01-16-2026 LETTING ITEM 185

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR LIST OF ILLINOIS DOT HIGHWAY STANDARDS, SEE SHEET NO. 2

THE UPCHURCH GROUP, INC.		QUIGG ENGINEERING INC.	
DATE: 10–1–25	EXPIRES: 11–30–2027	DATE: 10–1–25	EXPIRES: 11–30–2027
SIGNATURE AND SEAL APPLY TO ALL SHEETS EXCEPT AS OTHERWISE NOTED		SIGNED FOR: 139–144	

STANLEY J. FEARDAY 062-057499 LICENSED PROFESSIONAL ENGINEER OF ILLINOIS

SEAN D. MAXWELL 062.071986 LICENSED PROFESSIONAL ENGINEER OF ILLINOIS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

FAP ROUTE 301 (US 20) &
FAP 654 (IL 73) /FAS 1087 (IL 73)
SECTION (22, 107)R
PROJECT NHPP–I9GY (700)
INTERSECTION RECONSTRUCTION
STEPHENSON COUNTY

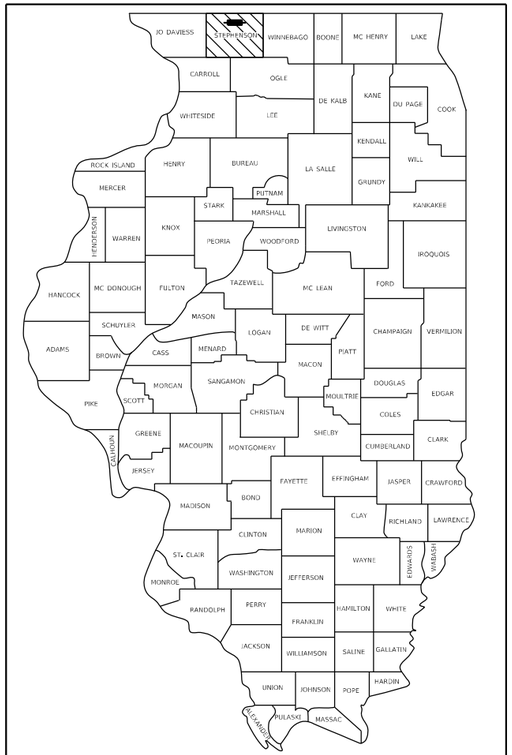
US 20 /IL 73 INTERSECTION: US 20: 0.4 MILE W. OF IL 73 TO 1 MILE E. (REES RD) AND IL 73: 0.4 MILE N. TO 0.2 MILE S. OF US 20

C–92–119–16

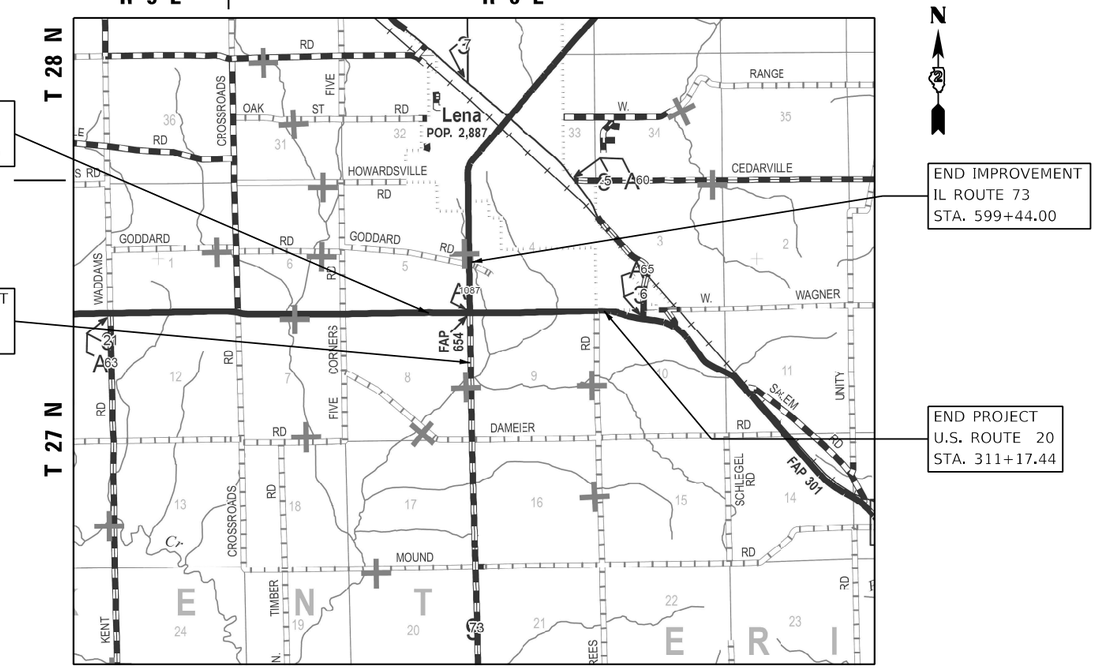
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	1
	ILLINOIS	CONTRACT NO. 64L27		

* FAP 301, FAP 654, FAS 1087

D–92–044–16



LOCATION OF SECTION INDICATED THUS: – ■ –

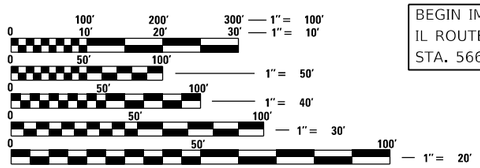


KENT TOWNSHIP, SECTION 4-5, 8-9
ERIN TOWNSHIP, SECTION 3, 10

HIGHWAY CLASSIFICATION

FAP 301 (US 20)
FUNCTIONAL CLASSIFICATION = OTHER PRINCIPAL ARTERIAL
DESIGN SPEED = 60 MPH & 55 MPH
POSTED SPEED = 55 MPH
EXISTING ADT = W. LEG- 6800 (2018), E. LEG- 6500 (2018)
DESIGN ADT = W. LEG- 8350 (2038), E. LEG- 8000 (2038)
% TRUCKS = W. LEG- 16.3%, E. LEG- 16.9%

FAP 654 (IL 73)
FUNCTIONAL CLASSIFICATION = N. LEG-MAJOR COLLECTOR
S. LEG- MINOR ARTERIAL
DESIGN SPEED = 55 MPH
POSTED SPEED = 55 MPH
EXISTING ADT = N. LEG- 4600, S. LEG-2800 (2018)
DESIGN ADT = N. LEG- 5650, S. LEG- 3400 (2038)
% TRUCKS = N. LEG- 9.3%, S. LEG- 17.0%



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1–800–892–0123
OR 811

PROJECT ENGINEER – ANDREW LEE
PROJECT MANAGER – ROGER ROMERO 815–284–5951

CONTRACT NO. 64L27

FAP 301 (US 20) & FAP 654 (IL 73) GROSS LENGTH = 10,607 FT. = 2.009 MILE
FAP 301 (US 20) & FAP 654 (IL 73) NET LENGTH = 10,607 FT. = 2.009 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED October 9 20 25

Trisha Thompson
REGIONAL ENGINEER

December 5 20 25
ENGINEER OF DESIGN AND ENVIRONMENT

December 5 20 25
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

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e-mail: upchurchgroup@upchurchgroup.com

USER NAME = Sta42	DESIGNED - SJF	REVISED -
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 10/1/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20 AT IL ROUTE 73
INDEX OF SHEETS AND STANDARDS

SCALE: N.T.S. in. | SHEET 1 OF 1 SHEETS | STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	2
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

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GENERAL NOTES

1. THE CONTRACTOR SHALL SEED ALL DISTURBED AREAS WITHIN THE PROJECT LIMITS. SEEDING CLASS 4 OR 2A SHALL BE USED, EXCEPT IN FRONT OF PROPERTIES WHERE THE GRASS WILL BE MOWED, THEN USE SEEDING, CLASS 1A. CLASS 2A SHALL BE USED ON FRONT SLOPES AND DITCH BOTTOMS. CLASS 4 SHALL BE USED BEHIND TYPE A GUTTER, ON ALL BACKSLOPES AND AREAS BEHIND THE BACKSLOPE, AND BEYOND THE TOE OF FRONT SLOPE ON FILL SECTIONS WITHOUT DITCHES.

2. PREVIOUSLY PUGMILLED STOCKPILES OF "TYPE A" OLDER THAN 1 MONTH WILL NOT BE APPROVED FOR USE UNTIL A MOISTURE CHECK IS RUN TO VERIFY MOISTURE CONTENT. MATERIAL SHIPPED TO PROJECTS WITHOUT BEING TESTED WILL NOT BE ACCEPTED.

3. PLACEMENT AND COMPACTION OF THE BACKFILL FOR PROPOSED ACROSS ROAD CULVERTS AND EXISTING ACROSS ROAD CULVERTS THAT ARE REMOVED, SHALL CONFORM TO ARTICLE 502.10 OF THE STANDARD SPECIFICATIONS, EXCEPT THAT THE MATERIAL, EITHER PRODUCTION AGGREGATE OR EXCAVATED MATERIAL, SHALL CONFORM TO ARTICLE 208.02 OF THE STANDARD SPECIFICATIONS, AND SHALL BE COMPACTED TO A MINIMUM OF 95% OF THE STANDARD LABORATORY DENSITY. THE TOP ONE FOOT OF TRENCH BACKFILL SHALL BE GRADATION CA06 OR CA10, BENEATH THE PROPOSED PAVEMENT/PATCH.

   THE ENTIRE EXCAVATION, WITHIN 2 FEET OUTSIDE OF EACH SHOULDER, SHALL BE BACKFILLED WITH TRENCH BACKFILL MATERIAL TO THE BOTTOM OF THE PROPOSED PAVEMENT/PATCH. IMPERVIOUS MATERIAL SHALL BE USED ON THE OUTER 3 FEET AT EACH END OF THE CULVERT.

   THE TRENCH BACKFILL MATERIAL WILL BE MEASURED FOR PAYMENT IN ACCORDANCE WITH ARTICLE 502.12, NOT TO EXCEED 2 FEET OUTSIDE THE STRUCTURE.

4. WHEN LAYING OUT FOR PATCHING, THE MINIMUM DISTANCE BETWEEN NEW PATCHES (SAW CUT TO SAW CUT) SHALL BE 15 FEET. WHEN PATCH SPACING IS LESS THAN 15 FEET, THE PAVEMENT BETWEEN PATCHES SHALL ALSO BE REMOVED AND REPLACED.

5. COST OF REMOVAL AND DISPOSAL OF MATERIAL FROM THE TEMPORARY PATCH SHALL BE INCLUDED IN AGGREGATE BASE COURSE, TYPE B.

6. THE EXISTING HOT-MIX ASPHALT ON PRIVATE AND COMMERCIAL ENTRANCES, INCLUDING MIALBOX TURNOUTS, SHALL BE BLADED OFF OR MILLED AND DISPOSED OF OUTSIDE THE PROJECT LIMITS. THIS COULD BE THE ENTIRE ENTRANCE OR TAPERED AT THE END DEPENDING ON IF THE MAINLINE IS RESURFACED OR MILLED AND RESURFACED. THE COST OF THE BLADING, MILLING, ROLLING, AND DISPOSAL IS INCLUDED IN THE CONTRACT UNIT PRICE FOR INCIDENTAL HOT-MIX ASPHALT SURFACING.

7. THE DROP OFF THAT OCCURS AT ENTRANCE EDGES AS A RESULT OF RESURFACING OF THE ENTRANCE SHALL BE CORRECTED USING AGGREGATE SHOULDER MATERIAL. THIS WORK SHALL BE PAID FOR BY THE TON FOR AGGREGATE SHOULDERS OF THE TYPE SPECIFIED IN THE PLANS.

8. THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

LOCATION AND MIXTURE USES(S):	RESURFACING, SIDEROADS, & TEMPORARY			SHOULDERS	
	MAINLINE & TEMP SURFACE	MAINLINE BINDER	TEMP PAVEMENT BINDER	SURFACE	ALL LOWER LIFTS
PG:	PG 58-28	PG 58-28	PG 58-28	PG 58-28	PG 58-28
DESIGN AIR VOIDS	4.0 @ N70	4.0 @ N70	4.0 @ N70	4.0 @ N50	4.0 @ N50
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 9.5	IL 9.5 FG	IL 19.0	IL 9.5 FG	IL 19.0
FRICTION AGGREGATE	D	N/A	N/A	C	N/A
MIX WEIGHT	112 LBS/SY/IN	N/A	N/A	112 LBS/SY/IN	N/A
QUALITY MANAGEMENT PROGRAM	QC/QA	QC/QA	QC/QA	QC/QA	QC/QA
SUBLOT SIZE	N/A	N/A	N/A	N/A	N/A
MATERIAL TRANSFER DEVICE	YES	YES	N/A	YES	YES

POLYMERIZED BITUMINOUS MATERIALS (TACK COAT) - APPLICATION RATES*	
SURFACE TYPE	RESIDUAL RATE
MILLED (HMA OR PCC)	0.05 LB/SF
EXISTING PAVEMENT	0.05 LB/SF
FOG COAT (BETWEEN LIFTS)	0.05 LB/SF

* POLYMER TACK SHALL BE SS-1hP, CSS-1hP, OR NTEA LISTED MATERIAL

9. THE CONTRACTOR WILL BE REQUIRED TO FURNISH 5 ½" HIGH BRASS STENCILS AS APPROVED BY THE ENGINEER AND INSTALL STATIONING AT 250' INTERVALS. STATIONING SHALL BE PLACED ON BOTH LANES OF 2 LANE HIGHWAYS AND ON THE OUTSIDE LANES IN BOTH DIRECTIONS ON 4-LANE HIGHWAYS. THE STATIONS SHALL BE PLACED 6" INSIDE THE PAVEMENT MARKING EDGE SO THEY CAN BE READ FROM THE SHOULDER. THIS WORK WILL BE INCLUDED IN THE COST OF THE FINAL PAVEMENT SURFACE.

10. THE AREA TO BE TACKED OR PRIMED SHALL BE LIMITED TO THAT WHICH CAN BE COVERED WITH HMA ON THE NEXT DAY'S PRODUCTION, BUT NO MORE THAN FIVE DAYS IN ADVANCE OF THE PLACEMENT OF THE HMA, UNLESS APPROVED BY THE ENGINEER.

11. A NATIONWIDE 404 PERMIT HAS BEEN ISSUED FOR THIS PROJECT AND THE CONDITIONS OF THAT PERMIT MUST BE ADHERED TO.

12. THE NEW NUMBERS FOR THESE STRUCTURES WILL BE:

    089-1133 (STA. 242+58.00) 089-1135 (STA. 306+87.00)
    089-1144 (STA. 263+44.74) 089-1140 (STA. 590+37.00)
    089-1134 (STA. 286+44.00) 089-1141 (STA. 595+92.70)

13. THE SOILS REPORT AND PROFILES ARE AVAILABLE AT THE DISTRICT OFFICE FOR CONTRACTOR'S REVIEW.

14. CULVERT & BRIDGE FLOWS MUST BE MAINTAINED THROUGHOUT THE PROJECT. NORMAL FLOW SHALL BE ALLOWED TO PASS AT THE RATE IT ENTERS THE JOB SITE. HIGH FLOWS SHALL BE ALLOWED TO PASS WITHOUT CAUSING DAMAGE TO UPSTREAM PROPERTIES.

15. BOX CULVERTS THAT ARE STAGE CONSTRUCTED AND UNDERCUT BY MORE THAN 2 FEET SHALL HAVE LEAN CONCRETE PLACED ON THE ROCK FILL AT THE STAGE LINE. THE CONCRETE SHALL RETAIN THE ROCK FILL UNTIL THE SECOND STAGE ROCK FILL IS PLACED. THIS WORK WILL BE INCLUDED IN THE PAY ITEM FOR THE TYPE OF ROCK FILL USED.

16. CONNECTING BANDS FOR CORRUGATED METAL PIPES SHALL BE METAL AND SHALL BE COATED WITH THE SAME MATERIAL AS THE PIPE SECTIONS. THE CONNECTING BANDS SHALL BE A MINIMUM OF 18"WIDE.

17. DELINEATORS SHALL BE INSTALLED AS SHOWN IN STANDARD 635001, EXCEPT THAT THE POST SHALL BE ROTATED 180 AND ONLY METAL-BACKED DELINEATORS SHALL BE PERMITTED. DELINEATORS SHALL BE PLACED AT THE ENDS OF APPROACH GUARDRAIL TERMINAL SECTIONS, AND AT EACH HEADWALL OR END SECTION OF AR CULVERTS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR DELINEATORS.

18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COLLECTING AND MAINTAINING AN ELECTRONIC LOG OF ALL STAKEOUT SURVEY THAT IS PERFORMED ON THE JOB, EITHER BY HIM/HER OR ANY SUB-CONTRACTOR PERFORMING THE STAKEOUT. UPON REQUEST, ALL LOGS SHALL BE SUBMITTED TO THE DEPARTMENT. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THIS WORK, BUT SHALL BE CONSIDERED INCLUDED IN THE COST FOR CONSTRUCTION LAYOUT.

19. PAVEMENT MARKING SHALL BE DONE ACCORDING TO STANDARD 780001, EXCEPT AS FOLLOWS:

    1. ALL WORDS, SUCH AS ONLY, SHALL BE 8 FEET HIGH.
    2. ALL NON-FREEWAY ARROWS SHALL BE THE LARGE SIZE.
    3. THE DISTANCE BETWEEN YELLOW NO-PASSING LINES SHALL BE 8 INCHES, NOT 7 INCHES, AS SHOWN IN THE DETAIL OF TYPICAL LANE AND EDGE LINES.
    4. CENTERLINE SKIP DASH PAVEMENT MARKING ON MULTI-LANE DIVIDED, MULTI-LANE UNDIVIDED, AND ONE-WAY ROADWAY SHALL BE ACCORDING TO DISTRICT STANDARD 41.1.

20. RIGHT-OF-WAY MARKERS WILL BE ERECTED PER HIGHWAY STANDARD 666001 WITH THE BACK FACE OF THE MARKER ON THE RIGHT-OF-WAY LINE, UNLESS THE NEW RIGHT-OF-WAY LINE HAS BEEN SURVEYED AND PINNED, IN WHICH INSTANCE THE RIGHT-OF-WAY MARKERS WILL BE ERECTED 12 INCHES INSIDE THE NEW RIGHT-OF-WAY LINE. THE METHOD OF INSTALLATION SHALL BE APPROVED BY THE ENGINEER.

21. THE FOLLOWING LISTED UTILITIES LOCATED WITHIN THE PROJECT LIMITS OR IMMEDIATELY ADJACENT TO THE PROJECT CONSTRUCTION LIMITS ARE MEMBERS OF JULIE:

Mr. Dan Griffin
Aero North Communications
120 E. Clark St.
Freeport, IL 61032
815-238-0831

Mr. Christopher Minard
Mediacom
6925 Garden Prairie Road
Garden Prairie, IL 61038
815-716-0582

Mr. Jason Klein
Frontier (North)
111 South Main St
Kewanee, IL 61443
309-853-6297

Mr. Chip Parrot
NICOR Gas Co.
1844 Ferry Road
Naperville, IL 60563-9600
630-388-3019

Mr. Lance Sandy
iFiber
348 Swanson Road
Sycamore, IL 60178
815-753-5798

Mr. Vincent Mazzaferro
Commonwealth Edison Company
1 Lincoln Center
Oak Brook Terrace, IL 60181
779-231-1027

Mr. Deven Barnhill
Windstream
385 W. Oak Street
Coal City, IL 60416
815-715-2287

Mr. Nolan Mullen
EcoGrove Wind LLC
9370 N. Baker Road
Lena, IL 61048-9735
815-369-2193

IDOT IS NOT A MEMBER OF JULIE. IF YOU ARE NEAR ANY OVERHEAD LIGHTING, INTERSECTION LIGHTING OR TRAFFIC SIGNALS, CONTACT THE IDOT TRAFFIC OFFICE AT 815/284-5469 AT LEAST 48 HOURS PRIOR TO WORK. THE ELECTRICAL CONTRACTOR FOR THIS PROJECT IS RESPONSIBLE FOR LOCATING THE IDOT FACILITIES.

WHEN WORKING IN THE VICINITY OF COMED'S ELECTRIC TRANSMISSION LINES DURING THE INSTALLATION, BASED ON OSHA REQUIREMENTS COMED REQUIRES A MINIMUM OF FIFTEEN (15) FEET WORKING CLEARANCE DISTANCE MUST BE MAINTAINED BETWEEN THE BOOMS, ARMS OR OTHER PARTS THAT CAN BE RAISED ON THE EQUIPMENT UTILIZED BY THE CONTRACTOR AND COMED'S EXISTING 138,000 VOLT ELECTRIC TRANSMISSION CONDUCTORS.

22. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT OWNERS TO ENSURE TIMELY REMOVAL OF THEIR SIGNS INCLUDING SIGN SUPPORTS AND FOUNDATIONS.

23. ALL RUNAROUND CULVERTS ARE TO BE PRESERVED AND RETURNED TO IDOT FOR RE-USE.

TOPSOIL STOCKPILE NOTES

1. CONTRACTOR SHALL UTILIZE THE INFIELD AREA BETWEEN US 20 & RUNAROUND FOR TEMPORARY STOCKPILE OF THE TOPSOIL TO BE RE-USED.

2. FINAL STOCKPILE LOCATION AND HEIGHT SHALL BE APPROVED BY RESIDENT ENGINEER.

3. LIMITS OF THE FINAL STOCKPILE SHALL BE OUTSIDE THE LIMITS OF THE TRAFFIC CLEAR ZONE (24') FROM THE NEAREST TRAVELED EDGE OF PAVEMENT.

4. TOPSOIL STORAGE AREA SHALL BE SEEDED, MULCHED, AND THE AREA SURROUNDED BY PERIMETER EROSION BARRIER.

5. ANY TOPSOIL TO BE STOCKPILED SHALL MEET THE CRITERIA SET FORTH IN THE SPECIAL PROVISION FOR REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES.

24. GOOD NEIGHBOR ROUTE
    ENGINEER WILL CONTACT:
    STEPHENSON COUNTY ENGINEER (MR. DALE RASMUSSEN 815-235-7497)
    KENT TOWNSHIP HIGHWAY COMMISSIONER (MR. CRAIG RADERS 815-541-1116)
    WEST POINT TOWNSHIP HIGHWAY COMMISSIONER (JON DAWS 815-238-2315)
    TO SET UP A MEETING PRIOR TO START OF DETOUR, IN ORDER TO PERFORM A VIDEO OF THE CONDITION OF:
    W MAIN RD (FROM CROSSROADS RD TO N MAIN ST) WEST POINT TOWNSHIP
    N MAIN ST (FROM W MAIN RD TO W GALENA RD) WEST POINT TOWNSHIP
    W GALENA RD / W LENA ST (FROM N MAIN RD TO IL 73) STEPHENSON COUNTY
    CROSSROADS RD (FROM N MAIN RD TO US 20) PORTIONS KENT AND WEST POINT TOWNSHIPS
    KENT RD (FROM US 20 TO W DUBLIN RD) STEPHENSON COUNTY
    W DUBLIN RD (FROM KENT RD TO IL 73) STEPHENSON COUNTY

    UPON COMPLETION OF DETOUR-RELATED WORK, AND REMOVAL OF THE DETOUR, THE ENGINEER WILL AGAIN SET UP A MEETING WITH THE RESPECTIVE PARTIES TO PERFORM A VIDEO OF THE CONDITION OF SAID ROADWAYS, IN ORDER TO ASSESS IF ANY DAMAGES TO THE HOT-MIX ASPHALT ROADWAY CAN BE ATTRIBUTED TO INCREASED TRAFFIC DURING THE DETOUR. PROVISIONAL QUANTITIES HAVE BEEN INCLUDED IN THIS CONTRACT FOR POTENTIAL REPAIRS - ONLY OF HMA ROADWAY AS JOINTLY DETERMINED BY THE ENGINEER AND THE RESPECTIVE PARTY. THESE PROVISIONAL PAY ITEMS INCLUDE:

    HMA SURFACE COURSE, MIX C, N50 - 690 TON
    BITUMINOUS MATERIAL (PRIME COAT) - 3,696 POUND
    PAINT PAVEMENT MARKING - 6,600 FOOT
    CLASS D PATCHES, TYPE I, 6 INCH = 50 SY
    CLASS D PATCHES, TYPE II, 6 INCH = 100 SY
    AGGREGATE SUBGRADE IMPROVEMENT = 50 CY

25. EXISTING FLASHING BEACONS ON INTERSECTION STOP SIGNS AND TO THE EAST AND WEST OF INTERSECTION ARE TO BE PRESERVED AND RETURNED TO IDOT. EXISTING ELECTRICAL SERVICE SHALL BE DISCONNECTED.

26. MAILBOXES SHALL BE MOUNTED ON A 4" X 4" WOOD POST 41 - 45" ABOVE THE SHOULDER SURFACE AND EXTENDING 24" INTO THE EMBANKMENT OR TO THE CURRENT UNITED STATES POSTAL SERVICE MAILBOX GUIDELINES. THIS WORK SHALL BE DONE IN ACCORDANCE WITH ARTICLE 107.20 OF THE STANDARD SPECIFICATIONS.

27. EXPLORATION TRENCH (FT) SHALL BE UTILIZED TO IDENTIFY EXISTING FIELD TILES THAT ARE IN CONFLICT WITH THE PROPOSED IMPROVEMENT. PROVISIONAL PAY ITEMS HAVE BEEN INCLUDED IN THE CONTRACT TO MITIGATE ANY FIELD TILES THAT ARE IN CONFLICT WITH THE PROPOSED IMPROVEMENT. FIELD TILES ENCOUNTERED SHALL NOT BE BLOCKED OR OTHERWISE DISABLED, AND SHALL BE MITIGATED TO THE SATISFACTION OF THE ENGINEER.

    CONTRACTOR SHALL REACH OUT TO ALL PROPERTY OWNERS PRIOR TO THE START OF CONSTRUCTION TO REQUEST INOFRMATION ON ANY EXISTING FIELD TILES THAT WILL NEED TO BE REPLACED AS A RESULT OF CONSTRUCTION ACTIVITIES. THE FOLLOWING PROPERTY OWNERS ARE CONFIRMED PARCELS WITH FIELD TILES:

    DONALD REES (PARCEL 10-12-09-200-004 & 10-12-09-200-004)
    JAMES KLEVER (PARCEL 10-12-05-400-002)

28. RELOCATE TEMPORARY IMPACT ATTENUATORS SHALL INCLUDE STORAGE AND TRANSPORTATION TO AND FROM STORAGE, WHEN THE DEVICE IS NOT NEEDED FOR A TIME, AS SHOWN ON THE STAGING PLANS. THIS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER EACH FOR 'IMPACT ATTENUATORS, RELOCATE' OF THE TYPE SPECIFIED.

29. WHEN RELOCATE TEMPORARY CONCRETE BARRIER IS SPECIFIED, THE WALL SHALL BE REMOVED, STORAGE AND TRANSPORTATION TO AND FROM STORAGE, WHEN THE WALL IS NOT NEEDED FOR A TIME AS SHOWN ON THE STAGING PLANS, RELOCATED AND REINSTATED AT THE NEW LOCATION. THE REINSTALLATION REQUIREMENTS SHALL BE THE SAME AS THOSE FOR A NEW INSTALLATION. THIS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR 'RELOCATE TEMPORARY CONCRETE BARRIER'.

30. AT LOCATION WHERE IT IS NECESSARY TO CUT SIDEWALK, CURB & GUTTER, AND PAVEMENT FOR REMOVAL A SAW CUT SHALL BE MADE IN ACCORDANCE WITH SECTION 442 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL BE CONSIDERED INCIDENTAL IN THE VARIOUS PAY ITEMS OF PROPOSED CONSTRUCTION INVOLVED.

31. THE CONTRACTOR SHALL NOTIFY TRAFFIC OPERATIONS A MINIMUM OF 5 WORKING DAYS PRIOR TO PLACING PERMANENT PAVEMENT MARKING OR SIGNING.

32. THE CONTRACTOR SHALL COORDINATE WITH PROPERTY OWNER FOR REMOVAL OF THE DECORATIVE FIRE HYDRANT AT STA. 271+03.88' LT, AT LEAST 2 WEEKS PRIOR TO CLEARING AND EARTHWORK OPERATIONS ON THE PROPERTY.

33. BASED ON OUR STRUCTURAL ANALYSIS, THE FOLLOWING STRUCTURES CAN BE CROSSED WITH AN EMPTY MTD WITH THE FOLLOWING MAXIMUM GROSS WEIGHT RESTRICTIONS:

    089-1032 (40 TONS) 089-1144 (40 TONS)
    089-1075 (40 TONS) 089-1204 (40 TONS)

    IF THE SAME MTD IS USED THROUGHOUT THE ENTIRE CONTRACT, THEN IT MUST BE LIMITED TO AN EMPTY GROSS WEIGHT < 40 TONS.

34. PLAN PRODUCTION UTILIZED THE NORTH AMERICAN VERTICAL DATUM OF 188 (NAVD 88).

COMMITMENTS

CONTRACTOR SHALL REACH OUT TO JERALD & ELIZABETH MARTIN (PARCEL 10-12-05-400-005) PRIOR TO THE START OF CONSTRUCTION TO REQUEST INFORMATION ON EXISTING 3/4" WATER PIPE SO IT IS NOT DISTURBED. CONTRACTOR SHALL NOT STORE EQUIPMENT, DISTURB, NOR RIDE EQUIPMENT PAST THE TEMPORARY EASEMENT ONTO THE EXISTING CONCRETE SLAB.

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PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20 AT IL ROUTE 73
GENERAL NOTES

SCALE: N.T.S. in. | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	3
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	STEPHENSON COUNTY NHPP 80% FED 20% STATE CONSTRUCTION CODE ROADWAY 0004 RURAL	 SAFETY 0021 RURAL	 MINOR STRUCTURES 0004 RURAL
20101000	TEMPORARY FENCE	FOOT	1,124	1,124		
20200100	EARTH EXCAVATION	CU YD	87,118	87,118		
20700220	POROUS GRANULAR EMBANKMENT	CU YD	1,289	1,289		
20800150	TRENCH BACKFILL	CU YD	69	69		
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	1,525	1,525		
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	106,880	106,880		
21301052	EXPLORATION TRENCH 52" DEPTH	FOOT	200	200		
21400100	GRADING AND SHAPING DITCHES	FOOT	35	35		
25000110	SEEDING, CLASS 1A	ACRE	1.25	1.25		
25000200	SEEDING, CLASS 2	ACRE	0.50	0.50		
25000210	SEEDING, CLASS 2A	ACRE	13.50	13.50		
25000310	SEEDING, CLASS 4	ACRE	6.00	6.00		
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1,913	1,913		
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	1,913	1,913		

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PLOT DATE = 10/7/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20 AT IL ROUTE 73
SUMMARY OF QUANTITIES

SCALE: N.T.S. in. | SHEET 1 OF 18 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	4
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

REV. 11/17/25

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	STEPHENSON COUNTY NHPP 80% FED 20% STATE CONSTRUCTION CODE ROADWAY 0004 RURAL	SAFETY 0021 RURAL	MINOR STRUCTURES 0004 RURAL
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1,913	1,913		
25000750	MOWING	ACRE	21.25	21.25		
25100125	MULCH, METHOD 3	ACRE	33.50	33.50		
25100630	EROSION CONTROL BLANKET	SQ YD	10,438	10,438		
25100900	TURF REINFORCEMENT MAT	SQ YD	5,128	5,128		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1,225	1,225		
28000305	TEMPORARY DITCH CHECKS	FOOT	7,120	7,120		
28000400	PERIMETER EROSION BARRIER	FOOT	6,647	6,647		
28000500	INLET AND PIPE PROTECTION	EACH	28	25		3
28100107	STONE RIPRAP, CLASS A4	SQ YD	424	424		
28100109	STONE RIPRAP, CLASS A5	SQ YD	105	105		
28100705	STONE DUMPED RIPRAP, CLASS A3	SQ YD	15	15		
28200200	FILTER FABRIC	SQ YD	1,238	1,238		
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	479	479		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20 AT IL ROUTE 73
SUMMARY OF QUANTITIES

SCALE: N.T.S. / in. | SHEET 2 OF 18 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	5
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

REV. 11/17/25

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	STEPHENSON COUNTY NHPP 80% FED 20% STATE CONSTRUCTION CODE ROADWAY 0004 RURAL	 SAFETY 0021 RURAL	 MINOR STRUCTURES 0004 RURAL
30300124	AGGREGATE SUBGRADE IMPROVEMENT 24"	SQ YD	29,396	29,396		
30300127	AGGREGATE SUBGRADE IMPROVEMENT 27"	SQ YD	611	611		
31101000	SUBBASE GRANULAR MATERIAL, TYPE B	TON	1,659		1,659	
31200500	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"	SQ YD	22,750	22,750		
35101400	AGGREGATE BASE COURSE, TYPE B	TON	1,862	1,862		
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	1,798	1,798		
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	80,866	80,866		
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	29,609	29,609		
40600370	LONGITUDINAL JOINT SEALANT	FOOT	4,932	4,932		
40600405	MATERIAL TRANSFER DEVICE	TON	5,903	5,903		
40600990	TEMPORARY RAMP	SQ YD	225	225		
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	442	442		
40602970	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	TON	1,021	1,021		
40604000	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5FG, MIX "C", N50	TON	1,239	1,239		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20 AT IL ROUTE 73
SUMMARY OF QUANTITIES

SCALE: N.T.S. / in. | SHEET 3 OF 18 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	6
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	STEPHENSON COUNTY NHPP 80% FED 20% STATE CONSTRUCTION CODE ROADWAY 0004 RURAL	SAFETY 0021 RURAL	MINOR STRUCTURES 0004 RURAL
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	1,225	1,225		
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	278	278		
42000401	PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)	SQ YD	21,043	21,043		
42001300	PROTECTIVE COAT	SQ YD	29,472	29,472		
44000100	PAVEMENT REMOVAL	SQ YD	13,647	13,647		
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	14,699	14,699		
44000600	SIDEWALK REMOVAL	SQ FT	125	125		
44002244	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 11"	SQ YD	718	718		
44004250	PAVED SHOULDER REMOVAL	SQ YD	118	118		
44201377	CLASS C PATCHES, TYPE II, 12 INCH	SQ YD	12	12		
44201383	CLASS C PATCHES, TYPE IV, 12 INCH	SQ YD	478	478		
44201713	CLASS D PATCHES, TYPE I, 6 INCH	SQ YD	50	50		
44201717	CLASS D PATCHES, TYPE II, 6 INCH	SQ YD	100	100		
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	41	41		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20 AT IL ROUTE 73
SUMMARY OF QUANTITIES

SCALE: N.T.S. / in. | SHEET 4 OF 18 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	7
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

REV. 11/17/25

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	STEPHENSON COUNTY NHPP 80% FED 20% STATE CONSTRUCTION CODE ROADWAY 0004 RURAL	SAFETY 0021 RURAL	MINOR STRUCTURES 0004 RURAL
44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SQ YD	205	205		
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	545	545		
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	1,788	1,788		
48203023	HOT-MIX ASPHALT SHOULDERS, 6 1/2"	SQ YD	6,536	6,536		
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	2,634	2,634		
48300400	PORTLAND CEMENT CONCRETE SHOULDERS 9"	SQ YD	8,395	8,395		
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1			1
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1			1
50100500	REMOVAL OF EXISTING STRUCTURES NO. 3	EACH	1			1
50100600	REMOVAL OF EXISTING STRUCTURES NO. 4	EACH	1			1
50100700	REMOVAL OF EXISTING STRUCTURES NO. 5	EACH	1	1		
50100800	REMOVAL OF EXISTING STRUCTURES NO. 6	EACH	1	1		
50100900	REMOVAL OF EXISTING STRUCTURES NO. 7	EACH	1			1
50101000	REMOVAL OF EXISTING STRUCTURES NO. 8	EACH	1			1

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20 AT IL ROUTE 73
SUMMARY OF QUANTITIES

SCALE: N.T.S. / in. | SHEET 5 OF 18 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	8
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

REV. 11/17/25

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	STEPHENSON COUNTY NHPP 80% FED 20% STATE CONSTRUCTION CODE ROADWAY 0004 RURAL	SAFETY 0021 RURAL	MINOR STRUCTURES 0004 RURAL
50200400	ROCK EXCAVATION FOR STRUCTURES	CU YD	3	3		
50200450	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	672	58		614
50800105	REINFORCEMENT BARS	POUND	46	46		
52200020	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	372	372		
54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	1	1		
54001002	BOX CULVERT END SECTIONS, CULVERT NO. 2	EACH	1	1		
54002020	EXPANSION BOLTS 3/4 INCH	EACH	10	10		
54010302	PRECAST CONCRETE BOX CULVERTS 3' X 2'	FOOT	62	62		
54010604	PRECAST CONCRETE BOX CULVERTS 6' X 4'	FOOT	88	88		
54215412	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 12"	EACH	1	1		
5421D015	PIPE CULVERTS, CLASS D, TYPE 1 15" (TEMPORARY)	FOOT	10	10		
5421D024	PIPE CULVERTS, CLASS D, TYPE 1 24" (TEMPORARY)	FOOT	20	20		
54244405	FLUSH INLET BOX FOR MEDIAN, STANDARD 542546	EACH	2	2		
54248510	CONCRETE COLLAR	CU YD	2	2		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20 AT IL ROUTE 73
SUMMARY OF QUANTITIES

SCALE: N.T.S. / in. | SHEET 6 OF 18 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	9
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

REV. 11/17/25

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	STEPHENSON COUNTY NHPP 80% FED 20% STATE CONSTRUCTION CODE ROADWAY 0004 RURAL	SAFETY 0021 RURAL	MINOR STRUCTURES 0004 RURAL
54260315	TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTION	FOOT	2,097	2,097		
54260515	SLOPED METAL END SECTION, STANDARD 542411, 15", 1:6	EACH	14	14		
54260524	SLOPED METAL END SECTION, STANDARD 542411, 24", 1:6	EACH	2	2		
54260530	SLOPED METAL END SECTION, STANDARD 542411, 30", 1:6	EACH	2	2		
54261030	SLOPED METAL END SECTION WITH GRATE, STANDARD 542416, 30", 1:6	EACH	2	2		
54261424	CONCRETE END SECTION, STANDARD 542001, 24", 1:4	EACH	4	2		2
54261436	CONCRETE END SECTION, STANDARD 542001, 36", 1:4	EACH	1	1		
54261448	CONCRETE END SECTION, STANDARD 542001, 48", 1:4	EACH	2			2
54261478	CONCRETE END SECTION, STANDARD 542001, 78", 1:4	EACH	6			6
54261484	CONCRETE END SECTION, STANDARD 542001, 84", 1:4	EACH	4			4
54261624	CONCRETE END SECTION, STANDARD 542001, 24", 1:6	EACH	4	4		
54263436	CONCRETE END SECTION, STANDARD 542011, 36", 1:4	EACH	1	1		
54263448	CONCRETE END SECTION, STANDARD 542011, 48", 1:4	EACH	1			1
54263624	CONCRETE END SECTION, STANDARD 542011, 24", 1:6	EACH	2	2		

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TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
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PLOT DATE = 10/7/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20 AT IL ROUTE 73
SUMMARY OF QUANTITIES

SCALE: N.T.S. ' in. | SHEET 7 OF 18 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	10
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

REV. 11/17/25

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	STEPHENSON COUNTY NHPP 80% FED 20% STATE CONSTRUCTION CODE ROADWAY 0004 RURAL	 SAFETY 0021 RURAL	 MINOR STRUCTURES 0004 RURAL
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	284	164		120
542A0241	PIPE CULVERTS, CLASS A, TYPE 1 36"	FOOT	95	95		
542A0253	PIPE CULVERTS, CLASS A, TYPE 1 48"	FOOT	154			154
542A1969	PIPE CULVERTS, CLASS A, TYPE 3 84"	FOOT	272			272
542A5479	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 24"	FOOT	54	54		
542A5491	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 36"	FOOT	73	73		
542A5503	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 48"	FOOT	50			50
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	301	301		
542D0229	PIPE CULVERTS, CLASS D, TYPE 1 24"	FOOT	64	64		
542D1075	PIPE CULVERTS, CLASS D, TYPE 2 30"	FOOT	105	105		
542D5485	PIPE CULVERTS, CLASS D, TYPE 1 EQUIVALENT ROUND-SIZE 30"	FOOT	51	51		
60100080	FRENCH DRAINS	CU YD	194	194		
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	20	20		
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	132	132		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20 AT IL ROUTE 73
SUMMARY OF QUANTITIES

SCALE: N.T.S. / in. | SHEET 8 OF 18 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	11
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

REV. 11/17/25

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	STEPHENSON COUNTY NHPP 80% FED 20% STATE CONSTRUCTION CODE ROADWAY 0004 RURAL	SAFETY 0021 RURAL	MINOR STRUCTURES 0004 RURAL
60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	398	398		
60500060	REMOVING INLETS	EACH	2	2		
60609100	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06 (VARIABLE WIDTH GUTTER FLAG)	FOOT	86	86		
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	181	181		
61100605	MISCELLANEOUS CONCRETE	CU YD	10	10		
61133100	FIELD TILE JUNCTION VAULTS, 2' DIA.	EACH	4	4		
61133200	FIELD TILE JUNCTION VAULTS, 3' DIA.	EACH	4	4		
61133300	FIELD TILE JUNCTION VAULTS, 4' DIA.	EACH	4	4		
61133400	FIELD TILE JUNCTION VAULTS, 5' DIA.	EACH	4	4		
61139900	STORM SEWERS (SPECIAL), 6"	FOOT	2,610	2,610		
61140000	STORM SEWERS (SPECIAL), 8"	FOOT	2,660	2,660		
63200310	GUARDRAIL REMOVAL	FOOT	1,516	1,516		
63500105	DELINEATORS	EACH	34	32		2
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	16,950	16,950		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20 AT IL ROUTE 73
SUMMARY OF QUANTITIES

SCALE: N.T.S. / in. | SHEET 9 OF 18 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	12
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

REV. 11/17/25

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	STEPHENSON COUNTY NHPP 80% FED 20% STATE CONSTRUCTION CODE ROADWAY 0004 RURAL	 SAFETY 0021 RURAL	 MINOR STRUCTURES 0004 RURAL
*	66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	139	139		
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	500	500		
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	7	7		
*	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1		
*	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1		
*	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	7	7		
	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	6	3	3
	67100100	MOBILIZATION	L SUM	1	0.5	0.25	0.25
	70100200	TRAFFIC CONTROL AND PROTECTION, STANDARD 701331	EACH	1	1		
	70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	EACH	2	2		
	70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1		
	70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1		
	70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1		
	70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20 AT IL ROUTE 73
SUMMARY OF QUANTITIES

SCALE: N.T.S. / in. | SHEET 10 OF 18 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	13
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

REV. 11/17/25

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	STEPHENSON COUNTY NHPP 80% FED 20% STATE CONSTRUCTION CODE ROADWAY 0004 RURAL	SAFETY 0021 RURAL	MINOR STRUCTURES 0004 RURAL
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	186	106	40	40
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	2	2		
70106700	TEMPORARY RUMBLE STRIPS	EACH	12	12		
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	186	106	40	40
70300100	SHORT TERM PAVEMENT MARKING	FOOT	1,574	1,574		
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	2,702	2,702		
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	36,000	36,000		
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	60	60		
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	9,232	9,232		
70400100	TEMPORARY CONCRETE BARRIER	FOOT	975	975		
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	775	775		
70500100	TEMPORARY STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	150	150		
70600250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	4	4		
70600251	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	1	1		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20 AT IL ROUTE 73
SUMMARY OF QUANTITIES

SCALE: N.T.S. / in. | SHEET 11 OF 18 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	14
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

REV. 11/17/25

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	STEPHENSON COUNTY NHPP 80% FED 20% STATE CONSTRUCTION CODE ROADWAY 0004 RURAL	 SAFETY 0021 RURAL	 MINOR STRUCTURES 0004 RURAL
	70600350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	3	3		
*	72000100	SIGN PANEL - TYPE 1	SQ FT	320	320		
*	72000200	SIGN PANEL - TYPE 2	SQ FT	152	152		
*	72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	380	380		
*	72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	186	186		
*	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	207	207		
*	73000100	WOOD SIGN SUPPORT	FOOT	513	513		
*	78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	6,600	6,600		
*	78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	375	375		
*	78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	38,494	38,494		
*	78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	2,030	2,030		
*	78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	1,116	1,116		
*	78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	175	175		
*	78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	404	404		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20 AT IL ROUTE 73
SUMMARY OF QUANTITIES

SCALE: N.T.S. / in. | SHEET 12 OF 18 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	15
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

REV. 11/17/25

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	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	STEPHENSON COUNTY NHPP 80% FED 20% STATE CONSTRUCTION CODE ROADWAY 0004 RURAL	 SAFETY 0021 RURAL	 MINOR STRUCTURES 0004 RURAL
*	78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	38,494	38,494		
*	78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	2,030	2,030		
*	78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	1,116	1,116		
*	78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	175	175		
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	561	561		
	78100200	TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER	EACH	750	750		
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	125	125		
	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	233	233		
*	80500020	SERVICE INSTALLATION - POLE MOUNTED	EACH	1		1	
*	81028750	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	101		101	
*	81028770	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 3" DIA.	FOOT	72		72	
*	81028790	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 4" DIA.	FOOT	380		380	
*	81400100	HANDHOLE	EACH	3		3	
*	81400300	DOUBLE HANDHOLE	EACH	1		1	

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20 AT IL ROUTE 73
SUMMARY OF QUANTITIES

SCALE: N.T.S. ' in. | SHEET 13 OF 18 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	16
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

REV. 11/17/25

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	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	STEPHENSON COUNTY NHPP 80% FED 20% STATE CONSTRUCTION CODE ROADWAY 0004 RURAL	 SAFETY 0021 RURAL	 MINOR STRUCTURES 0004 RURAL
*	81702450	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10	FOOT	684		684	
*	82110008	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	4		4	
*	84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	8		8	
*	84200804	REMOVAL OF POLE FOUNDATION	EACH	8		8	
*	85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1		1	
*	86200300	UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1		1	
*	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,303		1,303	
*	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2,411		2,411	
*	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	56		56	
*	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	544		544	
*	87702955	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 45 FT.	EACH	1		1	
*	87702970	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	1		1	
*	87702985	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT.	EACH	1		1	
*	87703000	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 55 FT.	EACH	1		1	

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20 AT IL ROUTE 73
SUMMARY OF QUANTITIES

SCALE: N.T.S. / in. | SHEET 14 OF 18 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	17
		CONTRACT NO. 64L27		
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* FAP 301, FAP 654, FAS 1087

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	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	STEPHENSON COUNTY NHPP 80% FED 20% STATE CONSTRUCTION CODE ROADWAY 0004 RURAL	 SAFETY 0021 RURAL	 MINOR STRUCTURES 0004 RURAL
*	87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4		4	
*	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	56		56	
*	88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	6		6	
*	88040110	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	4		4	
*	88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	4		4	
*	88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2		2	
*	88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	2		2	
*	88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	12		12	
*	89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	1		1	
*	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	2		2	
*	89502400	REMOVE EXISTING FLASHING BEACON INSTALLATION COMPLETE	EACH	8	8		
	X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	1		
	X0324045	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE REMOVAL	EACH	4	4		
	X0324775	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE MAINTENANCE	SQ YD	480	480		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20 AT IL ROUTE 73
SUMMARY OF QUANTITIES

SCALE: N.T.S. / in. | SHEET 15 OF 18 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	18
		CONTRACT NO. 64L27		
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X0326806	WASHOUT BASIN	L SUM	1	1		
X0328017	STREAM MITIGATION BANK CREDITS	EACH	1,541.75	1,541.75		
X0328022	WETLAND MITIGATION BANK CREDITS	EACH	0.91	0.91		
X2100104	GEOTECHNICAL REINFORCEMENT	SQ YD	31,441	31,441		
X2111110	TOPSOIL PLACEMENT	CU YD	11,095	11,095		
X2800600	MAINTENANCE OF EXISTING EROSION CONTROL	L SUM	1	1		
X2810110	STONE RIPRAP, CLASS A5 (SPECIAL)	SQ YD	694	694		
X4201650	PAVEMENT FABRIC (SPECIAL)	SQ YD	14,573	14,573		
X4400110	TEMPORARY PAVEMENT REMOVAL	SQ YD	9,717	9,717		
X4401196	HOT-MIX ASPHALT SURFACE REMOVAL- LONGITUDINAL JOINT	SQ YD	685	685		
X5011100	FOUNDATION REMOVAL	EACH	1	1		
X5015225	PIPE CULVERT REMOVAL (SPECIAL)	FOOT	1,081	1,081		
X5420201	DROP BOX NO.1	EACH	1			1
X5420202	DROP BOX NO.2	EACH	1			1

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U.S. ROUTE 20 AT IL ROUTE 73
SUMMARY OF QUANTITIES

SCALE: N.T.S. / in. | SHEET 16 OF 18 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	19
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

REV. 11/18/25 REV. 11/17/25

MODEL: Default
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				STEPHENSON COUNTY		
				NHPP 80% FED 20% STATE		
				CONSTRUCTION CODE		
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	SAFETY	MINOR STRUCTURES
				0004	0021	0004
				RURAL	RURAL	RURAL
X5420203	DROP BOX NO.3	EACH	1			1
X5420204	DROP BOX NO.4	EACH	1	1		
X5420205	DROP BOX NO.5	EACH	1	1		
X5420206	DROP BOX NO.6	EACH	1			1
X5420207	DROP BOX NO.7	EACH	1			1
X5427602	REMOVE EXISTING FLARED END SECTION	EACH	6			6
X5510100	STORM SEWER REMOVAL	FOOT	32	32		
X6660410	REMOVE RIGHT-OF-WAY MARKERS	EACH	7	7		
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1		
X7050165	TEMPORARY TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL)	EACH	2	2		
X7240600	REMOVE AND RE-ERECT EXISTING SIGN	EACH	3	3		
* X8250091	COMBINATION LIGHTING CONTROLLER	EACH	1		1	
* X8891001	VIDEO VEHICLE DETECTION SYSTEM	EACH	1		1	
Z0004638	PAVEMENT BREAKING	SQ YD	2,691	2,691		

*** SPECIALTY ITEM**

MODEL: Default
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USER NAME = Sta42	DESIGNED - SJF	REVISED -
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 10/7/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20 AT IL ROUTE 73
SUMMARY OF QUANTITIES

SCALE: N.T.S. / in. | SHEET 17 OF 18 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	20
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

REV. 11/17/25

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	STEPHENSON COUNTY NHPP 80% FED 20% STATE CONSTRUCTION CODE ROADWAY 0004 RURAL	 SAFETY 0021 RURAL	 MINOR STRUCTURES 0004 RURAL
	Z0007601	BUILDING REMOVAL NO. 1	L SUM	1	1		
*	Z0049901	REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 1	L SUM	1	1		
	Z0019800	EARTH DITCH BERM	EACH	3	3		
*	Z0025505	PROPERTY MARKERS	EACH	20	20		
*	Z0054500	ROCK FILL	TON	1,141	98		1,043
	Z0062456	TEMPORARY PAVEMENT	SQ YD	9,717	9,717		
*	Z0064505	SECTION CORNER MARKERS	EACH	3	3		
Ø	Z0076600	TRAINEES	HOUR	1,000	1,000		
Ø	Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	1,000	1,000		

*** SPECIALTY ITEM**
Ø 0042

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PLOT DATE = 10/7/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20 AT IL ROUTE 73
SUMMARY OF QUANTITIES

SCALE: N.T.S. / in. | SHEET 18 OF 18 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	21
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

REV. 11/19/25 REV. 11/18/25REV. 11/17/25

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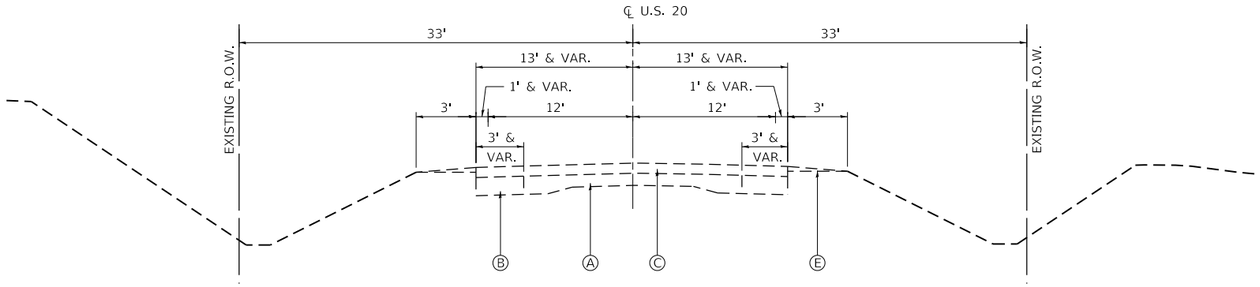
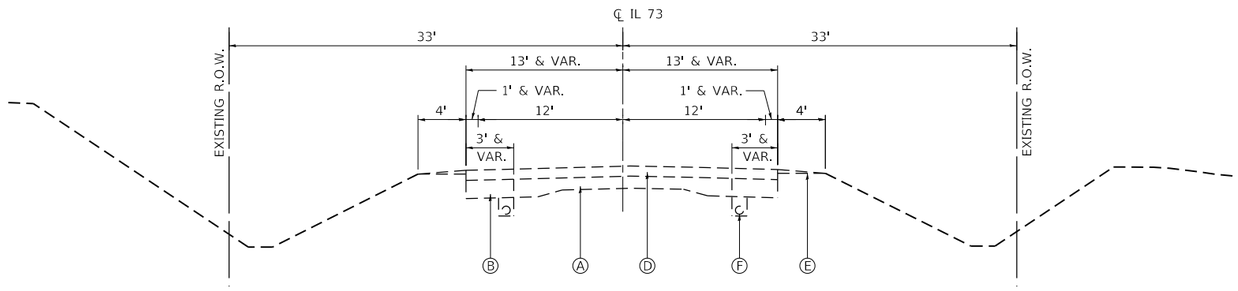
EXISTING

- Ⓐ PORTLAND CEMENT CONCRETE PAVEMENT 9-6-9
- Ⓑ HOT-MIX ASPHALT WIDENING, 9"
- Ⓒ HOT-MIX ASPHALT, 11.1" AVG.
- Ⓓ HOT-MIX ASPHALT, 8.8" AVG.
  (STA. 570+35 TO STA. 579+08.98)
  HOT-MIX ASPHALT, 7.1" AVG.
  (STA. 579+08.98 TO STA. 599+44)
- Ⓔ AGGREGATE SHOULDERS
- Ⓕ PIPE UNDERDRAINS
- Ⓖ AGGREGATE BASE, 12"
- Ⓗ HMA SURFACE, 3"



① EXISTING TYPICAL SECTION – U.S. 20

STA. 238+00 TO STA. 311+17.44



② EXISTING TYPICAL SECTION – IL 73

STA. 566+54 TO STA. 599+44

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PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -

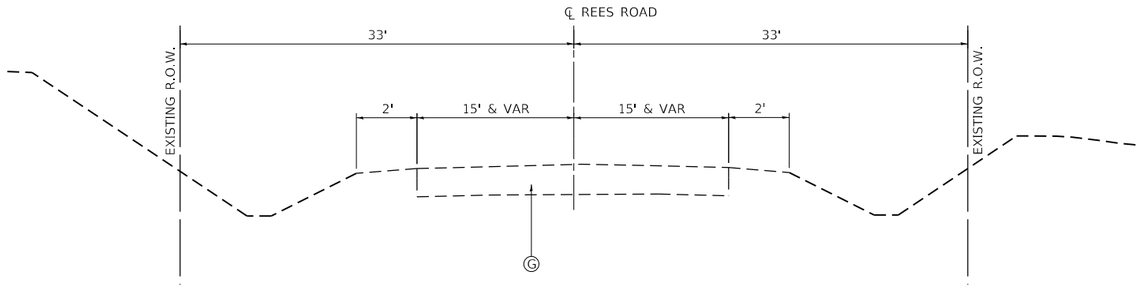
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20 AT IL ROUTE 73
EXISTING TYPICAL SECTIONS

SCALE: N.T.S. ' / in. | SHEET 1 OF 7 SHEETS | STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	22
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

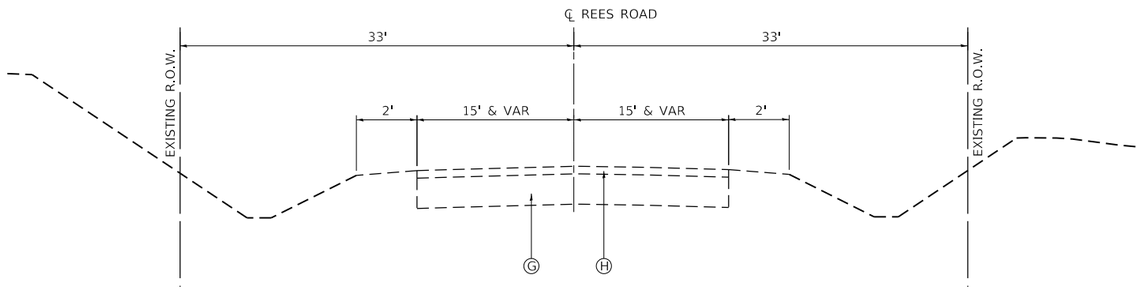


③ EXISTING TYPICAL SECTION – REES ROAD

STA. 210+54.16 TO STA. 211+36.61

EXISTING

- Ⓐ PORTLAND CEMENT CONCRETE PAVEMENT 9-6-9
- Ⓑ HOT-MIX ASPHALT WIDENING, 9"
- Ⓒ HOT-MIX ASPHALT, 11.1" AVG.
- Ⓓ HOT-MIX ASPHALT, 8.8" AVG.
  (STA. 570+35 TO STA. 579+08.98)
  HOT-MIX ASPHALT, 7.1" AVG.
  (STA. 579+08.98 TO STA. 599+44)
- Ⓔ AGGREGATE SHOULDERS
- Ⓕ PIPE UNDERDRAINS
- Ⓖ AGGREGATE BASE, 12"
- Ⓗ HMA SURFACE, 3"



④ EXISTING TYPICAL SECTION – REES ROAD

STA. 211+36.61 TO STA. 211+61.97
STA. 211+87.64 TO STA. 213+00.00

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PLOT SCALE = 10.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -

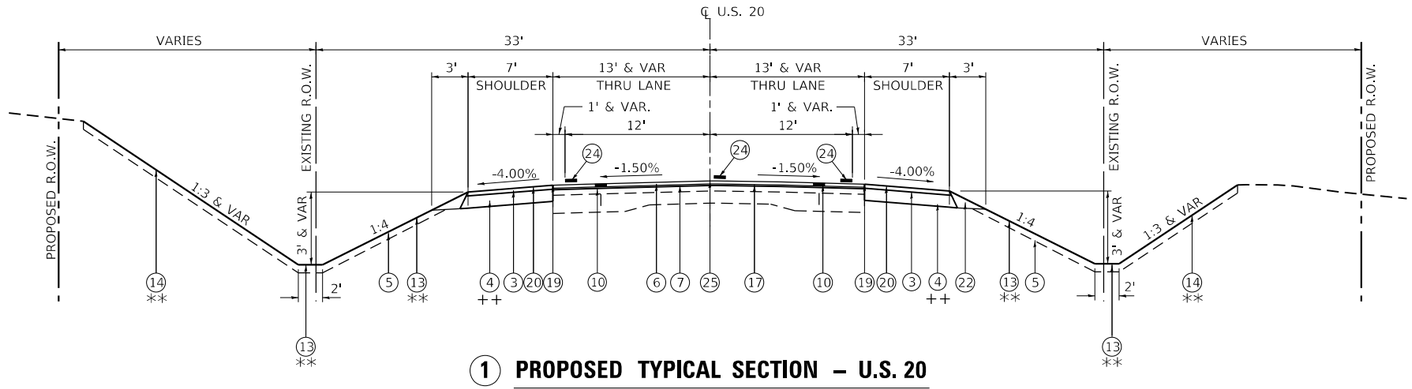
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20 AT IL ROUTE 73
EXISTING TYPICAL SECTIONS

SCALE: N.T.S. / in. SHEET 2 OF 7 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	23
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

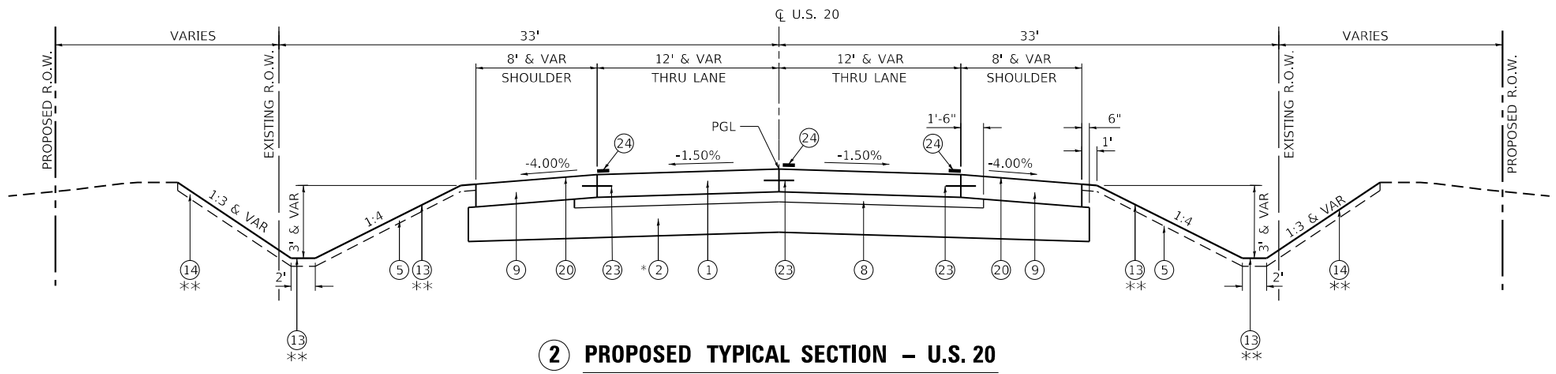


① PROPOSED TYPICAL SECTION – U.S. 20

STA. 238+00 TO STA. 244+00
STA. 278+30 TO STA. 311+17.44

++ NOTE: HOT-MIX ASPHALT SHOULDER SHALL BE 8" IN AREA OF STAGE CONSTRUCTION OF CULVERTS.

STRUCTURAL DESIGN TRAFFIC:	Year 2018
PV= 6280	SU= 340 MU= 880
ROAD/STREET CLASSIFICATION	Class Other Principal Arterial
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P= 50	S= 50 M= 50
TRAFFIC FACTOR:	Actual TF= 5.46 MIN. TF= 4.59
SUBGRADE SUPPORT RATING:	
SSR=	POOR



② PROPOSED TYPICAL SECTION – U.S. 20

STA. 244+00 TO STA. 247+85.43
STA. 267+29.89 TO STA. 278+30

* SEE SUBGRADE IMPROVEMENT SCHEDULE FOR DEPTH

LEGEND

1. PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED) 9"
2. *AGGREGATE SUBGRADE IMPROVEMENT 24", 27" WITH GEOTECHNICAL REINFORCEMENT
3. 1½" HOT-MIX ASPHALT SURFACE COURSE, IL 9.5 FG, MIX "C", N50
4. ++HOT-MIX ASPHALT SHOULDERS, 6½"
5. TOPSOIL FURNISH AND PLACE, 4"
6. 1½" HOT-MIX ASPHALT SURFACE COURSE, IL 9.5, MIX D, N70
7. 1¼" HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70
8. STABILIZED SUBBASE - HMA, 4"
9. PORTLAND CEMENT CONCRETE SHOULDER, 9"
10. PAVEMENT FABRIC (SPECIAL)
11. INCIDENTAL HOT MIX ASPHALT, (3")
12. AGGREGATE BASE COURSE, TYPE B, (12")
13. **SEEDING, CLASS 2A
14. **SEEDING, CLASS 4
15. NOT USED
16. TEMPORARY PAVEMENT, 7"
17. HOT-MIX ASPHALT SURFACE REMOVAL, 2¾"
18. SUB-BASE GRANULAR MATERIAL, TYPE B (12")
19. JOINT TRIMMING
20. SHOULDER RUMBLE STRIPS, 16"
21. PAVEMENT BREAKING
22. AGGREGATE WEDGE SHOULDER, TYPE B (8")
23. NO. 6 TIE BARS AT 36" CENTERS
24. PAVEMENT MARKING
25. LONGITUDINAL JOINT SEALANT
26. EXISTING AGGREGATE EMBANKMENT (INSTALLED IN CONTRACT 64U79)

**SEEDING CLASS 1A, IN FRONT OF RESIDENTIAL AND COMMERCIAL PROPERTIES

NOTE: ALL HMA MIX WEIGHTS ARE 112LBS/SQ YD/IN.

MODEL: Default
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TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -	

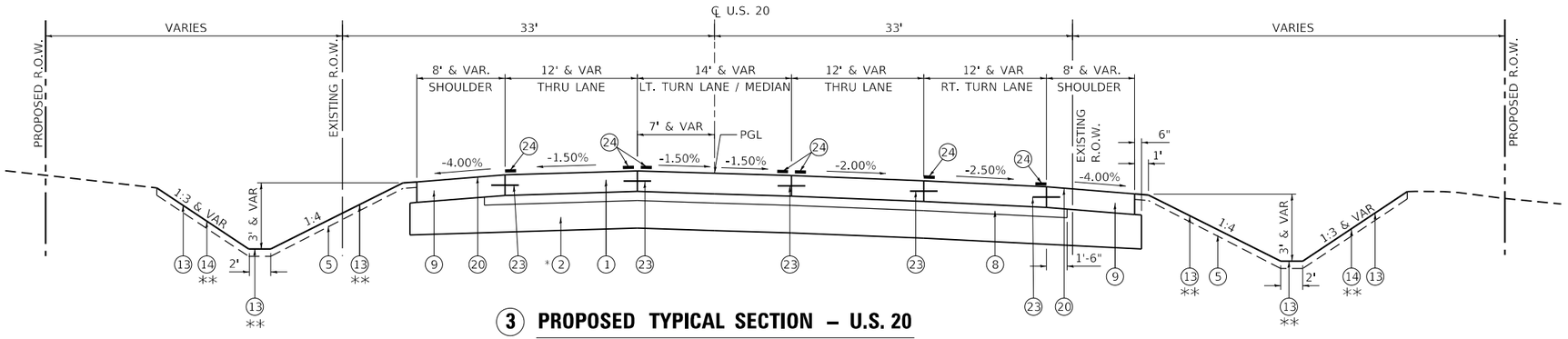
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
PROPOSED TYPICAL SECTIONS

SCALE: N.T.S. / in SHEET 3 OF 7 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	24
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

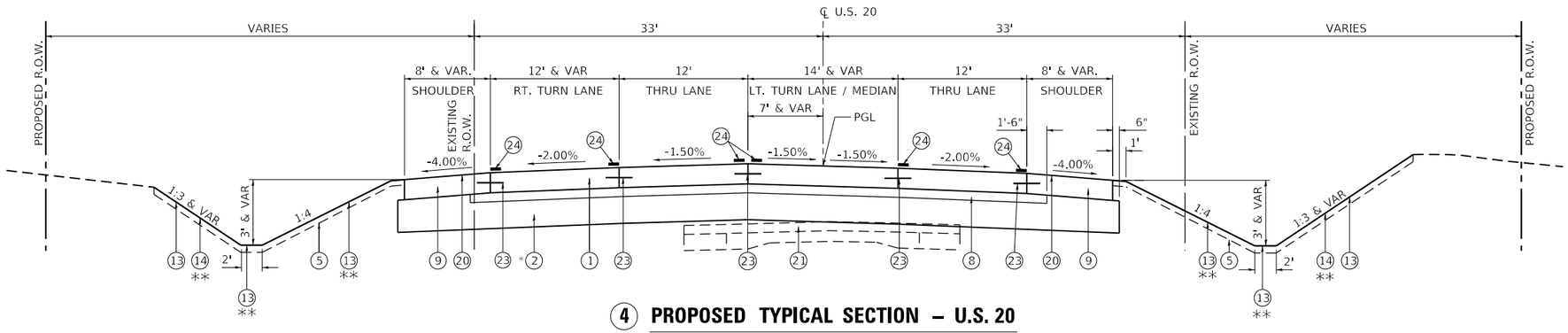
* FAP 301, FAP 654, FAS 1087



③ PROPOSED TYPICAL SECTION – U.S. 20

STA. 247+85.43 TO STA. 257+57.66

* SEE SUBGRADE IMPROVEMENT SCHEDULE FOR DEPTH



④ PROPOSED TYPICAL SECTION – U.S. 20

STA. 257+57.66 TO STA. 267+29.89

* SEE SUBGRADE IMPROVEMENT SCHEDULE FOR DEPTH

LEGEND

1. PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED) 9"
2. *AGGREGATE SUBGRADE IMPROVEMENT 24", 27" WITH GEOTECHNICAL REINFORCEMENT
3. 1½" HOT-MIX ASPHALT SURFACE COURSE, IL 9.5 FG, MIX "C", N50
4. ++HOT-MIX ASPHALT SHOULDERS, 6½"
5. TOPSOIL FURNISH AND PLACE, 4"
6. 1½" HOT-MIX ASPHALT SURFACE COURSE, IL 9.5, MIX D, N70
7. 1¼" HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70
8. STABILIZED SUBBASE - HMA, 4"
9. PORTLAND CEMENT CONCRETE SHOULDER, 9"
10. PAVEMENT FABRIC (SPECIAL)
11. INCIDENTAL HOT MIX ASPHALT, (3")
12. AGGREGATE BASE COURSE, TYPE B, (12")
13. **SEEDING, CLASS 2A
14. **SEEDING, CLASS 4
15. NOT USED
16. TEMPORARY PAVEMENT, 7"
17. HOT-MIX ASPHALT SURFACE REMOVAL, 2¾"
18. SUB-BASE GRANULAR MATERIAL, TYPE B (12")
19. JOINT TRIMMING
20. SHOULDER RUMBLE STRIPS, 16"
21. PAVEMENT BREAKING
22. AGGREGATE WEDGE SHOULDER, TYPE B (8")
23. NO. 6 TIE BARS AT 36" CENTERS
24. PAVEMENT MARKING
25. LONGITUDINAL JOINT SEALANT
26. EXISTING AGGREGATE EMBANKMENT (INSTALLED IN CONTRACT 64U79)

**SEEDING CLASS 1A, IN FRONT OF RESIDENTIAL AND COMMERCIAL PROPERTIES

NOTE: ALL HMA MIX WEIGHTS ARE 112LBS/SQ YD/IN.

MODEL: Default
FILE NAME: P:\Civil_IDOT_DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 (ena_3117091)\CAD Sheets\D2642-27-4ht-typical.dgn

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TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -

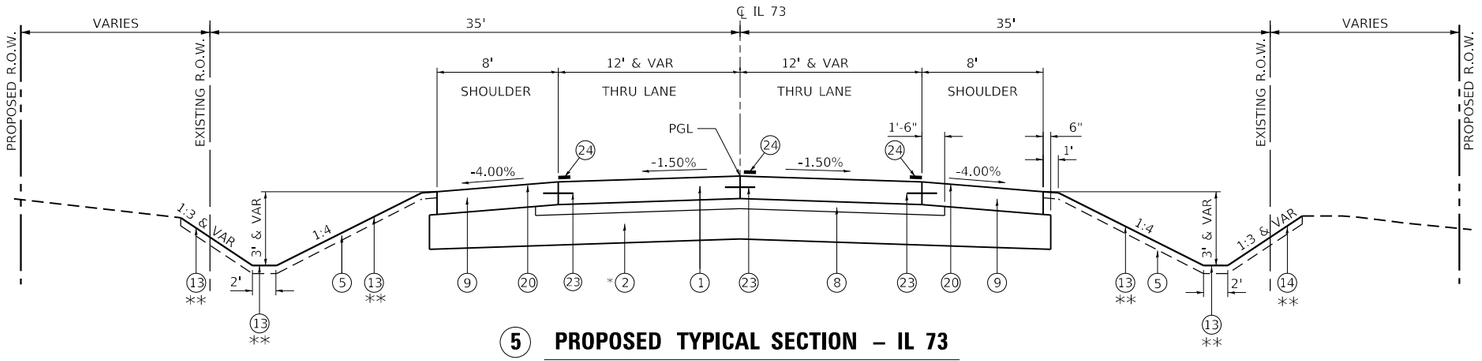
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
PROPOSED TYPICAL SECTIONS

SCALE: N.T.S. ' / in | SHEET 4 OF 7 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	25
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

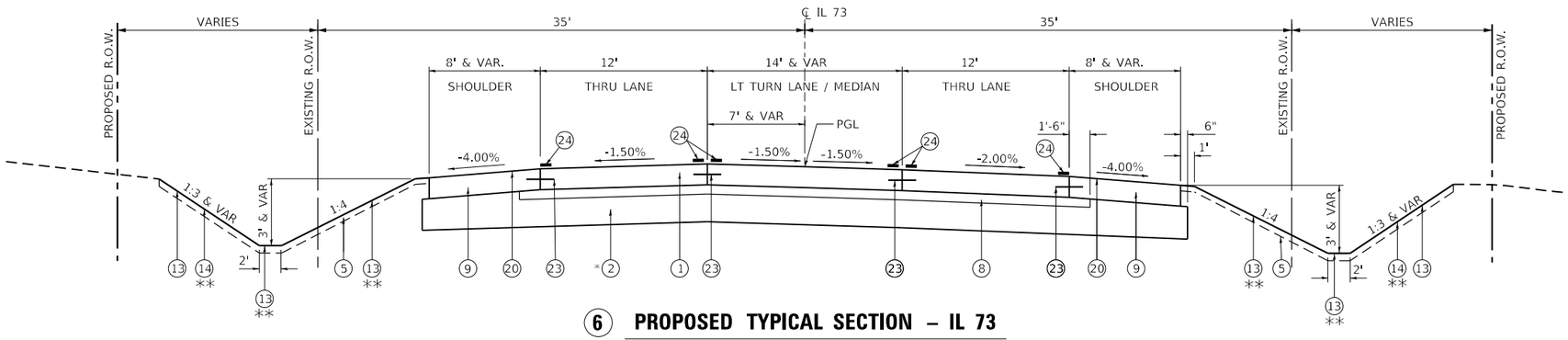


5 PROPOSED TYPICAL SECTION – IL 73

STA. 570+35 TO STA. 570+67.37

STRUCTURAL DESIGN TRAFFIC:	Year	2018	
PV= 6280	SU= 340	MU= 880	
ROAD/STREET CLASSIFICATION	Class	Other Principal Arterial	
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:			
P= 50	S= 50	M= 50	
TRAFFIC FACTOR:	Actual TF= 5.46	MIN. TF= 4.59	
SUBGRADE SUPPORT RATING:			
SSR= POOR			

* SEE SUBGRADE IMPROVEMENT SCHEDULE FOR DEPTH



6 PROPOSED TYPICAL SECTION – IL 73

STA. 570+67.37 TO STA. 587+50.60

* SEE SUBGRADE IMPROVEMENT SCHEDULE FOR DEPTH

LEGEND

1. PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED) 9"
2. *AGGREGATE SUBGRADE IMPROVEMENT 24", 27" WITH GEOTECHNICAL REINFORCEMENT
3. 1½" HOT-MIX ASPHALT SURFACE COURSE, IL 9.5 FG, MIX "C", N50
4. ++HOT-MIX ASPHALT SHOULDERS, 6½"
5. TOPSOIL FURNISH AND PLACE, 4"
6. 1½" HOT-MIX ASPHALT SURFACE COURSE, IL 9.5, MIX D, N70
7. 1¼" HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70
8. STABILIZED SUBBASE - HMA, 4"
9. PORTLAND CEMENT CONCRETE SHOULDER, 9"
10. PAVEMENT FABRIC (SPECIAL)
11. INCIDENTAL HOT MIX ASPHALT, (3")
12. AGGREGATE BASE COURSE, TYPE B, (12")
13. **SEEDING, CLASS 2A
14. **SEEDING, CLASS 4
15. NOT USED
16. TEMPORARY PAVEMENT, 7"
17. HOT-MIX ASPHALT SURFACE REMOVAL, 2¾"
18. SUB-BASE GRANULAR MATERIAL, TYPE B (12")
19. JOINT TRIMMING
20. SHOULDER RUMBLE STRIPS, 16"
21. PAVEMENT BREAKING
22. AGGREGATE WEDGE SHOULDER, TYPE B (8")
23. NO. 6 TIE BARS AT 36" CENTERS
24. PAVEMENT MARKING
25. LONGITUDINAL JOINT SEALANT
26. EXISTING AGGREGATE EMBANKMENT (INSTALLED IN CONTRACT 64U79)

**SEEDING CLASS 1A, IN FRONT OF RESIDENTIAL AND COMMERCIAL PROPERTIES

NOTE: ALL HMA MIX WEIGHTS ARE 112LBS/SQ YD/IN.

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TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -			
PLOT SCALE = 10.0000 ' / in.	CHECKED - SJF	REVISED -			
PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -		SCALE: N.T.S. / in SHEET 5 OF 7 SHEETS STA. TO STA.	

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	26
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

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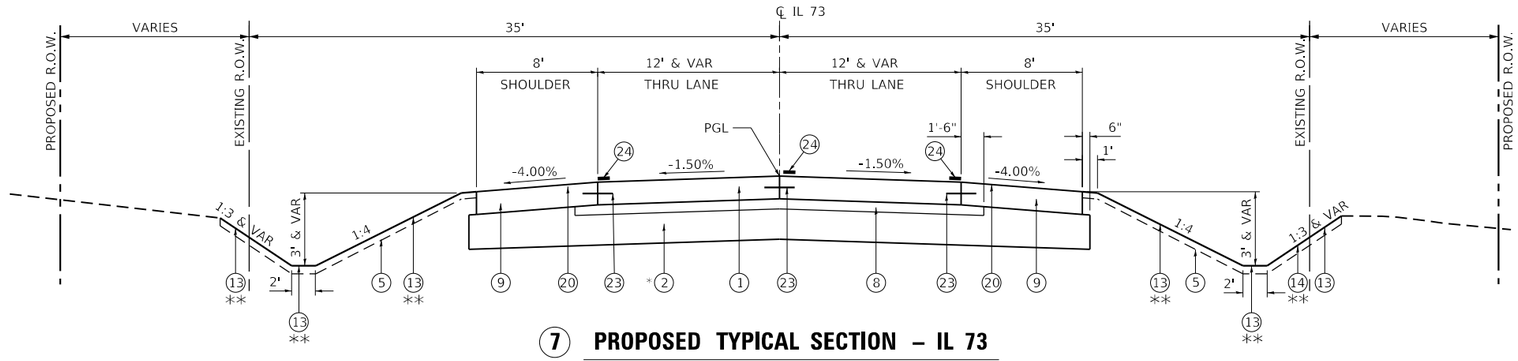
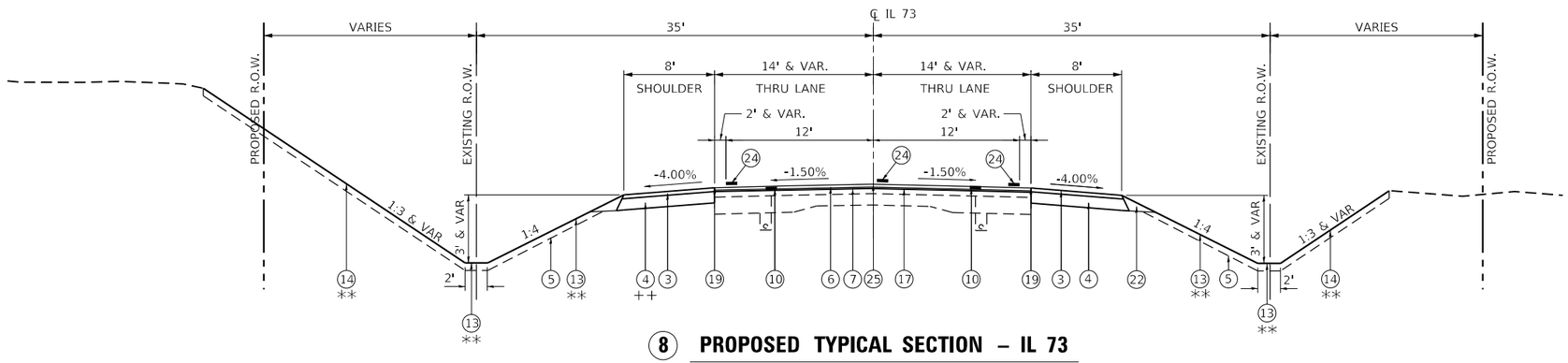


⑦ PROPOSED TYPICAL SECTION – IL 73

STA. 587+50.60 TO STA. 589+00

* SEE SUBGRADE IMPROVEMENT SCHEDULE FOR DEPTH



⑧ PROPOSED TYPICAL SECTION – IL 73

STA. 589+00 TO STA. 599+44

++ NOTE: HOT-MIX ASPHALT SHOULDER SHALL BE 8" IN AREA OF STAGE CONSTRUCTION OF CULVERTS.

LEGEND

1. PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED) 9"
2. *AGGREGATE SUBGRADE IMPROVEMENT 24", 27" WITH GEOTECHNICAL REINFORCEMENT
3. 1½" HOT-MIX ASPHALT SURFACE COURSE, IL 9.5 FG, MIX "C", N50
4. ++HOT-MIX ASPHALT SHOULDERS, 6½"
5. TOPSOIL FURNISH AND PLACE, 4"
6. 1½" HOT-MIX ASPHALT SURFACE COURSE, IL 9.5, MIX D, N70
7. 1¼" HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70
8. STABILIZED SUBBASE - HMA, 4"
9. PORTLAND CEMENT CONCRETE SHOULDER, 9"
10. PAVEMENT FABRIC (SPECIAL)
11. INCIDENTAL HOT MIX ASPHALT, (3")
12. AGGREGATE BASE COURSE, TYPE B, (12")
13. **SEEDING, CLASS 2A
14. **SEEDING, CLASS 4
15. NOT USED
16. TEMPORARY PAVEMENT, 7"
17. HOT-MIX ASPHALT SURFACE REMOVAL, 2¾"
18. SUB-BASE GRANULAR MATERIAL, TYPE B (12")
19. JOINT TRIMMING
20. SHOULDER RUMBLE STRIPS, 16"
21. PAVEMENT BREAKING
22. AGGREGATE WEDGE SHOULDER, TYPE B (8")
23. NO. 6 TIE BARS AT 36" CENTERS
24. PAVEMENT MARKING
25. LONGITUDINAL JOINT SEALANT
26. EXISTING AGGREGATE EMBANKMENT (INSTALLED IN CONTRACT 64U79)

**SEEDING CLASS 1A, IN FRONT OF RESIDENTIAL AND COMMERCIAL PROPERTIES

NOTE: ALL HMA MIX WEIGHTS ARE 112LBS/SQ YD/IN.

MODEL: Default
FILE NAME: P:\Civil_IDOT_DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 (Lena 3117091)\CAD Sheets\02642-27-sht-typical.dgn

The Upchurch Group
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Professional Design Firm Corporation License No. 184-003401
123 North 15th Street Mattoon, IL 61938 Phone: 217.235.3177
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USER NAME = Sta42	DESIGNED - SJF	REVISED -	
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -	

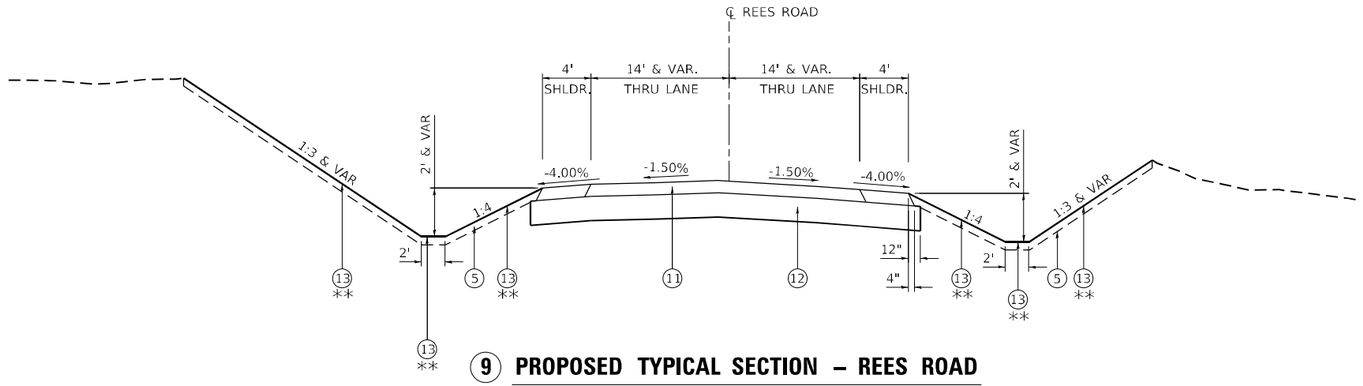
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 73
PROPOSED TYPICAL SECTIONS

SCALE: N.T.S. ' / in | SHEET 6 OF 7 SHEETS | STA. | TO STA.

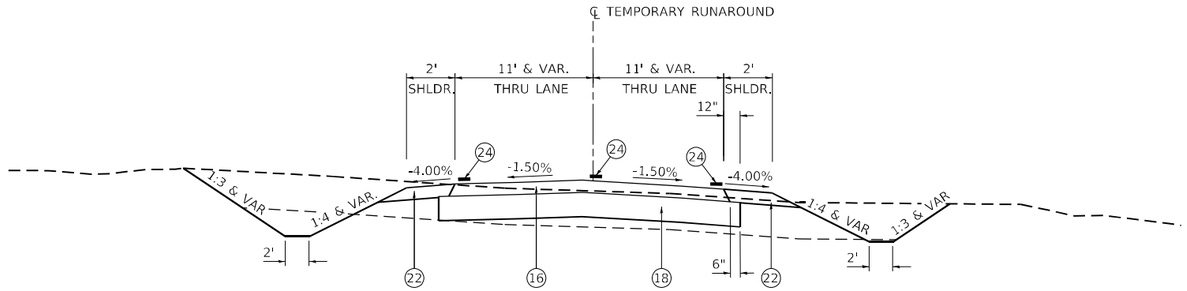
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	27
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087



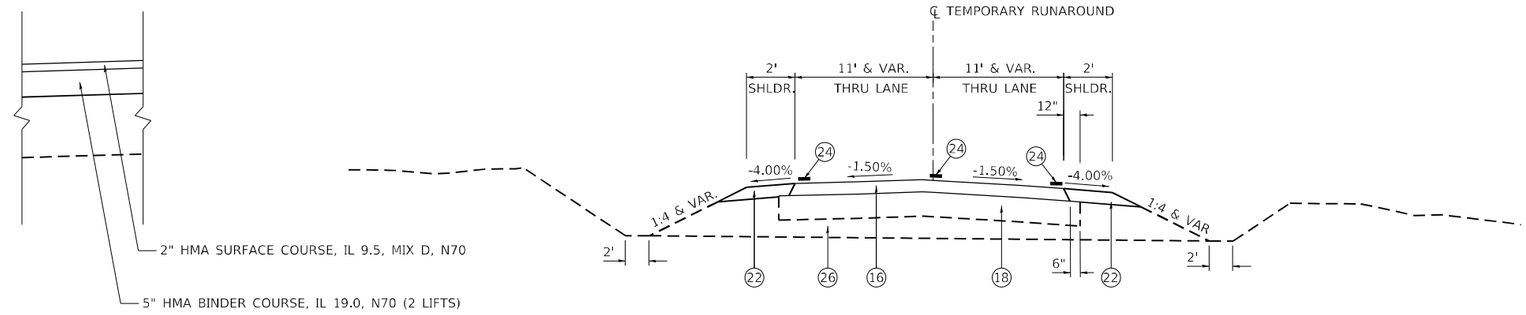
9 PROPOSED TYPICAL SECTION – REES ROAD

STA. 210+54.16 TO STA. 211+62
STA. 211+88 TO STA. 213+00



10 PROPOSED TYPICAL SECTION – TEMPORARY RUNAROUND

STA. 1238+00 TO STA. 1242+00
STA. 1257+00 TO STA. 1258+65
STA. 1273+50 TO STA. 1277+73.30



11 PROPOSED TYPICAL SECTION – TEMPORARY RUNAROUND

STA. 1242+00 TO STA. 1257+00
STA. 1258+65 TO STA. 1273+50

TEMPORARY PAVEMENT

LEGEND

1. PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED) 9"
2. *AGGREGATE SUBGRADE IMPROVEMENT 24", 27" WITH GEOTECHNICAL REINFORCEMENT
3. 1½" HOT-MIX ASPHALT SURFACE COURSE, IL 9.5 FG, MIX "C", N50
4. ++HOT-MIX ASPHALT SHOULDERS, 6½"
5. TOPSOIL FURNISH AND PLACE, 4"
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7. 1¼" HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70
8. STABILIZED SUBBASE - HMA, 4"
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10. PAVEMENT FABRIC (SPECIAL)
11. INCIDENTAL HOT MIX ASPHALT, (3")
12. AGGREGATE BASE COURSE, TYPE B, (12")
13. **SEEDING, CLASS 2A
14. **SEEDING, CLASS 4
15. NOT USED
16. TEMPORARY PAVEMENT, 7"
17. HOT-MIX ASPHALT SURFACE REMOVAL, 2¾"
18. EXISTING SUB-BASE GRANULAR MATERIAL, TYPE B (12") - INSTALLED IN CONTRACT 64U79
19. JOINT TRIMMING
20. SHOULDER RUMBLE STRIPS, 16"
21. PAVEMENT BREAKING
22. AGGREGATE WEDGE SHOULDER, TYPE B (8")
23. NO. 6 TIE BARS AT 36" CENTERS
24. PAVEMENT MARKING
25. LONGITUDINAL JOINT SEALANT
26. EXISTING AGGREGATE MATERIAL - INSTALLED IN CONTRACT 64U79

**SEEDING CLASS 1A, IN FRONT OF RESIDENTIAL AND COMMERCIAL PROPERTIES

NOTE: ALL HMA MIX WEIGHTS ARE 112LBS/SQ YD/IN.

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TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 10/2/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REES ROAD & TEMPORARY RUNAROUND
PROPOSED TYPICAL SECTIONS

SCALE: N.T.S. / in. SHEET 7 OF 7 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	28
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087

MODEL: Default
FILE NAME: P:\Civil_IDOT_DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Lena_3117091\CAD Sheets\02641 27-cnt-typical.dgn

PAVEMENT, SHOULDER & SURFACE REMOVAL SCHEDULE

ROUTE	STATION	TO STATION	LT/RT	LENGTH	WIDTH	40600990 TEMPORARY RAMP	44000100 PAVEMENT REMOVAL	44000160 HMA SURFACE REMOVAL, 2 3/4"	Z0004638 PAVEMENT BREAKING
				FOOT	FOOT	SQ YD	SQ YD	SQ YD	SQ YD
US 20	238+00	238+10	LT/RT	10.0	26.73	29.7			
US 20	238+10	244+00	LT/RT	590.0	26.97			1,768.0	
US 20	244+00	244+10	LT/RT	10.0	26.65	29.6			
US 20	244+10	257+58	LT/RT	1358.0	26.42		3,979.3		
US 20	257+58	266+80	LT/RT	922.0	26.00				2,690
US 20	266+80	278+30	LT/RT	1150.0	26.42		3,337.4		
US 20	278+20	278+30	LT/RT	10.0	26.43	29.4			
US 20	278+30	311+07	LT/RT	3277.0	26.40			9,637.6	
US 20	311+07	311+17	LT/RT	10.0	39.70	43.7			
IL 73	566+54	566+84	RT	30.0	16.80			56.1	
IL 73	570+35	570+45	LT/RT	10.0	25.90	28.8			
IL 73	570+45	578+96	LT/RT	851.0	30.15		2,855.5		
IL 73	579+21	588+90	LT/RT	969.0	VAR		3,474.5		
IL 73	588+90	589+00	LT/RT	10.0	28.13	31.3			
IL 73	589+00	599+34	LT/RT	1034.0	28.17			3,237.0	
IL 73	599+34	599+44	LT/RT	10.0	28.89	32.1			
					TOTAL	**224.6**	**13,646.7**	**14,698.7**	**2,690.3**
					ROUNDED TOTAL	**225**	**13,647**	**14,699**	**2,691**

PIPE CULVERT & STORM SEWER REMOVAL SCHEDULE

ROUTE	STATION	LT/RT	SIZE (IN.)	HEADWALL(S)	X5015225 PIPE CULVERT REMOVAL (SPECIAL)	X5510100 STORM SEWER REMOVAL
					FOOT	FOOT
US 20	260+48.01	RT	18	2	28	
US 20	270+96.82	RT	18	2	25	
IL 73	574+21.64	LT	15	2	51	
IL 73	576+93.36	RT	15	2	68	
IL 73	577+88.75	LT/RT	24	2	89	
IL 73	580+00	LT	12	1		32
IL 73	589+20.11	RT	15	2	41	
IL 73	591+68.51	RT	18	2	16	
IL 73	593+73	RT	15	2	21	
IL 73	593+96.92	LT	18	2	45	
IL 73	594+43.98	RT	15	2	44	
REES RD*	310+65.08	RT	36 EQRS	2	47	
REES RD*	310+65.08	LT	18	2	42	
RA	1242+52	LT	24		104	
RA	1263+78	LT	48		460	
				TOTAL	**1081**	**32**

*US20 STATION

REMOVAL OF STRUCTURES SCHEDULE

ROUTE	STATION	DESCRIPTION	50100300 REMOVAL OF EXISTING STRUCTURE NO. 1	50100400 REMOVAL OF EXISTING STRUCTURE NO. 2	50100500 REMOVAL OF EXISTING STRUCTURE NO. 3	50100600 REMOVAL OF EXISTING STRUCTURE NO. 4	50100700 REMOVAL OF EXISTING STRUCTURE NO. 5	50100800 REMOVAL OF EXISTING STRUCTURE NO. 6	50100900 REMOVAL OF EXISTING STRUCTURE NO. 7	50101000 REMOVAL OF EXISTING STRUCTURE NO. 8
			EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
US 20	242+58.00	2'x2' RC BOX CULVERT, 39.4' LENGTH W/ HEADWALLS	1							
US 20	264+07.00	10'x5' RC BOX CULVERT, 63' LENGTH W/ HEADWALLS		1						
US 20	286+45.00	2'x2' RC BOX CULVERT, 39.4' LENGTH W/ HEADWALLS & CONCRETE COLLAR			1					
US 20	306+87.00	3'x2' RC BOX CULVERT, 31.7' LENGTH W/ HEADWALLS & CONCRETE COLLAR				1				
IL 73	574+74.54	2'x3' RC BOX CULVERT, 36' LENGTH W/ HEADWALL & DROP BOX					1			
IL 73	580+75.00	3'x2' RC BOX CULVERT, 44' LENGTH W/ HEADWALLS						1		
IL 73	590+37.00	3'x2' RC BOX CULVERT, 42.3' LENGTH W/ HEADWALLS							1	
IL 73	595+92.70	6'x4' RC BOX CULVERT, 50.4' LENGTH @ 13° SKEW W/ HEADWALLS								1
		TOTAL	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**

BUILDING REMOVAL SCHEDULE

ROUTE	STATION	LT/RT	Z0007601 BUILDING REMOVAL NO. 1	Z0049901 REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 1
			L SUM	L SUM
IL 73	594+80	LT	1	1
		TOTAL	**1**	**1**

ROCK EXCAVATION FOR STRUCTURE SCHEDULE

ROUTE	ITEM	STATION	LT/RT	50200400 ROCK EXCAVATION FOR STRUCTURE
				CU YD
US 20	TRAFFIC SIGNAL FOUNDATION	256+79	47' LT	1.0
US 20	TRAFFIC SIGNAL FOUNDATION	258+40	44' RT	0.5
IL 73	TRAFFIC SIGNAL FOUNDATION	578+48	50' LT	0.5
IL 73	TRAFFIC SIGNAL FOUNDATION	579+70	51' RT	1.0
			TOTAL	**3.0**
			ROUNDED TOTAL	**3**

SIDEWALK REMOVAL SCHEDULE

ROUTE	STATION	LT/RT	LT/RT	LENGTH	WIDTH	44000600 SIDEWALK REMOVAL
				FOOT	FOOT	SQ FT
IL 73	593+73	LT 19.3'	LT 55'	35.7	3.5	125.0
					TOTAL	**125**
					ROUNDED TOTAL	**125**

FLARED END SECTION REMOVAL

ROUTE	STATION	LT / RT	X5427602 REMOVE EXISTING FLARED END SECTION
			EACH
US 20	294+17.94	LT	3
US 20	294+17.94	RT	3
		TOTAL	**6**

FOUNDATION REMOVAL SCHEDULE

ROUTE	STATION	LT/RT	X5011100 FOUNDATION REMOVAL
			EACH
IL 73	595+63	LT	1
		TOTAL	**1**

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PLOT DATE = 10/8/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20 AT IL ROUTE 73
SCHEDULE OF QUANTITIES

SCALE: N.T.S. / in. | SHEET 1 OF 17 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	29
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

MODEL: Default
FILE NAME: P:\Civil\IDOT DIST2\IDOT 2 nrtb 182-11 US 20 at IL 73 Lena 3117091\CAD Sheets\D2764_27-sht-schedule.dgn

EARTHWORK SCHEDULE

ROUTE	STATION TO STATION		20200100 EARTH EXCAVATION (CUT)	EMBANKMENT (FILL)	EARTH EXCAVATION ADJUSTED SHRINKAGE 25% EARTH	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
			CU YD	CU YD	CU YD	CU YD
US 20, STAGE 1B	296+84.5	310+05	795	212	596	384
US 20, STAGE 1A	283+22	289+93	231	227	173	-54
US 20, STAGE 1C & 1D	298+28.5	309+11	1172	325	879	554
US 20, STAGE 1E & 1F	283+96	288+99	387	365	290	-74
US 20	278+30	312+00	10303	1126	7727	6602
REES RD,	210+54.16	213+00	383	1	287	286
RUNAROUND	1239+00	1278+00	739	1047	554	-493
US 20, STAGE 2, 3 & 4	238+00	278+30	35200	19784	26400	6617
IL 73, STAGE 2, 3 & 4	570+00	600+00	26065	2271	19549	17278
RUNAROUND REMOVAL *	1239+00	1274+00	11843	3288	8882	5594
		FINAL TOTAL	**87,118**	**28,644**	**65,339**	**36,694**

* THE AGGREGATE MATERIAL EXCAVATED IN THIS STAGE IS NOT AVAILABLE TO BE USED AS EMBANKMENT.

AGGREGATE SCHEDULE

ROUTE	STATION TO STATION		LT/RT	LENGTH	WIDTH	DEPTH	31101000 * SUBBASE GRANULAR MATERIAL, TYPE B	48102100 AGGREGATE WEDGE SHOULDER, TYPE B
				FOOT	FOOT	INCH	TON	TON
US 20	299+12.50	308+07.40	RT	894.9	3	4 AVG		67.3
US 20	238+00	244+00	LT/RT	600	3	4 AVG		90.2
US 20	278+30	311+17.44	LT/RT	3287.44	3	4 AVG		494.2
IL 73	589+00	599+44	LT/RT	1044	3	4 AVG		156.9
RA	1239+09.88	1242+00	LT/RT	VAR	VAR	12	308.6	
RA	1242+00	1257+00	LT/RT	1500	24.25	VAR	* 275.2	
RA	1257+00	1258+65	LT/RT	165	24.25	12	302.8	
RA	1258+65	1273+50	LT/RT	1485	24.25	VAR	* 272.5	
RA	1273+50	1277+73.30	LT/RT	VAR	VAR	12	499.6	
RA	1239+50	1277+10	LT	3760	2.67	8		510.7
RA	1241+00	1275+45	RT	3445	2.67	8		467.9
						TOTAL	**1,658.7**	**1,787.2**
						ROUNDED TOTAL	**1,659**	**1,788**

* PROVISIONAL QUANTITIES HAVE BEEN INCLUDED IN THE CONTRACT. LOCATIONS TO BE DETERMINED BY THE ENGINEER

EXPLORATION TRENCH SCHEDULE

ROUTE	STATION TO STATION		LT/RT	21301052 * EXPLORATION TRENCH 52" DEPTH	61133100 FIELD TILE JUNCTION VAULTS, 2' DIA.	61133200 FIELD TILE JUNCTION VAULTS, 3' DIA.	61133300 FIELD TILE JUNCTION VAULTS, 4' DIA.	61133400 FIELD TILE JUNCTION VAULTS, 5' DIA.	61139900 STORM SEWERS (SPECIAL), 6"	61140000 STORM SEWERS (SPECIAL), 8"
				FOOT	EACH	EACH	EACH	EACH	FOOT	FOOT
US 20	231+00	244+00	LT							2660
US 20	244+00	278+30	LT	50	1	1	1	1		
US 20	244+00	278+30	RT	50	1	1	1	1		
US 20	284+00	311+17.44	RT						2610	
IL 73	570+35	589+00	LT	50	1	1	1	1		
IL 73	570+35	589+00	RT	50	1	1	1	1		
			TOTAL	**200**	**4**	**4**	**4**	**4**	**2,610**	**2,660**

*PROVISIONAL QUANTITIES HAVE BEEN INCLUDED IN THE CONTRACT. LOCATIONS TO BE DETERMINED BY THE ENGINEER

TEMPORARY PAVEMENT SCHEDULE

ROUTE		STATION TO STATION		40600275 BITUMINOUS MATERIALS (PRIME COAT)	40600295 POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	X4400110 TEMPORARY PAVEMENT REMOVAL	Z0062456 TEMPORARY PAVEMENT
				POUND	POUND	SQ YD	SQ YD
STAGE 1	RA	1239+09.88	1277+73.30	20323.0	8129.2	9032.4	9032.4
STAGE 3	US 20	274+25	274+83	377.0	150.8	167.6	167.6
STAGE 3A	US 20	274+25	280+44.4	1161.8	464.7	516.3	516.3
			TOTAL	**21,861.8**	**8,744.7**	**9,716.3**	**9,716.3**
			ROUNDED TOTAL	**21,862**	**8,745**	**9,717**	**9,717**

GUARDRAIL REMOVAL SCHEDULE

ROUTE	STATION	STATION	LT/RT	63200310 GUARDRAIL REMOVAL
				FOOT
US 20	242+21.00	242+84.00	LT	63.2
US 20	263+05.60	265+07.80	LT	202.2
US 20	262+67.80	265+08.20	RT	240.8
US 20	286+13.90	286+77.40	LT	63.5
US 20	286+13.30	286+76.50	RT	63.3
US 20	306+54.13	307+18.56	LT	64.5
US 20	306+54.69	307+19.64	RT	65.1
IL 73	574+22.37	575+22.70	RT	100.4
IL 73	575+14.13	576+14.98	LT	100.9
IL 73	589+83.82	590+83.69	RT	99.9
IL 73	595+44.40	596+45.00	LT	100.7
IL 73	595+45.05	596+45.98	RT	101.0
RA	1250+72.60	1253+22.6	RT	250.0
			TOTAL	**1,515.5**
			ROUNDED TOTAL	**1,516**

DELINEATORS SCHEDULE

ROUTE	STATION	LT/RT	63500105 DELINEATORS
			EACH
US 20	242+39	LT/RT	2
US 20	242+55	RT	1
US 20	242+63	LT	1
US 20	242+76	LT/RT	2
US 20	263+33	RT	1
US 20	263+57	LT	1
US 20	286+25	LT/RT	2
US 20	286+37	RT	1
US 20	286+54	LT	1
US 20	293+90	RT	1
US 20	294+47	LT	1
US 20	300+18	RT	1
US 20	300+32	LT	1
US 20	300+37.5	LT/RT	2
US 20	306+81	RT	1
US 20	306+92	LT	1
US 20	307+02	LT/RT	2
IL 73	577+95	RT	1
IL 73	578+05	LT	1
IL 73	580+51	RT	1
IL 73	581+00	LT	1
IL 73	590+18	LT/RT	2
IL 73	590+30	RT	1
IL 73	590+39	LT	1
IL 73	595+60	LT/RT	2
IL 73	595+81	RT	1
IL 73	596+05	LT	1
		TOTAL	**34**

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PLOT DATE = 10/8/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20 AT IL ROUTE 73
SCHEDULE OF QUANTITIES

SCALE: N.T.S. / in. | SHEET 2 OF 17 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	30
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087

MODEL: Default
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SUBGRADE IMPROVEMENT SCHEDULE

ROUTE	STATION TO STATION		LENGTH	WIDTH	30300001 * AGGREGATE SUBGRADE IMPROVEMENT	30300124 AGGREGATE SUBGRADE IMPROVEMENT, 24"	30300127 AGGREGATE SUBGRADE IMPROVEMENT, 27"	X2100104 * GEOTECHNICAL REINFORCEMENT
			FOOT	FOOT	CU YD	SQ YD	SQ YD	SQ YD
US 20	238+00	244+00	600	26	57.8			173.3
US 20	244+00	245+48	148	41 & VAR		676.0		676.0
US 20	245+48	256+48	1100	VAR		6394.2		6394.2
US 20	256+48	268+48	1200	VAR		7487.4		7487.4
US 20	268+48	276+48	800	41		3644.4		3644.4
US 20	276+48	278+30	182	41 & VAR		830.4		830.4
US 20	278+30	311+17.4	3287.44	26	316.6			949.7
IL 73	570+35	573+69	334	VAR		1773.2		1773.2
IL 73	573+69	574+69	100	55			611.1	611.1
IL 73	574+69	578+16.19	347.16	VAR		2781.2		2781.2
IL 73	580+01.77	581+19	117.23	VAR		1368.6		1368.6
IL 73	581+79	587+69	650	VAR		3785.2		3785.2
IL 73	587+69	589+00	131	45		655.00		655.0
IL 73	589+00	599+00	1000	28	103.7			311.1
				TOTAL	**478.1**	**29,395.6**	**611.1**	**31,440.8**
				ROUNDED TOTAL	**479**	**29,396**	**611**	**31,441**

*PROVISIONAL QUANTITIES HAVE BEEN INCLUDED IN THE CONTRACT. LOCATIONS TO BE DETERMINED BY THE ENGINEER

SHOULDER SCHEDULE FOR STAGING

ROUTE	STATION TO STATION		LT/RT	LENGTH	WIDTH	AREA	44004250 PAVED SHOULDER REMOVAL	48101500 AGGREGATE SHOULDERS, TYPE B 6"	48203029 ++ HMA SHOULDER, 8"
				FOOT	FOOT	SQ FT	SQ YD	SQ YD	SQ YD
STAGE 1A	283+22	284+06	LT	84	7	588.0		65.3	
STAGE 1A	284+06	289+09	LT	503	VAR	4583.1	118.0	111.8	509.2
STAGE 1A	289+09	289+93	LT	84	7	588.0		65.3	
STAGE 1B	296+84.50	297+68.50	RT	84	7	588.0		65.3	
STAGE 1B	297+68.50	310+05	RT	1236.5	VAR	8655.5			961.7
STAGE 1C	298+28.50	299+12.50	LT	84	7	588.0		65.3	
STAGE 1C	299+12.50	308+27	LT	914.5	7	6401.5			711.3
STAGE 1C	308+27	309+11	LT	84	7	588.0		65.3	
STAGE 1E	283+96	284+62	RT	66	7	462.0		51.3	
STAGE 1E	284+62	288+28	RT	366	7	2562.0			284.7
STAGE 1E	288+28	288+99	RT	71	7	497.0		55.2	
STAGE 4C	278+30	280+20.1	LT	190.1	7	1504.3			167.1
					TOTAL		**118.0**	**545.0**	**2,634.0**
					ROUNDED TOTAL		**118**	**545**	**2,634**

++ HMA SHOULDER SHALL BE 8" IN AREA OF STAGE CONSTRUCTION OF CULVERTS

PAVEMENT PATCHING SCHEDULE

	ROUTE	STATION TO STATION		LT/RT	40601005 * HMA REPLACEMENT OVER PATCHES	44002244 * HMA REMOVAL OVER PATCHES, 11"	44201377 CLASS C PATCHES, TYPE II, 12"	44201383 CLASS C PATCHES, TYPE IV, 12"	44201713 CLASS D PATCHES, TYPE I, 6"	44201717 CLASS D PATCHES, TYPE II, 6"	44201789 CLASS D PATCHES, TYPE II, 12"	44201796 CLASS D PATCHES, TYPE IV, 12"
					TON	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD
*	US 20	238+00.00	244+00.00	LT/RT	53.4	86.7						
	US 20	278+30.00	311+17.40	LT/RT	292.5	474.9						
	IL 73	589+00.00	599+00.00	LT/RT	95.8	155.6						
STAGE 1C	US 20	300+16.00	300+34.00	LT								40.0
	US 20	300+16.00	300+34.00	RT							8.0	
	US 20	306+73.00	307+01.00	LT								62.2
	US 20	306+73.00	307+01.00	RT							12.4	
STAGE 1D	US 20	300+16.00	300+34.00	LT								40.0
	US 20	300+16.00	300+34.00	RT							8.0	
	US 20	306+73.00	307+01.00	LT								62.2
	US 20	306+73.00	307+01.00	RT							12.4	
STAGE 1E	US 20	286+20.10	286+70.10	LT			11.1					
	US 20	286+20.10	286+70.10	RT				77.8				
STAGE 1F	US 20	286+20.10	286+70.10	LT				92.2				
STAGE 4A	IL 73	590+18.00	590+56.00	LT/RT				119.1				
STAGE 4B	IL 73	595+60.00	596+20.00	LT/RT				188.0				
*GOOD NEIGHBOR POLICY									50.0	100.0		
				TOTAL	**441.7**	**717.1**	**11.1**	**477.1**	**50.0**	**100.0**	**40.8**	**204.4**
				ROUNDED TOTAL	**442**	**718**	**12**	**478**	**50**	**100**	**41**	**205**

*PROVISIONAL QUANTITIES HAVE BEEN INCLUDED IN THE CONTRACT. LOCATIONS TO BE DETERMINED BY THE ENGINEER

PCC PAVING SCHEDULE

ROUTE	STATION TO STATION		LT/RT	LENGTH	WIDTH	AREA	42000401 PCC PAVEMENT, 9" (JOINTED)	42001300 PROTECTIVE COAT
				FOOT	FOOT	SQ FT	SQ YD	SQ YD
US 20	244+00.00	247+85.43	LT/RT	385.43	VAR	9316.6	1035.2	1035.2
US 20	247+85.43	255+71.78	LT/RT	786.35	VAR	31077.5	3453.1	3453.1
US 20	255+71.78	259+43.54	LT/RT	371.76	VAR	22236.6	2470.7	2470.7
US 20	259+43.54	261+14.89	LT/RT	171.35	VAR	8567.5	951.9	951.9
US 20	261+14.89	267+29.89	LT/RT	615.00	VAR	22510.5	2501.2	2501.2
US 20	267+29.89	277+80.00	LT/RT	1050.11	VAR	25202.6	2800.3	2800.3
US 20	277+80.00	278+30.00	LT/RT	50.00	VAR	1260.9	140.1	140.1
IL 73	570+35.00	573+67.37	LT/RT	332.37	VAR	10451.3	1161.3	1161.3
IL 73	573+67.37	577+64.72	LT/RT	397.35	VAR	15099.3	1677.7	1677.7
IL 73	577+64.72	578+75.53	LT/RT	110.81	VAR	7265.2	807.2	807.2
IL 73	579+42.76	580+53.25	LT/RT	110.49	VAR	7215.3	801.7	801.7
IL 73	580+53.25	584+50.60	LT/RT	397.35	VAR	15099.3	1677.7	1677.7
IL 73	584+50.60	587+50.60	LT/RT	300.00	VAR	9900.0	1100.0	1100.0
IL 73	587+50.60	588+50.00	LT/RT	99.40	VAR	2783.2	309.2	309.2
IL 73	588+50.00	589+00.00	LT/RT	50.00	VAR	1402.1	155.8	155.8
					TOTAL		**21,043.1**	**21,043.1**
					ROUNED TOTAL		**21,043**	**21,043**

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USER NAME = Sta42	DESIGNED - SJF	REVISED -	
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 10/8/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20 AT IL ROUTE 73
SCHEDULE OF QUANTITIES

SCALE: N.T.S. in. | SHEET 3 OF 17 SHEETS | STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	31
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

MODEL: Default
FILE NAME: P:\Civil_IDOT DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Lena_3117091\CAD Sheets\D2641L27-sht-schedule.dgn

HOT-MIX ASPHALT SCHEDULE

ROUTE	STATION TO STATION		LT/RT	31200500	40600275	40600295	40600370	40600405	40602970	40604000	40604062	48203023	X4201650	X4401196
									1 1/4"	1 1/2"	1 1/2"			
				STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"	BITUMINOUS MATERIALS (PRIME COAT)	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	LONGITUDINAL JOINT SEALANT	MATERIAL TRANSFER DEVICE	HMA BINDER COURSE, IL-9.5FG, N70	HMA SURFACE COURSE, IL-9.5FG, MIX "C", N50	HMA SURFACE COURSE, IL-9.5, MIX "D", N70	HMA SHOULDER, 6 1/2"	PAVEMENT FABRIC (SPECIAL)	HMA SURFACE REMOVAL - LONGITUDINAL JOINT
				SQ YD	POUND	POUND	FOOT	TON	TON	TON	TON	SQ YD	SQ YD	SQ YD
US 20	238+00	244+00	LT/RT			2445.3	600.0	703.1	121.7	80.5	146	958.7	1738.0	83.3
US 20	244+00	278+30	LT/RT	14443.6	32497.8									
US 20	278+30	311+17.44	LT/RT			13397.6	3287.4	1466.6	666.7		799.9		9522.6	456.6
US 20	278+30	297+68.5	RT					703.3		130.1		1548.7		
US 20	309+21	311+17.44	RT					53.0		9.8		116.6		
US 20	278+30	282+62.3	LT					156.8		29.0		345.4		
US 20	290+31.9	311+17.44	LT					756.7		140.0		1666.1		
IL 73	566+54	566+84	RT			25.1		8.6	3.9		4.7		55.7	
IL 73	570+35	578+75.53	LT/RT	3934.7	8852.8									
IL 73	579+42.76	589+00	LT/RT	4371.7	9835.9									
IL 73	589+00	599+44	LT/RT			4488.7	1044.0	1364.3	227.9	159.6	273.5	1900.1	3256.2	145.0
*GOOD NEIGHBOR POLICY					3696.0			690.0		690.0				
			TOTAL	**22,750.0**	**54,882.5**	**20,356.7**	**4,931.4**	**5,902.4**	**1,020.2**	**1,239.0**	**1,224.1**	**6,535.6**	**14,572.5**	**684.9**
			ROUNDED TOTAL	**22,750**	**54,883**	**20,357**	**4,932**	**5,903**	**1,021**	**1,239**	**1,225**	**6,536**	**14,573**	**685**

*PROVISIONAL QUANTITIES HAVE BEEN INCLUDED IN THE CONTRACT. LOCATIONS TO BE DETERMINED BY THE ENGINEER

ENTRANCES / SIDEROADS SCHEDULE

LOCATION				CENTERLINE TO ROW	WIDTH AT SHOULDER	SHOULDER TO THROAT	THROAT WIDTH	THROAT TO TERMINI	TERMINI WIDTH	AREA	35101400 AGGREGATE BASE COURSE, TYPE B	40201000 AGGREGATE FOR TEMPORARY ACCESS	40600275 BITUMINOUS MATERIALS (PRIME COAT)	40600295 POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	40800050 INCIDENTAL HMA SURFACING
STATION	RT/LT	REMARKS	EXISTING SURFACE	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ YD	TON	TON	POUND	POUND	TON
US 20															
241+32.09	RT	FE	AGGREGATE	56.1	50.2	13.1	24.0	23.6	24.0	116.7	53.2	164.0			
260+48.01	RT	FE	AGGREGATE	100.0	48.0	12.0	24.0	61.0	24.0	210.7	96.0				
270+96.82	RT	FE	AGGREGATE	50.0	48.0	12.0	24.0	17.0	24.0	96.0	43.7	72.9			
273+74.90	LT	CE	HMA	60.3	54.0	12.0	30.0	27.3	30.0	268.4	122.3		338.3		18.9
279+39.65	RT	FE	AGGREGATE	50.0	49.1	12.5	24.0	17.0	24.0	97.6	44.4				
291+89.29	RT	FE	AGGREGATE	50.0	48.5	12.5	24.0	17.0	24.0	97.1	44.2				
292+15.02	LT	CE	HMA/AGG	60.6	61.1	21.3	35.0	19.9	35.0	181.7	82.8		408.9		22.9
299+98.03	RT	PE	HMA/AGG	60.0	38.3	13.1	12.0	27.0	12.0	72.3	32.9		81.4		4.6
303+34.29	RT	FE	AGGREGATE	60.0	50.0	13.1	24.0	27.0	24.0	125.6	57.2				
310+65.08	RT	REES RD	HMA/AGG	55.0	NA	NA	28.9	63.7	23.7	530.8	362.7		1191.6	238.9	89.0
310+65.08	LT	REES RD	HMA	55.0	NA	NA	24.0	71.3	19.5	487.2	332.9		1096.0	219.2	81.8
IL 73															
574+21.64	LT	CE	HMA	70.0	54.3	12.0	30.3	36.2	33.5	166.3	75.8	558.8	374.3		21.0
576+93.36	RT	PE	HMA/AGG	70.0	36.0	12.0	12.0	31.0	12.0	73.3	33.4	637.8	165.0		9.2
586+50.00	RT	FE	AGGREGATE	57.5	48.0	12.0	24.0	13.1	24.0	81.1	36.9				
586+58.63	LT	CE	HMA/AGG	70.0	39.2	11.3	16.6	76.2	19.5	185.7	84.6	364.4	85.8		4.8
589+14.11	RT	FE	AGGREGATE	50.0	48.0	12.0	24.0	20.3	24.0	101.4	46.2				
591+68.51	RT	FE	AGGREGATE	50.0	47.6	11.8	24.0	16.0	24.0	89.4	40.7				
593+96.92	LT	PE	HMA/AGG	82.1	35.3	11.3	12.0	55.9	12.0	134.0	61.1		67.1		3.8
594+43.98	RT	PE	HMA/AGG	55.0	35.1	11.6	12.0	21.1	12.0	58.5	26.7		68.4		3.8
599+37.60	RT	W GODDARD RD	HMA/AGG	55.0	NA	NA	20.0	0.0	20.0	108.2	73.9		243.5	48.7	18.2
REES ROAD															
210+92.00	LT	FE	AGGREGATE	54.7	62.3	18.8	24.0	16.4	24.0	116.5	53.1				
212+50.00	LT	FE	AGGREGATE	54.1	52.7	14.3	24.0	23.9	24.0	124.3	56.6				
										TOTAL	**1,861.3**	**1,797.9**	**4,120.3**	**506.8**	**278.0**
										ROUNDED TOTAL	**1,862**	**1,798**	**4,121**	**507**	**278**

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TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 10/8/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20 AT IL ROUTE 73
SCHEDULE OF QUANTITIES

SCALE: N.T.S. / in. | SHEET 4 OF 17 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	32
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

MODEL: Default
FILE NAME: P:\Civil\IDOT\DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Lena 3117091\CAD Sheets\D2764L27-alt-schedule.dgn

TEMPORARY CONCRETE BARRIER SCHEDULE

ROUTE		STATION	TO STATION	70106500 TEMPORARY BRIDGE TRAFFIC SIGNALS	70400100 TEMPORARY CONCRETE BARRIER	70400200 RELOCATE TEMPORARY CONCRETE BARRIER	70600250 IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	70600251 IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 3	70600350 IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3
				EACH	FOOT	FOOT	EACH	EACH	EACH
STAGE 1E	US 20	284+75	288+19.7	1	350.0		2		
STAGE 1F	US 20	285+20.3	287+69.8			250.0			2
STAGE 4C	US 20	274+35.8	279+60.4	1	525.0		1	1	
STAGE 4D	US 20	273+00.4	279+62.2		100.0	525.0	1		1
			TOTAL	**2**	**975.0**	**775.0**	**4**	**1**	**3**
			ROUNDED TOTAL	**2**	**975**	**775**	**4**	**1**	**3**

PCC SHOULDER SCHEDULE

ROUTE	STATION	TO STATION	LT/RT	LENGTH	WIDTH	42001300 PROTECTIVE COAT	48300400 PCC SHOULDERS, 9"
				FOOT	FOOT	SQ YD	SQ YD
US 20	244+00	244+50	LT/RT	50.00	VAR	83.3	83.3
US 20	244+50	255+71.78	LT	1121.78	8.0	997.1	997.1
US 20	255+71.78	258+49.89	LT	VAR	VAR	201.6	201.6
US 20	258+49.89	262+47.39	LT	397.50	4.0	176.8	176.8
US 20	262+47.39	263+79.89	LT	VAR	VAR	90.9	90.9
US 20	263+79.89	277+80	LT	1400.11	8.0	1244.0	1244.0
US 20	244+50	251+35.43	RT	685.43	8.0	609.3	609.3
US 20	251+35.43	252+67.93	RT	132.50	VAR	91.0	91.0
US 20	252+67.93	256+65.43	RT	397.50	4.0	176.8	176.8
US 20	256+65.43	259+43.54	RT	VAR	VAR	201.7	201.7
US 20	259+43.54	277+80	RT	1836.46	8.0	1632.7	1632.7
US 20	277+80	278+30	LT/RT	50.00	VAR	83.3	83.3
IL 73	570+35	570+85.13	LT	50.13	VAR	31.4	31.4
IL 73	570+85.13	577+64.72	LT	679.59	8.0	604.2	604.2
IL 73	580+36.22	588+50	LT	813.78	8.0	723.3	723.3
IL 73	570+35	570+88.63	RT	53.63	VAR	34.8	34.8
IL 73	570+88.63	577+81.75	RT	693.12	8.0	616.2	616.2
IL 73	580+53.25	588+50	RT	796.75	8.0	708.2	708.2
IL 73	588+50	589+00	LT/RT	50.00	VAR	88.5	88.5
			TOTAL			**8,395.1**	**8,395.1**
			ROUNDED TOTAL			**8,395**	**8,395**

CONCRETE MEDIAN SCHEDULE

ROUTE	STATION	STATION	LT/RT	42001300 PROTECTIVE COAT	60609100 CCC&G, TYPE M-6.06 (VAR. WIDTH GUTTER FLAG)	60618300 CONCRETE MEDIAN SURFACE, 4 IN.
				SQ YD	FOOT	SQ FT
US 20	257+13.81	257+30.66	LT	16.7	43.0	90.2
US 20	257+85.17	258+02.02	RT	16.7	43.0	90.2
			TOTAL	**33.4**	**86.0**	**180.4**
			ROUNDED TOTAL	**34**	**86**	**181**

RUMBLE STRIPS SCHEDULE

ROUTE	STATION TO STATION		LT/RT	64200116 SHOULDER RUMBLE STRIPS, 16 INCH
				FOOT
US 20	238+00	255+71.78	LT	1771.8
US 20	238+00	241+00	RT	300.0
US 20	241+65	251+35.43	RT	970.4
US 20	259+43.54	260+15	RT	71.5
US 20	260+80	270+65	RT	985.0
US 20	263+79.89	273+35	LT	955.1
US 20	271+30	279+10	RT	780.0
US 20	274+15	291+70	LT	1755.0
US 20	279+70	291+55	RT	1185.0
US 20	292+25	299+70	RT	745.0
US 20	292+55	310+13.80	LT	1758.8
US 20	300+30	303+00	RT	270.0
US 20	303+70	310+06.67	RT	636.7
IL 73	570+35	573+80	LT	345.0
IL 73	570+35	576+70	RT	635.0
IL 73	577+20	577+81.75	RT	61.8
IL 73	574+55	577+64.72	LT	309.7
IL 73	580+36.22	586+30	LT	576.8
IL 73	580+53.25	588+55	RT	801.8
IL 73	586+80	593+70	LT	690.0
IL 73	589+45	591+35	RT	190.0
IL 73	592+05	594+20	RT	215.0
IL 73	594+25	599+35	LT	510.0
IL 73	594+70	599+00	RT	430.0
		TOTAL		**16,949.2**
		ROUNDED TOTAL		**16,950**

EARTH DITCH BERM SCHEDULE

ROUTE	STATION	LT/RT	BERM ELEVATION	Z0019800 EARTH DITCH BERM
				EACH
US 20	286+70	LT	891.34	1
US 20	306+50	RT	900.68	1
IL 73	590+67	LT	897.65	1
			TOTAL	**3**

GRADING AND SHAPING DITCHES SCHEDULE

ROUTE	STATION TO STATION		21400100 GRADING AND SHAPING DITCHES
			FOOT
IL 73	595+45.36 109.0' RT	595+62.88 85.7' RT	35
		TOTAL	**35**

FRENCH DRAINS SCHEDULE

ROUTE	STATION	LT/RT	60100080 FRENCH DRAINS
			CU YD
US 20	244+90	LT/RT	7.0
US 20	246+90	LT/RT	7.0
US 20	248+90	LT/RT	7.1
US 20	250+90	LT/RT	7.1
US 20	252+90	LT/RT	7.1
US 20	254+65	LT/RT	7.1
US 20	256+40	LT/RT	7.1
US 20	259+10	LT/RT	11.5
US 20	261+35	LT/RT	8.0
US 20	263+10	LT/RT	9.3
US 20	265+10	LT/RT	7.6
US 20	267+10	LT/RT	7.0
US 20	268+90	LT/RT	7.0
US 20	270+60	LT/RT	7.0
US 20	272+90	LT/RT	7.0
US 20	275+10	LT/RT	7.0
US 20	277+20	LT/RT	7.5
IL 73	571+40	LT/RT	7.4
IL 73	573+40	LT/RT	7.1
IL 73	575+40	LT/RT	7.1
IL 73	577+40	LT/RT	7.1
IL 73	580+60	LT/RT	7.6
IL 73	582+60	LT/RT	7.1
IL 73	584+35	LT/RT	7.1
IL 73	586+10	LT/RT	7.1
IL 73	588+60	LT/RT	7.1
		TOTAL	**193.1**
		ROUNDED TOTAL	**194**

PIPE UNDERDRAINS SCHEDULE

ROUTE	STATION TO STATION		LT/RT	25100630 EROSION CONTROL BLANKET	60100060 CONCRETE HEADWALLS FOR PIPE DRAINS	60108100 PIPE UNDERDRAINS 4" (SPECIAL)	60108204 PIPE UNDERDRAINS, TYPE 2, 4"
				SQ FT	EACH	FOOT	FOOT
US 20	242+40	242+40	LT/RT	32	2		51.3
US 20	242+75	242+75	LT/RT	32	2		51.3
US 20	286+29	286+29	LT/RT	32	2		55.2
US 20	300+36.25	300+36.25	LT/RT	32	2		55.3
US 20	306+99.83	306+99.83	LT/RT	32	2		52.6
IL 73	570+40	570+40	LT/RT	32	2	38.8	
IL 73	590+18	590+18	LT/RT	32	2	50.8	
IL 73	590+23	590+23	LT/RT	32	2		70.8
IL 73	595+70	595+70	LT/RT	32	2	41.5	
IL 73	595+75	595+75	LT/RT	32	2		61.5
			TOTAL	**320**	**20**	**131.1**	**398.0**
			ROUNDED TOTAL	**320**	**20**	**132**	**398**

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FILE NAME: P:\Civil_IDOT_DIST2\IDOT 2.PTB 182+11 US 20 at IL 73 Lena 3117091\CAD Sheets\D2644L27-sht-schedule.dgn

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PLOT SCALE = 2.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 10/8/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20 AT IL ROUTE 73
SCHEDULE OF QUANTITIES

SCALE: N.T.S. / in. | SHEET 5 OF 17 SHEETS | STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	33
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

ACROSS ROAD CULVERT SCHEDULE

ROUTE	STATION & OFFSET	STATION & OFFSET	USFL	DSFL	54001001 BOX CULVERT END SECTIONS, CULVERT NO. 1 EACH	54001002 BOX CULVERT END SECTIONS, CULVERT NO. 2 EACH	54010302 PRECAST CONCRETE BOX CULVERT 3' X 2' FOOT	54010604 PRECAST CONCRETE BOX CULVERT 6' X 4' FOOT	54261424 CONCRETE END SECTION, STD 542001, 24" 1:4 EACH	54261436 CONCRETE END SECTION, STD 542001, 36" 1:4 EACH	54261448 CONCRETE END SECTION, STD 542001, 48" 1:4 EACH	54261478 CONCRETE END SECTION, STD 542001, 78" 1:4 EACH	54261484 CONCRETE END SECTION, STD 542001, 84" 1:4 EACH	54261624 CONCRETE END SECTION, STD 542001, 24" 1:6 EACH	54263436 CONCRETE END SECTION, STD 542011, 36" 1:4 EACH	54263448 CONCRETE END SECTION, STD 542011, 48" 1:4 EACH	542A0229 PIPE CULVERTS, CL A, TY 1, 24" FOOT	542A0241 PIPE CULVERTS, CL A, TY 1, 36" FOOT	542A0253 PIPE CULVERTS, CL A, TY 1, 48" FOOT	542A1969 PIPE CULVERTS, CL A, TY 3, 84" FOOT	542A5491 PIPE CULVERTS, CL A, TY 1, EQRS 36" FOOT	542A5503 PIPE CULVERTS, CL A, TY 1, EQRS 48" FOOT
US 20	242+52.79 29.5' LT	242+63.21 29.5' RT	903.85	903.55					2								120					
US 20	263+44.74 68.0' LT	263+44.74 68.0' RT	867.15	866.52									4							272		
US 20	286+44.00 38.5' LT	286+45.09 38.5' RT	886.09	885.82							2								154			
US 20	294+17.86 LT	294+17.86 RT										6										
US 20	300+25.00 24.0' RT	300+25.00 24.0' LT	889.85	889.61					2								48					
US 20	306+87.00 25.0' RT	306+87.00 25.0' LT	896.97	896.71												1						50
IL 73	578+00.00 36.5' LT	578+00.00 36.5' RT	884.49	884.04											1						73	
IL 73	580+00.00 50.3' LT	580+00.00 44.4' RT	883.06	882.59						1								94.5				
IL 73	590+37.00 31.0' LT	590+37.00 31.0' RT	892.50	892.16	1		62															
IL 73	596+02.60 42.9' LT	595+82.80 42.9' RT	881.09	880.68		1		88														
REES RD*	310+93.53 33.0' LT*	310+37.53 33.0' LT*	910.69	909.22										2			56					
REES RD*	310+91.04 33.0' RT*	310+31.04 33.0' RT*	911.76	909.06										2			60					
				TOTAL	1	1	62	88	4	1	2	6	4	4	1	1	284	94.5	154	272	73	50
				ROUNDED TOTAL	1	1	62	88	4	1	2	6	4	4	1	1	284	95	154	272	73	50

*US20 STATION

ENTRANCE PIPE CULVERTS SCHEDULE

ROUTE	STATION & OFFSET	STATION & OFFSET	USFL	DSFL	54260515 SLOPED METAL END SECTION, STD 542411, 15", 1:6 EACH	54260524 SLOPED METAL END SECTION, STD 542411, 24", 1:6 EACH	54260530 SLOPED METAL END SECTION, STD 542411, 30", 1:6 EACH	54261030 SLOPED METAL END SECTION, WITH GRATE STD 542416, 30", 1:6 (EQRS) EACH	54263624 CONCRETE END SECTION, STD 542011, 24" 1:6 (EQRS) EACH	542A5479 PIPE CULVERTS, CL A, TY 1, EQRS 24" (RCP) FOOT	542D0220 PIPE CULVERTS, CL D, TY 1, 15" (CMP) FOOT	542D0229 PIPE CULVERTS, CL D, TY 1, 24" (CMP) FOOT	542D1075 PIPE CULVERTS, CL D, TY 2, 30" (CMP) FOOT	542D5485 PIPE CULVERTS, CL D, TY 1, EQRS 30" (CMP) FOOT	20800150 TRENCH BACKFILL CU YD
US 20	241+11.09 33.0' RT	241+61.09 33.0' RT	907.87	906.65	2						50				3.7
US 20	260+03.01 72.6' RT	261+08.01 72.6' RT	874.52	872.43			2						105		31.1
US 20	271+17.82 34.0' RT	270+72.82 34.0' RT	907.13	905.73	2						45				3.4
US 20	291+71.64 33.0' RT	292+11.64 33.0' RT	877.71	877.14	2						40				3.7
US 20	291+88.02 32.25' LT	292+42.02 32.25' LT	877.31	876.82					2	54					4.8
US 20	303+57.29 33.0' RT	303+07.29 33.0' RT	896.22	895.59	2						50				4.4
IL 73	573+96.14 40.0' LT	574+47.14 40.0' LT	891.01	890.45				2							4.6
IL 73	576+75.36 40.0' RT	577+12.36 40.0' RT	887.31	887.02	2						37				1.9
IL 73	591+47.51 35.4' RT	591+91.51 35.4' RT	893.17	892.87	2						44				3.4
IL 73	593+65.13 36.7' LT	594+28.71 44.1' LT	890.43	888.36		2						64			5.7
IL 73	594+26.98 35.0' RT	594+61.98 35.0' RT	890.59	890.38	2						35				1.9
				TOTAL	14	2	2	2	2	54	301	64	105	51	68.6
				ROUNDED TOTAL	14	2	2	2	2	54	301	64	105	51	69

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20 AT IL ROUTE 73
SCHEDULE OF QUANTITIES

SCALE: N.T.S. / in. | SHEET 6 OF 17 SHEETS | STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	34
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

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LANDSCAPING SCHEDULE

ROUTE	STATION TO STATION		LT/RT	AREA	25000110	25000200	25000210	25000310	25000400	25000500	25000600	25000750	25100125
					SEEDING, CLASS 1A	SEEDING, CLASS 2	SEEDING, CLASS 2A	SEEDING, CLASS 4	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MOWING	MULCH, METHOD 3
				SQ FT	ACRE	ACRE	ACRE	ACRE	POUND	POUND	POUND	ACRE	ACRE
US 20	238+00	257+58	LT	96,359			1.41	0.80	199	199	199	2.21	2.21
US 20	238+00	257+58	RT	96,088			1.38	0.83	199	199	199	2.21	2.21
US 20	257+58	311+50	LT	244,233	0.65		3.70	1.26	505	505	505	5.61	5.61
US 20	257+58	311+50	RT	228,943			3.81	1.44	473	473	473	5.26	5.26
IL 73	570+00	579+09	LT	30,261			0.45	0.24	63	63	63	0.69	0.69
IL 73	570+00	579+09	RT	22,303	0.11		0.27	0.13	46	46	46	0.51	0.51
IL 73	579+09	599+51	LT	86,578			1.29	0.69	179	179	179	1.99	1.99
IL 73	579+09	599+51	RT	69,691	0.37		0.98	0.25	144	144	144	1.60	1.60
RA	1262+80	1264+90	LT / RT	21,780		0.50			45	45	45	0.50	0.50
				TOTAL	**1.1**	**0.5**	**13.3**	**5.7**	**1851.7**	**1851.7**	**1851.7**	**20.6**	**20.6**
				ROUNDED TOTAL	**1.25**	**0.50**	**13.50**	**6.00**	**1,913**	**1,913**	**1,913**	**21.25**	**21.25**

TOPSOIL SCHEDULE

ROUTE	STATION TO STATION		21101505	21101615	X2111110
			TOPSOIL EXCAVATION AND PLACEMENT	TOPSOIL FURNISH AND PLACE, 4"	TOPSOIL PLACEMENT
			CU YD	SQ YD	CU YD
US 20	238+00	312+00		77,113	
IL 73	570+00	600+00		29,766	
RA	1239+00	1274+00	1,525		11,092
		TOTAL	**1,525**	**106,879**	**11,092**
		ROUNDED TOTAL	**1,525**	**106,880**	**11,095**

* TOPSOIL FURNISH AND PLACEMENT CALCULATED BETWEEN RUNAROUND LIMITS OF CONSTRUCTION LINES AND PROPOSED RIGHT OF WAY.

STONE RIPRAP SCHEDULE

ROUTE	STATION	LT/RT	28100107	28100109	28100705	28200200	X2810110
			STONE RIPRAP, CLASS A4	STONE RIPRAP, CLASS A5	STONE DUMPED RIPRAP, CLASS A3	FILTER FABRIC	STONE RIPRAP, CLASS A5 (SPECIAL)
			SQ YD	SQ YD	SQ YD	SQ YD	SQ YD
US 20	242+63	RT	60			60	
US 20	263+44	RT				250	250
US 20	286+45	RT				150	150
US 20	294+00	RT				294	294
US 20	300+25	LT	75			75	
US 20	306+87	LT		105		105	
IL 73	578+00	RT	50			50	
IL 73	580+00	RT	50			50	
IL 73	586+00	LT			15	15	
IL 73	590+37	RT	45			45	
IL 73	595+82	RT	62			62	
REES	211+41.5	LT	41			41	
REES	212+07.5	LT	41			41	
		TOTAL	**424**	**105**	**15**	**1,238**	**694**
		ROUNDED TOTAL	**424**	**105**	**15**	**1,238**	**694**

CULVERT EMBANKMENT SCHEDULE

ROUTE	STATION & OFFSET	STATION & OFFSET		20700220	52200020
			DIA. OR H x W	POROUS GRANULAR EMBANKMENT	TEMPORARY SOIL RETENTION SYSTEM
				CU YD	SQ FT
US 20	242+52.79 29.5' LT	242+63.21 29.5' RT	2 - 24"Ø	44.2	
US 20	263+44.74 68.0' LT	263+44.74 68.0' RT	2 - 84"Ø	491	
US 20	286+44.00 38.5' LT	286+45.09 38.5' RT	2 - 48"Ø	388.9	275
US 20	300+25.00 24.0' RT	300+25.00 24.0' LT	24"Ø	48.7	36
US 20	306+87.00 25.0' RT	306+87.00 25.0' LT	48" EQRS	68.1	61
IL 73	578+00.00 36.5' LT	578+00.00 36.5' RT	36" EQRS	12.8	
IL 73	580+00.00 50.3' LT	580+00.00 44.4' RT	36"Ø	40.7	
IL 73	590+37.00 31.0' LT	590+37.00 31.0' RT	3' x 2'	72.6	
IL 73	596+02.60 42.9' LT	595+82.80 42.9' RT	6' x 4'	83.4	
REES RD*	310+93.53 33.0' LT*	310+37.53 33.0' LT*	24"Ø	16.8	
REES RD*	310+91.04 33.0' RT*	310+31.04 33.0' RT*	24"Ø	21.6	
			TOTAL	**1,288.8**	**372.0**
			ROUNDED TOTAL	**1,289**	**372**

TEMPORARY PIPE CULVERT SCHEDULE

ROUTE		STATION & OFFSET	STATION & OFFSET	USFL	DSFL	50800105	54002020	5421D015	5421D024	54244405	54248510	60500060	61100605
						REINFORCEMENT BARS	EXPANSION BOLTS, 3/4 INCH	PIPE CULVERTS, CL D, TY 1, 15" (TEMPORARY)	PIPE CULVERTS, CL D, TY 1, 24" (TEMPORARY)	FLUSH INLET BOX FOR MEDIAN, STD 542546	CONCRETE COLLARS	REMOVING INLETS	* MISCELLANEOUS CONCRETE
						POUND	EACH	FOOT	FOOT	EACH	CU YD	EACH	CU YD
STAGE 1	US 20 RA	1242+52, 26' LT	1242+52, 26' RT	906.74	906.48								2
STAGE 1	US 20 RA	1263+58.33, 51' LT	1263+97.67, 57' RT	869.05	868.48								2
STAGE 1A	US 20	286+45, 17.3' LT	286+45, 36' LT	887.75	887.35	22.0	4		20	1	0.6	1	2
STAGE 1B	US 20	306+87, 16' RT	306+87, 26' RT	898.70	897.70	24.0	6	10		1	0.8	1	2
					TOTAL	**46.0**	**10**	**10**	**20**	**2**	**1.4**	**2**	**8**
					ROUNDED TOTAL	**46**	**10**	**10**	**20**	**2**	**2**	**2**	**10**

*PROVISIONAL QUANTITIES HAVE BEEN INCLUDED IN THE CONTRACT. LOCATIONS TO BE DETERMINED BY THE ENGINEER

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20 AT IL ROUTE 73
SCHEDULE OF QUANTITIES

SCALE: N.T.S. / in. | SHEET 7 OF 17 SHEETS | STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	35
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

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TEMPORARY DITCH CHECKS SCHEDULE (US 20)

ROUTE		STATION TO STATION		LT/RT	HEIGHT (FT)	SPACING (FT)	NUMBER OF DITCH CHECKS	28000305 TEMPORARY DITCH CHECKS FOOT
STAGE 1A	US 20	283+00	290+00	LT	1.0	40	18	288
STAGE 1B	US 20	296+00	310+00	RT	1.0	50	28	448
STAGES 2 & 3	US 20	238+00 - 241+50		RT	1.0	30	10	160
	US 20	242+25		RT	1.0		1	16
	US 20	243+50 - 244+00		RT	1.0	25	3	48
	US 20	244+50 - 246+00		RT	1.0	50	4	64
	US 20	248+50 - 255+00		RT	1.0	40	17	272
	US 20	255+00 - 257+00		RT	1.0	35	7	112
	US 20	258+50 - 259+86		RT	1.0	20	7	112
	US 20	261+50 - 263+00		RT	1.0	50	4	64
	US 20	263+60 - 267+00		RT	1.0	15	23	368
	US 20	267+50 - 270+50		RT	1.0	25	13	208
	US 20	271+50 - 273+00		RT	1.0	50	4	64
	US 20	276+00 - 278+00		RT	1.0	40	6	96
STAGE 1	US 20	280+00 - 285+50		RT	1.0	40	15	240
	US 20	285+80 - 286+20		RT	1.0	20	3	48
	US 20	287+00		RT	1.0		1	16
	US 20	288+00 - 291+50		RT	1.0	50	8	128
	US 20	292+50 - 293+50		RT	1.0	20	6	96
	US 20	294+50 - 295+50		RT	1.0	20	6	96
	US 20	296+00 - 299+50		RT	1.0	30	13	208
	US 20	300+50 - 303+00		RT	1.0	50	6	96
	US 20	304+00 - 306+50		RT	1.0	50	6	96
	US 20	307+00 - 310+00		RT	1.0	40	8	128
	US 20	311+50		RT	1.0	50	1	16
STAGES 2 & 3	US 20	238+00 - 241+50		LT	1.0	35	11	176
	US 20	243+50 - 246+00		LT	1.0	50	6	96
	US 20	249+00 - 256+50		LT	1.0	35	23	368
	US 20	259+00 - 263+00		LT	1.0	40	11	176
	US 20	263+80 - 267+00		LT	1.0	15	23	368
	US 20	267+50 - 272+50		LT	1.0	30	18	288
	US 20	276+00 - 278+00		LT	1.0	50	5	80
STAGE 1	US 20	278+00 - 286+00		LT	1.0	50	16	256
	US 20	287+00 - 291+50		LT	1.0	50	10	160
	US 20	293+00 - 294+00		LT	1.0	20	6	96
	US 20	294+50 - 295+50		LT	1.0	20	6	96
	US 20	295+50 - 297+00		LT	1.0	30	4	64
	US 20	297+50 - 299+50		LT	1.0	40	5	80
	US 20	300+50 - 304+00		LT	1.0	50	8	128
	US 20	307+00 - 310+00		LT	1.0	30	10	160
	US 20	311+50		LT	1.0	40	1	16
							SUBTOTAL (US 20)	6,096

TEMPORARY DITCH CHECKS SCHEDULE (IL 73)

ROUTE		STATION TO STATION	LT/RT	HEIGHT (FT)	SPACING (FT)	NUMBER OF DITCH CHECKS	28000305 TEMPORARY DITCH CHECKS FOOT
STAGES 2 & 3	IL 73	570+50 - 573+50	LT	1.0	150	3	48
	IL 73	574+75 - 577+50	LT	1.0	70	5	80
	IL 73	581+50 - 586+00	LT	1.0	50	10	160
	IL 73	588+50 - 589+00	LT	1.0	50	1	16
STAGE 4	IL 73	589+00 - 590+00	LT	1.0	50	3	48
	IL 73	590+50 - 592+75	LT	1.0	75	4	64
	IL 73	594+50 - 595+50	LT	1.0	50	3	48
STAGES 2 & 3	IL 73	572+50 - 576+50	RT	1.0	100	5	80
	IL 73	577+40 - 577+80	RT	1.0	10	4	64
	IL 73	581+00 - 586+00	RT	1.0	50	11	176
	IL 73	588+00 - 588+50	RT	1.0	50	2	32
STAGE 4	IL 73	591+50 - 594+25	RT	1.0	70	4	64
	IL 73	596+50 - 598+00	RT	1.0	150	2	32
						SUBTOTAL (IL 73)	912

TEMPORARY DITCH CHECKS SCHEDULE (TEMP RA)

ROUTE		STATION TO STATION		LT/RT	HEIGHT (FT)	SPACING (FT)	NUMBER OF DITCH CHECKS	28000305 TEMPORARY DITCH CHECKS FOOT
STAGE 1	TEMP RA	1239+00	1241+50	LT	1	50	5	80
	TEMP RA	1274+50	1275+50	LT	1	100	2	32
							SUBTOTAL (TEMP RA)	112
							TOTAL	7,120

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20 AT IL ROUTE 73
SCHEDULE OF QUANTITIES

SCALE: N.T.S. ' in. | SHEET 8 OF 17 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	36
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

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RIGHT OF WAY MARKERS SCHEDULE - US 20

STATION	LT/RT	66600105 FURNISHING & ERECTING ROW MARKERS (EACH)	X6660410 REMOVE RIGHT-OF-WAY MARKERS (EACH)	STATION	LT/RT	66600105 FURNISHING & ERECTING ROW MARKERS (EACH)	X6660410 REMOVE RIGHT OF WAY MARKERS (EACH)
238+00.00	33.00' LT	1		238+00.00	33.00' RT	1	
238+50.00	50.00' LT	1		238+50.00	45.00' RT	1	
241+75.00	50.00' LT	1		242+00.00	60.00' RT	1	
242+75.00	60.00' LT	1		242+50.00	100.00' RT	1	
246+00.00	60.00' LT	1		243+00.00	100.00' RT	1	
248+00.00	75.00' LT	1		243+50.00	50.00' RT	1	
250+00.00	75.00' LT	1		244+75.00	50.00' RT	1	
251+75.00	70.00' LT	1		248+50.00	75.00' RT	1	
255+00.00	65.00' LT	1		250+00.00	75.00' RT	1	
256+50.00	80.00' LT	1		252+00.00	80.00' RT	1	
259+00.00	75.00' LT	1		255+19.14	70.00' RT	1	
260+00.00	80.00' LT	1		259+00.00	127.32' RT	1	
262+75.00	115.00' LT	1		260+00.00	100.00' RT	1	
263+00.00	33.70' LT		1	262+50.00	100.00' RT	1	
263+50.00	60.00' LT		1	263+00.00	33.00' RT		1
265+00.00	33.00' LT		1	263+05.00	155.00' RT	1	
263+25.00	190.00' LT	1		263+50.00	60.00' RT		1
263+65.00	190.00' LT	1		263+85.00	155.00' RT	1	
264+25.00	105.00' LT	1		264+25.00	115.0' RT	1	
265+00.00	95.00' LT	1		264+50.00	60.00' RT		1
266+75.00	50.00' LT	1		265+00.00	33.00' RT		1
270+00.00	50.00' LT	1		266+50.00	60.00' RT	1	
271+00.00	60.00' LT	1		267+50.00	45.00' RT	1	
273+00.00	60.00' LT	1		269+00.00	45.00' RT	1	
275+00.00	60.00' LT	1		270+00.00	50.00' RT	1	
279+00.00	55.00' LT	1		271+67.74	50.00' RT	1	
281+00.00	60.00' LT	1		274+00.00	50.00' RT	1	
284+00.00	55.00' LT	1		275+83.31	45.00' RT	1	
285+00.00	45.00' LT	1		278+00.00	55.00' RT	1	
285+75.00	45.00' LT	1		280+00.00	50.00' RT	1	
286+15.00	80.00' LT	1		282+00.00	60.00' RT	1	
286+75.00	80.00' LT	1		284+00.00	55.00' RT	1	
287+00.00	50.00' LT	1		285+00.00	45.00' RT	1	
289+50.00	65.00' LT	1		285+70.00	45.00' RT	1	
291+50.00	55.00' LT	1		286+15.00	105.00' RT	1	
293+25.00	70.00' LT	1		286+75.00	105.00' RT	1	
294+25.00	110.00' LT	1		287+15.00	45.00' RT	1	
296+00.00	55.00' LT	1		289+00.00	55.00' RT	1	
299+75.00	55.00' LT	1		291+00.00	50.00' RT	1	
300+00.00	80.00' LT	1		292+50.00	48.80' RT	1	
300+50.00	80.00' LT	1		293+25.00	64.95' RT	1	
301+00.00	50.00' LT	1		293+50.00	100.00' RT	1	
306+25.00	45.00' LT	1		294+30.00	130.00' RT	1	
306+60.00	85.00' LT	1		294+70.00	75.00' RT	1	
307+15.00	85.00' LT	1		296+00.00	50.00' RT	1	
307+50.00	55.00' LT	1		297+50.00	60.00' RT	1	
309+75.00	55.00' LT	1		298+75.00	60.00' RT	1	
310+37.26	140.67' LT	1		299+75.00	65.00' RT	1	
				301+00.00	65.00' RT	1	
				302+00.00	60.00' RT	1	
				304+00.00	60.00' RT	1	
				306+50.00	45.00' RT	1	
				306+75.00	80.00' RT	1	
				307+00.00	80.00' RT	1	
				307+25.00	50.00' RT	1	
				309+75.00	55.00' RT	1	
				310+28.48	138.81' RT	1	
	SUB-TOTAL	45	3		SUB-TOTAL	53	4
					TOTALS US 20	**98**	**7**

RIGHT OF WAY MARKERS SCHEDULE - IL 73

STATION	LT/RT	66600105 FURNISHING & ERECTING ROW MARKERS (EACH)	X6660410 REMOVE RIGHT-OF-WAY MARKERS (EACH)	STATION	LT/RT	66600105 FURNISHING & ERECTING ROW MARKERS (EACH)	X6660410 REMOVE RIGHT OF WAY MARKERS (EACH)
570+00.00	35.00' LT	1		570+00.00	35.00' RT	1	
570+50.00	55.00' LT	1		570+50.00	60.00' RT	1	
573+00.00	70.00' LT	1		572+00.00	55.00' RT	1	
575+00.00	70.00' LT	1		575+00.00	55.00' RT	1	
576+00.00	85.00' LT	1		576+50.00	70.00' RT	1	
577+19.51	90.00' LT	1		577+22.36	70.00' RT	1	
580+75.00	60.00' LT	1		580+50.00	70.00' RT	1	
582+00.00	55.00' LT	1		581+50.00	60.00' RT	1	
584+00.00	70.00' LT	1		584+00.00	70.00' RT	1	
586+00.00	80.00' LT	1		588+00.00	50.00' RT	1	
587+00.00	70.00' LT	1		589+75.00	50.00' RT	1	
589+00.00	60.00' LT	1		590+15.00	90.00' RT	1	
589+75.00	60.00' LT	1		590+55.00	90.00' RT	1	
590+25.00	70.00' LT	1		591+00.00	50.00' RT	1	
593+25.00	70.00' LT	1		592+00.00	50.00' RT	1	
595+00.00	95.00' LT	1		593+00.00	55.00' RT	1	
595+50.00	95.00' LT	1		594+00.00	55.00' RT	1	
597+00.00	65.00' LT	1		595+00.00	75.00' RT	1	
599+41.30	55.00' LT	1		595+50.00	125.00' RT	1	
				596+00.00	100.00' RT	1	
				596+50.00	65.00' RT	1	
				599+11.55	55.00' RT	1	
	SUB-TOTAL	19	0		SUB-TOTAL	22	0
					TOTALS IL 73	**41**	**0**

RIGHT OF WAY MARKERS SCHEDULE - TOTAL

LOCATION	66600105 FURNISHING & ERECTING ROW MARKERS (EACH)	X6660410 REMOVE RIGHT OF WAY MARKERS (EACH)
US 20	98	7
IL 73	41	0
TOTALS	**139**	**7**

SECTION CORNER MARKER SCHEDULE

STATION	LT/RT	Z0064505 SECTION CORNER MARKERS (EACH)
257+77.73	0.19' RT	1
284+23.40	20.31' RT	1
310+71.19	2.71' LT	1
	TOTAL	**3**

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PLOT SCALE = 2.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 10/8/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20 AT IL ROUTE 73
SCHEDULE OF QUANTITIES

SCALE: N.T.S. in. | SHEET 9 OF 17 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	37
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

MODEL: Default
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DROP BOX SCHEDULE

ROUTE	STATION & OFFSET	WEIR ELEVATION	LENGTH (FT)	WIDTH (FT)	DROP (FT)	X5420201 DROP BOX NO. 1	X5420202 DROP BOX NO. 2	X5420203 DROP BOX NO. 3	X5420204 DROP BOX NO. 4	X5420205 DROP BOX NO. 5	X5420206 DROP BOX NO. 6	X5420207 DROP BOX NO. 7
						EACH	EACH	EACH	EACH	EACH	EACH	EACH
US 20	242+58.00 LT	906.34	2.0	7.0	2.49	1						
US 20	286+44.00 LT	887.49	4.0	12.0	1.40		1					
US 20	306+87.00 RT	900.00	5.0	8.0	3.03			1				
IL 73	578+00.00 LT	886.30	3.0	6.0	1.81				1			
IL 73	580+00.00 LT	885.73	3.0	6.0	2.67					1		
IL 73	590+37.00 LT	894.21	3.0	3.7	1.71						1	
IL 73	596+02.60 LT	883.49	6.0	7.0	2.40							1
					TOTAL	**1**	**1**	**1**	**1**	**1**	**1**	**1**

PROPERTY MARKERS SCHEDULE

STATION	LT/RT	Z0025505 PROPERTY MARKERS
		EACH
241+75.00	50.00' LT	1
242+75.00	60.00' LT	1
246+00.00	60.00' LT	1
248+00.00	75.00' LT	1
250+00.00	75.00' LT	1
251+75.00	70.00' LT	1
255+00.00	65.00' LT	1
256+50.00	80.00' LT	1
259+00.00	75.00' LT	1
260+00.00	80.00' LT	1
262+75.00	115.00' LT	1
263+25.00	190.00' LT	1
263+65.00	190.00' LT	1
264+25.00	105.00' LT	1
265+00.00	95.00' LT	1
266+75.00	50.00' LT	1
270+00.00	50.00' LT	1
271+00.00	60.00' LT	1
273+00.00	60.00' LT	1
275+00.00	60.00' LT	1
	TOTAL	**20**

ROCK FILL SCHEDULE

ROUTE	STATION & OFFSET	STATION & OFFSET	DEPTH	50200450 REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	Z0054500 ROCK FILL
			FOOT	CU YD	TON
US 20	242+52.79 29.5' LT	242+63.21 29.5' RT	1.0	37.9	64.5
US 20	263+44.74 68.0' LT	263+44.74 68.0' RT	2.0	324.1	550.9
US 20	286+44.00 38.5' LT	286+44.00 38.5' RT	2.0	114.0	193.8
US 20	300+25.00 24.0' RT	300+25.00 24.0' LT	1.0	17.3	29.5
US 20	306+87.00 25.0' RT	306+87.00 25.0' LT	1.0	24.0	40.8
IL 73	580+00.00 50.1' LT	580+00.00 44.4' RT	1.0	40.1	68.2
IL 73	590+37.00 30.0' LT	590+37.00 32.0' RT	1.0	26.9	45.7
IL 73	596+03.39 46.3' LT	595+03.39 46.3' RT	1.5	86.9	147.7
			TOTAL	**671.2**	**1,141.1**
			ROUNDED TOTAL	**672**	**1,141**

CIP HEADWALL SCHEDULE

ROUTE	STATION	LT/RT	54215412 CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 12"
			EACH
IL 73	586+00	LT	1
		TOTAL	**1**

TRAVERSABLE PIPE GRATES SCHEDULE

ROUTE	STATION & OFFSET	LENGTH OF PIPE	NUMBER OF END SECTIONS	SLOPE	CULVERTS SIZE	54260315 TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTIONS	
						FOOT	
						DROP BOX	END SECTION
US 20	242+58.00 LT	12'-11"	2.0	1:4	2- 24"	27.5	25.8
US 20	263+45	138'-7"	4	1:4	2 - 84"		554.3
US 20	286+44.00 LT	47'-9"	2	1:4	2 - 48"	142	95.5
US 20	*292+15.00 LT	22'-9"	2	1:6	24" EQRS		45.5
US 20	294+18	130'-4"	6	1:4	3 - 78"		782.0
US 20	300+25	12'-11"	2	1:4	24"		25.8
US 20	306+87.00 RT	36'-10"	1	1:4	48" EQRS	46	36.8
US 20	*310+65 LT	9'-6"	2	1:6	24"		19.0
US 20	*310+65 RT	9'-6"	2	1:6	24"		19.0
IL 73	578+00.00 LT	29'-10"	1	1:4	36" EQRS	39	29.8
IL 73	580+00.00 LT	16'-10"	1	1:4	36"	30.5	16.8
IL 73	590+37.00 LT	11'-7"	1	1:4	3'x2'	16.5	11.6
IL 73	596+02.60 LT	45'-7"	1	1:4	6'x4'	87.5	45.6
					SUBTOTAL	389	1707.7
					TOTAL	**2096.7**	

* DISTRICT 2 STANDARD 14.1 TRAVERSABLE PIPE GRATE FOR PARALLEL DRAINAGE STRUCTURE

TEMPORARY FENCE SCHEDULE

ROUTE	STATION TO STATION		LT/RT	20101000 TEMPORARY FENCE
				FOOT
US 20	261+50.0	263+05.8	RT	179
US 20	273+82.8	275+74.1	LT	196
US 20	295+00.0	297+50.0	LT	255
IL 73	595+50.0	595+94.5	LT	46
IL 73	596+27.6	596+99.6	LT	74
IL 73	595+01.4	595+35.1	RT	47
IL 73	596+85.5	599+00	RT	327
			TOTAL	**1,124**

STABILIZED CONSTRUCTION ENTRANCE SCHEDULE

ROUTE	STATION	LT/RT	X0324045 SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE REMOVAL	X0324775 SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE MAINTENANCE
			EACH	SQ YD
US 20	241+50	LT	1	120
US 20	272+00	LT	1	120
IL 73	580+50	LT	1	120
IL 73	580+50	RT	1	120
		TOTAL	**4**	**480**

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20 AT IL ROUTE 73
SCHEDULE OF QUANTITIES

SCALE: N.T.S. / in. | SHEET 10 OF 17 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	38
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

MODEL: Default
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EROSION CONTROL SCHEDULE

ROUTE		STATION TO STATION		LT/RT	25100125 MULCH, METHOD 3	28000250 TEMPORARY EROSION CONTROL SEEDING	28000400 PERIMETER EROSION BARRIER	28000500 INLET AND PIPE PROTECTION
					ACRE	POUND	FOOT	EACH
STAGE 1A	US 20	283+00	290+00	LT	0.172	17.2	327	1
STAGE 1B	US 20	296+00	310+50	RT	0.403	40.3		1
STAGE 1	RA	1239+00	1242+00	LT	0.159	15.9		
	RA	1239+00	1242+00	RT	0.021	2.1		
	RA	1257+00	1258+65	LT	0.050	5.0		
	RA	1257+00	1258+65	RT	0.096	9.6		
	RA	1273+50	1277+73.30	LT	0.214	21.4		
	RA	1273+50	1277+73.30	RT	0.068	6.8		
	US 20	278+30	292+15	LT	0.385	38.5		2
	US 20	292+15	300+25	LT	0.508	50.8	466	3
	US 20	300+25	306+87	LT	0.207	20.7	480	
	US 20	306+87	310+65	LT	0.187	18.7	97	
	US 20	310+65	312+00	LT	0.067	6.7		1
	US 20	278+30	279+40	RT	0.038	3.8	98	
	US 20	279+40	291+90	RT	0.438	43.8	602	1
	US 20	291+90	300+00	RT	0.388	38.8		
	US 20	300+00	303+35	RT	0.183	18.3		1
	US 20	303+35	310+65	RT	0.267	26.7		2
	US 20	310+65	312+00	RT	0.062	6.2		1
STAGE 2 & 3	US 20	238+00	257+00	LT	0.964	96.4	400	1
	US 20	258+00	273+48	LT	1.166	116.6	255	2
	US 20	274+01.81	278+30	LT	0.275	27.5		
	US 20	237+00	241+20.09	RT	0.096	9.6		1
	US 20	241+44.09	257+00	RT	0.957	95.7	288	2
	US 20	258+00	260+36.24	RT	0.349	34.9		1
	US 20	260+60.24	263+35.07	RT	0.368	36.8	180	
	US 20	263+35.07	271+84.82	RT	0.473	47.3	713	1
	US 20	271+08.82	278+30	RT	0.188	18.8	431	
STAGE 2, 3, & 4	IL 73	570+00	574+23.59	LT	0.243	24.3		1
	IL 73	574+36.81	578+60	LT	0.343	34.3		1
	IL 73	578+60	580+20	LT	0.025	2.5		1
	IL 73	580+85	586+50.19	LT	0.344	34.4	554	
	IL 73	586+52.74	594+00	LT	0.461	46.1	306	2
	IL 73	594+00	599+54	LT	0.487	48.7	169	1
	IL 73	570+00	576+75.36	RT	0.342	34.2	406	1
	IL 73	576+99.36	578+50	RT	0.074	7.4		
	IL 73	578+50	580+20	RT	0.032	3.2		
	IL 73	580+85	591+56.51	RT	0.526	52.6	448	
	IL 73	591+80.51	594+37.98	RT	0.091	9.1		
	IL 73	594+49.98	599+80	RT	0.360	36.0	427	
				TOTAL	12.1	1,207.6	6,647	28
				ROUNDED TOTAL	12.25	1,225	6,647	28

EROSION CONTROL BLANKET AND TURF REINFORCEMENT MAT SCHEDULE

ROUTE		STATION TO STATION		25100630 EROSION CONTROL BLANKET	25100900 TURF REINFORCEMENT MAT
				SQ YD	SQ YD
US 20	LT DITCH	238+50.00	240+50.00		177.8
US 20	LT DITCH	240+50.00	242+28.00	158.2	
US 20	AR CULVERT	242+28.00	242+78.00	98.7	
US 20	LT DITCH	242+78.00	252+50.00	864.0	
US 20	LT DITCH	252+50.00	257+00.00		400.0
US 20	LT DITCH	259+00.00	263+00.00	355.6	
US 20	LT DITCH	263+00.00	271+00.00		711.1
US 20	LT DITCH	271+00.00	273+50.00	222.2	
US 20	LT DITCH	274+00.00	286+00.00	1066.7	
US 20	LT DITCH	286+00.00	286+25.00		22.2
US 20	AR CULVERT	286+25.00	286+65.00		108.9
US 20	LT DITCH	286+65.00	287+00.00		31.1
US 20	LT DITCH	287+00.00	291+69.02	416.9	
US 20	LT DITCH	292+61.02	298+00.00		479.1
US 20	LT DITCH	298+00.00	304+50.00	577.8	
US 20	LT DITCH	306+90.00	310+00.00		275.6
US 20	LT DITCH	311+13.00	312+00.00		77.3
US 20	RT DITCH	238+50.00	241+09.00		230.2
US 20	RT DITCH	241+63.59	242+57.50		83.5
US 20	RT DITCH	244+50.00	254+00.00	844.4	
US 20	RT DITCH	254+00.00	257+00.00		266.7
US 20	RT DITCH	258+37.20	259+63.20		315.3
US 20	RT DITCH	261+17.80	263+29.80	188.4	
US 20	RT DITCH	263+59.70	270+70.30		631.6
US 20	RT DITCH	271+20.30	279+00.00	693.1	
US 20	RT DITCH	279+64.00	285+00.00	476.4	
US 20	RT DITCH	287+50.00	291+69.20	372.6	
US 20	RT DITCH	292+14.10	293+74.40		142.5
US 20	RT DITCH	294+18.40	299+75.00		494.8
US 20	RT DITCH	300+17.75	303+04.80	255.2	
US 20	RT DITCH	303+59.80	306+82.30	286.7	
US 20	RT DITCH	306+91.70	308+50.00	140.7	
US 20	RT DITCH	308+50.00	309+91.50		125.8
US 20	RT DITCH	311+10.40	312+00.00		79.6
IL 73	LT DITCH	574+56.90	577+73.00	281.0	
IL 73	AR CULVERT	577+73.00	578+23.00	156.0	
IL 73	AR CULVERT	579+76.00	579+26.00	157.7	
IL 73	LT DITCH	579+26.00	586+38.00	632.9	
IL 73	LT DITCH	586+78.70	590+12.00	296.3	
IL 73	AR CULVERT	590+12.00	590+62.00	104.7	
IL 73	LT DITCH	591+00.00	593+58.80	230.0	
IL 73	LT DITCH	594+35.10	599+50.00	457.7	
IL 73	RT DITCH	577+14.90	577+88.70		65.6
IL 73	RT DITCH	579+63.90	581+50.00		331.1
IL 73	RT DITCH	581+50.00	586+15.00	413.3	
IL 73	RT DITCH	588+50.00	589+50.00	88.9	
IL 73	RT DITCH	591+94.00	594+24.50	204.9	
IL 73	RT DITCH	594+63.90	595+51.60		78.0
IL 73	AR CULVERT	595+36.40	595+89.10	76.7	
			TOTAL	10,117.6	5,127.7
			ROUNDED TOTAL	10,118	5,128

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TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 10/8/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20 AT IL ROUTE 73
SCHEDULE OF QUANTITIES

SCALE: N.T.S. / in. | SHEET 11 OF 17 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	39
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

SIGN SCHEDULE (US ROUTE 20)

STATION	OFFSET	SIZE	SIGN DESCRIPTION	MUTCD SIGN TYPE (COLOR)	AREA	72000100 SIGN PANEL - TYPE 1	72000200 SIGN PANEL - TYPE 2	72400310 REMOVE SIGN PANEL - TYPE 1	72400320 REMOVE SIGN PANEL - TYPE 2	72800100 TELESCOPING STEEL SIGN SUPPORT	73000100 WOOD SIGN SUPPORT	89502400 REMOVE EXISTING FLASHING BEACON INSTALLATION COMPLETE	X7240600 REMOVE AND RE-ERECT EXISTING SIGN
		INxIN			SQ FT	SQ FT	SQ FT	SQ FT	SQ FT	FOOT	FOOT	EACH	EACH
233+20	25' RT	36x36	REDUCED SPEED AHEAD 45	W3-5	9.0			9.0					
239+28	29' LT	30x36	SPEED LIMIT 55	R2-1	7.5			7.5					
239+60	25' RT	30x36	SPEED LIMIT 45	R2-1	7.5			7.5					
242+19	18' LT	12x16	OBJECT MARKER	OM-3L	1.3			1.3					
242+86	17' LT	12x16	OBJECT MARKER	OM-3R	1.3			1.3					
244+30	28' RT	21x15	JCT	M2-1	2.2			2.2					
		24x24	ILLINOIS 73	ILLINOIS 73	4.0			4.0					
246+69	21' RT	48x48	INTERSECTION AHEAD	W2-1	16.0				16.0			1	
		12x48	ILLINOIS 73	ILLINOIS 73	4.0			4.0					
246+71	22' LT	48x48	INTERSECTION AHEAD	W2-1	16.0				16.0			1	
		12x48	ILLINOIS 73	M1-I100	4.0			4.0					
247+51	27' LT	60x36	STOCKTON, GALENA, DUBUQUE IA	STOCKTON, GALENA, DUBUQUE IA	15.0				15.0				
248+37	25' RT	30x36	SPEED LIMIT 45	R2-1	7.5			7.5					
250+38	30' LT	36x36	SIGNAL AHEAD	W3-3 (YELLOW)	9.0	9.0					32		
		60x30	STOCKTON, GALENA	STOCKTON, GALENA (GREEN)	12.5		12.5						
250+38	30' RT	36x36	SIGNAL AHEAD	W3-3 (YELLOW)	9.0	9.0					16		
252+38	30' RT	21x15	JCT	M2-1 (WHITE)	2.2	2.2					14		
		24x24	ILLINOIS 73	M1-I100 (WHITE)	4.0	4.0							
252+76	26' LT	30x36	SPEED LIMIT 45	R2-1	7.5			7.5					
253+38	33' LT	30x36	SPEED LIMIT 55	R2-1 (WHITE)	7.5	7.5					15		
254+38	43' RT	60x30	LENA, PEARL CITY	D1-2 (BROWN)	12.5		12.5				36		
		60x36	LE-AQUA-NA STATE PARK	D1-2 (BROWN)	15.0		15.0						
254+89	27' RT	60x30	LENA, PEARL CITY	D1-2	12.5				12.5				
		60x36	LE-AQUA-NA STATE PARK	D1-2	15.0				15.0				
256+00	43' LT	24x12	WEST	M3-4 (WHITE)	2.0	2.0					17		
		24x24	US 20	M1-4 (WHITE)	4.0	4.0							
		24x30	US GRANT MEMORIAL HIGHWAY	US GRANT MEMORIAL HIGHWAY	5.0	5.0							
256+30	29' RT	24x24	ILLINOIS 73	M6-3	4.0			4.0					
		21x15	LT/RT ARROW	M6-4	2.2			2.2					
		24x24	US 20	M1-4	4.0			4.0					
		21x15	AHEAD ARROW	M6-3	2.2			2.2					
256+38	43' RT	24x24	ILLINOIS 73	M1-I100 (WHITE)	4.0	4.0					14		
		21x15	LT/RT ARROW	M6-4 (WHITE)	2.2	2.2							
		24x24	US 20	M1-4 (WHITE)	4.0	4.0							
		21x15	AHEAD ARROW	M6-3 (WHITE)	2.2	2.2							
256+43	31' LT	24x12	WEST	M3-4	2.0			2.0					
		24x24	US 20	M1-4	4.0			4.0					
		24x30	US GRANT MEMORIAL HIGHWAY	US GRANT MEMORIAL HIGHWAY	5.0			5.0					
257+04	54' LT	36x36	STOP	R1-1	9.0			9.0					
		36x36	DO NOT ENTER	R5-1	6.3			6.3					
257+36	24' LT	36x36	STOP	R1-1	9.0			9.0					
		36x18	CROSS TRAFFIC DOES NOT STOP	W4-4P	4.5			4.5				1	
257+81	25' RT	36x36	STOP	R1-1	9.0			9.0					
		36x18	CROSS TRAFFIC DOES NOT STOP	W4-4P	4.5			4.5				1	
258+08	44' RT	36x36	STOP	R1-1	9.0			9.0					
		36x36	DO NOT ENTER	R5-1	9.0			9.0					
258+77	43' LT	24x24	ILLINOIS 73	M1-I100 (WHITE)	4.0	4.0					14		
		21x15	LT/RT ARROW	M6-4 (WHITE)	2.2	2.2							
		24x24	US 20	M1-4 (WHITE)	4.0	4.0							
		21x15	AHEAD ARROW	M6-3 (WHITE)	2.2	2.2							
258+80	27' LT	24x24	ILLINOIS 73	M1-I100	4.0			4.0					
		21x15	LT/RT ARROW	M6-4	2.2			2.2					
		24x24	US 20	M1-4	4.0			4.0					
		21x15	AHEAD ARROW	M6-3	2.2			2.2					

NOTE: POST LENGTHS ARE ESTIMATES FOR BIDDING PURPOSES ONLY. EXACT LENGTH SHALL BE DETERMINED BY PROPERLY INSTALLING THE SIGNS ACCORDING TO APPLICABLE SIGNING STANDARDS.

MODEL: Default
FILE NAME: P:\Civil\IDOT DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Lena 3117091\CAD Sheets\D264L27-sht-schedule.dgn

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architects engineers surveyors
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123 North 15th Street Mattoon, IL 61938
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USER NAME = Sta42	DESIGNED - SJF	REVISED -
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 10/8/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20 AT IL ROUTE 73
SCHEDULE OF QUANTITIES

SCALE: N.T.S. / in. | SHEET 12 OF 17 SHEETS | STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	40
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087

SIGN SCHEDULE (US ROUTE 20)

STATION	OFFSET	SIZE	SIGN DESCRIPTION	MUTCD SIGN TYPE (COLOR)	AREA	72000100 SIGN PANEL - TYPE 1	72000200 SIGN PANEL - TYPE 2	72400310 REMOVE SIGN PANEL - TYPE 1	72400320 REMOVE SIGN PANEL - TYPE 2	72800100 TELESCOPING STEEL SIGN SUPPORT	73000100 WOOD SIGN SUPPORT	89502400 REMOVE EXISTING FLASHING BEACON INSTALLATION COMPLETE	X7240600 REMOVE AND RE-ERECT EXISTING SIGN
		INxIN			SQ FT	SQ FT	SQ FT	SQ FT	SQ FT	FOOT	FOOT	EACH	EACH
258+92	36' LT	30x36	STAGECOACH TRAIL	STAGECOACH TRAIL	7.5						16		1
		6x24	LT/RT ARROW	M6-4	1.0								
259+00	33' RT	24x12	EAST	M3-2 (WHITE)	2.0	2.0					17		
		24x24	US 20	M1-4 (WHITE)	4.0	4.0							
		24x30	US GRANT MEMORIAL HIGHWAY	US GRANT MEMORIAL HIGHWAY	5.0	5.0							
259+77	28' LT	60x30	PEARL CITY, LENA	D1-2	12.5				12.5				
		60x36	LE-AQUA-NA STATE PARK	D1-2	15.0				15.0				
260+77	43' LT	60x30	PEARL CITY, LENA	D1-2 (GREEN)	12.5		12.5				36		
		60x36	LE-AQUA-NA STATE PARK	D1-2 (BROWN)	15.0		15.0						
261+50	33' RT	30x36	SPEED LIMIT 55	R2-1 (WHITE)	7.5	7.5					16		
261+55	29' RT	30x36	SPEED LIMIT 45	R2-1	7.5			7.5					
		64x48	NO PASSING ZONE	W14-3	10.7				10.7				
262+77	33' LT	21x15	JCT	M2-1 (WHITE)	2.2	2.2					14		
		24x24	ILLINOIS 73	M1-I100 (WHITE)	4.0	4.0							
264+00	33' RT	18x18	MILE MARKER (2)	M1-I200 (2) (WHITE)	2.3	4.6					30		
		60x30	FREEPORT, ROCKFORD	FREEPORT, ROCKFORD (GREEN)	12.5		12.5						
264+77	28.6' LT	36x36	SIGNAL AHEAD	W3-3 (YELLOW)	9.0	9.0					16		
264+77	28.6' RT	36x36	SIGNAL AHEAD	W3-3 (YELLOW)	9.0	9.0					16		
264+80	19' LT	21x15	JCT	M2-1	2.2			2.2					
		24x24	ILLINOIS 73	M1-I100	4.0			4.0					
265+09	17' LT	12x16	OBJECT MARKER	OM-3R	1.3			1.3					
265+11	29' RT	18x18	MILE MARKER (2)	M1-I200 (2)	2.3			4.6					
266+89	24' RT	60x30	FREEPORT, ROCKFORD		12.5				12.5				
266+90	25' LT	30x36	SPEED LIMIT 45	R2-1	7.5			7.5					
267+77	25' RT	60x18	CAMPING, LT ARROW	CAMPING, LT ARROW	7.5			7.5					
271+02	41' LT		AUTHENTIC LENA		TO BE RELOCATED BY OTHERS								
272+65	23' RT	36x36	INTERSECTION AHEAD	W2-1	9.0			9.0				1	
		30x9	IL 73	IL 73	1.9			1.9					
272+66	22' LT	36x36	INTERSECTION AHEAD	W2-1	9.0			9.0				1	
		30x9	IL 73	IL 73	1.9			1.9					
273+48	34' LT	36x36	STOP	R1-1 (RED)	9.0	9.0					16		
273+54	34' LT	30x30	STOP	R1-1	6.3			6.3					
277+22	25' LT	48x16	CAMPING, RT ARROW	CAMPING, RT ARROW	5.3			5.3					
280+83	25' RT	30x36	SPEED LIMIT 55	R2-1	7.5			7.5					
280+93	24' LT	30x36	SPEED LIMIT 45	R2-1	7.5			7.5					
283+55	26.5' RT	64x48	NO PASSING ZONE	W14-3 (YELLOW)	10.7		10.7				16		
283+68	27' RT	64x48	NO PASSING ZONE	W14-3	10.7				10.7				
286+12	15' LT	12x16	OBJECT MARKER	OM-3L	1.3			1.3					
286+12	18' RT	12x16	OBJECT MARKER	OM-3R	1.3			1.3					
286+80	15' LT	12x16	OBJECT MARKER	OM-3R	1.3			1.3					
286+79	18' RT	12x16	OBJECT MARKER	OM-3L	1.3			1.3					
291+16	25' LT	36x36	SPEED LIMIT 45 AHEAD	W3-5	9.0			9.0					
306+53	18' LT	12x16	OBJECT MARKER	OM-3L	1.3			1.3					
306+53	17' RT	12x16	OBJECT MARKER	OM-3R	1.3			1.3					
307+20	18' LT	12x16	OBJECT MARKER	OM-3R	1.3			1.3					
307+21	19' RT	12x16	OBJECT MARKER	OM-3L	1.3			1.3					
307+77	29' LT	54x48	NO PASSING ZONE	W14-3	9.0			9.0					
307+77	26' LT	64x48	NO PASSING ZONE	W14-3 (YELLOW)	10.7		10.7				16		
310+32	32' RT	12x24	600 E REES RD / 1100 N US RT 20 (2)	-						16			2
310+32	32' LT	36x36	STOP	R1-1 (RED)	9.0	9.0					16		
310+48	31' LT	30x30	STOP	R1-1	6.3			6.3					
310+80	29' RT	30x30	STOP	R1-1	6.3			6.3					
310+89	42' RT	36x36	STOP	R1-1 (RED)	9.0	9.0					16		
				TOTAL	**141.8**	**101.4**	**275.9**	**135.9**	**16**	**399**	**6**	**3**	
				ROUNDED TOTAL	**142**	**102**	**276**	**136**	**16**	**399**	**6**	**3**	

NOTE: POST LENGTHS ARE ESTIMATES FOR BIDDING PURPOSES ONLY. EXACT LENGTH SHALL BE DETERMINED BY PROPERLY INSTALLING THE SIGNS ACCORDING TO APPLICABLE SIGNING STANDARDS.

MODEL: Default
FILE NAME: P:\Civil_IDOT_DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Lena 3117091\CAD Sheets\D2764_27-4th-sched.dgn

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PLOT SCALE = 2.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 10/8/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20 AT IL ROUTE 73
SCHEDULE OF QUANTITIES

SCALE: N.T.S. ' in. | SHEET 13 OF 17 SHEETS | STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	41
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

SIGN SCHEDULE (IL 73)

STATION	OFFSET	SIZE	SIGN TYPE	MUTCD SIGN	AREA	72000100 SIGN PANEL - TYPE 1	72000200 SIGN PANEL - TYPE 2	72400310 REMOVE SIGN PANEL - TYPE 1	72400320 REMOVE SIGN PANEL - TYPE 2	72800100 TELESCOPING STEEL SIGN SUPPORT	73000100 WOOD SIGN SUPPORT	89502400 REMOVE EXISTING FLASHING BEACON INSTALLATION	X7240600 REMOVE AND RE-ERECT EXISTING SIGN
		INxIN			SQ FT	SQ FT	SQ FT	SQ FT	SQ FT	FOOT	FOOT	EACH	EACH
568+90	24' RT	36x36	STOP AHEAD	W3-1	9.0			9.0				1	
571+69	24' RT	21x15	JCT	M2-1	2.2			2.2					
		24x24	US 20	M1-4	4.0			4.0					
572+00	30' LT	36x36	SIGNAL AHEAD	W3-3 (YELLOW)	9.0	9.0				34			
		60x30	PEARL CITY, IL 72	D2-2 (GREEN)	12.5		12.5						
572+00	30' RT	36x36	SIGNAL AHEAD	W3-3 (YELLOW)	9.0	9.0					16		
573+82	24' RT	60x30	GALENA, FREEPORT	D2-1	12.5				12.5				
574+00	30' RT	21x15	JCT	M2-1 (WHITE)	2.2	2.2					14		
		24x24	US 20	M1-4 (WHITE)	4.0	4.0							
575+00	38' LT	30x36	SPEED LIMIT 55	R2-1 (WHITE)	7.5	7.5					14		
575+82	25' LT	60x30	PEARL CITY, IL 72	D2-1	12.5				12.5				
576+00	32' RT	60x30	PEARL CITY, IL 72	D2-1 (GREEN)	12.5		12.5			26			
577+28	29' RT	24x24	US 20	M1-4	4.0			4.0					
		21x15	LT/RT ARROW	M6-4	2.2			2.2					
		24x24	ILLINOIS 73	M1-I100	4.0			4.0					
		21x15	AHEAD ARROW	M6-3	2.2			2.2					
578+00	33' LT	24x12	SOUTH	M3-3 (WHITE)	2.0	2.0					14		
		24x24	ILLINOIS 73	M1-I100 (WHITE)	4.0	4.0							
578+00	33' RT	24x24	US 20	MI-4 (WHITE)	4.0	4.0					13		
		21x15	LT/RT ARROW	M6-4 (WHITE)	2.2	2.2							
		24x24	ILLINOIS 73	M1-I100 (WHITE)	4.0	4.0							
		21x15	AHEAD ARROW	M6-3 (WHITE)	2.2	2.2							
578+24	31' LT	24x12	SOUTH	M3-3	2.0			2.0					
		24x24	ILLINOIS 73	M1-I100	4.0			4.0					
580+10	33' RT	24x12	NORTH	M3-1 (WHITE)	2.0	2.0				16			
		24x24	ILLINOIS 73	M1-I100 (WHITE)	4.0	4.0							
580+20	33' LT	24x24	US 20	M1-4 (WHITE)	4.0	4.0					15		
		21x15	LT/RT ARROW	M6-4 (WHITE)	2.2	2.2							
		24x24	ILLINOIS 73	M1-I100 (WHITE)	4.0	4.0							
		21x15	AHEAD ARROW	M6-3 (WHITE)	2.2	2.2							
580+40	26' RT	24x12	NORTH	M3-1	2.0			2.0					
		24x24	ILLINOIS 73	M1-I100	4.0			4.0					
		18x18	MILE MARKER (2)	M1-I200 (2)	4.0			8.0					
580+51	25' LT	24x24	US 20	M1-4	4.0			4.0					
		21x15	LT/RT ARROW	M6-4	2.2			2.2					
		24x24	ILLINOIS 73	M1-I100	4.0			4.0					
		21x15	AHEAD ARROW	M6-3	2.2			2.2					
580+80	33' RT	18x18	MILE MARKER (2)	M1-I200 (2) (WHITE)	2.3	4.6				14			
581+20	29' RT	30x36	ADOPT A HIGHWAY	I1-I107A	7.5			7.5					
		30x18	ADOPT A HIGHWAY NAME	I1-I107B	3.8			3.8					
582+16	30' RT	60x30	LENA, WINSLOW	D2-2	12.5				12.5				
582+20	34' RT	30x36	ADOPT A HIGHWAY	I1-107	7.5	7.5				16			
582+20	30' LT	60x30	FREEPORT, GALENA	D1-2 (GREEN)	12.5		12.5			34			
582+75	30' LT	60x30	FREEPORT, GALENA	D1-2	12.5				12.5				
584+10	34' RT	30x36	SPEED LIMIT 55	R2-1 (WHITE)	7.5	7.5					14		
584+20	34' LT	21x15	JCT	M2-1 (WHITE)	2.2	2.2					14		
		24x24	US 20	M1-4 (WHITE)	4.0	4.0							
586+20	30' LT	36x36	SIGNAL AHEAD	W3-3 (YELLOW)	9.0	9.0				17			
586+00	30' RT	36x36	SIGNAL AHEAD	W3-3 (YELLOW)	9.0	9.0				34			
		60x30	LENA, WINSLOW	D2-2 (GREEN)	12.5		12.5						
586+11	37' LT	21x15	JCT	JCT	2.2			2.2					
		24x24	US 20	US 20	4.0			4.0					
589+42	27' LT	36x36	STOP AHEAD	STOP AHEAD	9.0			9.0				1	

NOTE: POST LENGTHS ARE ESTIMATES FOR BIDDING PURPOSES ONLY. EXACT LENGTH SHALL BE DETERMINED BY PROPERLY INSTALLING THE SIGNS ACCORDING TO APPLICABLE SIGNING STANDARDS.

MODEL: Default
FILE NAME: P:\Civil_IDOT_DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Lena 3117091\CAD Sheets\D2641.27-shl-schedule.dgn

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TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 10/8/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20 AT IL ROUTE 73
SCHEDULE OF QUANTITIES

SCALE: N.T.S. in. | SHEET 14 OF 17 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	42
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087

SIGN SCHEDULE (IL 73)

STATION	OFFSET	SIZE	SIGN TYPE	MUTCD SIGN	AREA	72000100 SIGN PANEL - TYPE 1	72000200 SIGN PANEL - TYPE 2	72400310 REMOVE SIGN PANEL - TYPE 1	72400320 REMOVE SIGN PANEL - TYPE 2	72800100 TELESCOPING STEEL SIGN SUPPORT	73000100 WOOD SIGN SUPPORT	89502400 REMOVE EXISTING FLASHING BEACON INSTALLATION	X7240600 REMOVE AND RE-ERECT EXISTING SIGN
		INxIN			SQ FT	SQ FT	SQ FT	SQ FT	SQ FT	FOOT	FOOT	EACH	EACH
589+82	17' RT	12x16	OBJECT MARKER	OM-3R	1.3			1.3					
590+87	19' RT	12x16	OBJECT MARKER	OM-3L	1.3			1.3					
595+08	22' RT	36x24	WEIGHT LIMIT	R12-4	6.0			6.0					
595+43	19' RT	12x16	OBJECT MARKER	OM-3R	1.3			1.3					
596+48	19' RT	12x16	OBJECT MARKER	OM-3L	1.3			1.3					
596+70	21' LT	36x24	WEIGHT LIMIT	R12-4	6.0			6.0					
				TOTAL		**112.3**	**50.0**	**103.7**	**50.0**	**191.0**	**114.0**	**2.0**	**0.0**
				ROUNDED TOTAL		**113**	**50**	**104**	**50**	**191**	**114**	**2**	**0**

NOTE: POST LENGTHS ARE ESTIMATES FOR BIDDING PURPOSES ONLY. EXACT LENGTH SHALL BE DETERMINED BY PROPERLY INSTALLING THE SIGNS ACCORDING TO APPLICABLE SIGNING STANDARDS.

SIGN SCHEDULE TOTAL

	72000100 SIGN PANEL - TYPE 1	72000200 SIGN PANEL - TYPE 2	72400310 REMOVE SIGN PANEL - TYPE 1	72400320 REMOVE SIGN PANEL - TYPE 2	72800100 TELESCOPING STEEL SIGN SUPPORT	73000100 WOOD SIGN SUPPORT	89502400 REMOVE EXISTING FLASHING BEACON INSTALLATION	X7240600 REMOVE AND RE-ERECT EXISTING SIGN
	SQ FT	SQ FT	SQ FT	SQ FT	FOOT	FOOT	EACH	EACH
US 20	142	102	276	136	16	399	6	3
IL 73	113	50	104	50	191	114	2	0
ROUNDED TOTAL	**255**	**152**	**380**	**186**	**207**	**513**	**8**	**3**

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USER NAME = Sta42	DESIGNED - SJF	REVISED -	
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 10/6/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20 AT IL ROUTE 73
SCHEDULE OF QUANTITIES

SCALE: N.T.S. ' in. | SHEET 15 OF 17 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	43
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

MODEL: Default
FILE NAME: P:\Civil_IDOT_DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Lena 3117091\CAD Sheets\D2264L27-sht-schedule.dgn

TEMPORARY PAVEMENT MARKINGS SCHEDULE

	ROUTE	STATION	TO STATION	LT/RT	LENGTH	70106700 TEMPORARY RUMBLE STRIPS	70300100 SHORT TERM PAVEMENT MARKING	70300150 SHORT TERM PAVEMENT MARKING REMOVAL	70300221 TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT	70300281 TEMPORARY PAVEMENT MARKING - LINE 24" - PAINT	70307120 TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	78100200 TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER	78300202 PAVEMENT MARKING REMOVAL - WATER BLASTING
					FOOT	EACH	FOOT	SQ FT	FOOT	FOOT	FOOT	EACH	SQ FT
STAGE 1C	US 20	297+79.7	309+64.4	RT	1186			296.5			1186		
STAGE 1D	US 20	299+12.6	308+02.4	RT	890			222.5			890		
STAGE 1E	US 20	265+75	275+75	RT		3							
	US 20	282+85	290+13	LT	728			182		24	728		48
	US 20	282+85	290+13	LT	728			182			728		
	US 20	293+13	303+13	RT		3							
STAGE 1F	US 20	282+85	290+70	LT	785			196.25			785		
	US 20	282+85	290+70	RT	785			196.25			785		
STAGE 2	TEMP RA	1238+00	1248+00	LT/RT	1000				6000			300	
	TEMP RA	1248+00	1268+00	LT/RT	2000				24000			150	
	TEMP RA	1268+00	1278+00	LT/RT	1000				6000			300	
STAGE 3A	US 20	275+20.7	278+41.3	LT	320.6								184.8
	IL 73	578+18.8	578+44.4	RT	25.6			7.25			29		
STAGE 4C	US 20	265+75	275+75	RT		3							
	US 20	270+69.5	281+60	LT	1090.5			518.725		36	2074.9		
	US 20	284+60	294+60	RT		3							
STAGE 4D	US 20	271+20	281+60					506.35			2025.4		
STAGE 4	US 20	238+00	244+00	500	LT/RT		150	37.5					
	US 20	244+00	278+30	3430	LT/RT		343	85.8					
	US 20	278+30	297+68.5	1938.5	LT/RT		581.55	145.4					
	IL 73	570+35	579+00	865	LT/RT		86.5	21.6					
	IL 73	579+00	589+00	1000	LT/RT		100	25.0					
	IL 73	589+00	599+44	1044	LT/RT		313.2	78.3					
					TOTAL	12.0	1,574.3	2,701.4	36,000.0	60.0	9,231.3	750.0	232.8
					ROUNDED TOTAL	12	1,574	2,702	36,000	60	9,232	750	233

TEMPORARY GUARDRAIL SCHEDULE

ROUTE	STATION	STATION	LT/RT	70500100 TEMPORARY STEEL PLATE BEAM GUARDRAIL, TYPE A	X7050165 TEMPORARY TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL)
				FOOT	EACH
RA	1250+72.6	1251+22.6	RT		1
RA	1251+22.6	1252+72.6	RT	150	
RA	1252+72.6	1253+22.6	RT		1
			TOTAL	150	2

24" PAVEMENT MARKING SCHEDULE

ROUTE	STATION	LT/RT	TYPE OF MARKING	78009024 MODIFIED URETHANE PAVEMENT MARKING, LINE 24"	78011125 GROOVING FOR RECESSED PAVEMENT MARKING 25"
				FOOT	
				WHITE	FOOT
US 20	256+83.8	LT/RT	STOP BAR	12.0	12.0
US 20	256+98.8	RT	STOP BAR	33.3	33.3
US 20	258+16.5	LT	STOP BAR	33.3	33.3
US 20	258+31.5	LT/RT	STOP BAR	12.0	12.0
IL 73	578+47.4	LT/RT	STOP BAR	12.0	12.0
IL 73	578+62.4	RT	STOP BAR	12.0	12.0
IL 73	578+55.7	RT	STOP BAR	18.0	18.0
IL 73	579+49.0	LT	STOP BAR	18.0	18.0
IL 73	579+55.6	LT	STOP BAR	12.0	12.0
IL 73	579+70.6	LT/RT	STOP BAR	12.0	12.0
			TOTAL	174.6	174.6
			ROUNDED TOTAL	175	175

8" PAVEMENT MARKING SCHEDULE

ROUTE	STATION TO STATION		LT/RT	TYPE OF MARKING	78009008 MODIFIED URETHANE PAVEMENT MARKING, LINE 8"	78011045 GROOVING FOR RECESSED PAVEMENT MARKING 9"
					FOOT	
					WHITE	FOOT
US 20	254+00.4	256+98.8	RT	TURN LANE SOLID	596.8	596.8
US 20	256+88.2	257+38.3	LT	CORNER ISLAND SOLID	163.1	163.1
US 20	257+77.0	258+27.2	RT	CORNER ISLAND SOLID	163.1	163.1
US 20	258+16.5	261+14.9	LT	TURN LANE SOLID	596.8	596.8
IL 73	576+07.4	578+62.4	RT	TURN LANE SOLID	255.0	255.0
IL 73	579+55.6	582+10.6	LT/RT	TURN LANE SOLID	255.0	255.0
				TOTAL	2,029.8	2,029.8
				ROUNDED TOTAL	2,030	2,030

12" PAVEMENT MARKING SCHEDULE

ROUTE	STATION TO STATION		LT/RT	TYPE OF MARKING	78009012 MODIFIED URETHANE PAVEMENT MARKING, LINE 12"		78011065 GROOVING FOR RECESSED PAVEMENT MARKING 13"
					FOOT		FOOT
					WHITE	YELLOW	
US 20	247+85.4	254+00	LT/RT	MEDIAN DIAGONALS		214.1	214.1
US 20	256+88.2	257+38.3	LT	ISLAND DIAGONALS	140.2		140.2
US 20	257+77.1	258+27.2	RT	ISLAND DIAGONALS	139.8		139.8
US 20	261+00	267+29.9	LT/RT	MEDIAN DIAGONALS		213.6	213.6
IL 73	570+35	576+00	LT/RT	MEDIAN DIAGONALS		203.9	203.9
IL 73	582+10.6	587+50.6	LT/RT	MEDIAN DIAGONALS		204.0	204.0
				TOTAL	280.0	835.6	1,115.6
				ROUNDED TOTAL	1,116		1,116

MODEL: Default
FILE NAME: P:\Civil\IDOT DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Lena 3117091\CAD Sheets\D2641,27-shl-schedule.dgn

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TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
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PLOT DATE = 10/8/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20 AT IL ROUTE 73
SCHEDULE OF QUANTITIES

SCALE: N.T.S. ' in. | SHEET 16 OF 17 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	44
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

RAISED REFLECTIVE PAVEMENT MARKER SCHEDULE

ROUTE	STATION TO STATION		LINE TYPE	LENGTH	78100100 RAISED REFLECTIVE PAVEMENT MARKER		78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
				FOOT	EACH		EACH
					TWO-WAY AMBER	ONE-WAY CRYSTAL	
WEST LEG OF US 20							
US 20	237+70.00	244+00.00	DOUBLE CL	1260	63		
US 20	244+00.00	247+85.40	DOUBLE CL	385.4	20		
US 20	247+85.40	256+83.8	DOUBLE CL-MEDIAN	898.4	59		
US 20	254+00.4	256+98.8	TURN	298.4		30	
US 20	238+00	244+00		600			15
EAST LEG OF US 20							
US 20	258+16.5	261+14.9	TURN	298.4		30	
US 20	258+31.5	267+29.9	DOUBLE CL-MEDIAN	898.4	59		
US 20	267+29.9	278+30	DOUBLE CL	1100.1	55		
US 20	278+30	311+17.36	SKIP-DASH CL	3287.4	83		83
SOUTH LEG OF IL 73							
IL 73	570+35.00	578+80	DOUBLE CL-MEDIAN	845	55		
IL 73	576+07.4	578+62.4	TURN	255		13	
NORTH LEG OF IL 73							
IL 73	579+55.6	582+10.6	TURN	255		13	
IL 73	579+70.6	587+50.6	DOUBLE CL-MEDIAN	780	51		
IL 73	587+50.6	599+44	SKIP-DASH CL	1193.4	30		
IL 73	589+00	599+44		1044			27
			SUBTOTAL		**475**	**86**	**125**
			TOTAL		**561**		**125**

4" PAVEMENT MARKING SCHEDULE

ROUTE	STATION TO STATION		LT/RT	TYPE OF MARKING	78001110 PAINT PAVEMENT MARKING - LINE 4"	78009004 MODIFIED URETHANE PAVEMENT MARKING, LINE 4"		78011025 GROOVING FOR RECESSED PAVEMENT MARKING 5"
					FOOT	FOOT		FOOT
						WHITE	YELLOW	
US 20	237+70	244+00	LT/RT	SOLID EDGE		1,260.0		1,260.0
US 20	237+70	244+00	CL	DOUBLE			1,260.0	1,260.0
US 20	244+00	256+44	LT	SOLID EDGE		1,244.0		1,244.0
US 20	244+00	256+44	RT	SOLID EDGE		1,244.0		1,244.0
US 20	244+00	247+85.40	CL	DOUBLE			770.8	770.8
US 20	247+85.40	256+83.8	CL	DOUBLE			3,600.6	3,600.6
US 20	258+50	267+29.9	LT	SOLID EDGE		880.0		880.0
US 20	258+50	267+29.9	RT	SOLID EDGE		880.0		880.0
US 20	258+31.5	267+29.9	CL	DOUBLE			3,600.6	3,600.6
US 20	267+29.9	276+00	CL	DOUBLE			1,740.2	1,740.2
US 20	278+30	310+13.81	LT	SOLID EDGE		3,233.8		3,233.8
US 20	278+30	310+06.67	RT	SOLID EDGE		3,226.7		3,226.7
US 20	278+30	309+45	CL	SKIP-DASH			778.8	778.8
US 20	278+30	283+55	CL	SOLID			525.0	525.0
US 20	307+77	309+45	CL	SOLID			168.0	168.0
US 20	309+45	311+17.36	CL	DOUBLE			344.7	344.7
IL 73	570+35	578+80	LT	SOLID EDGE		880.0		880.0
IL 73	570+35	578+80	RT	SOLID EDGE		887.8		887.8
IL 73	570+35	578+47.4	CL	DOUBLE			3,256.6	3,256.6
IL 73	579+70.6	587+50.6	CL	DOUBLE			3,127.4	3,127.4
IL 73	579+37.1	599+44	LT	SOLID EDGE		2,048.9		2,048.9
IL 73	579+37.1	599+44	RT	SOLID EDGE		2,043.8		2,043.8
IL 73	587+50.6	599+44	CL	SOLID			1,193.4	1,193.4
IL 73	587+50.6	599+44	LT	SKIP-DASH			298.4	298.4
*GOOD NEIGHBOR POLICY					6,600.0			
				TOTAL	**6,600.0**	**17,829.0**	**20,664.5**	**38,493.5**
				ROUNDED TOTAL	**6,600**	**38,494**		**38,494**

LETTERS & SYMBOLS PAVEMENT MARKING SCHEDULE

ROUTE	STATION TO STATION		LT/RT	TYPE OF MARKING	78009000 MODIFIED URETHANE PAVEMENT MARKING, LETTERS AND SYMBOLS	78011000 GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS
					SQ FT	SQ FT
					WHITE	WHITE
US 20	254+00.43	256+98.92	LT/RT	4 LT ARROWS	62.4	67.2
				4 RT ARROWS	62.4	67.2
US 20	258+16.50	261+14.89	LT/RT	4 LT ARROWS	62.4	67.2
				4 RT ARROWS	62.4	67.2
IL 73	576+07.37	578+62.37	LT/RT	4 LT ARROWS	62.4	67.2
IL 73	579+70.60	582+10.80	LT/RT	4 LT ARROWS	62.4	67.2
				TOTAL	**374.4**	**403.2**
				ROUNDED TOTAL	**375**	**404**

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USER NAME = Sta42	DESIGNED - SJF	REVISED -	
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 10/10/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20 AT IL ROUTE 73
SCHEDULE OF QUANTITIES

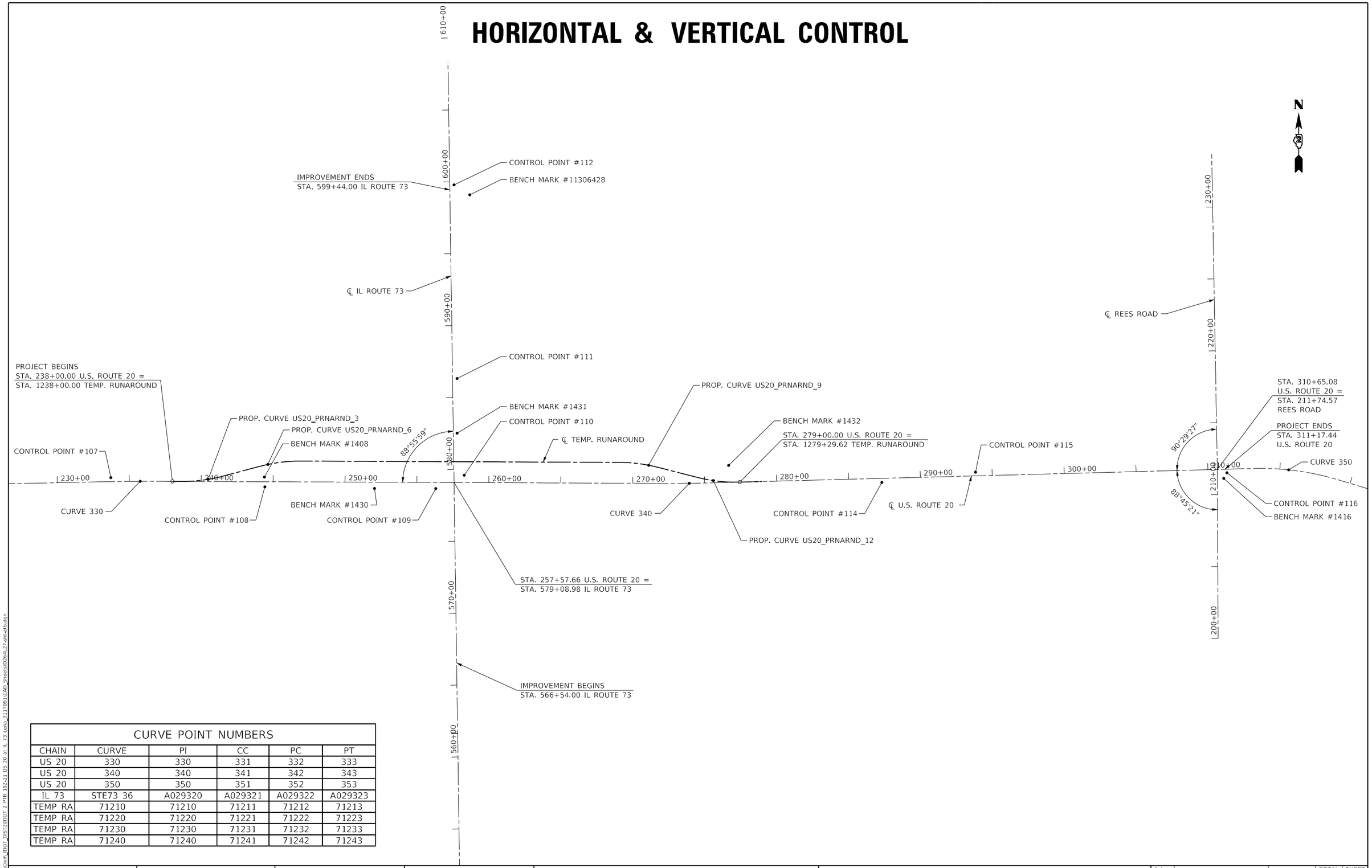
SCALE: N.T.S. in. | SHEET 17 OF 17 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	45
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087

MODEL: Default
FILE NAME: P:\Civil_IDOT_DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Lena 3117091\CAD Sheets\D2641.27-sht-schedule.dgn

HORIZONTAL & VERTICAL CONTROL



CURVE POINT NUMBERS					
CHAIN	CURVE	PI	CC	PC	PT
US 20	330	330	331	332	333
US 20	340	340	341	342	343
US 20	350	350	351	352	353
IL 73	STE73 36	A029320	A029321	A029322	A029323
TEMP RA	71210	71210	71211	71212	71213
TEMP RA	71220	71220	71221	71222	71223
TEMP RA	71230	71230	71231	71232	71233
TEMP RA	71240	71240	71241	71242	71243

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PLOT SCALE = 600 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HORIZONTAL & VERTICAL CONTROL

SCALE: 600 ' / in. | SHEET 1 OF 4 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	46
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

MODEL: Default
FILE NAME: P:\Civil\IDOT DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Lena- 3117091\CAD Sheets\D2264_27-alt-alt.dgn

HORIZONTAL & VERTICAL CONTROL

Chain US20 contains:
CUR 330 CUR 340 CUR 350

Beginning chain US20 description
==========

Curve Data

Curve 330
P.I. Station 235+20.09 N 2,072,722.6799 E 2,385,784.8998
Delta = 1° 24' 31.09" (RT)
Degree = 0° 21' 10.25"
Tangent = 199.6204
Length = 399.2206
Radius = 16,238.1692
External = 1.2269
Long Chord = 399.2106
Mid. Ord. = 1.2269
P.C. Station 233+20.47 N 2,072,718.6174 E 2,385,585.3208
P.T. Station 237+19.69 N 2,072,721.8349 E 2,385,984.5184
C.C. N 2,056,483.8112 E 2,385,915.7831
Back = N 88° 50' 02.02" E
Ahead = S 89° 45' 26.89" E
Chord Bear = N 89° 32' 17.57" E

Course from PT 330 to PC 340 S 89° 45' 26.89" E Dist 3,447.8367

Curve Data

Curve 340
P.I. Station 273+75.43 N 2,072,706.3604 E 2,389,640.2274
Delta = 1° 45' 32.76" (LT)
Degree = 0° 25' 23.11"
Tangent = 207.9051
Length = 415.7775
Radius = 13,542.3302
External = 1.5958
Long Chord = 415.7612
Mid. Ord. = 1.5956
P.C. Station 271+67.53 N 2,072,707.2404 E 2,389,432.3242
P.T. Station 275+83.31 N 2,072,711.8628 E 2,389,848.0597
C.C. N 2,086,249.4493 E 2,389,489.6481
Back = S 89° 45' 26.89" E
Ahead = N 88° 29' 00.35" E
Chord Bear = N 89° 21' 46.73" E

Course from PT 340 to PC 350 N 88° 29' 00.35" E Dist 3,736.7079

Curve Data

Curve 350
P.I. Station 316+17.16 N 2,072,818.6229 E 2,393,880.5018
Delta = 18° 12' 51.50" (RT)
Degree = 3° 05' 27.37"
Tangent = 297.1472
Length = 589.2810
Radius = 1,853.6700
External = 23.6656
Long Chord = 586.8028
Mid. Ord. = 23.3673
P.C. Station 313+20.01 N 2,072,810.7586 E 2,393,583.4587
P.T. Station 319+09.29 N 2,072,733.2457 E 2,394,165.1194
C.C. N 2,070,957.7379 E 2,393,632.5179
Back = N 88° 29' 00.35" E
Ahead = S 73° 18' 08.14" E
Chord Bear = S 82° 24' 33.89" E

==========
Ending chain US20 description

Chain STE73 contains:
CUR STE73 36 STE7339 STE7340

Beginning chain STE73 description
==========

Curve Data

Curve STE73 36
P.I. Station 525+85.97 N 2,067,390.7217 E 2,388,099.0559
Delta = 0° 51' 02.91" (RT)
Degree = 0° 04' 11.97"
Tangent = 607.7958
Length = 1,215.5692
Radius = 81,859.8897
External = 2.2564
Long Chord = 1,215.5580
Mid. Ord. = 2.2563
P.C. Station 519+78.17 N 2,066,783.1857 E 2,388,116.8242
P.T. Station 531+93.74 N 2,067,998.4545 E 2,388,090.3108
C.C. N 2,069,176.2777 E 2,469,941.7266
Back = N 1° 40' 30.80" W
Ahead = N 0° 49' 27.90" W
Chord Bear = N 1° 14' 59.35" W

Course from PT STE73 36 to STE7339 N 0° 49' 27.90" W Dist 6,145.5439

Point STE7339 N 2,074,143.3623 E 2,388,001.8870 Sta 593+39.29

Course from STE7339 to STE7340 N 0° 49' 27.90" W Dist 4,456.9568

Point STE7340 N 2,078,599.8578 E 2,387,937.7590 Sta 637+96.24

==========
Ending chain STE73 description

Chain SREESE RD contains:
1541 1587

Beginning chain SREESE RD description
==========

Point 1541 N 2,071,629.4546 E 2,393,334.1936 Sta 200+00.00

Course from 1541 to 1587 N 0° 16' 20.28" W Dist 1,174.5701

Point 1587 N 2,072,804.0114 E 2,393,328.6114 Sta 211+74.57

==========
Ending chain SREESE RD description

Chain NREESE RD contains:
1587 1545

Beginning chain NREESE RD description
==========

Point 1587 N 2,072,804.0114 E 2,393,328.6114 Sta 211+74.57

Course from 1587 to 1545 N 1° 01' 32.30" W Dist 2,194.1692

Point 1545 N 2,074,997.8291 E 2,393,289.3362 Sta 233+68.74

==========
Ending chain NREESE RD description

Chain US20 PRNARND contains:
71001 CUR 71210 CUR 71220 CUR 71230 CUR 71240 71002

Beginning chain US20 PRNARND description
==========

Point 71001 N 2,072,721.4950 E 2,386,064.8262 Sta 1238+00.00

Course from 71001 to PC 71210 S 89° 45' 26.89" E Dist 68.3090

Curve Data

Curve 71210
P.I. Station 1240+11.09 N 2,072,720.6014 E 2,386,275.9164
Delta = 15° 03' 44.65" (LT)
Degree = 5° 18' 18.59"
Tangent = 142.7831
Length = 283.9196
Radius = 1,080.0000
External = 9.3975
Long Chord = 283.1027
Mid. Ord. = 9.3165
P.C. Station 1238+68.31 N 2,072,721.2058 E 2,386,133.1346
P.T. Station 1241+52.23 N 2,072,757.1226 E 2,386,413.9497
C.C. N 2,073,801.1962 E 2,386,137.7062
Back = S 89° 45' 26.89" E
Ahead = N 75° 10' 48.46" E
Chord Bear = N 82° 42' 40.79" E

Course from PT 71210 to PC 71220 N 75° 10' 48.46" E Dist 272.4032

Curve Data

Curve 71220
P.I. Station 1245+67.41 N 2,072,863.3194 E 2,386,815.3247
Delta = 15° 03' 44.65" (RT)
Degree = 5° 18' 18.59"
Tangent = 142.7831
Length = 283.9196
Radius = 1,080.0000
External = 9.3975
Long Chord = 283.1027
Mid. Ord. = 9.3165
P.C. Station 1244+24.63 N 2,072,826.7982 E 2,386,677.2914
P.T. Station 1247+08.55 N 2,072,862.7150 E 2,386,958.1065
C.C. N 2,071,782.7247 E 2,386,953.5349
Back = N 75° 10' 48.46" E
Ahead = S 89° 45' 26.89" E
Chord Bear = N 82° 42' 40.79" E

Course from PT 71220 to PC 71230 S 89° 45' 26.89" E Dist 2,215.5904

Curve Data

Curve 71230
P.I. Station 1270+57.38 N 2,072,852.7726 E 2,389,306.9112
Delta = 14° 03' 56.30" (RT)
Degree = 5° 18' 18.59"
Tangent = 133.2353
Length = 265.1310
Radius = 1,080.0000
External = 8.1873
Long Chord = 264.4658
Mid. Ord. = 8.1257
P.C. Station 1269+24.14 N 2,072,853.3366 E 2,389,173.6771
P.T. Station 1271+89.27 N 2,072,819.8452 E 2,389,436.0136
C.C. N 2,071,773.3462 E 2,389,169.1055
Back = S 89° 45' 26.89" E
Ahead = S 75° 41' 30.59" E
Chord Bear = S 82° 43' 28.74" E

Course from PT 71230 to PC 71240 S 75° 41' 30.59" E Dist 285.7331

Curve Data

Curve 71240
P.I. Station 1276+25.11 N 2,072,712.1346 E 2,389,858.3274
Delta = 15° 49' 29.05" (LT)
Degree = 5° 18' 18.59"
Tangent = 150.1000
Length = 298.2893
Radius = 1,080.0000
External = 10.3807
Long Chord = 297.3421
Mid. Ord. = 10.2818
P.C. Station 1274+75.01 N 2,072,749.2299 E 2,389,712.8834
P.T. Station 1277+73.30 N 2,072,716.1072 E 2,390,008.3749
C.C. N 2,073,795.7289 E 2,389,979.7916
Back = S 75° 41' 30.59" E
Ahead = N 88° 29' 00.35" E
Chord Bear = S 83° 36' 15.12" E

Course from PT 71240 to 71002 N 88° 29' 00.35" E Dist 156.3230

Point 71002 N 2,072,720.2444 E 2,390,164.6431 Sta 1279+29.62

==========
Ending chain US20 PRNARND description

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TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
PLOT SCALE = 600 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HORIZONTAL & VERTICAL CONTROL

SCALE: N.T.S. | SHEET 2 OF 4 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	47
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

HORIZONTAL & VERTICAL CONTROL

HORIZONTAL CONTROL POINTS

POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
107	2072747.28	2385636.97	926.38	US 20	233+72.60	27.69' LT	PIN & CAP
108	2072683.01	2386707.48	910.14	US 20	244+42.81	35.77' RT	PIN & CAP
109	2072671.71	2387895.29	893.54	US 20	256+30.66	42.04' RT	PIN & CAP
110	2072764.60	2388093.65	886.63	US 20	258+28.63	51.70' LT	PIN & CAP
111	2073436.78	2388043.71	901.91	IL 73	586+32.17	31.65' RT	PIN & CAP
112	2074783.25	2388022.41	888.46	IL 73	599+78.81	29.73' RT	DISK IN CONCRETE
114	2072714.12	2390996.30	887.67	US 20	287+31.21	28.13' RT	PIN & CAP
115	2072784.94	2391647.70	878.29	US 20	293+84.25	25.42' LT	PIN & CAP
116	2072780.82	2393395.67	915.36	US 20	311+31.50	24.96' RT	PIN & CAP

SURVEY WORK POINTS

POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
119	2074652.13	2388252.96	941.01	IL 73	598+44.39	258.37' RT	60D NAIL
151	2072395.67	2387780.37	905.66	IL 73	575+94.96	246.64' LT	TOPO SURVEY POINT
152	2072585.82	2388003.78	890.41	IL 73	577+81.88	20.52' LT	TOPO SURVEY POINT
153	2072515.37	2387741.00	906.56	IL 73	577+15.22	284.28' LT	TOPO SURVEY POINT

BENCH MARKS

POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
1408	2072751.36	2386704.53	915.33	US 20	244+39.57	32.58' LT	TOP OF ROW MARKER
1410	2072793.80	2388050.77	889.82	US 20	257+85.62	80.71' LT	SW BOLT ON LIGHT POLE IN
1415	2072833.37	2391633.59	876.72	US 20	293+71.42	74.21' LT	TOP OF ROW MARKER, N ROW
1416	2072741.88	2393373.23	919.87	US 20	311+08.04	63.29' RT	BENCHTIE IN N SIDE OF PP SE
1430	2072672.06	2387469.86	912.75	US 20	252+05.23	43.49' RT	CUT SQ IN N SIDE OF LARGE
1431	2073056.77	2388043.31	893.52	IL 73	582+52.21	25.78' RT	CUT SQ IN W SIDE LIGHT
11306428	2074714.11	2388131.93	887.79	IL 73	599+08.10	138.24' RT	CUT SQ IN SW COR OLD

REFERENCE POINTS

POINT	NORTH	EAST	CHAIN	STATION	OFFSET	DESCRIPTION
519	2072751.64	2385696.66	US 20	234+32.24	31.13' LT	SHINER IN POWER POLE
520	2072752.26	2385575.50	US 20	233+11.34	33.83' LT	SHINER IN WOOD FENCE POST
521	2072688.62	2385641.71	US 20	233+76.35	31.05' RT	SHINER IN TREE
522	2072673.09	2386650.00	US 20	243+85.37	45.93' RT	SHINER IN POWER POLE
523	2072752.08	2386703.33	US 20	244+38.36	33.29' LT	SHINER IN WOOD FENCE POST
524	2072749.35	2386731.21	US 20	244+66.26	30.67' LT	SHINER IN POWER POLE
525	2072632.43	2387813.18	US 20	255+48.71	81.67' RT	SHINER IN POWER POLE
526	2072673.48	2387850.89	US 20	255+86.25	40.45' RT	SHINER IN POWER POLE
527	2072631.58	2387912.48	US 20	256+48.02	82.10' RT	SHINER IN POWER POLE
528	2072759.10	2387975.19	US 20	257+10.18	45.69' LT	SHINER IN POWER POLE
529	2072786.07	2388096.62	US 20	258+31.50	73.18' LT	SHINER IN POWER POLE
530	2072752.14	2388151.94	US 20	258+86.97	39.48' LT	SHINER IN FENCE POST
531	2073355.45	2387976.09	IL 73	585+51.83	37.13' LT	SHINER IN POWER POLE
532	2073486.06	2387978.00	IL 73	586+82.39	33.35' LT	SHINER IN POWER POLE
533	2073496.77	2387978.01	IL 73	586+93.11	33.18' LT	SHINER IN POWER POLE
534	2072707.58	2390945.24	US 20	286+79.99	33.32' RT	SHINER IN POWER POLE
535	2072708.07	2390989.21	US 20	287+23.95	33.99' RT	SHINER IN FENCE POST
536	2072708.01	2391003.96	US 20	287+38.70	34.44' RT	SHINER IN FENCE POST
537	2072833.00	2391634.21	US 20	293+72.04	73.82' LT	SHINER IN FENCE POST
538	2072814.68	2391570.84	US 20	293+08.20	57.18' LT	SHINER IN FENCE POST
539	2072696.63	2391626.02	US 20	293+60.24	62.28' RT	SHINER IN FENCE POST
540	2072741.83	2393373.27	US 20	311+08.08	63.34' RT	SHINER IN FENCE POST
541	2072745.58	2393295.26	US 20	310+30.19	57.53' RT	SHINER IN FENCE POST
542	2072770.05	2393294.90	US 20	310+30.48	33.06' RT	SHINER IN FENCE POST

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PLOT SCALE = 600 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

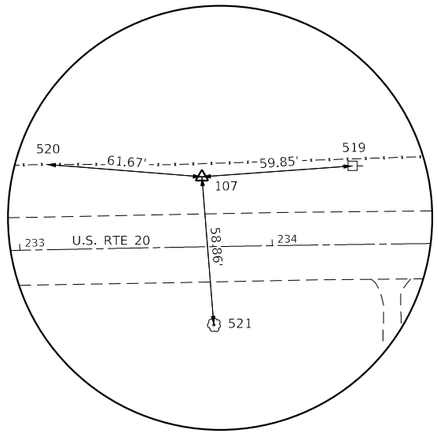
HORIZONTAL & VERTICAL CONTROL

SCALE: N.T.S. . | SHEET 3 OF 4 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	48
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087

HORIZONTAL & VERTICAL CONTROL



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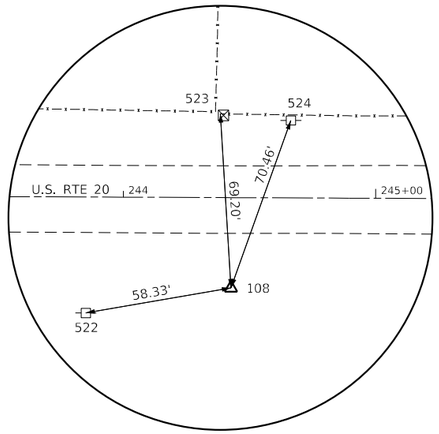

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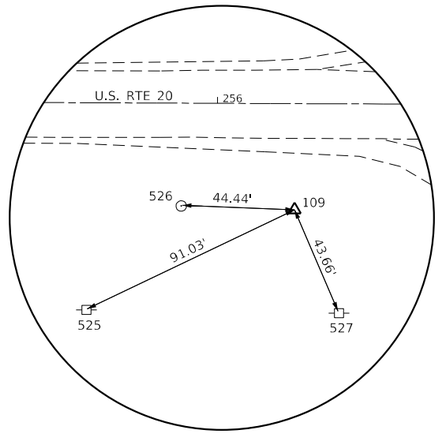

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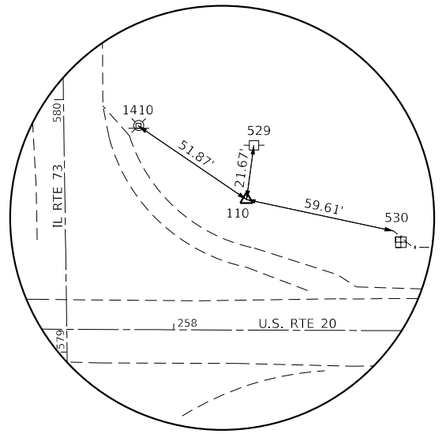

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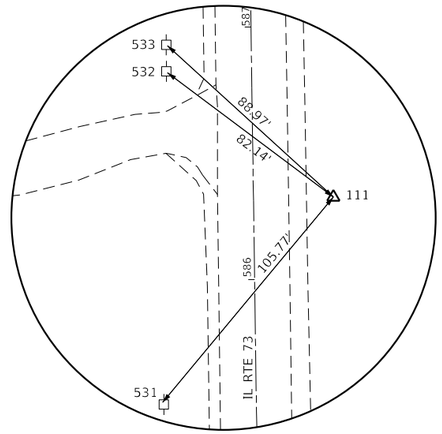

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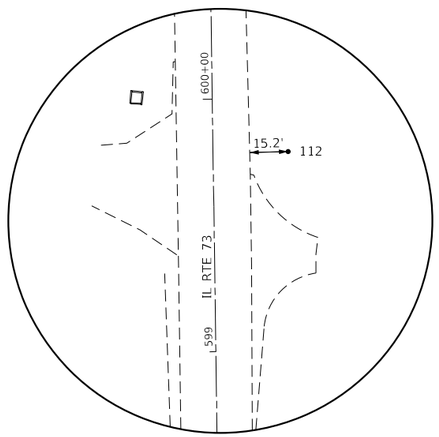

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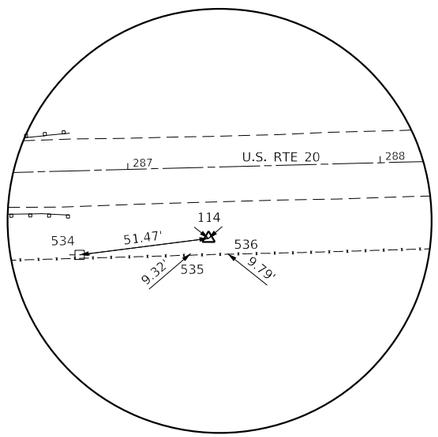

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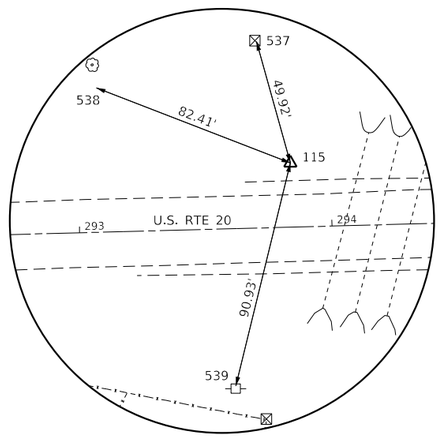

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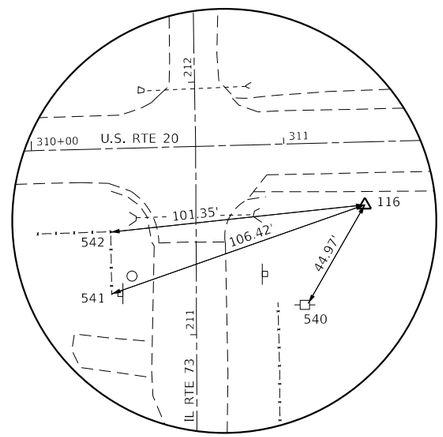

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TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
PLOT SCALE = 600 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -

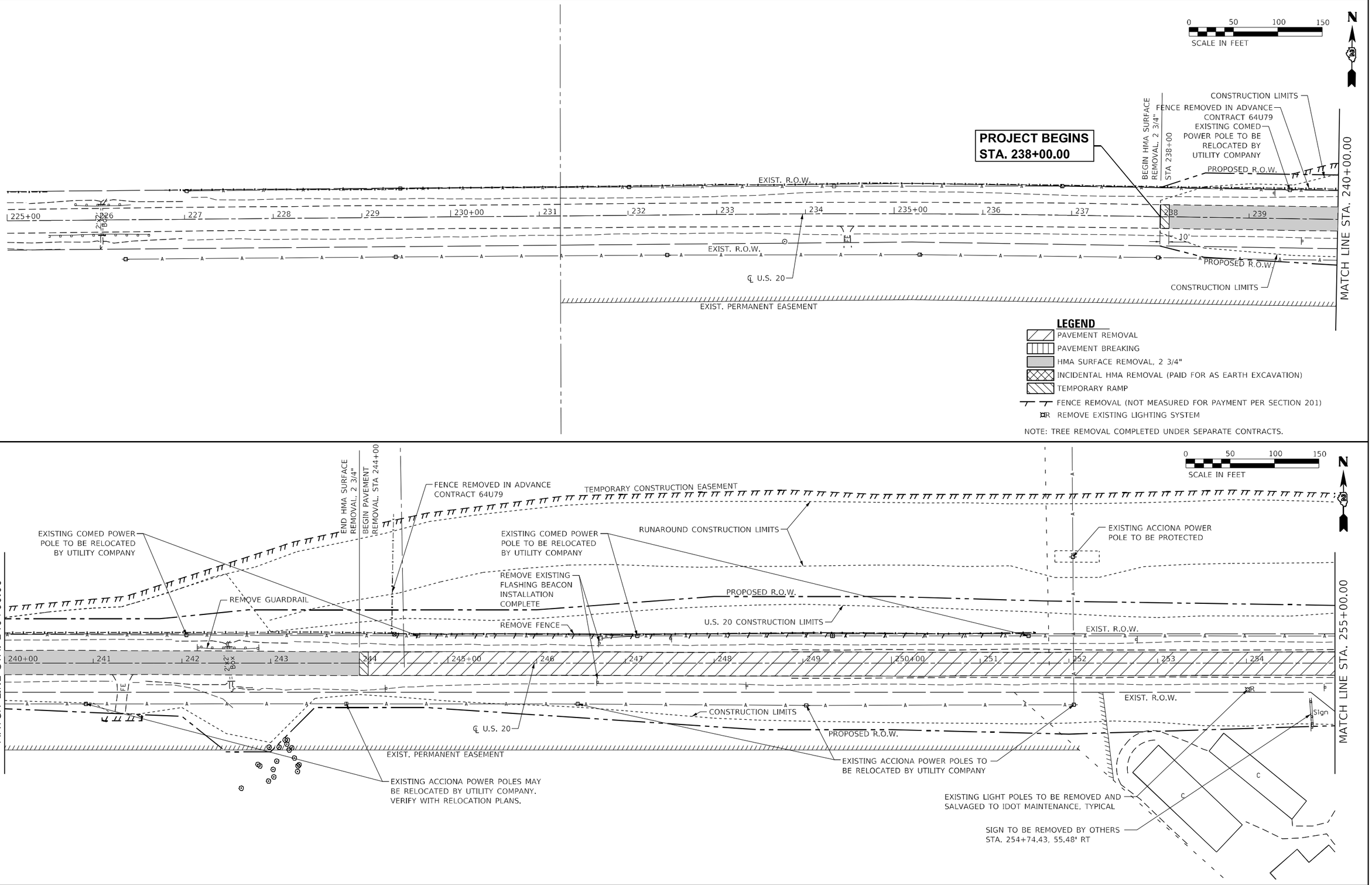
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HORIZONTAL & VERTICAL CONTROL

SCALE: N.T.S. . | SHEET 4 OF 4 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	49
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087



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PLOT SCALE = 100.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
REMOVAL PLAN

SCALE: 100.0000 ' / in. SHEET 1 OF 5 SHEETS STA. 225+00.00 TO STA. 255+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	50
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

END PAVEMENT REMOVAL
STA. 257+57.66
BEGIN PAVEMENT BREAKING

TEMPORARY CONSTRUCTION EASEMENT

℄ IL 73

STA. 257+57.66 U.S. RTE. 20 =
STA. 579+08.98 IL RTE. 73

RUNAROUND CONSTRUCTION LIMITS

END PAVEMENT BREAKING
STA. 266+79.89
BEGIN PAVEMENT REMOVAL

U.S. 20 CONSTRUCTION LIMITS

REMOVE GUARDRAIL

EXISTING LIGHT POLES TO BE REMOVED AND SALVAGED TO IDOT MAINTENANCE, TYPICAL

EXIST. R.O.W.

℄ U.S. 20
PROPOSED R.O.W.

MATCH LINE STA. 255+00.00

MATCH LINE STA. 270+00.00

18" CMP

EXIST. R.O.W.

Sign

EXISTING COMED POWER POLE TO BE RELOCATED BY UTILITY COMPANY

REMOVE BRICK PILLAR (INCLUDED IN COST OF EARTH EXCAVATION)

PROPOSED R.O.W.

AERO NORTH UNDERGROUND FIBER

CONSTRUCTION LIMITS

EXISTING COMED POWER POLE TO BE RELOCATED BY UTILITY COMPANY

WETLANDS - RIVERINE

EXISTING COMED POWER POLE TO BE RELOCATED BY UTILITY COMPANY

0 50 100 150
SCALE IN FEET

N

LEGEND

- PAVEMENT REMOVAL
- PAVEMENT BREAKING
- HMA SURFACE REMOVAL, 2 3/4"
- INCIDENTAL HMA REMOVAL (PAID FOR AS EARTH EXCAVATION)
- TEMPORARY RAMP
- FENCE REMOVAL (NOT MEASURED FOR PAYMENT PER SECTION 201)
- R REMOVE EXISTING LIGHTING SYSTEM

NOTE: TREE REMOVAL COMPLETED UNDER SEPARATE CONTRACTS.

SIGN TO BE REMOVED BY OTHERS
STA. 273+44, 82.5' LT

ELECTRIC & WATER OUTLETS TO BE REMOVED BY OTHERS

RUNAROUND CONSTRUCTION LIMITS

TEMP CONST EASEMENT

+63.43
95.7' LT

REMOVE GATE

+82.74
95.7' LT

EXISTING LIGHTING UNIT TO BE REMOVED BY OTHERS (PAID FOR AS EARTH EXCAVATION)

SIGN TO BE REMOVED BY OTHERS

SIGN TO BE REMOVED BY OTHERS
STA. 271+03, 50.5' LT

DECORATIVE FIRE HYDRANT

END PAVEMENT REMOVAL STA. 278+30
BEGIN HMA SURFACE REMOVAL, 2 3/4"

U.S. 20 CONSTRUCTION LIMITS

PROPOSED R.O.W.

EXIST. R.O.W.

MATCH LINE STA. 270+00.00

MATCH LINE STA. 285+00.00

EXIST. R.O.W.

EXIST. R.O.W.

PROPOSED R.O.W.

℄ U.S. 20

REMOVE EXISTING FLASHING BEACON INSTALLATION COMPLETE

CONSTRUCTION LIMITS

EXISTING COMED POWER POLE TO BE RELOCATED BY UTILITY COMPANY

EXISTING COMED POWER POLE TO BE RELOCATED BY UTILITY COMPANY

EXISTING COMED POWER POLE TO BE RELOCATED BY UTILITY COMPANY

0 50 100 150
SCALE IN FEET

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TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -	

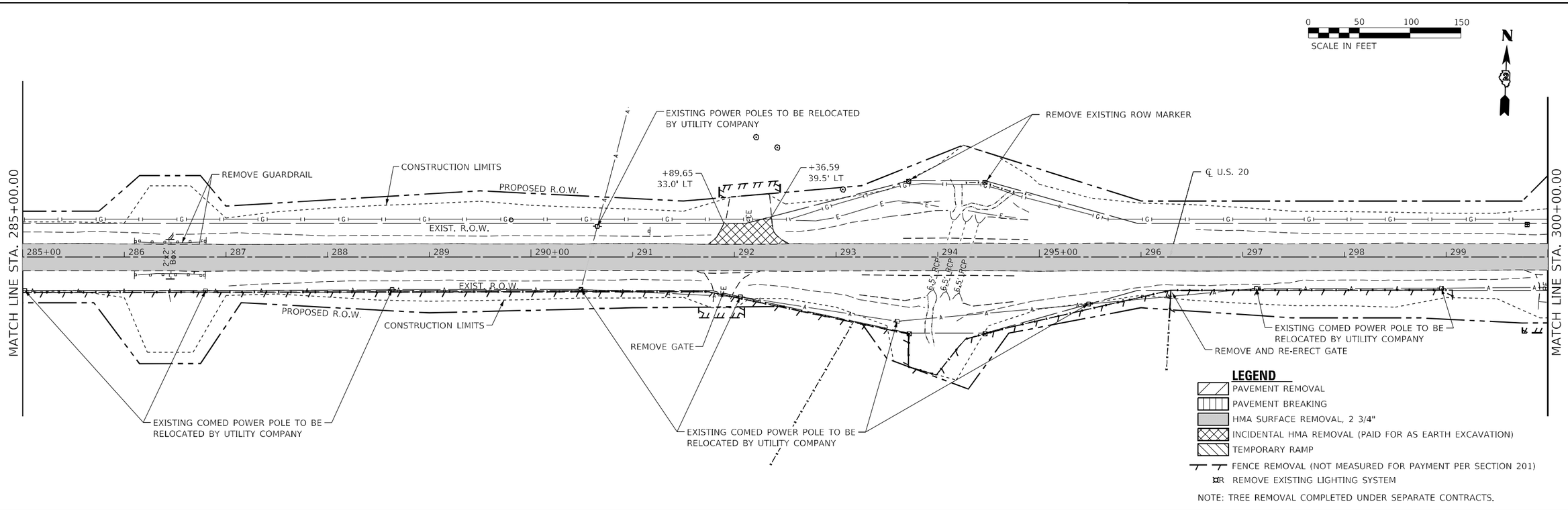
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

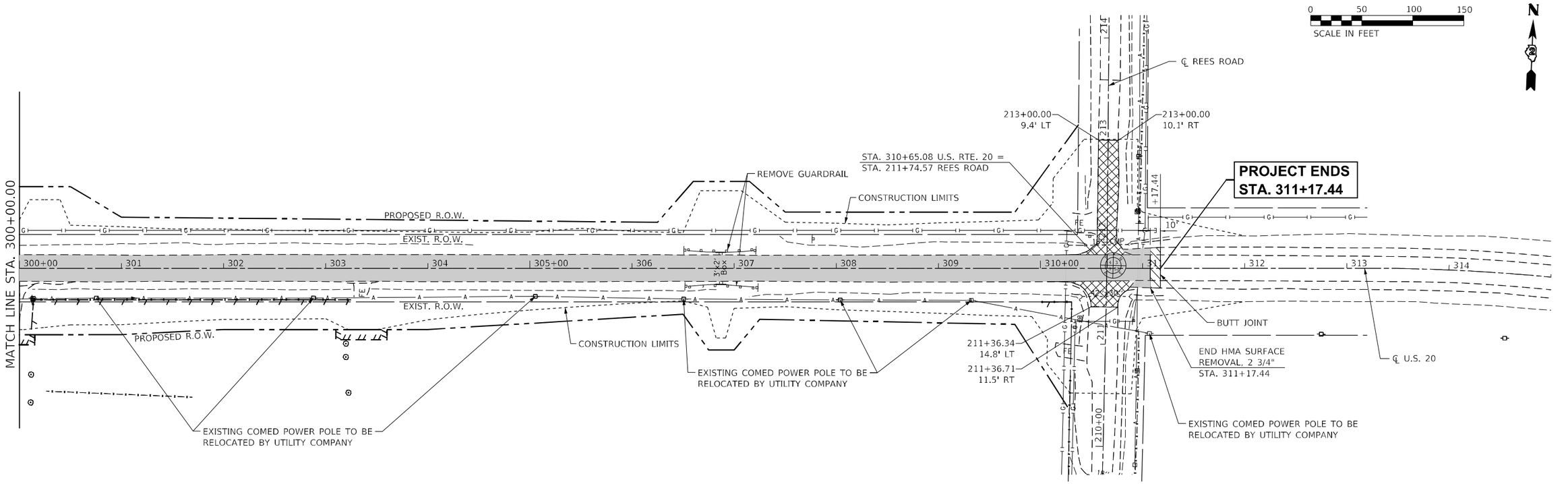
U.S. ROUTE 20
REMOVAL PLAN

SCALE: 100.0000 ' / in. SHEET 2 OF 5 SHEETS STA. 255+00.00 TO STA. 285+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
"	(22, 107)R	STEPHENSON	277	51
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087





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USER NAME = Sta42	DESIGNED - SJF	REVISED -	
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -	

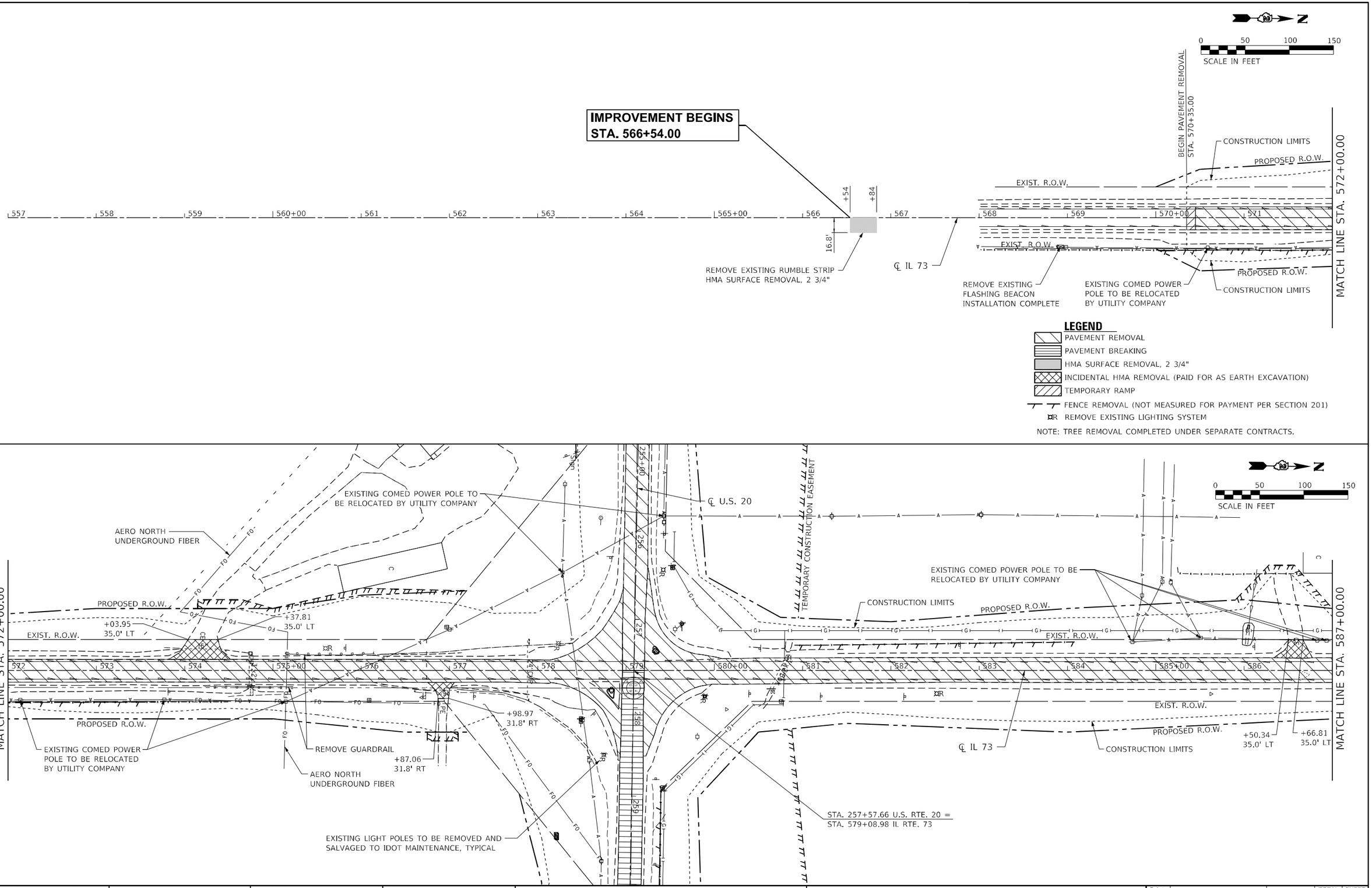
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
REMOVAL PLAN

SCALE: 100.0000 ' / in. SHEET 3 OF 5 SHEETS STA. 285+00.00 TO STA. 315+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	52
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087



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The Upchurch Group			
architects engineers surveyors	USER NAME = Sta42	DESIGNED - SJF	REVISED -
Professional Design Firm Corporation License No. 184-003401	TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
123 North 15th Street Mattoon, IL 61938 Phone: 217.235.3177 e-mail: upchurchgroup@upchurchgroup.com	PLOT SCALE = 100.0000 ' / in.	CHECKED - SJF	REVISED -
	PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -

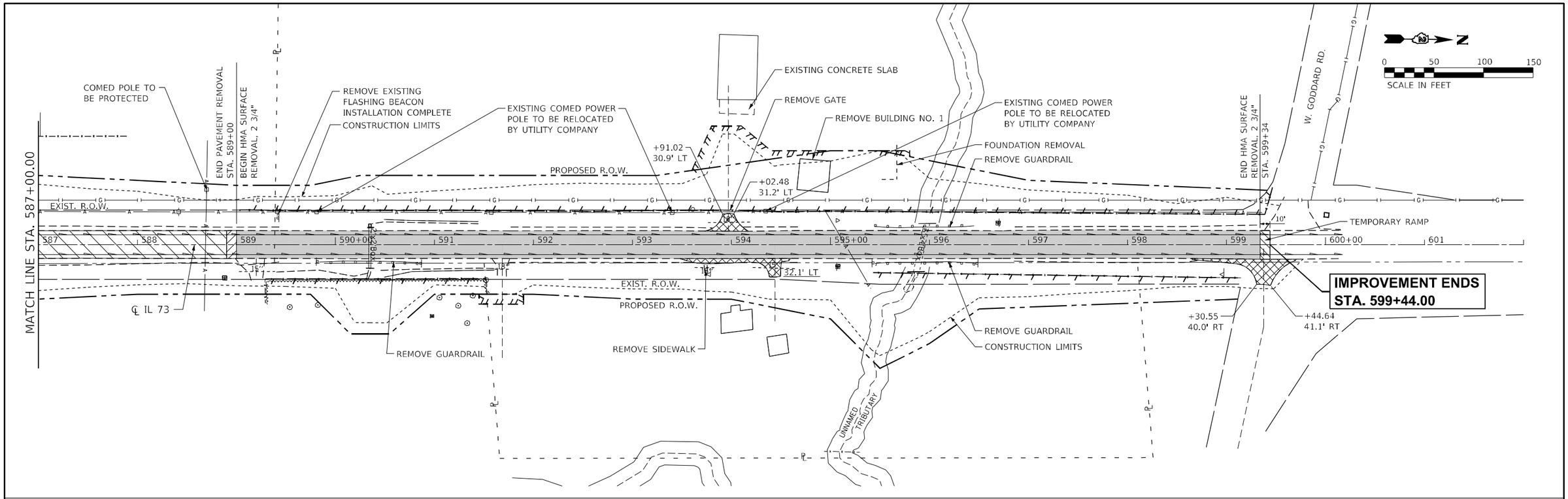
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 73
REMOVAL PLAN

SCALE: 100.0000 ' / in. SHEET 4 OF 5 SHEETS STA. 557+00.00 TO STA. 587+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	53
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087



LEGEND

- PAVEMENT REMOVAL
- PAVEMENT BREAKING
- HMA SURFACE REMOVAL, 2 3/4"
- INCIDENTAL HMA REMOVAL (PAID FOR AS EARTH EXCAVATION)
- TEMPORARY RAMP
- FENCE REMOVAL (NOT MEASURED FOR PAYMENT PER SECTION 201)
- R REMOVE EXISTING LIGHTING SYSTEM

NOTE: TREE REMOVAL COMPLETED UNDER SEPARATE CONTRACTS.

The Upchurch Group
architects engineers surveyors
Professional Design Firm Corporation License No.: 184-003401
123 North 15th Street Mattoon, IL 61938
Phone: 217.235.3177
e-mail: upchurchgroup@upchurchgroup.com

USER NAME = Sta42	DESIGNED - SJF	REVISED -	
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 73
REMOVAL PLAN

SCALE: 100.0000 ' / in. SHEET 5 OF 5 SHEETS STA. 587+00.00 TO STA. 602+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
"	(22, 107)R	STEPHENSON	277	54
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087

MODEL: Default
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KLEVER WILLIAM ET AL

SCHLACHTER ROBERT H & SHARON TRUSTEES

1.
CAROL WICKERSHAM
10-12-005-400-002

2.
HUNEKE JOHN A & JASON A
10-12-08-200-003

0 50 100 150
SCALE IN FEET

N

1 SEE TYPICAL SECTIONS

PROJECT BEGINS STA. 238+00.00

℄ U.S. ROUTE 20

P.C. Sta 233+20.47

P.T. Sta 237+19.69

EXIST. R.O.W.

CONSTRUCTION LIMITS

PROPOSED R.O.W.

225+00 226 227 228 229 230+00 231 232 233 234 235+00 236 237 238 239

13.73'

7'

EXIST. R.O.W.

PROPOSED R.O.W.

MATCH LINE STA. 240+00.00

STA. 238+00.00 U.S. RTE. 20 =
STA. 1238+00.00 TEMP. RUNAROUND

HMA SHOULDER, 6½"
W/ 1½" HMA SURF CSE,
MIX "C", N50

CONSTRUCTION LIMITS

EXIST. PERMANENT EASEMENT

EXIST. CURVE 330
PI STA. = 235+20.09
Δ = 1° 24' 31" (RT)
D = 0° 21' 10"
R = 16,238.17'
T = 199.62'
L = 399.22'
E = 1.23'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 233+20.47
P.T. STA. = 237+19.69

1
HMA SURFACE REMOVAL, 2¾"
1½" HMA SURF CSE, MIX "D", N70
1¼" HMA LEVEL BINDER (MM), IL-9.5FG, N70

NOTE: SEE DRAINAGE PLANS FOR ACROSS ROAD CULVERTS.

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
R.O.W. CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
R.O.W. NOTED
STRUCTURE NOTATIONS CHKD
NOTE BOOK
NO.
BY
DATE

930 920 910 900 890

EXISTING U.S. ROUTE 20 CENTERLINE PROFILE

STA. 238+00 TO STA. 240+00

EARTH EXCAVATION	293.4 CU YDS
EMBANKMENT	55.1 CU YDS
WASTE	165.0 CU YDS

907.46 907.56 907.72 908.20 908.90 909.81 911.06 912.52 914.10 915.63 917.24 918.86 920.46 922.03 923.67 925.21 926.63 927.63 928.26 928.34 928.07 927.30 926.08 924.68 923.26 921.89 920.47 918.98 917.55 916.01 914.42

225+00 226+00 227+00 228+00 229+00 230+00 231+00 232+00 233+00 234+00 235+00 236+00 237+00 238+00 239+00 240+00

MODEL: Default
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PLOT SCALE = 100.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
PLAN AND PROFILE

SCALE: 100.0000 ' / in. SHEET 1 OF 6 SHEETS STA. 225+00.00 TO STA. 240+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	55
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087

1.
CAROL WICKERSHAM
10-12-005-400-002

2.
HUNEKE JOHN A & JASON A
10-12-08-200-003

3.
MARTIN JERALD & ELIZABETH
10-12-005-400-005

4.
SILFOX INC
10-12-08-200-004

5.
COMMONWEALTH EDISON CO
10-12-05-400-006

SEE TYPICAL SECTIONS

SEE TEMPORARY RUNAROUND PLAN AND PROFILE SHEETS FOR CONTINUATION OF LIMITS OF CONSTRUCTION

CULVERT TO BE REPLACED DURING ROAD CLOSURE

TEMPORARY CONSTRUCTION EASEMENT

N

0 50 100 150

SCALE IN FEET

MATCH LINE STA. 240+00.00

MATCH LINE STA. 255+00.00

244+00.00
12.57' LT

50'
TRANSITION

244+50.00
12.00' LT

247+85.43
12.00' LT

℄ U.S. ROUTE 20
EXIST. R.O.W.

251+35.43
19.00' LT

CONSTRUCTION LIMITS

PROPOSED R.O.W.

R 1466.02'

240+00 241 242 243 244 245+00 246 247 248 249 250+00 251 252 253 254

13' 13' 12' 12' 19' 31'

+20.09
56.0' RT

+44.09
57.2' RT

244+00.00
14.08' RT

244+50.00
12.00' RT

247+85.43
12.00' RT

EXIST. R.O.W.

251+35.43
19.00' RT

252+67.93
25.00' RT

254+00.43
31.00' RT

PROPOSED R.O.W.

EXIST. PERMANENT EASEMENT

CONSTRUCTION LIMITS

PCC PAVEMENT, 9" (JT)

PCC SHOULDER, 9"

R 1466.02'

50' PIPE CULVERT (CMP),
CLASS D, TYPE 1 - SIZE 15"
2 - END SECTIONS - SIZE 15"
USFL = 907.89 @
STA. 241+11.09, 33.0' RT
DSFL = 906.63 @
STA. 241+61.09, 33.0' RT
REMOVE EXISTING CULVERT

+32.09 F.E.
24" AGG

HMA SHOULDERS, 6½" W/
1½" HMA SURFACE COURSE, MIX "C", N50

HMA SURFACE REMOVAL, 2¾"
1½" HMA SURF CSE, MIX "D", N70
1¼" HMA LEVEL BINDER (MM), IL-9.5FG, N70

SEE TYPICAL SECTIONS

NOTE: SEE DRAINAGE PLANS FOR ACROSS ROAD CULVERTS.

930
920
910
900
890

VPI STA. 247+50.00
ELEVATION 921.65

+2.87%
-3.00%

EXISTING U.S. ROUTE 20 CENTERLINE PROFILE

PROPOSED U.S. ROUTE 20 CENTERLINE PROFILE

911.62

+00.00 EL. 911.62

+00.00 EL. 911.15

SSD = 398
K = 119
700.00' V.C.

STA. 240+00 TO STA. 255+00		
EARTH EXCAVATION	24569.2	CU YDS
EMBANKMENT	283.4	CU YDS
WASTE	18143.5	CU YDS

914.42	912.96	911.57	910.39	909.52	909.15	909.48	910.31	911.62	911.62	913.08	912.95	914.55	914.07	916.01	914.98	917.47	915.67	918.89	916.16	920.32	916.45	921.69	916.52	922.68	916.38	923.04	916.03	922.81	915.47	921.87	914.71	920.21	913.73	918.28	912.54	916.24	911.15	914.19	909.65	912.16	908.15	910.11	906.65	908.07	905.15	906.03	903.65	903.96	902.15	901.92	900.65	899.94	899.15
240+00		241+00		242+00		243+00		244+00		245+00		246+00		247+00		248+00		249+00		250+00		251+00		252+00		253+00		254+00		255+00																											

PROFILE
SURVEYED
PLOTTED
DRAWN
CHECKED
NOTE BOOK
NO.
BY
DATE
ALIGNMENT CHECKED
R.O.W. STAKES
BM. NOTED
STRUCTURE NOTATIONS CHKD
CADD FILE NAME

PLAN
SURVEYED
PLOTTED
DRAWN
CHECKED
NOTE BOOK
NO.
BY
DATE
ALIGNMENT CHECKED
R.O.W. STAKES
BM. NOTED
STRUCTURE NOTATIONS CHKD
CADD FILE NAME

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FILE NAME: P:\Civil_IDOT_DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Lena_3117091\CAD Sheets\D2641Z7xx\stephprf2_US20.dgn

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e-mail: upchurchgroup@upchurchgroup.com

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TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -

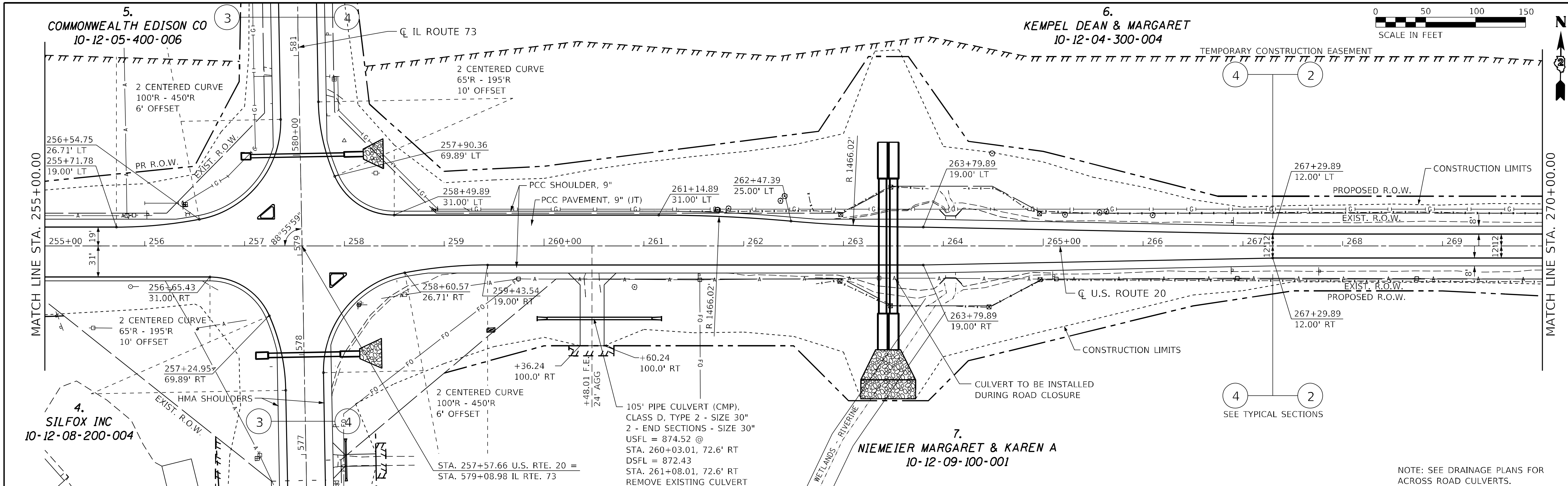
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

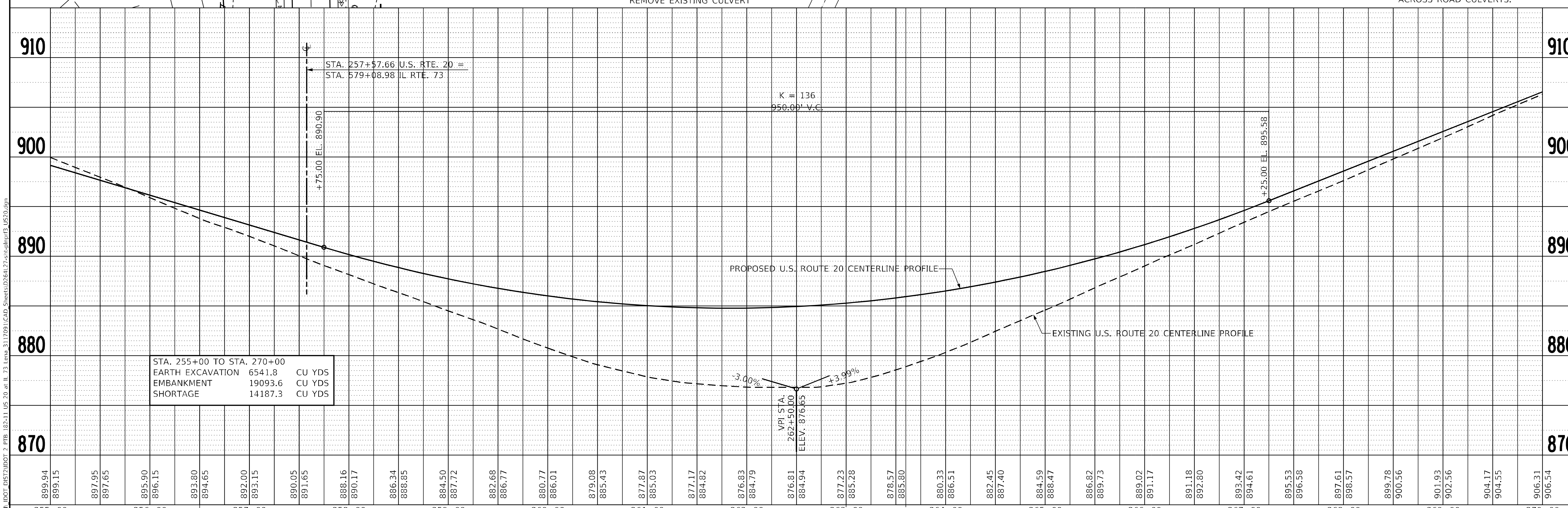
U.S. ROUTE 20
PLAN AND PROFILE

SCALE: 100.0000 ' / in. SHEET 2 OF 6 SHEETS STA. 240+00.00 TO STA. 255+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	56
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087





STA. 255+00 TO STA. 270+00		
EARTH EXCAVATION	6541.8	CU YDS
EMBANKMENT	19093.6	CU YDS
SHORTAGE	14187.3	CU YDS

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTAT'NS CH'KD, NOTE BOOK, NO., BY, DATE

MODEL: Default
FILE NAME: P:\Civil_IDOT DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Lena 3117091\CAD Sheets\D264L27-sht-plnprf3_US20.dgn

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e-mail: upchurchgroup@upchurchgroup.com

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PLOT SCALE = 100.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
PLAN AND PROFILE

SCALE: 100.0000 ' / in. SHEET 3 OF 6 SHEETS STA. 255+00.00 TO STA. 270+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	57
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087

8.
J D LONG & ASSOCIATES INC
10-12-04-300-003

9.
KEMPEL DEAN & MARGARET
10-12-04-400-003

7.
NIEMEIER MARGARET & KAREN A
10-12-09-100-001

SCALE IN FEET 0 50 100 150

N

MATCH LINE STA. 270+00.00

MATCH LINE STA. 285+00.00

TEMPORARY FENCE

TEMP CONSTRUCTION EASEMENT

+74.90 C.E. 30" HMA

+90.01 95.7' LT

+59.79 95.7' LT

SEE TEMPORARY RUNAROUND PLAN AND PROFILE SHEETS FOR CONTINUATION OF LIMITS OF CONSTRUCTION

SEE TYPICAL SECTIONS 2 1

STA. 277+43.68 U.S. RTE. 20 =
STA. 1277+73.30 TEMP. RUNAROUND

50' TRANSITION

271+67.53 12.00' LT

275+83.31 12.00' LT

277+80.00 12.00' LT

278+30.00 12.77' LT

HMA SURFACE REMOVAL, 2¾"
1½" HMA SURF CSE, MIX "D", N70
1¼" HMA LEVEL BINDER (MM), IL-9.5FG, N70

CONSTRUCTION LIMITS
PROPOSED R.O.W.
EXIST. R.O.W.

PC Sta 271+67.53

PT Sta 275+83.31

270+00 271 272 273 274 275+00 276 277 278 279 280+00 281 282 283 284

12 12

8" 8"

+84.82 50.0' RT

+08.82 50.0' RT

271+67.53 12.00' RT

PCC SHOULDERS, 9"

PCC PAVEMENT, 9" (JT)

275+83.31 12.00' RT

278+30.00 13.67' RT

277+80.00 12.00' RT

+27.65 50.0' RT

+51.65 50.0' RT

+96.82 F.E. 24" AGG

+39.65 F.E. 24" AGG

45' PIPE CULVERT (CMP),
CLASS D, TYPE 1 - SIZE 15"
2 - END SECTIONS - SIZE 15"
USFL = 907.13 @
STA. 271+17.82, 34.0' RT
DSFL = 905.73 @
STA. 270+72.82, 34.0' RT
REMOVE EXISTNG CULVERT

EXIST. CURVE 340
PI STA. = 273+75.43
Δ = 1° 45' 33" (LT)
D = 0° 25' 23"
R = 13,542.33'
T = 207.91'
L = 415.78'
E = 1.60'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 271+67.53
P.T. STA. = 275+83.31

℄ U.S. ROUTE 20

HMA SHOULDERS, 6½" W/
1½" HMA SURF CSE, MIX "C", N50

NOTE: SEE DRAINAGE PLANS FOR ACROSS ROAD CULVERTS.

PROFILE

VPI STA. 273+10.00 ELEV. 918.90

+3.99% -1.38%

PROPOSED U.S. ROUTE 20 CENTERLINE PROFILE

EXISTING U.S. ROUTE 20 CENTERLINE PROFILE

+30.00 EL. 911.73

+02.50 EL. 906.64

+17.50 EL. 914.66

SSD = 390'
K = 115
615.00' V.C.

STA. 270+00 TO STA. 285+00		
EARTH EXCAVATION	6344.9	CU YDS
EMBANKMENT	683.4	CU YDS
WASTE	4075.3	CU YDS

920 910 900 890 880

906.31 906.54 908.49 908.44 910.58 910.11 912.47 911.57 914.02 912.81 915.31 913.83 916.04 914.64 916.39 915.22 916.42 915.59 916.07 915.74 915.49 915.67 915.01 915.39 914.41 914.88 913.80 914.21 913.18 913.52 912.59 912.83 912.12 912.14 911.49 910.90 910.16 909.21 908.18 907.10 905.75 904.50 903.38 902.03 900.77 899.53 898.17 896.86

270+00 271+00 272+00 273+00 274+00 275+00 276+00 277+00 278+00 279+00 280+00 281+00 282+00 283+00 284+00 285+00

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, R.O. WAY CHECKED, CADD FILE NAME, NOTE BOOK NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, I.&M. NOTED, STRUCTURE NOTATIONS CHKD, NOTE BOOK NO., BY, DATE

MODEL: Default
FILE NAME: P:\Civil_IDOT_DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Lena_3117091\CAD Sheets\02641.27-sht-hwprf4_US20.dgn

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PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
PLAN AND PROFILE

SCALE: 100.0000 ' / in. SHEET 4 OF 6 SHEETS STA. 270+00.00 TO STA. 285+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	58
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

9.
KEMPEL DEAN & MARGARET
10-12-04-400-003

0 50 100 150
SCALE IN FEET

N

54' PIPE CULVERT (RCP), CLASS A,
TYPE 1 - SIZE EQRS 24"
2 - END SECTIONS W/ GRATING- SIZE EQRS 24"
USFL = 877.31
STA. 291+88.02, 32.25' LT
DSFL = 876.82
STA. 292+42.02, 32.25' LT

HMA SURFACE REMOVAL, 2¾"
1½" HMA SURF CSE, MIX "D", N70
1¼" HMA LEVEL BINDER (MM), IL-9.5FG, N70

+97.52
59.1' LT

+15.02 C.E.
35' HMA

+32.52
62.1' LT

MATCH LINE STA. 285+00.00

PROPOSED R.O.W.

EXIST. R.O.W.

CONSTRUCTION LIMITS

PROPOSED R.O.W.

285+00 286 287 288 289 290+00 291 292 293 294 295+00 296 297 298 299

13'

7'

EXIST. R.O.W.

PROPOSED R.O.W.

HMA SHOULDER, 6½"
W/ 1½" HMA SURF CSE,
MIX "C", N50

CULVERT TO BE STAGED
TO MAINTAIN TRAFFIC

+77.29
50.0' RT

℄ U.S. ROUTE 20

+01.29
50.0' RT

+89.29 F.E.
24" AGG

40' PIPE CULVERT (CMP),
CLASS D, TYPE 1 - SIZE 15"
2 - END SECTIONS - SIZE 15"
USFL = 877.71 @
STA. 291+71.64, 33.0' RT
DSFL = 877.14 @
STA. 292+11.64, 33.0' RT

END SECTIONS TO BE
ADDED UNDER TRAFFIC

CONSTRUCTION LIMITS

PROPOSED R.O.W.

+98.03 P.E.
12" HMA

MATCH LINE STA. 300+00.00

10.
KEMPEL DEAN & MARGARET
10-12-09-200-004

NOTE: SEE DRAINAGE PLANS FOR
ACROSS ROAD CULVERTS.

PLAN
BY | DATE
SURVEYED
PLOTTED
DRAWN
CHECKED
QUANTITIES CHECKED
R.O.W. OR WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.

PROFILE
SURVEYED
PLOTTED
DRAWN
CHECKED
QUANTITIES CHECKED
E.A.R. NOTED
STRUCTURE NOTATIONS CHKD
NOTE BOOK
NO.

910
900
890
880
870

EXISTING U.S. ROUTE 20 CENTERLINE PROFILE

STA. 285+00 TO STA. 300+00		
EARTH EXCAVATION	4414.1	CU YDS
EMBANKMENT	980.9	CU YDS
WASTE	2329.7	CU YDS

285+00	286+00	287+00	288+00	289+00	290+00	291+00	292+00	293+00	294+00	295+00	296+00	297+00	298+00	299+00	300+00
896.86	895.58	894.32	893.14	892.09	890.96	889.76	888.63	887.42	886.17	884.92	883.74	882.56	881.71	881.04	880.49	880.20	880.13	880.18	880.46	880.96	881.63	882.42	883.52	884.89	886.36	887.88	889.36	890.81	892.22	893.53

MODEL: Default
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PLOT SCALE = 100.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
PLAN AND PROFILE

SCALE: 100.0000 ' / in. SHEET 5 OF 6 SHEETS STA. 285+00.00 TO STA. 300+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	59
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

11.
KEMPEL DEAN & MARGARET
10-12-04-400-002

12.
PEARL CITY ELEVATOR INC
09-12-03-300-011

10.
KEMPEL DEAN & MARGARET
10-12-09-200-004

13.
REES DONALD C & DOROTHY ILENE
09-12-10-100-001

EXIST. CURVE 350
PI STA. = 316+17.16
Δ = 18° 12' 52" (RT)
D = 3° 05' 27"
R = 1,853.67'
T = 297.15'
L = 589.28'
E = 23.67'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 313+20.01
P.T. STA. = 319+09.29

MATCH LINE STA. 300+00.00

PROPOSED R.O.W.
EXIST. R.O.W.
EXIST. R.O.W.
PROPOSED R.O.W.

HMA SURFACE REMOVAL, 2¾"
1½" HMA SURF CSE, MIX "D", N70
1¼" HMA LEVEL BINDER (MM), IL-9.5FG, N70

HMA SHOULDERS, 6½"
W 1½" HMA SURF CSE,
MIX "C", N50

CONSTRUCTION LIMITS
CONSTRUCTION LIMITS

℄ REES ROAD
℄ U.S. ROUTE 20

CULVERT TO BE STAGED
TO MAINTAIN TRAFFIC
CULVERT TO BE STAGED
TO MAINTAIN TRAFFIC

50' PIPE CULVERT (CMP),
CLASS D, TYPE 1 - SIZE 15"
2 - END SECTIONS - SIZE 15"
USFL = 896.22 @
STA. 303+57.29, 33.0' RT
DSFL = 895.59 @
STA. 303+07.29, 33.0' RT

+22.29
60.0' RT
+46.29
60.0' RT
+34.29 F.E.
24' AGG

+50.00 F.E.
24' AGG
+92.00 F.E.
24' AGG

310+53.54
53.71' LT
310+13.80
14.06' LT
310+06.67
14.10' RT
310+46.86
55.94' RT
310+77.54
54.36' LT
311+17.44
14.02' LT
311+17.28
13.16' RT
310+75.76
52.90' RT

EXIST. R.O.W.
STA. 310+65.08 U.S. RTE. 20 =
STA. 211+74.57 REES ROAD

**PROJECT ENDS
STA. 311+17.44**

0 50 100 150
SCALE IN FEET

NOTE: SEE DRAINAGE PLANS FOR
ACROSS ROAD CULVERTS.

PLAN
SURVEYED
PLOTTED
CHECKED
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
CHECKED
NOTE BOOK
NO.
BY
DATE

MODEL: Default
FILE NAME: P:\Civil_IDOT_DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Lena_3117091\CAD Sheets\D2641.27-sht-pltprof6_US20.dgn

STA. 300+00 TO STA. 311+17.44

EARTH EXCAVATION	3246.1	CU YDS
EMBANKMENT	5.4	CU YDS
WASTE	2429.2	CU YDS

EXISTING U.S. ROUTE 20 CENTERLINE PROFILE

930 920 910 900 890

893.53 894.63 895.84 896.82 897.73 898.50 899.03 899.71 900.12 900.54 900.85 901.21 901.64 902.18 902.91 903.85 904.95 906.21 907.83 909.67 911.64 913.63 915.55 917.21 918.93 920.50 921.88 923.11 924.32 925.39 926.44

300+00 301+00 302+00 303+00 304+00 305+00 306+00 307+00 308+00 309+00 310+00 311+00 312+00 313+00 314+00 315+00

The Upchurch Group architects engineers surveyors Professional Design Firm Corporation License No. 184-003401 123 North 15th Street Mattoon, IL 61938 Phone: 217.235.3177 e-mail: upchurchgroup@upchurchgroup.com	USER NAME = Sta42	DESIGNED - SJF	REVISED -
	TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED - SJF	REVISED -
	PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**U.S. ROUTE 20
PLAN AND PROFILE**

SCALE: 100.0000 ' / in. SHEET 6 OF 6 SHEETS STA. 300+00.00 TO STA. 315+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	60
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
R.O.W. CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

IMPROVEMENT BEGINS STA. 566+54.00

557 | 558 | 559 | 560+00 | 561 | 562 | 563 | 564 | 565+00 | 566 | 567 | 568 | 569 | 570+00 | 571

+54 +84

16.8'

℄ IL ROUTE 73

2 3/4" HMA SURFACE COURSE, IL-9.5, MIX "D", N70 DURING PRE-STAGE CONSTRUCTION

EXIST. R.O.W.

EXIST. R.O.W.

CONSTRUCTION LIMITS

50' TRANSITION

570+37.85 12.41' LT

570+35.00 12.41' LT

PROPOSED R.O.W.

60'

60'

570+35.00 13.49' RT

570+88.63 13.43' RT

PROPOSED R.O.W.

CONSTRUCTION LIMITS

PCC SHOULDERS, 9"

PCC PAVEMENT, 9" (JT)

570+67.37

MATCH LINE STA. 572+00.00

5 6

5 6

2.
HUNEKE JOHN A & JASON A
10-12-08-200-003

7.
NIEMEIER MARGARET & KAREN A
10-12-09-100-001

0 50 100 150
SCALE IN FEET

NOTE: SEE DRAINAGE PLANS FOR ACROSS ROAD CULVERTS.

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
R.R. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

900
890
880
870

EXISTING IL ROUTE 73 CENTERLINE PROFILE

PROPOSED IL ROUTE 73 CENTERLINE PROFILE

+65.00 EL. 896.79

896.89

897.89 897.81 897.60 897.36 897.06 896.84 896.84 896.66 896.65 896.49 896.41 896.32 896.11

568+00 569+00 570+00 571+00 572+00

STA. 570+35.00 TO STA. 572+00		
EARTH EXCAVATION	862.6	CU YDS
EMBANKMENT	191.7	CU YDS
WASTE	455.3	CU YDS

MODEL: Default
FILE NAME: P:\Civil_IDOT_DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Lena_3117091\CAD Sheets\D2641Z7xx\stephur07_IL73.dgn

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Mattoon, IL 61938
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e-mail: upchurchgroup@upchurchgroup.com

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PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 73
PLAN AND PROFILE

SCALE: 100.0000 ' / in. SHEET 1 OF 3 SHEETS STA. 557+00.00 TO STA. 572+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	61
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

PLAN

SURVEYED
PLOTTED
ALIGNMENT CHECKED
R.O. WAY CHECKED
CADD FILE NAME

NOTE BOOK
NO.

DATE
BY

2.
HUNEKE JOHN A & JASON A
10-12-08-200-003

51' PIPE CULVERT (CMP), CLASS D,
TYPE 1 - SIZE EQRS 30"
2 - END SECTIONS W/ GRATING - SIZE EQRS 30"
USFL = 891.01 @
STA. 573+96.14, 40.0' LT
DSFL = 890.45 @
STA. 574+47.14, 40.0' LT
REMOVE EXISTING CULVERT

+23.59
70.0' LT

+21.64 C.E.
30.33' HMA

+57.08
70.0' LT

CONSTRUCTION LIMITS
PROPOSED R.O.W.
573+67.37
19.00' LT
EXIST. R.O.W.

MATCH LINE STA. 572+00.00

572 | 573 | 574 | 575+00 | 576 | 577 | 578

EXIST. R.O.W.
PROPOSED R.O.W.
573+67.37
19.00' RT

CONSTRUCTION LIMITS
PCC SHOULDERS, 9"
PCC PAVEMENT, 9" (JT)

+87.36
70.0' RT

+99.36
70.0' RT

577+81.75
19.00' RT

37' PIPE CULVERT (CMP),
CLASS D, TYPE 1 - SIZE 15"
2 - END SECTIONS - SIZE 15"
USFL = 887.31 @
STA. 576+75.36, 40.0' RT
DSFL = 887.02 @
STA. 577+12.36, 40.0' RT
REMOVE EXISTING CULVERT

+93.36 P.E.
12" HMA

578+80.36
102.40' RT

578+86.53
185.49' RT

7.
NIEMEIER MARGARET & KAREN A
10-12-09-100-001

2 CENTERED CURVE
100'R - 450'R
6' OFFSET

℄ U.S. RTE. 20

4.
SILFOX INC
10-12-08-200-004

2 CENTERED CURVE
65'R - 195'R
10' OFFSET

578+79.71
92.79' LT

578+39.72
34.00' LT

577+64.72
19.00' LT

5+00
256
257
258
259
68°55'59"

5.
COMMONWEALTH EDISON CO
10-12-05-400-006

579+31.44
185.49' LT

2 CENTERED CURVE
100'R - 450'R
6' OFFSET

579+37.61
102.40' LT

580+36.22
19.00' LT

CONSTRUCTION LIMITS
584+50.60
19.00' LT
PROPOSED R.O.W.
EXIST. R.O.W.

0 50 100 150
SCALE IN FEET

+58.63 C.E.
16.2' HMA

+33.26
109.6' LT

+52.74
109.3' LT

MATCH LINE STA. 587+00.00

579 | 580+00 | 581 | 582 | 583 | 584 | 585+00 | 586

EXIST. R.O.W.
PROPOSED R.O.W.
℄ IL ROUTE 73

580+53.25
19.00' RT

584+50.60
19.00' RT

+38.00
48.4' RT

+62.00
47.8' RT

+50 F.E.
24" AGG

CONSTRUCTION LIMITS

579+38.26
92.79' RT

579+78.25
34.00' RT

STA. 257+57.66 U.S. RTE. 20 =
STA. 579+08.98 IL RTE. 73

2 CENTERED CURVE
65'R - 195'R
10' OFFSET

6.
KEMPEL DEAN & MARGARET
10-12-04-300-004

NOTE: SEE DRAINAGE PLANS FOR ACROSS ROAD CULVERTS.

PROFILE

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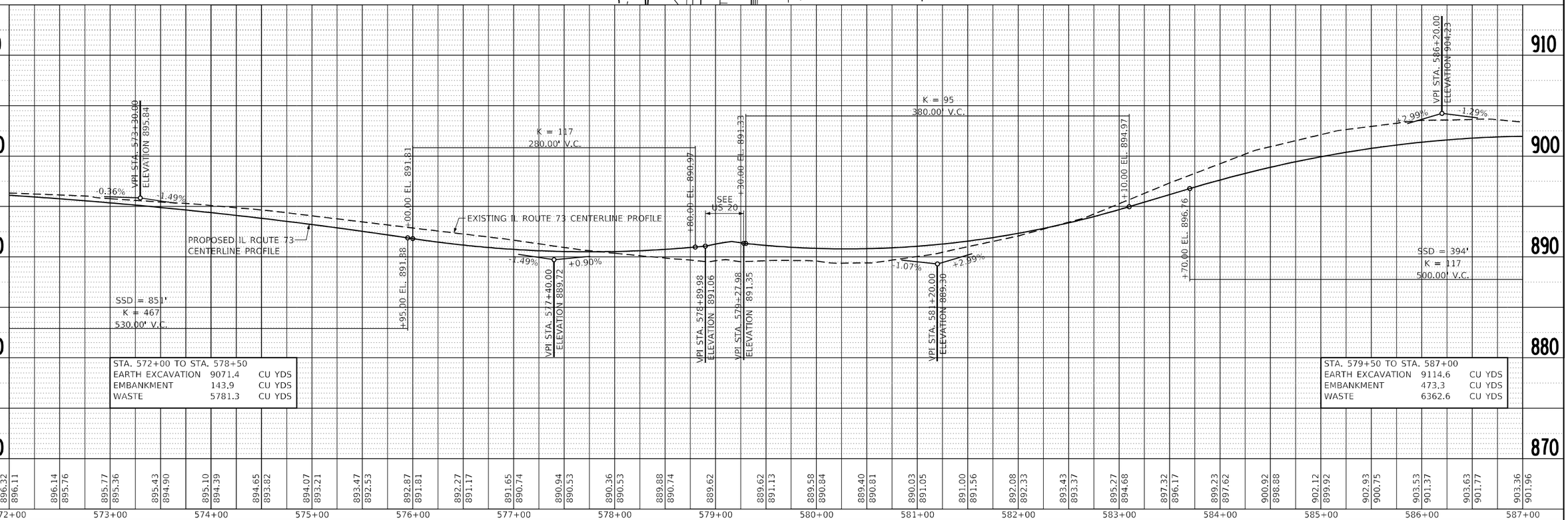
PLOTTED
ALIGNMENT CHECKED
R.O. WAY CHECKED
CADD FILE NAME

NOTE BOOK
NO.

DATE
BY



STA. 572+00 TO STA. 578+50

EARTH EXCAVATION	9071.4	CU YDS
EMBANKMENT	143.9	CU YDS
WASTE	5781.3	CU YDS

STA. 579+50 TO STA. 587+00

EARTH EXCAVATION	9114.6	CU YDS
EMBANKMENT	473.3	CU YDS
WASTE	6362.6	CU YDS

MODEL: Default
FILE NAME: P:\Civil_IDOT_DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Lena_3117091\CAD Sheets\D2641Z7a>\ilrpthurl8_IL73.dgn

The Upchurch Group
architects engineers surveyors
Professional Design Firm Corporation
License No. 184-003401
123 North 15th Street
Mattoon, IL 61938
Phone: 217.235.3177
e-mail: upchurchgroup@upchurchgroup.com

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PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 73
PLAN AND PROFILE

SCALE: 100.0000 ' / in. SHEET 2 OF 3 SHEETS STA. 572+00.00 TO STA. 587+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	62
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

5.
COMMONWEALTH EDISON CO
10-12-05-400-006

1.
MARTIN JERALD & ELIZABETH
10-12-05-400-005

SEE TYPICAL SECTIONS 6 7

SEE TYPICAL SECTIONS 7 8

SEE TYPICAL SECTIONS 8

EXISTING CONCRETE SLAB
•CONTRACTOR SHALL NOT STORE EQUIPMENT, DISTURB NOR RIDE EQUIPMENT PAST THE TE ONTO THE SLAB FURTHER NORTH FROM THE DRIVEWAY
•PRIVATE 3/4" WATER PIPE UNDER DRIVEWAY TO BE LOCATED AND AVOIDED
•CONTRACTOR TO CONTACT PROPERTY OWNER PRIOR TO BEGINNING DRIVEWAY WORK

+02.92
111.7' LT

+90.92
111.8' LT

+96.92 P.E.
12" HMA

64' PIPE CULVERT (CMP),
CLASS D, TYPE 1 - SIZE 24"
2 - END SECTIONS - SIZE 24"
USFL = 890.43 @
STA. 593+65.13, 36.7' LT
DSFL = 888.36 @
STA. 594+28.71, 44.1' LT
REMOVE EXISTING CULVERT

HMA SURFACE REMOVAL, 2¾"
1½" HMA SURF CSE, MIX "D", N70
1¼" HMA LEVEL BINDER (MM), IL-9.5FG, N70

CONSTRUCTION LIMITS

PCC SHOULDERS, 9"
PCC PAVEMENT, 9" (JT)

COMED POLE TO BE PROTECTED

MATCH LINE STA. 587+00.00

587+50.60
14.00' LT

588+50.00
14.00' LT

589+00.00
14.23' LT

PROPOSED R.O.W.

EXIST. R.O.W.

587 588 589 590+00 591 592 593 594 595+00 596 597 598 599 600+00 601

14"|14"

8"

587+50.60
14.00' RT

588+50.00
14.00' RT

50'
TRANSITION

589+00.00
13.85' RT

EXIST. R.O.W.

PROPOSED R.O.W.

℄ IL ROUTE 73

+68.51 F.E.
24" AGG

44' PIPE CULVERT (CMP),
CLASS D, TYPE 1 - SIZE 15"
2 - END SECTIONS - SIZE 15"
USFL = 893.17 @
STA. 591+47.51, 35.4' RT
DSFL = 892.87 @
STA. 591+91.51, 35.4' RT
REMOVE EXISTING CULVERT

+37.98
55.0' RT

+49.98
55.0' RT

35' PIPE CULVERT (CMP),
CLASS D, TYPE 1 - SIZE 15"
2 - END SECTIONS - SIZE 15"
USFL = 890.59 @
STA. 594+26.98, 35.0' RT
DSFL = 890.38 @
STA. 594+61.98, 35.0' RT
REMOVE EXISTING CULVERT

+43.98 P.E.
12" HMA

UNNAMED TRIBUTARY

CONSTRUCTION LIMITS

HMA SHOULDERS, 6½"
W 1½" HMA SURF CSE,
MIX "C", N50

+27.69
44.3' RT

+37.60 P.E.
20" HMA

R 30'

R 30'

+47.69
44.6' RT

W. GODDARD RD.

IMPROVEMENT ENDS
STA. 599+44.00

0 50 100 150
SCALE IN FEET

6.
KEMPEL DEAN & MARGARET
10-12-04-300-004

14.
MARTIN JERALD & ELIZABETH
10-12-04-300-002

NOTE: SEE DRAINAGE PLANS FOR ACROSS ROAD CULVERTS.

PLAN
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PLOTTED
ALIGNMENT CHECKED
R.O.W. CHECKED
CADD FILE NAME
NOTE BOOK
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BY

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GRADES CHECKED
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STRUCTURE NOTATIONS CHKD
NOTE BOOK
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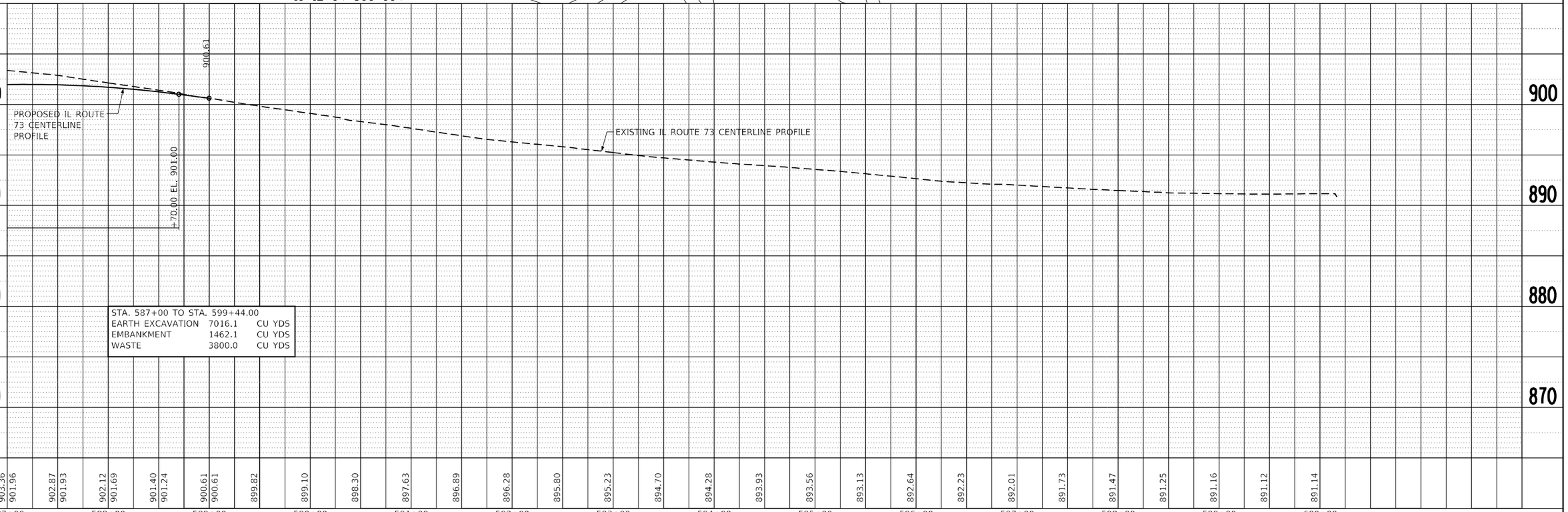

STA. 587+00 TO STA. 599+44.00		
EARTH EXCAVATION	7016.1	CU YDS
EMBANKMENT	1462.1	CU YDS
WASTE	3800.0	CU YDS

MODEL: Default
FILE NAME: P:\Civil_IDOT_DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Lena_3117091\CAD Sheets\D2641Z7x-sht-phur09_IL73.dgn

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PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 73
PLAN AND PROFILE

SCALE: 100.0000 ' / in. SHEET 3 OF 3 SHEETS STA. 587+00.00 TO STA. 602+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	63
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / R.O.W. CHECKED / CADD FILE NAME: / NOTE BOOK / NO. / BY / DATE

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / R.O.W. CHECKED / CADD FILE NAME: 11_ReesRd.dgn / NOTE BOOK / NO. / BY / DATE

REES DONALD C & DOROTHY I

KEMPEL DEAN & MARGARET

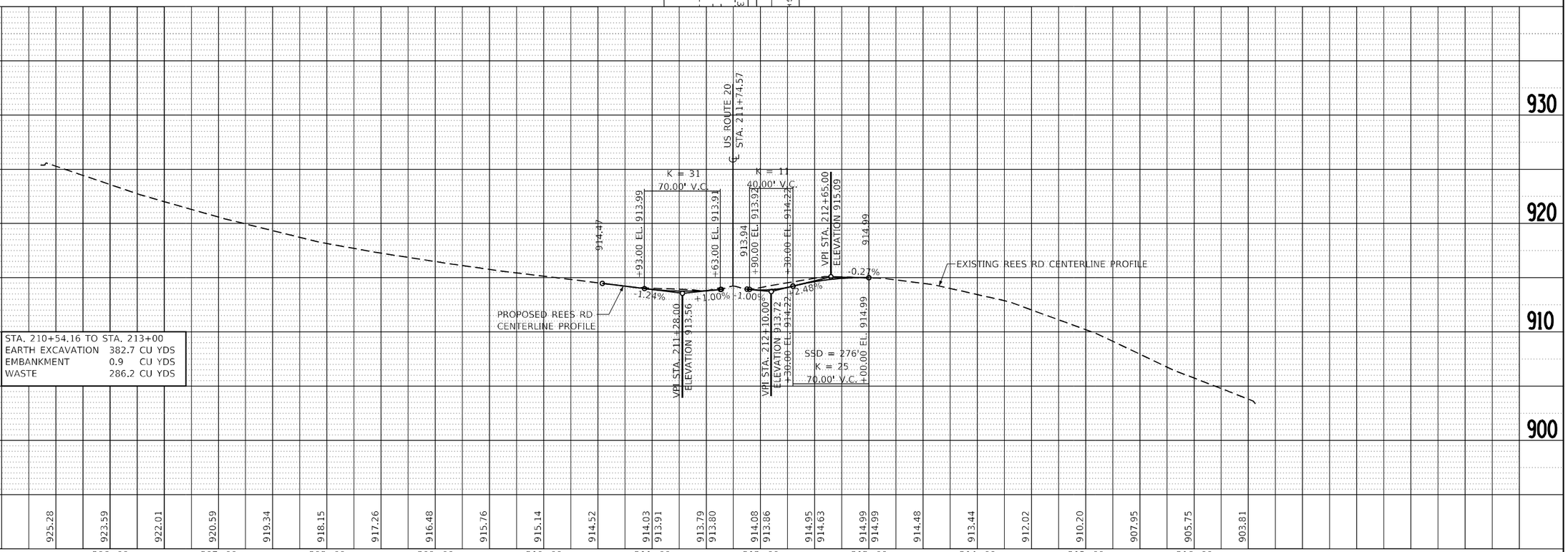
REES DONALD C & DOROTHY ILENE

PEARL CITY ELEVATOR INC

CONSTRUCTION LIMITS
HMA SHOULDER
℄ U.S. ROUTE 20
PROPOSED R.O.W.
EXIST. R.O.W.
211+59.21 58.09' LT
211+04.00 56.77' LT
210+80.00 56.77' LT
211+18.24 17.00' LT
3" INCIDENTAL HMA
210+54.16 11.80' LT
+92.00 F.E. 24" AGG
+50.00 F.E. 24" AGG
211+88.19 51.40' LT
212+38.00 53.44' LT
212+62.00 53.44' LT
212+28.18 12.00' LT
4' SHOULDER, 3" INCIDENTAL HMA
213+00.00 9.38' LT
213+00.00 10.12' RT
212+29.03 12.00' RT
210+54.16 11.86' RT
211+21.92 11.83' RT
4' SHOULDER, 3" INCIDENTAL HMA
PIPE CULVERT - SIZE 24" SEE SHEET 104
STA. 310+65.08 U.S. RTE. 20 = STA. 211+74.57 REES ROAD
211+62.54 52.48' RT
211+89.03 52.24' RT
℄ SOUTH REES ROAD
℄ NORTH REES ROAD
℄ U.S. ROUTE 20
R 40'
309
310+00
312
27.2'
19.5'
23.1'

0 50 100 150
SCALE IN FEET

NOTE: SEE DRAINAGE PLANS FOR ACROSS ROAD CULVERTS.



STA. 210+54.16 TO STA. 213+00		
EARTH EXCAVATION	382.7	CU YDS
EMBANKMENT	0.9	CU YDS
WASTE	286.2	CU YDS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REES ROAD
PLAN AND PROFILE

SCALE: 100.0000 ' / in. SHEET 1 OF 1 SHEETS STA. 204+00.00 TO STA. 219+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	64
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

MODEL: Default
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PROP. CURVE US20_PRNARND_3
PI STA. = 1240+11.09
Δ = 15° 03' 45" (LT)
D = 5° 18' 19"
R = 1,080.00'
T = 142.78'
L = 283.92'
E = 9.40'
P.C. STA. = 1238+68.31
P.T. STA. = 1241+52.23

PROP. CURVE US20_PRNARND_6
PI STA. = 1245+67.41
Δ = 15° 03' 45" (RT)
D = 5° 18' 19"
R = 1,080.00'
T = 142.78'
L = 283.92'
E = 9.40'
P.C. STA. = 1244+24.63
P.T. STA. = 1247+08.55

LEGEND
DIRECTION OF FLOW
DIRECTION OF EXISTING FLOW

(INSTALLED IN CONTRACT 64U79)
2 - 52" PIPE CULVERT (RCP), CLASS D,
TYPE 1 - SIZE 24" (TEMP)
STA. 1242+52 - 26.0' LT TO 26.0' RT
USFL = 906.74
DSFL = 906.48

0 50 100 150
SCALE IN FEET

N

ADVANCE EARTHWORK
CONTRACT 64U79

CONSTRUCTION LIMITS
TEMPORARY CONSTRUCTION EASEMENT

TEMP. RUNAROUND BEGINS
STA. 1238+00.00

PC Sta 1238+68.31
1239+09.84
1239+47.64
PT Sta 1241+52.23
PC Sta 1244+24.63
PI Sta 1245+67.41
PT Sta 1247+08.55

22'
2'

TEMPORARY PAVEMENT, 7"
AGGREGATE WEDGE SHOULDER, TYPE B
℄ TEMPORARY RUNAROUND
PROPOSED R.O.W.
℄ U.S. ROUTE 20
EXIST. R.O.W.
MATCH LINE STA. 1250+00.00

STA. 238+00.00 U.S. RTE. 20 =
STA. 1238+00.00 TEMP. RUNAROUND

PI Sta 1240+11.09

NOTE: SEE DRAINAGE PLANS FOR ACROSS ROAD CULVERTS.

VPI STA. 1248+50.00
ELEVATION 925.30
+2.58%
-3.70%

K = 49
250.00' V.C.

ADVANCE EARTHWORK
CONTRACT 64U79

PROPOSED TEMPORARY RUNAROUND
CENTERLINE PROFILE

-3.30%
+2.57%
-2.57%
+2.58%
+2.58%
+2.58%

+80.00 EL. 911.91
+00.00
+30.00 EL. 911.91
+60.00 EL. 920.41

SSD = 284
K = 61
380.00' V.C.

STA. 1239+50

VPI STA. 1240+50.00
ELEVATION 912.68

VPI STA. 1242+03.00
ELEVATION 908.69

VPI STA. 1243+35.00
ELEVATION 912.04

TEMPORARY RUNAROUND
RIGHT DITCH PROFILE

TEMPORARY RUNAROUND
LEFT DITCH PROFILE

EXISTING GROUND PROFILE
(BOTTOM OF SUBBASE GRANULAR MATERIAL)

TEMPORARY RUNAROUND
STA. 1239+00 TO STA. 1250+00

EARTH EXCAVATION	23.9	CU YDS
EMBANKMENT	821.0	CU YDS
SHORTAGE	803.1	CU YDS

TEMPORARY RUNAROUND REMOVAL
STA. 1239+00 TO STA. 1250+00

EARTH EXCAVATION	3476.6	CU YDS
EMBANKMENT	567.1	CU YDS
WASTE	2040.4	CU YDS

	1238+00	1239+00	1240+00	1241+00	1242+00	1243+00	1244+00	1245+00	1246+00	1247+00	1248+00	1249+00	1250+00
RIGHT DITCH ELEVS	912.89	911.48	910.08	908.69	907.72	906.48	906.48	908.02	909.15	910.47	911.75	913.04	914.33	915.62	916.91	918.06	918.81	919.15	919.08	918.59	917.69	916.38	
LEFT DITCH ELEVS	911.78	909.25	908.70	908.15	907.59	907.04	906.74	906.99	907.49	909.25	911.75	913.04	914.33	915.62	916.91	918.06	918.81	919.15	919.08	918.59	917.69	916.38	
	920.47	918.98	917.55	915.98	914.33	912.60	910.84	909.13	907.38	905.65	903.93	902.20	900.47	898.75	897.02	895.29	893.57	891.84	890.11	888.38	886.66	884.93	
	917.55	915.98	914.33	912.68	911.43	910.61	910.30	910.51	911.23	912.42	913.71	915.00	916.29	917.58	918.86	920.15	921.31	922.06	922.40	922.32	921.84	920.93	919.62

USER NAME	= Sta42
TUG PROJECT NO.	3117091
PLOT SCALE	= 100.0000 ' / in.
PLOT DATE	= 10/7/2025
DESIGNED	- SJF
DRAWN	- TLW & EAC
CHECKED	- SJF
DATE	- 10/1/2025
REVISED	-
REVISED	-
REVISED	-

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY RUNAROUND
PLAN AND PROFILE

SCALE: 100.0000 ' / in. SHEET 1 OF 3 SHEETS STA. 1238+00.00 TO STA. 1250+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	65
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

PLAN / PROFILE
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LEGEND

DIRECTION OF FLOW

DIRECTION OF EXISTING FLOW

℄ IL ROUTE 73

STA. 580+54.01 IL RTE. 73 =
STA. 1257+70.83 TEMP. RUNAROUND

(INSTALLED IN CONTRACT 64U79)
(5) 115' PIPE CULVERTS (CMP), CLASS D,
TYPE 2 - SIZE 48" (TEMP)
STA. 1263+78 - 51.0' LT TO 57.0' RT
SKEWED 20° RIGHT FORWARD
USFL = 869.05
DSFL = 868.48

0 50 100 150
SCALE IN FEET

N

MATCH LINE STA. 1250+00.00

MATCH LINE STA. 1265+00.00

AGGREGATE WEDGE SHOULDER, TYPE B

TEMPORARY PAVEMENT, 7"

CONSTRUCTION LIMITS

TEMPORARY CONSTRUCTION EASEMENT

ADVANCE EARTHWORK
CONTRACT 64U79

ADVANCE EARTHWORK
CONTRACT 64U79

22'

2'

2'

℄ TEMPORARY RUNAROUND

TEMPORARY TBT, T1 (SPECIAL)

TEMPORARY SPB GUARDRAIL, TYPE A

TEMPORARY TBT, T1 (SPECIAL)

PROPOSED R.O.W.

EXIST. R.O.W.

℄ U.S. ROUTE 20

EXIST. R.O.W.

EXIST. R.O.W.

PROPOSED R.O.W.

NOTE: SEE DRAINAGE PLANS FOR ACROSS ROAD CULVERTS.

1250+00 1251 1252 1253 1254 1255+00 1256 1257 1258 1259 1260+00 1261 1262 1263 1264

250+00 251 252 253 254 255+00 256 257 258 259 260+00 261 262 263 264

582 581 580+00 579 578

10 11

TEMPORARY RUNAROUND		
STA. 1250+00 TO STA. 1265+00		
EARTH EXCAVATION	56.4	CU YDS
EMBANKMENT	1131.4	CU YDS
SHORTAGE	1089.1	CU YDS

TEMPORARY RUNAROUND REMOVAL		
STA. 1250+00 TO STA. 1265+00		
EARTH EXCAVATION	6222.7	CU YDS
EMBANKMENT	1775.1	CU YDS
WASTE	2891.9	CU YDS

VPI STA. 1251+50.00
ELEVATION 914.20

-3.70%

-5.40%

+40.00 EL. 918.27

+75.00 EL. 907.45

+60.00 EL. 908.76

SSD = 501
K = 129
220.00' V.C.

K = 100
150.00' V.C.

VPI STA. 1253+50.00
ELEVATION 903.40

-5.40%

-3.90%

+25.00 EL. 900.48

K = 219
350.00' V.C.

+75.00 EL. 889.63

ADVANCE EARTHWORK
CONTRACT 64U79

ADVANCE EARTHWORK
CONTRACT 64U79

+00.00

+65.00

EXISTING GROUND PROFILE
(BOTTOM OF SUBBASE
GRANULAR MATERIAL)

VPI STA. 1256+00.00
ELEVATION 893.65

-3.90%

-2.30%

PROPOSED TEMPORARY RUNAROUND
CENTERLINE PROFILE

EXISTING GROUND PROFILE
(BOTTOM OF SUBBASE
GRANULAR MATERIAL)

TEMPORARY RUNAROUND
LEFT DITCH PROFILE

TEMPORARY RUNAROUND
RIGHT DITCH PROFILE

+00.00 EL. 879.85

K = 49
400.00' V.C.

VPI STA. 1264+00.00
ELEV. 875.25

-2.30%

+5.90%

	910	900	890	880	870
RIGHT DITCH ELEVS	916.38	914.65	912.67	910.49	908.12	905.55	902.89	900.44	898.24	896.27	894.44	892.72	891.11	889.62	888.24	886.97	885.81	884.64	883.51	882.36	881.21	880.06	878.91	877.76	876.61	875.71	874.89	872.72	868.48	877.17
LEFT DITCH ELEVS	916.38	914.65	912.67	910.49	908.12	905.55	902.89	900.44	898.24	896.27	894.44	892.72	891.11	889.62	888.24	886.97	885.81	884.64	883.51	882.36	881.21	880.06	878.91	877.76	876.61	875.71	873.00	869.05	869.99	877.26

	918.04	919.62	916.32	917.90	914.33	915.91	912.16	913.74	909.78	911.36	907.22	908.80	904.55	906.13	902.10	903.68	899.90	901.48	897.94	899.52	896.10	897.68	894.38	895.96	892.77	894.35	891.28	892.86	889.90	891.48	888.53	890.22	886.35	889.05	883.88	887.90	885.17	886.75	884.02	885.60	882.87	884.45	881.72	883.30	880.57	882.15	879.42	881.00	878.27	879.85	877.38	878.96	877.00	878.58	877.13	878.71	877.72	879.35	878.93	880.51	880.60	882.18
	1250+00		1251+00		1252+00		1253+00		1254+00		1255+00		1256+00		1257+00		1258+00		1259+00		1260+00		1261+00		1262+00		1263+00		1264+00		1265+00	

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
R.O. WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
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BY
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FILE NAME: P:\Civil_IDOT_DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Lena_3117091\CAD Sheets\D2641L27sht-pltnrt12_TempRAdgn

The Upchurch Group architects engineers surveyors			
Professional Design Firm Corporation License No. 184-003401	123 North 15th Street Mattoon, IL 61938 Phone: 217.235.3177 email: upchurchgroup@upchurchgroup.com		
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PLOT DATE = 10/7/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY RUNAROUND
PLAN AND PROFILE

SCALE: 100.0000 ' / in. SHEET 2 OF 3 SHEETS STA. 1250+00.00 TO STA. 1265+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	66
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

LEGEND

DIRECTION OF FLOW

DIRECTION OF EXISTING FLOW

CONSTRUCTION LIMITS

AGGREGATE WEDGE SHOULDER, TYPE B

TEMPORARY PAVEMENT, 7"

TEMPORARY CONSTRUCTION EASEMENT

MATCH LINE STA. 1265+00.00

℄ TEMPORARY RUNAROUND

℄ U.S. ROUTE 20

PROPOSED R.O.W.

EXIST. R.O.W.

PC Sta 1269+24.14

PI Sta 1270+57.38

PT Sta 1271+89.27

PROP. CURVE US20_PRNARND_9
PI STA. = 1270+57.38
Δ = 14° 03' 56" (RT)
D = 5° 18' 19"
R = 1,080.00'
T = 133.24'
L = 265.13'
E = 8.19'
P.C. STA. = 1269+24.14
P.T. STA. = 1271+89.27

PROP. CURVE US20_PRNARND_12
PI STA. = 1276+25.11
Δ = 15° 49' 29" (LT)
D = 5° 18' 19"
R = 1,080.00'
T = 150.10'
L = 298.29'
E = 10.38'
P.C. STA. = 1274+75.01
P.T. STA. = 1277+73.30

ADVANCE EARTHWORK
CONTRACT 64U79

1273+00.00
31.0' LT

1273+00.00
37.2' LT

PC Sta 1274+75.01

1277+07.16

1277+73.30

STA. 279+00.00
U.S. RTE. 20 =
STA. 1279+29.62
TEMP. RUNAROUND

PI Sta 1276+25.11

PT Sta 1277+73.30

TEMP. RUNAROUND ENDS STA. 1277+73.30

NOTE: SEE DRAINAGE PLANS FOR ACROSS ROAD CULVERTS.

0 50 100 150
SCALE IN FEET

N

PROFILE

EXISTING GROUND PROFILE (BOTTOM OF SUBBASE GRANULAR MATERIAL)

PROPOSED TEMPORARY RUNAROUND CENTERLINE PROFILE

TEMPORARY RUNAROUND LEFT DITCH PROFILE

TEMPORARY RUNAROUND RIGHT DITCH PROFILE

VPI STA. 1267+50.00
ELEVATION 895.90

+5.90%

+4.50%

+00.00 EL. 887.05

SSD = 625'
K = 214
300.00' V.C.

+00.00 EL. 902.65

VPI STA. 1271+00.00
ELEVATION 911.65

+4.50%

+2.30%

+00.00 EL. 907.15

SSD = 402'
K = 91
200.00' V.C.

+00.00 EL. 913.95

VPI STA. 1273+65.00
ELEVATION 917.75

+2.30%

-1.46%

+50.00 EL. 915.10

SSD = 292'
K = 61
230.00' V.C.

+50.00 EL. 916.96

912.67

	1265+00	1266+00	1267+00	1268+00	1269+00	1270+00	1271+00	1272+00	1273+00	1274+00	1275+00	1276+00	1277+00	1278+00	1279+00
RIGHT DITCH ELEVS	878.93	881.11	883.81	886.70	889.48	892.13	894.68	897.10	899.41	901.66	903.91	906.02	907.86	909.42	910.71
LEFT DITCH ELEVS	878.93	881.11	883.81	886.70	889.48	892.13	894.68	897.10	899.41	901.66	903.91	906.02	907.86	909.42	910.71
	880.60	882.78	884.36	885.47	887.05	888.37	889.95	891.14	892.72	893.80	895.38	896.34	897.92	898.77	900.35
	882.18	884.36	885.47	887.05	888.37	889.95	891.14	892.72	893.80	895.38	896.34	897.92	898.77	900.35	901.07
	901.07	902.65	903.32	904.90	905.57	907.15	907.69	909.27	910.52	911.10	911.09	912.67	912.37	913.95	913.52
	911.65	913.52	914.47	916.05	915.01	916.59	916.37	916.71	917.11	916.43	916.64	915.77	914.31	915.04	914.16
	914.29	913.89	913.89	913.43	913.43	912.98	912.98	912.33	911.86	911.26					

TEMPORARY RUNAROUND
STA. 1265+00 TO STA. 1278+00

EARTH EXCAVATION	658.6	CU YDS
EMBANKMENT	354.5	CU YDS
WASTE	139.4	CU YDS

TEMPORARY RUNAROUND REMOVAL
STA. 1265+00 TO STA. 1278+00

EARTH EXCAVATION	1243.0	CU YDS
EMBANKMENT	945.4	CU YDS
SHORTAGE	661.8	CU YDS

PLAN: SURVEYED; PLOTTED; DRAWN; ELEMENT CHECKED; ALIGNMENT CHECKED; R.O.W. CHECKED; CADD FILE NAME; NOTE BOOK; NO.; BY; DATE

PROFILE: SURVEYED; PLOTTED; DRAWN; ELEMENT CHECKED; BM. NOTED; STRUCTURE NO'S/ATM'S CHKD; NOTE BOOK; NO.; BY; DATE

MODEL: Default
FILE NAME: P:\Civil_IDOT_DIST2\IDOT 2 PTB 182-011 US 20 at IL 73 Lena_3117091\CAD Sheets\02641.27-sht-pdtpurf13_TempRA.dgn

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USER NAME = Sta42	DESIGNED - SJF	REVISED -			
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -			
PLOT SCALE = 100.0000 ' / in.	CHECKED - SJF	REVISED -			
PLOT DATE = 10/7/2025	DATE - 10/1/2025	REVISED -			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY RUNAROUND
PLAN AND PROFILE

SCALE: 100.0000 ' / in. SHEET 3 OF 3 SHEETS STA. 1265+00.00 TO STA. 1279+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	67
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

TRAFFIC CONTROL GENERAL NOTES

1. TRAFFIC CONTROL PLANS AS PRESENTED HERE CONSTITUTE A SUGGESTED SEQUENCE OF OPERATIONS AND ARE INTENDED TO SERVE AS A GUIDE FOR SAFE DIVERSION OF TRAFFIC DURING EXECUTION OF THIS CONTRACT. THE CONTRACTOR MAY RECOMMEND A NEW PLAN OR PROPOSE CHANGES TO ASPECTS OF THE PLAN BUT NOT AT THE EXPENSE OF PUBLIC SAFETY OR CONVENIENCE. ANY PROPOSED MODIFICATION OF THE PLANS SHALL BE SUBMITTED IN ADVANCE FOR THE WRITTEN APPROVAL OF THE ENGINEER.

2. THE CONTRACTOR SHALL CONTACT THE ENGINEER AT LEAST 72 HOURS IN ADVANCE OF BEGINNING WORK TO ALLOW FOR COORDINATION BETWEEN THE TRAFFIC CONTROL PLAN AND THE VARIOUS ITEMS OF WORK REQUIRED.

3. THE EXACT NUMBER, LOCATION AND SPACING OF ALL TRAFFIC CONTROL SIGNS AND DEVICES MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. LOCATION OF SIGNS AND BARRICADES SHOWN ON THE PLANS IS APPROXIMATE. BARRICADES SHALL BE INSTALLED AS REQUIRED TO ACHIEVE A PROPER CLOSURE OR AS OTHERWISE DIRECTED ON THE PLANS OR BY THE ENGINEER. SIGNS SHALL BE INSTALLED RELATIVE TO CLOSURES OR HAZARDS AS DIRECTED ON THE PLANS, HIGHWAY STANDARDS, AND BY THE ENGINEER.

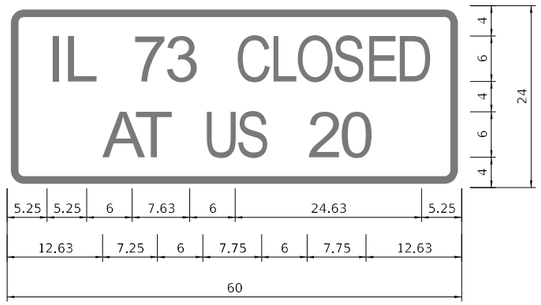
4. WHEN SPECIFIC IDOT TRAFFIC CONTROL STANDARDS ARE CITED, ALL APPURTENANCES INCLUDED ON THAT STANDARD, SUCH AS ARROW BOARDS, BARRICADES, VERTICAL PANELS, ETC. SHALL BE INSTALLED IN THE LOCATIONS AND TO THE SPECIFICATIONS DESCRIBED. ALL SIGNS INCLUDED IN COST OF TRAFFIC CONTROL.

5. THE CONTRACTOR SHALL MAINTAIN THE SURFACE DRAINAGE OF THE ROAD DURING THE PROJECT. WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE AND PUBLIC DRAINS, INLETS, AND CATCH BASINS UNTIL SUCH TIME AS PERMANENT CONNECTIONS ARE BUILT AND IN SERVICE. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT ITEMS OF WORK.

6. PAINT PAVEMENT MARKINGS MAY BE USED FOR TEMPORARY PAVEMENT MARKING ONLY ON SURFACES TO BE REMOVED DURING THE COURSE OF CONSTRUCTION. TEMPORARY PAVEMENT MARKINGS TO BE PLACED ON FINAL ROADWAY SURFACES SHALL BE TEMPORARY PAVEMENT MARKING TAPE, TYPE IV

7. DROP-OFFS ADJACENT TO MAINLINE EDGE OF PAVEMENT DURING CONSTRUCTION SHALL BE PROTECTED AS SPECIFIED IN THE SAFETY ENGINEERING POLICY MEMORANDUM 4-21.

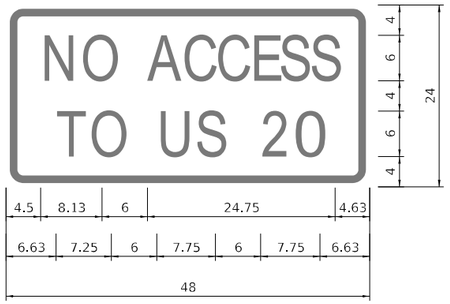
CUSTOM TRAFFIC CONTROL SIGNING DETAILS



2.25" RADIUS, 1.00" BORDER,
0.50" INDENT, BLACK ON ORANGE;
"IL 73 CLOSED", C 2K;
"AT US 20", C 2K;

TABLE OF LETTER AND OBJECT LEFTS

I	L	7	3										
5.25	7.50	16.50	20.75										
		C	L	O	S	E	D						
		30.13	34.63	38.50	42.88	47.25	51.38						
A	T	U	S	2	0								
12.63	16.75	25.88	30.25	39.63	43.88								



2.25" RADIUS, 1.00" BORDER,
0.50" INDENT, BLACK ON ORANGE;
"NO ACCESS", C 2K;
"TO US 20", C 2K;
TABLE OF LETTER AND OBJECT LEFTS

N	O												
4.50	9.13												
		A	C	C	E	S	S						
		18.63	23.25	27.63	32.25	36.00	40.13						
T	O	U	S										
6.63	10.38	19.88	24.25										
	2	0											
	33.63	37.88											

ADVANCE EARTHWORK & TREE REMOVAL

CONTRACT 64U79

1. RUNAROUND EARTHWORK OUTSIDE OF MAINLINES, INCLUDING TEMPORARY CULVERTS, PLUS REMAINING TREE REMOVAL COMPLETED UNDER PREVIOUS CONTRACT. ALL RUNAROUND AGGREGATE AND HMA WORK WILL BE COMPLETED UNDER THIS CONTRACT.

STAGING NOTES:

INITIATE MARKED DETOUR A

1. (STAGE 1) CONSTRUCT RUNAROUND NORTH OF US 20. RUNAROUND CONSTRUCTION IS THE CONTROLLING ITEM AND OTHER ITEMS CAN BE CONSTRUCTED SIMULTANEOUSLY. TRAFFIC CONTROLLED BY STANDARD 701001 AND 701201.

2. STAGES 1A & 1B SHALL BE COMPLETED SEPARATELY UNDER CONTINUOUS DAYTIME SINGLE LANE CLOSURE OPERATIONS CONTROLLED BY IDOT STANDARD 701201 AND THE PLANS.

   (STAGE 1A & 1B) CONSTRUCT HOT-MIX ASPHALT SHOULDERS, TEMPORARY PIPE CULVERTS, AND FLUSH INLET BOXES AT THE LOCATIONS INDICATED ALONG US 20 TO ALLOW FOR STAGE CONSTRUCTION OF CROSS ROAD CULVERTS AT STATIONS 286+45, 300+25 AND 306+87.

3. A DROP OFF OF 8 INCHES SHALL BE IN PLACE NO LONGER THAN 24 HOURS AND NO DROP OFF SHALL BE ALLOWED OVER A WEEKEND.

4. STAGE 1C & 1D SHALL BE COMPLETED SEPARATELY UNDER CONTINUOUS DAYTIME SINGLE LANE CLOSURE OPERATIONS CONTROLLED BY IDOT STANDARD 701201 AND THE PLANS.

   (STAGE 1C) INSTALL THE NORTH HALF OF CULVERTS AT STATIONS 300+25 AND 306+87. REMOVE AND INSTALL NORTH HALF OF CULVERTS, THE DOWNSTREAM ENDS. CONSTRUCT FULL-DEPTH PATCH UPON COMPLETION OF NORTH HALF OF CULVERTS.

   (STAGE 1D) INSTALL THE SOUTH HALF OF CULVERTS AT STATIONS 300+25 AND 306+87. REMOVE AND INSTALL SOUTH HALF OF CULVERTS, THE UPSTREAM ENDS. CONSTRUCT FULL-DEPTH PATCH UPON COMPLETION OF SOUTH HALF OF CULVERTS.

5. STAGES 1E & 1F SHALL BE COMPLETED SEPARATELY UNDER CONTINUOUS DAYTIME SINGLE LANE CLOSURE OPERATIONS CONTROLLED BY IDOT STANDARD 701201 AND THE PLANS.

   (STAGE 1E) INSTALL THE SOUTH HALF OF THE CULVERT AT STATION 286+45. INSTALL TEMPORARY CONCRETE BARRIER (TCB) AND TEMPORARY SOIL RETENTION SYSTEM AS DETAILED IN THE PLANS. INSTALL TEMPORARY SIGNALS PER IDOT STANDARD 701321. CONSTRUCT SOUTH HALF OF THE CULVERT, THE DOWNSTREAM END. CONSTRUCT FULL-DEPTH PATCH UPON COMPLETION OF THE SOUTH HALF OF THE CULVERT.

6. (STAGE 1F) INSTALL THE NORTH HALF OF THE CULVERT AT STATION 286+45. RELOCATE THE TEMPORARY BARRIER WALL AS DETAILED IN THE PLANS. MAINTAIN THE TEMPORARY SOIL RETENTION SYSTEM AND TEMPORARY SIGNALS INSTALLED IN STAGE 1C. CONSTRUCT THE NORTH HALF OF THE CULVERT. CONSTRUCT FULL-DEPTH PATCH UPON COMPLETION OF THE NORTH HALF OF THE CULVERT.

7. AT THE COMPLETION OF CONSTRUCTION OF EACH STAGE, REMOVE PORTIONS OF THE HOT-MIX ASPHALT SHOULDERS AND RESHAPE THE DITCHES, AS SHOWN IN THE PLANS.

8. ACCESS SHALL BE PROVIDED TO THE RESIDENTIAL ENTRANCE AT STATIONS 292+15 AND 299+98 AT ALL TIMES. ONCE CULVERTS INSTALLED, REMOVE TCB AND TEMPORARY SIGNALS AT EACH LOCATION AND INSTALL TEMP PAVEMENT MARKINGS TO THE EXISTING 2 LANE CONFIGURATION.

9. (STAGE 1G) MILL PAVEMENT AND HOT-MIX ASPHALT SHOULDER ON US 20 EAST OF GRADE CHANGE. TRAFFIC CONTROLLED BY IDOT STANDARDS 701201.

10. CONSTRUCT HOT-MIX ASPHALT SHOULDERS TO MATCH MILLED SURFACES ON US 20 IN THE AREAS EAST OF THE GRADE CHANGE, WITH TRAFFIC CONTROLLED BY IDOT STANDARDS 701201. SEE TRAFFIC CONTROL PLANS FOR NOTES ON THICKENED HMA SHOULDER LOCATIONS.

11. OVERLAY US 20 MILLED AREA AND PROPOSED SHOULDERS SURFACE LIFT EAST OF THE GRADE CHANGE. TRAFFIC CONTROLLED BY IDOT STANDARDS 701201.

12. STAGES 1A - 1G WORK CAN BE COMPLETED CONCURRENTLY WITH STAGE 1 AND STAGE 2.

STAGING NOTES:

END MARKED DETOUR A AND INITIATE MARKED DETOUR B

1. (STAGE 2) US 20 TRAFFIC ON RUNAROUND. CONSTRUCT US 20 AND IL 73 GRADE CHANGES, CULVERTS, AND TRAFFIC SIGNALS WITHIN LIMITS OF RUNAROUND TIE IN POINTS. THE NORTH IL 73 APPROACH WILL BE CONSTRUCTED TO STA. 589+00. ALL EXISTING ACCESS SHALL BE MAINTAINED TO ALL PROPERTIES WITHIN THE CONSTRUCTION ZONE AT ALL TIMES DURING THIS STAGE.

END MARKED DETOUR B AND INITIATE MARKED DETOUR A

1. END DETOUR "B" AND REVERT BACK TO MARKED DETOUR "A" - IL 73 CLOSURE (NORTH LEG) PLANS AND NOTES FOR THE REMOVAL OF THE RUNAROUND AND THE CONSTRUCTION OF IL 73 AT THE INTERSECTION.

2. (STAGE 3A) PLACE TEMPORARY PAVEMENT BETWEEN STATION 274+25 AND 274+83 FOR TEMPORARY CONNECTION. PLACE TEMPORARY PAVEMENT FOR SHOULDER ON SOUTH SIDE OF US 20 AT EAST RUNAROUND TIE-IN TO SHIFT TRAFFIC OVER TO ALLOW CONSTRUCTION OF US 20 GRADE CHANGE PAVEMENT IN THE WESTBOUND LANE, USING ONE LANE TWO-WAY OPERATIONS WITH TEMPORARY SIGNALS PER IDOT STANDARD 701321.

3. (STAGE 3) REMOVE THE RUNAROUND BETWEEN STATION 1257+00 TO 1258+50 AND CONSTRUCT THE REMAINDER OF IL 73 CONCRETE SECTION AT THE INTERSECTION (STATION 580+08 TO 581+10). TO MINIMIZE MARKED DETOUR DURATIONS, THE REMAINING REMOVAL AND TOPSOIL REPLACEMENT THROUGH THE FIELDS SHOULD NOT DELAY THE REMAINING ROADWAY WORK. THE REMOVAL OF THE WEST END OF THE RUNAROUND SHALL BE PERFORMED UNDER TRAFFIC CONTROL STANDARD 701201.

4. (STAGE 3) MILL AND OVERLAY PAVEMENT AND SHOULDERS ON US 20 WEST OF GRADE CHANGE. TRAFFIC CONTROLLED BY IDOT STANDARDS 701201.

5. (STAGE 4A - 4B) COMPLETE IL 73 CULVERT REPLACEMENT WORK. MAINTAIN MARKED DETOUR "A" - IL 73 CLOSURE (NORTH LEG) PLANS AND NOTES FOR THE CLOSURE OF IL 73 BETWEEN US 20 AND GODDARD RD. ALTERNATIVELY, THIS WORK CAN BE COMPLETED CONCURRENTLY WITH STAGE 2 WHILE MAINTAINING ACCESS TO PROPERTIES WITH 'LOCAL TRAFFIC ONLY' SIGNING.

6. (STAGE 4) MILL AND OVERLAY PAVEMENT AND SHOULDERS ON IL 73 NORTH OF GRADE CHANGE. TRAFFIC CONTROLLED BY IDOT STANDARDS 701201.

REMOVE MARKED DETOUR A

1. END MARKED DETOUR "A".

2. (STAGE 4C) CONSTRUCT US 20 GRADE CHANGE PAVEMENT AT EAST RUNAROUND TIE-IN. SHIFT TRAFFIC TO SOUTH US 20 (EASTBOUND) PAVEMENT AND SHOULDER. ONE WAY TRAFFIC CONTROLLED BY TEMPORARY SIGNALS PER IDOT STANDARD 701321.

3. (STAGE 4D) CONSTRUCT US 20 GRADE CHANGE PAVEMENT AT EAST RUNAROUND TIE-IN. SHIFT TRAFFIC TO NORTH US 20 (WESTBOUND) PAVEMENT AND SHOULDER. ONE WAY TRAFFIC CONTROLLED BY TEMPORARY SIGNALS PER IDOT STANDARDS 701321.

4. SIGNING AND STRIPING. TRAFFIC CONTROLLED BY IDOT STANDARDS 701311.

5. CLEANUP AND MISCELLANEOUS WORK TO COMPLETE PROJECT. TRAFFIC CONTROLLED BY IDOT STANDARDS AS NECESSARY.

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USER NAME = Sta42	DESIGNED - SJF	REVISED -	**STATE OF ILLINOIS**	**STAGING AND TRAFFIC CONTROL GENERAL NOTES**	
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	**DEPARTMENT OF TRANSPORTATION**		
PLOT SCALE = 10.0000 ' / in.	CHECKED - SJF	REVISED -		SCALE: N.T.S. / in. SHEET 1 OF 23 SHEETS STA. TO STA.	
PLOT DATE = 9/30/2025	DATE - 10/1/2025	REVISED -			

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	68
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

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LENA

NOTES

1. SEE STAGE 1, STAGE 3, AND STAGE 4A & 4B PLANS FOR DETAILED BARRICADE AND SIGN PLACEMENT IN THE WORK ZONE.

LEGEND

M1-1100.2(WH) (24X24) (36X36)•

M3-1(WH) (24X12) (36X18)•

M3-3(WH) (24X12) (36X18)•

M4-8(0) (24X12) (36X18)•

M5-1L(0) (21X15)

M5-1R(0) (21X15)

W20-3 (36X36)

W20-3 (36X36)

M6-1(0) (21X15)

M6-2PL(0) (21X15)

M6-2PR(0) (21X15) (30X21)•

M6-3(0) (21X15) (30X21)•

M4-8a(0) (24X18)

R11-2(WH) (48X30)

R11-3a(WH) (60X30)

W20-2(0) (36X36)

W20-3(0) (36X36)

W21-1100(0)-48 (36X36)

LOCAL ROAD

MAJOR ROUTE

DETOUR ROUTE

CLOSURE

• OVERSIZED SIGN

HOWARDSVILLE RD

250'

250'

500'

TYPE III BARRICADE STAGGERED

VIRGINIA AVE.

GODDARD RD

DETOUR "A" WORK ZONE

US 20 (FAP 301)

IL 73 (FAP 654)

GALENA RD

500' (TYP)

US 20 (FAP 301)

* FAP 301, FAP 654, FAS 1087

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PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL
DETOUR "A" – IL 73 CLOSURE (NORTH LEG)

SCALE: 5280.0000 ' / in. | SHEET 2 OF 23 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	69
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

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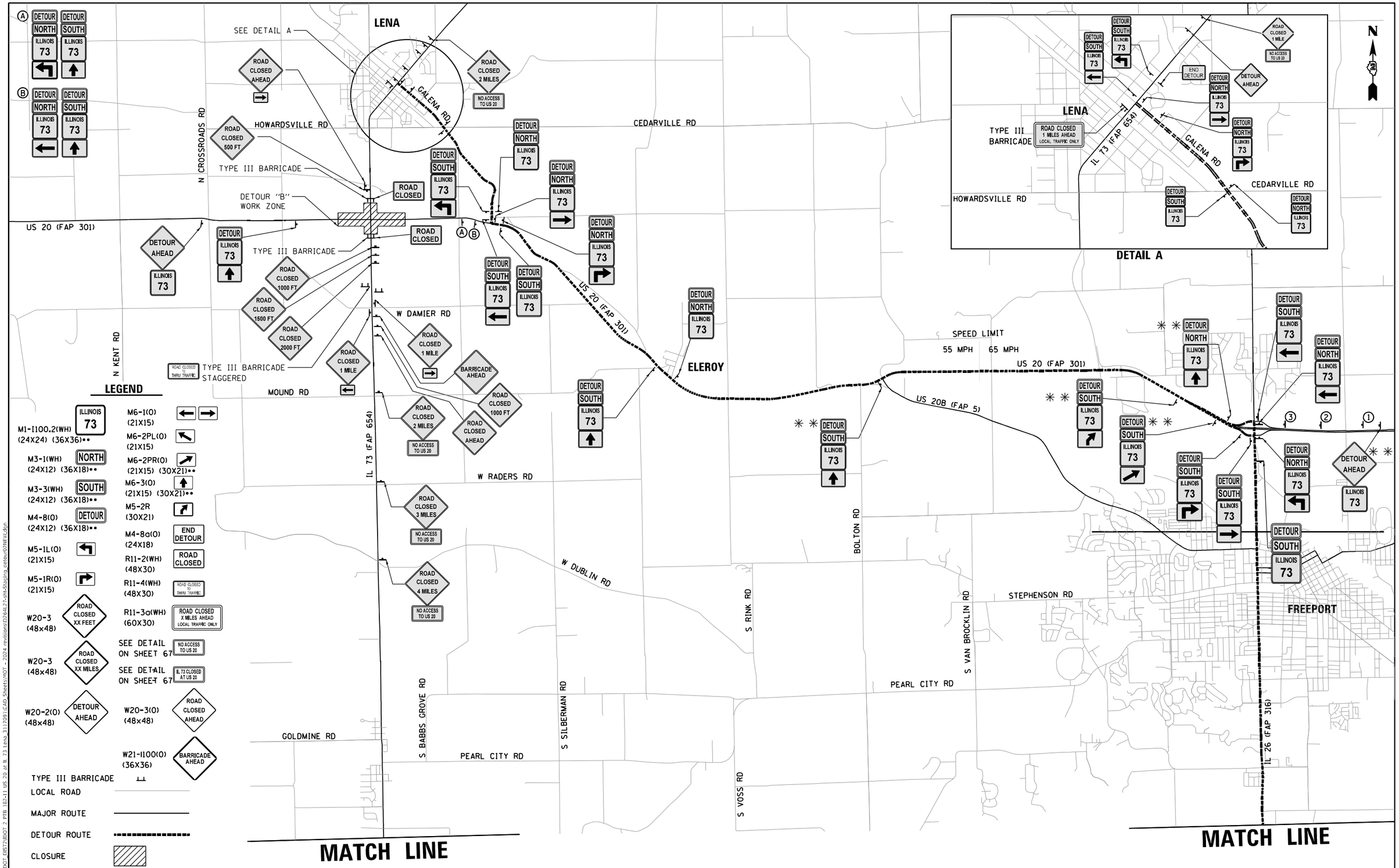

LEGEND

M1-1100.2(WH) (24X24) (36X36)••	ILLINOIS 73	M6-1(O) (21X15)	
M3-1(WH) (24X12) (36X18)••	NORTH	M6-2PL(O) (21X15)	
M3-3(WH) (24X12) (36X18)••	SOUTH	M6-2PR(O) (21X15) (30X21)••	
M4-8(O) (24X12) (36X18)••	DETOUR	M6-3(O) (21X15) (30X21)••	
M5-1L(O) (21X15)		M5-2R (30X21)	
M5-1R(O) (21X15)		M4-8a(O) (24X18)	END DETOUR
W20-3 (48x48)	ROAD CLOSED XX FEET	R11-2(WH) (48X30)	ROAD CLOSED
W20-3 (48x48)	ROAD CLOSED XX MILES	R11-4(WH) (48X30)	ROAD CLOSED TO THRU TRAFFIC
W20-2(O) (48x48)	DETOUR AHEAD	R11-3a(WH) (60X30)	ROAD CLOSED X MILES AHEAD LOCAL TRAFFIC ONLY
		W20-3(O) (48x48)	ROAD CLOSED AHEAD
SEE DETAIL ON SHEET 67	NO ACCESS TO US 20		
SEE DETAIL ON SHEET 67	IL 73 CLOSED AT US 20		
		W21-1100(O) (36X36)	BARRICADE AHEAD

TYPE III BARRICADE

LOCAL ROAD

MAJOR ROUTE

DETOUR ROUTE

CLOSURE

•• OVERSIZED SIGN

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL
DETOUR "B" – IL 73 CLOSURE (NORTH & SOUTH LEGS)

SCALE: 5280.0000 ' / in. SHEET 3 OF 23 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	70
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

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MATCH LINE

MATCH LINE

W SABIN CHURCH RD

W BOLTON RD

W FLORENCE RD

W FLORENCE RD

IL 26 (FAP 316)

IL 72

250'

250'

LEGEND

M1-1100.2(WH) (24X24) (36X36)••

M3-1(WH) (24X12) (36X18)••

M3-3(WH) (24X12) (36X18)••

M4-8(O) (24X12) (36X18)••

M5-1L(O) (21X15)

M5-1R(O) (21X15)

W20-3 (48x48)

W20-3 (48x48)

W20-2(O) (48x48)

M6-1(O) (21X15)

M6-2PL(O) (21X15)

M6-2PR(O) (21X15) (30X21)••

M6-3(O) (21X15) (30X21)••

M5-2R (30X21)

M4-8a(O) (24X18)

R11-2(WH) (48X30)

R11-4(WH) (48X30)

R11-3a(WH) (60X30)

SEE DETAIL ON SHEET 67

SEE DETAIL ON SHEET 67

W20-3(O) (48x48)

W21-1100(O) (36X36)

TYPE III BARRICADE

LOCAL ROAD

MAJOR ROUTE

DETOUR ROUTE

CLOSURE

•• OVERSIZED SIGN

ROAD CLOSED 14 MILES

NO ACCESS TO US 20

ROAD CLOSED 14 MILES AHEAD LOCAL TRAFFIC ONLY

TYPE III BARRICADE

DETOUR AHEAD

END DETOUR

ROAD CLOSED 14 MILES

NO ACCESS TO US 20

DETOUR AHEAD

IL 73 CLOSED AT US 20

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PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -	

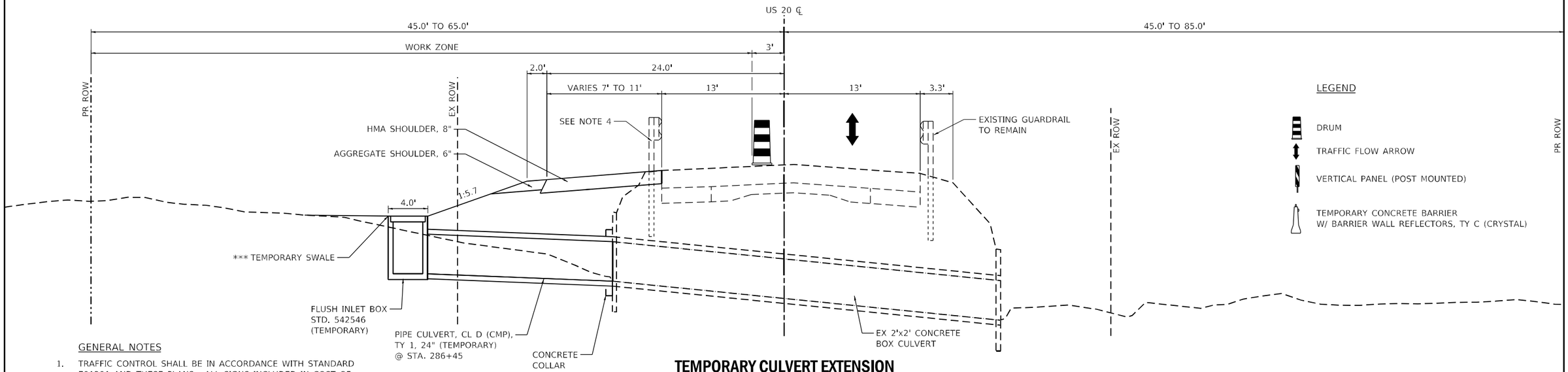
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL
DETOUR "B" – IL 73 CLOSURE (NORTH & SOUTH LEGS)

SCALE: 5280.0000 ' / in. SHEET 4 OF 23 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	71
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087



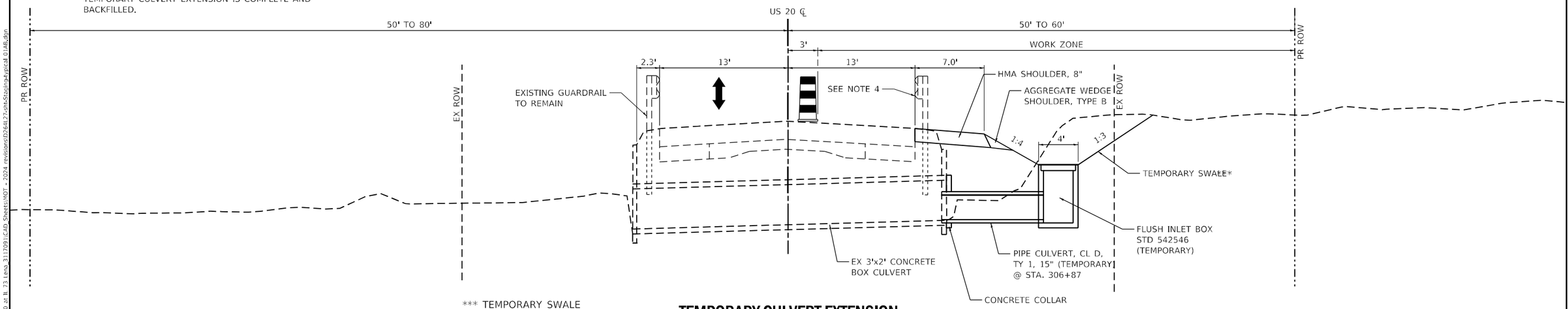
TEMPORARY CULVERT EXTENSION
STA. 286+46 U.S. RTE 20
TYPICAL SECTION - STAGE 1A

STA 284+06.0 TO STA 289+06.0

GENERAL NOTES

1. TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH STANDARD 701201 AND THESE PLANS. ALL SIGNS INCLUDED IN COST OF TRAFFIC CONTROL.
2. CONTRACTOR TO RESTORE EXISTING LANE CONFIGURATION WITH NO SHOULDER DROP OFF AT COMPLETION OF EACH DAY'S CONSTRUCTION.
3. FOR LIMITS OF EARTHWORK, TEMPORARY DRAINAGE SWALE, AGGREGATE SHOULDER TYPE B, 6" AND HOT-MIX ASPHALT SHOULDER, 8" SEE U.S. ROUTE 20 PRE-STAGE PLANS AND PRE-STAGE U.S. ROUTE 20 CROSS SECTIONS.
4. EXISTING GUARDRAIL SHALL ONLY BE REMOVED AFTER THE TEMPORARY CULVERT EXTENSION IS COMPLETE AND BACKFILLED.

*** TEMPORARY SWALE
STA 284+06.0 TO STA 289+09.0



*** TEMPORARY SWALE
STA 297+68.5 TO STA 309+21.0

TEMPORARY CULVERT EXTENSION
STA. 306+87 U.S. RTE 20
TYPICAL SECTION - STAGE 1B

STA 299+12.5 TO STA 310+05.0

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PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL
TYPICAL SECTION – STAGE 1A & 1B

SCALE: NTS ' / in. | SHEET 5 OF 23 SHEETS | STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	72
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

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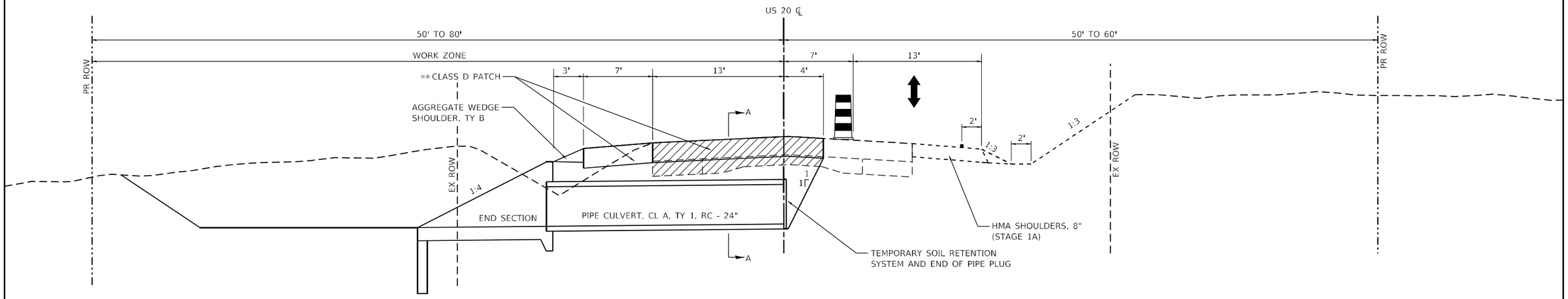


PROPOSED 24" DIAMETER PIPE CULVERT
AT STA 300+25 U.S. RTE 20
TYPICAL SECTION - STAGE 1C

STA 299+12.5 TO STA 308+07.4

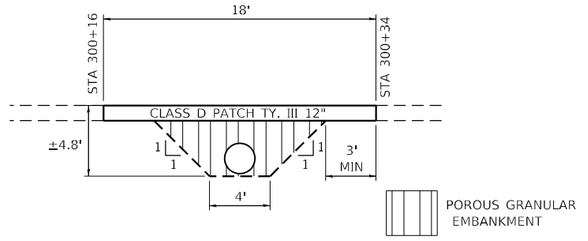
GENERAL NOTES

1. TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH STANDARD 701201 AND THESE PLANS. ALL SIGNS INCLUDED IN COST OF TRAFFIC CONTROL.
2. CONSTRUCT STAGE 1C EARTHWORK, AGGREGATE SHOULDER WEDGE, TYPE B, AND HOT-MIX ASPHALT, 8" LEFT. FOR PAY LIMITS SEE TRAFFIC CONTROL PLAN STAGE 1C AND U.S. ROUTE 20 STAGE 1C CROSS SECTIONS.
3. CONTRACTOR TO PROVIDE WORKFORCE AND EQUIPMENT TO COMPLETE THE CONSTRUCTION OF EACH STAGE INCLUDING THE PATCH IN ONE DAY AND RESTORE EXISTING LANE CONFIGURATIONS AT THE END OF EACH WORKDAY.

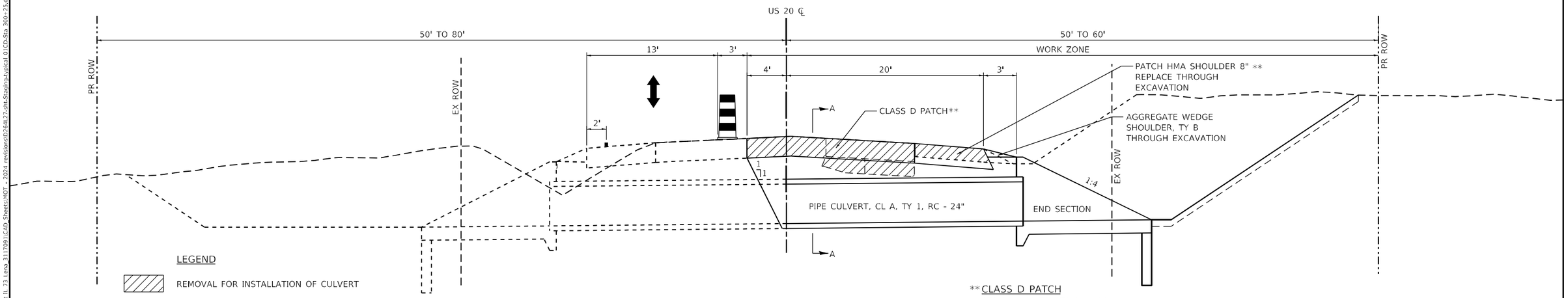
**CLASS D PATCH
STA 300+16 TO STA 300+34

LEGEND

REMOVAL FOR INSTALLATION OF CULVERT



SECTION A-A



**CLASS D PATCH
STA 300+16 TO STA 300+34

LEGEND

REMOVAL FOR INSTALLATION OF CULVERT

DRUM

TRAFFIC FLOW ARROW

VERTICAL PANEL (POST MOUNTED)

TEMPORARY CONCRETE BARRIER W/ BARRIER WALL REFLECTORS, TY C (CRYSTAL)

PROPOSED 24" DIAMETER PIPE CULVERT
AT STA 300+25 U.S. RTE 20
TYPICAL SECTION - STAGE 1D

STA 299+12.5 TO STA 308+07.4

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL
TYPICAL SECTION – STAGE 1C & 1D

SCALE: NTS / in. SHEET 6 OF 23 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	73
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087

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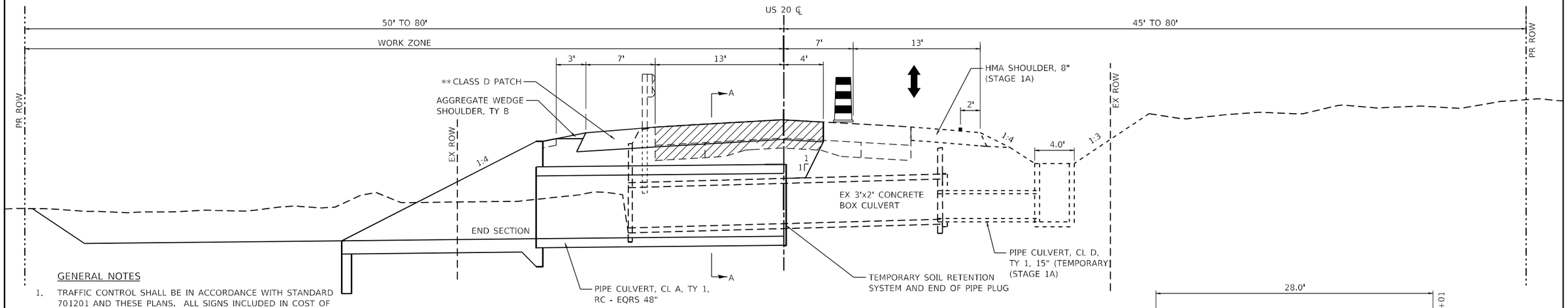


GENERAL NOTES

1. TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH STANDARD 701201 AND THESE PLANS. ALL SIGNS INCLUDED IN COST OF TRAFFIC CONTROL.
2. CONSTRUCT STAGE 1C EARTHWORK, AGGREGATE SHOULDER WEDGE, TYPE B, AND HOT-MIX ASPHALT, 8" LEFT. FOR PAY LIMITS SEE TRAFFIC CONTROL PLAN STAGE 1C AND U.S. ROUTE 20 STAGE 1C CROSS SECTIONS.
3. CONTRACTOR TO COMPLETE STAGE 1C AND 1D ON CONSECUTIVE DAYS.
4. CONTRACTOR TO PROVIDE WORKFORCE AND EQUIPMENT TO COMPLETE THE CONSTRUCTION OF EACH STAGE INCLUDING THE PATCH IN ONE DAY AND RESTORE EXISTING LANE CONFIGURATIONS AT THE END OF EACH WORKDAY.

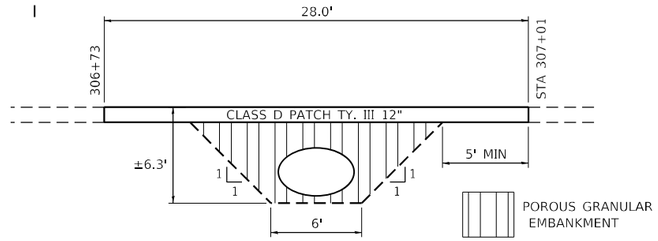
**CLASS D PATCH
STA 306+73 TO STA 307+01

LEGEND

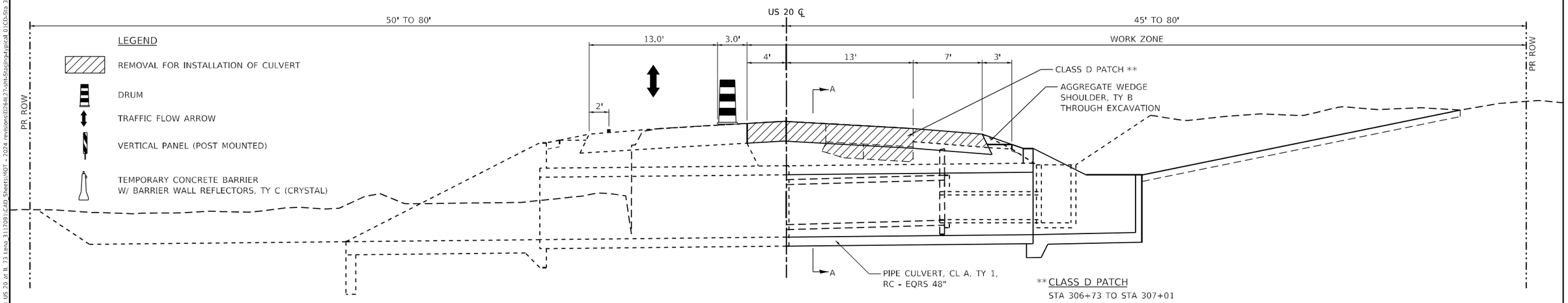
REMOVAL FOR INSTALLATION OF CULVERT

PROPOSED EQRS 48" PIPE CULVERT
AT STA 306+87 U.S. RTE 20
TYPICAL SECTION - STAGE 1C

STA 299+12.5 TO STA 308+07.4



SECTION A-A



**CLASS D PATCH
STA 306+73 TO STA 307+01

PROPOSED ERQS 48" PIPE CULVERT
AT STA 306+87 U.S. RTE 20
TYPICAL SECTION - STAGE 1D

STA 299+85 TO STA 307+39.0

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PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL
TYPICAL SECTION – STAGE 1C & 1D

SCALE: N.T.S. / in. SHEET 7 OF 23 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	74
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

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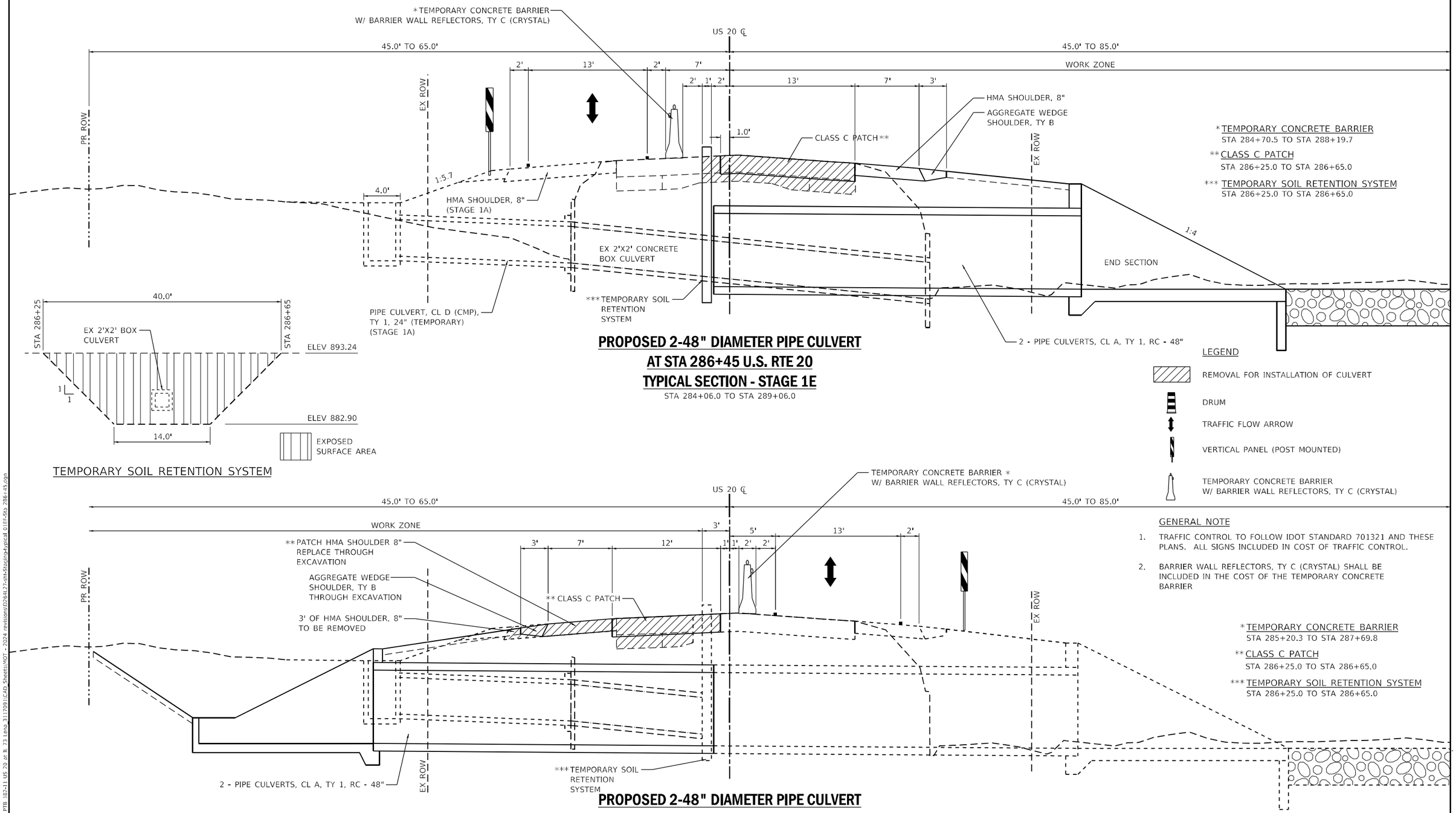

PROPOSED 2-48" DIAMETER PIPE CULVERT
AT STA 286+45 U.S. RTE 20
TYPICAL SECTION - STAGE 1E
STA 284+06.0 TO STA 289+06.0

TEMPORARY SOIL RETENTION SYSTEM

PROPOSED 2-48" DIAMETER PIPE CULVERT
AT STA 286+45 U.S. RTE 20
TYPICAL SECTION - STAGE 1F
STA 284+06.0 TO STA 289+06.0

GENERAL NOTE

1. TRAFFIC CONTROL TO FOLLOW IDOT STANDARD 701321 AND THESE PLANS. ALL SIGNS INCLUDED IN COST OF TRAFFIC CONTROL.
2. BARRIER WALL REFLECTORS, TY C (CRYSTAL) SHALL BE INCLUDED IN THE COST OF THE TEMPORARY CONCRETE BARRIER

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL
TYPICAL SECTION – STAGE 1E & 1F

SCALE: N.T.S. / in. SHEET 8 OF 23 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	75
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087

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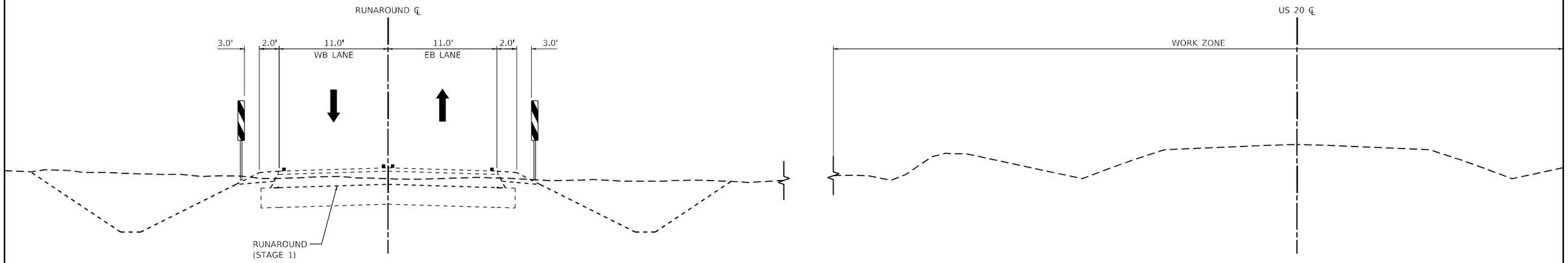


STAGE 2 GENERAL NOTE

1. TRAFFIC CONTROL TO FOLLOW IDOT STANDARD 701331 AND THESE PLANS. ALL SIGNS INCLUDED IN COST OF TRAFFIC CONTROL.

LEGEND

REMOVAL FOR INSTALLATION OF CULVERT

DRUM

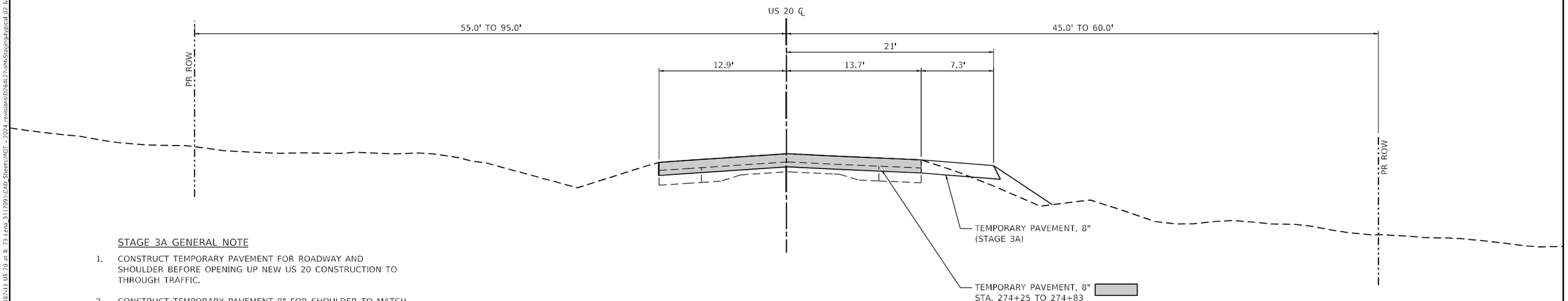
TRAFFIC FLOW ARROW

VERTICAL PANEL (POST MOUNTED)

TEMPORARY CONCRETE BARRIER
W/ BARRIER WALL REFLECTORS, TY C (CRYSTAL)

TRAFFIC CONTROL
TYPICAL SECTION - STAGE 2

STA 237+68.3 TO STA 278+41.2 (US 20)



STAGE 3A GENERAL NOTE

1. CONSTRUCT TEMPORARY PAVEMENT FOR ROADWAY AND SHOULDER BEFORE OPENING UP NEW US 20 CONSTRUCTION TO THROUGH TRAFFIC.

2. CONSTRUCT TEMPORARY PAVEMENT 8" FOR SHOULDER TO MATCH EXISTING PAVEMENT STA. 274+25.0 RT TO STA. 280+44.4 RT IN STAGE 3A.

3. CONSTRUCT TEMPORARY PAVEMENT 8" FOR ROADWAY TO MATCH EXISTING PAVEMENT STA. 274+25.0 TO STA. 274+83 IN STAGE 3A.

TRAFFIC CONTROL
TYPICAL SECTION - STAGE 3A

STA 274+25 TO STA 280+44.4

MODEL: Default
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PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -

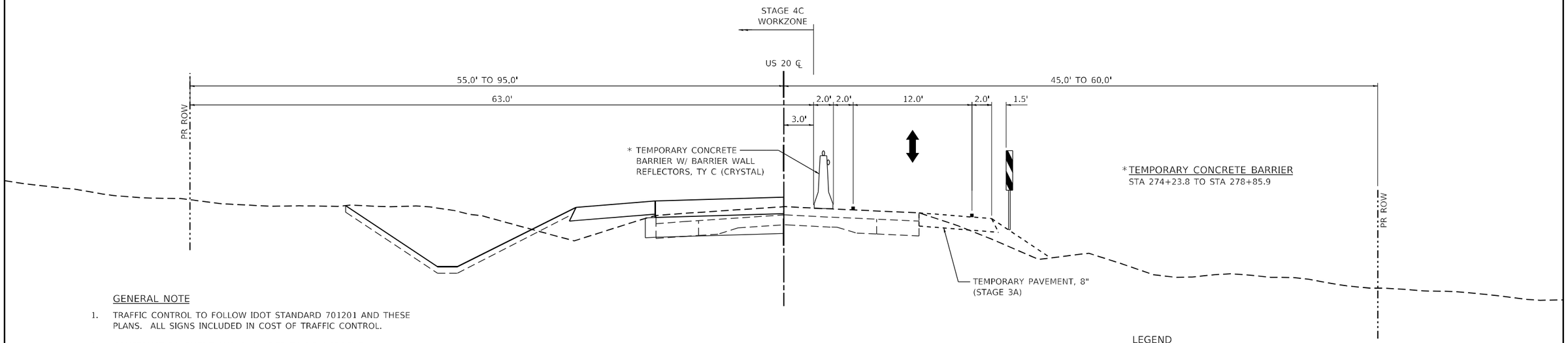
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL
TYPICAL SECTIONS – STAGE 2 AND STAGE 3A

SCALE: N.T.S. ' / in. | SHEET 9 OF 23 SHEETS | STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	76
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087



GENERAL NOTE

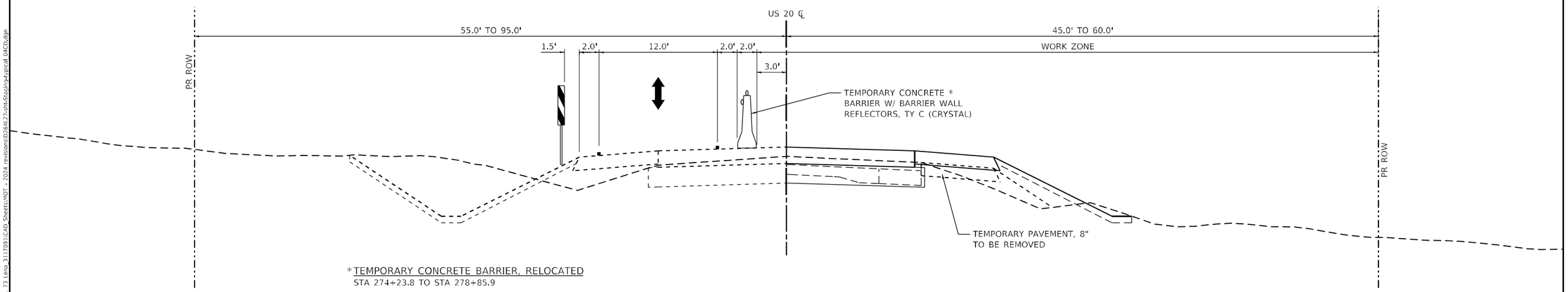
1. TRAFFIC CONTROL TO FOLLOW IDOT STANDARD 701201 AND THESE PLANS. ALL SIGNS INCLUDED IN COST OF TRAFFIC CONTROL.
2. CONSTRUCT PAVEMENT AND SHOULDER TO NEW PROFILE STA. 274+25.0 LT TO STA. 278+30.0 LT IN STAGE 4C.
3. CONSTRUCT NEW SHOULDER TO MATCH EXISTING STA. 278+30.0 LT TO STA. 280+44.4 LT IN STAGE 4C.
4. CONSTRUCT PAVEMENT AND SHOULDER TO NEW PROFILE STA. 274+25.0 RT TO STA. 278+30.0 RT IN STAGE 4D.
5. BARRIER WALL REFLECTORS, TY C (CRYSTAL) SHALL BE INCLUDED IN THE COST OF THE TEMPORARY CONCRETE BARRIER

TRAFFIC CONTROL
TYPICAL SECTION - STAGE 4C

STA 270+69.5 TO STA 281+17.7

LEGEND

- REMOVAL FOR INSTALLATION OF CULVERT
- DRUM
- TRAFFIC FLOW ARROW
- VERTICAL PANEL (POST MOUNTED)
- TEMPORARY CONCRETE BARRIER W/ BARRIER WALL REFLECTORS, TY C (CRYSTAL)



*TEMPORARY CONCRETE BARRIER, RELOCATED
STA 274+23.8 TO STA 278+85.9

*TEMPORARY CONCRETE BARRIER
STA 273+74.2 TO STA 274+23.8

TRAFFIC CONTROL
TYPICAL SECTION - STAGE 4D

STA 270+69.5 TO STA 308+16.4

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PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL
TYPICAL SECTION – STAGE 4C TO 4D

SCALE: N.T.S. / in SHEET 10 OF 23 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	77
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

MODEL: Default
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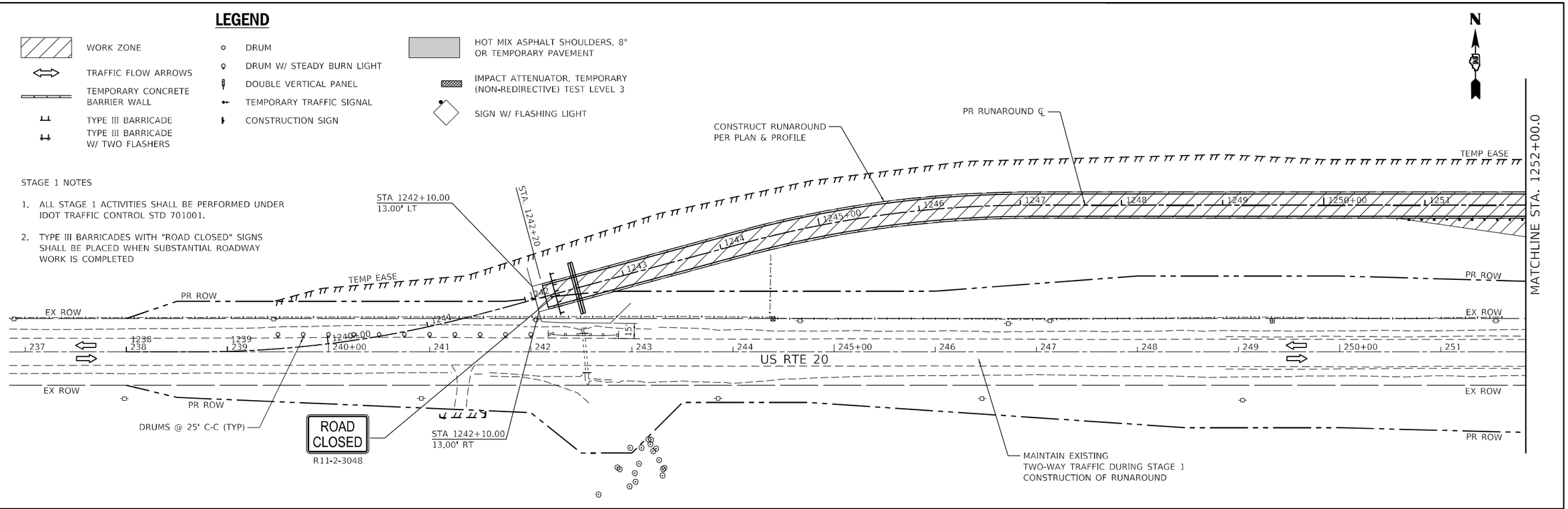
LEGEND

- WORK ZONE
- TRAFFIC FLOW ARROWS
- TEMPORARY CONCRETE BARRIER WALL
- TYPE III BARRICADE
- TYPE III BARRICADE W/ TWO FLASHERS
- DRUM
- DRUM W/ STEADY BURN LIGHT
- DOUBLE VERTICAL PANEL
- TEMPORARY TRAFFIC SIGNAL
- CONSTRUCTION SIGN
- HOT MIX ASPHALT SHOULDERS, 8" OR TEMPORARY PAVEMENT
- IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE) TEST LEVEL 3
- SIGN W/ FLASHING LIGHT

STAGE 1 NOTES

1. ALL STAGE 1 ACTIVITIES SHALL BE PERFORMED UNDER IDOT TRAFFIC CONTROL STD 701001.
2. TYPE III BARRICADES WITH "ROAD CLOSED" SIGNS SHALL BE PLACED WHEN SUBSTANTIAL ROADWAY WORK IS COMPLETED



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	PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL PLAN
STAGE 1

SCALE: 100.0000 ' / in. SHEET 11 OF 23 SHEETS STA. 1238+00.0 TO STA. 1267+00.0

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	78
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087

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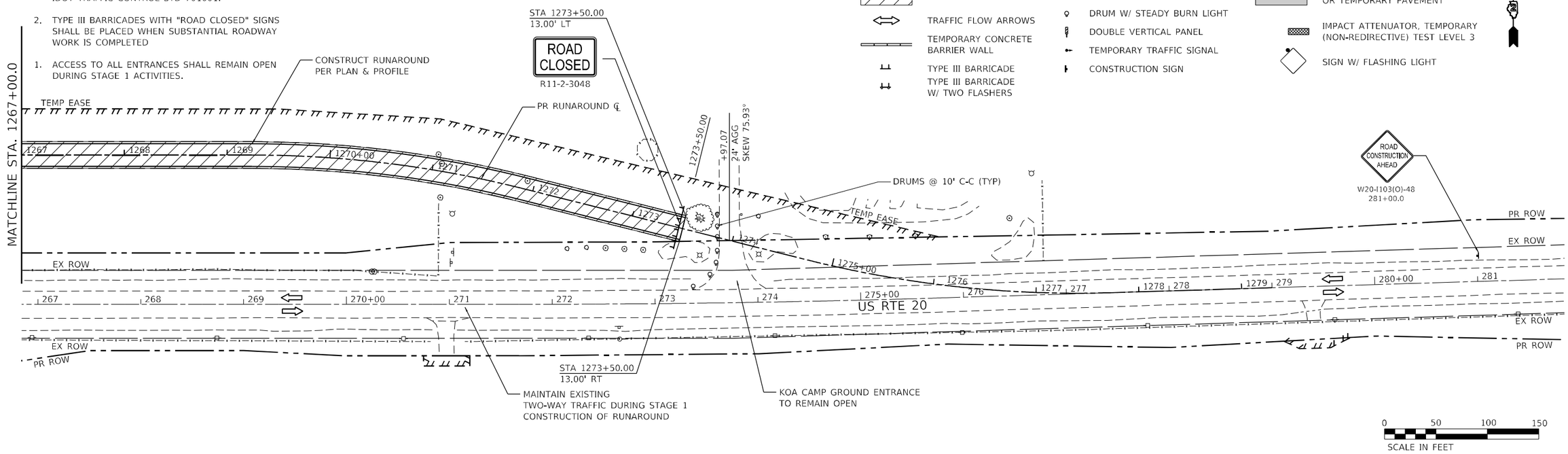
STAGE 1 NOTES

1. ALL STAGE 1 ACTIVITIES SHALL BE PERFORMED UNDER IDOT TRAFFIC CONTROL STD 701001.
2. TYPE III BARRICADES WITH "ROAD CLOSED" SIGNS SHALL BE PLACED WHEN SUBSTANTIAL ROADWAY WORK IS COMPLETED
1. ACCESS TO ALL ENTRANCES SHALL REMAIN OPEN DURING STAGE 1 ACTIVITIES.

LEGEND

- WORK ZONE
- TRAFFIC FLOW ARROWS
- TEMPORARY CONCRETE BARRIER WALL
- TYPE III BARRICADE
- TYPE III BARRICADE W/ TWO FLASHERS
- DRUM
- DRUM W/ STEADY BURN LIGHT
- DOUBLE VERTICAL PANEL
- TEMPORARY TRAFFIC SIGNAL
- CONSTRUCT SIGN
- HOT MIX ASPHALT SHOULDERS, 8" OR TEMPORARY PAVEMENT
- IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE) TEST LEVEL 3
- SIGN W/ FLASHING LIGHT



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PLOT DATE = 9/30/2025	DATE - 10/1/2025	REVISED -

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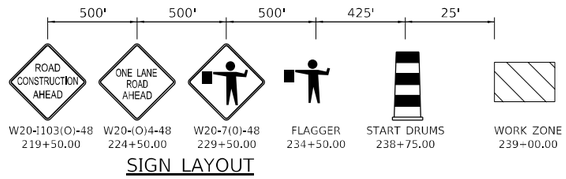
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL PLAN
STAGE 1

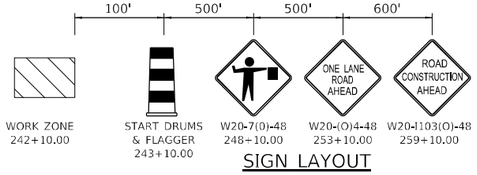
SCALE: 100.0000 ' / in. SHEET 12 OF 23 SHEETS STA. 1267+00.0 TO STA. 1279+00.0

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	79
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087



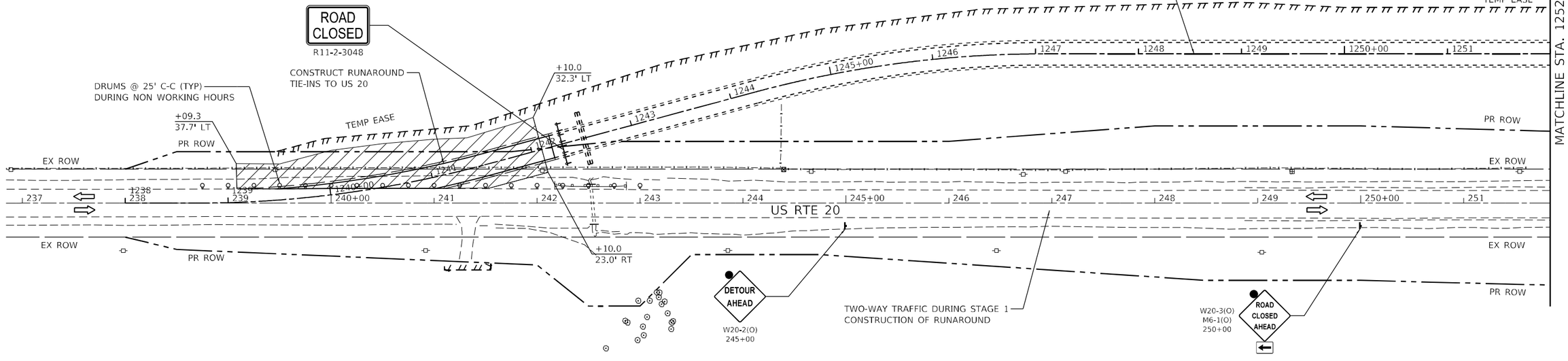
SIGN LAYOUT

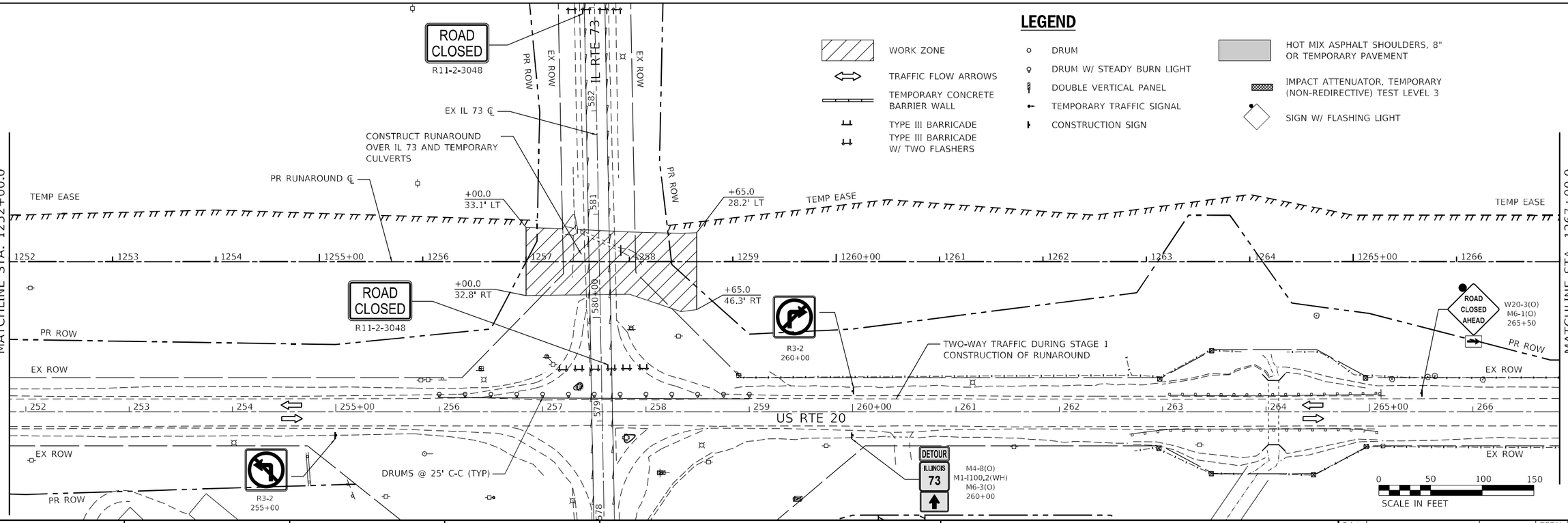


SIGN LAYOUT

STAGE 1 NOTES

1. THE EAST AND WEST END RUNAROUND ACTIVITIES SHALL BE PERFORMED UNDER IDOT TRAFFIC CONTROL STD 701201 AND THESE PLANS. DURING DAY OPERATIONS ONLY. CONTRACTOR TO RESTORE THE EXISTING LANE CONFIGURATION DURING NON-WORKING HOURS
2. THE NORTH LEG OF IL 73 SHALL BE CLOSED BETWEEN US 20 AND GODDARD ROAD. TRAFFIC TO USE MARKED DETOUR ROUTE AND THESE PLANS.





LEGEND

- WORK ZONE
- TRAFFIC FLOW ARROWS
- TEMPORARY CONCRETE BARRIER WALL
- TYPE III BARRICADE
- TYPE III BARRICADE W/ TWO FLASHERS
- DRUM
- DRUM W/ STEADY BURN LIGHT
- DOUBLE VERTICAL PANEL
- TEMPORARY TRAFFIC SIGNAL
- CONSTRUCTION SIGN
- HOT MIX ASPHALT SHOULDERS, 8" OR TEMPORARY PAVEMENT
- IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE) TEST LEVEL 3
- SIGN W/ FLASHING LIGHT

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DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL PLAN
STAGE 1

SCALE: 100.0000 ' / in. SHEET 13 OF 23 SHEETS STA. 1238+00.0 TO STA. 1267+00.0

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	80
		CONTRACT NO. 64L27		
		ILLINOIS FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087

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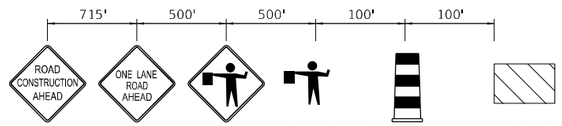
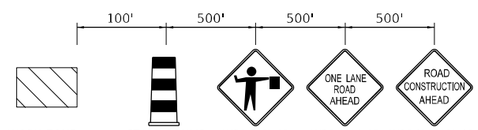
STAGE 1 NOTES

1. ALL STAGE 1 ACTIVITIES SHALL BE PERFORMED UNDER IDOT TRAFFIC CONTROL STD 701201.

2. ACCESS TO ALL ENTRANCES SHALL REMAIN OPEN DURING STAGE 1 ACTIVITIES.



SIGN LAYOUT



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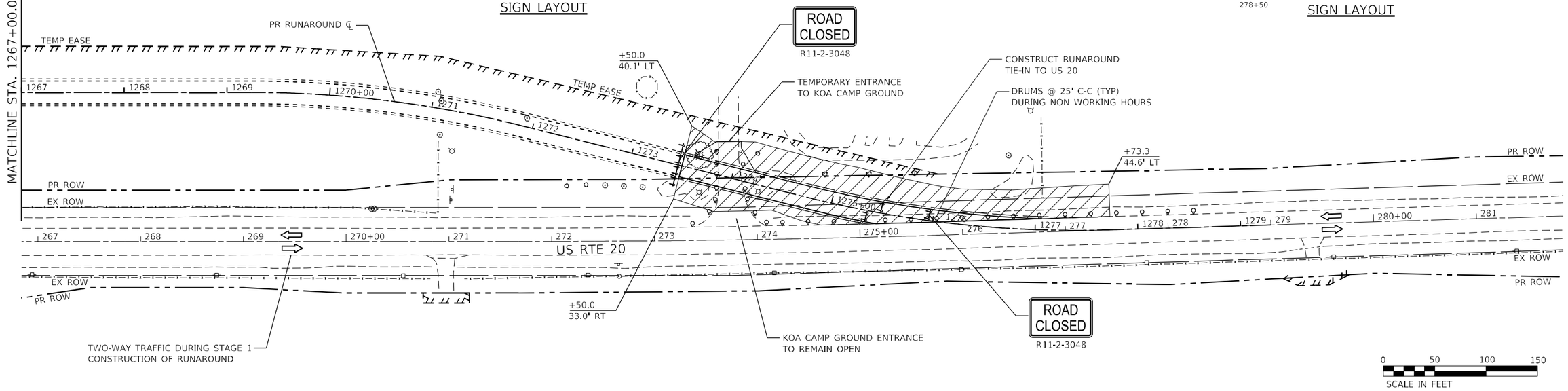

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DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL PLAN
STAGE 1

SCALE: 100.0000 ' / in. SHEET 14 OF 23 SHEETS STA. 1267+00.0 TO STA. 1279+00.0

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	81
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

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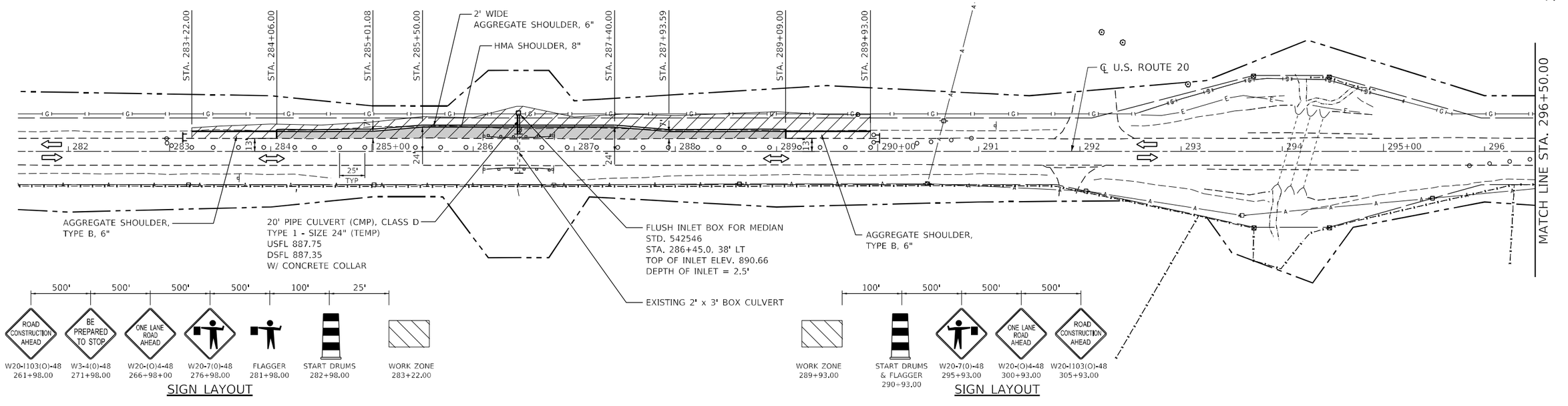
STAGE 1A



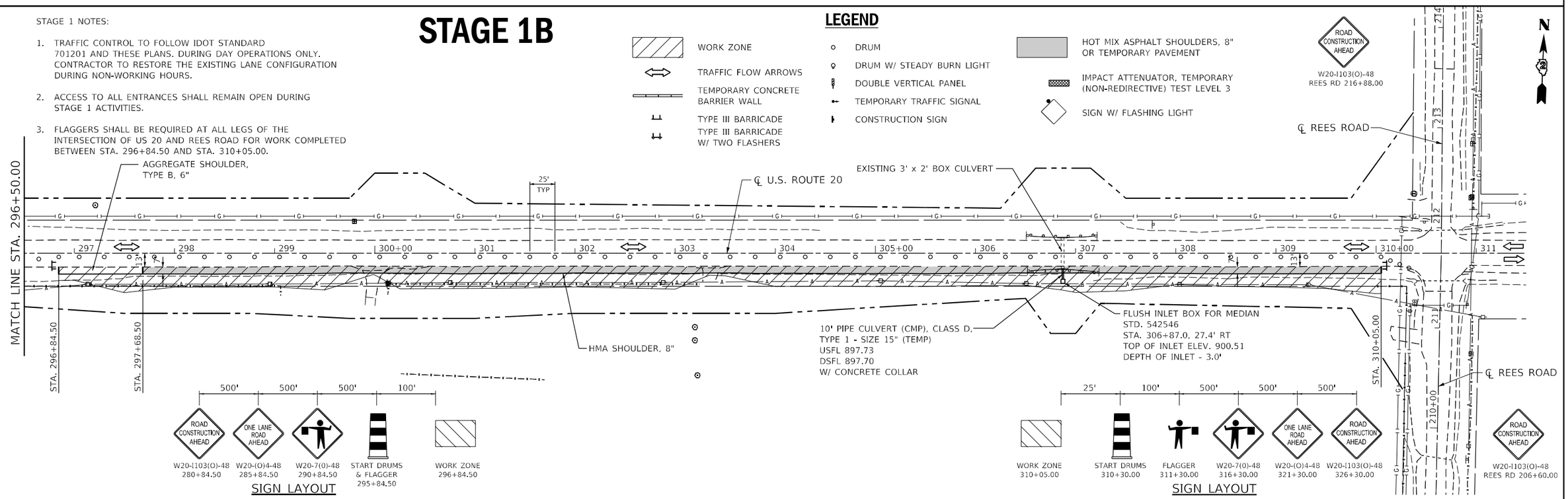
STAGE 1B

STAGE 1 NOTES:

1. TRAFFIC CONTROL TO FOLLOW IDOT STANDARD 701201 AND THESE PLANS. DURING DAY OPERATIONS ONLY. CONTRACTOR TO RESTORE THE EXISTING LANE CONFIGURATION DURING NON-WORKING HOURS.
2. ACCESS TO ALL ENTRANCES SHALL REMAIN OPEN DURING STAGE 1 ACTIVITIES.
3. FLAGGERS SHALL BE REQUIRED AT ALL LEGS OF THE INTERSECTION OF US 20 AND REES ROAD FOR WORK COMPLETED BETWEEN STA. 296+84.50 AND STA. 310+05.00.

LEGEND

- WORK ZONE
- TRAFFIC FLOW ARROWS
- TEMPORARY CONCRETE BARRIER WALL
- TYPE III BARRICADE
- TYPE III BARRICADE W/ TWO FLASHERS
- DRUM
- DRUM W/ STEADY BURN LIGHT
- DOUBLE VERTICAL PANEL
- TEMPORARY TRAFFIC SIGNAL
- CONSTRUCTION SIGN
- HOT MIX ASPHALT SHOULDERS, 8" OR TEMPORARY PAVEMENT
- IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE) TEST LEVEL 3
- SIGN W/ FLASHING LIGHT



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PLOT DATE = 9/30/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
U.S. ROUTE 20 – STAGE 1A & 1B PLANS

SCALE: 100.0000 ' / in. SHEET 15 OF 23 SHEETS STA. 282+00.0 TO STA. 311+00.0

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	82
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087

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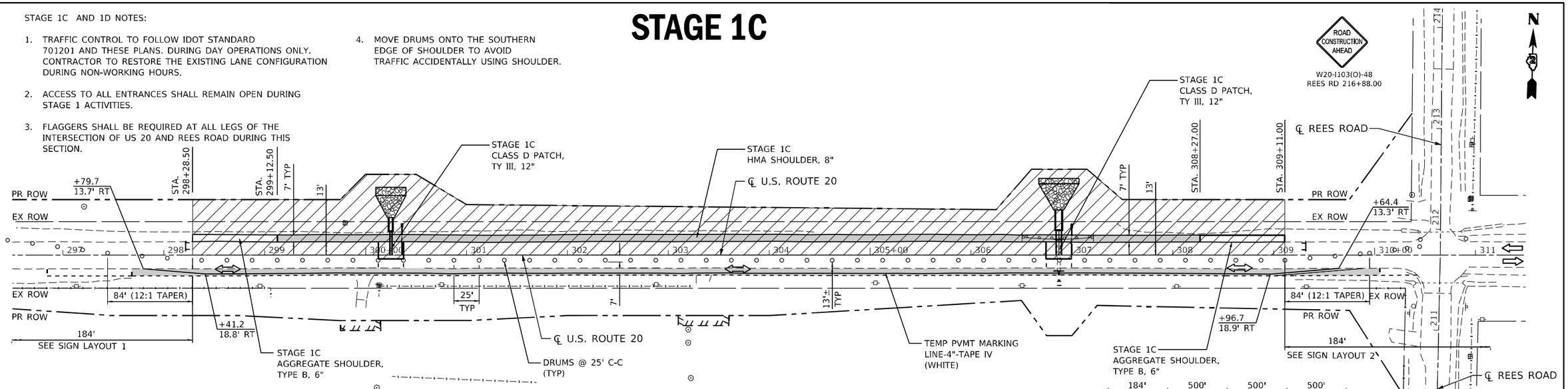
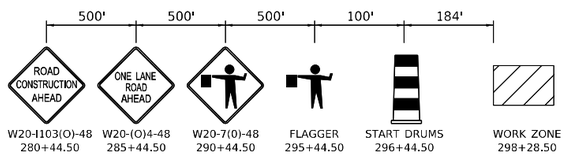
STAGE 1C

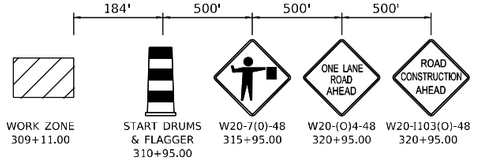
STAGE 1C AND 1D NOTES:

1. TRAFFIC CONTROL TO FOLLOW IDOT STANDARD 701201 AND THESE PLANS. DURING DAY OPERATIONS ONLY. CONTRACTOR TO RESTORE THE EXISTING LANE CONFIGURATION DURING NON-WORKING HOURS.
2. ACCESS TO ALL ENTRANCES SHALL REMAIN OPEN DURING STAGE 1 ACTIVITIES.
3. FLAGGERS SHALL BE REQUIRED AT ALL LEGS OF THE INTERSECTION OF US 20 AND REES ROAD DURING THIS SECTION.
4. MOVE DRUMS ONTO THE SOUTHERN EDGE OF SHOULDER TO AVOID TRAFFIC ACCIDENTALLY USING SHOULDER.



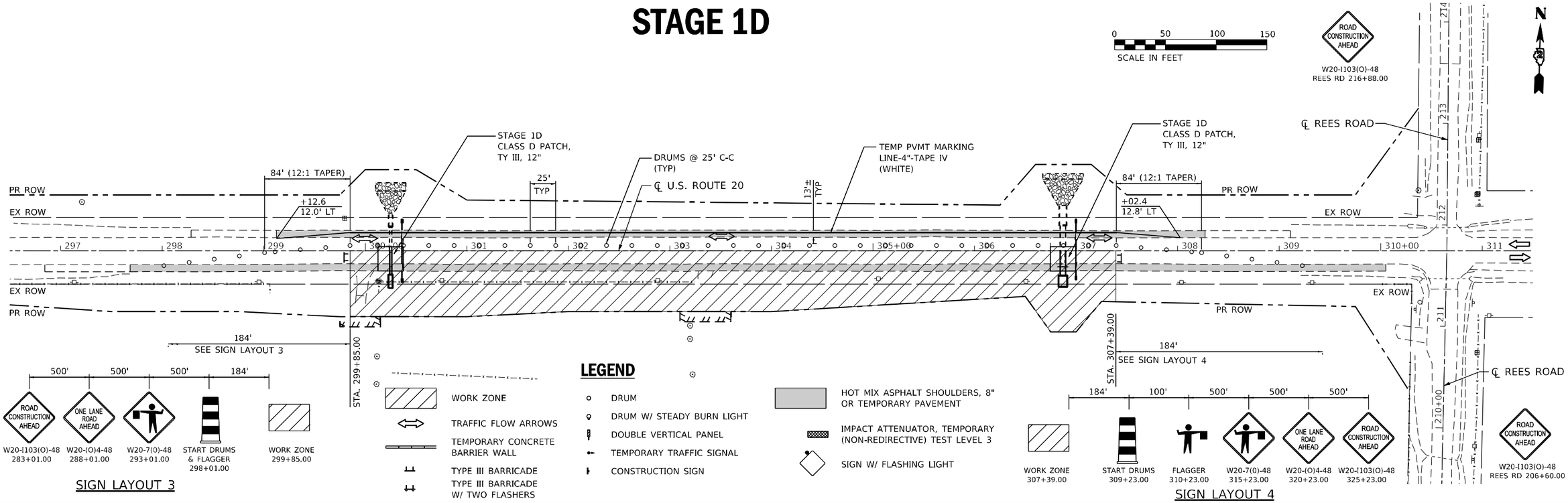


SIGN LAYOUT 1



SIGN LAYOUT 2

STAGE 1D



SIGN LAYOUT 3

LEGEND

- WORK ZONE
- TRAFFIC FLOW ARROWS
- TEMPORARY CONCRETE BARRIER WALL
- TYPE III BARRICADE
- TYPE III BARRICADE W/ TWO FLASHERS
- DRUM
- DRUM W/ STEADY BURN LIGHT
- DOUBLE VERTICAL PANEL
- TEMPORARY TRAFFIC SIGNAL
- CONSTRUCTION SIGN
- HOT MIX ASPHALT SHOULDERS, 8" OR TEMPORARY PAVEMENT
- IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE) TEST LEVEL 3
- SIGN W/ FLASHING LIGHT

SIGN LAYOUT 4

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PLOT DATE = 9/30/2025	DATE - 10/1/2025	REVISED -

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DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL PLAN
STAGE 1C & 1D

SCALE: 100.0000 ' / in. SHEET 16 OF 23 SHEETS STA. 297+00.0 TO STA. 311+00.0

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	83
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

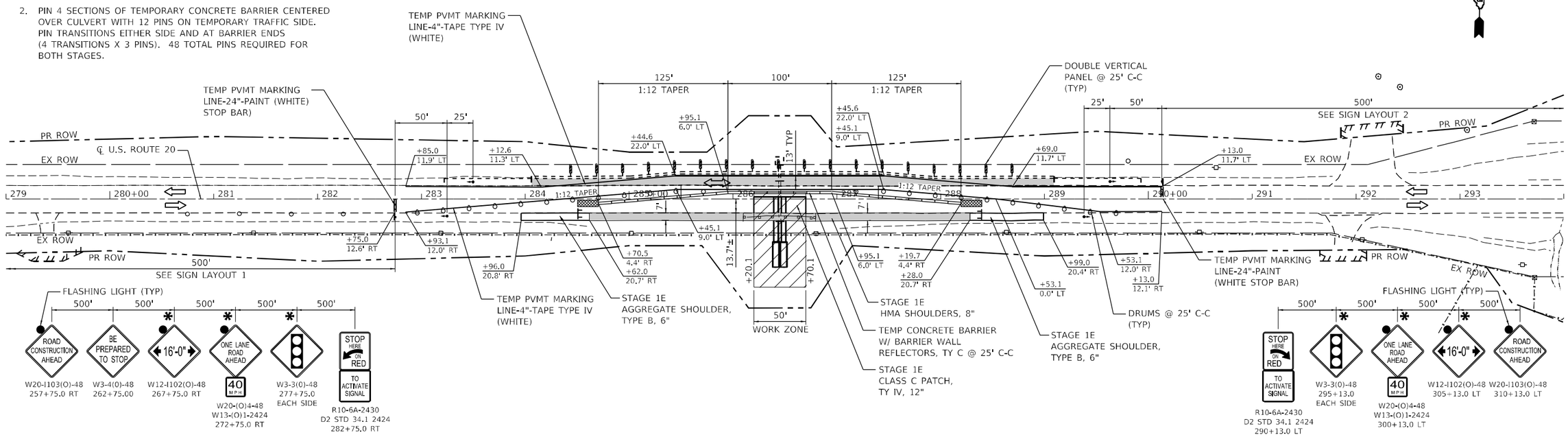
MODEL: Default
FILE NAME: P:\Civil\IDOT DIST2\IDOT 2 PYB 182-11 US 20 at IL 73 Lena 3117091\CAD Sheets\MOT - 2024 revisions\D2647 27-sht-Staging Stage1CD.dgn

STAGE 1E AND 1F NOTES:

1. TRAFFIC CONTROL TO FOLLOW IDOT STANDARD 701321 AND THESE PLANS.

2. PIN 4 SECTIONS OF TEMPORARY CONCRETE BARRIER CENTERED OVER CULVERT WITH 12 PINS ON TEMPORARY TRAFFIC SIDE. PIN TRANSITIONS EITHER SIDE AND AT BARRIER ENDS (4 TRANSITIONS X 3 PINS). 48 TOTAL PINS REQUIRED FOR BOTH STAGES.

STAGE 1E



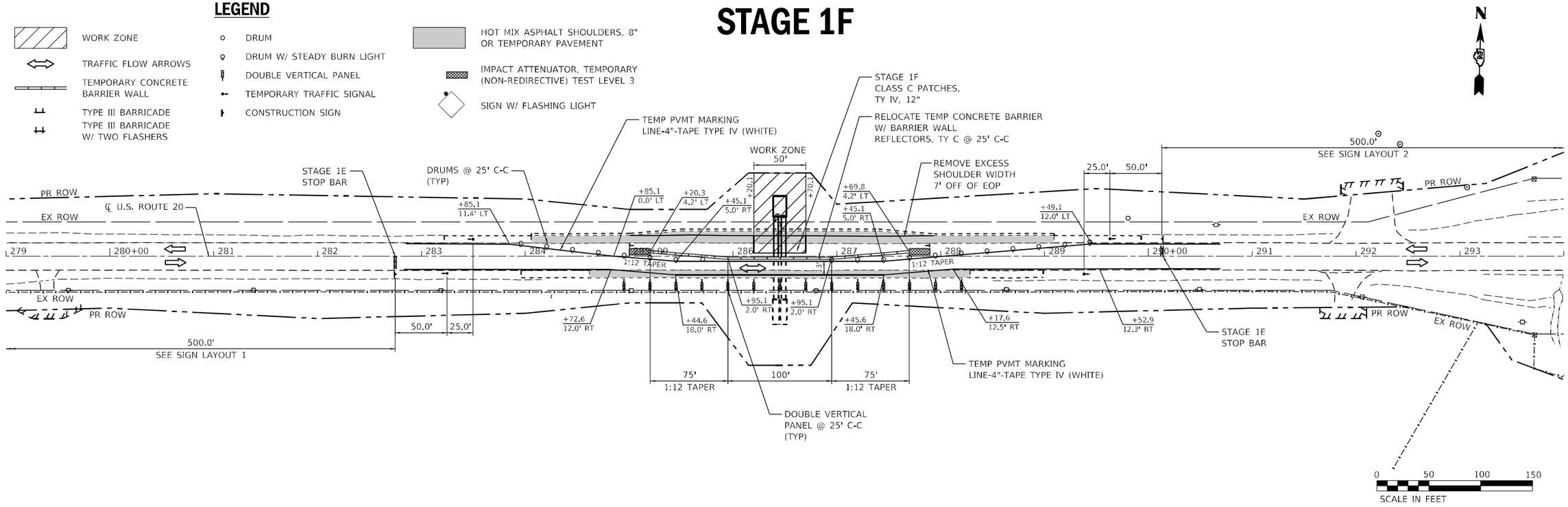
SIGN LAYOUT 1 ✱ TEMPORARY RUMBLE STRIPS 200' AHEAD OF SIGN

SIGN LAYOUT 2

LEGEND

- WORK ZONE
- TRAFFIC FLOW ARROWS
- TEMPORARY CONCRETE BARRIER WALL
- TYPE III BARRICADE
- TYPE III BARRICADE W/ TWO FLASHERS
- DRUM
- DRUM W/ STEADY BURN LIGHT
- DOUBLE VERTICAL PANEL
- TEMPORARY TRAFFIC SIGNAL
- CONSTRUCTION SIGN
- HOT MIX ASPHALT SHOULDERS, 8" OR TEMPORARY PAVEMENT
- IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE) TEST LEVEL 3
- SIGN W/ FLASHING LIGHT

STAGE 1F



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The Upchurch Group architects engineers surveyors	USER NAME = Sta42	DESIGNED - SJF	REVISED -
Professional Design Firm Corporation License No. 184-003501 123 North 15th Street Mattoon, IL 61938 Phone: 217.235.3177 email: upchurchgroup@upchurchgroup.com	TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED - SJF	REVISED -
	PLOT DATE = 9/30/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
STAGE 1E & 1F

SCALE: 100.0000 ' / in. SHEET 17 OF 23 SHEETS STA. TO STA.

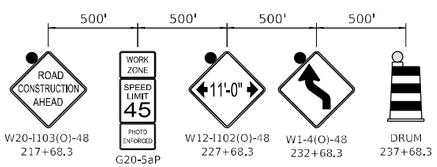
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	84
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087

STAGE 2 NOTES

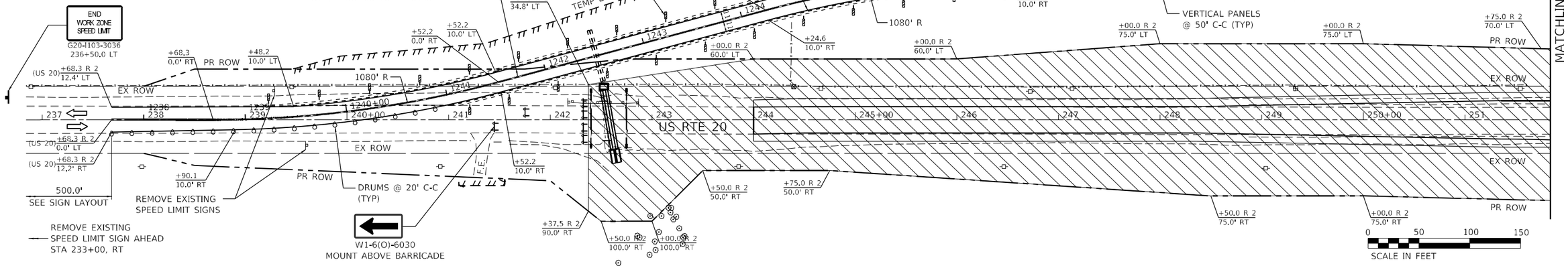
1. TRAFFIC CONTROL TO FOLLOW IDOT STANDARD 701331 AND THESE PLANS.
2. ALL STAGE 2 TRAFFIC ON US ROUTE 20 SHALL USE THE RUNAROUND. IL ROUTE 73 IS CLOSED, TRAFFIC TO USE MARKED DETOUR ROUTE.
3. ALL STATION AND OFFSET CALLOUTS FOR PAVEMENT MARKINGS ARE FROM THE RUNAROUND CENTERLINE UNLESS OTHERWISE NOTED.

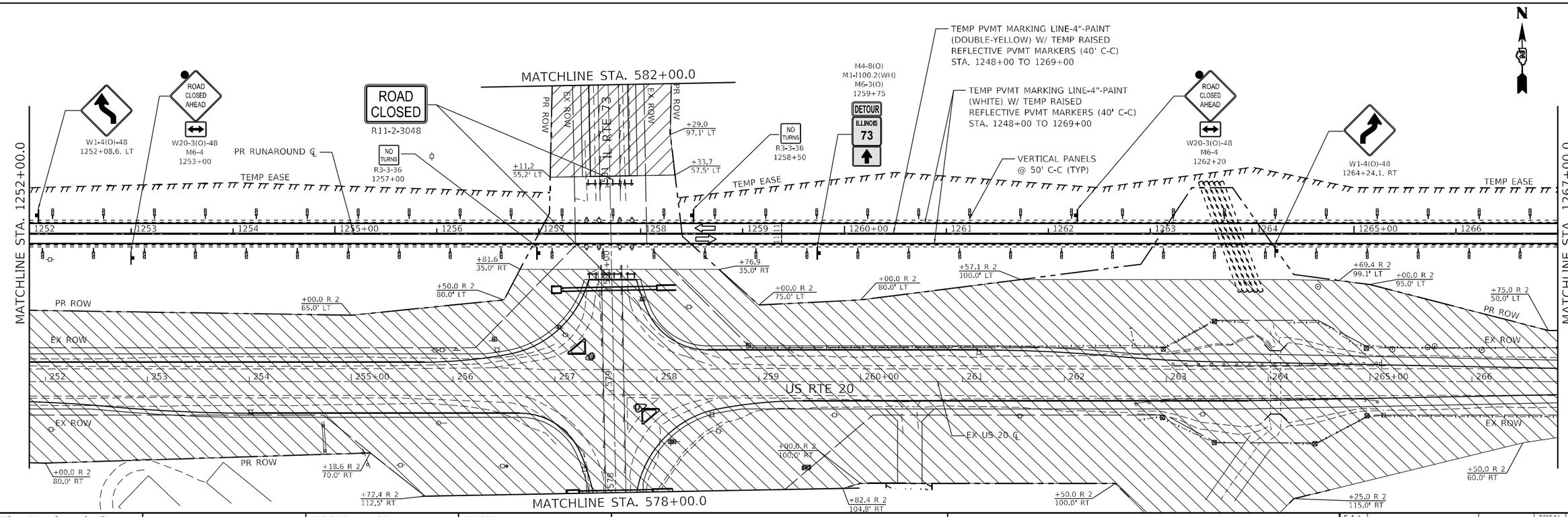
SIGN LAYOUT



LEGEND

- WORK ZONE
- TRAFFIC FLOW ARROWS
- TEMPORARY CONCRETE BARRIER WALL
- TYPE III BARRICADE
- TYPE III BARRICADE W/ TWO FLASHERS
- DRUM
- DRUM W/ STEADY BURN LIGHT
- DOUBLE VERTICAL PANEL
- TEMPORARY TRAFFIC SIGNAL
- CONSTRUCTION SIGN
- HOT MIX ASPHALT SHOULDERS, 8" OR TEMPORARY PAVEMENT
- IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE) TEST LEVEL 3
- SIGN W/ FLASHING LIGHT





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TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL PLAN
STAGE 2

SCALE: 100.0000 ' / in. SHEET 18 OF 23 SHEETS STA. 1237+00.0 TO STA. 1267+00.0

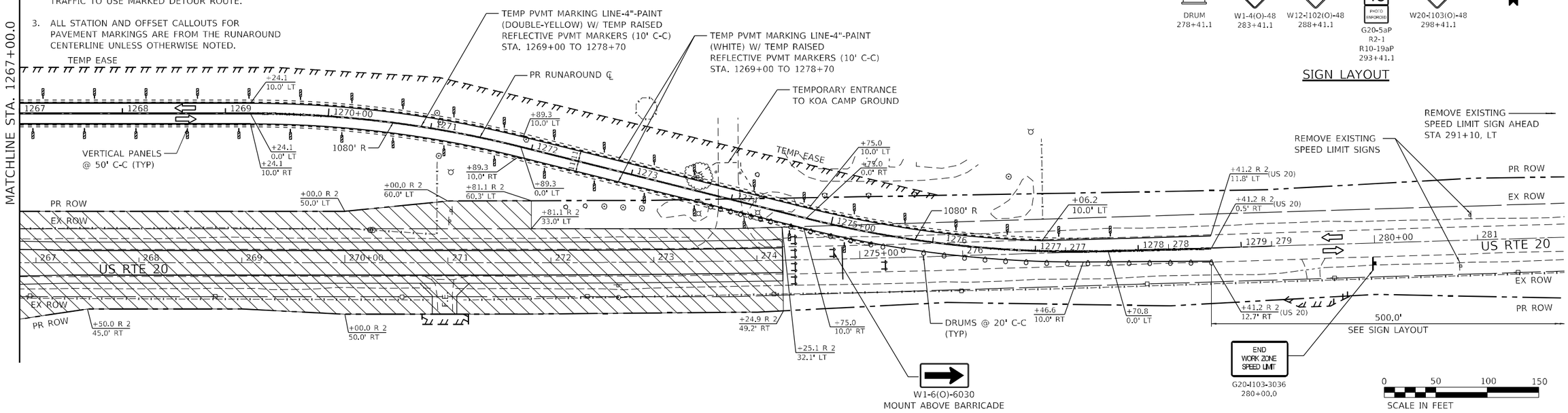
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	85
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

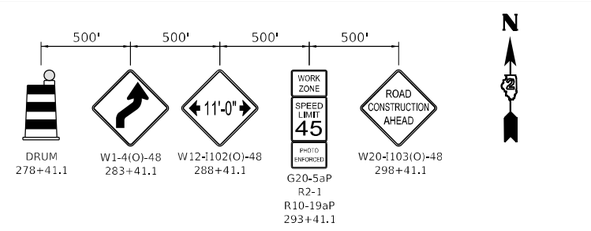
* FAP 301, FAP 654, FAS 1087

MODEL: Default
FILE NAME: P:\Civil\IDOT DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Lena 3117091\CAD Sheets\MOT - 2024 revisions\D264L27-sht-Staging Stage2 01.dgn

STAGE 2 NOTES

1. TRAFFIC CONTROL TO FOLLOW IDOT STANDARD 701331 AND THESE PLANS.
2. ALL STAGE 2 TRAFFIC ON US ROUTE 20 SHALL USE THE RUNAROUND. IL ROUTE 73 IS CLOSED, TRAFFIC TO USE MARKED DETOUR ROUTE.
3. ALL STATION AND OFFSET CALLOUTS FOR PAVEMENT MARKINGS ARE FROM THE RUNAROUND CENTERLINE UNLESS OTHERWISE NOTED.





SIGN LAYOUT

LEGEND

- WORK ZONE
- TRAFFIC FLOW ARROWS
- TEMPORARY CONCRETE BARRIER WALL
- TYPE III BARRICADE
- TYPE III BARRICADE W/ TWO FLASHERS
- DRUM
- DRUM W/ STEADY BURN LIGHT
- DOUBLE VERTICAL PANEL
- TEMPORARY TRAFFIC SIGNAL
- CONSTRUCTION SIGN
- HOT MIX ASPHALT SHOULDERS, 8" OR TEMPORARY PAVEMENT
- IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE) TEST LEVEL 3
- SIGN W/ FLASHING LIGHT

MODEL: Default
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TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL PLAN
STAGE 2

SCALE: 100.0000 ' / in. SHEET 19 OF 23 SHEETS STA. 1267+00.0 TO STA. 1279+00.0

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	86
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

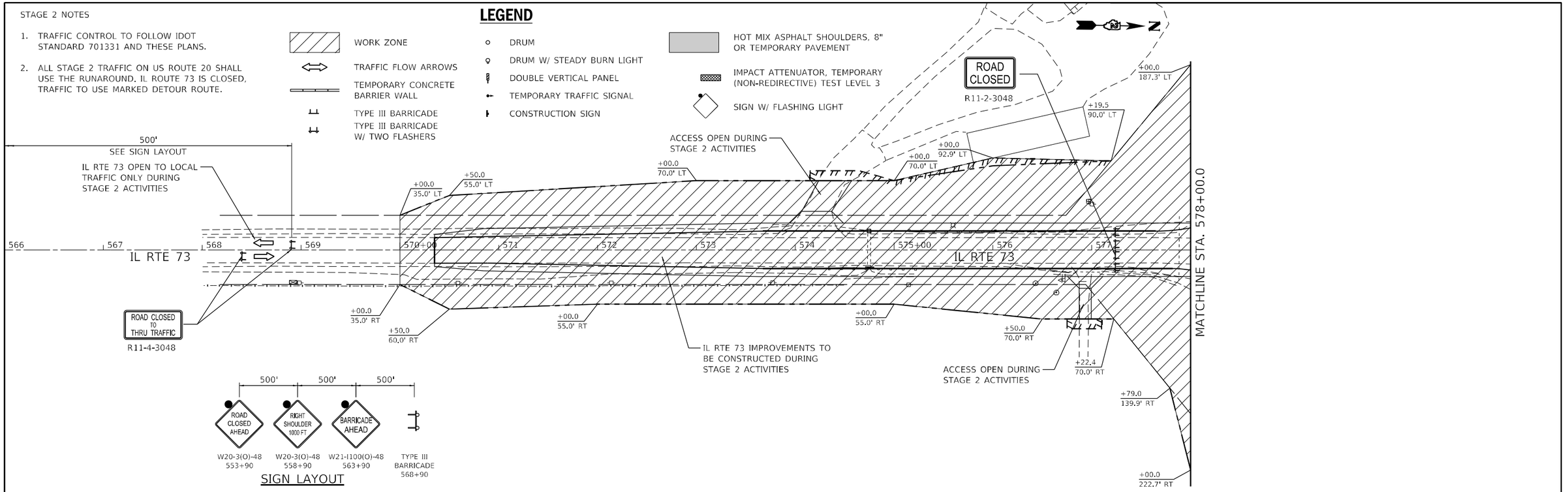
* FAP 301, FAP 654, FAS 1087

STAGE 2 NOTES

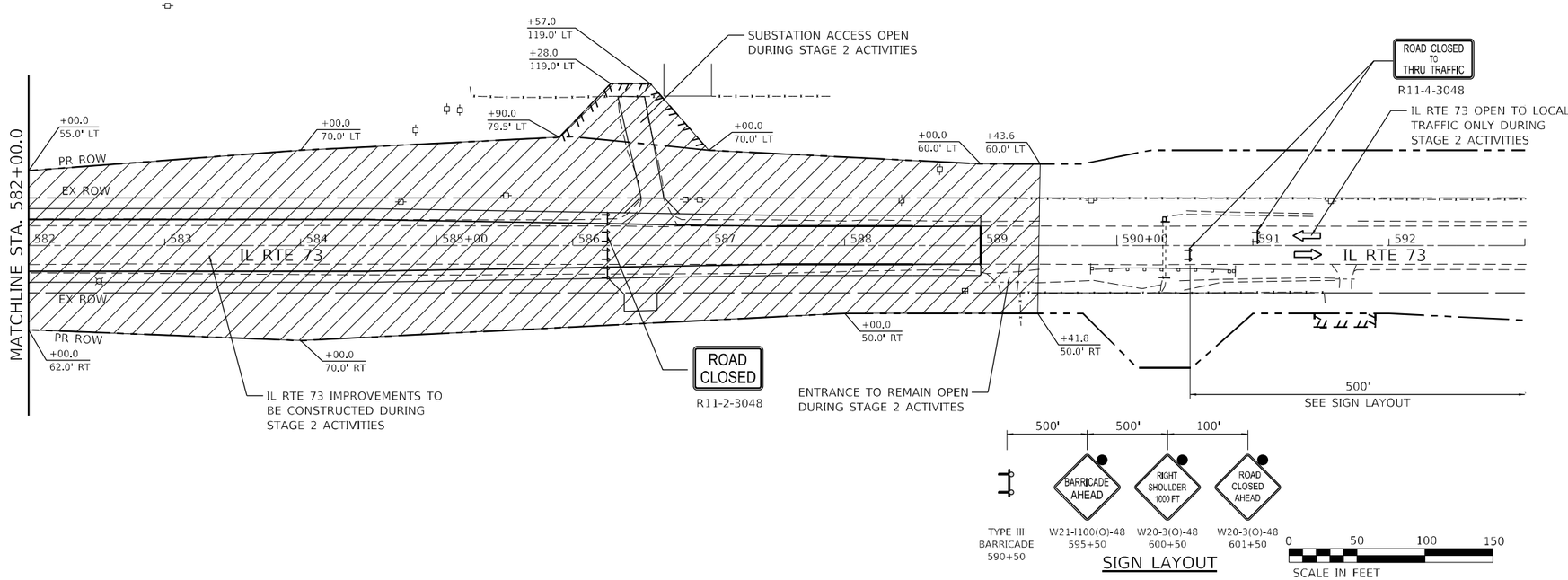
1. TRAFFIC CONTROL TO FOLLOW IDOT STANDARD 701331 AND THESE PLANS.
2. ALL STAGE 2 TRAFFIC ON US ROUTE 20 SHALL USE THE RUNAROUND. IL ROUTE 73 IS CLOSED, TRAFFIC TO USE MARKED DETOUR ROUTE.

LEGEND

- WORK ZONE
- TRAFFIC FLOW ARROWS
- TEMPORARY CONCRETE BARRIER WALL
- TYPE III BARRICADE
- TYPE III BARRICADE W/ TWO FLASHERS
- DRUM
- DRUM W/ STEADY BURN LIGHT
- DOUBLE VERTICAL PANEL
- TEMPORARY TRAFFIC SIGNAL
- CONSTRUCTION SIGN
- HOT MIX ASPHALT SHOULDERS, 8" OR TEMPORARY PAVEMENT
- IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE) TEST LEVEL 3
- SIGN W/ FLASHING LIGHT



SIGN LAYOUT



SIGN LAYOUT

SCALE IN FEET

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e-mail: upchurchgroup@upchurchgroup.com

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TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL PLAN
STAGE 2

SCALE: 100.0000 ' / in. SHEET 20 OF 23 SHEETS STA. 568+00.0 TO STA. 592+00.0

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	87
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

MODEL: Default
FILE NAME: P:\Civil\IDOT DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Lena 3117091\CAD Sheets\MOT - 2024 revisions\D2644124-sht-Staging Stage2 03.dgn

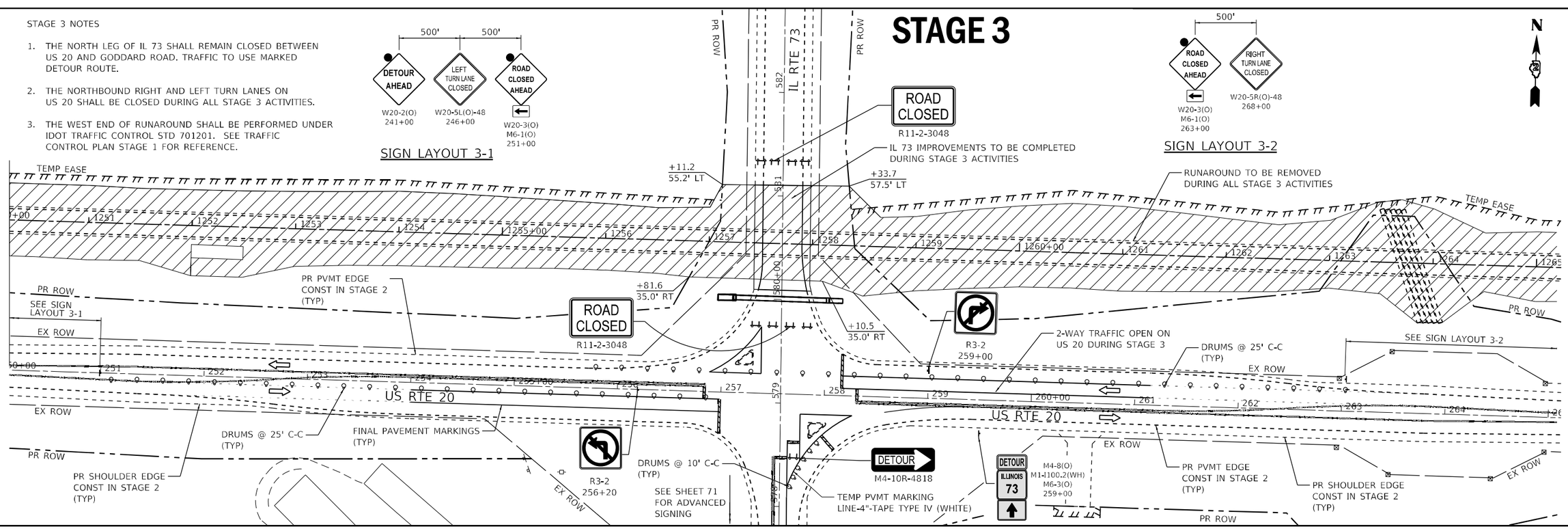
STAGE 3

STAGE 3 NOTES

1. THE NORTH LEG OF IL 73 SHALL REMAIN CLOSED BETWEEN US 20 AND GODDARD ROAD. TRAFFIC TO USE MARKED DETOUR ROUTE.
2. THE NORTHBOUND RIGHT AND LEFT TURN LANES ON US 20 SHALL BE CLOSED DURING ALL STAGE 3 ACTIVITIES.
3. THE WEST END OF RUNAROUND SHALL BE PERFORMED UNDER IDOT TRAFFIC CONTROL STD 701201. SEE TRAFFIC CONTROL PLAN STAGE 1 FOR REFERENCE.

SIGN LAYOUT 3-1

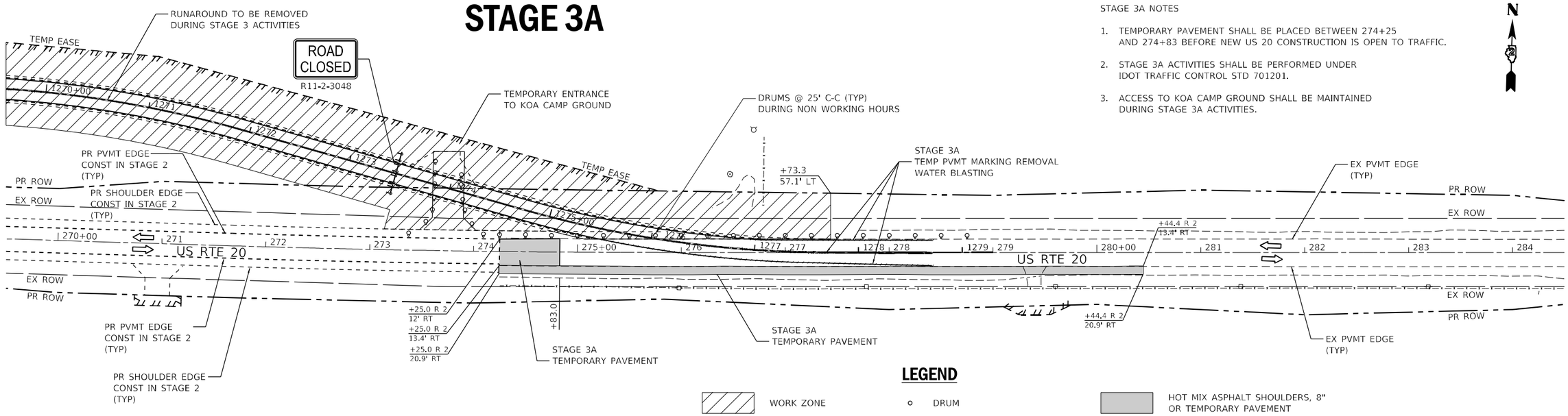
SIGN LAYOUT 3-2



STAGE 3A

STAGE 3A NOTES

1. TEMPORARY PAVEMENT SHALL BE PLACED BETWEEN 274+25 AND 274+83 BEFORE NEW US 20 CONSTRUCTION IS OPEN TO TRAFFIC.
2. STAGE 3A ACTIVITIES SHALL BE PERFORMED UNDER IDOT TRAFFIC CONTROL STD 701201.
3. ACCESS TO KOA CAMP GROUND SHALL BE MAINTAINED DURING STAGE 3A ACTIVITIES.



LEGEND

- WORK ZONE
- TRAFFIC FLOW ARROWS
- TEMPORARY CONCRETE BARRIER WALL
- TYPE III BARRICADE
- TYPE III BARRICADE W/ TWO FLASHERS
- DRUM
- DRUM W/ STEADY BURN LIGHT
- DOUBLE VERTICAL PANEL
- TEMPORARY TRAFFIC SIGNAL
- CONSTRUCTION SIGN
- HOT MIX ASPHALT SHOULDERS, 8" OR TEMPORARY PAVEMENT
- IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE) TEST LEVEL 3
- SIGN W/ FLASHING LIGHT

0 50 100 150
SCALE IN FEET

The Upchurch Group
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e-mail: upchurchgroup@upchurchgroup.com

USER NAME = Sta42	DESIGNED - SJF	REVISED -	
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL PLAN
STAGE 3 & 3A

SCALE: 100.0000 ' / in. SHEET 21 OF 23 SHEETS STA. 250+00.0 TO STA. 284+00.0

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	88
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087

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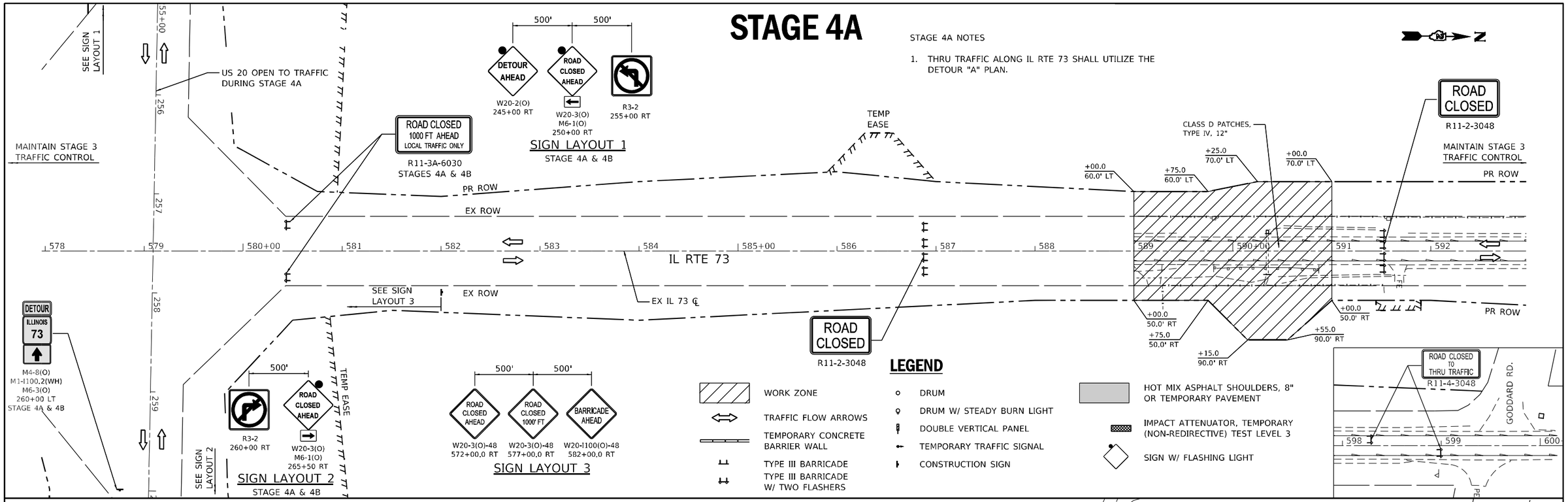
STAGE 4A

STAGE 4A NOTES

1. THRU TRAFFIC ALONG IL RTE 73 SHALL UTILIZE THE DETOUR "A" PLAN.

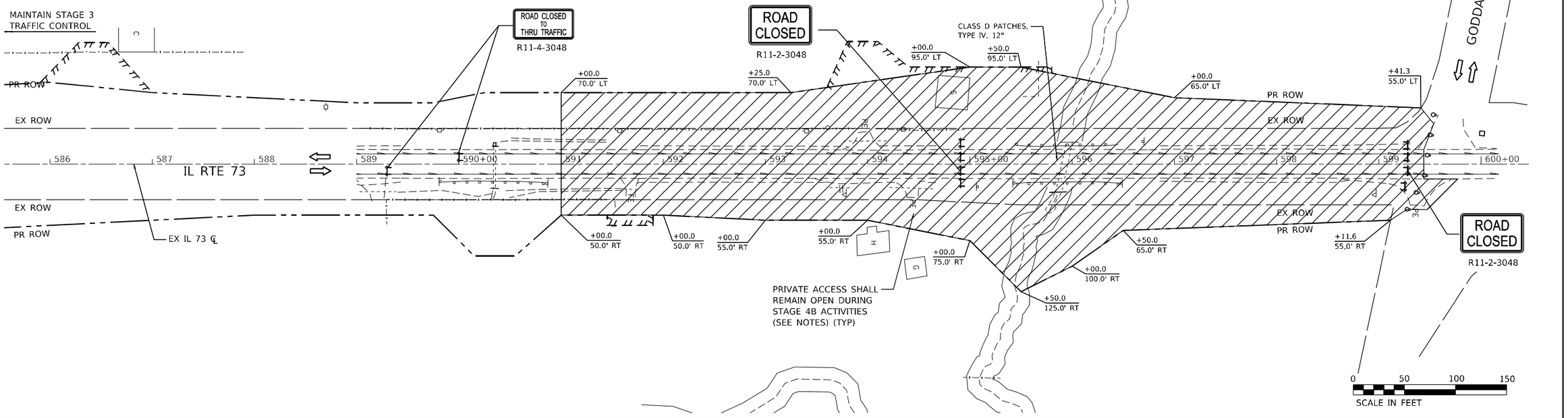


STAGE 4B

STAGE 4B NOTES

1. TEMPORARY ACCESS SHALL BE PROVIDED TO ALL ENTRANCES DURING STAGE 4B ACTIVITIES.

2. THRU TRAFFIC ALONG IL RTE 73 SHALL UTILIZE THE DETOUR "A" PLAN.



The Upchurch Group architects engineers surveyors Professional Design Firm Corporation License No. 184-003-001 123 North 15th Street Mattoon, IL 61938 Phone: 217.235.3177 e-mail: upchurchgroup@upchurchgroup.com	USER NAME = Sta42	DESIGNED - SJF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
	PLOT SCALE = 100.0000 ' / in.	CHECKED - SJF	REVISED -	
	PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -	

STAGING AND TRAFFIC CONTROL PLAN
STAGE 4A & 4B

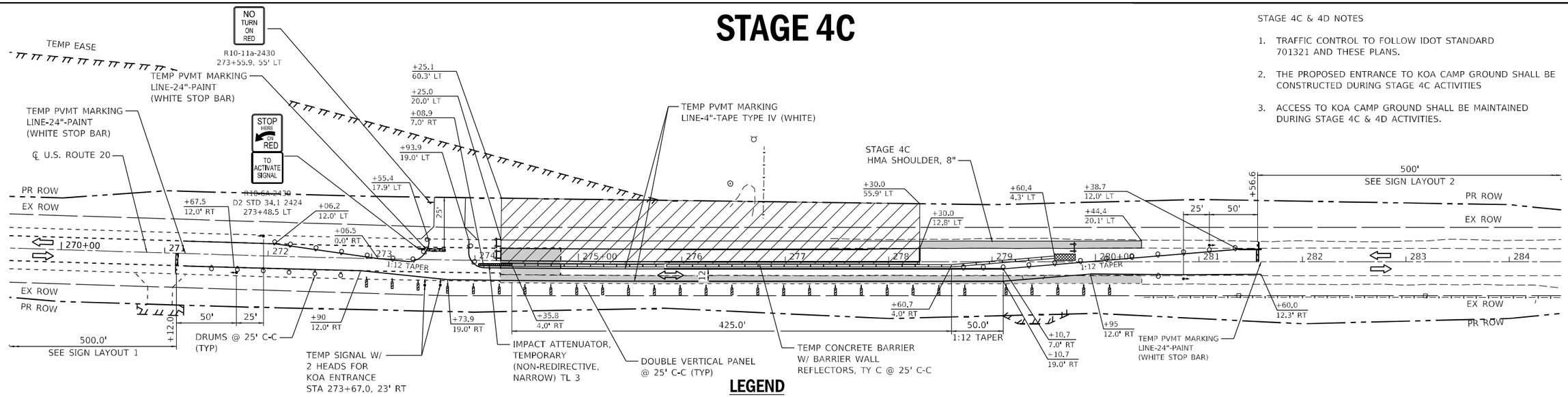
SCALE: 100.0000 ' / in. SHEET 22 OF 23 SHEETS STA. 578+00.0 TO STA. 600+00.0

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	89
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087

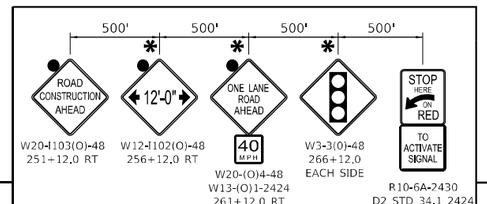
MODEL: Default
FILE NAME: P:\Civil\IDOT DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Lena 3117091\CAD Sheets\MOT - 2024 revisions\D2841L27-jmt-Staging Stage4AB.dgn

STAGE 4C



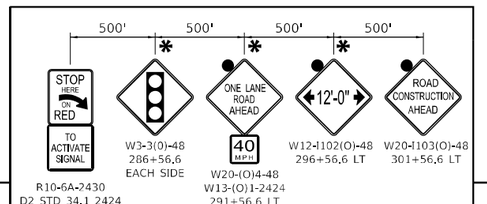
STAGE 4C & 4D NOTES

1. TRAFFIC CONTROL TO FOLLOW IDOT STANDARD 701321 AND THESE PLANS.
2. THE PROPOSED ENTRANCE TO KOA CAMP GROUND SHALL BE CONSTRUCTED DURING STAGE 4C ACTIVITIES
3. ACCESS TO KOA CAMP GROUND SHALL BE MAINTAINED DURING STAGE 4C & 4D ACTIVITIES.



SIGN LAYOUT 1

✱ TEMPORARY RUMBLE STRIPS 200' AHEAD OF SIGN



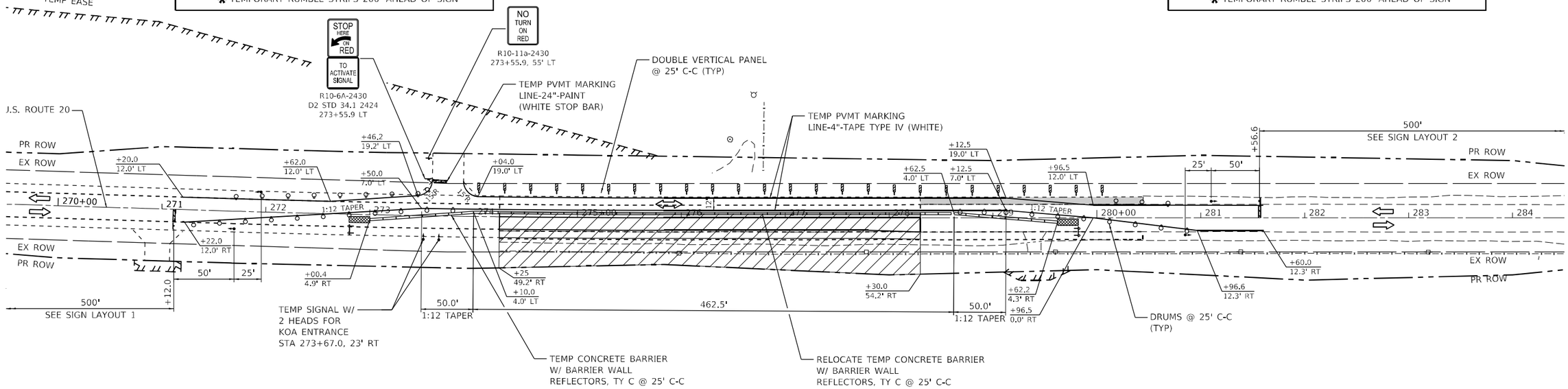
SIGN LAYOUT 2

✱ TEMPORARY RUMBLE STRIPS 200' AHEAD OF SIGN

LEGEND

- WORK ZONE
- TRAFFIC FLOW ARROWS
- TEMPORARY CONCRETE BARRIER WALL
- TYPE III BARRICADE
- TYPE III BARRICADE W/ TWO FLASHERS
- DRUM
- DRUM W/ STEADY BURN LIGHT
- DOUBLE VERTICAL PANEL
- TEMPORARY TRAFFIC SIGNAL
- CONSTRUCTION SIGN
- HOT MIX ASPHALT SHOULDERS, 8" OR TEMPORARY PAVEMENT
- IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE) TEST LEVEL 3
- SIGN W/ FLASHING LIGHT

STAGE 4D



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The Upchurch Group architects engineers surveyors	USER NAME = Sta42	DESIGNED - SJF	REVISED -
Professional Design Firm Corporation License No.: 184-003401 123 North 15th Street Mattoon, IL 61938 Phone: 217.233.3177 e-mail: upchurchgroup@upchurchgroup.com	TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED - SJF	REVISED -
	PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -

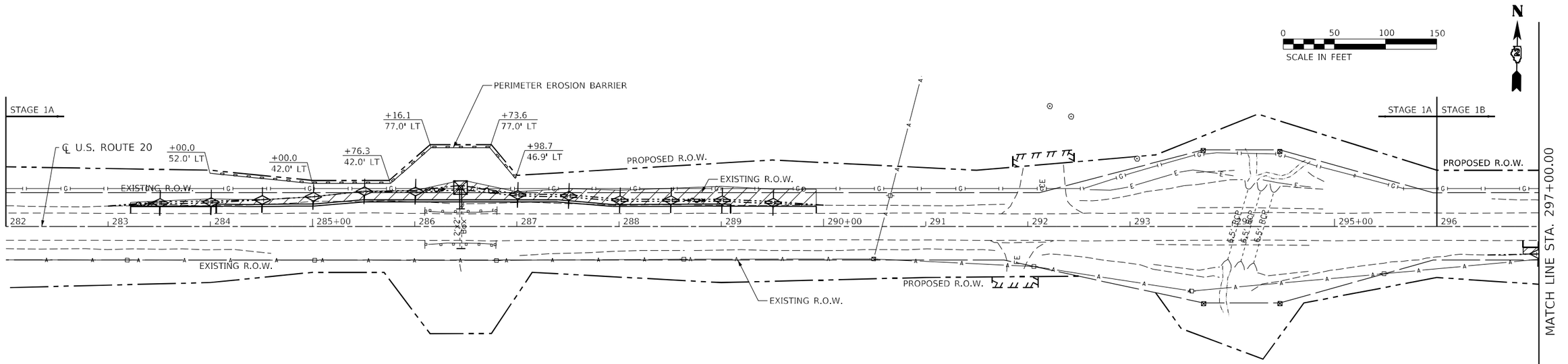
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL PLAN
STAGE 4C & 4D

SCALE: 100.0000 ' / in. SHEET 23 OF 23 SHEETS STA. 270+00.0 TO STA. 284+00.0

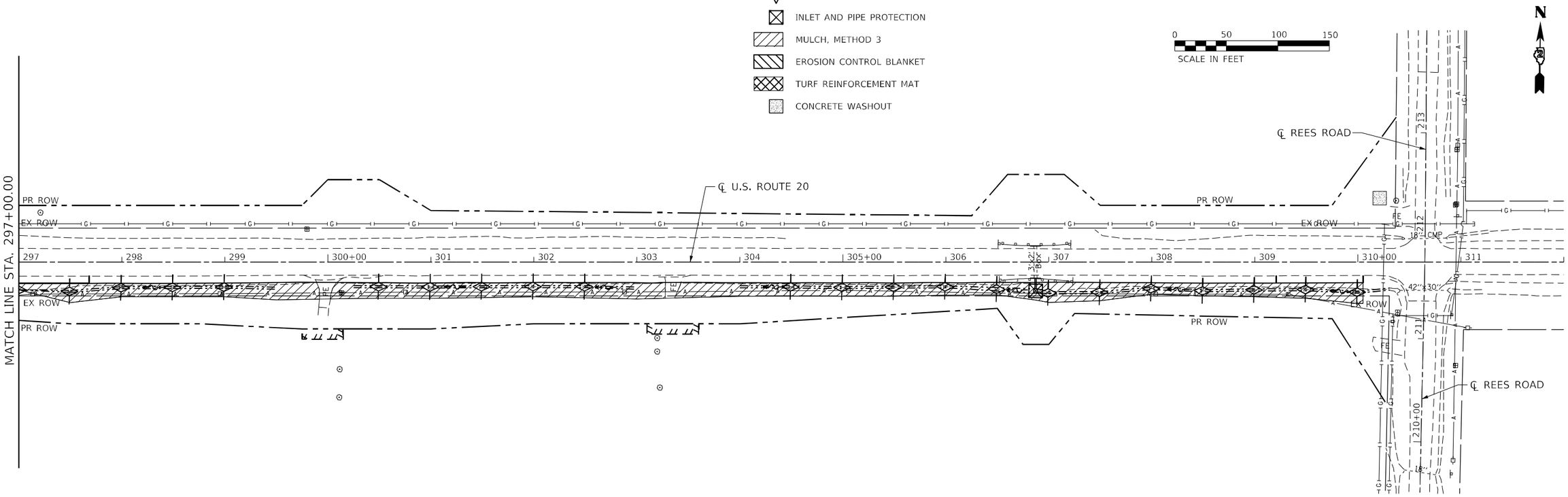
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	90
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087



EROSION LEGEND

- DIRECTION OF FLOW
- TEMPORARY FENCE
- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECK
- INLET AND PIPE PROTECTION
- MULCH, METHOD 3
- EROSION CONTROL BLANKET
- TURF REINFORCEMENT MAT
- CONCRETE WASHOUT



The Upchurch Group architects engineers surveyors Professional Design Firms Corporation License No. 184003601 123 North 15th Street Mattoon, IL 61938 Phone: 217.235.3177 e-mail: upchurchgroup@upchurchgroup.com	USER NAME = Sta42	DESIGNED - SJF	REVISED -
	TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED - SJF	REVISED -
	PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 1A & 1B
EROSION & SEDIMENT CONTROL PLANS

SCALE: 100.0000 ' / in. SHEET 1 OF 8 SHEETS STA. 285+00.00 TO STA. 315+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	91
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087

MODEL: Default
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NOTE: MAINTENANCE OF EXISTING EROSION CONTROL
(ADVANCE CONTRACT 64U79) INCLUDED IN THIS CONTRACT.
SEE SPECIAL PROVISIONS.

0 50 100 150
SCALE IN FEET

N

EXISTING TOPSOIL STOCKPILE LOCATION
(WITH PERIMETER EROSION BARRIER & EROSION CONTROL BLANKET)

PROPOSED TEMPORARY EASEMENT

℄ TEMP. RUNAROUND

ADVANCE EARTHWORK CONTRACT

CONSTRUCTION LIMITS

TEMP. RUNAROUND BEGINS STA. 1238+00.00

STAGE 1 ADVANCE EARTHWORK CONTRACT

STAGE 1

PROPOSED R.O.W.

EXISTING R.O.W.

CONSTRUCTION LIMITS

℄ U.S. ROUTE 20

EXISTING R.O.W.

PROPOSED R.O.W.

MATCH LINE STA. 1250+00.00

235+00 236 237 1238 238 1239 239 240+00 241 242 243 244 245+00 246 247 248 249

1241 1242 1243 1244 1245+00 1246 1247 1248 1249

FE

EROSION LEGEND

- DIRECTION OF FLOW
- TEMPORARY FENCE
- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECK
- INLET AND PIPE PROTECTION
- MULCH, METHOD 3
- EROSION CONTROL BLANKET
- TURF REINFORCEMENT MAT
- CONCRETE WASHOUT

℄ IL ROUTE 73

582

0 50 100 150
SCALE IN FEET

N

ADVANCE EARTHWORK CONTRACT

STAGE 1

ADVANCE EARTHWORK CONTRACT

ADVANCE EARTHWORK CONTRACT

MATCH LINE STA. 1250+00.00

℄ TEMP. RUNAROUND

EXISTING TOPSOIL STOCKPILE LOCATION
(WITH PERIMETER EROSION BARRIER & EROSION CONTROL BLANKET)

PROPOSED TEMPORARY EASEMENT

CONSTRUCTION LIMITS

581

1250+00 1251 1252 1253 1254 1255+00 1256 1257 1258 1259 1260+00 1261 1262 1263 1264

580

CONSTRUCTION LIMITS

PROPOSED R.O.W.

℄ U.S. ROUTE 20

EXISTING R.O.W.

250+00 251 252 253 254 255+00 256 257 258 259 260+00 261 262 263 264

579

FE

EXISTING R.O.W.

Sign

Sign

ADVANCE EARTHWORK CONTRACT

MATCH LINE STA. 1265+00.00

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The Upchurch Group
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e-mail: upchurchgroup@upchurchgroup.com

USER NAME = Sta42	DESIGNED - SJF	REVISED -	
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

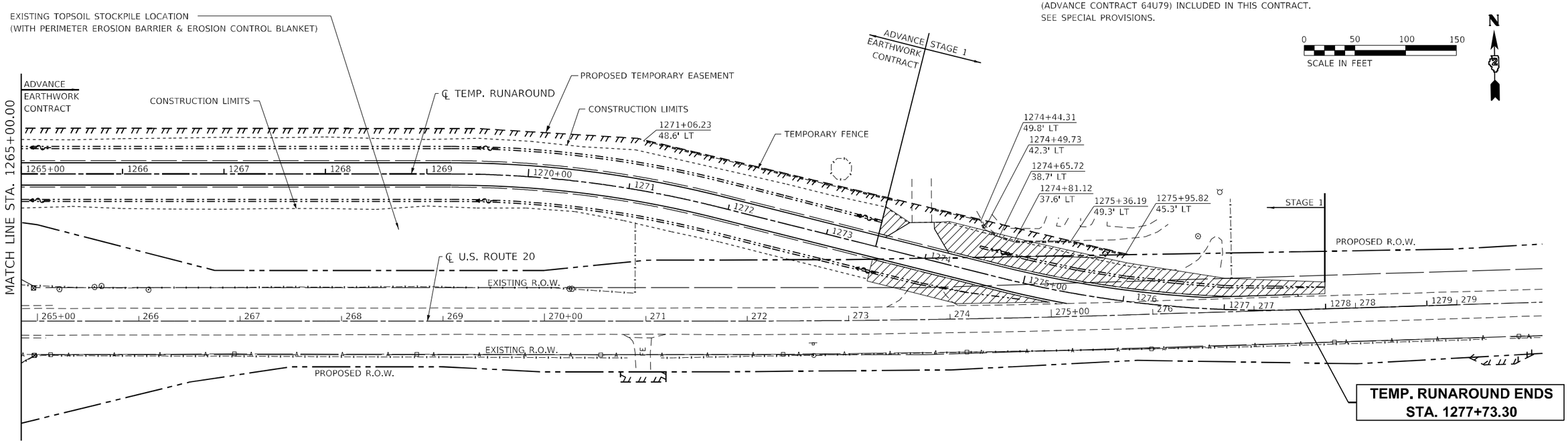
STAGE 1
EROSION & SEDIMENT CONTROL PLANS

SCALE: 100.0000 ' / in. SHEET 2 OF 8 SHEETS STA. 1238+00.00 TO STA. 1265+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	92
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

NOTE: MAINTENANCE OF EXISTING EROSION CONTROL (ADVANCE CONTRACT 64U79) INCLUDED IN THIS CONTRACT. SEE SPECIAL PROVISIONS.



EROSION LEGEND

- DIRECTION OF FLOW
- TEMPORARY FENCE
- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECK
- INLET AND PIPE PROTECTION
- MULCH, METHOD 3
- EROSION CONTROL BLANKET
- TURF REINFORCEMENT MAT
- CONCRETE WASHOUT

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PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -

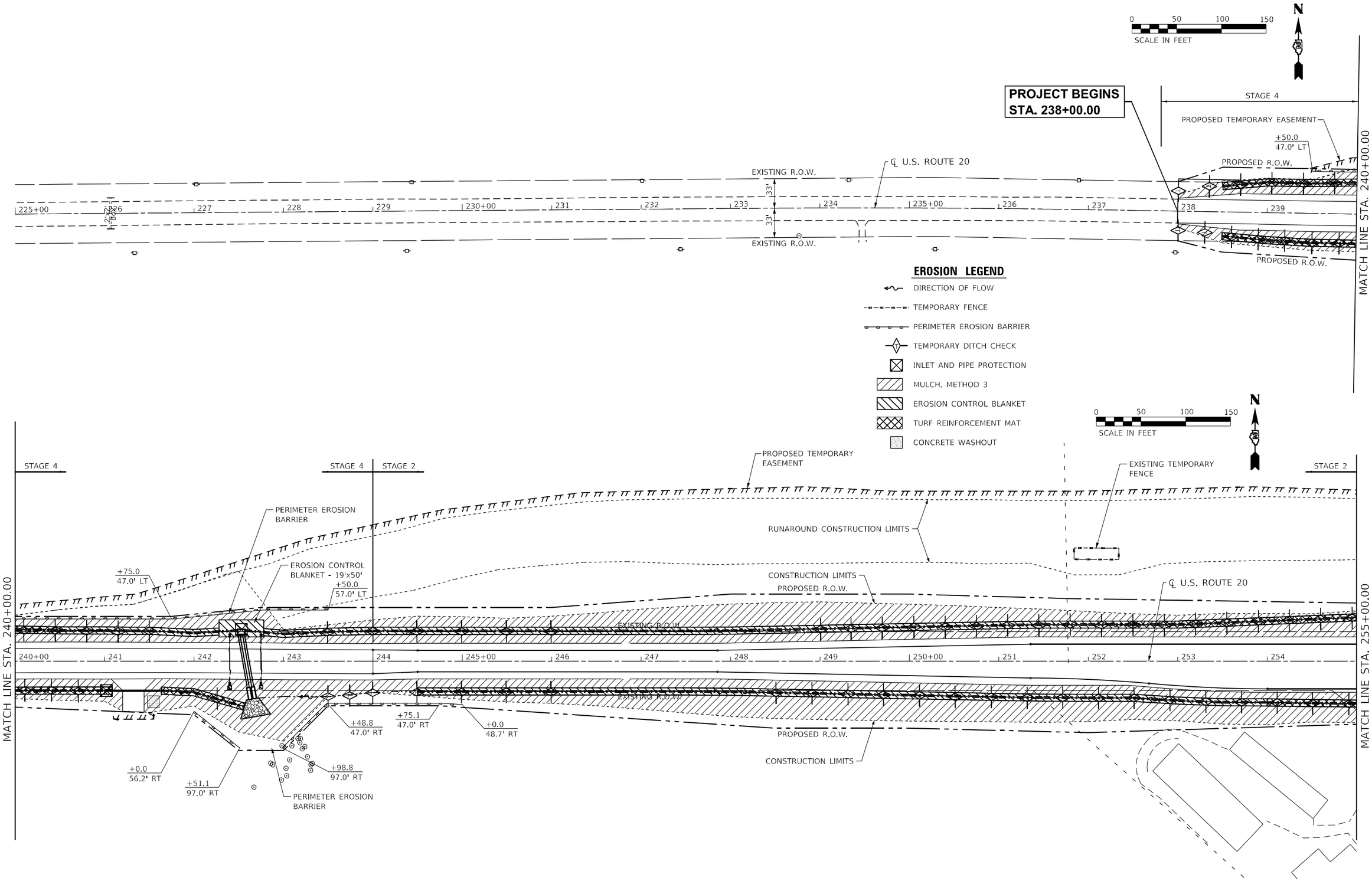
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 1
EROSION & SEDIMENT CONTROL PLANS

SCALE: 100.0000 ' / in. SHEET 3 OF 8 SHEETS STA. 1265+00.00 TO STA. 1279+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	93
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087



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Professional Design Firm Corporation License No. 184-003401	USER NAME = Sta42	DESIGNED - SJF	REVISED -
123 North 15th Street Mattoon, IL 61938 Phone: 217.235.3177 e-mail: upchurchgroup@upchurchgroup.com	TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED - SJF	REVISED -
	PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGES 2 & 4
EROSION & SEDIMENT CONTROL PLANS

SCALE: 100.0000 ' / in. SHEET 4 OF 8 SHEETS STA. 225+00.00 TO STA. 255+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	94
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

℄ IL ROUTE 73

EXISTING TEMPORARY FENCE AND WETLAND AREA SIGNS

PROPOSED TEMPORARY EASEMENT

0 50 100 150
SCALE IN FEET

N

LIMITS OF WETLAND

STAGE 2

STAGE 3

STAGE 2

STAGE 2

EROSION CONTROL BLANKET - 30'x50'

+18.5
171.8' LT

+22.2
140.8' LT

+0.3
77.0' LT

+50.0
83.3' LT

+98.9
71.9' LT

PROPOSED R.O.W.

CONSTRUCTION LIMITS

℄ U.S. ROUTE 20

EXISTING R.O.W.

MATCH LINE STA. 255+00.00

581

580+00

579

578

577

255+00 256 257 258 259 260+00 261 262 263 264 265+00 266 267 268 269

MATCH LINE STA. 270+00.00

+49.6
40.0' RT

+00.1
40.0' RT

+49.0
55.1' RT

CONSTRUCTION LIMITS

PERIMETER EROSION BARRIER

+22.5
110.5' RT

+50.0
95.0' RT

+50.0
98.0' RT

+52.8
95.0' RT

+50.8
98.0' RT

+82.9
150.0' RT

+82.9
150.3' RT

+07.1
150.0' RT

+05.8
150.3' RT

WETLANDS - RIVERINE

LIMITS OF WETLAND

PROPOSED TEMPORARY FENCE AND WETLAND AREA SIGNS

EROSION CONTROL BLANKET - 30'x50'

EROSION LEGEND

- DIRECTION OF FLOW
- TEMPORARY FENCE
- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECK
- INLET AND PIPE PROTECTION
- MULCH, METHOD 3
- EROSION CONTROL BLANKET
- TURF REINFORCEMENT MAT
- CONCRETE WASHOUT

PROPOSED TEMPORARY EASEMENT

EXISTING TEMPORARY FENCE

STAGE 2 STAGE 2 STAGE 2 STAGE 1G STAGE 1G

PROPOSED TEMPORARY FENCE

℄ U.S. ROUTE 20

CONSTRUCTION LIMITS

PERIMETER EROSION BARRIER

+0.0
52.0' LT

PROPOSED R.O.W.

EXISTING R.O.W.

MATCH LINE STA. 270+00.00

270+00 271 272 273 274 275+00 276 277 278 279 280+00 281 282 283 284

MATCH LINE STA. 285+00.00

+71.8
45.0' RT

+0.4
47.0' RT

+83.6
42.0' RT

+0.0
52.0' RT

+0.0
47.0' RT

+50.0
49.5' RT

+0.0
52.0' RT

PERIMETER EROSION BARRIER

PERIMETER EROSION BARRIER

CONSTRUCTION LIMITS

PERIMETER EROSION BARRIER

0 50 100 150
SCALE IN FEET

N

MODEL: Default
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	TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED - SJF	REVISED -
	PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -

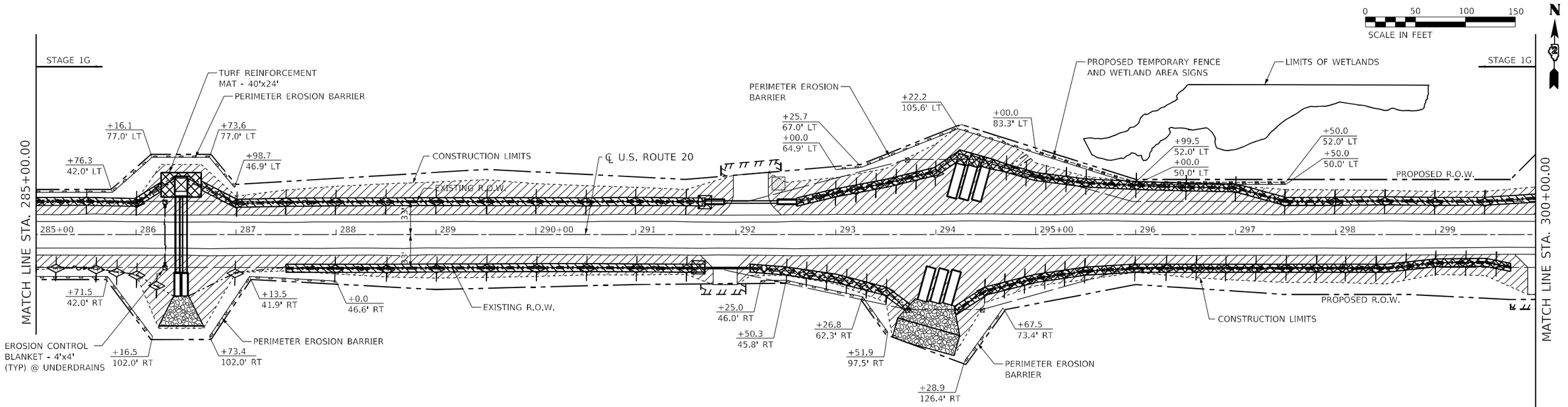
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGES 1, 2 & 3
EROSION & SEDIMENT CONTROL PLANS

SCALE: 100.0000 ' / in. SHEET 5 OF 8 SHEETS STA. 255+00.00 TO STA. 285+00.00

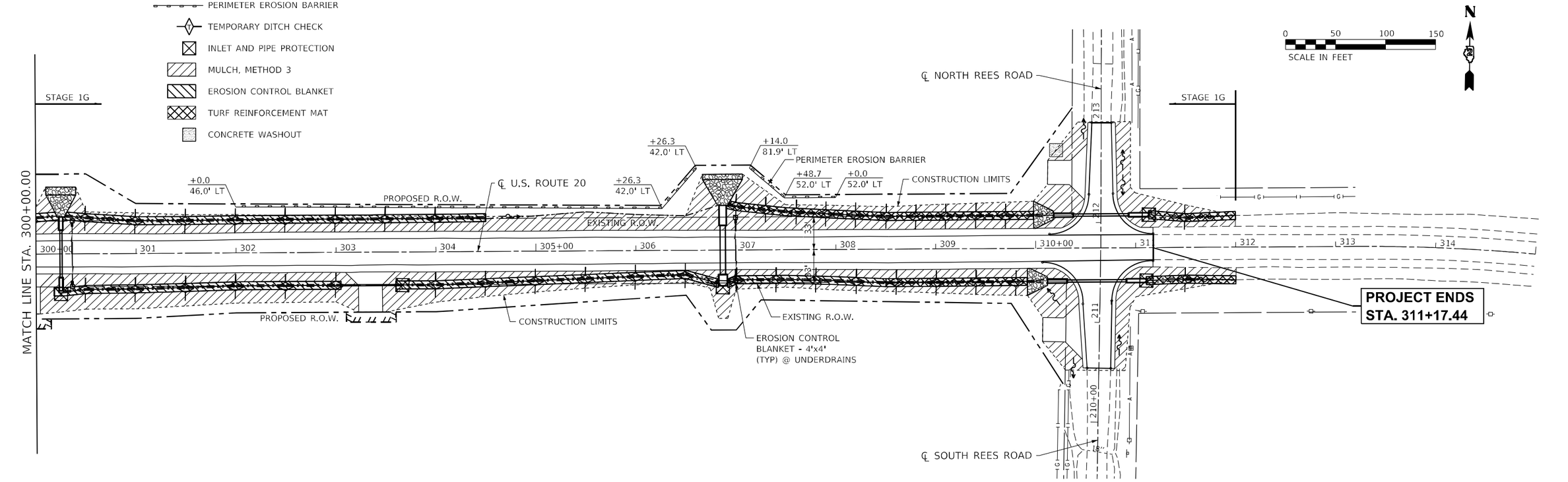
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	95
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087



EROSION LEGEND

- DIRECTION OF FLOW
- TEMPORARY FENCE
- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECK
- INLET AND PIPE PROTECTION
- MULCH, METHOD 3
- EROSION CONTROL BLANKET
- TURF REINFORCEMENT MAT
- CONCRETE WASHOUT



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PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 1G
EROSION & SEDIMENT CONTROL PLANS

SCALE: 100.0000 ' / in. SHEET 6 OF 8 SHEETS STA. 285+00.00 TO STA. 315+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	96
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

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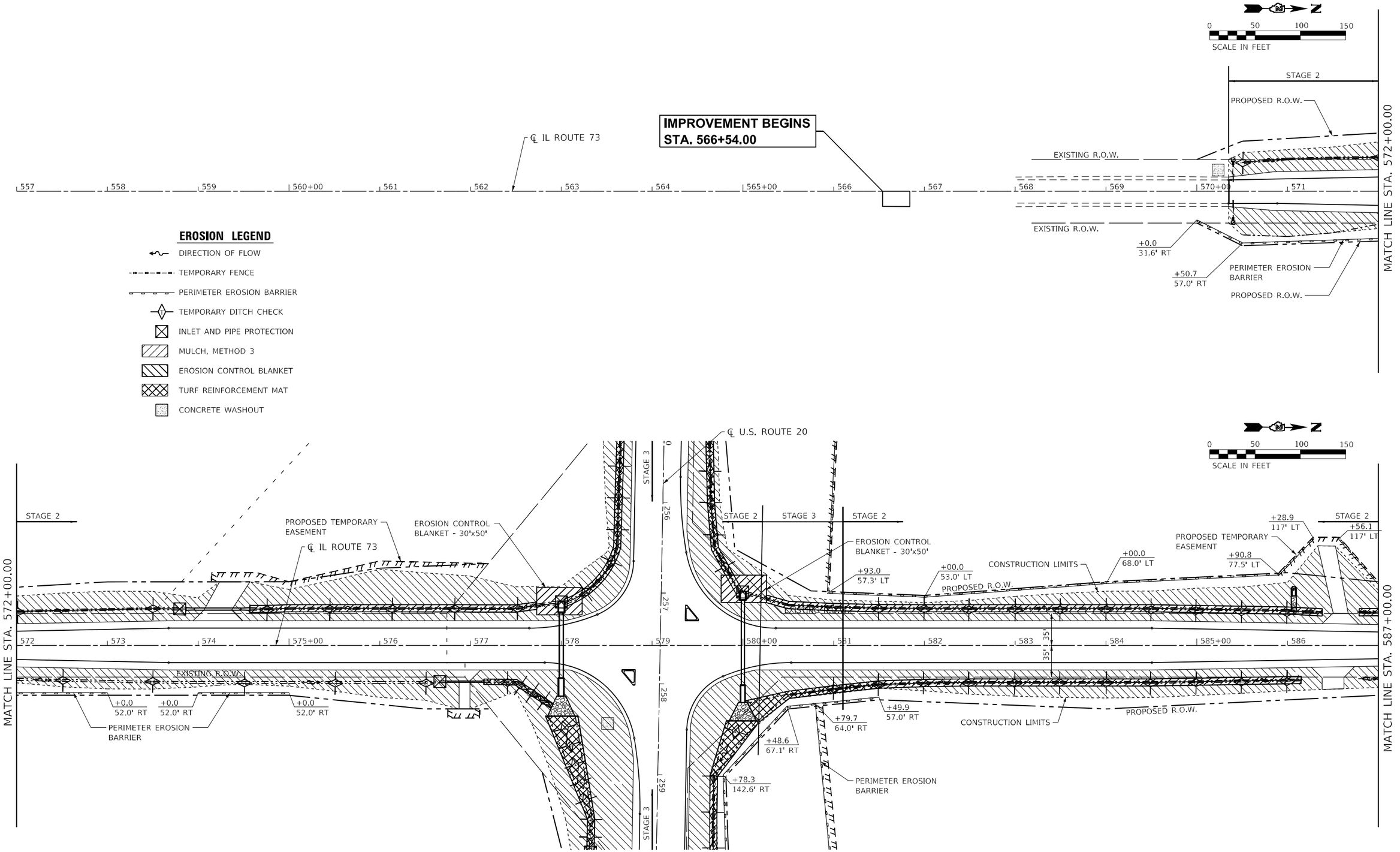

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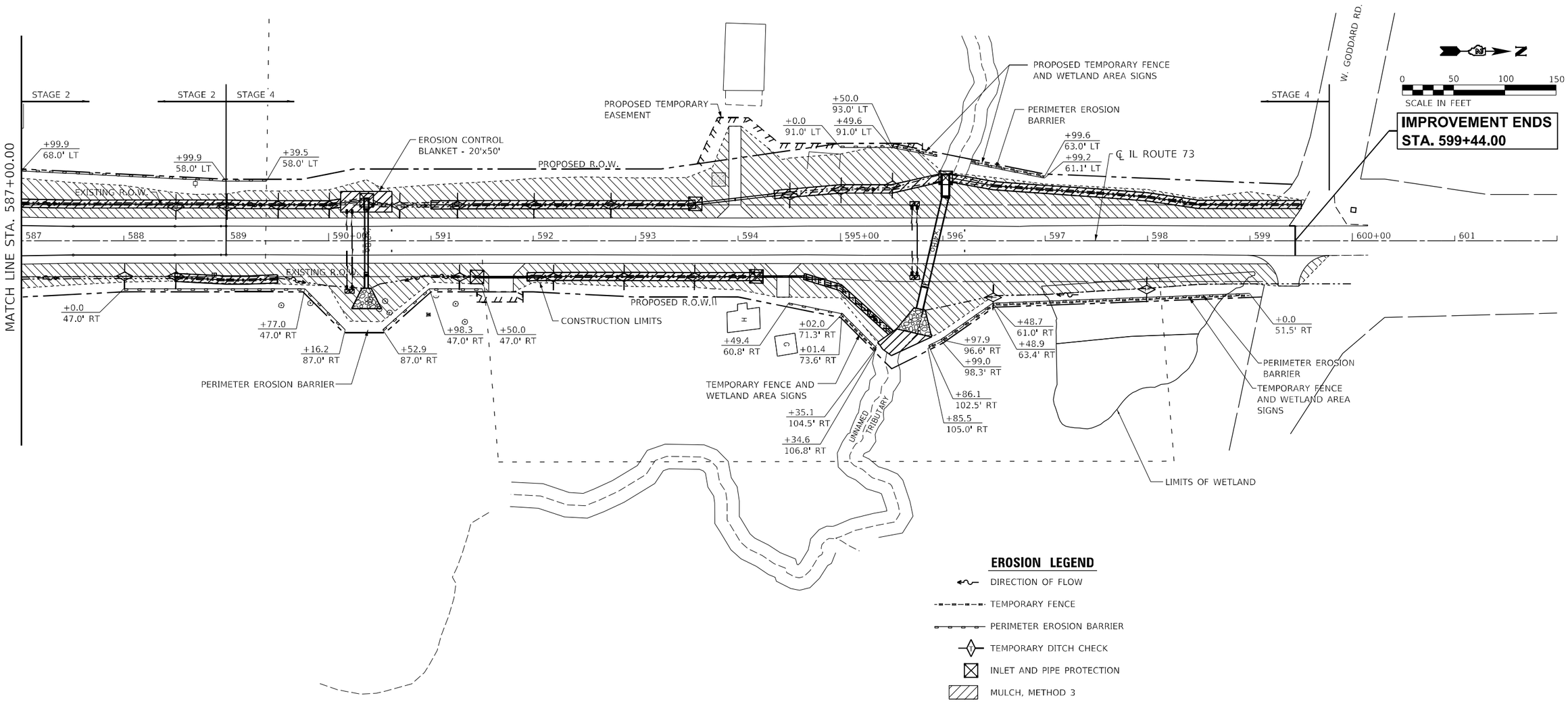
	TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -		
	PLOT SCALE = 100.0000 ' / in.	CHECKED - SJF	REVISED -		
	PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -		SCALE: 100.0000 ' / in. SHEET 7 OF 8 SHEETS STA. 557+00.00 TO STA. 587+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	97
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087



EROSION LEGEND

- DIRECTION OF FLOW
- TEMPORARY FENCE
- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECK
- INLET AND PIPE PROTECTION
- MULCH, METHOD 3
- EROSION CONTROL BLANKET
- TURF REINFORCEMENT MAT
- CONCRETE WASHOUT

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TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGES 2 & 4
EROSION & SEDIMENT CONTROL PLANS

SCALE: 100.0000 ' / in. SHEET 8 OF 8 SHEETS STA. 557+00.00 TO STA. 587+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	98
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

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PLAN

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PLOTTED
ALIGNMENT CHECKED
R.O.W. CHECKED
CADD FILE NAME

NOTE BOOK
NO.

BY

DATE

PROFILE

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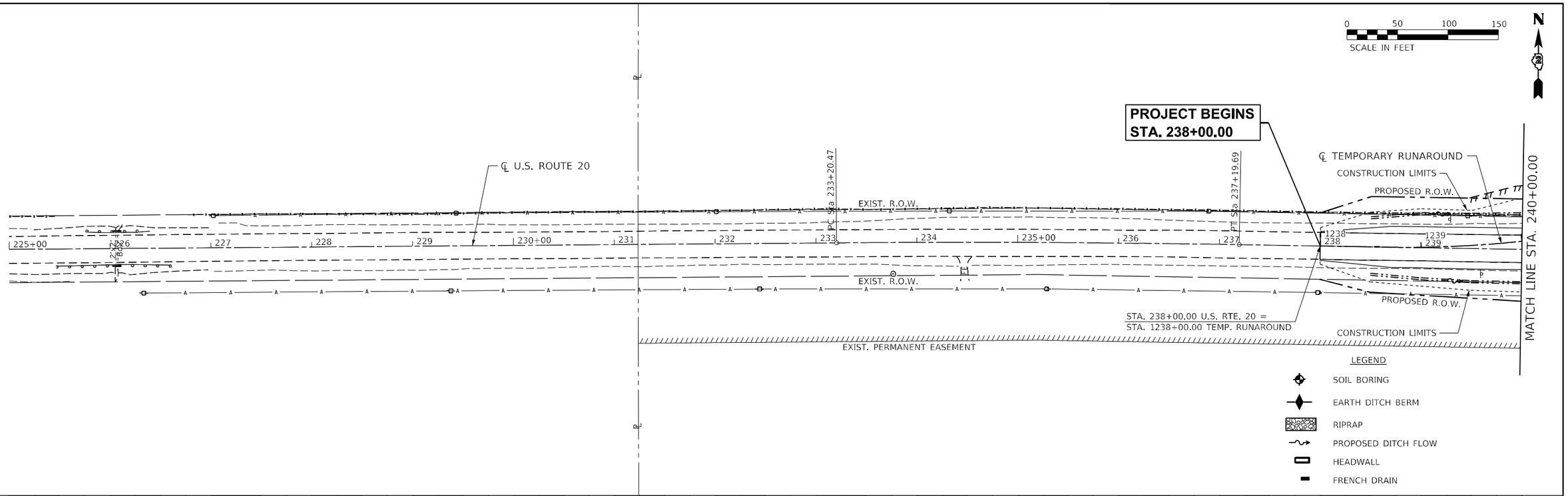
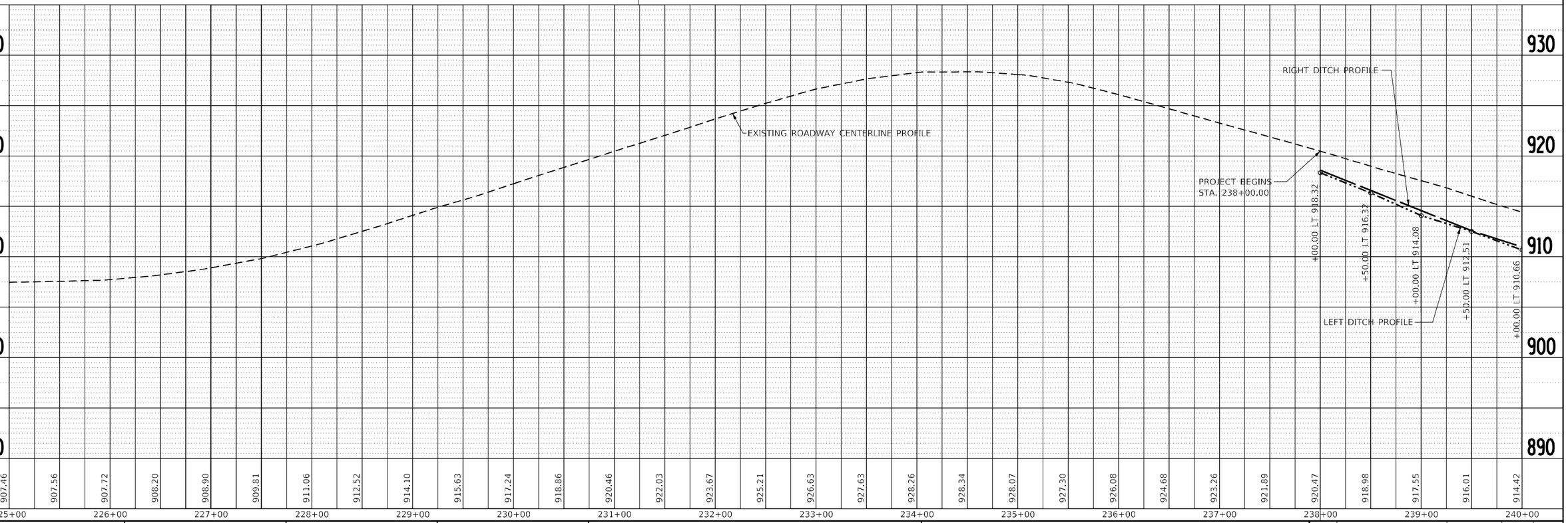
GRADES CHECKED
E.M. NOTED
STRUCTURE NOTATIONS CHKD

NOTE BOOK
NO.

BY

DATE





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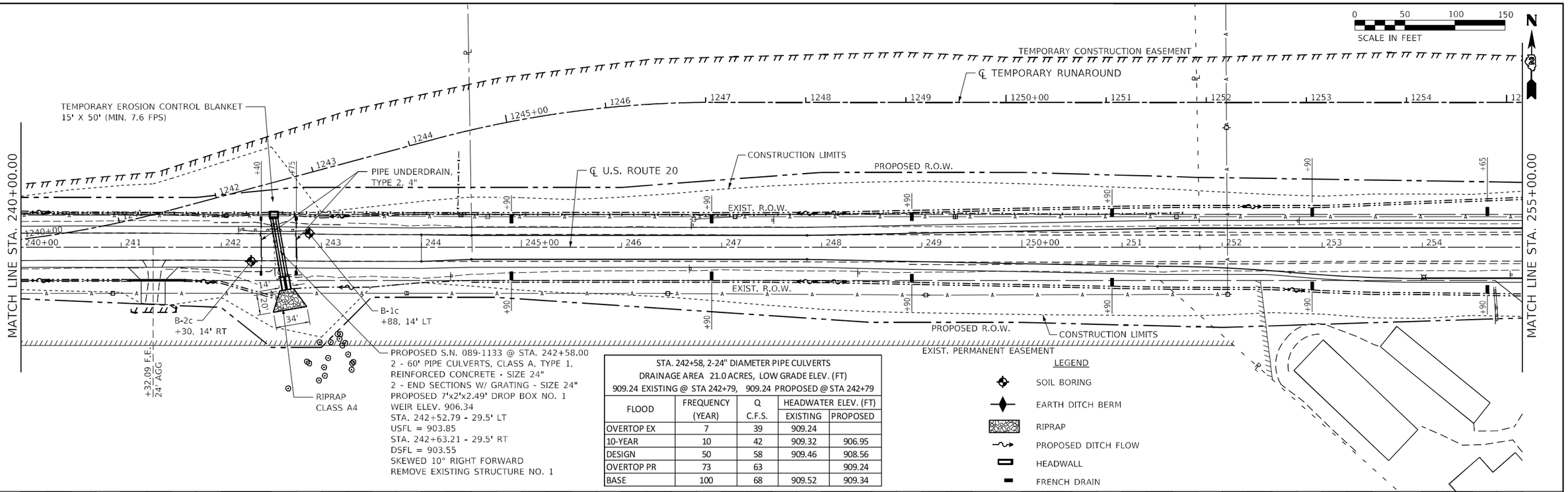
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
DRAINAGE PLAN AND PROFILE

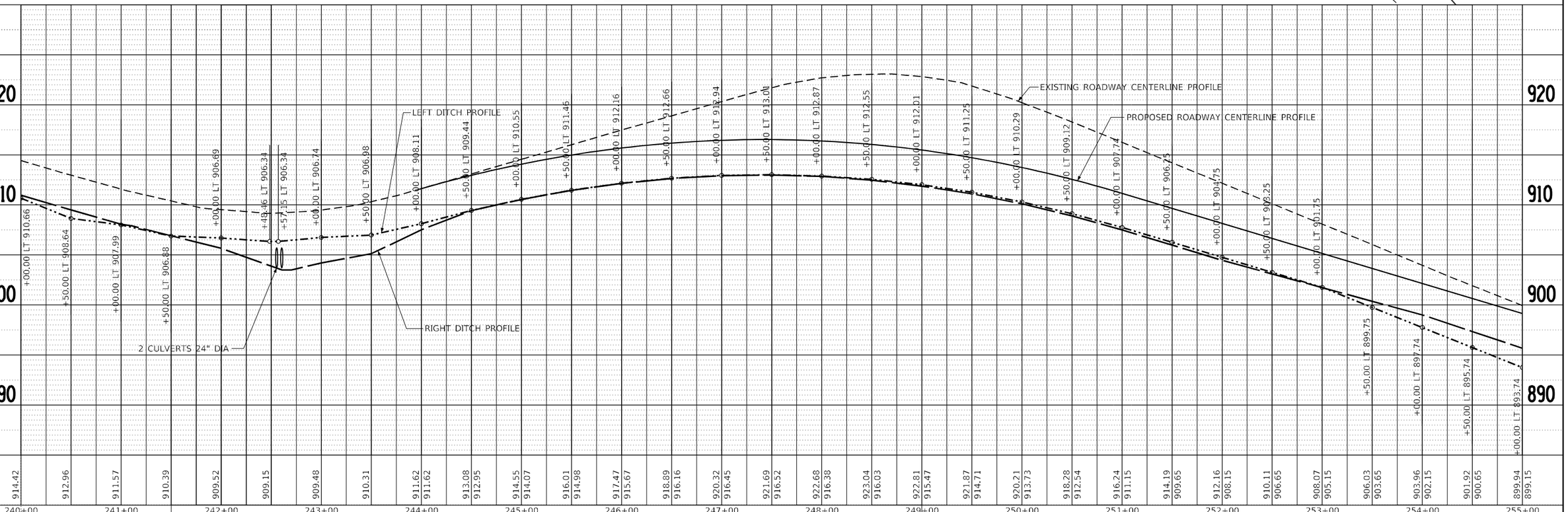
SCALE: 100.0000 ' / in. SHEET 1 OF 10 SHEETS STA. 225+00.00 TO STA. 240+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	99
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087



STA. 242+58, 2-24" DIAMETER PIPE CULVERTS DRAINAGE AREA 21.0 ACRES, LOW GRADE ELEV. (FT) 909.24 EXISTING @ STA 242+79, 909.24 PROPOSED @ STA 242+79				
FLOOD	FREQUENCY (YEAR)	Q C.F.S.	HEADWATER ELEV. (FT) EXISTING	PROPOSED
OVERTOP EX	7	39	909.24	
10-YEAR	10	42	909.32	906.95
DESIGN	50	58	909.46	908.56
OVERTOP PR	73	63		909.24
BASE	100	68	909.52	909.34



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PROFILE — SURVEYED; PLOTTED; GRADES CHECKED; D.M. NOTED; STRUCTURE NOTATIONS CHKD; NOTE BOOK; NO.; BY; DATE

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PLOT SCALE = 100.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -

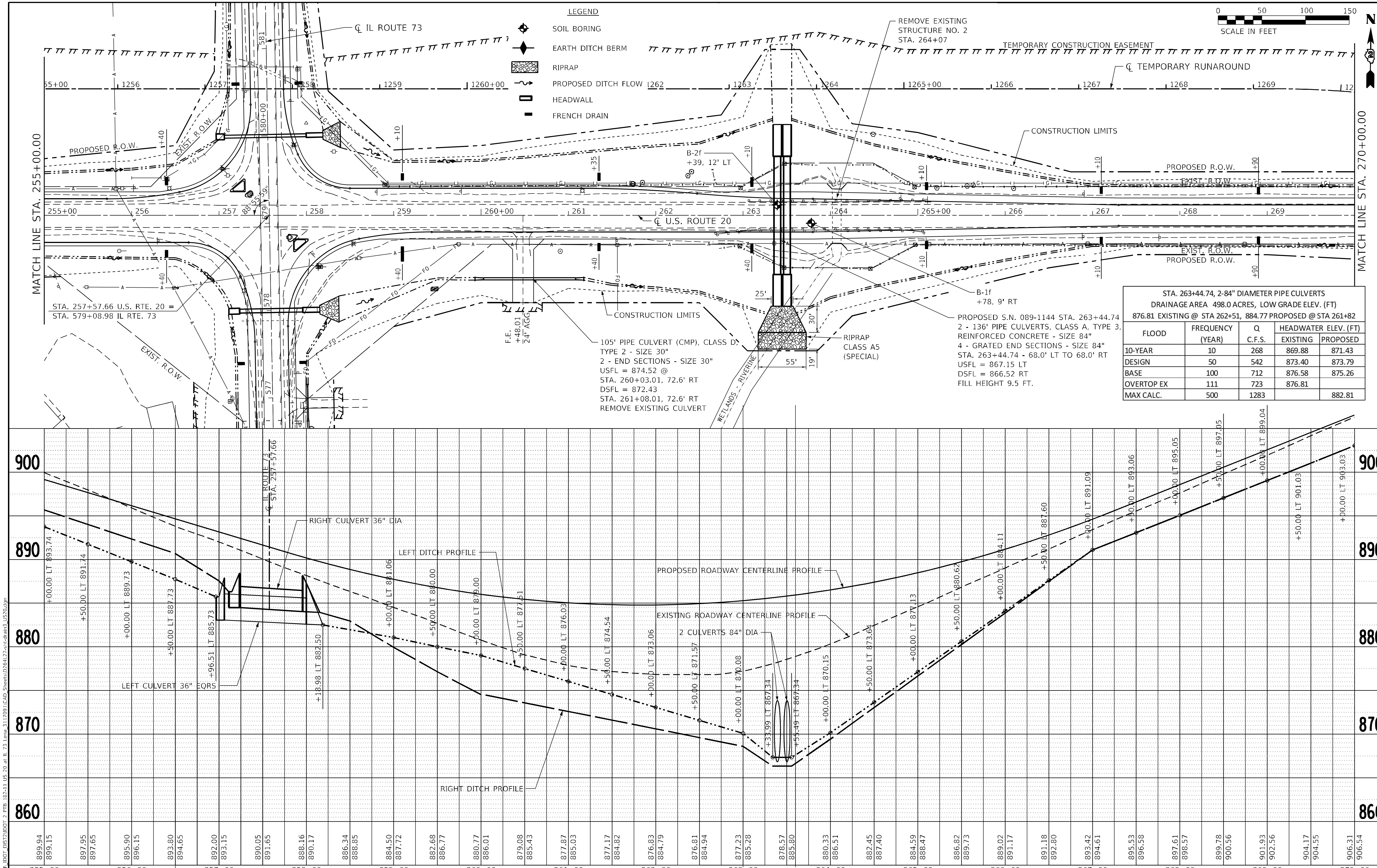
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
DRAINAGE PLAN AND PROFILE

SCALE: 100.0000 ' / in. SHEET 2 OF 10 SHEETS STA. 240+00.00 TO STA. 255+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	100
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087



STA. 263+44.74, 2-84" DIAMETER PIPE CULVERTS
DRAINAGE AREA 498.0 ACRES, LOW GRADE ELEV. (FT)
876.81 EXISTING @ STA 262+51, 884.77 PROPOSED @ STA 261+82

FLOOD	FREQUENCY (YEAR)	Q C.F.S.	HEADWATER ELEV. (FT) EXISTING	HEADWATER ELEV. (FT) PROPOSED
10-YEAR	10	268	869.88	871.43
DESIGN	50	542	873.40	873.79
BASE	100	712	876.58	875.26
OVERTOP EX	111	723	876.81	
MAX CALC.	500	1283		882.81

PLAN — NOTE BOOK NO. — SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME — BY — DATE

PROFILE — NOTE BOOK NO. — SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTAT'NS CH'KD — BY — DATE

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PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -	

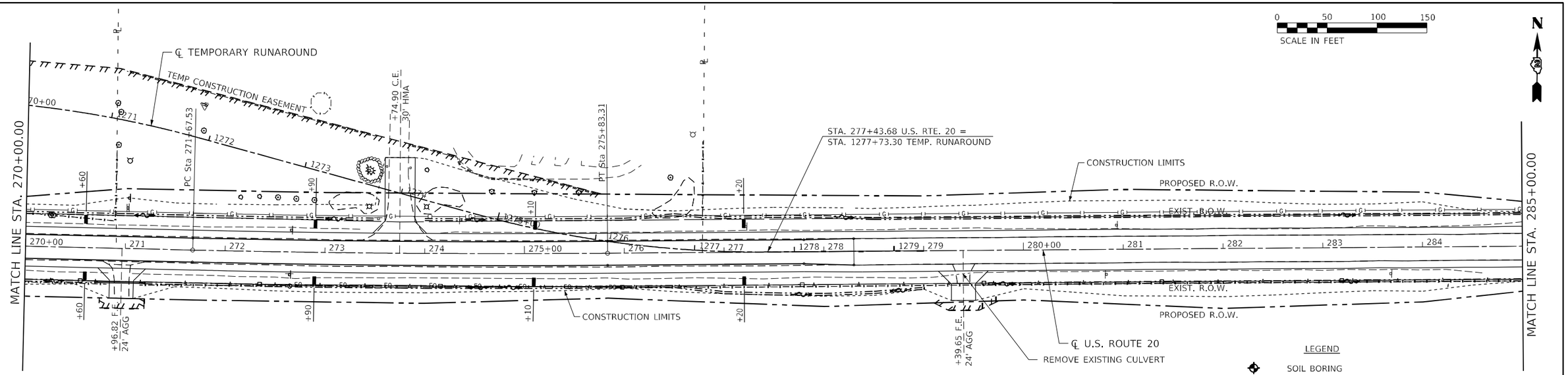
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

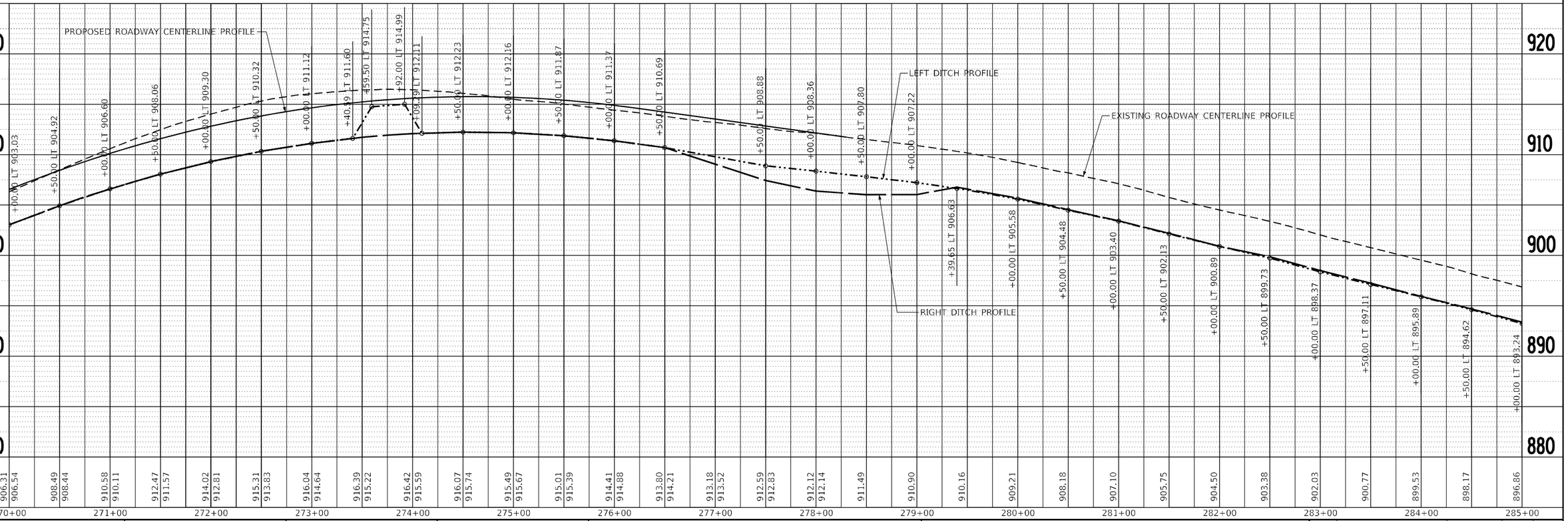
U.S. ROUTE 20
DRAINAGE PLAN AND PROFILE

SCALE: 100.0000 ' / in. SHEET 3 OF 10 SHEETS STA. 255+00.00 TO STA. 270+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	101
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087





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USER NAME = Sta42	DESIGNED - SJF	REVISED -
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
DRAINAGE PLAN AND PROFILE

SCALE: 100.0000 ' / in. SHEET 4 OF 10 SHEETS STA. 270+00.00 TO STA. 285+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	102
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

STA. 286+44, 2-48" DIAMETER PIPE CULVERTS DRAINAGE AREA 23.8 ACRES, LOW GRADE ELEV. (FT) 890.77 EXISTING @ STA 286+61, 891.34 PROPOSED @ STA 286+70				
FLOOD	FREQUENCY (YEAR)	Q C.F.S.	HEADWATER ELEV. (FT) EXISTING	PROPOSED
OVERTOP EX	1	28	890.77	
10-YEAR	10	49	891.49	888.26
DESIGN	50	68	891.84	888.70
BASE	100	79	892.04	888.93
PR MAX CALC	500	110		889.55

LEGEND

- SOIL BORING
- EARTH DITCH BERM
- RIPRAP
- PROPOSED DITCH FLOW
- HEADWALL
- FRENCH DRAIN

SCALE IN FEET 0 50 100 150

N

MATCH LINE STA. 285+00.00

MATCH LINE STA. 300+00.00

PIPE UNDERDRAINS, TYPE 2, 4"

B-2g +62, 24' LT. EARTH DITCH BERM STA 286+76 T/ELEV. 891.34

℄ U.S. ROUTE 20

CONSTRUCTION LIMITS

PROPOSED R.O.W.

EXIST. R.O.W.

+15.02 C.E. 35.0' HMA

285+00 286 287 288 289 290+00 291 292 293 294 295+00 296 297 298 299

B-1g +28, 9' RT

RIPRAP CLASS 5A, (SPECIAL)

PROPOSED S.N. 089-1134 STA. 286+44.00
2 - 77' PIPE CULVERTS, CLASS A, TYPE 1, REINFORCED CONCRETE - SIZE 48"
GRATED 12'x4'x1.4' DROP BOX NO. 2 - USFL
WEIR ELEV. 887.49
2 END SECTIONS WITH GRATES - SIZE 48"
STA. 286+44.00 - 38.5' LT TO 38.5' RT
USFL = 886.09
DSFL = 885.82
REMOVE EXISTING STRUCTURE NO. 3

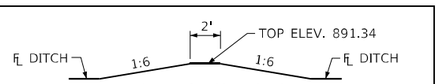
+89.29 F.E. 24" AGG

RIPRAP CLASS 5A (SPECIAL)

EXISTING S.N. 089-1076, S.N. 089-1203, S.N. 089-1204
6 - END SECTIONS, W/ GRATING - SIZE 78"
STA. 294+17.94
USFL = MATCH EXISTING
DSFL = MATCH EXISTING
6 - CONCRETE COLLAR CONNECTIONS

+98.03 F.E. 12" HMA

EARTH DITCH BERM
STA. 286+76



2 CULVERTS 48" DIA

3 EXISTING CULVERTS 78" DIA

EXISTING ROADWAY CENTERLINE PROFILE

LEFT DITCH PROFILE

RIGHT DITCH PROFILE

+00.00 LT 893.24 +50.00 LT 891.90 +00.00 LT 890.89 +38.43 LT 887.49 +51.76 LT 887.49 +77.00 LT 891.34 +89.53 LT 889.25 +50.00 LT 887.57 +00.00 LT 886.26 +50.00 LT 885.03 +00.00 LT 883.80 +50.00 LT 882.66 +00.00 LT 881.40 +50.00 LT 880.20 +00.00 LT 879.06 +50.00 LT 878.20 +88.02 LT 877.31 +42.02 LT 876.82 +54.20 LT 876.69 +00.00 LT 874.42 +50.00 LT 871.94 +00.00 LT 869.03 +20.13 LT 867.86 +54.61 LT 867.86 +00.00 LT 871.05 +50.00 LT 873.42 +00.00 LT 874.78 +50.00 LT 876.29 +00.00 LT 878.47 +00.00 LT 882.86 +00.00 LT 884.28 +50.00 LT 885.79 +00.00 LT 887.18 +50.00 LT 888.54 +98.03 LT 889.09

890 880 870 860

896.86 895.58 894.32 893.14 892.09 890.96 889.76 888.63 887.42 886.17 884.92 883.74 882.56 881.71 881.04 880.49 880.20 880.13 880.18 880.46 880.96 881.63 882.42 883.52 884.89 886.36 887.88 889.36 890.81 892.22 893.53

285+00 286+00 287+00 288+00 289+00 290+00 291+00 292+00 293+00 294+00 295+00 296+00 297+00 298+00 299+00 300+00

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TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
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PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

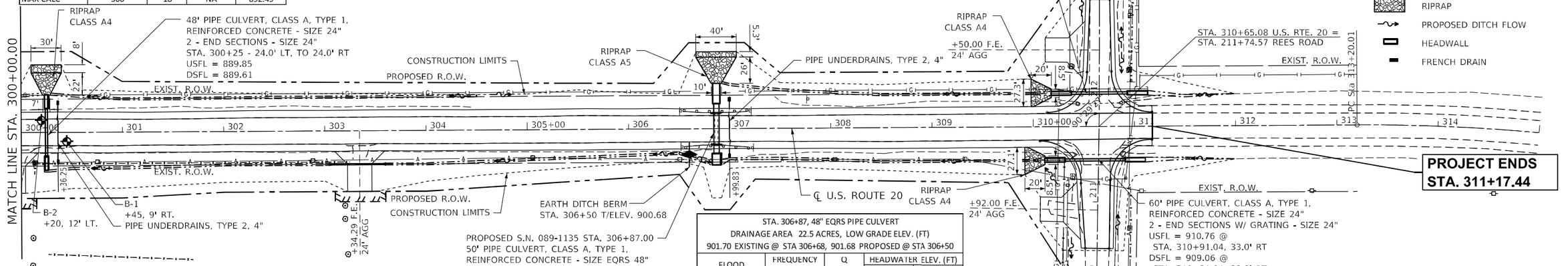
U.S. ROUTE 20
DRAINAGE PLAN AND PROFILE

SCALE: 100.0000 ' / in. SHEET 5 OF 10 SHEETS STA. 285+00.00 TO STA. 300+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	103
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

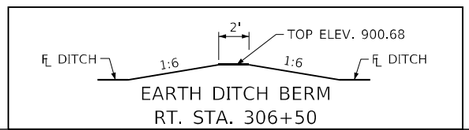
* FAP 301, FAP 654, FAS 1087

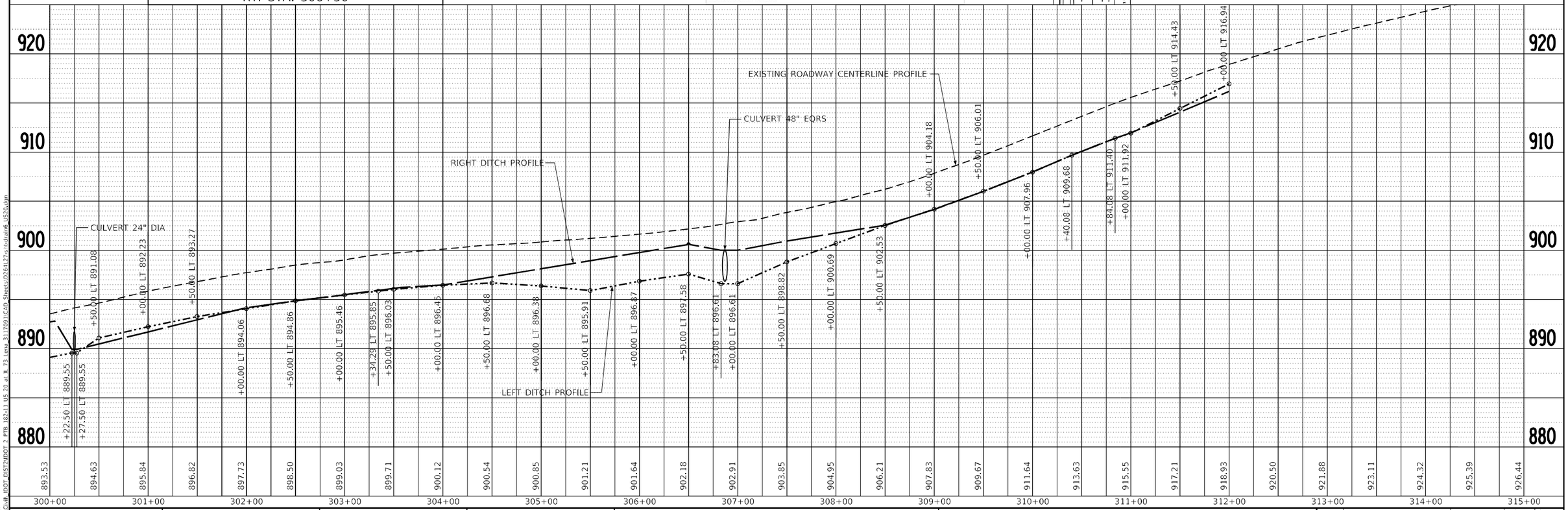
STA. 300+25, 24" DIAMETER PIPE CULVERT DRAINAGE AREA 3.0 ACRES, LOW GRADE ELEV. (FT) N/A EXISTING 892.80, PROPOSED @ STA 300+00				
FLOOD	FREQUENCY (YEAR)	Q C.F.S.	HEADWATER ELEV. (FT) EXISTING	PROPOSED
10-YEAR	10	8	NA	891.33
DESIGN	50	11	NA	891.66
BASE	100	13	NA	891.87
MAX CALC	500	18	NA	892.49



STA. 306+87, 48" EQRS PIPE CULVERT DRAINAGE AREA 22.5 ACRES, LOW GRADE ELEV. (FT) 901.70 EXISTING @ STA 306+68, 901.68 PROPOSED @ STA 306+50				
FLOOD	FREQUENCY (YEAR)	Q C.F.S.	HEADWATER ELEV. (FT) EXISTING	PROPOSED
OVERTOP EX	6	47	901.70	
10-YEAR	10	52	902.55	900.98*
DESIGN	50	74	902.55	900.52
BASE	100	86	902.74	900.91
OVERTOP PR	304	109		901.68
MAX CALC EX	500	121	903.17	

* DROP BOX IS IN WEIR FLOW AT 10 YEAR EVENT. ALL OTHERS ARE SUBMERGED WEIR





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The Upchurch Group architects engineers surveyors Professional Design Firm Corporation License No. 184-003401 123 North 15th Street, Mattoon, IL 61938 Phone: 217.235.3177 e-mail: upchurchgroup@upchurchgroup.com			
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TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
DRAINAGE PLAN AND PROFILE

SCALE: 100.0000 ' / in. SHEET 6 OF 10 SHEETS STA. 300+00.00 TO STA. 315+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	104
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087

PLAN	DATE	BY
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NOTE BOOK		
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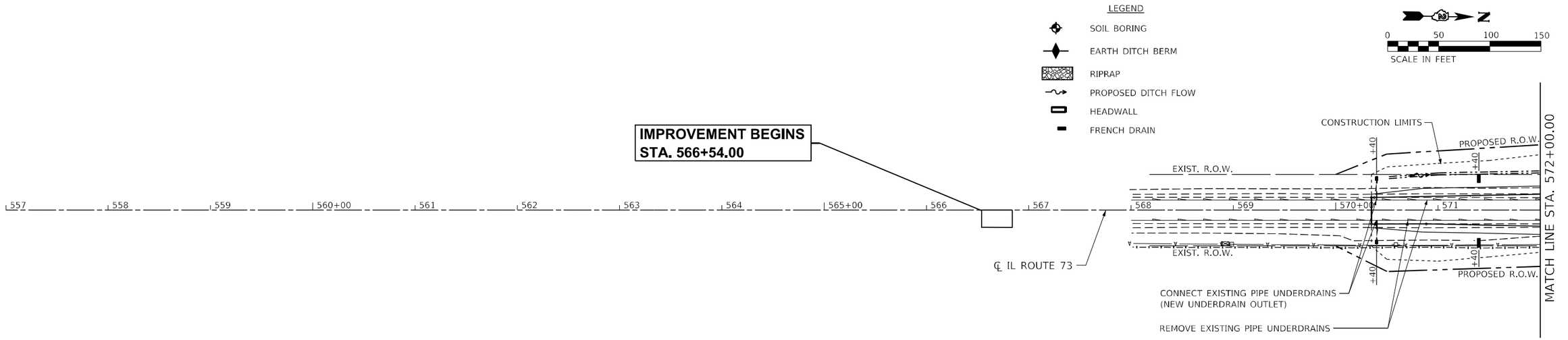

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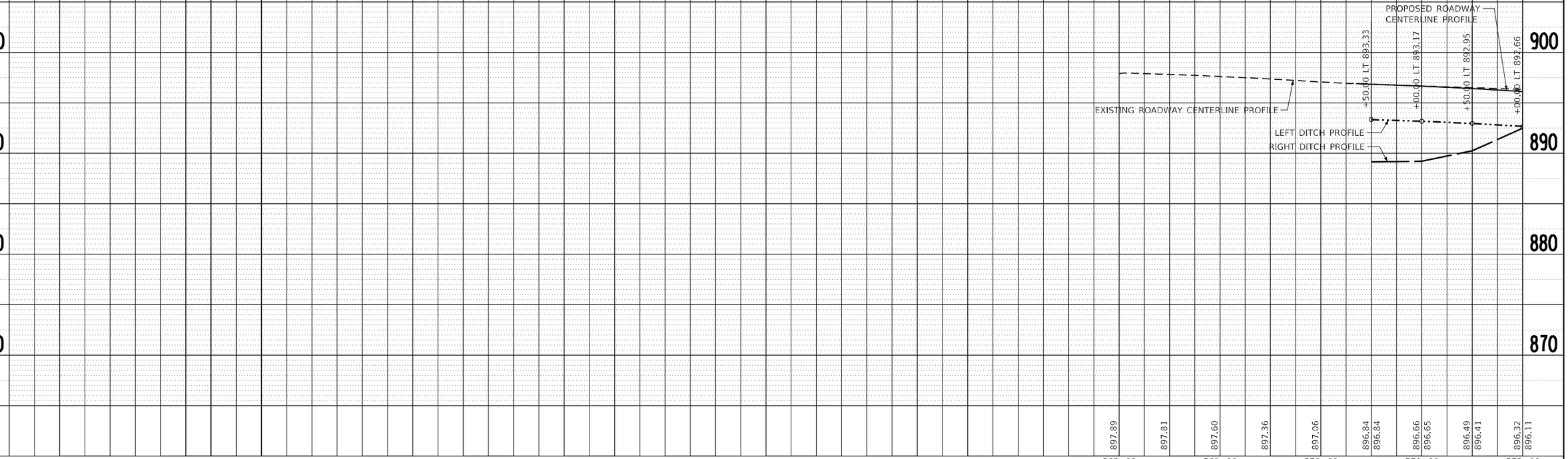

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123 North 15th Street Mattoon, IL 61938 Phone: 217.235.3177 e-mail: upchurchgroup@upchurchgroup.com	PLOT SCALE = 100.0000 ' / in.	CHECKED - SJF	REVISED -
	PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 73
DRAINAGE PLAN AND PROFILE

SCALE: 100.0000 ' / in. SHEET 7 OF 10 SHEETS STA. 557+00.00 TO STA. 572+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	105
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

51' PIPE CULVERT (CMP), CLASS D,
TYPE 1 - SIZE EQRS 30"
2 - END SECTIONS W/ GRATING - SIZE EQRS 30"
USFL = 891.01 @
STA. 573+96.14, 40.0' LT
DSFL = 890.45 @
STA. 574+47.14, 40.0' LT
REMOVE EXISTING CULVERT

MATCH LINE STA. 572+00.00

MATCH LINE STA. 587+00.00

PROPOSED R.O.W.

EXIST. R.O.W.

REMOVE EXISTING CULVERT

REMOVE EXISTING STRUCTURE NO. 5

REMOVE EXISTING PIPE UNDERDRAINS

CONSTRUCTION LIMITS

+21.64 C.F. 30.33" HMA

+93.36 P.E. 12" HMA

B-1a +96, 44' RT.

B-2a +91, 36' LT.

B-2d +36, 89' RT.

B-1d +70, 56' LT.

B-2b +68, 24' LT.

B-1b +13, 19' RT.

73' PIPE CULVERT, CLASS A, TYPE 1,
REINFORCED CONCRETE - SIZE EQRS 36"
1 - END SECTION W/ GRATING - SIZE EQRS 36"
PROPOSED 6'x3'x1.8' DROP BOX NO. 4
WEIR ELEV. 886.30
STA. 578+00 - 36.5' LT TO 36.5' RT
USFL = 884.49
DSFL = 884.04

RIPRAP CLASS A4

℄ U.S. RTE. 20

94.5' PIPE CULVERT, CLASS A, TYPE 1,
REINFORCED CONCRETE, - SIZE 36"
1 - END SECTION W/ GRATING - SIZE 36"
PROPOSED 3'x6'x2.67' DROP BOX NO. 5
WEIR ELEV. 885.73
STA. 580+00.00 - 50.1' LT
USFL = 883.06
STA. 580+00.00 - 44.4' RT
DSFL = 882.59
REMOVE EXISTING STRUCTURE NO. 6

℄ TEMPORARY RUNAROUND

STA. 257+57.66 U.S. RTE. 20 =
STA. 579+08.98 IL RTE. 73

℄ IL ROUTE 73

DISTRICT STANDARD 28.4
CAST-IN-PLACE REINFORCED
CONCRETE END SECTION 12"
STONE DUMPED RIPRAP CLASS A3

+58.63 C.F. 16.2" HMA

CONSTRUCTION LIMITS

LEGEND

- SOIL BORING
- EARTH DITCH BERM
- RIPRAP
- PROPOSED DITCH FLOW
- HEADWALL
- FRENCH DRAIN

SCALE IN FEET 0 50 100 150

STA. 578+00, 36" EQRS PIPE CULVERT
DRAINAGE AREA EXISTING 11.8 ACRES, PROPOSED 17.0 ACRES, LOW GRADE ELEV. (FT)
890.00 EXISTING @ STA 578+45, 889.50 PROPOSED @ STA 578+32

FLOOD	FREQUENCY (YEAR)	DISCHARGE CFS		HEADWATER ELEV. (FT)	
		EXISTING	PROPOSED	EXISTING	PROPOSED
OVERTOP EX	1	15		890.00	
10-YEAR	10	26	39	890.16	887.22
DESIGN	50	36	55	890.25	888.31
BASE	100	41	64	890.44	889.08
OVERTOP PR	137		68		889.50

STA. 580+00, 36" DIAMETER PIPE CULVERT
DRAINAGE AREA 18.9 ACRES, LOW GRADE ELEV. (FT)
889.53 EXISTING @ STA 580+18, 889.53 PROPOSED @ STA 580+18

FLOOD	FREQUENCY (YEAR)	Q C.F.S.	HEADWATER ELEV. (FT)	
			EXISTING	PROPOSED
10-YEAR	10	36	888.26	887.30
OVERTOP EX	43	49	889.53	
DESIGN	50	51	889.63	888.34
BASE	100	58	889.76	889.05
OVERTOP PR	147	63		889.53

PROFILE

LEFT DITCH PROFILE

PROPOSED ROADWAY CENTERLINE PROFILE

EXISTING ROADWAY CENTERLINE PROFILE

RIGHT DITCH PROFILE

SEE US 20 FOR CONTINUATION OF DITCHS

CULVERT 36" EQRS

CULVERT 36" DIA

℄ U.S. ROUTE 20 ℄ STA. 579+08.98

SEE US 20

+00.00 LT 892.66 | +50.00 LT 892.33 | +00.00 LT 891.94 | +50.00 LT 891.50 | +96.42 LT 891.01 | +47.14 LT 890.45 | +50.00 LT 890.43 | +00.00 LT 889.81 | +50.00 LT 889.14 | +00.00 LT 888.42 | +50.00 LT 887.80 | +93.86 LT 887.45 | +00.00 LT 887.40 | +50.00 LT 887.21 | +96.33 LT 886.30 | +03.67 LT 886.30 | +50.00 LT 889.21 | +38.00 LT 887.73 | +96.33 LT 885.73 | +03.67 LT 885.73 | +50.00 LT 886.53 | +00.00 LT 888.94 | +50.00 LT 889.99 | +00.00 LT 891.30 | +50.00 LT 892.78 | +00.00 LT 894.23 | +50.00 LT 895.49 | +00.00 LT 896.52 | +50.00 LT 897.33 | +00.00 LT 897.93 | +50.00 LT 898.32 | +00.00 LT 898.49

RIGHT DITCH ELEVS

LEFT DITCH ELEVS

572+00	573+00	574+00	575+00	576+00	577+00	578+00	579+00	580+00	581+00	582+00	583+00	584+00	585+00	586+00	587+00
896.32 / 896.11	896.14 / 895.76	895.77 / 895.36	895.43 / 894.90	895.10 / 894.39	894.65 / 893.82	894.07 / 893.21	893.47 / 892.53	892.87 / 891.81	892.27 / 891.17	891.65 / 890.74	890.94 / 890.53	890.36 / 890.53	889.88 / 890.74	889.62	889.62 / 891.13	889.58 / 890.84	889.40 / 890.81	890.03 / 891.05	891.00 / 891.56	892.08 / 892.33	893.43 / 893.37	895.27 / 894.68	897.32 / 896.17	899.23 / 897.62	900.92 / 898.88	902.12 / 899.92	902.93 / 900.75	903.53 / 901.37	903.63 / 901.77	903.36 / 901.96

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 73
DRAINAGE PLAN AND PROFILE

SCALE: 100.0000 ' / in. SHEET 8 OF 10 SHEETS STA. 572+00.00 TO STA. 587+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	106
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

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SURVEYED
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ASSIGNMENT CHECKED
R.O. WAY CHECKED
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QUANTITIES CHECKED
E.M. NOTED
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STA. 590+37, 3' x 2' BOX CULVERT DRAINAGE AREA 9.2 ACRES, LOW GRADE ELEV. (FT) 897.65 EXISTING @ STA 590+40, 896.50 PROPOSED @ STA 590+67				
FLOOD	FREQUENCY (YEAR)	Q C.F.S.	HEADWATER ELEV. (FT) EXISTING	PROPOSED
10-YEAR	10	17	896.50	894.94
DESIGN	50	24	896.70	895.22
BASE	100	27	896.95	895.50
OVERTOP EX	423	36	897.74	
OVERTOP PR	500	37		895.75

PROPOSED S.N. 089-1140 STA. 590+37.00
62' PRECAST CONCRETE BOX CULVERT 3' x 2'
1 - PRECAST CONCRETE END SECTION 3' x 2'
PROPOSED 3'x3.67'x1.71' DROP BOX NO. 6
WEIR ELEV. 894.21
STA. 590+37 - 31.0' LT TO 31.0' RT
USFL = 892.50
DSFL = 892.16
FILL HEIGHT = 3.0 FT.
REMOVE EXISTING STRUCTURE NO. 7

B-1c +22.5, 9.5' LT.

CONNECT EXISTING PIPE UNDERDRAINS (NEW UNDERDRAIN OUTLETS)

EARTH DITCH BERM STA. 590+67 T/ELEV. 897.65

PROPOSED R.O.W.

CONSTRUCTION LIMITS

EXIST. R.O.W.

64' PIPE CULVERT (CMP), CLASS D, TYPE 1 - SIZE 24"
2 - END SECTIONS - SIZE 24"
USFL = 890.43 @ STA. 593+64.92, 36.7' LT
DSFL = 888.36 @ STA. 594+28.92, 44.0' LT
REMOVE EXISTING CULVERT

+96.92 P.E. 12" HMA

PIPE UNDERDRAIN, TYPE 2, 4"

CONNECT EXISTING PIPE UNDERDRAINS (PLUG EXISTING PIPES)

W. GODDARD RD.

0 50 100 150
SCALE IN FEET

MATCH LINE STA. 587+00.00

587 588 589 590+00 591 592 593 594 595+00 596 597 598 599 600+00 601

REMOVE EXISTING PIPE UNDERDRAINS

PIPE UNDERDRAIN, TYPE 2, 4"

CONNECT EXISTING PIPE UNDERDRAINS (PLUG EXISTING PIPES)

+14.11 F.E. 24" AGG

RIPRAP CLASS A

B-2c +63, 14.5' RT.

+68.51 F.E. 24" AGG

EXIST. R.O.W.

PROPOSED R.O.W.

℄ IL ROUTE 73

CONNECT EXISTING PIPE UNDERDRAINS (NEW UNDERDRAIN OUTLETS)

REMOVE EXISTING CULVERT

+43.98 P.E. 12" HMA

CONSTRUCTION LIMITS

IMPROVEMENT ENDS STA. 599+44.00

+37.60 P.E. 20" HMA

PROPOSED S.N. 089-1141 @ STA. 595+92.70
88' PRECAST CONCRETE BOX CULVERT 6' x 4'
1 - PRECAST CONCRETE END SECTION 6' x 4'
PROPOSED 6'x7'x2.4' DROP BOX NO. 7
WEIR ELEV. 883.49
STA. 596+02.60 - 42.9' LT
USFL = 881.09
STA. 595+82.80 - 42.9' RT
DSFL = 880.68
SKEWED 13° LEFT FORWARD
FILL HEIGHT = 3.0 FT.
REMOVE EXISTING STRUCTURE NO. 8

RIPRAP CLASS A

LEGEND
- SOIL BORING
- EARTH DITCH BERM
- RIPRAP
- PROPOSED DITCH FLOW
- HEADWALL
- FRENCH DRAIN

STA. 595+92.70, 6' x 4' BOX CULVERT DRAINAGE AREA 84.5 ACRES, LOW GRADE ELEV. (FT) 890.75 EXISTING @ STA 599+16.6, 891.11 PROPOSED @ STA 599+40				
FLOOD	FREQUENCY (YEAR)	Q C.F.S.	HEADWATER ELEV. (FT) EXISTING	PROPOSED
10-YEAR	10	139	887.47	885.50
DESIGN	50	192	888.79	887.01
BASE	100	222	889.67	888.03
OVERTOP EX	190	254	890.75	
OVERTOP PR	393	295		891.11

EARTH DITCH BERM
LT. STA. 590+67

2' TOP ELEV. 897.65
℄ DITCH 1:6 1:10 ℄ DITCH

PROPOSED ROADWAY CENTERLINE PROFILE

EXISTING ROADWAY CENTERLINE PROFILE

RIGHT DITCH PROFILE

LEFT DITCH PROFILE

BOX CULVERT 3' x 2'

BOX CULVERT 6' x 4'

+00.00 LT 898.49 +50.00 LT 898.43 +50.00 LT 897.71 +00.00 LT 897.08 +50.00 LT 896.51 +00.00 LT 895.60 +34.50 LT 894.21 +39.50 LT 894.21 +48.16 LT 894.68 +66.00 LT 897.65 +68.00 LT 897.65 +04.75 LT 894.02 +50.00 LT 893.43 +68.22 LT 893.25 +00.00 LT 892.94 +50.00 LT 892.28 +00.00 LT 891.73 +50.00 LT 891.25 +63.62 LT 890.50 +36.62 LT 888.12 +45.32 LT 887.73 +98.44 LT 883.49 +06.77 LT 883.49 +50.00 LT 884.05 +00.00 LT 884.78 +50.00 LT 885.51 +00.00 LT 886.24 +50.00 LT 887.72 +00.00 LT 887.69

+00.00 LT 898.16

900 890 880 870

RIGHT DITCH ELEVS
903.36 901.96 902.87 901.93 902.12 901.69 901.40 901.24 900.61 900.61 899.82 899.10 898.30 897.63 896.89 896.28 895.80 895.23 894.70 894.28 893.93 893.56 893.13 892.64 892.23 892.01 891.73 891.47 891.25 891.16 891.12 891.14
LEFT DITCH ELEVS

587+00 588+00 589+00 590+00 591+00 592+00 593+00 594+00 595+00 596+00 597+00 598+00 599+00 600+00

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, R.O.W. CHECKED, CADD FILE NAME, NOTE BOOK NO., DATE, BY

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, DATA NOTED, STRUCTURE NOTATIONS CHKD

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The Upchurch Group
architects engineers surveyors
Professional Design Firm Corporation
License No. 184-003401
123 North 15th Street
Mattoon, IL 61938
Phone: 217.235.3177
e-mail: upchurchgroup@upchurchgroup.com

USER NAME = Sta42	DESIGNED - SJF	REVISED -
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 73
DRAINAGE PLAN AND PROFILE

SCALE: 100.0000 ' / in. SHEET 9 OF 10 SHEETS STA. 587+00.00 TO STA. 602+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	107
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

PLAN

SURVEYED
PLOTTED
ALIGNMENT CHECKED
R.O.W. CHECKED
CADD FILE NAME

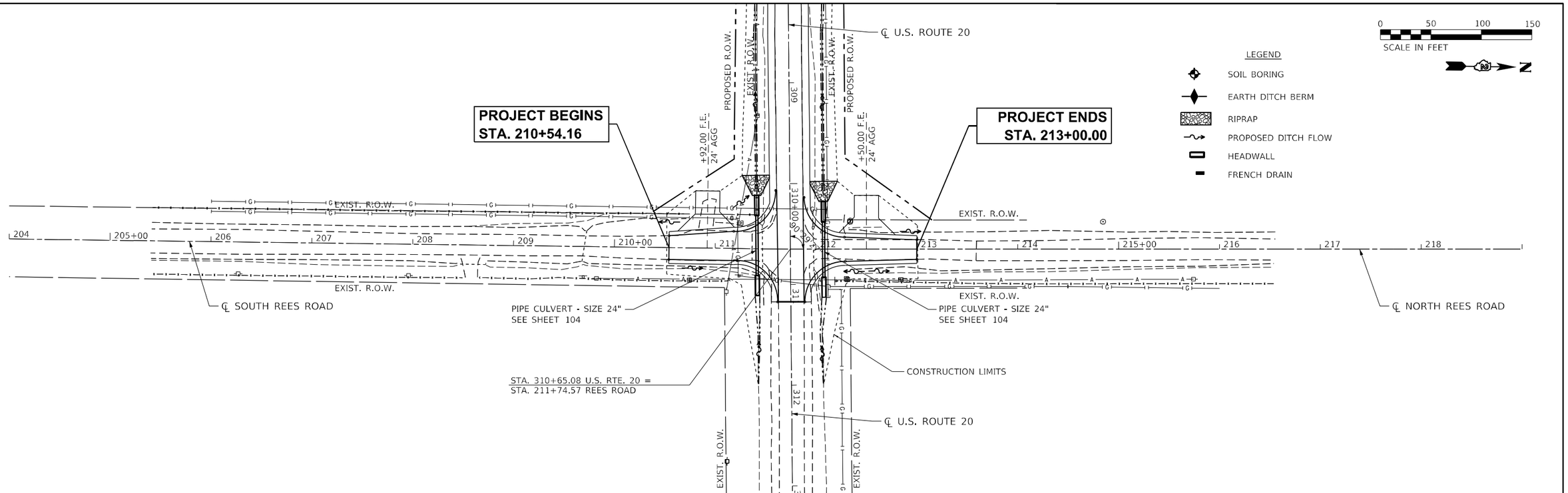
NOTE BOOK
NO.

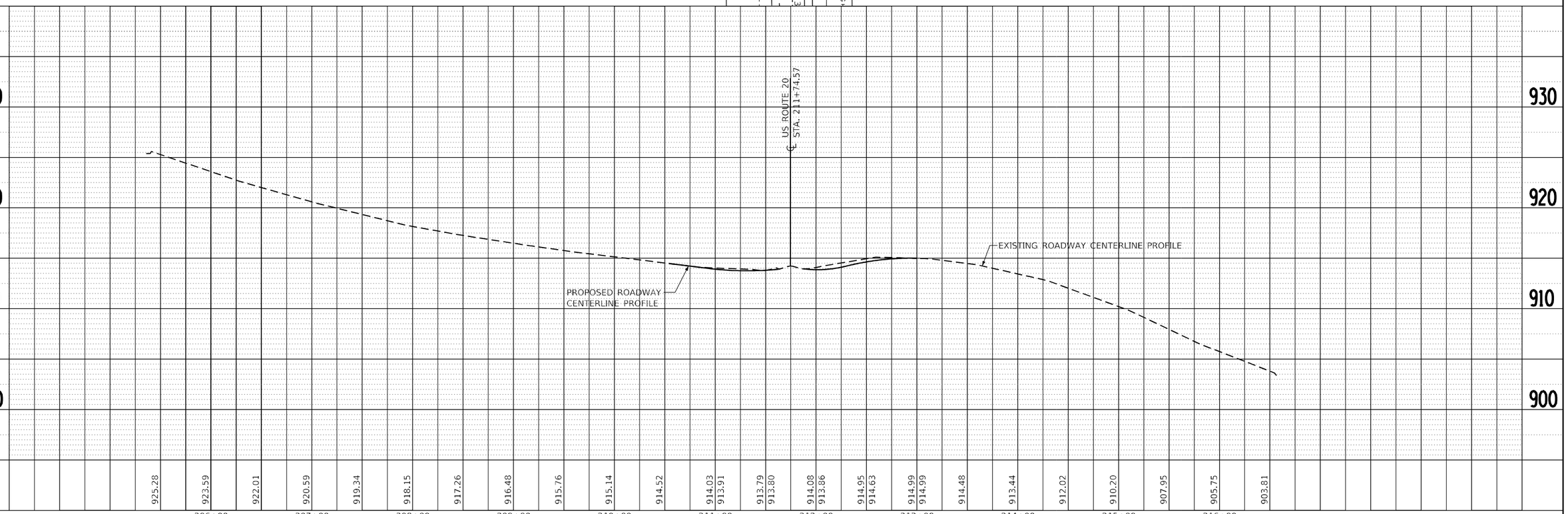
BY
DATE

PROFILE

SURVEYED
PLOTTED
GRADES CHECKED
BM: NOTED
STRUCTURE NOTATNS CHKD

NOTE BOOK
NO.





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The Upchurch Group architects engineers surveyors Professional Design Firm Corporation License No. 184-003401 123 North 15th Street Mattoon, IL 61938 Phone: 217.235.3177 e-mail: upchurchgroup@upchurchgroup.com	USER NAME = Sta42	DESIGNED - SJF	REVISED -
	TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED - SJF	REVISED -
	PLOT DATE = 9/26/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REES ROAD
DRAINAGE PLAN AND PROFILE

SCALE: 100.0000 ' / in. SHEET 10 OF 10 SHEETS STA. 204+00.00 TO STA. 219+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	108
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

LEGEND

915 FINAL CONTOUR LINES

RUNAROUND GRADING AREA

SHOWN ARE FINAL CONTOURS FOR THE TEMPORARY RUNAROUND AREA AND MATCH THE ORIGINAL GROUND ELEVATIONS PRIOR TO ADVANCE EARTHWORK CONTRACT 64U79.

0 50 100 150
SCALE IN FEET

N

TEMP. RUNAROUND BEGINS STA. 1238+00.00

PROPOSED TEMPORARY EASEMENT

℄ TEMP. RUNAROUND

PROPOSED R.O.W.

EXISTING R.O.W.

RUNAROUND CONSTRUCTION LIMITS

U.S. 20 CONSTRUCTION LIMITS

℄ U.S. ROUTE 20

EXISTING R.O.W.

PROPOSED R.O.W.

MATCH LINE STA. 1250+00.00

MATCH LINE STA. 1250+00.00

℄ IL ROUTE 73

0 50 100 150
SCALE IN FEET

N

℄ TEMP. RUNAROUND

PROPOSED TEMPORARY EASEMENT

RUNAROUND CONSTRUCTION LIMITS

PROPOSED R.O.W.

RUNAROUND CONSTRUCTION LIMITS

U.S. 20 CONSTRUCTION LIMITS

℄ U.S. ROUTE 20

EXISTING R.O.W.

EXISTING R.O.W.

Sign

Sign

MATCH LINE STA. 1265+00.00

MODEL: Default
FILE NAME: P:\Civil\ IDOT DIST\IDOT 2 PTB 182-11 US 20 at IL 73 Leng 3117091\CAD Sheets\02641L27-Intl-Grading\Plan\ TempRA.dgn

The Upchurch Group
architects engineers surveyors
Professional Design Firm Corporation License No. 184-003501
123 North 15th Street Mattoon, IL 61938
Phone: 217.235.3177
e-mail: upchurchgroup@upchurchgroup.com

USER NAME = Sta42	DESIGNED - SJF	REVISED -	
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 10/7/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GRADING PLAN
TEMPORARY RUNAROUND

SCALE: 100.0000 ' / in. SHEET 1 OF 2 SHEETS STA. 1238+00.00 TO STA. 1265+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	109
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

LEGEND

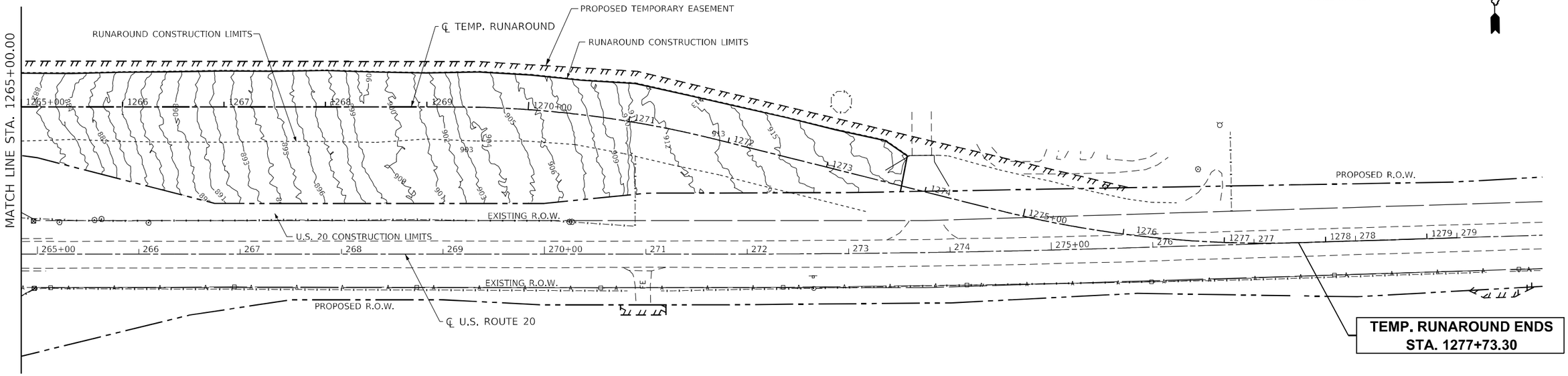
—915— FINAL CONTOUR LINES

RUNAROUND GRADING AREA

SHOWN ARE FINAL CONTOURS FOR THE TEMPORARY RUNAROUND AREA AND MATCH THE ORIGINAL GROUND ELEVATIONS PRIOR TO ADVANCE EARTHWORK CONTRACT 64U79.

0 50 100 150
SCALE IN FEET

N



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The Upchurch Group
architects engineers surveyors
Professional Design Firm Corporation License No. 184-003101
123 North 15th Street Matteson, IL 61938
Phone: 217.235.3177
e-mail: upchurchgroup@upchurchgroup.com

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TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 10/7/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GRADING PLAN
TEMPORARY RUNAROUND

SCALE: 100.0000 ' / in. SHEET 2 OF 2 SHEETS STA. 1265+00.00 TO STA. 1279+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	110
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

THIS DOCUMENT PREPARED BY AND AFTER RECORDING, RETURN TO:
ILLINOIS DEPARTMENT OF TRANSPORTATION
ATTN: BUREAU OF LAND ACQUISITION
819 DEPOT AVENUE
DIXON, IL 61021

SPACE RESERVED FOR RECORDING OFFICER

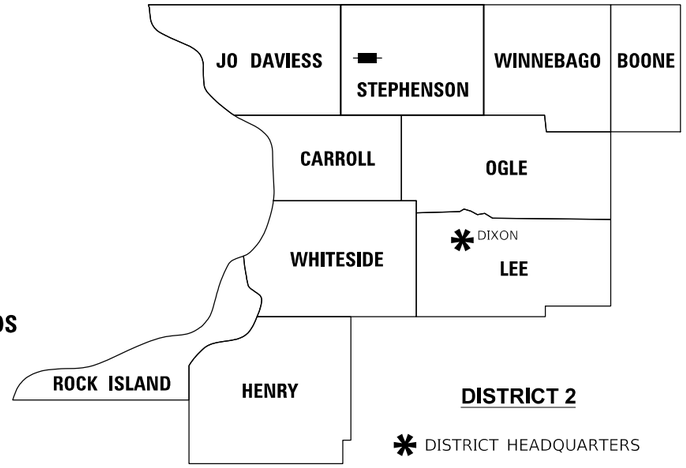
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

FAP ROUTE 301 (US 20), FAP 654 (IL 73)
& FAS 1087 (IL 73)
SECTION (22,107)R
STEPHENSON COUNTY
JOB NO. R–92–007–16

SHEET INDEX		
SHEET NO.	STATION to STATION	DESCRIPTION
1		COVERSHEET
2		LEGENDS & STATEMENTS
3	238+00 to 252+00	ROW PLAT
4	570+00 to 580+00	ROW PLAT
5	578+00 to 591+00	ROW PLAT
6	589+00 to 600+00	ROW PLAT
7	257+00 to 271+00	ROW PLAT
8	271+00 to 285+00	ROW PLAT
9	284+00 to 298+00	ROW PLAT
10	298+00 to 312+00	ROW PLAT

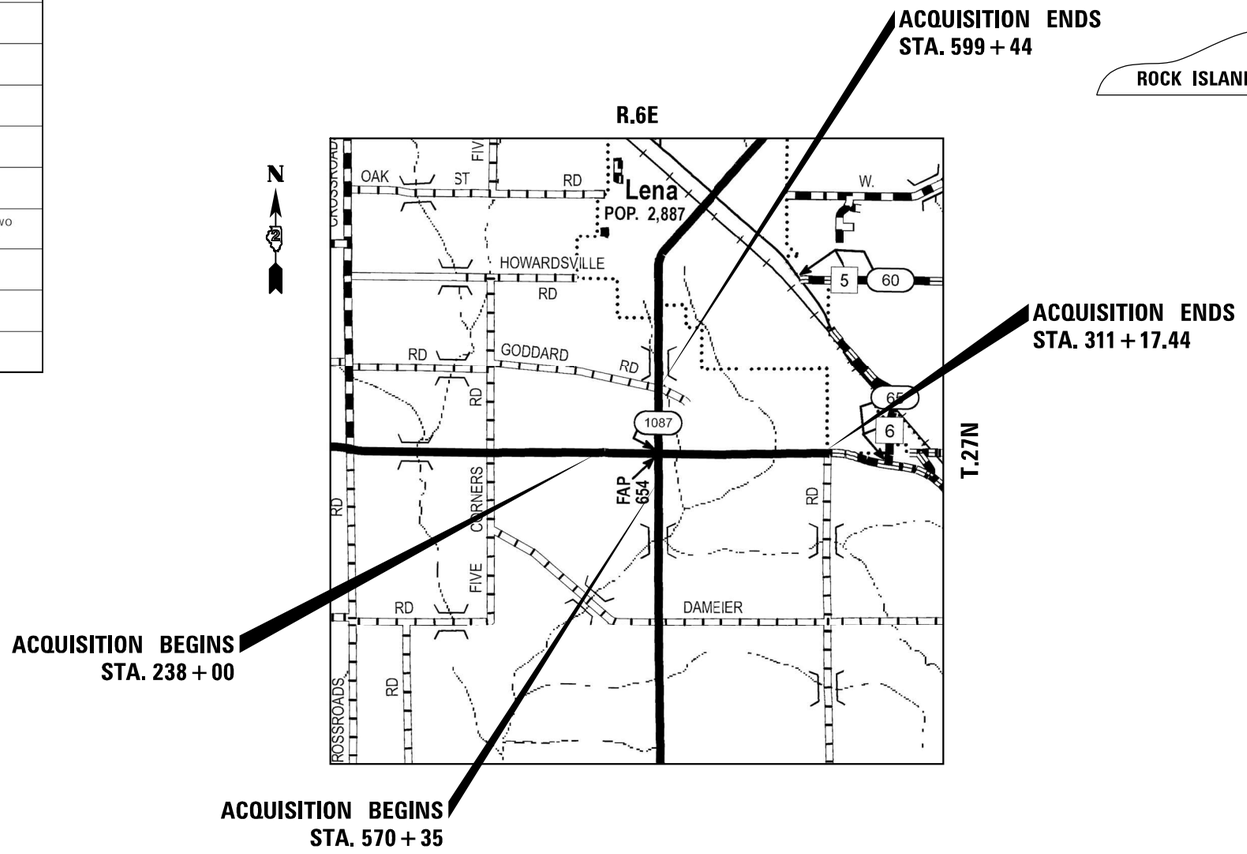
INDEX TO PARCELS	
PARCEL	SHEET NO.
2071601 2071601TE	3 3
2071602 2071602TE	3 Tract One, 4 Tract Two 3
2071603 2071603TE	3 Tract One, 6 Tract Two 3 Tract One, 5 Tracts Two & Three
2071604 2071604TE	5 5 Tracts One & Two
2071605 2071605TE	4 Tracts One & Two 4
2071606 2071606TE	4 Tract One, 7 & 8 Trac: Two 4 Tract One, 7 Tracts Two & Three, 8 Tract Four
2071607 2071607TE	5 & 7 Tract One, 6 Tract Three, 8, 9 & 10 Tract Two 5 Tracts Two & Three, 7 Tract One, 9 Tract Four
2071608 2071608TE	8 8
2071609 2071609TE	9 Tract One, 9 & 10 Tract Two 9 Tract One, 10 Tracts Two, Three & Four
2071610 2071610TE	6 6



DISTRICT 2

✱ DISTRICT HEADQUARTERS

LOCATION OF SECTION INDICATED THUS: ▬



PREPARED BY:

AMERICAN
SURVEYING & ENGINEERING, P.C.
841 N. Galena Ave. Dixon, IL 61021
815-284-6231
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-003192
ASE JOB # 120083.10

STATE OF ILLINOIS · COVENTINE FIDIS · 35-2159 · DIXON, ILL. · PROFESSIONAL LAND SURVEYOR

COVENTINE FIDIS - ILLINOIS PROFESSIONAL
LAND SURVEYOR NO. 35-2159
CURRENT EXPIRATION DATE: NOVEMBER 30, 2024

MODEL: $MODELNAME$
FILE NAME: D264L27-sht-cvw01.dgn

USER NAME = $USER$	DESIGNED - PS	REVISED -	
	DRAWN - CH	REVISED -	
PLOT SCALE = 1.0000 ' / in.	CHECKED - CF	REVISED -	
PLOT DATE = 1/27/2023	DATE - 10/31/2022	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

LAND SECTION 4, 5, 8, 9	T 27N, R 6E OF 4TH P.M.
JOB# R-92-007-16	DRAWER FOLDER
SCALE: NTS	SHEET 1 OF 10 SHEETS STA. 238+00 TO STA. 311+17.44

F.A.*. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	111
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301 (US 20), FAP/S 654/1087 (IL 73)

LEGEND FOR EXISTING TOPOGRAPHIC SYMBOLS

TRAFFIC SIGNAL GULFBOX		DRAINAGE FLOW LINE	
TRAFFIC SIGNAL HANDHOLE		RIP RAP	
TRAFFIC SIGNAL SIGNAL POST		HEADWALL	
TRAFFIC SIGNAL STEEL MAST ARM		CULVERT END SECTION	
TRAFFIC SIGNAL PEDESTRIAN PUSH BUTTON		DRAINAGE MANHOLE	
TRAFFIC SIGNAL WOODEN POLE		INLET	
TRAFFIC SIGNAL VEHICLE DETECTION PRIORITY		ROADWAY DITCH FLOW	
TRAFFIC SIGNAL VEHICLE DETECTION MAGNET		VEGETATION LINE	
TRAFFIC SIGNAL JUNCTION BOX		STUMP	
TRAFFIC SIGNAL CONTROLLER		SHRUB	
TRAFFIC SIGNAL HEAVY DUTY HANDHOLE		EVERGREEN TREE	
RAILROAD CANTILEVER MAST ARM		DECIDUOUS TREE	
RAILROAD CROSSBUCK		WOODS/BUSH LINE	
RAILROAD TRACK		TRAFFIC SIGN	
RAILROAD TRACK (ABANDONED)		GUARDRAIL POST	
RAILROAD CROSSGATE		GUARDRAIL	
RAILROAD CONTROL BOX		FIELD LINE	
RAILROAD FLASHING SIGNAL		LEVEE/NOISE BARRIER	
UTILITY TELEPHONE SPLICE BOX		FENCE	
UTILITY POWER POLE		MAIL BOX	
UTILITY TRAFFIC SIGNAL		ADVERTISING SIGN	
UTILITY LIGHT POLE		MARSH	
UTILITY FIRE HYDRANT		LIGHTING HANDHOLE	
UTILITY MANHOLE		LIGHTING POWER POLE	
UTILITY TELEPHONE POLE		LIGHTING JUNCTION BOX	
UTILITY GUY ANCHOR		LIGHTING HEAVYDUTY HANDHOLE	
UTILITY PIPELINE WARNING SIGN		LIGHTING CONTROLLER	
UTILITY HANDHOLE		LIGHTING PULL POINT	
UTILITY SPLICE BOX		HIGHWAY LIGHTING ELECTRICAL GROUND	
UTILITY JUNCTION BOX		HIGHWAY LIGHTING SINGLE UNIT	
UTILITY HEAVY DUTY HANDHOLE		HIGHWAY LIGHTING DOUBLE UNIT	
UTILITY DOUBLE HANDHOLE		EXISTING CONCRETE BARRIER	
UTILITY CONTROLLER		EXISTING CREEK OR DITCH	
UTILITY WATER METER		EXISTING EDGE OF PAVEMENT	

RIGHT OF WAY LEGEND

	EXISTING CENTERLINE
	EXISTING RIGHT-OF-WAY LINE
	FORMER RIGHT OF WAY LINE
	EXISTING EASEMENT LINE
	BUILDING SETBACK LINE
AC	EXISTING ACCESS CONTROL LINE
AC	EXISTING RIGHT OF WAY & ACCESS CONTROL LINE
AC	PROPOSED RIGHT OF WAY & ACCESS CONTROL LINE
AC	PROPOSED ACCESS CONTROL LINE
	PROPOSED CENTERLINE
	PROPOSED RIGHT-OF-WAY LINE
	PROPOSED TEMPORARY EASEMENT LINE
	PROPOSED PERMANENT EASEMENT LINE
	SECTION LINE
	QUARTER SECTION LINE
	QUARTER QUARTER SECTION LINE
	PROPERTY LINE (TITLE)
	RECORDED PLAT/DEED LINE
APL	APPARENT PROPERTY LINE
	SAME OWNERSHIP
121.45'	MEASURED DIMENSION
(121.45')	RECORDED DIMENSION
	FOUND STONE
	FOUND IRON PIPE OR IRON ROD AT CORNER UNLESS OTHERWISE NOTED
	SET 5/8 INCH IRON ROD WITH PLASTIC CAP IDENTIFIED BY SURVEYORS LICENSE NUMBER AT CORNER UNLESS OTHERWISE NOTED
	PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 667101 (TO BE SET BY OTHERS)
	SET 5/8 INCH IRON ROD AS SURVEY CONTROL UNLESS OTHERWISE NOTED
+	FOUND CUT CROSS
+	SET CUT CROSS

■ STAKING OF PROPOSED RIGHT OF WAY AND PERMANENT EASEMENT CORNERS. SET 5/8 INCH METAL ROD WITH DEPARTMENT OF TRANSPORTATION SURVEY ALUMINUM CAP TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS LICENSE NUMBER.

■[B] STAKING OF PROPOSED RIGHT OF WAY AND PERMANENT EASEMENT CORNERS IN CULTIVATED AREA, A MINIMUM OF 20 INCHES BELOW THE GROUND SURFACE. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY ALUMINUM CAP TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS LICENSE NUMBER.

LEGEND FOR ABBREVIATIONS

A/C	ACCESS CONTROL
AC	ACRE
AVE	AVENUE
BK	BOOK
BLVD	BOULEVARD
℄	CENTERLINE
CAB	CABINET
CH	COUNTY HIGHWAY
Ch	CHAIN
CP	CONTROL POINT
CPS	COTTON PICKER SPINDLE
DB	DEED BOOK
E	EAST
EX	EXISTING
FA	FEDERAL AID
FAI	FEDERAL AID INTERSTATE
FAP	FEDERAL AID PRIMARY
FAS	FEDERAL AID SECONDARY
FAU	FEDERAL AID URBAN
FND	FOUND
ha	HECTARE
IP	IRON PIPE
IR	IRON ROD
LT	LEFT
m	METER
m^2	SQUARE METERS
N	NORTH
N/F	NOW OR FORMERLY
N & BC	NAIL AND BOTTLE CAP
N & C	NAIL AND CAP
N & W	NAIL AND WASHER
NE	NORTHEAST
NW	NORTHWEST
PB	PLAT BOOK
PG	PAGE
POB	POINT OF BEGINNING
POC	POINT OF COMMENCEMENT
POT	POINT ON TANGENT
℄	PROPERTY LINE
PR	PROPOSED
R	RANGE
RD	ROAD
REC	RECORD
ROW	RIGHT OF WAY
RR	RAILROAD
RRS	RAILROAD SPIKE
RT	RIGHT
RTE	ROUTE
S	SOUTH
SBI	STATE BOND ISSUE
SE	SOUTHEAST
SEC	SECTION
SQ FT	SQUARE FEET
SR	STATE ROUTE
ST	STREET
STA	STATION
SMK	SURVEY MARKER
SW	SOUTHWEST
T	TOWNSHIP
TR	TOWNSHIP ROAD
USGS	U.S. GEOLOGICAL SURVEY
W	WEST

PROPOSED PARCEL NUMBER LEGEND

8001001	PROPOSED FEE SIMPLE ACQUISITION
8001001PE	PROPOSED PERMANENT EASEMENT
8001001TE	PROPOSED TEMPORARY EASEMENT
8001001DED	PROPOSED DEDICATION
8001001AC	PROPOSED ACCESS CONTROL LINE

CURVE ABBREVIATIONS

PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
PT	POINT OF TANGENCY
PRC	POINT OF REVERSE CURVE
PCC	POINT OF COMPOUND CURVE
R	RADIUS OF CURVE
L	LENGTH OF CURVE
CB	CHORD BEARING
C	CHORD LENGTH
D	DEGREE OF CURVE
E	EXTERNAL ORDINATE
Δ	DELTA

BASIS OF COORDINATE & BEARING STATEMENT

ALL COORDINATES, BEARINGS AND DISTANCES SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE (WEST ZONE) NAD83 (1997 ADJUSTMENT)

GROUND DISTANCE = GRID DISTANCE DIVIDED BY PROJECT COMBINATION FACTOR OF 0.999911035

AREAS SHOWN BASED ON GROUND DISTANCES

TOPOGRAPHIC STATEMENT

THE TOPOGRAPHY SHOWN HEREON WAS PROVIDED TO THE SURVEYOR BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION. THE SURVEYOR DID NOT VISUALLY FIELD VERIFIED THE EXISTENCE OF THE TOPOGRAPHY SHOWN HEREON. IN ADDITION, THE SURVEYOR PHYSICALLY LOCATED IN THE FIELD THE FOLLOWING ITEMS ON 11/14/2022:

1. FENCE LINE ON PARCEL 2071608
2.
3.

PREPARED BY:

AMERICAN
SURVEYING & ENGINEERING, P.C.
841 N. Galena Ave. Dixon, IL 61021
815-288-6231
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-003192
ASE JOB # 120083.10

STATE OF ILLINOIS · COVENTINE FIDIS · 35-2159 · DIXON, ILL. · PROFESSIONAL LAND SURVEYOR

COVENTINE FIDIS - ILLINOIS PROFESSIONAL
LAND SURVEYOR NO. 35-2159
CURRENT EXPIRATION DATE: NOVEMBER 30, 2024

MODEL: $MODELNAME$
FILE NAME: D2641-27-sht-row02.dgn

USER NAME = $USER$	DESIGNED - PS	REVISED -	
	DRAWN - CH	REVISED -	
PLOT SCALE = 1.0000 ' / in.	CHECKED - CF	REVISED -	
PLOT DATE = 1/27/2023	DATE - 10/31/2022	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

LAND SECTION 4, 5, 8, 9	T 27N, R 6E OF 4TH P.M.	F.A.*. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
JOB# R-92-007-16	DRAWER FOLDER	*	(22, 107)R	STEPHENSON	277 / 112
SCALE: NTS	SHEET 2 OF 10 SHEETS STA. 238+00 TO STA. 311+17.44			CONTRACT NO. 64L27	
				ILLINOIS	FED. AID PROJECT

* FAP 301 (US 20), FAP/S 654/1087 (IL 73)

SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) AND BASIS OF COORDINATES & BEARINGS STATEMENT ON SHEET 2

PROPOSED RIGHT OF WAY

POINT	NORTHING	EASTING
45000	2072688.4982	2386064.6866
45001	2072676.2837	2386114.6368
45002	2072659.8023	2386464.5701
45003	2072619.5911	2386514.4004
45004	2072619.3794	2386564.3999
45005	2072669.1673	2386614.6111
45006	2072668.6382	2386739.6100
45007	2072642.0511	2387114.5008
45008	2072641.4161	2387264.4995
45038	2072668.2053	2390466.1275
45039	2072678.4967	2390665.9251
45040	2072691.1398	2390765.6254
45041	2072692.9925	2390835.6009
45042	2072634.2045	2390882.1731
45043	2072635.7924	2390942.1520
45044	2072696.8300	2390980.5501
45137	2072785.6741	2387440.1117
45138	2072791.4148	2387265.1344
45139	2072792.2614	2387065.1362
45140	2072778.1081	2386865.0745
45141	2072779.4838	2386540.0760
45142	2072769.9072	2386440.0345
45143	2072771.2829	2386115.0389
45144	2072754.4918	2386064.9659

EXISTING FAS RTE. 301

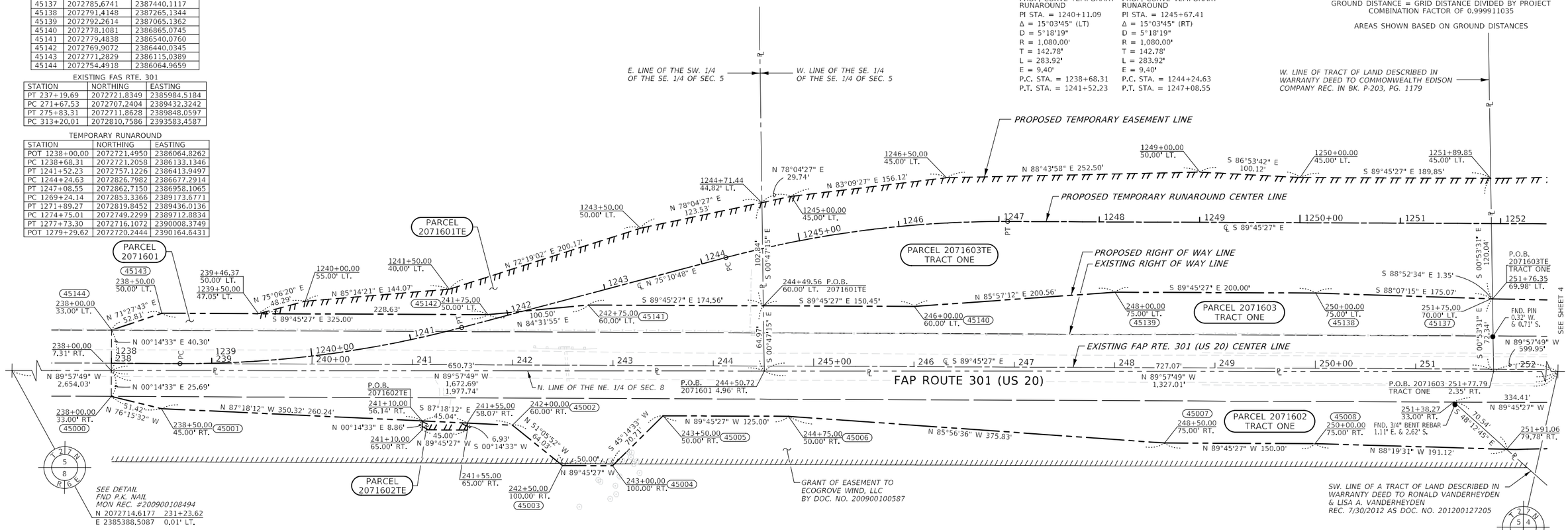
STATION	NORTHING	EASTING
PT 237+19.69	2072721.8349	2385984.5184
PC 271+67.53	2072707.2404	2389432.3242
PT 275+83.31	2072711.8628	2389848.0597
PC 313+20.01	2072810.7586	2393583.4587

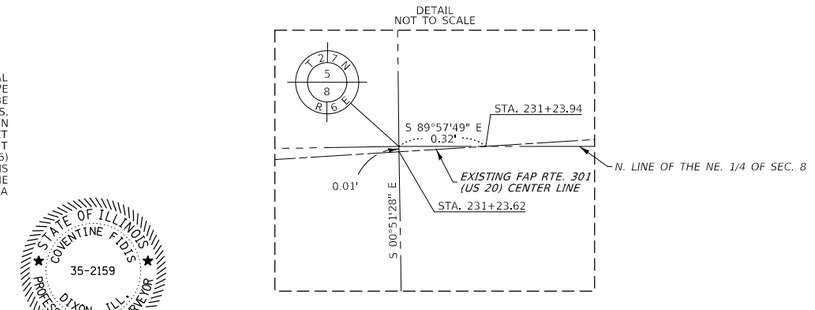
TEMPORARY RUNAROUND

STATION	NORTHING	EASTING
POT 1238+00.00	2072721.4950	2386064.8262
PC 1238+68.31	2072721.2058	2386133.1346
PT 1241+52.23	2072757.1226	2386413.9497
PC 1244+24.63	2072826.7982	2386677.2914
PT 1247+08.55	2072862.7150	2386958.1065
PC 1269+24.14	2072853.3366	2389173.6771
PT 1271+89.27	2072819.8452	2389436.0136
PC 1274+75.01	2072749.2299	2389712.8834
PT 1277+73.30	2072716.1072	2390008.3749
POT 1279+29.62	2072720.2444	2390164.6431

PARCEL NO.	OWNER	TRACT NUMEER (IF APPLICABLE)	TOTAL HOLDING		ROW REQUIRED								EASEMENTS			PERMANENT TAX NUMBER AFFECTED	PROPERTY ACQUIRED BY
					TOAL AREA REQUIRED		AREA IN EXISTING ROADWAY		NET AREA REQUIRED		AREA REMAINING		PE=PERMANENT TE=TEMPORARY		EASEMENT PURPOSE		
			ACRES	SQ FT	ACRES	SQ FT	ACRES	SQ FT	ACRES	SQ FT	ACRES	SQ FT	ACRES	SQ FT			
2071601	JAMES L. KLEVER AND MARILYN KLEVER AS JOINT TENANTS		230.840		0.880		0.584		0.296		229.960		0.541 TE		GRADING & SHAPING	10-12-05-400-002	
2071602	JOHN A. HUNEKE & JASON A. HUNEKE, EACH TO AN UNDIVIDED 1/2 INTEREST *SEE SHEETS 3 & 4	TOTAL ONE TWO	156.080		3.125 2.059 1.066		1.946 1.102 0.844		1.179 0.957 0.222		152.955		0.008 TE	355 TE	ENTRANCE CONSTRUCTION	10-12-08-200-003	
2071603	JERALD MARTIN & ELIZABETH MARTIN, HUSBAND AND WIFE, AS JOINT TENANTS *SEE SHEETS 3 & 6	TOTAL ONE TWO THREE	50.820		3.331 1.216 2.115		1.883 0.612 1.271		1.448 0.604 0.844		47.489		1.975 TE 0.059 TE 0.002 TE	2,575 TE 90 TE	GRADING & SHAPING & ENTRANCE CONST.	10-12-05-400-005	

NOTE: TOTAL HOLDING AREA ACCORDING TO COUNTY ASSESSMENT.





STATE OF ILLINOIS)
COUNTY OF LEE) SS
SURVEYOR'S STATEMENT)

I, COVENTINE FIDIS, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT: I HAVE SURVEYED THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON; THIS PLAT IS A TRUE AND CORRECT REPRESENTATION OF SAID SURVEY PURSUANT TO THE ILLINOIS PLAT ACT, SECTION 1(b)(6) AND SECTION 9 THEREOF; AND THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

DATED THIS ___ DAY OF ____, 2022

STATE OF ILLINOIS · COVENTINE FIDIS · 35-2159 · DIXON, ILL. · PROFESSIONAL LAND SURVEYOR

COVENTINE FIDIS - ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2159
AMERICAN SURVEYING & ENGINEERING
MY LICENSE EXPIRES 11/30/24

N

0 50 100 150

SCALE IN FEET

ALL COORDINATES, BEARINGS AND DISTANCES SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE (WEST ZONE) NAD83 (1997 ADJUSTMENT)

GROUND DISTANCE = GRID DISTANCE DIVIDED BY PROJECT COMBINATION FACTOR OF 0.999911035

AREAS SHOWN BASED ON GROUND DISTANCES

AMERICAN
SURVEYING & ENGINEERING, P.C.
841 N. Galena Ave. Dixon, IL 61021
815-288-6231
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-003192
ASE JOB # 120083.10

COMPLETION DATE OF FIELD WORK PERFORMED	
LAND SURVEY: 11/14/2022	ROW STAKING: mo/dy/yr

USER NAME = $USERS	DESIGNED - PS	REVISED -
	DRAWN - CH	REVISED -
PLOT SCALE = 50.000000 ' / in.	CHECKED - CF	REVISED -
PLOT DATE = 1/27/2023	DATE - 10/31/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

LAND SECTION 5 & 8	T 27N, R 6E OF 4TH P.M.
JOB# R-92-007-16	DRAWER FOLDER
SCALE: 1" = 50'	SHEET 3 OF 10 SHEETS STA. 238+00 TO STA. 252+00

F.A.*. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	113
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301 (US 20), FAP/S 654/1087 (IL 73)

MODEL: $MODELNAME$
FILE NAME: D264L27-sht-ouw03.dgn

SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) AND BASIS OF COORDINATES & BEARINGS STATEMENT ON SHEET 2

PROPOSED RIGHT OF WAY

POINT	NORTHING	EASTING
45009	2072635.5696	2387464.4765
45010	2072644.2186	2387783.6554
45011	2072522.4623	2387935.2021
45012	2072403.0339	2387941.9211
45013	2072303.2600	2387958.3584
45014	2072103.2807	2387961.2361
45015	2071853.5224	2387979.8314
45016	2071803.8154	2388000.5524
45017	2071804.8226	2388070.5415
45018	2071855.1771	2388094.8197
45019	2072005.0896	2388087.6619
45020	2072305.0586	2388083.3455
45021	2072455.2589	2388096.1857
45022	2072527.6141	2388095.1445

EXISTING FAP RTE. 301

STATION	NORTHING	EASTING
PT 237+19.69	2072721.8349	2385984.5184
PC 271+67.53	2072707.2404	2389432.3242
PT 275+83.31	2072711.8628	2389848.0597
PC 313+20.01	2072810.7586	2393583.4587

EXISTING FAP RTE. 654

STATION	NORTHING	EASTING
PT 531+93.74	2067998.4545	2388090.3108
POT 593+39.29	2074143.3623	2388001.8870
POT 637+96.24	2078599.8578	2387937.7598

DETAIL B
1"=100'

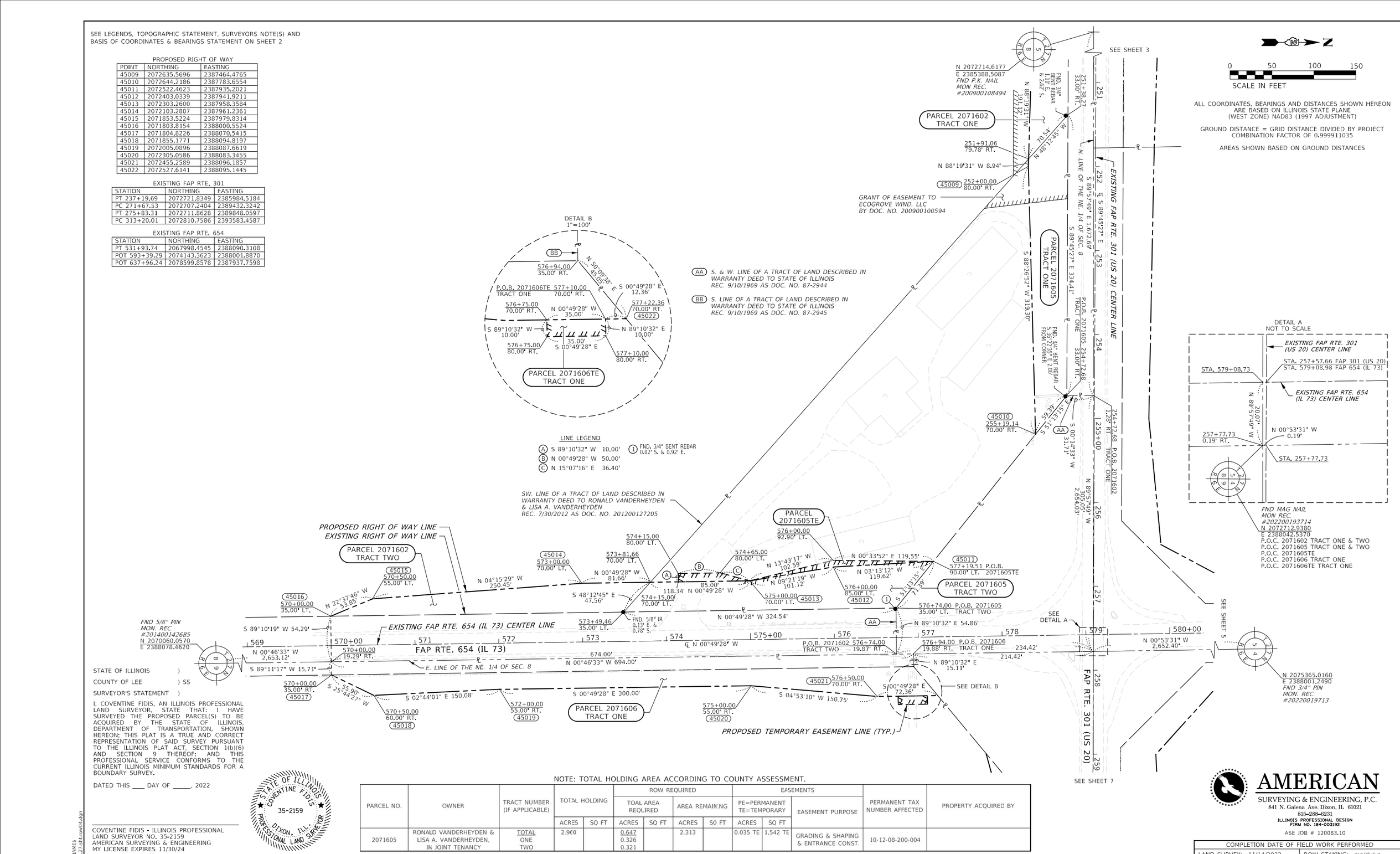
LINE LEGEND

(A) S 89°10'32" W 10.00'
(B) N 00°49'28" W 50.00'
(C) N 15°07'16" E 36.40'

(1) FND. 3/4" BENT REBAR 0.82' S. & 0.92' E.

(AA) *S. & W. LINE OF A TRACT OF LAND DESCRIBED IN WARRANTY DEED TO STATE OF ILLINOIS REC. 9/10/1969 AS DOC. NO. 87-2944*

(BB) *S. LINE OF A TRACT OF LAND DESCRIBED IN WARRANTY DEED TO STATE OF ILLINOIS REC. 9/10/1969 AS DOC. NO. 87-2945*



STATE OF ILLINOIS)
COUNTY OF LEE) SS
SURVEYOR'S STATEMENT)

I, COVENTINE FIDIS, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT: I HAVE SURVEYED THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON; THIS PLAT IS A TRUE AND CORRECT REPRESENTATION OF SAID SURVEY PURSUANT TO THE ILLINOIS PLAT ACT, SECTION 1(b)(6) AND SECTION 9 THEREOF; AND THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

DATED THIS ___ DAY OF _____, 2022

STATE OF ILLINOIS
COVENTINE FIDIS
35-2159
DIXON, ILL.
PROFESSIONAL LAND SURVEYOR

COVENTINE FIDIS - ILLINOIS PROFESSIONAL
LAND SURVEYOR NO. 35-2159
AMERICAN SURVEYING & ENGINEERING
MY LICENSE EXPIRES 11/30/24

NOTE: TOTAL HOLDING AREA ACCORDING TO COUNTY ASSESSMENT.

PARCEL NO.	OWNER	TRACT NUMBER (IF APPLICABLE)	TOTAL HOLDING		ROW REQUIRED				EASEMENTS			PERMANENT TAX NUMBER AFFECTED	PROPERTY ACQUIRED BY
					TOAL AREA REQUIRED		AREA REMAINING		PE=PERMANENT TE=TEMPORARY		EASEMENT PURPOSE		
			ACRES	SQ FT	ACRES	SQ FT	ACRES	SQ FT	ACRES	SQ FT			
2071605	RONALD VANDERHEYDEN & LISA A. VANDERHEYDEN, IN JOINT TENANCY	TOTAL ONE TWO	2.960		0.647 0.326 0.321		2.313		0.035 TE	1,542 TE	GRADING & SHAPING & ENTRANCE CONST.	10-12-08-200-004	

AMERICAN
SURVEYING & ENGINEERING, P.C.
841 N. Galena Ave. Dixon, IL 61021
815-288-6231
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-003192
ASE JOB # 120083.10

USER NAME = $USERS	DESIGNED - PS	REVISED -
	DRAWN - CH	REVISED -
PLOT SCALE = 50.0000 ' / in.	CHECKED - CF	REVISED -
PLOT DATE = 1/26/2023	DATE - 10/31/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

LAND SECTION 8 & 9	T 27N, R 6E OF 4TH P.M.
JOB# R-92-007-16	DRAWER FOLDER
SCALE: 1" = 50'	SHEET 4 OF 10 SHEETS
STA. 570+00 TO STA. 580+00	

COMPLETION DATE OF FIELD WORK PERFORMED
LAND SURVEY: 11/14/2022 ROW STAKING: mo/dy/yr

F.A.*. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	114
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301 (US 20), FAP/S 654/1087 (IL 73)

MODEL: $MODELNAME$
FILE NAME: D:\64L27-plt-cvr04.dgn

ALL COORDINATES, BEARINGS AND DISTANCES SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE (WEST ZONE) NAD83 (1997 ADJUSTMENT)

GROUND DISTANCE = GRID DISTANCE DIVIDED BY PROJECT COMBINATION FACTOR OF 0.999911035

AREAS SHOWN BASED ON GROUND DISTANCES

SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) AND BASIS OF COORDINATES & BEARINGS STATEMENT ON SHEET 2

0 50 100 150
SCALE IN FEET

N 2072714.6177
E 2385388.5087
FND P.K. NAIL
MON REC.
#200900108494

SEE SHEET 3

251+77.79
2.35' RT.

N 00°53'31" W
72.34'

N 00°53'31" W
120.04'

251+76.35
69.98' LT.
P.O.B.
2071604TE
TRACT ONE

FND. 5/8" IR
0.27' W.
& 0.71' S.

1251+89.85
45.00' LT.

S 89°45'27" E
10.15'

1252+00.00
45.00' LT.

FND. 3/4" BENT IR
0.27' W. & 0.34' S.

W. & N. LINE OF TRACT OF LAND DESCRIBED IN WARRANTY DEED TO COMMONWEALTH EDISON COMPANY REC. IN BK. P-203, PG. 1179

S. LINE OF THE SE 1/4 OF SEC. 5

EXISTING FAP RTE. 301 (US 20) CENTER LINE

S 88°52'34" E 323.69'

PROPOSED TEMPORARY RUNAROUND CENTER LINE

N 88°48'38" E 200.06'

1254+00.00
50.00' LT.

PARCEL 2071604TE
TRACT ONE

45136
255+00.00
65.00' LT.

N 89°57'49" W 599.95'

N 84°31'55" E 150.75'

S 87°54'54" E 311.04'

45135
256+50.00
80.00' LT.

N 27°57'06" E
92.86'

PROPOSED TEMPORARY EASEMENT LINE (TYP.)

PROPOSED RIGHT OF WAY LINE
EXISTING RIGHT OF WAY LINE

S 01°27'58" W 20.13'

1257+10.88
40.00' LT.

N 01°27'58" E
125.10'

580+75.00
60.00' LT.
45145

45133
582+00.00
55.00' LT.

N 05°06'49" W 200.56'

PARCEL
2071604

584+00.00
70.00' LT.
45132

N 03°41'13" W 200.25'

585+90.00
79.50' LT.

45131
586+00.00
80.00' LT.

N 04°53'10" E
100.50'

45130
587+00.00
70.00' LT.
P.O.B. 2071604TE
TRACT TWO

N 02°02'17" E 200.25'

45129
589+00.00
60.00' LT.

589+39.52
60.00' LT.

N 00°49'28" W
39.52'

FND. 3/4" BENT IR
0.23' S. & ON LINE

FND. 5/8" BENT REBAR
0.32' W. & 1.06' S.

S 89°57'49" E 78.86'

PARCEL 2071603
TRACT TWO

SEE SHEET 6

N 2075365.0160
E 2388001.2490
FND 3/4" PIN
MON. REC.
#202200193713

SEE SHEET 4

SEE
DETAIL A

FAP RTE. 654 (IL 73)

EXISTING FAP RTE. 654 (IL 73) CENTER LINE

E. LINE OF THE SE. 1/4 OF SEC. 5

N 00°53'31" W 1,029.91'
1,241.73'

591+50.15
18.60' RT.

N 00°53'31" W
2,652.40'

589+38.33
18.85' RT.

P.O.B. 2071607TE
TRACT TWO

589+55.00
50.00' RT.

20.00'

N 84°36'29" E
31.50'

SEE DETAIL B

S. LINE OF TRACT 2 OF TRACT OF LAND DESCRIBED IN EXECUTOR'S DEED TO JERALD MARTIN & ELIZABETH MARTIN REC. 1/4/2011 AS DOC. NO. 201100116280

S 00°49'28" E 175.00'

105.00'

S 00°49'28" E

45.00'

28.28'

S 45°49'28" E

589+75.00
50.00' RT.
45110

591+00.00
50.00' RT.
45113

S 44°36'57" W

60.21'

S 42°27'29" E

52.66'

S 00°49'28" E

590+15.00
90.00' RT.
45111

40.00'

S 00°49'28" E

590+55.00
90.00' RT.
45112

45109
588+00.00
50.00' RT.

588+50.00
50.00' RT.

S 25°44'26" W 44.72'

588+90.00
70.00' RT.

589+35.00
70.00' RT.

PARCEL 2071607TE
TRACT TWO

PARCEL 2071604TE
TRACT TWO

586+28.00
119.00' LT.

N 00°49'28" W
29.00'

586+57.00
119.00' LT.

N 46°56'00" W
34.81'

N 47°54'35" E
65.19'

10.01'

DETAIL A
NOT TO SCALE

EXISTING FAP RTE. 301 (US 20) CENTER LINE

STA. 257+57.66 FAP 301 (US 20)
STA. 579+08.98 FAP 654 (IL 73)

STA. 579+08.73

EXISTING FAP RTE. 654 (IL 73) CENTER LINE

N 89°57'49" W
20.07'

257+77.73
0.19' RT.

N 00°53'31" W
0.19'

STA. 257+77.73

FND MAG NAIL
MON REC.
#202200193714
N 2072712.9380
E 2388042.5370
P.O.B. 2071604
P.O.C. 2071604TE TRACT ONE & TWO
P.O.C. 2071607TE TRACT TWO & THREE
P.O.B. 2071607 TRACT ONE

DETAIL B
NOT TO SCALE

591+45.00
50.00' RT

N 00°49'28" W
7.66'

591+52.66
50.00' RT

P.O.B. 2071607TE
TRACT THREE

S 89°10'32" W
10.00'

N 84°36'29" E
10.03'

591+45.00
60.00' RT

8.46'
S 00°49'28" E

591+53.46
60.00' RT

PARCEL 2071607TE
TRACT THREE

PARCEL 2071607
TRACT ONE

580+50.00
70.00' RT.
45106

S 06°32'06" E
100.50'

S 01°27'58" W 250.20'

581+50.00
60.00' RT.
45107

580+87.78
66.22' RT.

S 03°41'13" E 400.50'

584+00.00
70.00' RT.
45108

SEE SHEET 7

STATE OF ILLINOIS)
COUNTY OF LEE) SS
SURVEYOR'S STATEMENT)

I, COVENTINE FIDIS, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT: I HAVE SURVEYED THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON; THIS PLAT IS A TRUE AND CORRECT REPRESENTATION OF SAID SURVEY PURSUANT TO THE ILLINOIS PLAT ACT, SECTION 1(b)(6) AND SECTION 9 THEREOF; AND THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

DATED THIS ___ DAY OF ____, 2022

STATE OF ILLINOIS
COVENTINE FIDIS
35-2159
DIXON, ILL.
PROFESSIONAL LAND SURVEYOR

COVENTINE FIDIS - ILLINOIS PROFESSIONAL
LAND SURVEYOR NO. 35-2159
AMERICAN SURVEYING & ENGINEERING
MY LICENSE EXPIRES 11/30/24

PROPOSED RIGHT OF WAY

POINT	NORTHING	EASTING
45106	2072855.2175	2388090.4303
45107	2072955.0632	2388078.9926
45108	2073205.1812	2388085.3944
45109	2073604.8521	2388059.6412
45110	2073779.8339	2388057.1233
45111	2073820.4053	2388096.5436
45112	2073860.4012	2388095.9681
45113	2073904.8210	2388055.3247
45129	2073703.2590	2387948.2138
45130	2073503.1358	2387941.0925
45131	2073403.0023	2387932.5323
45132	2073203.1669	2387945.4089
45133	2073003.4034	2387963.2850
45135	2072793.6633	2387915.1498
45136	2072779.2984	2387765.0876
45145	2072878.3444	2387960.0841

EXISTING FAS RTE. 301

STATION	NORTHING	EASTING
PT 237+19.69	2072721.8349	2385984.5184
PC 271+67.53	2072707.2404	2389432.3242
PT 275+83.31	2072711.8628	2389848.0597
PC 313+20.01	2072810.7586	2393583.4587

TEMPORARY RUNAROUND

STATION	NORTHING	EASTING
POT 1238+00.00	2072721.4950	2386064.8262
PC 1238+68.31	2072721.2058	2386133.1346
PT 1241+52.23	2072757.1226	2386413.9497
PC 1244+24.63	2072826.7982	2386677.2914
PT 1247+08.55	2072862.7150	2386958.1065
PC 1269+24.14	2072853.3366	2389173.6771
PT 1271+89.27	2072819.8452	2389436.0136
PC 1274+75.01	2072749.2299	2389712.8834
PT 1277+73.30	2072716.1072	2390008.3749
POT 1279+29.62	2072720.2444	2390164.6431

EXISTING FAP RTE. 654

STATION	NORTHING	EASTING
PT 531+93.74	2067998.4545	2388090.3108
POT 593+39.29	2074143.3623	2388001.8870
POT 637+96.24	2078599.8578	2387937.7598

NOTE: TOTAL HOLDING AREA ACCORDING TO COUNTY ASSESSMENT.

PARCEL NO.	OWNER	TRACT NUMBER (IF APPLICABLE)	TOTAL HOLDING		ROW REQUIRED								EASEMENTS			PERMANENT TAX NUMBER AFFECTED	PROPERTY ACQUIRED BY
					TOAL AREA REQUIRED		AREA IN EXISTING ROADWAY		NET AREA REQUIRED		AREA REMAINING		PE=PERMANENT TE=TEMPORARY		EASEMENT PURPOSE		
			ACRES	SQ FT	ACRES	SQFT	ACRES	SQ FT	ACRES	SQ FT	ACRES	SQ FT	ACRES	SQ FT			
2071604	COMMONWEALTH EDISON COMPANY, AS SUCCESSOR TO ILLINOIS NOR~HERN UTILITIES COMPANY	TOTAL ONE TWO	14.180		2.907		1.832		1.075		11.273		1.399 TE 0.069 TE	2,989 TE	GRADING & SHAPING & ENTRANCE CONST.	10-12-05-400-00€	

AMERICAN
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ASE JOB # 120083.10

COMPLETION DATE OF FIELD WORK PERFORMED

LAND SURVEY: 11/14/2022 ROW STAKING: mo/dy/yr

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	115
		CONTRACT NO. 64L27		
		ILLINOIS FED. AID PROJECT		

* FAP 301 (US 20), FAP/S 654/1087 (IL 73)

USER NAME = $USERS	DESIGNED - PS	REVISED -	
	DRAWN - CH	REVISED -	
PLOT SCALE = 50.0000 ' / in.	CHECKED - CF	REVISED -	
PLOT DATE = 1/27/2023	DATE - 10/31/2022	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

LAND SECTION 5 & 4	T 27N, R 6E OF 4TH P.M.
JOB# R-92-007-16	DRAWER FOLDER
SCALE: 1" = 50'	SHEET 5 OF 10 SHEETS STA. 578+00 TO STA. 591+00

MODEL: $MODELNAME$
FILE NAME: D2641-27-4N-row05.dgn

SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) AND BASIS OF COORDINATES & BEARINGS STATEMENT ON SHEET 2

PROPOSED RIGHT OF WAY

POINT	NORTHING	EASTING
45114	2074004.8107	2388053.8859
45115	2074104.8722	2388057.4465
45116	2074204.8619	2388056.0077
45117	2074305.1393	2388074.5668
45118	2074355.8535	2388123.8423
45119	2074405.4886	2388098.1254
45120	2074454.9799	2388062.4097
45121	2074716.3600	2388048.6475
45122	2074744.5196	2387938.2309
45123	2074503.1042	2387931.7037
45124	2074352.6881	2387903.8650
45125	2074302.6933	2387904.5844
45126	2074128.0711	2387932.0998
45127	2073828.1022	2387936.4163
45128	2073778.2512	2387947.1346

EXISTING FAP RTE. 654

STATION	NORTHING	EASTING
PT 531+93.74	2067998.4545	2388090.3108
POT 593+39.29	2074143.3623	2388001.8870
POT 637+96.24	2078599.8578	2387937.7598

0 50 100 150
SCALE IN FEET

STATE OF ILLINOIS)
COUNTY OF LEE) SS
SURVEYOR'S STATEMENT)

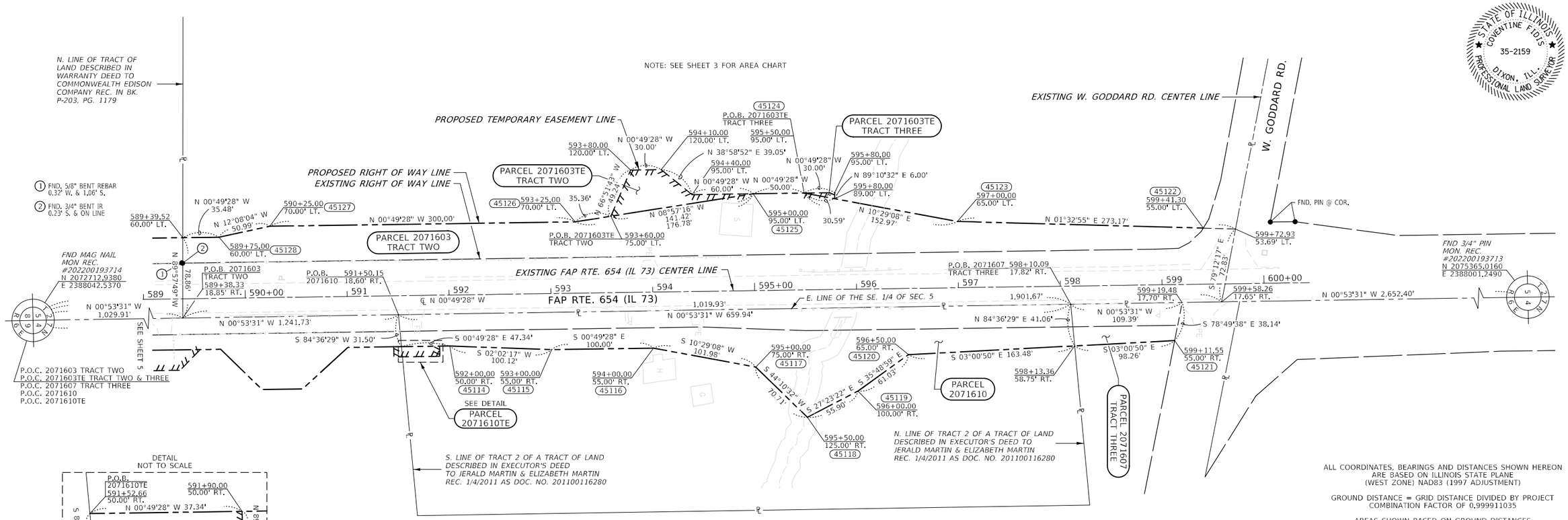
I, COVENTINE FIDIS, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT: I HAVE SURVEYED THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON; THIS PLAT IS A TRUE AND CORRECT REPRESENTATION OF SAID SURVEY PURSUANT TO THE ILLINOIS PLAT ACT, SECTION 1(b)(6) AND SECTION 9 THEREOF; AND THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

DATED THIS ___ DAY OF ____, 2022

COVENTINE FIDIS - ILLINOIS PROFESSIONAL
LAND SURVEYOR NO. 35-2159
AMERICAN SURVEYING & ENGINEERING
MY LICENSE EXPIRES 11/30/24

STATE OF ILLINOIS · COVENTINE FIDIS · 35-2159 · DIXON, ILL. · PROFESSIONAL LAND SURVEYOR

NOTE: SEE SHEET 3 FOR AREA CHART



DETAIL
NOT TO SCALE

NOTE: TOTAL HOLDING AREA ACCORDING TO COUNTY ASSESSMENT.

PARCEL NO.	OWNER	TOTAL HOLDING		ROW REQUIRED								EASEMENTS			PERMANENT TAX NUMBER AFFECTED	PROPERTY ACQUIRED BY
				TOAL AREA REQUIRED		AREA IN EXISTING ROADWAY		NET AREA REQUIRED		AREA REMAINING		PE=PERMANENT TE=TEMPORARY		EASEMENT PURPOSE		
		ACRES	SQ FT	ACRES	SQFT	ACRES	SQ FT	ACRES	SQ FT	ACRES	SQ FT	ACRES	SQ FT			
20716010	JERALD MARTN AND ELIZABETH MARTIN, HUSBAND AND WIFE, AS JOINT TENANTS	3.000		0.744		0.290		0.744		2.256		0.038 TE	369 TE	ENTRANCE CONSTRUCTION	10-12-04-300-002	

ALL COORDINATES, BEARINGS AND DISTANCES SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE (WEST ZONE) NAD83 (1997 ADJUSTMENT)

GROUND DISTANCE = GRID DISTANCE DIVIDED BY PROJECT COMBINATION FACTOR OF 0.999911035

AREAS SHOWN BASED ON GROUND DISTANCES

AMERICAN
SURVEYING & ENGINEERING, P.C.
841 N. Galena Ave. Dixon, IL 61021
815-288-6231
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-003192
ASE JOB # 120083.10

MODEL: \$MODELNAME\$
FILE NAME: D:\24\27-sht-row06.dgn

USER NAME = \$USER\$	DESIGNED - PS	REVISED -	
	DRAWN - CH	REVISED -	
PLOT SCALE = 50.0000 ' / in.	CHECKED - CF	REVISED -	
PLOT DATE = 1/26/2023	DATE - 10/31/2022	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

LAND SECTION 4 & 5	T 27N, R 6E OF 4TH P.M.
JOB# R-92-007-16	DRAWER FOLDER
SCALE: 1" = 50'	SHEET 6 OF 10 SHEETS STA. 589+00 TO STA. 600+00

COMPLETION DATE OF FIELD WORK PERFORMED
LAND SURVEY: 11/14/2022 ROW STAKING: mo/dy/yr

F.A.*. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	116
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301 (US 20), FAP/S 654/1087 (IL 73)

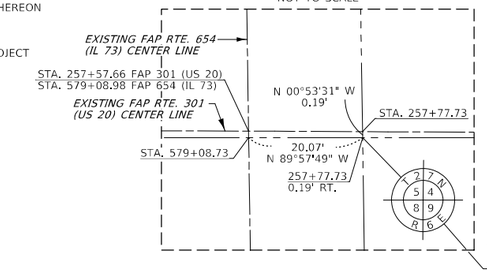
SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) AND BASIS OF COORDINATES & BEARINGS STATEMENT ON SHEET 2

ALL COORDINATES, BEARINGS AND DISTANCES SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE (WEST ZONE) NAD83 (1997 ADJUSTMENT)

GROUND DISTANCE = GRID DISTANCE DIVIDED BY PROJECT COMBINATION FACTOR OF 0.999911035

AREAS SHOWN BASED ON GROUND DISTANCES

DETAIL A
NOT TO SCALE



PROPOSED RIGHT OF WAY

POINT	NORTHING	EASTING
45023	2072585.2880	2388164.2700
45024	2072612.1834	2388264.3847
45025	2072611.1252	2388514.3825
45026	2072555.8928	2388569.1492
45027	2072555.5542	2388649.1484
45028	2072595.3845	2388689.3174
45029	2072649.4316	2388914.5482
45030	2072664.0082	2389014.6108
45031	2072663.3733	2389164.6095
45032	2072657.9500	2389264.5859
45097	2072757.9491	2389265.0092
45098	2072759.3248	2388940.0121
45099	2072805.0652	2388765.2042
45100	2072815.3826	2388690.2472
45101	2072900.6358	2388630.6075
45102	2072900.8051	2388590.6079
45103	2072826.0174	2388540.2909
45104	2072792.1818	2388265.1452
45105	2072787.6051	2388165.1249
45106	2072855.2175	2388090.4303

EXISTING FAS RTE. 301

STATION	NORTHING	EASTING
PT 237+19.69	2072721.8349	2385984.5184
PC 271+67.53	2072707.2404	2389432.3242
PT 275+83.31	2072711.8628	2389848.0597
PC 313+20.01	2072810.7586	2393583.4587

TEMPORARY RUNAROUND

STATION	NORTHING	EASTING
POT 1238+00.00	2072721.4950	2386064.8262
PC 1238+68.31	2072721.2058	2386133.1346
PT 1241+52.23	2072757.1226	2386413.9497
PC 1244+24.63	2072826.7982	2386677.2914
PT 1247+08.55	2072862.7150	2386958.1065
PC 1269+24.14	2072853.3366	2389173.6771
PT 1271+89.27	2072819.8452	2389436.0136
PC 1274+75.01	2072749.2299	2389712.8834
PT 1277+73.30	2072716.1072	2390008.3749
POT 1279+29.62	2072720.2444	2390164.6431

N

0 50 100 150

SCALE IN FEET

FND 3/4" PIN
MON. REC.
#202200193713
N 2075365.0160
E 2388001.2490

FND MAG NAIL
MON REC.
#202200193714
N 2072712.9380
E 2388042.5370
P.O.C. 2071606 TRACT TWO
P.O.C. 2071606TE TRACT TWO & THREE
P.O.B. 2071607 TRACT ONE
P.O.C. 2071607TE TRACT ONE

PROP. CURVE TEMPORARY RUNAROUND
PI STA. = 1270+57.38
Δ = 14° 03' 56" (RT)
D = 5° 18' 19"
R = 1,080.00'
T = 133.24'
L = 265.13'
E = 8.19'
P.C. STA. = 1269+24.14
P.T. STA. = 1271+89.27

SEE SHEET 5

E. LINE OF THE W. 1/2 OF THE SW. 1/4 OF SEC. 4

W. LINE OF TRACT OF LAND DESCRIBED IN WARRANTY DEED TO J.D. LONG & ASSOCIATES, INC. REC. 7/12/2006 AS DOC. NO. 200600077871

PROPOSED TEMPORARY EASEMENT LINE

PROPOSED TEMPORARY RUNAROUND CENTER LINE

PARCEL 2071607 TRACT ONE

PARCEL 2071607TE TRACT ONE

PROPOSED RIGHT OF WAY LINE

EXISTING RIGHT OF WAY LINE

S. LINE OF THE SW. 1/4 OF SEC. 4

EXISTING FAP RTE. 301 (US 20) CENTER LINE

FAP RTE. 301 (US 20)

PARCEL 2071606 TRACT TWO

PARCEL 2071606TE TRACT TWO

PARCEL 2071606TE TRACT THREE

EXISTING FAP RTE. 654 (IL 73) CENTER LINE

FAP RTE. 654 (IL 73)

FND 3/4" PIN
MON REC.
#201400142686
N 2072713.7940
E 2390688.4020

SEE SHEET 4

SEE SHEET 8

LINE LEGEND

(A)	N 89°45'27" W	25.00'
(B)	S 89°45'27" E	45.00'
(C)	S 00°14'33" W	10.00'
(D)	N 89°45'27" W	45.00'
(E)	N 00°14'33" E	10.00'
(F)	S 00°01'07" E	55.73'
(G)	S 89°45'27" E	45.00'
(H)	S 00°14'33" W	10.00'
(I)	N 89°45'27" W	45.00'
(J)	N 00°14'33" E	10.00'

(AA) E. LINE OF A TRACT OF LAND DESCRIBED IN WARRANTY DEED TO STATE OF ILLINOIS REC. 9/10/1969 AS DOC. NO. 87-2945

(BB) E. & W LINE OF A TRACT OF LAND DESCRIBED IN WARRANTY DEED TO STATE OF ILLINOIS REC. 8/18/1976 AS DOC. NO. 91-3567

(CC) E. & W LINE OF A TRACT OF LAND DESCRIBED IN WARRANTY DEED TO STATE OF ILLINOIS REC. 10/21/1976 AS DOC. NO. 91-4604

NOTE: TOTAL HOLDING AREA ACCORDING TO COUNTY ASSESSMENT.

PARCEL NO.	OWNER	TRACT NUMBER (IF APPLICABLE)	TOTAL HOLDING		ROW REQUIRED: TOAL AREA REQUIRED		AREA IN EXISTING ROADWAY		NET AREA REQUIRED		AREA REMAINING		EASEMENTS: PE=PERMANENT TE=TEMPORARY		EASEMENT PURPOSE	PERMANENT TAX NUMBER AFFECTED	PROPERTY ACQUIRED BY
			ACRES	SQ FT	ACRES	SQFT	ACRES	SQ FT	ACRES	SQ FT	ACRES	SQ FT	ACRES	SQ FT			
2071606	KAREN A. NIEMEIER, AS TRUSTEE UNDER A TRUST AGREEMENT DATED THE 14TH DAY OF MARCH, 2013, AND KNOWN AS THE KAREN A NIEMEIER LIVING TRUST *SEE SHEETS 4, 7 & 8	TOTAL ONE TWO THREE FOUR	78.950		4.049 0.617 3.432		1.876 0.246 1.630		2.173 0.371 1.802		74.901		0.008 TE 0.010 TE 0.010 TE 0.009 TE	350 TE 450 TE 450 TE 405 TE	ENTRANCE CONSTRUCTION	10-12-09-100-001	
2071607	MARGARET A. KEMPEL, AS TRUSTEE UNDER A DECLARATION OF TRUST DATED MARCH 18, 2013, AND KNOWN AS THE MARGARET A. KEMPEL TRUST, AS TO AN UNDIVIDED 1/2 INTEREST, AND DEAN M. KEMPEL, AS TRUSTEE UNDER A DECLARATION OF TRUST DATED MARCH 18, 2013, AND KNOWN AS THE DEAN M. KEMPEL TRUST, AS TO AN UNDIVIDED 1/2 INTEREST *SEE SHEETS 5, 6, 7, 8, 9 & 10	TOTAL ONE TWO THREE FOUR	340.540		8.323 3.391 4.839 0.093	4,055	4.354 1.323 2.977 0.054	2,361	3.969 2.068 1.862 0.039	1,694	332.217		3.121 TE 0.034 TE 0.002 TE 0.016 TE	1,500 TE 81 TE 716 TE	GRADING & SHAPING & ENTRANCE CONST.	10-12-04-300-004 10-12-04-400-002 10-12-04-400-003	

STATE OF ILLINOIS)
COUNTY OF LEE) SS
SURVEYOR'S STATEMENT)

I, COVENTINE FIDIS, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT: I HAVE SURVEYED THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON; THIS PLAT IS A TRUE AND CORRECT REPRESENTATION OF SAID SURVEY PURSUANT TO THE ILLINOIS PLAT ACT, SECTION 1(b)(6) AND SECTION 9 THEREOF; AND THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

DATED THIS ___ DAY OF _____, 2022

STATE OF ILLINOIS · COVENTINE FIDIS · 35-2159 · DIXON, ILL. · PROFESSIONAL LAND SURVEYOR

COVENTINE FIDIS - ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2159
AMERICAN SURVEYING & ENGINEERING
MY LICENSE EXPIRES 11/30/24

AMERICAN
SURVEYING & ENGINEERING, P.C.
841 N. Galena Ave. Dixon, IL 61021
815-288-6231
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-003192

ASE JOB # 120083.10

COMPLETION DATE OF FIELD WORK PERFORMED
LAND SURVEY: 11/14/2022 ROW STAKING: mo/dy/yr

F.A.*. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	117
		CONTRACT NO. 64L27		
		ILLINOIS FED. AID PROJECT		

* FAP 301 (US 20), FAP/S 654/1087 (IL 73)

USER NAME = $USERS	DESIGNED - PS	REVISED -	
	DRAWN - CH	REVISED -	
PLOT SCALE = 50.0000 ' / in.	CHECKED - CF	REVISED -	
PLOT DATE = 1/27/2023	DATE - 10/31/2022	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

LAND SECTION 4 & 9	T 27N, R 6E OF 4TH P.M.	
JOB# R-92-007-16	DRAWER FOLDER	
SCALE: 1" = 50'	SHEET 7 OF 10 SHEETS	STA. 257+00 TO STA. 271+00

MODEL: $MODELNAMES
FILE NAME: D:\64L27-sht-row07.dgn

SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) AND BASIS OF COORDINATES & BEARINGS STATEMENT ON SHEET 2

PROPOSED RIGHT OF WAY

POINT	NORTHING	EASTING
45033	2072657.2404	2389432.3242
45034	2072658.2559	2389665.4377
45035	2072666.8786	2389849.2507
45036	2072662.6171	2390066.1352
45037	2072672.9086	2390265.9328
45038	2072668.2053	2390466.1275
45039	2072678.4967	2390665.9251
45090	2072781.1083	2390763.2420
45091	2072788.4582	2390663.0123
45092	2072785.5166	2390362.9851
45093	2072775.2252	2390163.1875
45094	2072769.9018	2389763.5580
45095	2072767.3267	2389564.4626
45096	2072767.5257	2389365.0506

EXISTING FAS RTE. 301

STATION	NORTHING	EASTING
PT 237+19.69	2072721.8349	2385984.5184
PC 271+67.53	2072707.2404	2389432.3242
PT 275+83.31	2072711.8628	2389848.0597
PC 313+20.01	2072810.7586	2393583.4587

TEMPORARY RUNAROUND

STATION	NORTHING	EASTING
POT 1238+00.00	2072721.4950	2386064.8262
PC 1238+68.31	2072721.2058	2386133.1346
PT 1241+52.23	2072757.1226	2386413.9497
PC 1244+24.63	2072826.7982	2386677.2914
PT 1247+08.55	2072862.7150	2386958.1065
PC 1269+24.14	2072853.3366	2389173.6771
PT 1271+89.27	2072819.8452	2389436.0136
PC 1274+75.01	2072749.2299	2389712.8834
PT 1277+73.30	2072716.1072	2390008.3749
POT 1279+29.62	2072720.2444	2390164.6431

N

0 50 100 150

SCALE IN FEET

PROPOSED CURVE TEMPORARY RUNAROUND
PI STA. = 1270+57.38
Δ = 14° 03' 56" (RT)
D = 5° 18' 19"
R = 1,080.00'
T = 133.24'
L = 265.13'
E = 8.19'
P.C. STA. = 1269+24.14
P.T. STA. = 1271+89.27

PROPOSED CURVE TEMPORARY RUNAROUND
PI STA. = 1276+25.11
Δ = 15° 49' 29" (LT)
D = 5° 18' 19"
R = 1,080.00'
T = 150.10'
L = 298.29'
E = 10.38'
P.C. STA. = 1274+75.01
P.T. STA. = 1277+73.30

EXISTING CURVE FAP RTE. 301
PI STA. = 273+75.43
Δ = 1° 45' 33" (LT)
D = 0° 25' 23"
R = 13,542.33'
T = 207.91'
L = 415.78'
E = 1.60'
P.C. STA. = 271+67.53
P.T. STA. = 275+83.31

E. LINE OF THE W. 1/2 OF THE SW. 1/4 OF SEC. 4

W. LINE OF TRACT OF LAND DESCRIBED IN WARRANTY DEED TO J.D. LONG & ASSOCIATES, INC. REC. 7/12/2006 AS DOC. NO. 200600077871

E. LINE OF TRACT OF LAND DESCRIBED IN WARRANTY DEED TO J.D. LONG & ASSOCIATES, INC. REC. 7/12/2006 AS DOC. NO. 200600077871

PROPOSED TEMPORARY EASEMENT LINE

PARCEL 2071608TE

PARCEL 2071608

PARCEL 2071607 TRACT TWO

PROPOSED RIGHT OF WAY LINE

EXISTING RIGHT OF WAY LINE

FAP RTE. 301 (US 20)

EXISTING FAP RTE. 301 (US 20) CENTER LINE

S. LINE OF THE SW. 1/4 OF SEC. 4

N. LINE OF THE NW. 1/4 OF SEC. 9

PARCEL 2071606TE TRACT THREE

SEE SHEET 7

PARCEL 2071606 TRACT TWO

PARCEL 2071606TE TRACT FOUR

TRACT FOUR

FND MAG NAIL MON REC. #202200193712 N 2078233.3224 E 2390627.7816

E. LINE OF THE SW. 1/4 OF SEC. 4

N 00°37'45" W 5,519.86'

E. LINE OF THE NW. 1/4 OF SEC. 9

S 00°59'40" E 5,258.13'

N 2072713.7940 E 2390688.4020 P.O.C. 2071606TE TRACT FOUR P.O.B. 2071607 TRACT TWO P.O.C. 2071608 P.O.C. 2071608TE FND 3/4" PIN MON REC. #201400142686

FND 5/8" REBAR MON REC. #202200193714 N 2067456.4570 E 2390779.6480

N 2072712.9380 E 2388042.5370 FND MAG NAIL MON REC. #202200193714

SEE SHEET 7

SEE SHEET 9

STATE OF ILLINOIS)
COUNTY OF LEE) SS
SURVEYOR'S STATEMENT)

I, COVENTINE FIDIS, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT: I HAVE SURVEYED THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON; THIS PLAT IS A TRUE AND CORRECT REPRESENTATION OF SAID SURVEY PURSUANT TO THE ILLINOIS PLAT ACT, SECTION 1(b)(6) AND SECTION 9 THEREOF; AND THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

DATED THIS ___ DAY OF _____, 2022

COVENTINE FIDIS - ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2159
AMERICAN SURVEYING & ENGINEERING
MY LICENSE EXPIRES 11/30/24

STATE OF ILLINOIS · COVENTINE FIDIS · 35-2159 · DIXON, ILL. · PROFESSIONAL LAND SURVEYOR

NOTE: TOTAL HOLDING AREA ACCORDING TO COUNTY ASSESSMENT.

PARCEL NO.	OWNER	TRACT NUMBER (IF APPLICABLE)	TOTAL HOLDING		ROW REQUIRED								EASEMENTS			PERMANENT TAX NUMBER AFFECTED	PROPERTY ACQUIRED BY
					TOAL AREA REQUIRED		AREA IN EXISTING ROADWAY		NET AREA REQUIRED		AREA REMAINING		PE=PERMANENT TE=TEMPORARY		EASEMENT PURPOSE		
			ACRES	SQ FT	ACRES	SQFT	ACRES	SQ FT	ACRES	SQ FT	ACRES	SQ FT	ACRES	SQ FT			
2071608	J.D. LONG & ASSOCIATES, INC.		15.900		0.748		0.381		0.367		15.152		0.684 TE		GRADING & SHAPING	10-12-04-300-003	

ALL COORDINATES, BEARINGS AND DISTANCES SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE (WEST ZONE) NAD83 (1997 ADJUSTMENT)

GROUND DISTANCE = GRID DISTANCE DIVIDED BY PROJECT COMBINATION FACTOR OF 0.999911035

AREAS SHOWN BASED ON GROUND DISTANCES

AMERICAN
SURVEYING & ENGINEERING, P.C.
841 N. Galena Ave. Dixon, IL 61021
815-288-6231
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-003192
ASE JOB # 120083.10

MODEL: $MODELNAME$
FILE NAME: D:\64L27-sht-cvr08.dgn

USER NAME = $USER$	DESIGNED - PS	REVISED -
	DRAWN - CH	REVISED -
PLOT SCALE = 50.0000 ' / in.	CHECKED - CF	REVISED -
PLOT DATE = 1/27/2023	DATE - 10/31/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

LAND SECTION 4 & 9	T 27N, R 6E OF 4TH P.M.
JOB# R-92-007-16	DRAWER FOLDER
SCALE: 1" = 50'	SHEET 8 OF 10 SHEETS
STA. 271+00 TO STA. 285+00	

COMPLETION DATE OF FIELD WORK PERFORMED
LAND SURVEY: 11/14/2022 ROW STAKING: mo/dy/yr

F.A.*. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	118
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301 (US 20), FAP/S 654/1087 (IL 73)

SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) AND BASIS OF COORDINATES & BEARINGS STATEMENT ON SHEET 2

PROPOSED RIGHT OF WAY

POINT	NORTHING	EASTING
45040	2072691.1398	2390765.6254
45041	2072692.9925	2390835.6009
45042	2072634.2045	2390882.1731
45043	2072635.7924	2390942.1520
45044	2072696.8300	2390980.5501
45045	2072691.7298	2391165.7499
45046	2072702.0212	2391365.5475
45047	2072707.1924	2391515.4632
45048	2072693.0290	2391590.8644
45049	2072658.6552	2391616.7833
45050	2072630.7830	2391697.5492
45051	2072686.8224	2391736.0796
45052	2072715.2542	2391865.3724
45053	2072709.2276	2392015.5845
45081	2072820.2174	2391862.5920
45082	2072870.5666	2391686.1977
45083	2072827.9340	2391587.2913
45084	2072808.3077	2391412.7496
45085	2072813.0110	2391212.5550
45086	2072791.3997	2390963.0396
45087	2072820.7276	2390937.2544
45088	2072819.1396	2390877.2754
45089	2072783.0932	2390838.2157
45090	2072781.1083	2390763.2420

EXISTING FAS RTE. 301

STATION	NORTHING	EASTING
PT 237+19.69	2072721.8349	2385984.5184
PC 271+67.53	2072707.2404	2389432.3242
PT 275+83.31	2072711.8628	2389848.0597
PC 313+20.01	2072810.7586	2393583.4587

N

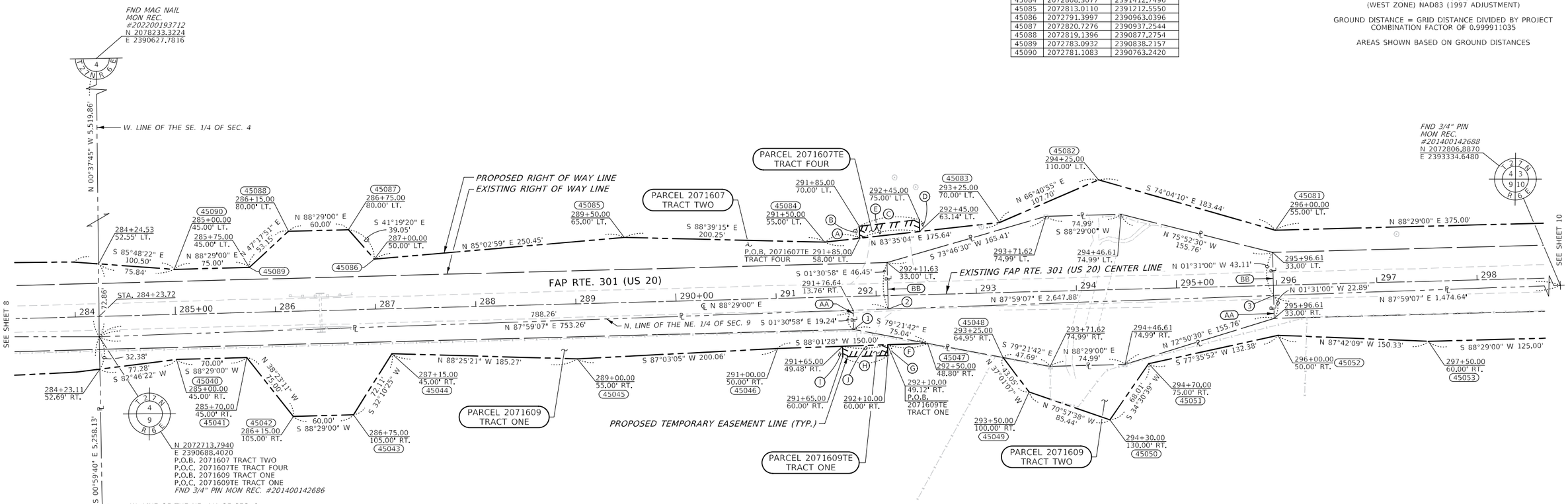
0 50 100 150

SCALE IN FEET

ALL COORDINATES, BEARINGS AND DISTANCES SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE (WEST ZONE) NAD83 (1997 ADJUSTMENT)

GROUND DISTANCE = GRID DISTANCE DIVIDED BY PROJECT COMBINATION FACTOR OF 0.999911035

AREAS SHOWN BASED ON GROUND DISTANCES



LINE LEGEND

(A) N 83°35'04" E 35.13'
(B) N 01°31'00" W 12.00'
(C) N 83°43'11" E 60.21'
(D) S 01°31'00" E 11.86'
(E) S 83°35'04" W 60.22'
(F) S 88°01'28" W 40.00'
(G) S 01°31'00" E 10.88'
(H) S 88°29'00" W 45.00'
(I) N 01°31'00" W 10.52'
(J) N 88°01'28" E 45.00'

(1) 291+76.64 33.00' RT.
(2) 292+11.63 33.00' LT.
(3) 295+96.61 10.11' RT.

(AA) E. & W LINE OF A TRACT OF LAND DESCRIBED IN WARRANTY DEED TO STATE OF ILLINOIS REC. 11/01/1983 AS DOC. NO. 95-2656

(BB) E. & W LINE OF A TRACT OF LAND DESCRIBED IN WARRANTY DEED TO STATE OF ILLINOIS REC. 12/05/1983 AS DOC. NO. 95-3168

STATE OF ILLINOIS)
COUNTY OF LEE) SS
SURVEYOR'S STATEMENT)

I, COVENTINE FIDIS, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT: I HAVE SURVEYED THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON; THIS PLAT IS A TRUE AND CORRECT REPRESENTATION OF SAID SURVEY PURSUANT TO THE ILLINOIS PLAT ACT, SECTION 1(b)(6) AND SECTION 9 THEREOF; AND THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

DATED THIS ___ DAY OF _____, 2022

STATE OF ILLINOIS · COVENTINE FIDIS · 35-2159 · DIXON, ILL. · PROFESSIONAL LAND SURVEYOR

COVENTINE FIDIS - ILLINOIS PROFESSIONAL
LAND SURVEYOR NO. 35-2159
AMERICAN SURVEYING & ENGINEERING
MY LICENSE EXPIRES 11/30/24

NOTE: TOTAL HOLDING AREA ACCORDING TO COUNTY ASSESSMENT.

PARCEL NO.	OWNER	TRACT NUMBER (IF APPLICABLE)	TOTAL HOLDING		ROW REQUIRED								EASEMENTS			PERMANENT TAX NUMBER AFFECTED	PROPERTY ACQUIRED BY
					TOAL AREA REQUIRED		AREA IN EXISTING ROADWAY		NET AREA REQUIRED		AREA REMAINING		PE=PERMANENT TE=TEMPORARY		EASEMENT PURPOSE		
			ACRES	SQ FT	ACRES	SQFT	ACRES	SQ FT	ACRES	SQ FT	ACRES	SQ FT	ACRES	SQ FT			
2071609	SUSAN M. REES *SEE SHEETS 9 & 10	TOTAL ONE TWO THREE	136.800		2.815 0.709 2.106		1.364 0.276 1.088		1.451 0.433 1.018		133.985		0.011 TE 0.009 TE 0.011 TE	482 TE 400 TE 500 TE	ENTRANCE CONSTRUCTION	10-12-09-200-004	

AMERICAN
SURVEYING & ENGINEERING, P.C.
841 N. Galena Ave. Dixon, IL 61021
815-288-8231
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-003192
ASE JOB # 120083.10

USER NAME = hillsc	DESIGNED - PS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAT OF HIGHWAYS
	DRAWN - CH	REVISED -		LAND SECTION 4 & 9 — T 27N, R 6E OF 4TH P.M.
PLOT SCALE = 50.0000 ' / in.	CHECKED - CF	REVISED -		JOB# R-92-007-16 — DRAWER FOLDER
PLOT DATE = 9/15/2023	DATE - 10/31/2022	REVISED -		SCALE: 1" = 50' — SHEET 9 OF 10 SHEETS — STA. 284+00 TO STA. 298+00

COMPLETION DATE OF FIELD WORK PERFORMED
LAND SURVEY: 11/14/2022 — ROW STAKING: mo/dy/yr

F.A.*. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	119
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301 (US 20), FAP/S 654/1087 (IL 73)

MODEL: Default
FILE NAME: J:\120083.10\Land Acq\D2641.27-sht-row09.dgn

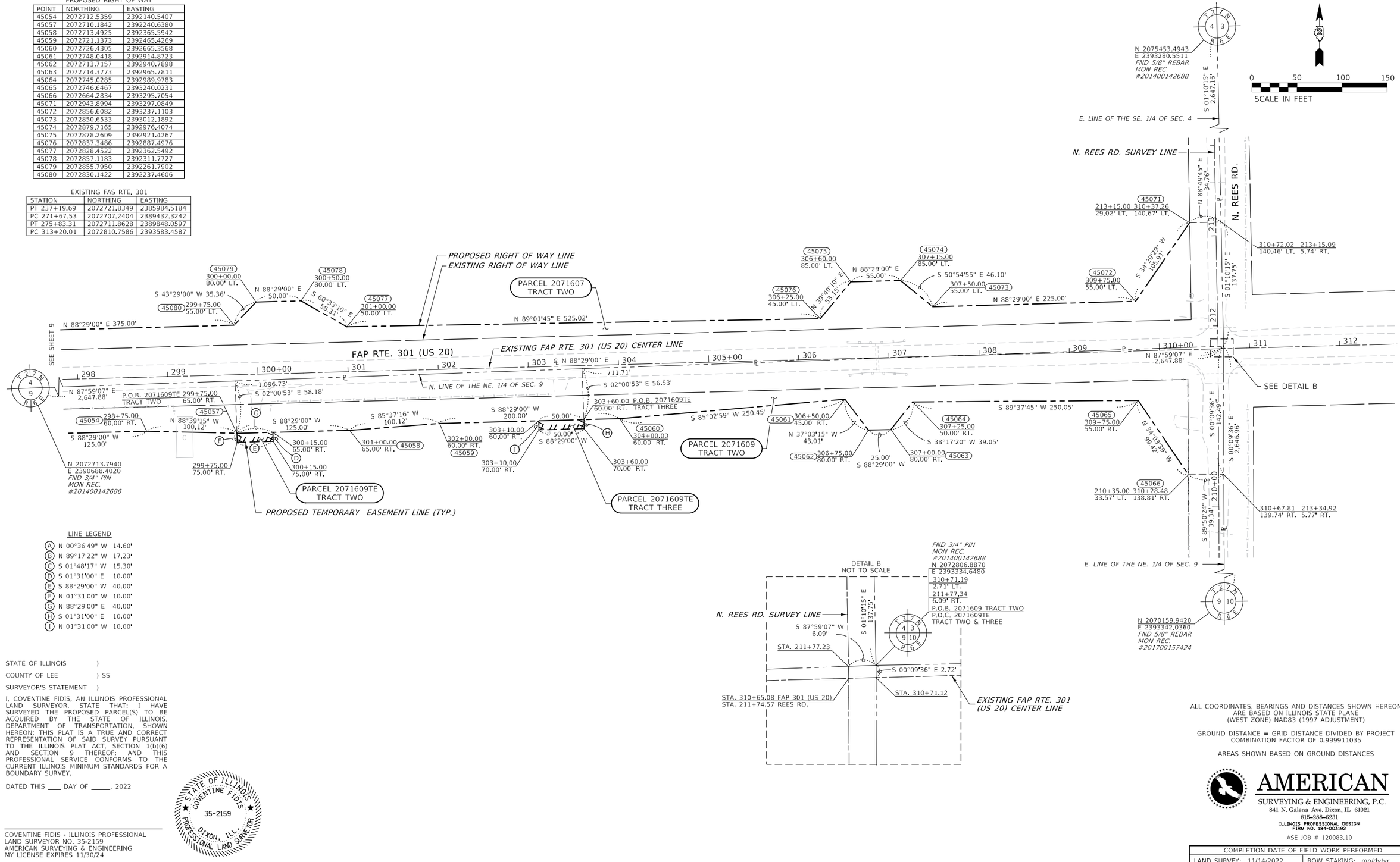
SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) AND BASIS OF COORDINATES & BEARINGS STATEMENT ON SHEET 2

PROPOSED RIGHT OF WAY

POINT	NORTHING	EASTING
45054	2072712.5359	2392140.5407
45057	2072710.1842	2392240.6380
45058	2072713.4925	2392365.5942
45059	2072721.1373	2392465.4269
45060	2072726.4305	2392665.3568
45061	2072748.0418	2392914.8723
45062	2072713.7157	2392940.7898
45063	2072714.3773	2392965.7811
45064	2072745.0285	2392989.9783
45065	2072746.6467	2393240.0231
45066	2072664.2834	2393295.7054
45071	2072943.8994	2393297.0849
45072	2072856.6082	2393237.1103
45073	2072850.6533	2393012.1892
45074	2072879.7165	2392976.4074
45075	2072878.2609	2392921.4267
45076	2072837.3486	2392887.4976
45077	2072828.4522	2392362.5492
45078	2072857.1183	2392311.7727
45079	2072855.7950	2392261.7902
45080	2072830.1422	2392237.4606

EXISTING FAS RTE. 301

STATION	NORTHING	EASTING
PT 237+19.69	2072721.8349	2385984.5184
PC 271+67.53	2072707.2404	2389432.3242
PT 275+83.31	2072711.8628	2389848.0597
PC 313+20.01	2072810.7586	2393583.4587



LINE LEGEND

A	N 00°36'49" W	14.60'
B	N 89°17'22" W	17.23'
C	S 01°48'17" W	15.30'
D	S 01°31'00" E	10.00'
E	S 88°29'00" W	40.00'
F	N 01°31'00" W	10.00'
G	N 88°29'00" E	40.00'
H	S 01°31'00" E	10.00'
I	N 01°31'00" W	10.00'

STATE OF ILLINOIS)
COUNTY OF LEE) SS
SURVEYOR'S STATEMENT)

I, COVENTINE FIDIS, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT: I HAVE SURVEYED THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON; THIS PLAT IS A TRUE AND CORRECT REPRESENTATION OF SAID SURVEY PURSUANT TO THE ILLINOIS PLAT ACT, SECTION 1(b)(6) AND SECTION 9 THEREOF; AND THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

DATED THIS ___ DAY OF _____, 2022

STATE OF ILLINOIS
COVENTINE FIDIS
35-2159
DIXON, ILL.
PROFESSIONAL LAND SURVEYOR

COVENTINE FIDIS - ILLINOIS PROFESSIONAL
LAND SURVEYOR NO. 35-2159
AMERICAN SURVEYING & ENGINEERING
MY LICENSE EXPIRES 11/30/24

ALL COORDINATES, BEARINGS AND DISTANCES SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE (WEST ZONE) NAD83 (1997 ADJUSTMENT)

GROUND DISTANCE = GRID DISTANCE DIVIDED BY PROJECT COMBINATION FACTOR OF 0.999911035

AREAS SHOWN BASED ON GROUND DISTANCES

AMERICAN
SURVEYING & ENGINEERING, P.C.
841 N. Galena Ave. Dixon, IL 61021
815-288-6231
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-003192
ASE JOB # 120083.10

MODEL: Default
FILE NAME: J:\120083.10\Land Acq\D2641.27-sht-row10.dgn

USER NAME = hillsc	DESIGNED - PS	REVISED - 9/15/2023	
	DRAWN - CH	REVISED -	
PLOT SCALE = 50.0000 ' / in.	CHECKED - CF	REVISED -	
PLOT DATE = 9/15/2023	DATE - 10/31/2022	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

LAND SECTION 4 & 9	T 27N, R 6E OF 4TH P.M.
JOB# R-92-007-16	DRAWER FOLDER
SCALE: 1" = 50'	SHEET 10 OF 10 SHEETS STA. 298+00 TO STA. 312+00

COMPLETION DATE OF FIELD WORK PERFORMED
LAND SURVEY: 11/14/2022 ROW STAKING: mo/dy/yr

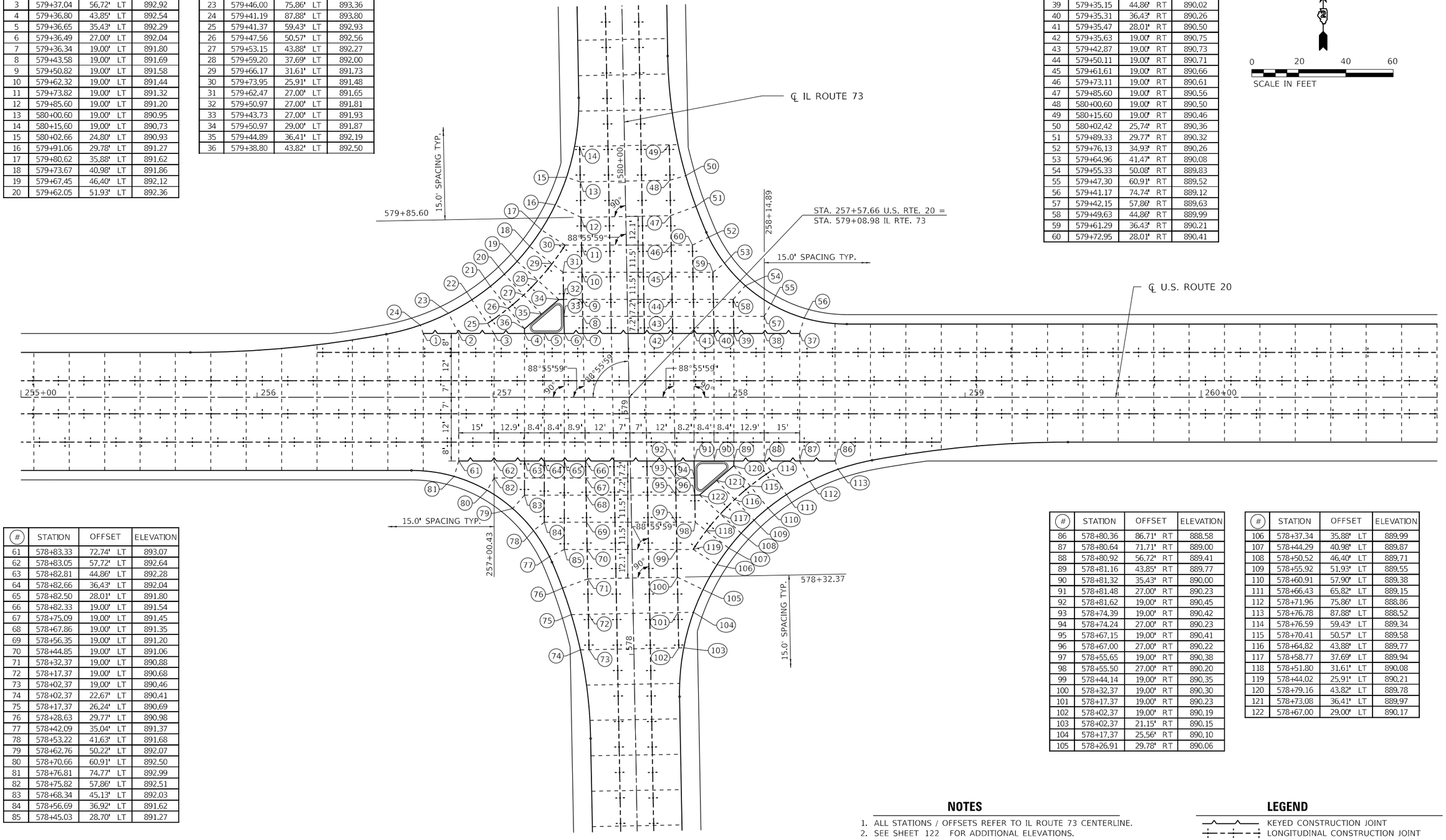
F.A.*. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	120
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301 (US 20), FAP/S 654/1087 (IL 73)

#	STATION	OFFSET	ELEVATION
1	579+37.60	86.71' LT	893.83
2	579+37.32	71.71' LT	893.37
3	579+37.04	56.72' LT	892.92
4	579+36.80	43.85' LT	892.54
5	579+36.65	35.43' LT	892.29
6	579+36.49	27.00' LT	892.04
7	579+36.34	19.00' LT	891.80
8	579+43.58	19.00' LT	891.69
9	579+50.82	19.00' LT	891.58
10	579+62.32	19.00' LT	891.44
11	579+73.82	19.00' LT	891.32
12	579+85.60	19.00' LT	891.20
13	580+00.60	19.00' LT	890.95
14	580+15.60	19.00' LT	890.73
15	580+02.66	24.80' LT	890.93
16	579+91.06	29.78' LT	891.27
17	579+80.62	35.88' LT	891.62
18	579+73.67	40.98' LT	891.86
19	579+67.45	46.40' LT	892.12
20	579+62.05	51.93' LT	892.36

#	STATION	OFFSET	ELEVATION
21	579+57.06	57.90' LT	892.62
22	579+51.54	65.82' LT	892.96
23	579+46.00	75.86' LT	893.36
24	579+41.19	87.88' LT	893.80
25	579+41.37	59.43' LT	892.93
26	579+47.56	50.57' LT	892.56
27	579+53.15	43.88' LT	892.27
28	579+59.20	37.69' LT	892.00
29	579+66.17	31.61' LT	891.73
30	579+73.95	25.91' LT	891.48
31	579+62.47	27.00' LT	891.65
32	579+50.97	27.00' LT	891.81
33	579+43.73	27.00' LT	891.93
34	579+50.97	29.00' LT	891.87
35	579+44.89	36.41' LT	892.19
36	579+38.80	43.82' LT	892.50

#	STATION	OFFSET	ELEVATION
37	579+34.63	72.72' RT	889.23
38	579+34.91	57.72' RT	889.65
39	579+35.15	44.86' RT	890.02
40	579+35.31	36.43' RT	890.26
41	579+35.47	28.01' RT	890.50
42	579+35.63	19.00' RT	890.75
43	579+42.87	19.00' RT	890.73
44	579+50.11	19.00' RT	890.71
45	579+61.61	19.00' RT	890.66
46	579+73.11	19.00' RT	890.61
47	579+85.60	19.00' RT	890.56
48	580+00.60	19.00' RT	890.50
49	580+15.60	19.00' RT	890.46
50	580+02.42	25.74' RT	890.36
51	579+89.33	29.77' RT	890.32
52	579+76.13	34.93' RT	890.26
53	579+64.96	41.47' RT	890.08
54	579+55.33	50.08' RT	889.83
55	579+47.30	60.91' RT	889.52
56	579+41.17	74.74' RT	889.12
57	579+42.15	57.86' RT	889.63
58	579+49.63	44.86' RT	889.99
59	579+61.29	36.43' RT	890.21
60	579+72.95	28.01' RT	890.41



#	STATION	OFFSET	ELEVATION
61	578+83.33	72.74' LT	893.07
62	578+83.05	57.72' LT	892.64
63	578+82.81	44.86' LT	892.28
64	578+82.66	36.43' LT	892.04
65	578+82.50	28.01' LT	891.80
66	578+82.33	19.00' LT	891.54
67	578+75.09	19.00' LT	891.45
68	578+67.86	19.00' LT	891.35
69	578+56.35	19.00' LT	891.20
70	578+44.85	19.00' LT	891.06
71	578+32.37	19.00' LT	890.88
72	578+17.37	19.00' LT	890.68
73	578+02.37	19.00' LT	890.46
74	578+02.37	22.67' LT	890.41
75	578+17.37	26.24' LT	890.69
76	578+28.63	29.77' LT	890.98
77	578+42.09	35.04' LT	891.37
78	578+53.22	41.63' LT	891.68
79	578+62.76	50.22' LT	892.07
80	578+70.66	60.91' LT	892.50
81	578+76.81	74.77' LT	892.99
82	578+75.82	57.86' LT	892.51
83	578+68.34	45.13' LT	892.03
84	578+56.69	36.92' LT	891.62
85	578+45.03	28.70' LT	891.27

#	STATION	OFFSET	ELEVATION
86	578+80.36	86.71' RT	888.58
87	578+80.64	71.71' RT	889.00
88	578+80.92	56.72' RT	889.41
89	578+81.16	43.85' RT	889.77
90	578+81.32	35.43' RT	890.00
91	578+81.48	27.00' RT	890.23
92	578+81.62	19.00' RT	890.45
93	578+74.39	19.00' RT	890.42
94	578+74.24	27.00' RT	890.23
95	578+67.15	19.00' RT	890.41
96	578+67.00	27.00' RT	890.22
97	578+55.65	19.00' RT	890.38
98	578+55.50	27.00' RT	890.20
99	578+44.14	19.00' RT	890.35
100	578+32.37	19.00' RT	890.30
101	578+17.37	19.00' RT	890.23
102	578+02.37	19.00' RT	890.19
103	578+02.37	21.15' RT	890.15
104	578+17.37	25.56' RT	890.10
105	578+26.91	29.78' RT	890.06

#	STATION	OFFSET	ELEVATION
106	578+37.34	35.88' LT	889.99
107	578+44.29	40.98' LT	889.87
108	578+50.52	46.40' LT	889.71
109	578+55.92	51.93' LT	889.55
110	578+60.91	57.90' LT	889.38
111	578+66.43	65.82' LT	889.15
112	578+71.96	75.86' LT	888.86
113	578+76.78	87.88' LT	888.52
114	578+76.59	59.43' LT	889.34
115	578+70.41	50.57' LT	889.58
116	578+64.82	43.88' LT	889.77
117	578+58.77	37.69' LT	889.94
118	578+51.80	31.61' LT	890.08
119	578+44.02	25.91' LT	890.21
120	578+79.16	43.82' LT	889.78
121	578+73.08	36.41' LT	889.97
122	578+67.00	29.00' LT	890.17

N

0 20 40 60

SCALE IN FEET

NOTES

1. ALL STATIONS / OFFSETS REFER TO IL ROUTE 73 CENTERLINE.
2. SEE SHEET 122 FOR ADDITIONAL ELEVATIONS.

LEGEND

- KEYED CONSTRUCTION JOINT
- LONGITUDINAL CONSTRUCTION JOINT
- TRANSVERSE SAWED CONTRACTION JOINT

MODEL: Default
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The Upchurch Group
architects engineers surveyors
Professional Design Firm Corporation License No. 184-003401
123 North 15th Street Mattoon, IL 61938 Phone: 217.235.3177
e-mail: upchurchgroup@upchurchgroup.com

USER NAME = Sta57	DESIGNED - SJF	REVISED -	
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 10/7/2025	DATE - 10/1/2025	REVISED -	

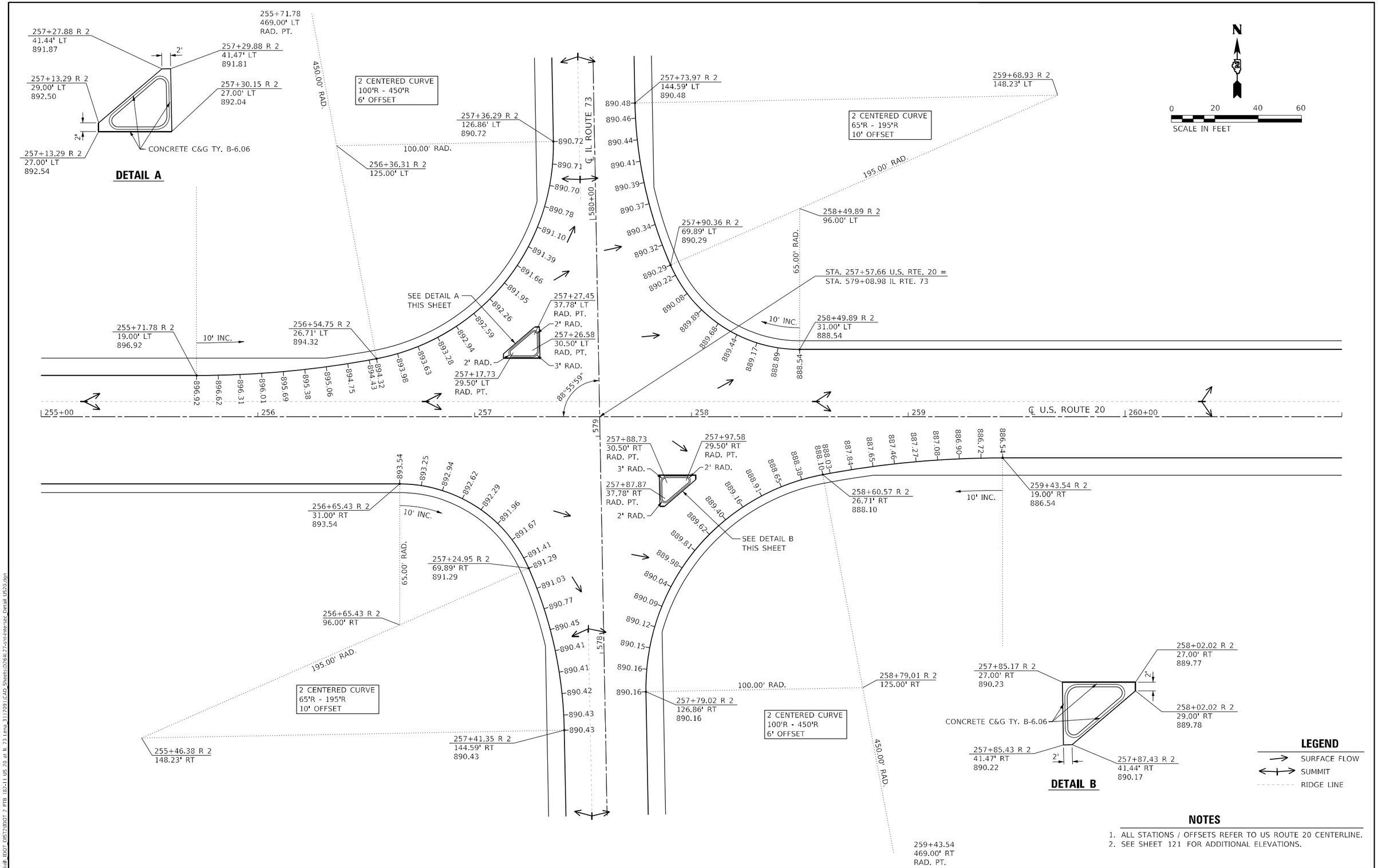
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
INTERSECTION LAYOUT AND ELEVATION DETAILS

SCALE: 40.0000 ' / in. | SHEET 1 OF 1 SHEETS | STA. 255+00.00 TO STA. 261+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	121
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087



NOTES

1. ALL STATIONS / OFFSETS REFER TO US ROUTE 20 CENTERLINE.
2. SEE SHEET 121 FOR ADDITIONAL ELEVATIONS.

MODEL: Default
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The Upchurch Group
architects engineers surveyors
Professional Design Firms Corporation License No.: 184-003401
123 North 15th Street Mattoon, IL 61938
Phone: 217.253.3177
e-mail: upchurchgroup@upchurchgroup.com

USER NAME = Sta42	DESIGNED - SJF	REVISED -
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
INTERSECTION LAYOUT AND ELEVATION DETAILS

SCALE: 40.0000 ' / in. | SHEET 1 OF 1 SHEETS | STA. 255+00.00 TO STA. 261+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	122
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

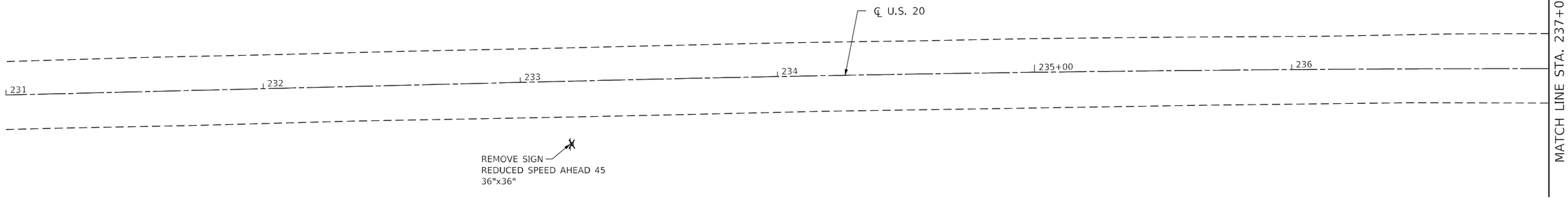
LEGEND

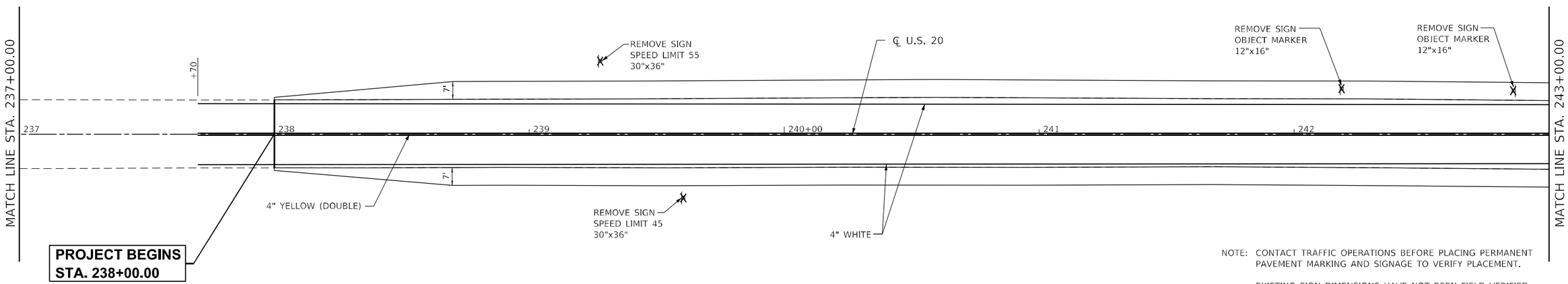
⊢	EXISTING SIGN
⊢	PROPOSED SIGN
X	REMOVE SIGN
BR	BROWN
GR	GREEN
RD	RED
WH	WHITE
YE	YELLOW
BL	BLUE

N

0 20 40 60

SCALE IN FEET





NOTE: CONTACT TRAFFIC OPERATIONS BEFORE PLACING PERMANENT PAVEMENT MARKING AND SIGNAGE TO VERIFY PLACEMENT.

EXISTING SIGN DIMENSIONS HAVE NOT BEEN FIELD VERIFIED. DIMENSIONS LISTED HAVE BEEN ESTIMATED. FIELD VERIFY PRIOR TO REMOVAL.

ALL PAVEMENT MARKINGS WILL BE MODIFIED URETHANE WITH GROOVING.

RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED PER DISTRICT 2 STANDARD 41.1.

The Upchurch Group
architects engineers surveyors
Professional Design Firm Corporation License No. 184-003001
123 North 15th Street Mattoon, IL 61938
Phone: 217.235.3177
e-mail: upchurchgroup@upchurchgroup.com

USER NAME = Sta42	DESIGNED - SJF	REVISED -	
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
SIGNING AND STRIPING PLAN

SCALE: 40.0000 ' / in. SHEET 1 OF 11 SHEETS STA. 231+00.00 TO STA. 243+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	123
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

MODEL: Default
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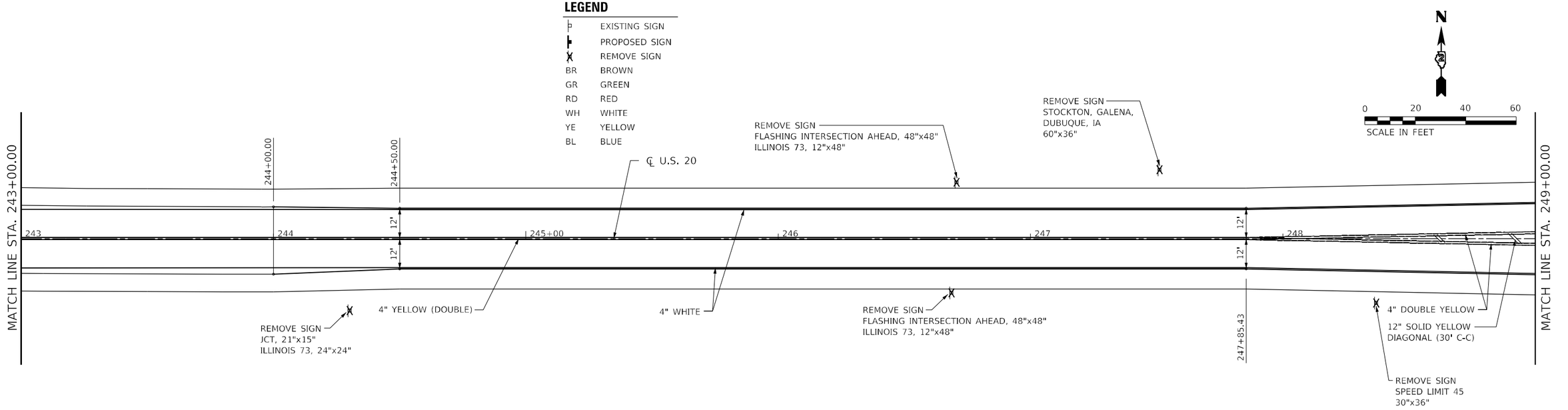
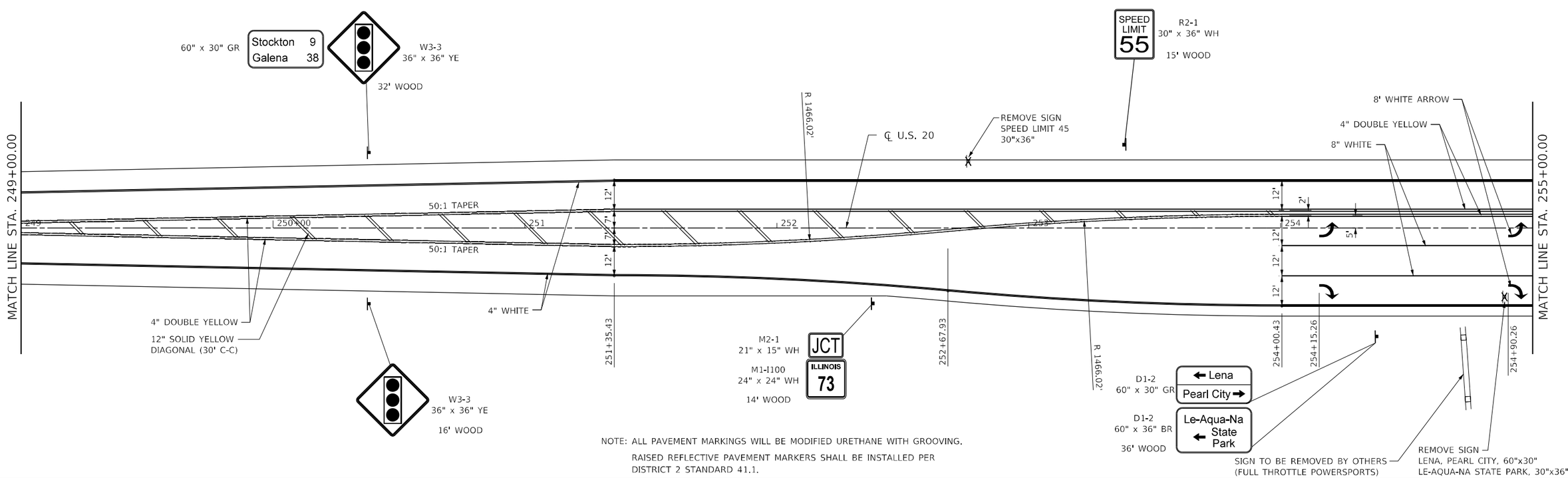
LEGEND

⊢	EXISTING SIGN
⊢	PROPOSED SIGN
X	REMOVE SIGN
BR	BROWN
GR	GREEN
RD	RED
WH	WHITE
YE	YELLOW
BL	BLUE





NOTE: ALL PAVEMENT MARKINGS WILL BE MODIFIED URETHANE WITH GROOVING.
RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED PER DISTRICT 2 STANDARD 41.1.

The Upchurch Group
architects engineers surveyors
Professional Design Firm Corporation License No. 184-003001
123 North 15th Street Mattoon, IL 61938
Phone: 217.235.3177
e-mail: upchurchgroup@upchurchgroup.com

USER NAME = Sta42	DESIGNED - SJF	REVISED -	
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
SIGNING AND STRIPING PLAN

SCALE: 40.0000 ' / in. | SHEET 2 OF 11 SHEETS | STA. 243+00.00 TO STA. 255+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	124
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

MODEL: Default
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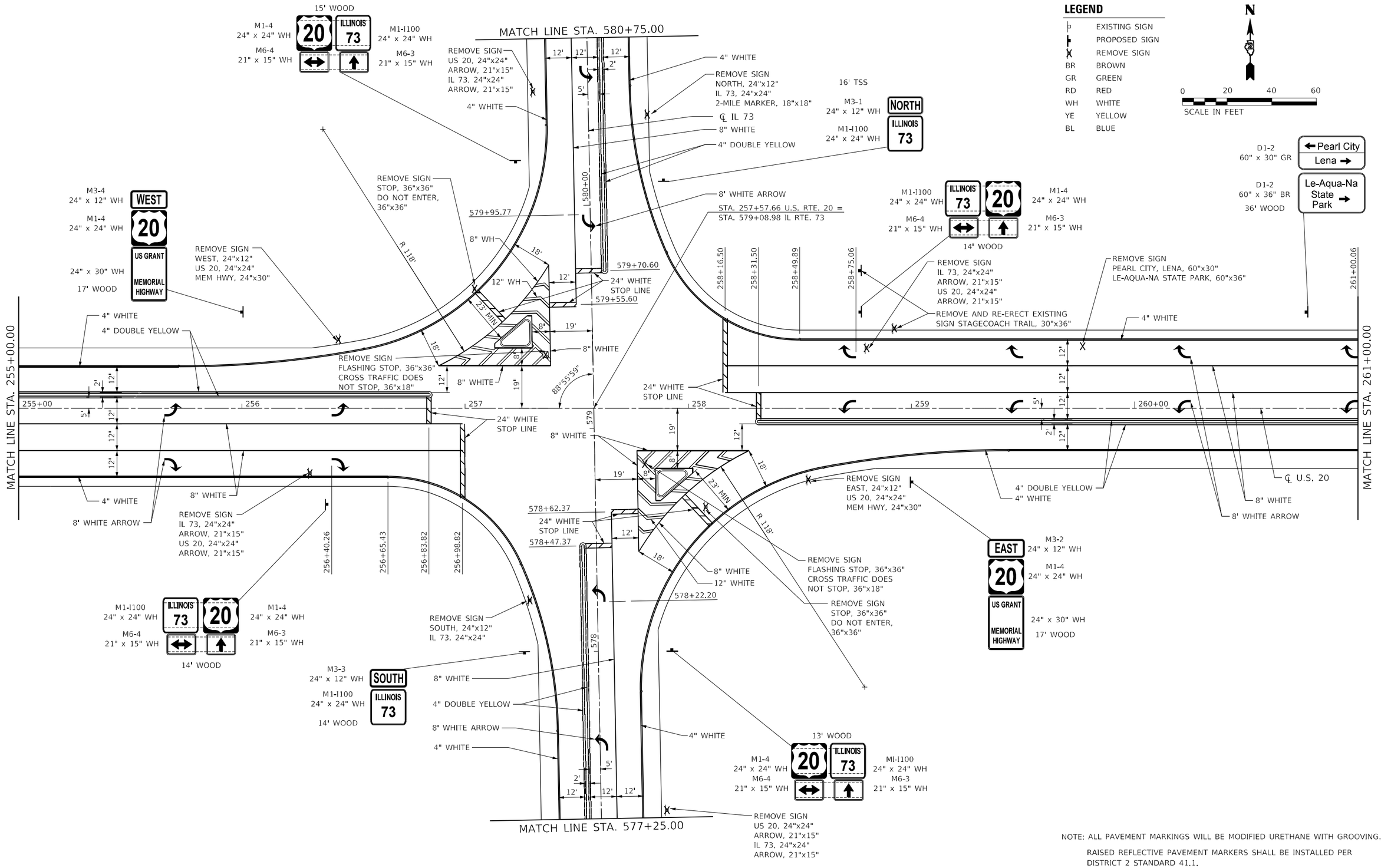

NOTE: ALL PAVEMENT MARKINGS WILL BE MODIFIED URETHANE WITH GROOVING.

RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED PER DISTRICT 2 STANDARD 41.1.

MODEL: Default
FILE NAME: P:\Civil_IDOT_DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Lena 3117091\C4D Sheets\D2641L27-sht-pmk3 U520.dgn

The Upchurch Group
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Professional Design Firm Corporation License No. 184-003101
123 North 15th Street Mattoon, IL 61938 Phone: 217.235.3177
e-mail: upchurchgroup@upchurchgroup.com

USER NAME = Sta42	DESIGNED - SJF	REVISED -	
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 10/1/2025	DATE - 10/1/2025	REVISED -	

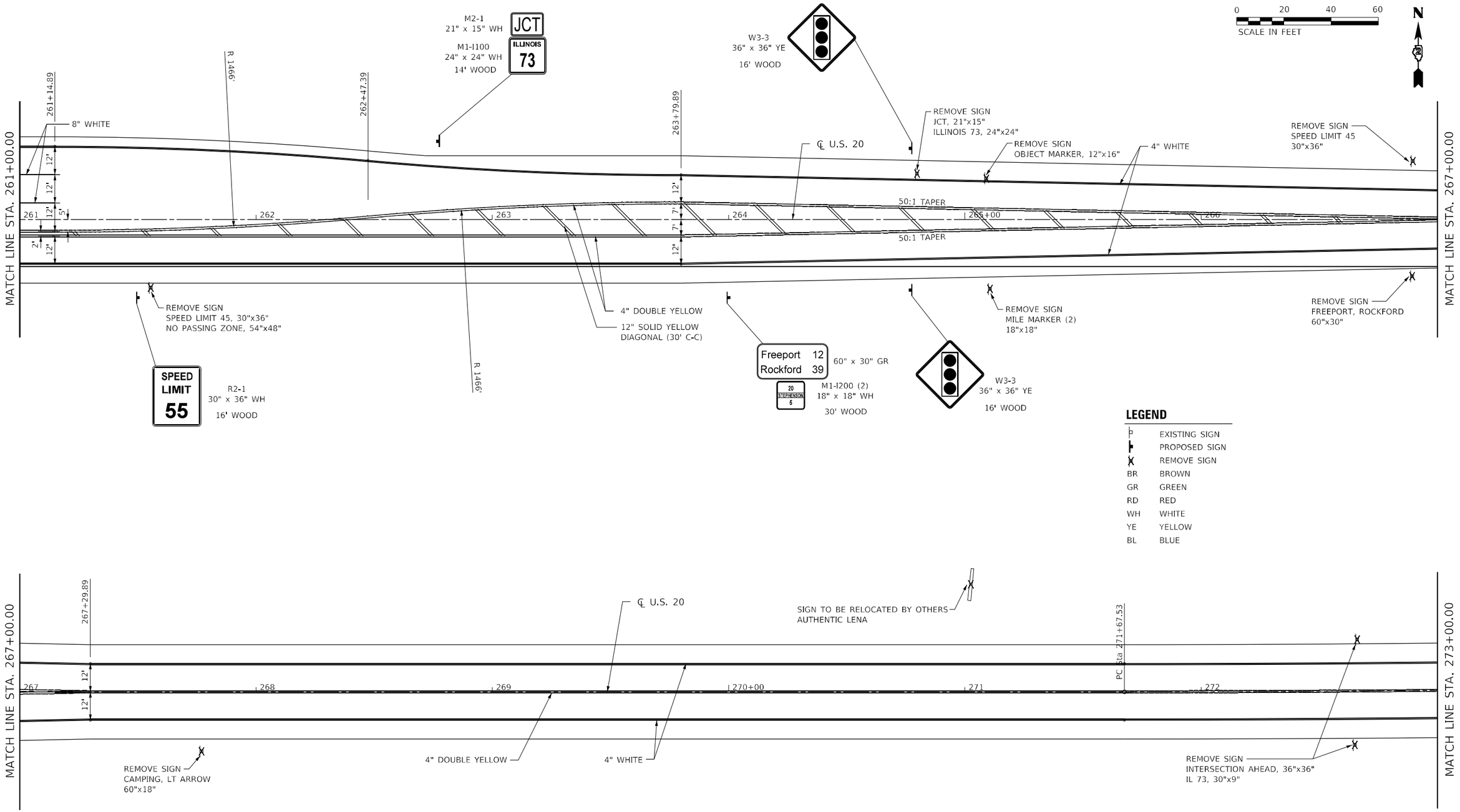
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
SIGNING AND STRIPING PLAN

SCALE: 40.0000 ' / in. | SHEET 3 OF 11 SHEETS | STA. 255+00.00 TO STA. 261+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	125
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087



NOTE: ALL PAVEMENT MARKINGS WILL BE MODIFIED URETHANE WITH GROOVING.

RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED PER DISTRICT 2 STANDARD 41.1.

MODEL: Default
FILE NAME: P:\Civil_IDOT_DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Lena 3117091\CAD Sheets\D2641L27-sht-pmkg_US20.dgn

The Upchurch Group
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123 North 15th Street Mattoon, IL 61938
Phone: 217.235.3177
e-mail: upchurchgroup@upchurchgroup.com

USER NAME = Sta42	DESIGNED - SJF	REVISED -	
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

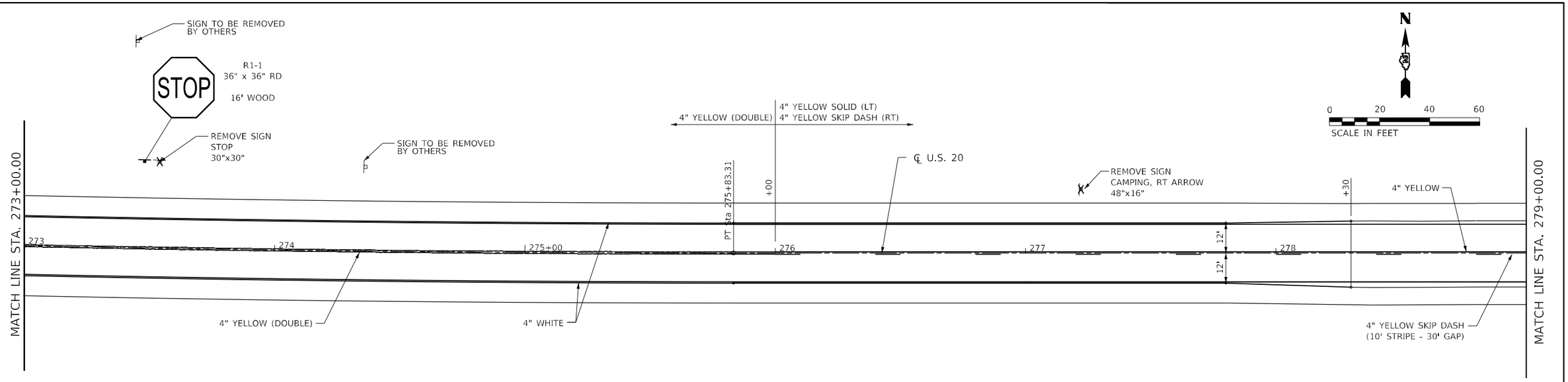
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

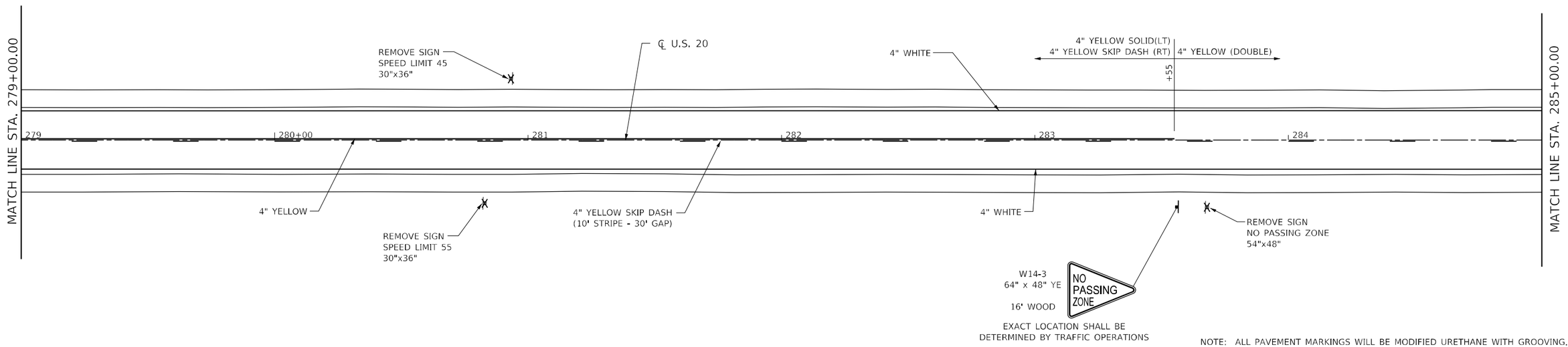
U.S. ROUTE 20
SIGNING AND STRIPING PLAN

SCALE: 40.0000 ' / in. | SHEET 4 OF 11 SHEETS | STA. 261+00.00 TO STA. 273+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	126
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087





LEGEND

P	EXISTING SIGN
P	PROPOSED SIGN
X	REMOVE SIGN
BR	BROWN
GR	GREEN
RD	RED
WH	WHITE
YE	YELLOW
BL	BLUE

NOTE: ALL PAVEMENT MARKINGS WILL BE MODIFIED URETHANE WITH GROOVING.

RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED PER DISTRICT 2 STANDARD 41.1.

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USER NAME = Sta42	DESIGNED - SJF	REVISED -	
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
SIGNING AND STRIPING PLAN

SCALE: 40.0000 ' / in. | SHEET 5 OF 11 SHEETS | STA. 273+00.00 TO STA. 285+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	127
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

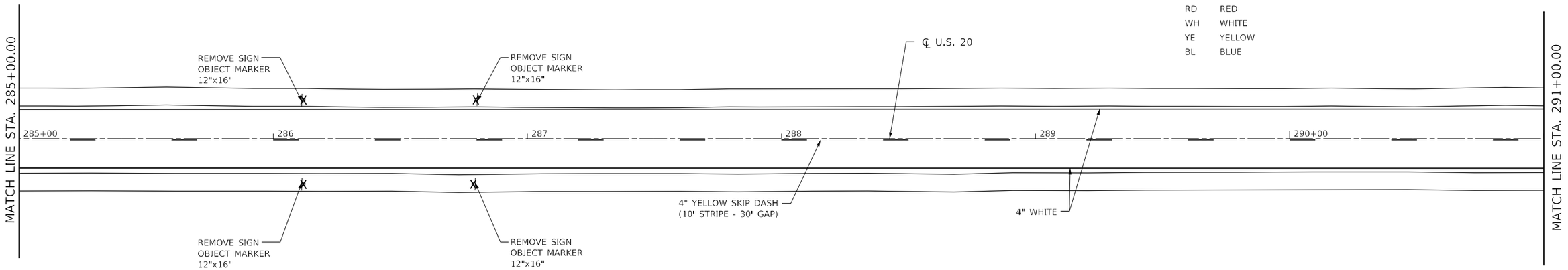
* FAP 301, FAP 654, FAS 1087

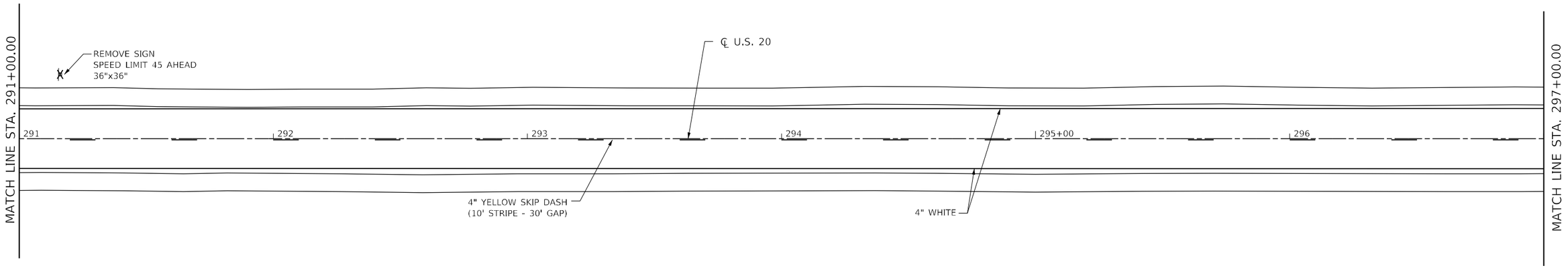
MODEL: Default
FILE NAME: P:\Civil\IDOT DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Lena 3117091\CAD Sheets\D2641L27-sht-pmks_US20.dgn

LEGEND

⊢	EXISTING SIGN
⊢	PROPOSED SIGN
X	REMOVE SIGN
BR	BROWN
GR	GREEN
RD	RED
WH	WHITE
YE	YELLOW
BL	BLUE

N





NOTE: ALL PAVEMENT MARKINGS WILL BE MODIFIED URETHANE WITH GROOVING.

RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED PER DISTRICT 2 STANDARD 41.1.

0 20 40 60
SCALE IN FEET

The Upchurch Group
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Phone: 217.235.3177
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USER NAME = Sta42	DESIGNED - SJF	REVISED -	
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
SIGNING AND STRIPING PLAN

SCALE: 40.0000 ' / in. | SHEET 6 OF 11 SHEETS | STA. 285+00.00 TO STA. 297+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	128
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

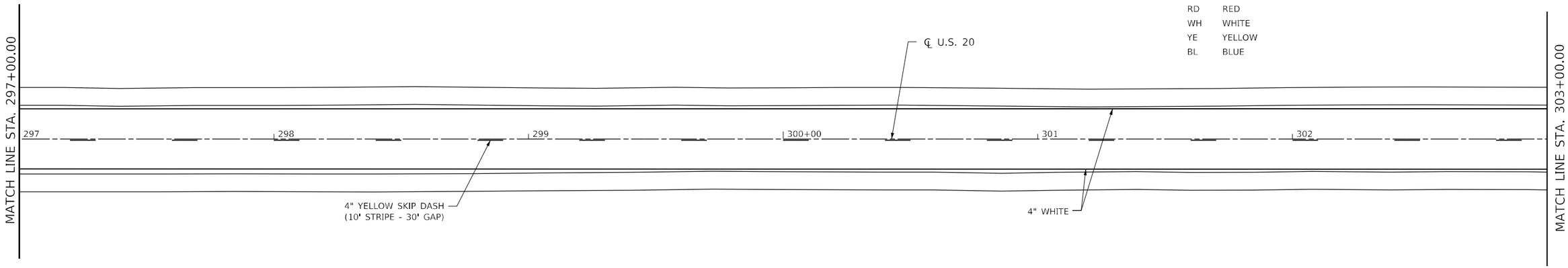
* FAP 301, FAP 654, FAS 1087

MODEL: Default
FILE NAME: P:\Civil_IDOT_DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Lena 3117091\CAD Sheets\D2641L27-sht-pmk6_US20.dgn

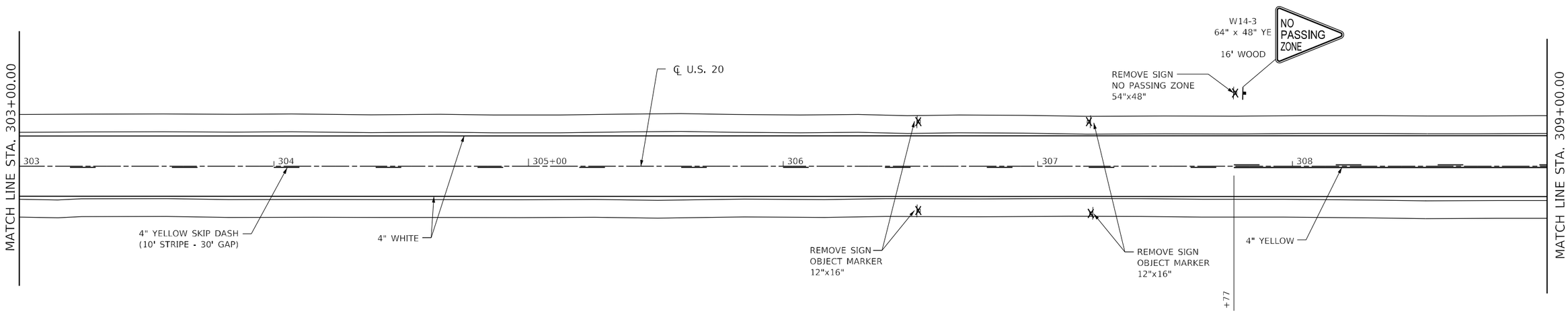
LEGEND

⊢	EXISTING SIGN
⊢	PROPOSED SIGN
⊢X	REMOVE SIGN
BR	BROWN
GR	GREEN
RD	RED
WH	WHITE
YE	YELLOW
BL	BLUE

N



0 20 40 60
SCALE IN FEET



NOTE: ALL PAVEMENT MARKINGS WILL BE MODIFIED URETHANE WITH GROOVING.

RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED PER DISTRICT 2 STANDARD 41.1.

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e-mail: upchurchgroup@upchurchgroup.com

USER NAME = Sta42	DESIGNED - SJF	REVISED -	**STATE OF ILLINOIS**	**U.S. ROUTE 20**	
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	**DEPARTMENT OF TRANSPORTATION**	**SIGNING AND STRIPING PLAN**	
PLOT SCALE = 40.0000 ' / in.	CHECKED - SJF	REVISED -		SCALE: 40.0000 ' / in. SHEET 7 OF 11 SHEETS STA. 297+00.00 TO STA. 303+00.00	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -			

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	129
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

MODEL: Default
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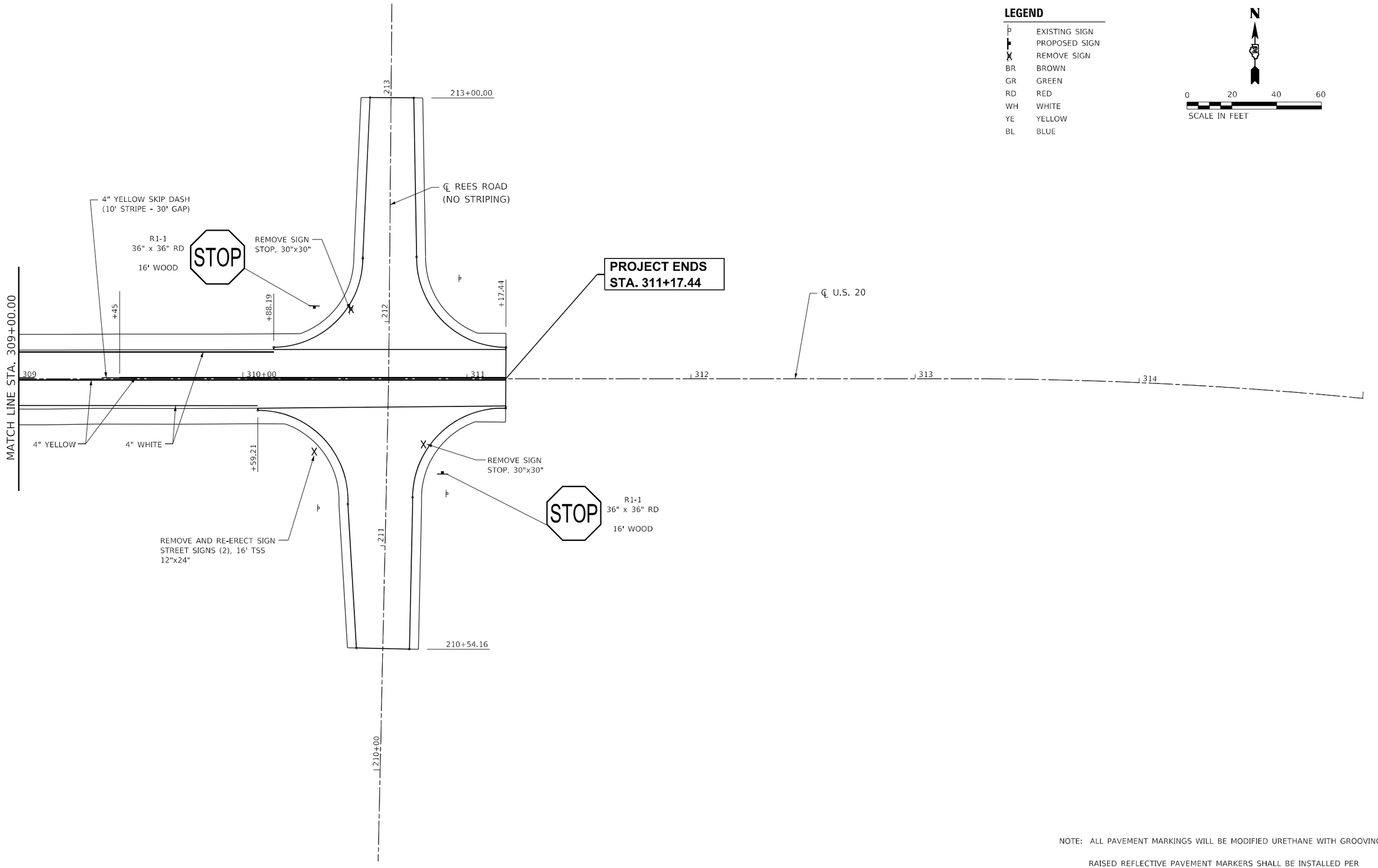

NOTE: ALL PAVEMENT MARKINGS WILL BE MODIFIED URETHANE WITH GROOVING.

RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED PER DISTRICT 2 STANDARD 41.1.

MODEL: Default
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USER NAME = Sta42	DESIGNED - SJF	REVISED -
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 10/10/2025	DATE - 10/1/2025	REVISED -

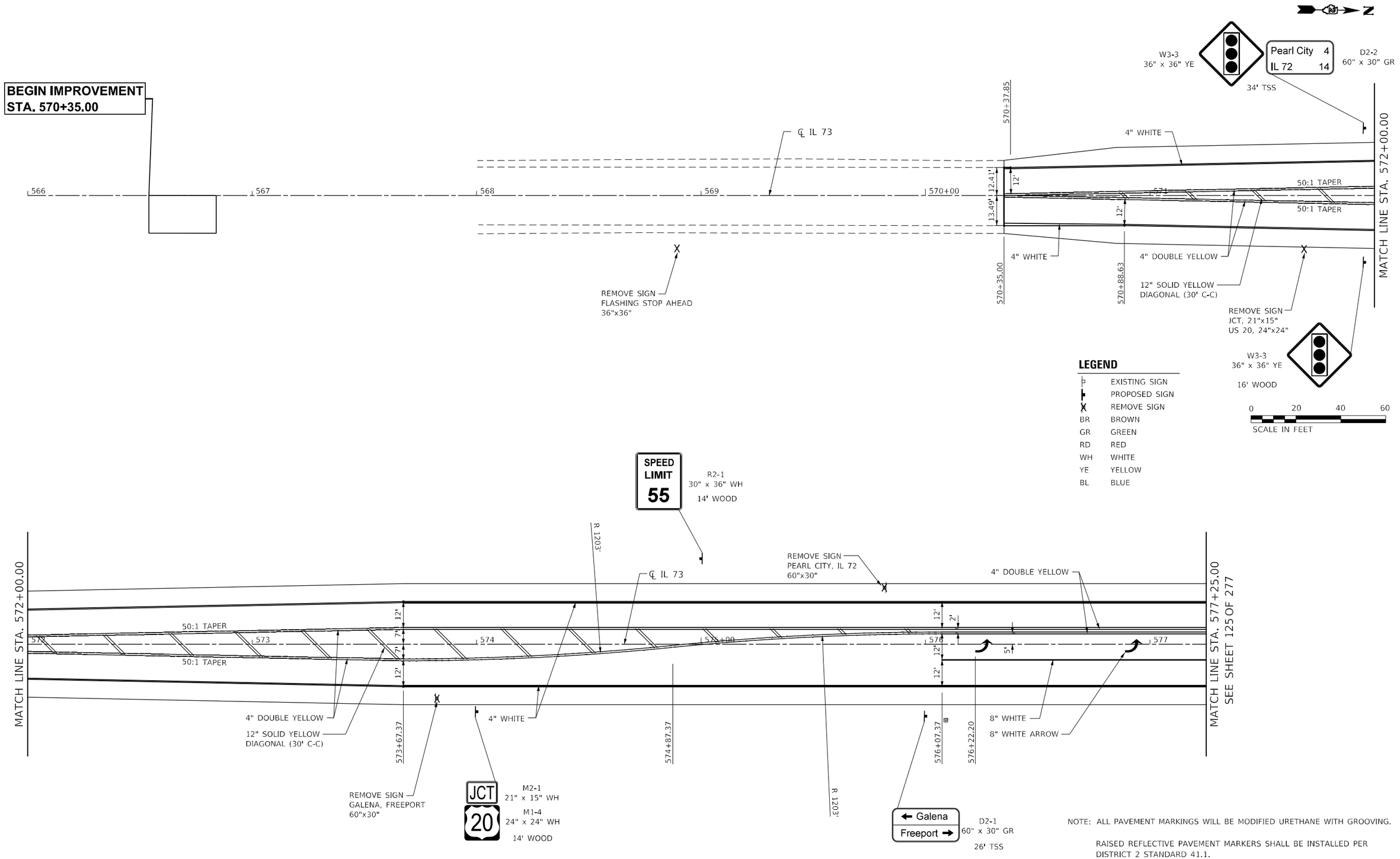
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
SIGNING AND STRIPING PLAN

SCALE: 40.0000 ' / in. | SHEET 8 OF 11 SHEETS | STA. 309+00.00 | TO STA. 315+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
"	(22, 107)R	STEPHENSON	277	130
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087



NOTE: ALL PAVEMENT MARKINGS WILL BE MODIFIED URETHANE WITH GROOVING.

RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED PER DISTRICT 2 STANDARD 41.1.

MODEL: Default
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USER NAME = Sta42	DESIGNED - SJF	REVISED -	
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

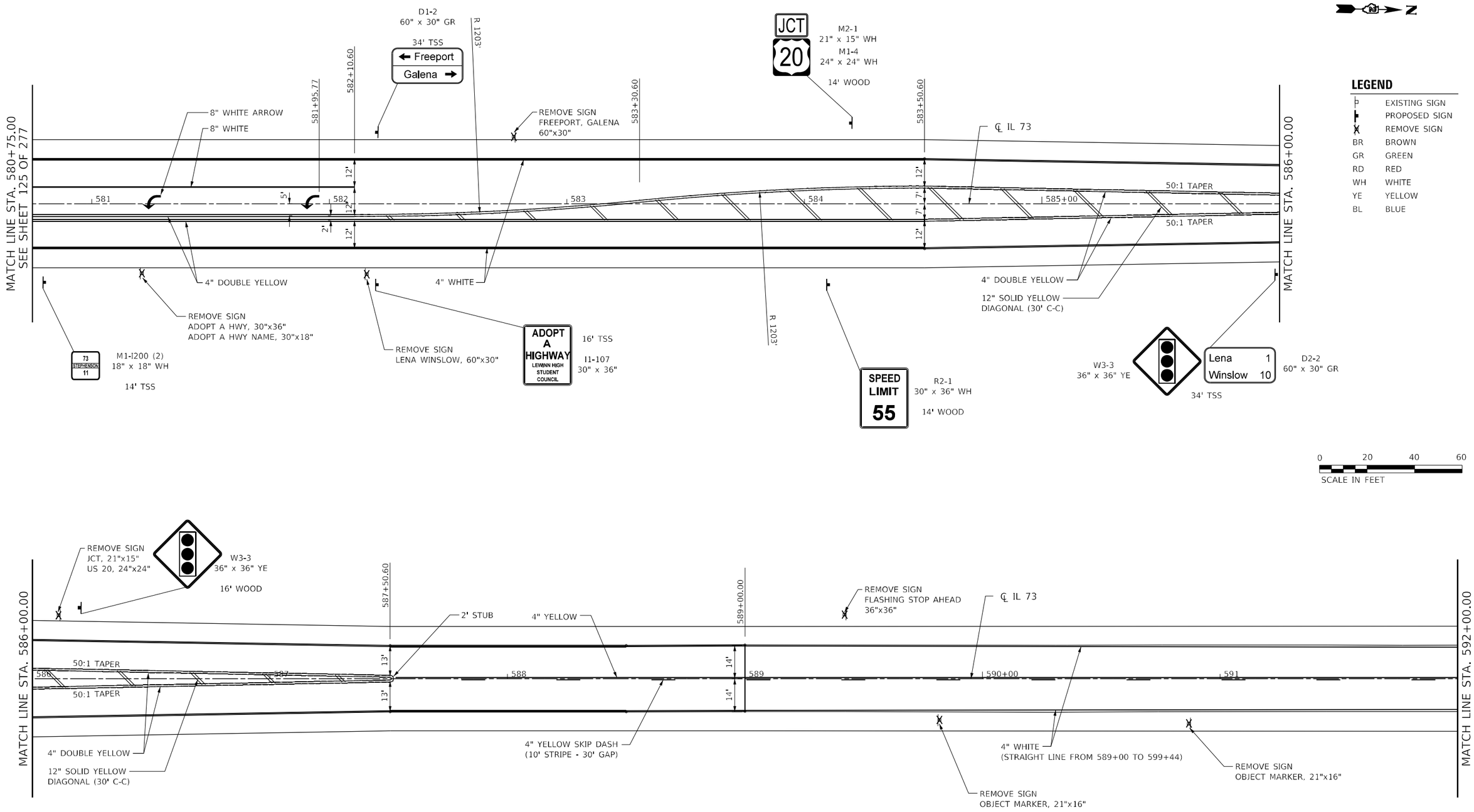
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 73
SIGNING AND STRIPING PLAN

SCALE: 40.0000 ' / in. | SHEET 9 OF 11 SHEETS | STA. 566+00.00 | TO STA. 577+25.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	131
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087



NOTE: ALL PAVEMENT MARKINGS WILL BE MODIFIED URETHANE WITH GROOVING.

RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED PER DISTRICT 2 STANDARD 41.1.

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USER NAME = Sta42	DESIGNED - SJF	REVISED -
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 73
SIGNING AND STRIPING PLAN

SCALE: 40.0000 ' / in. | SHEET 10 OF 11 SHEETS | STA. 580+75.00 TO STA. 592+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	132
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

MODEL: Default
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LEGEND

⊢	EXISTING SIGN
⊢	PROPOSED SIGN
⊢	REMOVE SIGN
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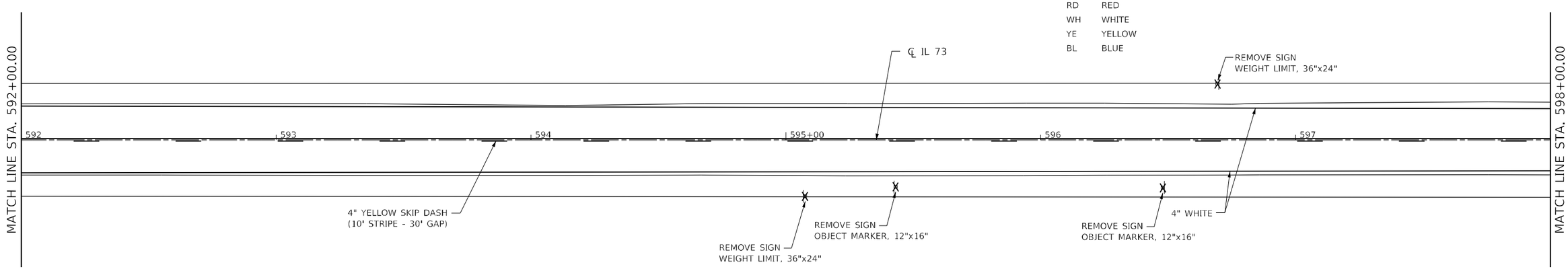
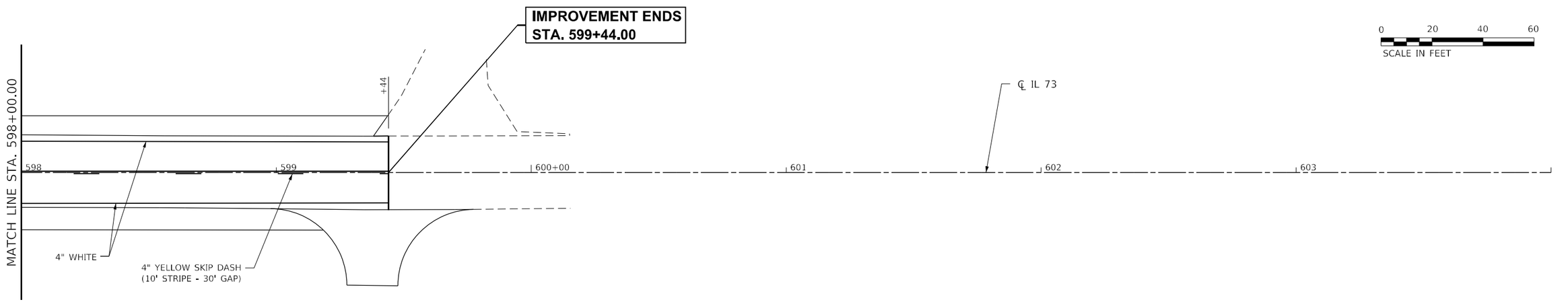
RD	RED
WH	WHITE
YE	YELLOW
BL	BLUE





NOTE: ALL PAVEMENT MARKINGS WILL BE MODIFIED URETHANE WITH GROOVING.

RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED PER DISTRICT 2 STANDARD 41.1.

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USER NAME = Sta42	DESIGNED - SJF	REVISED -	**STATE OF ILLINOIS**	**IL ROUTE 73**	
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	**DEPARTMENT OF TRANSPORTATION**	**SIGNING AND STRIPING PLAN**	
PLOT SCALE = 40.0000 ' / in.	CHECKED - SJF	REVISED -		SCALE: 40.0000 ' / in. SHEET 11 OF 11 SHEETS STA. 592+00.00 TO STA. 604+00.00	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -			

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	133
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

MODEL: Default
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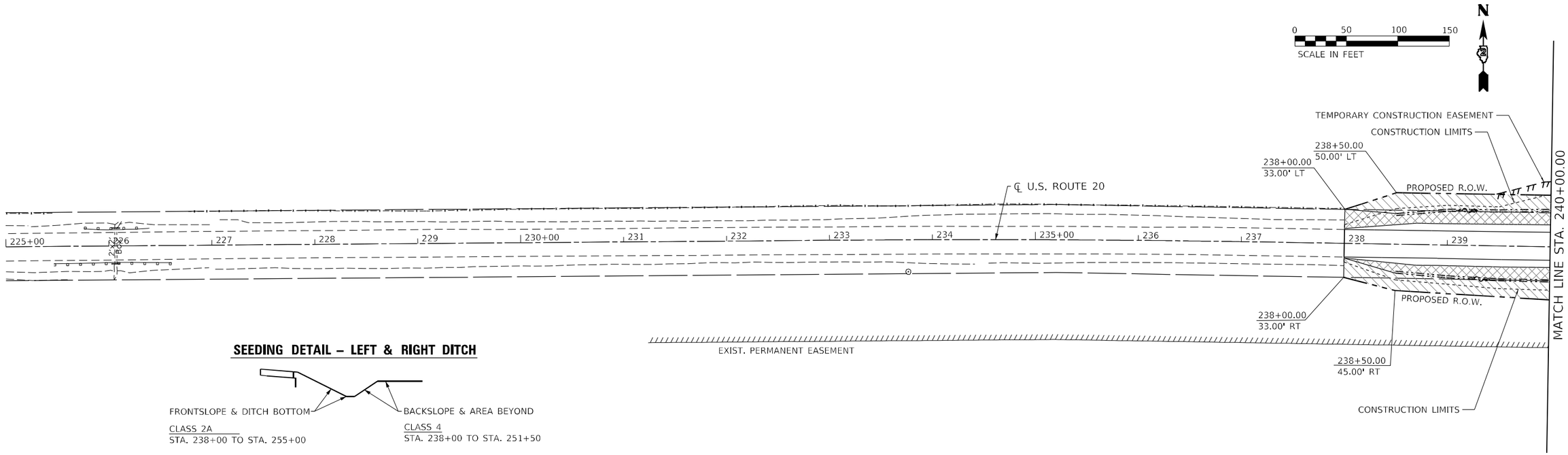
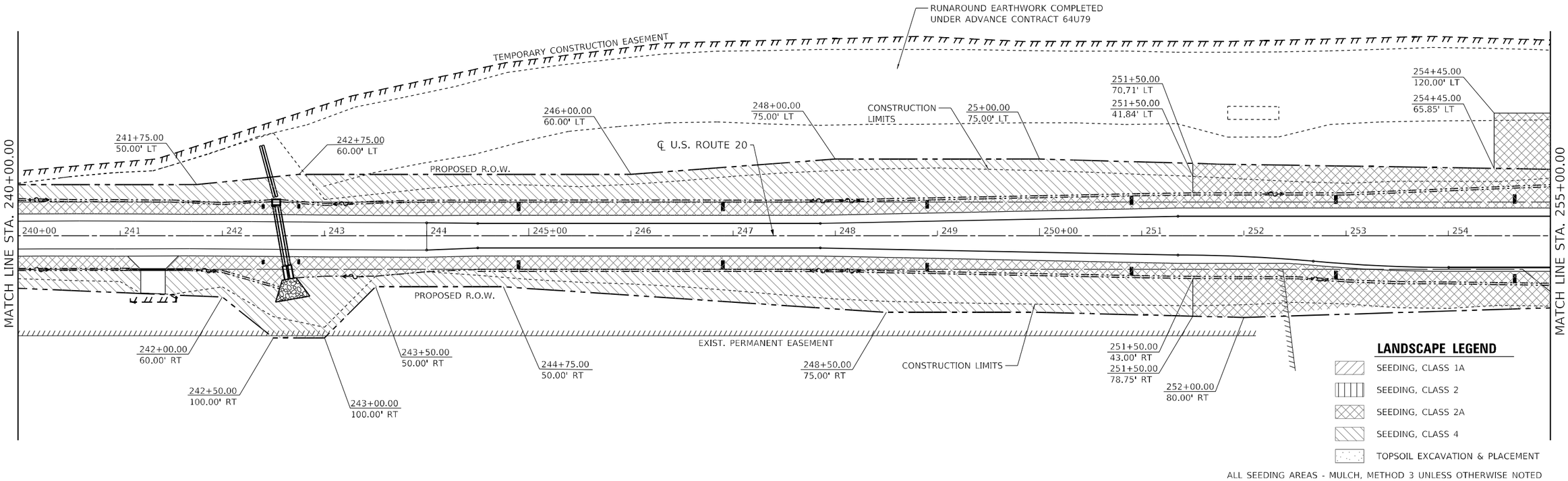


SEEDING DETAIL – LEFT & RIGHT DITCH

CLASS 2A
STA. 238+00 TO STA. 255+00

CLASS 4
STA. 238+00 TO STA. 251+50

CLASS 2A
STA. 251+50 TO STA. 255+00



LANDSCAPE LEGEND

- SEEDING, CLASS 1A
- SEEDING, CLASS 2
- SEEDING, CLASS 2A
- SEEDING, CLASS 4
- TOPSOIL EXCAVATION & PLACEMENT

ALL SEEDING AREAS - MULCH, METHOD 3 UNLESS OTHERWISE NOTED

MODEL: Default
FILE NAME: P:\Civil\IDOT DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Lena 3117091\CAD Sheets\032641-27-sht-ltdsc01 US20.dgn

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Mattoon, IL 61938
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e-mail: upchurchgroup@upchurchgroup.com

USER NAME = Sta42	DESIGNED - SJF	REVISED -
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -

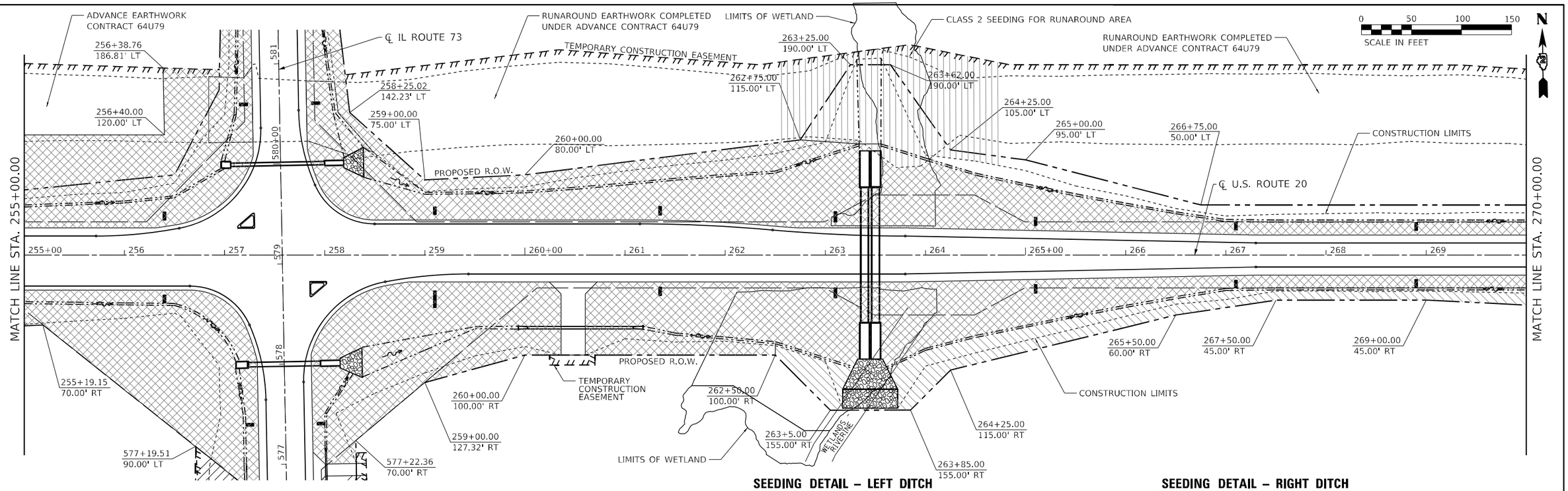
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
LANDSCAPING DETAILS

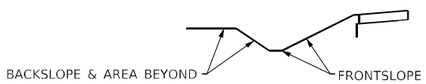
SCALE: 100.0000 ' / in. SHEET 1 OF 5 SHEETS STA. 225+00.00 TO STA. 255+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	134
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087



SEEDING DETAIL – LEFT DITCH



CLASS 1A
STA. 270+89.49 TO STA. 276+26.15

CLASS 2A
STA. 255+00 TO STA. 263+45
STA. 270+89.49 TO STA. 276+78.97

CLASS 4
STA. 262+50 TO STA. 270+89.49
STA. 276+78.97 TO STA. 285+00

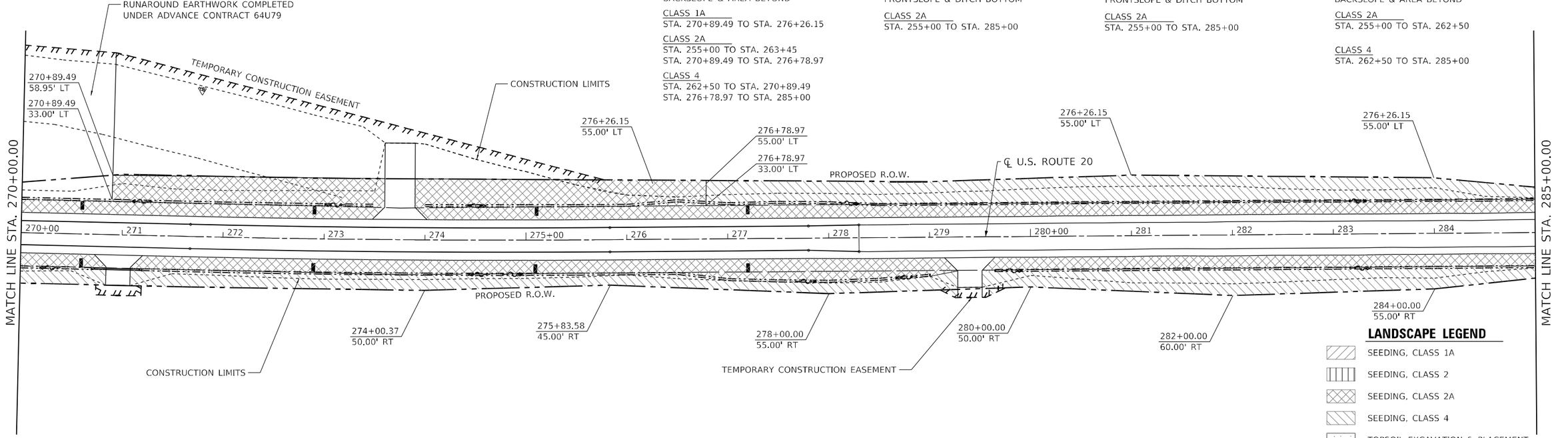
CLASS 2A
STA. 255+00 TO STA. 285+00

SEEDING DETAIL – RIGHT DITCH

CLASS 2A
STA. 255+00 TO STA. 285+00

CLASS 2A
STA. 255+00 TO STA. 262+50

CLASS 4
STA. 262+50 TO STA. 285+00



LANDSCAPE LEGEND

- SEEDING, CLASS 1A
- SEEDING, CLASS 2
- SEEDING, CLASS 2A
- SEEDING, CLASS 4
- TOPSOIL EXCAVATION & PLACEMENT

ALL SEEDING AREAS - MULCH, METHOD 3 UNLESS OTHERWISE NOTED

MODEL: Default
FILE NAME: P:\Civil_IDOT_DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Lenox 3117091\CAD Sheets\02684_27sht_hdsctp2_US20.dgn

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Professional Design Firm Corporation License No. 184-003601
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Phone: 217.235.3177
e-mail: upchurchgroup@upchurchgroup.com

USER NAME = Sta42	DESIGNED - SJF	REVISED -	
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

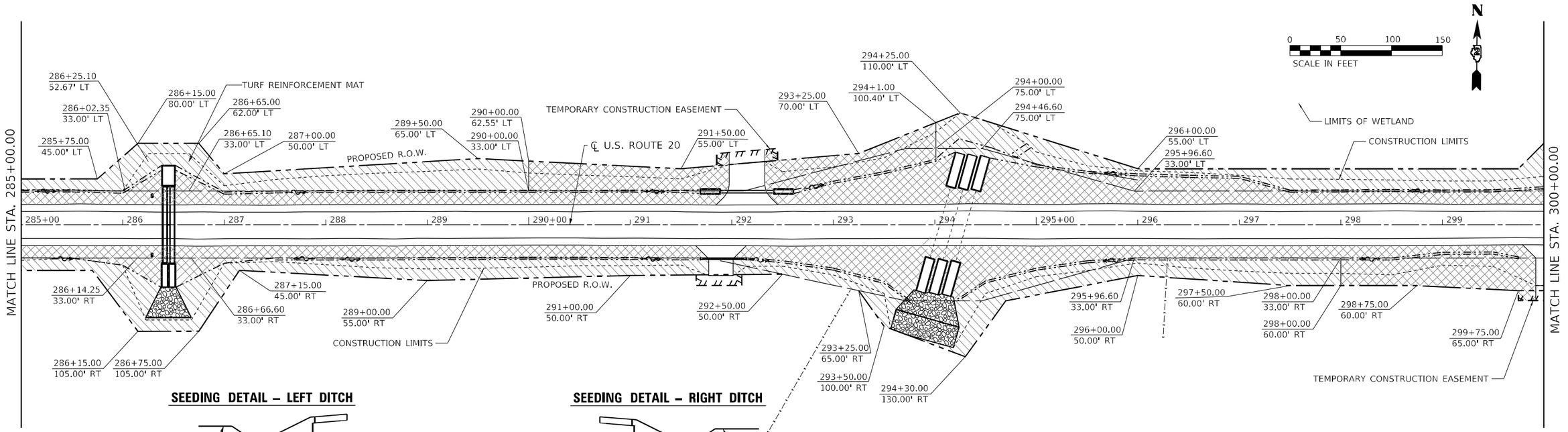
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
LANDSCAPING DETAILS

SCALE: 100.0000 ' / in. SHEET 2 OF 5 SHEETS STA. 255+00.00 TO STA. 285+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	135
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087



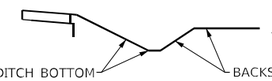
SEEDING DETAIL – LEFT DITCH

CLASS 2A
STA. 286+17.30 TO STA. 294+00

CLASS 2A
STA. 285+00 TO STA. 311+50

CLASS 4
STA. 285+00 TO STA. 286+17.30
STA. 294+00 TO STA. 307+50

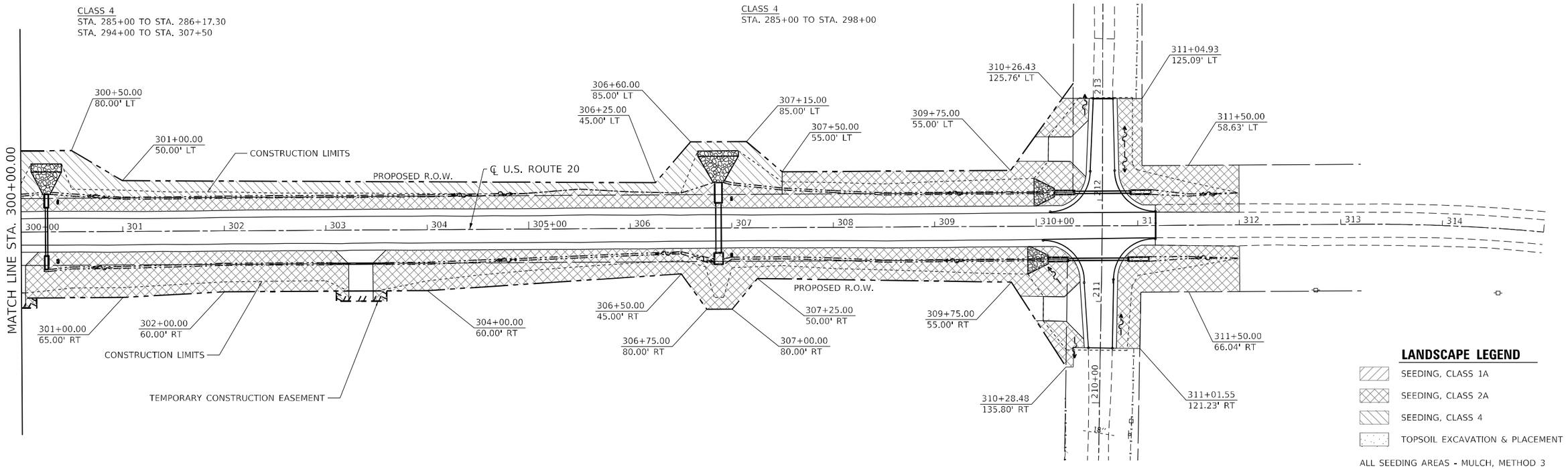
SEEDING DETAIL – RIGHT DITCH



CLASS 2A
STA. 285+00 TO STA. 311+50

CLASS 2A
STA. 298+00 TO STA. 311+50

CLASS 4
STA. 285+00 TO STA. 298+00



LANDSCAPE LEGEND

- SEEDING, CLASS 1A
- SEEDING, CLASS 2A
- SEEDING, CLASS 4
- TOPSOIL EXCAVATION & PLACEMENT

ALL SEEDING AREAS - MULCH, METHOD 3
UNLESS OTHERWISE NOTED

The Upchurch Group
architects engineers surveyors
Professional Design Firm Corporation License No. 184-003501
123 North 15th Street Mattoon, IL 61938
Phone: 217.235.3177
e-mail: upchurchgroup@upchurchgroup.com

USER NAME = Sta42	DESIGNED - SJF	REVISED -	
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
LANDSCAPING DETAILS

SCALE: 100.0000 ' / in. SHEET 3 OF 5 SHEETS STA. 285+00.00 TO STA. 315+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
"	(22, 107)R	STEPHENSON	277	136
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

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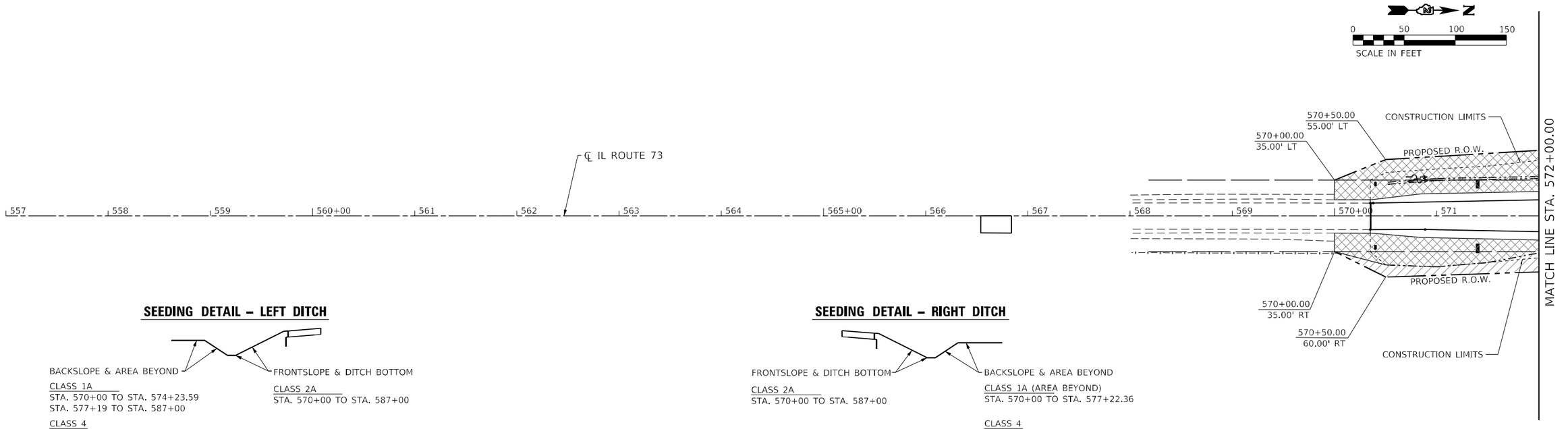


SEEDING DETAIL – LEFT DITCH

BACKSLOPE & AREA BEYOND

FRONTSLOPE & DITCH BOTTOM

CLASS 1A
STA. 570+00 TO STA. 574+23.59
STA. 577+19 TO STA. 587+00

CLASS 4
STA. 574+47.27 TO STA. 577+19

CLASS 2A
STA. 570+00 TO STA. 587+00

SEEDING DETAIL – RIGHT DITCH

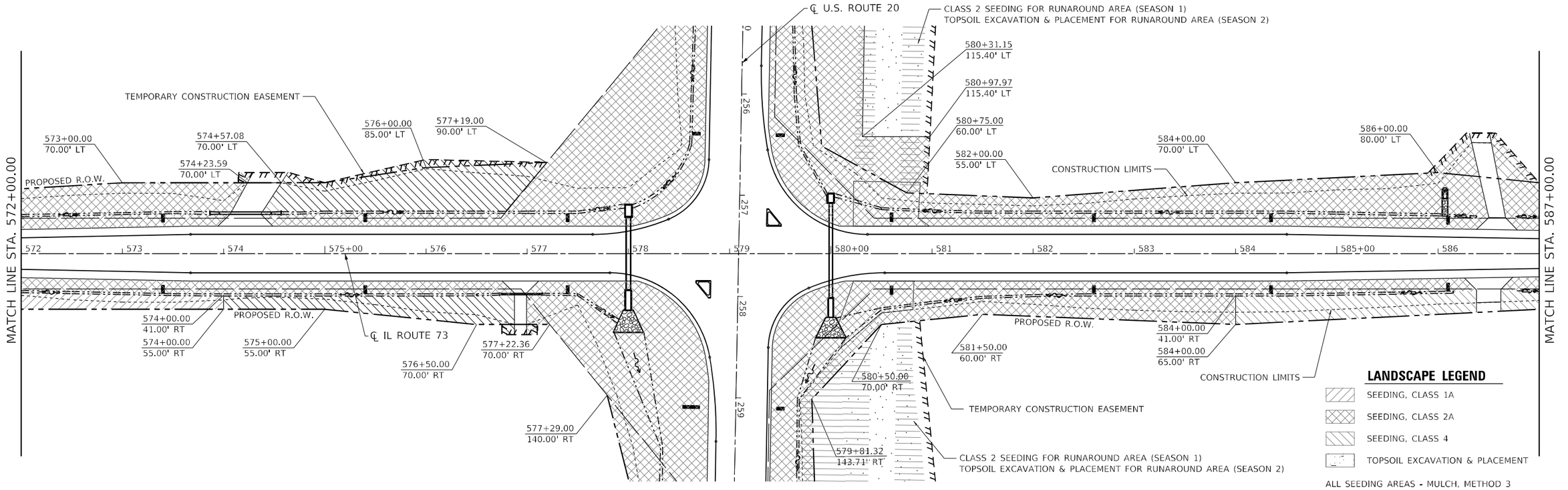
FRONTSLOPE & DITCH BOTTOM

BACKSLOPE & AREA BEYOND

CLASS 2A
STA. 570+00 TO STA. 587+00

CLASS 1A (AREA BEYOND)
STA. 570+00 TO STA. 577+22.36

CLASS 4
STA. 584+00 TO STA. 587+00



LANDSCAPE LEGEND

- SEEDING, CLASS 1A
- SEEDING, CLASS 2A
- SEEDING, CLASS 4
- TOPSOIL EXCAVATION & PLACEMENT

ALL SEEDING AREAS - MULCH, METHOD 3
UNLESS OTHERWISE NOTED

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e-mail: upchurchgroup@upchurchgroup.com

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PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -

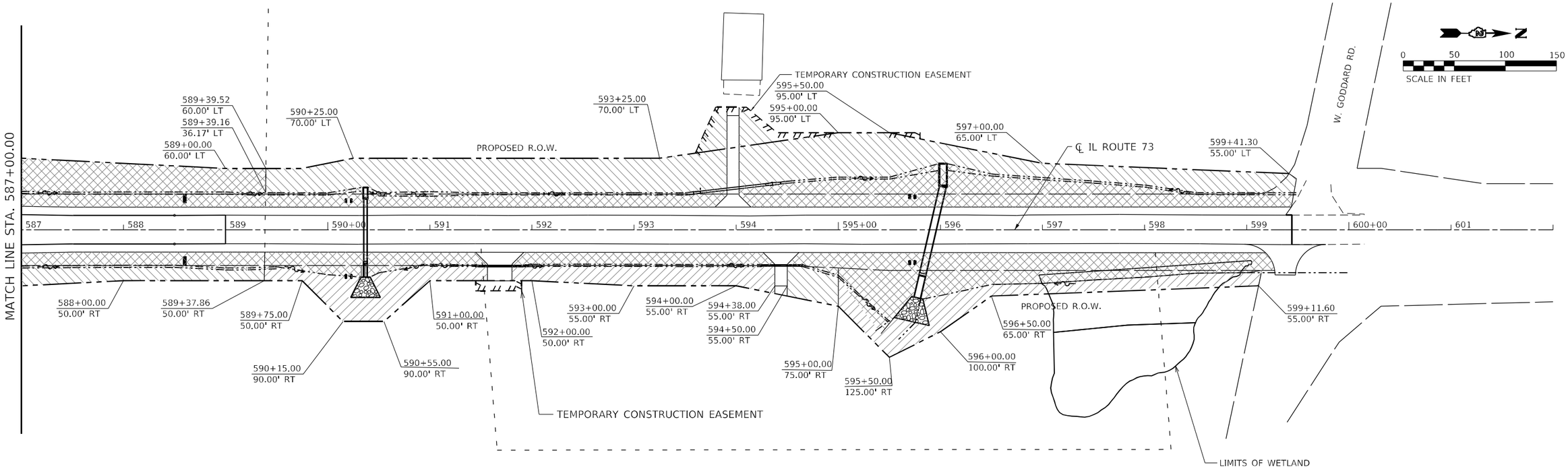
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 73
LANDSCAPING DETAILS

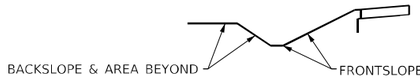
SCALE: 100.0000 ' / in. SHEET 4 OF 5 SHEETS STA. 557+00.00 TO STA. 587+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	137
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087



SEEDING DETAIL – LEFT DITCH

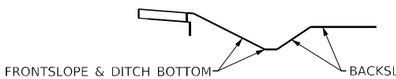


CLASS 2A
STA. 587+00 TO STA. 589+39.52

CLASS 2A
STA. 587+00 TO STA. 599+48.69

CLASS 4
STA. 589+39.52 TO STA. 599+50.75

SEEDING DETAIL – RIGHT DITCH



CLASS 2A
STA. 587+00 TO STA. 599+27.38

CLASS 1A
STA. 589+26.11 TO STA. 594+38
STA. 595+00 TO STA. 599+11.55

CLASS 4
STA. 587+00 TO STA. 589+02.11
STA. 594+50 TO STA. 595+00

LANDSCAPE LEGEND

- SEEDING, CLASS 1A
- SEEDING, CLASS 2A
- SEEDING, CLASS 4
- TOPSOIL EXCAVATION & PLACEMENT

ALL SEEDING AREAS - MULCH, METHOD 3
UNLESS OTHERWISE NOTED

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e-mail: upchurchgroup@upchurchgroup.com

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PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 73
LANDSCAPING DETAILS

SCALE: 100.0000 ' / in. SHEET 5 OF 5 SHEETS STA. 557+00.00 TO STA. 587+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	138
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

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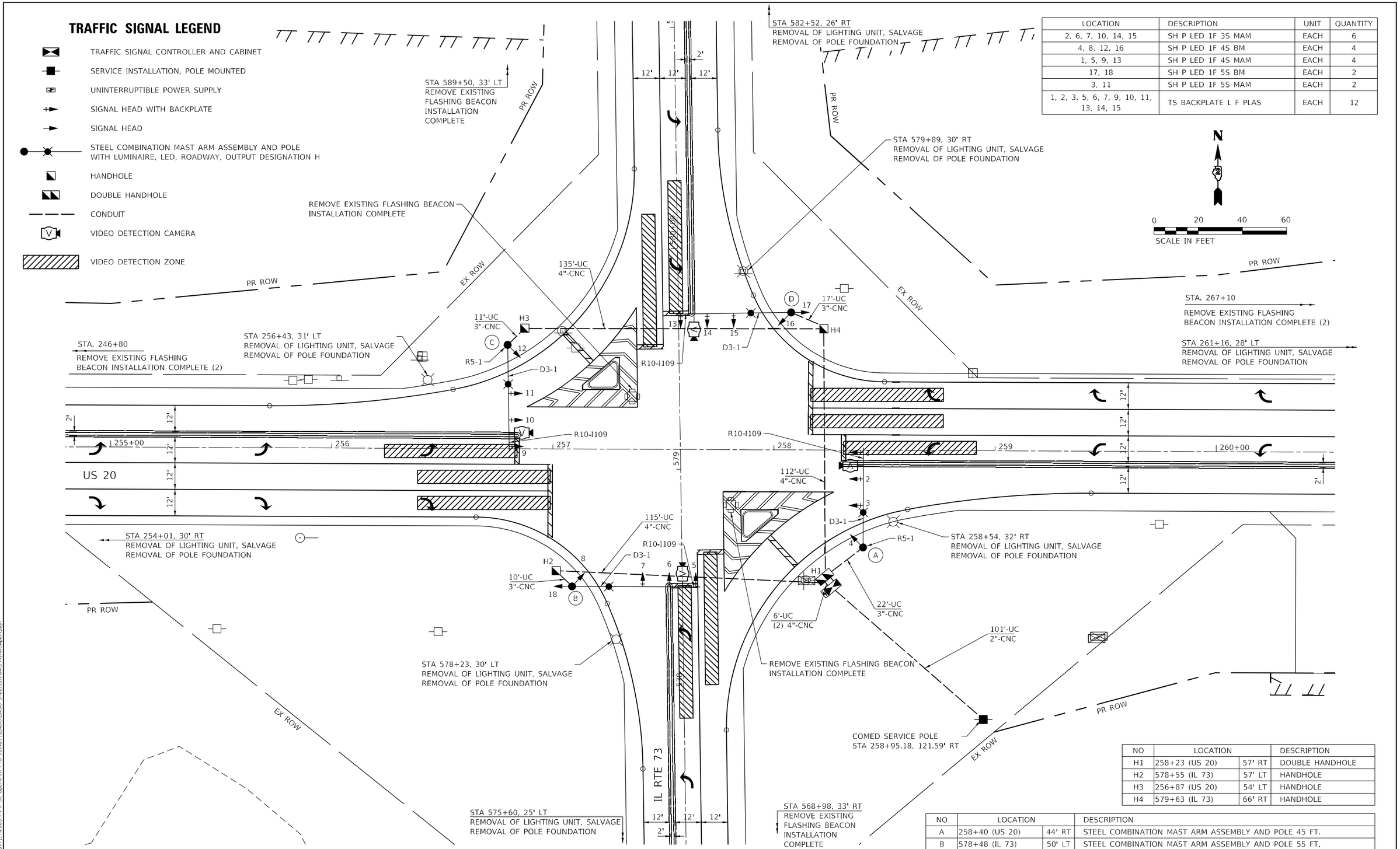
TRAFFIC SIGNAL LEGEND

- TRAFFIC SIGNAL CONTROLLER AND CABINET
- SERVICE INSTALLATION, POLE MOUNTED
- UNINTERRUPTIBLE POWER SUPPLY
- SIGNAL HEAD WITH BACKPLATE
- SIGNAL HEAD
- STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H
- HANDHOLE
- DOUBLE HANDHOLE
- CONDUIT
- VIDEO DETECTION CAMERA
- VIDEO DETECTION ZONE

LOCATION	DESCRIPTION	UNIT	QUANTITY
2, 6, 7, 10, 14, 15	SH P LED 1F 3S MAM	EACH	6
4, 8, 12, 16	SH P LED 1F 4S BM	EACH	4
1, 5, 9, 13	SH P LED 1F 4S MAM	EACH	4
17, 18	SH P LED 1F 5S BM	EACH	2
3, 11	SH P LED 1F 5S MAM	EACH	2
1, 2, 3, 5, 6, 7, 9, 10, 11, 13, 14, 15	TS BACKPLATE L F PLAS	EACH	12



NO	LOCATION		DESCRIPTION
H1	258+23 (US 20)	57' RT	DOUBLE HANDHOLE
H2	578+55 (IL 73)	57' LT	HANDHOLE
H3	256+87 (US 20)	54' LT	HANDHOLE
H4	579+63 (IL 73)	66' RT	HANDHOLE

NO	LOCATION		DESCRIPTION
A	258+40 (US 20)	44' RT	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 45 FT.
B	578+48 (IL 73)	50' LT	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 55 FT.
C	256+79 (US 20)	47' LT	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.
D	579+70 (IL 73)	51' RT	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT.

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PLOT DATE = 9/30/2025	DATE - 10/1/2025	REVISED -	

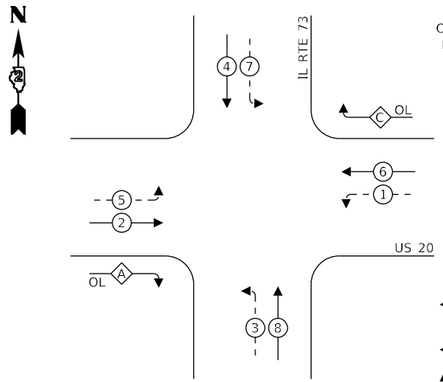
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLAN
US 20 & IL RTE 73

SCALE: 1" = 20' | SHEET 1 OF 6 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	139
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087



RIGHT TURN OVERLAP PHASE DESIGNATION:

OVERLAP LETTER		PERMISSIVE PHASE		PROTECTIVE PHASE
A	=	2	+	3
C	=	6	+	7

LEGEND

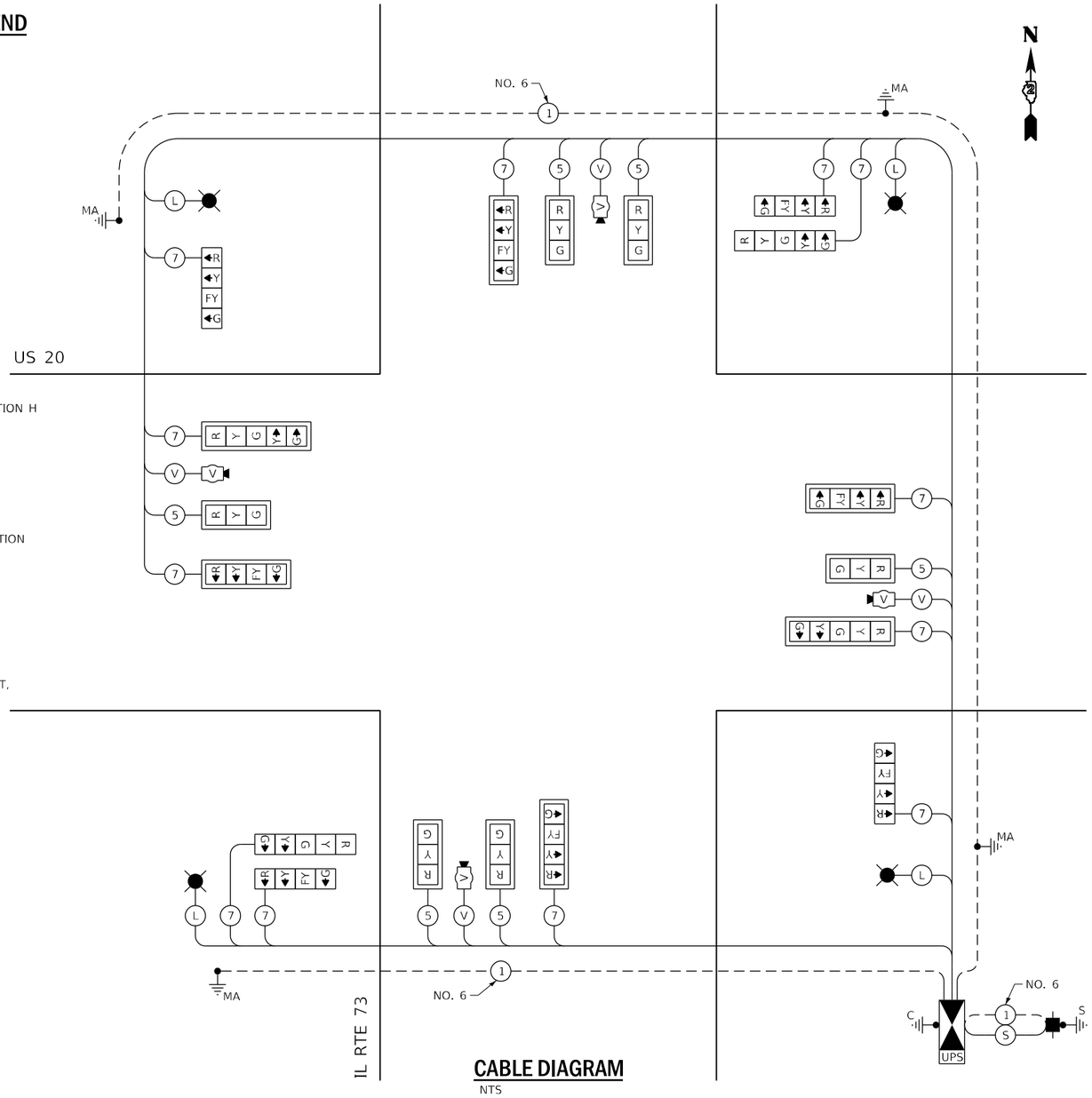
- (X) VEHICULAR PHASE NO. X
- (X) PROTECTED/PERMITTED PHASE
- (X) PROTECTED PHASE
- (X) OL OVERLAP

PHASE DESIGNATION DIAGRAM

PROPOSED CABLE DIAGRAM LEGEND

- CONTROLLER AND CABINET
- SERVICE INSTALLATION
- R / Y / G — TRAFFIC SIGNAL HEAD WITH BACKPLATE
- R / Y / G — TRAFFIC SIGNAL HEAD W/O BACKPLATE
- (*) DENOTES NUMBER OF CONDUCTORS
- LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H
- (V) VIDEO DETECTION CAMERA
- MA GROUND ROD AT MAST ARM POLE
- S GROUND ROD AT ELECTRIC SERVICE INSTALLATION
- C GROUND ROD AT CONTROLLER
- (S) SERVICE CABLE - ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C
- (L) LIGHTING CABLE - ELECTRIC CABLE IN CONDUIT, 600 V (XLP-TYPE USE) 3-1/C NO. 10
- (V) VIDEO DETECTION CABLE

ALL CABLES ARE NO. 14 UNLESS OTHERWISE NOTED.



CABLE DIAGRAM

NTS

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	PLOT DATE = 9/30/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL CABLE PLAN
US 20 & IL RTE 73

SCALE: | SHEET 2 OF 6 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	140
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087

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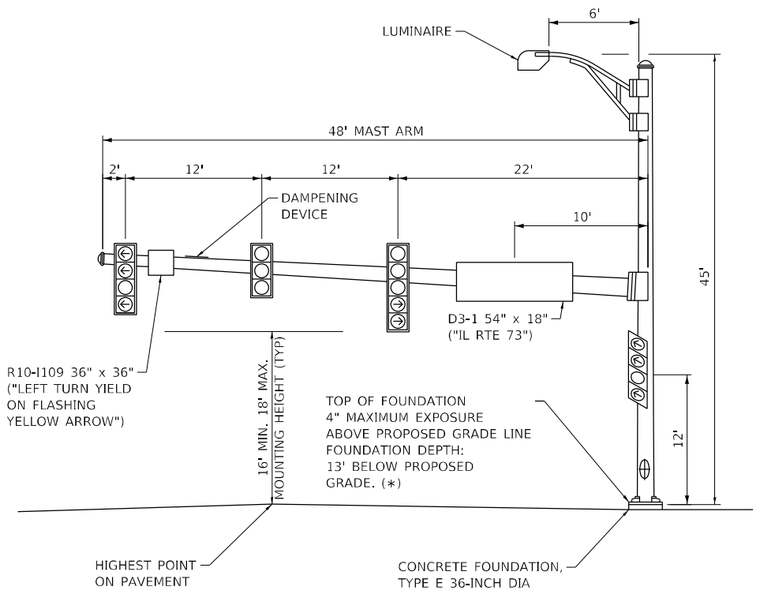
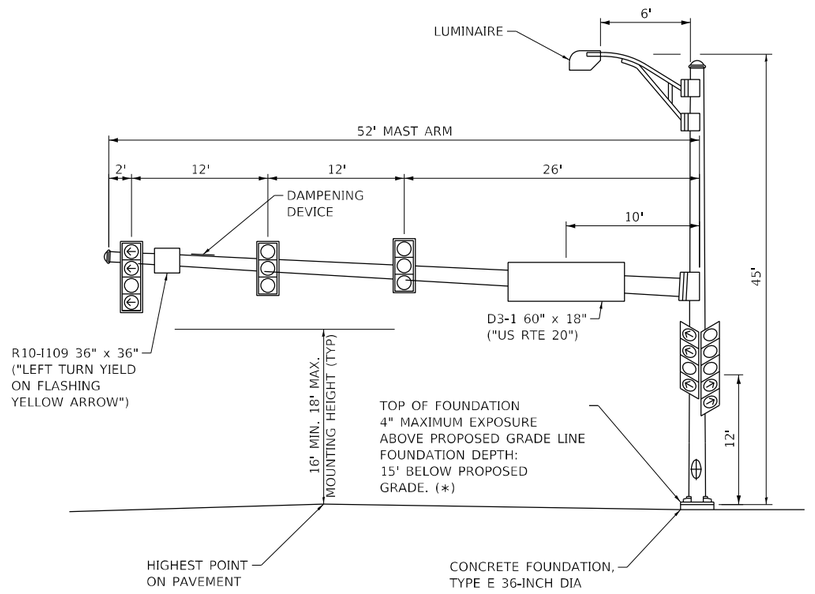
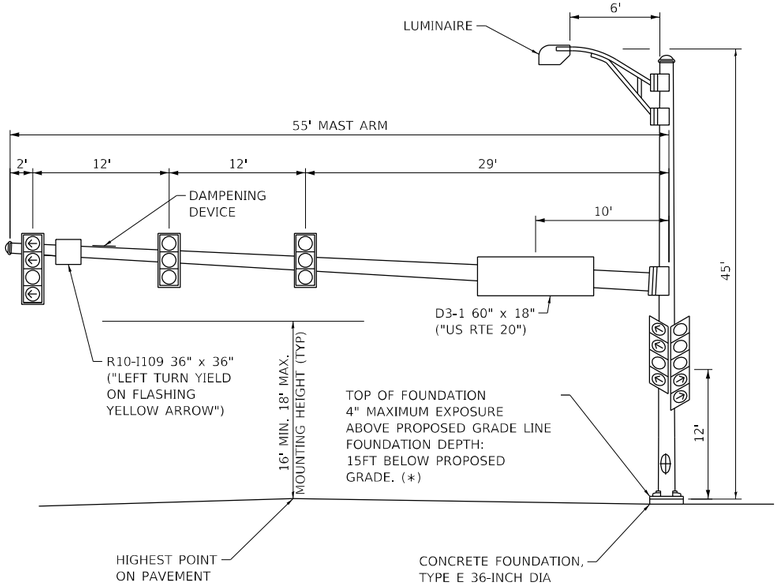


MAST ARM NORTHWEST QUADRANT (C)

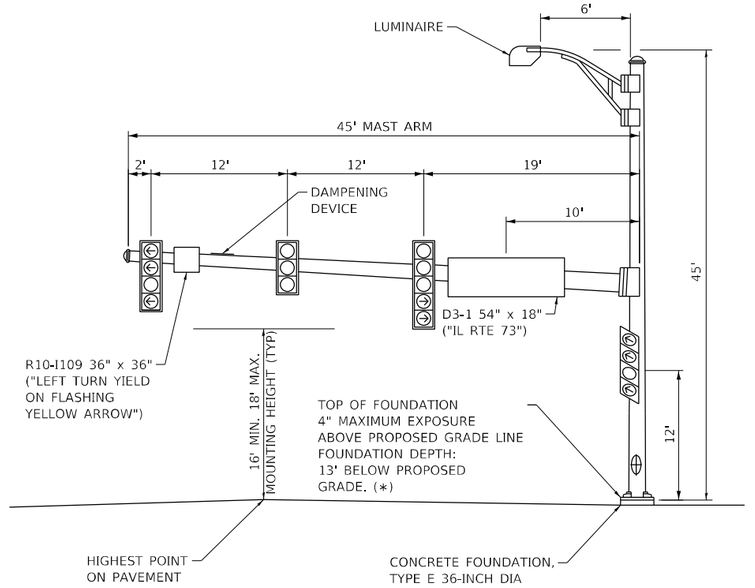


MAST ARM NORTHEAST QUADRANT (D)

(*) FOUNDATION DEPTHS ARE BASED ON THE TABLE INCLUDED IN HIGHWAY STANDARD 878001 WHICH ARE DESIGN FOR SOILS WITH AN AVERAGE UNCONFINED COMPRESSIVE STRENGTH GREATER THAN 1.0 TSF. PRIOR TO FOUNDATION INSTALLATION, THE CONTRACTOR SHALL VERIFY THE SOIL STRENGTH TO THE DEPTH OF THE FOUNDATION AT EACH PROPOSED LOCATION.



MAST ARM SOUTHWEST QUADRANT (B)



MAST ARM SOUTHEAST QUADRANT (A)

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAST ARM LOADING DIAGRAM
US 20 & IL RTE 73

SCALE: | SHEET 3 OF 6 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	141
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

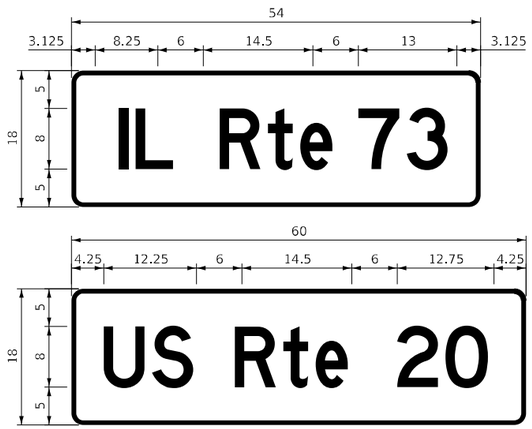
* FAP 301, FAP 654, FAS 1087

SCHEDULE OF QUANTITIES

	DESCRIPTION	UNIT	QUANTITY
(*)	SIGN PANEL - TYPE 1	SQ FT	64.5
	SERVICE INSTALLATION - POLE MOUNTED	EACH	1
	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	101
	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 3" DIA.	FOOT	72
	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 4" DIA.	FOOT	380
	HANDHOLE	EACH	3
	DOUBLE HANDHOLE	EACH	1
	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10	FOOT	684
	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	4
	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	8
	REMOVAL OF POLE FOUNDATION	EACH	8
	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
	UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1
	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1303
	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2411
	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	56
	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	544
	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 45 FT.	EACH	1
	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	1
	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT.	EACH	1
	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 55 FT.	EACH	1
	CONCRETE FOUNDATION, TYPE C	FOOT	4
	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	56
	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	6
	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	4
	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	4
	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2
	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	2
	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	12
	REMOVE EXISTING SERVICE INSTALLATION	EACH	1
	REMOVE EXISTING CONCRETE FOUNDATION	EACH	2
(*)	REMOVE EXISTING FLASHING BEACON INSTALLATION COMPLETE	EACH	4
	VIDEO VEHICLE DETECTION SYSTEM	EACH	1
	COMBINATION LIGHTING CONTROLLER	EACH	1

(*) SEE SCHEDULE OF QUANTITIES FOR ADDITIONAL QUANTITY OF "SIGN PANEL - TYPE 1" AND "REMOVE EXISTING FLASHING BEACON INSTALLATION COMPLETE"

STREET SIGN DETAIL



6.75 SQ FT EACH
2 REQUIRED
(SEE NOTE 1)

7.5 SQ FT EACH
2 REQUIRED
(SEE NOTE 1)

NOTES:

1. STREET NAME SIGNS SHALL BE PLACED ON THE MAST ARMS PARALLEL TO THE RESPECTIVE ROUTE AS DIRECTED BY THE ENGINEER.
2. LEFT TURN YEILD SIGNS SHALL BE PLACED AS DETAILED ON THE MAST ARM LOADING DIAGRAM SHEET.
3 DO NOT ENTER SIGNS SHALL BE PLACED ON SIGNAL POST AS DIRECTED BY THE ENGINEER.

STREET NAME SIGNS:
1. TYPE ZZ SHEETING
2. WHITE LETTERING ON GREEN BACKGROUND
3. DESIGN SERIES D
4. 8 INCH UPPERCASE/6 INCH LOWERCASE LETTERS
5. ¾ INCH WHITE BORDER
6. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

ELECTRICAL LOAD CHART

US 20		WATTAGE	BURN	TOTAL
INDICATION	NUMBER	EACH	TIME (%)	WATTAGE
RED	6	17	50	51
YELLOW	6	25	25	37.5
GREEN	6	15	25	22.5
RED ARROW	4	12	10	4.8
YELLOW ARROW	8	12	10	9.6
GREEN ARROW	8	12	10	9.6
FLASHING YELLOW ARROW	4	12	30	14.4

IL 73		WATTAGE	BURN	TOTAL
INDICATION	NUMBER	EACH	TIME (%)	WATTAGE
RED	4	17	50	34
YELLOW	4	25	25	25
GREEN	4	15	25	15
RED ARROW	4	12	10	4.8
YELLOW ARROW	4	12	10	4.8
GREEN ARROW	4	12	10	4.8
FLASHING YELLOW ARROW	4	12	30	14.4

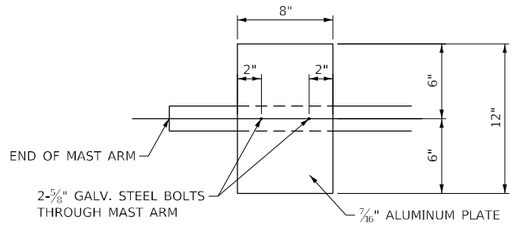
TRAFFIC SIGNAL CABINET		WATTAGE	BURN	TOTAL
ITEM	NUMBER	EACH	TIME (%)	WATTAGE
CONTROLLER	1	100	100	100
UNINTERRUPTABLE POWER SUPPLY	1	25	100	25
VIDEO SYSTEM	1	150	100	150

HIGHWAY LIGHTING		WATTAGE	BURN	TOTAL
ITEM	NUMBER	EACH	TIME (%)	WATTAGE
LUMINAIRE	4	270	50	540
			TOTAL	1067.2

AGENCY RESPONSIBLE FOR ENERGY CHARGES: ILLINOIS DEPARTMENT OF TRANSPORTATION
CONTRACTOR PAYS ALL ENERGY CHARGES UNTIL PROJECT IS ACCEPTED.

LEFT TURN
YIELD
ON FLASHING
YELLOW
ARROW

CODE # R10-I109
9 SQ FT EACH
4 REQUIRED
(SEE NOTE 2)



DAMPENING PLATE DETAIL

(TOP VIEW) INCIDENTAL TO MAST ARM QUANTITY

MODEL: Default
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QUIGG ENGINEERING INC

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL DETAILS AND BILL OF MATERIALS
US 20 & IL RTE 73

SCALE: | SHEET 4 OF 6 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	142
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

ELECTRICAL GENERAL NOTES

1. SPLICING OF CONDUCTORS SHALL BE IN POLE BASES OR WEATHER TIGHT JUNCTION BOXES ONLY. SPLICES BELOW GRADE WILL NOT BE PERMITTED.
2. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO RESTORE ANY SPECIALIZED LANDSCAPING (DECORATIVE ROCKS, PLANTS, ETC.).
3. ALL WORK SHALL CONFORM TO THE LATEST IDOT AND DISTRICT STANDARDS, SPECIAL PROVISIONS, SUPPLEMENTAL SPECIFICATIONS, THE NATIONAL ELECTRICAL CODE, THE NATIONAL ELECTRICAL SAFETY CODE, AND LOCAL CODES.
4. ALL ELECTRICAL EQUIPMENT SHALL BE UL LISTED AND LABELED.
5. ALL CONDUITS SHALL BE SEALED.
6. ALL CIRCUIT WIRES SHALL BE LABELED WITH CIRCUIT IDENTIFICATION.
7. ALL LAMPS SHALL BE FURNISHED AS PART OF THE CONTRACT.
8. CIRCUITS SHALL BE TESTED PER SPECIFICATIONS.
9. THE LOCATIONS OF ALL PROPOSED EQUIPMENT ARE ILLUSTRATED DIAGRAMMATICALLY. THE ACTUAL LOCATION IN THE FIELD SHALL MEET THE APPROVAL OF THE ENGINEER.
10. ALL MEASUREMENTS ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY MEASUREMENTS IN THE FIELD.
11. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTING INSTALLATIONS AND DATA PRIOR TO BIDDING.
12. THE CONTRACTOR SHALL REMOVE CABLES FROM ALL EXISTING CONDUITS TO BE ABANDONED AND CAP THE CONDUITS ON BOTH SIDES.
13. GROUNDING CONDUCTORS SHALL BE CONTINUOUS.
14. ALL PROPOSED UNIT DUCT AND CONDUIT SHALL BE PLACED A MINIMUM OF 30" BENEATH THE GROUND SURFACE (FINAL GRADE).
15. CONDUIT PUSHES UNDER ROADWAYS SHALL EXTEND NO LESS THAN 2 FEET ON EITHER SIDE OF THE CROSSING.
16. POLES WITH FRANGIBLE BASES MUST BE LOCATED A MINIMUM OF 3 FEET BEHIND ANY BARRIER CURB OR A MINIMUM OF 13 FEET FROM THE TRAVELED WAY, IF THERE IS NO BARRIER CURB.
17. PRIOR TO INSTALLATION OF NEW UNIT DUCT, CONDUITS, JUNCTION BOXES, LIGHT STANDARD FOUNDATION AND APPURTENANCES, THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF EXISTING CONDUITS, CABLES AND UNDERGROUND UTILITIES. THE CONTRACTOR SHALL CALL J.U.L.I.E. TO PERFORM LOCATES.
18. FOR ALL INSTALLATION, SEE INCLUDED DETAILS AND APPLICABLE STANDARD DRAWINGS.
19. COMBINATION LIGHTING TO BE POWERED FROM TRAFFIC CONTROLLER.
20. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MARK THE PROPOSED LOCATIONS OF ALL EQUIPMENT FOR EXAMINATION AND CONFIRMATION WITH THE RESIDENT ENGINEER AT THE CONSTRUCTION INSPECTION. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO INSTALLATION OF FOUNDATIONS. CONTACT SCOTT KULLERSTRAND PH: 815-284-5468 MINIMUM OF TWO WEEKS PRIOR TO DISCUSS.
21. THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE REQUIREMENTS FOR GROUNDING. GROUNDING CONNECTIONS AT THE FOUNDATION SHALL BE EXOTHERMICALLY WELDED, AS SPECIFIED, AND SHALL BE INSPECTED AND APPROVED BY THE RESIDENT ENGINEER PRIOR TO POURING CONCRETE OR BACKFILLING, AS APPLICABLE.
22. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT OF FINISHED GRADE. THE RESIDENT ENGINEER MAY ASSIST THE CONTRACTOR, AS APPLICABLE, BUT THE RESPONSIBILITY FOR COORDINATING THE FINISHED GRADE ELEVATION WITH THE TOP OF THE FOUNDATIONS HEIGHTS SHALL REMAIN WITH THE CONTRACTOR.
23. NO POLES SHALL BE ERECTED UNTIL THE RESPECTIVE FOUNDATIONS HAVE CURED, AS APPROVED BY THE ENGINEER.
24. TO RETAIN THE STRUCTURAL INTEGRITY OF ALUMINUM POLES WITH MAST ARMS, THEY SHALL NOT BE ERECTED AND LEFT TO STAND WITHOUT LUMINAIRES. NOTE THAT THE CONTRACTOR SHALL NOT BE PAID FOR POLES UNTIL LUMINAIRES ARE INSTALLED.
25. CONDUIT AND UNIT DUCT MUST BE POSITIONED IN THE FIELD TO AVOID CONFLICT WITH TREES, BUSHES, DRAINS AND OTHER UTILITIES AND LANDSCAPING.
26. ALL DISTURBED AREAS WHERE RESTORATION IS NOT COVERED BY APPLICABLE SECTIONS OF THE SPECIAL PROVISIONS MUST BE RESTORED TO THE SATISFACTION OF THE ENGINEER. THIS WORK MUST BE INCLUDED IN THE FOUNDATION PAY ITEM.
27. THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE REQUIREMENT FOR BURIED WARNING TAPE, SPECIFIED AS PART OF "TRENCH AND BACKFILL FOR ELECTRICAL WORK". THE INSTALLATION OF THE TAPE SHALL BE INSPECTED AND APPROVED BY THE RESIDENT ENGINEER PRIOR TO BACKFILLING OR DURING PLOWING OPERATIONS, AS APPLICABLE.
28. EQUIPMENT GROUND CONDUCTORS SHALL BE SPLICED AND BONDED AT EACH POLE OR OTHER PIECE OF EQUIPMENT.
29. ANY AERIAL CABLE CLEARANCES SHALL CONFORM TO NEC ARTICLE 225.18 AND SHALL ALSO MEET CLEARANCE WITH RESPECT TO COMED STANDARDS.

COMBINATION LIGHTING CONTROLLER GENEAL NOTES

ALL CONTROL INSTALLATION COMPONENTS SHALL BE U.L. LISTED.

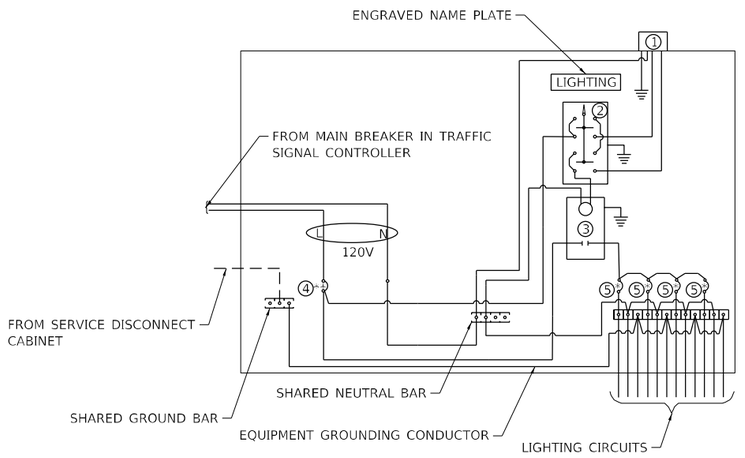
ALL WIRING SHALL BE NEATLY DRESSED, IDENTIFIED BY TAGS, AND SUPPORTED.

THE CIRCUIT BREAKER SHALL BE CLEARLY LABELED FOR LIGHTING ACCORDING TO
ARTICLE 1068.01(F) OF THE STANDARD SPECIFICATIONS.

INSTALL UNDER EAVE PHOTOCELL ON TRAFFIC SIGNAL CONTROLLER CABINET
PER ARTICLE 1068.01(E)(2) OF THE STANDARD SPECIFICATIONS.

ALL LIGHTING EQUIPMENT SHALL BE INSTALLED ON A SIDE MOUNTED INSULATED SUBPANEL PER ARTICLE 1068.01(E)(9) OF THE STANDARD SPECIFICATIONS ON THE LOWER RIGHT HAND SIDE OF THE TRAFFIC SIGNAL CONTROLLER OR AS DIRECTED BY THE ENGINEER.

PROVIDE AN ENGRAVED STAINLESS STEEL NAMEPLATE ON THE SUB PANEL READING "LIGHTING".



COMBINATION LIGHTING CONTROLLER WIRING DIAGRAM

COMBINATION LIGHTING CONTROLLER LEGEND

- GROUND CONNECTED TO SHARED GROUND BAR
- INDICATES SHARED WITH TRAFFIC SIGNAL CONTROLLER EQUIPMENT
- (1) PHOTOCELL WITH INTEGRAL SURGE ARRESTER
- (2) HAND-OFF-AUTO SELECTOR SWITCH
- (3) 30 AMP, 1 POLE ELECTRICALLY HELD CONTACTOR
- (4) 30 AMP, 1 POLE, CIRCUIT BREAKER
- (5) 15 AMP, 1 POLE, BRANCH BREAKER
- * QUANTITY OF BRANCH BREAKERS SHALL DEPEND ON THE COMBINATION LIGHTING CIRCUIT DIAGRAM OR AS DIRECTED BY THE ENGINEER.
- ** SIZE LARGER AS NEEDED.

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QUIGG ENGINEERING INC

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	DRAWN - NLS	REVISED -	
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PLOT DATE = 9/30/2025	DATE - 10/1/2025	REVISED -	

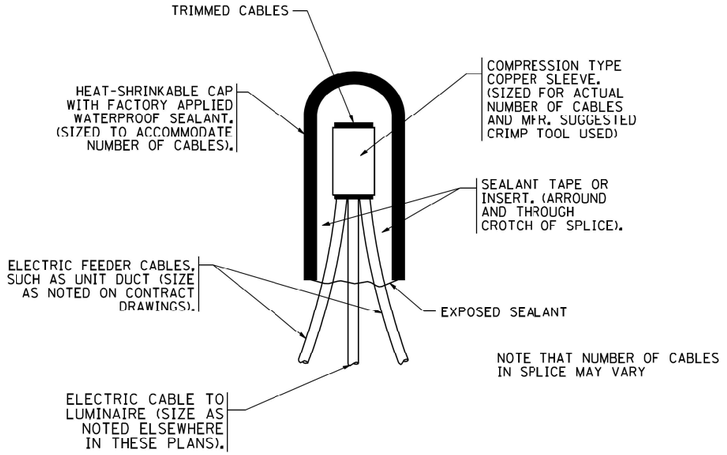
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ELECTRICAL GENERAL NOTES &
COMBINATION LIGHTING CONTROLLER WIRING DIAGRAM

SCALE: | SHEET 5 OF 6 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	143
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087



TYPICAL SPLICE DETAIL

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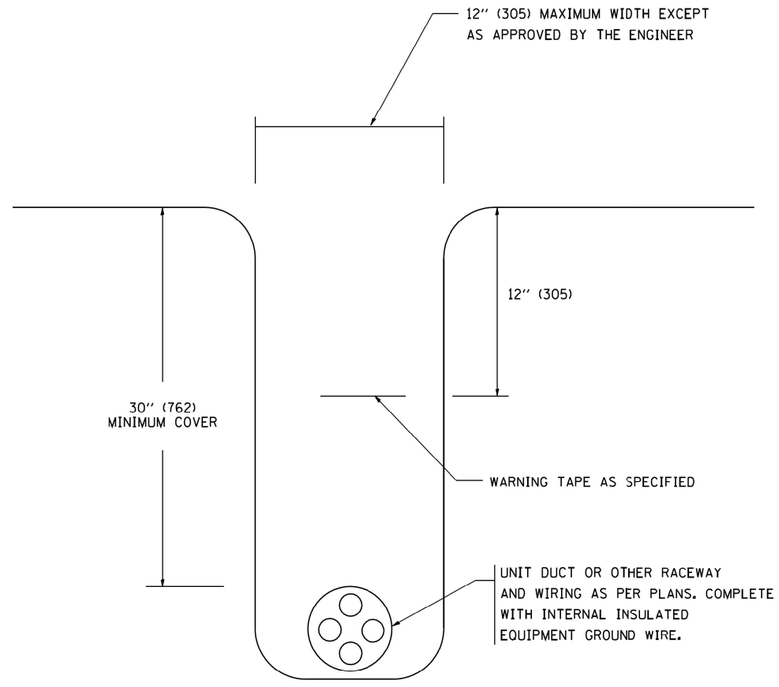

TYPICAL WIRING IN TRENCH DETAIL

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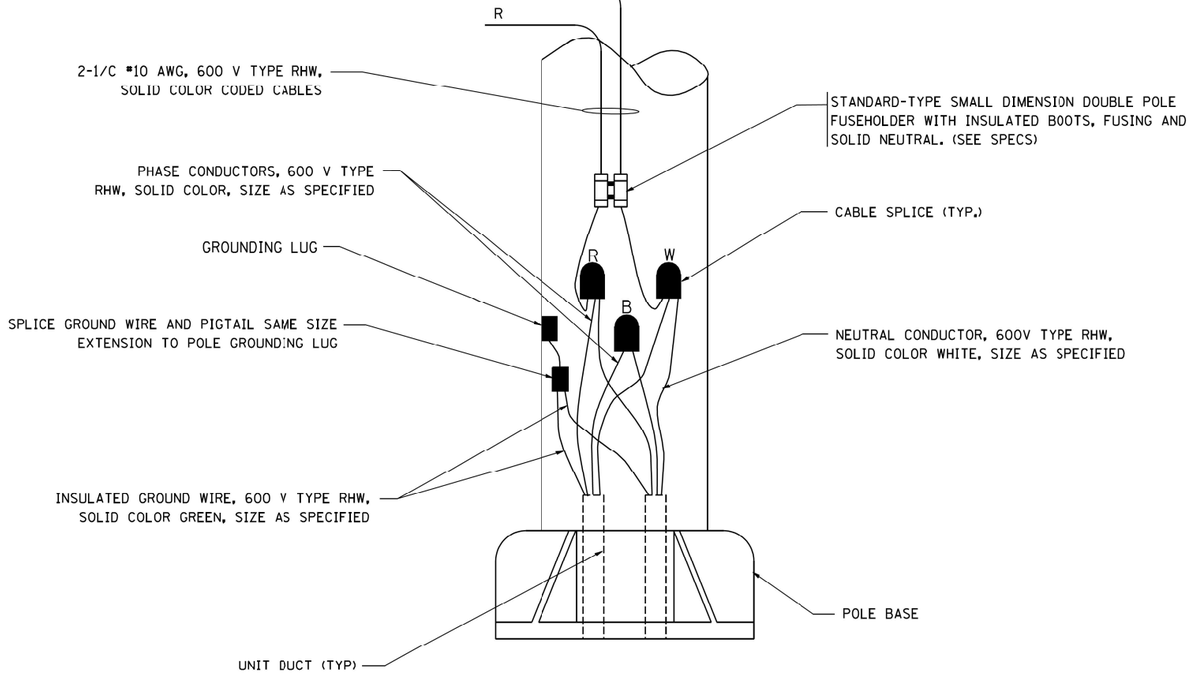

POLE WIRING DETAIL

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QUIGG ENGINEERING INC	USER NAME = SMaxwell	DESIGNED - NLS	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**MISCELLANEOUS DETAILS CABLE SPLICE, POLE WIRING, TRENCH DETAIL**
		DRAWN - NLS	REVISED -		
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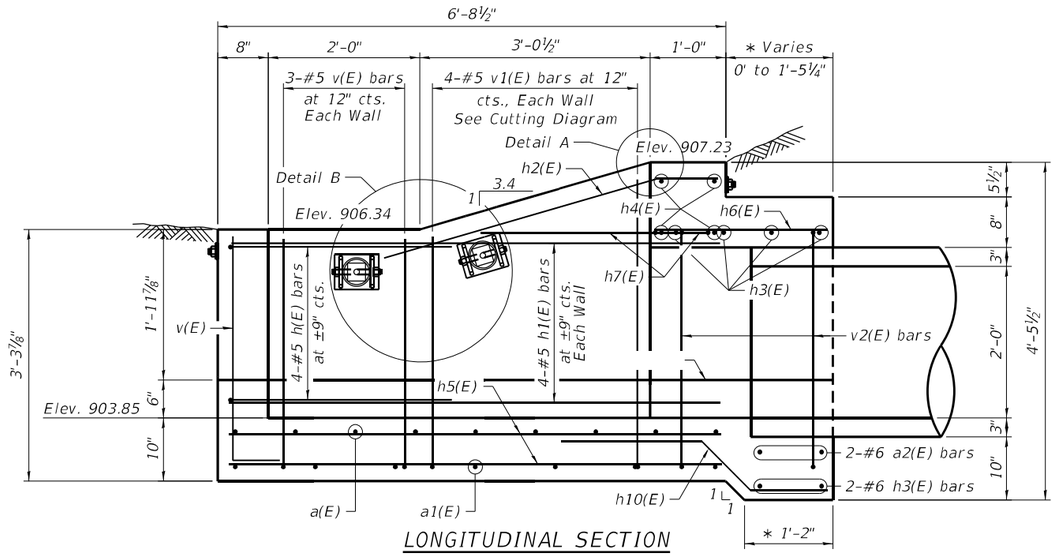
	PLOT DATE = 9/30/2025	DATE - 10/1/2025	REVISED -		

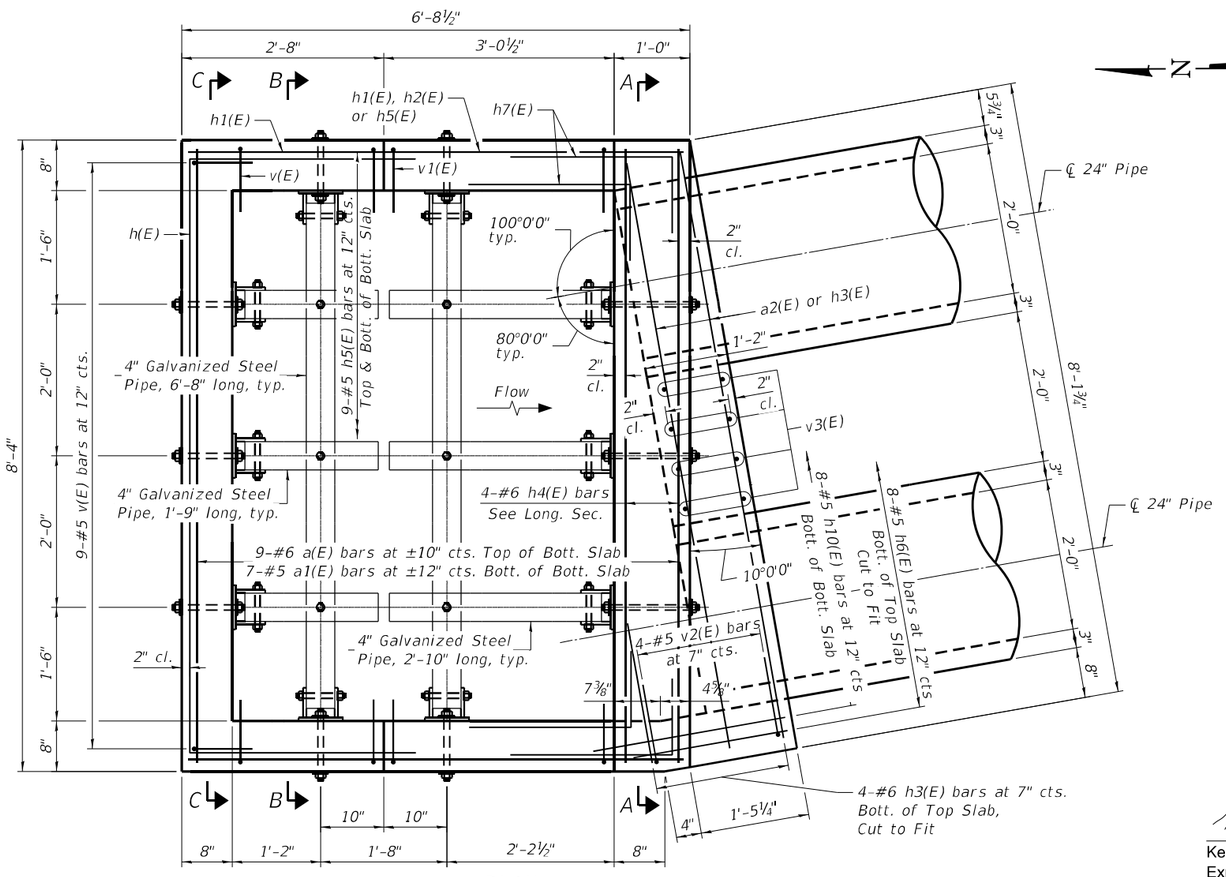
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	144
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087



LONGITUDINAL SECTION

* Measured along ℄ of Culvert



PLAN

GENERAL NOTES

1. Reinforcement bars designated (E) shall be epoxy coated.
2. All exposed concrete edges shall be chamfered ¾" unless otherwise noted.
3. All construction joints shall be bonded.
4. The contract unit price "Each" for Drop Box No. 1 shall include the cost of Concrete Structures, Reinforcement Bars, Epoxy Coated, Structure or Earth Excavation where required, backfilling and necessary grading to construct the structure as shown.
5. The contract unit price "Foot" for Traversable Pipe Grate for Concrete End Section shall include the steel pipe grate system, steel plates, bolts, nuts, and washers.
6. Steel pipes shall conform to A.S.T.M. A-53 (Type E or S) Grade B Schedule 40 & shall be galvanized conforming to A.S.T.M. A-120.
7. Steel plates shall conform to AASHTO M-183 & shall be galvanized conforming to AASHTO M-111.
8. Bolts, nuts, & washers shall be in accordance with Article 1006.08 of the Standard Specifications and shall be galvanized.
9. Contractor shall field verify galvanized pipe length.
10. The minimum distance from the center of a hole to the free edge of a structured shape or plate shall be 1½" unless noted otherwise.
11. Bolts shall be snug tightened by a few impacts of an impact wrench or the full force of a worker using an ordinary spud wrench.
12. This work shall be done according to the applicable portions of 502, 503, 505, 508, and 540 of the Standard Specifications.
13. Fabrication of the Steel Pipe Grate System shall conform to the requirements in Section 505 of the Standard Specifications unless noted otherwise.
14. Contractor to confirm that a minimum allowable gross bearing pressure equal to 2000 PSF can be achieved prior to construction of Drop Box structure.
15. Backfilling and future excavations shall be performed equally on all sides of the structure.
16. The inorganic zinc rich primer/acrylic/acrylic paint system shall be used for field painting of holes, threads, etc.
17. See sheets 2 and 3 of 3 for Section A-A, B-B, and C-C and Details A and B.

MINIMUM BAR LAP

#5 Bar = 3'-7"

DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications, 9th Edition

DESIGN STRESSES

FIELD UNITS

f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Traversable Pipe Grate for Concrete End Section	Foot	27.5
Drop Box No. 1	Each	1

KEITH W. BENTING
STATE OF ILLINOIS
4777
DECATUR, ILLINOIS
LICENSED STRUCTURAL ENGINEER

Keith W. Benting 3/14/2025

Keith W. Benting, Illinois S.E. 081-004777 Date
Expires 11/30/2026

GENERAL PLAN AND ELEVATION
US 20 OVER DITCH
F.A.P. 301, F.A.P. 654, F.A.S. 1087
SECTION (22,107)R
STEPHENSON COUNTY
STRUCTURE NO. 089-1133

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QUIGG ENGINEERING INC

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F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22,107)R	STEPHENSON	277	145
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

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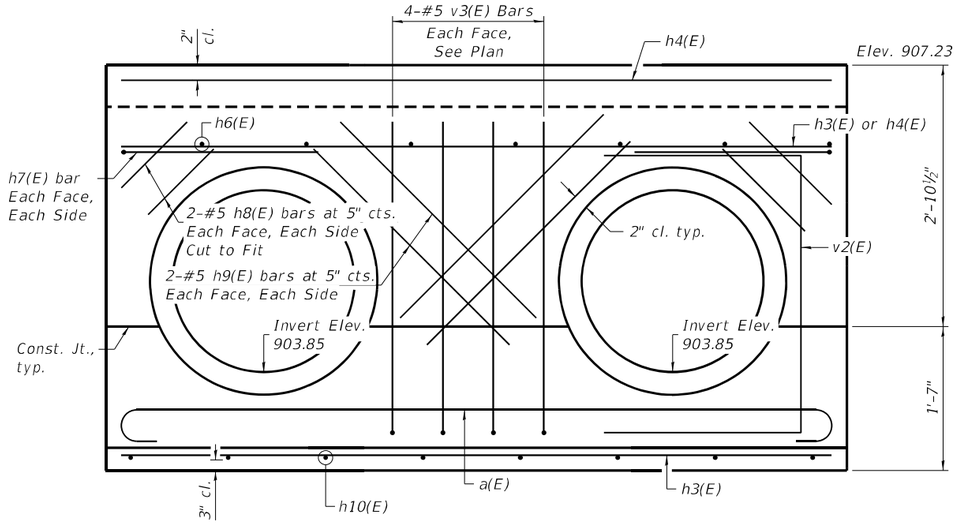
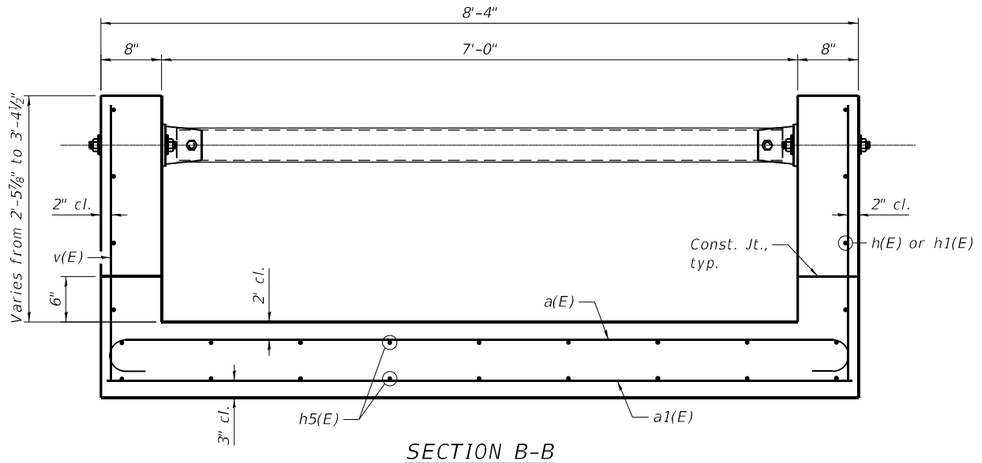


SECTION A-A



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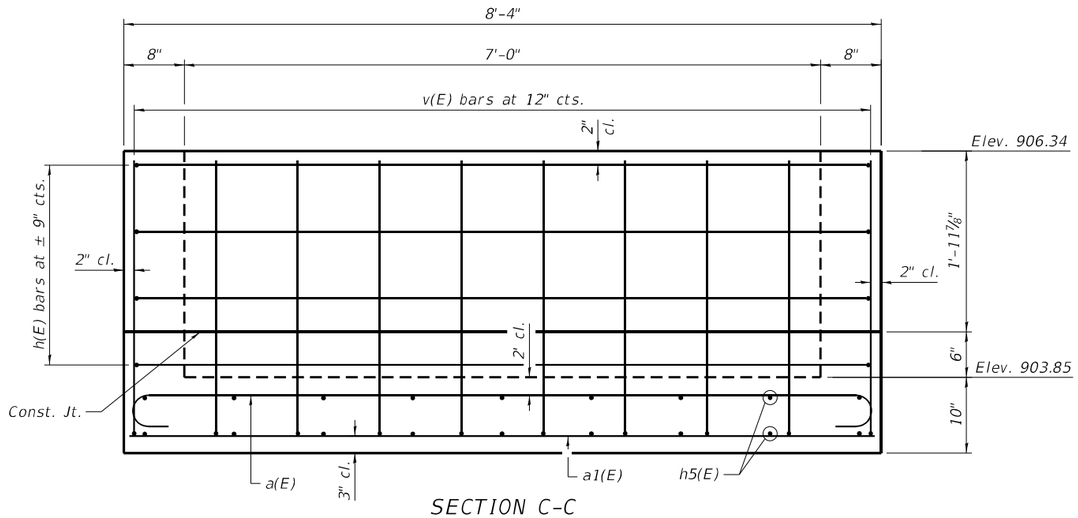
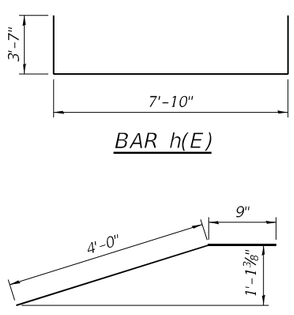
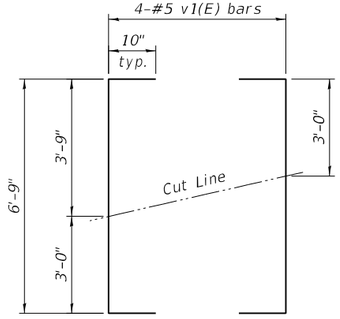


SECTION C-C



BAR h(E)

BAR h2(E)



BAR v1(E) FIELD CUTTING DIAGRAM

Order v1(E) bars full length.
Cut as shown and use remainder
of bars in opposite wall.

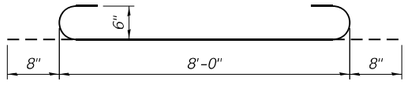
BILL OF MATERIAL

(For Information Only)

	Bar	No.	Size	Length	Shape
	a(E)	9	#6	9'-4"	
	a1(E)	7	#5	8'-0"	
	a2(E)	2	#6	9'-1"	
	h(E)	4	#5	15'-0"	
	h1(E)	8	#5	6'-4"	
	h2(E)	2	#5	4'-9"	
	h3(E)	6	#6	7'-9"	
	h4(E)	4	#6	8'-0"	
	h5(E)	18	#5	6'-4"	
	h6(E)	8	#5	2'-0"	
	h7(E)	4	#5	4'-9"	
	h8(E)	8	#5	1'-3"	
	h9(E)	8	#5	3'-0"	
	h10(E)	8	#5	3'-8"	
	v(E)	15	#5	3'-9"	
	v1(E)	4	#5	8'-5"	
	v2(E)	4	#5	7'-6"	
	v3(E)	8	#5	5'-10"	

	Item		Unit	Total
*	Concrete Structures		Cu. Yd.	4.2
*	Reinforcement Bars, Epoxy Coated		Pound	860
**	4" Galv. Steel Pipe	3 ◎	Foot	1'-9"
		2 ◎		6'-8"
		3 ◎		2'-10"
**	Side Assembly		Each	10

* Included in Drop Box No. 1
** Included in Traversable Pipe Grate for Concrete End Section



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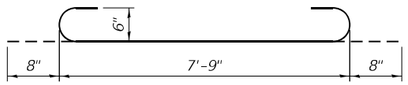
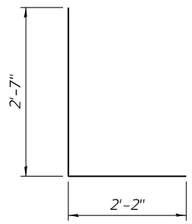


BAR a2(E)



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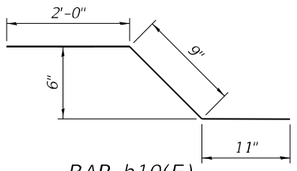

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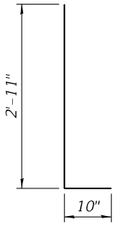
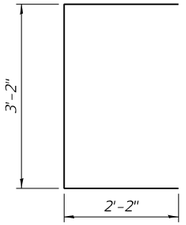


BAR v(E)



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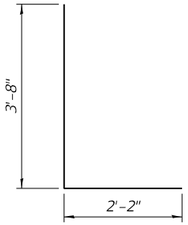

BAR v3(E)

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS
DROP BOX NO. 1 - STA. 242+58.00 LT (S.N. 089-1133)
SHEET 2 OF 3 SHEETS

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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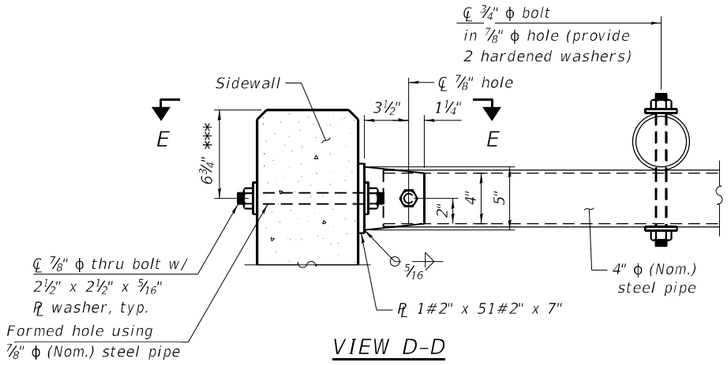
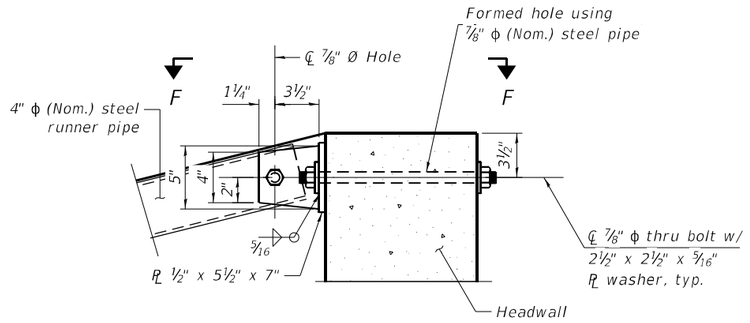
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

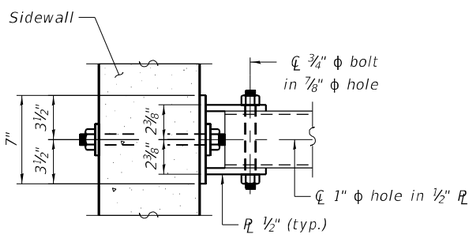


VIEW D-D

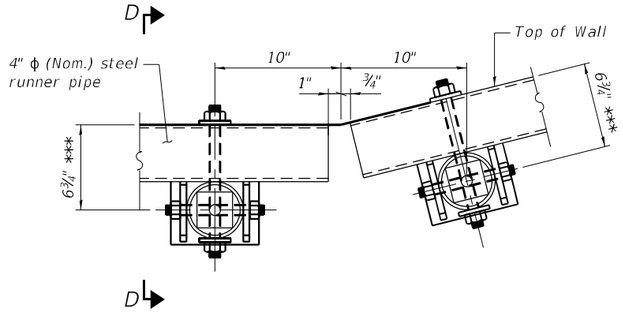
*** Measured perpendicular to top of wall. In addition, formed hole shall be located a minimum of 6" measured horizontally from any vertical joints necessary for construction of the drop box.



DETAIL A



VIEW E-E



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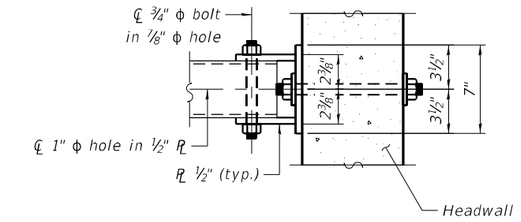

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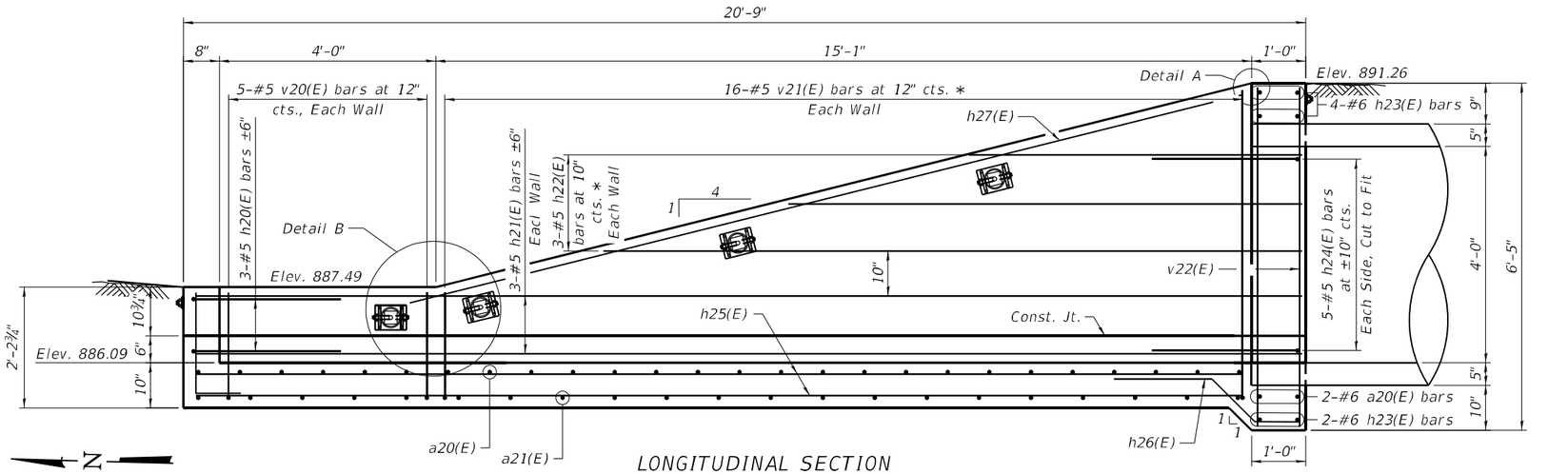
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GRATING DETAILS
DROP BOX NO. 1 - STA. 242+58.00 LT (S.N. 089-1133)
SHEET 3 OF 3 SHEETS

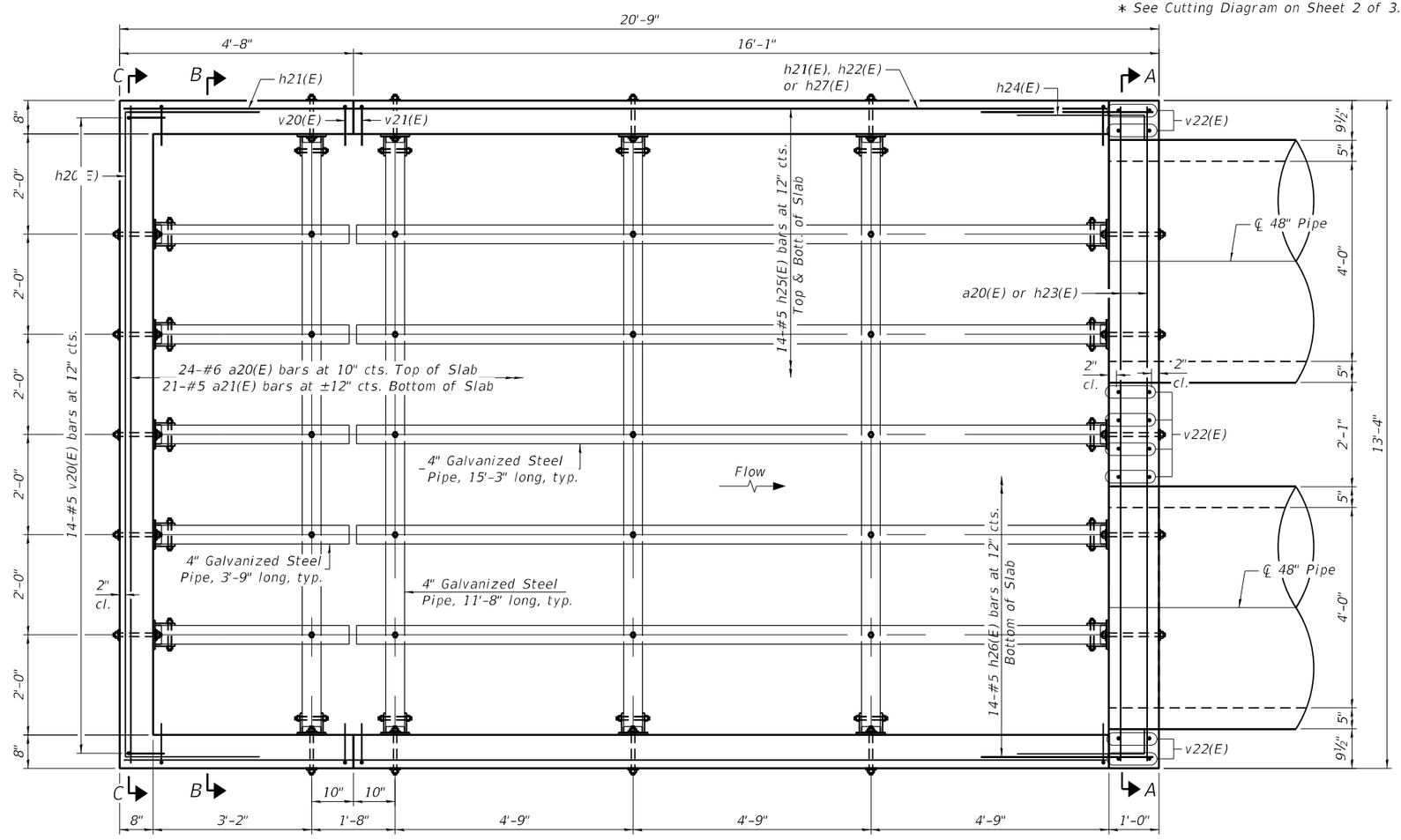
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22,107)R	STEPHENSON	277	147
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087



LONGITUDINAL SECTION

* See Cutting Diagram on Sheet 2 of 3.



PLAN

GENERAL NOTES

1. Reinforcement bars designated (E) shall be epoxy coated.
2. All exposed concrete edges shall be chamfered ¾" unless otherwise noted.
3. All construction joints shall be bonded.
4. The contract unit price "Each" for Drop Box No. 2 shall include the cost of Concrete Structures, Reinforcement Bars, Epoxy Coated, Structure or Earth Excavation where required, backfilling and necessary grading to construct the structure as shown.
5. The contract unit price "Foot" for Traversable Pipe Grate for Concrete End Section shall include the steel pipe grate system, steel plates, bolts, nuts, and washers.
6. Steel pipes shall conform to A.S.T.M. A-53 (Type E or S) Grade B Schedule 40 & shall be galvanized conforming to A.S.T.M. A-120.
7. Steel plates shall conform to AASHTO M-183 & shall be galvanized conforming to AASHTO M-111.
8. Bolts, nuts, & washers shall be in accordance with Article 1006.08 of the Standard Specifications and shall be galvanized.
9. Contractor shall field verify galvanized pipe length.
10. The minimum distance from the center of a hole to the free edge of a structured shape or plate shall be 1½" unless noted otherwise.
11. Bolts shall be snug tightened by a few impacts of an impact wrench or the full force of a worker using an ordinary spud wrench.
12. This work shall be done according to the applicable portions of 502, 503, 505, 508, and 540 of the Standard Specifications.
13. Fabrication of the Steel Pipe Grate System shall conform to the requirements in Section 505 of the Standard Specifications unless noted otherwise.
14. Contractor to confirm that a minimum allowable gross bearing pressure equal to 2000 PSF can be achieved prior to construction of Drop Box structure.
15. Backfilling and future excavations shall be performed equally on all sides of the structure.
16. The inorganic zinc rich primer/acrylic/acrylic paint system shall be used for field painting of holes, threads, etc.
17. See sheets 2 and 3 of 3 for Section A-A, B-B, and C-C and Details A and B.

KEITH W. BENTING
STATE OF ILLINOIS
4777
DECATUR, ILLINOIS
LICENSED STRUCTURAL ENGINEER

Keith W. Benting — 3/14/2025
Keith W. Benting, Illinois S.E. 081-004777 — Date
Expires 11/30/2026

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Traversable Pipe Grate for Concrete End Section	Foot	142
Drop Box No. 2	Each	1

DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications, 9th Edition

MINIMUM BAR LAP

#5 Bar = 3'-7"

DESIGN STRESSES

FIELD UNITS

f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)

GENERAL PLAN AND ELEVATION
US 20 OVER DITCH
F.A.P. 301, F.A.P. 654, F.A.S. 1087
SECTION (22,107)R
STEPHENSON COUNTY
STRUCTURE NO. 089-1134

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QUIGG ENGINEERING INC

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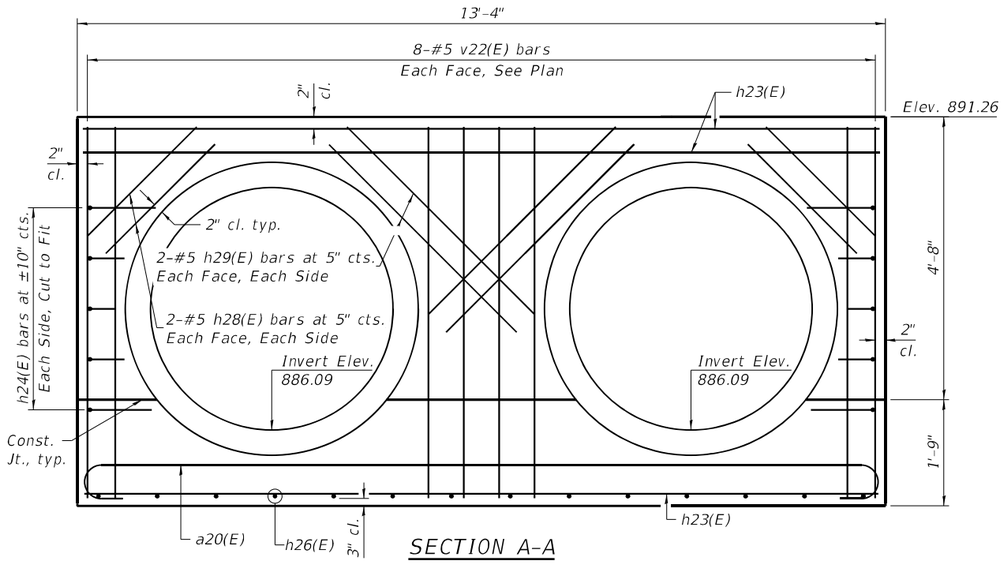
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

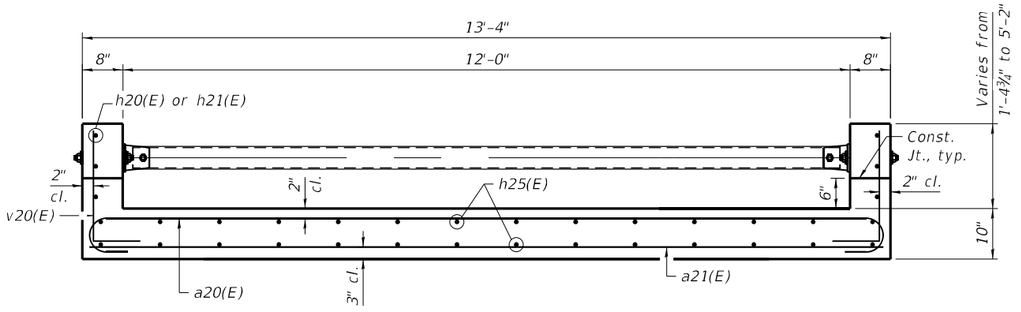
GENERAL PLAN AND ELEVATION
DROP BOX NO. 2 - STA. 286+45.00 LT (S.N. 089-1134)
SHEET 1 OF 3 SHEETS

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22,107)R	STEPHENSON	277	148
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

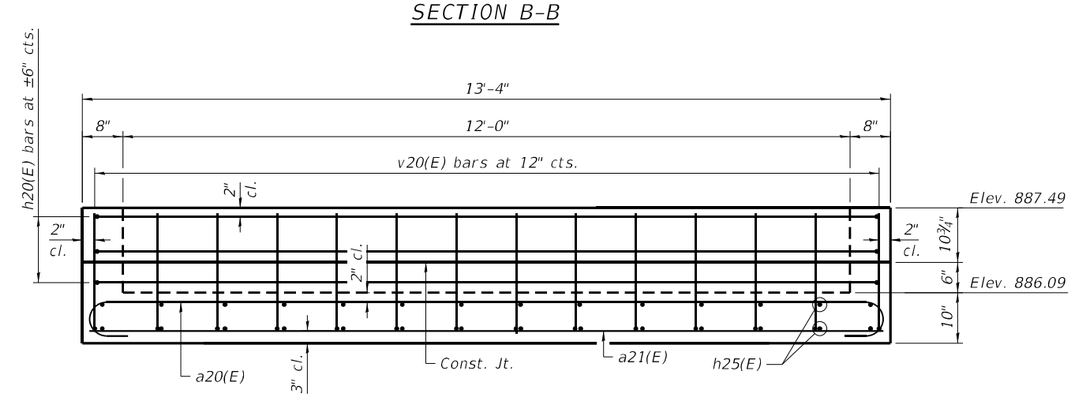
* FAP 301, FAP 654, FAS 1087



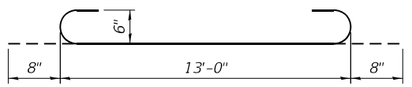
SECTION A-A



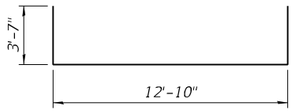
SECTION B-B



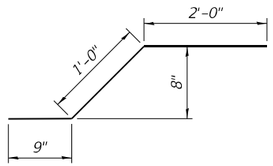
SECTION C-C



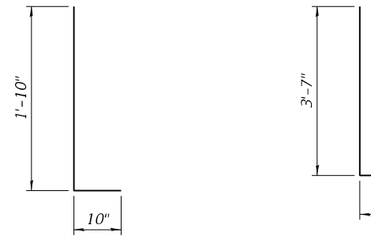
BAR a20(E)



BAR h20(E)



BAR h26(E)



BAR v20(E) BAR h24(E)

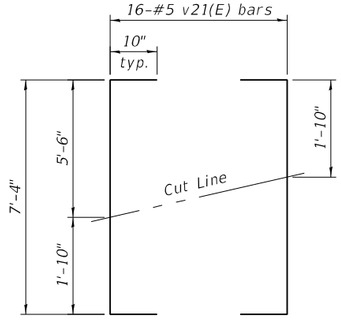
BILL OF MATERIAL

(For Information Only)

Bar	No.	Size	Length	Shape
a20(E)	26	#6	14'-4"	
a21(E)	21	#5	13'-0"	
h20(E)	3	#5	20'-0"	
h21(E)	6	#5	20'-5"	
h22(E)	3	#5	18'-4"	
h23(E)	6	#6	13'-0"	
h24(E)	10	#5	4'-8"	
h25(E)	28	#5	19'-5"	
h26(E)	14	#5	3'-9"	
h27(E)	2	#5	15'-10"	
h28(E)	8	#5	2'-6"	
h29(E)	8	#5	4'-4"	
v20(E)	24	#5	2'-8"	
v21(E)	16	#5	9'-0"	
v22(E)	16	#5	6'-1"	

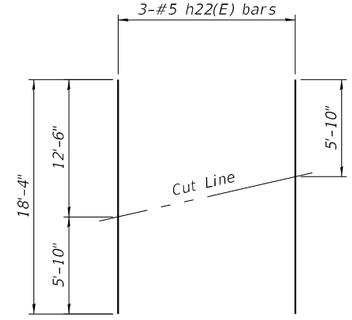
	Item		Unit	Total
*	Concrete Structures		Cu. Yd.	13.2
*	Reinforcement Bars, Epoxy Coated		Pound	2290
**	4" Galv. Steel Pipe	5 ◎	Foot	3'-9"
		4 ◎		11'-8"
		5 ◎		15'-3"
**	Side Assembly		Each	18

* Included in Drop Box No. 2
** Included in Traversable Pipe Grate for Concrete End Section



BAR v21(E) FIELD CUTTING DIAGRAM

Order v21(E) bars full length. Cut as shown and use remainder of bars in opposite wall.



BAR h22(E) FIELD CUTTING DIAGRAM

Order h22(E) bars full length. Cut as shown and use remainder of bars in opposite wall.

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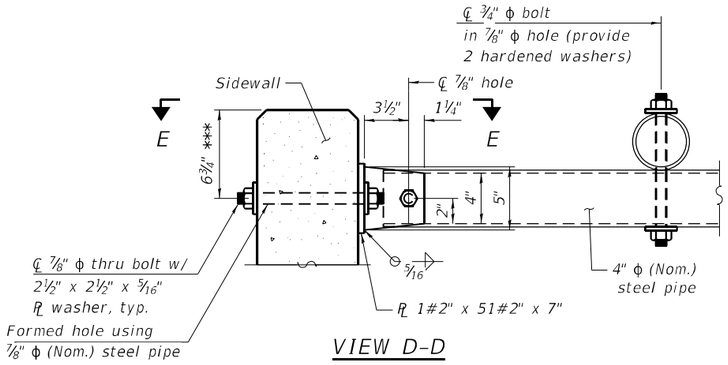
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS
DROP BOX NO. 2 - STA. 286+45.00 LT (S.N. 089-1134)
SHEET 2 OF 3 SHEETS

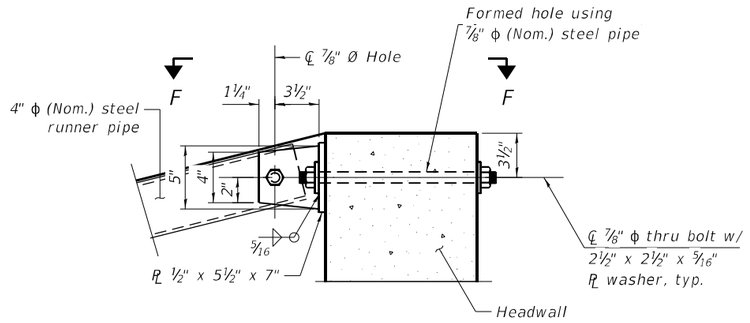
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22,107)R	STEPHENSON	277	149
		CONTRACT NO. 64L27		
		ILLINOIS	FED. AID PROJECT	

* FAP 301, FAP 654, FAS 1087

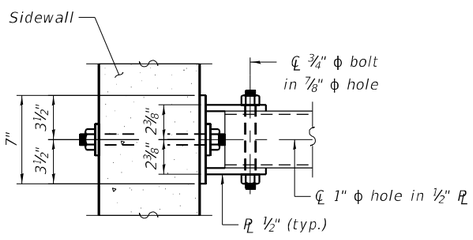


VIEW D-D

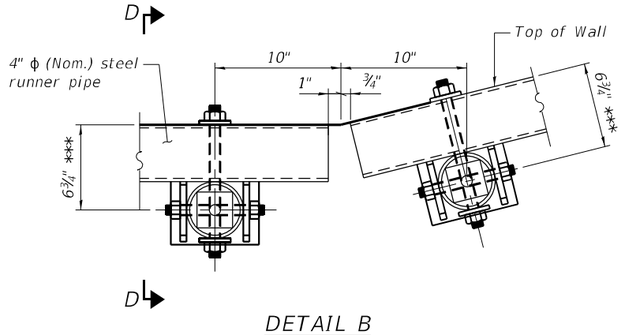
*** Measured perpendicular to top of wall. In addition, formed hole shall be located a minimum of 6" measured horizontally from any vertical joints necessary for construction of the drop box.



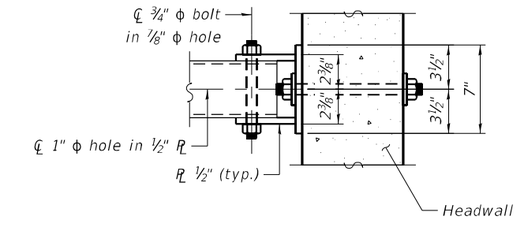
DETAIL A



VIEW E-E



DETAIL B



VIEW F-F

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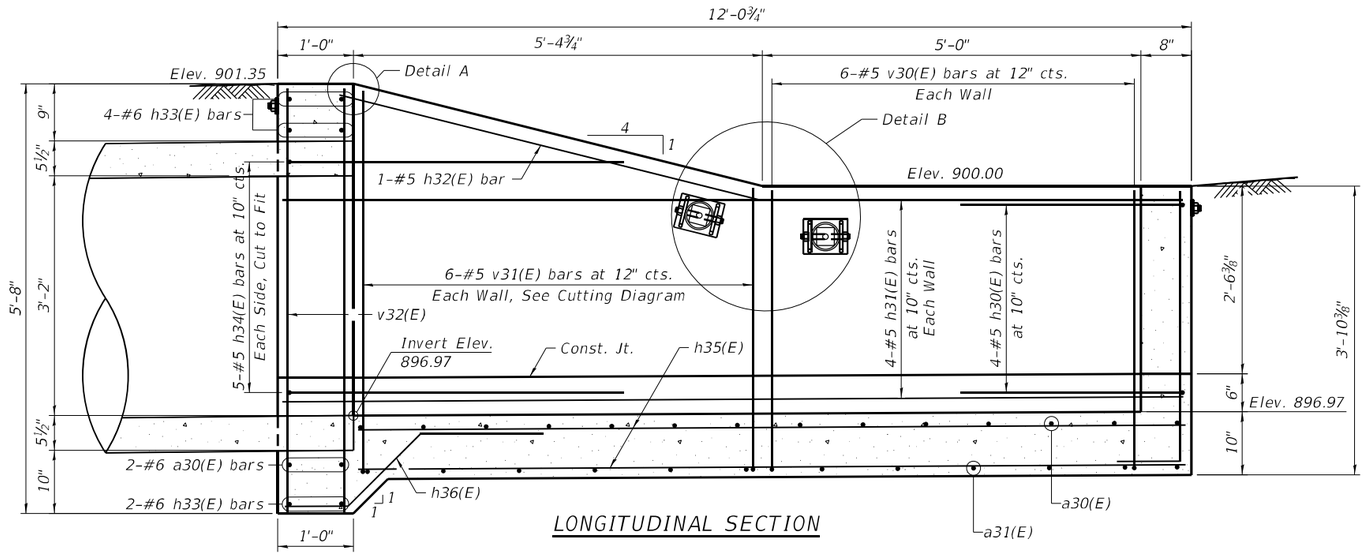
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

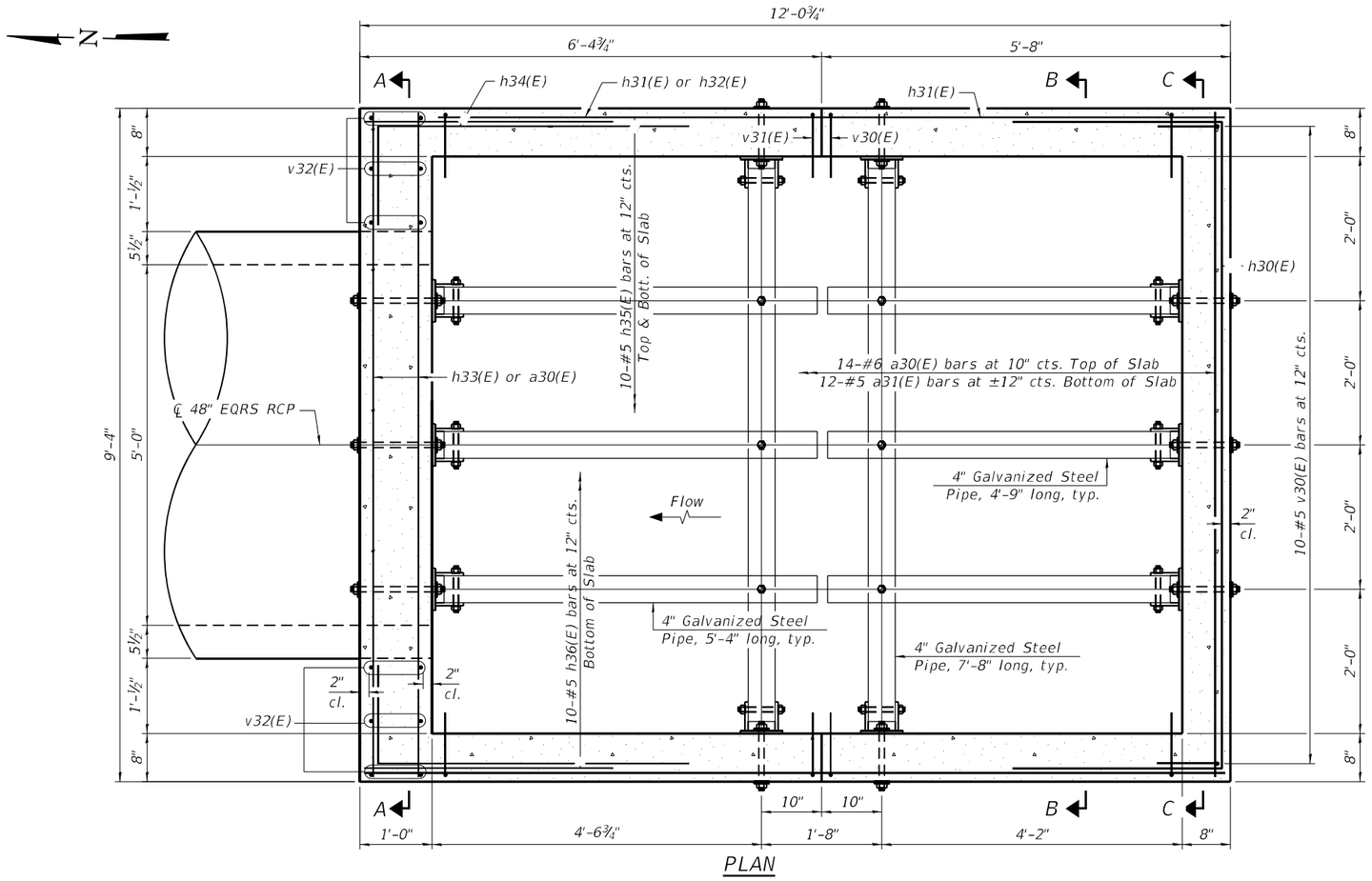
GRATING DETAILS
DROP BOX NO. 2 - STA. 286+45.00 LT (S.N. 089-1134)
SHEET 3 OF 3 SHEETS

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22,107)R	STEPHENSON	277	150
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087



LONGITUDINAL SECTION



PLAN

GENERAL NOTES

1. Reinforcement bars designated (E) shall be epoxy coated.
2. All exposed concrete edges shall be chamfered ¾" unless otherwise noted.
3. All construction joints shall be bonded.
4. The contract unit price "Each" for Drop Box No. 3 shall include the cost of Concrete Structures, Reinforcement Bars, Epoxy Coated, Structure or Earth Excavation where required, backfilling and necessary grading to construct the structure as shown.
5. The contract unit price "Foot" for Traversable Pipe Grate for Concrete End Section shall include the steel pipe grate system, steel plates, bolts, nuts, and washers.
6. Steel pipes shall conform to A.S.T.M. A-53 (Type E or S) Grade B Schedule 40 & shall be galvanized conforming to A.S.T.M. A-120.
7. Steel plates shall conform to AASHTO M-183 & shall be galvanized conforming to AASHTO M-111.
8. Bolts, nuts, & washers shall be in accordance with Article 1006.08 of the Standard Specifications and shall be galvanized.
9. Contractor shall field verify galvanized pipe length.
10. The minimum distance from the center of a hole to the free edge of a structured shape or plate shall be 1½" unless noted otherwise.
11. Bolts shall be snug tightened by a few impacts of an impact wrench or the full force of a worker using an ordinary spud wrench.
12. This work shall be done according to the applicable portions of 502, 503, 505, 508, and 540 of the Standard Specifications.
13. Fabrication of the Steel Pipe Grate System shall conform to the requirements in Section 505 of the Standard Specifications unless noted otherwise.
14. Contractor to confirm that a minimum allowable gross bearing pressure equal to 2000 PSF can be achieved prior to construction of Drop Box structure.
15. Backfilling and future excavations shall be performed equally on all sides of the structure.
16. The inorganic zinc rich primer/acrylic/acrylic paint system shall be used for field painting of holes, threads, etc.
17. See sheets 2 and 3 of 3 for Section A-A, B-B, and C-C and Details A and B.

KEITH W. BENTING
STATE OF ILLINOIS
4777
DECATUR, ILLINOIS
LICENSED STRUCTURAL ENGINEER

Keith W. Benting — 3/14/2025

Keith W. Benting, Illinois S.E. 081-004777 — Date
Expires 11/30/2026

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Traversable Pipe Grate for Concrete End Section	Foot	46
Drop Box No. 3	Each	1

DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications, 9th Edition

MINIMUM BAR LAP

#5 Bar = 3'-7"

DESIGN STRESSES

FIELD UNITS

f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)

GENERAL PLAN AND ELEVATION
US 20 OVER DITCH
F.A.P. 301, F.A.P. 654, F.A.S. 1087
SECTION (22,107)R
STEPHENSON COUNTY
STRUCTURE NO. 089-1135

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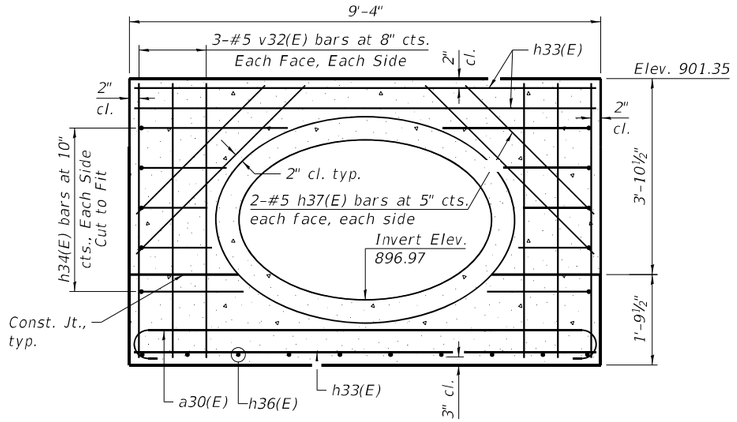
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

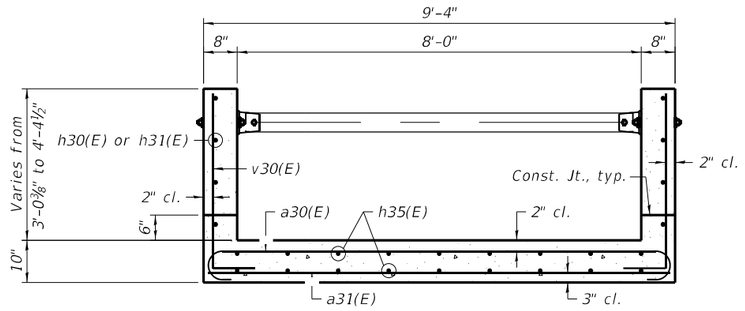
GENERAL PLAN AND ELEVATION
DROP BOX NO. 3 - STA. 306+87.00 LT (S.N. 089-1135)
SHEET 1 OF 3 SHEETS

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22,107)R	STEPHENSON	277	151
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087



SECTION A-A



SECTION B-B

BILL OF MATERIAL

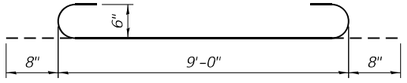
(For Information Only)

Bar	No.	Size	Length	Shape
a30(E)	16	#6	10'-4"	
a31(E)	12	#5	9'-0"	
h30(E)	4	#5	16'-0"	
h31(E)	8	#5	11'-8"	
h32(E)	2	#5	7'-6"	
h33(E)	6	#6	9'-0"	
h34(E)	10	#5	5'-7"	
h35(E)	20	#5	10'-8"	
h36(E)	10	#5	3'-10"	
h37(E)	8	#5	3'-8"	
v30(E)	22	#5	4'-3"	
v31(E)	6	#5	9'-10"	
v32(E)	12	#5	5'-4"	

	Item		Unit	Total
*	Concrete Structures		Cu. Yd.	6.9
*	Reinforcement Bars, Epoxy Coated		Pound	1200
**	4" Galv. Steel Pipe	3 ◎	Foot	4'-9"
		2 ◎		7'-8"
		3 ◎		5'-4"
**	Side Assembly		Each	10

* Included in Drop Box No. 3

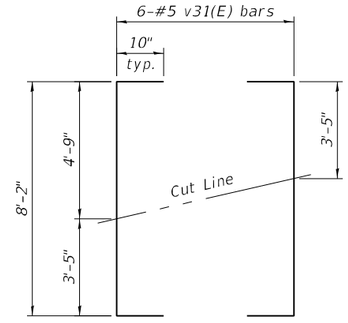
** Included in Traversable Pipe Grate for Concrete End Section



BAR a30(E)

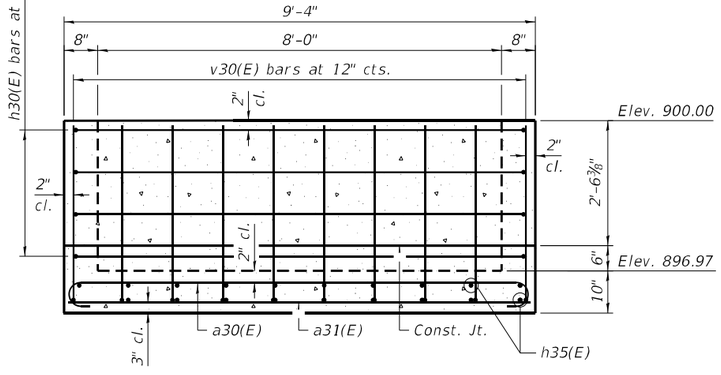
BAR v30(E)

BAR h30(E)

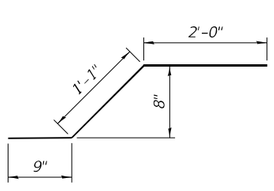


BAR v31(E) FIELD CUTTING DIAGRAM

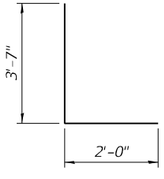
Order v31(E) bars full length. Cut as shown and use remainder of bars in opposite wall.



SECTION C-C



BAR h36(E)



BAR h34(E)

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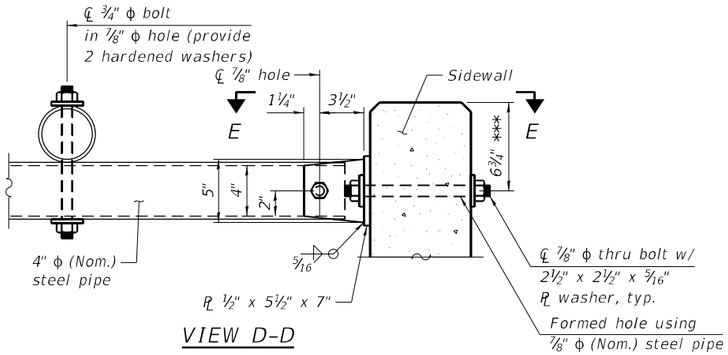
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS
DROP BOX NO. 3 - STA. 306+87.00 LT (S.N. 089-1135)
SHEET 2 OF 3 SHEETS

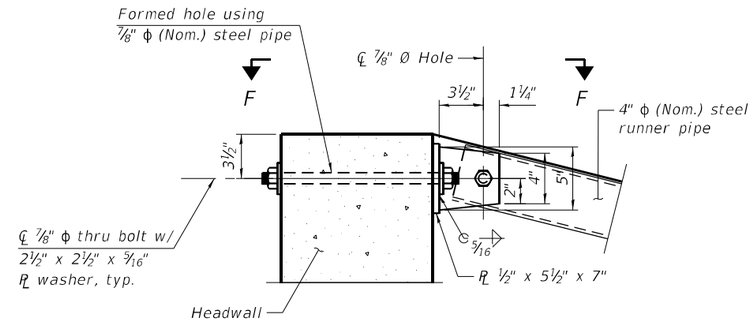
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22,107)R	STEPHENSON	277	152
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

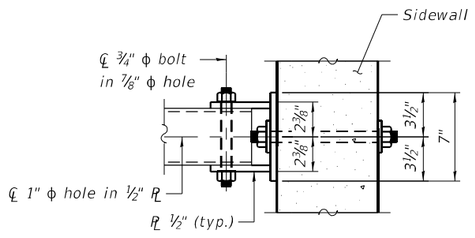


VIEW D-D

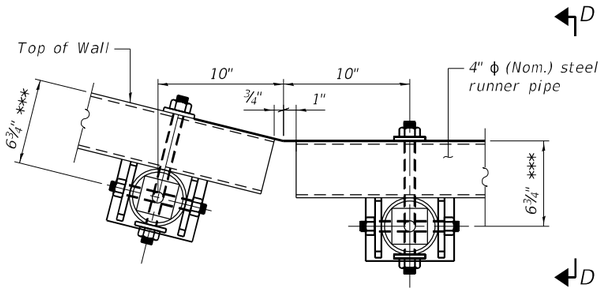
*** Measured perpendicular to top of wall. In addition, formed hole shall be located a minimum of 6" measured horizontally from any vertical joints necessary for construction of the drop box.



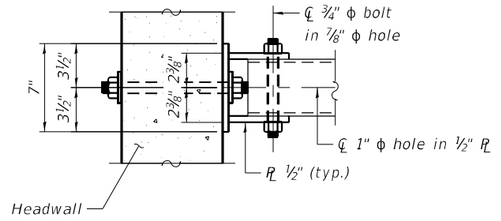
DETAIL A



VIEW E-E



DETAIL B



VIEW F-F

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QUIGG ENGINEERING INC

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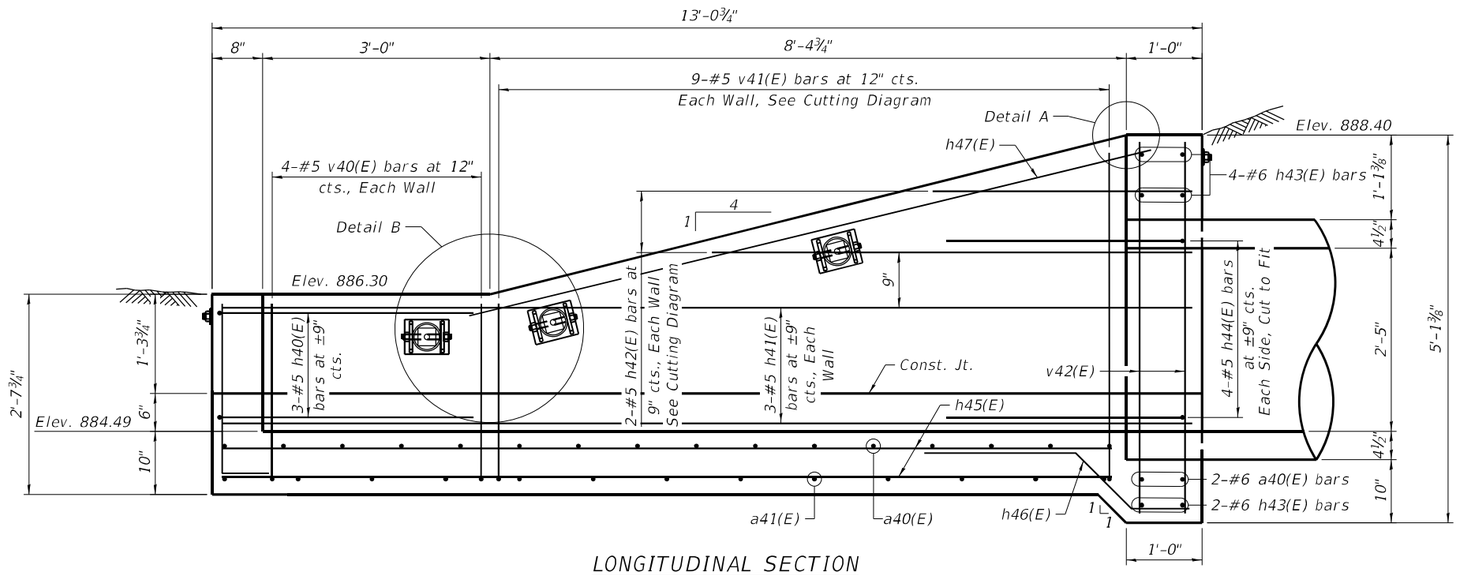
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

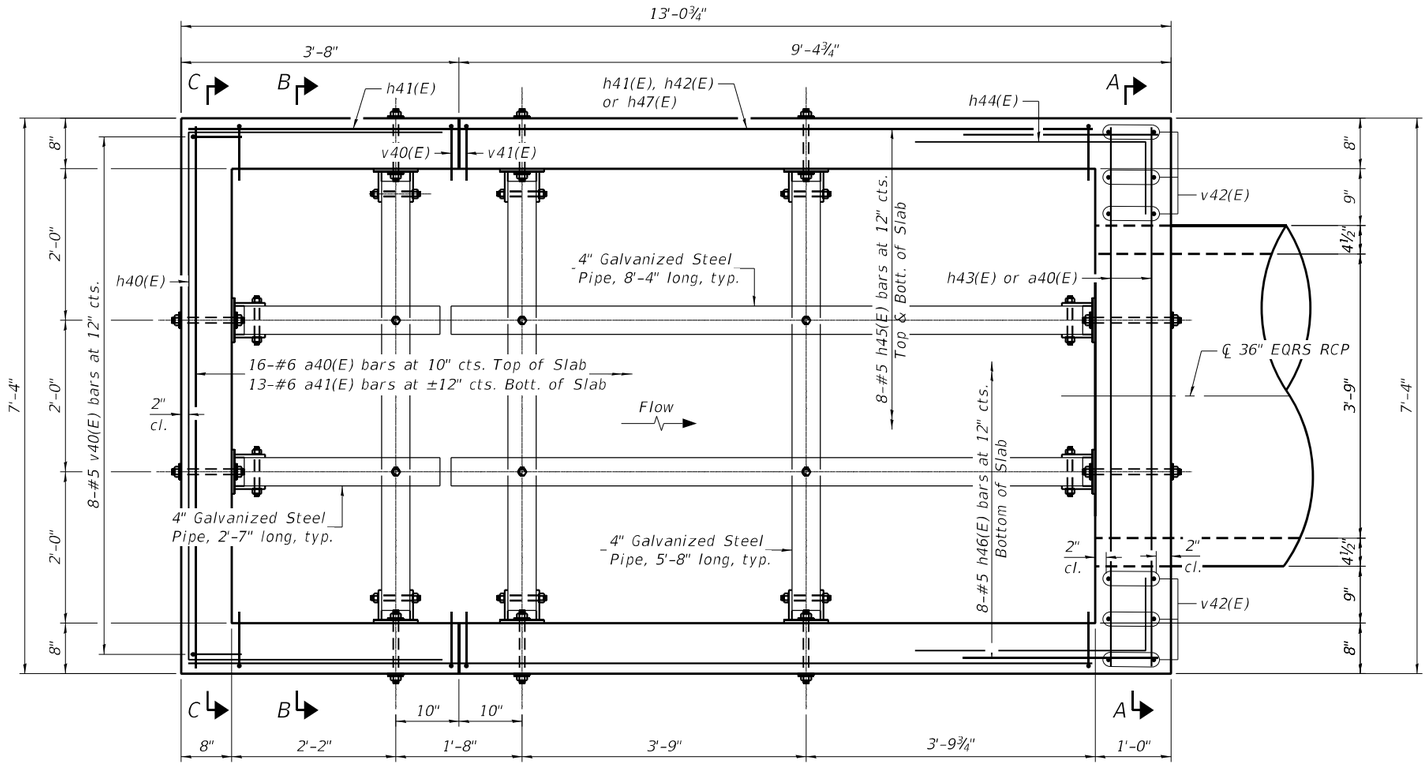
GRATING DETAILS
DROP BOX NO. 3 - STA. 306+87.00 LT (S.N. 089-1135)
SHEET 3 OF 3 SHEETS

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22,107)R	STEPHENSON	277	153
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087



LONGITUDINAL SECTION



PLAN

N

GENERAL NOTES

1. Reinforcement bars designated (E) shall be epoxy coated.
2. All exposed concrete edges shall be chamfered ¾" unless otherwise noted.
3. All construction joints shall be bonded.
4. The contract unit price "Each" for Drop Box No. 4 shall include the cost of Concrete Structures, Reinforcement Bars, Epoxy Coated, Structure or Earth Excavation where required, backfilling and necessary grading to construct the structure as shown.
5. The contract unit price "Foot" for Traversable Pipe Grate for Concrete End Section shall include the steel pipe grate system, steel plates, bolts, nuts, and washers.
6. Steel pipes shall conform to A.S.T.M. A-53 (Type E or S) Grade B Schedule 40 & shall be galvanized conforming to A.S.T.M. A-120.
7. Steel plates shall conform to AASHTO M-183 & shall be galvanized conforming to AASHTO M-111.
8. Bolts, nuts, & washers shall be in accordance with Article 1006.08 of the Standard Specifications and shall be galvanized.
9. Contractor shall field verify galvanized pipe length.
10. The minimum distance from the center of a hole to the free edge of a structured shape or plate shall be 1½" unless noted otherwise.
11. Bolts shall be snug tightened by a few impacts of an impact wrench or the full force of a worker using an ordinary spud wrench.
12. This work shall be done according to the applicable portions of 502, 503, 505, 508, and 540 of the Standard Specifications.
13. Fabrication of the Steel Pipe Grate System shall conform to the requirements in Section 505 of the Standard Specifications unless noted otherwise.
14. Contractor to confirm that a minimum allowable gross bearing pressure equal to 2000 PSF can be achieved prior to construction of Drop Box structure.
15. Backfilling and future excavations shall be performed equally on all sides of the structure.
16. The inorganic zinc rich primer/acrylic/acrylic paint system shall be used for field painting of holes, threads, etc.
17. See sheets 2 and 3 of 3 for Section A-A, B-B, and C-C and Details A and B.

KEITH W. BENTING
STATE OF ILLINOIS
4777
DECATUR, ILLINOIS
LICENSED STRUCTURAL ENGINEER

Keith W. Benting 3/14/2025

Keith W. Benting, Illinois S.E. 081-004777 Date
Expires 11/30/2026

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Traversable Pipe Grate for Concrete End Section	Foot	39
Drop Box No. 4	Each	1

DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications, 9th Edition

MINIMUM BAR LAP

#5 Bar = 3'-7"

DESIGN STRESSES

FIELD UNITS

f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)

GENERAL PLAN AND ELEVATION
IL 73 OVER DITCH
F.A.P. 301, F.A.P. 654, F.A.S. 1087
SECTION (22,107)R
STEPHENSON COUNTY
DROP BOX NO. 4

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QUIGG ENGINEERING INC

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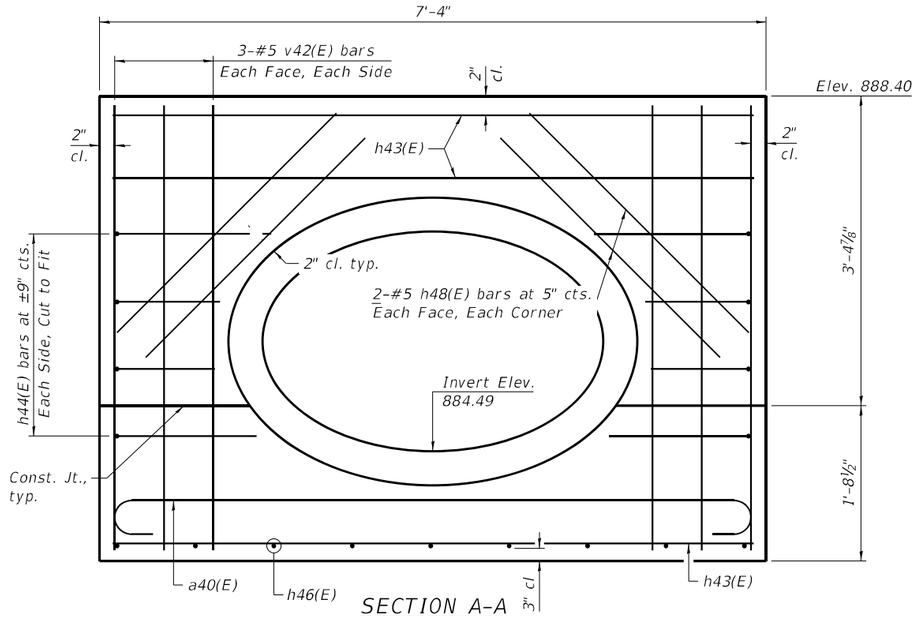
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

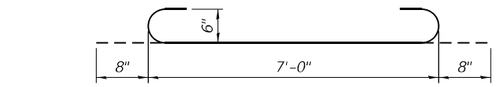
GENERAL PLAN AND ELEVATION
DROP BOX NO. 4 - STA. 578+00.00 LT
SHEET 1 OF 3 SHEETS

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22,107)R	STEPHENSON	277	154
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

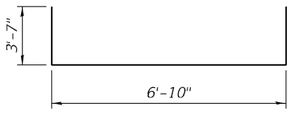
* FAP 301, FAP 654, FAS 1087



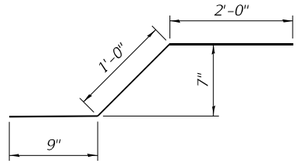
SECTION A-A



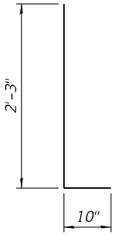
BAR a40(E)



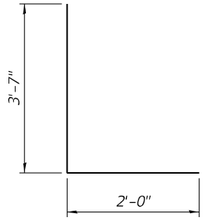
BAR h40(E)



BAR h46(E)



BAR v40(E)



BAR h44(E)

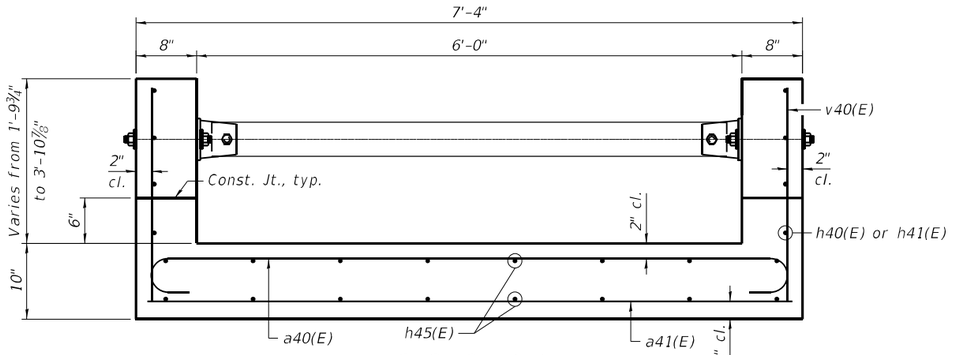
BILL OF MATERIAL

(For Information Only)

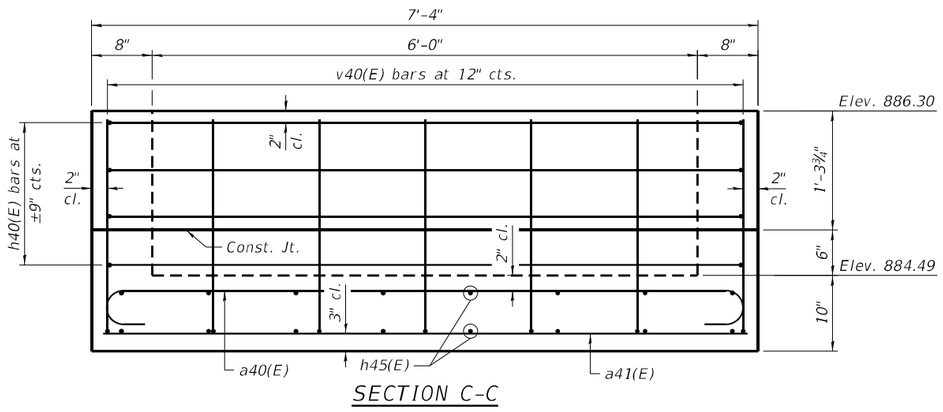
Bar	No.	Size	Length	Shape
a40(E)	18	#6	8'-4"	
a41(E)	13	#5	7'-0"	
h40(E)	3	#5	14'-0"	
h41(E)	6	#5	12'-8"	
h42(E)	2	#5	10'-6"	
h43(E)	6	#6	7'-0"	
h44(E)	8	#5	5'-7"	
h45(E)	16	#5	11'-8"	
h46(E)	8	#5	3'-9"	
h47(E)	2	#5	9'-4"	
h48(E)	8	#5	3'-5"	
v40(E)	16	#5	3'-1"	
v41(E)	9	#5	8'-4"	
v42(E)	12	#5	4'-9"	

	Item		Unit	Total
*	Concrete Structures		Cu. Yd.	5.6
*	Reinforcement Bars, Epoxy Coated		Pound	1040
**	4" Galv. Steel Pipe	2 ◎	Foot	2'-7"
		3 ◎		5'-8"
		2 ◎		8'-4"
**	Side Assembly		Each	10

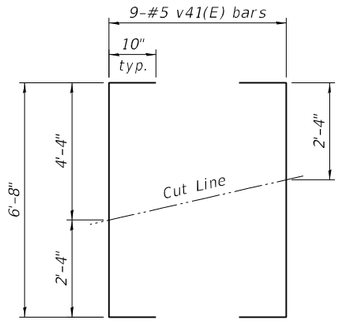
* Included in Drop Box No. 4
** Included in Traversable Pipe Grate for Concrete End Section



SECTION B-B

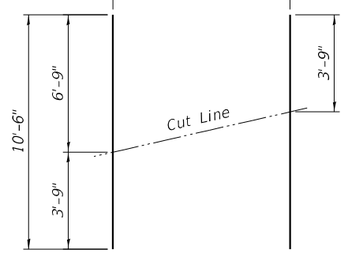


SECTION C-C



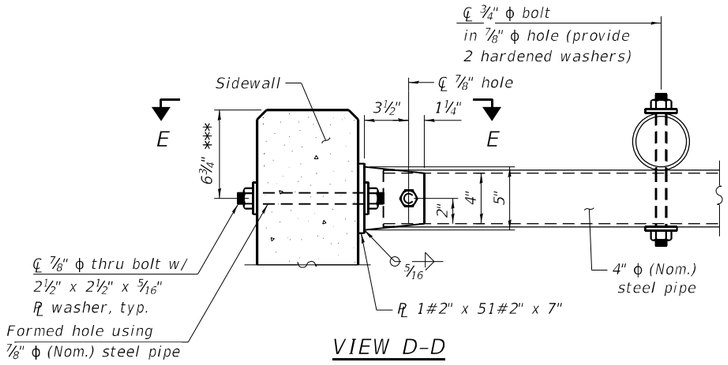
BAR v41(E) FIELD CUTTING DIAGRAM

Order v41(E) bars full length. Cut as shown and use remainder of bars in opposite wall.



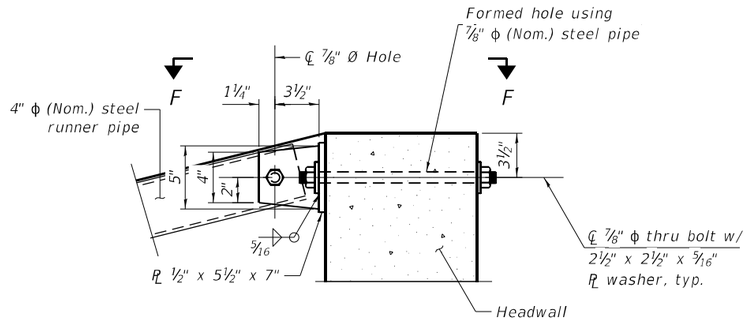
BAR h42(E) FIELD CUTTING DIAGRAM

Order h42(E) bars full length. Cut as shown and use remainder of bars in opposite wall.

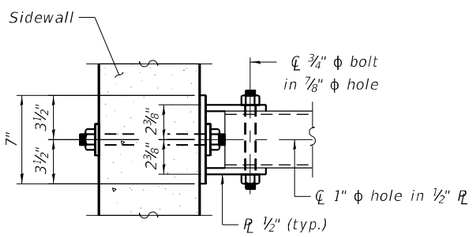


VIEW D-D

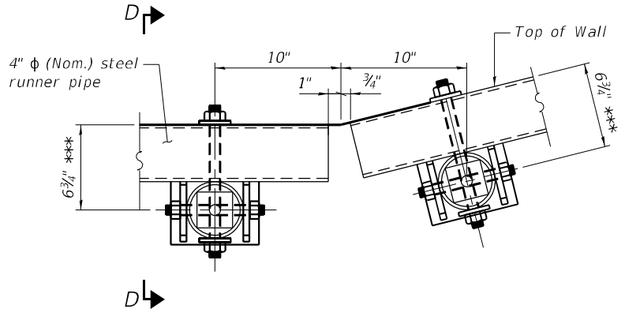
*** Measured perpendicular to top of wall. In addition, formed hole shall be located a minimum of 6" measured horizontally from any vertical joints necessary for construction of the drop box.



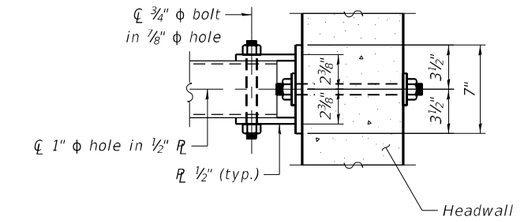
DETAIL A



VIEW E-E



DETAIL B



VIEW F-F

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QUIGG ENGINEERING INC

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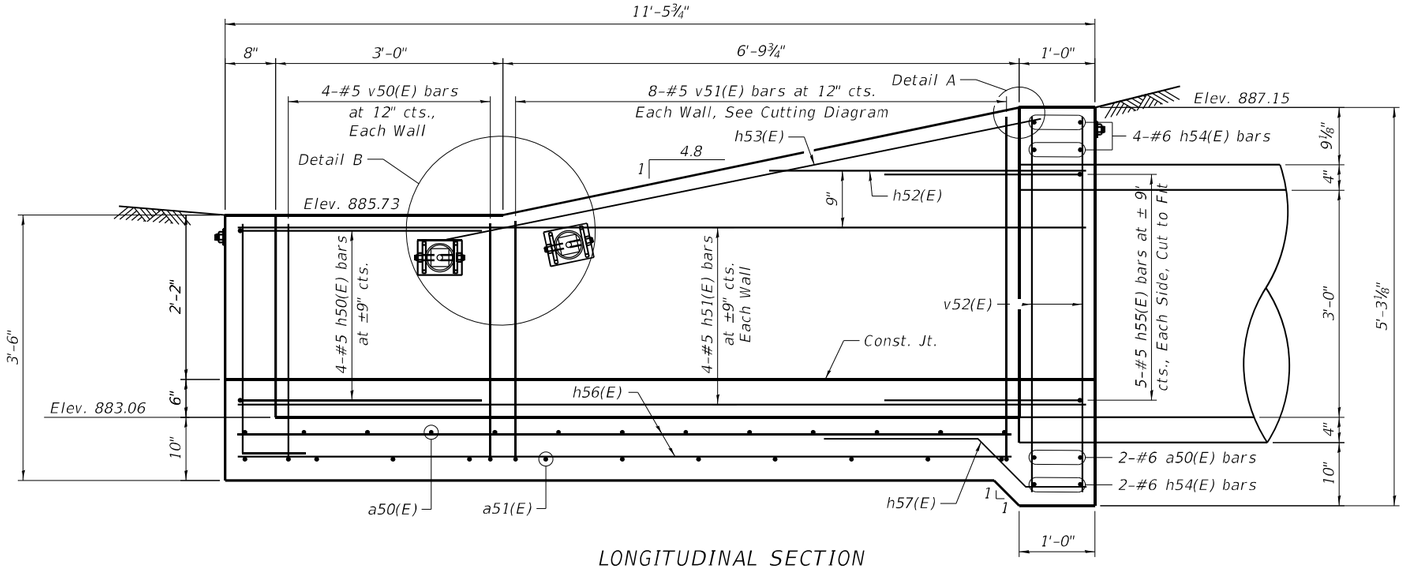
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

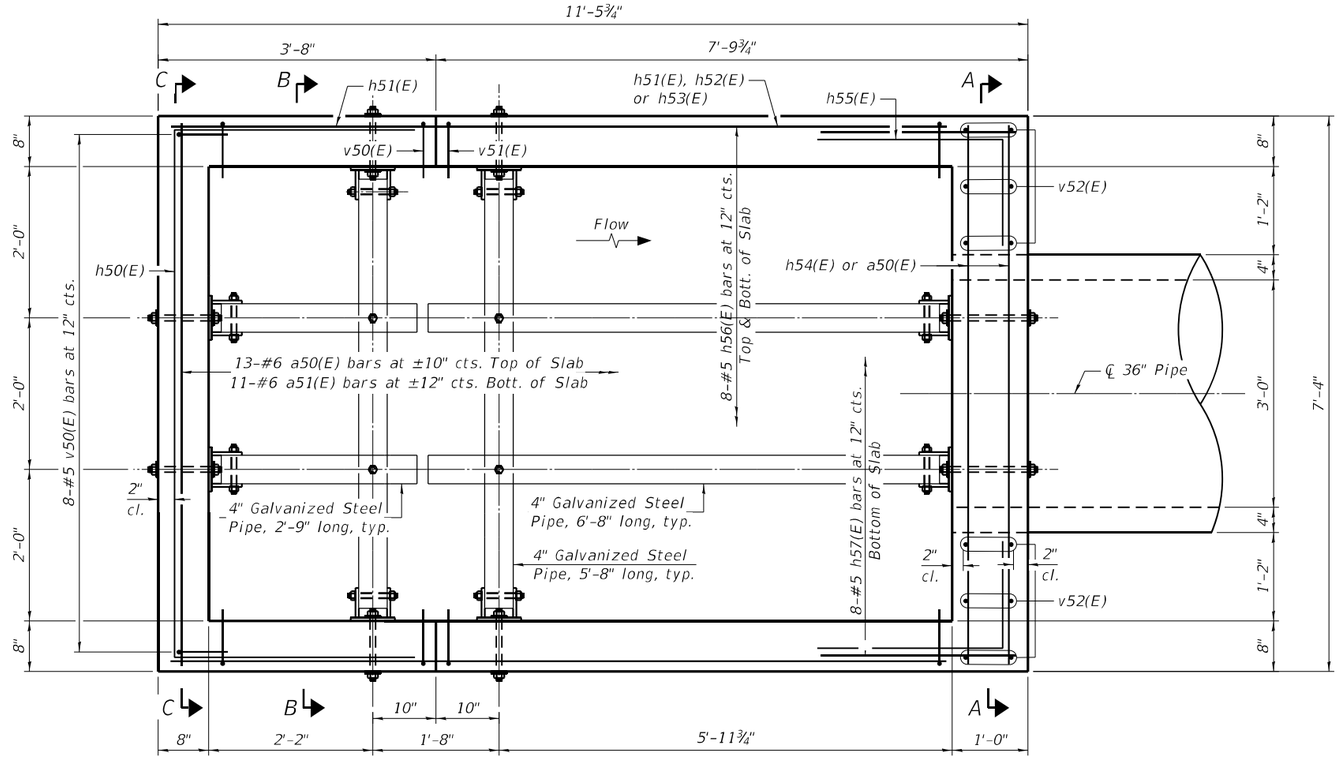
GRATING DETAILS
DROP BOX NO. 4 - STA. 578+00.00 LT
SHEET 3 OF 3 SHEETS

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22,107)R	STEPHENSON	277	156
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

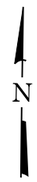
* FAP 301, FAP 654, FAS 1087



LONGITUDINAL SECTION



PLAN



GENERAL NOTES

1. Reinforcement bars designated (E) shall be epoxy coated.
2. All exposed concrete edges shall be chamfered ¾" unless otherwise noted.
3. All construction joints shall be bonded.
4. The contract unit price "Each" for Drop Box No. 5 shall include the cost of Concrete Structures, Reinforcement Bars, Epoxy Coated, Structure or Earth Excavation where required, backfilling and necessary grading to construct the structure as shown.
5. The contract unit price "Foot" for Traversable Pipe Grate for Concrete End Section shall include the steel pipe grate system, steel plates, bolts, nuts, and washers.
6. Steel pipes shall conform to A.S.T.M. A-53 (Type E or S) Grade B Schedule 40 & shall be galvanized conforming to A.S.T.M. A-120.
7. Steel plates shall conform to AASHTO M-183 & shall be galvanized conforming to AASHTO M-111.
8. Bolts, nuts, & washers shall be in accordance with Article 1006.08 of the Standard Specifications and shall be galvanized.
9. Contractor shall field verify galvanized pipe length.
10. The minimum distance from the center of a hole to the free edge of a structured shape or plate shall be 1½" unless noted otherwise.
11. Bolts shall be snug tightened by a few impacts of an impact wrench or the full force of a worker using an ordinary spud wrench.
12. This work shall be done according to the applicable portions of 502, 503, 505, 508, and 540 of the Standard Specifications.
13. Fabrication of the Steel Pipe Grate System shall conform to the requirements in Section 505 of the Standard Specifications unless noted otherwise.
14. Contractor to confirm that a minimum allowable gross bearing pressure equal to 2000 PSF can be achieved prior to construction of Drop Box structure.
15. Backfilling and future excavations shall be performed equally on all sides of the structure.
16. The inorganic zinc rich primer/acrylic/acrylic paint system shall be used for field painting of holes, threads, etc.
17. See sheets 2 and 3 of 3 for Section A-A, B-B, and C-C and Details A and B.

MINIMUM BAR LAP

#5 Bar = 3'-7"

DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications, 9th Edition

DESIGN STRESSES

FIELD UNITS

f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)

KEITH W. BENTING
STATE OF ILLINOIS
4777
DECATUR, ILLINOIS
LICENSED STRUCTURAL ENGINEER

Keith W. Benting — 3/14/2025

Keith W. Benting, Illinois S.E. 081-004777 Date
Expires 11/30/2026

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Traversable Pipe Grate for Concrete End Section	Foot	30.5
Drop Box No. 5	Each	1

GENERAL PLAN AND ELEVATION
IL 73 OVER DITCH
F.A.P. 301, F.A.P. 654, F.A.S. 1087
SECTION (22,107)R
STEPHENSON COUNTY
DROP BOX NO. 5

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QUIGG ENGINEERING INC

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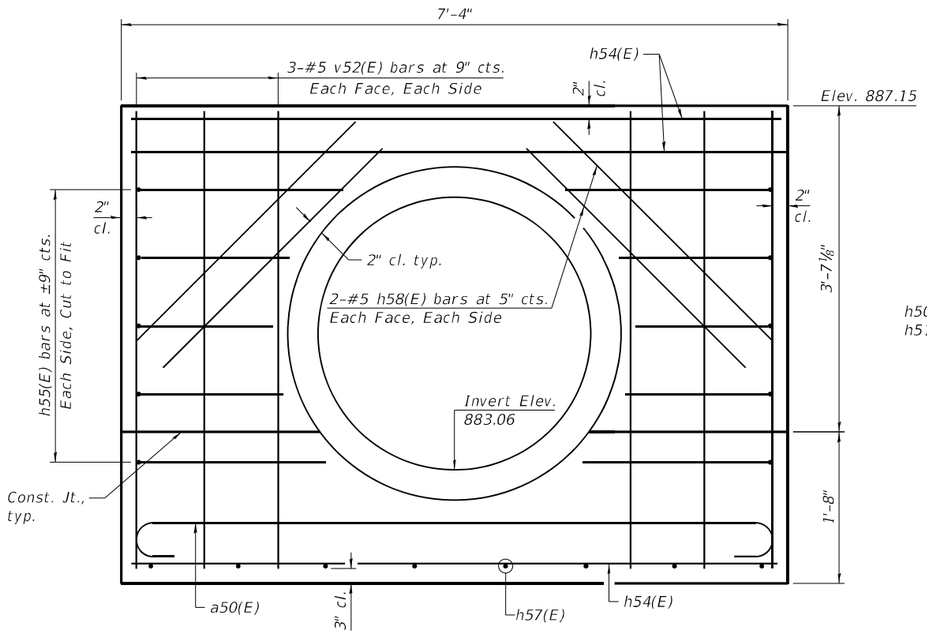
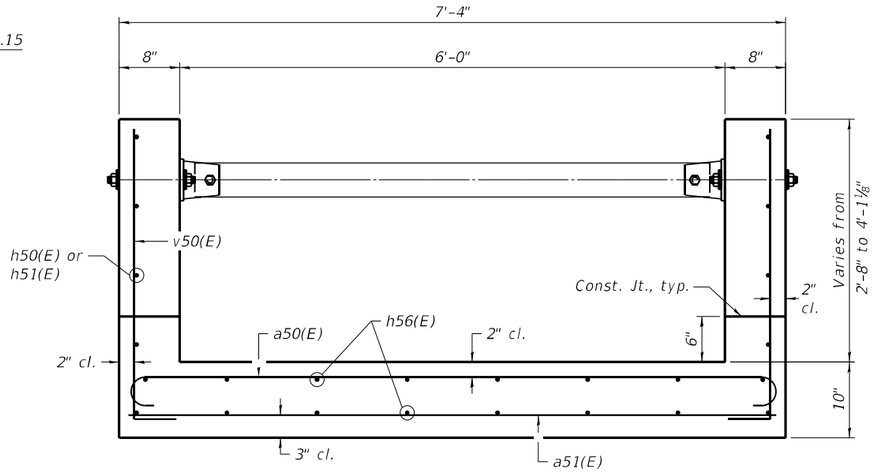
PLOT DATE =	CHECKED - RPW	REVISED -		SHEET 1 OF 3 SHEETS	

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22,107)R	STEPHENSON	277	157
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087



SECTION A-A



SECTION B-B

BILL OF MATERIAL

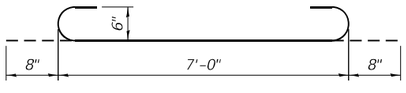
(For Information Only)

Bar	No.	Size	Length	Shape
a50(E)	15	#6	8'-4"	
a51(E)	11	#5	7'-0"	
h50(E)	4	#5	14'-0"	
h51(E)	8	#5	11'-1"	
h52(E)	2	#5	4'-1"	
h53(E)	2	#5	8'-0"	
h54(E)	6	#6	7'-0"	
h55(E)	10	#5	5'-10"	
h56(E)	16	#5	10'-1"	
h57(E)	8	#5	3'-9"	
h58(E)	8	#5	3'-5"	
v50(E)	16	#5	3'-11"	
v51(E)	8	#5	9'-2"	
v52(E)	12	#5	4'-11"	

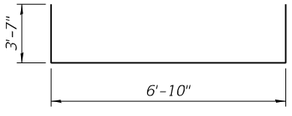
	Item		Unit	Total
*	Concrete Structures		Cu. Yd.	5.5
*	Reinforcement Bars, Epoxy Coated		Pound	1000
**	4" Galv. Steel Pipe	2 ◯	Foot	2'-9"
		2 ◯		5'-8"
		2 ◯		6'-8"
**	Side Assembly		Each	8

* Included in Drop Box No. 5

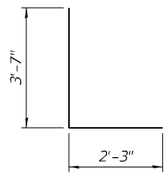
** Included in Traversable Pipe Grate for Concrete End Section



BAR a50(E)



BAR h50(E)



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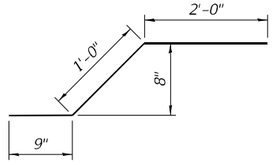
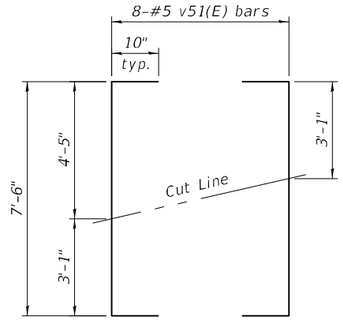
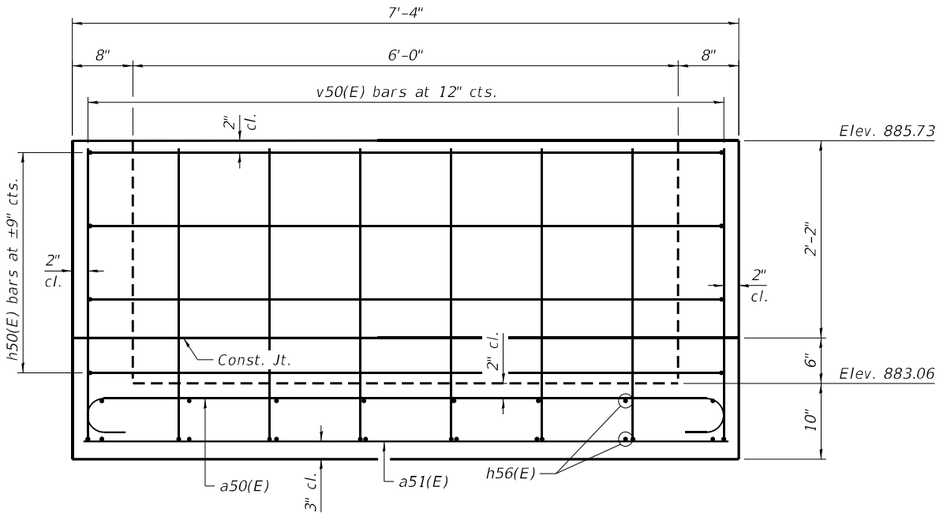


BAR h57(E)

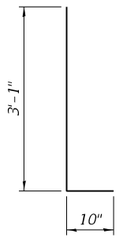


BAR v51(E) FIELD CUTTING DIAGRAM

Order v51(E) bars full length. Cut as shown and use remainder of bars in opposite wall.



SECTION C-C



BAR v50(E)

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	PLOT DATE =	CHECKED - RPW	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS
DROP BOX NO. 5 - STA. 580+00.00 LT
SHEET 2 OF 3 SHEETS

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22,107)R	STEPHENSON	277	158
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

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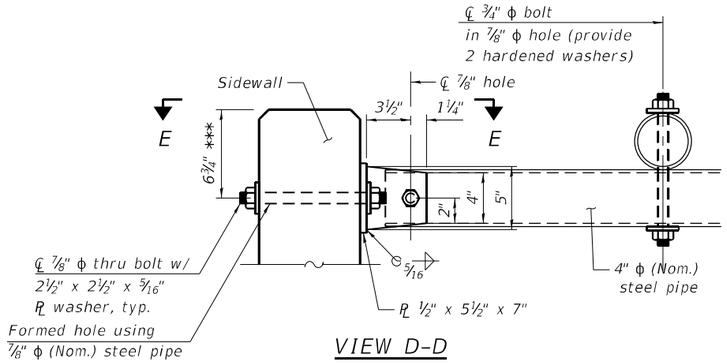
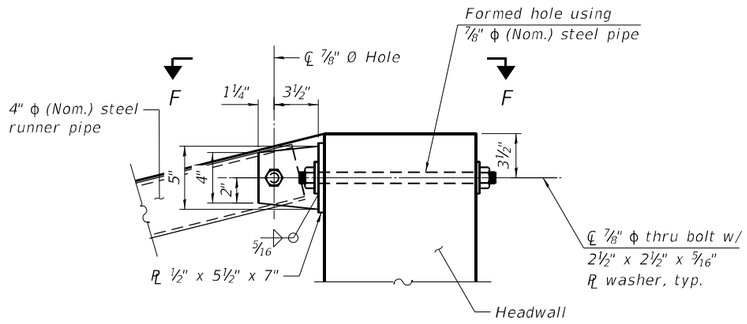
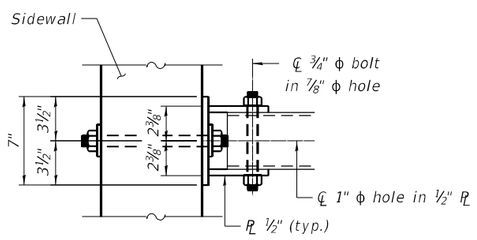


VIEW D-D

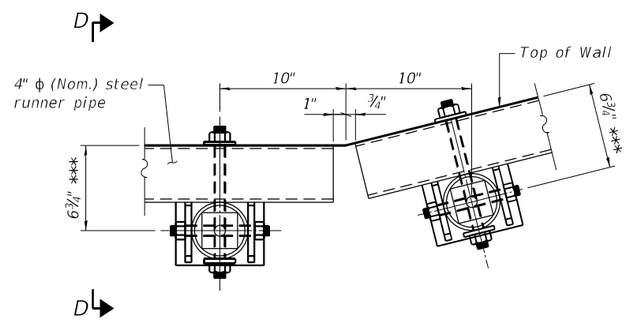
*** Measured perpendicular to top of wall. In addition, formed hole shall be located a minimum of 6" measured horizontally from any vertical joints necessary for construction of the drop box.



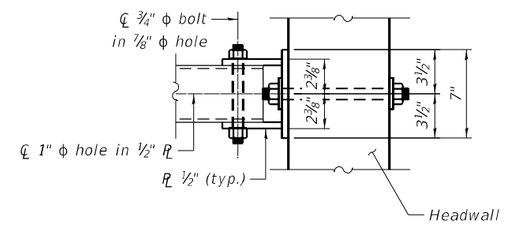
DETAIL A



VIEW E-E



DETAIL B



VIEW F-F

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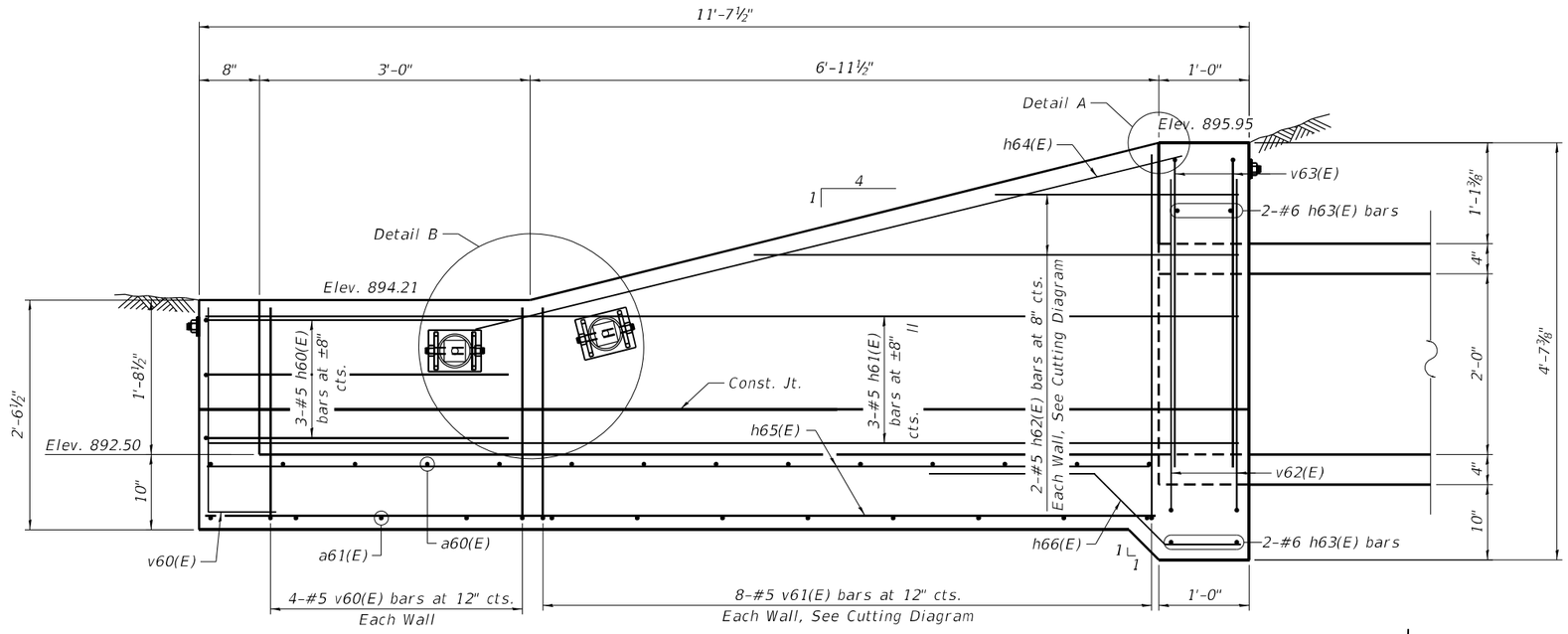
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

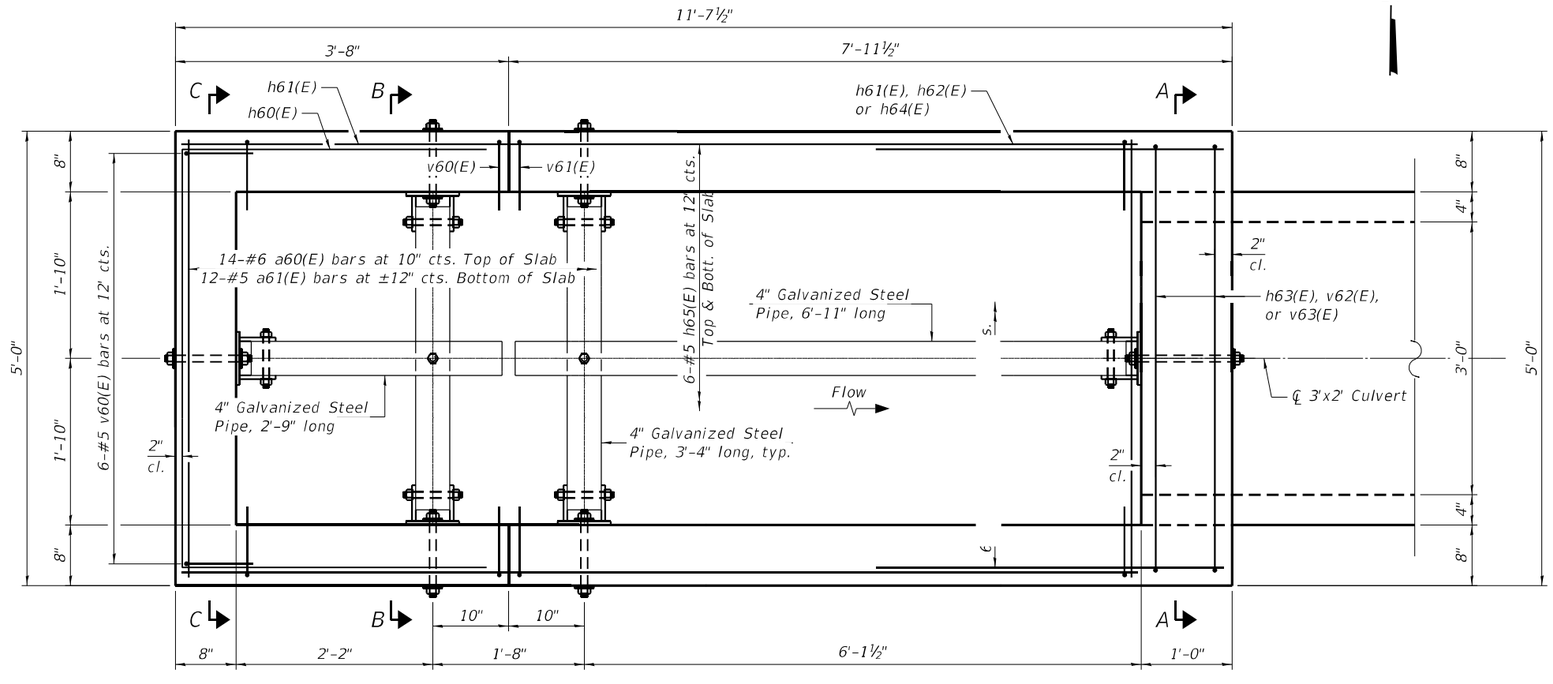
GRATING DETAILS
DROP BOX NO. 5 - STA. 580+00.00 LT
SHEET 3 OF 3 SHEETS

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22,107)R	STEPHENSON	277	159
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087



LONGITUDINAL SECTION



PLAN

N

GENERAL NOTES

1. Reinforcement bars designated (E) shall be epoxy coated.
2. All exposed concrete edges shall be chamfered ¾" unless otherwise noted.
3. All construction joints shall be bonded.
4. The contract unit price "Each" for Drop Box No. 6 shall include the cost of Concrete Structures, Reinforcement Bars, Epoxy Coated, Structure or Earth Excavation where required, backfilling and necessary grading to construct the structure as shown.
5. The contract unit price "Foot" for Traversable Pipe Grate for Concrete End Section shall include the steel pipe grate system, steel plates, bolts, nuts, and washers.
6. Steel pipes shall conform to A.S.T.M. A-53 (Type E or S) Grade B Schedule 40 & shall be galvanized conforming to A.S.T.M. A-120.
7. Steel plates shall conform to AASHTO M-183 & shall be galvanized conforming to AASHTO M-111.
8. Bolts, nuts, & washers shall be in accordance with Article 1006.08 of the Standard Specifications and shall be galvanized.
9. Contractor shall field verify galvanized pipe length.
10. The minimum distance from the center of a hole to the free edge of a structured shape or plate shall be 1½" unless noted otherwise.
11. Bolts shall be snug tightened by a few impacts of an impact wrench or the full force of a worker using an ordinary spud wrench.
12. This work shall be done according to the applicable portions of 502, 503, 505, 508, and 540 of the Standard Specifications.
13. Fabrication of the Steel Pipe Grate System shall conform to the requirements in Section 505 of the Standard Specifications unless noted otherwise.
14. Contractor to confirm that a minimum allowable gross bearing pressure equal to 2000 PSF can be achieved prior to construction of Drop Box structure.
15. Backfilling and future excavations shall be performed equally on all sides of the structure.
16. The inorganic zinc rich primer/acrylic/acrylic paint system shall be used for field painting of holes, threads, etc.
17. See sheets 2 and 3 of 3 for Section A-A, B-B, and C-C and Details A and B.

MINIMUM BAR LAP

#5 Bar = 3'-7"

DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications, 9th Edition

DESIGN STRESSES

FIELD UNITS

f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)

KEITH W. BENTING
STATE OF ILLINOIS
4777
DECATUR, ILLINOIS
LICENSED STRUCTURAL ENGINEER

Keith W. Benting 3/14/2025

Keith W. Benting, Illinois S.E. 081-004777 Date
Expires 11/30/2026

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Traversable Pipe Grate for Concrete End Section	Foot	16.5
Drop Box No. 6	Each	1

GENERAL PLAN AND ELEVATION
IL 73 OVER DITCH
F.A.P. 301, F.A.P. 654, F.A.S. 1087
SECTION (22,107)R
STEPHENSON COUNTY
STRUCTURE NO. 089-1140

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
DROP BOX NO. 6 - STA. 590+37.00 LT (S.N. 089-1140)
SHEET 1 OF 3 SHEETS

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22,107)R	STEPHENSON	277	160
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087

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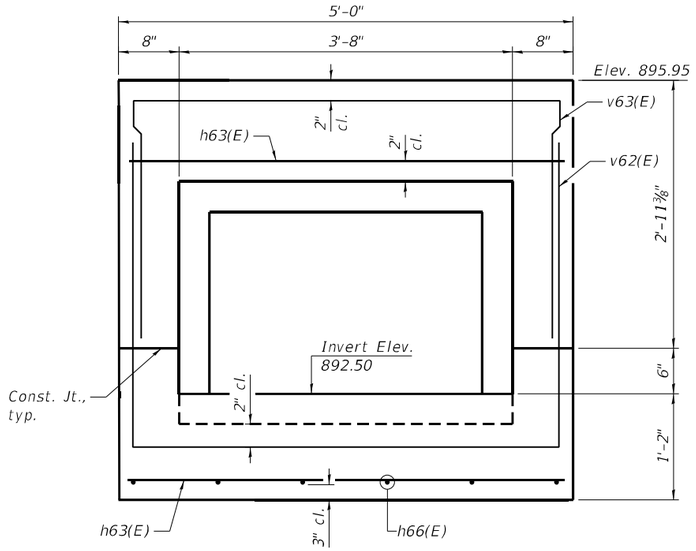
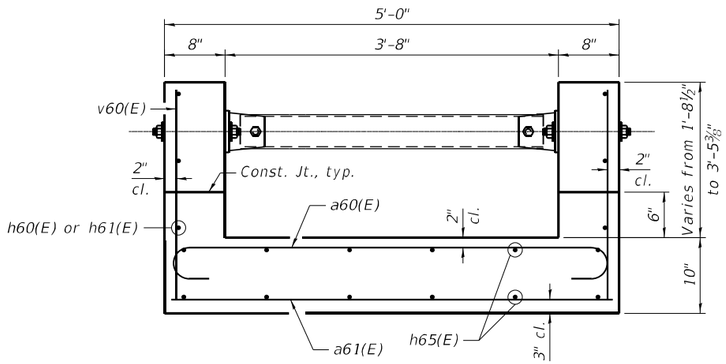
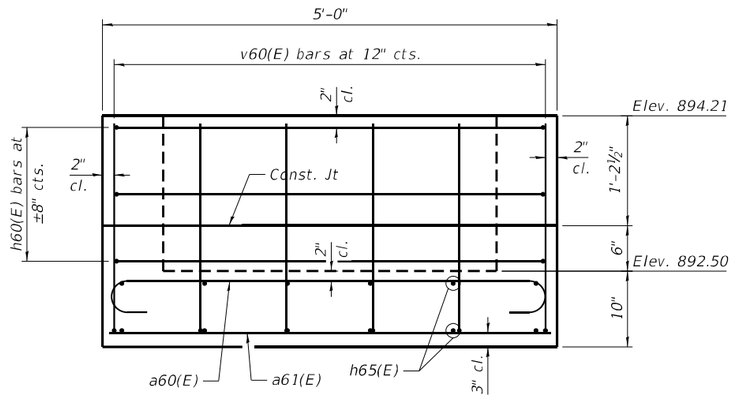


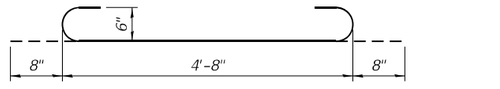
SECTION A-A



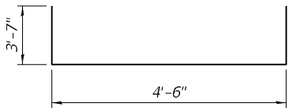
SECTION B-B



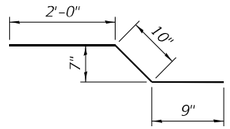
SECTION C-C



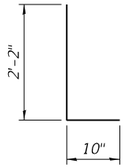
BAR a60(E)



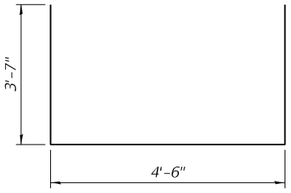
BAR h60(E)



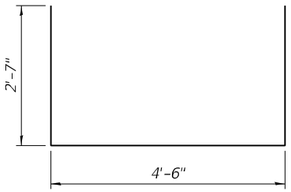
BAR h66(E)



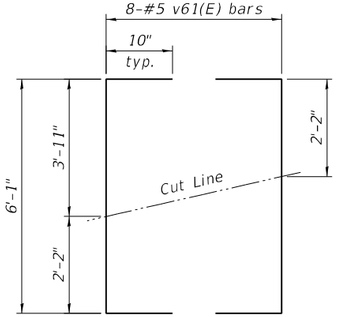
BAR v60(E)



BAR v62(E)

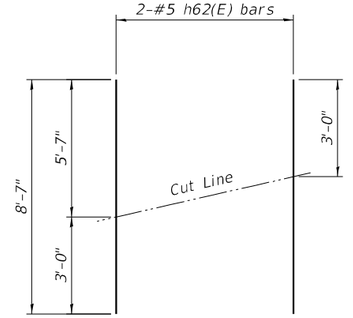


BAR v63(E)



BAR v61(E) FIELD CUTTING DIAGRAM

Order v61(E) bars full length. Cut as shown and use remainder of bars in opposite wall.



BAR h62(E) FIELD CUTTING DIAGRAM

Order h62(E) bars full length. Cut as shown and use remainder of bars in opposite face of wall.

BILL OF MATERIAL

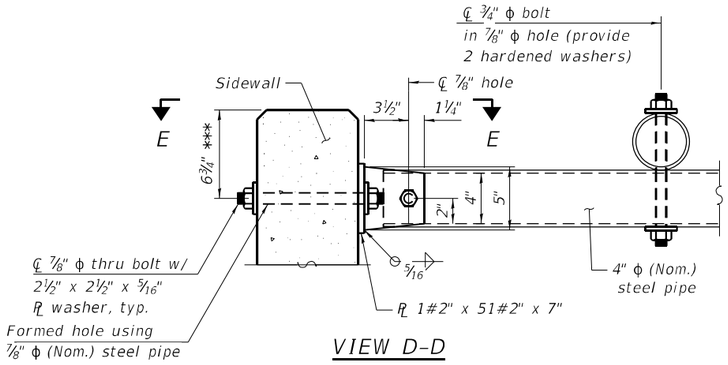
(For Information Only)

Bar	No.	Size	Length	Shape
a60(E)	14	#6	6'-0"	
a61(E)	12	#5	4'-8"	
h60(E)	3	#5	11'-8"	
h61(E)	6	#5	11'-3"	
h62(E)	2	#5	8'-7"	
h63(E)	4	#6	4'-8"	
h64(E)	2	#5	8'-0"	
h65(E)	12	#5	10'-3"	
h66(E)	6	#5	3'-7"	
v60(E)	14	#5	3'-0"	
v61(E)	8	#5	7'-9"	
v62(E)	2	#5	11'-8"	
v63(E)	2	#5	9'-8"	

	Item		Unit	Total
*	Concrete Structures		Cu. Yd.	3.5
*	Reinforcement Bars, Epoxy Coated		Pound	660
**	4" Galv. Steel Pipe	1 ◎	Foot	2'-9"
		2 ◎		3'-4"
		1 ◎		6'-11"
**	Side Assembly		Each	6

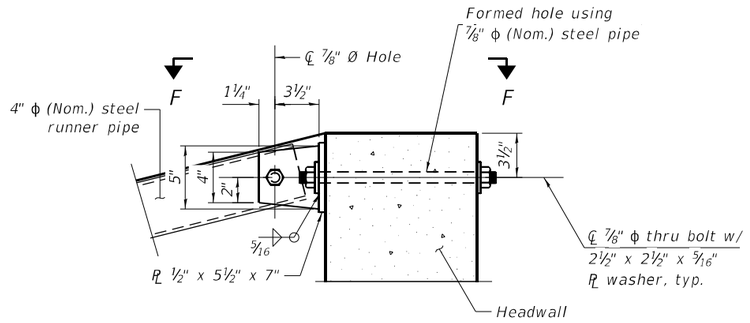
* Included in Drop Box No. 6

** Included in Traversable Pipe Grate for Concrete End Section

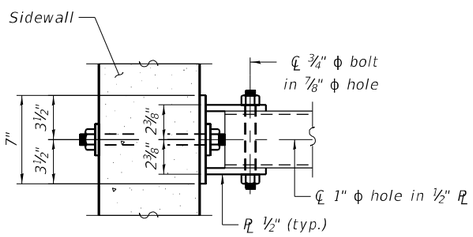


VIEW D-D

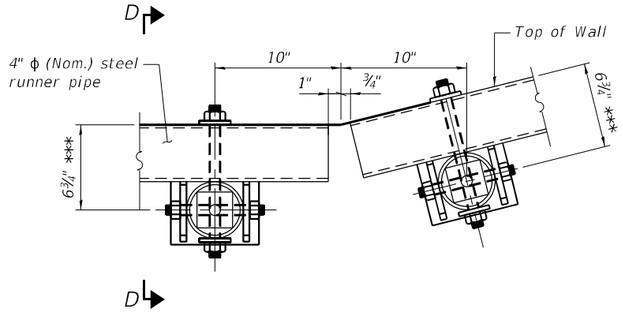
*** Measured perpendicular to top of wall. In addition, formed hole shall be located a minimum of 6" measured horizontally from any vertical joints necessary for construction of the drop box.



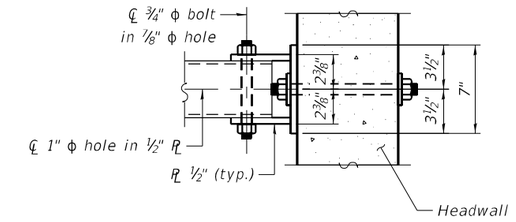
DETAIL A



VIEW E-E



DETAIL B



VIEW F-F

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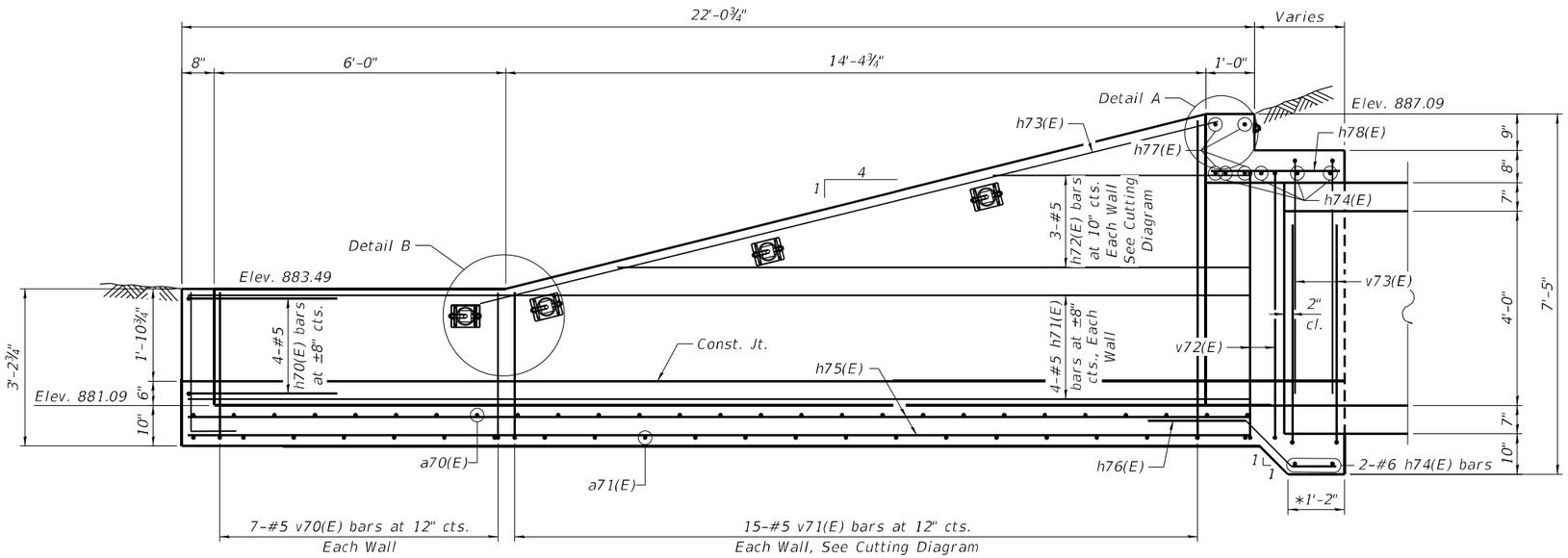
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GRATING DETAILS
DROP BOX NO. 6 - STA. 590+37.00 LT (S.N. 089-1140)
SHEET 3 OF 3 SHEETS

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22,107)R	STEPHENSON	277	162
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087

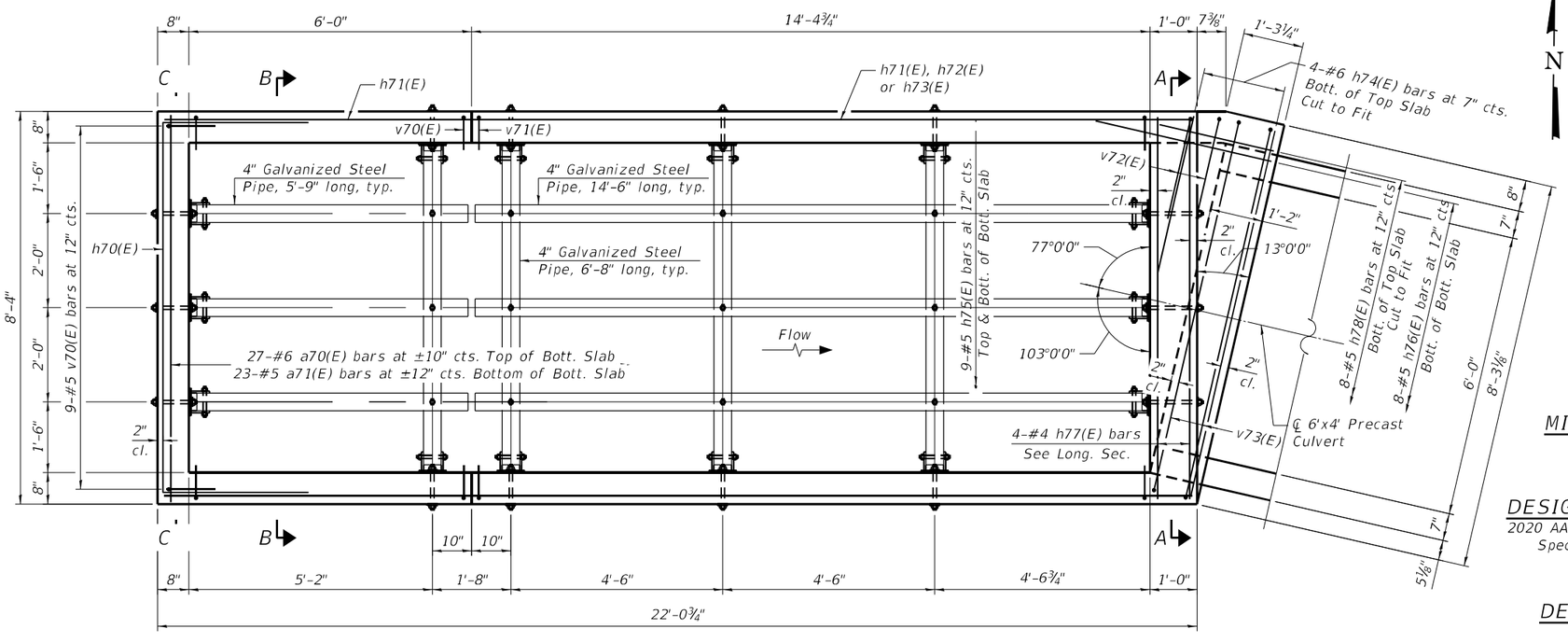


LONGITUDINAL SECTION

* Measured along ℄ of Culvert

GENERAL NOTES

1. Reinforcement bars designated (E) shall be epoxy coated.
2. All exposed concrete edges shall be chamfered ¾" unless otherwise noted.
3. All construction joints shall be bonded.
4. The contract unit price "Each" for Drop Box No. 7 shall include the cost of Concrete Structures, Reinforcement Bars, Epoxy Coated, Structure or Earth Excavation where required, backfilling and necessary grading to construct the structure as shown.
5. The contract unit price "Foot" for Traversable Pipe Grate for Concrete End Section shall include the steel pipe grate system, steel plates, bolts, nuts, and washers.
6. Steel pipes shall conform to A.S.T.M. A-53 (Type E or S) Grade B Schedule 40 & shall be galvanized conforming to A.S.T.M. A-120.
7. Steel plates shall conform to AASHTO M-183 & shall be galvanized conforming to AASHTO M-111.
8. Bolts, nuts, & washers shall be in accordance with Article 1006.08 of the Standard Specifications and shall be galvanized.
9. Contractor shall field verify galvanized pipe length.
10. The minimum distance from the center of a hole to the free edge of a structured shape or plate shall be 1½" unless noted otherwise.
11. Bolts shall be snug tightened by a few impacts of an impact wrench or the full force of a worker using an ordinary spud wrench.
12. This work shall be done according to the applicable portions of 502, 503, 505, 508, and 540 of the Standard Specifications.
13. Fabrication of the Steel Pipe Grate System shall conform to the requirements in Section 505 of the Standard Specifications unless noted otherwise.
14. Contractor to confirm that a minimum allowable gross bearing pressure equal to 2000 PSF can be achieved prior to construction of Drop Box structure.
15. Backfilling and future excavations shall be performed equally on all sides of the structure.
16. The inorganic zinc rich primer/acrylic/acrylic paint system shall be used for field painting of holes, threads, etc.
17. See sheets 2 and 3 of 3 for Section A-A, B-B, and C-C and Details A and B.



PLAN

N

KEITH W. BENTING
STATE OF ILLINOIS
4777
DECATUR, ILLINOIS
LICENSED STRUCTURAL ENGINEER

Keith W. Benting — 3/14/2025

Keith W. Benting, Illinois S.E. 081-004777 — Date
Expires 11/30/2026

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Traversable Pipe Grate for Concrete End Section	Foot	87.5
Drop Box No. 7	Each	1

MINIMUM BAR LAP

#5 Bar = 3'-7"

DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications, 9th Edition

DESIGN STRESSES

FIELD UNITS

f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)

GENERAL PLAN AND ELEVATION
IL 73 OVER DITCH
F.A.P. 301, F.A.P. 654, F.A.S. 1087
SECTION (22,107)R
STEPHENSON COUNTY
STRUCTURE NO. 089-1141

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QUIGG ENGINEERING INC

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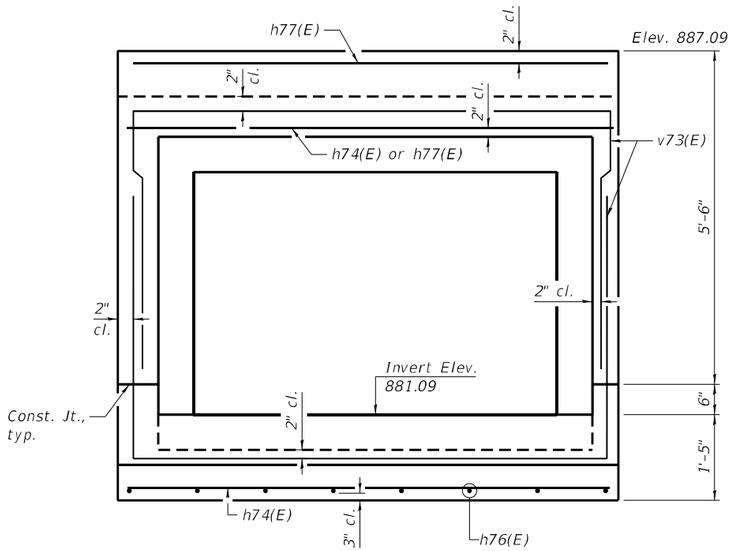
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

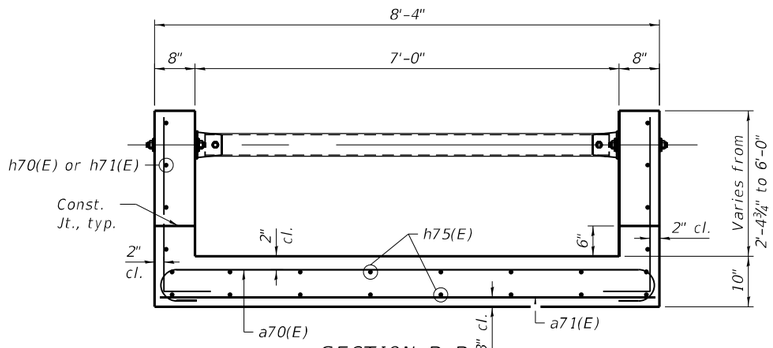
GENERAL PLAN AND ELEVATION
DROP BOX NO. 7 - STA. 595+92.70 LT (S.N. 089-1141)
SHEET 1 OF 3 SHEETS

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22,107)R	STEPHENSON	277	163
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

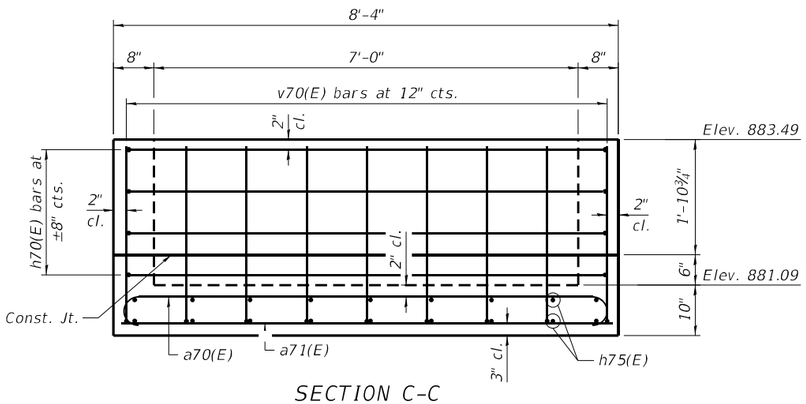
* FAP 301, FAP 654, FAS 1087



SECTION A-A



SECTION B-B



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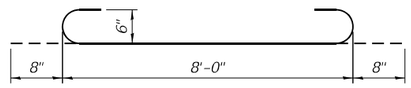
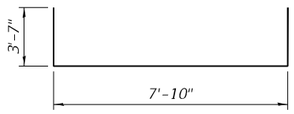
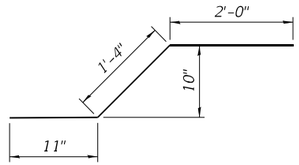


BAR a70(E)

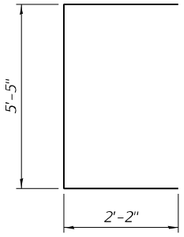


BAR h70(E)

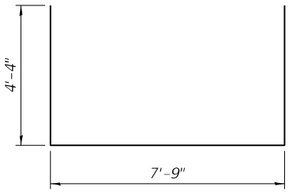


BAR h76(E)

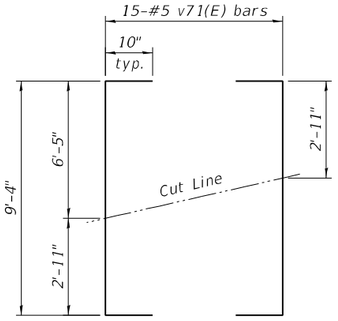
BAR v70(E)



BAR v72(E)

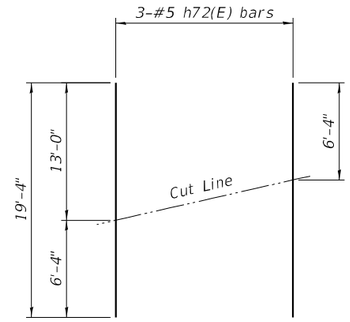


BAR v73(E)



BAR v71(E) FIELD CUTTING DIAGRAM

Order v71(E) bars full length. Cut as shown and use remainder of bars in opposite wall.



BAR h72(E) FIELD CUTTING DIAGRAM

Order h72(E) bars full length. Cut as shown and use remainder of bars in opposite wall.

BILL OF MATERIAL

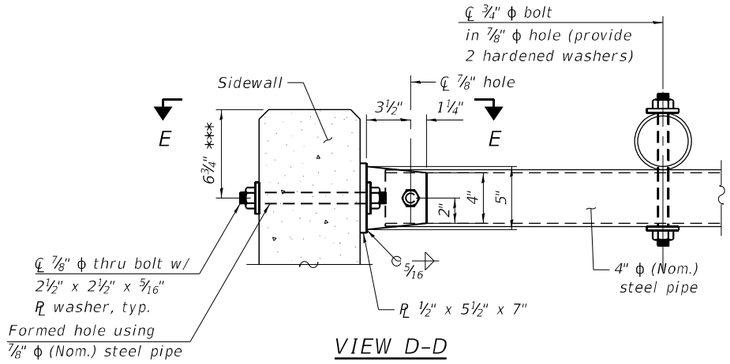
(For Information Only)

Bar	No.	Size	Length	Shape
a70(E)	27	#6	9'-4"	
a71(E)	23	#5	8'-0"	
h70(E)	4	#5	15'-0"	
h71(E)	8	#5	21'-8"	
h72(E)	3	#5	19'-4"	
h73(E)	2	#5	15'-6"	
h74(E)	6	#6	7'-11"	
h75(E)	18	#5	21'-8"	
h76(E)	8	#5	4'-3"	
h77(E)	4	#6	8'-0"	
h78(E)	8	#5	2'-8"	
v70(E)	23	#5	3'-8"	
v71(E)	15	#5	11'-0"	
v72(E)	2	#5	9'-9"	
v73(E)	4	#5	16'-5"	

	Item		Unit	Total
*	Concrete Structures		Cu. Yd.	11.2
*	Reinforcement Bars, Epoxy Coated		Pound	1840
**	4" Galv. Steel Pipe	3 ◎	Foot	5'-9"
		4 ◎		6'-8"
		3 ◎		14'-6"
**	Side Assembly		Each	14

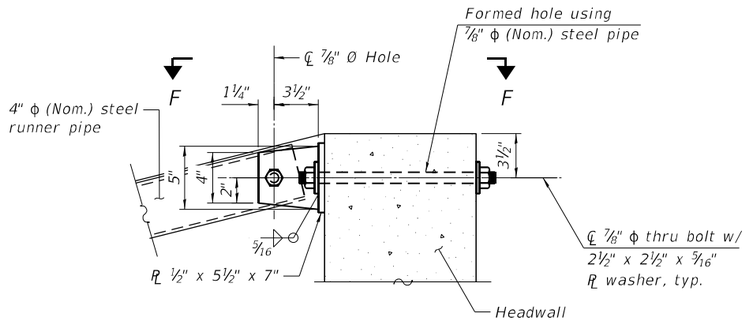
* Included in Drop Box No. 7

** Included in Traversable Pipe Grate for Concrete End Section

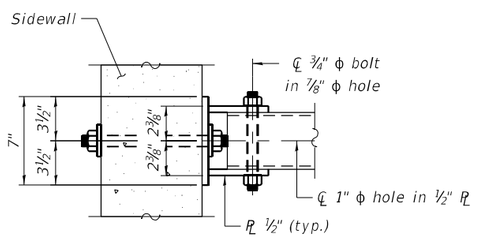


VIEW D-D

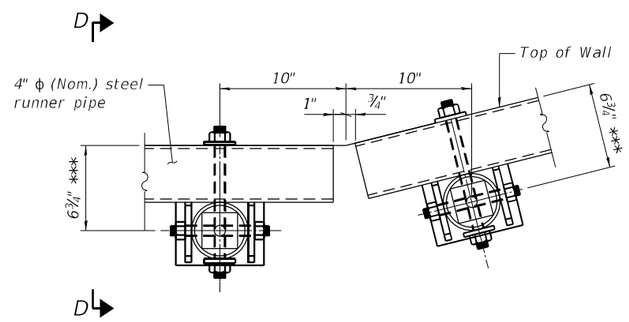
*** Measured perpendicular to top of wall. In addition, formed hole shall be located a minimum of 6" measured horizontally from any vertical joints necessary for construction of the drop box.



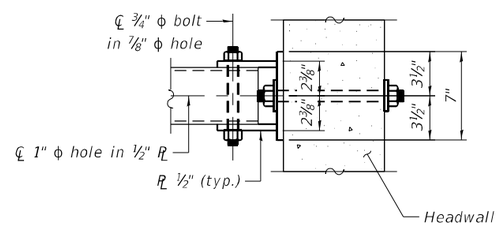
DETAIL A



VIEW E-E



DETAIL B



VIEW F-F

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9/30/2025 2:22:06 PM

QUIGG ENGINEERING INC

USER NAME = SMaxwell	DESIGNED - KFO	REVISED -		
64L27-018-Dropbox 7 Grating Details.dgn	CHECKED - KWB	REVISED -		
PLOT SCALE = 0:2.0000 ':" / in.	DRAWN - KFO	REVISED -		
PLOT DATE =	CHECKED - RPW	REVISED -		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GRATING DETAILS
DROP BOX NO. 7 - STA. 595+92.70 LT (S.N. 089-1141)
SHEET 3 OF 3 SHEETS

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22,107)R	STEPHENSON	277	165
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1

Date 7/11/13

ROUTE FAP 301 DESCRIPTION P92-081-09 Culvert on US 20, 3 m. W. of IL 73 LOGGED BY W. Garza

SECTION (21,22,23) T-4, 107T-2 LOCATION Kent Twp. - 5SE, SEC., TWP. 27N, RNG. 6E

COUNTY Stephenson DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO.
Station 242+51

BORING NO. B-1c
Station 242+88
Offset 14.00ft Lt CL
Ground Surface Elev. 100.3 ft

Surface Water Elev. ft
Stream Bed Elev. 94.0 ft

Groundwater Elev.:
First Encounter 80.8 ft ▼
Upon Completion 80.8 ft ▽
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
SOFT brown SILTY CLAY LOAM		0.3 P	19	VERY DENSE tan weathered LIMESTONE *(continued)* 79.30	100/3"		
98.30				End of Boring			
MEDIUM brown SILTY LOAM	1 1 3	0.7 P	25				
96.80							
-5 STIFF dark gray SILTY LOAM	2 2 3	1.3 S	27	-25			
94.30							
MEDIUM tan/light gray SILTY CLAY LOAM	1 2 5	0.9 B	27				
91.80							
-10 STIFF light gray SILTY CLAY LOAM TILL	2 3 7	1.7 B	21	-30			
89.30							
SOFT tan LOAM with LIMESTONE fragments	2 2 6	0.3 B	27				
86.80							
-15 SOFT tan LOAM TILL	1 2 2	0.3 B	25	-35			
83.80							
LOOSE tan weathered LIMESTONE	2 4 5						
81.80							
-20	21			-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1

Date 7/11/13

ROUTE FAP 301 DESCRIPTION P92-081-09 Culvert on US 20, 3 m. W. of IL 73 LOGGED BY W. Garza

SECTION (21,22,23) T-4, 107T-2 LOCATION Kent Twp. - 5SE, SEC., TWP. 27N, RNG. 6E

COUNTY Stephenson DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO.
Station 242+51

BORING NO. B-2c
Station 242+30
Offset 14.00ft Rt CL
Ground Surface Elev. 99.6 ft

Surface Water Elev. ft
Stream Bed Elev. 94.0 ft

Groundwater Elev.:
First Encounter 85.1 ft ▼
Upon Completion 85.6 ft ▽
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
SOFT dark gray SILTY CLAY LOAM		0.3 P	21	VERY STIFF tan CLAY LOAM TILL *(continued)* 78.60	4 11	2.9 B	15
97.60							
MEDIUM black SILTY LOAM	1 1 3	0.8 P	34	VERY STIFF gray CLAY LOAM TILL	5 19 18	2.7 B	17
96.10				76.10			
-5 MEDIUM gray SILTY CLAY LOAM	0 2 3	0.6 P	31	-25 VERY STIFF gray SILTY CLAY	5 7 10	2.1 P	22
93.60				73.10			
VERY STIFF dark gray CLAY LOAM	2 3 5	2.8 P	26	MEDIUM tan weathered LIMESTONE with CLAY lens	5 8 13		19
91.10				71.10			
-10 STIFF dark gray SILTY CLAY LOAM	3 3 5	1.3 B	29	-30 MEDIUM tan LOAM with LIMESTONE fragments	4 4 8	0.8 P	22
88.60				68.60			
STIFF tan/light gray SILTY CLAY LOAM	2 3 5	1.2 B	23	VERY STIFF brown CLAY LOAM TILL	4 5 6	2.1 P	25
85.60 ▼				65.60			
-15 VERY STIFF tan CLAY LOAM TILL	2 3 5	2.1 B	22	-35 VERY DENSE tan weathered LIMESTONE	22 100/8"		
83.60				63.60			
VERY STIFF tan CLAY LOAM with LIMESTONE	5 8 11	2.9 P	15	End of Boring			
81.10							
-20	3			-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

The Upchurch Group
architects engineers surveyors
Professional Design Firm Corporation License No. 184-003401
123 North 15th Street Mattoon, IL 61938 Phone: 217.235.3177
e-mail: upchurchgroup@upchurchgroup.com

USER NAME = Sta42	DESIGNED - SJF	REVISED -	
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
SOIL BORINGS

SCALE: N.T.S. in. | SHEET 1 OF 6 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	166
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

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Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1

Date 6/4/13

ROUTE FAP 301 DESCRIPTION P92-081-09 US 20 proposed culvert, .1 m. E. of IL 73 LOGGED BY W. Garza

SECTION (21,22,23) T-4, 107T-2 LOCATION Kent Twp. - 4SW, SEC. , TWP. 27N, RNG. 6E

COUNTY Stephenson DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO.
Station 263+70

BORING NO. B-1f
Station 263+78
Offset 9.00ft Rt CL
Ground Surface Elev. 100.2 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 68.2 ft ▼
Upon Completion 68.2 ft ▽
After Hrs. ft

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
-89.826089 42.356941 24" Asphalt				
	98.20			
VERY STIFF gray SILTY CLAY LOAM		5 6	2.8	21
	96.70	8	P	
STIFF light brown SILTY CLAY LOAM	-5	4 3	1.6	21
	94.20	5	P	
STIFF gray SILTY CLAY LOAM		1 2	1.8	27
	91.70	4	P	
STIFF gray SILTY CLAY LOAM	-10	1 2	1.7	25
	89.20	4	B	
MEDIUM dark gray SILTY LOAM with LIMESTONE fragments		2 6	0.5	33
	86.70	7	B	
STIFF gray SILTY CLAY LOAM TILL with SAND lens	-15	1 3	1.2	18
	84.20	5	B	
STIFF gray SILTY CLAY		4 5	1.8	24
	81.70	5	P	
No Recovery	-20	0		
No Recovery *(continued)*		2		
	79.20	3		
STIFF gray SILTY CLAY		1 2	1.1	28
	76.70	4	B	
MEDIUM gray SILTY LOAM	-25	1 2	0.7	27
	74.20	3	B	
VERY STIFF gray CLAY LOAM		2 5	2.1	29
	71.70	7	B	
SOFT gray SILTY LOAM	-30	2 3	0.3	31
	69.20	5	P	
VERY DENSE light gray LIMESTONE		100/2.5"		
	66.70			
End of Boring				
	-35			
	-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1

Date 6/5/13

ROUTE FAP 301 DESCRIPTION P92-081-09 US 20 proposed culvert, .1 m. E. of IL 73 LOGGED BY W. Garza

SECTION (21,22,23) T-4, 107T-2 LOCATION Kent Twp. - 4SW, SEC. , TWP. 27N, RNG. 6E

COUNTY Stephenson DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO.
Station 263+70

BORING NO. B-2f
Station 263+39
Offset 12.00ft Lt CL
Ground Surface Elev. 98.9 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 84.4 ft ▼
Upon Completion 86.9 ft ▽
After Hrs. ft

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
-89.825855 42.356872 24" Asphalt				
	96.90			
MEDIUM light brown SILTY CLAY LOAM		2 2	0.6	
	95.40	4	P	
MEDIUM/STIFF light brown SILTY CLAY LOAM	-5	2 1	1.0	25
	92.90	3	P	
MEDIUM black SILTY LOAM with 59% ORGANICS		1 4	0.5	136
	90.40	4	P	
SOFT brown SILTY LOAM with 45% ORGANICS	-10	1 2	0.4	205
	87.90	2	S	
VERY SOFT black SILTY LOAM with 29% ORGANICS	▽	4 5	0.2	79
	85.40	4	P	
STIFF gray SILTY CLAY	-15	1 2	1.3	26
	82.40	5	B	
VERY DENSE tan weathered LIMESTONE		67 100/3"		
Auger Refusal at 18.5'	80.40			
End of Boring	-20			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

MODEL: Default
FILE NAME: P:\Civil\ IDOT DIST\IDOT 2 PTB 182-11 US 20 at IL 73 Lena 3117091\CAD Sheets\D2764_27-sht-bbg_US20.dgn

The Upchurch Group
architects engineers surveyors
Professional Design Firm Corporation License No. 184-003401
123 North 15th Street Mattoon, IL 61938 Phone: 217.235.3177
e-mail: upchurchgroup@upchurchgroup.com

USER NAME = Sta42	DESIGNED - SJF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	U.S. ROUTE 20 SOIL BORINGS	
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -			
PLOT SCALE = 2.0000 ' / in.	CHECKED - SJF	REVISED -		SCALE: N.T.S. / in. SHEET 2 OF 6 SHEETS STA. TO STA.	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -			

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	167
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 2

Date 6/4/13

ROUTE FAP 301 DESCRIPTION P92-081-09 US 20 proposed culvert, .5 m. E. of IL 73 LOGGED BY W. Garza

SECTION (21,22,23) T-4, 107T-2 LOCATION Kent Twp. - 4S1/2, SEC. , TWP. 27N, RNG. 6E

COUNTY Stephenson DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO.
Station 286+44

BORING NO. B-1g
Station 286+28
Offset 9.00ft Rt CL
Ground Surface Elev. 100.3 ft

Surface Water Elev. ft
Stream Bed Elev. 94.0 ft

Groundwater Elev.:
First Encounter 78.3 ft ▼
Upon Completion 64.8 ft ▽
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
-89.817673 42.356783 Asphalt				STIFF light gray SILTY LOAM with SAND lens *(continued)*	2 5	1.2 B	23
98.30				78.80			
STIFF light brown SILTY CLAY LOAM	1 2 4	1.0 P	26	VERY LOOSE tan dirty SAND	1 2 2		24
96.80				76.30			
STIFF light brown SILTY CLAY LOAM	3 3 4	1.6 B	20	VERY LOOSE tan fine SAND	0 0 2		
94.30				74.30			
MEDIUM brown SILT LOAM	2 2 3	0.6 B	36	VERY LOOSE tan fine SAND	0 1 2		
91.80				71.80			
MEDIUM light brown SILTY CLAY LOAM	1 2 4	0.8 B	29	VERY LOOSE tan medium SAND	1 1 2		
89.30				69.30			
STIFF light brown SILTY CLAY LOAM	1 2 3	1.0 P	31	MEDIUM tan weathered LIMESTONE	4 15 11		
86.80				66.30			
MEDIUM light brown SILTY CLAY LOAM	1 1 2	0.6 B	27	SOFT gray SILT ▽	0 2 3	0.4 P	30
84.30				63.80			
VERY STIFF tan CLAY LOAM	2 5 7	2.3 S	23	VERY DENSE tan weathered LIMESTONE	0 5 53		
81.80				61.80			
	1				100/1"		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1

Date 6/5/13

ROUTE FAP 301 DESCRIPTION P92-081-09 US 20 proposed culvert, .5 m. E. of IL 73 LOGGED BY W. Garza

SECTION (21,22,23) T-4, 107T-2 LOCATION Kent Twp. - 4S1/2, SEC. , TWP. 27N, RNG. 6E

COUNTY Stephenson DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO.
Station 286+44

BORING NO. B-2g
Station 286+62
Offset 24.00ft Lt CL
Ground Surface Elev. 97.5 ft

Surface Water Elev. ft
Stream Bed Elev. 94.0 ft

Groundwater Elev.:
First Encounter 78.0 ft ▼
Upon Completion 77.5 ft ▽
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
-89.817599 42.357055 VERY SOFT brown SILTY CLAY LOAM		0.2 P	29	VERY LOOSE tan dirty fine SAND *(continued)*	1 2		
95.50				76.00			
SOFT brown SILTY CLAY LOAM	2 2 3	0.3 P	27	VERY DENSE tan weathered LIMESTONE	100/6"		
94.00				74.00			
STIFF light brown SILTY CLAY LOAM	3 3 4	1.2 B	29	End of Boring			
91.50							
SOFT light brown SILTY CLAY LOAM	3 3 3	0.3 B	31				
89.00							
VERY SOFT tan SILTY LOAM	1 2 2	0.2 P	31				
86.50							
VERY STIFF tan SILTY CLAY LOAM	2 4 5	2.1 B	28				
84.00							
STIFF tan SANDY LOAM with SAND lens	1 4 5	1.0 B	21				
81.00							
VERY LOOSE tan fine moist SAND	1 1 3						
79.00							
VERY LOOSE tan dirty fine SAND ▽	0						

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

MODEL: Default
FILE NAME: P:\Civil\ IDOT DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Lena 3117091\C4D Sheets\D2641.27-sht-bbg US20.dgn

The Upchurch Group
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USER NAME = Sta42	DESIGNED - SJF	REVISED -	
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
SOIL BORINGS

SCALE: N.T.S. ' in. | SHEET 3 OF 6 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	168
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 1

Date 1/9/18

ROUTE FA 654 (IL 73) DESCRIPTION P92-044-16 IL 73, 120' S. of US 20 LOGGED BY W. Garza

SECTION (22, 107) R LOCATION Kent Twp. - NE 8 & NW 9, SEC. , TWP. 27N, RNG. 5-6E

COUNTY Stephenson DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45

STRUCT. NO.
Station 578+00

Latitude 42° 21' 20.16" Northing 2,072,288.5530
Longitude -89° 49' 41.43" Easting 2,388,072.3904

BORING NO. B-1a
Station 577+96
Offset 44.00ft Rt CL
Ground Surface Elev. 98.50 ft

Surface Water Elev. ft
Stream Bed Elev. 97.30 ft

Groundwater Elev.:
First Encounter None ft
Upon Completion Dry ft
After Hrs. ft

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
STIFF light brown SILTY CLAY LOAM	96.50		1.0 P	26.0
STIFF tan SILTY LOAM		5 4 6	1.0 B	25.0
	95.00			
STIFF tan SILTY CLAY LOAM	-5	4 5 6	1.4 B	21.0
	92.50			
VERY STIFF tan CLAY LOAM TILL		3 5 6	2.5 B	23.0
	89.50			
LOOSE tan weathered LIMESTONE	-10	2 3 4		
	87.50			
VERY DENSE tan weathered LIMESTONE		8 8 85		
	85.00			
End of Boring	-15			
	-20			

Northing and Easting were calculated using the IL HP-WF coordinate system

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 1

Date 1/9/18

ROUTE FA 654 (IL 73) DESCRIPTION P92-044-16 IL 73, 120' S. of US 20 LOGGED BY W. Garza

SECTION (22, 107) R LOCATION Kent Twp. - NE 8 & NW 9, SEC. , TWP. 27N, RNG. 5-6E

COUNTY Stephenson DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45

STRUCT. NO.
Station 578+00

Latitude 42° 21' 20.04" Northing 2,072,275.6199
Longitude -89° 49' 44.47" Easting 2,387,844.3175

BORING NO. B-2a
Station 577+91
Offset 36.00ft Lt CL
Ground Surface Elev. 99.30 ft

Surface Water Elev. ft
Stream Bed Elev. 97.30 ft

Groundwater Elev.:
First Encounter None ft
Upon Completion Dry ft
After Hrs. ft

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM light brown SILTY CLAY LOAM	97.30		0.6 P	24.0
MEDIUM light brown SILTY CLAY LOAM		2 3 5	0.9 B	26.0
	95.80			
VERY STIFF tan CLAY LOAM TILL	-5	3 4 7	2.0 B	22.0
	93.30			
STIFF tan CLAY LOAM with bottom 6" weathered LIMESTONE		2 5 5	1.6 B	31.0
	90.30			
VERY DENSE tan weathered LIMESTONE	89.30 -10	100/6"		
End of Boring	-15			
	-20			

Northing and Easting were calculated using the IL HP-WF coordinate system

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

MODEL: Default
FILE NAME: P:\Civil_IDOT_DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Lena 3117091\CAD Sheets\02684.27-sht-bbg-IL73.dgn

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USER NAME = Sta42	DESIGNED - SJF	REVISED -	
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 73
SOIL BORINGS

SCALE: N.T.S. ' in. | SHEET 4 OF 6 SHEETS | STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	169
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 1

Date 12/20/17

ROUTE FA 654 (IL 73) DESCRIPTION P92-044-16 IL 73, 160' N. of US 20 LOGGED BY W. Garza

SECTION (22, 107) R LOCATION Kent Twp. - SW 4 & SE 5, SEC. , TWP. 27N, RNG. 5-6E

COUNTY Stephenson DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45

STRUCT. NO. 089-1139
Station 580+87

Latitude 42° 21' 29.38" Northing 2,073,220.7557
Longitude -89° 49' 42.59" Easting 2,387,982.1889

BORING NO. B-1b
Station 581+13
Offset 19.00ft Rt CL
Ground Surface Elev. 100.00 ft

Surface Water Elev. Dry ft
Stream Bed Elev. 95.00 ft

Groundwater Elev.:
First Encounter 85.5 ft ▼
Upon Completion ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM dark brown LOAM		0.5 P	16.0	VERY DENSE tan weathered LIMESTONE *(continued)* 79.00	100/11"		
98.00	4 6 7	1.1 P	22.0	End of Boring			
STIFF light brown SILTY CLAY LOAM 96.50							
STIFF light brown SILTY LOAM -5 94.00	3 3 5	1.3 P	27.0	-25			
STIFF light brown SILTY CLAY LOAM 91.50	1 3 4	1.4 B	26.0				
SOFT light gray SILTY LOAM with 1.4% ORGANICS -10 89.00	1 3 4	0.4 B	34.0	-30			
SOFT light gray SILTY LOAM 86.00	1 2 4	0.4 B	27.0				
MEDIUM brown dirty SAND with GRAVEL -15 83.50	2 5 9			-35			
VERY SOFT tan SILT with fine SAND lens 81.00	1 1 2	0.2 P	29.0				
-20	4			-40			

Northing and Easting were calculated using the ILHP-MF coordinate system

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 1

Date 12/20/17

ROUTE FA 654 (IL 73) DESCRIPTION P92-044-16 IL 73, 160' N. of US 20 LOGGED BY W. Garza

SECTION (22, 107) R LOCATION Kent Twp. - SW 4 & SE 5, SEC. , TWP. 27N, RNG. 5-6E

COUNTY Stephenson DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45

STRUCT. NO. 089-1139
Station 580+87

Latitude 42° 21' 29.35" Northing 2,073,218.5606
Longitude -89° 49' 42.61" Easting 2,387,980.0354

BORING NO. B-2b
Station 580+68
Offset 24.00ft Lt CL
Ground Surface Elev. 98.10 ft

Surface Water Elev. Dry ft
Stream Bed Elev. 95.00 ft

Groundwater Elev.:
First Encounter 83.6 ft ▼
Upon Completion 74.1 ft ▽
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM brown SILTY CLAY LOAM		0.6 P	23.0	MEDIUM tan SILTY LOAM	2 3	0.5 B	25.0
96.10	1 3 3	0.8 B	28.0	H2O @ 22.0' *(continued)* 77.10			
MEDIUM light brown SILTY LOAM 94.60				MEDIUM tan SILTY LOAM	0 1 2	0.8 B	28.0
-5	2 2 3	0.3 B	35.0	74.10 ▽			
SOFT dark gray SILTY LOAM with 3.0% ORGANICS 92.10				-25 VERY DENSE tan weathered LIMESTONE	0 100/10"		
MEDIUM dark gray CLAY LOAM with 6.8% ORGANICS 89.60	0 2 4	0.8 B	37.0	72.10 End of Boring			
-10	3 4 4	1.6 B	26.0	-30			
STIFF gray CLAY LOAM 86.60							
SOFT tan dirty SANDY GRAVEL 84.10	2 3 5	0.3 P	27.0				
-15	0 2 3	0.4 B	30.0	-35			
SOFT tan SILTY CLAY with 1.7% ORGANICS 82.10							
MEDIUM tan SILTY LOAM	0 0 2	0.6 B	29.0				
79.60							
-20	0			-40			

Northing and Easting were calculated using the ILHP-MF coordinate system

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

MODEL: Default
FILE NAME: P:\Civil_IDOT_DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Lena 3117091\CAD Sheets\02641.27-sht-bbg-IL73.dgn

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USER NAME = Sta42	DESIGNED - SJF	REVISED -	
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 73
SOIL BORINGS

SCALE: N.T.S. / in. | SHEET 5 OF 6 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	170
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 1

Date 12/19/17

ROUTE FA 654 (IL 73) DESCRIPTION P92-044-16 IL 73, .2 m. N. of US 20 LOGGED BY W. Garza

SECTION (22, 107) R LOCATION Kent Twp - SW 4 & SE 5, SEC. , TWP. 27N, RNG. 5-6E

COUNTY Stephenson DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45

STRUCT. NO. 089-1140
Station 590+37

Latitude 42° 21' 33.93" Longitude -89° 49' 44.17"
Northing 2,073,680.9081 Easting 2,387,861.4380

BORING NO. B-1c
Station 590+22.5
Offset 9.50ft Lt CL
Ground Surface Elev. 99.80 ft

Surface Water Elev. Dry ft
Stream Bed Elev. 95.00 ft

Groundwater Elev.:
First Encounter None ft
Upon Completion Dry ft
After ____ Hrs. ____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Northing and Easting were calculated using the ILHP-NF coordinate system
18" Asphalt STIFF gray SILTY LOAM		1.1 P	19.0	
97.80				
STIFF light brown SILTY CLAY LOAM	2 3 5	1.1 P	26.0	
96.30				
-5 STIFF brown/gray SILTY LOAM with CONCRETE fragments	6 6 5	1.4 P	29.0	
93.80				
STIFF light brown SILTY CLAY LOAM	2 3 5	1.5 B	26.0	
91.30				
-10 STIFF redish brown CLAY LOAM	3 4 6	1.7 B	21.0	
88.80				
STIFF tan CLAY LOAM	2 3 6	1.7 B	21.0	
86.30				
-15 MEDIUM tan SILTY CLAY LOAM	2 2 3	0.6 B	28.0	
83.30				
LOOSE tan weathered LIMESTONE	1 2 5		26.0	
81.30				
-20	100/1"			

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
VERY DENSE tan weathered LIMESTONE *(continued)*			
78.80			
End of Boring			
-25			
-30			
-35			
-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 1

Date 12/19/17

ROUTE FA 654 (IL 73) DESCRIPTION P92-044-16 IL 73, .2 m. N. of US 20 LOGGED BY W. Garza

SECTION (22, 107) R LOCATION Kent Twp - SW 4 & SE 5, SEC. , TWP. 27N, RNG. 5-6E

COUNTY Stephenson DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45

STRUCT. NO. 089-1140
Station 590+37

Latitude 42° 21' 35.18" Longitude -89° 49' 43.24"
Northing 2,073,807.6374 Easting 2,387,930.3942

BORING NO. B-2c
Station 590+63
Offset 14.50ft Rt CL
Ground Surface Elev. 99.50 ft

Surface Water Elev. Dry ft
Stream Bed Elev. 95.00 ft

Groundwater Elev.:
First Encounter None ft
Upon Completion Dry ft
After ____ Hrs. ____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Northing and Easting were calculated using the ILHP-NF coordinate system
21" Asphalt				
97.50				
MEDIUM brown SILTY LOAM	2 2 3	0.5 B	21.0	
96.00				
-5 STIFF light brown SILTY CLAY LOAM	3 3 5	1.8 B	24.0	
93.50				
MEDIUM light brown SILTY CLAY LOAM	0 1 3	0.5 B	31.0	
91.00				
-10 MEDIUM tan SILTY LOAM	1 2 3	0.6 B	30.0	
88.50				
SOFT tan SILT	1 2 3	0.4 B	27.0	
86.00				
-15 STIFF tan SILTY CLAY with LIMESTONE fragments	2 4 10	1.5 B	23.0	
83.00				
MEDIUM tan weathered LIMESTONE	1 8 18			
Auger Refusal @ 19'				
80.50				
End of Boring				
-20				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

MODEL: Default
FILE NAME: P:\Civil_IDOT_DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Lena 3117091\CAD Sheets\D2644127-sht-bbg IL73.dgn

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USER NAME = Sta42	DESIGNED - SJF	REVISED -	
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 73
SOIL BORINGS

SCALE: N.T.S. / in. | SHEET 6 OF 6 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	171
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 1

Date 2/22/18

ROUTE FA 654 (IL 73) DESCRIPTION P92-044-16 IL 73 Proposed Culvert/Bike Path LOGGED BY W. Garza

SECTION (22, 107) R LOCATION Kent Twp. - SW 4, SEC. , TWP. 27N, RNG. 5-6E

COUNTY Stephenson DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45

STRUCT. NO. _____
Station 1263+65

Latitude _____
Longitude _____

Northing _____
Easting _____

BORING NO. B-1e
Station 1263+95
Offset 5.00ft Rt Prop CL
Ground Surface Elev. 871.15 ft

Surface Water Elev. 868.95 ft
Stream Bed Elev. 867.95 ft

Groundwater Elev.:
First Encounter None ft
Upon Completion Dry ft
After ____ Hrs. _____ ft

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
	869.15			
	867.65			
MEDIUM light gray LOAM TILL	-5	5 3 5	0.6 B	16.0
	865.15			
VERY STIFF light gray CLAY LOAM TILL		4 6 7	2.3 B	15.0
	862.65			
VERY STIFF light gray SILTY CLAY	-10	3 6 7	2.9 B	22.0
	860.15			
MEDIUM/STIFF light gray SILTY CLAY		2 5 5	1.0 B	26.0
	857.65			
STIFF light gray SILTY CLAY	-15	2 3 5	1.6 B	25.0
	855.15			
MEDIUM light gray SILTY CLAY		2 2 4	0.7 B	28.0
	852.65			
STIFF light gray SILTY CLAY	-20	1		

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
STIFF light gray SILTY CLAY *(continued)*		2 4	1.2 B	28.0
	850.15			
STIFF light gray SILTY CLAY		1 2 4	1.2 B	29.0
	847.65			
STIFF light gray CLAY LOAM	-25	1 2 4	1.8 B	30.0
	845.15			
STIFF light gray CLAY LOAM with 3.5% ORGANICS		2 2 5	1.2 B	33.0
	842.65			
STIFF light gray CLAY LOAM with 3.8% ORGANICS	-30	1 3 5	1.7 B	34.0
	840.15			
End of Boring	-35			
	-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

MODEL: Default
FILE NAME: P:\Civil_IDOT_DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Lena_3117091\CAD Sheets\D2641L72-sht-bbg_TempBA.dgn

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USER NAME = Sta42	DESIGNED - SJF	REVISED -	
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY RUNAROUND
SOIL BORINGS

SCALE: N.T.S. ' in. | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	172
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 1

Date 12/21/17

ROUTE FA 654 (IL 73) DESCRIPTION P92-044-16 IL 73, Traffic Signal, NW quadrant LOGGED BY N. White

SECTION (22, 107) R LOCATION Kent Twp. - SE 5, SEC. , TWP. 27N, RNG. 5-6E

COUNTY Stephenson DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45

STRUCT. NO.
Station

Latitude 42° 21' 25.53" Northing 2,072,830.3631
Longitude -89° 49' 45.36" Easting 2,387,775.0837

BORING NO. B-1d
Station 579+70
Offset 56.00ft Lt CL
Ground Surface Elev. 100.70 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter Dry ft
Upon Completion Dry ft
After Hrs. ft

DEPTH (ft)		BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
STIFF brown SILTY CLAY LOAM			1.2 P	27.0
	98.70			
VERY STIFF frozen brown CLAY LOAM		10 17 34	3.0 B	21.0
	97.20			
VERY STIFF brown CLAY LOAM	-5	5 7 10	2.8 B	21.0
	94.70			
VERY STIFF brown CLAY LOAM		4 6 8	2.2 B	24.0
	92.20			
MEDIUM brown LOAM	-10	3 3 3	0.5 B	24.0
	89.70			
MEDIUM brown SILTY LOAM with weathered LIMESTONE		0 3 6	0.5	20.0
	86.70			
VERY DENSE tan weathered LIMESTONE	-15	6 18 40		
Auger Refusal @ 16.5'	84.20			
End of Boring				
	-20			

Northing and Easting were calculated using the ILHP-WF coordinate system

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 1

Date 12/21/17

ROUTE FA 654 (IL 73) DESCRIPTION P92-044-16 IL 73, Traffic Signal, SE quadrant LOGGED BY N. White

SECTION (22, 107) R LOCATION Kent Twp. - SE 5, SEC. , TWP. 27N, RNG. 5-6E

COUNTY Stephenson DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45

STRUCT. NO.
Station

Latitude 42° 21' 21.32" Northing 2,072,406.0095
Longitude -89° 49' 39.84" Easting 2,388,191.9305

BORING NO. B-2d
Station 578+36
Offset 89.00ft Rt CL
Ground Surface Elev. 97.40 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 86.4 ft ▼
Upon Completion 77.4 ft ▽
After Hrs. ft

DEPTH (ft)		BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM brown SILTY CLAY LOAM			0.7 B	21.0
	95.40			
STIFF brown SILTY CLAY LOAM		3 4 6	1.7 S	22.0
	93.90			
STIFF gray CLAY LOAM	-5	3 4 6	1.4 B	23.0
	91.40			
STIFF gray CLAY LOAM TILL		2 3 6	1.0 B	19.0
	88.90			
MEDIUM brown SILTY CLAY LOAM with SAND lens	-10	2 1 3	0.5 B	25.0
	85.90			
LOOSE medium-coarse tan dirty SAND		1 3 4		
	83.90			
DENSE tan weathered LIMESTONE	-15	8 14 18		
	81.40			
VERY DENSE tan weathered LIMESTONE		38 37 48		
	78.90			
VERY DENSE tan LIMESTONE	▽ -20	100/6"		

DEPTH (ft)		BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
VERY DENSE tan LIMESTONE *(continued)*	76.40			
End of Boring				
	-25			
	-30			
	-35			
	-40			

Northing and Easting were calculated using the ILHP-WF coordinate system

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

MODEL: Default
FILE NAME: P:\Civil_IDOT DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Lena_3117091\CAD Sheets\03641L27-sht-bbg_TrafficSignalLocation

The Upchurch Group
architects engineers surveyors
Professional Design Firm Corporation License No. 184-003401
123 North 15th Street Mattoon, IL 61938
Phone: 217.235.3177
email: upchurchgroup@upchurchgroup.com

USER NAME = Sta42	DESIGNED - SJF	REVISED -	
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

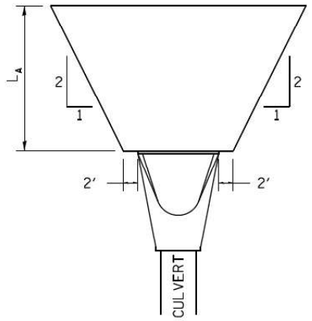
TRAFFIC SIGNALS
SOIL BORINGS

SCALE: N.T.S. in. | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	173
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

RIPRAP AT END SECTIONS

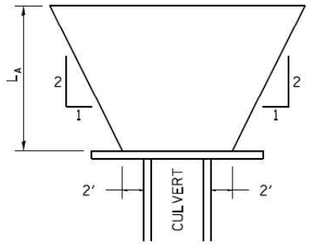


FLARED END SECTION

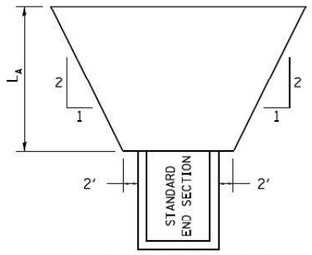
L_A = APRON LENGTH (ft)

IF THE CULVERT OUTLETS INTO A DEFINED CHANNEL, RIPRAP BANK TO BANK FOR LENGTH (L_A).

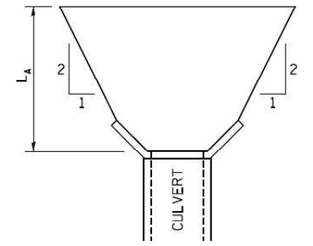
STANDARD END SECTION:
542001 (PIPE), 542011 (ELLIPTICAL)
DISTRICT STANDARD 10.1 (BOX).



CULVERT WITH HEADWALL



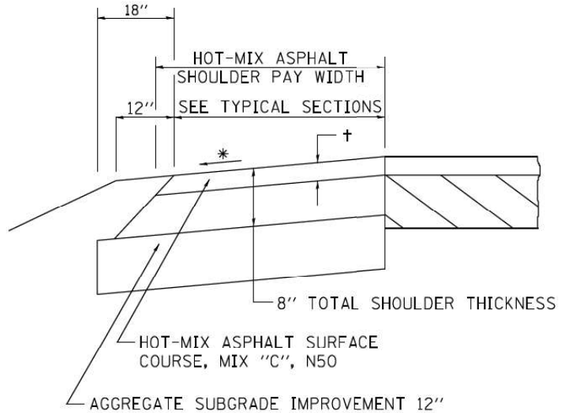
STANDARD END SECTION



CULVERT WITH WING WALLS

RIPRAP AT END SECTIONS 19.4

HOT–MIX ASPHALT SHOULDER



† = SEE TYPICAL SECTIONS FOR THICKNESS

GENERAL NOTES

THE HOT-MIX ASPHALT SHOULDER SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 482 EXCEPT THE TOP LIFT SHALL BE HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50.
THE WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 AND SQUARE YARD FOR HOT-MIX ASPHALT SHOULDERS OF THE THICKNESS SPECIFIED.

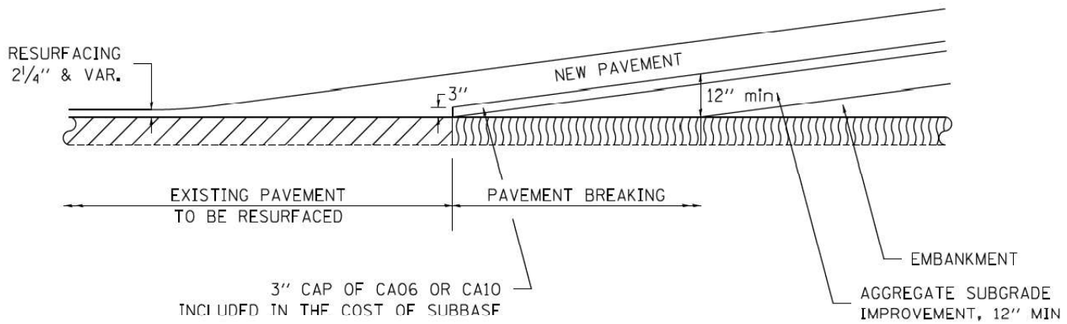
USE HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50. WHEN RESURFACING EXISTING HOT-MIX ASPHALT SHOULDERS. THE THICKNESS IS SHOWN ON THE TYPICAL SECTIONS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50.

REMOVAL OF MATERIAL FOR PLACEMENT OF THE HOT-MIX ASPHALT SHOULDER TO BE PAID FOR IN UNITS FOR EXCAVATING AND GRADING EXISTING SHOULDERS OR IN CUBIC YARDS FOR EARTH EXCAVATION OR EARTH EXCAVATION WIDENING.

* 4% WHEN MAINLINE IS ON TANGENT. FOR CROSS SLOPE ON SUPERELEVATION SECTION, SEE HIGHWAY STANDARD 482001 OR 482006.

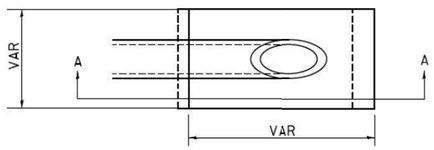
HOT–MIX ASPHALT SHOULDER 22.4

PAVEMENT BREAKING DETAIL



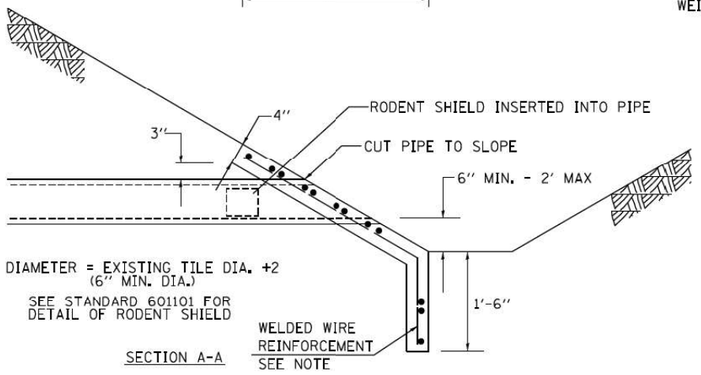
PAVEMENT BREAKING DETAIL 24.4

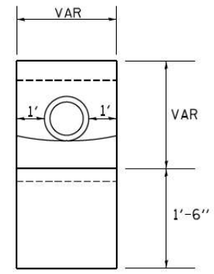
CAST–IN–PLACE REINFORCED CONCRETE END SECTIONS



NOTES

1. ANY STORM SEWER OR FIELD TILE OUTLET INTO A DITCH SHALL HAVE A HEADWALL BUILT IN ACCORDANCE WITH THIS DETAIL.
2. COST OF FURNISHING AND INSTALLING WELDED WIRE REINFORCEMENT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE EACH OF THE SIZE SPECIFIED. WELDED WIRE REINFORCEMENT TO WEIGH NOT LESS THAN 58 lbs/100 sq. ft.





CAST–IN–PLACE REINFORCED CONCRETE END SECTIONS 28.4

USER NAME = Sta42	DESIGNED - SJF	REVISED -
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 /DISTRICT 2 STANDARD

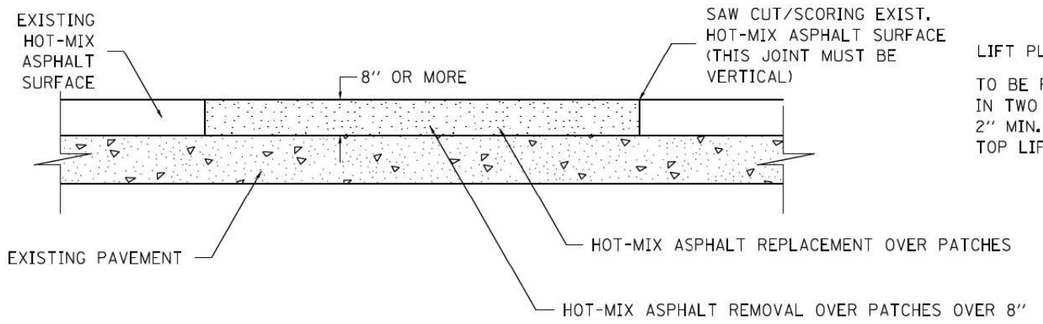
SCALE: N.T.S. / in. | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	174
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

MODEL: Default
FILE NAME: P:\Civil_IDOT_DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Lena 3117091\CAD Sheets\D264L27-sht-D2 Standards-Quarter_size.dgn

PAVEMENT PATCHING DETAIL



LIFT PLACEMENT:

TO BE PLACED IN TWO LIFTS WITH 2" MIN. COMPACTED TOP LIFT.

SEQUENCE OF CONSTRUCTION:

1. REMOVE THE EXISTING HOT-MIX ASPHALT SURFACE.
2. REPLACE HOT-MIX ASPHALT SURFACE.

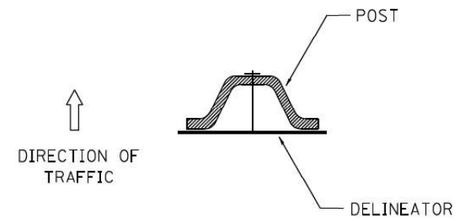
GENERAL NOTES:

1. FOR BASIS OF PAYMENT: SEE THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

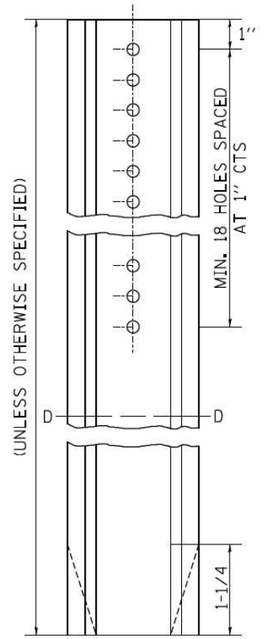
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

PAVEMENT PATCHING DETAIL 33.4

DELINEATOR AND POST ORIENTATION



SECTION D-D

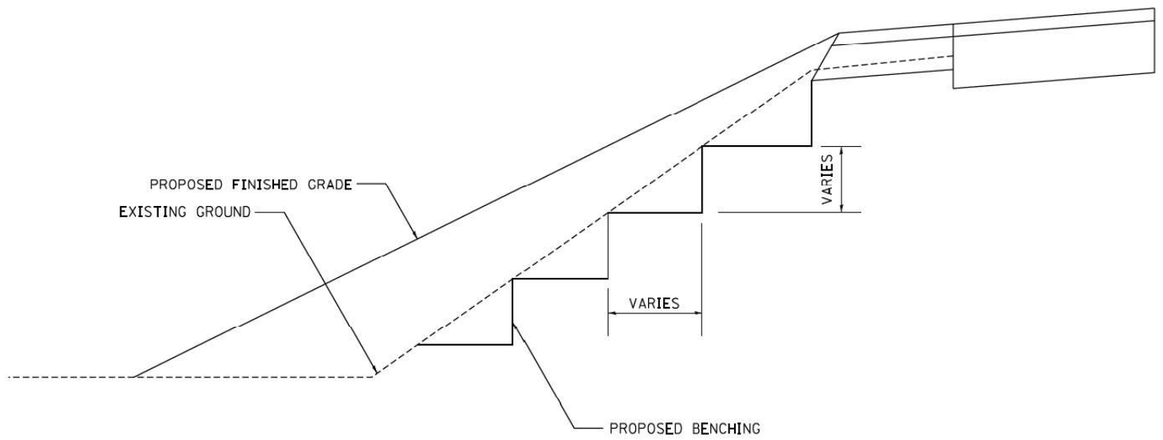


DELINEATORS SHALL BE INSTALLED ACCORDING TO STANDARD 635001 EXCEPT THAT THE POST SHALL BE ROTATED 180° . THE POST WILL HAVE THE WIDE SIDE FACING TRAFFIC AND THE DELINEATOR ATTACHECD AS SHOWN ABOVE.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

DELINEATOR AND POST ORIENTATION 37.4

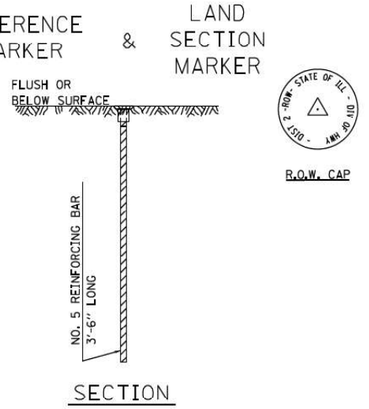
TYPICAL BENCHING ON EXISTING EMBANKMENT



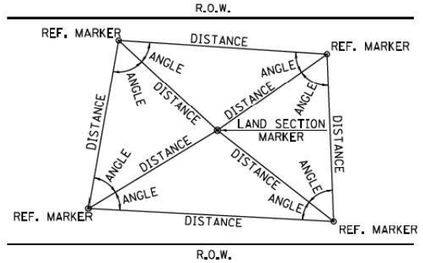
TYPICAL BENCHING DETAIL ON EXISTING EMBANKMENT 50.4

LAND SECTION & REFERENCE MARKERS

REFERENCE MARKER & LAND SECTION MARKER



METHOD OF REFERENCING MARKERS



METHOD OF REFERENCING POINTS

REFERENCE MARKERS SHALL BE USED TO TIE IN PERMANENT LAND SECTION AND 1/4 SECTION CORNERS. WHERE LAND SECTION MARKERS FALL IN THE SHOULDERS OR GRAVEL SURFACES, THE TOP OF THE BAR SHALL BE KEPT 3" BELOW THE SURFACE. LAND SECTION MARKERS LOCATED IN TRAFFIC LANES SHALL BE REPLACED BY CORE DRILL AND RESETTING PIN.

ALUMINUM CAPS SHALL BE PLACED ON TOP OF THE REINFORCEMENT BAR. THERE ARE 3 TYPES OF CAPS, ONE FOR THE RIGHT-OF-WAY CORNERS, ONE FOR THE SECTION CORNERS AND ONE FOR THE SECTION CORNER TIE POINTS. THE CAPS WILL BE SUPPLIED BY THE SURVEYOR WHO IS RESPONSIBLE FOR MONUMENTING CORNERS.

- USE INSTRUMENT TIES TO NEARBY LAND-MARKS (STEEPLES, TOWERS, SILOS, ETC...)
- IN CULTIVATED FIELDS, SET 28" OR MORE BELOW GROUND SURFACE.
- IN FENCE LINE OR PROTECTED AREA SET TOP AT GROUND LEVEL SO AS NOT TO BE DISTURBED BY MOWING.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

LAND SECTION & REFERENCE MARKERS 63.4

USER NAME = Sta42	DESIGNED - SJF	REVISED -	
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 /DISTRICT 2 STANDARD

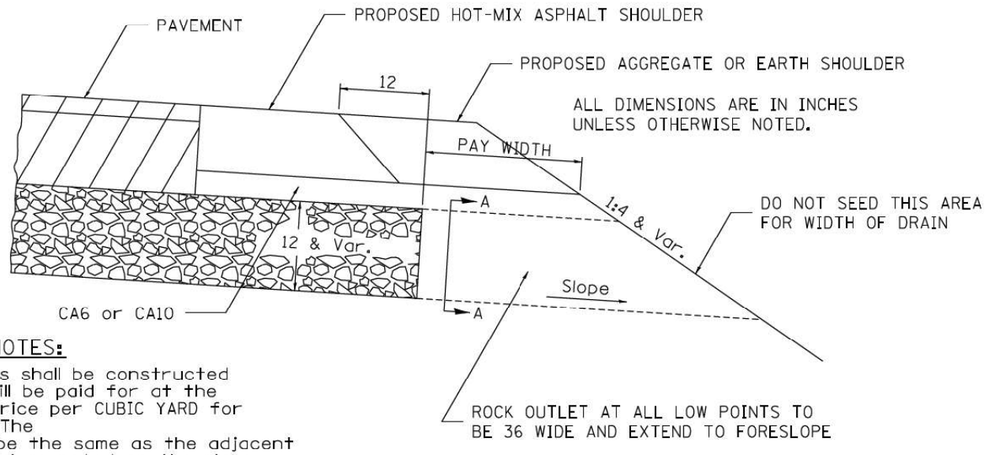
SCALE: N.T.S. / in. | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	175
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

MODEL: Default
FILE NAME: P:\Civil_IDOT_DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Lena 3117091\CAD Sheets\D2641.27-sht-D2 Standards Quarter date.dgn

DRAIN FOR AGGREGATE BASE COURSE



NOTES:

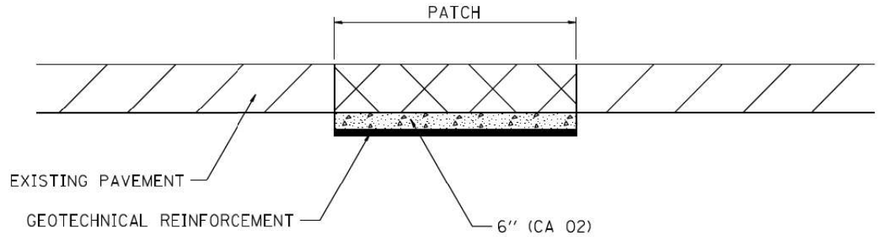
The rock outlets shall be constructed using CA7 and will be paid for at the contract unit price per CUBIC YARD for FRENCH DRAINS. The thickness shall be the same as the adjacent sub-base material as noted on the plans and shall include the cost of the filter fabric. The Rock outlets will be measured in CU YD , the width being 36 by the length shown above. The cost of the CA6 or CA10 under the shoulder shall be included in the contract unit price per SQ. YD. for AGGREGATE SUBGRADE IMPROVEMENT of the thickness specified. The fabric to be used shall conform to the Geotechnical Fabric For French Drains

SECTION A-A

NOTE: Slope same as shoulder with 2% min.

DRAIN FOR AGGREGATE BASE COURSE 96.4

SUBGRADE REPLACEMENT



NOTES:

THE CA 02 SHALL BE COMPACTED IN A MANNER APPROVED BY THE ENGINEER. IF THE MOISTURE CONTENT OF THE MATERIAL IS SUCH THAT COMPACTION SATISFACTORY TO THE ENGINEER CANNOT BE OBTAINED, SUFFICIENT WATER SHALL BE ADDED SO THAT SATISFACTORY COMPACTION CAN BE OBTAINED.

THE CA 02 SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CU YD FOR AGGREGATE SUBGRADE IMPROVEMENT WHICH SHALL ALSO INCLUDE ALL EARTH EXCAVATION.

THE GEOTECHNICAL REINFORCEMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQ YD FOR GEOTECHNICAL REINFORCEMENT.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

SUBGRADE REPLACEMENT 97.4

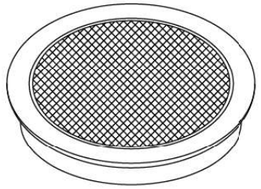
USER NAME = Sta42	DESIGNED - SJF	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**REGION 2 /DISTRICT 2 STANDARD**	
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -			
PLOT SCALE = 2.0000 ' / in.	CHECKED - SJF	REVISED -			
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -		SCALE: N.T.S. / in. | SHEET 1 OF 1 SHEETS | STA. TO STA.	

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	176
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

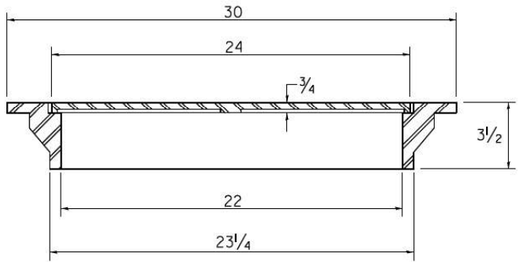
* FAP 301, FAP 654, FAS 1087

MODEL: Default
FILE NAME: P:\Civil_IDOT_DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Lena 3117091\CAD Sheets\D2644127-sht-D2 Standards Quarter date.dgn

FIELD TILE JUNCTION VAULTS 2' AND 3' DIA.

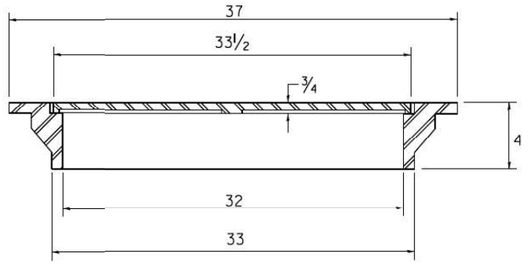


FRAME & LID FOR 2' VAULT

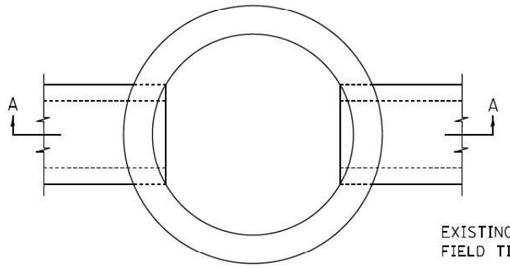


TOTAL WEIGHT: 146 LBS.

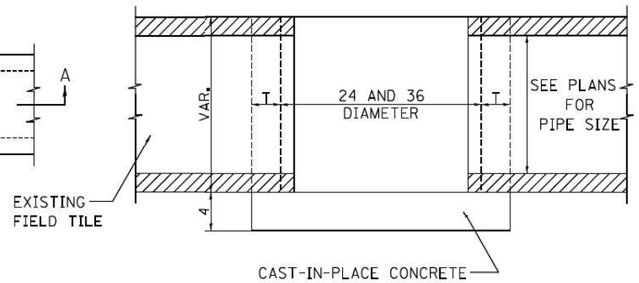
FRAME & LID FOR 3' VAULT



TOTAL WEIGHT: 280 LBS.



PLAN



SECTION A-A

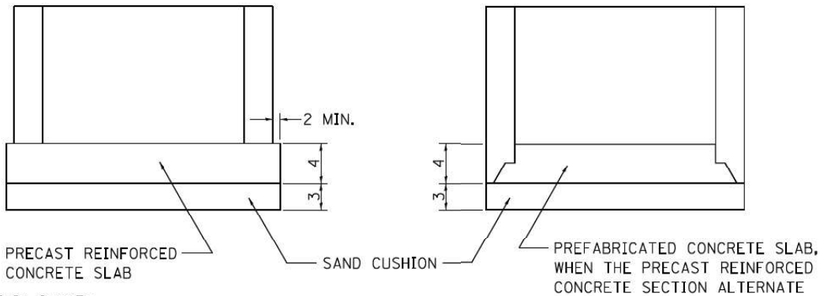
GENERAL NOTES:

THE FRAME AND LID IS REQUIRED ON ALL JUNCTION VAULTS.
THE FRAME AND LID SHALL BE INSTALLED FLUSH WITH THE GROUND.

FRAME AND LIDS:

R-6040 OR EQUIVALENT (2')
R-6080 OR EQUIVALENT (3')

ALTERNATE MATERIALS FOR WALLS	T
BRICK MASONRY	8
CAST-IN-PLACE CONCRETE	6
CONCRETE MASONRY UNIT	5
PRECAST REINFORCED CONCRETE SECTION	3



ALTERNATE METHODS

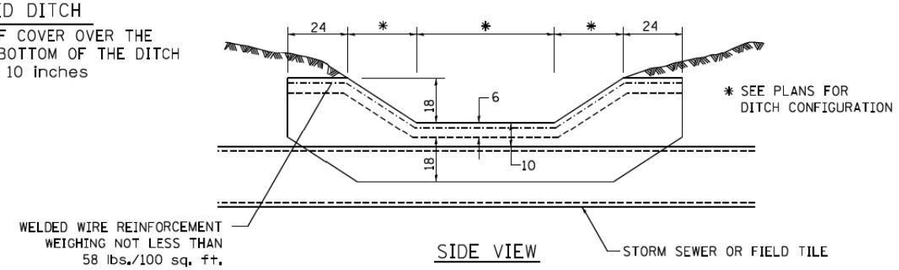
ALL DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE NOTED.

FIELD TILE JUNCTION VAULTS 2' AND 3' DIA. 30.2

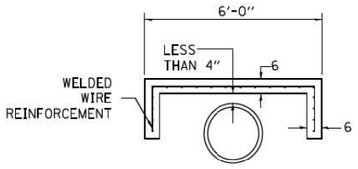
TREATMENT OF FIELD TILE SYSTEMS UNDER DITCHES

PAVED DITCH

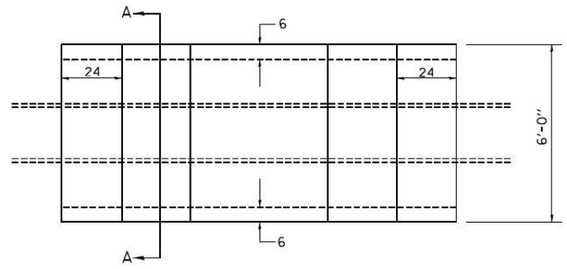
TO BE USED IF COVER OVER THE PIPE AT THE BOTTOM OF THE DITCH IS LESS THAN 10 inches



SIDE VIEW



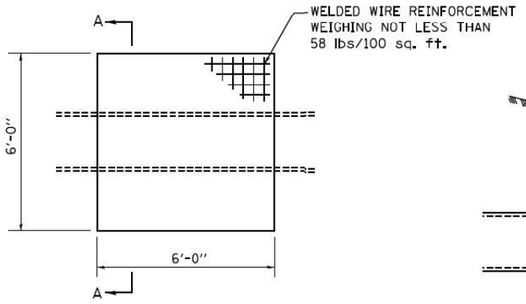
SECTION A-A

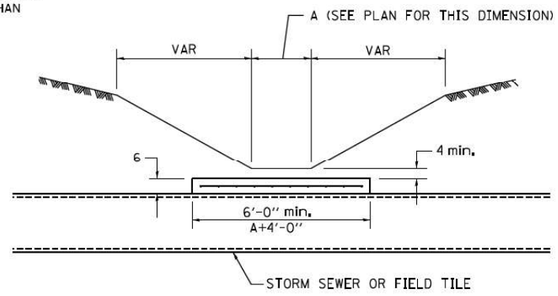


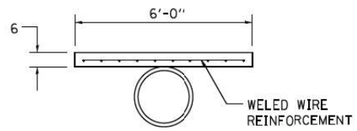
PLAN VIEW

CONCRETE SLAB

TO BE USED IF COVER OVER THE PIPE AT THE BOTTOM OF THE DITCH IS 10 INCHES TO 24 INCHES







SECTION A-A

NOTES

THIS WORK SHALL BE DONE IN ACCORDANCE WITH ARTICLE 611.04 OF THE STANDARD SPECIFICATION.

THE CONCRETE SLAB AND PAVED DITCH WILL BE PAID FOR AT THE CONCRETE UNIT PRICE PER CUBIC YARD FOR MISCELLANEOUS CONCRETE.

ALL DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE NOTED.

TREATMENT OF FIELD TILE SYSTEMS UNDER DITCHES 31.2

USER NAME = Sta42	DESIGNED - SJF	REVISED -	
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 /DISTRICT 2 STANDARD

SCALE: N.T.S. / in. | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	177
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

MODEL: Default
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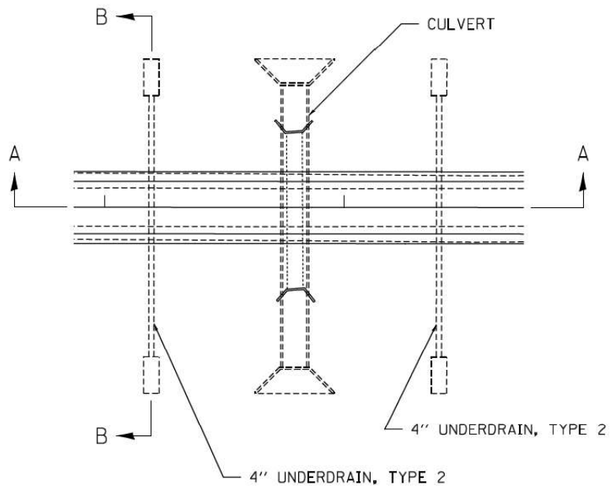
UNDERDRAIN FOR ACROSS ROAD (AR) CULVERTS



NOTES:

IN SAG CONDITIONS INSTALL PIPE UNDERDRAINS, TYPE 2, 4" ON BOTH SIDES OF CULVERT.

ON HIGHWAY GRADES GREATER THAN 2% INSTALL PIPE UNDERDRAINS, TYPE 2, 4" ON THE HIGH SIDE OF THE CULVERT.

THIS WORK SHALL BE COMPLETED ACCORDING TO SECTION 601 OF THE STANDARD SPECIFICATIONS.

THE UNDERDRAIN SHALL EXTEND UNTIL INTERSECTING WITH THE SIDE SLOPES. THE PIPES SHALL DRAIN INTO CONCRETE HEADWALLS. (SEE ARTICLE 601.05 OF THE STANDARD SPECIFICATIONS AND HIGHWAY STANDARD 601101).

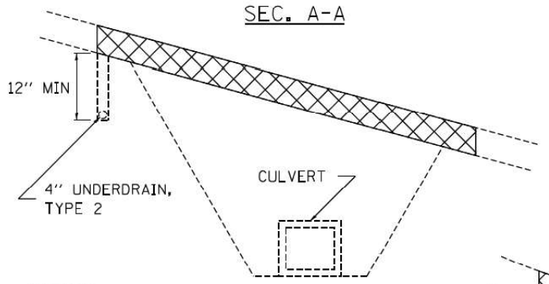
THE UNDERDRAIN SHALL BE A MINIMUM OF 12" BELOW THE EXISTING PAVEMENT.

PIPE UNDERDRAINS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR PIPE UNDERDRAINS, TYPE 2, 4".

CONCRETE HEADWALLS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR CONCRETE HEADWALLS FOR PIPE DRAINS.

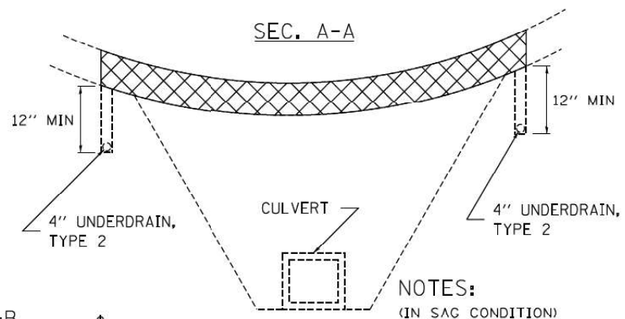
A DELINEATOR SHALL BE PLACED AT EACH CONCRETE HEADWALL. THESE BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR DELINEATORS.

SEC. A-A



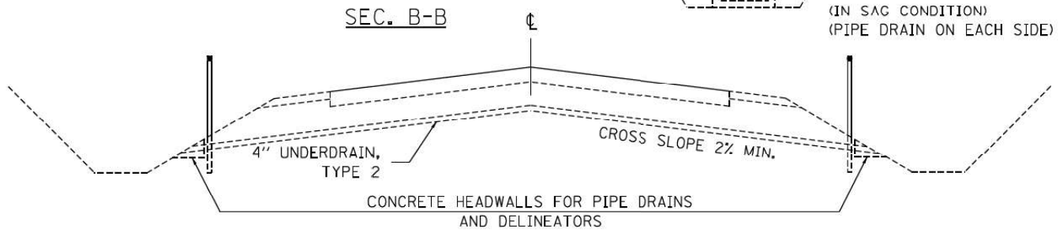
NOTES:
(HIGHWAY GRADE GREATER THAN 2%)

SEC. A-A



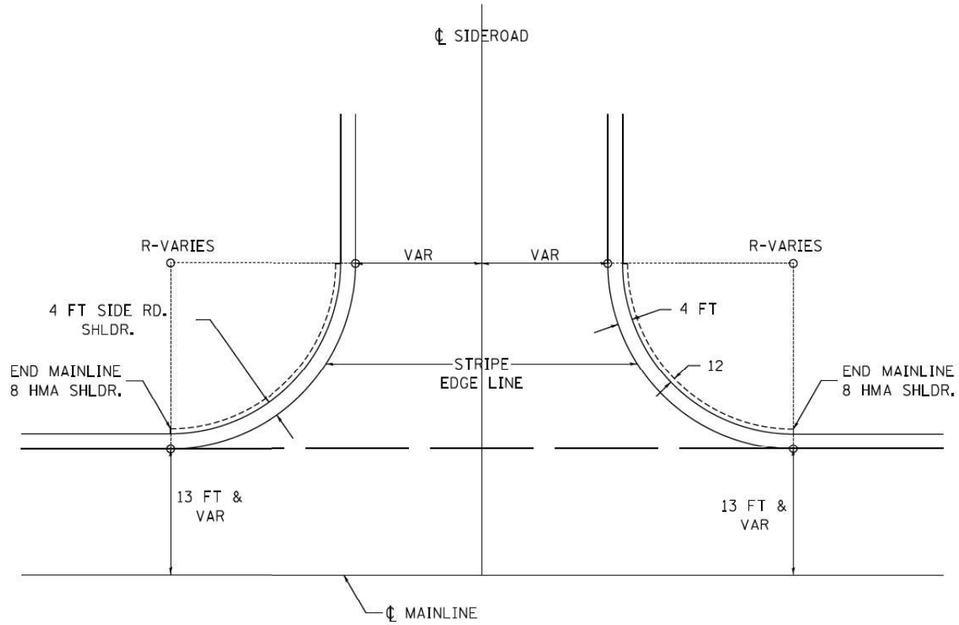
NOTES:
(IN SAG CONDITION)
(PIPE DRAIN ON EACH SIDE)

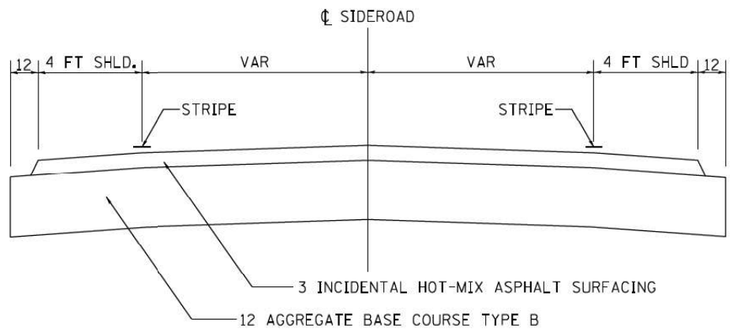
SEC. B-B



UNDERDRAIN FOR ACROSS ROAD (AR) CULVERTS 37.2

TYPICAL AGGREGATE BASE SIDEROAD





ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

TYPICAL AGGREGATE BASE SIDEROAD 93.2

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TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

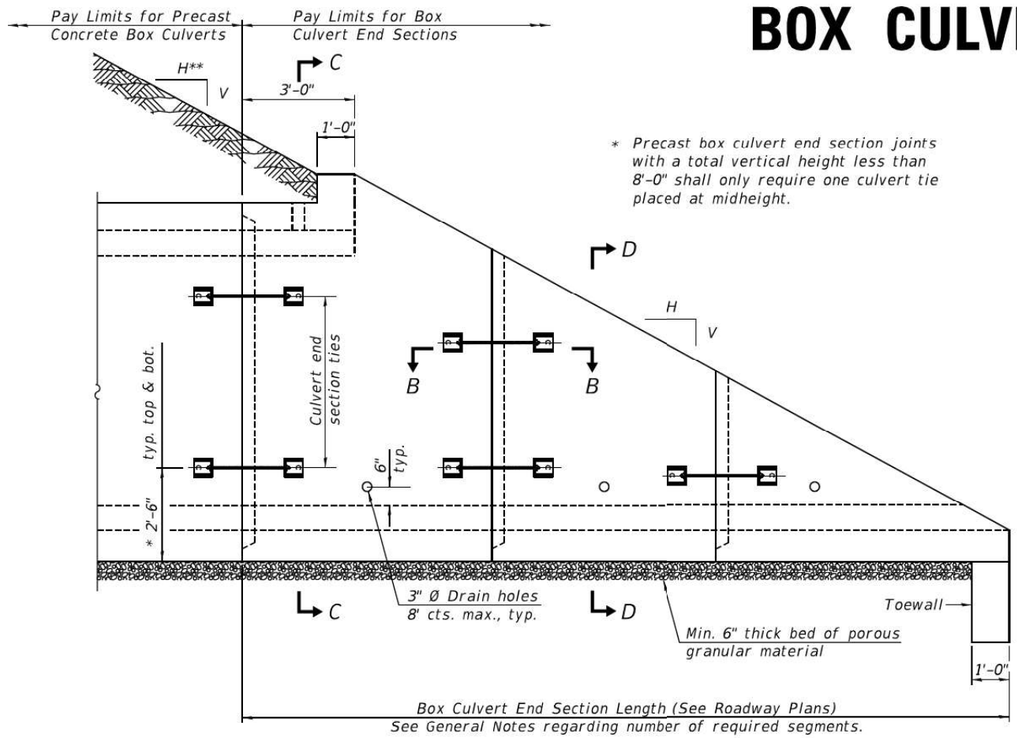
REGION 2 /DISTRICT 2 STANDARD

SCALE: N.T.S. / in. | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	178
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

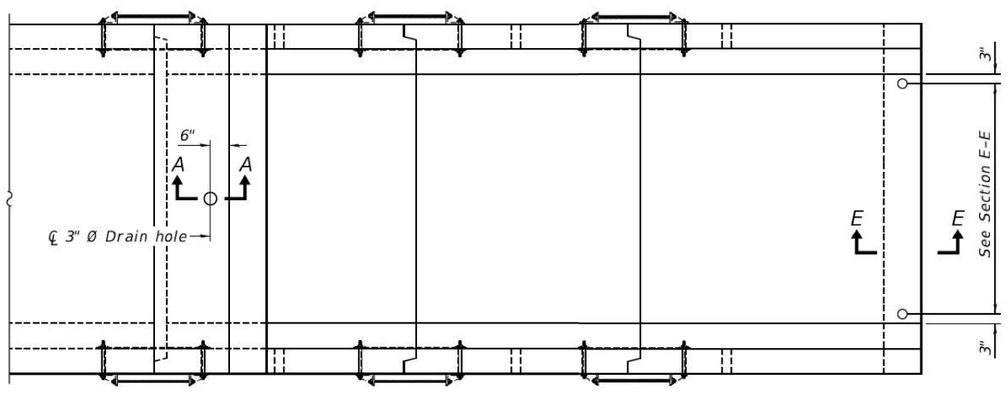
* FAP 301, FAP 654, FAS 1087

BOX CULVERT END SECTIONS

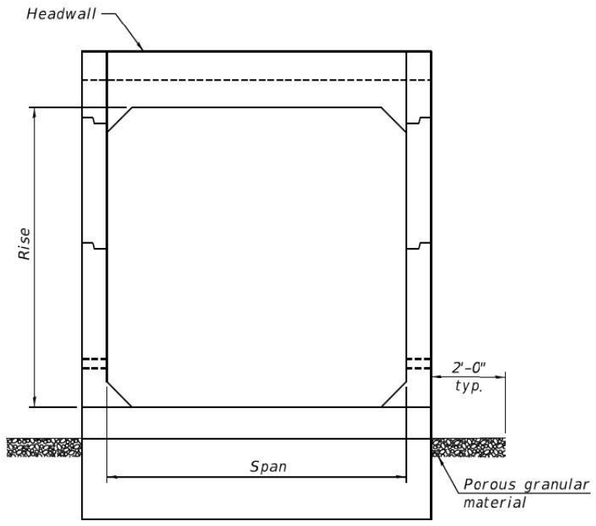


* Precast box culvert end section joints with a total vertical height less than 8'-0" shall only require one culvert tie placed at midheight.

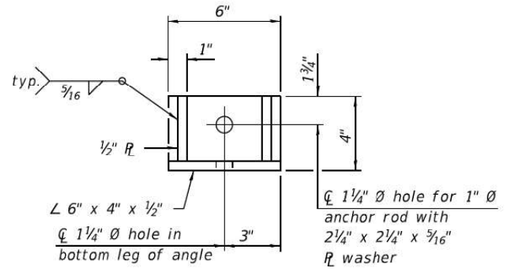
ELEVATION



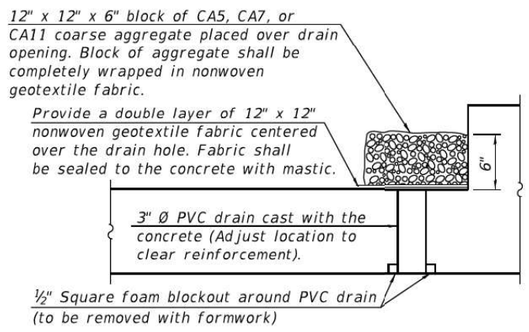
PLAN



END VIEW

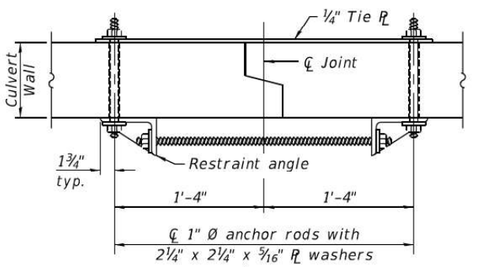


RESTRAINT ANGLE DETAIL

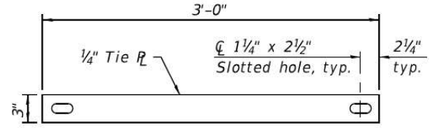


SECTION A-A

(All costs associated with furnishing and constructing the above drain detail will not be measured for payment but shall be included in the contract unit price for the associated work.)



SECTION B-B
(Showing end section tie details)



TIE PLATE DETAIL

GENERAL NOTES

Box Culvert End Sections shall be constructed according to the requirements of Section 540 of the Standard Specifications except as modified herein. This work will be measured for payment as each, with each end of each culvert being one each. End sections will be paid for at the contract unit price per each for Box Culvert End Sections of the culvert number specified.

Typical box section dimensions, materials, and reinforcement details for Box Culvert End Sections shall be according to the requirements of ASTM C 1577 as required for the design of the portion of the culvert within the limits of Precast Concrete Box Culverts except as modified herein.

Number of segments shown in Elevation is for example only. Length and number of precast box sections required to construct Box Culvert End Sections shall be determined by the Contractor.

** See roadway plans for embankment slope (V:H).

1" Ø anchor rods for the culvert ties shall conform to the requirements of ASTM F1554, Grade 105. Structural steel for tie plate and restraint angle shall conform to the requirements of Article 1006.04 of the Standard Specifications. All components of the culvert tie detail shall be galvanized according to the requirements of AASHTO M 111 or M 232 as applicable. 2¼" x 2¼" x 5/16" plate washers shall be provided under each nut required for the anchor rods. Anchor rods connecting precast sections shall be brought to a snug tight condition followed by an additional ½ turn on one of the nuts for anchor rods installed in the walls. Match marks shall be provided on the bolt and nut to verify relative rotation between the bolt and the nut. Holes in the walls for the culvert tie assembly may be drilled using core bits in lieu of using formed holes.

All costs associated with furnishing and installing or constructing the toewall and culvert ties will not be measured for payment but shall be included in the contract unit price for Box Culvert End Sections of the culvert number specified.

Drain holes shall conform to the requirements of Article 503.11 of the Standard Specifications unless noted otherwise.

Nonwoven geotextile fabric shall conform to the requirements of Article 1080.01. The minimum weight of the fabric shall be 6 oz. / sq. yd..

For end sections with traversable pipe grate systems, see grate detail sheet for required modifications.

SCB-TES

2-17-2017

(Sheet 1 of 2)

BOX CULVERT END SECTIONS SHEET 1 OF 2 10.1

USER NAME = Sta42	DESIGNED - SJF	REVISED -	
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: N.T.S. / in. | SHEET 1 OF 2 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	179
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

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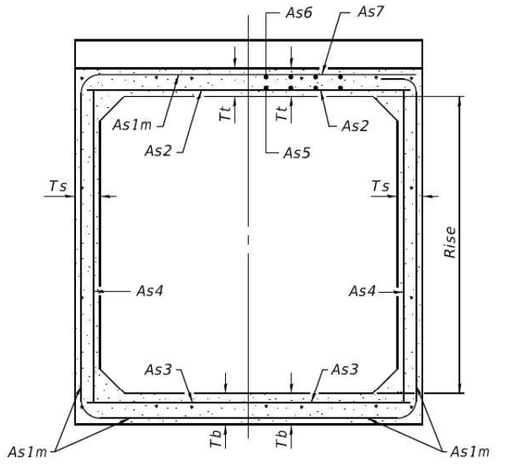
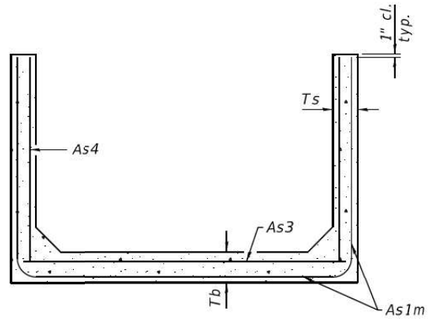
BOX CULVERT END SECTIONS

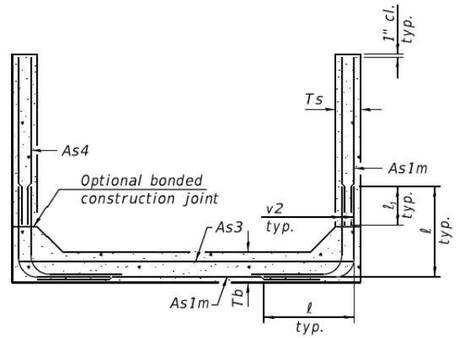


(Design Earth Cover ≥ 2 ft) (Design Earth Cover < 2 ft)

SECTION C–C



SECTION D–D



ALTERNATE SECTION D–D

As1m REINFORCEMENT (in.²/ ft)											
Ts (in.) \ Rise (ft)	2	3	4	5	6	7	8	9	10	11	12
4	0.19	0.17									
5	0.26	0.21	0.18								
6	0.22	0.26	0.23	0.22							
7	0.25	0.33	0.59	0.27	0.28						
8	0.40	0.35	0.43	0.39	0.36	0.34	0.40				
9	0.44	0.39	0.35	0.43	0.40	0.37	0.36	0.48			
10	0.48	0.42	0.38	0.47	0.44	0.41	0.38	0.42	0.56		
11	0.52	0.45	0.54	0.50	0.46	0.44	0.41	0.46	0.50	0.65	
12	0.55	0.49	0.58	0.54	0.50	0.48	0.45	0.46	0.46	0.61	0.75

(As1m reinforcement based upon welded wire reinforcement conforming to AASHTO M 55 or M 221).

ℓ_1 DIMENSION

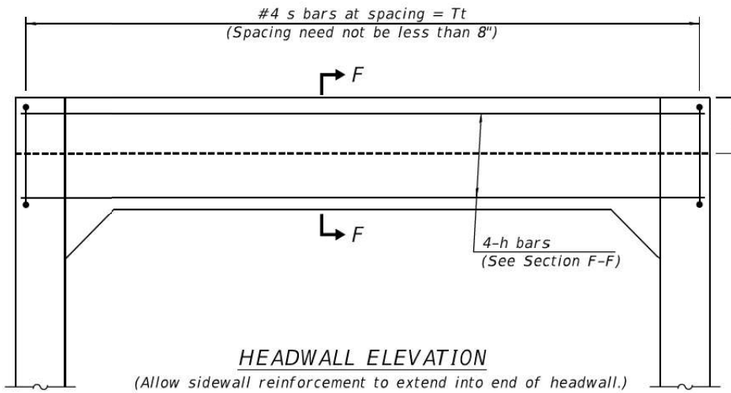
#3 bar = 2'–0"
#4 bar = 2'–8"
#5 bar = 3'–4"
#6 bar = 3'–11"

Notes:

Alternate Section D–D is provided to allow the Contractor the option of casting the bottom slab of the end section first followed by construction of the sidewalls using conventional forming methods. Shop drawings that detail slab thickness and reinforcement layout shall be submitted to the Engineer for review and approval when using Alternate Section D–D.

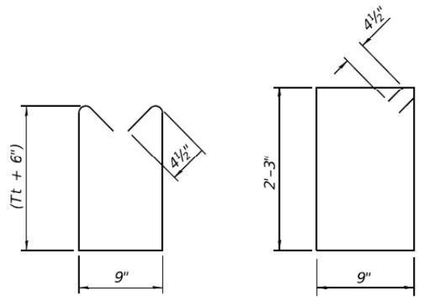
The size and spacing of the v2 bars shall provide a minimum reinforcement area along each face of the walls (in.²/ft.) equal to 1.10*(As1m). v2 bars may consist of #3 thru #6 size reinforcement bars and the longitudinal spacing shall not exceed the lesser of the wall thickness or 8 inches.

Bonded construction joints shall be prepared according to Article 503.09 of the Standard Specifications.



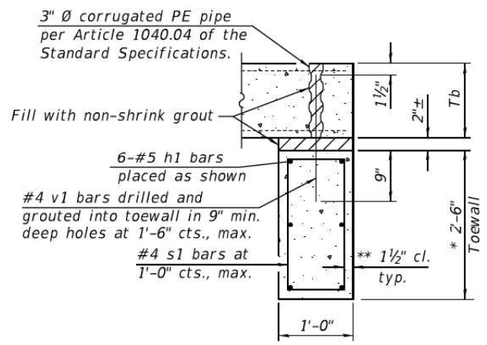
HEADWALL ELEVATION

(Allow sidewall reinforcement to extend into end of headwall.)



BAR s

BAR s1



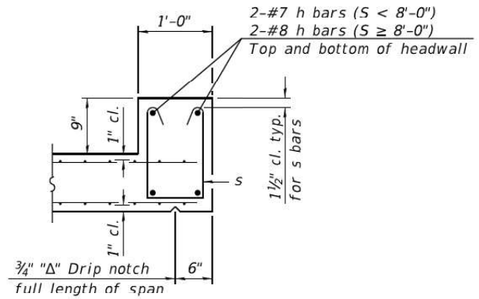
SECTION E–E

TOEWALL CONSTRUCTION SEQUENCE

1. Perform excavation and construct toewall.
2. Backfill according to the applicable paragraphs of Article 502.10 of the Standard Specifications and place bedding for precast box culvert end sections.
3. Set precast box culvert end section.
4. Drill and epoxy grout reinforcement in toewall in accordance with Section 584 of the Standard Specifications.
5. Pressure grout voids using non-shrink grout conforming to Section 1024 of the Standard Specifications.

* The Contractor may furnish a precast or cast-in-place toewall. The Contractor shall be responsible for the strength and stability of the precast toewall during handling. Additional lifting points may be required depending upon the length of the toewall or the Contractor may need to modify the design of the toewall for the proposed handling the method.

** If soil conditions permit, the sides of the toewall may be poured directly against the soil. The clear cover on the sides of the toewall shall be increased to 3" by increasing the thickness of the toewall.



SECTION F–F

SCB-TES

2-17-2017

(Sheet 2 of 2)

BOX CULVERT END SECTIONS 2 OF 2 10.1

USER NAME = Sta42	DESIGNED - SJF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -			
PLOT SCALE = 2.0000 ' / in.	CHECKED - SJF	REVISED -		SCALE: N.T.S. / in. SHEET 2 OF 2 SHEETS STA. TO STA.	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -			

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	180
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

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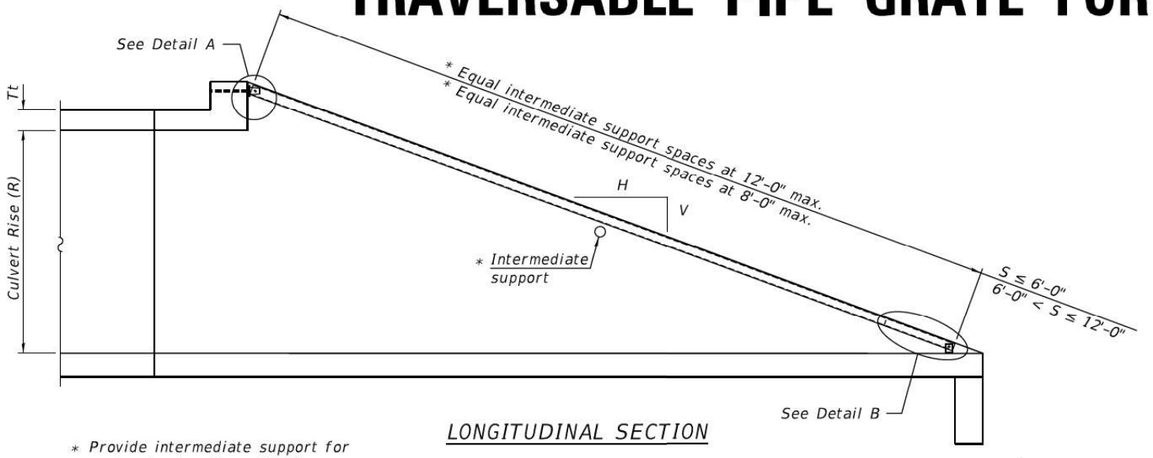
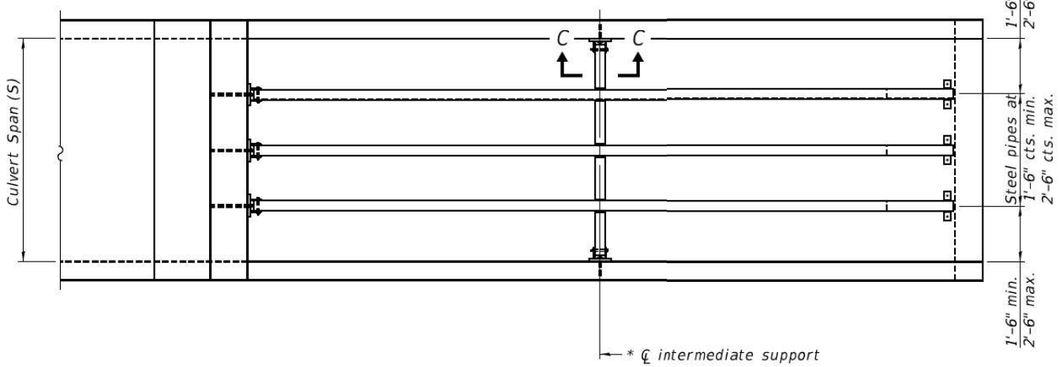
TRAVERSABLE PIPE GRATE FOR BOX CULVERT END SECTIONS

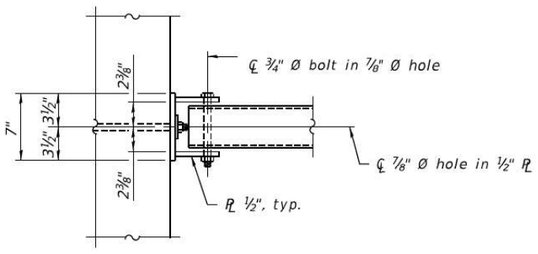


LONGITUDINAL SECTION

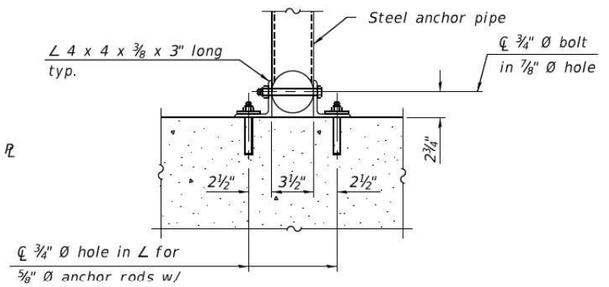
* Provide intermediate support for grate pipe lengths > 20'-0".



PLAN VIEW



VIEW A-A



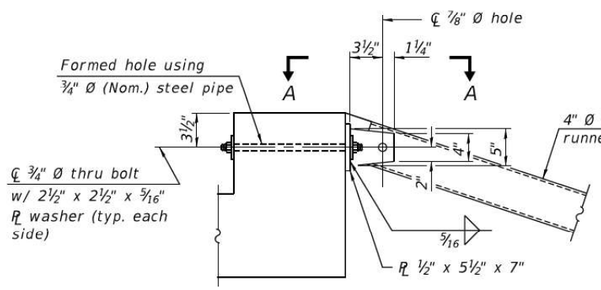
SECTION B-B

GENERAL NOTES

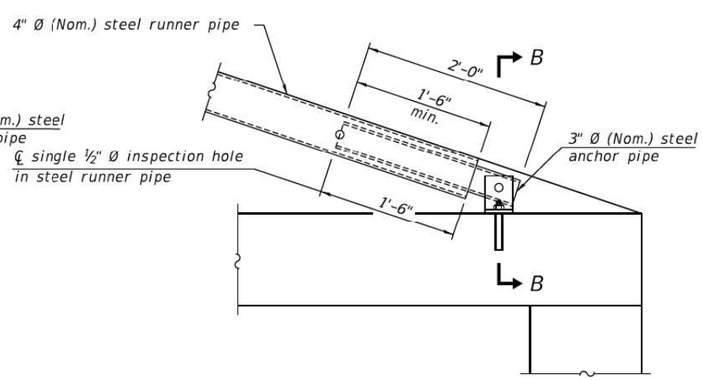
The minimum edge distance from the center of a hole to the free edge of a structural shape or plate shall be 1½" unless noted otherwise.

This standard shall only be used on concrete end sections not skewed more than ±15 degrees with roadway.

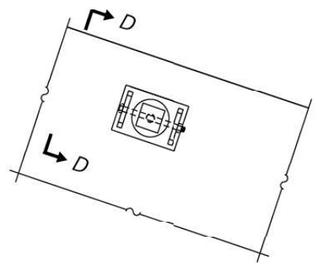
The Contractor may install the thru bolts using drilling and grouting in lieu of providing a formed hole using steel pipe. Installation shall be in accordance with Article 509.06 using a method that results in the annulus surrounding the bolt being completed filled with adhesive. The method of drilling shall not result in spalled concrete at the exit face. Epoxy grouted thru bolts shall be snug tightened followed by an additional ⅓ turn on the interior nut at final installation. Cost included with Traversable Pipe Grate.



DETAIL A

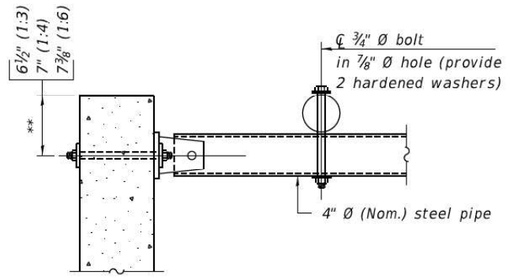


DETAIL B



VIEW C-C

(See Detail A for dimensions and details not shown.)



SECTION D-D

** Measured perpendicular to top of culvert wall. In addition, formed hole shall be located a minimum of 6" measured horizontally from any vertical joints necessary for construction of the culvert end section.

TPGBC-ZS

2-17-2017

TRAVERSABLE PIPE GRATE FOR BOX CULVERT END SECTIONS SHEET 1 OF 2 13.1

USER NAME = Sta42	DESIGNED - SJF	REVISED -
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: N.T.S. / in. | SHEET 1 OF 2 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	181
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087

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TRAVERSABLE PIPE GRATE FOR BOX CULVERT END SECTIONS

PIPE-GRATE SCHEDULE FOR BOX CULVERT END SECTIONS

Precast Box Culvert Dimensions			Slope of End Section								
			1:3			1:4			1:6		
S (ft)	R (ft)	Tt (in)	Main Pipe No. / Length	Int. Support No. / Length	Total Length of Pipe	Main Pipe No. / Length	Int. Support No. / Length	Total Length of Pipe	Main Pipe No. / Length	Int. Support No. / Length	Total Length of Pipe
4	2	7.5	1 @ 8'-10"	N/A	8'-10"	1 @ 11'-7"	N/A	11'-7"	1 @ 17'-2"	N/A	17'-2"
4	2	5	1 @ 8'-2"	N/A	8'-2"	1 @ 10'-8"	N/A	10'-8"	1 @ 15'-11"	N/A	15'-11"
4	3	7.5	1 @ 12'-0"	N/A	12'-0"	1 @ 15'-8"	N/A	15'-8"	1 @ 23'-3"	1 @ 3'-7"	26'-10"
4	3	5	1 @ 11'-4"	N/A	11'-4"	1 @ 14'-10"	N/A	14'-10"	1 @ 22'-0"	1 @ 3'-7"	25'-7"
4	4	7.5	1 @ 15'-2"	N/A	15'-2"	1 @ 19'-10"	1 @ 3'-7"	23'-5"	1 @ 29'-4"	2 @ 3'-7"	36'-6"
4	4	5	1 @ 14'-6"	N/A	14'-6"	1 @ 18'-11"	N/A	18'-11"	1 @ 28'-1"	2 @ 3'-7"	35'-3"
5	2	8	1 @ 8'-11"	N/A	8'-11"	1 @ 11'-9"	N/A	11'-9"	1 @ 17'-5"	N/A	17'-5"
5	2	6	1 @ 8'-5"	N/A	8'-5"	1 @ 11'-1"	N/A	11'-1"	1 @ 16'-5"	N/A	16'-5"
5	3	8	1 @ 12'-1"	N/A	12'-1"	1 @ 15'-10"	N/A	15'-10"	1 @ 23'-6"	1 @ 4'-7"	28'-1"
5	3	6	1 @ 11'-7"	N/A	11'-7"	1 @ 15'-2"	N/A	15'-2"	1 @ 22'-6"	1 @ 4'-7"	27'-1"
5	4	8	1 @ 15'-3"	N/A	15'-3"	1 @ 20'-0"	1 @ 4'-7"	24'-7"	1 @ 29'-7"	2 @ 4'-7"	38'-9"
5	4	6	1 @ 14'-9"	N/A	14'-9"	1 @ 19'-3"	N/A	19'-3"	1 @ 28'-7"	2 @ 4'-7"	37'-9"
5	5	8	1 @ 18'-5"	N/A	18'-5"	1 @ 24'-1"	2 @ 4'-7"	33'-3"	1 @ 35'-8"	3 @ 4'-7"	49'-5"
5	5	6	1 @ 17'-11"	N/A	17'-11"	1 @ 23'-5"	1 @ 4'-7"	28'-0"	1 @ 34'-8"	2 @ 4'-7"	43'-10"
6	2	8	2 @ 8'-11"	N/A	17'-10"	2 @ 11'-9"	N/A	23'-6"	2 @ 17'-5"	N/A	34'-10"
6	2	7	2 @ 8'-8"	N/A	17'-4"	2 @ 11'-5"	N/A	22'-10"	2 @ 16'-11"	N/A	33'-10"
6	3	8	2 @ 12'-1"	N/A	24'-2"	2 @ 15'-10"	N/A	31'-8"	2 @ 23'-6"	1 @ 5'-7"	52'-7"
6	3	7	2 @ 11'-10"	N/A	23'-8"	2 @ 15'-6"	N/A	31'-0"	2 @ 23'-0"	1 @ 5'-7"	51'-7"
6	4	8	2 @ 15'-3"	N/A	30'-6"	2 @ 20'-0"	1 @ 5'-7"	45'-7"	2 @ 29'-7"	2 @ 5'-7"	70'-4"
6	4	7	2 @ 15'-0"	N/A	30'-0"	2 @ 19'-8"	1 @ 5'-7"	44'-11"	2 @ 29'-1"	2 @ 5'-7"	69'-4"
6	5	8	2 @ 18'-5"	N/A	36'-10"	2 @ 24'-1"	2 @ 5'-7"	59'-4"	2 @ 35'-8"	3 @ 5'-7"	88'-1"
6	5	7	2 @ 18'-2"	N/A	36'-4"	2 @ 23'-9"	2 @ 5'-7"	58'-8"	2 @ 35'-2"	2 @ 5'-7"	81'-6"
6	6	8	2 @ 21'-7"	1 @ 5'-7"	48'-9"	2 @ 28'-3"	2 @ 5'-7"	67'-8"	2 @ 41'-9"	3 @ 5'-7"	100'-3"
6	6	7	2 @ 21'-4"	1 @ 5'-7"	48'-3"	2 @ 27'-11"	2 @ 5'-7"	67'-0"	2 @ 41'-3"	3 @ 5'-7"	99'-3"
7	2	8	2 @ 8'-11"	N/A	17'-10"	2 @ 11'-9"	N/A	23'-6"	2 @ 17'-5"	N/A	34'-10"
7	3	8	2 @ 12'-1"	N/A	24'-2"	2 @ 15'-10"	N/A	31'-8"	2 @ 23'-6"	2 @ 6'-7"	60'-2"
7	4	8	2 @ 15'-3"	N/A	30'-6"	2 @ 20'-0"	2 @ 6'-7"	53'-2"	2 @ 29'-7"	3 @ 6'-7"	78'-11"
7	5	8	2 @ 18'-5"	N/A	36'-10"	2 @ 24'-1"	3 @ 6'-7"	67'-11"	2 @ 35'-8"	4 @ 6'-7"	97'-8"
7	6	8	2 @ 21'-7"	2 @ 6'-7"	56'-4"	2 @ 28'-3"	3 @ 6'-7"	76'-3"	2 @ 41'-9"	5 @ 6'-7"	116'-5"
7	7	8	2 @ 24'-9"	3 @ 6'-7"	69'-3"	2 @ 32'-4"	4 @ 6'-7"	91'-0"	2 @ 47'-10"	6 @ 6'-7"	135'-2"
8	2	8	3 @ 8'-11"	N/A	26'-9"	3 @ 11'-9"	N/A	35'-3"	3 @ 17'-5"	N/A	52'-3"
8	3	8	3 @ 12'-1"	N/A	36'-3"	3 @ 15'-10"	N/A	47'-6"	3 @ 23'-6"	2 @ 7'-7"	85'-8"
8	4	8	3 @ 15'-3"	N/A	45'-9"	3 @ 20'-0"	2 @ 7'-7"	75'-2"	3 @ 29'-7"	3 @ 7'-7"	111'-6"
8	5	8	3 @ 18'-5"	N/A	55'-3"	3 @ 24'-1"	3 @ 7'-7"	95'-0"	3 @ 35'-8"	4 @ 7'-7"	137'-4"
8	6	8	3 @ 21'-7"	2 @ 7'-7"	79'-11"	3 @ 28'-3"	3 @ 7'-7"	107'-6"	3 @ 41'-9"	5 @ 7'-7"	163'-2"
8	7	8	3 @ 24'-9"	3 @ 7'-7"	97'-0"	3 @ 32'-4"	4 @ 7'-7"	127'-4"	3 @ 47'-10"	6 @ 7'-7"	189'-0"
8	8	8	3 @ 27'-11"	3 @ 7'-7"	106'-6"	3 @ 36'-6"	4 @ 7'-7"	139'-10"	3 @ 53'-11"	6 @ 7'-7"	207'-3"
9	2	9	3 @ 9'-3"	N/A	27'-9"	3 @ 12'-1"	N/A	36'-3"	3 @ 17'-11"	N/A	53'-9"
9	3	9	3 @ 12'-4"	N/A	37'-0"	3 @ 16'-2"	N/A	48'-6"	3 @ 24'-0"	3 @ 8'-7"	97'-9"
9	4	9	3 @ 15'-6"	N/A	46'-6"	3 @ 20'-4"	2 @ 8'-7"	78'-2"	3 @ 30'-1"	3 @ 8'-7"	116'-0"
9	5	9	3 @ 18'-8"	N/A	56'-0"	3 @ 24'-5"	3 @ 8'-7"	99'-0"	3 @ 36'-2"	4 @ 8'-7"	142'-10"
9	6	9	3 @ 21'-10"	2 @ 8'-7"	82'-8"	3 @ 28'-7"	3 @ 8'-7"	111'-6"	3 @ 42'-3"	5 @ 8'-7"	169'-8"
9	7	9	3 @ 25'-0"	3 @ 8'-7"	100'-9"	3 @ 32'-8"	4 @ 8'-7"	132'-4"	3 @ 48'-4"	6 @ 8'-7"	196'-6"
9	8	9	3 @ 28'-2"	3 @ 8'-7"	110'-3"	3 @ 36'-10"	4 @ 8'-7"	144'-10"	3 @ 54'-5"	6 @ 8'-7"	214'-9"
9	9	9	3 @ 31'-4"	3 @ 8'-7"	119'-9"	3 @ 40'-11"	5 @ 8'-7"	165'-8"	3 @ 60'-6"	7 @ 8'-7"	241'-7"
10	2	10	3 @ 9'-6"	N/A	28'-6"	3 @ 12'-5"	N/A	37'-3"	3 @ 18'-5"	N/A	55' 3"
10	3	10	3 @ 12'-8"	N/A	38'-0"	3 @ 16'-6"	N/A	49'-6"	3 @ 24'-6"	3 @ 9'-7"	102'-3"
10	4	10	3 @ 15'-10"	N/A	47'-6"	3 @ 20'-8"	2 @ 9'-7"	81'-2"	3 @ 30'-7"	3 @ 9'-7"	120'-6"
10	5	10	3 @ 19'-0"	N/A	57'-0"	3 @ 24'-9"	3 @ 9'-7"	103'-0"	3 @ 36'-8"	4 @ 9'-7"	148'-4"
10	6	10	3 @ 22'-1"	2 @ 9'-7"	85'-5"	3 @ 28'-11"	3 @ 9'-7"	115'-6"	3 @ 42'-9"	5 @ 9'-7"	176'-2"
10	7	10	3 @ 25'-3"	3 @ 9'-7"	104'-6"	3 @ 33'-0"	4 @ 9'-7"	137'-4"	3 @ 48'-10"	6 @ 9'-7"	204'-0"
10	8	10	3 @ 28'-5"	3 @ 9'-7"	114'-0"	3 @ 37'-2"	4 @ 9'-7"	149'-10"	3 @ 54'-11"	6 @ 9'-7"	222'-3"
10	9	10	3 @ 31'-7"	4 @ 9'-7"	133'-1"	3 @ 41'-3"	5 @ 9'-7"	171'-8"	3 @ 61'-0"	7 @ 9'-7"	250'-1"
10	10	10	3 @ 34'-9"	4 @ 9'-7"	142'-7"	3 @ 45'-5"	5 @ 9'-7"	184'-2"	3 @ 67'-1"	8 @ 9'-7"	277'-11"
11	2	11	4 @ 9'-9"	N/A	39'-0"	4 @ 12'-9"	N/A	51'-0"	4 @ 18'-11"	N/A	75'-8"
11	3	11	4 @ 12'-11"	N/A	51'-8"	4 @ 16'-11"	N/A	67'-8"	4 @ 25'-0"	3 @ 10'-7"	131'-9"
11	4	11	4 @ 16'-1"	N/A	64'-4"	4 @ 21'-0"	2 @ 10'-7"	105'-2"	4 @ 31'-1"	3 @ 10'-7"	156'-1"
11	6	11	4 @ 22'-5"	2 @ 10'-7"	110'-10"	4 @ 29'-3"	3 @ 10'-7"	148'-9"	4 @ 43'-3"	5 @ 10'-7"	225'-11"
11	8	11	4 @ 28'-9"	3 @ 10'-7"	146'-9"	4 @ 37'-6"	4 @ 10'-7"	192'-4"	4 @ 55'-5"	6 @ 10' 7"	285' 2"
11	10	11	4 @ 35'-0"	4 @ 10'-7"	182'-4"	4 @ 45'-9"	5 @ 10'-7"	235'-11"	4 @ 67'-7"	8 @ 10'-7"	355'-0"
11	11	11	4 @ 38'-2"	4 @ 10'-7"	195'-0"	4 @ 49'-10"	6 @ 10'-7"	262'-10"	4 @ 73'-8"	9 @ 10'-7"	389'-11"
12	2	12	4 @ 10'-0"	N/A	40'-0"	4 @ 13'-1"	N/A	52'-4"	4 @ 19'-5"	N/A	77'-8"
12	3	12	4 @ 13'-2"	N/A	52'-8"	4 @ 17'-3"	N/A	69'-0"	4 @ 25'-6"	3 @ 11'-7"	136'-9"
12	4	12	4 @ 16'-4"	N/A	65'-4"	4 @ 21'-4"	2 @ 11'-7"	108'-6"	4 @ 31'-7"	4 @ 11'-7"	172'-8"
12	6	12	4 @ 22'-8"	2 @ 11'-7"	113'-10"	4 @ 29'-7"	3 @ 11'-7"	153'-1"	4 @ 43'-9"	5 @ 11'-7"	232'-11"
12	8	12	4 @ 29'-0"	3 @ 11'-7"	150'-9"	4 @ 37'-10"	4 @ 11'-7"	197'-8"	4 @ 55'-11"	7 @ 11'-7"	304'-9"
12	10	12	4 @ 35'-4"	4 @ 11'-7"	187'-8"	4 @ 46'-1"	5 @ 11'-7"	242'-3"	4 @ 68'-1"	8 @ 11'-7"	365'-0"
12	12	12	4 @ 41'-8"	5 @ 11'-7"	224'-7"	4 @ 54'-4"	6 @ 11'-7"	286'-10"	4 @ 80'-3"	10 @ 11'-7"	436'-10"

GENERAL NOTES

This table is only to be used for cross drainage structures.

TPGBC-ZS

2-17-2017

(Sheet 2 of 2)

TRAVERSABLE PIPE GRATE FOR BOX CULVERT END SECTIONS SHEET 2 OF 2 13.1

USER NAME = Sta42	DESIGNED - SJF	REVISED -
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

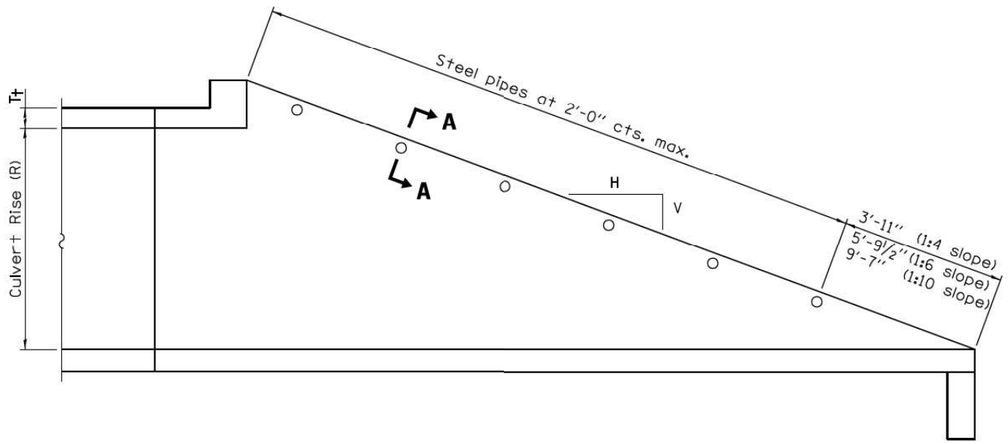
SCALE: N.T.S. ' in. | SHEET 2 OF 2 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	182
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

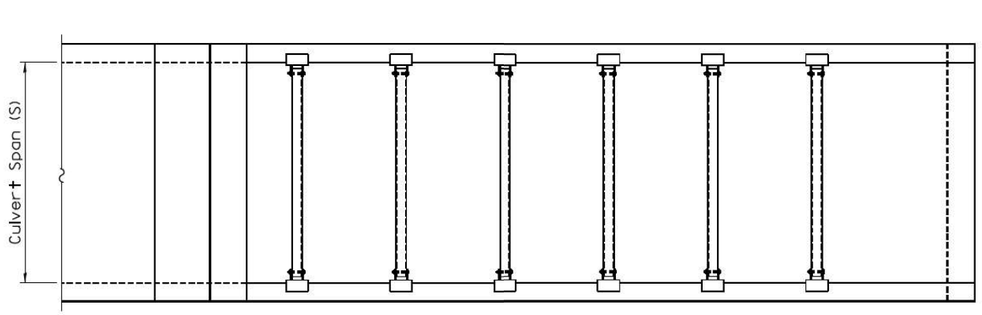
* FAP 301, FAP 654, FAS 1087

MODEL: Default
FILE NAME: P:\Cad\IDOT_DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Lena 3117091\CAD Sheets\D2641 27-snt-02 Standards full_site.dgn

TRAVERSABLE PIPE GRATE FOR PARALLEL DRAINAGE STRUCTURE



LONGITUDINAL SECTION



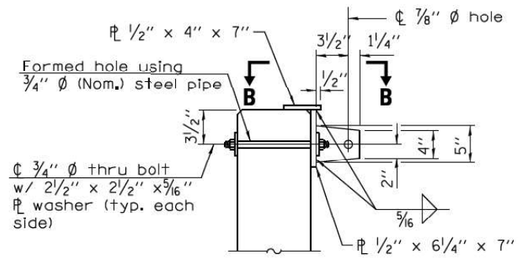
PLAN VIEW

GENERAL NOTES

The minimum edge distance from the center of a hole to the free edge of a structural shape or plate shall be 1½" unless noted otherwise.

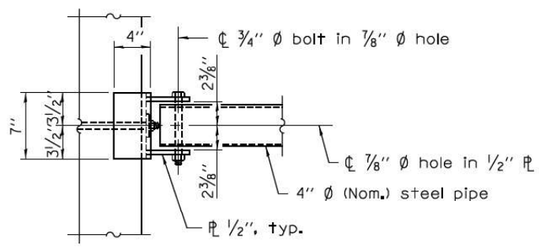
This standard shall only be used on concrete end sections for parallel drainage structures.

The Contractor may install the thru bolts using drilling and grouting in lieu of providing a formed hole using steel pipe. Installation shall be in accordance with Article 509.06 using a method that results in the annulus surrounding the bolt being completely filled with adhesive. The method of drilling shall not result in spalled concrete at the exit face. Epoxy grouted thru bolts shall be snug tightened followed by an additional 1/3 turn on the interior nut at final installation. Cost included with Traversable Pipe Grate.



SECTION A–A

(4" Ø pipe not shown for clarity.)



VIEW B–B

TRAVERSABLE PIPE GRATE FOR PARALLEL DRAINAGE STRUCTURE SHEET 1 OF 5 14.1

USER NAME = Sta42	DESIGNED - SJF	REVISED -
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: N.T.S. ' in. | SHEET 1 OF 5 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
"	(22, 107)R	STEPHENSON	277	183
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

MODEL: Default
FILE NAME: P:\Civil_IDOT_DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Lena_3117091\CAD Sheets\D2641.L27-Joint-D2 Standards_full_size.dgn

TRAVERSABLE PIPE GRATE FOR PARALLEL DRAINAGE STRUCTURE

PIPE GRATE SCHEDULE FOR PARALLEL BOX CULVERTS

(<2 FT COVER)							
BOX SIZE		SLOPE OF END SECTION					
		1:4		1:6		1:10	
SPAN (FT.)	RISE (FT.)	Pipes No. / Length	Total Length of Pipe	Pipes No. / Length	Total Length of Pipe	Pipes No. / Length	Total Length of Pipe
3	2	5 @ 2'-7"	12'-11"	8 @ 2'-7"	20'-8"	12 @ 2'-7"	31'-0"
3	3	7 @ 2'-7"	18'-1"	11 @ 2'-7"	28'-5"	17 @ 2'-7"	43'-11"
4	2	5 @ 3'-7"	17'-11"	8 @ 3'-7"	28'-8"	13 @ 3'-7"	46'-7"
4	3	8 @ 3'-7"	28'-8"	11 @ 3'-7"	39'-5"	18 @ 3'-7"	64'-6"
4	4	10 @ 3'-7"	35'-10"	14 @ 3'-7"	50'-2"	23 @ 3'-7"	82'-5"
5	2	6 @ 4'-7"	27'-6"	8 @ 4'-7"	36'-8"	13 @ 4'-7"	59'-7"
5	3	8 @ 4'-7"	36'-8"	11 @ 4'-7"	50'-5"	18 @ 4'-7"	82'-6"
5	4	10 @ 4'-7"	45'-10"	14 @ 4'-7"	64'-2"	23 @ 4'-7"	105'-5"
5	5	12 @ 4'-7"	55'-0"	17 @ 4'-7"	77'-11"	28 @ 4'-7"	128'-4"
6	2	6 @ 5'-7"	33'-6"	8 @ 5'-7"	44'-8"	13 @ 5'-7"	72'-7"
6	3	8 @ 5'-7"	44'-8"	11 @ 5'-7"	61'-5"	18 @ 5'-7"	100'-6"
6	4	10 @ 5'-7"	55'-10"	14 @ 5'-7"	78'-2"	23 @ 5'-7"	128'-5"
6	5	12 @ 5'-7"	67'-0"	17 @ 5'-7"	94'-11"	28 @ 5'-7"	156'-4"
6	6	14 @ 5'-7"	78'-2"	20 @ 5'-7"	111'-8"	33 @ 5'-7"	184'-3"
7	2	6 @ 6'-7"	39'-6"	8 @ 6'-7"	52'-8"	13 @ 6'-7"	85'-7"
7	3	8 @ 6'-7"	52'-8"	11 @ 6'-7"	72'-5"	18 @ 6'-7"	118'-6"
7	4	10 @ 6'-7"	65'-10"	14 @ 6'-7"	92'-2"	23 @ 6'-7"	151'-5"
7	5	12 @ 6'-7"	79'-0"	17 @ 6'-7"	111'-11"	28 @ 6'-7"	184'-4"
7	6	14 @ 6'-7"	92'-2"	20 @ 6'-7"	131'-8"	33 @ 6'-7"	217'-3"
7	7	16 @ 6'-7"	105'-4"	23 @ 6'-7"	151'-5'	38 @ 6'-7"	250'-2"
8	2	6 @ 7'-7"	45'-6"	8 @ 7'-7"	60'-8"	13 @ 7'-7"	98'-7"
8	3	8 @ 7'-7"	60'-8"	11 @ 7'-7"	83'-5"	18 @ 7'-7"	136'-6"
8	4	10 @ 7'-7"	75'-10"	14 @ 7'-7"	106'-2"	23 @ 7'-7"	174'-5"
8	5	12 @ 7'-7"	91'-0"	17 @ 7'-7"	128'-11"	28 @ 7'-7"	212'-4"
8	6	14 @ 7'-7"	106'-2"	20 @ 7'-7"	151'-8"	33 @ 7'-7"	250'-3"
8	7	16 @ 7'-7"	121'-4"	23 @ 7'-7"	174'-5"	38 @ 7'-7"	288'-2"
8	8	18 @ 7'-7"	136'-6"	26 @ 7'-7"	197'-2"	43 @ 7'-7"	326'-1"
9	2	6 @ 8'-7"	51'-6"	8 @ 8'-7"	68'-8"	13 @ 8'-7"	111'-7"
9	3	8 @ 8'-7"	68'-8"	11 @ 8'-7"	94'-5"	18 @ 8'-7"	154'-6'
9	4	10 @ 8'-7"	85'-10"	14 @ 8'-7"	120'-2"	23 @ 8'-7"	197'-5"
9	5	12 @ 8'-7"	103'-0"	17 @ 8'-7"	145'-11"	28 @ 8'-7"	240'-4"
9	6	14 @ 8'-7"	120'-2"	20 @ 8'-7"	171'-8"	33 @ 8'-7"	283'-3"
9	7	16 @ 8'-7"	137'-4"	23 @ 8'-7"	197'-5"	38 @ 8'-7"	326'-2"
9	8	18 @ 8'-7"	154'-6"	26 @ 8'-7"	223'-2"	43 @ 8'-7"	369'-1"
9	9	20 @ 8'-7"	171'-8"	30 @ 8'-7"	257'-6"	48 @ 8'-7"	412'-0"
10	2	6 @ 9'-7"	57'-6"	9 @ 9'-7"	86'-3"	14 @ 9'-7"	134'-2"
10	3	8 @ 9'-7"	76'-8"	12 @ 9'-7"	115'-0"	19 @ 9'-7"	182'-1"
10	4	10 @ 9'-7"	95'-10"	15 @ 9'-7"	143'-9"	24 @ 9'-7"	230'-0"
10	5	12 @ 9'-7"	115'-0"	18 @ 9'-7"	172'-6"	29 @ 9'-7"	277'-11"
10	6	14 @ 9'-7"	134'-2"	21 @ 9'-7"	201'-3"	34 @ 9'-7"	325'-10"
10	7	16 @ 9'-7"	153'-4"	24 @ 9'-7"	230'-0"	39 @ 9'-7"	373'-9"
10	8	18 @ 9'-7"	172'-6"	27 @ 9'-7"	258'-9"	44 @ 9'-7"	421'-8"
10	9	20 @ 9'-7"	191'-8"	30 @ 9'-7"	287'-5"	49 @ 9'-7"	469'-7"
10	10	22 @ 9'-7"	210'-10"	33 @ 9'-7"	316'-3"	54 @ 9'-7"	517'-6"

PIPE GRATE SCHEDULE FOR PARALLEL BOX CULVERTS

(<2 FT COVER)							
BOX SIZE		SLOPE OF END SECTION					
		1:4		1:6		1:10	
SPAN (FT.)	RISE (FT.)	Pipes No. / Length	Total Length of Pipe	Pipes No. / Length	Total Length of Pipe	Pipes No. / Length	Total Length of Pipe
11	2	6 @ 10'-7"	63'-6"	9 @ 10'-7"	95'-3"	14 @ 10'-7"	148'-2"
11	3	8 @ 10'-7"	84'-8"	12 @ 10'-7"	127'-0"	19 @ 10'-7"	201'-1"
11	4	10 @ 10'-7"	105'-10"	15 @ 10'-7"	158'-9"	24 @ 10'-7"	254'-0"
11	6	14 @ 10'-7"	148'-2"	21 @ 10'-7"	222'-3"	34 @ 10'-7"	359'-10"
11	8	18 @ 10'-7"	190'-6"	27 @ 10'-7"	285'-9"	44 @ 10'-7"	465'-8"
11	10	23 @ 10'-7"	243'-5"	33 @ 10'-7"	349'-3"	54 @ 10'-7"	571'-6"
11	11	25 @ 10'-7"	264'-7"	36 @ 10'-7"	381'-0"	59 @ 10'-7"	624'-5"
12	2	6 @ 11'-7"	69'-6"	9 @ 11'-7"	104'-3"	15 @ 11'-7"	173'-9"
12	3	8 @ 11'-7"	92'-8"	12 @ 11'-7"	139'-0"	20 @ 11'-7"	231'-8"
12	4	10 @ 11'-7"	115'-10"	15 @ 11'-7"	173'-9"	25 @ 11'-7"	289'-7"
12	6	15 @ 11'-7"	173'-9"	21 @ 11'-7"	243'-3"	35 @ 11'-7"	405'-5"
12	8	19 @ 11'-7"	220'-1"	27 @ 11'-7"	312'-9"	45 @ 11'-7"	521'-3"
12	10	23 @ 11'-7"	266'-5"	33 @ 11'-7"	382'-3"	55 @ 11'-7"	637'-1"
12	12	27 @ 11'-7"	312'-9"	39 @ 11'-7"	451'-9"	65 @ 11'-7"	752'-11"

PIPE GRATE SCHEDULE FOR PARALLEL BOX CULVERTS

(>2 FT COVER)							
BOX SIZE		SLOPE OF END SECTION					
		1:4		1:6		1:10	
SPAN (FT.)	RISE (FT.)	Pipes No. / Length	Total Length of Pipe	Pipes No. / Length	Total Length of Pipe	Pipes No. / Length	Total Length of Pipe
3	2	5 @ 2'-7"	12'-11"	7 @ 2'-7"	18'-1"	11 @ 2'-7"	28'-5"
3	3	7 @ 2'-7"	18'-1"	10 @ 2'-7"	25'-10"	16 @ 2'-7"	41'-4"
4	2	5 @ 3'-7"	17'-11"	7 @ 3'-7"	25'-1"	12 @ 3'-7"	43'-0"
4	3	7 @ 3'-7"	25'-1"	10 @ 3'-7"	35'-10"	17 @ 3'-7"	60'-11"
4	4	9 @ 3'-7"	32'-3"	13 @ 3'-7"	46'-7"	22 @ 3'-7"	78'-10"
5	2	5 @ 4'-7"	22'-11"	7 @ 4'-7"	32'-1"	12 @ 4'-7"	55'-0"
5	3	7 @ 4'-7"	32'-1"	11 @ 4'-7"	50'-5"	17 @ 4'-7"	77'-11"
5	4	9 @ 4'-7"	41'-3"	14 @ 4'-7"	64'-2"	22 @ 4'-7"	100'-10"
5	5	11 @ 4'-7"	50'-5"	17 @ 4'-7"	77'-11"	27 @ 4'-7"	123'-9"
6	2	5 @ 5'-7"	27'-11"	8 @ 5'-7"	44'-8"	12 @ 5'-7"	67'-0"
6	3	7 @ 5'-7"	39'-1"	11 @ 5'-7"	61'-5"	17 @ 5'-7"	94'-11"
6	4	10 @ 5'-7"	55'-10"	14 @ 5'-7"	78'-2"	23 @ 5'-7"	128'-5"
6	5	12 @ 5'-7"	67'-0"	17 @ 5'-7"	94'-11"	28 @ 5'-7"	156'-4"
6	6	14 @ 5'-7"	78'-2"	20 @ 5'-7"	111'-8"	33 @ 5'-7"	184'-3"

Follow (<2 FT Cover) table for all other sizes

TRAVERSABLE PIPE GRATE FOR PARALLEL DRAINAGE STRUCTURE SHEET 2 OF 5 14.1

USER NAME = Sta42	DESIGNED - SJF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	REGION 2 / DISTRICT 2 STANDARD
PLOT SCALE = 2.0000 ' / in.	CHECKED - SJF	REVISED -	SCALE: N.T.S. ' in. | SHEET 2 OF 5 SHEETS | STA. TO STA.
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	184
		CONTRACT NO. 64L27		
	ILLINOIS | FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

MODEL: Default
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TRAVERSABLE PIPE GRATE FOR PARALLEL DRAINAGE STRUCTURE

PIPE GRATE SCHEDULE FOR PARALLEL PIPE CULVERTS 15" THRU 84" DIA.

Pipe I.D.	SLOPE OF END SECTION					
	1:4		1:6		1:10	
	Pipes No. / Length	Total Length of Pipe	Pipes No. / Length	Total Length of Pipe	Pipes No. / Length	Total Length of Pipe
15"	3 @ 0'-11"	2'-9"	4 @ 0'-11"	3'-8"	6 @ 0'-11"	5'-6"
18"	3 @ 1'-1"	3'-3"	5 @ 1'-1"	5'-5"	7 @ 1'-1"	7'-7"
21"	4 @ 1'-5"	5'-8"	5 @ 1'-5"	7'-1"	9 @ 1'-5"	12'-9"
24"	5 @ 1'-7"	7'-11"	6 @ 1'-7"	9'-6"	10 @ 1'-7"	15'-10"
30"	6 @ 2'-1"	12'-6"	8 @ 2'-1"	16'-8"	13 @ 2'-1"	27'-1"
36"	7 @ 2'-7"	18'-1"	10 @ 2'-7"	25'-10"	15 @ 2'-7"	38'-9"
42"	8 @ 3'-1"	24'-8"	11 @ 3'-1"	33'-11"	18 @ 3'-1"	55'-6"
48"	9 @ 3'-7"	32'-3"	13 @ 3'-7"	46'-7"	21 @ 3'-7"	75'-3"
54"	10 @ 4'-1"	40'-10"	14 @ 4'-1"	57'-2"	23 @ 4'-1"	93'-11"
60"	11 @ 4'-7"	50'-5"	15 @ 4'-7"	68'-9"	25 @ 4'-7"	114'-7"
66"	12 @ 5'-1"	61'-0"	17 @ 5'-1"	86'-5"	28 @ 5'-1"	142'-4"
72"	13 @ 5'-7"	72'-7"	18 @ 5'-7"	100'-6"	30 @ 5'-7"	167'-6"
78"	14 @ 6'-1"	85'-2"	20 @ 6'-1"	121'-8"	33 @ 6'-1"	200'-9"
84"	15 @ 6'-7"	98'-9"	21 @ 6'-7"	138'-3"	35 @ 6'-7"	230'-5"

MODEL: Default
FILE NAME: P:\Civil_IDOT_DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 (eng 3117091)\CAD Sheets\02642 27-sht-02 Standards_full_size.dgn

USER NAME = Sta42	DESIGNED - SJF	REVISED -	
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: N.T.S. ' in. | SHEET 3 OF 5 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	185
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

TRAVERSABLE PIPE GRATE FOR PARALLEL DRAINAGE STRUCTURE

PIPE GRATE SCHEDULE FOR PARALLEL PIPE ARCH CULVERTS 15" THRU 84" DIA.

Pipe I.D.	SLOPE OF END SECTION					
	Table IIA, Corrugation : 2⅔" x ½"					
	1:4		1:6		1:10	
	Pipes No. / Length	Total Length of Pipe	Pipes No. / Length	Total Length of Pipe	Pipes No. / Length	Total Length of Pipe
15"	2 @ 1'-1"	2'-2"	3 @ 1'-1"	3'-3"	5 @ 1'-1"	5'-5"
18"	3 @ 1'-5"	4'-3"	4 @ 1'-5"	5'-8"	6 @ 1-5"	8'-6"
21"	3 @ 1'-7"	4'-9"	5 @ 1'-7"	7'-11"	7 @ 1'-7"	11'-1"
24"	4 @ 1'-11"	7'-8"	5 @ 1'-11"	9'-7"	8 @ 1'-11"	15'-4"
30"	4 @ 2'-7"	10'-4"	6 @ 2'-7"	15'-6"	10 @ 2'-7"	25'-10"
36"	5 @ 3'-1"	15'-5"	7 @ 3'-1"	21'-7"	12 @ 3'-1"	37'-0"
42"	6 @ 3'-9"	22'-6"	9 @ 3'-9"	33'-9"	14 @ 3'-9"	52'-6"
48"	7 @ 4'-5"	30'-11"	10 @ 4'-5"	44'-2"	16 @ 4'-5"	70'-8"
54"	8 @ 4'-11"	39'-4"	11 @ 4'-11"	54'-1"	18 @ 4'-11"	88'-6"
60"	8 @ 5'-7"	44'-8"	12 @ 5'-7"	67'-0"	20 @ 5'-7"	111'-8"
66"	9 @ 6'-1"	54'-9"	13 @ 6'-1"	79'-1"	22 @ 6'-1"	133'-10"
72"	10 @ 6'-7"	65'-10"	15 @ 6'-7"	98'-9"	24 @ 6'-7"	158'-0"
78"	-	-	-	-	-	-
84"	-	-	-	-	-	-

PIPE GRATE SCHEDULE FOR PARALLEL PIPE ARCH CULVERTS 15" THRU 84" DIA.

Pipe I.D.	SLOPE OF END SECTION					
	Table IIA, Corrugation : 3" x 1"					
	1:4		1:6		1:10	
	Pipes No. / Length	Total Length of Pipe	Pipes No. / Length	Total Length of Pipe	Pipes No. / Length	Total Length of Pipe
15"	-	-	-	-	-	-
18"	-	-	-	-	-	-
21"	-	-	-	-	-	-
24"	-	-	-	-	-	-
30"	-	-	-	-	-	-
36"	6 @ 2'-11"	17'-6"	8 @ 2'-11"	23'-4"	13 @ 2'-11"	37'-11"
42"	7 @ 3'-5"	23'-11"	10 @ 3'-5"	34'-2"	15 @ 3'-5"	51'-3"
48"	8 @ 4'-1"	32'-8"	11 @ 4'-1"	44'-11"	18 @ 4'-1"	73'-6"
54"	9 @ 4'-7"	41'-3"	12 @ 4'-7"	55'-0"	20 @ 4'-7"	91'-10"
60"	9 @ 5'-1"	45'-9"	14 @ 5'-1"	71'-2"	22 @ 5'-1"	111'-10"
66"	10 @ 5'-9"	57'-6"	15 @ 5'-9"	86'-3"	24 @ 5'-9"	138'-0"
72"	11 @ 6'-5"	70'-7"	16 @ 6'-5"	102'-8"	26 @ 6'-5"	166'-10"
78"	12 @ 6'-11"	83'-0"	17 @ 6'-11"	117'-7"	28 @ 6'-11"	193'-8"
84"	12 @ 7'-7"	91'-0"	18 @ 7'-7"	136'-6"	30 @ 7'-7"	227'-6"

USER NAME = Sta42	DESIGNED - SJF	REVISED -	**STATE OF ILLINOIS**
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	**DEPARTMENT OF TRANSPORTATION**
PLOT SCALE = 2.0000 ' / in.	CHECKED - SJF	REVISED -	**REGION 2 / DISTRICT 2 STANDARD**
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	SCALE: N.T.S. ' in. | SHEET 4 OF 5 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	186
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

MODEL: Default
FILE NAME: P:\Civil_IDOT_DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Lena 3117091\CAD Sheets\02684.27-sht-HDP Standards full_size.dgn

TRAVERSABLE PIPE GRATE FOR PARALLEL DRAINAGE STRUCTURE

PIPE GRATE SCHEDULE FOR PARALLEL ELLIPTICAL PIPE CULVERTS 15" THRU 72" DIA.

Pipe I.D.	SLOPE OF END SECTION					
	1:4		1:6		1:10	
	Pipes No. / Length	Total Length of Pipe	Pipes No. / Length	Total Length of Pipe	Pipes No. / Length	Total Length of Pipe
15"	3 @ 2'-7"	7'-9"	5 @ 2'-7"	12'-11"	7 @ 2'-7"	18'-1"
18"	3 @ 2'-7"	7'-9"	5 @ 2'-7"	12'-11"	7 @ 2'-7"	18'-1"
21"	5 @ 3'-3"	16'-3"	7 @ 3'-3"	22'-9"	12 @ 3'-3"	39'-0"
24"	5 @ 3'-3"	16'-3"	7 @ 3'-3"	22'-9"	12 @ 3'-3"	39'-0"
27"	6 @ 3'-7"	21'-6"	8 @ 3'-7"	28'-8"	13 @ 3'-7"	46'-7"
30"	6 @ 3'-11"	23'-6"	9 @ 3'-11"	35'-3"	14 @ 3'-11"	54'-10"
36"	7 @ 4'-7"	32'-1"	10 @ 4'-7"	45'-10"	16 @ 4'-7"	73'-4"
42"	8 @ 5'-5"	43'-4"	11 @ 5'-5"	59'-7"	18 @ 5'-5"	97'-6"
48"	9 @ 6'-1"	54'-9"	13 @ 6'-1"	79'-1"	20 @ 6'-1"	121'-8"
54"	10 @ 6'-9"	67'-6"	14 @ 6'-9"	94'-6"	23 @ 6'-9"	155'-3"
60"	11 @ 7'-7"	83'-5"	15 @ 7'-7"	113'-9"	25 @ 7'-7"	189'-7"
66"	11 @ 8'-3"	90'-9"	17 @ 8'-3"	140'-3"	27 @ 8'-3"	222'-9"
72"	12 @ 8'-11"	107'-0"	18 @ 8'-11"	160'-6"	30 @ 8'-11"	267'-6"

MODEL: Default
FILE NAME: P:\Civil_IDOT_DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Lena_3117091\CAD Sheets\D2641L27-sht-D2_Standards_full_sht.dgn

USER NAME = Sta42	DESIGNED - SJF	REVISED -	
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

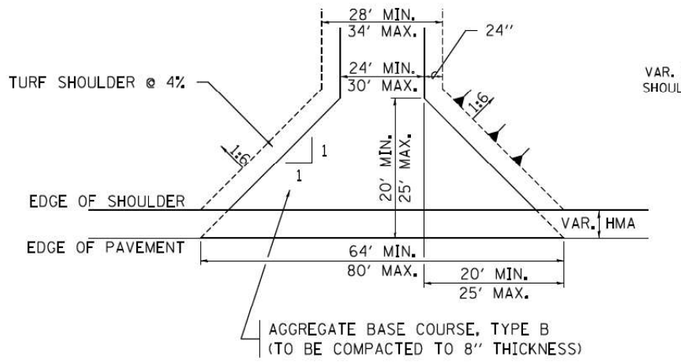
REGION 2 / DISTRICT 2 STANDARD

SCALE: N.T.S. ' in. | SHEET 5 OF 5 SHEETS | STA. | TO STA.

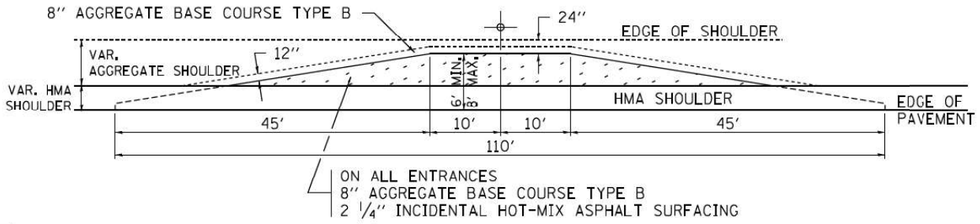
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	187
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

HOT–MIX ASPHALT APPROACHES AND MAILBOX RETURNS



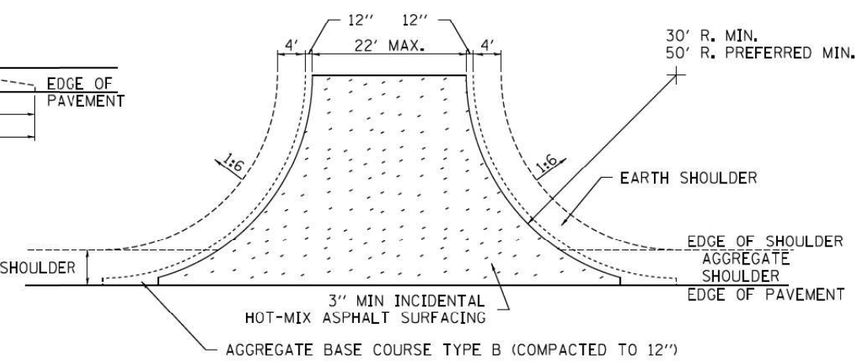
FIELD ENTRANCE



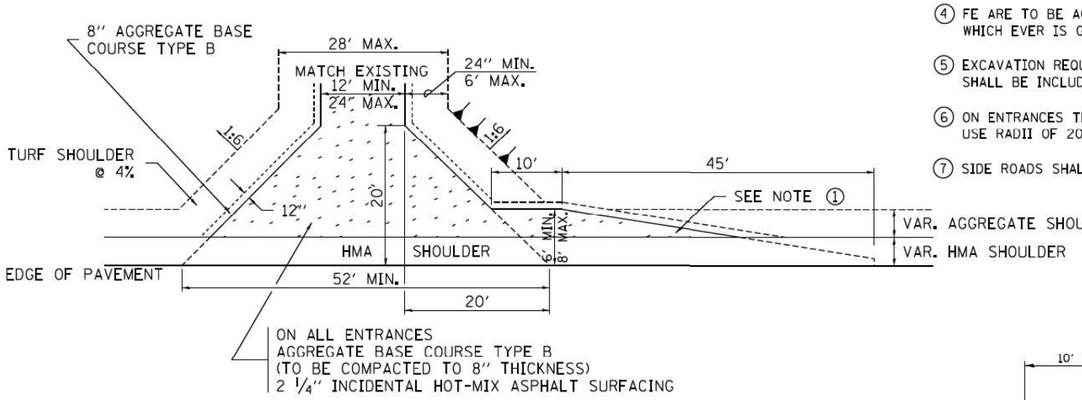
MAILBOX TURNOUT

NOTE

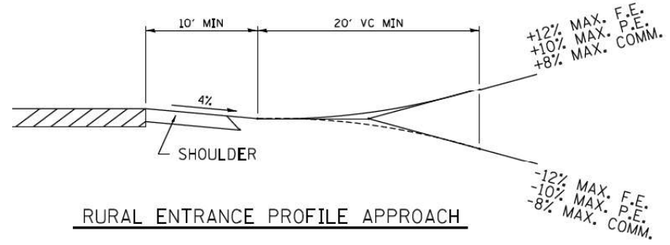
1. TURNOUTS ARE TO BE CONSTRUCTED ON THE APPROACH SIDE OF ALL PE & CE REGARDLESS IF A MAILBOX IS PRESENT.
2. ALL PE & CE ARE TO BE SURFACED TO RIGHT OF WAY LINE. AREA BEHIND RIGHT OF WAY SHALL MATCH EXISTING SURFACE.
3. ALL PE & CE TO BE CONSTRUCTED WITH AN 8" AGGREGATE BASE COURSE, TYPE B AND WITH A 2 1/4" INCIDENTAL HOT-MIX ASPHALT SURFACING, UNLESS OTHERWISE NOTED.
4. FE ARE TO BE AGGREGATE TO RIGHT OF WAY OR TOUCH DOWN, WHICH EVER IS GREATEST.
5. EXCAVATION REQUIRED FOR PLACEMENT OF AGGREGATE BASE COURSE SHALL BE INCLUDED IN THE COST OF THE AGGREGATE BASE COURSE.
6. ON ENTRANCES THE CONTRACTOR HAS THE OPTION OF USING RADIUS RETURNS. USE RADII OF 20' TO 60'.
7. SIDE ROADS SHALL HAVE 3" INCIDENTAL PLACED IN TWO 1½" LIFTS.



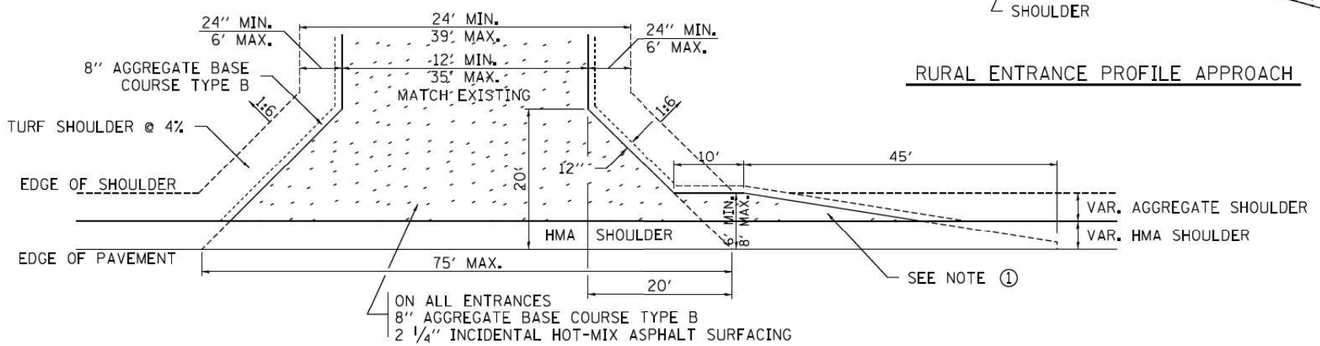
SIDE ROAD RETURN/EARTH SHOULDER



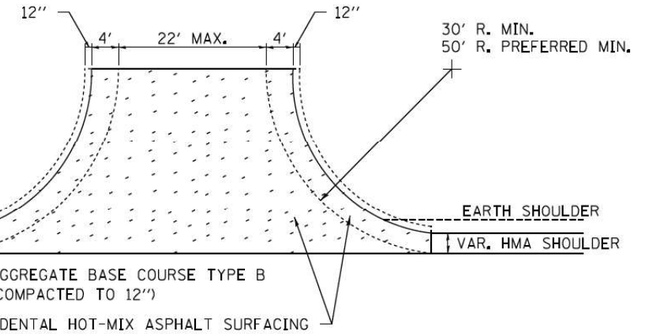
PRIVATE ENTRANCE



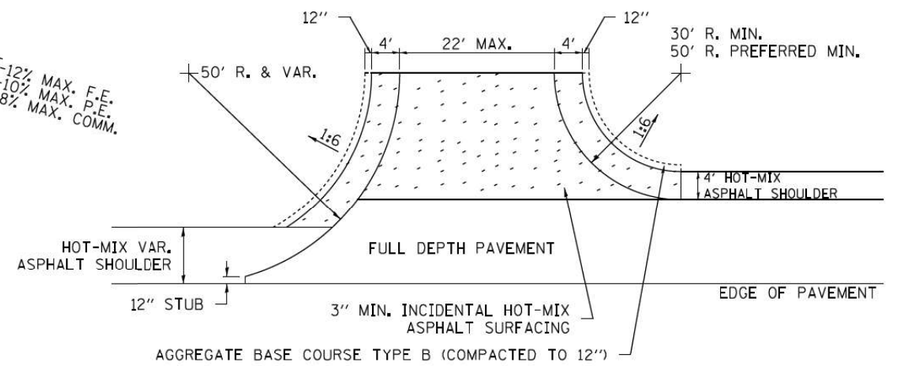
RURAL ENTRANCE PROFILE APPROACH



COMMERCIAL ENTRANCE



SIDE ROAD RETURN/HMA SHOULDER



SIDE ROAD RETURN WITH RIGHT TURN LANE

HOT–MIX ASPHALT APPROACHES AND MAILBOX RETURNS 20.1

USER NAME = Sta42	DESIGNED - SJF	REVISED -	
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: N.T.S. / in. | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	188
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

MODEL: Default
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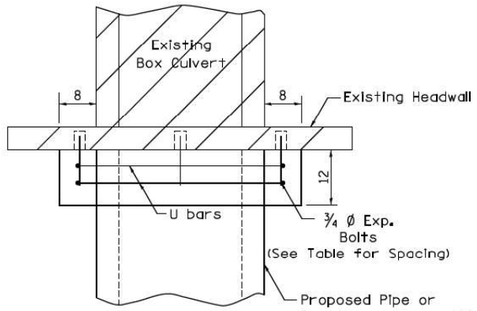
CONCRETE COLLARS FOR PIPE OR BOX CULVERT EXTENSIONS

Bill of Materials

h bar	U bar dimensions				U_1 bar dimensions				REINF. BARS	EXPANSION BOLTS ¾"	CONCRETE COLLAR
Quantity	X	Y	Length	Quantity	X	Z	Length	Quantity	LBS	EACH	Cu. Yds.
STATION											
286+45		3'-8"	2'-2"	8'-0"	4				22	4	0.6
306+87		4'-8"	2'-2"	9'-0"	4				24	6	0.8
								Total	46	10	1.4

All h bars 18 Long



PLAN OF CULVERT WITH STRAIGHT HEADWALL

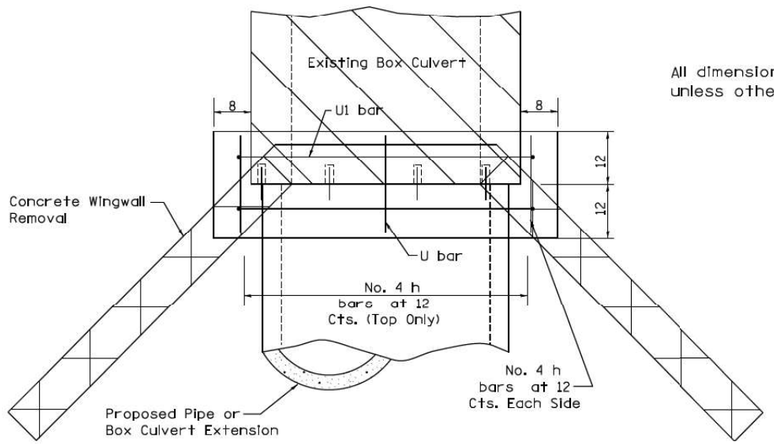
General Notes

Concrete Collars shall be constructed of Class SI Concrete in accordance with Section 503 of the Standard Specifications

Reinforcement bars shall conform to Section 508 of the Standard Specifications.

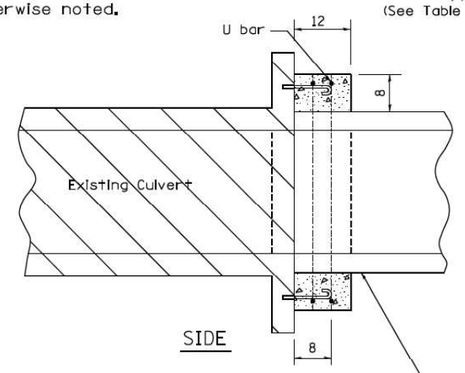
Expansion bolts shall be 3/4 Ø hooked bolts and shall conform to Section 540 of the Standard Specifications.

The concrete will be paid for at the contract unit price per cubic yard for CONCRETE COLLAR. Reinforcement will be paid for at the contract unit price per pound for REINFORCEMENT BARS. Expansion Bolts, when required, will be paid for at the contract unit price each for EXPANSION BOLTS ¾ inch, which price shall include furnishing, drilling holes, and installing the expansion bolts complete in place. These bolts shall extend at least 9 inches into the new concrete.

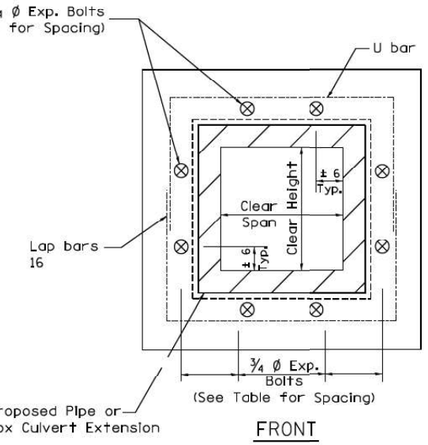


PLAN OF CULVERT WITH ANGLED WING WALLS

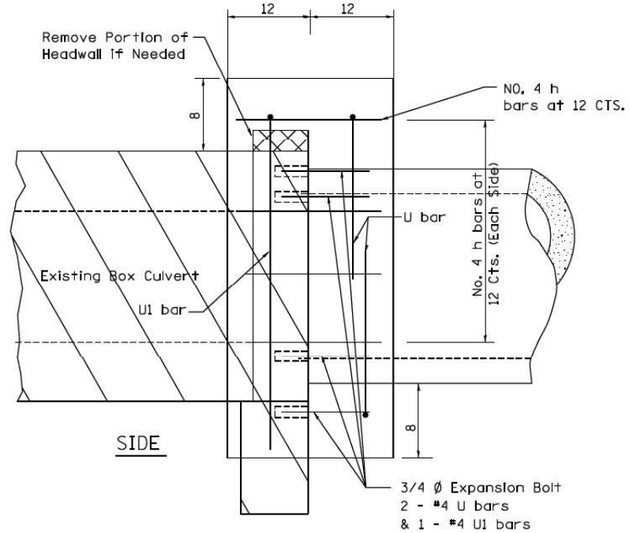
All dimensions are in inches unless otherwise noted.



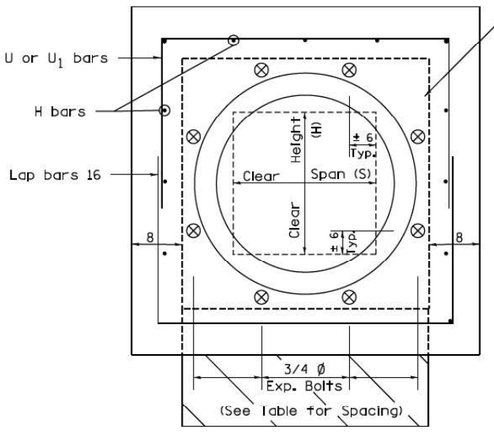
SIDE



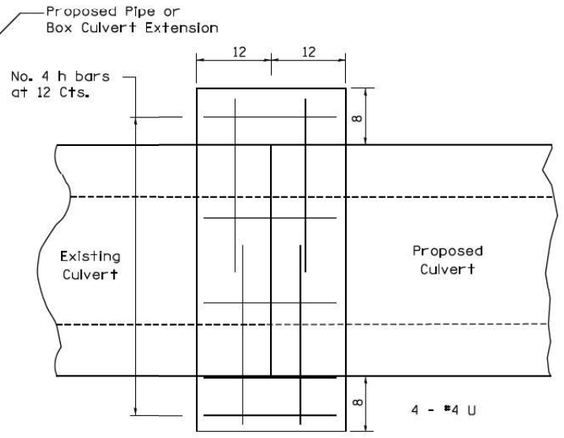
FRONT



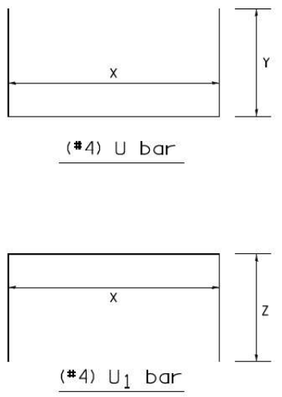
SIDE



FRONT



CULVERT CONNECTION WITHOUT EXISTING HEADWALL



PLACEMENT DETAILS FOR EXPANSION BOLTS

H or S	NUMBER OF EXPANSION BOLTS REQUIRED PER SIDE			
	EXTENSIONS < 15'		EXTENSIONS > 15'	
	NUMBER *	SPACING	NUMBER *	SPACING
24	**	**	**	**
30	2	18	2	18
36	2	24	2	24
48	3	18	3	18
60	4	16	3	24
72	5	15	4	20
84	5	18	4	24
96	6	17	5	21
108	6	19	5	24
120	7	18	6	21
132	8	17	6	24
144	8	19	7	22

* Expansion bolts based on non-skewed culverts
** Minimum one expansion bolt at each corner

Example:
6' x 4' box culvert to be extended 18' at one end only.

From table find
6' side requires 4 - ¾" Ø expansion bolts at 20" cts.
4' side requires 3 - ¾" Ø expansion bolts at 18" cts.

Total Number required
(4+3)2 = 14 - ¾" Ø expansion bolts.

CONCRETE COLLARS FOR PIPE OR BOX CULVERT EXTENSIONS 33.1

USER NAME = Sta42	DESIGNED - SJF	REVISED -	
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: N.T.S. in. | SHEET 1 OF 1 SHEETS | STA. | TO STA.

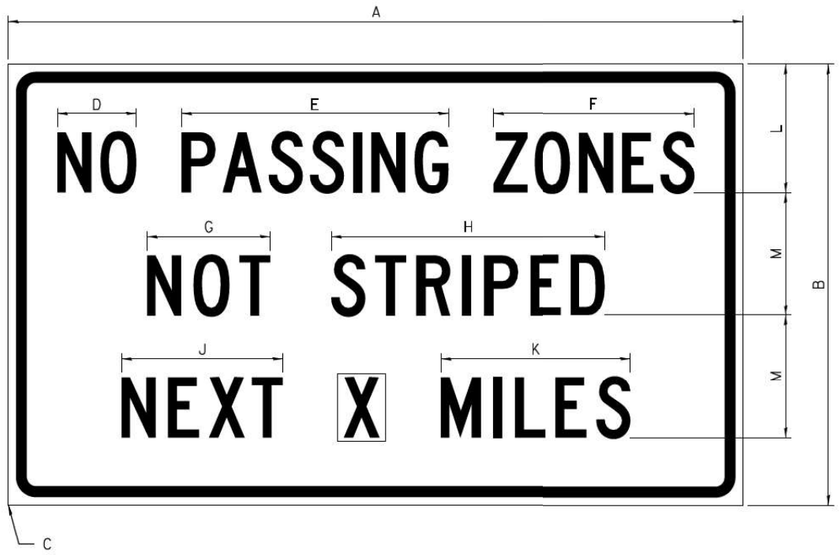
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	189
		CONTRACT NO. 64L27		
ILLINOIS	FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

MODEL: Default
FILE NAME: P:\Civil_IDOT DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Leno 3117091\CAD Sheets\02684.27-sht-i02 Standards full size.dgn

WORK ZONE SIGN DETAILS

ILLINOIS STANDARD G20–I100



COLOR LEGEND AND BORDER BLACK NON-REFLECTORIZED
BACKGROUND ORANGE REFLECTORIZED

SIGN SIZE	DIMENSIONS											
	A	B	C	D	E	F	G	H	J	K	L	M
60 x 36	60.00	36.00	2.25	6.4	21.80	16.40	10.00	22.40	13.20	15.50	10.50	10.00

SIGN SIZE	SERIES BY LINE			MARGIN	BORDER
	1	2	3		
60 x 36	5C	5C	5C	0.625	0.875

Sign not to scale

GENERAL NOTES

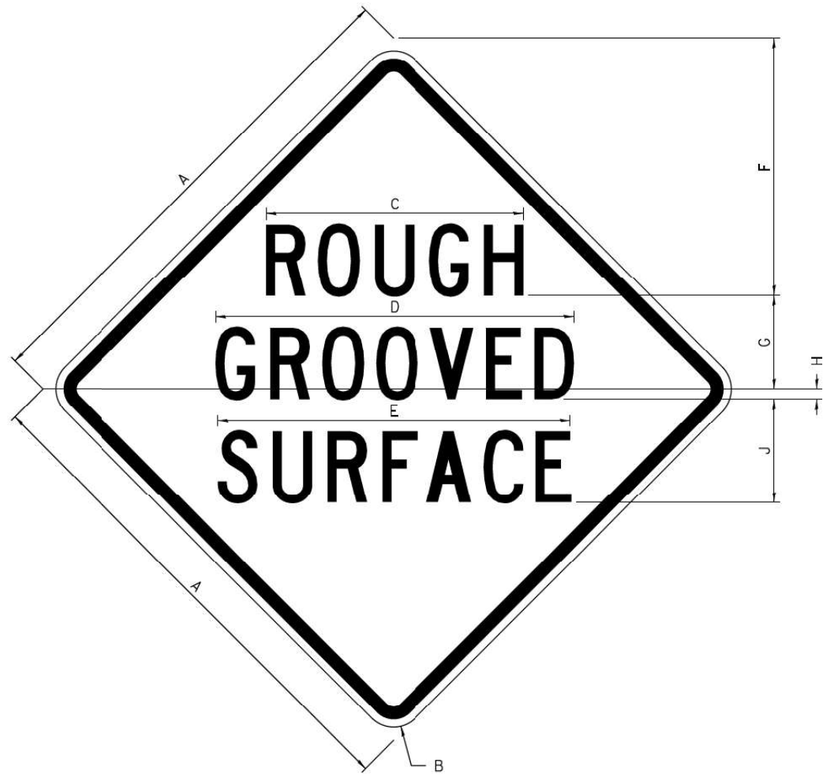
All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

ILLINOIS STANDARD W8–I107



COLOR LEGEND AND BORDER BLACK NON-REFLECTORIZED
BACKGROUND ORANGE REFLECTORIZED

SIGN SIZE	DIMENSIONS								
	A	B	C	D	E	F	G	H	J
48 x 48	48.00	3.00	25.00	34.80	34.20	24.94	9.00	1.00	10.00

SIGN SIZE	SERIES BY LINE			MARGIN	BORDER
	1	2	3		
48 x 48	7C	7C	7C	1.250	0.750

Sign not to scale

WORK ZONE SIGN DETAILS SHEET 1 OF 4 34.1

USER NAME = Sta42	DESIGNED - SJF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

REGION 2 / DISTRICT 2 STANDARD

SCALE: N.T.S. / in. | SHEET 1 OF 4 SHEETS | STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	190
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

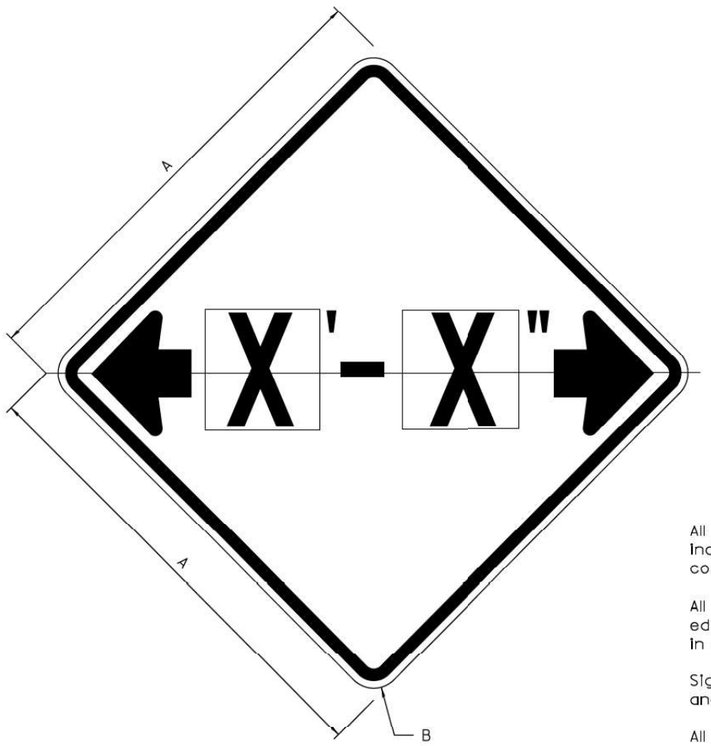
* FAP 301, FAP 654, FAS 1087

MODEL: Default
FILE NAME: P:\Civil\IDOT DIST2\IDOT 2 PPB 182-11 US 20 at IL 73 Lena 3117091\CAD Sheets\02684.27-sht-02- Standards full site.dgn

WORK ZONE SIGN DETAILS

ILLINOIS STANDARD W12–I102

(1)



COLOR LEGEND AND BORDER BLACK NON-REFLECTORIZED
BACKGROUND FL ORANGE REFLECTORIZED

SIGN SIZE	DIMENSIONS	
	A	B
48 x 48	48.00	3.00

(1) Illinois Standard signs W12-I102 and W12-I103 shall be used as described in the special provisions.

SIGN SIZE	SERIES BY LINE	MARGIN	BORDER
	1		
48 x 48	12C	0.750	1.250

Sign not to scale

GENERAL NOTES

All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

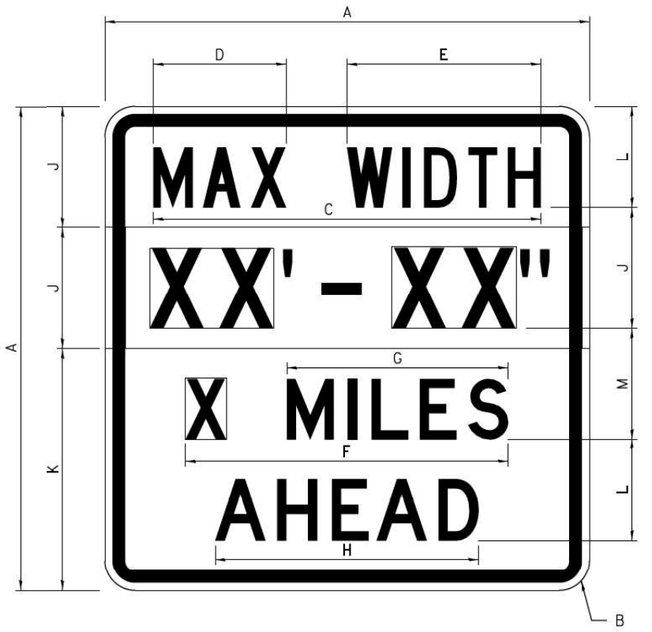
All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

ILLINOIS STANDARD W12–I103

(1)



COLOR LEGEND AND BORDER BLACK NON-REFLECTORIZED
BACKGROUND WHITE REFLECTORIZED
BACKGROUND (WIDTH) FL ORANGE REFLECTORIZED

SIGN SIZE	DIMENSIONS											
	A	B	C	D	E	F	G	H	J	K	L	M
48 x 48	48.00	3.00	38.40	13.20	19.20	32.00	22.00	26.20	12.00	24.00	10.00	11.00

SIGN SIZE	SERIES BY LINE				MARGIN	BORDER
	1	2	3	4		
48 x 48	6C	8D	6D	6D	0.750	1.250

Sign not to scale

XX'-XX" WIDTH AND X MILES ARE VARIABLE
TOP AND BOTTOM OF BACKGROUND WHITE

WORK ZONE SIGN DETAILS SHEET 2 OF 4 34.1

USER NAME = Sta42	DESIGNED - SJF	REVISED -
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: N.T.S. / in. | SHEET 2 OF 4 SHEETS | STA. | TO STA.

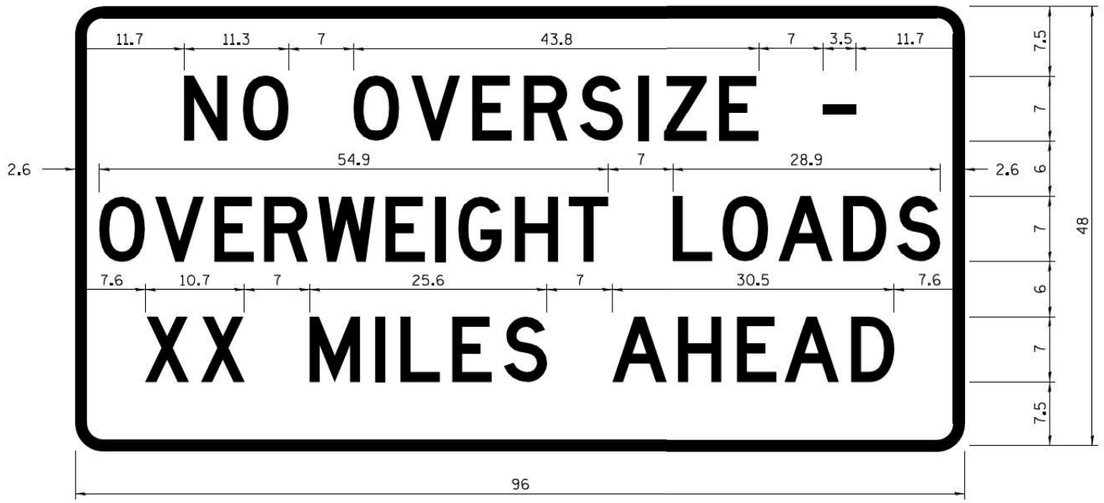
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	191
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087

MODEL: Default
FILE NAME: P:\Civil_IDOT_DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Lena_3117091\CAD Sheets\D2641227-sht-I07 Standards full size.dgn

WORK ZONE SIGN DETAILS

ROAD CLOSED TO OVERSIZED LOADS



COLOR LEGEND AND BORDER BLACK NON-REFLECTORIZED
BACKGROUND ORANGE REFLECTORIZED

Permit Loads - Loads Over 13 Feet; 3.0" Radius, 1.3" Border;
[NO OVERSIZE -] D; [OVERWEIGHT LOADS] D 85% spacing; [XX MILES AHEAD] D;
Table of letter and object lefts.

N	O	O	V	E	R	S	I	Z	E	-
11.7	18.1	30.0	36.2	42.8	48.4	54.4	60.7	63.5	69.5	80.8

O	V	E	R	W	E	I	G	H	T	L	O	A	D	S
2.6	8.6	15.0	20.4	26.2	33.4	38.8	41.3	47.4	53.2	64.5	69.9	75.9	82.9	88.7

X	X	M	I	L	E	S	A	H	E	A	D	
7.6	13.6	25.3	32.3	35.1	40.6	46.2	57.9	65.1	71.4	76.6	83.7	

Sign not to scale

STOP LINE SIGN FOR TEMPORARY SIGNALS

COLOR LEGEND AND BORDER BLACK NON-REFLECTORIZED
BACKGROUND WHITE REFLECTORIZED

SIGN SIZE	SERIES BY LINE		
	1	2	3
24 x 24	4C	4C	4C

Sign not to scale

GENERAL NOTES

All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

WORK ZONE SIGN DETAILS SHEET 3 OF 4 34.1

USER NAME = Sta42	DESIGNED - SJF	REVISED -
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: N.T.S. / in. | SHEET 3 OF 4 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	192
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

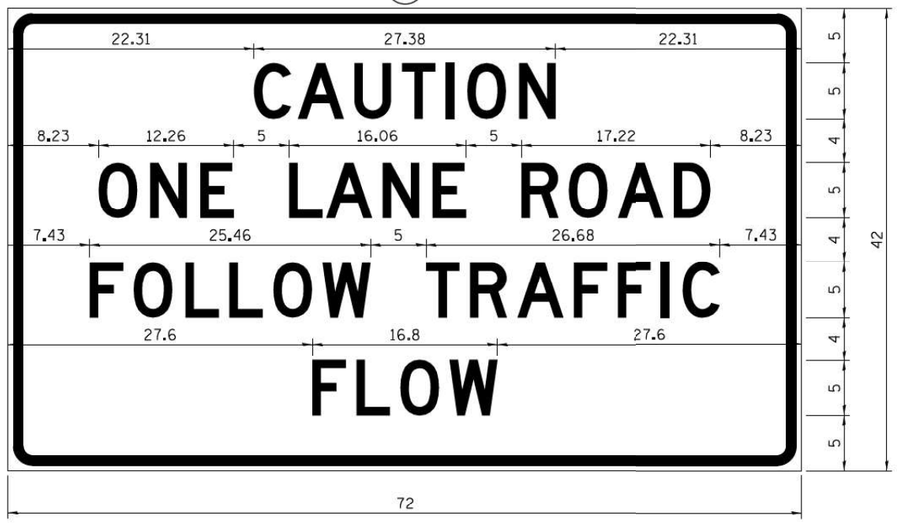
* FAP 301, FAP 654, FAS 1087

MODEL: Default
FILE NAME: P:\Civil\IDOT\DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Lena 3117091\CAD Sheets\02641-27-sht-02 Standards full size.dgn

WORK ZONE SIGN DETAILS

ENTRANCE SIGN FOR USE WITH TEMPORARY SIGNALS

(2)



COLOR		
	LEGEND AND BORDER	BLACK
	BACKGROUND	ORANGE

NON-REFLECTORIZED
REFLECTORIZED

2.25" Radius, 0.88" Border, 0.50" IndenT;
[CAUTION] D; [ONE LANE ROAD] D;
[FOLLOW TRAFFIC] D; [FLOW] D

(2) This sign shall be installed at entrances located between the temporary signals as shown in the staging plans.

Table Of Widths And Spaces

22.31	C 3.36	0.62	A 4.18	0.94	U 3.36	0.94	T 3.04	0.94	I 0.78	1.17	O 3.52	1.17	N 3.36	22.31

8.23	O 3.51	1.17	N 3.36	1.18	E 3.04	

5.00	L 3.05	0.31	A 4.18	0.94	N 3.36	1.17	E 3.05

5.00	R 3.36	0.93	O 3.52	0.94	A 4.18	0.93	D 3.36	8.23

7.43	F 3.04	0.94	O 3.52	1.17	L 3.04	0.94	L 3.05	0.94	O 3.51	0.94	W 4.37

5.00	T 3.05	0.94	R 3.36	0.94	A 4.18	0.93	F 3.05	0.94	F 3.04	0.94	I 0.78	1.18	C 3.35	7.43

27.60	F 3.05	0.94	L 3.04	0.94	O 3.52	0.93	W 4.38	27.60

Sign not to scale

GENERAL NOTES

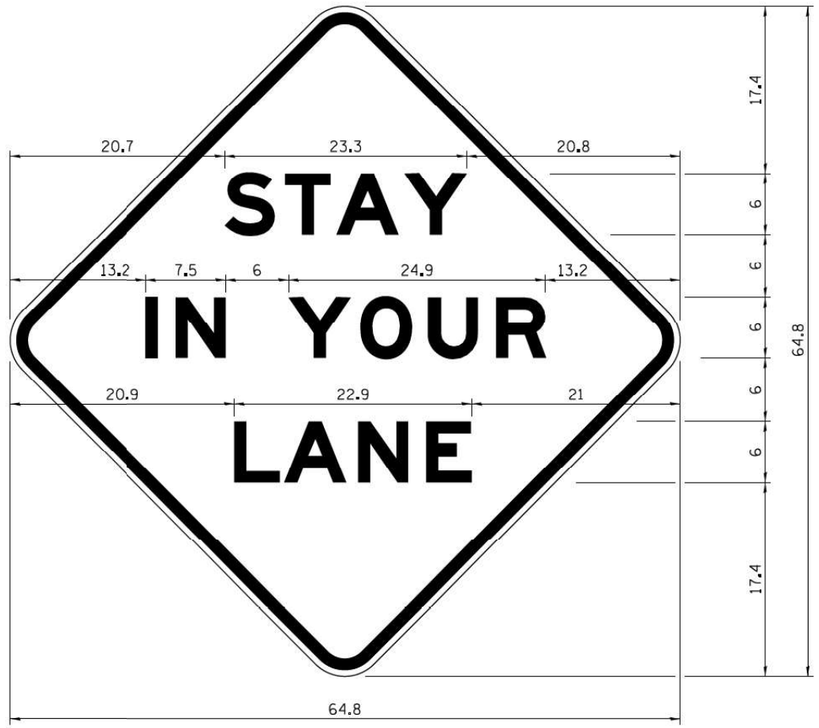
All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

STAY IN YOUR LANE



COLOR		
	LEGEND AND BORDER	BLACK
	BACKGROUND	ORANGE

NON-REFLECTORIZED
REFLECTORIZED

48.0" across sides 3.8" Radius, 1.0" Border, 0.6" Indent;
"STAY" E Mod; "IN YOUR" E Mod; "LANE" E Mod;

Table of Letter and Object Lefts

S 20.7	T 26.8	A 31.6	Y 38.0

I 13.2	N 15.9	Y 26.7	O 33.9	U 40.5	R 46.8

L 20.9	A 25.8	N 33.1	E 39.4

Sign not to scale

WORK ZONE SIGN DETAILS SHEET 4 OF 4 34.1

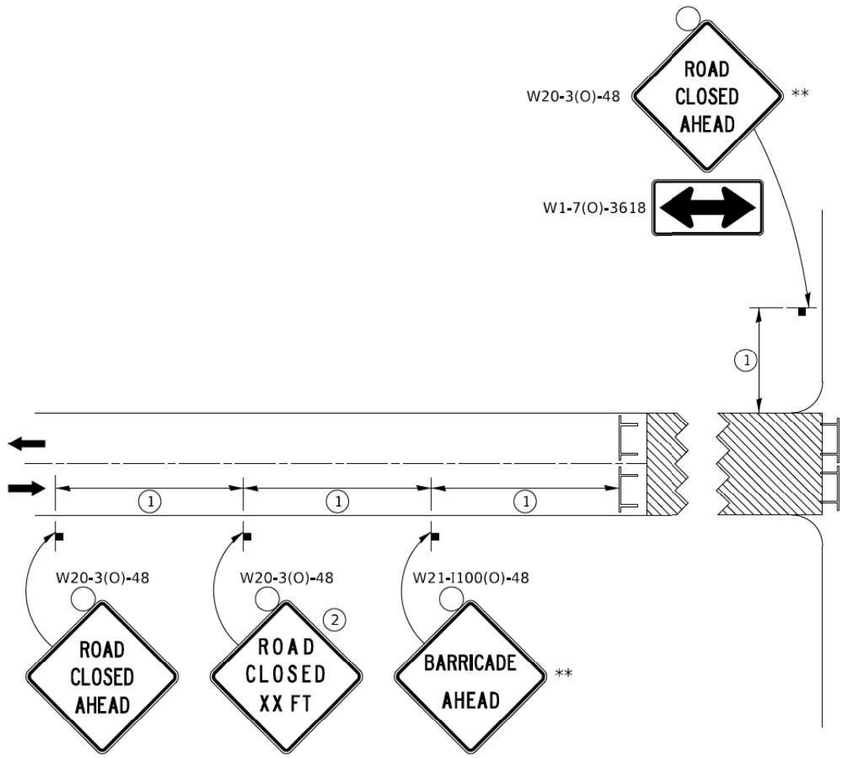
USER NAME = Sta42	DESIGNED - SJF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -		
PLOT SCALE = 2.0000 ' / in.	CHECKED - SJF	REVISED -		SCALE: N.T.S. in. SHEET 4 OF 4 SHEETS STA. TO STA.
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -		

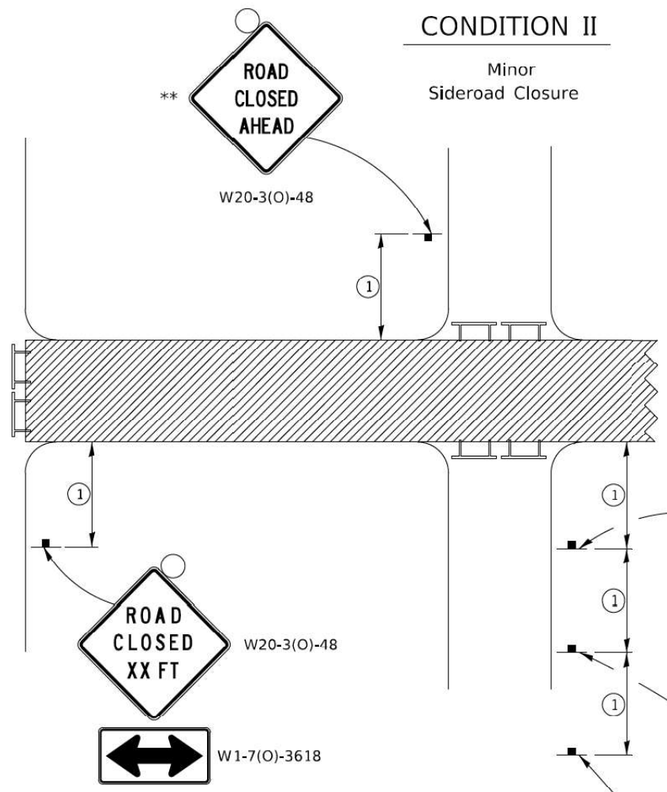
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	193
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

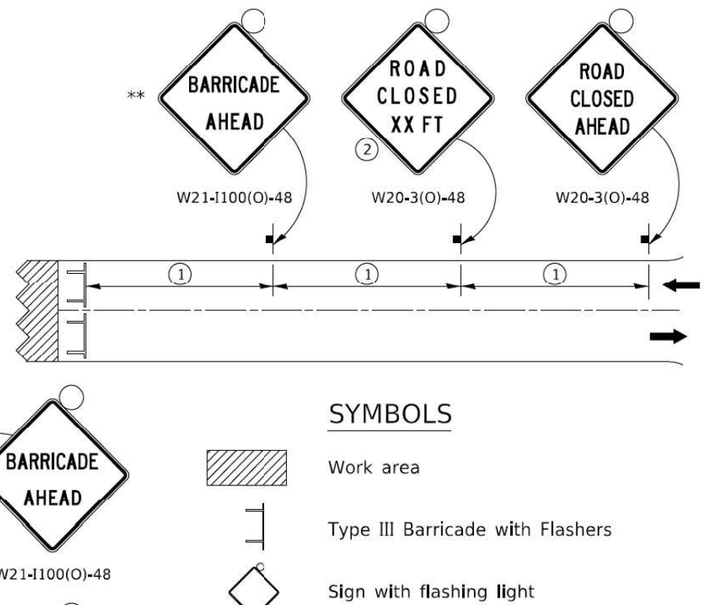
* FAP 301, FAP 654, FAS 1087

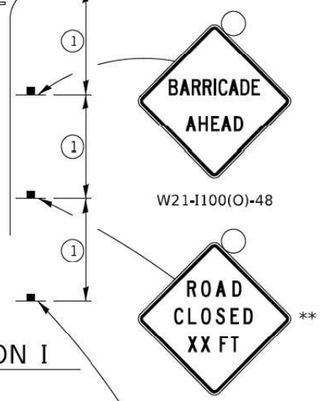
MODEL: Default
FILE NAME: P:\Civil\IDOT DIST2\IDOT 2 PPB 182-11 US 20 at IL 73 Lena 3117091\CAD Sheets\02842-27-sht-02 Standards full size.dgn

TRAFFIC CONTROL FOR ROAD CLOSURE









CONDITION I

Major
Sideroad Closure

SYMBOLS

- Work area
- Type III Barricade with Flashers
- Sign with flashing light

GENERAL NOTES

Longitudinal dimensions may be adjusted to fit field conditions.

Side roads requiring all three signs as shown in CONDITION I (Major Sideroad Closure), shall be listed in the special provision.

** Where local access is to be maintained, barricades are to be set up as shown in "Road Closed To Thru Traffic". Type III Barricades and R11-2-4830 signs shall be as shown in "Road Closed To All Traffic" detail on Highway Standard 701901.

All dimensions are in inches unless otherwise shown.

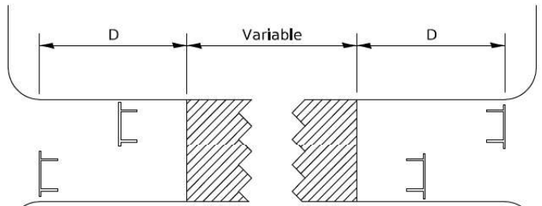
(1)

SIGN SPACING TABLE	
Posted Speed	Sign Spacing
45 MPH and above	500'
Below 45 MPH	250'

(2)

SIGN LEGEND	
Posted Speed Limit	Distance
45 MPH and above	1000'
Below 45 MPH	500'

ROAD CLOSED TO THRU TRAFFIC BARRICADE SET UP



Type III Barricades and R11-4-4830 signs shall be as shown in "Road Closed To Thru Traffic" detail on Highway Standard 701901. If the distance "D" exceeds 2000' an additional set of barricades and R11-4-4830 shall be placed at each end of the work area.

TYPICAL APPLICATION FOR ROAD CLOSURE

TRAFFIC CONTROL FOR ROAD CLOSURE 40.1

USER NAME = Sta42	DESIGNED - SJF	REVISED -	
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: N.T.S. / in. | SHEET 1 OF 1 SHEETS | STA. TO STA.

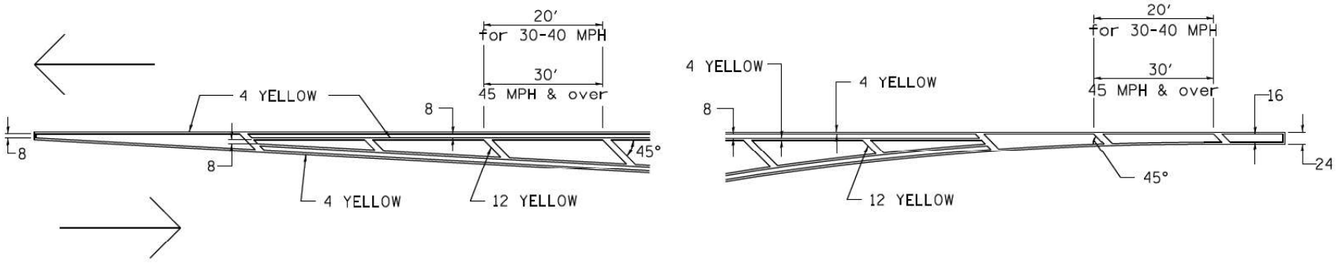
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	194
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

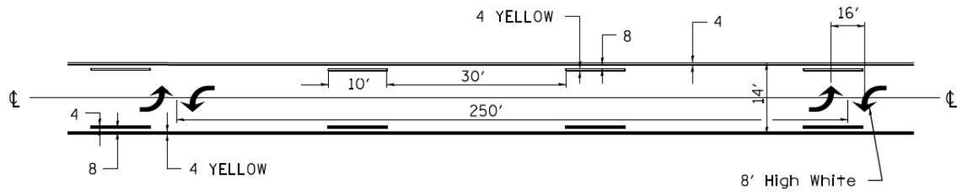
MODEL: Default
FILE NAME: P:\Civil\ IDOT DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Leng 3117091\CAD Sheets\02684-27-sht-02 Standards full size.dgn

TYPICAL PAVEMENT MARKINGS

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

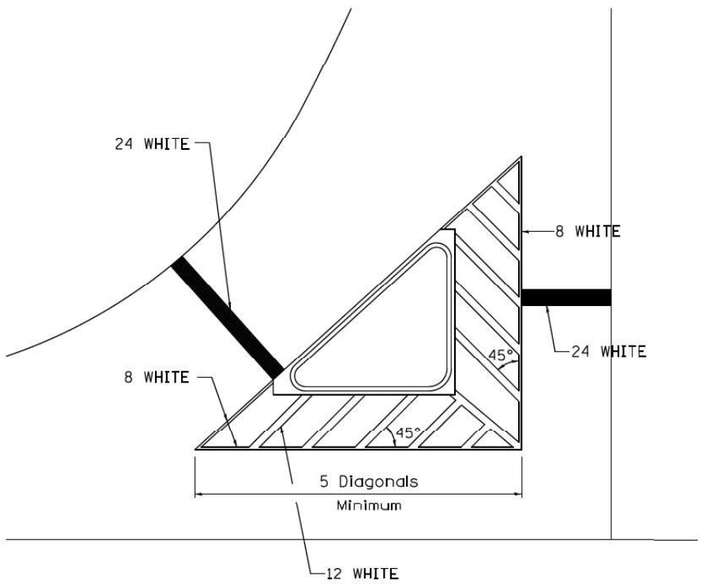


MEDIAN PAVEMENT MARKING

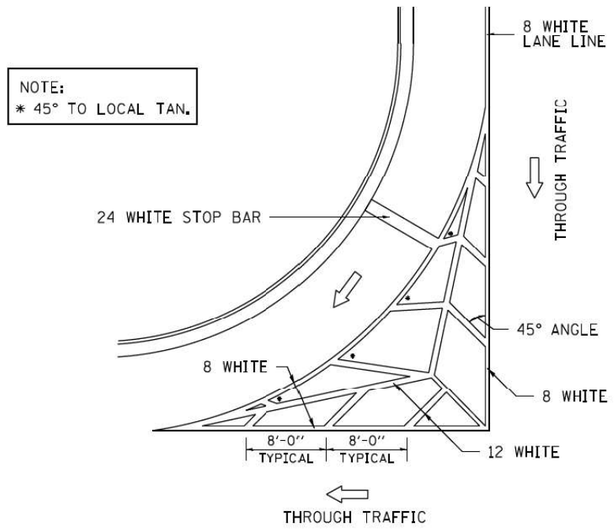


** ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

TYPICAL ISLAND OFFSET SHOULDER WIDTH

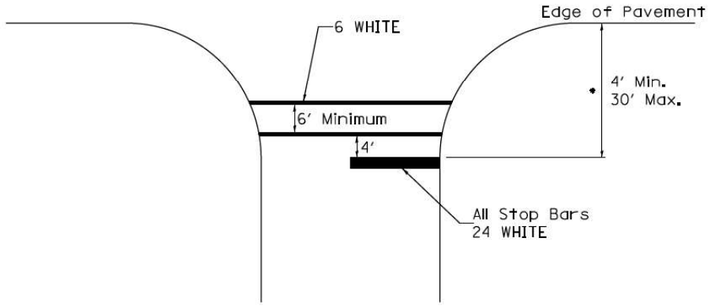


TYPICAL MARKING FOR PAINTED ISLANDS



STANDARD CROSSWALK MARKING

See Schedules for Locations



• Distance to the nearest edge of the intersecting roadway in the absence of a marked crosswalk.

TYPICAL PAVEMENT MARKINGS SHEET 1 OF 3 41.1

USER NAME = Sta42	DESIGNED - SJF	REVISED -
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: N.T.S. / in. | SHEET 1 OF 3 SHEETS | STA. | TO STA.

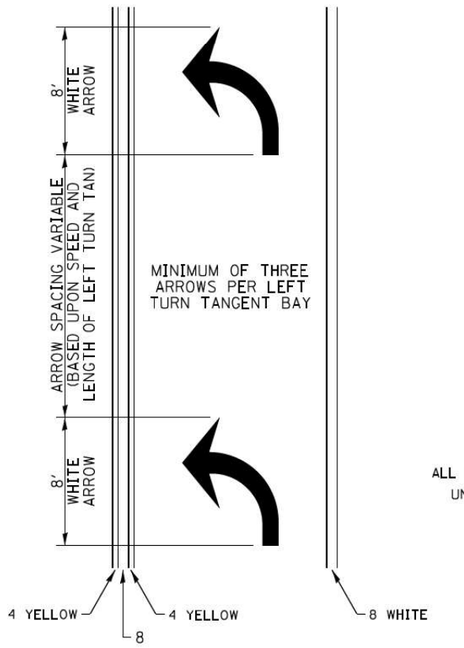
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	195
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

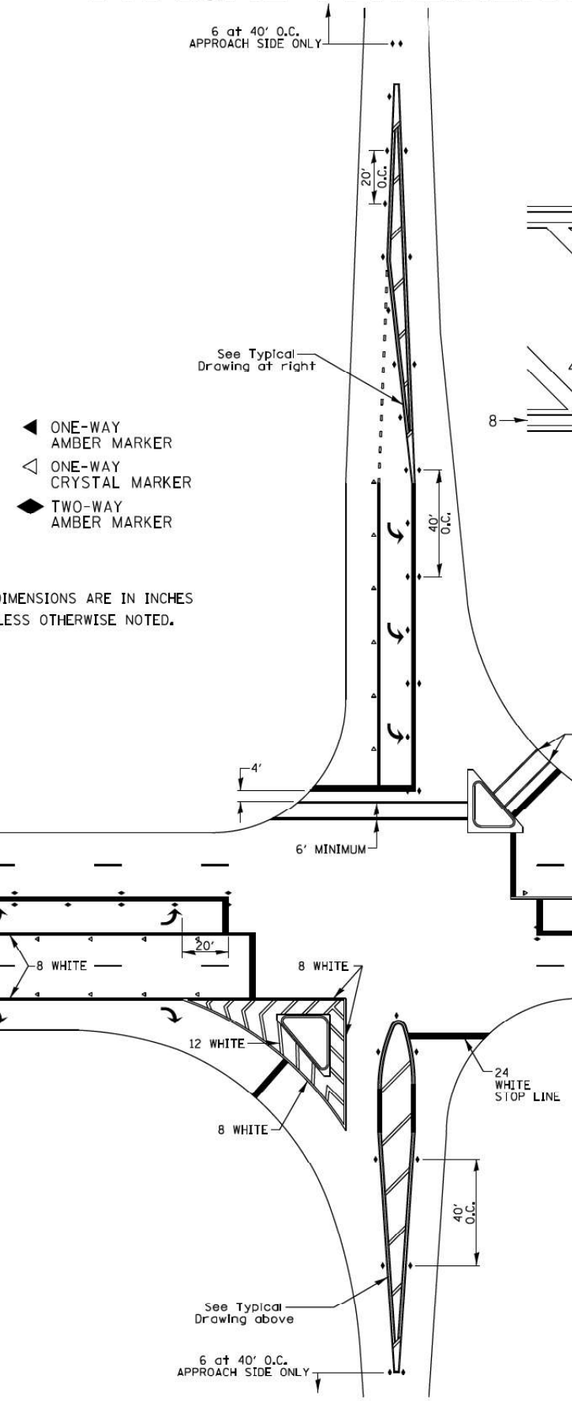
* FAP 301, FAP 654, FAS 1087

MODEL: Default
FILE NAME: P:\Civil_IDOT_DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Lena 3117091\CAD Sheets\D2641 27-sht-02 Standards full size.dgn

TYPICAL PAVEMENT MARKINGS

ARROW LAYOUT





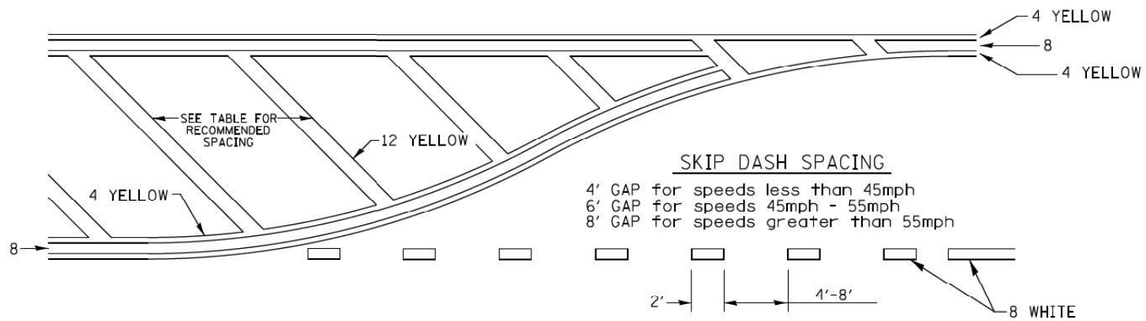
◀ ONE-WAY AMBER MARKER

△ ONE-WAY CRYSTAL MARKER

◆ TWO-WAY AMBER MARKER

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

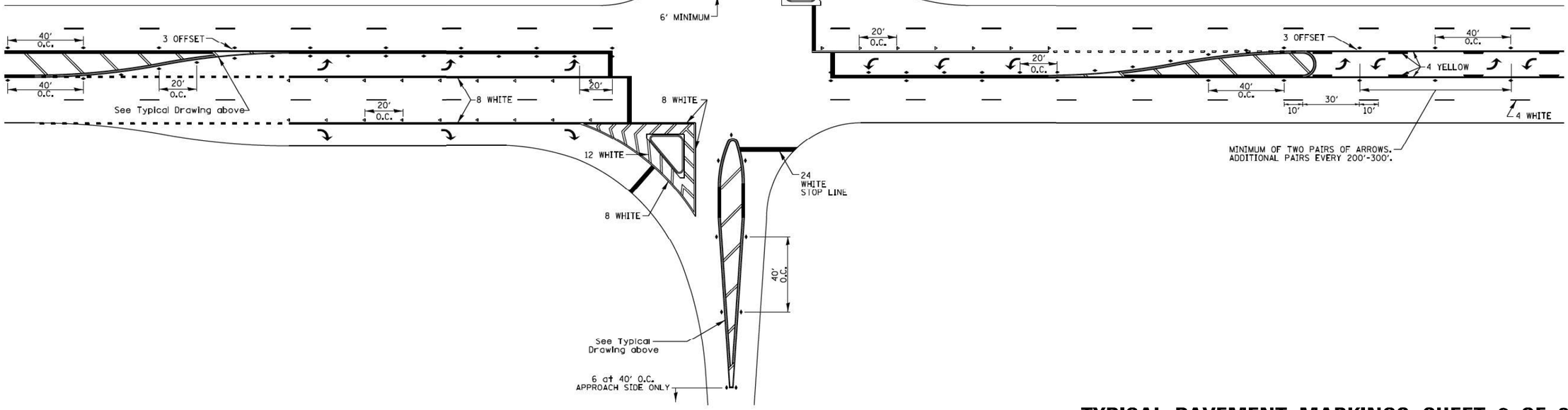
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



RECOMMENDED SPACING BETWEEN DIAGONALS (IN FEET)

Speed Limit Range	Continuous Median Area	Intersection Channelization	Objects (Islands)
less than 30MPH	50'	15'	10'
30-40MPH	75'	20'	15'
45MPH & over	75'	30'	20'

NOTE: If the spacing recommended in the Table does not permit at least five diagonal lines in the area being marked, the spacing from the next lowest speed range should be used. The recommended spacing is measured parallel to the pavement center line.



TYPICAL PAVEMENT MARKINGS SHEET 2 OF 3 41.1

USER NAME = Sta42	DESIGNED - SJF	REVISED -
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: N.T.S. / in. | SHEET 2 OF 3 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	196
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

MODEL: Default
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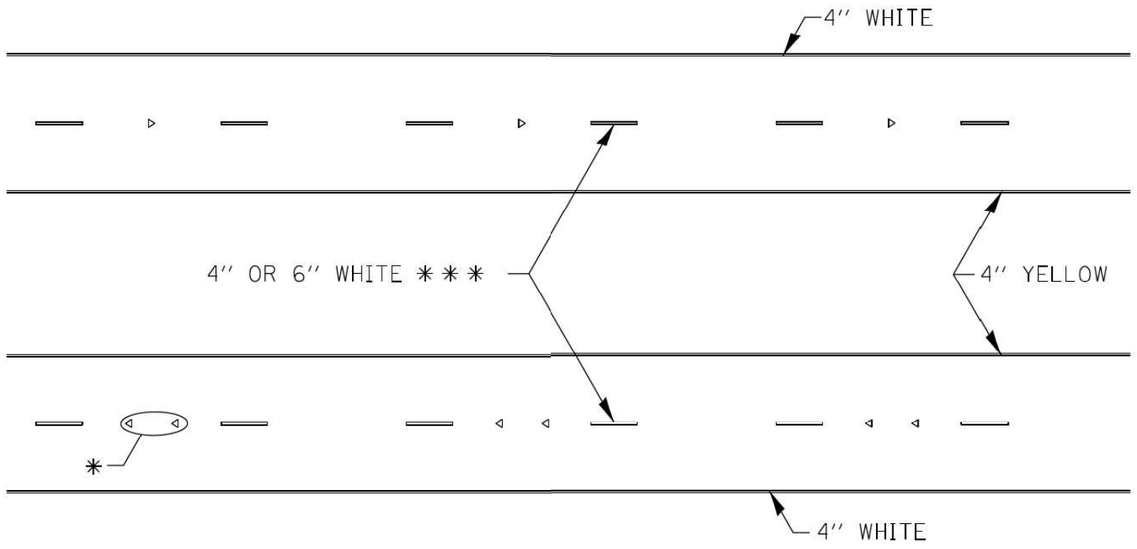
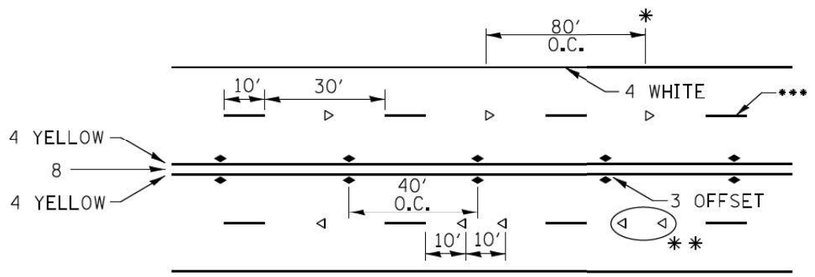
TYPICAL PAVEMENT MARKINGS



* SEE HIGHWAY STANDARD 781001 FOR SPACING DETAILS.
USE DOUBLE MARKERS WHEN ADT > 20,000.

MULTI–LANE / DIVIDED



SYMBOLS

* REDUCE TO 40' O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH LOWER THAN POSTED SPEEDS.

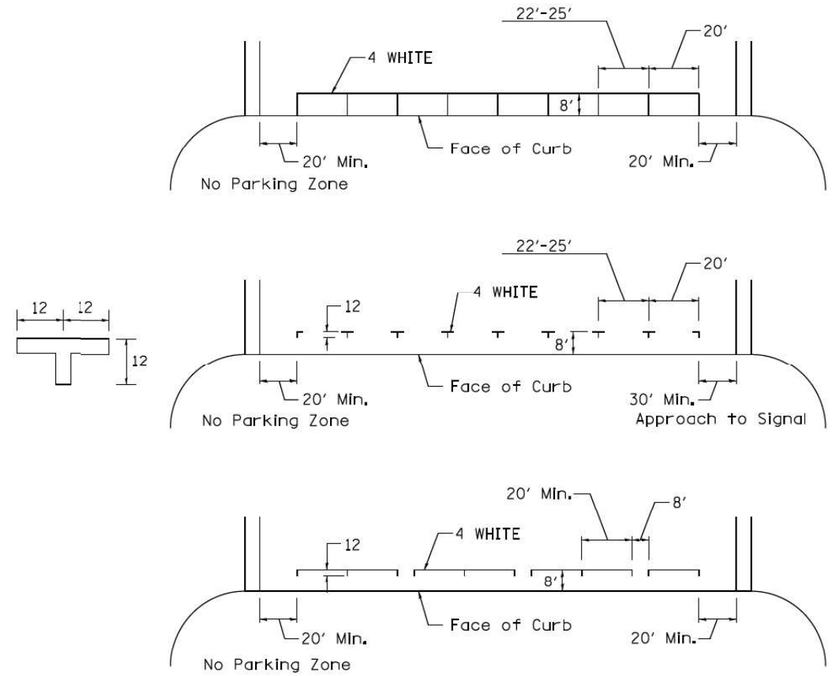
** USE DOUBLE MARKERS WHEN ADT ≥ 20,000

*** CENTERLINE SKIP DASH PAVEMENT MARKING SPEED LIMIT LESS THAN 40 MPH USE 4'' LINE. SPEED LIMIT 40 MPH AND OVER USE 6'' LINE.

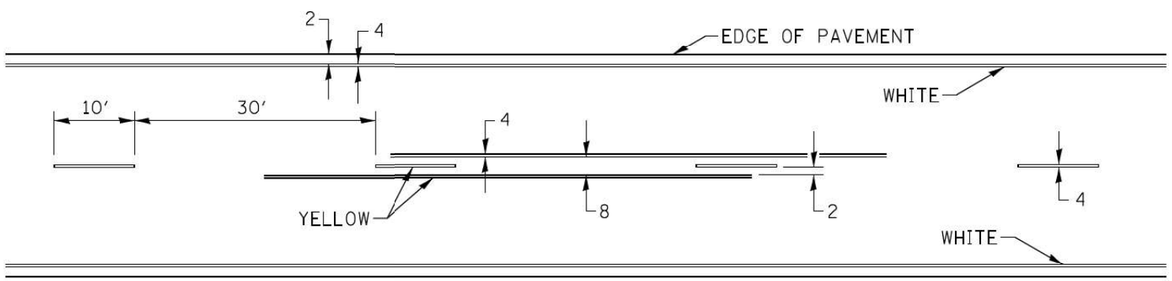
MULTI–LANE / UNDIVIDED & ONE WAY

(FOR MULTI-LANE UNDIVIDED HIGHWAYS USE THIS DETAIL NOT HIGHWAY STANDARD 781001)

TYPICAL PARKING SPACING



TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION – NO PASSING ZONES



TYPICAL PAVEMENT MARKINGS SHEET 3 OF 3 41.1

USER NAME = Sta42	DESIGNED - SJF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

REGION 2 / DISTRICT 2 STANDARD

SCALE: N.T.S. ' in. | SHEET 3 OF 3 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	197
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

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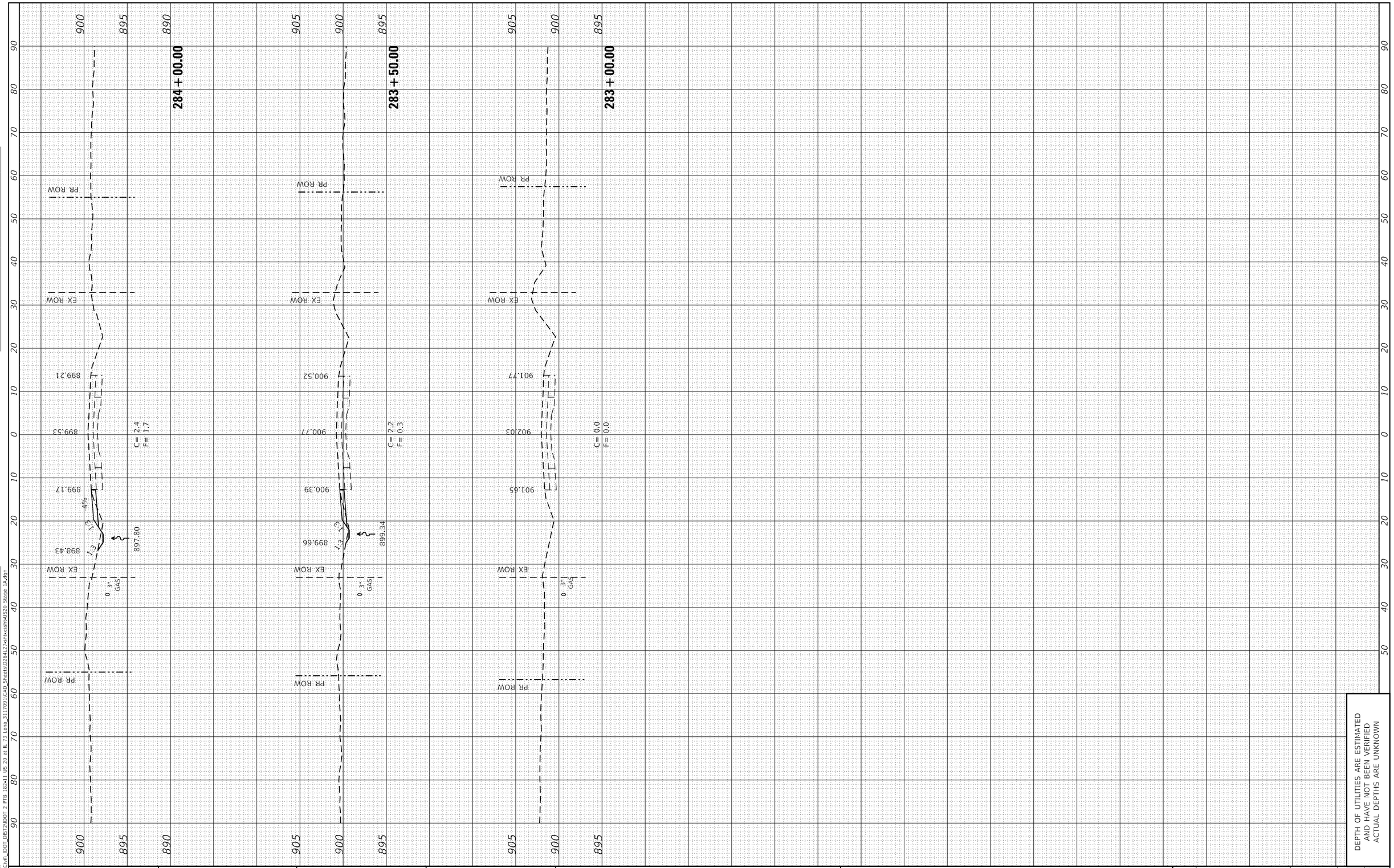

DEPTH OF UTILITIES ARE ESTIMATED
AND HAVE NOT BEEN VERIFIED
ACTUAL DEPTHS ARE UNKNOWN

FINAL SURVEY	(SURVEYED)	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY	(SURVEYED)	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	AREAS CHECKED		

MODEL: Default
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e-mail: upchurchgroup@upchurchgroup.com

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TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 1A – U.S. ROUTE 20
CROSS SECTIONS

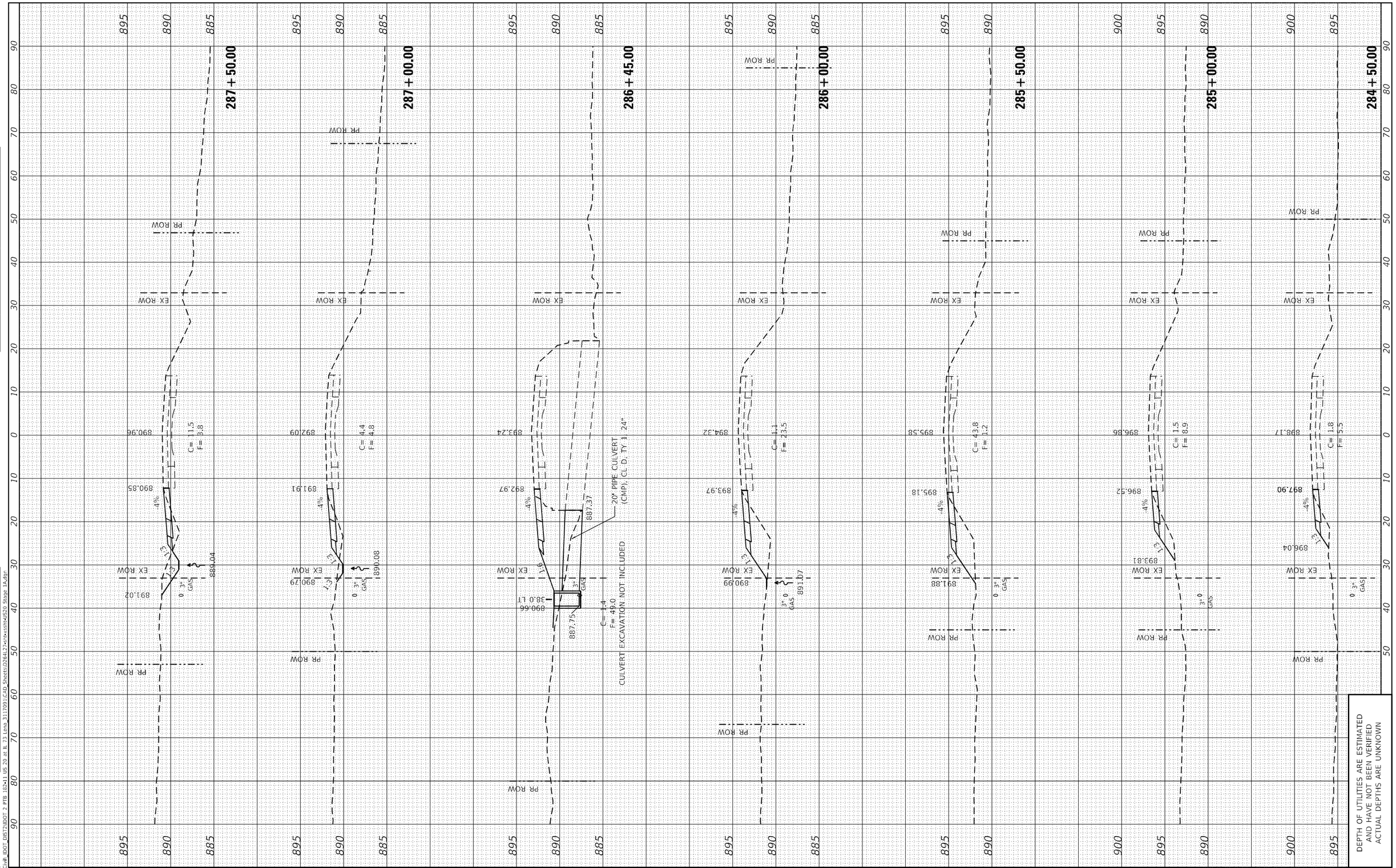
SCALE: 20.0000 ' / in. | SHEET 1 OF 16 SHEETS | STA. 283+00.00 TO STA. 284+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	198
		CONTRACT NO. 64L27		
		ILLINOIS	FED. AID PROJECT	

* FAP 301, FAP 654, FAS 1087

FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		



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PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -

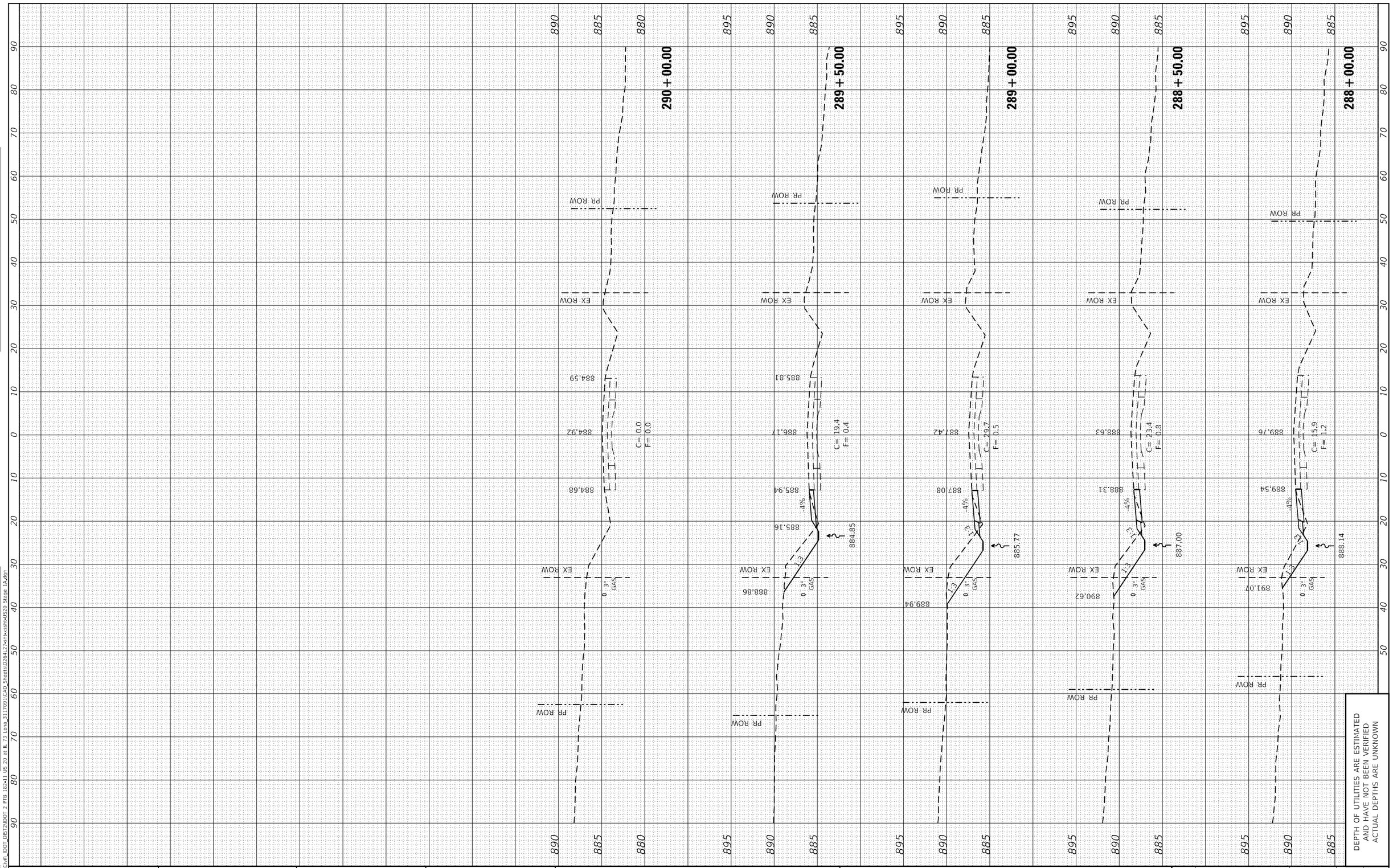
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 1A – U.S. ROUTE 20
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 2 OF 16 SHEETS | STA. 284+50.00 | TO STA. 287+50.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	199
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087



FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

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TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

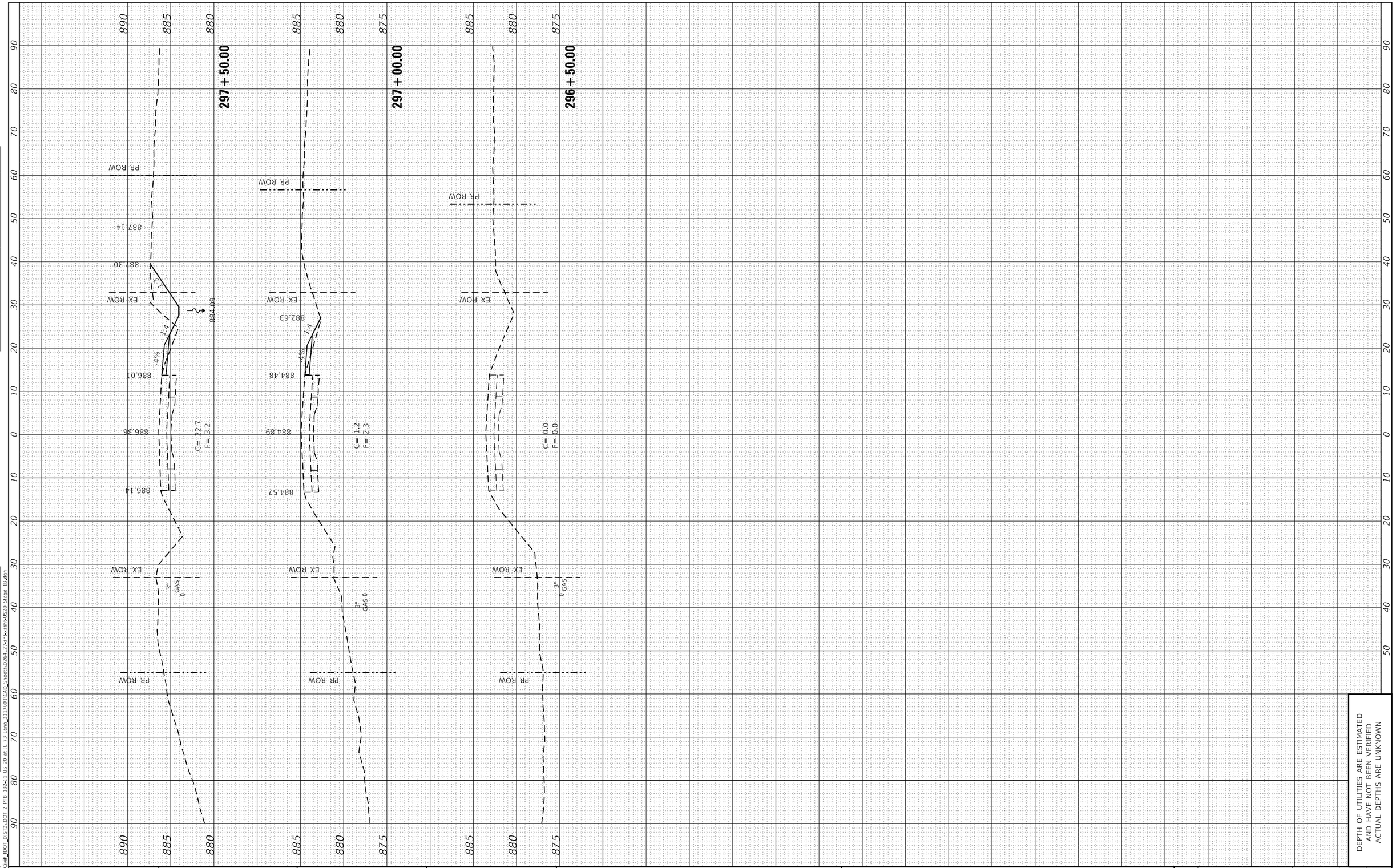
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 1A – U.S. ROUTE 20
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 3 OF 16 SHEETS | STA. 288+00.00 | TO STA. 290+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	200
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087



DEPTH OF UTILITIES ARE ESTIMATED
AND HAVE NOT BEEN VERIFIED
ACTUAL DEPTHS ARE UNKNOWN

FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

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TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

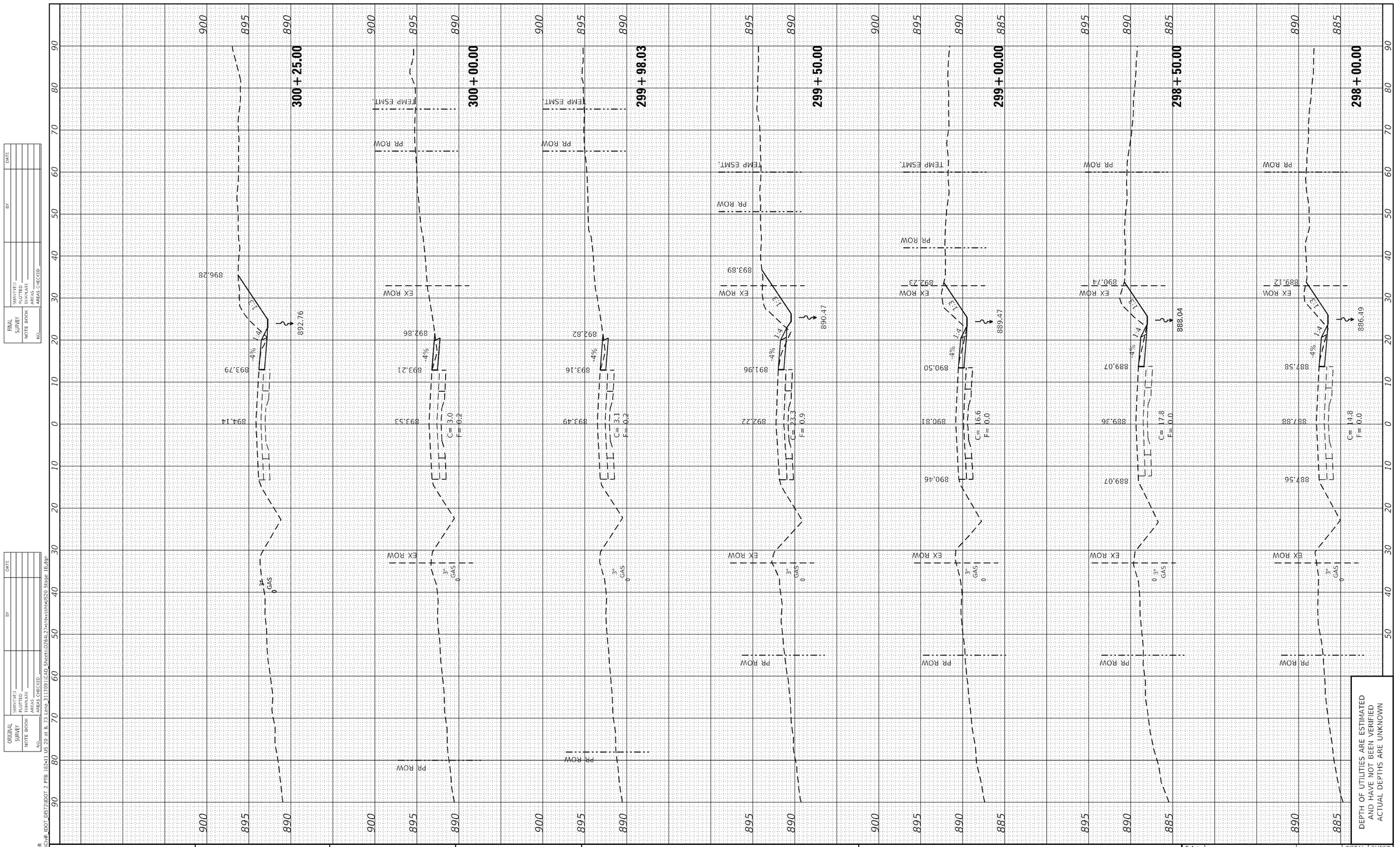
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 1B – U.S. ROUTE 20
CROSS SECTIONS

SCALE: 20.0000 ' / in | SHEET 4 OF 16 SHEETS | STA. 296+50.00 TO STA. 297+50.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	201
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087



FINAL SURVEY | NOTE BOOK: | NO.
SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED
BY | DATE

ORIGINAL SURVEY | NOTE BOOK: | NO.
SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED
BY | DATE

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USER NAME = Sta42	DESIGNED - SJF	REVISED -
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -

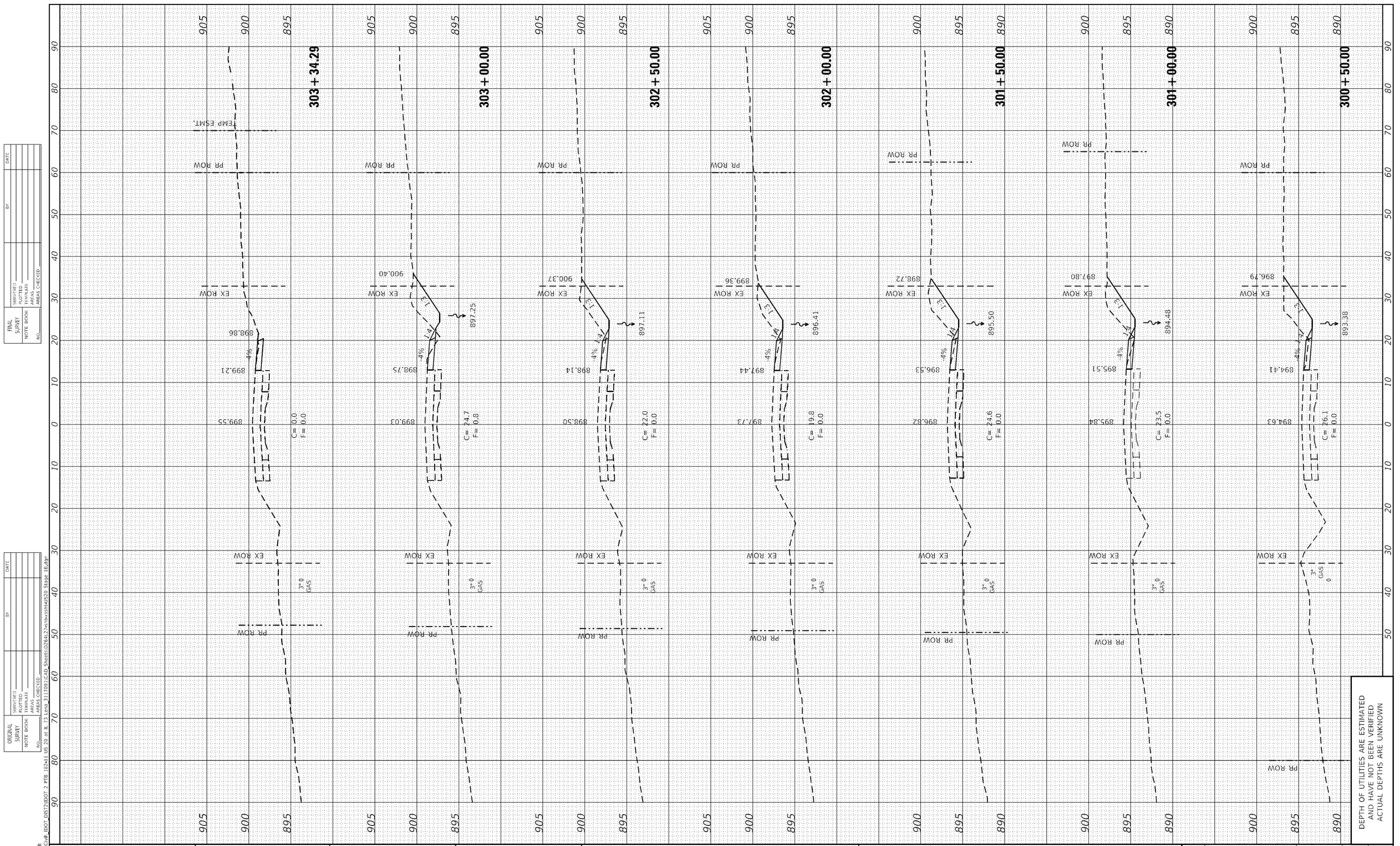
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 1B – U.S. ROUTE 20
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 5 OF 16 SHEETS | STA. 298+00.00 TO STA. 300+25.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	202
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087



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USER NAME = Sta42	DESIGNED - SJF	REVISED -
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -

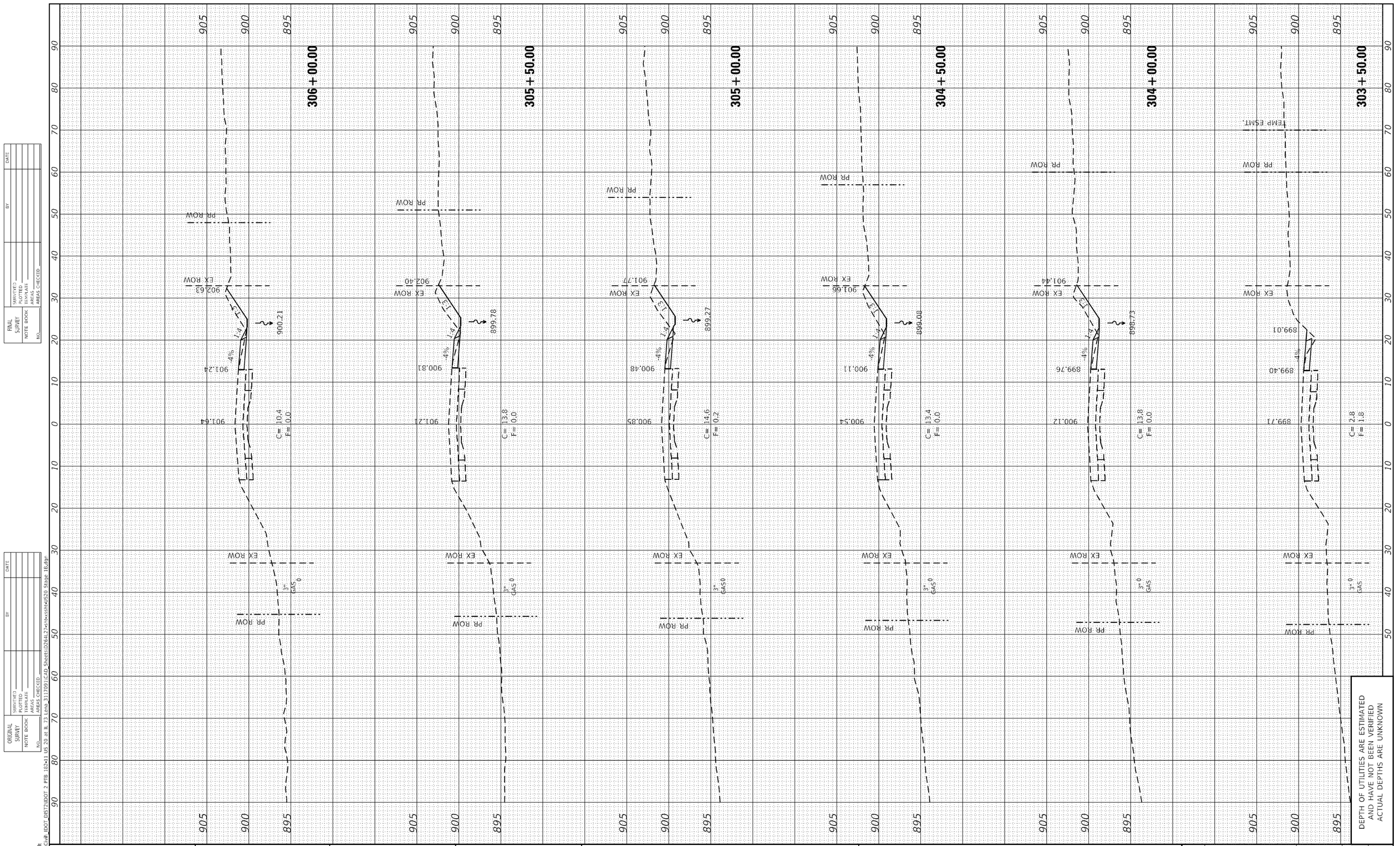
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 1B – U.S. ROUTE 20
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 6 OF 16 SHEETS | STA. 300+50.00 TO STA. 303+34.29

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	203
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087



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ORIGINAL SURVEY — NOTE BOOK: — NO.: — SURVEYED: — PLOTTED: — TEMPLATE: — AREAS: — AREAS CHECKED — BY — DATE

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TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -

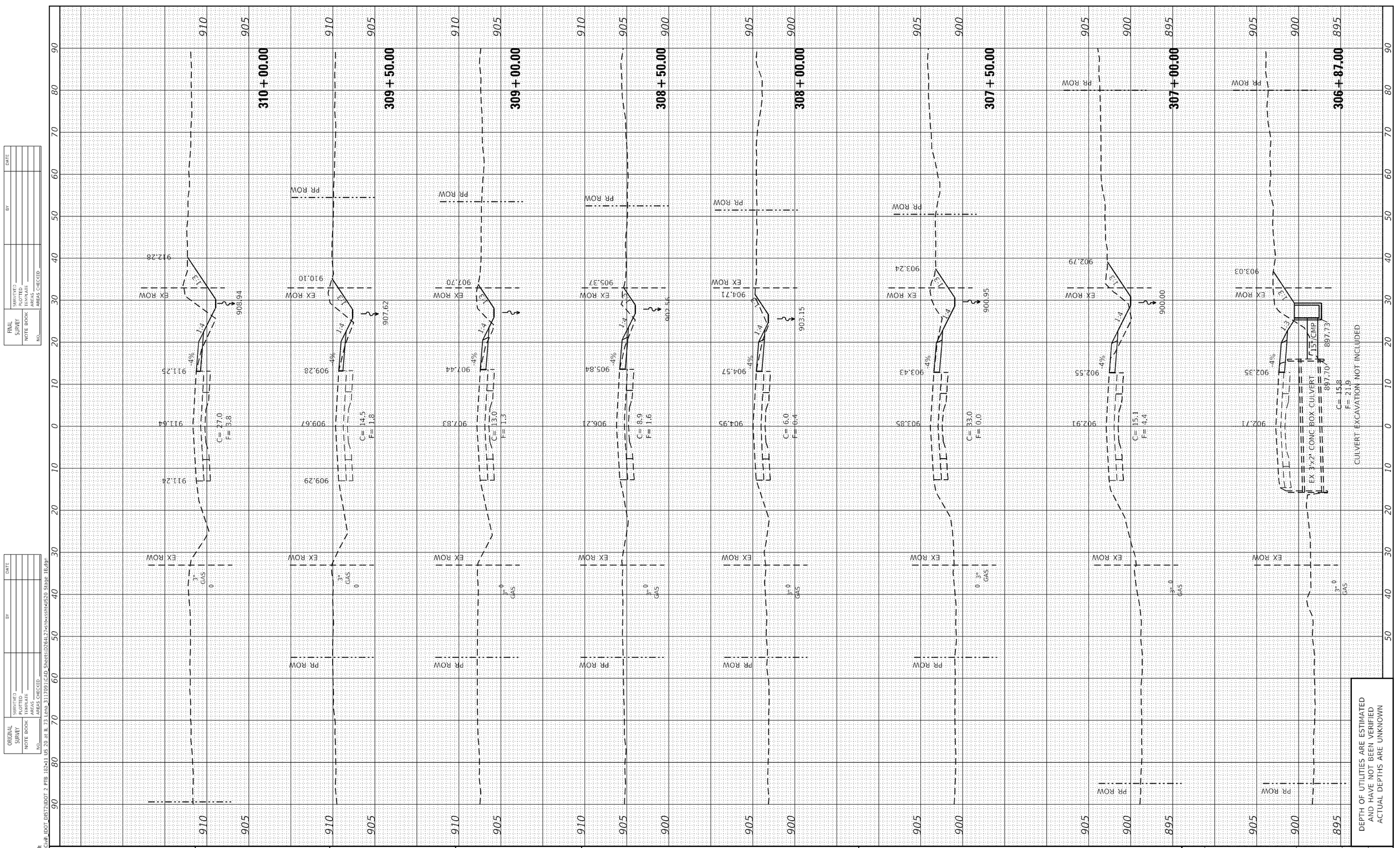
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 1B – U.S. ROUTE 20
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 7 OF 16 SHEETS | STA. 303+50.00 TO STA. 306+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	204
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087



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TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 1B – U.S. ROUTE 20
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 8 OF 16 SHEETS | STA. 306+87.00 TO STA. 310+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	205
	CONTRACT NO. 64L27			
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
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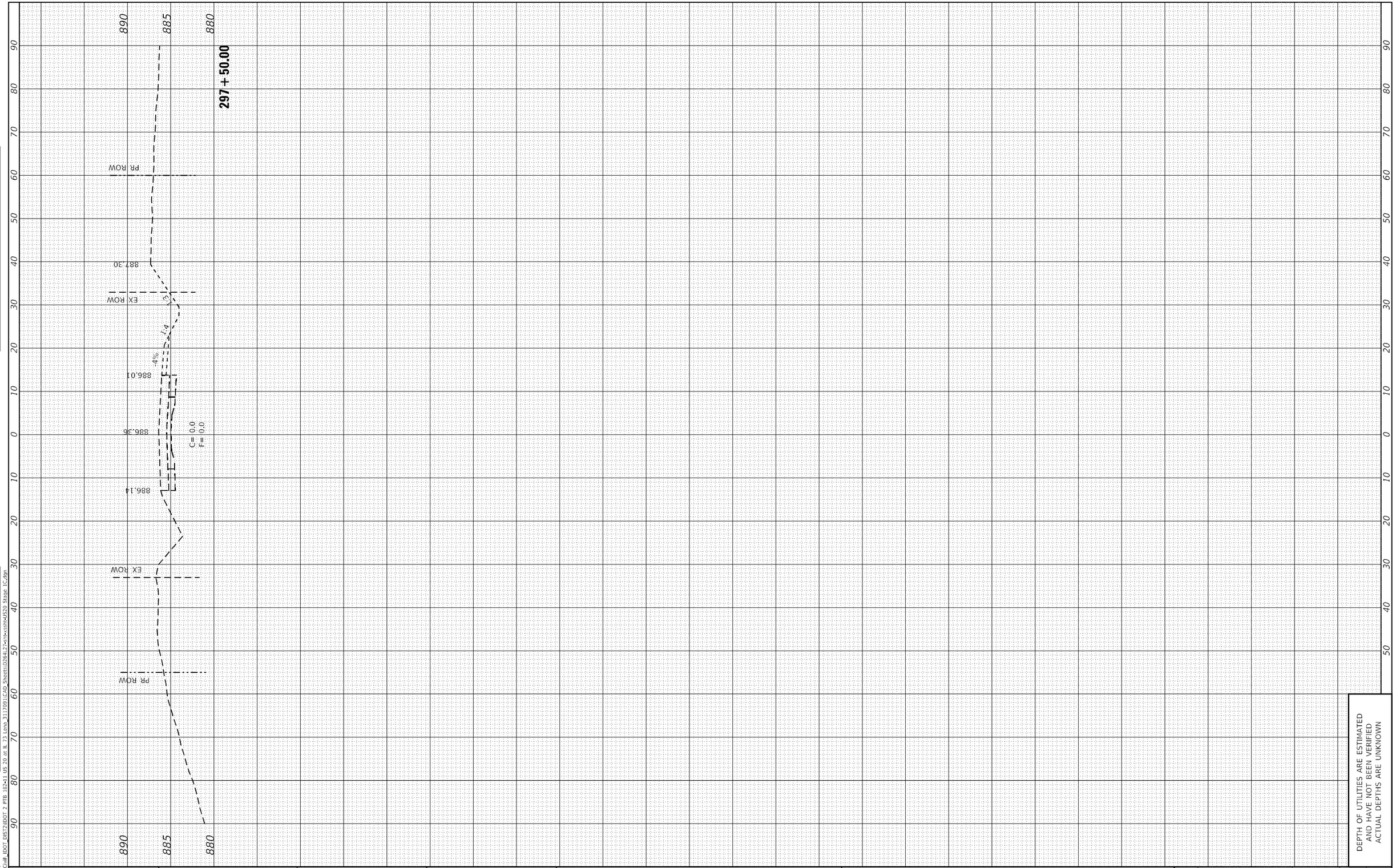

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TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

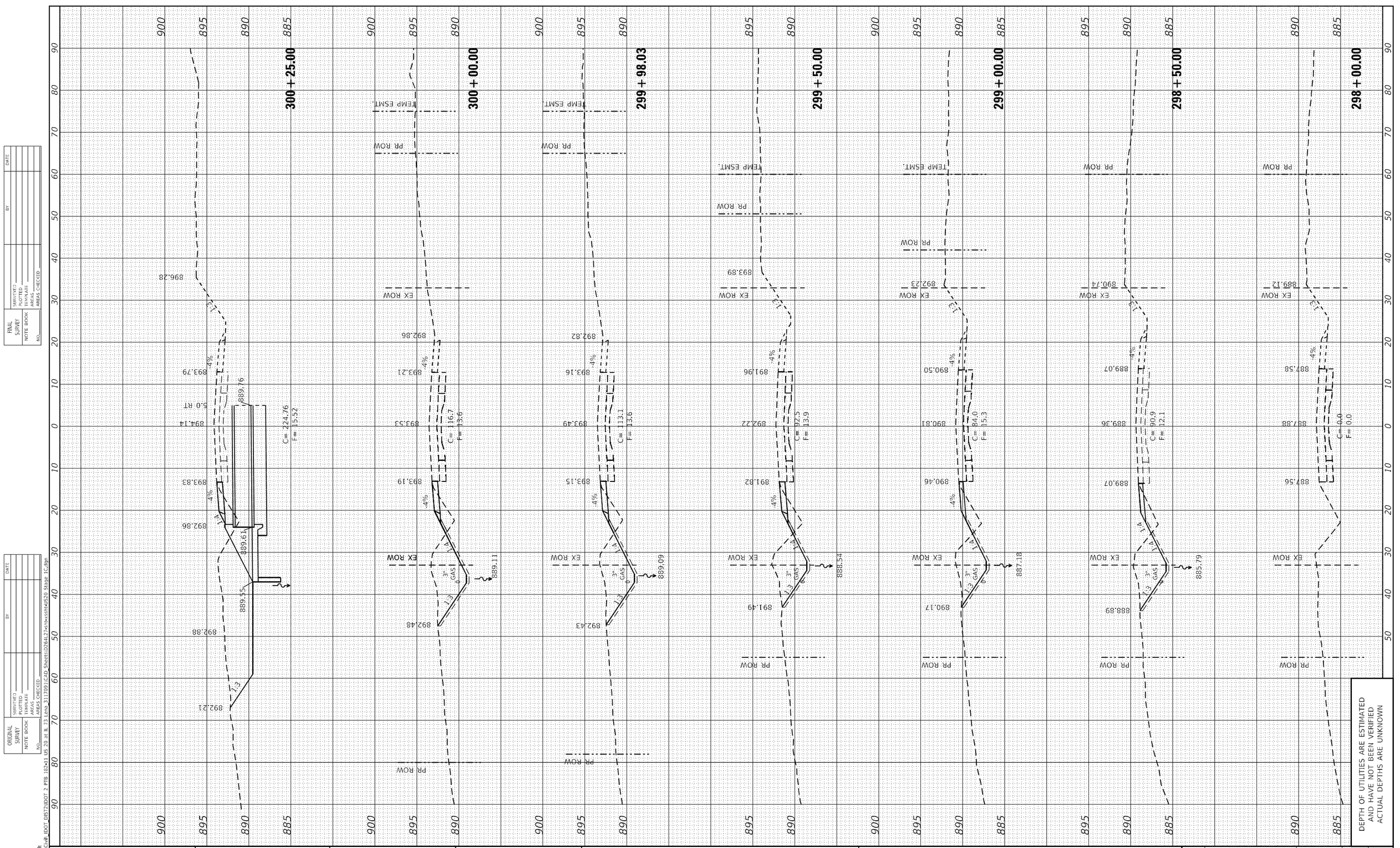
STAGE 1C – U.S. ROUTE 20
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 9 OF 16 SHEETS | STA. 296+50.00 TO STA. 297+50.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	206
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

DEPTH OF UTILITIES ARE ESTIMATED
AND HAVE NOT BEEN VERIFIED
ACTUAL DEPTHS ARE UNKNOWN



DEPTH OF UTILITIES ARE ESTIMATED
AND HAVE NOT BEEN VERIFIED
ACTUAL DEPTHS ARE UNKNOWN

FINAL SURVEY: SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED; NOTE BOOK; NO.; BY; DATE

ORIGINAL SURVEY: SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED; NOTE BOOK; NO.; BY; DATE

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TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

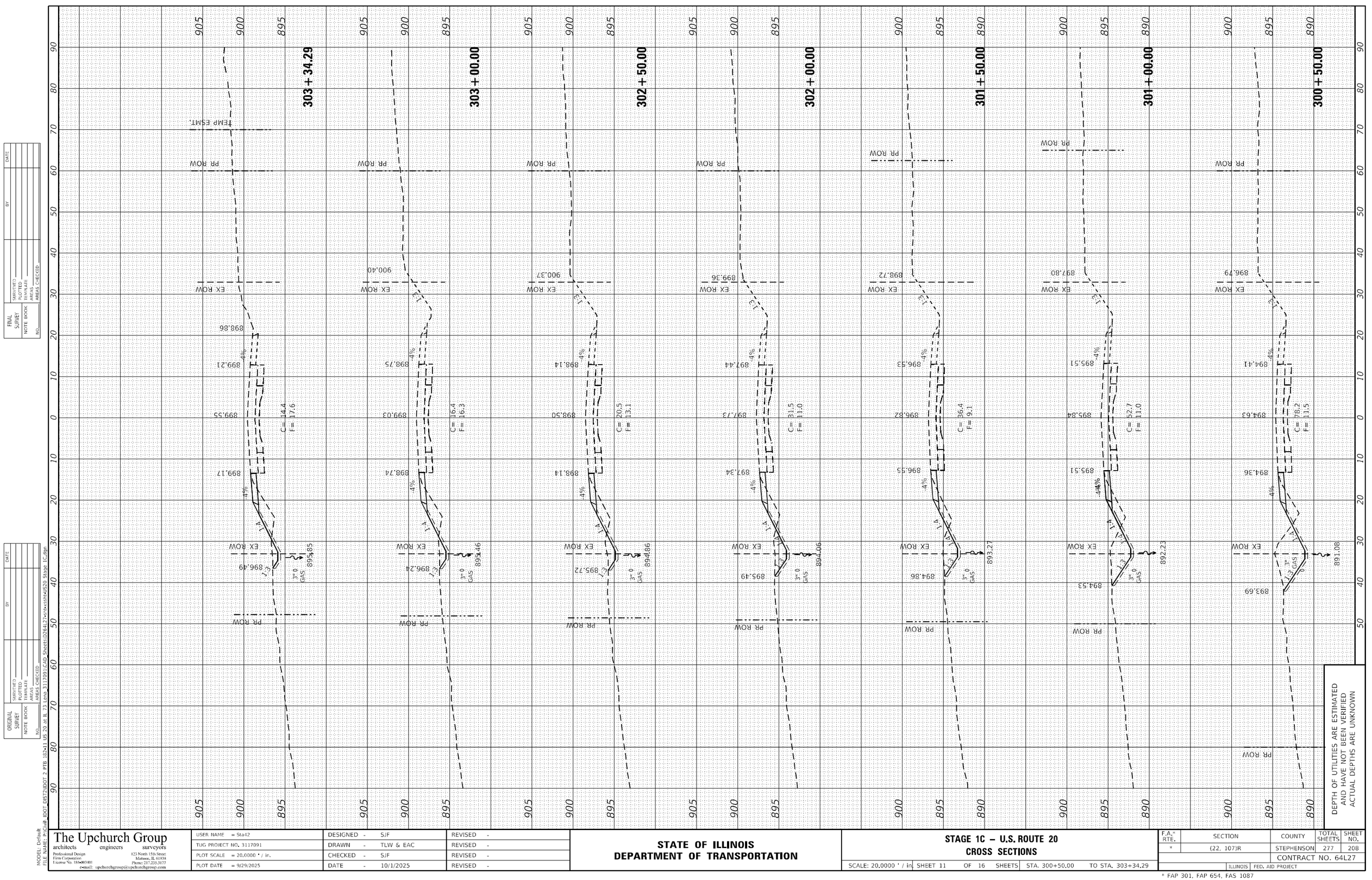
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 1C – U.S. ROUTE 20
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 10 OF 16 SHEETS | STA. 298+00.00 TO STA. 300+25.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	207
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087



FINAL SURVEY — NOTE BOOK: — NO.: — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK: — NO.: — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

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USER NAME = Sta42	DESIGNED - SJF	REVISED -
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -

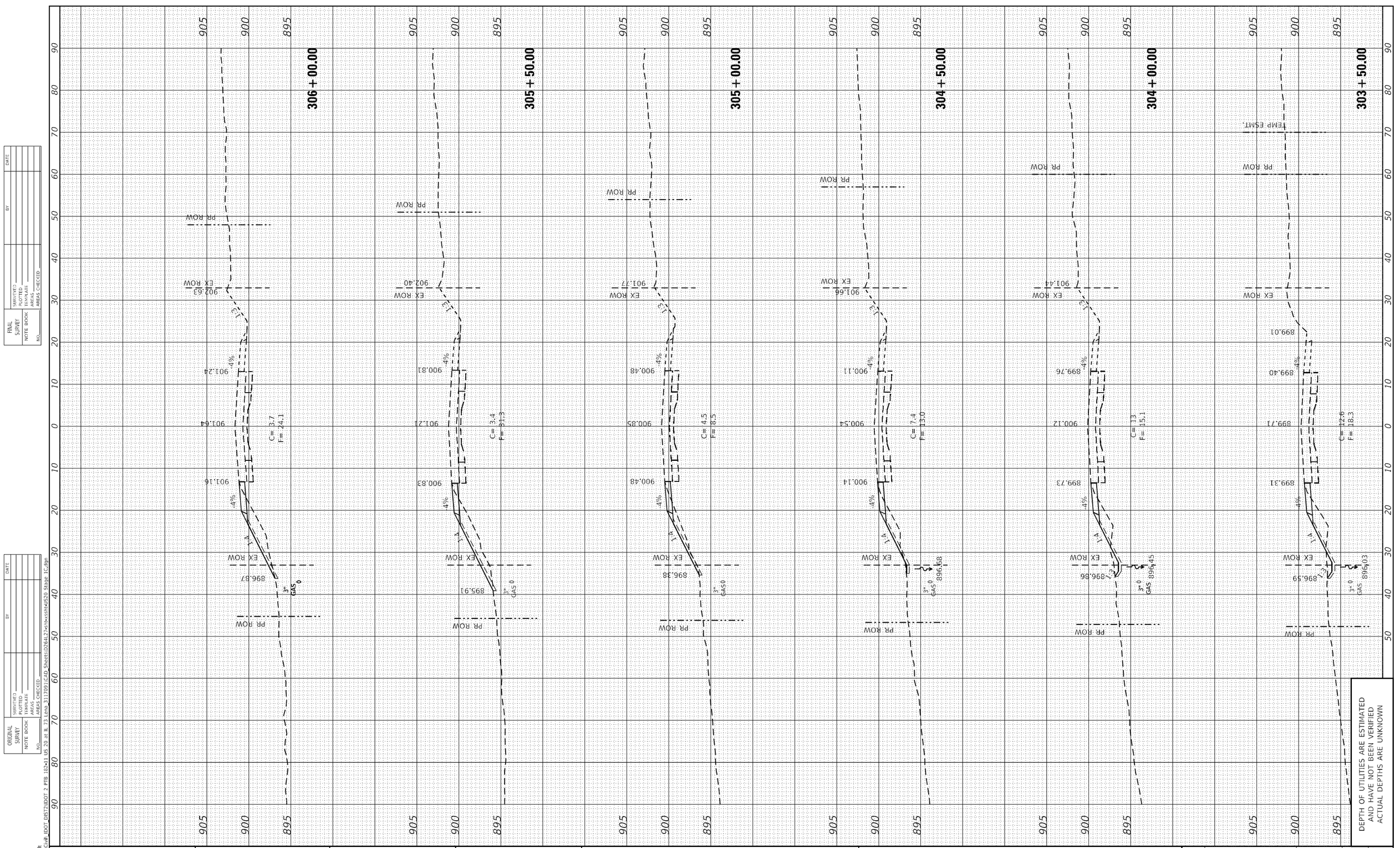
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 1C – U.S. ROUTE 20
CROSS SECTIONS

SCALE: 20.0000 ' / in. SHEET 11 OF 16 SHEETS STA. 300+50.00 TO STA. 303+34.29

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	208
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087



DEPTH OF UTILITIES ARE ESTIMATED AND HAVE NOT BEEN VERIFIED ACTUAL DEPTHS ARE UNKNOWN

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	AREAS CHECKED		

MODEL: Default
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PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 1C – U.S. ROUTE 20
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 12 OF 16 SHEETS | STA. 303+50.00 TO STA. 306+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	209
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	AREAS CHECKED		

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310+00.00 **309+50.00** **309+00.00** **308+50.00** **308+00.00** **307+50.00** **307+00.00** **306+87.00**

EX ROW
PR ROW
912.28
911.64
911.25
911.24
910.11
909.67
909.28
909.29
907.70
907.44
907.83
907.46
907.73
905.37
905.84
906.21
905.81
905.45
904.71
904.57
904.95
904.59
903.33
900.95
900.06
903.24
903.43
903.85
903.44
900.81
898.98
902.79
902.55
902.91
902.56
900.00
903.03
902.35
902.71
902.34
901.53
896.71
896.61
898.23
C= 0.0
F= 0.0
C= 92.1
F= 0.1
C= 82.7
F= 0.0
C= 80.6
F= 2.7
C= 57.1
F= 9.0
C= 187.1
F= 9.5
PIPE UNDERDRAINS, TYPE 2, 4"
5.0' RT
PIPE CULVERT, CL A, TY 1, RC - EQFS 48"
C= 113.2
F= 83.88
CULVERT EXCAVATION NOT INCLUDED
58.53' LT, 896.54
70.67' LT, 896.47
75.95' LT, 898.66
1:4
1:3
1:10
4%
3" GAS
DEPTH OF UTILITIES ARE ESTIMATED AND HAVE NOT BEEN VERIFIED ACTUAL DEPTHS ARE UNKNOWN

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PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

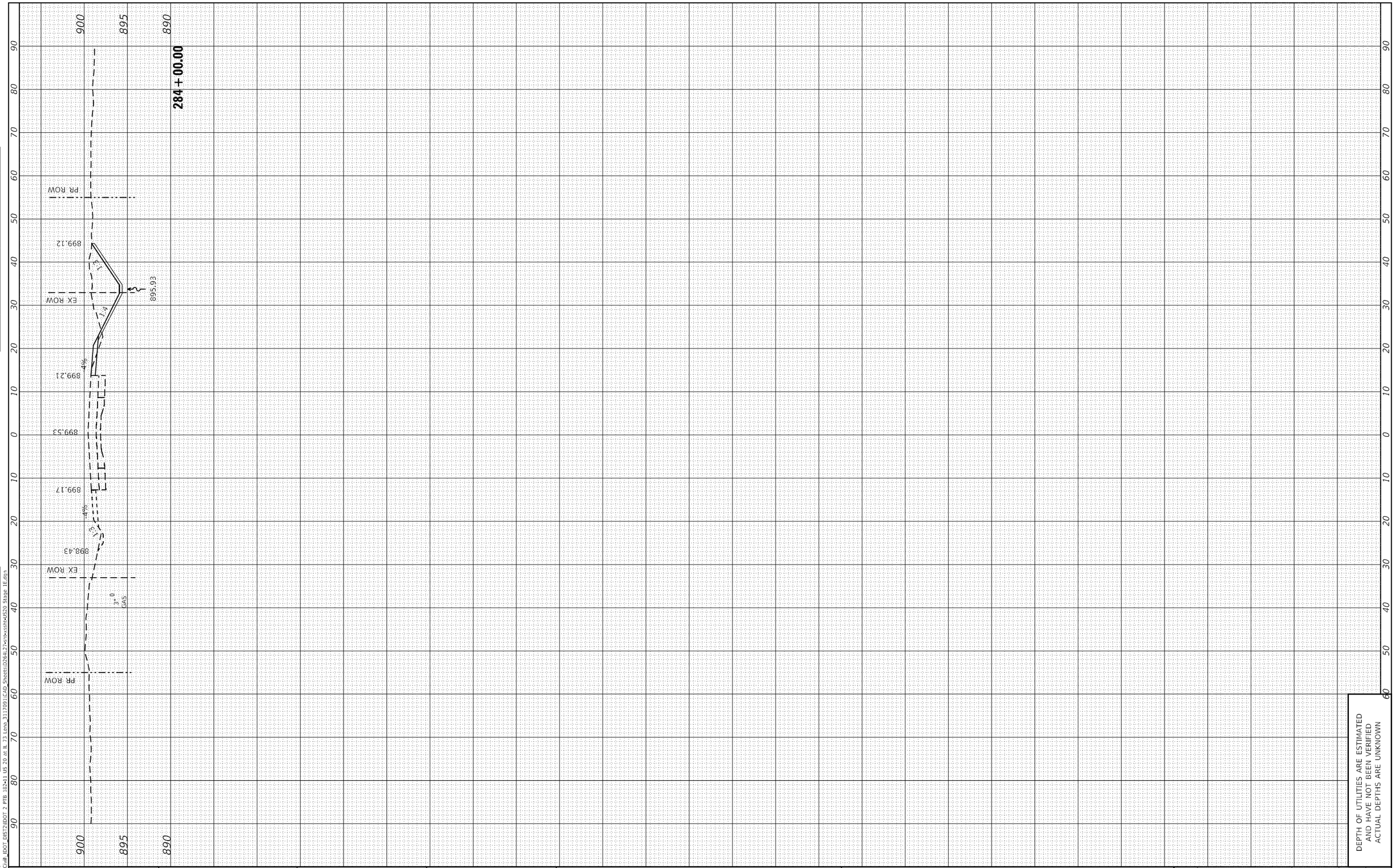
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 1C – U.S. ROUTE 20
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 13 OF 16 SHEETS | STA. 306+87.00 TO STA. 310+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	210
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087



FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	AREAS CHECKED		

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DEPTH OF UTILITIES ARE ESTIMATED
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PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 1E – U.S. ROUTE 20
CROSS SECTIONS

SCALE: 20.0000 ' / in | SHEET 14 OF 16 SHEETS | STA. 283+00.00 TO STA. 284+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	211
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

FINAL SURVEY	SURVEYED	BY	
	PLOTTED		DATE
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	
	PLOTTED		DATE
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

MODEL: Default
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287+50.00

EX ROW
PR ROW
887.87
887.29
890.57
890.96
C= 19.6
F= 14.0
4%
1:4
1:3
3" GAS
890.85
891.02
PR ROW

287+00.00

EX ROW
PR ROW
887.15
891.70
892.09
C= 8.1
F= 16.6
4%
1:4
1:3
3" GAS
890.79
891.91
PR ROW

286+50.00

EX ROW
PR ROW
885.82
891.57
892.69
893.14
C= 22.3
F= 239.7
4%
1:19.5
5.0 LT
2 - PIPE CULVERTS, CL A, TY 1, RC - 48"
887.97
887.75
2 - 20" PIPE CULVERT T 887.37
CLASS D (CMP)
0.3" GAS
38.0 LT
890.25
892.89
4%
1:3
7.5%
3" GAS
PR ROW

CULVERT EXCAVATION NOT INCLUDED

286+00.00

EX ROW
PR ROW
888.98
894.05
894.32
C= 4.2
F= 54.3
4%
1:4
1:3
3" GAS
891.07
893.97
PR ROW

285+50.00

EX ROW
PR ROW
891.88
895.25
895.58
C= 3.7
F= 20.0
4%
1:4
1:3
3" GAS
891.88
893.18
PR ROW

285+00.00

EX ROW
PR ROW
893.52
896.66
896.86
C= 8.4
F= 13.5
4%
1:4
1:3
3" GAS
893.38
896.52
PR ROW

284+50.00

EX ROW
PR ROW
895.95
897.97
898.17
C= 26.1
F= 9.0
4%
1:4
1:3
3" GAS
893.81
897.90
896.04
PR ROW

DEPTH OF UTILITIES ARE ESTIMATED
AND HAVE NOT BEEN VERIFIED
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TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 1E – U.S. ROUTE 20
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 15 OF 16 SHEETS | STA. 284+50.00 TO STA. 287+50.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	212
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
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NO.	TEMPLATE		
	AREAS		
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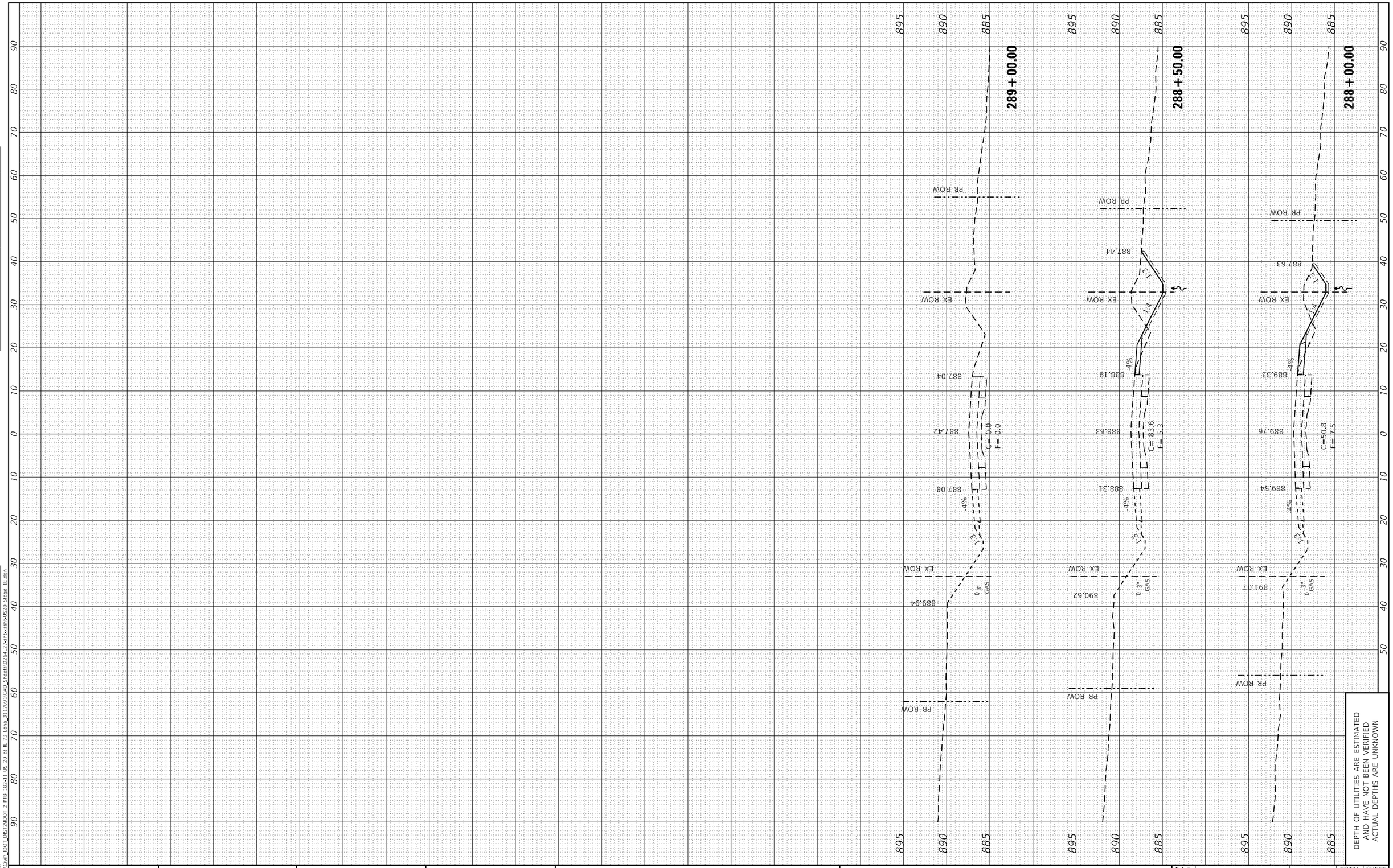

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TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -

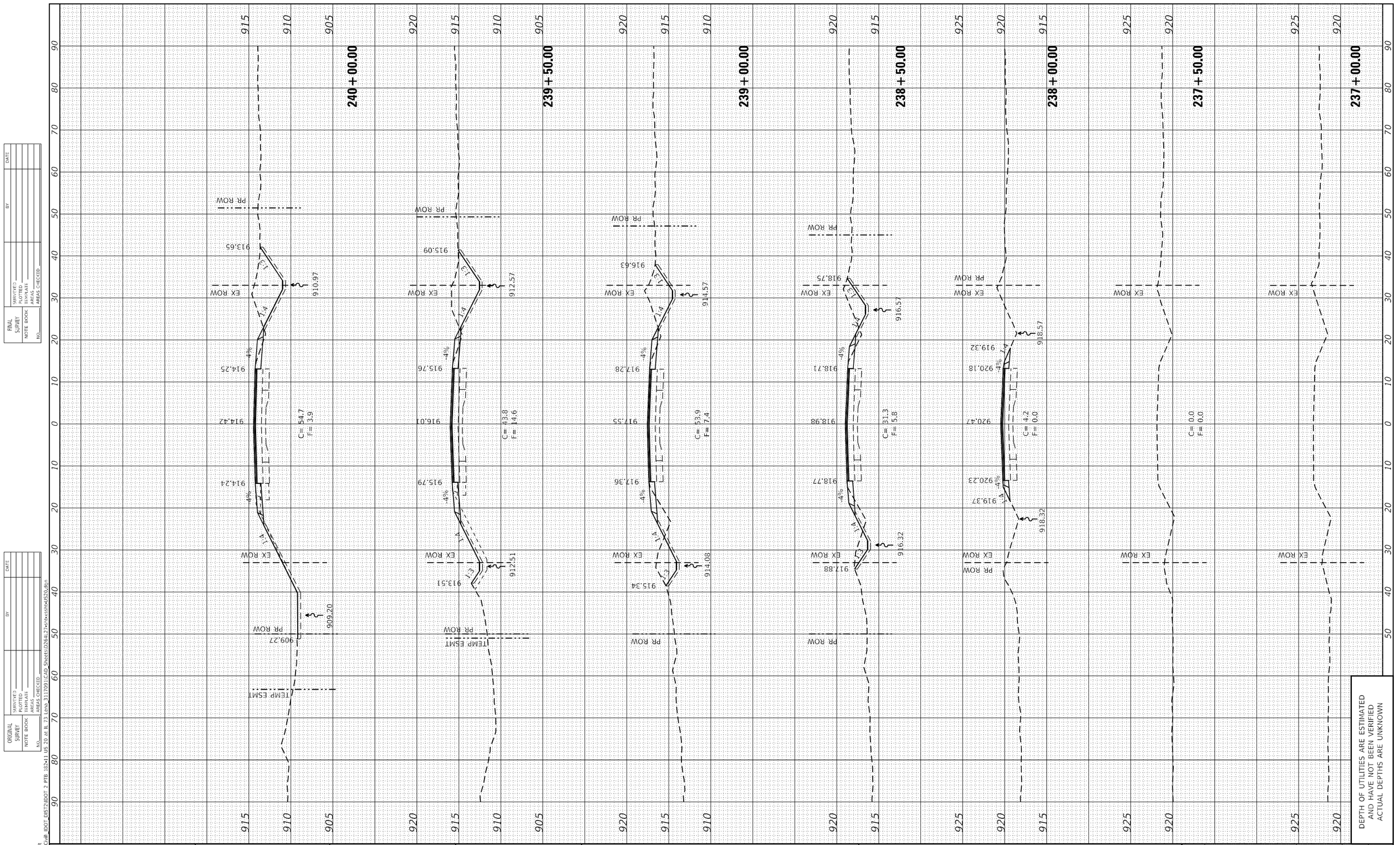
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 1E – U.S. ROUTE 20
CROSS SECTIONS

SCALE: 20.0000 ' / in | SHEET 16 OF 16 SHEETS | STA. 288+00.00 | TO STA. 290+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	213
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087



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AND HAVE NOT BEEN VERIFIED
ACTUAL DEPTHS ARE UNKNOWN

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
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ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	AREAS CHECKED		

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PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

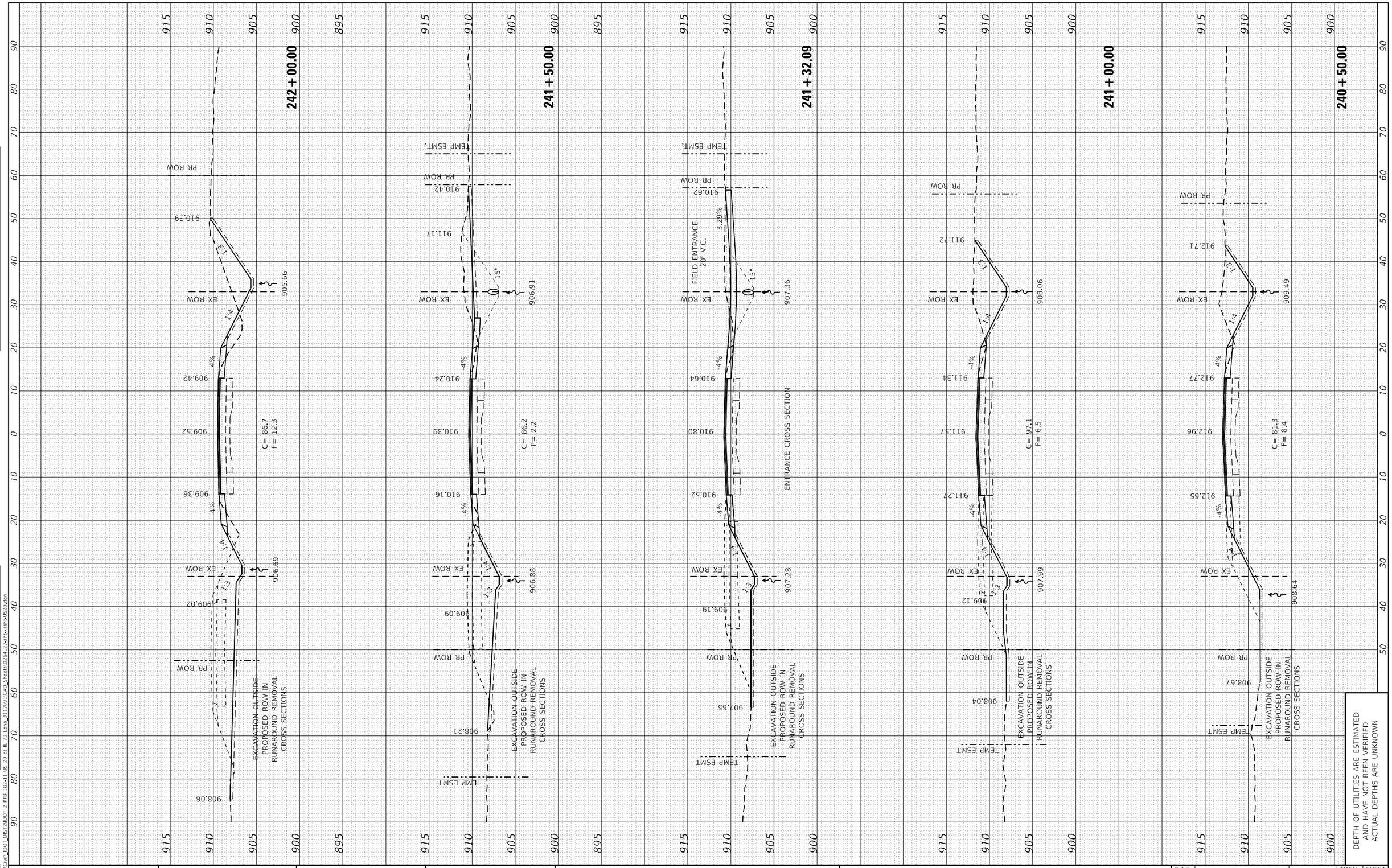
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
CROSS SECTIONS

SCALE: 20.0000 ' / in | SHEET 1 OF 32 SHEETS | STA. 237+00.00 TO STA. 240+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	214
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087



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	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY

	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	AREAS CHECKED		

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PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
CROSS SECTIONS

SCALE: 20.0000 ' / in. SHEET 2 OF 32 SHEETS STA. 240+50.00 TO STA. 242+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	215
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

FINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

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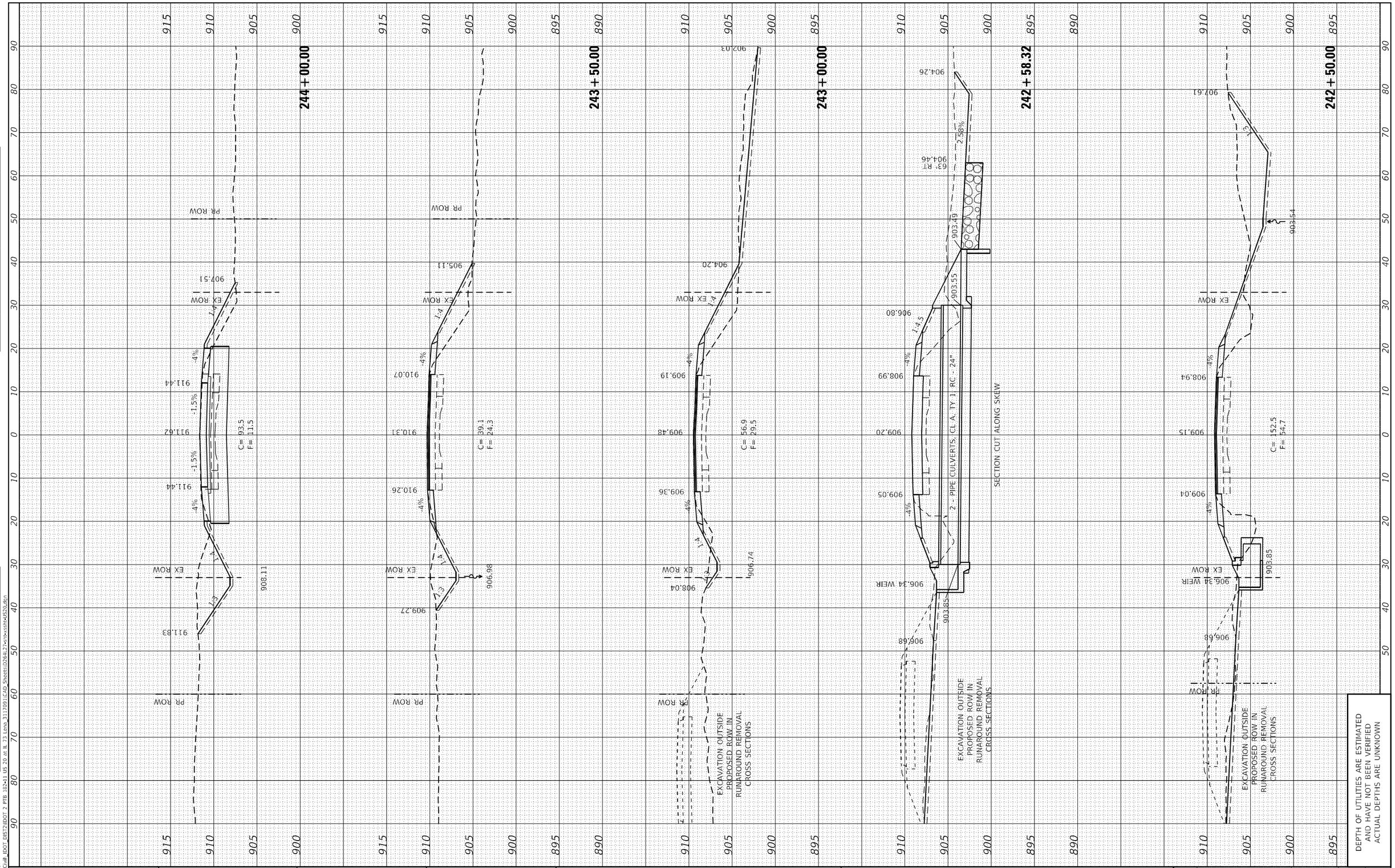

DEPTH OF UTILITIES ARE ESTIMATED AND HAVE NOT BEEN VERIFIED ACTUAL DEPTHS ARE UNKNOWN

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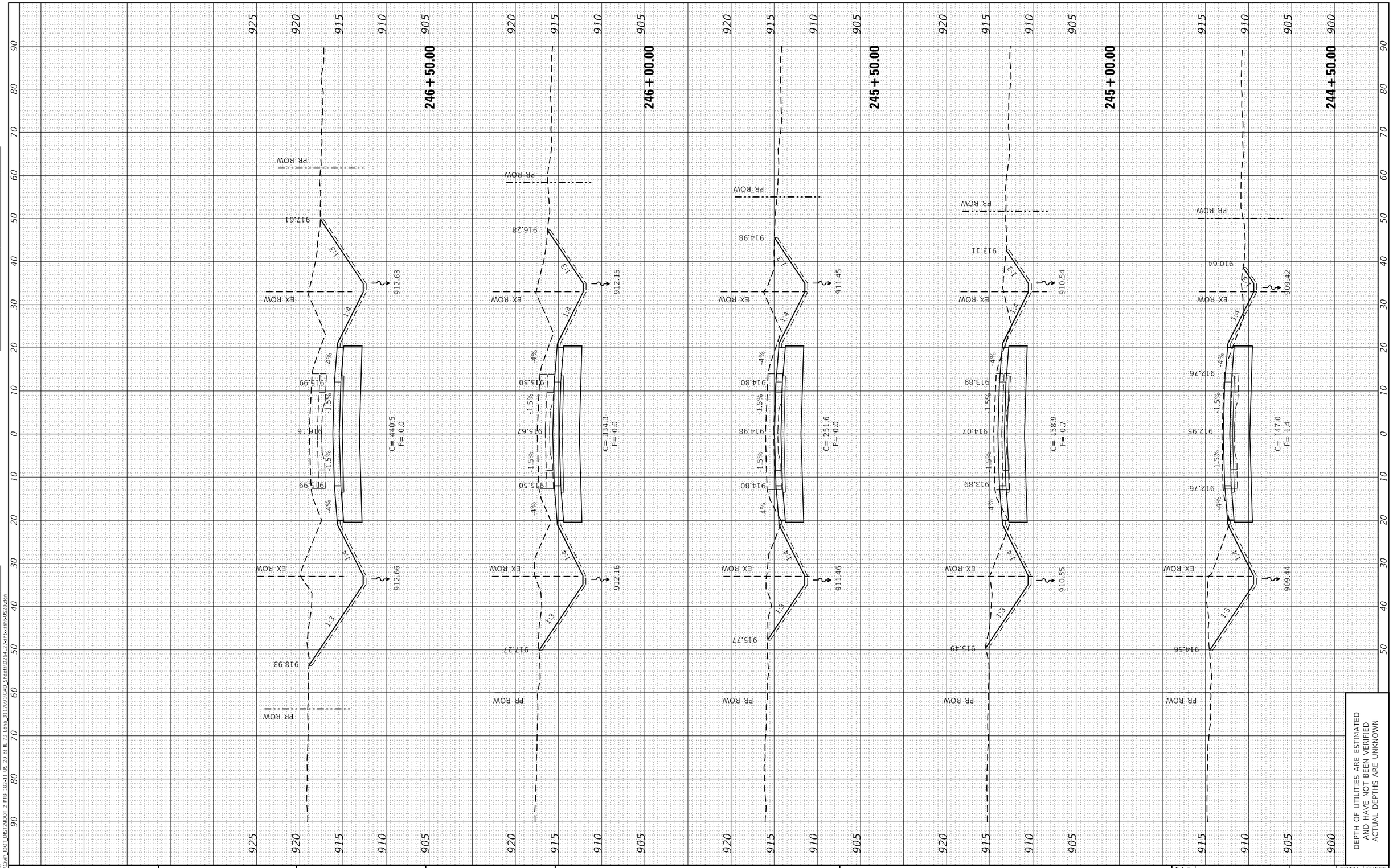
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
CROSS SECTIONS

SCALE: 20.0000 ' / in | SHEET 3 OF 32 SHEETS | STA. 242+50.00 TO STA. 244+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	216
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087



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ACTUAL DEPTHS ARE UNKNOWN

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
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	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	AREAS CHECKED		

MODEL: Default
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PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
CROSS SECTIONS

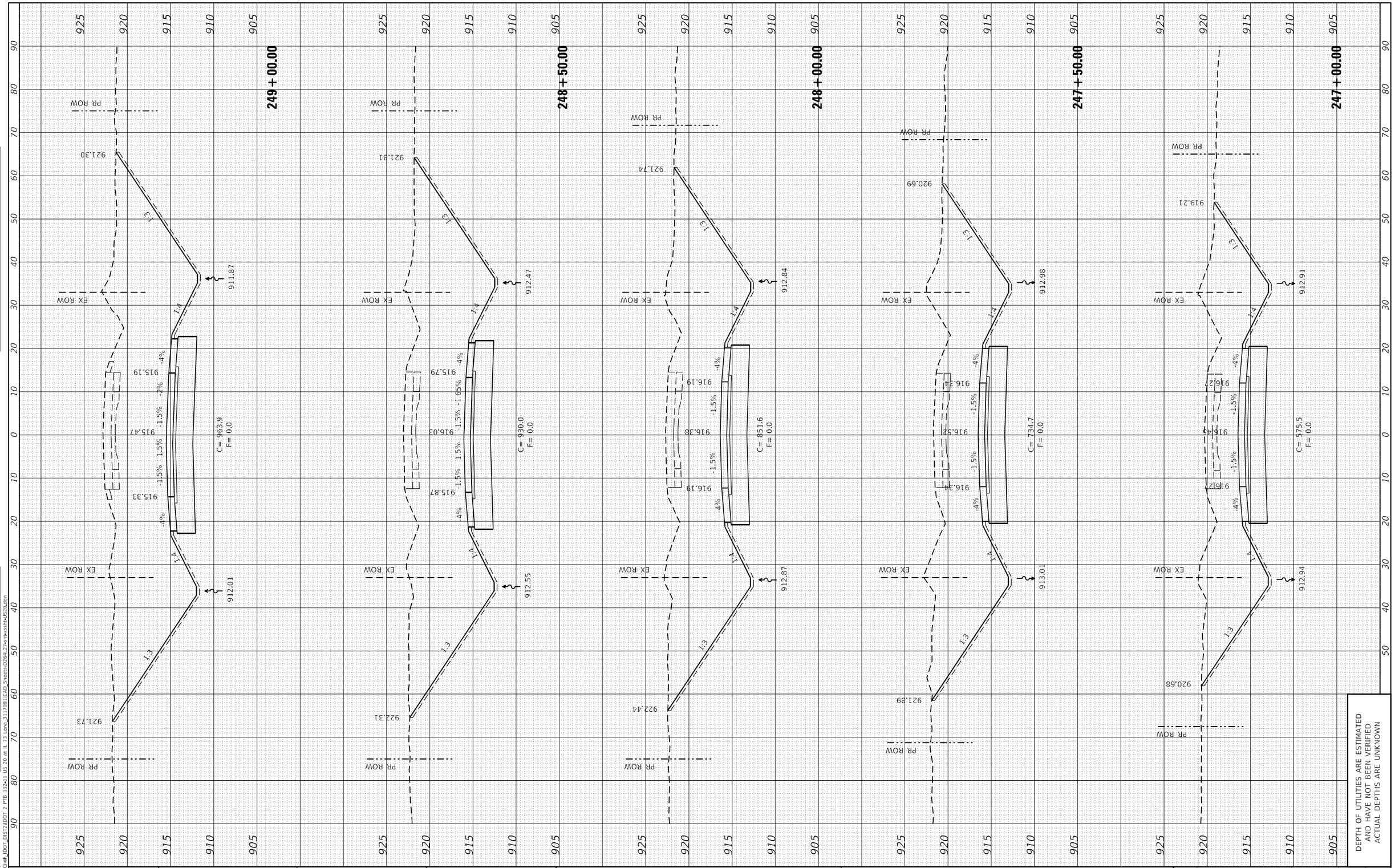
SCALE: 20.0000 ' / in | SHEET 4 OF 32 SHEETS | STA. 244+50.00 TO STA. 246+50.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	217
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

FINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		



DEPTH OF UTILITIES ARE ESTIMATED
AND HAVE NOT BEEN VERIFIED
ACTUAL DEPTHS ARE UNKNOWN

MODEL: Default
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PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 5 OF 32 SHEETS | STA. 247+00.00 | TO STA. 249+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	218
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

FINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

251+50.00

PR ROW 914.87 — EX ROW 905.98 — 909.36 — 909.57 — 906.25 — 911.69 — PR ROW
1:3 — 1:4 — -4% — -2% — -1.5% — 1.5% — -1.5% — C= 684.9 F= 0.0

251+00.00

PR ROW 916.39 — EX ROW 907.49 — 910.81 — 911.13 — 907.74 — 914.02 — PR ROW
1:3 — 1:4 — -4% — -2% — -1.5% — 1.5% — -1.5% — C= 751.2 F= 0.0

250+50.00

PR ROW 918.04 — EX ROW 908.90 — 912.22 — 912.54 — 909.12 — 916.41 — PR ROW
1:3 — 1:4 — -4% — -2% — -1.5% — 1.5% — -1.5% — C= 819.7 F= 0.0

250+00.00

PR ROW 919.43 — EX ROW 910.10 — 913.42 — 913.73 — 910.29 — 918.44 — PR ROW
1:3 — 1:4 — -4% — -2% — -1.5% — 1.5% — -1.5% — C= 893.9 F= 0.0

249+50.00

PR ROW 920.44 — EX ROW 911.10 — 914.42 — 914.71 — 911.25 — 920.21 — PR ROW
1:3 — 1:4 — -4% — -2% — -1.5% — 1.5% — -1.5% — C= 953.0 F= 0.0

DEPTH OF UTILITIES ARE ESTIMATED
AND HAVE NOT BEEN VERIFIED
ACTUAL DEPTHS ARE UNKNOWN

MODEL: Default
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The Upchurch Group
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Professional Design Firm Corporation License No. 184-003401
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e-mail: upchurchgroup@upchurchgroup.com

USER NAME = Sta42	DESIGNED - SJF	REVISED -
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -

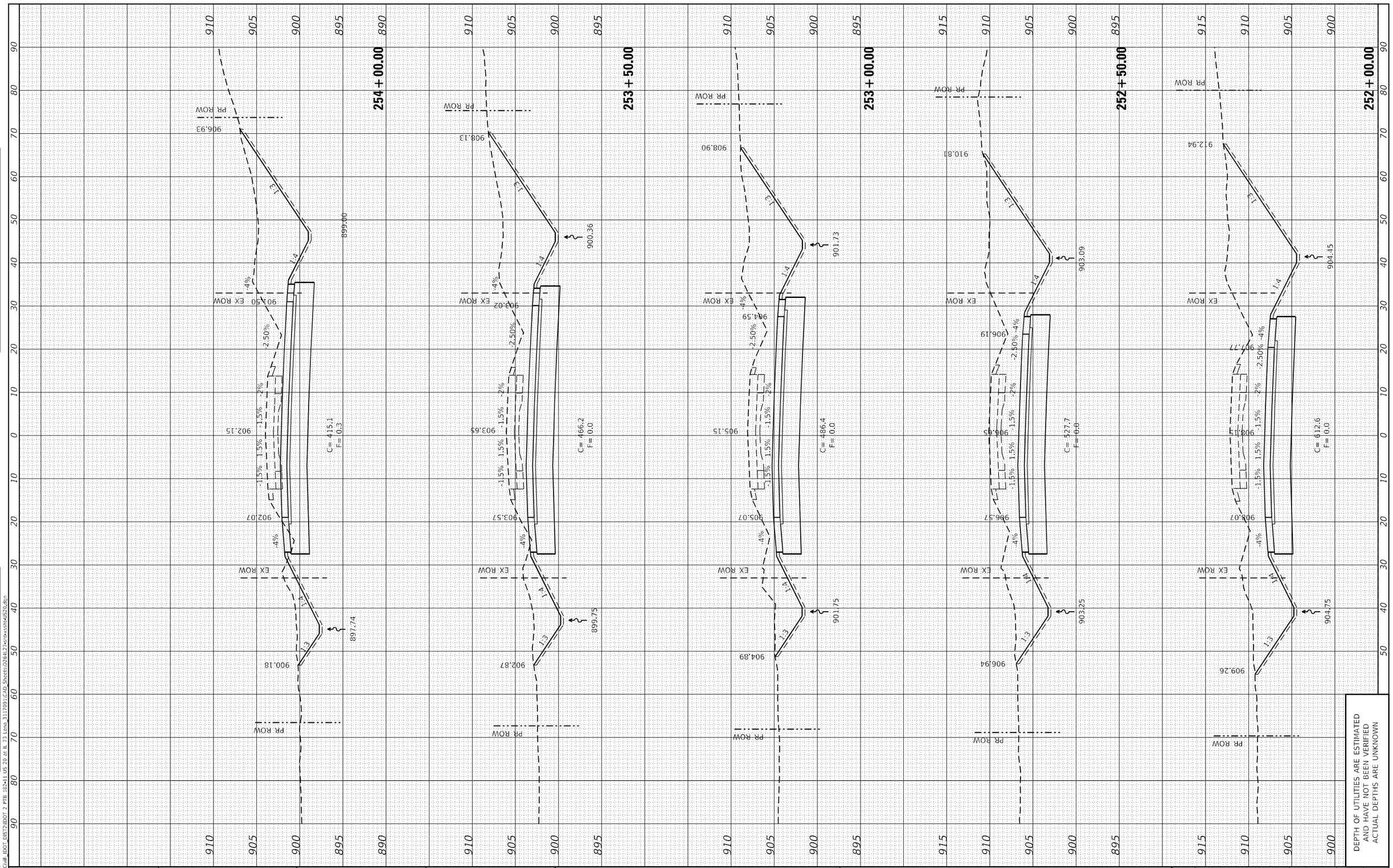
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
CROSS SECTIONS

SCALE: 20.0000 ' / in | SHEET 6 OF 32 SHEETS | STA. 249+50.00 TO STA. 251+50.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	219
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087



DEPTH OF UTILITIES ARE ESTIMATED AND HAVE NOT BEEN VERIFIED ACTUAL DEPTHS ARE UNKNOWN

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	AREAS CHECKED		

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TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

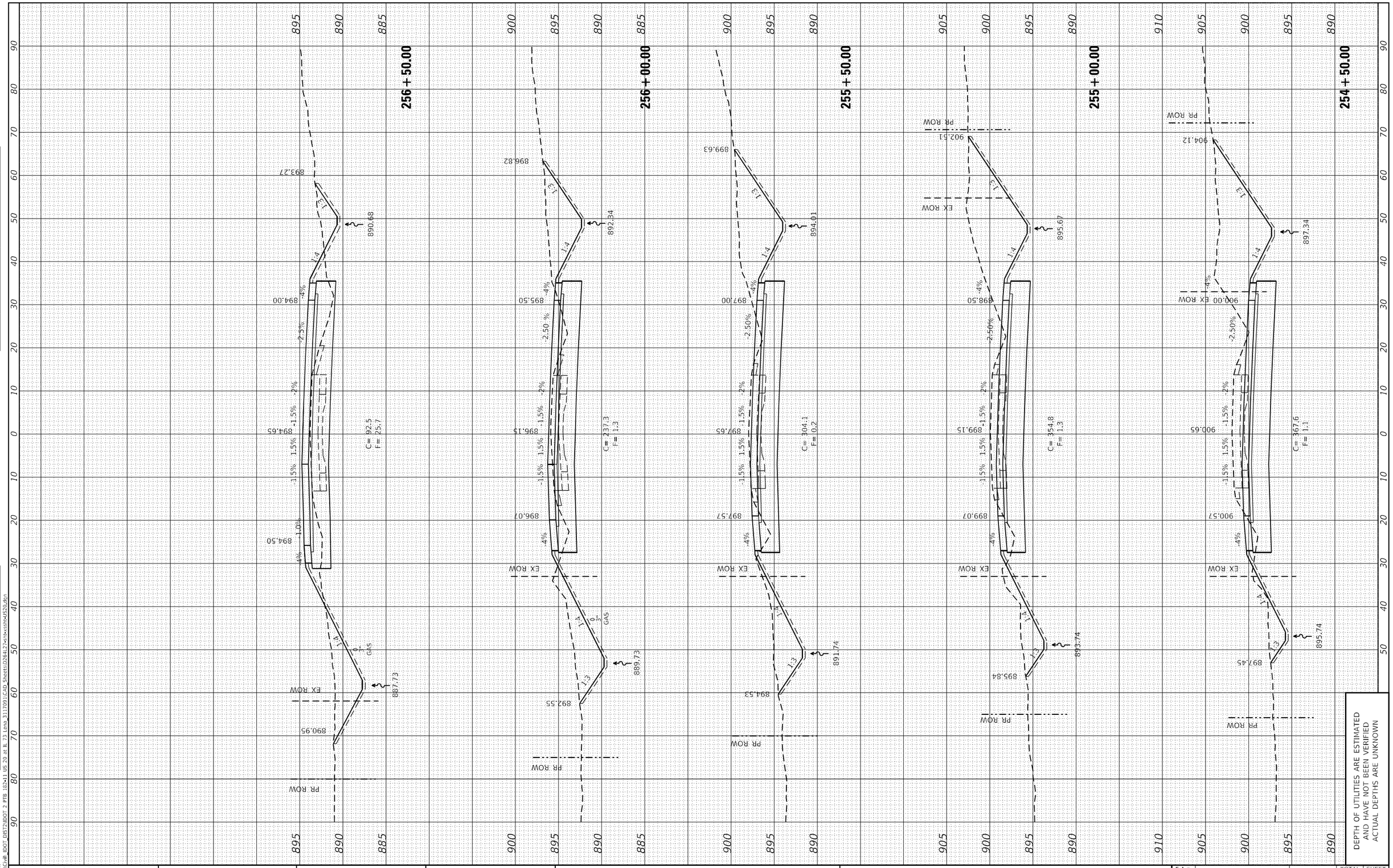
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 7 OF 32 SHEETS | STA. 252+00.00 TO STA. 254+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	220
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087



FINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

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TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 8 OF 32 SHEETS | STA. 254+50.00 TO STA. 256+50.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	221
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

890 885 880 875

PR ROW
EX ROW
882.53
881.93
3" Ø GAS
VAR
-4%
888.54
-2%
-1.5%
1.5%
-1.5%
888.85
-1.55%
888.53
-4%
VAR
VAR
889.08
C= 0.0
F= 160.4
882.95

258 + 50.00

890 885 880

EX ROW
3" Ø GAS
882.59
VAR
VAR
-4%
890.02
0.44 %
-1.5%
1.5%
-1.5%
-2%
890.17
-0.1%
889.86
-4%
VAR
VAR
C= 2.4
F= 132.0
884.02

258 + 00.00

875 895 890 885 880

PR ROW
889.69
EX ROW
3" Ø GAS
883.06
VAR
VAR
-4%
892.57
-1.7%
-1.5%
1.5%
-1.5%
-2%
893.15
-1.8%
892.40
-4%
VAR
VAR
C= 7.0
F= 61.2
887.55

257 + 50.00

257 + 00.00

895 890 885 880

891.57
-1.5%
1.5%
-1.5%
-2%
891.65

110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

DEPTH OF UTILITIES ARE ESTIMATED
AND HAVE NOT BEEN VERIFIED
ACTUAL DEPTHS ARE UNKNOWN

FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

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e-mail: upchurchgroup@upchurchgroup.com

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TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -

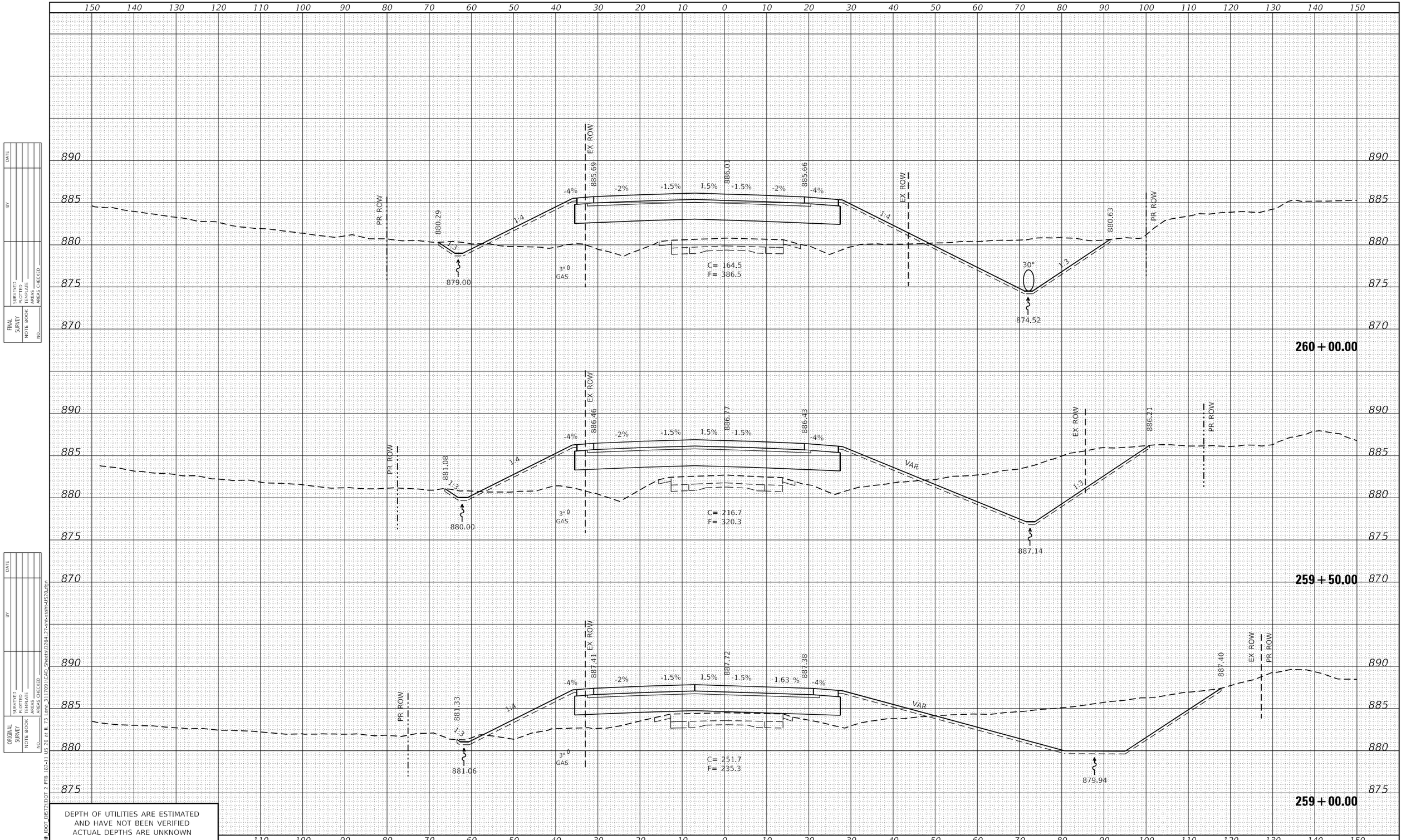
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 9 OF 32 SHEETS | STA. 257+00.00 TO STA. 258+50.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	222
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087



DEPTH OF UTILITIES ARE ESTIMATED
AND HAVE NOT BEEN VERIFIED
ACTUAL DEPTHS ARE UNKNOWN

FINAL SURVEY	NOTE BOOK	NO.
ORIGINAL SURVEY	NOTE BOOK	NO.

	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

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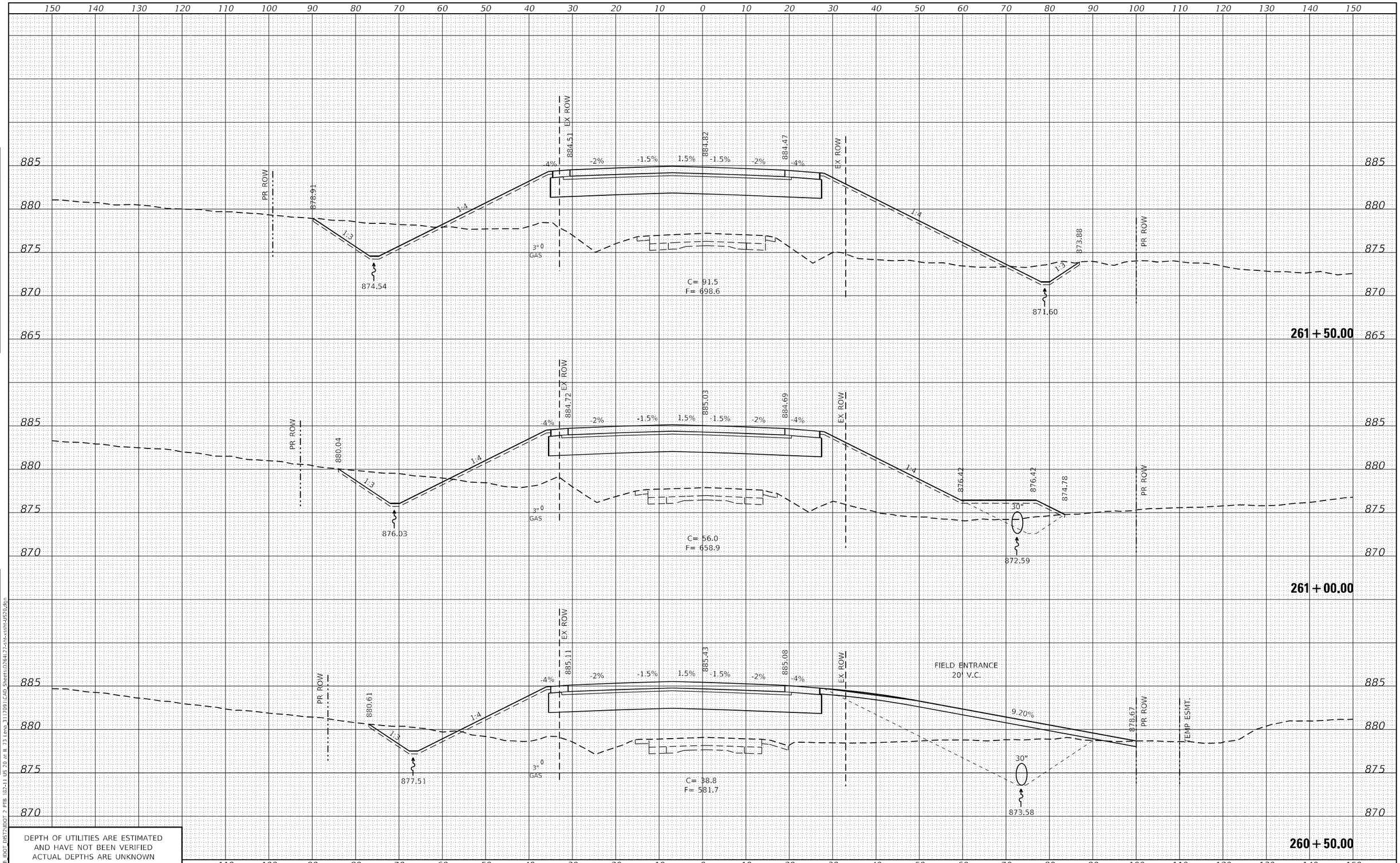
Mattoon, IL 61938
Phone: 217.235.3177
e-mail: upchurchgroup@upchurchgroup.com

USER NAME = Sta42	DESIGNED - SJF	REVISED -	**STATE OF ILLINOIS**	**U.S. ROUTE 20**	
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	**DEPARTMENT OF TRANSPORTATION**	**CROSS SECTIONS**	
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -		SCALE: 20.0000 ' / in. SHEET 10 OF 32 SHEETS STA. 259+00.00 TO STA. 260+00.00	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -			

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
"	(22, 107)R	STEPHENSON	277	223
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087



DEPTH OF UTILITIES ARE ESTIMATED
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ACTUAL DEPTHS ARE UNKNOWN

FINAL SURVEY — ORIGINAL SURVEY

NO.	NOTE BOOK	SURVEYED	PLOTTED	TEMPLATE	AREAS	AREAS CHECKED	BY	DATE

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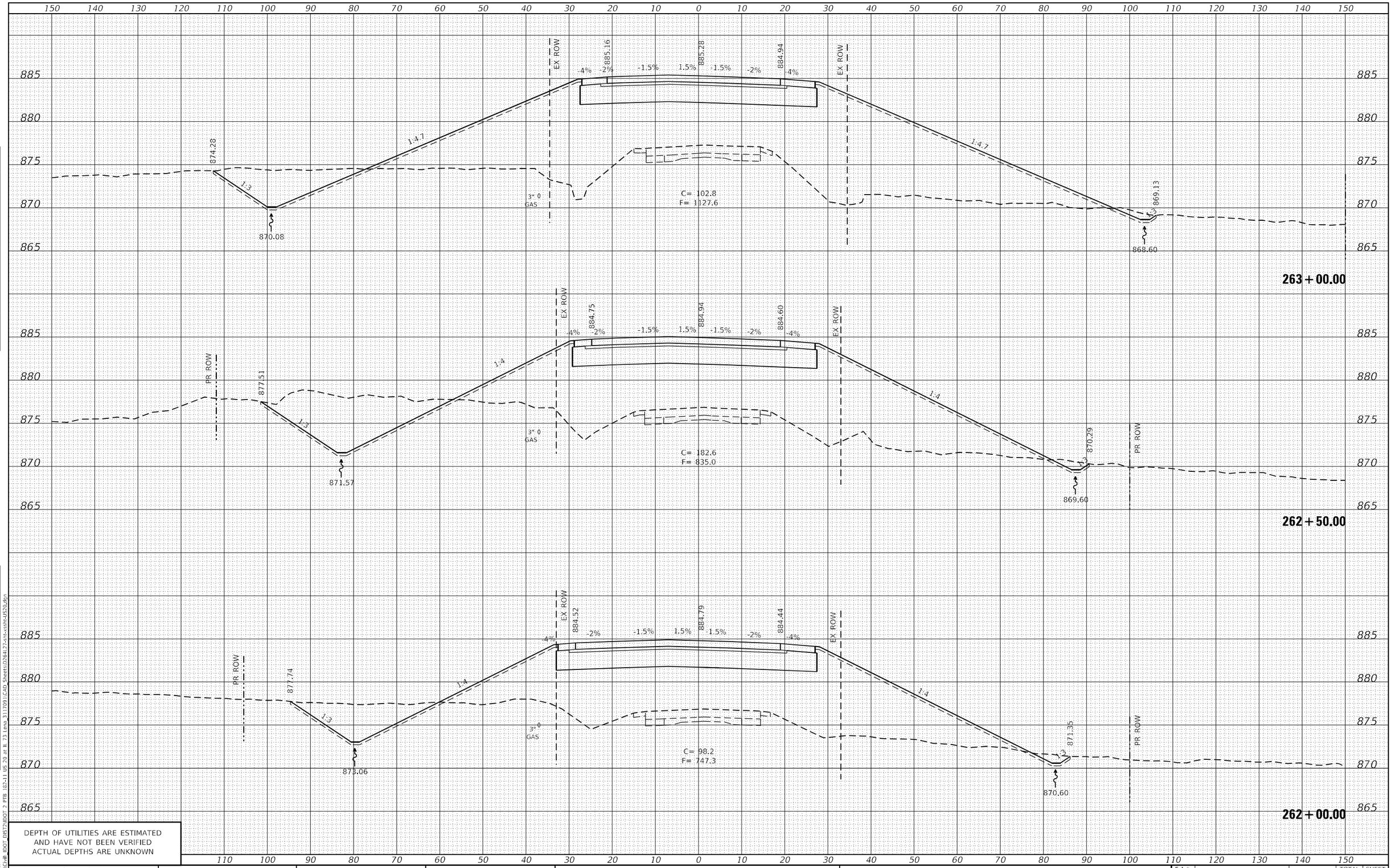
USER NAME = Sta42	DESIGNED - SJF	REVISED -	**STATE OF ILLINOIS**	**U.S. ROUTE 20**
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	**DEPARTMENT OF TRANSPORTATION**	**CROSS SECTIONS**
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -		SCALE: 20.0000 ' / in. SHEET 11 OF 32 SHEETS STA. 260+50.00 TO STA. 261+50.00
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -		

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	224
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087



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ACTUAL DEPTHS ARE UNKNOWN

FINAL SURVEY — SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE | NOTE BOOK | NO.

ORIGINAL SURVEY — SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE | NOTE BOOK | NO.

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USER NAME = Sta42	DESIGNED - SJF	REVISED -	
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

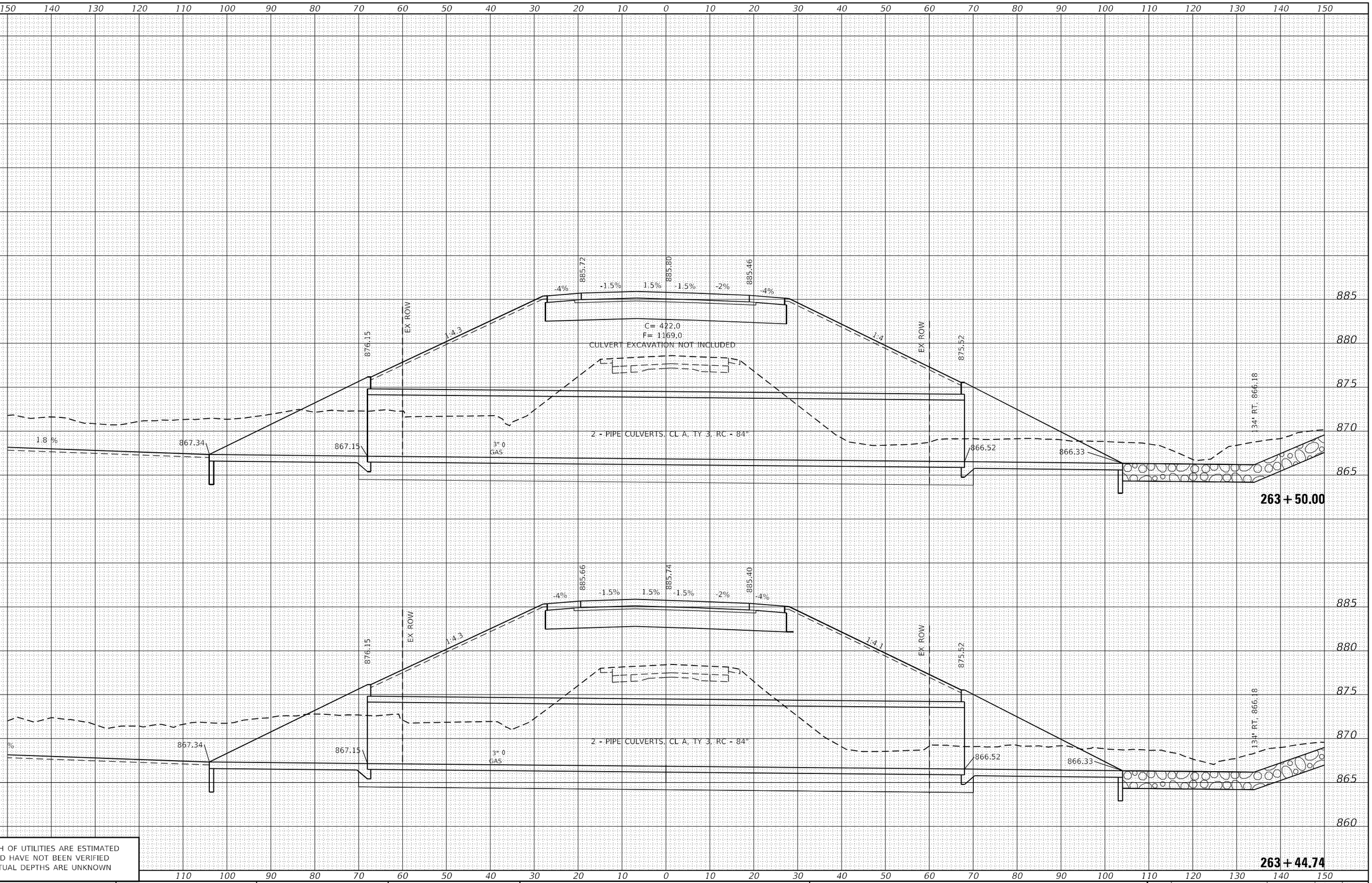
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 12 OF 32 SHEETS | STA. 262+00.00 | TO STA. 263+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	225
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087



DEPTH OF UTILITIES ARE ESTIMATED
AND HAVE NOT BEEN VERIFIED
ACTUAL DEPTHS ARE UNKNOWN

FINAL SURVEY — NOTE BOOK — NO. — BY — DATE
SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED

ORIGINAL SURVEY — NOTE BOOK — NO. — BY — DATE
SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED

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USER NAME = Sta42	DESIGNED - SJF	REVISED -
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -

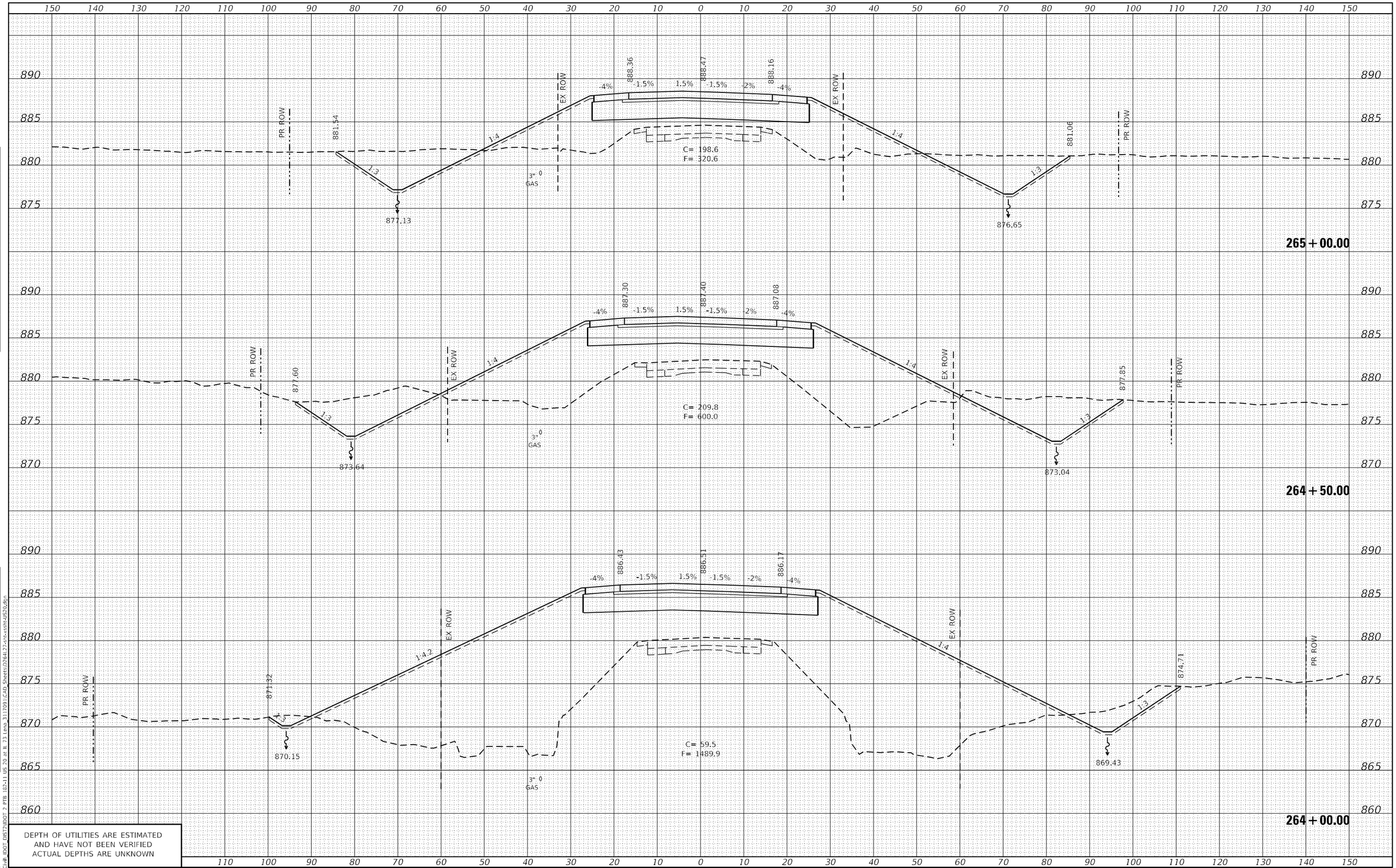
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 13 OF 32 SHEETS | STA. 263+50.00 | TO STA. 263+50.15

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
"	(22, 107)R	STEPHENSON	277	226
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087



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ACTUAL DEPTHS ARE UNKNOWN

USER NAME = Sta42	DESIGNED - SJF	REVISED -	
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 14 OF 32 SHEETS | STA. 263+69.45 | TO STA. 264+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	227
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087

ORIGINAL SURVEY | NOTE BOOK | NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

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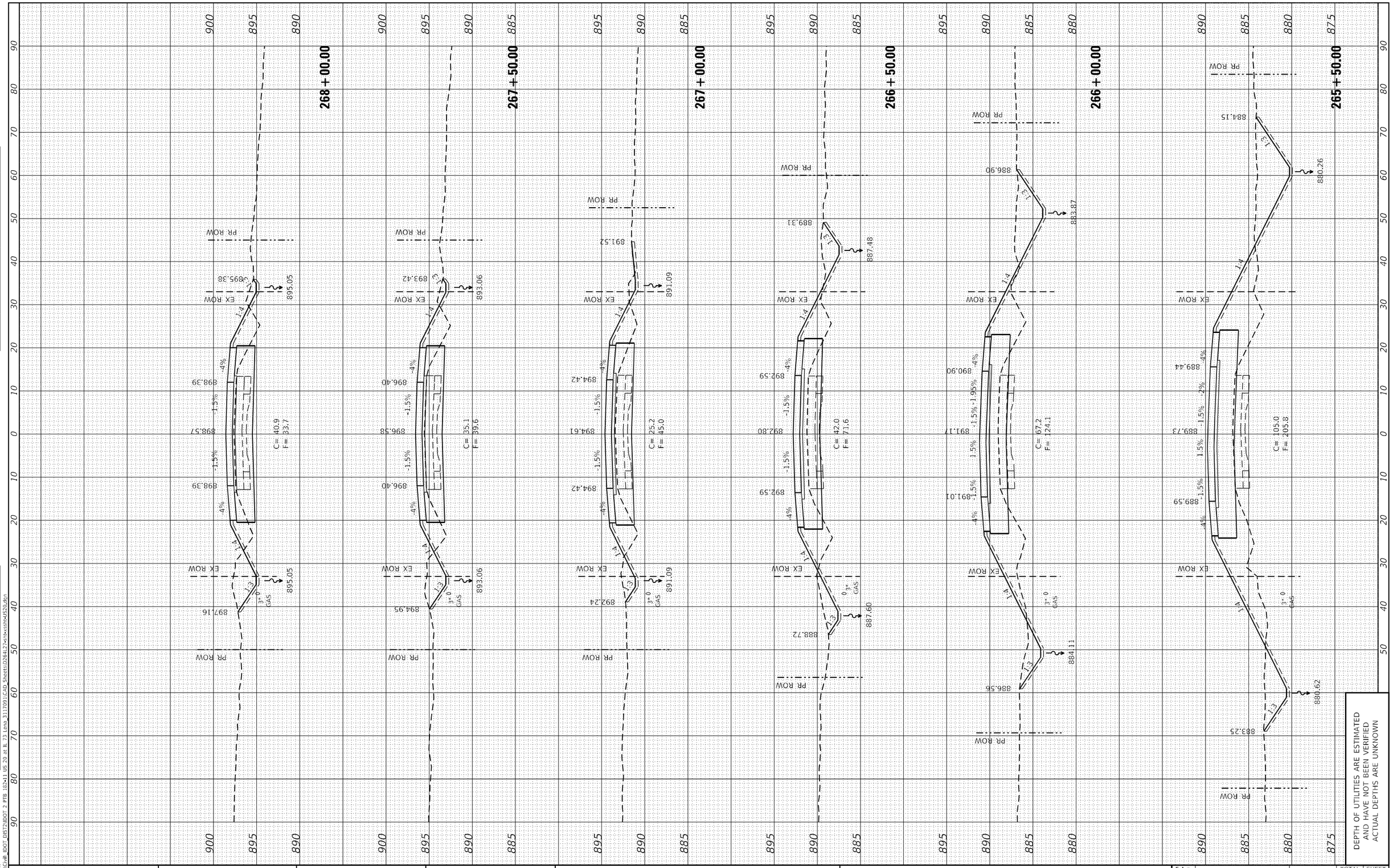

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ACTUAL DEPTHS ARE UNKNOWN

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	AREAS CHECKED		

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PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

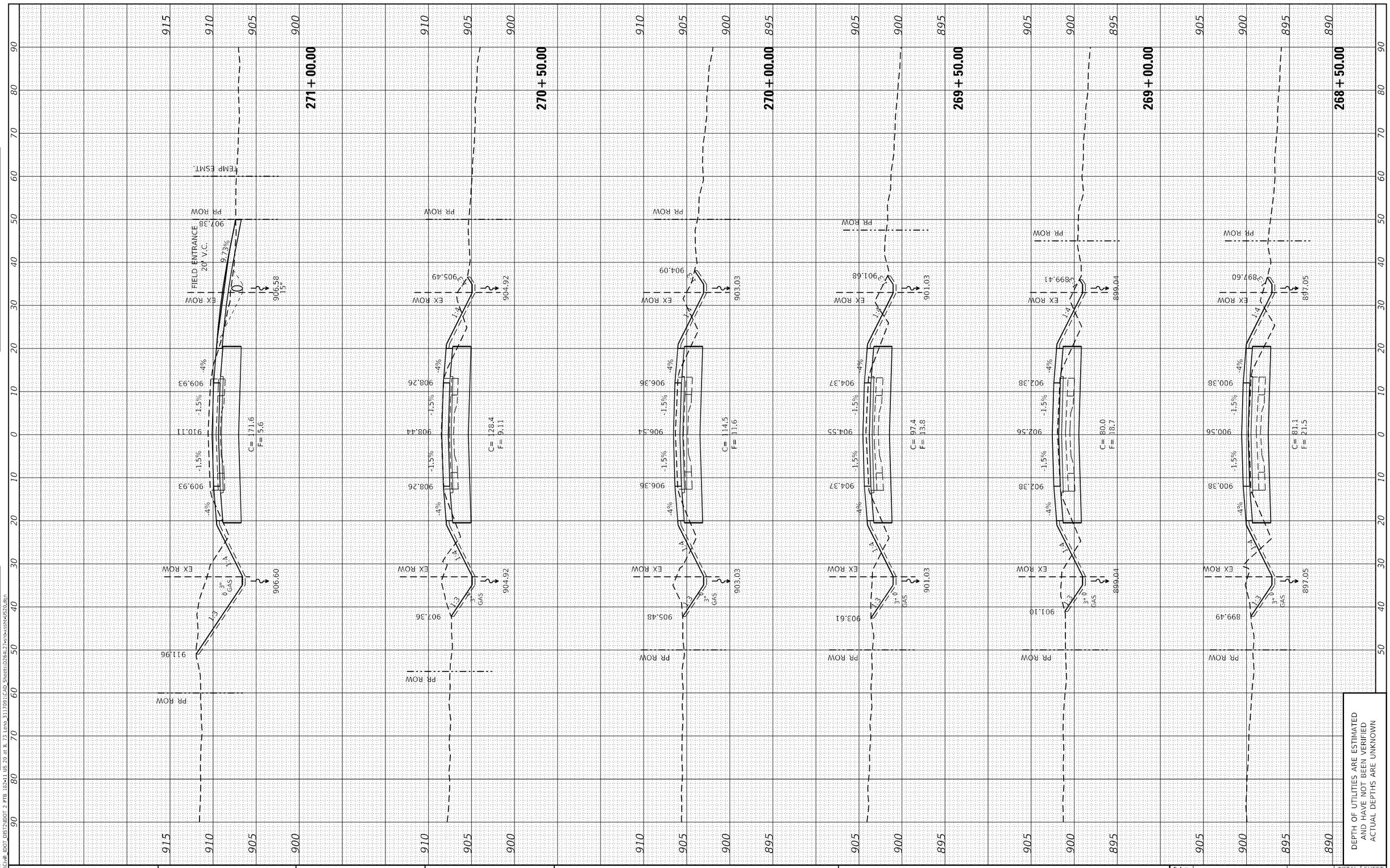
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
CROSS SECTIONS

SCALE: 20.0000 ' / in | SHEET 15 OF 32 SHEETS | STA. 265+50.00 TO STA. 268+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	228
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087



DEPTH OF UTILITIES ARE ESTIMATED
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ACTUAL DEPTHS ARE UNKNOWN

FINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

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TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
CROSS SECTIONS

SCALE: 20.0000 ' / in | SHEET 16 OF 32 SHEETS | STA. 268+50.00 TO STA. 271+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	229
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	AREAS CHECKED		

MODEL: Default
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273+75.70

ENTRANCE CROSS SECTION

EX ROW — 913.41 — 1:4 — 1:3 — F.O. — 911.93 — PR ROW

-4% — 915.26 — -1.5% — 915.44 — -1.5% — 915.26 — -4% — 5.81%

COMMERCIAL ENTRANCE
20' V.C.

EX ROW — 1:4 — 1:3 — 3" GAS — 911.93 — PR ROW

273+50.00

EX ROW — 913.23 — 1:4 — 1:3 — F.O. — 911.71 — PR ROW

-4% — 915.05 — -1.5% — 915.22 — -1.5% — 915.05 — -4% — 916.10

C= 226.5
F= 0.0

TEMP ESMT

EX ROW — 1:4 — 1:3 — 3" GAS — 911.71 — PR ROW

273+00.00

EX ROW — 912.77 — 1:4 — 1:3 — F.O. — 911.12 — PR ROW

-4% — 914.46 — -1.5% — 914.64 — -1.5% — 914.46 — -4% — 915.51

C= 224.2
F= 0.0

EX ROW — 1:4 — 1:3 — 3" GAS — 911.12 — PR ROW

272+50.00

EX ROW — 911.76 — 1:4 — 1:3 — F.O. — 910.32 — PR ROW

-4% — 913.65 — -1.5% — 913.83 — -1.5% — 913.65 — -4% — 914.33

C= 210.2
F= 0.0

EX ROW — 1:4 — 1:3 — 3" GAS — 910.32 — PR ROW

272+00.00

EX ROW — 910.29 — 1:4 — 1:3 — 909.30 — PR ROW

-4% — 912.63 — -1.5% — 912.81 — -1.5% — 912.63 — -4% — 913.14

C= 186.6
F= 1.2

EX ROW — 1:4 — 1:3 — 3" GAS — 909.30 — PR ROW

271+50.00

EX ROW — 908.84 — 1:4 — 1:3 — 908.06 — PR ROW

-4% — 911.39 — -1.5% — 911.57 — -1.5% — 911.39 — -4% — 911.99

C= 167.6
F= 5.7

EX ROW — 1:4 — 1:3 — 3" GAS — 908.06 — PR ROW

DEPTH OF UTILITIES ARE ESTIMATED
AND HAVE NOT BEEN VERIFIED
ACTUAL DEPTHS ARE UNKNOWN

The Upchurch Group
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Mattoon, IL 61938
Phone: 217.235.3177
e-mail: upchurchgroup@upchurchgroup.com

USER NAME = Sta42	DESIGNED - SJF	REVISED -	
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

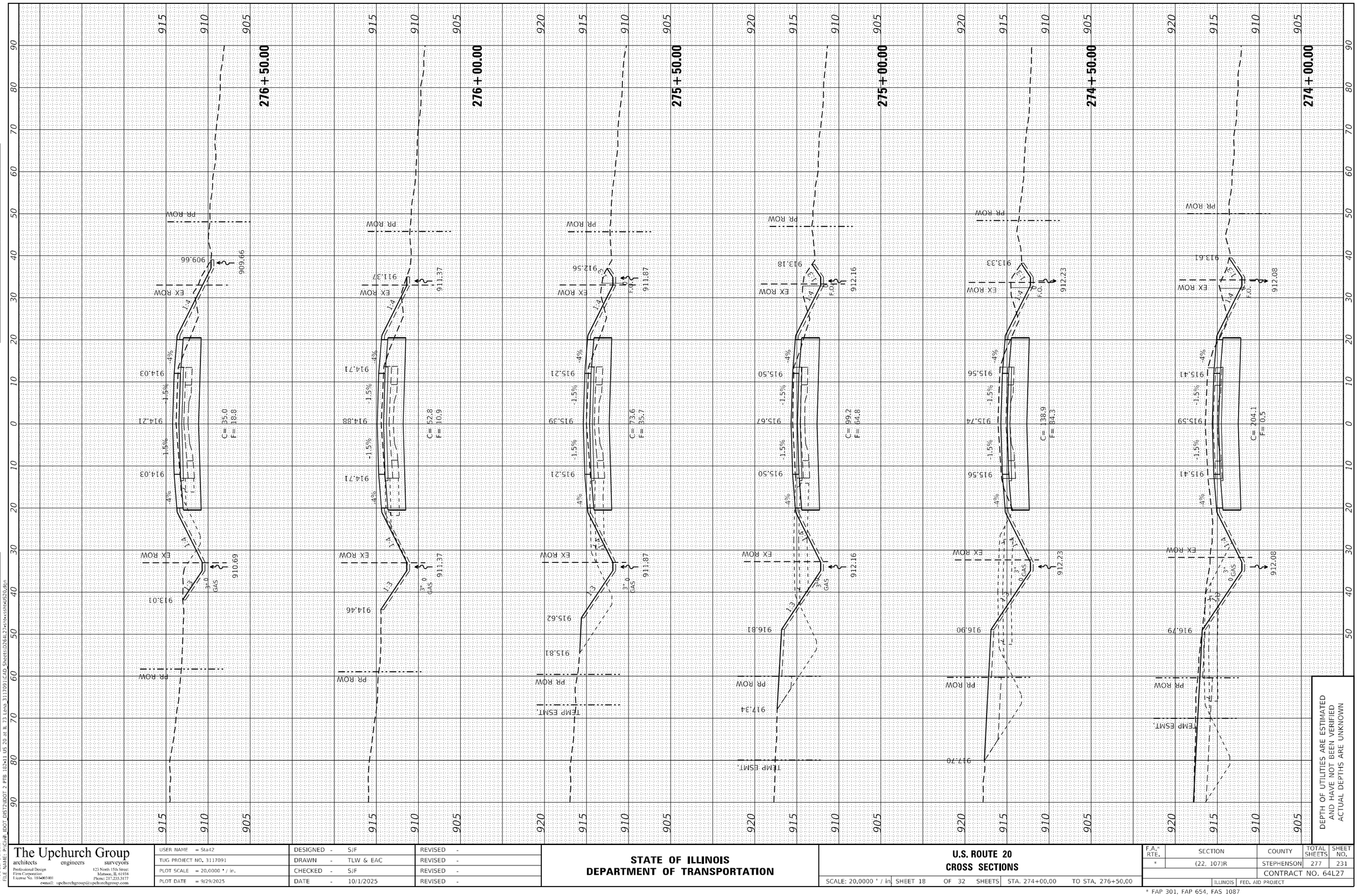
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
CROSS SECTIONS

SCALE: 20.0000 ' / in | SHEET 17 OF 32 SHEETS | STA. 271+50.00 TO STA. 273+75.70

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	230
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087



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	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

ORIGINAL SURVEY	(SURVEYED)	BY	DATE
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

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TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 18 OF 32 SHEETS | STA. 274+00.00 TO STA. 276+50.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	231
		CONTRACT NO. 64L27		
		ILLINOIS	FED. AID PROJECT	

* FAP 301, FAP 654, FAS 1087

FINAL SURVEY	SURVEYED	BY	
	PLOTTED		DATE
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	
	PLOTTED		DATE
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

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279+50.00 | 279+39.65 | 279+00.00 | 278+50.00 | 278+00.00 | 277+50.00 | 277+00.00

TEMP ESMT.
PR ROW
EX ROW
FIELD ENTRANCE
ENTRANCE CROSS SECTION
906.67 | 906.49 | 906.16 | 906.02 | 906.63 | 907.47 | 908.49
906.48 | 906.63 | 907.22 | 907.80 | 908.36 | 908.88 | 909.79
906.25 | 906.38 | 907.28 | 908.39
909.85 | 910.03 | 910.57 | 911.19 | 911.96 | 912.65 | 913.34
910.16 | 910.32 | 910.90 | 911.29 | 912.14 | 912.83 | 913.52
909.76 | 909.91 | 910.50 | 911.08 | 911.96 | 912.65 | 913.34
910.27 | 910.42 | 910.59 | 910.81 | 911.08 | 911.57 | 912.40
10.48% | 11.84%
-4% | -1.5%
1:4 | 1:3
3" GAS | 3"-0 GAS
C= 59.6 F= 4.5 | C= 54.9 F= 5.7 | C= 42.3 F= 18.3 | C= 64.4 F= 22.7 | C= 57.5 F= 17.2 | C= 42.0 F= 17.2

DEPTH OF UTILITIES ARE ESTIMATED AND HAVE NOT BEEN VERIFIED ACTUAL DEPTHS ARE UNKNOWN

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PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

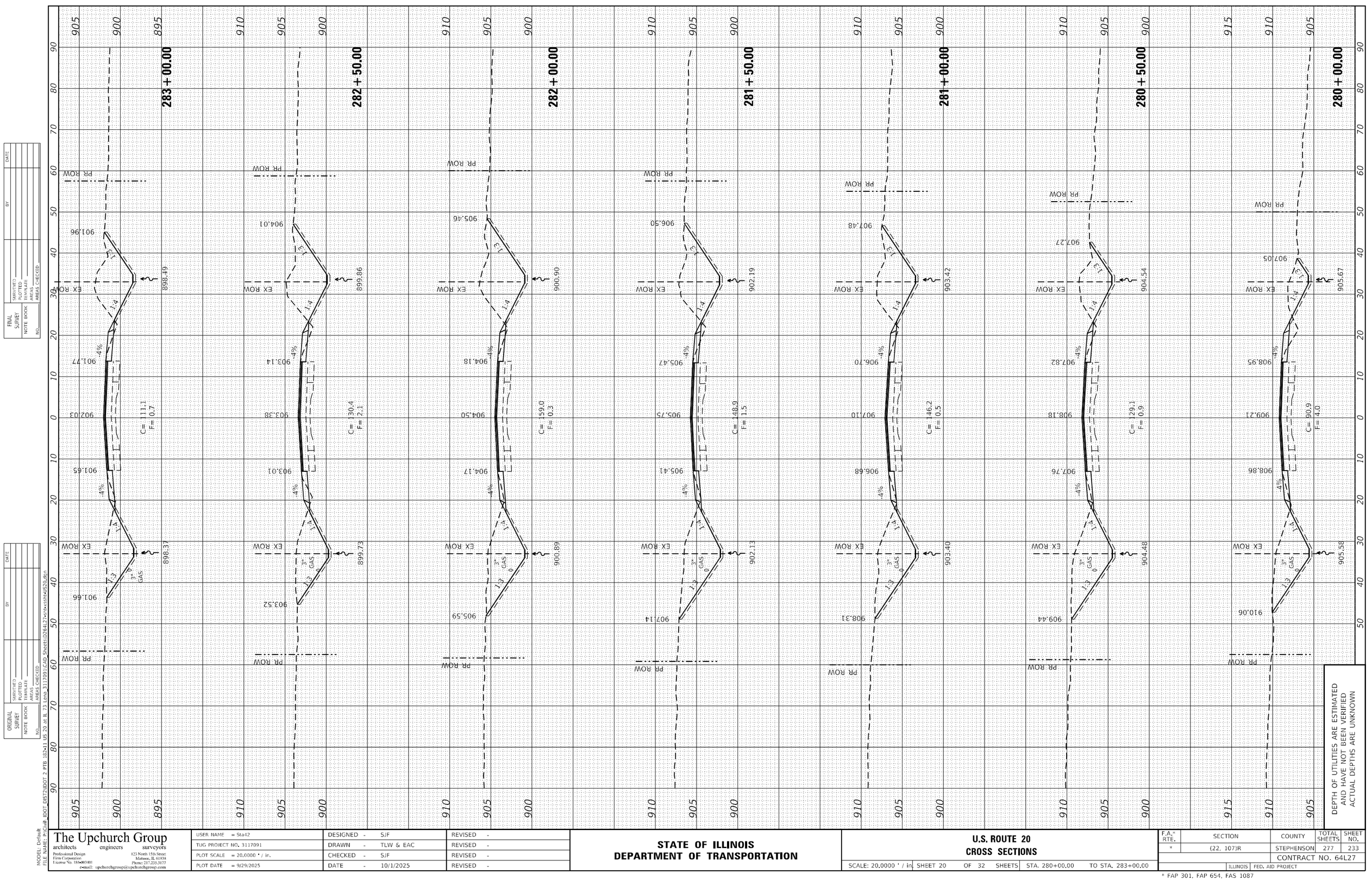
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 19 OF 32 SHEETS | STA. 277+00.00 TO STA. 279+50.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	232
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087



FINAL SURVEY
NOTE BOOK
NO.

(SURVEYED)
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED

BY | DATE

ORIGINAL SURVEY
NOTE BOOK
NO.

(SURVEYED)
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED

BY | DATE

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PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

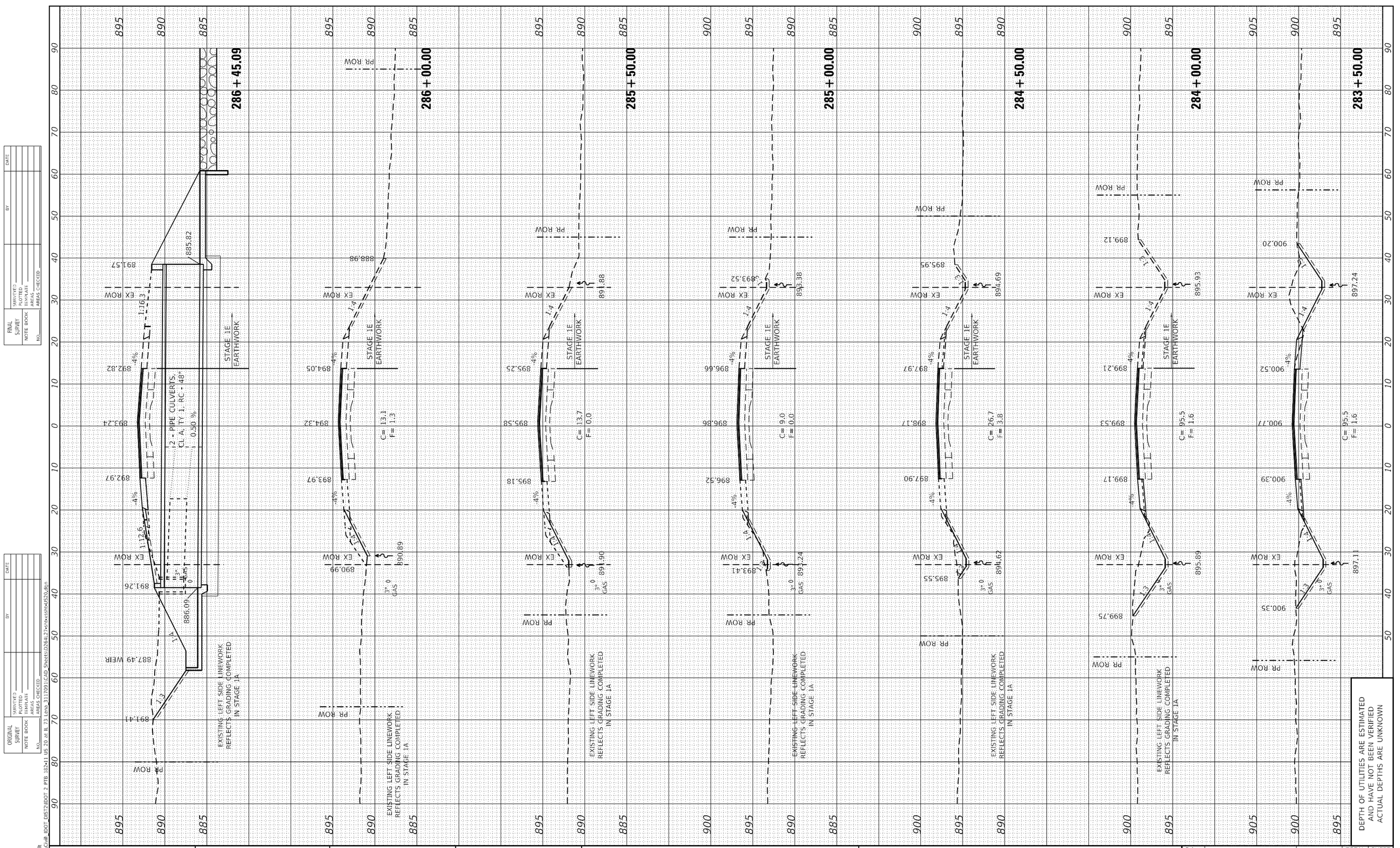
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 20 OF 32 SHEETS | STA. 280+00.00 TO STA. 283+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	233
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087



FINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

DEPTH OF UTILITIES ARE ESTIMATED AND HAVE NOT BEEN VERIFIED ACTUAL DEPTHS ARE UNKNOWN

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PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 21 OF 32 SHEETS | STA. 283+50.00 TO STA. 286+45.09

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	234
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

FINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

MODEL: Default
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289+50.00

EX ROW 882.53 | PR ROW 885.41 | 1:3 | 1:4 | -4% | 885.81 | 886.17 | C= 171.8 F= 0.4 | 885.94 | 889.66 | PR ROW | EXISTING LEFT SIDE LINEWORK REFLECTS GRADING COMPLETED IN STAGE 1A

289+00.00

EX ROW 883.76 | PR ROW 886.85 | 1:3 | 1:4 | -4% | 887.04 | 887.42 | C= 133.2 F= 0.9 | 887.08 | 890.01 | PR ROW | EXISTING LEFT SIDE LINEWORK REFLECTS GRADING COMPLETED IN STAGE 1A

288+50.00

EX ROW 884.91 | PR ROW 887.44 | 1:3 | 1:4 | -4% | 888.19 | 888.63 | C= 117.3 F= 2.0 | STAGE 1E EARTHWORK | 888.31 | 890.71 | PR ROW | EXISTING LEFT SIDE LINEWORK REFLECTS GRADING COMPLETED IN STAGE 1A

288+00.00

EX ROW 886.05 | PR ROW 887.63 | 1:3 | 1:4 | -4% | 889.33 | 889.76 | C= 66.1 F= 0.0 | STAGE 1E EARTHWORK | 889.54 | 891.08 | PR ROW | EXISTING LEFT SIDE LINEWORK REFLECTS GRADING COMPLETED IN STAGE 1A

287+50.00

EX ROW 887.57 | PR ROW 887.87 | 1:3 | 1:4 | -4% | 890.57 | 890.96 | C= 45.9 F= 0.0 | STAGE 1E EARTHWORK | 890.85 | 891.33 | PR ROW | EXISTING LEFT SIDE LINEWORK REFLECTS GRADING COMPLETED IN STAGE 1A

287+00.00

EX ROW 888.96 | PR ROW 889.15 | 1:3 | 1:4 | -4% | 891.70 | 892.09 | C= 21.4 F= 0.4 | STAGE 1E EARTHWORK | 891.91 | 891.03 | PR ROW | EXISTING LEFT SIDE LINEWORK REFLECTS GRADING COMPLETED IN STAGE 1A

286+50.00

EX ROW 891.26 | PR ROW 891.57 | 885.82 | 1:3 | 1:4 | 1:19.5 | -4% | 892.69 | 893.14 | C= 0.0 F= 154.3 | STAGE 1E EARTHWORK | 892.89 | 886.09 | 887.49 WEIR | 891.11 | PR ROW | EXISTING LEFT SIDE LINEWORK REFLECTS GRADING COMPLETED IN STAGE 1A

2 - PIPE CULVERTS, CL A, TY 1, RC - 48" | 1:1.5 | 0 3" GAS

CULVERT EXCAVATION NOT INCLUDED

DEPTH OF UTILITIES ARE ESTIMATED AND HAVE NOT BEEN VERIFIED ACTUAL DEPTHS ARE UNKNOWN

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TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

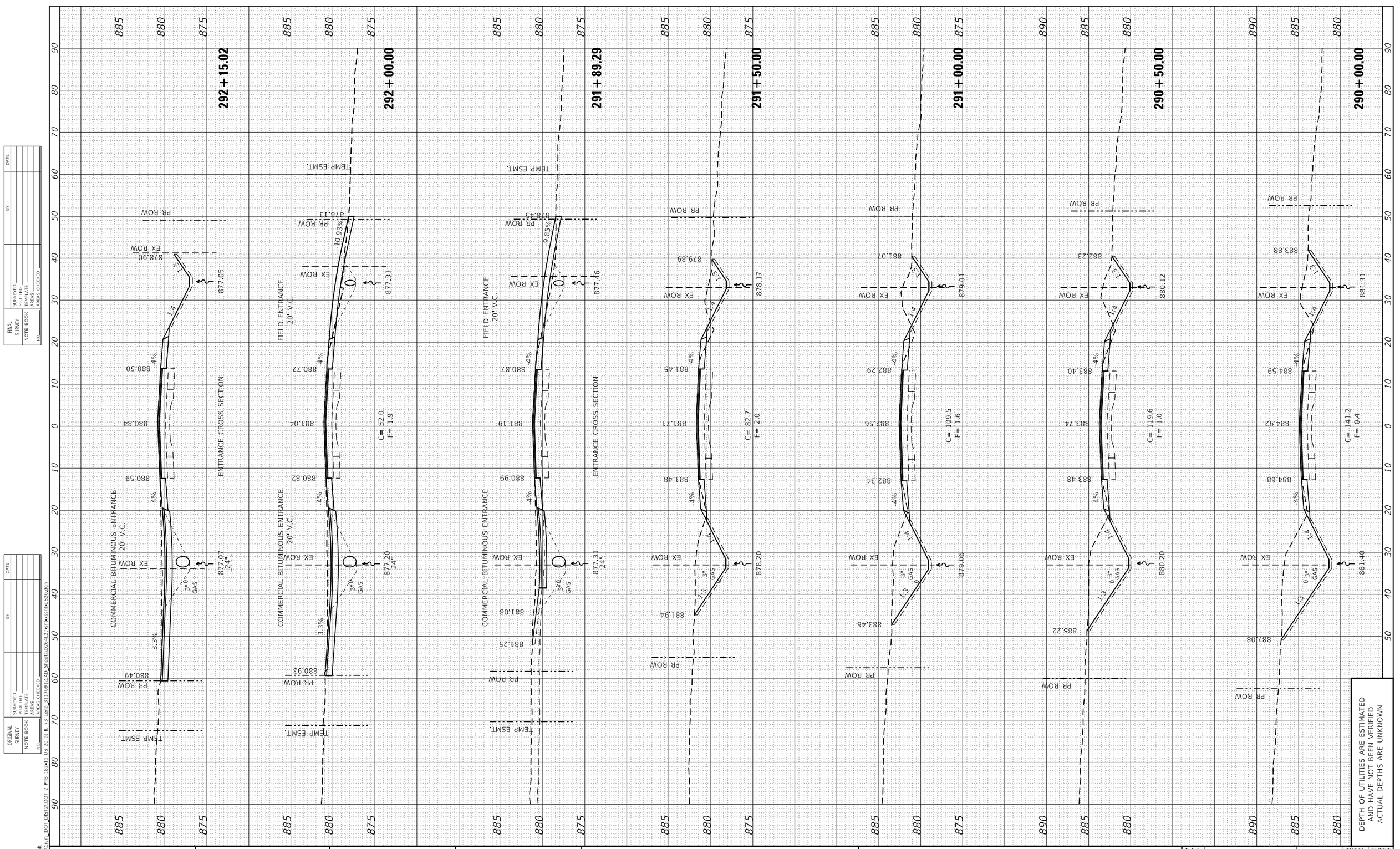
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
CROSS SECTIONS

SCALE: 20.0000 ' / in | SHEET 22 OF 32 SHEETS | STA. 286+50.00 TO STA. 289+50.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	235
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087



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NOTE BOOK | NO.

ORIGINAL SURVEY | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

NOTE BOOK | NO.

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PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

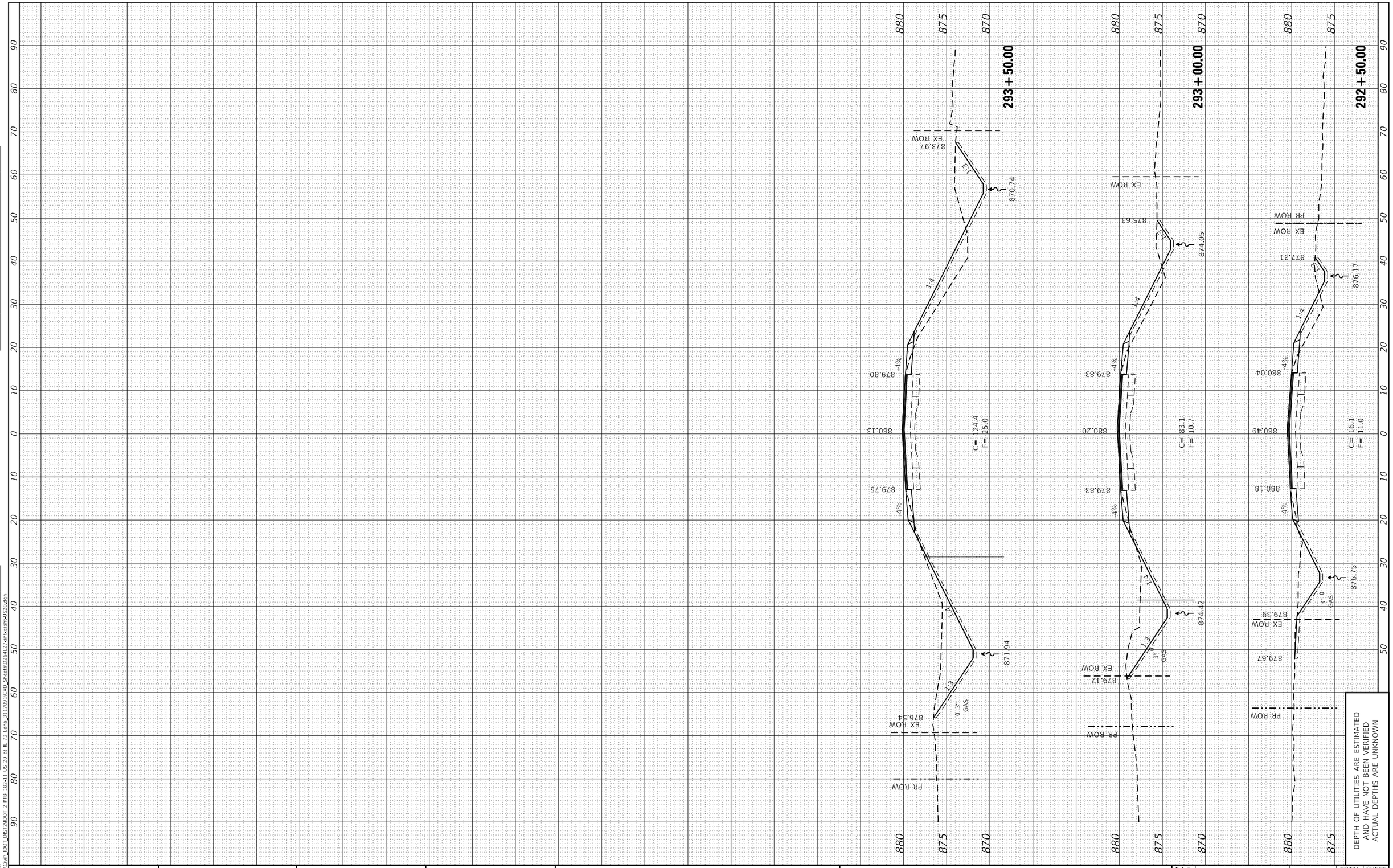
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
CROSS SECTIONS

SCALE: 20.0000 ' / in | SHEET 23 OF 32 SHEETS | STA. 290+00.00 TO STA. 292+15.02

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	236
	CONTRACT NO. 64L27			
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087



FINAL SURVEY

NOTE BOOK	SURVEYED	BY	
NO.	PLOTTED		DATE
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY

NOTE BOOK	SURVEYED	BY	
NO.	PLOTTED		DATE
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

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PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

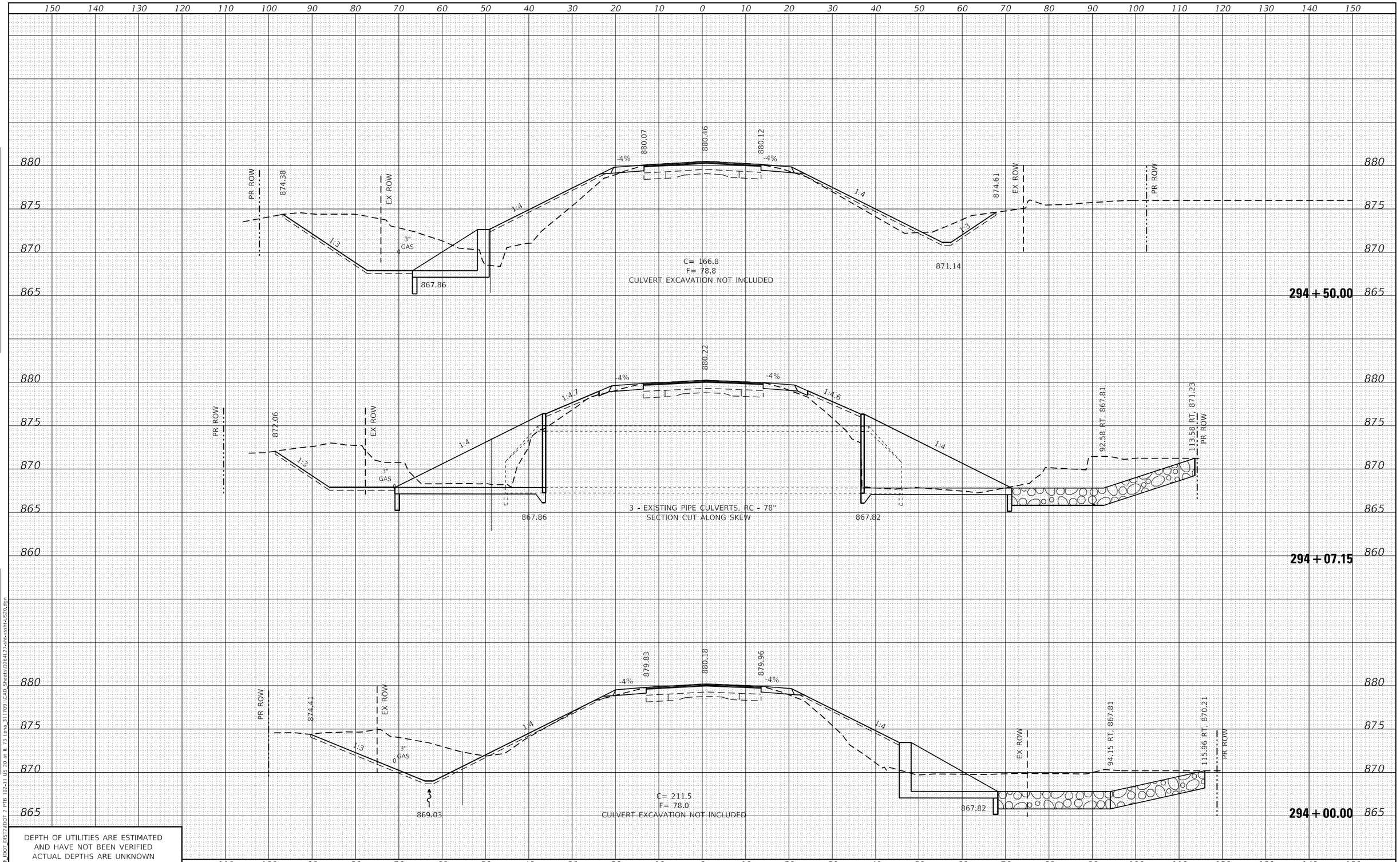
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
CROSS SECTIONS

SCALE: 20.0000 ' / in | SHEET 24 OF 32 SHEETS | STA. 292+50.00 TO STA. 293+50.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	237
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087



DEPTH OF UTILITIES ARE ESTIMATED
AND HAVE NOT BEEN VERIFIED
ACTUAL DEPTHS ARE UNKNOWN

USER NAME = Sta42	DESIGNED - SJF	REVISED -	
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 25 OF 32 SHEETS | STA. 294+00.00 | TO STA. 294+50.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	238
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

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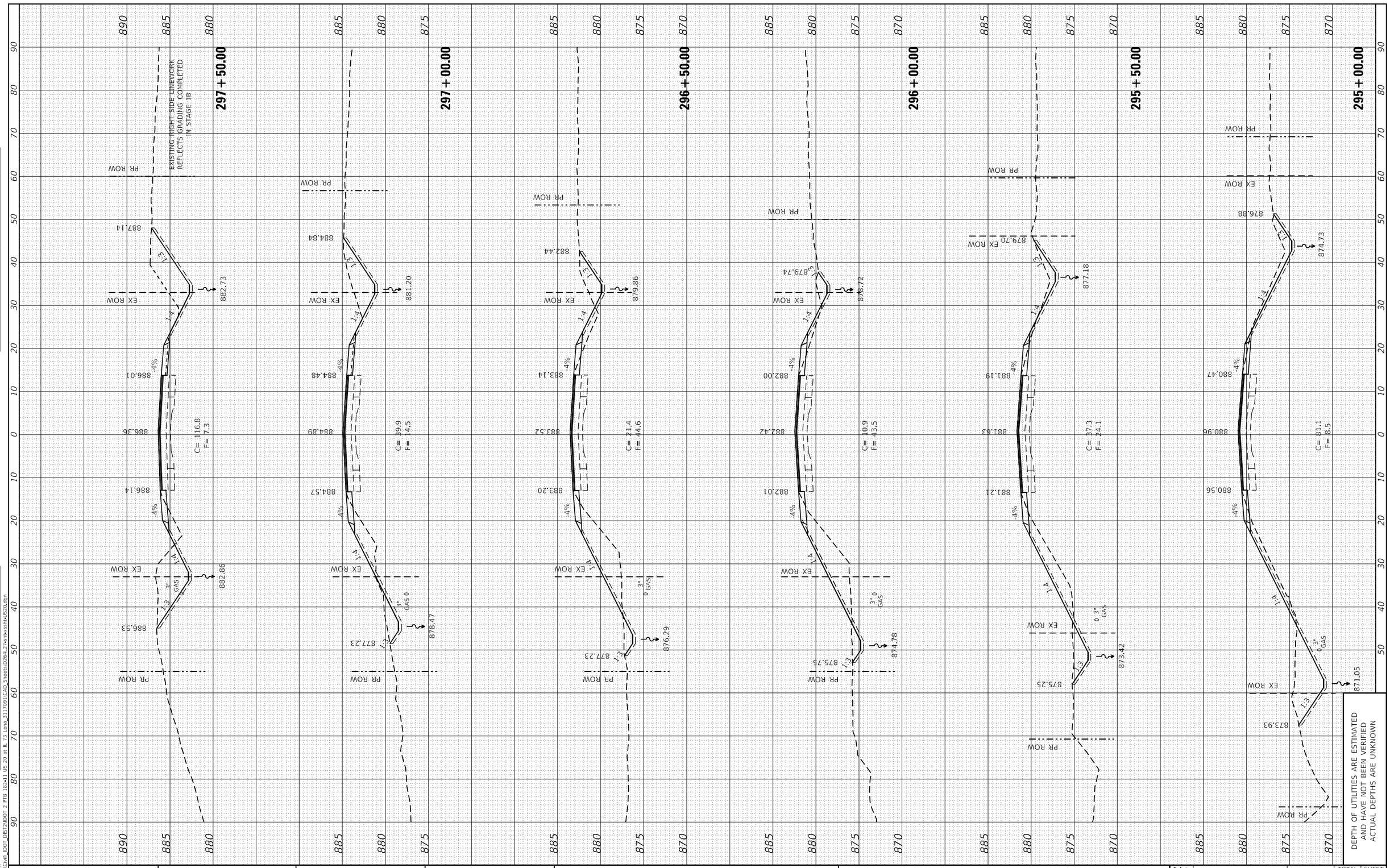

DEPTH OF UTILITIES ARE ESTIMATED
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ACTUAL DEPTHS ARE UNKNOWN

FINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

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TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

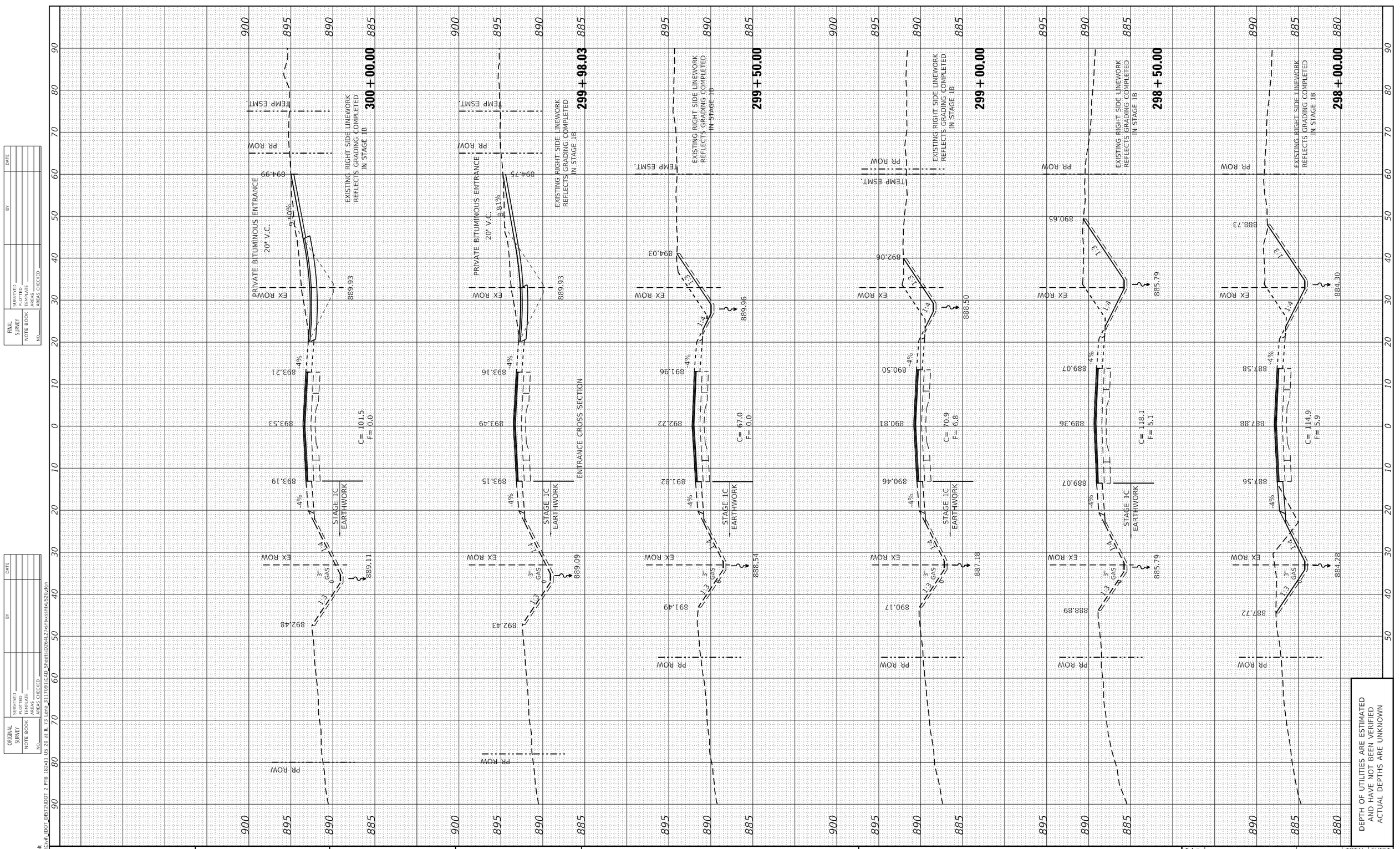
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 26 OF 32 SHEETS | STA. 295+00.00 TO STA. 297+50.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	239
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087



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ACTUAL DEPTHS ARE UNKNOWN

FINAL SURVEY

	SURVEYED	BY	
NOTE BOOK	PLOTTED		DATE
NO.	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY

	SURVEYED	BY	
NOTE BOOK	PLOTTED		DATE
NO.	TEMPLATE		
	AREAS		
	AREAS CHECKED		

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TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

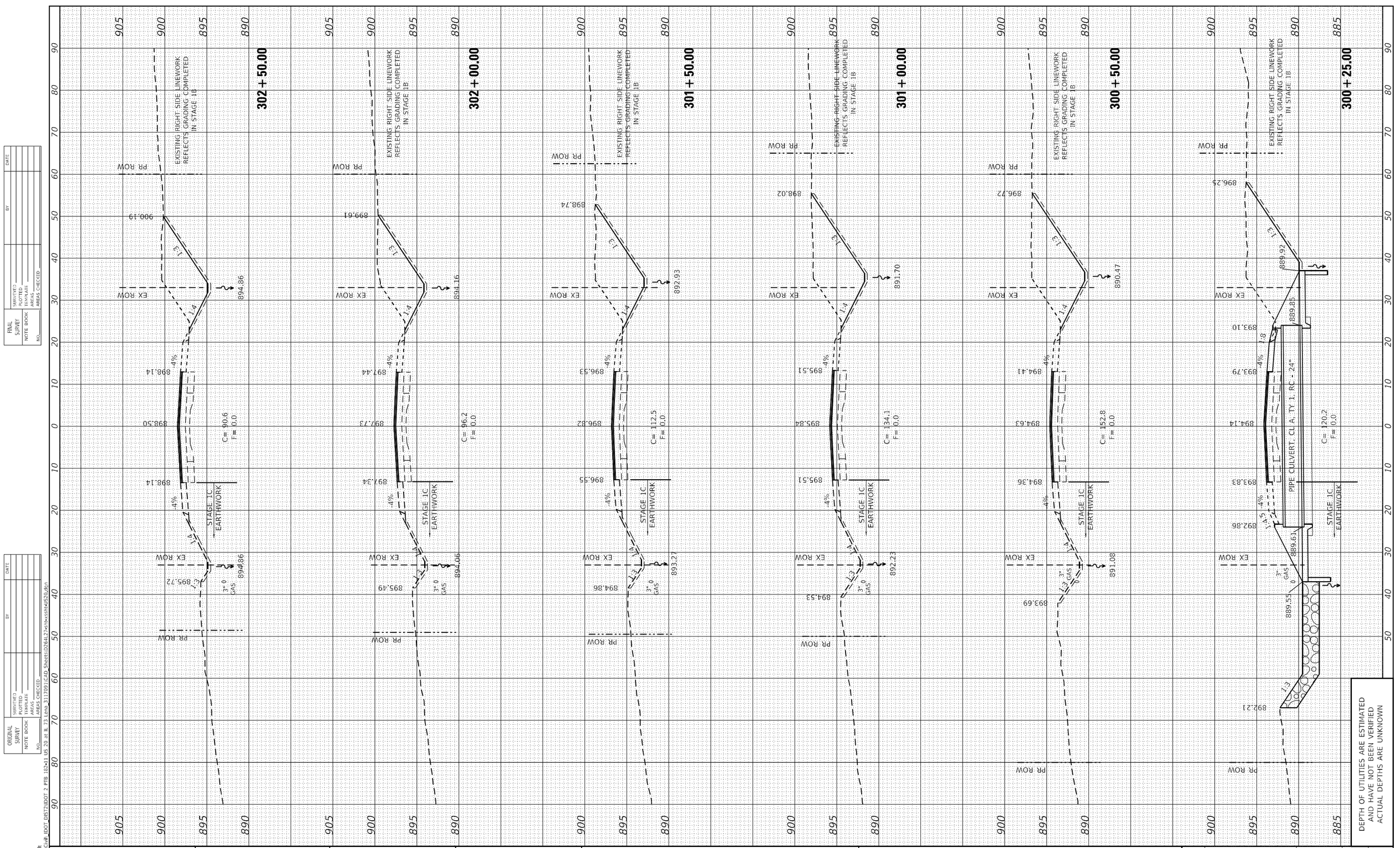
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 27 OF 32 SHEETS | STA. 298+00.00 TO STA. 300+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	240
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087



DEPTH OF UTILITIES ARE ESTIMATED AND HAVE NOT BEEN VERIFIED ACTUAL DEPTHS ARE UNKNOWN

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	AREAS CHECKED		

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e-mail: upchurchgroup@upchurchgroup.com

USER NAME = Sta42	DESIGNED - SJF	REVISED -
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 28 OF 32 SHEETS | STA. 300+25.00 TO STA. 302+50.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	241
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087

FINAL SURVEY | NOTE BOOK: | NO.: | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

ORIGINAL SURVEY | NOTE BOOK: | NO.: | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

MODEL: Default
FILE NAME: P:\Civil_IDOT_DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Lena 3117091\CAD Sheets\D2641Z7+cm+xssm+HUS20.dgn

305 + 00.00

EXISTING RIGHT SIDE LINEWORK REFLECTS GRADING COMPLETED IN STAGE 1B

PR ROW
EX ROW
901.58
900.48
900.85
898.13
900.48
C= 31.1
F= 0.0
STAGE 1C EARTHWORK
3" GAS

304 + 50.00

EXISTING RIGHT SIDE LINEWORK REFLECTS GRADING COMPLETED IN STAGE 1B

PR ROW
EX ROW
901.59
900.11
900.54
897.30
900.14
C= 49.9
F= 0.0
STAGE 1C EARTHWORK
3" GAS

304 + 00.00

EXISTING RIGHT SIDE LINEWORK REFLECTS GRADING COMPLETED IN STAGE 1B

TEMP ESMT.
PR ROW
EX ROW
901.96
899.76
900.12
896.48
899.73
C= 78.5
F= 0.0
STAGE 1C EARTHWORK
3" GAS

303 + 50.00

EXISTING RIGHT SIDE LINEWORK REFLECTS GRADING COMPLETED IN STAGE 1B

TEMP ESMT.
PR ROW
EX ROW
901.46
899.40
899.71
896.13
899.31
C= 53.6
F= 0.0
STAGE 1C EARTHWORK
3" GAS

303 + 34.29

EXISTING RIGHT SIDE LINEWORK REFLECTS GRADING COMPLETED IN STAGE 1B

FIELD ENTRANCE
20' V.C.
10.87%
TEMP ESMT.
PR ROW
EX ROW
901.36
899.21
899.55
895.93
899.17
ENTRANCE CROSS SECTION
STAGE 1C EARTHWORK
3" GAS

303 + 00.00

EXISTING RIGHT SIDE LINEWORK REFLECTS GRADING COMPLETED IN STAGE 1B

PR ROW
EX ROW
900.65
898.75
899.03
895.47
898.74
C= 73.7
F= 0.0
STAGE 1C EARTHWORK
3" GAS

DEPTH OF UTILITIES ARE ESTIMATED AND HAVE NOT BEEN VERIFIED ACTUAL DEPTHS ARE UNKNOWN

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TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 29 OF 32 SHEETS | STA. 303+00.00 TO STA. 305+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	242
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	AREAS CHECKED		

MODEL: Default
FILE NAME: P:\Civil\ IDOT DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Land_3117091\CAD Sheets\D264127-sht-xsht-U520.dgn

307 + 50.00

EXISTING RIGHT SIDE LINEWORK REFLECTS GRADING COMPLETED IN STAGE 1B

PR ROW

EX ROW

903.24

903.43

903.85

903.44

900.95

C= 26.3
F= 0.0

STAGE 1C EARTHWORK

307 + 00.00

EXISTING RIGHT SIDE LINEWORK REFLECTS GRADING COMPLETED IN STAGE 1B

PR ROW

EX ROW

902.79

902.35

902.91

902.56

900.00

C= 0.0
F= 0.0

PIPE UNDERDRAINS, TYPE 2, 4"

STAGE 1C EARTHWORK

3" GAS

898.82

900.81

58.53' LT. 896.54

70.57' LT. 896.47

75.95' LT. 898.69

896.61

306 + 87.00

EXISTING RIGHT SIDE LINEWORK REFLECTS GRADING COMPLETED IN STAGE 1B

PR ROW

EX ROW

903.29

902.35

902.71

902.34

900.00 WE

C= 84.8
F= 0.0

PIPE CULVERT, CL A, TY 1, RC - EQRS 48"

STAGE 1C EARTHWORK

3" GAS

896.97

901.35

901.63

896.71

896.61

70.57' LT. 896.47

75.95' LT. 898.23

306 + 50.00

EXISTING RIGHT SIDE LINEWORK REFLECTS GRADING COMPLETED IN STAGE 1B

PR RC

EX ROW

902.92

901.81

902.18

901.80

900.68

C= 0.0
F= 0.0

STAGE 1C EARTHWORK

3" GAS

897.82

PR ROW

306 + 00.00

EXISTING RIGHT SIDE LINEWORK REFLECTS GRADING COMPLETED IN STAGE 1B

PR ROW

EX ROW

902.28

901.24

901.64

901.16

899.78

C= 12.2
F= 0.0

STAGE 1C EARTHWORK

3" GAS

896.87

PR ROW

305 + 50.00

EXISTING RIGHT SIDE LINEWORK REFLECTS GRADING COMPLETED IN STAGE 1B

PR ROW

EX ROW

901.34

900.81

901.21

900.83

898.95

C= 22.0
F= 0.0

STAGE 1C EARTHWORK

3" GAS

895.91

PR ROW

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PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

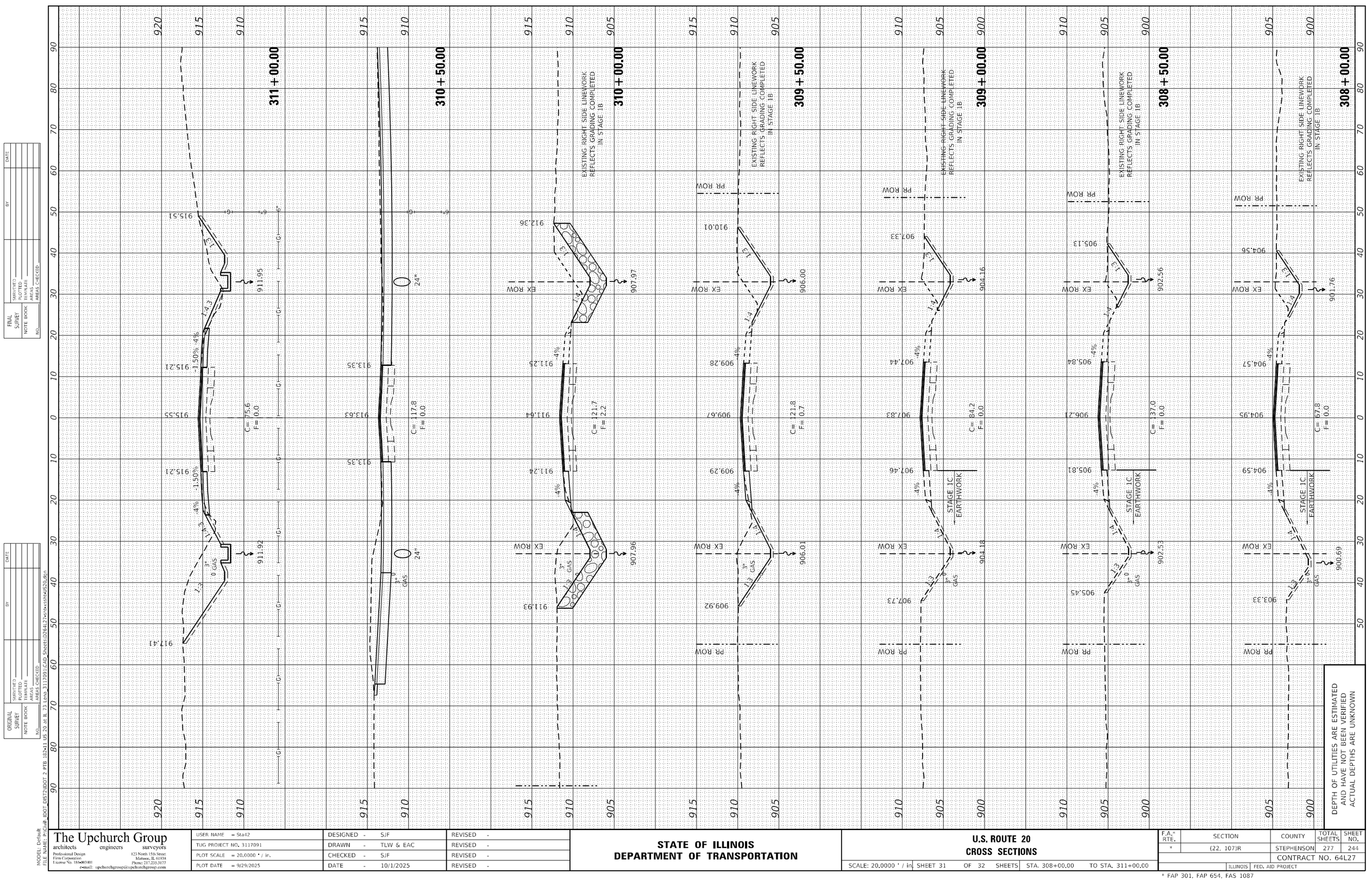
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 30 OF 32 SHEETS | STA. 305+50.00 | TO STA. 307+50.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	243
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087



DEPTH OF UTILITIES ARE ESTIMATED AND HAVE NOT BEEN VERIFIED ACTUAL DEPTHS ARE UNKNOWN

FINAL SURVEY | NOTE BOOK | NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

ORIGINAL SURVEY | NOTE BOOK | NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED

MODEL: Default
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USER NAME = Sta42	DESIGNED - SJF	REVISED -
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -

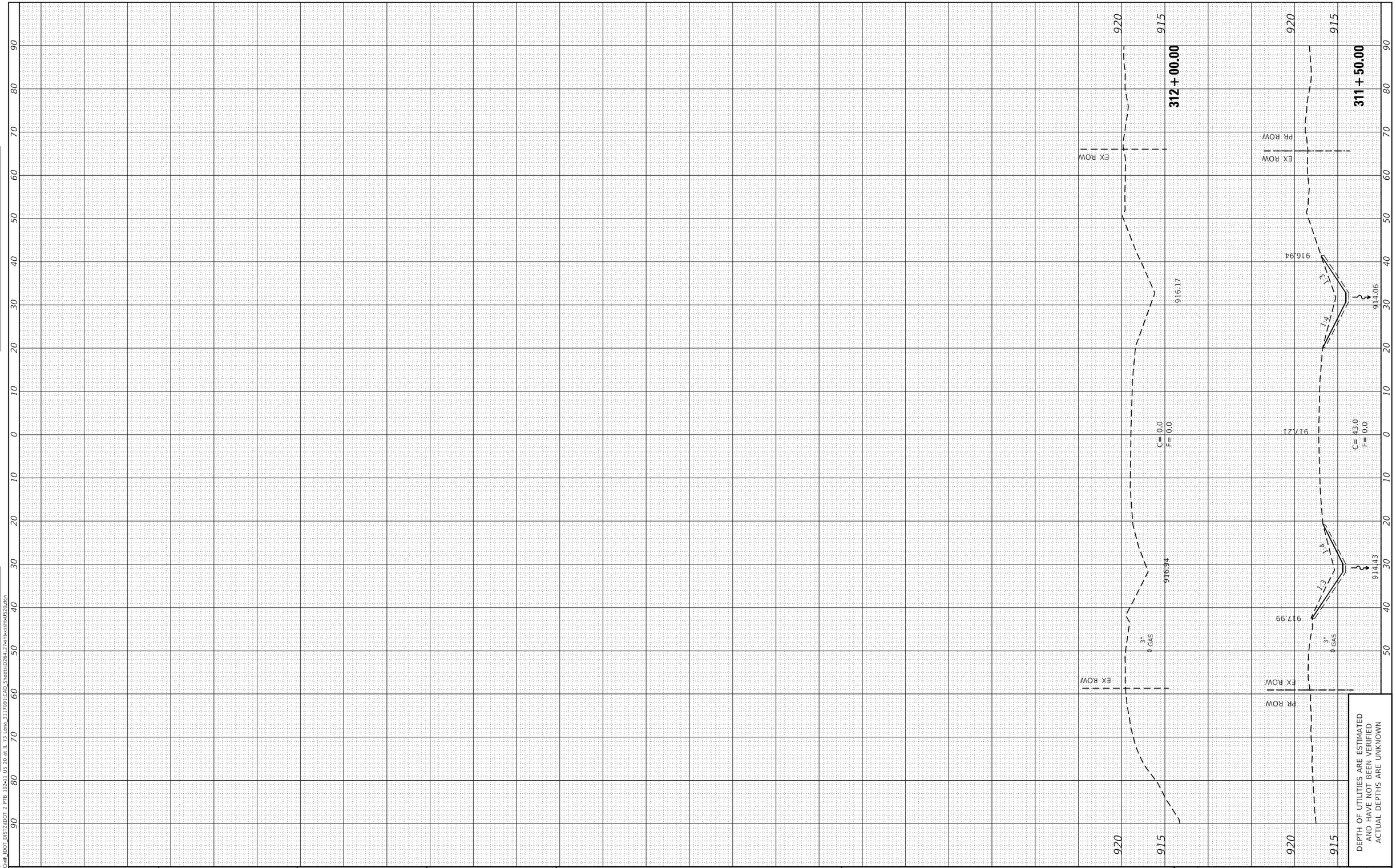
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 31 OF 32 SHEETS | STA. 308+00.00 | TO STA. 311+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	244
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087



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AND HAVE NOT BEEN VERIFIED
ACTUAL DEPTHS ARE UNKNOWN

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	AREAS CHECKED		

MODEL: Default
FILE NAME: P:\Civil_IDOT_DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Lena_3117091\CAD Sheets\D2641_27+sht+xsht+US20.dgn

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TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 32 OF 32 SHEETS | STA. 311+50.00 | TO STA. 312+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	245
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

900
895
890

PR. ROW
EX. ROW
897.06
C= 0.0
F= 0.0
EX. ROW
PR. ROW

570 + 00.00

900
895

EX. ROW
897.36
EX. ROW

569 + 50.00

DEPTH OF UTILITIES ARE ESTIMATED
AND HAVE NOT BEEN VERIFIED
ACTUAL DEPTHS ARE UNKNOWN

905

110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

MODEL: Default
FILE NAME: P:\Civil\ IDOT_DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Lena 3117091\CAD Sheets\D2641277-sht-xssh-IL73.dgn

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USER NAME = Sta42	DESIGNED - SJF	REVISED -
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 73
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 1 OF 20 SHEETS | STA. 568+00.00 TO STA. 570+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	246
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

900
895
890

PR ROW 897.90 EX ROW 895.98 896.11 895.81 893.40 PR ROW EX ROW

1:3 1:4 -4% -1.5% 1.5% -1.5% -2% -4% 1:4 1:3

892.66 C= 155.3 F= 4.4 892.49

572+00.00

900
895
890

PR ROW 896.63 EX ROW 896.27 896.41 896.13 890.24 PR ROW EX ROW

1:3 1:4 4% -1.5% 1.5% -1.5% -2% -4% 1:4

892.95 C= 99.6 F= 23.8

571+50.00

900
895
890
885

PR ROW 896.27 EX ROW 896.49 896.65 896.38 889.21 PR ROW EX ROW

1:3 1:4 -4% -1.5% 1.5% -1.5% -2% -4% 1:4

893.17 C= 82.7 F= 52.0

571+00.00

900
895
890
885

PR ROW 896.51 EX ROW 896.66 896.34 896.66 889.16 PR ROW EX ROW

1:3 1:4 -4% -1.5% -1.5% -4% 1:4

893.33 C= 75.3 F= 27.6

570+50.00

110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

DEPTH OF UTILITIES ARE ESTIMATED
AND HAVE NOT BEEN VERIFIED
ACTUAL DEPTHS ARE UNKNOWN

FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

MODEL: Default
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USER NAME = Sta42	DESIGNED - SJF	REVISED -
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 73
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 2 OF 20 SHEETS | STA. 570+50.00 | TO STA. 572+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	247
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

900 895 890

PR ROW | EX ROW | EX ROW | PR ROW

894.41 | 894.31 | 894.39 | 894.04 | 892.04

-4% -1.5% 1.5% -1.5% -2% -4%

1:4 1:3

30" EQRS CLD TY 1

890.97 | 890.72

C= 215.5
F= 0.0

574 + 00.00

PR ROW | EX ROW | EX ROW | PR ROW

897.46 | 894.82 | 894.90 | 894.56 | 893.47

4% -1.5% 1.5% -1.5% -2% 4%

1:3 1:4 1:4 1:3

891.50 | 891.24

C= 223.9
F= 0.0

573 + 50.00

PR ROW | EX ROW | EX ROW | PR ROW

898.29 | 895.26 | 895.36 | 895.03 | 894.15

-4% -1.5% 1.5% -1.5% -2% -4%

1:3 1:4 1:4 1:3

891.94 | 891.71

C= 232.6
F= 0.0

573 + 00.00

PR ROW | EX ROW | EX ROW | PR ROW

898.38 | 895.65 | 895.76 | 895.45 | 894.19

-4% -1.5% 1.5% -1.5% -2% -4%

1:3 1:4 1:4 1:3

892.33 | 892.13

C= 209.7
F= 1.0

572 + 50.00

DEPTH OF UTILITIES ARE ESTIMATED
AND HAVE NOT BEEN VERIFIED
ACTUAL DEPTHS ARE UNKNOWN

110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FINAL SURVEY | NOTE BOOK | NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

ORIGINAL SURVEY | NOTE BOOK | NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

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TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -

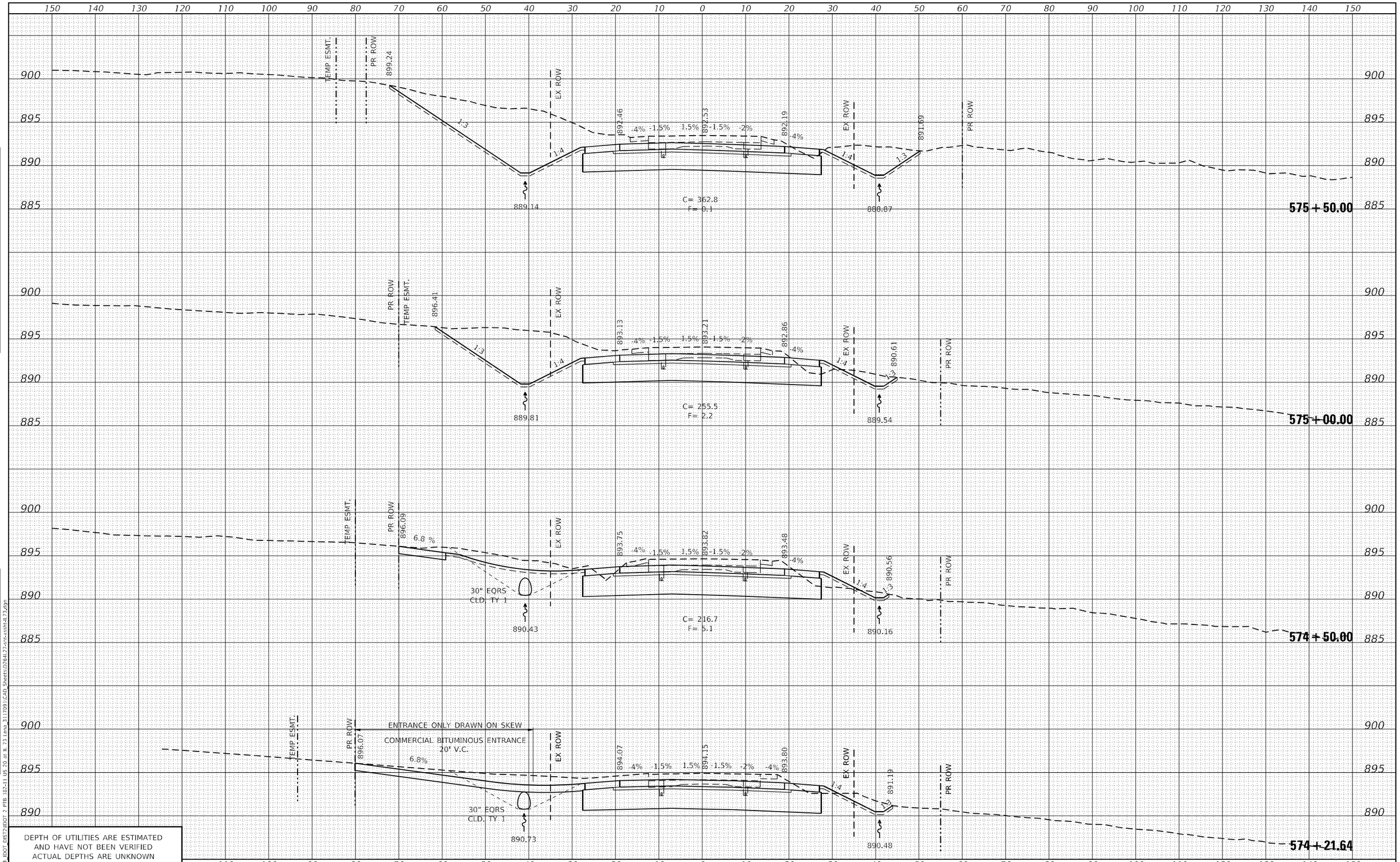
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 73
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 3 OF 20 SHEETS | STA. 572+50.00 | TO STA. 574+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	248
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087



FINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

DEPTH OF UTILITIES ARE ESTIMATED
AND HAVE NOT BEEN VERIFIED
ACTUAL DEPTHS ARE UNKNOWN

MODEL: Default
FILE NAME: P:\Civil\ IDOT_DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Lena 3117091\CAD Sheets\02641r27-cht-xssht-IL73.dgn

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TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 73
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 4 OF 20 SHEETS | STA. 574+21.64 TO STA. 575+50.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	249
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

905 900 895 890 885

TEMP. ESMT. | PR. ROW | EX. ROW

899.19 | 1:3 | 1:4 | 887.45

890.71 -4% -1.5% 1.5% 890.79 -1.5% -2% -4% 890.44

PRIVATE ENTRANCE
20' V.C.

EX. ROW | 892.66 | PR. ROW | TEMP. ESMT.

9.80%

15" CLD
TY 1

887.17

576 + 93.36

TEMP. ESMT. | PR. ROW | EX. ROW

900.49 | 1:3 | 1:4 | 887.80

891.10 -4% -1.5% 1.5% 891.17 -1.5% -2% -4% 890.83

EX. ROW | 893.80 | PR. ROW

C= 5.31.3
F= 0.0

887.53

576 + 50.00

TEMP. ESMT. | PR. ROW 902.36 | EX. ROW

1:3 | 1:4 | 888.42

891.74 -4% -1.5% 1.5% 891.81 -1.5% -2% -4% 891.47

EX. ROW | 893.30 | PR. ROW

C= 5.31.3
F= 0.0

888.15

576 + 00.00

DEPTH OF UTILITIES ARE ESTIMATED
AND HAVE NOT BEEN VERIFIED
ACTUAL DEPTHS ARE UNKNOWN

DATE					
BY					
	SURVEYED				
	PLOTTED				
	TEMPLATE				
	AREAS				
	AREAS CHECKED				
FINAL SURVEY	NOTE BOOK				
	NO.				

DATE					
BY					
	SURVEYED				
	PLOTTED				
	TEMPLATE				
	AREAS				
	AREAS CHECKED				
ORIGINAL SURVEY	NOTE BOOK				
	NO.				

MODEL: Default
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The Upchurch Group
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e-mail: upchurchgroup@upchurchgroup.com

USER NAME = Sta42	DESIGNED - SJF	REVISED -			
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -			
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -			
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 73
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 5 OF 20 SHEETS | STA. 576+00.00 | TO STA. 576+93.36

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	250
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

895
890
885
880

891.79
886.30
1:3
1:4
1:4
890.41
-4% -1.5% 1.5% -1.5% -2% -4%
890.53
890.15
888.13
1:4
884.49
PIPE CULVERT, CL A, TY 1, RC - EQRS 36"
C= 540.1
F= 3.0
CULVERT & RIPRAP EXCAVATION NOT INCLUDED
884.04
883.94
77.8' RT, 883.70

578 + 00.00

905
900
895
890
885

EX ROW
894.85
1:3
1:4
890.46
-4% -1.5% 1.5% -1.5% -2% -4%
890.53
890.19
890.01
1:4
1:3
887.21
C= 238.9
F= 0.0
886.94
EX ROW

577 + 50.00

905
900
895
890
885

TEMP ESMT.
PR ROW
898.98
EX ROW
1:3
1:4
890.67
-4% -1.5% 1.5% -1.5% -2% -4%
890.74
890.40
EX ROW
892.96
PR ROW
TEMP ESMT.
887.40
C= 493.9
F= 0.0
887.12

577 + 00.00

110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

DEPTH OF UTILITIES ARE ESTIMATED
AND HAVE NOT BEEN VERIFIED
ACTUAL DEPTHS ARE UNKNOWN

FINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

DATE | BY

ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

DATE | BY

MODEL: Default
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USER NAME = Sta42	DESIGNED - SJF	REVISED -
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -

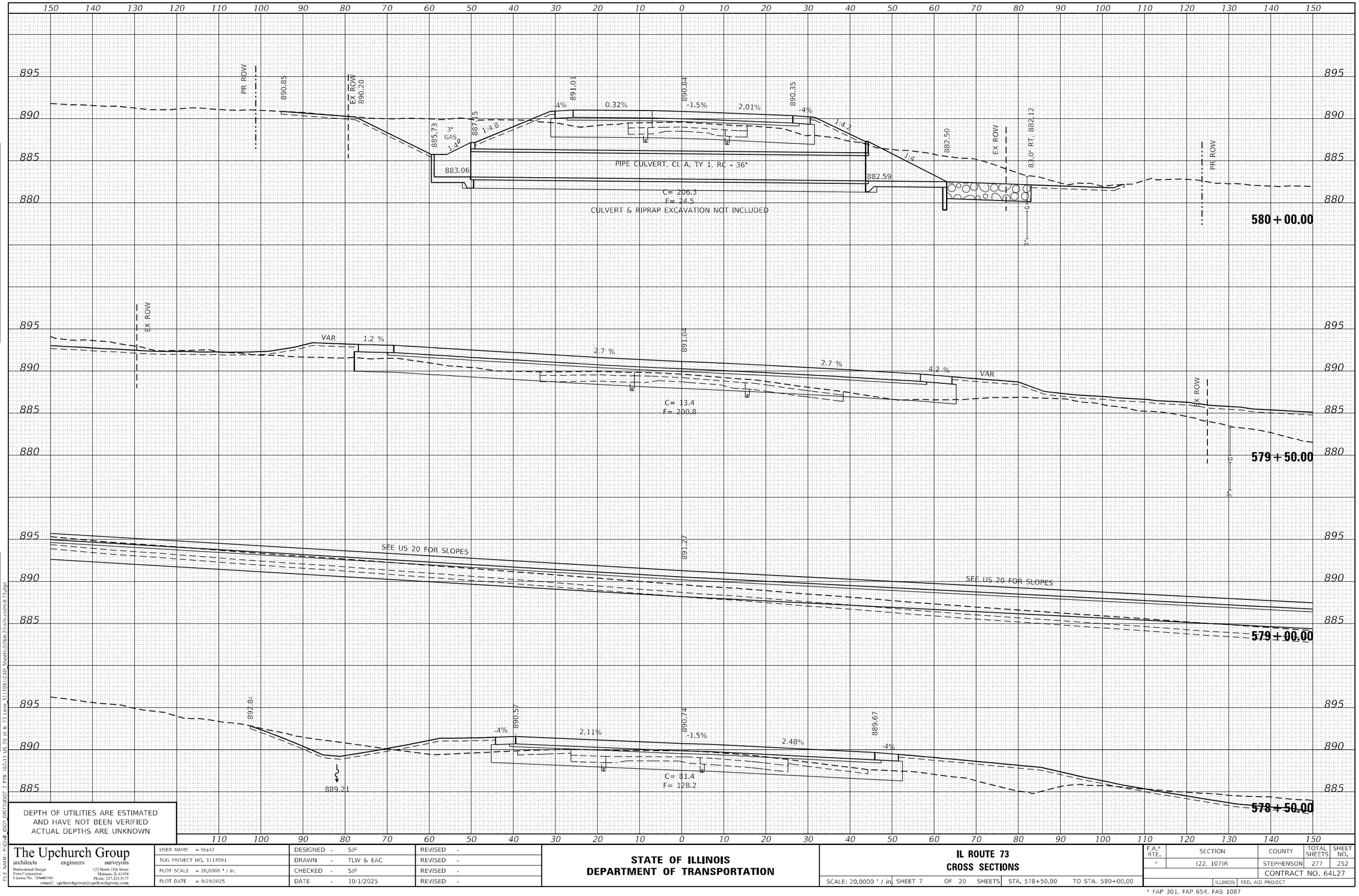
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 73
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 6 OF 20 SHEETS | STA. 577+00.00 | TO STA. 578+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	251
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087



FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

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TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 73
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 7 OF 20 SHEETS | STA. 578+50.00 TO STA. 580+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	252
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

895
890
885

PR ROW
890.68
EX ROW
892.26
892.33
891.99
EX ROW
891.04
PR ROW
1:3
1:4
-1.5%
1.5%
1.5%
-1.5%
-2%
-4%
-4%
3" GAS
888.94
C= 159.1
F= 2.8
888.52

582 + 00.00

PR ROW
890.36
EX ROW
891.48
891.56
891.21
EX ROW
888.35
PR ROW
-4%
-1.5%
1.5%
-1.5%
-2%
-4%
3" GAS
888.14
C= 117.0
F= 7.6
887.31

581 + 50.00

PR ROW
889.56
EX ROW
890.98
891.05
890.71
EX ROW
PR ROW
-4%
-1.5%
1.5%
-1.5%
-2%
-4%
3" GAS
887.34
C= 35.0
F= 42.7
885.52

581 + 00.00

PR ROW
889.73
EX ROW
890.74
890.81
890.47
EX ROW
884.78
PR ROW
-4%
-1.5%
1.5%
-1.5%
-2%
-4%
3" GAS
886.53
C= 54.9
F= 77.0
883.74

580 + 50.00

110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

DEPTH OF UTILITIES ARE ESTIMATED
AND HAVE NOT BEEN VERIFIED
ACTUAL DEPTHS ARE UNKNOWN

FINAL SURVEY — NOTE BOOK: — NO.
SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK: — NO.
SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

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TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -

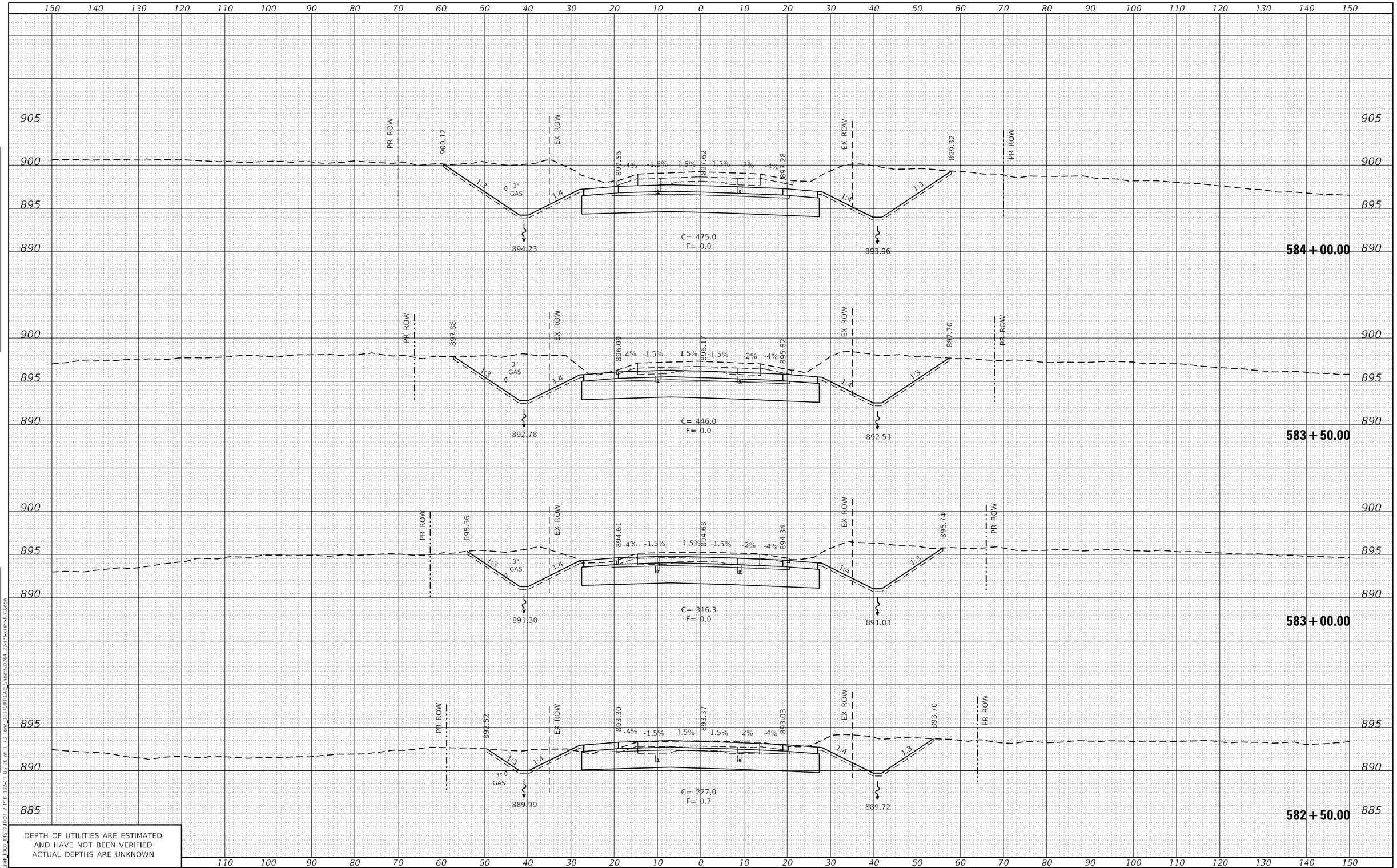
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 73
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 8 OF 20 SHEETS | STA. 580+50.00 | TO STA. 582+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
"	(22, 107)R	STEPHENSON	277	253
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087



FINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

DEPTH OF UTILITIES ARE ESTIMATED
AND HAVE NOT BEEN VERIFIED
ACTUAL DEPTHS ARE UNKNOWN

MODEL: Default
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PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -

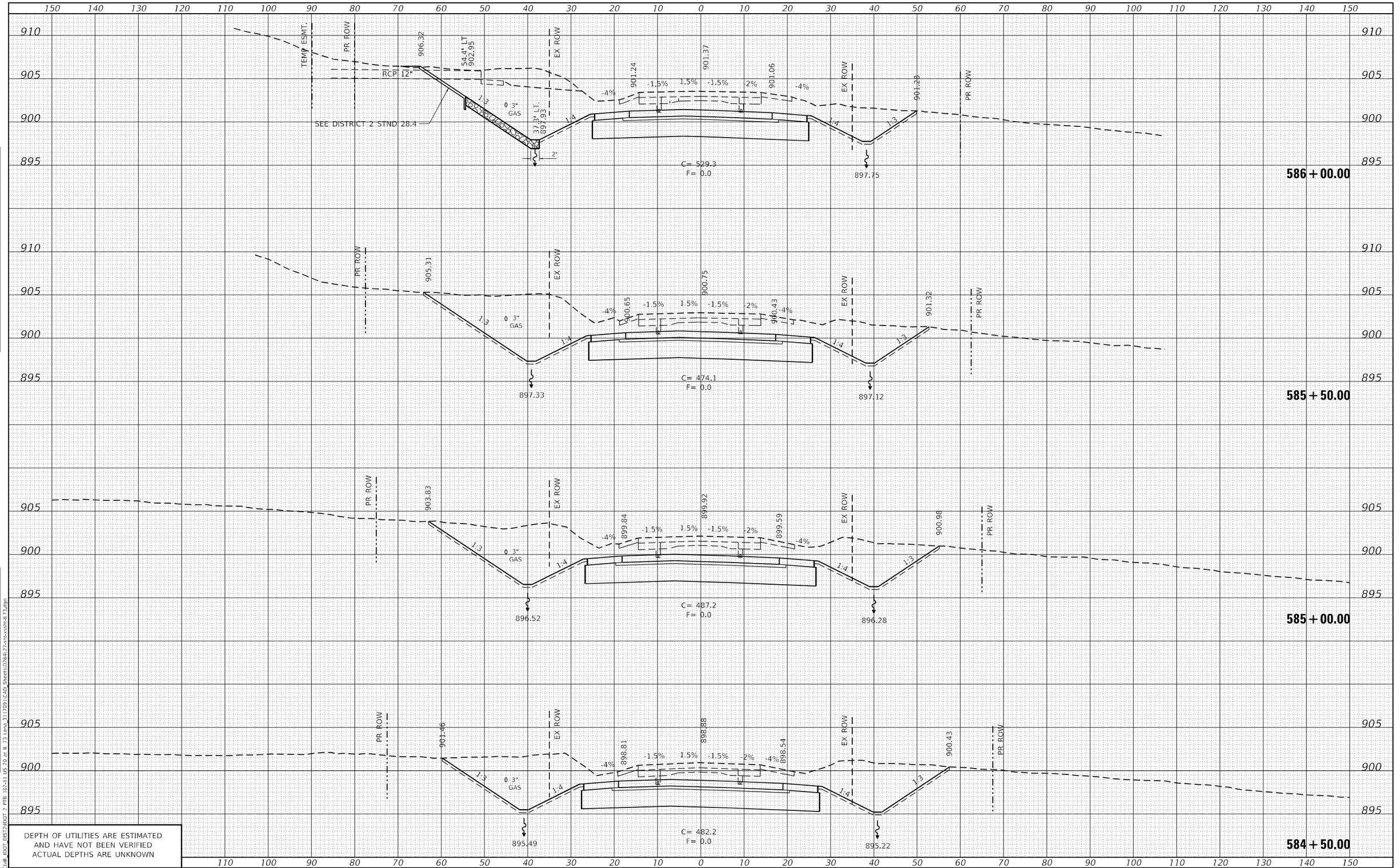
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 73
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 9 OF 20 SHEETS | STA. 582+50.00 | TO STA. 584+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
"	(22, 107)R	STEPHENSON	277	254
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087



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TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 73
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 10 OF 20 SHEETS | STA. 584+50.00 TO STA. 586+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
"	(22, 107)R	STEPHENSON	277	255
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087

FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

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150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

910 905 900 895

PR ROW
TEMP ESMT.
906.26
EX ROW
1:3
0 3" GAS
1:4
898.49
-4%
901.80
-1.5%
1.5%
1.5%
-1.5%
-2%
901.67
-4%
901.96
C= 392.3
F= 0.0
EX ROW
1:4
1:3
898.37
901.27
PR ROW

587+00.00

915 910 905 900 895

ENTRANCE ONLY DRAWN ON SKEW
COMMERCIAL ENTRANCE
TEMP ESMT.
910.90
PR ROW
12.00%
EX ROW
3" GAS
-4%
901.67
-1.5%
1.5%
901.82
-1.5%
-2%
901.52
-4%
EX ROW
1:4
1:3
0
15" CLD TY 1
898.16
901.36
PR ROW

586+58.63

910 905 900 895

TEMP ESMT.
910.8
PR ROW
12.3 %
EX ROW
3" GAS
-4%
901.63
-1.5%
1.5%
901.77
-1.5%
-2%
901.47
-4%
EX ROW
1:4
1:3
0
15" CLD TY 1
898.10
901.32
PR ROW
C= 557.5
F= 0.0

586+50.00

110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

DEPTH OF UTILITIES ARE ESTIMATED
AND HAVE NOT BEEN VERIFIED
ACTUAL DEPTHS ARE UNKNOWN

FINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

DATE | BY

MODEL: Default
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PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -

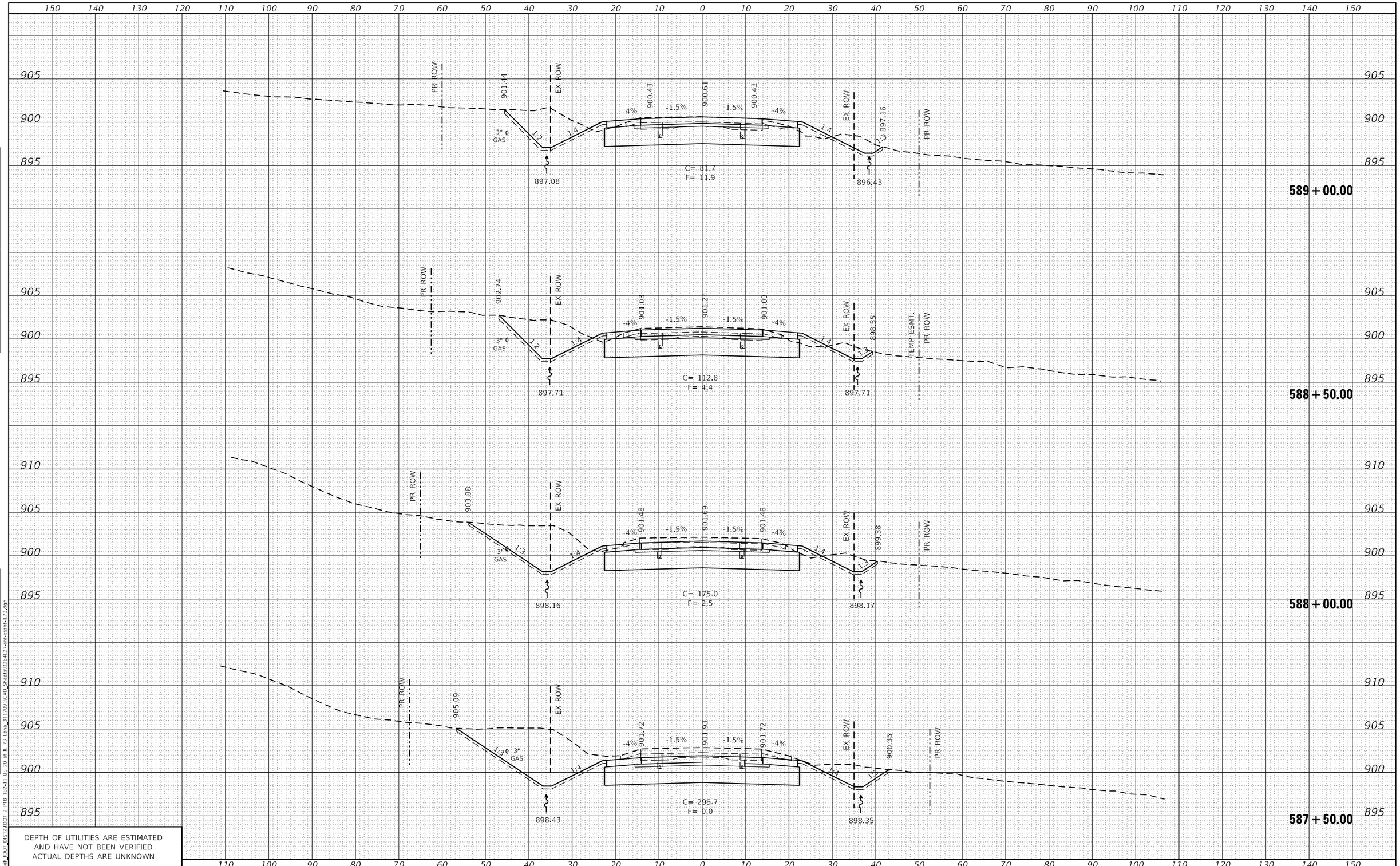
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 73
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 11 OF 20 SHEETS | STA. 586+50.00 | TO STA. 587+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	256
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087



DEPTH OF UTILITIES ARE ESTIMATED AND HAVE NOT BEEN VERIFIED ACTUAL DEPTHS ARE UNKNOWN

FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

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PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -

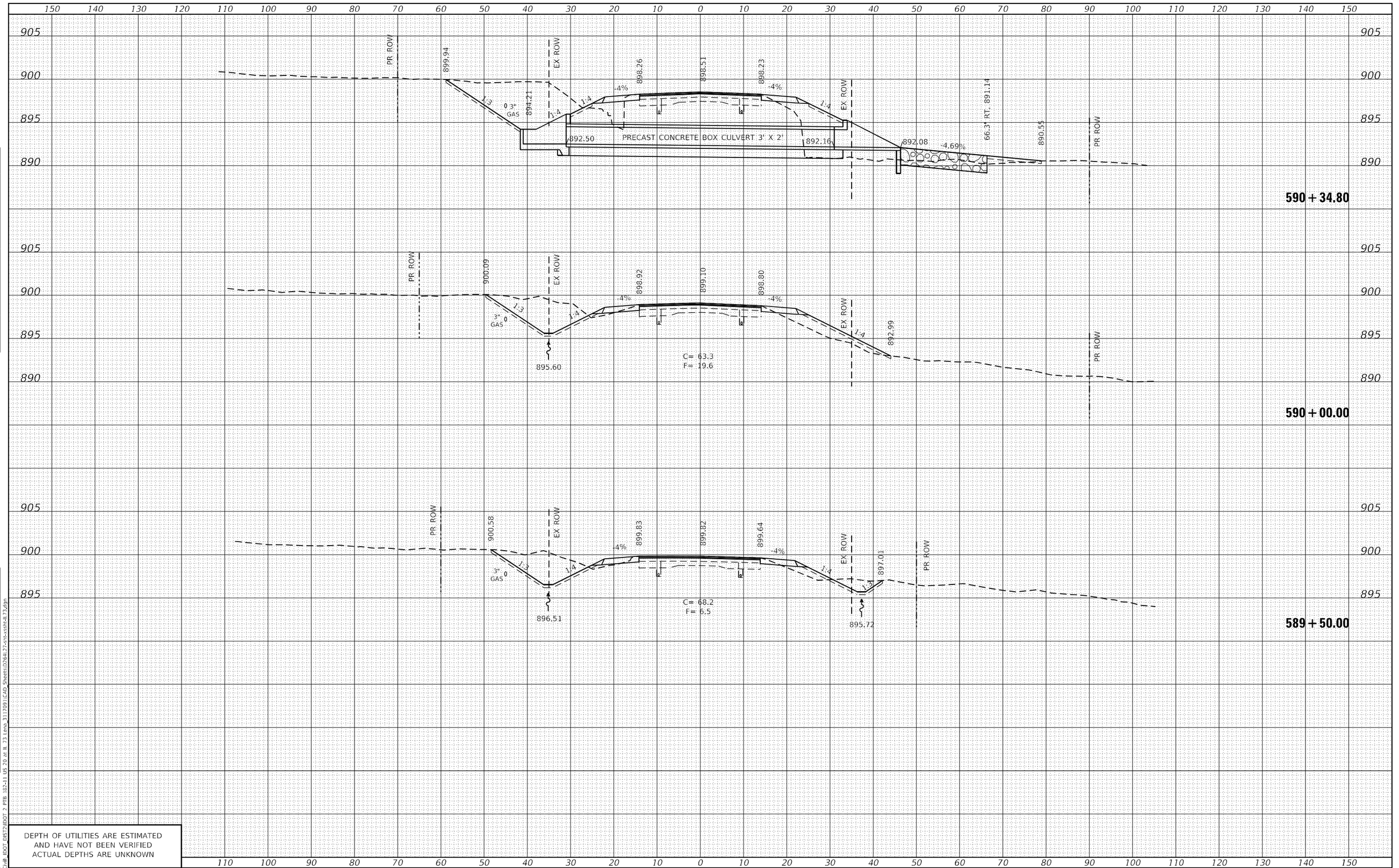
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 73
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 12 OF 20 SHEETS | STA. 587+50.00 | TO STA. 589+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	257
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087



DEPTH OF UTILITIES ARE ESTIMATED
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ACTUAL DEPTHS ARE UNKNOWN

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

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PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -

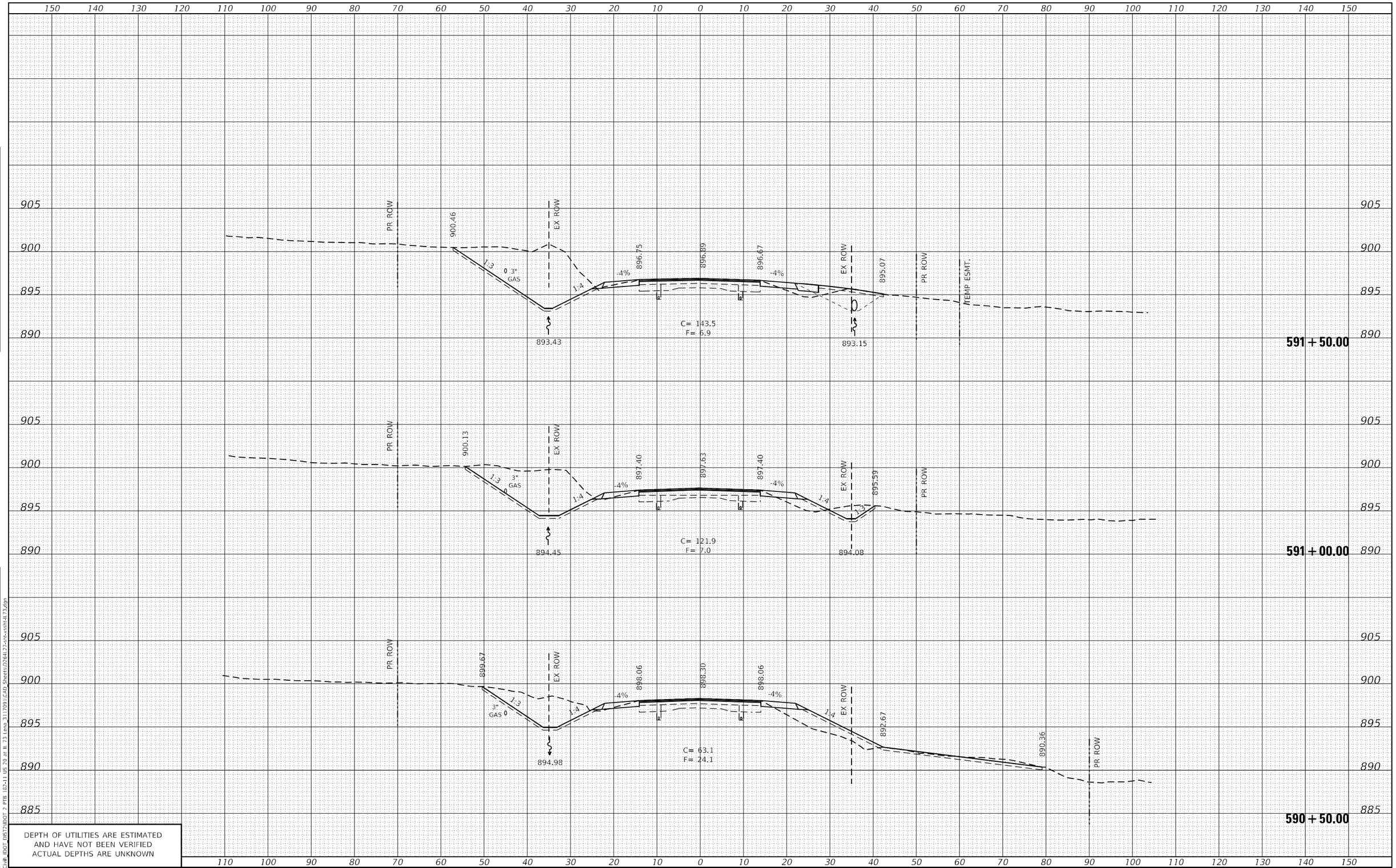
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 73
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 13 OF 20 SHEETS | STA. 589+20.76 | TO STA. 590+34.80

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	258
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087



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FINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

BY	DATE

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TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 73
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 14 OF 20 SHEETS | STA. 590+50.00 TO STA. 591+50.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	259
		CONTRACT NO. 64L27		
		ILLINOIS	FED. AID PROJECT	

* FAP 301, FAP 654, FAS 1087

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

905 900 895 890

PR ROW 900.08 EX ROW 1:3 0 3" GAS 1:4 -4% 895.05 895.23 -4% 894.98 EX ROW 1:4 1:3 894.59 PR ROW

C= 205.4
F= 3.3

891.73 891.66

593 + 00.00

PR ROW 900.97 EX ROW 1:3 3" GAS 0 1:4 -4% 895.60 895.80 -4% 895.54 EX ROW 1:4 1:3 894.60 PR ROW

C= 218.6
F= 5.0

892.28 892.22

592 + 50.00

PR ROW 901.15 EX ROW 1:3 0 3" GAS 1:4 -4% 896.26 896.28 -4% 896.09 EX ROW 1:4 1:3 894.35 PR ROW

C= 184.8
F= 5.9

892.94 892.77

592 + 00.00

PR ROW 900.58 EX ROW 1:3 0 3" GAS 1:4 -4% 896.62 896.63 -4% 896.45 EX ROW FIELD ENTRANCE 20' V.C. -9.05% PR ROW TEMP ESMT.

0 15" CLD TY 1

893.25 893.03

591 + 68.22

110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

DEPTH OF UTILITIES ARE ESTIMATED
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ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.	AREAS CHECKED	

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
NOTE BOOK	AREAS CHECKED	
NO.		

MODEL: Default
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PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 73
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 15 OF 20 SHEETS | STA. 591+68.22 TO STA. 593+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	260
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

900 895 890 885

TEMP ESMT. | PR ROW | EX ROW | PRIVATE ENTRANCE 20' V.C.

898.67 | 3" GAS | 1:3 | 1:4 | -4% | 893.84 | -4% | 893.81 | 4.06% | 893.86 | 15" CLD TY 1 | 887.82 | 890.49

594 + 43.24

TEMP ESMT. | PR ROW | EX ROW | PRIVATE ENTRANCE 20' V.C.

901.21 | 10.00 % | 3" GAS | -4% | 894.19 | 894.28 | -4% | 894.09 | 894.69 | 1:4 | 1:3 | 24" CLD TY 1 | C= 195.9 I= 1.1 | 889.30 | 890.77

594 + 00.00

TEMP ESMT. | PR ROW | EX ROW

900.67 | 1:3 | 3" GAS | 1:4 | -4% | 894.38 | 894.49 | -4% | 894.29 | 894.61 | 24" CLD TY 1 | 890.10 | 890.96

593 + 75.00

PR ROW | EX ROW

899.76 | 1:3 | 3" GAS | 1:4 | -4% | 894.57 | 894.70 | -4% | 894.48 | 894.10 | C= 210.0 F= 1.7 | 891.25 | 891.16

593 + 50.00

DEPTH OF UTILITIES ARE ESTIMATED
AND HAVE NOT BEEN VERIFIED
ACTUAL DEPTHS ARE UNKNOWN

FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

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The Upchurch Group
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Professional Design Firm Corporation License No. 184.003401
123 North 15th Street Mattoon, IL 61938
Phone: 217.235.3177
e-mail: upchurchgroup@upchurchgroup.com

USER NAME = Sta42	DESIGNED - SJF	REVISED -
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 73
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 16 OF 20 SHEETS | STA. 593+50.00 | TO STA. 594+43.24

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
"	(22, 107)R	STEPHENSON	277	261
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

900 895 890 885 880

PR. ROW
TEMP. ESMT.
894.61
EXISTING FOUNDATION TO BE REMOVED
1:3
1:4
3" GAS
884.83
EX. ROW
-4%
892.81
893.13
892.88
-4%
EX. ROW
1:4
RE-GRADE DITCH BANKS
882.82
881.05
881.20
PR. ROW
C= 162.2
F= 69.4

595 + 50.00

900 895 890 885

PR. ROW
TEMP ESMT.
897.22
1:3
1:4
3" GAS
886.22
EX. ROW
-4%
893.36
893.56
893.37
-4%
EX. ROW
1:4
1:3
890.43
PR. ROW
C= 195.9
F= 1.1
887.39

595 + 00.00

900 895 890 885

TEMP ESMT.
PR. ROW
898.67
1:3
1:4
3" GAS
887.60
EX. ROW
-4%
893.78
893.93
893.77
-4%
PRIVATE ENTRANCE
EX. ROW
893.64
893.54
PR. ROW
C= 376.7
F= 0.4
15" CLD TY 1
890.45

594 + 50.00

110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

DEPTH OF UTILITIES ARE ESTIMATED
AND HAVE NOT BEEN VERIFIED
ACTUAL DEPTHS ARE UNKNOWN

FINAL SURVEY: SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED
NOTE BOOK
NO.
BY
DATE

ORIGINAL SURVEY: SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED
NOTE BOOK
NO.
BY
DATE

MODEL: Default
FILE NAME: P:\Civil\ IDOT DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Lena 3117091\CAD Sheets\D2764L27-sht-xsshtIL73.dgn

The Upchurch Group
architects engineers surveyors
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License No. 184-003001
123 North 15th Street
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Phone: 217.235.3177
e-mail: upchurchgroup@upchurchgroup.com

USER NAME = Sta42	DESIGNED - SJF	REVISED -	
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

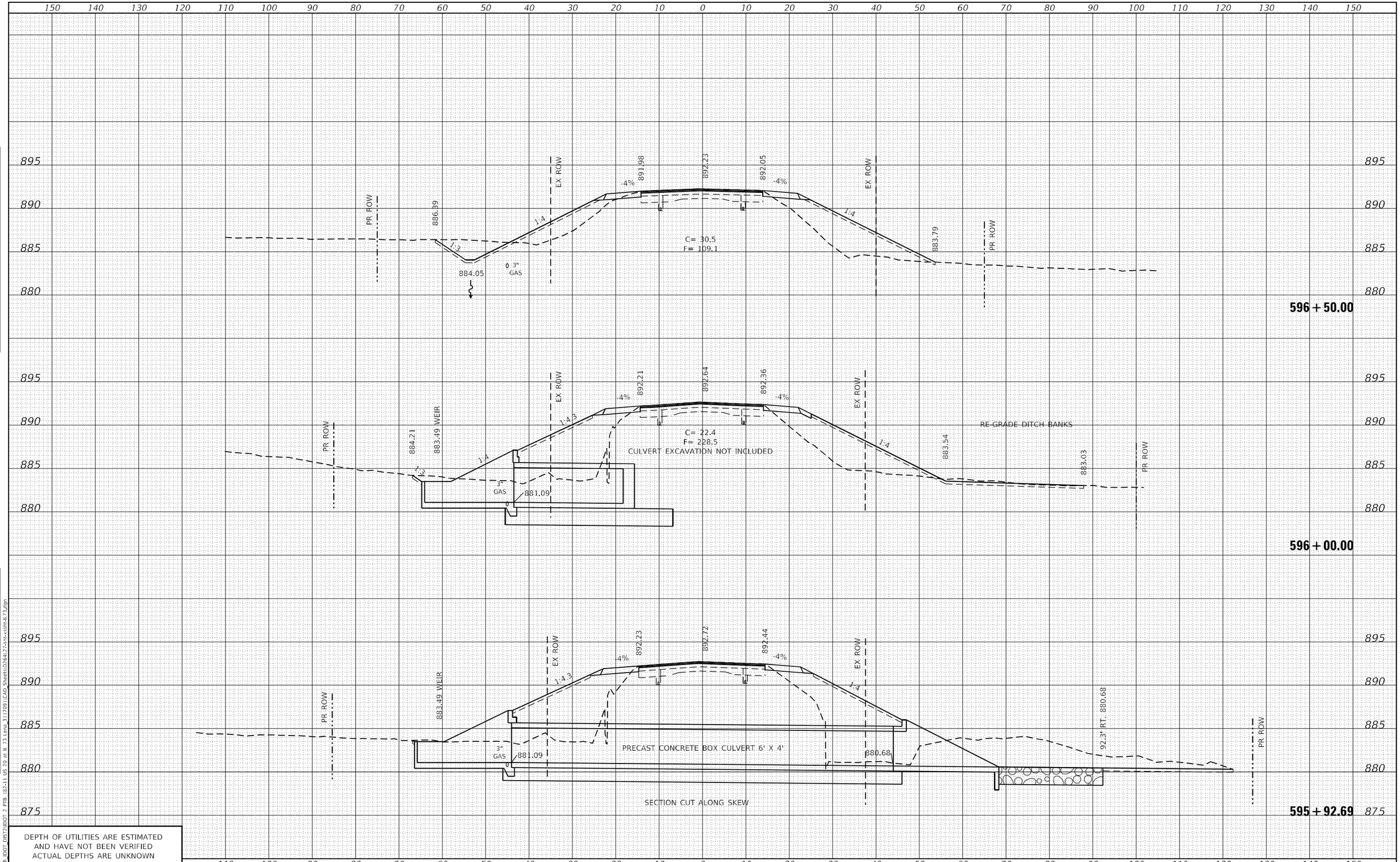
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 73
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 17 OF 20 SHEETS | STA. 594+50.00 TO STA. 595+50.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	262
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087



DEPTH OF UTILITIES ARE ESTIMATED
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ACTUAL DEPTHS ARE UNKNOWN

FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

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USER NAME = Sta42	DESIGNED - SJF	REVISED -	
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

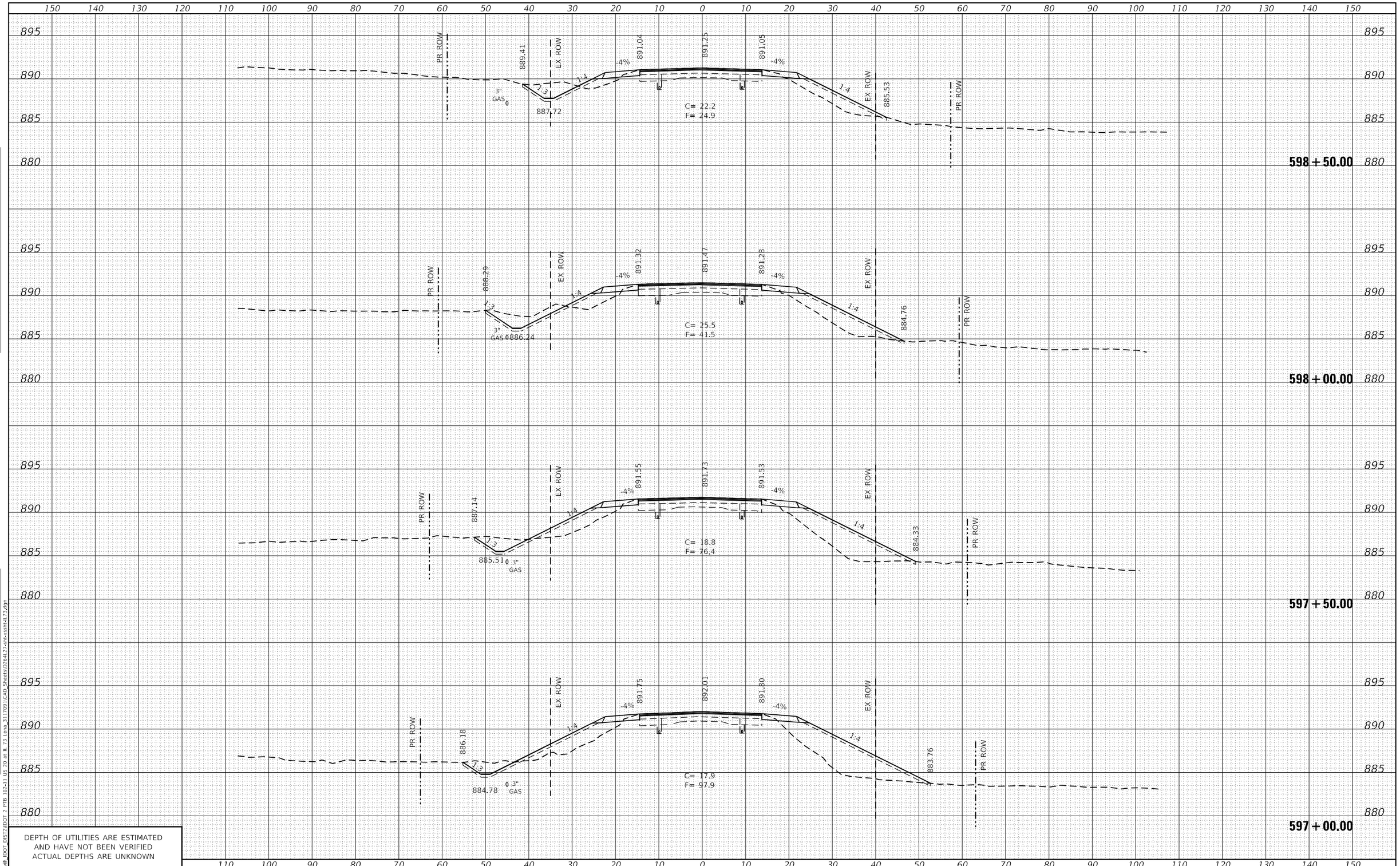
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 73
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 18 OF 20 SHEETS | STA. 595+92.69 TO STA. 596+50.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	263
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087



DEPTH OF UTILITIES ARE ESTIMATED
AND HAVE NOT BEEN VERIFIED
ACTUAL DEPTHS ARE UNKNOWN

The Upchurch Group			
architects engineers surveyors	USER NAME = Sta42	DESIGNED - SJF	REVISED -
Professional Design Firm Corporation License No. 184-003101	TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
123 North 15th Street Mattoon, IL 61938 Phone: 217.235.3177 e-mail: upchurchgroup@upchurchgroup.com	PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -
	PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 73
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 19 OF 20 SHEETS | STA. 597+00.00 | TO STA. 598+50.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	264
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

MODEL: Default
FILE NAME: P:\Civil\ IDOT DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Leroi 3117091\CAD Sheets\D264L27-sht-xssht-IL73.dgn

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

895
890
885

3" GAS

891.14

C= 0.0
F= 0.0

600 + 00.00

EX ROW

891.12

8.6 %

888.03

C= 4.0
F= 0.2

599 + 50.00

PR ROW

891.50

891.01

891.16

890.94

-4%

-4%

1:4

1:4

EX ROW

885.66

PR ROW

887.69

C= 14.4
F= 0.1

599 + 00.00

DEPTH OF UTILITIES ARE ESTIMATED
AND HAVE NOT BEEN VERIFIED
ACTUAL DEPTHS ARE UNKNOWN

ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

FINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

MODEL: Default
FILE NAME: P:\Civil\IDOT DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Leroy 3117091\CAD Sheets\D2641.27-sht-xssht-IL73.dgn

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PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -

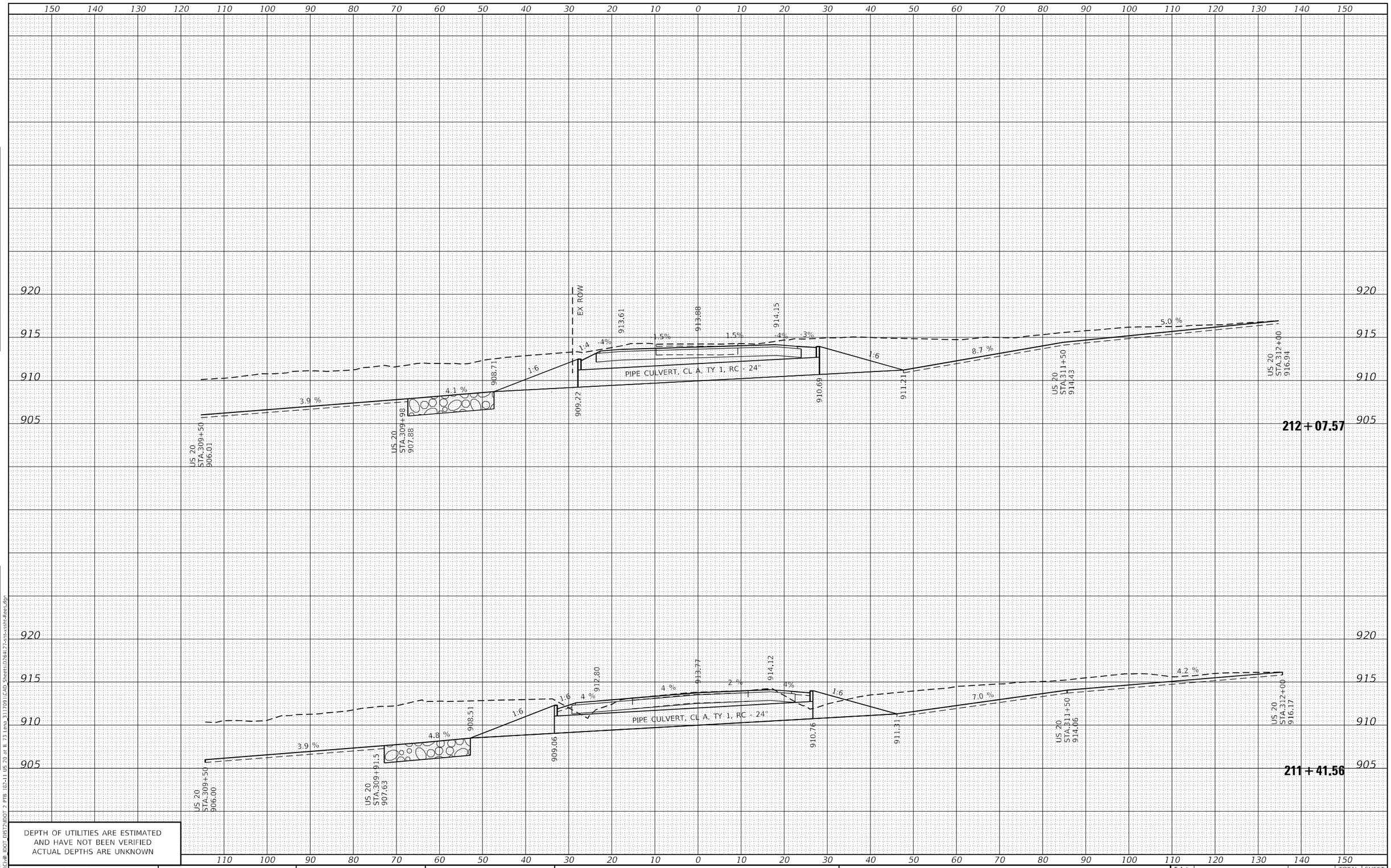
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 73
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 20 OF 20 SHEETS | STA. 599+00.00 TO STA. 600+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	265
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087



FINAL SURVEY | NOTE BOOK | NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

ORIGINAL SURVEY | NOTE BOOK | NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

MODEL: Default
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DEPTH OF UTILITIES ARE ESTIMATED
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PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 9/29/2025	DATE - 10/1/2025	REVISED -	

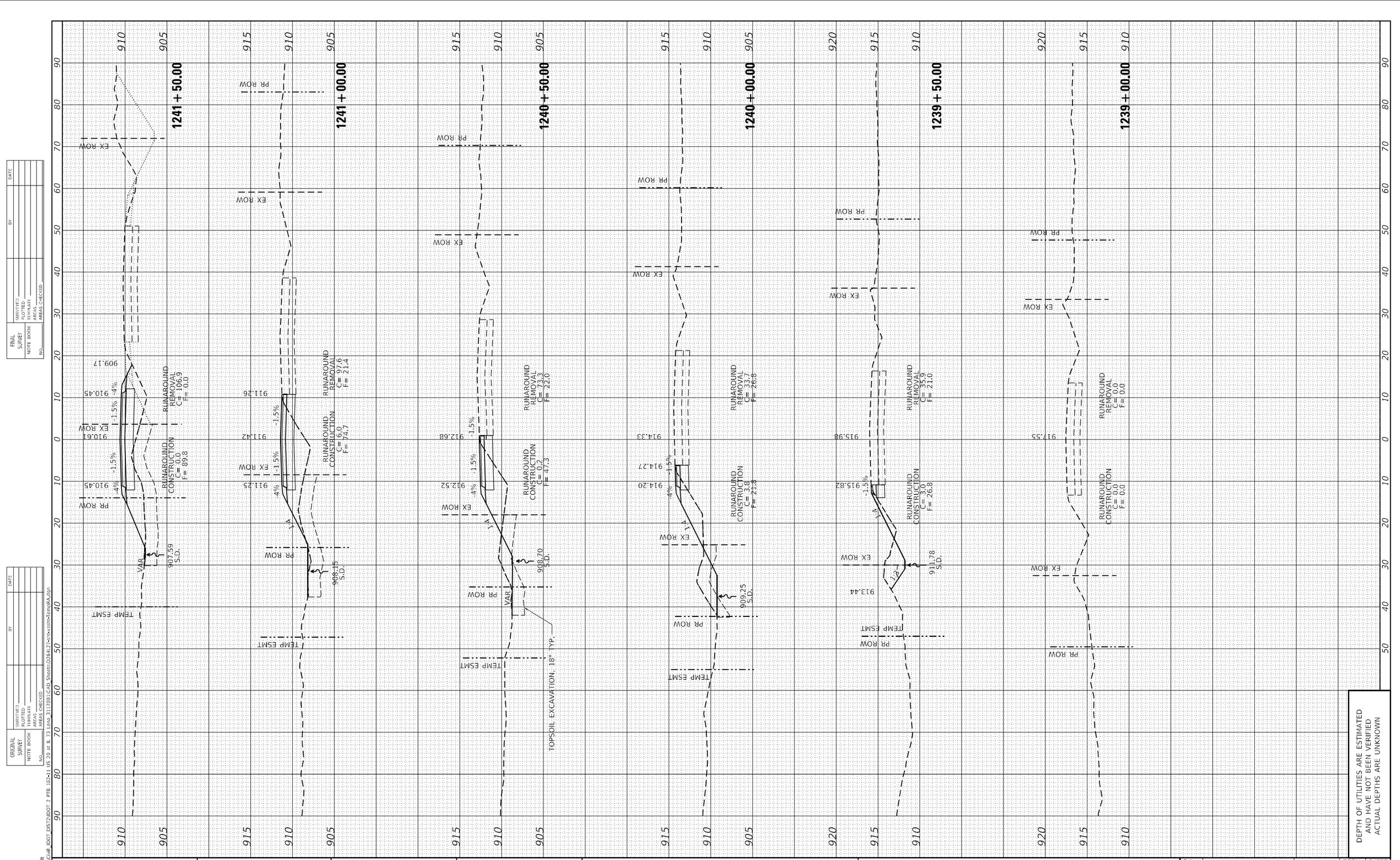
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REES ROAD CULVERT
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	266
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087



FINAL SURVEY

NOTE BOOK	SURVEYED	BY
	PLOTTED	
	TEMPLATE	
	AREAS	
NO.	AREAS CHECKED	DATE

ORIGINAL SURVEY

NOTE BOOK	SURVEYED	BY
	PLOTTED	
	TEMPLATE	
	AREAS	
NO.	AREAS CHECKED	DATE

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DEPTH OF UTILITIES ARE ESTIMATED AND HAVE NOT BEEN VERIFIED ACTUAL DEPTHS ARE UNKNOWN

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USER NAME = Sta42	DESIGNED - SJF	REVISED -
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 10/1/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY RUNAROUND
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 1 OF 11 SHEETS | STA. 1238+00.00 TO STA. 1241+50.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	267
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087

FINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

MODEL: Default
FILE NAME: P:\Civil\IDOT DIST2\IDOT 2 PTB 182+11 US 20 at IL 73 Lena_3117091\CAD Sheets\D2764L27+ntx+sht+TempRA.dgn

STAGE 2 US 20 RECONSTRUCTION
PR ROW
EX ROW
1245+00.00
1244+50.00
1244+00.00
1243+50.00
1243+00.00
1242+50.00
1242+00.00
RUNAROUND CONSTRUCTION C= 0.0 F= 0.0
RUNAROUND REMOVAL C= 66.4 F= 9.1
RUNAROUND REMOVAL C= 39.8 F= 17.8
RUNAROUND REMOVAL C= 150.6 F= 0.0
RUNAROUND REMOVAL C= 217.9 F= n.c.
RUNAROUND REMOVAL C= 215.2 F= 0.0
RUNAROUND REMOVAL C= 186.8 F= 0.0
RUNAROUND REMOVAL C= 142.7 F= 5.3
2 - PIPE CULVERTS CL A, TY 1, RC - 24"
INV. 906.48
INV. 906.74
915.21
916.12
913.04
916.29
915.79
914.56
914.83
911.75
915.00
913.72
911.77
913.55
910.47
913.71
909.25 S.D.
912.26
909.05
912.42
907.49 S.D.
911.07
908.02
911.23
906.99 S.D.
910.34
910.51
907.04 S.D.
910.14
910.30
906.92
TEMP ESMT
PROPOSED FINISHED GRADE, TYP.
TOPSOIL PLACEMENT, 18", TYP.
DEPTH OF UTILITIES ARE ESTIMATED AND HAVE NOT BEEN VERIFIED ACTUAL DEPTHS ARE UNKNOWN

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e-mail: upchurchgroup@upchurchgroup.com

USER NAME = Sta42	DESIGNED - SJF	REVISED -	
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 10/1/2025	DATE - 10/1/2025	REVISED -	

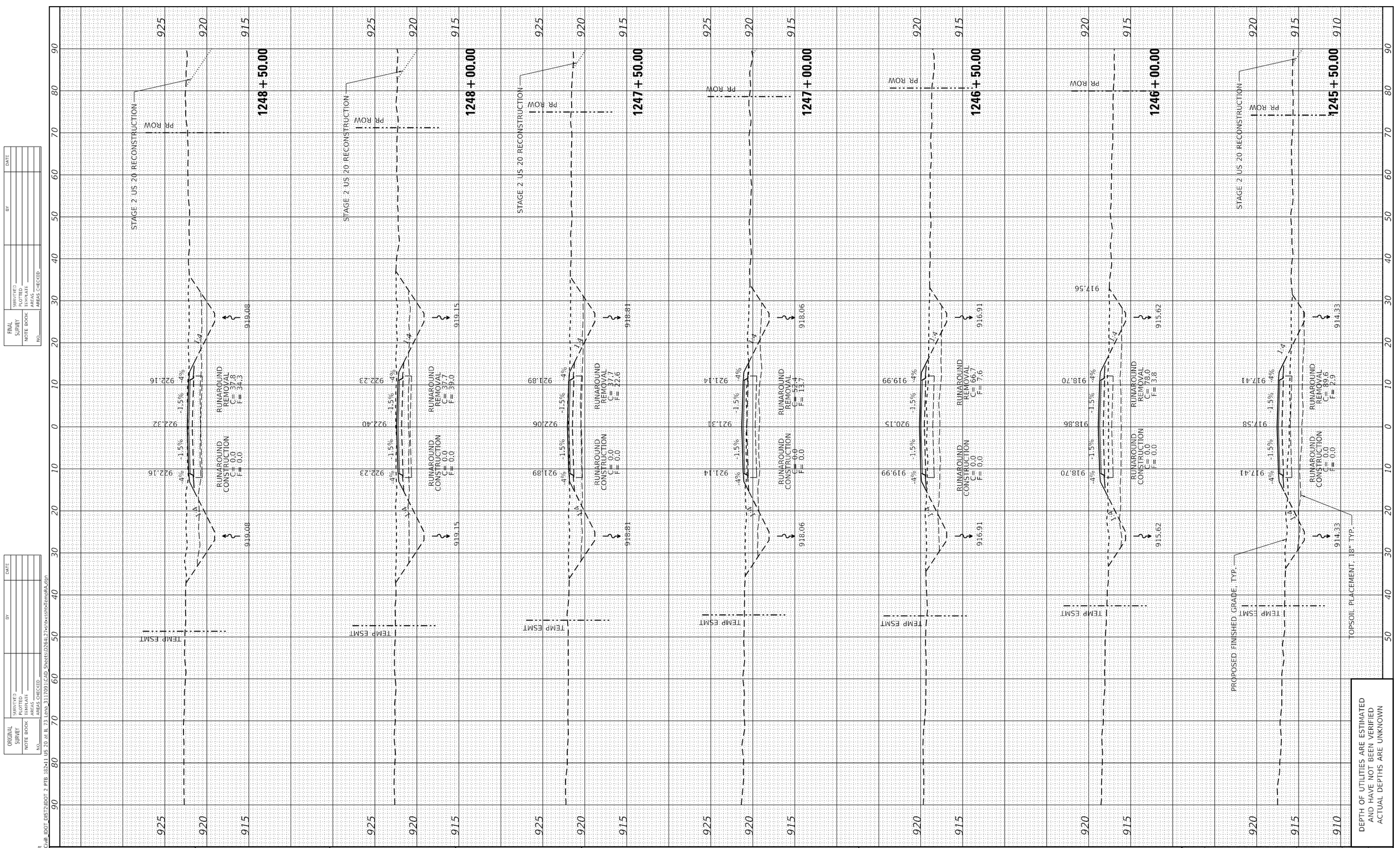
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY RUNAROUND CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 2 OF 11 SHEETS | STA. 1242+00.00 | TO STA. 1245+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	268
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087



FINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

DEPTH OF UTILITIES ARE ESTIMATED
AND HAVE NOT BEEN VERIFIED
ACTUAL DEPTHS ARE UNKNOWN

MODEL: Default
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TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 10/1/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY RUNAROUND
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 3 OF 11 SHEETS | STA. 1245+50.00 TO STA. 1248+50.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	269
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087

FINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

MODEL: Default
FILE NAME: P:\Civil_IDOT_DIST2\IDOT 2 PTB 182-11 US 20 at IL 73 Lena 3117091\CAD Sheets\026413-07-sht-ssshi-TempRA.dgn

1252 + 50.00

PR ROW

TEMP ESMT

908.63 | 908.80

-1.5% -4% 1:10 1:4

RUNAROUND REMOVAL C= 95.0 F= 7.0

RUNAROUND CONSTRUCTION C= 0.0 F= 0.0

39.0'

905.55

1252 + 00.00

PR ROW

TEMP ESMT

911.20 | 911.36

-1.5% -4% 1:10 1:4

RUNAROUND REMOVAL C= 66.6 F= 6.6

RUNAROUND CONSTRUCTION C= 0.0 F= 0.0

39.0'

908.12

1251 + 50.00

STAGE 2 US 20 RECONSTRUCTION

PR ROW

TEMP ESMT

913.57 | 913.74

-1.5% -4% 1:10 1:4

RUNAROUND REMOVAL C= 63.0 F= 7.1

RUNAROUND CONSTRUCTION C= 0.0 F= 0.0

910.49

1251 + 00.00

STAGE 2 US 20 RECONSTRUCTION

PR ROW

TEMP ESMT

915.75 | 915.91

-1.5% -4% 1:10 1:4

RUNAROUND REMOVAL C= 63.0 F= 12.4

RUNAROUND CONSTRUCTION C= 0.0 F= 0.0

912.67

1250 + 50.00

STAGE 2 US 20 RECONSTRUCTION

PR ROW

TEMP ESMT

917.73 | 917.90

-1.5% -4% 1:4

RUNAROUND REMOVAL C= 54.6 F= 14.5

RUNAROUND CONSTRUCTION C= 0.0 F= 0.0

914.65

1250 + 00.00

STAGE 2 US 20 RECONSTRUCTION

PR ROW

TEMP ESMT

919.46 | 919.62

-1.5% -4% 1:4

RUNAROUND REMOVAL C= 49.2 F= 16.7

RUNAROUND CONSTRUCTION C= 0.0 F= 0.0

916.38

1249 + 50.00

STAGE 2 US 20 RECONSTRUCTION

PR ROW

TEMP ESMT

920.77 | 920.93

-1.5% -4% 1:4

RUNAROUND REMOVAL C= 39.5 F= 21.4

RUNAROUND CONSTRUCTION C= 0.0 F= 0.0

917.69

1249 + 00.00

STAGE 2 US 20 RECONSTRUCTION

PR ROW

TEMP ESMT

921.67 | 921.84

-1.5% -4% 1:4

RUNAROUND REMOVAL C= 37.9 F= 29.2

RUNAROUND CONSTRUCTION C= 0.0 F= 0.0

PROPOSED FINISHED GRADE, TYP.

TOPSOIL PLACEMENT, 18" TYP.

918.59

DEPTH OF UTILITIES ARE ESTIMATED AND HAVE NOT BEEN VERIFIED ACTUAL DEPTHS ARE UNKNOWN

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TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 10/1/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

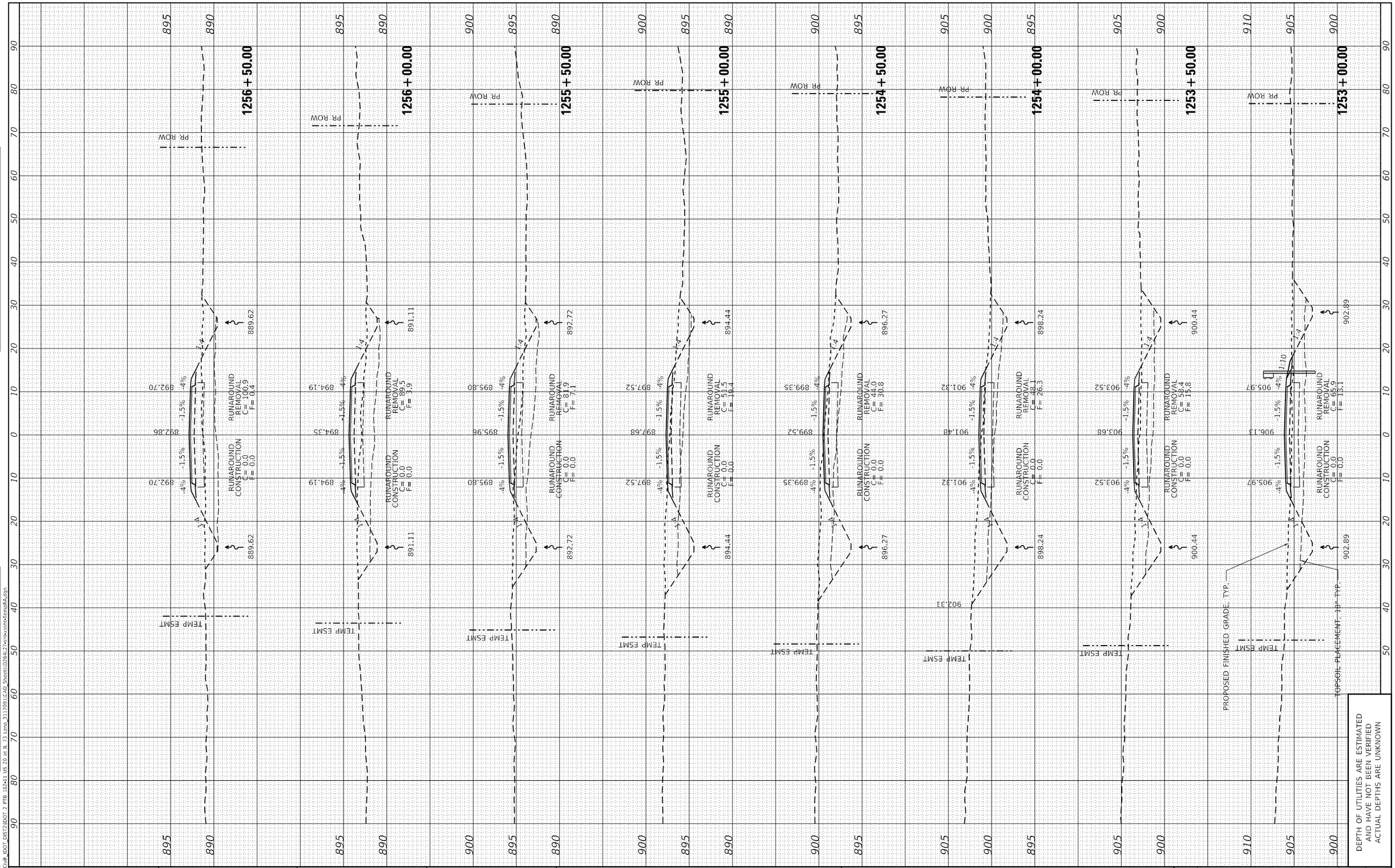
TEMPORARY RUNAROUND
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 4 OF 11 SHEETS | STA. 1249+00.00 TO STA. 1252+50.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	270
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087

FINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		



DEPTH OF UTILITIES ARE ESTIMATED AND HAVE NOT BEEN VERIFIED ACTUAL DEPTHS ARE UNKNOWN

ORIGINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

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The Upchurch Group
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Professional Design Firm Corporation License No. 184-001401
123 North 15th Street Mattoon, IL 61938
Phone: 217.235.3177
e-mail: upchurchgroup@upchurchgroup.com

USER NAME = Sta42	DESIGNED - SJF	REVISED -	
TUG PROJECT NO. 3117091	DRAWN - TLW & EAC	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 10/1/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY RUNAROUND CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 5 OF 11 SHEETS | STA. 1253+00.00 TO STA. 1256+50.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	271
		CONTRACT NO. 64L27		
		ILLINOIS	FED. AID PROJECT	

* FAP 301, FAP 654, FAS 1087

FINAL SURVEY	SURVEYED	BY	
	PLOTTED		DATE
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	
	PLOTTED		DATE
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

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STAGE 2 US 20 RECONSTRUCTION
PR ROW
EX ROW
TEMP ESMT
PROPOSED FINISHED GRADE, TYP.
TOPSOIL PLACEMENT, 18" TYP.
3" GAS
RUNAROUND CONSTRUCTION C= 0.0 F= 0.0
RUNAROUND CONSTRUCTION C= 0.0 F= 201.0
RUNAROUND CONSTRUCTION C= 85.7 F= 183.7
RUNAROUND CONSTRUCTION C= 21.1 F= 15.6
RUNAROUND CONSTRUCTION C= 0.0 F= 0.0
RUNAROUND REMOVAL C= 59.3 F= 63.9
RUNAROUND REMOVAL C= 138.9 F= 8.7
RUNAROUND REMOVAL C= 202.2 F= 0.0
RUNAROUND REMOVAL C= 183.8 F= 0.0
RUNAROUND REMOVAL C= 40.4 F= 144.0
RUNAROUND REMOVAL C= 86.8 F= 6.0
1260 + 00.00
1259 + 50.00
1259 + 00.00
1258 + 50.00
1258 + 00.00
1257 + 50.00
1257 + 00.00
884.29
884.45
881.21
885.44
885.60
882.36
886.59
885.75
883.51
887.74
887.90
884.64
888.89
889.05
885.81
886.38
890.05
890.22
886.97
888.68
891.32
891.48
888.24
880.31
880.56
880.81
881.06
883.35
887.29
885.81
888.68
886.97
891.32
888.24

DEPTH OF UTILITIES ARE ESTIMATED AND HAVE NOT BEEN VERIFIED ACTUAL DEPTHS ARE UNKNOWN

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PLOT DATE = 10/1/2025	DATE - 10/1/2025	REVISED -	

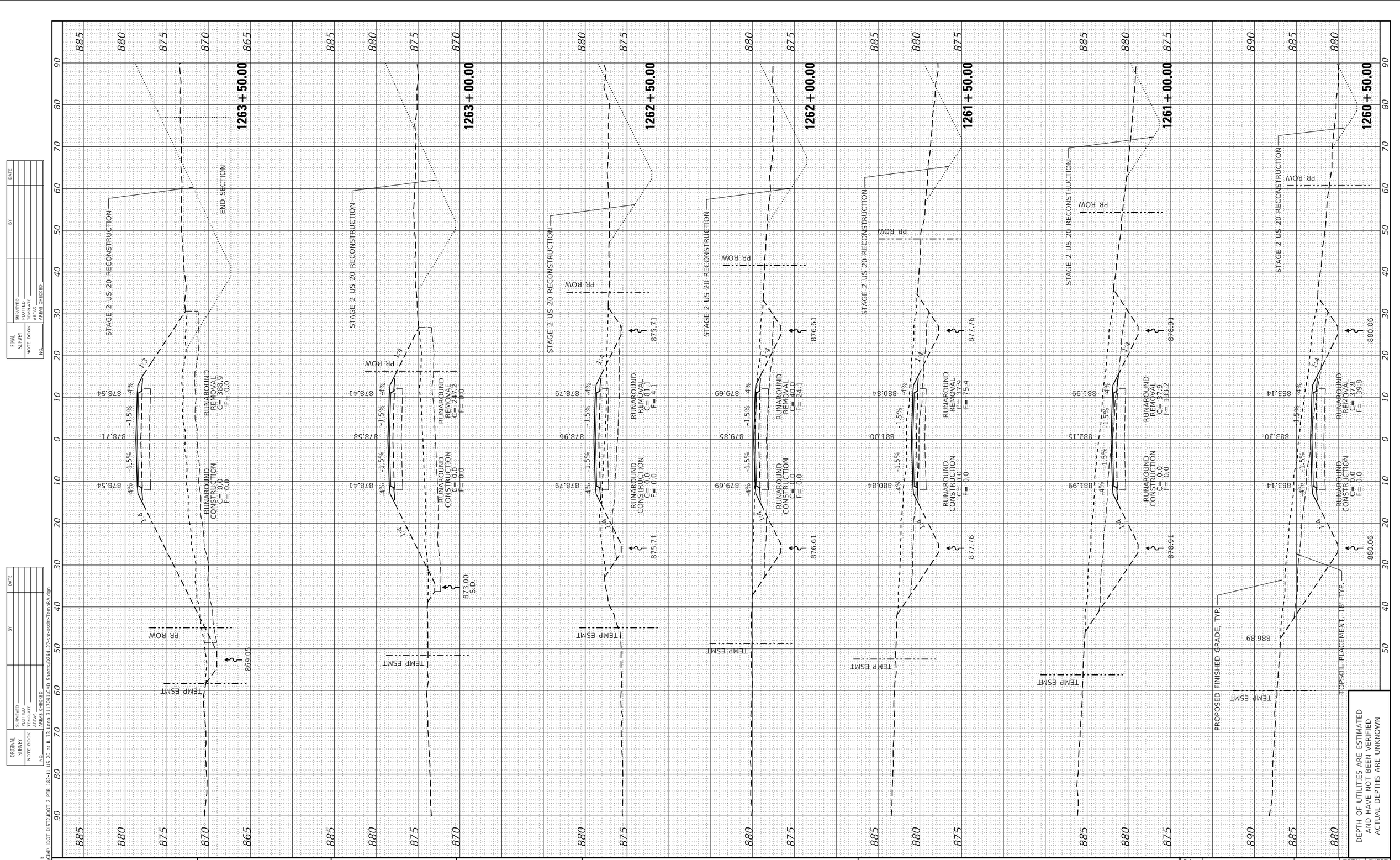
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY RUNAROUND CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 6 OF 11 SHEETS | STA. 1257+00.00 | TO STA. 1260+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	272
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087



FINAL SURVEY | NOTE BOOK | NO. | BY | DATE | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED

ORIGINAL SURVEY | NOTE BOOK | NO. | BY | DATE | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED

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PLOT SCALE = 20.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 10/1/2025	DATE - 10/1/2025	REVISED -

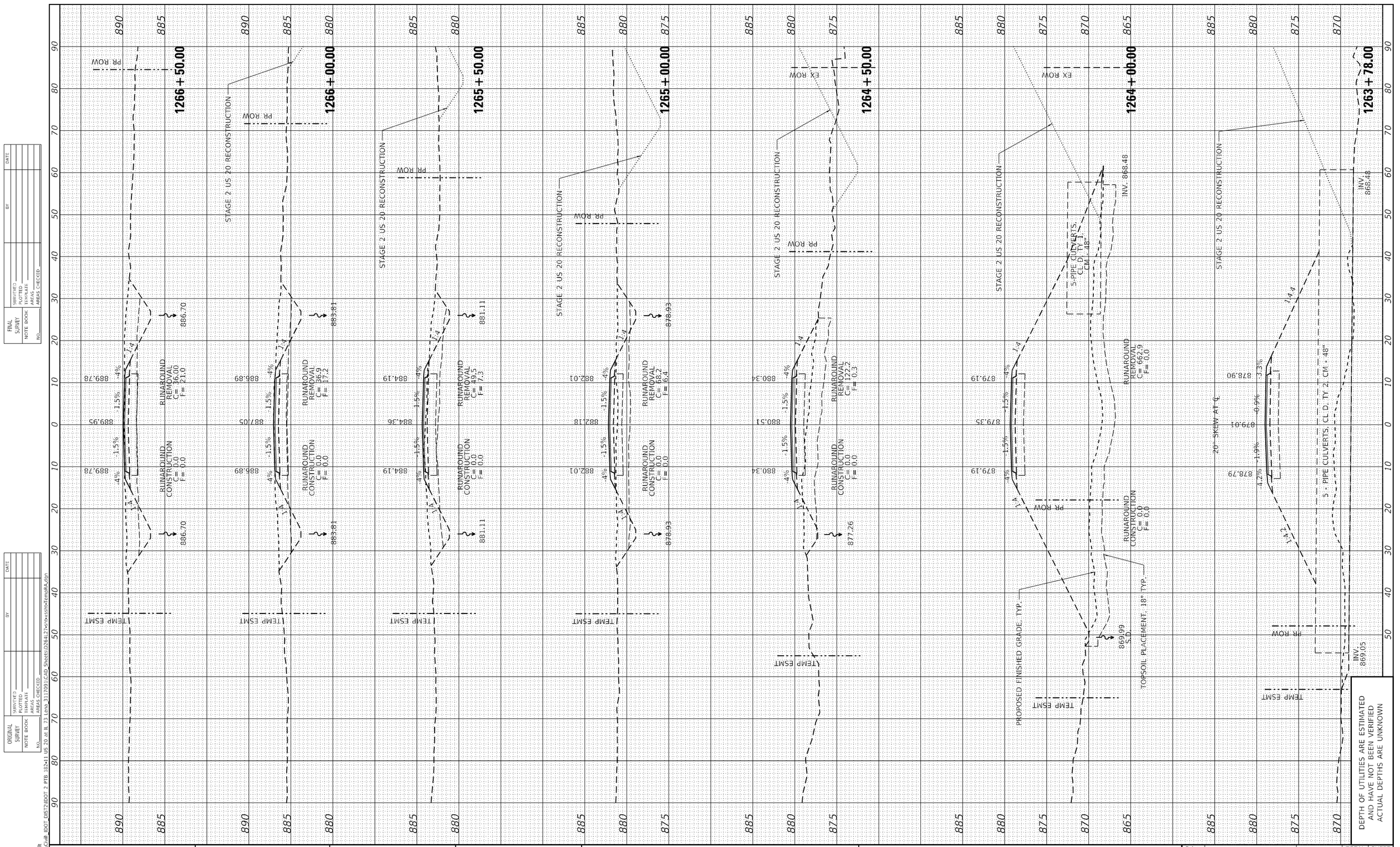
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY RUNAROUND CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 7 OF 11 SHEETS | STA. 1260+50.00 TO STA. 1263+50.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	273
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087



DEPTH OF UTILITIES ARE ESTIMATED AND HAVE NOT BEEN VERIFIED ACTUAL DEPTHS ARE UNKNOWN

FINAL SURVEY	SURVEYED	BY	DATE
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NO.	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	AREAS CHECKED		

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PLOT DATE = 10/1/2025	DATE - 10/1/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY RUNAROUND
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 8 OF 11 SHEETS | STA. 1263+78.00 | TO STA. 1266+50.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	274
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087

FINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

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PR. ROW

1271+00.00

907.86

RUNAROUND REMOVAL C= 54.3 F= 23.3

RUNAROUND CONSTRUCTION C= 0.0 F= 0.0

1270+50.00

906.02

RUNAROUND REMOVAL C= 100.9 F= 3.0

1270+00.00

903.91

RUNAROUND REMOVAL C= 88.4 F= 9.2

1269+50.00

901.66

RUNAROUND REMOVAL C= 60.3 F= 10.6

1269+00.00

899.41

RUNAROUND REMOVAL C= 50.6 F= 14.8

1268+50.00

897.10

RUNAROUND REMOVAL C= 50.9 F= 13.7

1268+00.00

894.68

RUNAROUND REMOVAL C= 42.4 F= 17.4

1267+50.00

892.13

RUNAROUND REMOVAL C= 45.0 F= 15.1

1267+00.00

889.48

RUNAROUND CONSTRUCTION C= 55.8 F= 24.6

TEMP ESMT

PROPOSED FINISHED GRADE, TYP.

TOPSOIL PLACEMENT, 18" TYP.

-1.5%

-4%

1:4

DEPTH OF UTILITIES ARE ESTIMATED
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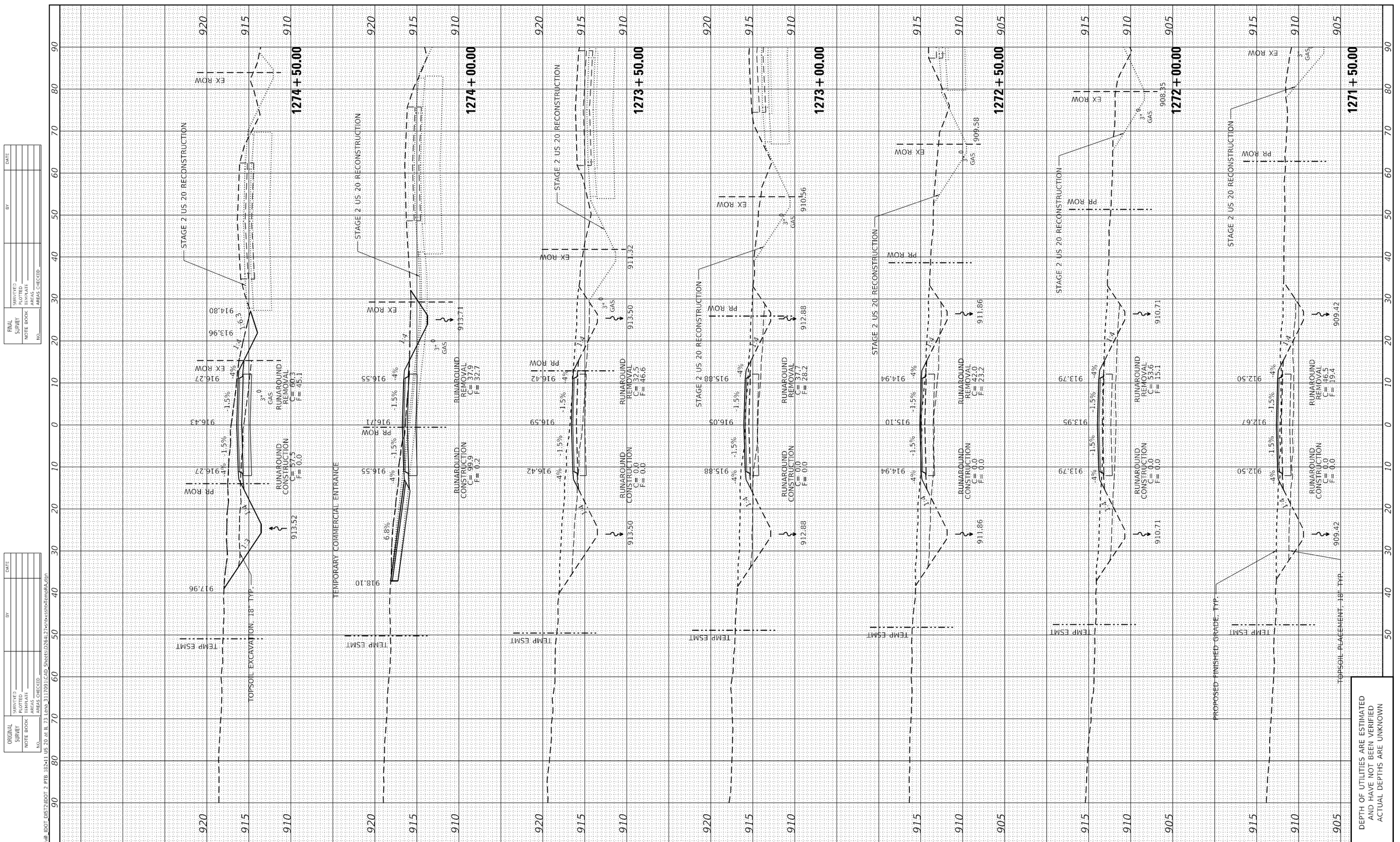
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY RUNAROUND
CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 9 OF 11 SHEETS | STA. 1267+00.00 TO STA. 1271+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	275
		CONTRACT NO. 64L27		
	ILLINOIS	FED. AID PROJECT		

* FAP 301, FAP 654, FAS 1087



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FINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

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PLOT DATE = 10/7/2025	DATE - 10/1/2025	REVISED -	

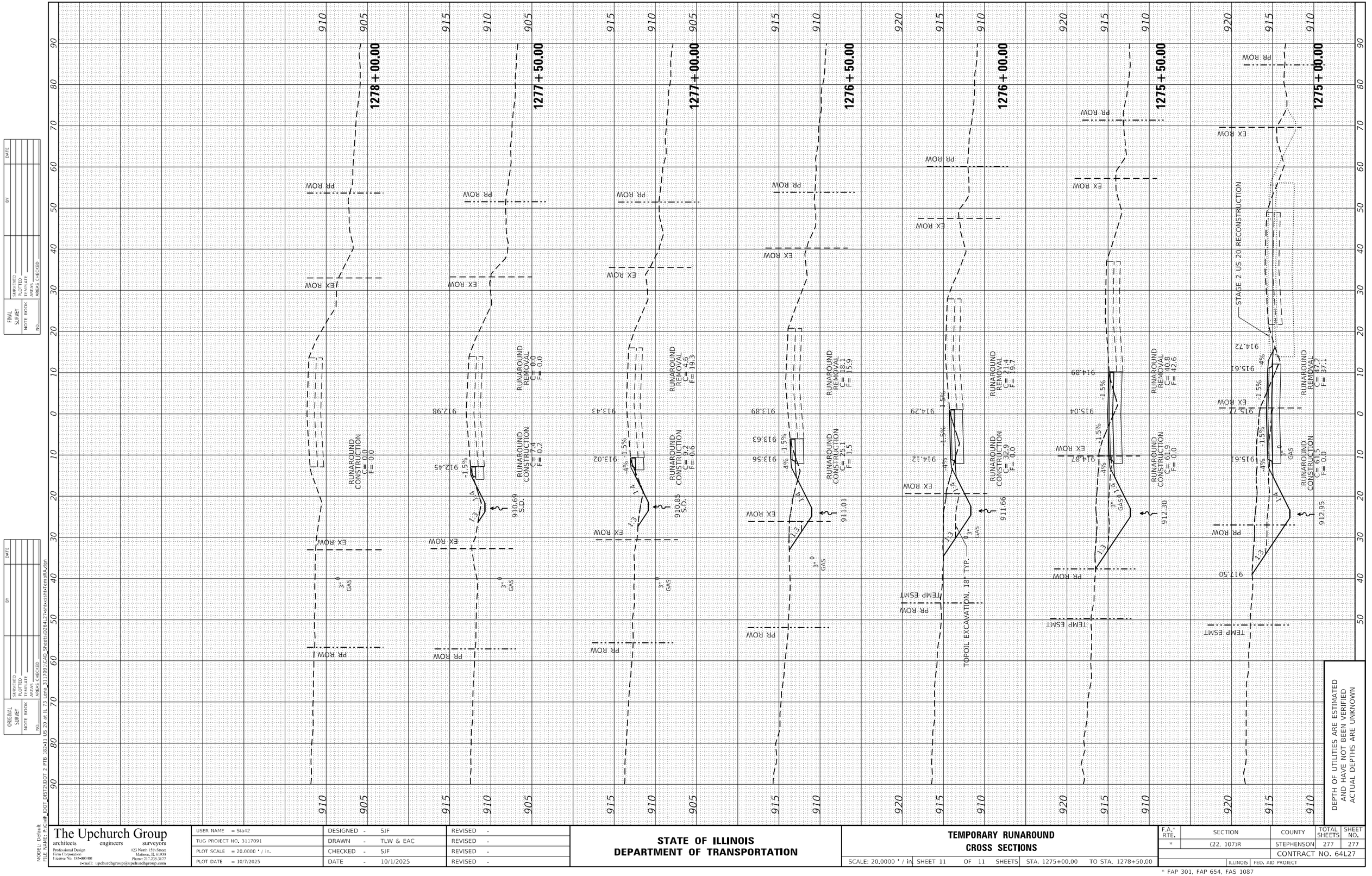
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY RUNAROUND CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 10 OF 11 SHEETS | STA. 1271+50.00 | TO STA. 1274+50.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	276
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087



FINAL SURVEY | NOTE BOOK | NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

ORIGINAL SURVEY | NOTE BOOK | NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

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PLOT DATE = 10/7/2025	DATE - 10/1/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY RUNAROUND CROSS SECTIONS

SCALE: 20.0000 ' / in. | SHEET 11 OF 11 SHEETS | STA. 1275+00.00 TO STA. 1278+50.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(22, 107)R	STEPHENSON	277	277
		CONTRACT NO. 64L27		
	ILLINOIS FED. AID PROJECT			

* FAP 301, FAP 654, FAS 1087