

FOR INDEX OF SHEETS & HIGHWAY STANDARDS, SEE SHEET NO. 2
 FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 4-16

11-18-2022 LETTING ITEM 067

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158*	1
		ILLINOIS	CONTRACT NO. 64G68	

* 158 + 1 = 159 TOTAL SHEETS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DESIGN DESIGNATION : 810(40) MINOR ARTERIAL 0.91 (FD-20)

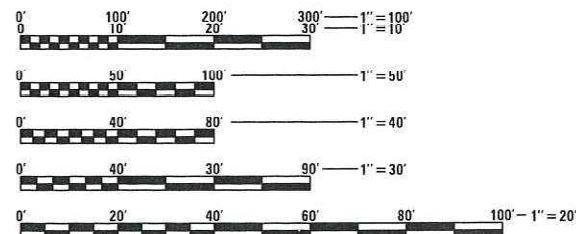
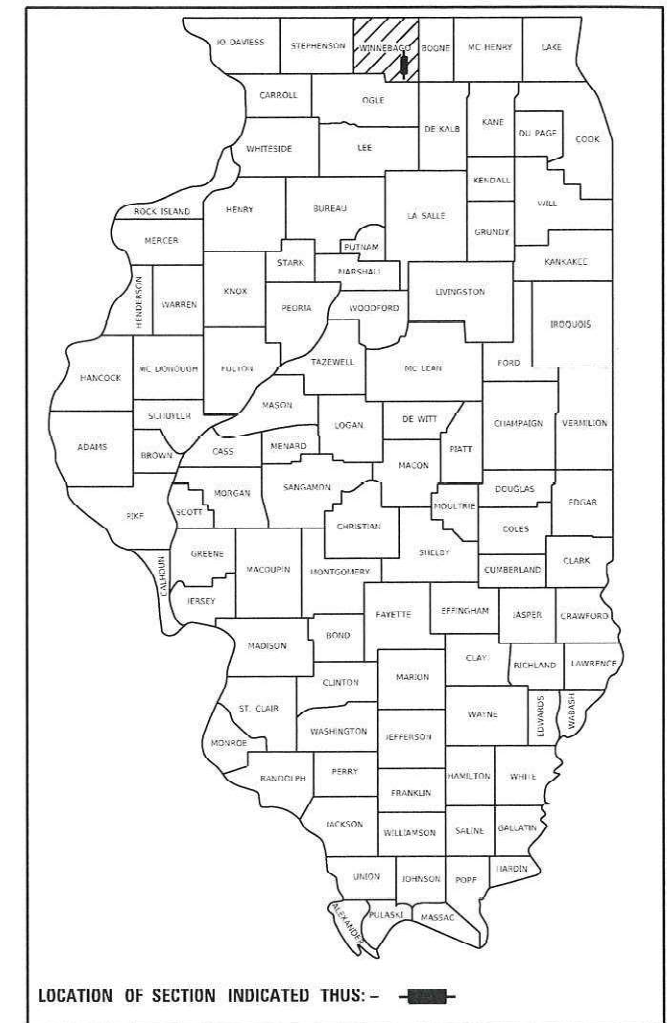
TOWNSHIP: CHERRY VALLEY SECTION: 02, 03, 10, 11

PROPOSED
 HIGHWAY PLANS

FAI ROUTE 39 (I-39)
 SECTION 4HBR-3
 PROJECT PROT-Q7IK(050)
 BRIDGE REPLACEMENT
 PERRYVILLE ROAD OVER I-39
 WINNEBAGO COUNTY

C-92-025-19
 R2E

D-92-015-11



EXISTING STRUCTURE NO. 101-0098
 STATION 30+00.07 PERRYVILLE ROAD (FAU 5148)
 PROPOSED STRUCTURE NO. 101-0206
 STATION 30+30.41 PERRYVILLE ROAD (FAU 5148)
 OVER I-39 (FAI 39)
 TWO-SPAN CONTINUOUS STEEL PLATE GIRDERS
 357'-0" BK TO BK ABUTMENTS
 50°-06'-11" RIGHT FORWARD SKEW

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.

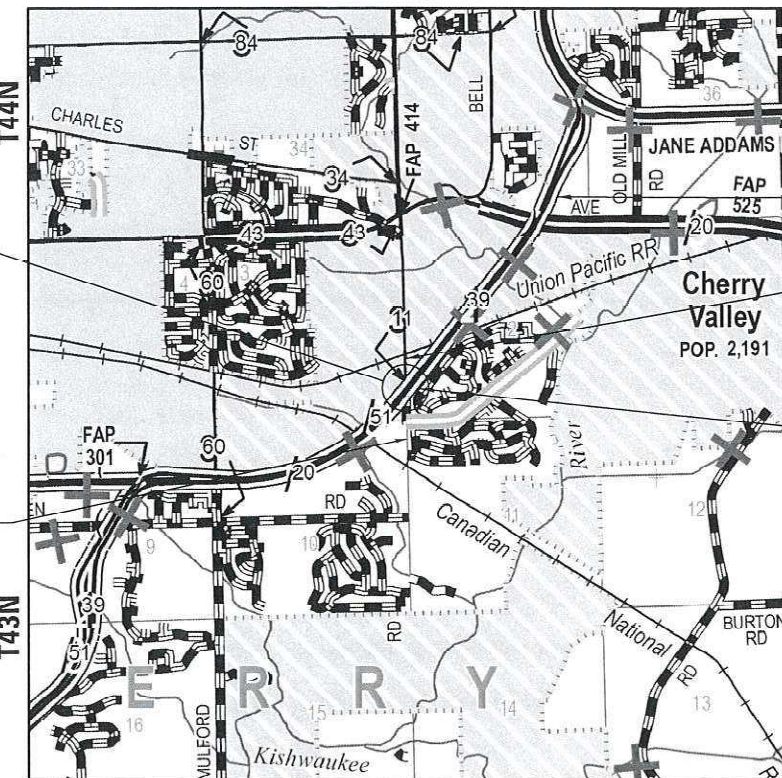
J.U.L.I.E.
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
 1-800-892-0123
 OR 811

PERRYVILLE ROAD
 IMPROVEMENT BEGINS STA 20+40
 PROJECT BEGINS STA 20+40

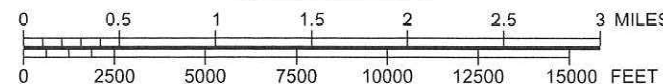
I-39/US BYPASS 20

PERRYVILLE ROAD
 IMPROVEMENT ENDS STA 39+21.61
 PROJECT ENDS STA 38+38.04

I-39
 IMPROVEMENT BEGINS STA 2660+72.20
 PROJECT BEGINS STA 2660+72.20
 IMPROVEMENT ENDS STA 2672+67.70
 PROJECT ENDS STA 2672+67.70



LOCATION MAP
 APPROXIMATE SCALE



GROSS & NET LENGTH = 2993.54 FT. = 0.57 MI.

ESCA
 CONSULTANTS, INC.
 CIVIL & STRUCTURAL ENGINEERS
 URBANA, ILLINOIS
 ESCA JOB NO. 1140.22



EXPIRES 11-30-23

Eric L. Henkel
 SIGNATURE

08/05/22
 DATE

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUBMITTED 08/19 2022
Edward Helms
 REGIONAL ENGINEER

October 14, 2022
Eric L. Henkel
 ENGINEER OF DESIGN AND ENVIRONMENT

October 14, 2022
Stephen M. ...
 DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

STUDIES & PLANS SQUAD ENGINEER: COREY CONDERMAN
 815-284-5936

PROJECT ENGINEER: STEVE ROBERY
 CONSULTANT SERVICES: ERIC HENKEL
 217-384-0505

CONTRACT NO. 64G68

PRINTED BY THE AUTHORITY
 OF THE STATE OF ILLINOIS

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HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-10	PAVEMENT JOINTS
420401-13	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB
420701-03	PAVEMENT WELDED WIRE REINFORCEMENT
515001-04	NAME PLATE FOR BRIDGES
542001-06	CONCRETE END SECTIONS FOR PIPE CULVERTS 15" (375 MM) THRU 84" (2100 MM) DIAMETER
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542401-04	METAL FLARED END SECTION FOR PIPE CULVERTS
542411	SLOPED METAL END SECTIONS FOR PIPE CULVERTS 15" (375 MM) THRU 60" (1500 MM) DIA.
542546-01	FLUSH INLET BOX FOR MEDIAN
601001-05	PIPE UNDERDRAINS
601101-02	CONCRETE HEADWALL FOR PIPE UNDERDRAIN
602306-03	INLET, TYPE B
602401-07	PRECAST MANHOLE, TYPE A, 4'(1.22 M) DIAMETER
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-05	FRAME AND LIDS, TYPE 1
604036-03	GRATE, TYPE 8
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
610001-09	SHOULDER INLET WITH CURB
630001-12	STEEL PLATE BEAM GUARDRAIL
630201-07	PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631031-17	TRAFFIC BARRIER TERMINAL, TYPE 6
635001-02	DELINEATORS
642001-03	SHOULDER RUMBLE STRIPS, 16 IN.
664001-02	CHAIN LINK FENCE
665001-02	WOVEN WIRE FENCE
666001-01	RIGHT-OF-WAY MARKERS
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15'(4.5 M) AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15'(4.5 M) TO 24"(600 MM) FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
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701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15'(4.5 M) AWAY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701400-11	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-13	LANE CLOSURE, FREEWAY/EXPRESSWAY
701406-13	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≥ 45 MPH
701428-01	TRAFFIC CONTROL, SETUP AND REMOVAL, FREEWAY/EXPRESSWAY
701901-08	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
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729001-01	APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS)
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781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

MODEL_PLOT
FILE_NAME: Y:\PROJECTS\1140-22_64G68\CADD\Highway\CADD_Sheets\0264G68-shc-sheet001.dgn



USER NAME = IRC	DESIGNED - SKM/ELH	REVISED -
ESCA PROJECT NO. 1140.22	DRAWN - SKM/NHC	REVISED -
PLOT SCALE = 0.1667' / in.	CHECKED - ELH	REVISED -
PLOT DATE = 8/4/2022	DATE - 07/22	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INDEX OF SHEETS AND HIGHWAY STANDARDS

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	2
			CONTRACT NO. 64G68	
		ILLINOIS	FED. AID PROJECT	

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. 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.
3. 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.
4. THE NEW NUMBER FOR THIS STRUCTURE WILL BE 101-0206.
5. CULVERT & BRIDGE FLOWS MUST BE MAINTAINED THROUGHOUT THE PROJECT. NORMAL FLOW SHALL BE ALLOWED TO PASS AT THE RATE IT ENTERS THE JOBSITE. HIGH FLOWS SHALL BE ALLOWED TO PASS WITHOUT CAUSING DAMAGE TO UPSTREAM PROPERTIES.
6. 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.
7. THE COST OF MAKING STORM SEWER CONNECTIONS TO EXISTING OR PROPOSED DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE VARIOUS CONTRACT UNIT PRICES FOR STORM SEWER.
8. THE CONTRACTOR SHALL SUPPLY THE RESIDENT ENGINEER WITH THE MANUFACTURER'S INSTALLATION REQUIREMENTS FOR THE TYPE OF STEEL PLATE BEAM GUARDRAIL TERMINAL TYPE 1 SPECIAL (TANGENT) OR STEEL PLATE BEAM GUARDRAIL TERMINAL TYPE 1 SPECIAL (FLARED).
9. DELINEATORS SHALL BE INSTALLED AS SHOWN IN STANDARD 635001, EXCEPT THAT THE POST SHALL BE ROTATED 180 DEGREES 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.
10. 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.
11. NOTE REMOVED.

GENERAL NOTES CONT'D

12. 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.
13. PERMANENT SURVEY MARKERS, TYPE II, SHALL BE SET AT INTERVALS OF 1 MILE OR AS DIRECTED BY THE ENGINEER. BRIDGE OR CULVERT PROJECTS SHALL HAVE ONE SURVEY MARKER PLACED NEAR THE STRUCTURE. ESTIMATED: 1 EACH.
14. PERMANENT SURVEY MARKERS, TYPE II SHALL BE CAST-IN-PLACE AS SHOWN ON DISTRICT STANDARD 66.2, OR ANOTHER OPTION WOULD BE TO INSTALL A VAULTED STYLE MONUMENT AS DESCRIBED BY NGS AS A 3D MONUMENT (TOP SECURITY SLEEVE ROD MONUMENT), WITH INSTALLATION INSTRUCTIONS PROVIDED BY THE DISTRICT CHIEF OF SURVEYS. IF POURED IN PLACE, THE BOTTOM OF THE MARKER SHALL BE 5'-0" BELOW THE GROUND SURFACE.
15. THE PERMANENT SURVEY MARKERS, IF POSSIBLE, SHALL BE INSTALLED AT THE BEGINNING OF THE JOB AND PROTECTED THROUGHOUT.
16. THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A DESCRIPTION OF LOCATION, ELEVATION, AND COORDINATES FOR EACH PERMANENT SURVEY MARKER. THE HORIZONTAL COORDINATES MUST BE DERIVED BY GPS AND THE ELEVATION DERIVED USING AN ELECTRONIC LEVEL. THE META DATA, SUCH AS THE GEOID USED, (NGS ADJUSTMENT IE: 97 HARN, 03, 07), AND THE BASE POINT(S) NAME OR NUMBER SHALL BE SUBMITTED ALONG WITH A COMPLETE COLLECTION LOG. IF COLLECTED USING RTK METHOD, IT WILL REQUIRE EITHER 3 COLLECTIONS (AVERAGED) FROM 2 DIFFERENT BASES, OR A MINIMUM OF 3 COLLECTIONS (AVERAGED), AT LEAST 2 HOURS APART, FROM THE SAME BASE. IF USING A CORS TYPE NETWORK, THE COLLECTION PROCEDURE SHALL INCLUDE LOCALIZING WITH CHECK SHOTS ON AT LEAST 2 DIFFERENT HARN MONUMENTS BOTH BEFORE AND AFTER COLLECTION. THE LEVEL CIRCUIT SHALL BE RUN FROM FURNISHED MARK TO FURNISHED MARK AND THEN ADJUSTED. THE ERROR OF CLOSURE SHALL BE SUBMITTED WITH THE ELECTRONIC LEVEL NOTES IN A RECOGNIZED FORMAT APPROVED BY THE ENGINEER AND/OR THE CHIEF OF SURVEYS. THE ENGINEER SHALL SUBMIT THIS INFORMATION TO THE DISTRICT CHIEF OF SURVEYS.
17. 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.
18. THE FOLLOWING LISTED UTILITIES LOCATED WITHIN THE PROJECT LIMITS OR IMMEDIATELY ADJACENT TO THE PROJECT CONSTRUCTION LIMITS ARE MEMBERS OF JULIE:

COMPANY	CONTACT	TELEPHONE
AT&T	MR. HECTOR GARCIA	630-573-5465
NICOR GAS CO.	MR. SAKI FORAH	630-388-3019
FOUR RIVERS SANITATION AUTHORITY	MR. KYLE GRUHN	815-387-7400
COMCAST CABLE	MR. KEITH KOSHINSKI	224-229-5432
VILLAGE OF CHERRY VALLEY	MR. CHUCK FREEMAN	815-332-3441
ALDRIDGE ELECTRIC	MR. CODY KROL	847-772-8208
FRONTIER	MR. ADAM VICKERY	815-323-0708
COMMONWEALTH EDISON COMPANY	MR. AMIR MAHMUTAGIC	630-437-2212

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 FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT

LOCATION(S):	FULL DEPTH PAVEMENT			PERRYVILLE RD RESURFACING		I-39 WIDENING	SHOULDERS		INCIDENTAL
	SURFACE	TOP LIFT BINDER	ALL OTHER LIFTS	SURFACE	BINDER COURSE	SURFACE	SURFACE	ALL LOWER LIFTS	TOP LIFT
PG:	SBS PG 64-28	SBS PG 64-28	PG 58-28	SBS PG 64-28	PG 58-28	SBS PG 64-28	PG 58-28	PG 58-28	PG 58-28
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N90	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION:	IL 9.5	IL 9.5	IL 19.0 OR IL 9.5	IL 9.5	IL 9.5	IL 9.5	IL 9.5 OR 9.5FG	IL 19.0 OR IL 9.5	IL 9.5 OR 9.5FG
FRICITION AGGREGATE:	D	N/A	N/A	D	N/A	F	C	N/A	C
MIXTURE WEIGHT:	112 LBS/SQ YD/IN	112 LBS/SQ YD/IN	112 LBS/SQ YD/IN	112 LBS/SQ YD/IN	112 LBS/SQ YD/IN	112 LBS/SQ YD/IN	112 LBS/SQ YD/IN	112 LBS/SQ YD/IN	112 LBS/SQ YD/IN
QUALITY MANAGEMENT PROGRAM:	QC/QA	QC/QA	QC/QA	QC/QA	QC/QA	QC/QA	QC/QA	QC/QA	QC/QA
SUBLOT SIZE:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MATERIAL TRANSFER DEVICE:	NO	NO	NO	NO	NO	NO	NO	NO	NO

GENERAL NOTES CONT'D

19. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE MUNICIPALITY TO DETERMINE APPROVED METHODS OF UTILITY STRUCTURE ADJUSTMENT. UTILITY STRUCTURES MAY INCLUDE, BUT ARE NOT LIMITED TO, MANHOLES, WATER VALVES, HANDHOLES, ETC. ALL MATERIALS AND WORK NECESSARY TO COMPLETE ADJUSTMENTS PER MUNICIPALITY REQUIREMENTS SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ASSOCIATED ADJUSTMENT PAY ITEM.
20. NOTE REMOVED.
21. ALL I-39 STATIONING AND OFFSETS ARE BASED ON FUTURE C I-39 ALIGNMENT.
22. THE TEMPORARY CONCRETE BARRIER SHALL BE PINNED TO THE PAVEMENT WITH 3 ANCHOR PINS PER SECTION ON THE TRAFFIC SIDE OF THE BARRIER WALL AT THE FOLLOWING LOCATIONS: SBL STA 2665+37.7 TO 2666+50.2 DURING STAGE 2 THE BARRIER UNIT AT EACH END SHALL BE ANCHORED AS SPECIFIED IN ARTICLE 704.04. ALL ANCHORING AND PINNING HOLES SHALL BE CORE DRILLED.
23. DITCH WIDTHS SHALL BE TRANSITIONED TO MATCH THE END SECTION WIDTHS USING A 1:25 TRANSITION RATE.
24. 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.
25. 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.
26. PIPE DRAINS SHALL NOT BE METAL.
27. FOR EXISTING PAVEMENT REMOVAL, ALL HMA AND AGGREGATE BASE THAT CONFLICTS WITH THE PROPOSED WORK SHALL BE REMOVED. AGGREGATE BASE THAT DOES NOT CONFLICT WITH THE PROPOSED WORK MAY REMAIN IN PLACE. THE FULL PLAN THICKNESS OF NEW AGGREGATE BASE SHALL BE CONSTRUCTED EVEN IF THERE IS EXISTING AGGREGATE PRESENT.
28. THE CONTRACTOR WILL BE REQUIRED TO FURNISH 5 3/8" 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.
29. THE FOUR RIVERS SANITATION AUTHORITY WILL BE INVITED TO THE PRECONSTRUCTION MEETING.

COMMITMENTS

1. THE FIRE PIT LOCATED AT STATION 28+25, RT SHALL NOT BE DISTURBED.
2. A TEMPORARY USE PERMIT WILL BE PROVIDED TO THE RESIDENT ENGINEER TO EXTEND THE PRIVATE ENTRANCE AT STATION 37+57.40, RT.
3. THE CONTRACTOR SHALL CONTACT THE FOLLOWING LOCAL PROPERTY OWNERS PRIOR TO CONSTRUCTION TO NOTIFY THEM OF THE CONSTRUCTION START DATE:

NAME	PHONE NUMBER
MIKE McELMEEL	815-703-9101
TONY DAL PRA	815-742-5163
4. ALL TREE IMPACTS WILL BE MITIGATED UNDER INTER GOVERNMENTAL AGREEMENT NO. 21-IDNR-TREES-D2 WITH IDNR, THEREFORE NO TREE REPLACEMENT IS INCLUDED WITH THIS PROJECT. THIS AGREEMENT COVERS ALL PROJECTS FUNDED FROM FY 2022 THROUGH FY 2025.
5. TREES THREE (3) INCHES OR GREATER IN DIAMETER AT BREAST HEIGHT WILL NOT BE CLEARED FROM APRIL 1 THROUGH SEPTEMBER 30. THE US FISH AND WILDLIFE SERVICE CONCURRED WITH OUR DETERMINATION AND DATE RESTRICTION ON TREE CLEARING ON 7/8/2017.
6. THE CONTRACTOR SHALL NOTIFY THE VILLAGE OF CHERRY VALLEY 48 HOURS PRIOR TO THE START OF CONSTRUCTION OF THE BORE PITS FOR THE 36" STORM SEWER JACKED IN PLACE SO THAT THE VILLAGE CAN BE PRESENT FOR THE WORK NEAR THE WATER MAIN. THE CONTACT PERSON IS STEVE STRASSER, PUBLIC WORKS SUPERVISOR, PHONE NUMBER 815-580-8874.

MODEL_PLOT FILE NAME: X:\IDOT\1140-22_64668\CADD\Hwy\CADD_Sheets\0264668-shc-contract02.dgn



USER NAME = nhc	DESIGNED - SKM/ELH	REVISED -
ESCA PROJECT NO. 1140.22	DRAWN - SKM/NHC	REVISED -
PLOT SCALE = 0.1667' / in.	CHECKED - ELH	REVISED -
PLOT DATE = 10/11/2022	DATE - 10/22	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES AND COMMITMENTS

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	3
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

URBAN

Y001 Y001

SUMMARY OF QUANTITIES				CONSTRUCTION CODE	
				90% FEDERAL 10% STATE ROADWAY	90% FEDERAL 10% STATE BRIDGE
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004	0010
					S.N. 101-0206
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	194	194	
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	70	70	
20100500	TREE REMOVAL, ACRES	ACRE	0.5	0.5	
20200100	EARTH EXCAVATION	CU YD	11785	11785	
20400800	FURNISHED EXCAVATION	CU YD	16380	16380	
20800150	TRENCH BACKFILL	CU YD	120	120	
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	26712	26712	
25000110	SEEDING, CLASS 1A	ACRE	0.50	0.50	
25000210	SEEDING, CLASS 2A	ACRE	5.00	5.00	
25000310	SEEDING, CLASS 4	ACRE	0.50	0.50	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	540	540	
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	540	540	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	540	540	
*** 25000750	MOWING	ACRE	6.00	6.00	

*REFER TO THE HEADER OF THIS SOQ SHEET IN REGARDS TO ALL FOLLOWING SOQ SHEETS.

*** 100% STATE * SPECIALTY ITEM

MODEL: PLOT01
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USER NAME = IRC	DESIGNED - IRC	REVISED -
ESCA PROJECT NO. 1140 22	DRAWN - IRC	REVISED -
PLOT SCALE = 0.1667' / in.	CHECKED - ELH	REVISED -
PLOT DATE = 8/4/2022	DATE - 07/22	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 1 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	4
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES				NHPP	
				CONSTRUCTION CODE	
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
				ROADWAY	BRIDGE
				0004	0010
				URBAN	S.N. 101-0206
25100125	MULCH, METHOD 3	ACRE	6.50	6.50	
25100630	EROSION CONTROL BLANKET	SQ YD	24930	24930	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1200	1200	
28000305	TEMPORARY DITCH CHECKS	FOOT	362	362	
28000400	PERIMETER EROSION BARRIER	FOOT	1211	1211	
28000500	INLET AND PIPE PROTECTION	EACH	11	11	
28000510	INLET FILTERS	EACH	2	2	
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	7635	7635	
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	286	286	
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	17161	17161	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	5689	5689	
40600370	LONGITUDINAL JOINT SEALANT	FOOT	5224	5224	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	305	305	
40602978	HOT-MIX ASPHALT BINDER COURSE, IL- 9.5, N50	TON	134	134	

* SPECIALTY ITEM

MODEL: PLOT02
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USER NAME = IRC	DESIGNED - IRC	REVISED -
ESCA PROJECT NO. 1140.22	DRAWN - IRC	REVISED -
PLOT SCALE = 0.1667' / in.	CHECKED - ELH	REVISED -
PLOT DATE = 8/4/2022	DATE - 07/22	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 2 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	5
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES				NHPP	
				CONSTRUCTION CODE	
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80% FEDERAL	80% FEDERAL
				20% STATE	20% STATE
				ROADWAY	BRIDGE
				0004	0010
URBAN	S.N. 101-0206				
40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	521	521	
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	92	92	
40604084	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "F", N90	TON	194	194	
40701911	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 11 1/2"	SQ YD	5271	5271	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	38	38	
42000060	WELDED WIRE REINFORCEMENT	SQ YD	269	269	
42000080	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB	SQ YD	458	458	
42001300	PROTECTIVE COAT	SQ YD	580	580	
44000100	PAVEMENT REMOVAL	SQ YD	3776	3776	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	127	127	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	249	249	
44004000	PAVED DITCH REMOVAL	FOOT	88	88	
44004250	PAVED SHOULDER REMOVAL	SQ YD	1577	1577	
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	14	14	

MODEL PLOTS
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ESCA PROJECT NO. 1140.22
PLOT SCALE = 0.1667' / in.
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 3 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	6
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES				NHPP	
				CONSTRUCTION CODE	
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
				ROADWAY	BRIDGE
				0004	0010
				URBAN	S.N. 101-0206
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	3052	3052	
48203037	HOT-MIX ASPHALT SHOULDERS, 10"	SQ YD	1719	1719	
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1		1
50104400	CONCRETE HEADWALL REMOVAL	EACH	4	4	
50105220	PIPE CULVERT REMOVAL	FOOT	235	235	
50157300	PROTECTIVE SHIELD	SQ YD	647		647
50200100	STRUCTURE EXCAVATION	CU YD	940		940
50300225	CONCRETE STRUCTURES	CU YD	376.6		376.6
50300255	CONCRETE SUPERSTRUCTURE	CU YD	694.1		694.1
50300300	PROTECTIVE COAT	SQ YD	2460		2460
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1		1
50500505	STUD SHEAR CONNECTORS	EACH	4914		4914
50800105	REINFORCEMENT BARS	POUND	244	244	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	227030		227030

MODEL_PLOT04
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 4 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	7
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES				NHPP	
				CONSTRUCTION CODE	
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
				ROADWAY	BRIDGE
				0004	0010
				URBAN	S.N. 101-0206
51100100	SLOPE WALL 4 INCH	SQ YD	721		721
51200959	FURNISHING METAL SHELL PILES 14" X 0.312"	FOOT	1151		1151
51202305	DRIVING PILES	FOOT	1151		1151
51203200	TEST PILE METAL SHELLS	EACH	3		3
51204650	PILE SHOES	EACH	69		69
51500100	NAME PLATES	EACH	1		1
52000110	PREFORMED JOINT STRIP SEAL	FOOT	150		150
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	12		12
52100520	ANCHOR BOLTS, 1"	EACH	24		24
52100540	ANCHOR BOLTS, 1 1/2"	EACH	12		12
52200010	TEMPORARY SHEET PILING	SQ FT	822		822
52200015	PERMANENT SHEET PILING	SQ FT	951		951
542D0217	PIPE CULVERTS, CLASS D, TYPE 1 12"	FOOT	120	120	
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	115	115	

MODEL PLOTS
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 5 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	8
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES				NHPP	
				CONSTRUCTION CODE	
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80% FEDERAL	80% FEDERAL
				20% STATE	20% STATE
				ROADWAY	BRIDGE
				0004	0010
				URBAN	S.N. 101-0206
542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	39	39	
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	2	2	
54244405	FLUSH INLET BOX FOR MEDIAN, STANDARD 542546	EACH	1	1	
54248510	CONCRETE COLLAR	CU YD	0.6	0.6	
54260315	TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTION	FOOT	52	52	
54260715	SLOPED METAL END SECTION WITH GRATE, STANDARD 542411, 15", 1:6	EACH	4	4	
54261618	CONCRETE END SECTION, STANDARD 542001, 18", 1:6	EACH	1	1	
54261636	CONCRETE END SECTION, STANDARD 542001, 36", 1:6	EACH	2	2	
54262712	METAL FLARED END SECTIONS 12"	EACH	4	4	
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	17	17	
55100500	STORM SEWER REMOVAL 12"	FOOT	19	19	
55201300	STORM SEWERS JACKED IN PLACE, 36"	FOOT	210	210	
58600101	GRANULAR BACKFILL FOR STRUCTURES	CU YD	510		510
58700300	CONCRETE SEALER	SQ FT	2570		2570

MODEL PLOT/6
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 6 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	9
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES				NHPP	
				CONSTRUCTION CODE	
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
				ROADWAY	BRIDGE
				0004	0010
				URBAN	S.N. 101-0206
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	204		204
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	7	7	
60100945	PIPE DRAINS 12"	FOOT	299	299	
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	80	80	
60146304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	325		325
60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1	
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1	
60219000	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	1	1	
60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	2	2	
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1	1	
60258200	MANHOLES TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	2	2	
60500040	REMOVING MANHOLES	EACH	1	1	
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	2.6	2.6	
60600605	CONCRETE CURB, TYPE B	FOOT	30	30	

MODEL: PLOT07
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PLOT SCALE = 0.1667' / in.
PLOT DATE = 8/4/2022

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DATE - 07/22

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 7 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	10
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES				NHPP	
				CONSTRUCTION CODE	
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80% FEDERAL	80% FEDERAL
				20% STATE	20% STATE
				ROADWAY	BRIDGE
				0004	0010
				URBAN	S.N. 101-0206
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	287	287	
61000050	CONCRETE THRUST BLOCKS	EACH	4	4	
61000115	TYPE E INLET BOX, STANDARD 610001	EACH	4	4	
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	475	475	
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4	4	
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4	4	
63200310	GUARDRAIL REMOVAL	FOOT	1827	1827	
63301210	REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	87.5	87.5	
63301990	REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE 1	EACH	2	2	
63500105	DELINEATORS	EACH	34	34	
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	1196	1196	
64300320	IMPACT ATTENUATORS (FULLY REDIRECTIVE, RESETTABLE), TEST LEVEL 3	EACH	2	2	
66400105	CHAIN LINK FENCE, 4'	FOOT	106	106	
66406100	CHAIN LINK GATES, 4' X 18' DOUBLE	EACH	1	1	

* SPECIALTY ITEM

MODEL PLOTS
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PLOT DATE = 8/4/2022	DATE - 07/22	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 8 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	11
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES				NHPP	
				CONSTRUCTION CODE	
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
				ROADWAY	BRIDGE
				0004	0010
				URBAN	S.N. 101-0206
66500105	WOVEN WIRE FENCE, 4'	FOOT	462	462	
66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	20	20	
* 66700305	PERMANENT SURVEY MARKERS, TYPE II	EACH	1	1	
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1	
* 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	12	12	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	10	10	
67100100	MOBILIZATION	L SUM	1	1	
70100205	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	EACH	4	4	
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	1	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	10	10	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	28	
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1	

* SPECIALTY ITEM

MODEL PLOT09
FILE NAME: Y:\PLOT011140-22_64G68\CADD\Highway\CADD Sheets\0264G68-pls-ss01.dgn



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ESCA PROJECT NO. 1140.22	DRAWN - IRC	REVISED -
PLOT SCALE = 0.1667' / in.	CHECKED - ELH	REVISED -
PLOT DATE = 8/4/2022	DATE - 07/22	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 9 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	12
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES				NHPP	
				CONSTRUCTION CODE	
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80% FEDERAL	80% FEDERAL
				20% STATE	20% STATE
				ROADWAY	BRIDGE
				0004	0010
				URBAN	S.N. 101-0206
70300100	SHORT TERM PAVEMENT MARKING	FOOT	936	936	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	312	312	
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	142	142	
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	11726	11726	
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	390	390	
70300251	TEMPORARY PAVEMENT MARKING - LINE 8"- PAINT	FOOT	420	420	
70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	387	387	
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	36	36	
70400100	TEMPORARY CONCRETE BARRIER	FOOT	1200	1200	
70400125	PINNING TEMPORARY CONCRETE BARRIER	EACH	33	33	
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1200	1200	
70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2	2	
70600332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2	2	
* 72000200	SIGN PANEL - TYPE 2	SQ FT	32	32	

* SPECIALTY ITEM

MODEL PLOT 1.0
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ESCA PROJECT NO. 1140.22	DRAWN - IRC	REVISED -
PLOT SCALE = 0.1667' / in.	CHECKED - ELH	REVISED -
PLOT DATE = 8/4/2022	DATE - 07/22	REVISED -

DESIGNED - IRC	REVISED -
DRAWN - IRC	REVISED -
CHECKED - ELH	REVISED -
DATE - 07/22	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 10 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	13
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES				CONSTRUCTION CODE	
				80% FEDERAL 20% STATE ROADWAY	80% FEDERAL 20% STATE BRIDGE
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004	0010
				URBAN	S.N. 101-0206
* 72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	219	219	
* 72400730	RELOCATE SIGN PANEL - TYPE 3	SQ FT	219	219	
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	6	6	
72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	2014	2014	
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	30	30	
73400100	CONCRETE FOUNDATIONS	CU YD	4.2	4.2	
73700100	REMOVE GROUND MOUNTED SIGN SUPPORT	EACH	2	2	
73700200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	2	2	
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	142	142	
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	9455	9455	
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	390	390	
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	420	420	
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	357	357	
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	36	36	

* SPECIALTY ITEM

MODEL_PLOT11
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USER NAME = nhc	DESIGNED - IRC	REVISED -
ESCA PROJECT NO. 1140-22	DRAWN - IRC	REVISED -
PLOT SCALE = 0.1667' / in.	CHECKED - ELH	REVISED -
PLOT DATE = 8/10/2022	DATE - 07/22	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 11 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	14
			CONTRACT NO. 64G68	
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES				NHPP	
				CONSTRUCTION CODE	
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80% FEDERAL	80% FEDERAL
				20% STATE	20% STATE
				ROADWAY	BRIDGE
				0004	0010
				URBAN	S.N. 101-0206
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	2271	2271	
* 78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	30	30	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	103	103	
* 78100300	REPLACEMENT REFLECTOR	EACH	38	38	
* 78200010	BARRIER WALL REFLECTORS, TYPE B	EACH	20	20	
* 78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	200	200	
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	62	62
	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	6218	6218
	X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	1
	X0322936	REMOVE EXISTING FLARED END SECTION	EACH	3	3
	X0327095	VALVE OPERATING STEM EXTENSION	FOOT	12	12
	X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	1	1
	X5010523	REMOVE CONCRETE END SECTION	EACH	1	1
	X5030250	BRIDGE DECK GROOVING (LONGITUDINAL)	SQ YD	1439	1439
	X5030353	CONCRETE WEARING SURFACE, 5 1/4"	SQ YD	320	320

* SPECIALTY ITEM

MODEL: PLOT12
FILE NAME: Y:\PROJECTS\1140-22_64G68\CADD\Hwy\CADD_Sheets\0264G68-plc-5001.dgn



USER NAME = IRC
ESCA PROJECT NO. 1140.22
PLOT SCALE = 0.1667' / in.
PLOT DATE = 8/4/2022

DESIGNED - IRC	REVISED -
DRAWN - IRC	REVISED -
CHECKED - ELH	REVISED -
DATE - 07/22	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 12 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	15
			CONTRACT NO. 64G68	
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES				NHPP	
				CONSTRUCTION CODE	
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80% FEDERAL	80% FEDERAL
				20% STATE	20% STATE
				ROADWAY	BRIDGE
				0004	0010
				URBAN	S.N. 101-0206
X5040100	PRECAST BRIDGE APPROACH SLAB	SQ FT	2800		2800
X6024210	DOUBLE INLET, SPECIAL	EACH	1	1	
X6430120	REMOVE IMPACT ATTENUATORS, NO SALVAGE	EACH	2	2	
X6431110	REMOVE ATTENUATOR BASE	EACH	2	2	
X6640300	CHAIN LINK FENCE REMOVAL	FOOT	140	140	
X6650202	WOVEN WIRE FENCE REMOVAL	FOOT	428	428	
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1	
X7010805	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401 (SPECIAL)	L SUM	1	1	
* X7820007	GUARDRAIL REFLECTORS, TYPE C (SPECIAL)	EACH	17	17	
X7830050	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL	EACH	38	38	
Z0004638	PAVEMENT BREAKING	SQ YD	2260	2260	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	
* Z0025505	PROPERTY MARKERS	EACH	15	15	
Z0028415	GEOTECHNICAL REINFORCEMENT	SQ YD	8059	8059	

* SPECIALTY ITEM

MODEL: PLOT13
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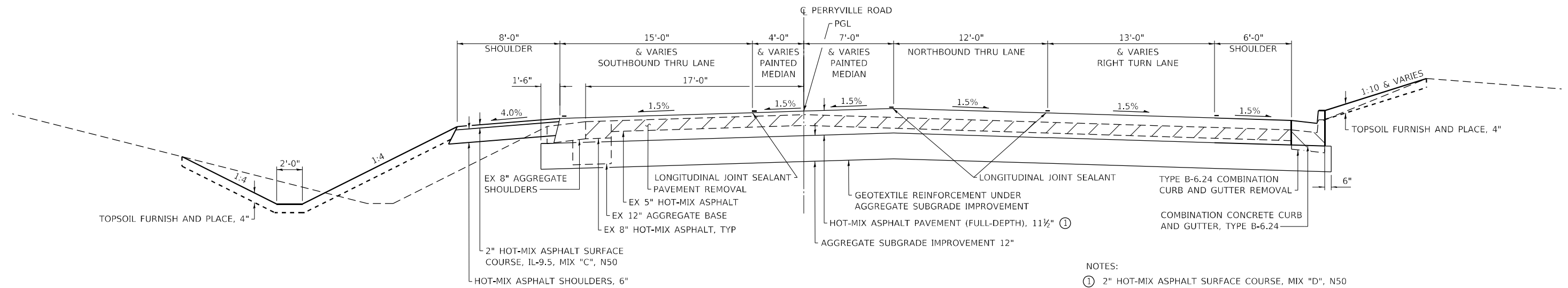
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PLOT SCALE = 0.1667' / in.	CHECKED - ELH	REVISED -
PLOT DATE = 8/4/2022	DATE - 07/22	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 13 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	16
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

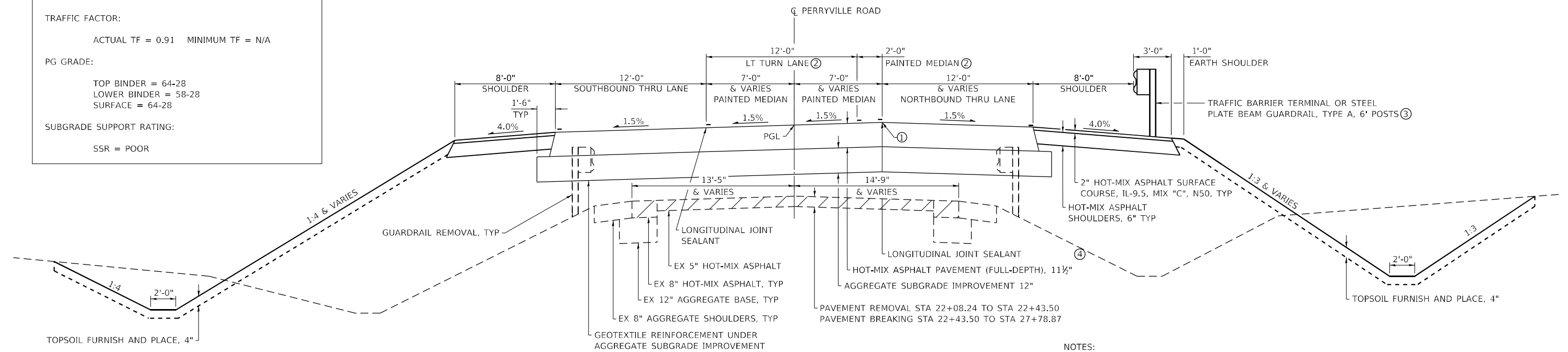


TYPICAL SECTION
STA 20+40.00 TO STA 21+04.44

NOTES:

- ① 2" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50
- 2 1/4" HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50
- 7 1/4" HOT-MIX ASPHALT BINDER COURSE, IL-9.5 OR IL-19.0, N50 (2 LIFTS 3 1/4" & 4")

STRUCTURAL DESIGN TRAFFIC:	YEAR 2030	
PV = 7182	SU = 481	MU = 93
ROAD/STREET CLASSIFICATION:	CLASS II	
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P = 50%	S = 50%	M = 50%
TRAFFIC FACTOR:		
ACTUAL TF = 0.91	MINIMUM TF = N/A	
PG GRADE:		
TOP BINDER = 64-28		
LOWER BINDER = 58-28		
SURFACE = 64-28		
SUBGRADE SUPPORT RATING:		
SSR = POOR		



TYPICAL SECTION
STA 22+08.24 TO STA 27+78.87

NOTES:

- ① PEAK TRANSITIONS FROM 7' RT AT STA 24+23.24 TO 0' RT AT STA 25+23.68
- ② LT TURN LANE STA 22+08.24 TO STA 24+23.24
- ③ GUARDRAIL STABILIZATION BEGINS STA 26+76 LT AND STA 23+40 RT
- ④ 2" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50
- 2 1/4" HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50
- 7 1/4" HOT-MIX ASPHALT BINDER COURSE, IL-9.5 OR IL-19.0, N50 (2 LIFTS 3 1/4" & 4")

MODEL_PLOT
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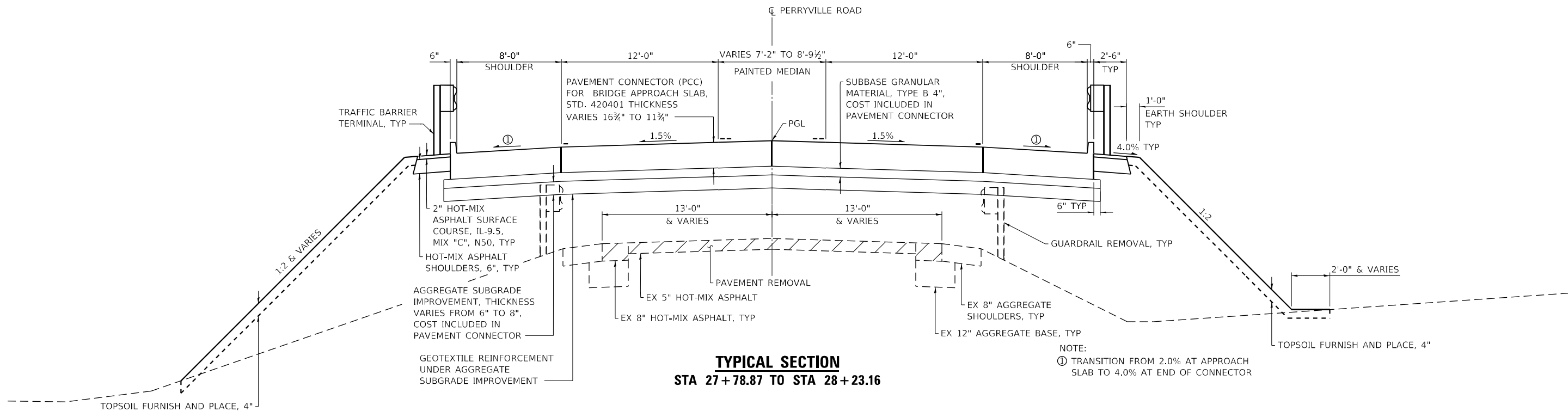
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ESCA PROJECT NO. 1140-22	DRAWN - KAH/NHC	REVISED -
PLOT SCALE = 0.1667' / in.	CHECKED - ELH	REVISED -
PLOT DATE = 8/4/2022	DATE - 07/22	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PERRYVILLE ROAD TYPICAL SECTIONS

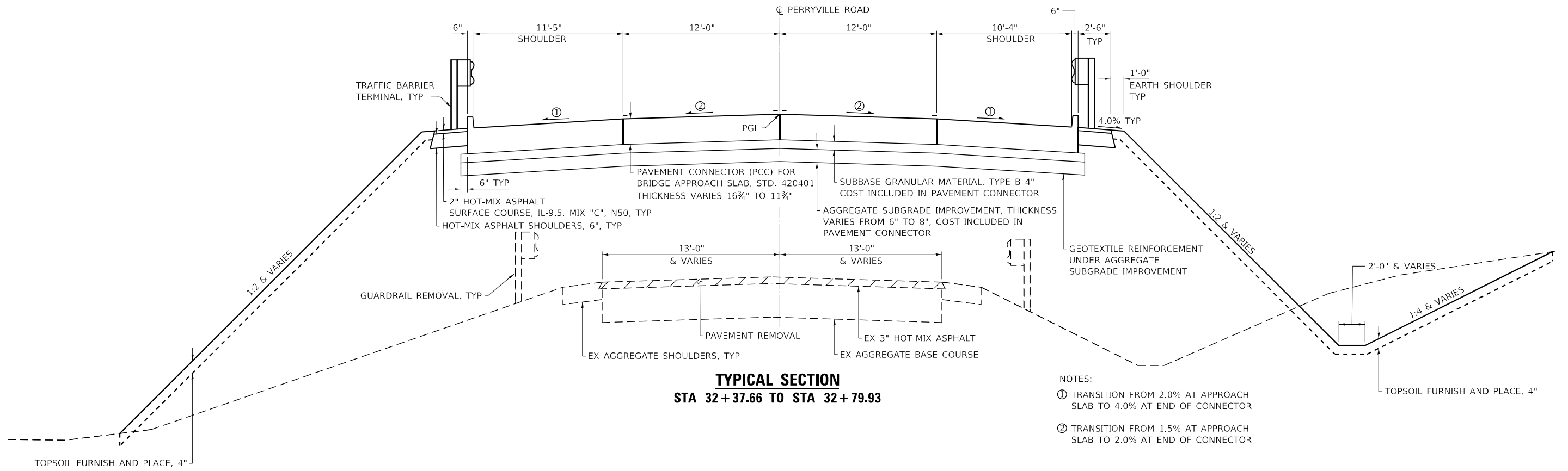
SCALE: NONE SHEET NO. 1 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	17
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				



TYPICAL SECTION
STA 27+78.87 TO STA 28+23.16

NOTE:
 ① TRANSITION FROM 2.0% AT APPROACH SLAB TO 4.0% AT END OF CONNECTOR



TYPICAL SECTION
STA 32+37.66 TO STA 32+79.93

NOTES:
 ① TRANSITION FROM 2.0% AT APPROACH SLAB TO 4.0% AT END OF CONNECTOR
 ② TRANSITION FROM 1.5% AT APPROACH SLAB TO 2.0% AT END OF CONNECTOR

MODEL_PLOT
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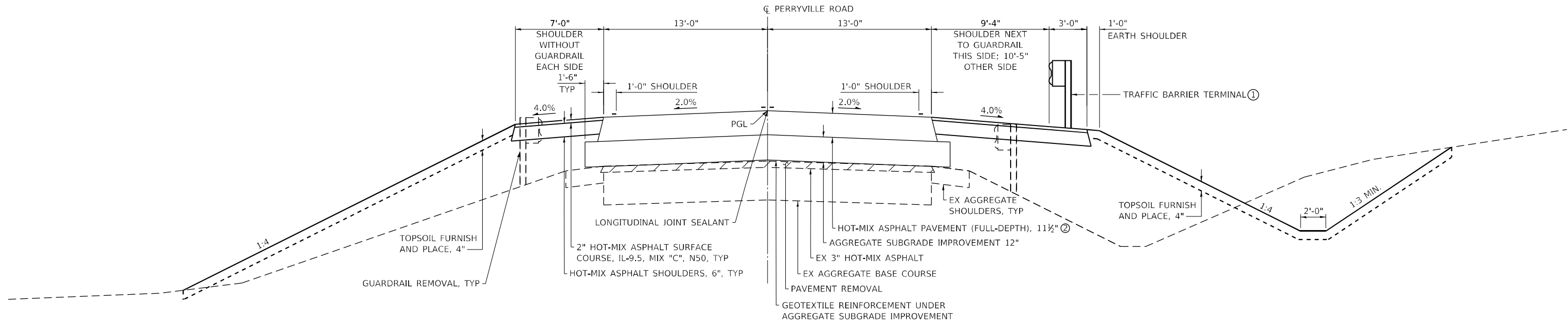
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PLOT SCALE = 0.1667' / in.	CHECKED - ELH	REVISED -
PLOT DATE = 8/4/2022	DATE - 07/22	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PERRYVILLE ROAD TYPICAL SECTIONS

SCALE: NONE SHEET NO. 2 OF 3 SHEETS STA. TO STA.

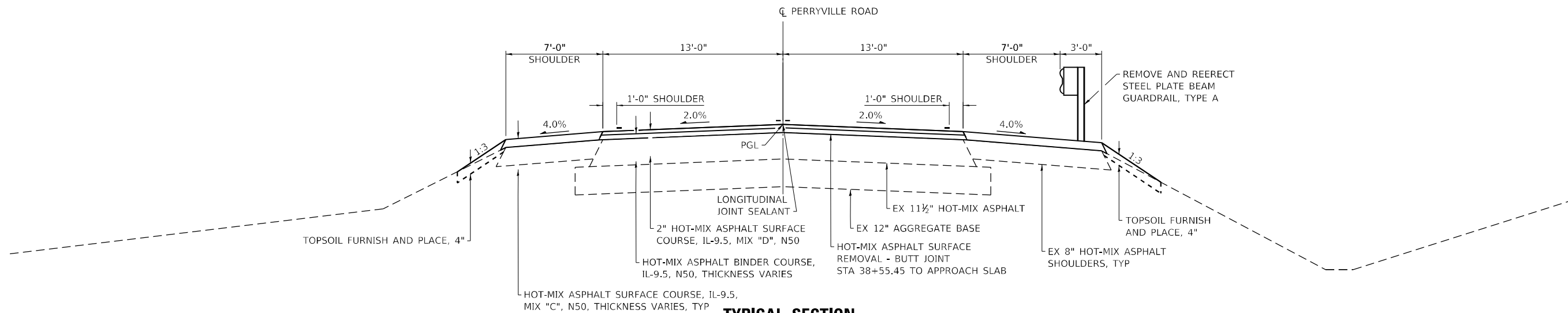
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	18
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				



TYPICAL SECTION
STA 32 + 79.93 TO STA 36 + 39.00

NOTES:

- ① GUARDRAIL STABILIZATION ENDS STA 33+04 LT AND STA 33+46 RT
- ② 2" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50
- 2 1/4" HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50
- 7 1/4" HOT-MIX ASPHALT BINDER COURSE, IL-9.5 OR IL-19.0, N50 (2 LIFTS 3 1/4" & 4")



TYPICAL SECTION
STA 36 + 39.00 TO STA 39 + 14.59

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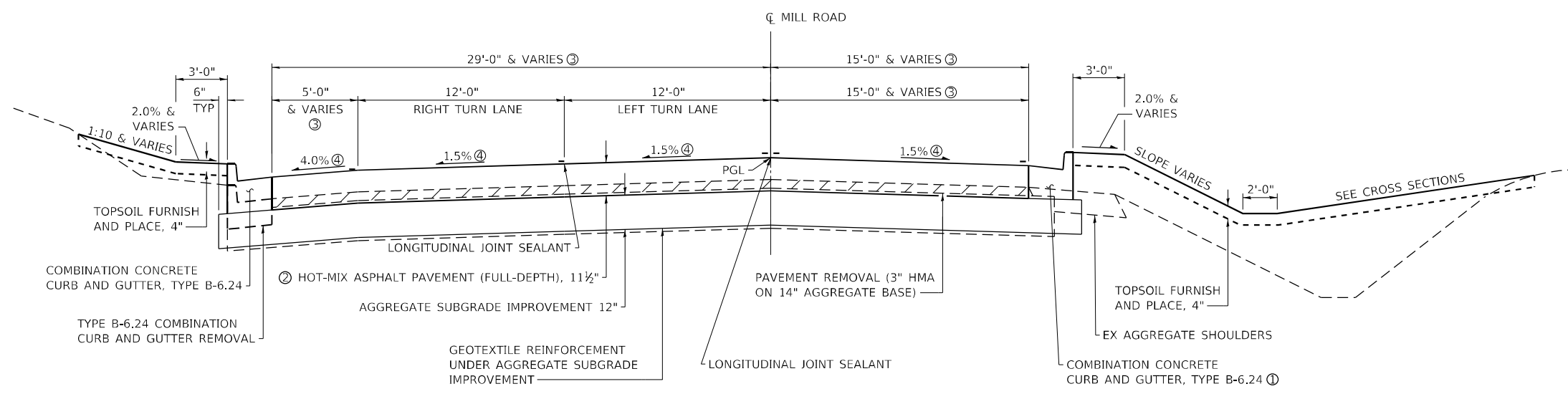
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PLOT DATE = 8/4/2022	DATE - 07/22	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PERRYVILLE ROAD TYPICAL SECTIONS

SCALE: NONE SHEET NO. 3 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	19
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				



TYPICAL SECTION
STA 100+49.00 TO STA 101+50.00

- NOTES:
- ① PROPOSED AGGREGATE SHOULDERS, TYPE B 6"
2' WIDTH AT STA 101+17.57 TO 5' WIDTH AT STA 101+50
 - ② 2" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50
2 1/4" HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50
7 1/4" HOT-MIX ASPHALT BINDER COURSE, IL-9.5 OR IL-19.0, N50 (2 LIFTS 3 1/4" & 4")
 - ③ SEE MILL ROAD INTERSECTION DETAILS SHEET
 - ④ VARIES NEAR MILL ROAD/PERRYVILLE ROAD INTERSECTION

MODEL_PLOT
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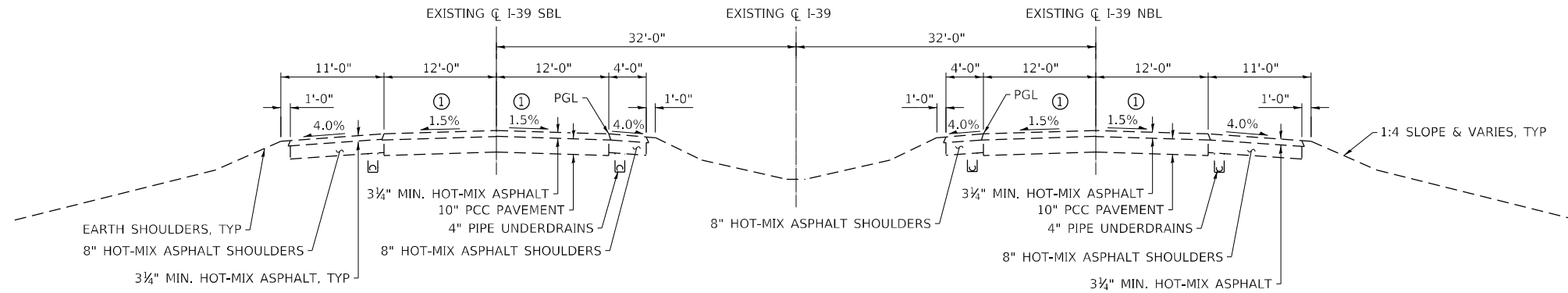


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PLOT SCALE = 0.1667' / in.	CHECKED - ELH	REVISED -
PLOT DATE = 8/4/2022	DATE - 07/22	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

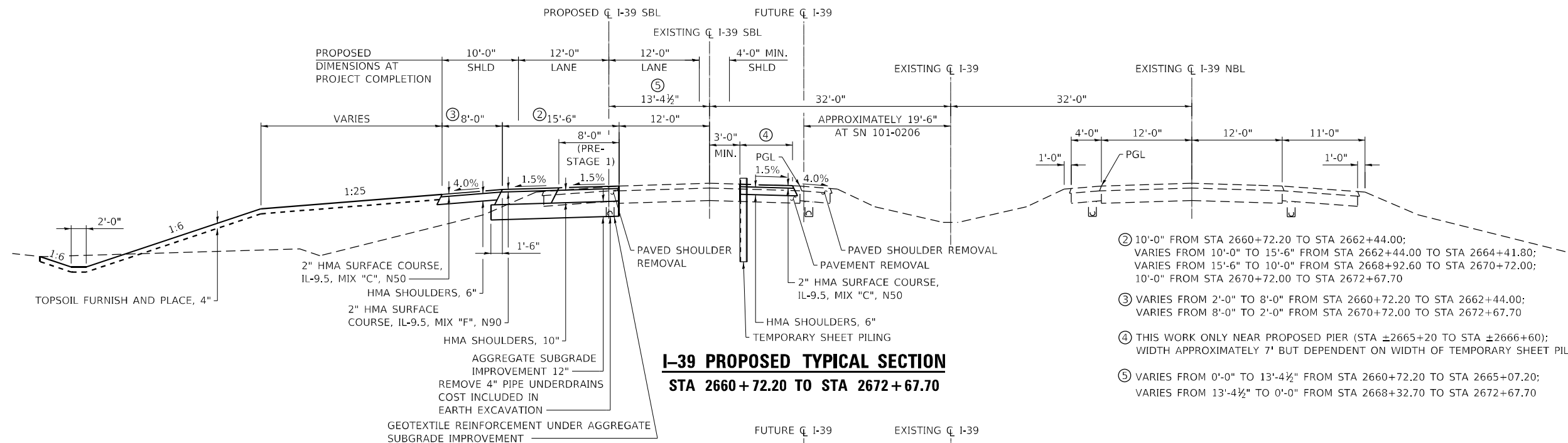
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		MILL ROAD TYPICAL SECTION			

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	20
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				



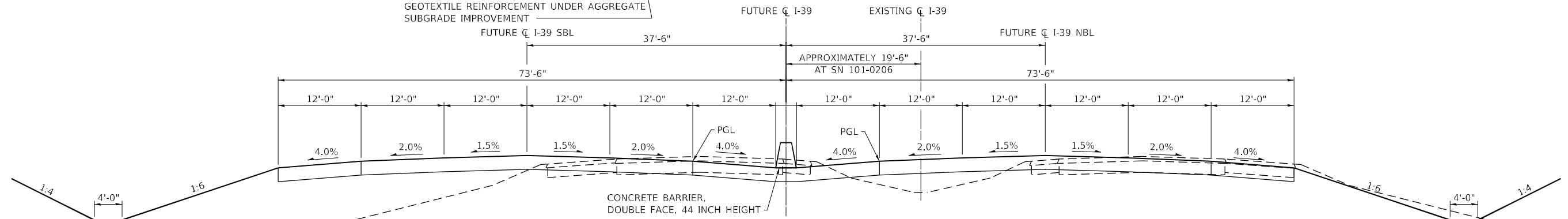
I-39 EXISTING TYPICAL SECTION
STA 2658+00.00 TO STA 2675+00.00

① CROSSLOPE VARIES AT SUPERELEVATION FROM STA 2658+00.00 TO STA 2664+33.63



I-39 PROPOSED TYPICAL SECTION
STA 2660+72.20 TO STA 2672+67.70

- ② 10'-0" FROM STA 2660+72.20 TO STA 2662+44.00;
VARIES FROM 10'-0" TO 15'-6" FROM STA 2662+44.00 TO STA 2664+41.80;
VARIES FROM 15'-6" TO 10'-0" FROM STA 2668+92.60 TO STA 2670+72.00;
10'-0" FROM STA 2670+72.00 TO STA 2672+67.70
- ③ VARIES FROM 2'-0" TO 8'-0" FROM STA 2660+72.20 TO STA 2662+44.00;
VARIES FROM 8'-0" TO 2'-0" FROM STA 2670+72.00 TO STA 2672+67.70
- ④ THIS WORK ONLY NEAR PROPOSED PIER (STA ±2665+20 TO STA ±2666+60);
WIDTH APPROXIMATELY 7' BUT DEPENDENT ON WIDTH OF TEMPORARY SHEET PILING USED
- ⑤ VARIES FROM 0'-0" TO 13'-4 1/2" FROM STA 2660+72.20 TO STA 2665+07.20;
VARIES FROM 13'-4 1/2" TO 0'-0" FROM STA 2668+32.70 TO STA 2672+67.70



I-39 FUTURE TYPICAL SECTION
STA 2664+33.63 TO STA 2675+00.00

MODEL: PLOT
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USER NAME = IRC
ESCA PROJECT NO. 1140.22
PLOT SCALE = 0.1667' / in.
PLOT DATE = 8/4/2022

DESIGNED - ELH
DRAWN - KAH/SKM/NHC
CHECKED - ELH
DATE - 07/22

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-39 TYPICAL SECTIONS

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	21
			CONTRACT NO. 64G68	
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

25100630	EROSION CONTROL BLANKET			
	<u>LOCATION</u>		<u>SQ YD</u>	<u>COMMENTS</u>
	STA 23+00 TO 28+80	LT	4892	SEE EROSION CONTROL SHEETS
	STA 22+55 TO 31+29	RT	4103	
	STA 30+23 TO 38+15	LT	4634	
	STA 31+79 TO 37+53	RT	3627	
	STA 37+61 TO 39+22	RT	145	
	STA 38+19 TO 39+06	LT	85	
	I-39 STA 2660+72.1 TO 2666+47	LT	2816	
	I-39 STA 2662+83 TO 2666+64	LT	1280	
	I-39 STA 2666+47.2 TO 2673+00	LT	3348	
	TOTAL		24930	

28000250	TEMPORARY EROSION CONTROL SEEDING			
	<u>LOCATION</u>		<u>POUND</u>	<u>COMMENTS</u>
	STA 20+40 TO 39+06	LT	448	(100#)/(ACRE) FOR TWO APPLICATIONS
	STA 20+40 TO 39+22	RT	392	
	I-39 STA 2660+72 TO 2673+00	LT	220	
	I-39 STA 2661+21 TO 2663+85	RT	22	
	I-39 STA 2662+83 TO 2666+83	RT	58	
	I-39 STA 2668+73 TO 2673+00	LT	60	
	TOTAL		1200	

28000305	TEMPORARY DITCH CHECKS			
	<u>LOCATION</u>		<u>FOOT</u>	<u>COMMENTS</u>
	STA 20+89	36' LT	18	
	STA 23+86	70' LT	22	
	STA 25+59	105' LT	22	
	STA 27+04	105' LT	22	
	STA 27+30	98' LT	22	
	STA 27+55	92' LT	22	
	STA 23+95	55' RT	15	
	STA 24+80	60' RT	15	
	STA 25+65	68' RT	15	
	STA 27+63	80' RT	15	
	STA 29+80	78' RT	15	
	STA 33+07	103' RT	15	
	STA 33+24	107' RT	15	
	STA 33+45	104' RT	15	
	STA 33+63	96' RT	15	
	STA 33+81	87' RT	15	
	STA 34+00	79' RT	15	
	STA 35+56	59' RT	15	
	I-39 STA 2670+13	65' LT	27	
	I-39 STA 2671+70	60' LT	27	
	TOTAL		362	

28000400	PERIMETER EROSION BARRIER			
	<u>LOCATION</u>		<u>FOOT</u>	<u>COMMENTS</u>
	I-39 STA 2661+00 TO 2665+19	LT	421	
	STA 31+43 TO 38+14	LT	695	
	STA 38+31 TO 39+06	LT	95	
	TOTAL		1211	

28000500	INLET AND PIPE PROTECTION			
	<u>LOCATION</u>		<u>EACH</u>	<u>COMMENTS</u>
	MILL ROAD STA 100+74	36' LT	1	MANHOLE, TYPE A
	MILL ROAD STA 100+94	35' LT	1	MANHOLE, TYPE A
	MILL ROAD STA 101+03	32' RT	1	INLET, TYPE B
	MILL ROAD STA 101+19	32' RT	1	PRCF END SECTION
	STA 22+28	48' LT	1	METAL FLARED END SECTION
	STA 22+52	44' RT	1	INLET, TYPE B
	STA 22+59	45' RT	1	PRCF END SECTION
	I-39 STA 2663+39	20' RT	1	FLUSH INLET BOX FOR MEDIAN
	I-39 STA 2664+62	20' RT	1	MANHOLE, TYPE A
	I-39 STA 2665+19	13' RT	1	EX MANHOLE TYPE A
	STA 37+93	42' RT	1	METAL FLARED END SECTION
	TOTAL		11	

28000510	INLET FILTERS			
	<u>LOCATION</u>		<u>EACH</u>	<u>COMMENTS</u>
	MILL ROAD STA 100+92	29' LT	1	DOUBLE INLET
	MILL ROAD STA 100+96	29' LT	1	DOUBLE INLET
	TOTAL		2	

30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"			
	<u>LOCATION</u>		<u>SQ YD</u>	<u>COMMENTS</u>
	STA 20+40.00 TO 27+78.87		3885	UNDER HMA PAVEMENT (FULL-DEPTH) AND CCC&G
	STA 32+79.93 TO 36+39.00		1157	UNDER HMA PAVEMENT (FULL-DEPTH)
	MILL ROAD STA 100+49.00 TO 101+50.00		675	UNDER HMA PAVEMENT (FULL-DEPTH) AND CCC&G
	I-39 STA 2660+72.20 TO 2672+67.70		1918	UNDER HMA SHOULDERS
	TOTAL		7635	

35102000	AGGREGATE BASE COURSE, TYPE B 8"			
	<u>LOCATION</u>		<u>SQ YD</u>	<u>COMMENTS</u>
	STA 22+03.00	LT	80	COMMERCIAL ENTRANCE
	STA 37+94.10	LT	54	FIELD ENTRANCE
	STA 37+57.40	RT	152	PRIVATE ENTRANCE
	TOTAL		286	

40600275	BITUMINOUS MATERIALS (PRIME COAT)			
	<u>LOCATION</u>		<u>POUND</u>	<u>COMMENTS</u>
	STA 20+40.00 TO 27+78.87		8469	ON AGGREGATE SUBBASES
	STA 32+79.93 TO 36+39.00		2506	
	MILL ROAD STA 100+49.00 TO 101+50.00		1347	
	STA 22+03.00	LT	157	
	STA 37+94.10	LT	208	
	STA 37+57.40	RT	307	
	I-39 STA 2660+72.20 TO 2672+67.70	LT	4167	
	TOTAL		17161	

40600290	BITUMINOUS MATERIALS (TACK COAT)			
	<u>LOCATION</u>		<u>POUND</u>	<u>COMMENTS</u>
	STA 36+39 TO 38+38.04		395	INTERMEDIATE HMA LIFTS AND
	STA 36+39 TO 39+14.59		180	EXISTING PAVEMENT
	I-39 STA 2660+72.2 TO 2672+67.7	LT	600	
	I-39 STA 2665+19.8 TO 2666+59.8	LT	25	
	STA 20+40 TO 28+10.6	LT	158	
	STA 22+54.5 TO 28+65.2	RT	141	
	STA 31+94.4 TO 36+39	LT	75	
	STA 32+49.0 TO 36+39	RT	76	
	STA 36+39 TO 39+07.7	LT	159	
	STA 36+39 TO 39+21.61	RT	182	
	STA 20+40.00 TO 27+78.87		2541	
	STA 32+79.93 TO 36+39.00		752	
	MILL ROAD STA 100+49.00 TO 101+50.00		405	
	TOTAL		5689	

MODEL: PLOT03
FILE NAME: Y:\DOT01140-22_64G68\CADD\Highway\CADD_Sheets\0264G68-plc-schedule01.dgn



USER NAME = IRC	DESIGNED - IRC	REVISED -
ESCA PROJECT NO. 1140-22	DRAWN - IRC	REVISED -
PLOT SCALE = 0.1667' / in.	CHECKED - ELH	REVISED -
PLOT DATE = 8/4/2022	DATE - 07/22	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: NONE SHEET NO. 2 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	23
			CONTRACT NO. 64G68	
		ILLINOIS	FED. AID PROJECT	

SCHEDULE OF QUANTITIES

40600370	LONGITUDINAL JOINT SEALANT <u>LOCATION</u> STA 20+40.00 TO 27+78.87 STA 20+40.00 TO 27+78.87 STA 20+40.00 TO 23+14.75 STA 20+40.00 TO 23+14.75 STA 32+79.93 TO 38+38.04 STA 32+79.93 TO 39+14.59 MILL ROAD STA 100+19.00 TO 101+50.00 MILL ROAD STA 100+19.00 TO 101+50.00	<u>FOOT</u> 1478 1478 275 275 559 635 262 262	<u>COMMENTS</u> SURFACE, BTWN LANES BINDER, BTWN LANES SURFACE, EDGE OF NB THRU LANE BINDER, EDGE OF NB THRU LANE BINDER, PEAK SURFACE, PEAK SURFACE, BTWN LANES BINDER, BTWN LANES	TOTAL 5224		44000500	COMBINATION CURB AND GUTTER REMOVAL <u>LOCATION</u> STA 20+40.0 RT TO MILL ROAD 100+76.1 RT MILL ROAD STA 101+50.0 LT TO 22+43.50 RT	<u>FOOT</u> 103 146	<u>COMMENTS</u>	TOTAL 249
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT <u>LOCATION</u> STA 38+55.45 TO 39+21.61	<u>SQ YD</u> 305	<u>COMMENTS</u>	TOTAL 305		44004000	PAVED DITCH REMOVAL <u>LOCATION</u> I-39 STA 2663+63 TO 2664+26 RT I-39 STA 2665+95 TO 2666+13 LT	<u>FOOT</u> 70 18	<u>COMMENTS</u>	TOTAL 88
40701911	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 11 1/2" <u>LOCATION</u> STA 20+40.00 TO 27+78.87 STA 32+79.93 TO 36+39.00	<u>SQ YD</u> 4233 1038	<u>COMMENTS</u>	TOTAL 5271		44004250	PAVED SHOULDER REMOVAL <u>LOCATION</u> I-39 STA 2660+72.2 TO 2672+67.7 LT I-39 STA 2665+19.8 TO 2666+59.8 - I-39 STA 2665+34 TO 2665+89 RT	<u>SQ YD</u> 1422 84 71	<u>COMMENTS</u>	TOTAL 1577
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING <u>LOCATION</u> STA 22+03.00 LT STA 37+94.10 LT STA 37+57.40 RT	<u>TON</u> 9 12 17	<u>COMMENTS</u> COMMERCIAL ENTRANCE FIELD ENTRANCE PRIVATE ENTRANCE	TOTAL 38		48101500	AGGREGATE SHOULDERS, TYPE B 6" <u>LOCATION</u> MILL ROAD STA 101+17.57 TO 101+50 RT	<u>SQ YD</u> 14	<u>COMMENTS</u>	TOTAL 14
42000060	WELDED WIRE REINFORCEMENT <u>LOCATION</u> STA 27+78.87 TO 28+23.16 STA 32+37.66 TO 32+79.93	<u>SQ YD</u> 156 113	<u>COMMENTS</u>	TOTAL 269		48203021	HOT-MIX ASPHALT SHOULDERS, 6" <u>LOCATION</u> STA 20+40.00 TO 28+10.6 LT STA 22+54.5 TO 28+65.2 RT STA 31+94.4 TO 36+39.0 LT STA 32+49.0 TO 36+39.0 RT I-39 STA 2660+72.2 TO 2672+67.7 LT I-39 STA 2665+19.8 TO 2666+59.8 -	<u>SQ YD</u> 703 628 335 336 941 109	<u>COMMENTS</u>	TOTAL 3052
42000080	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB <u>LOCATION</u> STA 27+78.87 TO 28+23.16 STA 32+37.66 TO 32+79.93	<u>SQ YD</u> 237 221	<u>COMMENTS</u>	TOTAL 458		48203037	HOT-MIX ASPHALT SHOULDERS, 10" <u>LOCATION</u> I-39 STA 2660+72.2 TO 2672+67.7 LT	<u>SQ YD</u> 1719	<u>COMMENTS</u>	TOTAL 1719
42001300	PROTECTIVE COAT <u>LOCATION</u> STA 27+78.87 TO 28+23.16 STA 32+37.66 TO 32+79.93 STA 27+63.87 TO 27+78.87 STA 32+79.93 TO 32+94.97 STA 20+40 RT TO MILL ROAD 101+18 RT MILL ROAD STA 101+50 LT TO 22+54.5 RT	<u>SQ YD</u> 241 225 2 2 52 58	<u>COMMENTS</u> PCC PAVEMENT CONNECTOR PCC PAVEMENT CONNECTOR TYPE B CURB TYPE B CURB CCC&G CCC&G	TOTAL 580		50104400	CONCRETE HEADWALL REMOVAL <u>LOCATION</u> I-39 STA 2664+27 RT I-39 STA 2665+40 LT I-39 STA 2665+89 LT I-39 STA 2667+47 LT	<u>EACH</u> 1 1 1 1	<u>COMMENTS</u> CONCRETE HEADWALL FOR PIPE UNDERDRAIN CONCRETE HEADWALL FOR PIPE UNDERDRAIN CONCRETE HEADWALL FOR 36" CMP CONCRETE HEADWALL FOR 36" CMP	TOTAL 4
44000100	PAVEMENT REMOVAL <u>LOCATION</u> STA 20+40.00 TO 22+43.50 STA 27+78.87 TO 28+69.71 STA 31+40.39 TO 36+39.00 I-39 STA 2665+19.8 TO 2666+59.8	<u>SQ YD</u> 2021 228 1409 118	<u>COMMENTS</u> INCLUDES MILL ROAD	TOTAL 3776		50105220	PIPE CULVERT REMOVAL <u>LOCATION</u> STA 21+87 TO 22+16 LT STA 37+27 TO 37+75 RT I-39 STA 2665+89 TO 2667+47 LT	<u>FOOT</u> 29 48 158	<u>COMMENTS</u> 15" CMP 15" CMP 36" CMP	TOTAL 235
44000200	DRIVEWAY PAVEMENT REMOVAL <u>LOCATION</u> STA 20+40 LT STA 22+03 LT STA 37+57 RT	<u>SQ YD</u> 17 69 41	<u>COMMENTS</u> COMMERCIAL ENTRANCE COMMERCIAL ENTRANCE PRIVATE ENTRANCE	TOTAL 127		50800105	REINFORCEMENT BARS <u>LOCATION</u> I-39 STA 2669+10 LT	<u>POUND</u> 244	<u>COMMENTS</u> SIGN FOUNDATIONS	TOTAL 244
						542D0217	PIPE CULVERTS, CLASS D, TYPE 1 12" <u>LOCATION</u> I-39 STA 2663+41 TO 2664+60 RT	<u>FOOT</u> 120	<u>COMMENTS</u>	TOTAL 120

MODEL PLOTS
FILE NAME: Y:\DOT1140-22_64G68\CADD\Highway\CADD Sheets\0264G68-pls-schedule.rvt



USER NAME = IRC	DESIGNED - IRC	REVISED -
ESCA PROJECT NO. 1140.22	DRAWN - IRC	REVISED -
PLOT SCALE = 0.1667' / in.	CHECKED - ELH	REVISED -
PLOT DATE = 8/4/2022	DATE - 07/22	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES	
SCALE: NONE	SHEET NO. 3 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	24
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15" <u>LOCATION</u> STA 21+80.5 TO 22+25.5 LT STA 37+20.5 TO 37+90.5 RT	<u>FOOT</u> 45 70 <hr/> TOTAL 115	<u>COMMENTS</u>
542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18" <u>LOCATION</u> I-39 STA 2665+19.28 LT	<u>FOOT</u> 39 <hr/> TOTAL 39	<u>COMMENTS</u>
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12" <u>LOCATION</u> MILL ROAD STA 101+18.94 31.42' RT STA 22+58.47 44.95' RT	<u>EACH</u> 1 1 <hr/> TOTAL 2	<u>COMMENTS</u>
54244405	FLUSH INLET BOX FOR MEDIAN, STANDARD 542546 <u>LOCATION</u> I-39 STA 2663+39.00 19.50' RT	<u>EACH</u> 1 <hr/> TOTAL 1	<u>COMMENTS</u>
54248510	CONCRETE COLLAR <u>LOCATION</u> I-39 STA 2665+19.28 LT	<u>CU YD</u> 0.6 <hr/> TOTAL 0.6	<u>COMMENTS</u>
54260315	TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTION <u>LOCATION</u> I-39 STA 2665+93.51 LT I-39 STA 2668+60.91 LT	<u>FOOT</u> 26 26 <hr/> TOTAL 52	<u>COMMENTS</u> 36" DIA, 1:6 SLOPE 36" DIA, 1:6 SLOPE
54260715	SLOPED METAL END SECTION WITH GRATE, STANDARD 542411, 15", 1:6 <u>LOCATION</u> STA 21+78.00 46' LT STA 22+28.00 48' LT STA 37+18.00 46.04' RT STA 37+93.00 42' RT	<u>EACH</u> 1 1 1 1 <hr/> TOTAL 4	<u>COMMENTS</u>
54261618	CONCRETE END SECTION, STANDARD 542001, 18", 1:6 <u>LOCATION</u> I-39 STA 2665+19.28 95.58' LT	<u>EACH</u> 1 <hr/> TOTAL 1	<u>COMMENTS</u>
54261636	CONCRETE END SECTION, STANDARD 542001, 36", 1:6 <u>LOCATION</u> I-39 STA 2665+93.51 98.24' LT I-39 STA 2668+60.91 95.84' LT	<u>EACH</u> 1 1 <hr/> TOTAL 2	<u>COMMENTS</u>
54262712	METAL FLARED END SECTIONS 12" <u>LOCATION</u> STA 27+84.56 LT STA 27+87.62 RT STA 32+71.92 LT STA 33+03.00 RT	<u>EACH</u> 1 1 1 1 <hr/> TOTAL 4	<u>COMMENTS</u>
550A0050	STORM SEWERS, CLASS A, TYPE 1 12" <u>LOCATION</u> MILL ROAD STA 101+02.9 TO 101+18.9 RT MILL ROAD STA 100+94.00 LT STA 22+52.0 TO 22+58.5 RT	<u>FOOT</u> 10 2 5 <hr/> TOTAL 17	<u>COMMENTS</u>

55100500	STORM SEWER REMOVAL 12" <u>LOCATION</u> MILL ROAD STA 100+77.26 TO 100+95.80 LT	<u>FOOT</u> 19 <hr/> TOTAL 19	<u>COMMENTS</u>
55201300	STORM SEWERS JACKED IN PLACE, 36" <u>LOCATION</u> I-39 STA 2666+22.57 TO 2668+32.22 LT	<u>FOOT</u> 210 <hr/> TOTAL 210	<u>COMMENTS</u>
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS <u>LOCATION</u> I-39 STA 2660+75 LT I-39 STA 2663+25 RT I-39 STA 2672+65 LT NORTH ABUTMENT LT & RT SOUTH ABUTMENT LT & RT	<u>EACH</u> 1 1 1 2 2 <hr/> TOTAL 7	<u>COMMENTS</u>
60100945	PIPE DRAINS 12" <u>LOCATION</u> STA 27+84.56 LT STA 27+87.62 RT STA 32+71.92 LT STA 32+74.93 RT	<u>FOOT</u> 63 62 90 84 <hr/> TOTAL 299	<u>COMMENTS</u>
60108100	PIPE UNDERDRAINS 4" (SPECIAL) <u>LOCATION</u> I-39 STA 2660+75 LT I-39 STA 2663+25 RT I-39 STA 2672+65 LT	<u>FOOT</u> 23 34 23 <hr/> TOTAL 80	<u>COMMENTS</u>
60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID <u>LOCATION</u> MILL ROAD STA 100+73.81 36.12' LT	<u>EACH</u> 1 <hr/> TOTAL 1	<u>COMMENTS</u>
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID <u>LOCATION</u> MILL ROAD STA 100+94.00 34.87' LT	<u>EACH</u> 1 <hr/> TOTAL 1	<u>COMMENTS</u>
60219000	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE <u>LOCATION</u> I-39 STA 2664+62.00 19.50' RT	<u>EACH</u> 1 <hr/> TOTAL 1	<u>COMMENTS</u>
60240301	INLETS, TYPE B, TYPE 8 GRATE <u>LOCATION</u> MILL ROAD STA 101+02.85 31.50' RT STA 22+52.00 44.17' RT	<u>EACH</u> 1 1 <hr/> TOTAL 2	<u>COMMENTS</u>
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID <u>LOCATION</u> MILL ROAD STA 100+51.20 53.40' RT	<u>EACH</u> 1 <hr/> TOTAL 1	<u>COMMENTS</u>
60258200	MANHOLES TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID <u>LOCATION</u> STA 26+56.91 83.53' LT STA 31+78.77 70.04' LT	<u>EACH</u> 1 1 <hr/> TOTAL 2	<u>COMMENTS</u>

MODEL: PLOT04
FILE NAME: Y:\PROJECTS\1140-22-64G68\CADD\Hwy101\CADD Sheets\0264G68-pls-schedule01.dgn



USER NAME = IRC
ESCA PROJECT NO. 1140-22
PLOT SCALE = 0.1667' / in.
PLOT DATE = 8/4/2022

DESIGNED - IRC
DRAWN - IRC
CHECKED - ELH
DATE - 07/22

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: NONE SHEET NO. 4 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	25
			CONTRACT NO. 64G68	
		ILLINOIS FED. AID PROJECT		

SCHEDULE OF QUANTITIES

ITEM NO.	DESCRIPTION	LOCATION	QUANTITY	UNIT	COMMENTS
60500040	REMOVING MANHOLES			EACH	
	MILL ROAD STA 100+73.81	36.12' LT	1		
	TOTAL		1		
60600095	CLASS SI CONCRETE (OUTLET)			CU YD	
	MILL ROAD STA 101+17.57	18.01' RT	1.3		
	STA 22+54.47	24.23' RT	1.3		
	TOTAL		2.6		
60600605	CONCRETE CURB, TYPE B			FOOT	
	STA 27+63.87 TO 27+78.87	LT	15		
	STA 32+79.93 TO 32+94.93	RT	15		
	TOTAL		30		
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24			FOOT	
	STA 20+40 RT TO MILL ROAD 101+06 RT		135		
	MILL ROAD STA 101+50 LT TO 22+43 RT		152		
	TOTAL		287		
61000050	CONCRETE THRUST BLOCKS			EACH	
	STA 27+84.56	LT	1		
	STA 27+87.62	RT	1		
	STA 32+71.91	LT	1		
	STA 32+74.93	RT	1		
	TOTAL		4		
61000115	TYPE E INLET BOX, STANDARD 610001			EACH	
	STA 27+84.56	LT	1		
	STA 27+87.62	RT	1		
	STA 32+71.92	LT	1		
	STA 32+74.93	RT	1		
	TOTAL		4		
63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS			FOOT	
	STA 24+03.3 TO 28+28.3	RT	425		
	STA 27+36.2 TO 27+73.7	LT	37.5		
	STA 32+31.3 TO 32+43.8	LT	12.5		
	TOTAL		475		
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6			EACH	
	STA 28+10.6	LT	1		
	STA 28+65.2	RT	1		
	STA 31+94.4	LT	1		
	STA 32+49.0	RT	1		
	TOTAL		4		
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT			EACH	
	STA 24+03.3	RT	1		
	STA 27+36.2	LT	1		
	STA 32+43.8	LT	1		
	STA 32+85.9	RT	1		
	TOTAL		4		

ITEM NO.	DESCRIPTION	LOCATION	QUANTITY	UNIT	COMMENTS
63200310	GUARDRAIL REMOVAL			FOOT	
	STA 25+45 TO 28+71	RT	326		
	STA 25+47 TO 28+31	LT	285		
	STA 31+39 TO 34+27	LT	288		
	STA 31+73 TO 34+25	RT	252		
	I-39 STA 2661+27 TO 2664+81	RT	356		
	I-39 STA 2666+58 TO 2669+77	LT	320		
	TOTAL		1827		
63301210	REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL, TYPE A			FOOT	
	STA 38+32 TO 39+07	RT	75		
	STA 38+80.5 TO 38+93	LT	12.5		
	TOTAL		87.5		
63301990	REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE 1			EACH	
	STA 38+32.0	RT	1		
	STA 38+80.5	LT	1		
	TOTAL		2		
63500105	DELINEATORS			EACH	
	STA 21+78.00	46' LT	1		15" END SECTION
	STA 22+28.00	48' LT	1		15" END SECTION
	STA 37+18.00	46.04' RT	1		15" END SECTION
	STA 37+93.00	42' RT	1		15" END SECTION
	STA 22+58.47	RT	1		12" END SECTION
	STA 27+84.56	LT	1		12" END SECTION
	STA 27+87.62	RT	1		12" END SECTION
	STA 32+71.92	LT	1		12" END SECTION
	STA 33+03.00	RT	1		12" END SECTION
	MILL ROAD STA 101+18.94	RT	1		12" END SECTION
	I-39 STA 2665+93.51	98.24' LT	1		36" END SECTION
	I-39 STA 2668+60.91	95.84' LT	1		36" END SECTION
	I-39 STA 2665+19.28	95.58' LT	1		18" END SECTION
	STA 23+53.3	RT	1		GUARDRAIL TERMINAL END
	STA 26+86.2	LT	1		GUARDRAIL TERMINAL END
	STA 32+93.8	LT	1		GUARDRAIL TERMINAL END
	STA 33+35.9	RT	1		GUARDRAIL TERMINAL END
	STA 37+82.0	RT	1		GUARDRAIL TERMINAL END
	STA 38+30.5	LT	1		GUARDRAIL TERMINAL END
	I-39 STA 2663+61 TO 2664+41	RT	9		IMPACT ATTENUATOR GRADING
	I-39 STA 2666+55 TO 2667+05	RT	6		IMPACT ATTENUATOR GRADING
	TOTAL		34		
64200116	SHOULDER RUMBLE STRIPS, 16 INCH			FOOT	
	I-39 STA 2660+72.2 TO 2672+67 LT		1196		
	TOTAL		1196		
64300320	IMPACT ATTENUATORS (FULLY REDIRECTIVE, RESETTABLE), TEST LEVEL 3			EACH	
	I-39 STA 2665+50		1		
	I-39 STA 2666+28		1		
	TOTAL		2		
66400105	CHAIN LINK FENCE, 4'			FOOT	
	STA 33+64 TO 34+00	RT	44		
	STA 37+57.40	RT	62		PRIVATE ENTRANCE
	TOTAL		106		

MODEL PLOTS
FILE NAME: Y:\PLOT01140-22_64G68\CADD\Hwy101\CADD Sheets\0264G68-pls-schedule.qpl



USER NAME = IRC	DESIGNED - IRC	REVISED -
ESCA PROJECT NO. 1140-22	DRAWN - IRC	REVISED -
PLOT SCALE = 0.1667' / in.	CHECKED - ELH	REVISED -
PLOT DATE = 8/4/2022	DATE - 07/22	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: NONE SHEET NO. 5 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	26
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

ITEM NO.	DESCRIPTION	EACH	COMMENTS
66406100	CHAIN LINK GATES, 4'x18' DOUBLE <u>LOCATION</u> STA 37+57.40 RT	1	PRIVATE ENTRANCE
	TOTAL	1	
66500105	WOVEN WIRE FENCE, 4' <u>LOCATION</u> STA 26+26 TO 28+06 LT STA 28+70 TO 28+92 RT STA 31+49 TO 31+70 LT STA 32+55 TO 33+64 RT	FOOT 208 63 51 140	<u>COMMENTS</u>
	TOTAL	462	
66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS <u>LOCATION</u> STA 20+40 TO 39+15	EACH 20	<u>COMMENTS</u> SEE ROW PLATS
	TOTAL	20	
66700305	PERMANENT SURVEY MARKERS, TYPE II <u>LOCATION</u> TO BE DETERMINED BY THE ENGINEER	EACH 1	<u>COMMENTS</u>
	TOTAL	1	
70107025	CHANGEABLE MESSAGE SIGN <u>LOCATION</u> I-39 NB & SB I-39 STAGE 1 I-39 STAGE 2 I-39 FOR STD. 701400 I-39 BEAM REMOVAL I-39 GIRDER PLACEMENT PERRYVILLE ROAD CLOSURE	CAL DA 28 NM NM NM NM NM NM	<u>COMMENTS</u> 2 WEEKS PRIOR TO START OF WORK 1 SIGN REQUIRED EACH DIRECTION 1 SIGN REQUIRED EACH DIRECTION 1 SIGN REQUIRED 1 SIGN REQUIRED EACH DIRECTION 1 SIGN REQUIRED EACH DIRECTION 3 SIGNS REQUIRED
	TOTAL	28	
70300100	SHORT TERM PAVEMENT MARKING <u>LOCATION</u> I-39 STA 2658+91.3 TO 2674+47.7 LT I-39 STA 2658+91.3 TO 2674+47.7 LT I-39 STA 2658+91.3 TO 2674+47.7 LT I-39 STA 2660+72.2 TO 2672+67.7 LT I-39 STA 2660+72.2 TO 2672+67.7 LT I-39 STA 2660+72.2 TO 2672+67.7 LT	FOOT 468 63 189 120 48 48	<u>COMMENTS</u> SBL SKIP DASH YELLOW EDGE LINE WHITE EDGE LINE SBL SKIP DASH YELLOW EDGE LINE WHITE EDGE LINE
	TOTAL	936	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL <u>LOCATION</u> I-39 STA 2658+91.3 TO 2674+47.7 LT I-39 STA 2658+91.3 TO 2674+47.7 LT I-39 STA 2658+91.3 TO 2674+47.7 LT I-39 STA 2660+72.2 TO 2672+67.7 LT I-39 STA 2660+72.2 TO 2672+67.7 LT I-39 STA 2660+72.2 TO 2672+67.7 LT	SQ FT 156 21 63 40 16 16	<u>COMMENTS</u> SBL SKIP DASH YELLOW EDGE LINE WHITE EDGE LINE SBL SKIP DASH YELLOW EDGE LINE WHITE EDGE LINE
	TOTAL	312	

NM = NOT MEASURED

ITEM NO.	DESCRIPTION	SQ FT	COMMENTS
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT <u>LOCATION</u> STA 20+81.3 STA 22+33.5 STA 22+91.5 STA 23+49.5 STA 24+07.5 MILL ROAD STA 100+74.3 MILL ROAD STA 101+27.1	16 16 16 16 16 31 31	RIGHT TURN ARROW LEFT TURN ARROW LEFT TURN ARROW LEFT TURN ARROW LEFT TURN ARROW LEFT TURN ARROW, RIGHT TURN ARROW LEFT TURN ARROW, RIGHT TURN ARROW
	TOTAL	142	
70300221	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT <u>LOCATION</u> MILL ROAD STA 100+49.0 TO 101+50 LT MILL ROAD STA 100+49.0 TO 101+50 RT MILL ROAD STA 101+50 TO 27+78.87 RT STA 20+40 TO 101+50 RT STA 20+40 TO 21+04.1 STA 20+40 TO 21+04.1 STA 20+40 TO 27+78.87 LT STA 22+08.2 TO 27+78.87 RT STA 22+08.2 TO 27+78.87 LT STA 24+90.8 TO 27+78.87 LT STA 24+92.7 TO 27+78.87 RT STA 27+78.87 TO 29+09.1 LT STA 27+78.87 TO 29+10.1 RT STA 27+78.87 TO 32+79.93 LT STA 27+78.87 TO 32+79.93 RT STA 27+78.87 TO 32+79.93 LT STA 27+78.87 TO 32+79.93 RT STA 32+79.93 TO 39+10.1 LT STA 32+79.93 TO 39+14.6 LT STA 32+79.93 TO 39+14.6 RT STA 32+79.93 TO 39+19.1 RT I-39 STA 2658+91.3 TO 2674+47.7 LT I-39 STA 2658+91.3 TO 2674+47.7 LT	FOOT 101 101 694 187 132 129 739 571 571 289 287 131 132 502 502 502 502 631 635 635 639 1557 1557	<u>COMMENTS</u> YELLOW NO PASSING YELLOW NO PASSING WHITE EDGE LINE WHITE EDGE LINE YELLOW PAINTED MEDIAN LINE (OUTSIDE LINE) YELLOW PAINTED MEDIAN LINE (INSIDE LINE) WHITE EDGE LINE YELLOW PAINTED MEDIAN (OUTSIDE LINE) YELLOW PAINTED MEDIAN (OUTSIDE LINE) YELLOW PAINTED MEDIAN (INSIDE LINE) YELLOW PAINTED MEDIAN (INSIDE LINE) YELLOW PAINTED MEDIAN LINE (INSIDE LINE) YELLOW PAINTED MEDIAN LINE (INSIDE LINE) WHITE EDGE LINE YELLOW PAINTED MEDIAN LINE (OUTSIDE LINE) YELLOW PAINTED MEDIAN LINE (OUTSIDE LINE) WHITE EDGE LINE YELLOW NO PASSING YELLOW NO PASSING WHITE EDGE LINE WHITE EDGE LINE YELLOW EDGE LINE
	TOTAL	11726	
70300241	TEMPORARY PAVEMENT MARKING - LINE 6" - PAINT <u>LOCATION</u> I-39 STA 2658+91.3 TO 2674+47.7 LT	FOOT 390	<u>COMMENTS</u> WHITE SKIP DASH
	TOTAL	390	
70300251	TEMPORARY PAVEMENT MARKING - LINE 8" - PAINT <u>LOCATION</u> MILL ROAD STA 100+51 TO 101+50 LT STA 20+40 TO 21+01.3 RT STA 22+08.2 TO 24+23.2 LT STA 24+23.2 TO 26+00 LT	FOOT 99 62 215 44	<u>COMMENTS</u> WHITE TURN LANE WHITE TURN LANE WHITE TURN LANE WHITE TURN LANE SKIP DASH
	TOTAL	420	

SIGN SCHEDULE																		
LOCATION	OFFSET TO SIGN EDGE	SIDE	SIGN PANEL DESCRIPTION	EXISTING SIGN PANEL DIMENSIONS		REMOVE SIGN PANEL - TYPE 3	REMOVE GROUND MOUNTED SIGN SUPPORT	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	72700100 STRUCTURAL STEEL SIGN - BREAKAWAY						TOTAL POST WEIGHT	CONCRETE FOUNDATIONS	REINFORCEMENT BARS	RELOCATE SIGN PANEL - TYPE 3
				WIDTH	HEIGHT				NUMBER OF POSTS	POST SIZE	STUB POSTS	POST LENGTH						
												1	2	CU YD				
FOOT	LT/RT		FOOT	FOOT	SQ FT	EACH	EACH		FOOT	FOOT	FOOT	FOOT	FOOT	POUND	CU YD	POUND	SQ FT	
I-39 SBL STA 2669+10	66.1	LT	I 39/US 51 SOUTH BLOOMINGTON NORMAL RIGHT 1 MILE	17.5	12.5	219.0	2	2	2	W14x38	7.0	22.5	23.5	2014	4.2	244	219.0	
TOTALS						219	2	2	2					2014	4.2	244	219	

MODEL: PLOT06; FILE: NAME: Y:\PLOT01140-22_64G68\CADD\Hwy\CAAD_Sheets\0264G68-plc-schedule.rvt



USER NAME = IRC	DESIGNED - IRC	REVISED -
ESCA PROJECT NO. 1140.22	DRAWN - IRC	REVISED -
PLOT SCALE = 0.1667' / in.	CHECKED - ELH	REVISED -
PLOT DATE = 8/4/2022	DATE - 07/22	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: NONE SHEET NO. 6 OF 9 SHEETS STA. TO STA.

F.A.I. RTE. 39	SECTION 4HBR-3	COUNTY WINNEBAGO	TOTAL SHEETS 158	SHEET NO. 27
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64G68	

SCHEDULE OF QUANTITIES

70300261	TEMPORARY PAVEMENT MARKING - LINE 12" - PAINT						
	<u>LOCATION</u>	<u>FOOT</u>	<u>COMMENTS</u>				
	STA 20+48	12	YELLOW PAINTED MEDIAN DIAGONAL				
	STA 20+78	11	YELLOW PAINTED MEDIAN DIAGONAL				
	STA 24+30	2	YELLOW PAINTED MEDIAN DIAGONAL				
	STA 24+60	3	YELLOW PAINTED MEDIAN DIAGONAL				
	STA 24+90	5	YELLOW PAINTED MEDIAN DIAGONAL				
	STA 25+20	6	YELLOW PAINTED MEDIAN DIAGONAL				
	STA 25+50	10	YELLOW PAINTED MEDIAN DIAGONAL				
	STA 25+80	13	YELLOW PAINTED MEDIAN DIAGONAL				
	STA 26+10	16	YELLOW PAINTED MEDIAN DIAGONAL				
	STA 26+40	16	YELLOW PAINTED MEDIAN DIAGONAL				
	STA 26+70	15	YELLOW PAINTED MEDIAN DIAGONAL				
	STA 27+00	13	YELLOW PAINTED MEDIAN DIAGONAL				
	STA 27+30	12	YELLOW PAINTED MEDIAN DIAGONAL				
	STA 27+60	10	YELLOW PAINTED MEDIAN DIAGONAL				
	STA 27+90	8	YELLOW PAINTED MEDIAN DIAGONAL				
	STA 28+20	7	YELLOW PAINTED MEDIAN DIAGONAL				
	STA 28+50	5	YELLOW PAINTED MEDIAN DIAGONAL				
	STA 28+80	3	YELLOW PAINTED MEDIAN DIAGONAL				
	STA 29+10	4	YELLOW PAINTED MEDIAN DIAGONAL				
	STA 29+40	3	YELLOW PAINTED MEDIAN DIAGONAL				
	I-39 STA 2661+25	5	YELLOW PAINTED MEDIAN DIAGONAL				
	I-39 STA 2662+00	8	YELLOW PAINTED MEDIAN DIAGONAL				
	I-39 STA 2662+75	11	YELLOW PAINTED MEDIAN DIAGONAL				
	I-39 STA 2663+50	14	YELLOW PAINTED MEDIAN DIAGONAL				
	I-39 STA 2664+25	16	YELLOW PAINTED MEDIAN DIAGONAL				
	I-39 STA 2665+00	19	YELLOW PAINTED MEDIAN DIAGONAL				
	I-39 STA 2665+75	20	YELLOW PAINTED MEDIAN DIAGONAL				
	I-39 STA 2666+50	20	YELLOW PAINTED MEDIAN DIAGONAL				
	I-39 STA 2667+25	20	YELLOW PAINTED MEDIAN DIAGONAL				
	I-39 STA 2668+00	20	YELLOW PAINTED MEDIAN DIAGONAL				
	I-39 STA 2668+75	19	YELLOW PAINTED MEDIAN DIAGONAL				
	I-39 STA 2669+50	15	YELLOW PAINTED MEDIAN DIAGONAL				
	I-39 STA 2670+25	12	YELLOW PAINTED MEDIAN DIAGONAL				
	I-39 STA 2671+00	9	YELLOW PAINTED MEDIAN DIAGONAL				
	I-39 STA 2671+75	5	YELLOW PAINTED MEDIAN DIAGONAL				
	TOTAL	387					
70300281	TEMPORARY PAVEMENT MARKING - LINE 24" - PAINT						
	<u>LOCATION</u>	<u>FOOT</u>	<u>COMMENTS</u>				
	MILL ROAD STA 100+49.0 TO 100+51.0 LT	36	WHITE STOP BAR				
	TOTAL	36					
70400100	TEMPORARY CONCRETE BARRIER						
	<u>LOCATION</u>	<u>FOOT</u>	<u>COMMENTS</u>				
	I-39 SBL STA 2664+27.9 TO 2670+28.0	600	STAGE 1				
	I-39 NBL STA 2661+06.0 TO 2667+05.2	600	STAGE 1				
	TOTAL	1200					
70400125	PINNING TEMPORARY CONCRETE BARRIER						
	<u>LOCATION</u>	<u>EACH</u>	<u>COMMENTS</u>				
	I-39 STA 2665+37.7 TO STA 2666+50.2	33	SBL STAGE 2				
	TOTAL	33					
70400200	RELOCATE TEMPORARY CONCRETE BARRIER						
	<u>LOCATION</u>	<u>FOOT</u>	<u>COMMENTS</u>				
	I-39 SBL STA 2663+25.3 TO 2669+00.1	575	STAGE 2				
	I-39 NBL STA 2662+36.4 TO 2668+61.4	625	STAGE 2				
	TOTAL	1200					
70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3						
	<u>LOCATION</u>	<u>EACH</u>	<u>COMMENTS</u>				
	I-39 STA 2661+06 69.3' RT	1	STAGE 1				
	I-39 STA 2670+28 30.6' LT	1	STAGE 1				
	TOTAL	2					
70600332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3						
	<u>LOCATION</u>	<u>EACH</u>	<u>COMMENTS</u>				
	I-39 STA 2662+36.4 35.6' RT	1	STAGE 2				
	I-39 STA 2669+00.1 3.8' LT	1	STAGE 2				
	TOTAL	2					
72000200	SIGN PANEL - TYPE 2						
	<u>LOCATION</u>	<u>SQ.FT</u>	<u>COMMENTS</u>				
	I-39 STA 2682+67.7 LT	16	LANE SHIFT				
	I-39 STA 2692+67.7 LT	16	LANE SHIFT				
	TOTAL	32					
72501000	TERMINAL MARKER - DIRECT APPLIED						
	<u>LOCATION</u>	<u>EACH</u>	<u>COMMENTS</u>				
	STA 23+53.3 RT	1					
	STA 26+86.2 LT	1					
	STA 32+93.8 LT	1					
	STA 33+35.9 RT	1					
	STA 37+82.0 RT	1					
	STA 38+30.5 LT	1					
	TOTAL	6					
72800100	TELESCOPING STEEL SIGN SUPPORT						
	<u>LOCATION</u>	<u>FOOT</u>	<u>COMMENTS</u>				
	I-39 STA 2682+67.7 LT	15	SHALL INCLUDE A 10' TELESCOPING STEEL POST AND A 5' STEEL BASE				
	I-39 STA 2692+67.7 LT	15					
	TOTAL	30					
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS						
	<u>LOCATION</u>	<u>SQ.FT</u>	<u>COMMENTS</u>				
	STA 20+81.3	16	RIGHT TURN ARROW				
	STA 22+33.5	16	LEFT TURN ARROW				
	STA 22+91.5	16	LEFT TURN ARROW				
	STA 23+49.5	16	LEFT TURN ARROW				
	STA 24+07.5	16	LEFT TURN ARROW				
	MILL ROAD STA 100+74.3	31	LEFT TURN ARROW, RIGHT TURN ARROW				
	MILL ROAD STA 101+27.1	31	LEFT TURN ARROW, RIGHT TURN ARROW				
	TOTAL	142					
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"						
	<u>LOCATION</u>	<u>FOOT</u>	<u>COMMENTS</u>				
	MILL ROAD STA 100+49.0 TO 101+50 LT	101	YELLOW NO PASSING				
	MILL ROAD STA 100+49.0 TO 101+50 RT	101	YELLOW NO PASSING				
	MILL ROAD STA 101+50 TO 27+78.87 RT	694	WHITE EDGE LINE				
	STA 20+40 TO 101+50 RT	187	WHITE EDGE LINE				
	STA 20+40 TO 21+04.1	132	YELLOW PAINTED MEDIAN LINE (OUTSIDE LINE)				
	STA 20+40 TO 21+04.1	129	YELLOW PAINTED MEDIAN LINE (INSIDE LINE)				
	STA 20+40 TO 27+78.87 LT	739	WHITE EDGE LINE				
	STA 22+08.2 TO 27+78.87 RT	571	YELLOW PAINTED MEDIAN (OUTSIDE LINE)				
	STA 22+08.2 TO 27+78.87 LT	571	YELLOW PAINTED MEDIAN (OUTSIDE LINE)				
	STA 24+90.8 TO 27+78.87 LT	289	YELLOW PAINTED MEDIAN (INSIDE LINE)				
	STA 24+92.7 TO 27+78.87 RT	287	YELLOW PAINTED MEDIAN (INSIDE LINE)				
	STA 32+79.93 TO 39+10.1 LT	631	WHITE EDGE LINE				
	STA 32+79.93 TO 39+14.6 LT	635	YELLOW NO PASSING				
	STA 32+79.93 TO 39+14.6 RT	635	YELLOW NO PASSING				
	STA 32+79.93 TO 39+19.1 RT	639	WHITE EDGE LINE				
	I-39 STA 2658+91.3 TO 2674+47.7 LT	1557	WHITE EDGE LINE				
	I-39 STA 2658+91.3 TO 2674+47.7 LT	1557	YELLOW EDGE LINE				
	TOTAL	9455					
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"						
	<u>LOCATION</u>	<u>FOOT</u>	<u>COMMENTS</u>				
	I-39 STA 2658+91.3 TO 2674+47.7 LT	390	WHITE SKIP DASH				
	TOTAL	390					

MODEL: PLOT07
FILE NAME: Y:\DOT1140-22_64G68\CADD\Highway\CADD_Sheets\0264G68-pls-schedule01.dgn



USER NAME = IRC	DESIGNED - IRC	REVISED -
ESCA PROJECT NO. 1140.22	DRAWN - IRC	REVISED -
PLOT SCALE = 0.1667' / in.	CHECKED - ELH	REVISED -
PLOT DATE = 8/4/2022	DATE - 07/22	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES	
SCALE: NONE	SHEET NO. 7 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HR-3	WINNEBAGO	158	28
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

X5010523	REMOVE CONCRETE END SECTION <u>LOCATION</u> STA 2665+19.28 LT	<u>EACH</u> 1		<u>COMMENTS</u>
		TOTAL	1	
X6024210	DOUBLE INLET, SPECIAL <u>LOCATION</u> STA 100+94.00 29.00' LT	<u>EACH</u> 1		<u>COMMENTS</u>
		TOTAL	1	
X6430120	REMOVE IMPACT ATTENUATORS, NO SALVAGE <u>LOCATION</u> STA 2665+35 STA 2665+99	<u>EACH</u> 1 1		<u>COMMENTS</u>
		TOTAL	2	
X6431110	REMOVE ATTENUATOR BASE <u>LOCATION</u> STA 2665+35 STA 2665+99	<u>EACH</u> 1 1		<u>COMMENTS</u>
		TOTAL	2	
X6640300	CHAIN LINK FENCE REMOVAL <u>LOCATION</u> STA 33+41 TO 34+00 RT STA 37+57.40 RT	<u>FOOT</u> 60 80		<u>COMMENTS</u> PRIVATE ENTRANCE
		TOTAL	140	
X6650202	WOVEN WIRE FENCE REMOVAL <u>LOCATION</u> STA 26+26 TO 28+26 LT STA 28+66 TO 28+70 RT STA 31+45 TO 31+51 LT STA 32+98 TO 33+64 RT	<u>FOOT</u> 224 71 58 75		<u>COMMENTS</u>
		TOTAL	428	
X7820007	GUARDRAIL REFLECTORS, TYPE C (SPECIAL) <u>LOCATION</u> STA 23+53.3 TO 28+65.2 RT STA 26+86.2 TO 28+10.6 LT STA 31+94.4 TO 32+93.8 LT STA 32+49.0 TO 33+35.9 RT STA 37+82.0 TO 39+07.0 RT STA 38+30.5 TO 38+93.0 LT	<u>EACH</u> 7 2 2 2 2 2		<u>COMMENTS</u>
		TOTAL	17	
X7830050	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL <u>LOCATION</u> I-39 STA 2658+91.3 TO 2674+47.7	<u>EACH</u> 38		<u>COMMENTS</u> PRIOR TO PRE-STAGE 1
		TOTAL	38	
Z0004638	PAVEMENT BREAKING <u>LOCATION</u> STA 22+43.50 TO 27+78.87	<u>SQ YD</u> 2260		<u>COMMENTS</u>
		TOTAL	2260	
Z0025505	PROPERTY MARKERS <u>LOCATION</u> TO BE DETERMINED BY THE ENGINEER	<u>EACH</u> 15		<u>COMMENTS</u>
		TOTAL	15	

Z0028415	GEOTECHNICAL REINFORCEMENT <u>LOCATION</u> STA 20+40.00 TO 27+78.87 STA 32+79.93 TO 36+39.00 MILL ROAD STA 100+49.00 TO 101+50.00 I-39 STA 2660+72.20 TO 2672+67.70 STA 27+28.87 TO APPROACH FOOTING APPROACH FOOTING TO STA 32+79.93	<u>SQ YD</u> 3885 1157 675 1918 219 205		<u>COMMENTS</u> UNDER HMA PAVEMENT (FULL-DEPTH) AND CCC&G UNDER HMA PAVEMENT (FULL-DEPTH) UNDER HMA PAVEMENT (FULL-DEPTH) AND CCC&G UNDER HMA SHOULDERS UNDER PAVEMENT CONNECTORS UNDER PAVEMENT CONNECTORS
		TOTAL	8059	
Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH <u>LOCATION</u> STA 100+75 TO 100+93	<u>FOOT</u> 19		<u>COMMENTS</u>
		TOTAL	19	

EARTHWORK SCHEDULE						
LOCATION		20200100	OTHER	EXCAVATION	EMBANKMENT	20400800
		EARTH	EXCAVATION	ADJUSTED FOR	(NOT A PAY	EARTHWORK
		EXCAVATION	CU YD	SHRINKAGE	ITEM)	BALANCE
		CU YD	CU YD	CU YD	CU YD	WASTE (+) OR SHORTAGE (-)
				CU YD		
STA 20+40 TO 28+10	LT	975		731	10195	-9464
STA 20+40 TO 28+65	RT	307		230	7180	-6950
STA 31+94 TO 39+15	LT	121		91	3848	-3757
STA 32+49 TO 39+15	RT	899		674	2251	-1577
MILL ROAD STA 100+50 TO 101+50	LT	147		110	13	97
MILL ROAD STA 100+50 TO 101+50	RT	115		86	58	28
I-39 STA 2660+72 TO 2673+00	LT	3708		2782	1572	1210
I-39 STA 2662+85 TO 2668+00	RT	150		113	98	15
EX TO T/O SLOPE WALL	-	5363		4018		4018
TOTALS		11785		8835	25215	-16380
						16380

- NOTES:
 1. EXCAVATION USED AS EMBANKMENT = EXCAVATION*0.75
 2. TABLE DOES NOT INCLUDE ANY EXCAVATION THAT IS INCLUDED IN OTHER PAY ITEMS

HOT-MIX ASPHALT SCHEDULE					
LOCATION		40602978	40604050	40604060	40604084
		HOT-MIX ASPHALT BINDER	HOT-MIX ASPHALT SURFACE	HOT-MIX ASPHALT SURFACE	HOT-MIX ASPHALT SURFACE
		COURSE, IL-9.5, N50	COURSE, MIX "C", N50	COURSE, MIX "D", N50	COURSE, MIX "F", N90
		TON	TON	TON	TON
STA 20+40.00 TO 28+10.6	LT		79		
STA 22+54.5 TO 28+65.2	RT		70		
STA 31+94.4 TO 36+39.0	LT		38		
STA 32+49.0 TO 36+39.0	RT		38		
STA 36+39.0 TO 39+07.7	LT		82		
STA 36+39.0 TO 39+21.61	RT		93		
STA 36+39.00 TO 38+38.04	-	134			
STA 36+39.00 TO 39+14.59	-			90	
STA 38+38.04 TO 38+55.45	-			2	
I-39 STA 2660+72.2 TO 2672+67.7	LT		108		194
I-39 STA 2665+19.8 TO 2666+59.8	LT		13		
TOTALS		134	521	92	194

- NOTES:
 1. USED RATE OF 112 LBS/SQ YD/IN

MODEL: PLOT09
FILE: NAME: Y:\PLOT011140-22_64668\CADD\Hwy\WAY\CADD Sheets\0264668-pls-schedule01.dgn



USER NAME = nhc	DESIGNED - IRC	REVISED -	
ESCA PROJECT NO. 1140.22	DRAWN - IRC	REVISED -	
PLOT SCALE = 0.1667' / in.	CHECKED - ELH	REVISED -	
PLOT DATE = 10/10/2022	DATE - 10/22	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: NONE SHEET NO. 9 OF 9 SHEETS STA. TO STA.

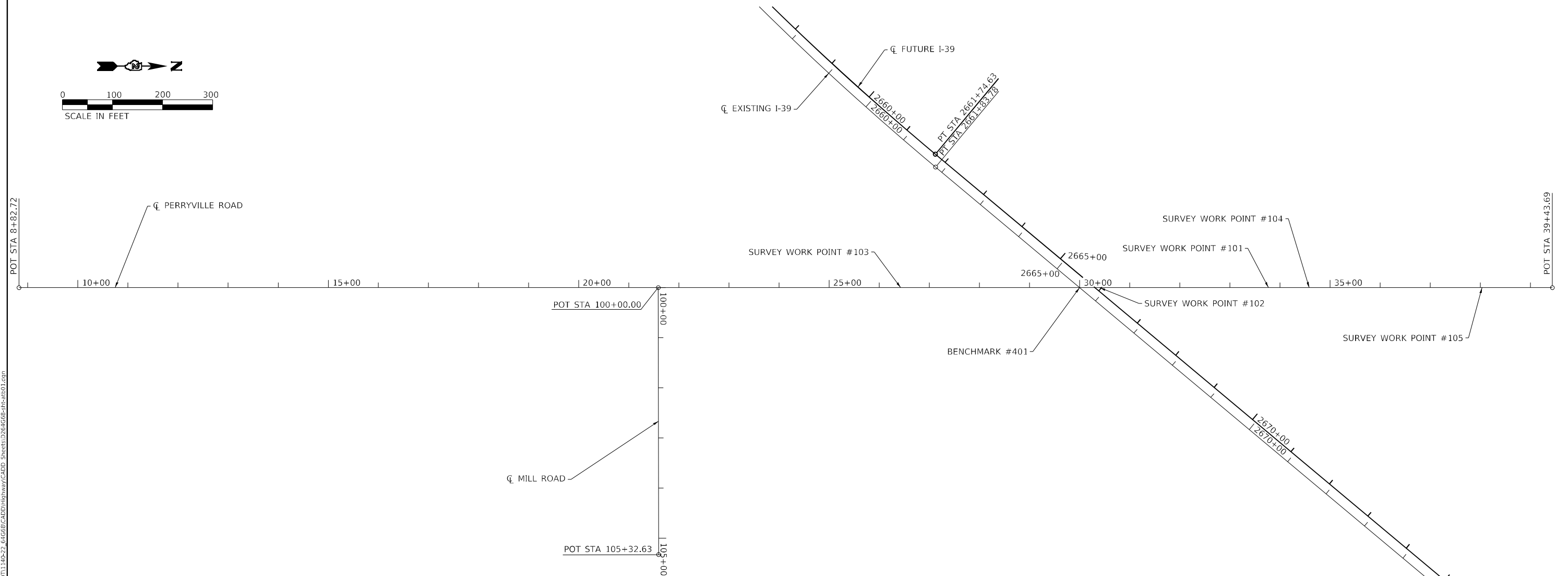
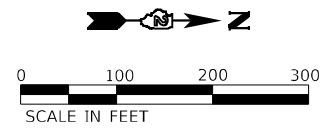
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	30
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

HORIZONTAL AND VERTICAL CONTROL

HORIZONTAL CONTROL POINTS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
62	2024883.7260	2609541.7640	-----	PVILLE_E_ALIGN	OUT OF CHAIN	-----	TRAVERSE STATION
63	2035056.3990	2622979.1330	-----	PVILLE_E_ALIGN	OUT OF CHAIN	-----	TRAVERSE STATION
IL01	2046893.4340	2572857.8310	812.8540	PVILLE_E_ALIGN	OUT OF CHAIN	-----	TRAVERSE STATION

SURVEY WORK POINTS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
101	2027753.3283	2618364.3886	788.2900	PVILLE_E_ALIGN	33+77.08	239.1948' RT	TRAVERSE STATION
102	2027409.8545	2618062.2490	782.7700	PVILLE_E_ALIGN	30+40.18	70.2595' LT	TRAVERSE STATION
103	2027009.2215	2617924.0303	788.1300	PVILLE_E_ALIGN	26+42.61	217.0598' LT	TRAVERSE STATION
104	2027829.7563	2618144.8574	799.9500	PVILLE_E_ALIGN	34+58.21	21.3576' RT	TRAVERSE STATION
105	2028173.7772	2618078.8778	795.3500	PVILLE_E_ALIGN	38+03.57	37.2104' LT	TRAVERSE STATION

BENCH MARKS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
12081	2027354.2369	2618120.4104	788.5300	PVILLE_E_ALIGN	29+83.33	13.3074' LT	BM401 CUT SQUARE SOUTHERLY CENTER CRASH WALL



MODEL PLOT
FILE NAME: Y:\DOT1140-22_64668\CADD\Hwy\CAAD_Sheets\0264668-shc-3801.dwg



USER NAME = IRC
ESCA PROJECT NO. 1140.22
PLOT SCALE = 0.1667' / in.
PLOT DATE = 8/4/2022

DESIGNED - KJK
DRAWN - KJK
CHECKED - ELH
DATE - 06/21

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HORIZONTAL AND VERTICAL CONTROL

SCALE: NONE SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	31
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

HORIZONTAL AND VERTICAL CONTROL

Chain PVILLE_E_ALIGN contains:
70001 70002

Beginning chain PVILLE_E_ALIGN description

Point 70001 N 2,025,254.4021 E 2,618,178.8773 Sta 8+82.72

Course from 70001 to 70002 N 1° 13' 54.99" W Dist 3,060.9729'

Point 70002 N 2,028,314.6674 E 2,618,113.0670 Sta 39+43.69

Ending chain PVILLE_E_ALIGN description

Chain P_MILL contains:
70200 70003

Beginning chain P_MILL description

Point 70200 N 2,026,530.2182 E 2,618,151.4412 Sta 100+00.00

Course from 70200 to 70003 N 88° 41' 15.53" E Dist 532.6305'

Point 70003 N 2,026,542.4170 E 2,618,683.9320 Sta 105+32.63

Ending chain P_MILL description

Chain I39_CL19.5 contains:
1 CUR C1 CUR C2 2

Beginning chain I39_CL19.5 description

Point 1 N 2,024,883.0902 E 2,609,527.9030 Sta 2571+69.15

Course from 1 to PC C1 N 89° 20' 54.45" E Dist 3,937.0401'

Curve Data

Curve C1

P.I. Station 2638+19.71 N 2,024,958.7157 E 2,616,178.0294

Delta = 50° 41' 00.00" (LT)

Degree = 0° 59' 59.92"

Tangent = 2,713.5163'

Length = 5,068.4412'

Radius = 5,729.7000'

External = 610.0660'

Long Chord = 4,904.7975'

Mid. Ord. = 551.3603'

P.C. Station 2611+06.19 N 2,024,927.8595 E 2,613,464.6886

P.T. Station 2661+74.63 N 2,027,077.4586 E 2,617,873.3462

C.C. N 2,030,657.1890 E 2,613,399.5344

Course from PT C1 to PC C2 N 38° 39' 54.45" E Dist 5,219.1290'

Ending chain I39_CL19.5 description

Chain I39 contains:
60013 CUR 60220

Beginning chain I39 description

Point 60013 N 2,024,883.7260 E 2,609,541.7640 Sta 2571+66.20

Course from 60013 to PC 60220 N 89° 21' 21.57" E Dist 3,946.4636'

Curve Data

Curve 60220

P.I. Station 2638+27.67 N 2,024,958.6001 E 2,616,202.8103

Delta = 50° 41' 24.78" (LT)

Degree = 0° 59' 58.51"

Tangent = 2,715.0035'

Length = 5,071.1203'

Radius = 5,731.9500'

External = 610.4860'

Long Chord = 4,907.3460'

Mid. Ord. = 551.7242'

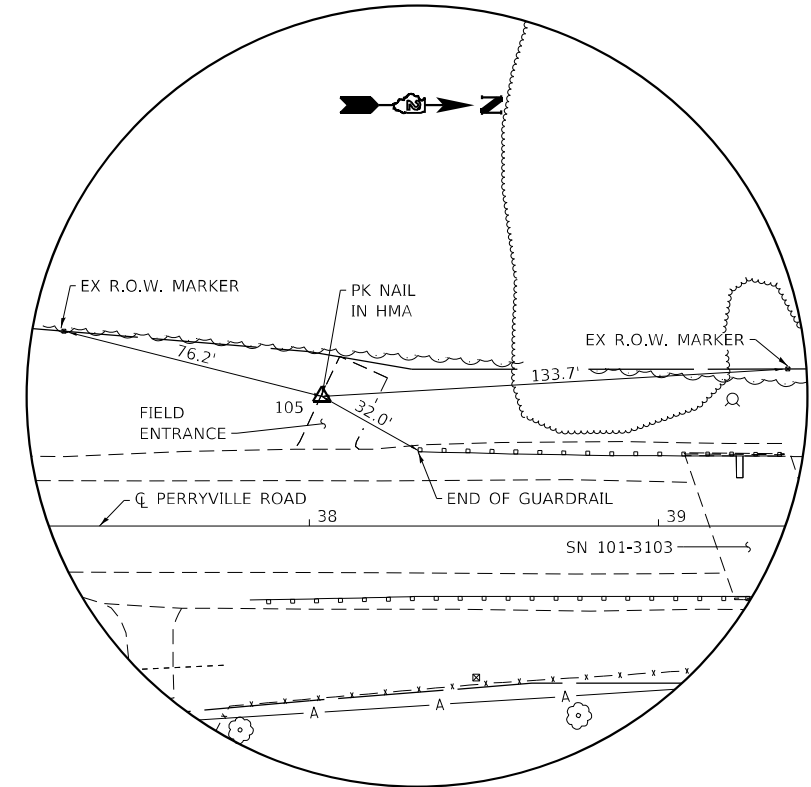
P.C. Station 2611+12.66 N 2,024,928.0836 E 2,613,487.9783

P.T. Station 2661+83.78 N 2,027,078.4852 E 2,617,899.0800

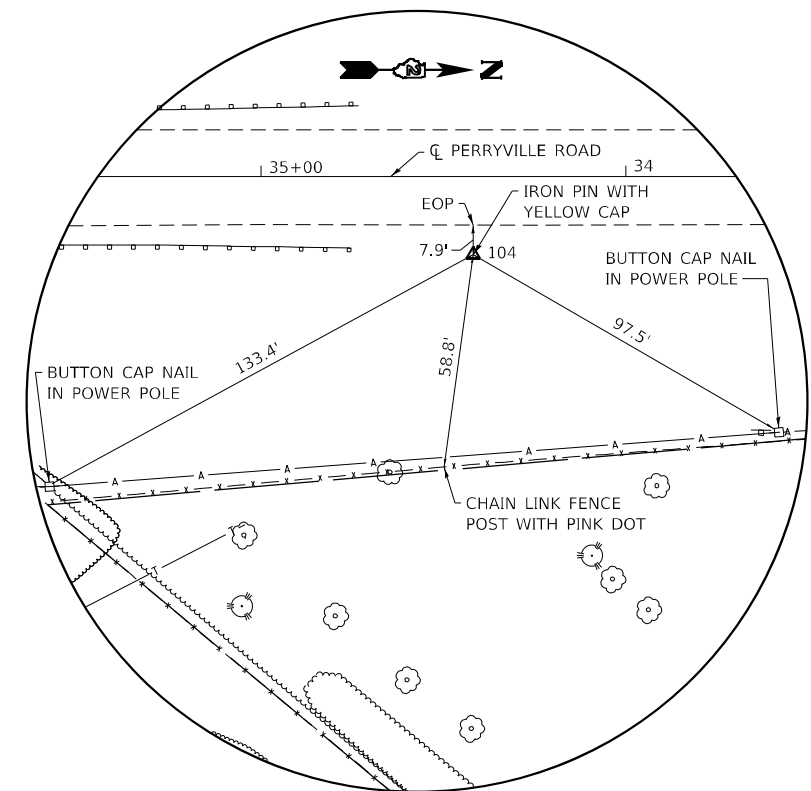
C.C. N 2,030,659.6715 E 2,613,423.5514

Course from PT 60220 to PC 60230 N 38° 39' 56.76" E Dist 5,140.6514'

Ending chain I39 description



**SURVEY WORK
POINT NO. 105**



**SURVEY WORK
POINT NO. 104**

MODEL: PLT
FILE NAME: Y:\PROJECTS\1140-22_64G68\CADD\HIN\HIN\CADD_Sheets\0264668-shc-302.dwg



USER NAME = IRC	DESIGNED - KJK	REVISED -
ESCA PROJECT NO. 1140.22	DRAWN - KJK	REVISED -
PLOT SCALE = 0.1667' / in.	CHECKED - ELH	REVISED -
PLOT DATE = 8/4/2022	DATE - 06/19	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HORIZONTAL AND VERTICAL CONTROL

SCALE: NONE SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	32
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

TOWNSHIP 43 NORTH, RANGE 2 EAST OF THE 3RD PRINCIPAL MERIDIAN

PERRYVILLE ROAD COORDINATES

STATION	NORTHING	EASTING
P.O.T. 20+00.00	2026371.4238	2618154.8560
P.O.T. 39+43.69	2028314.6646	2618113.0670

BEARINGS SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION

PROJECT DATUM IS NAD 83 (2011) ILLINOIS STATE PLANE COORDINATES, WEST ZONE. BEARINGS AND DISTANCES SHOWN HEREON ARE BASED ON GRID COORDINATES

GRID DISTANCE / THE COMBINED FACTOR OF 1.00005616 = GROUND DISTANCE

AREAS SHOWN BASED ON GROUND DISTANCES

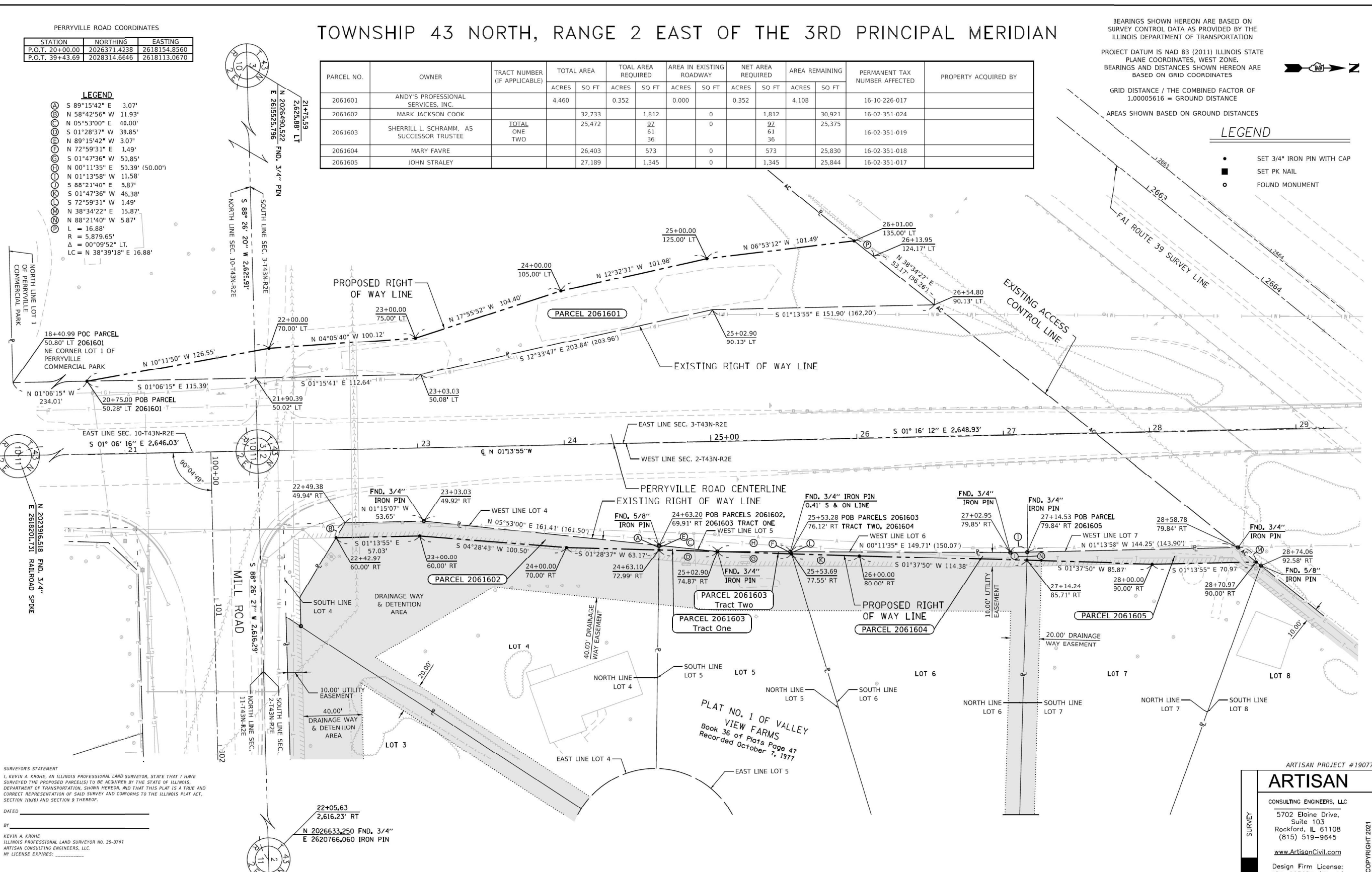
PARCEL NO.	OWNER	TRACT NUMBER (IF APPLICABLE)	TOTAL AREA		TOTAL AREA REQUIRED		AREA IN EXISTING ROADWAY		NET AREA REQUIRED		AREA REMAINING		PERMANENT TAX NUMBER AFFECTED	PROPERTY ACQUIRED BY
			ACRES	SQ FT	ACRES	SQ FT	ACRES	SQ FT	ACRES	SQ FT	ACRES	SQ FT		
2061601	ANDY'S PROFESSIONAL SERVICES, INC.		4.460		0.352		0.000		0.352		4.108		16-10-226-017	
2061602	MARK JACKSON COOK		32.733		1,812		0		1,812		30,921		16-02-351-024	
2061603	SHERRILL L. SCHRAMM, AS SUCCESSOR TRUSTEE	TOTAL ONE TWO	25,472		97		0		97		25,375		16-02-351-019	
2061604	MARY FAVRE		26,403		573		0		573		25,830		16-02-351-018	
2061605	JOHN STRALEY		27,189		1,345		0		1,345		25,844		16-02-351-017	

LEGEND

- SET 3/4" IRON PIN WITH CAP
- SET PK NAIL
- FOUND MONUMENT

- ### LEGEND
- ⊙ S 89°15'42" E 3.07'
 - ⊙ N 58°42'56" W 11.93'
 - ⊙ N 05°53'00" E 40.00'
 - ⊙ S 01°28'37" W 39.85'
 - ⊙ N 89°15'42" W 3.07'
 - ⊙ N 72°59'31" E 1.49'
 - ⊙ S 01°47'36" W 50.85'
 - ⊙ N 00°11'35" E 50.39' (50.00')
 - ⊙ N 01°13'58" W 11.58'
 - ⊙ S 88°21'40" E 5.87'
 - ⊙ S 01°47'36" W 46.38'
 - ⊙ S 72°59'31" W 1.49'
 - ⊙ N 38°34'22" E 15.87'
 - ⊙ N 88°21'40" W 5.87'
 - L = 16.88'
 - R = 5.879.65'
 - Δ = 00°09'52" LT.
 - LC = N 38°39'18" E 16.88'

MODEL: Unitled Sheet
FILE NAME: Y:\DOT11\40-22-64G68\CADD\Hwy\Hwy\CADD_Sheets\2026371.4238-2618154.8560-2026371.4238-2618113.0670.dwg
PROJECT: R-92-006-16 - 64G68 - P201511 - Perryville Rd over I-39 - Winnebago - collected from CONSULTANT\Hwy\Sheet Log
DATE: 8/4/2022



SURVEYOR'S STATEMENT
I, KEVIN A. KRHE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PROPOSED PARCELS TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON, AND THAT THIS PLAT IS A TRUE AND CORRECT REPRESENTATION OF SAID SURVEY AND CONFORMS TO THE ILLINOIS PLAT ACT, SECTION 116(R) AND SECTION 9 THEREOF.
DATED: _____
BY: KEVIN A. KRHE, ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3761, ARTISAN CONSULTING ENGINEERS, LLC. MY LICENSE EXPIRES: _____

USER NAME	DESIGNED	REVISIONS
hoffmanjd	-	-
	DRAWN	REVISIONS
	CHECKED	REVISIONS
	DATE	REVISIONS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RIGHT OF WAY PLAT		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
LAND SECTION 2, 3, 10	T 43N, R 2E OF 3RD P.M.	39	4HBR-3	WINNEBAGO	158	35
JOB# R-92-006-16	DRAWER FOLDER			CONTRACT NO. 64G68		
SCALE: 1" = 30'	SHEET 1 OF 2 SHEETS	STA. 20+75 TO STA. 29+00	ILLINOIS	FED. AID PROJECT		

ARTISAN PROJECT #19077

ARTISAN
CONSULTING ENGINEERS, LLC
5702 Eloine Drive, Suite 103
Rockford, IL 61108
(815) 519-9645
www.ArtisanCivil.com
Design Firm License: 184-005655 (Illinois)

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USER NAME	DESIGNED	REVISIONS
IRC	-	-
	DRAWN	REVISIONS
	CHECKED	REVISIONS
	DATE	REVISIONS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EASEMENT AND RIGHT OF WAY PLATS		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: NONE	SHEET NO. 3 OF 4 SHEETS	STA. TO STA.	ILLINOIS	FED. AID PROJECT		



PERRYVILLE ROAD COORDINATES

STATION	NORTHING	EASTING
P.O.T. 20+00.00	2026371.4238	2618154.8560
P.O.T. 39+43.69	2028314.6646	2618113.0670

TOWNSHIP 43 NORTH, RANGE 2 EAST OF THE 3RD PRINCIPAL MERIDIAN

BEARINGS SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROJECT DATUM IS NAD 83 (2011) ILLINOIS STATE PLANE COORDINATES, WEST ZONE.
 BEARINGS AND DISTANCES SHOWN HEREON ARE BASED ON GRID COORDINATES
 GRID DISTANCE / THE COMBINED FACTOR OF 1.00005616 = GROUND DISTANCE
 AREAS SHOWN BASED ON GROUND DISTANCES

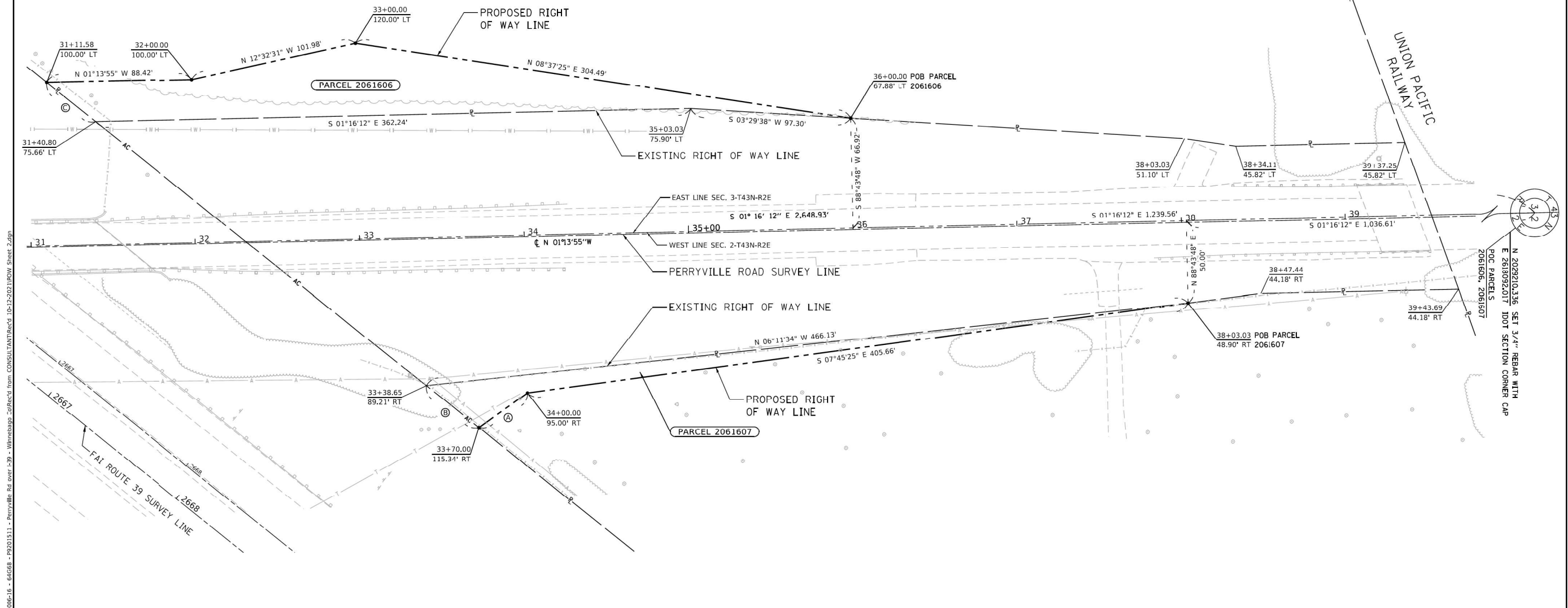


- LEGEND**
- Ⓐ S 35°22'09" E 36.25'
 - Ⓑ S 38°34'22" W 40.81'
 - Ⓒ S 38°34'22" W 38.03'

PARCEL NO.	OWNER	TRACT NUMBER (IF APPLICABLE)	TOTAL AREA		TOAL AREA REQUIRED		AREA IN EXISTING ROADWAY		NET AREA REQUIRED		AREA REMAINING		PERMANENT TAX NUMBER AFFECTED	PROPERTY ACQUIRED BY
			ACRES	SQ FT	ACRES	SQ FT	ACRES	SQ FT	ACRES	SQ FT	ACRES	SQ FT		
2061606	MICHAEL J. McELMEEL AND CHRISTINE M. McELMEEL, AS TRUSTEE		94.920		0.253		0.000	0	0.253		94.667		16-03-451-001	
2061607	DARI-RIPPLE OF BELVIDERE LLC		6.360		0.076		0.000	0	0.076		6.284		16-02-301-002	

LEGEND

- SET 3/4" IRON PIN WITH CAP
- SET PK NAIL
- FOUND MONUMENT



MODEL: Unfilled Sheet
 FILE NAME: \\illinoisgov\DOT\DD\Share\Map\ACTIVE PROJECTS\2022-2026\16 - 64G68 - P9201511 - Perryville Rd over I-39 - Winnebago - 2022-2026\160W Sheet 2.dgn

SURVEYOR'S STATEMENT
 I, KEVIN A. KRÖHE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PROPOSED PARCELS TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON, AND THAT THIS PLAT IS A TRUE AND CORRECT REPRESENTATION OF SAID SURVEY AND CONFORMS TO THE ILLINOIS PLAT ACT, SECTION 106(R) AND SECTION 9 THEREOF.

DATED _____
 BY _____
 KEVIN A. KRÖHE
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3761
 ARTISAN CONSULTING ENGINEERS, LLC.
 MY LICENSE EXPIRES: _____

ARTISAN PROJECT #19077

ARTISAN
 CONSULTING ENGINEERS, LLC
 5702 Eloine Drive,
 Suite 103
 Rockford, IL 61108
 (815) 519-9645
www.ArtisanCivil.com
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 184-005655 (Illinois)

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USER NAME = hoffmanjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RIGHT OF WAY PLAT		F.A.I. RTE. 39	SECTION 4HBR-3	COUNTY WINNEBAGO	TOTAL SHEETS 158	SHEET NO. 36
PLOT SCALE = 30.0000' / in.	DRAWN -	REVISED -		LAND SECTION 2, 3, 10	T 43N, R 2E OF 3RD P.M.	CONTRACT NO. 64G68				
PLOT DATE = Nov-09-2021 10:28:31 AM	CHECKED -	REVISED -		JOB# R-92-006-16	DRAWER FOLDER					
DATE -	DATE -	REVISED -		SCALE: 1" = 30'	SHEET 2 OF 2 SHEETS	STA. 31+00 TO STA. 39+43.69	ILLINOIS FED. AID PROJECT			

USER NAME = IRC	DESIGNED - ELH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EASEMENT AND RIGHT OF WAY PLATS		F.A.I. RTE. 39	SECTION 4HBR-3	COUNTY WINNEBAGO	TOTAL SHEETS 158	SHEET NO. 36
ESCA PROJECT NO. 1140.22	DRAWN - NHC	REVISED -		SCALE: NONE	SHEET NO. 4 OF 4 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT			
PLOT SCALE = 0.1667' / in.	CHECKED - ELH	REVISED -								
PLOT DATE = 8/4/2022	DATE - 04/22	REVISED -								

MODEL: PLOT
 FILE NAME: \\illinoisgov\DOT\DD\Share\Map\ACTIVE PROJECTS\2022-2026\16 - 64G68 - P9201511 - Perryville Rd over I-39 - Winnebago - 2022-2026\160W Sheet 2.dgn





LEGEND

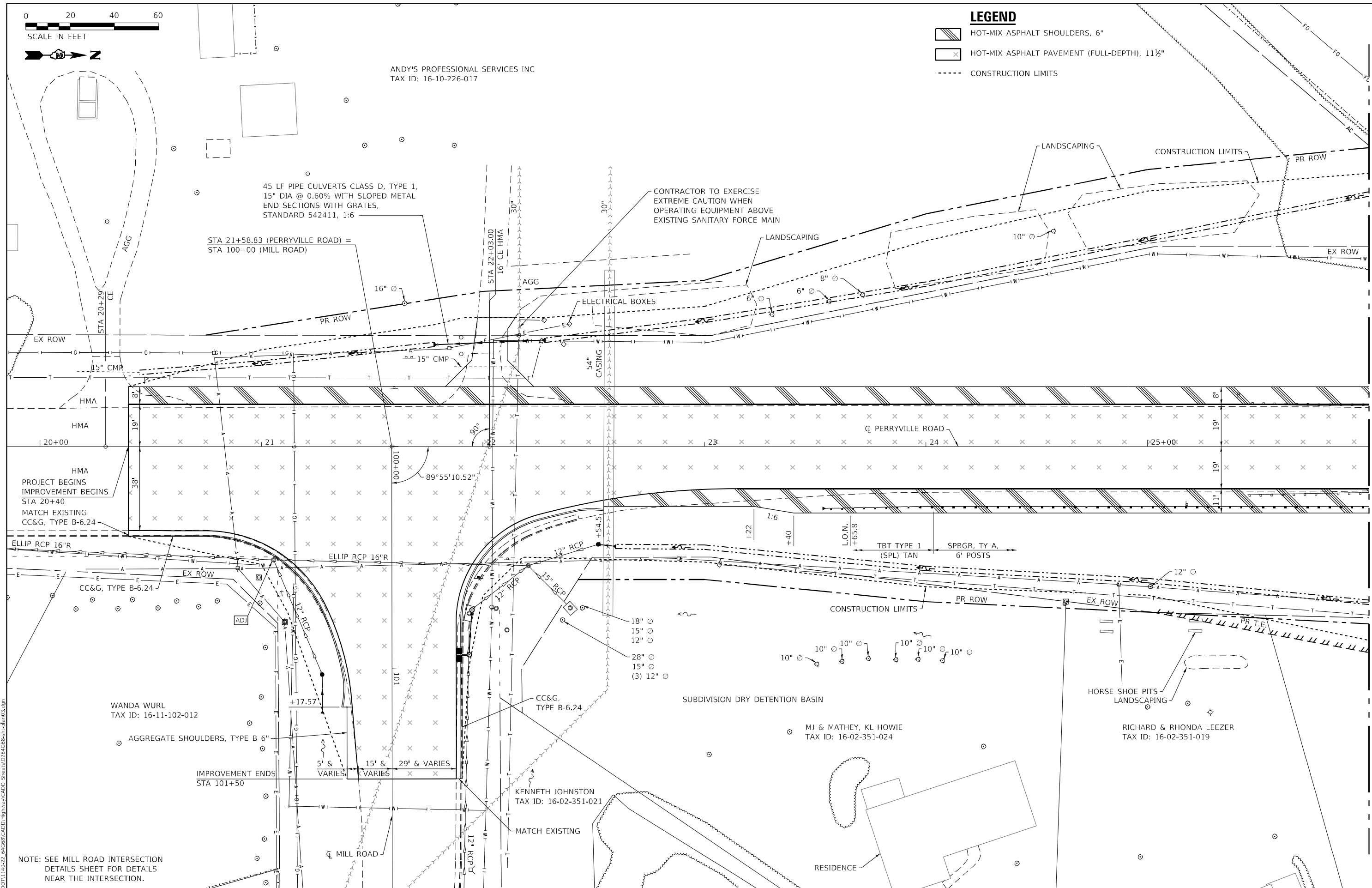
- HOT-MIX ASPHALT SHOULDERS, 6"
- HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 11 1/2"
- CONSTRUCTION LIMITS

ANDY'S PROFESSIONAL SERVICES INC
TAX ID: 16-10-226-017

45 LF PIPE CULVERTS CLASS D, TYPE 1,
15" DIA @ 0.60% WITH SLOPED METAL
END SECTIONS WITH GRATES,
STANDARD 542411, 1:6

STA 21+58.83 (PERRYVILLE ROAD) =
STA 100+00 (MILL ROAD)

CONTRACTOR TO EXERCISE
EXTREME CAUTION WHEN
OPERATING EQUIPMENT ABOVE
EXISTING SANITARY FORCE MAIN



HMA
PROJECT BEGINS
IMPROVEMENT BEGINS
STA 20+40
MATCH EXISTING
CC&G, TYPE B-6.24

WANDA WURL
TAX ID: 16-11-102-012

AGGREGATE SHOULDERS, TYPE B 6"

IMPROVEMENT ENDS
STA 101+50

KENNETH JOHNSTON
TAX ID: 16-02-351-021

SUBDIVISION DRY DETENTION BASIN

MJ & MATHEY, KL HOWIE
TAX ID: 16-02-351-024

RICHARD & RHONDA LEEZER
TAX ID: 16-02-351-019

NOTE: SEE MILL ROAD INTERSECTION
DETAILS SHEET FOR DETAILS
NEAR THE INTERSECTION.

MATCH LINE STA 26+00
SEE SHEET 38 FOR CONT.

MODEL: P:\perryville.dwg
FILE NAME: P:\DOT\1140-22-64668\CADD\Highway\CADD Sheets\0254668-PC-1403.dwg



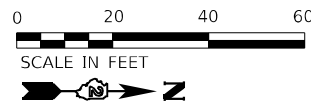
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ESCA PROJECT NO. 1140.22	DRAWN - KAH/NHC	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED - ELH	REVISED -
PLOT DATE = 8/4/2022	DATE - 07/22	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PERRYVILLE ROAD PLAN

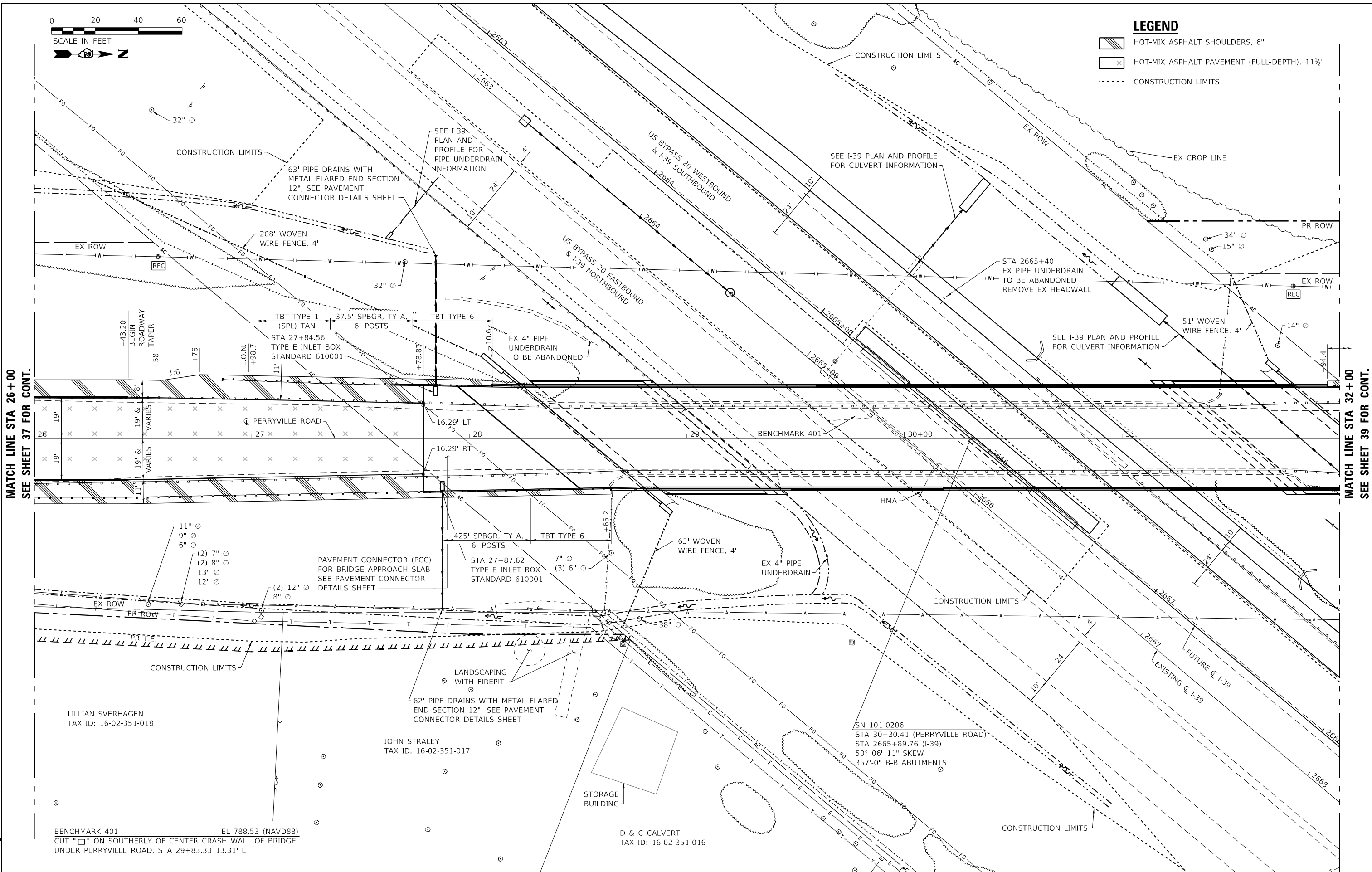
SCALE: AS SHOWN SHEET NO. 1 OF 4 SHEETS STA. 20+00 TO STA. 26+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	37
			CONTRACT NO. 64G68	
ILLINOIS FED. AID PROJECT				



LEGEND

	HOT-MIX ASPHALT SHOULDERS, 6"
	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 11 1/2"
	CONSTRUCTION LIMITS





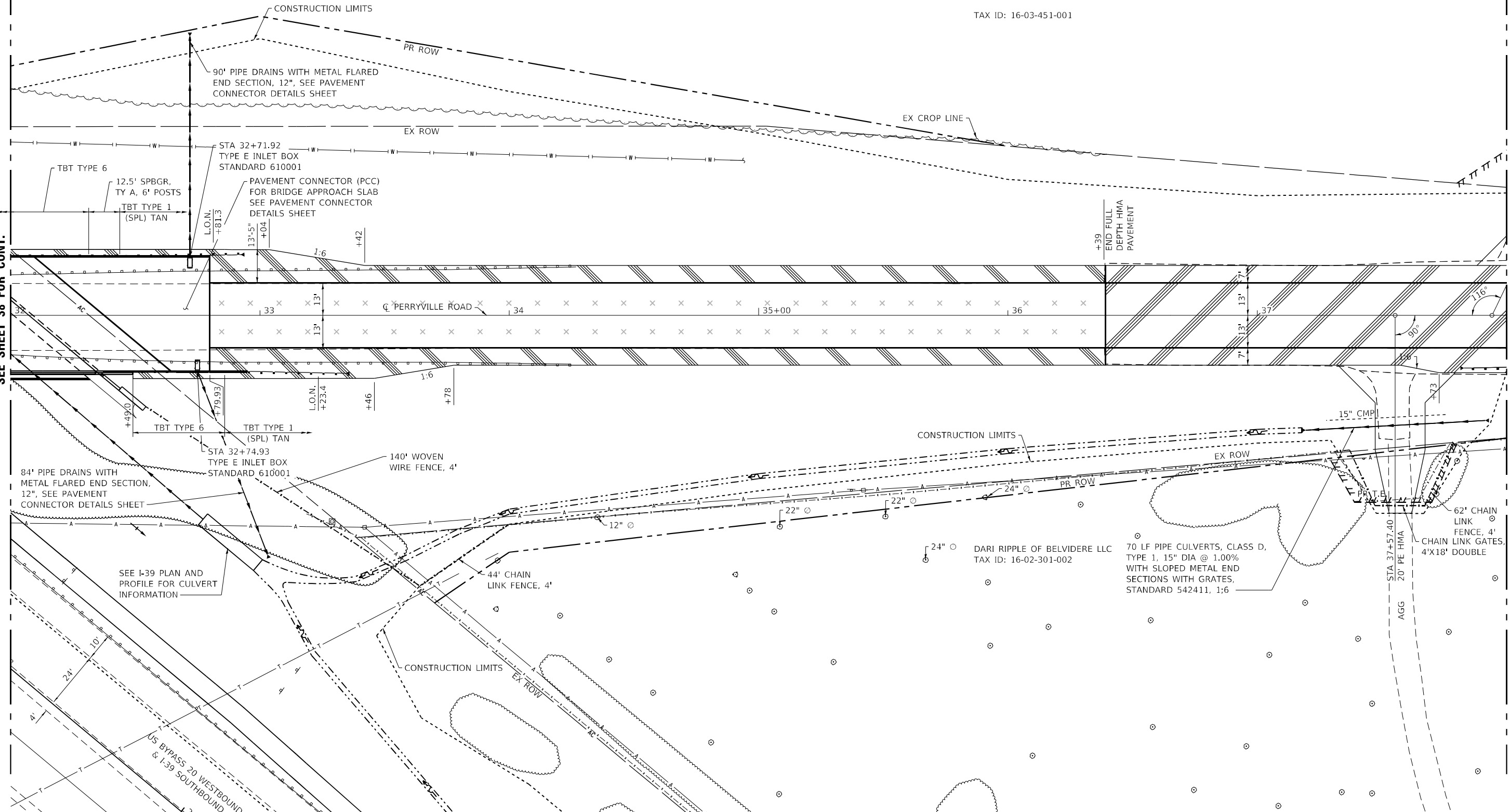
LEGEND

	HOT-MIX ASPHALT SHOULDERS, 6"
	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 11 1/2"
	HOT-MIX ASPHALT RESURFACING
	CONSTRUCTION LIMITS

TAX ID: 16-03-451-001

MATCH LINE STA 32+00
SEE SHEET 38 FOR CONT.

MATCH LINE STA 38+00
SEE SHEET 40 FOR CONT.



MODEL: P:\perryville.dwg
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USER NAME = IRC
ESCA PROJECT NO. 1140-22
PLOT SCALE = 40,0000 * / in.
PLOT DATE = 8/4/2022

DESIGNED - ELH
DRAWN - KAH/NHC
CHECKED - ELH
DATE - 07/22

REVISED -
REVISED -
REVISED -
REVISED -

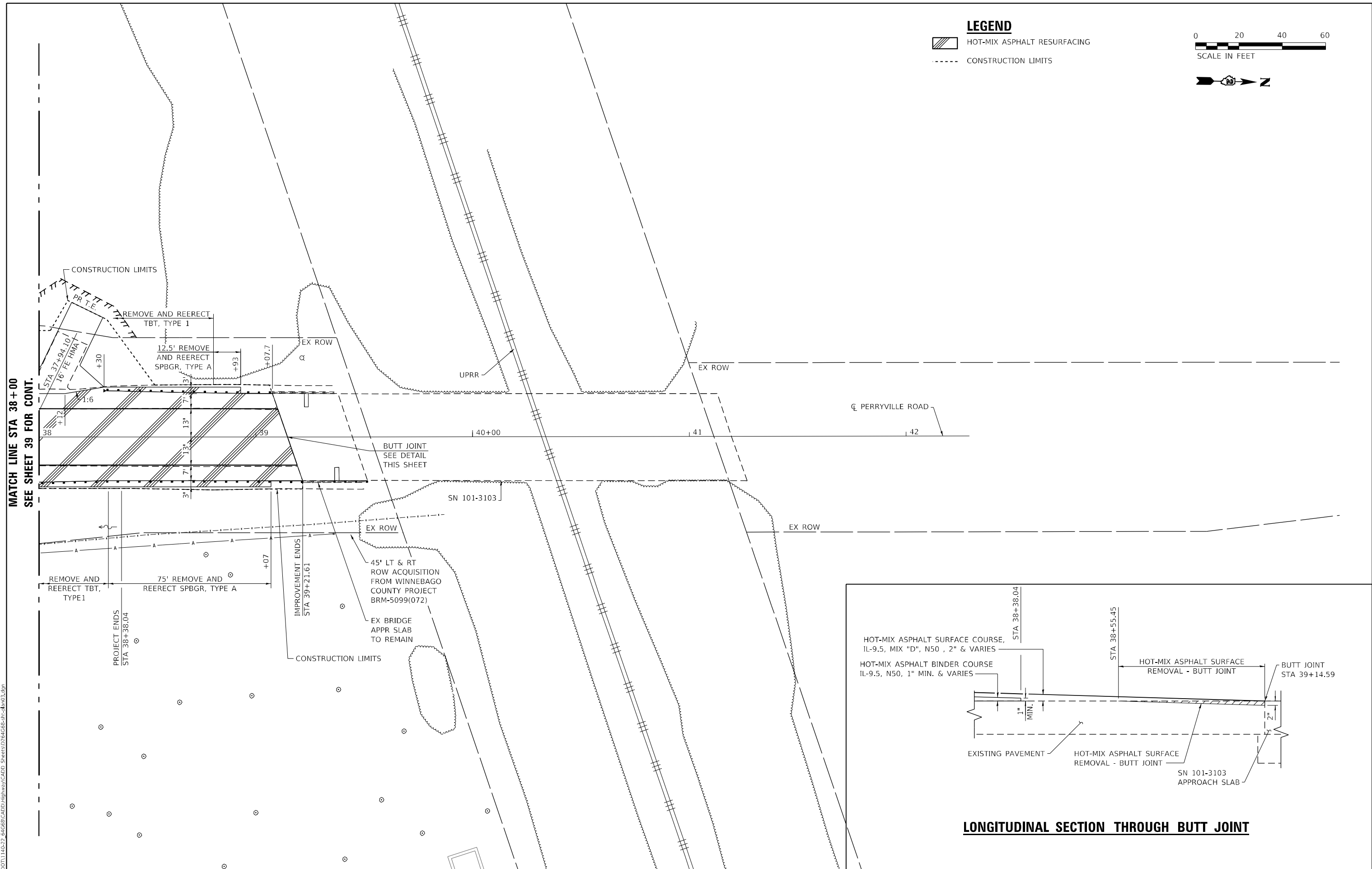
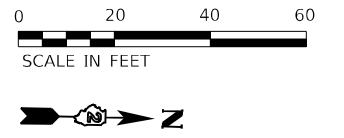
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PERRYVILLE ROAD PLAN

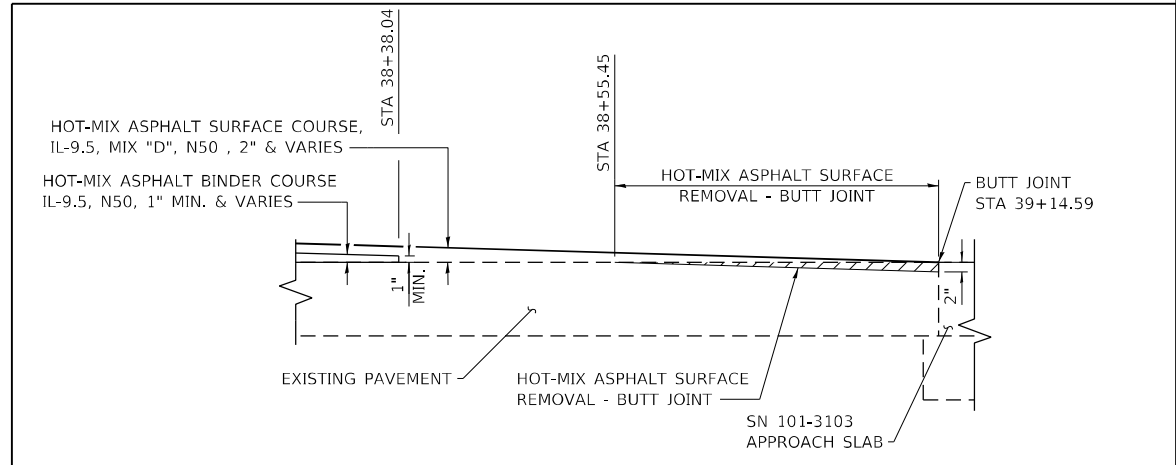
SCALE: AS SHOWN SHEET NO. 3 OF 4 SHEETS STA. 32+00 TO STA. 38+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	39
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

LEGEND
 HOT-MIX ASPHALT RESURFACING
 - - - - - CONSTRUCTION LIMITS



MATCH LINE STA 38 + 00
SEE SHEET 39 FOR CONT.



LONGITUDINAL SECTION THROUGH BUTT JOINT

MODEL: P64G68.dwg
FILE NAME: X:\DOT\1140-22-64G68\CADD\Highway\CADD Sheets\056468-sh-4n03.dwg



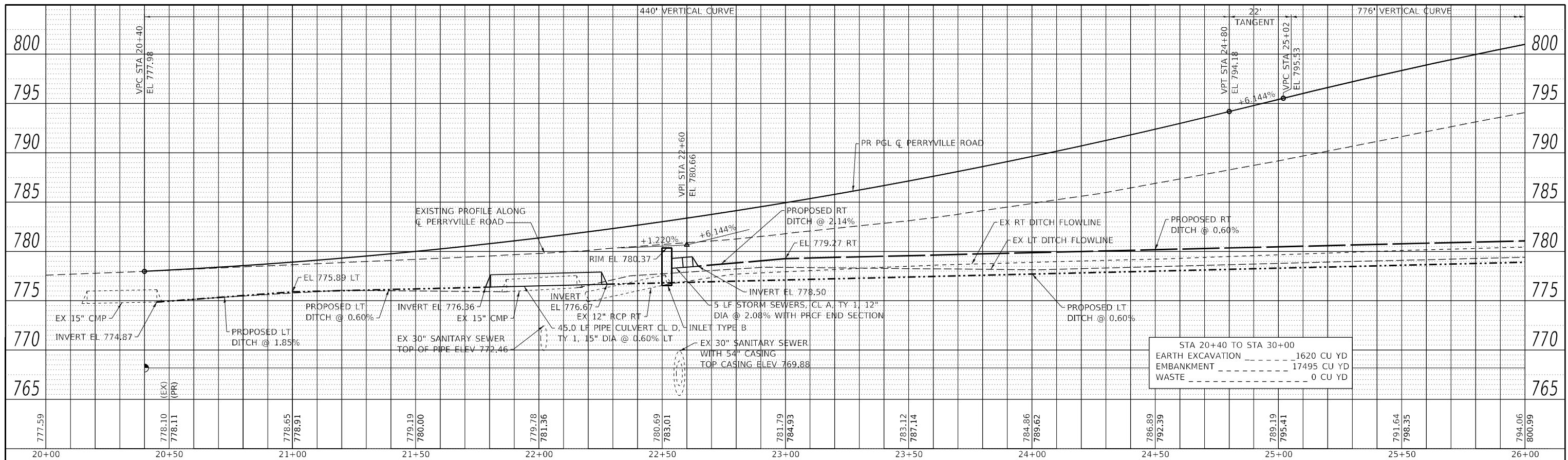
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ESCA PROJECT NO. 1140,22	DRAWN - KAH/NHC	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED - ELH	REVISED -
PLOT DATE = 8/4/2022	DATE - 07/22	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PERRYVILLE ROAD PLAN

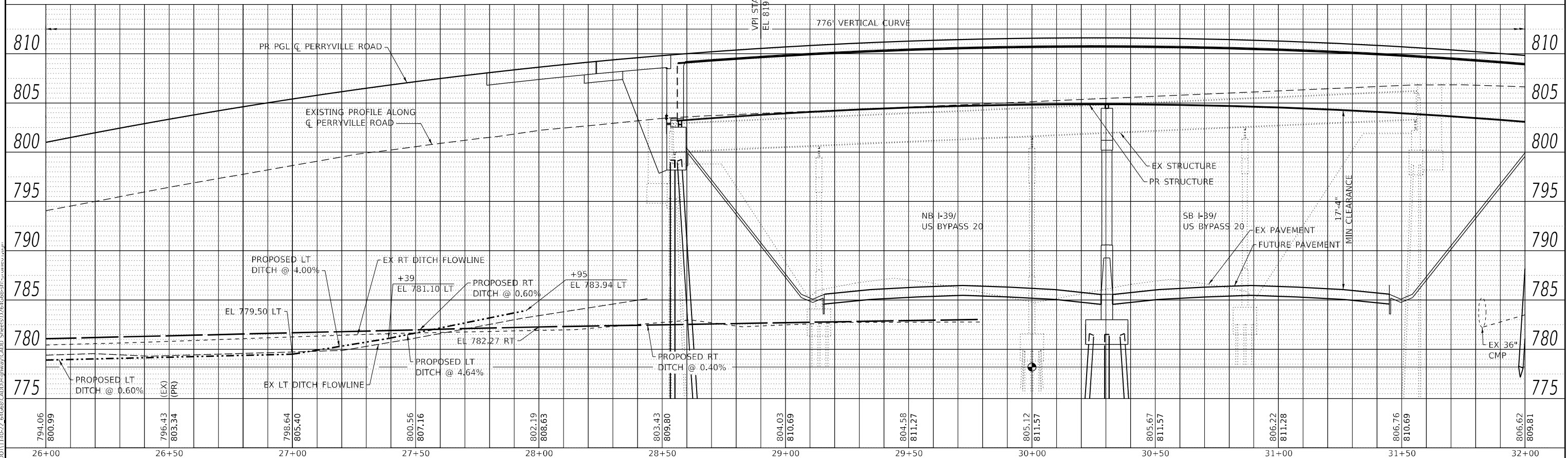
SCALE: AS SHOWN SHEET NO. 4 OF 4 SHEETS STA. 38+00 TO STA. 42+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HR-3	WINNEBAGO	158	40
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				



PROPOSED VERTICAL CURVE DATA
 VPI STA 22+60.00, EL 780.66
 $G_1 = +1.22\%$, $G_2 = +6.14\%$
 $L = 440'$, $E = 2.71'$
 VPC STA 20+40.00
 VPT STA 24+80.00

PROPOSED VERTICAL CURVE DATA
 VPI STA 28+90.00, EL 819.37
 $G_1 = +6.14\%$, $G_2 = -2.97\%$
 $L = 776'$, $E = 8.84'$
 VPC STA 25+02.00
 VPT STA 32+78.00



STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PERRYVILLE ROAD PROFILE

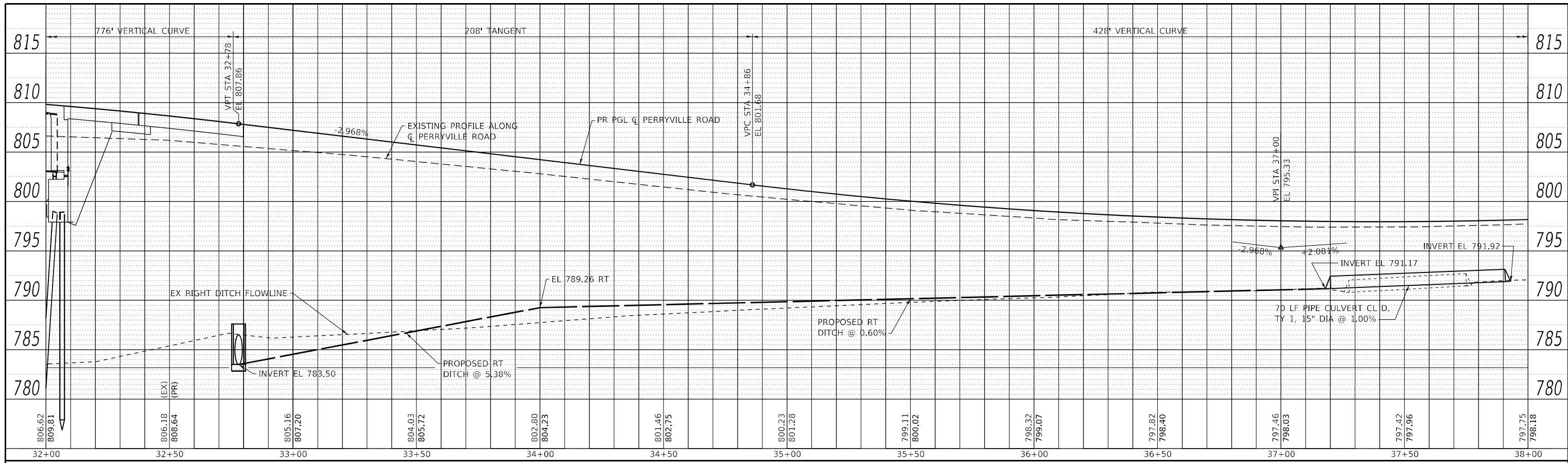
SCALE: AS SHOWN SHEET NO. 1 OF 2 SHEETS STA. 20+00 TO STA. 32+00

USER NAME = IRC	DESIGNED - ELH	REVISED -
ESCA PROJECT NO. 1140.22	DRAWN - KAH/SKM/NHC	REVISED -
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PLOT DATE = 8/4/2022	DATE - 07/22	REVISED -

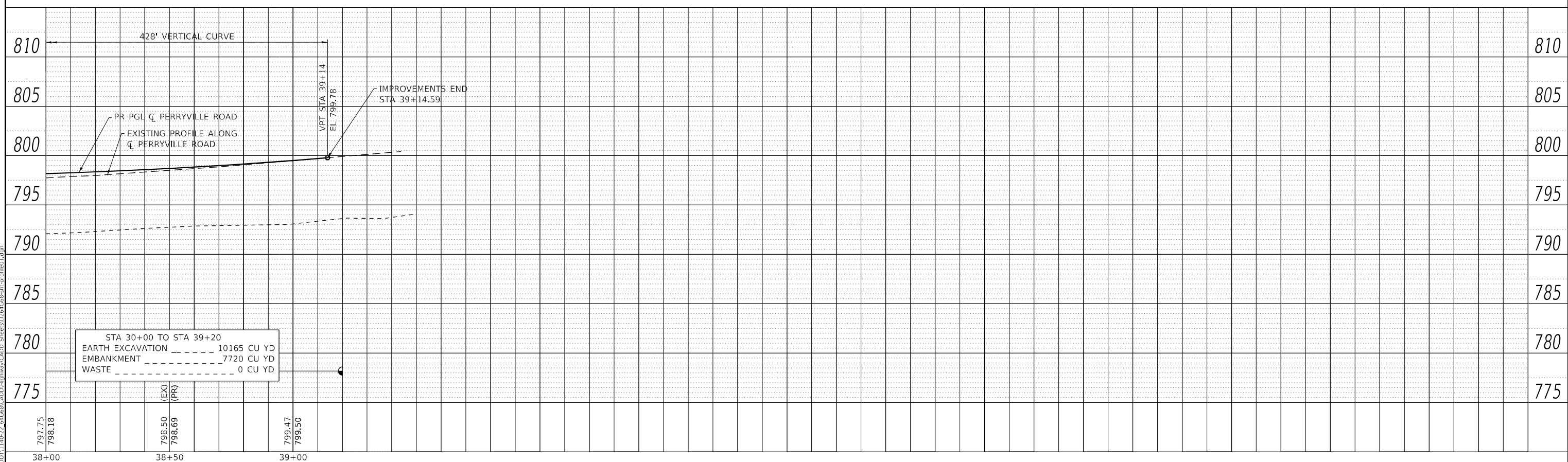
F.A.I. RTE. 39	SECTION 4HR-3	COUNTY WINNEBAGO	TOTAL SHEETS 158	SHEET NO. 41
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				



MODEL: Default
 FILE NAME: Y:\DOT\1140-22-64G68\CADD\Highway\CADD Sheets\0726\64G68-1140-22.dwg



PROPOSED VERTICAL CURVE DATA
 VPI STA 37+00.00, EL 795.33
 $G_1 = -2.97\%$, $G_2 = +2.08\%$
 $L = 428'$, $E = 2.70'$
 VPC STA 34+86.00
 VPT STA 39+14.00



MODEL: Default
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USER NAME = IRC
 ESCA PROJECT NO. 1140.22
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 PLOT DATE = 8/4/2022

DESIGNED - ELH
 DRAWN - KAH/NHC
 CHECKED - ELH
 DATE - 04/22

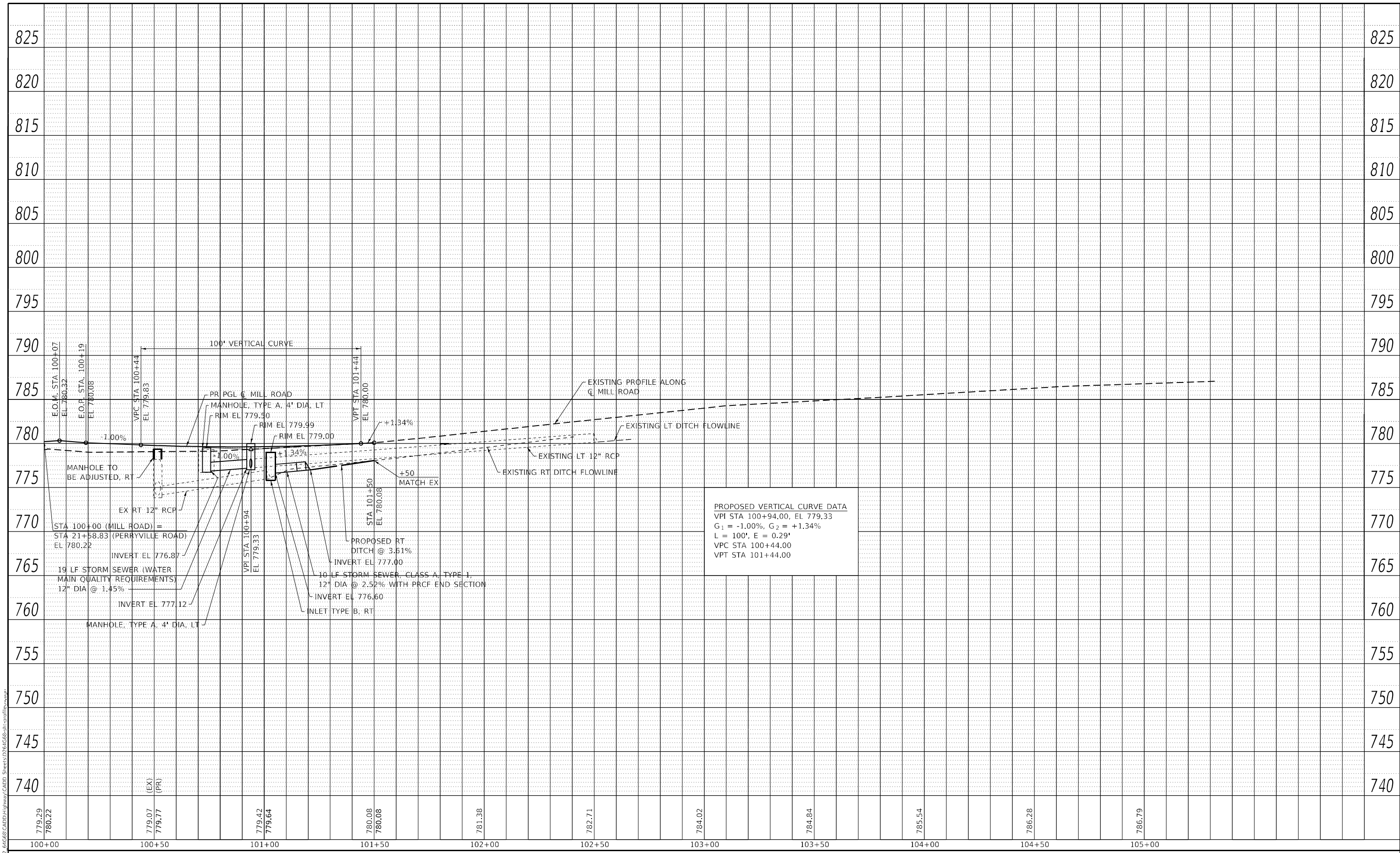
REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PERRYVILLE ROAD PROFILE

SCALE: AS SHOWN SHEET NO. 2 OF 2 SHEETS STA. 32+00 TO STA. 39+20

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HR-3	WINNEBAGO	158	42
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				



MODEL: Default
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USER NAME = IRC
 ESCA PROJECT NO. 1140.22
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 PLOT DATE = 8/4/2022

DESIGNED - ELH
 DRAWN - KAH
 CHECKED - ELH
 DATE - 07/22

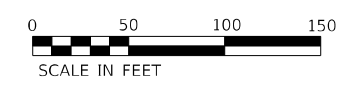
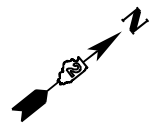
REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

MILL ROAD PROFILE

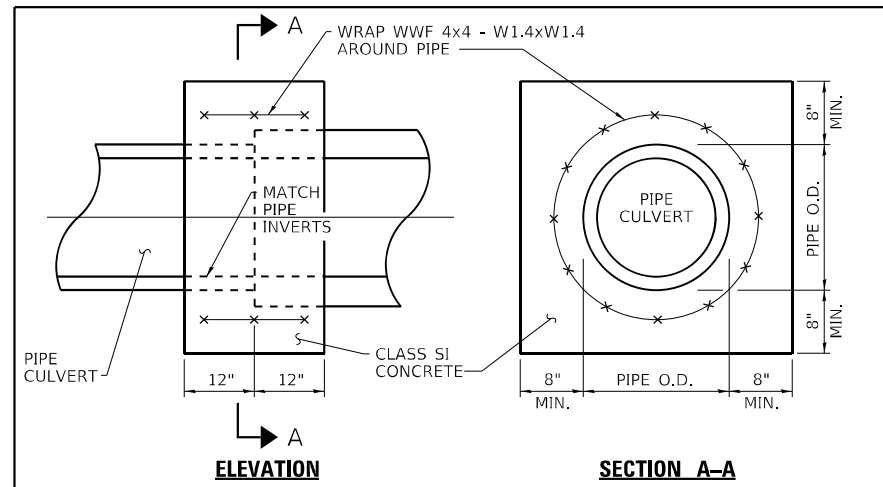
SCALE: AS SHOWN SHEET NO. 1 OF 1 SHEETS STA. 100+00 TO STA. 105+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HR-3	WINNEBAGO	158	43
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				



LEGEND

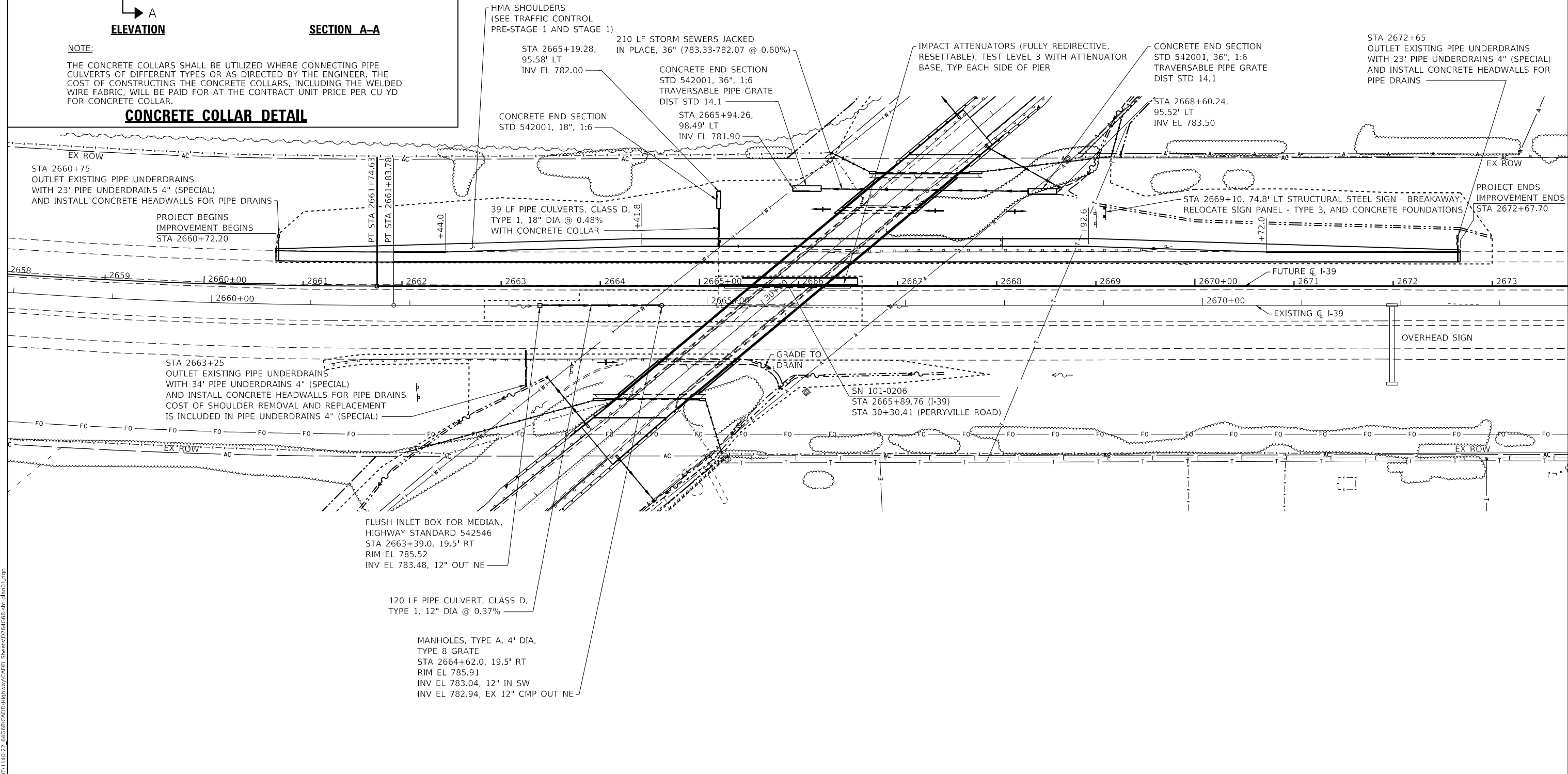
-- CONSTRUCTION LIMITS



NOTE:

THE CONCRETE COLLARS SHALL BE UTILIZED WHERE CONNECTING PIPE CULVERTS OF DIFFERENT TYPES OR AS DIRECTED BY THE ENGINEER. THE COST OF CONSTRUCTING THE CONCRETE COLLARS, INCLUDING THE WELDED WIRE FABRIC, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CU YD FOR CONCRETE COLLAR.

CONCRETE COLLAR DETAIL



HMA SHOULDERS
(SEE TRAFFIC CONTROL
PRE-STAGE 1 AND STAGE 1)

210 LF STORM SEWERS JACKED
IN PLACE, 36" (783.33-782.07 @ 0.60%)
STA 2665+19.28,
95.58' LT
INV EL 782.00

CONCRETE END SECTION
STD 542001, 36", 1:6
TRAVERSABLE PIPE GRATE
DIST STD 14.1

CONCRETE END SECTION
STD 542001, 18", 1:6

STA 2665+94.26,
98.49' LT
INV EL 781.90

IMPACT ATTENUATORS (FULLY REDIRECTIVE,
RESETTABLE), TEST LEVEL 3 WITH ATTENUATOR
BASE, TYP EACH SIDE OF PIER

CONCRETE END SECTION
STD 542001, 36", 1:6
TRAVERSABLE PIPE GRATE
DIST STD 14.1

STA 2668+60.24,
95.52' LT
INV EL 783.50

STA 2672+65
OUTLET EXISTING PIPE UNDERDRAINS
WITH 23' PIPE UNDERDRAINS 4" (SPECIAL)
AND INSTALL CONCRETE HEADWALLS FOR
PIPE DRAINS

STA 2660+75
OUTLET EXISTING PIPE UNDERDRAINS
WITH 23' PIPE UNDERDRAINS 4" (SPECIAL)
AND INSTALL CONCRETE HEADWALLS FOR PIPE DRAINS

PROJECT BEGINS
IMPROVEMENT BEGINS
STA 2660+72.20

39 LF PIPE CULVERTS, CLASS D,
TYPE 1, 18" DIA @ 0.48%
WITH CONCRETE COLLAR

STA 2669+10, 74.8' LT STRUCTURAL STEEL SIGN - BREAKAWAY,
RELOCATE SIGN PANEL - TYPE 3, AND CONCRETE FOUNDATIONS

PROJECT ENDS
IMPROVEMENT ENDS
STA 2672+67.70

STA 2663+25
OUTLET EXISTING PIPE UNDERDRAINS
WITH 34' PIPE UNDERDRAINS 4" (SPECIAL)
AND INSTALL CONCRETE HEADWALLS FOR PIPE DRAINS
COST OF SHOULDER REMOVAL AND REPLACEMENT
IS INCLUDED IN PIPE UNDERDRAINS 4" (SPECIAL)

GRADE TO
DRAIN

SN 101-0206
STA 2665+89.76 (I-39)
STA 30+30.41 (PERRYVILLE ROAD)

FLUSH INLET BOX FOR MEDIAN,
HIGHWAY STANDARD 542546
STA 2663+39.0, 19.5' RT
RIM EL 785.52
INV EL 783.48, 12" OUT NE

120 LF PIPE CULVERT, CLASS D,
TYPE 1, 12" DIA @ 0.37%

MANHOLES, TYPE A, 4' DIA,
TYPE 8 GRATE
STA 2664+62.0, 19.5' RT
RIM EL 785.91
INV EL 783.04, 12" IN SW
INV EL 782.94, EX 12" CMP OUT NE

MODEL: D:\p\1140-22_64G68\CADD\Highway\CADD_Sheet\054668-4668-4668-4668.dgn



USER NAME = IRC	DESIGNED - ELH	REVISED -
ESCA PROJECT NO. 1140.22	DRAWN - SKM/NHC	REVISED -
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PLOT DATE = 8/4/2022	DATE - 07/22	REVISED -

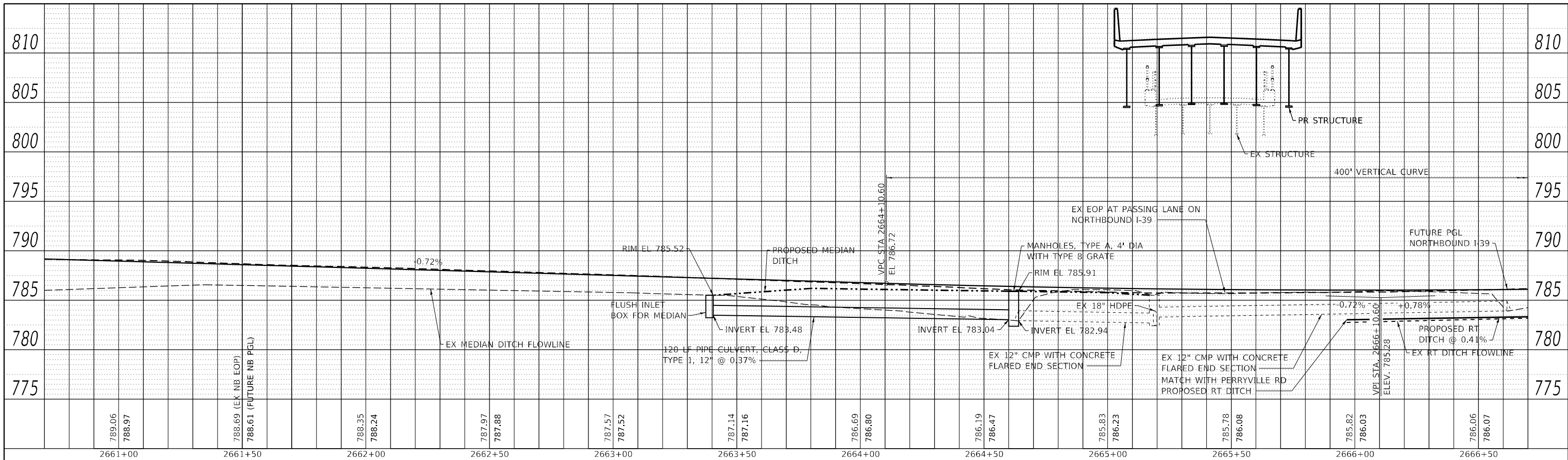
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED I-39 PLAN

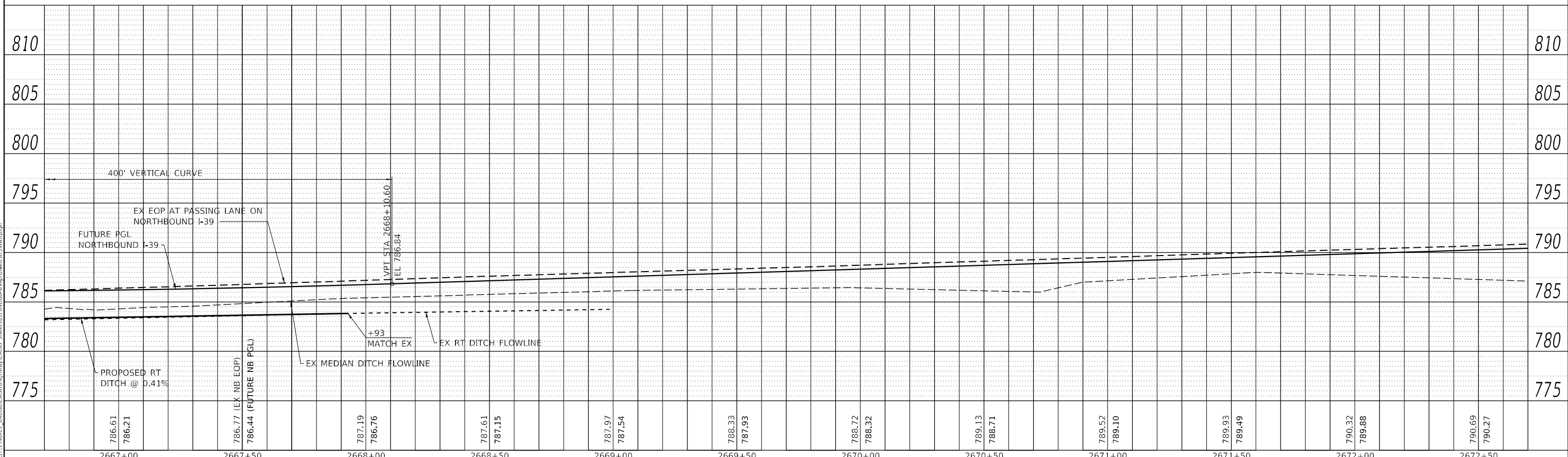
SCALE: AS SHOWN SHEET NO. 1 OF 1 SHEETS STA. 2658+00 TO STA. 2673+76

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	44
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

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



PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADUS CHECKED	
	NOTE BOOK	
	NO.	
	STRUCTURE NOTATIONS CHECKED	



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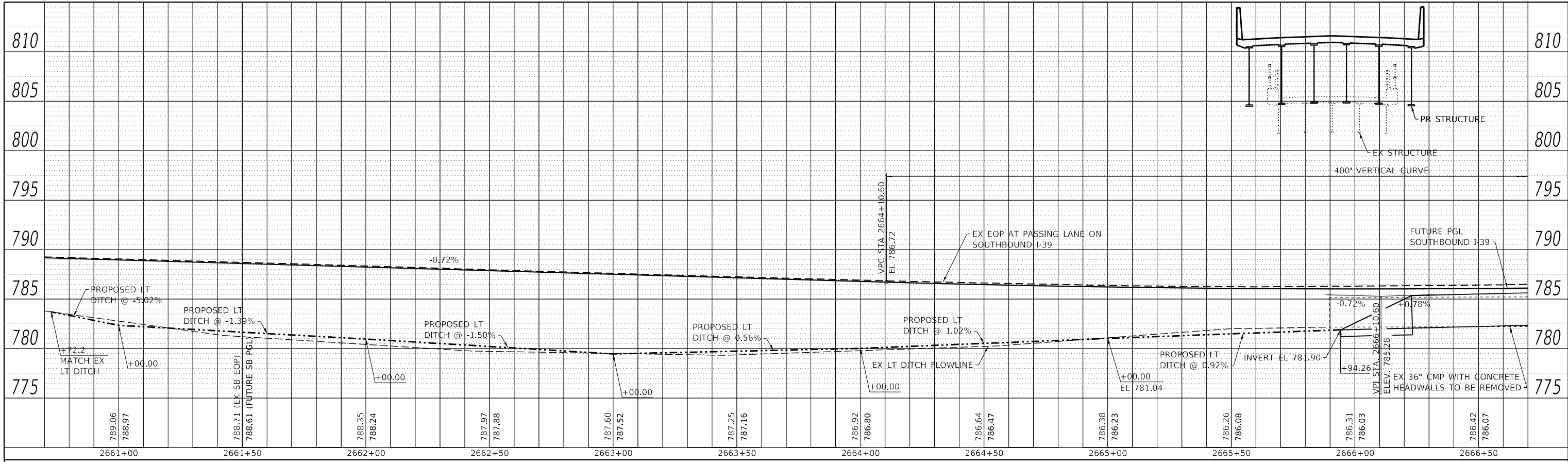
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

I-39 PROFILE

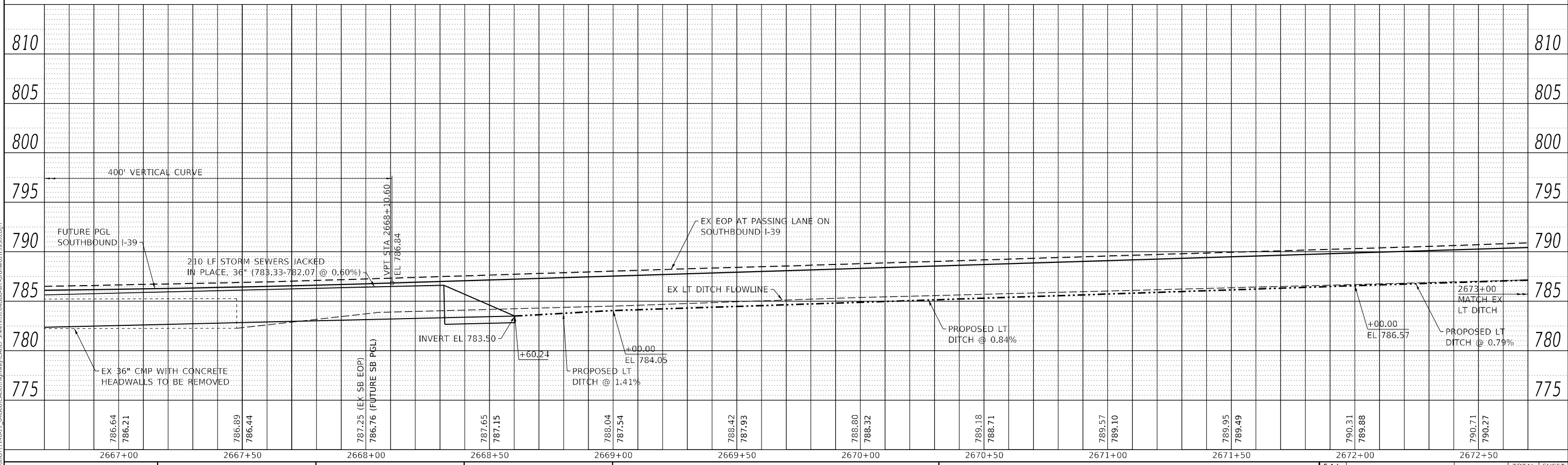
SCALE: AS SHOWN | SHEET NO. 1 OF 2 SHEETS | STA. 2660+70 TO STA. 2672+70

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	45
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

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



PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	NOTE BOOK	
	NO.	
	STRUCTURE NOTATION	



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ESCA PROJECT NO. 1140,22
PLOT SCALE = 40,0000' / in.
PLOT DATE = 8/4/2022

DESIGNED - SKM
DRAWN - SKM/NHC/IRC
CHECKED - ELH
DATE - 07/22

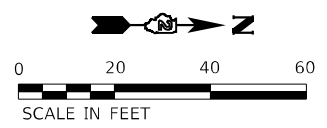
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REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

I-39 PROFILE

SCALE: AS SHOWN SHEET NO. 2 OF 2 SHEETS STA. 2660+70 TO STA. 2672+70

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HR-3	WINNEBAGO	158	46
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

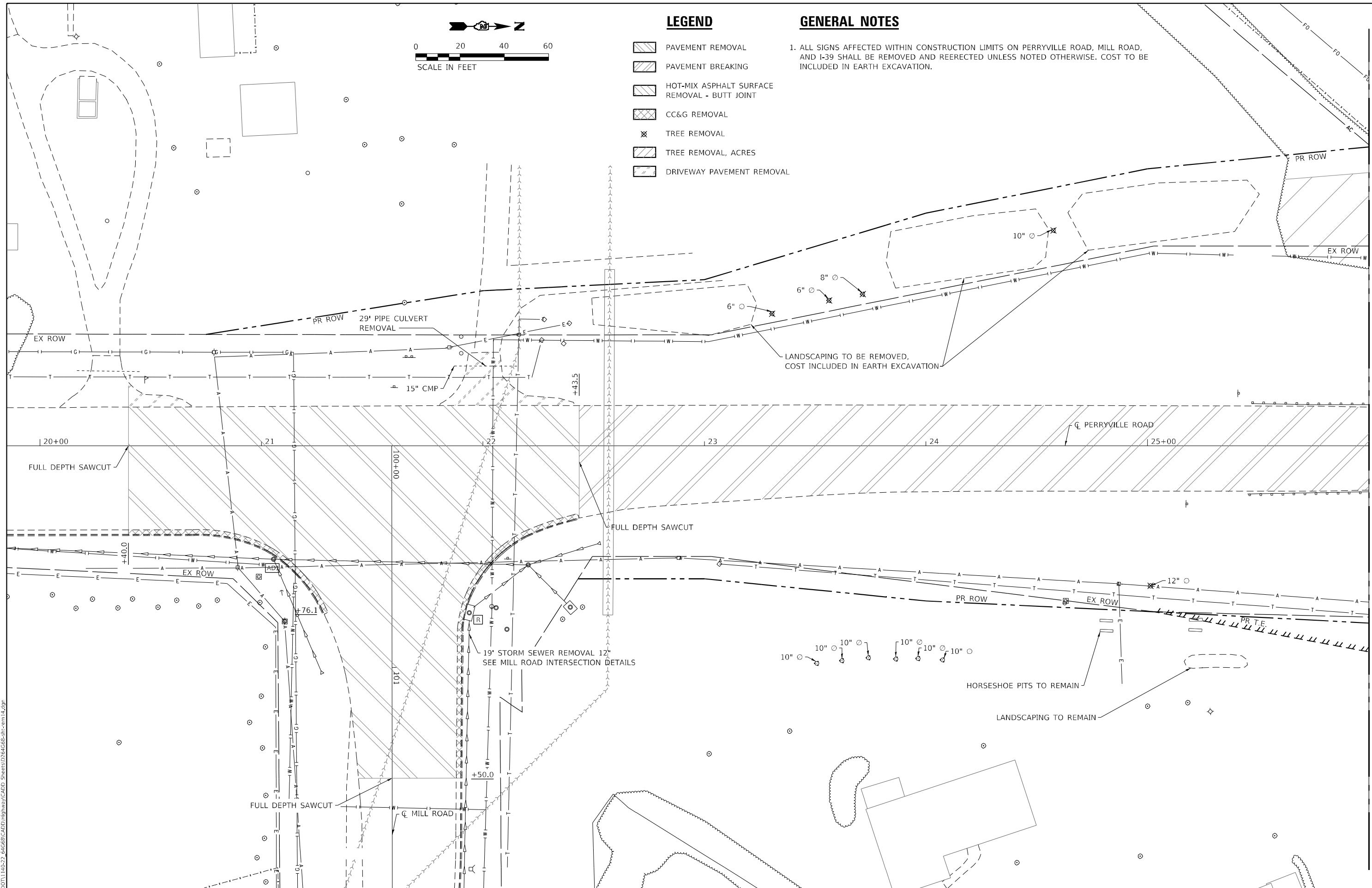


LEGEND

- PAVEMENT REMOVAL
- PAVEMENT BREAKING
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- CC&G REMOVAL
- TREE REMOVAL
- TREE REMOVAL, ACRES
- DRIVEWAY PAVEMENT REMOVAL

GENERAL NOTES

1. ALL SIGNS AFFECTED WITHIN CONSTRUCTION LIMITS ON PERRYVILLE ROAD, MILL ROAD, AND I-39 SHALL BE REMOVED AND REERECTED UNLESS NOTED OTHERWISE. COST TO BE INCLUDED IN EARTH EXCAVATION.



MATCH LINE STA 26+00
SEE SHEET 48 FOR CONT.

MODEL: D:\p\1140-22_64G68\CADD\Highway\CADD Sheets\054668-htc-rem14.dgn
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USER NAME = IRC
ESCA PROJECT NO. 1140.22
PLOT SCALE = 40,0000 * / in.
PLOT DATE = 8/4/2022

DESIGNED - KJK
DRAWN - KJK/NHC
CHECKED - ELH
DATE - 07/22

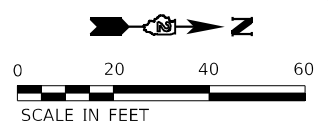
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REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN

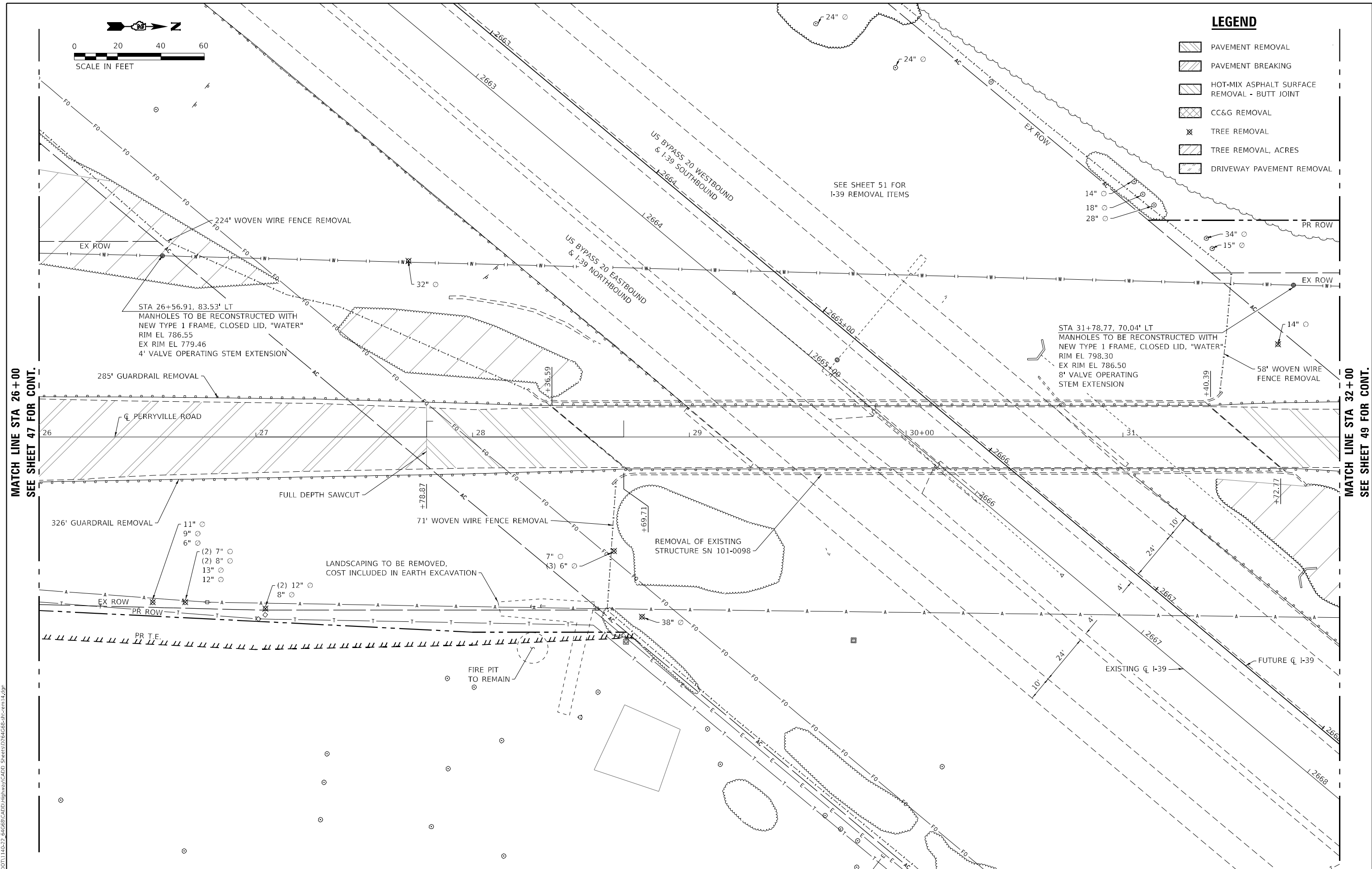
SCALE: 1"=20' SHEET NO. 1 OF 5 SHEETS STA. 20+00 TO STA. 26+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HR-3	WINNEBAGO	158	47
			CONTRACT NO. 64G68	
ILLINOIS FED. AID PROJECT				



LEGEND

- PAVEMENT REMOVAL
- PAVEMENT BREAKING
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- CC&G REMOVAL
- TREE REMOVAL
- TREE REMOVAL, ACRES
- DRIVEWAY PAVEMENT REMOVAL



MATCH LINE STA 26+00
SEE SHEET 47 FOR CONT.

MATCH LINE STA 32+00
SEE SHEET 49 FOR CONT.

MODEL: D:\p\h\...
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USER NAME = nhc
ESCA PROJECT NO. 1140-22
PLOT SCALE = 40,0000 * / in.
PLOT DATE = 10/10/2022

DESIGNED - KJK
DRAWN - KJK/NHC
CHECKED - ELH
DATE - 10/22

REVISED -
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REVISED -
REVISED -








**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

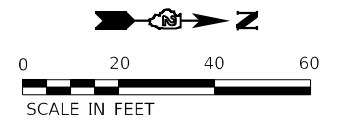
REMOVAL PLAN

SCALE: 1"=20' SHEET NO. 2 OF 5 SHEETS STA. 26+00 TO STA. 32+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HR-3	WINNEBAGO	158	48
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

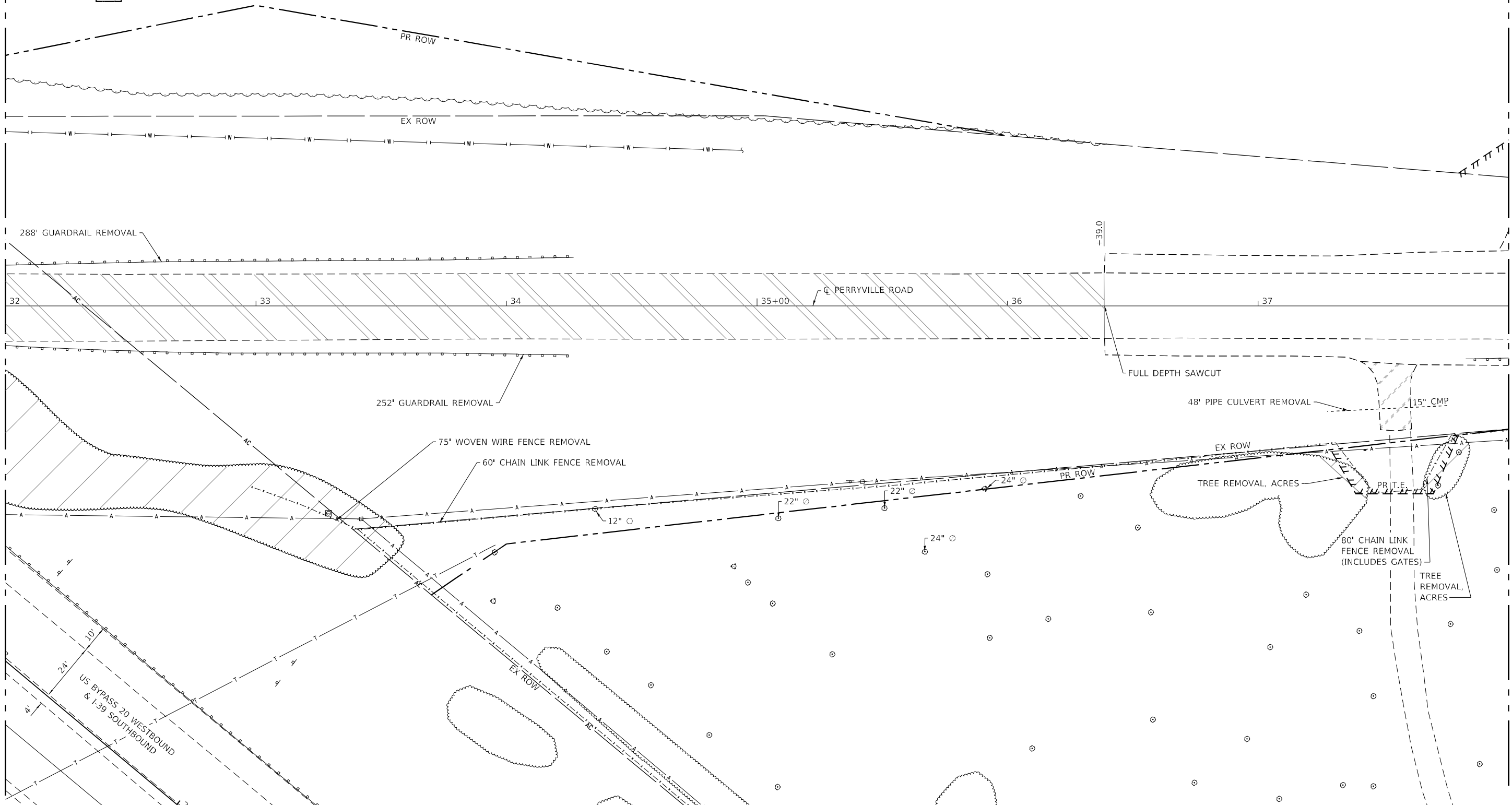
LEGEND

-  PAVEMENT REMOVAL
-  PAVEMENT BREAKING
-  HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
-  CC&G REMOVAL
-  TREE REMOVAL
-  TREE REMOVAL, ACRES
-  DRIVEWAY PAVEMENT REMOVAL



MATCH LINE STA 32+00
SEE SHEET 48 FOR CONT.

MATCH LINE STA 38+00
SEE SHEET 50 FOR CONT.



MODEL: D:\p\h\...
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USER NAME = IRC
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PLOT DATE = 8/4/2022

DESIGNED - KJK
DRAWN - KJK/NHC
CHECKED - ELH
DATE - 07/22

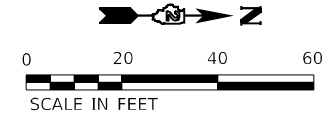
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REVISED -
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REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN

SCALE: 1"=20' SHEET NO. 3 OF 5 SHEETS STA. 32+00 TO STA. 38+00

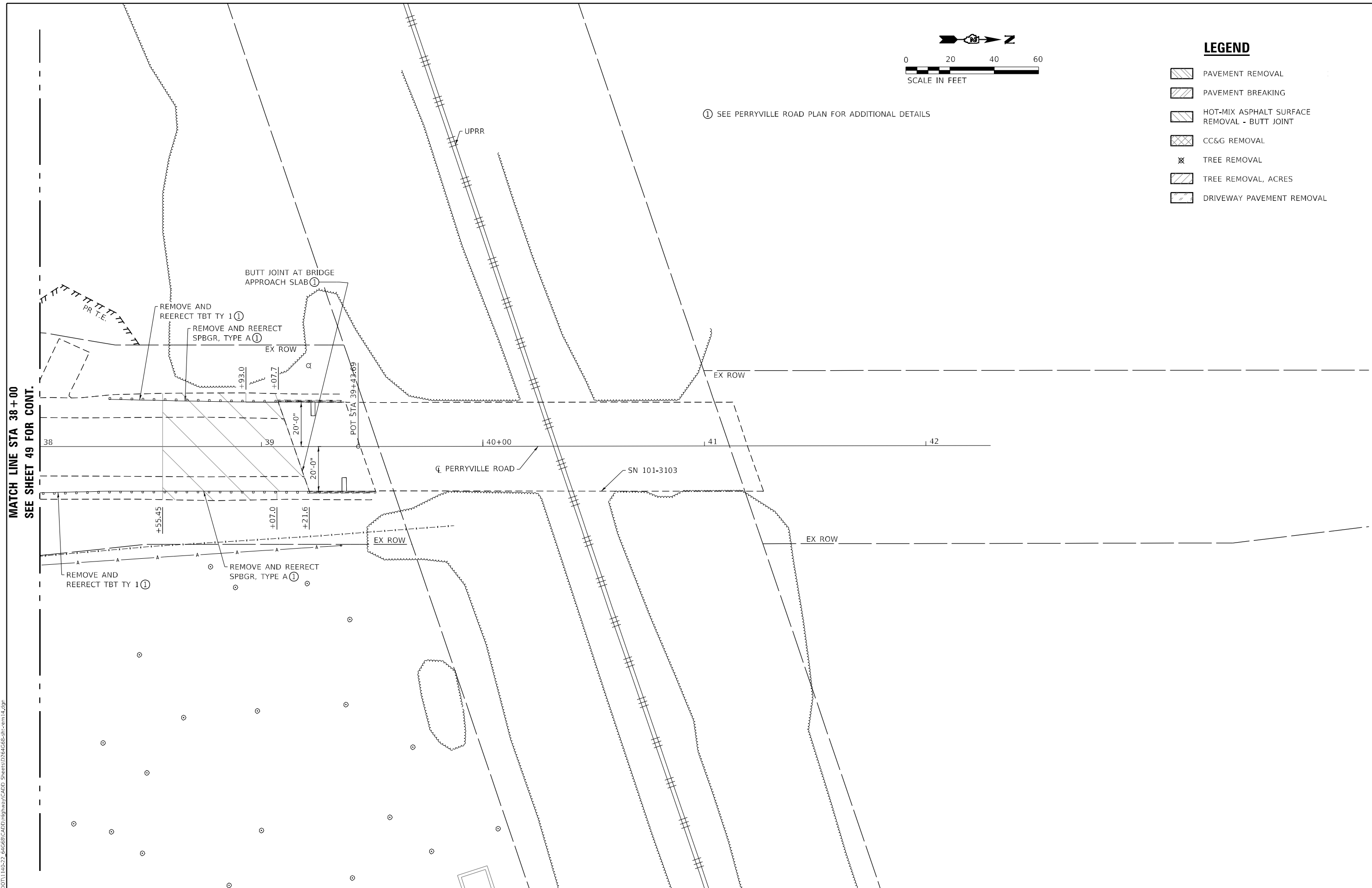
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HR-3	WINNEBAGO	158	49
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				



LEGEND

- PAVEMENT REMOVAL
- PAVEMENT BREAKING
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- CC&G REMOVAL
- TREE REMOVAL
- TREE REMOVAL, ACRES
- DRIVEWAY PAVEMENT REMOVAL

① SEE PERRYVILLE ROAD PLAN FOR ADDITIONAL DETAILS



MATCH LINE STA 38+00
SEE SHEET 49 FOR CONT.

MODEL: D:\p1\1140_22_64G68\CADD\Highway\CADD Sheets\054668-hc-rem14.dgn
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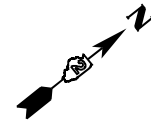


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ESCA PROJECT NO. 1140.22	DRAWN - KJK/NHC	REVISED -
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PLOT DATE = 8/4/2022	DATE - 04/22	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN	
SCALE: 1"=20'	SHEET NO. 4 OF 5 SHEETS
STA. 38+00	TO STA. 42+29

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	50
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

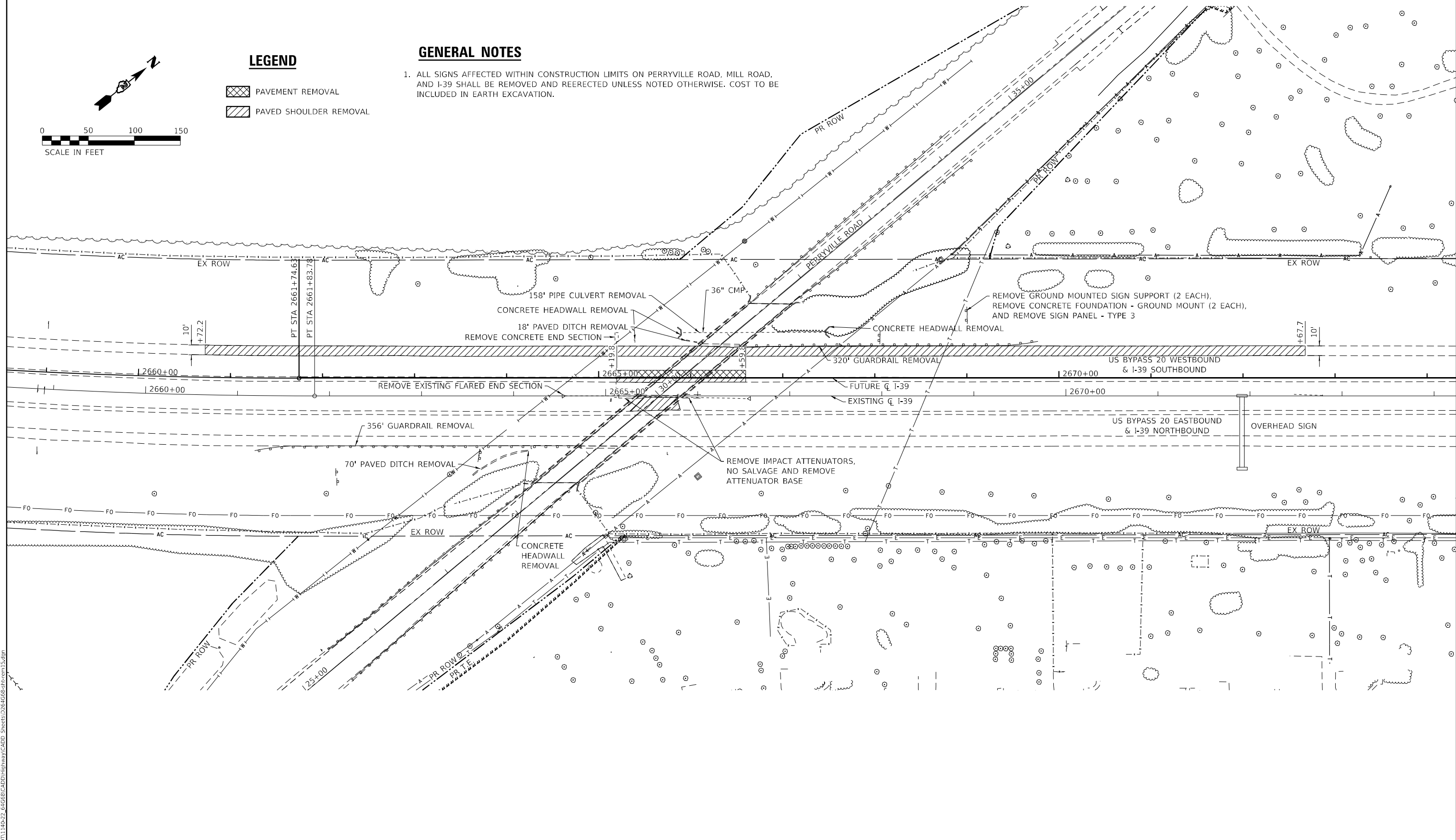


LEGEND

- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL

GENERAL NOTES

1. ALL SIGNS AFFECTED WITHIN CONSTRUCTION LIMITS ON PERRYVILLE ROAD, MILL ROAD, AND I-39 SHALL BE REMOVED AND REERECTED UNLESS NOTED OTHERWISE. COST TO BE INCLUDED IN EARTH EXCAVATION.



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 PLOT DATE = 8/4/2022

DESIGNED - SKM
 DRAWN - SKM/NHC
 CHECKED - ELH
 DATE - 07/22

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN

SCALE: 1"=50' SHEET NO. 5 OF 5 SHEETS STA. 2658+56 TO STA. 2674+32

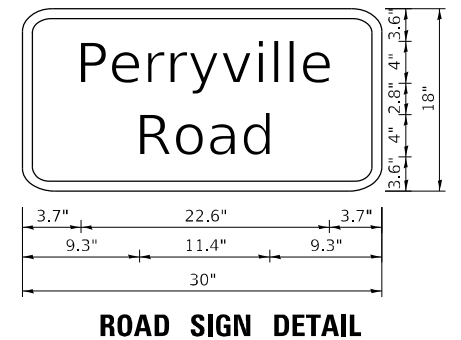
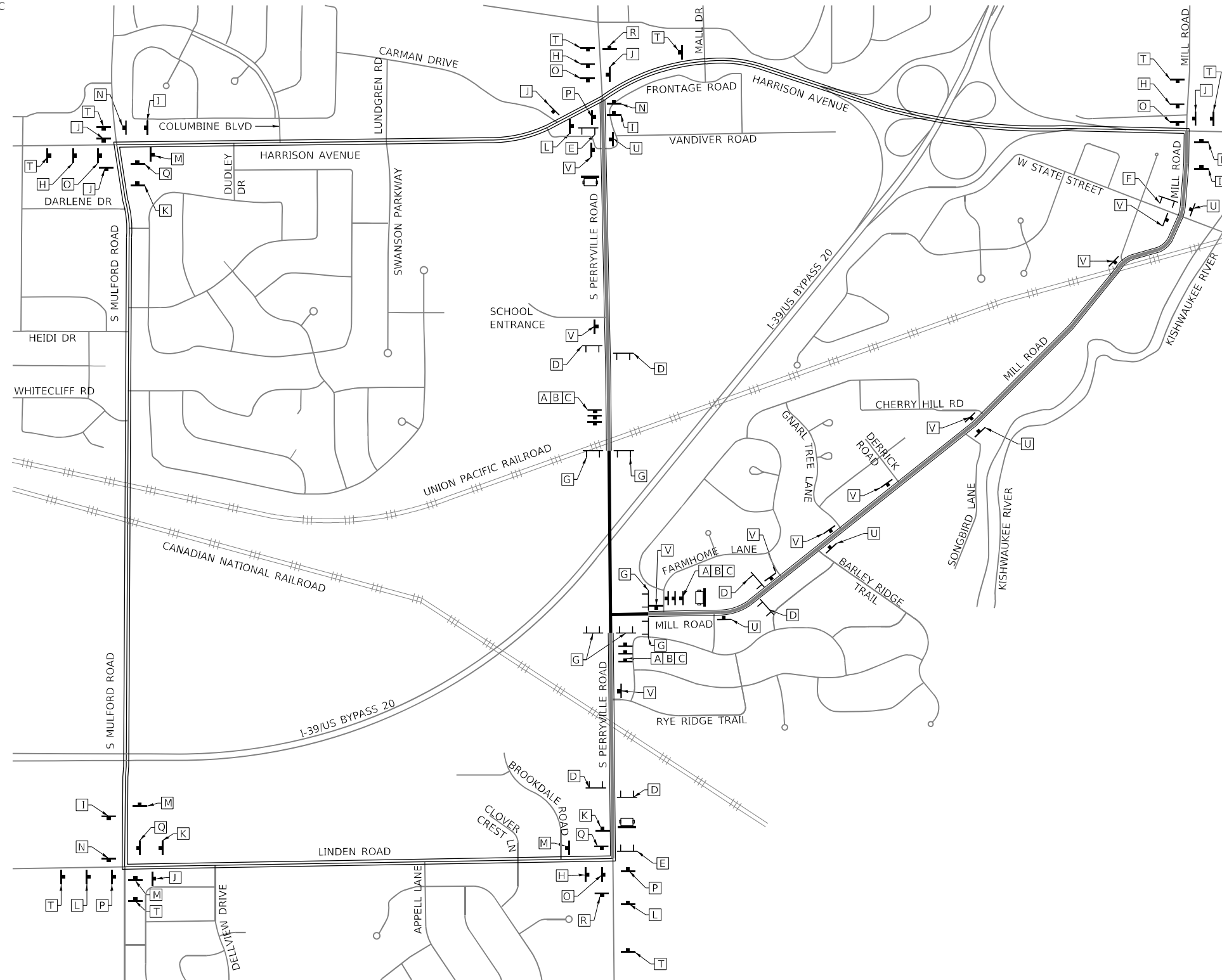
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	51
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

NOTES

1. ALL TRAFFIC CONTROL DEVICES SHALL BE FURNISHED, ERECTED, MAINTAINED, AND REMOVED BY THE CONTRACTOR.
2. ALL SIGNS NOT ATTACHED TO BARRICADES SHALL BE POST MOUNTED.
3. LOCATIONS OF THE TRAFFIC CONTROL DEVICES MAY BE ADJUSTED BY THE ENGINEER.
4. SEE DISTRICT 2 STANDARD 40.1 AND HIGHWAY STANDARD 701901 FOR ADDITIONAL DETAILS.
5. ALL TRAFFIC CONTROL SHOWN ON THIS SHEET SHALL BE INCLUDED IN THE LUMP SUM AMOUNT FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
6. CHANGEABLE MESSAGE SIGNS SHALL BE PLACED TWO WEEKS PRIOR TO CLOSURE AND REMOVED ONCE DETOUR IS IN PLACE.

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE WITH FLASHING LIGHTS
- CHANGEABLE MESSAGE SIGN
- DETOUR ROUTE
- ROAD CLOSURE OPEN TO LOCAL TRAFFIC ONLY
- PROJECT LIMITS



MODEL_PLOT
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ESCA PROJECT NO. 1140.22
PLOT SCALE = 0.1667' / in.
PLOT DATE = 8/4/2022

DESIGNED - KJK/ELH
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CHECKED - ELH
DATE - 04/22

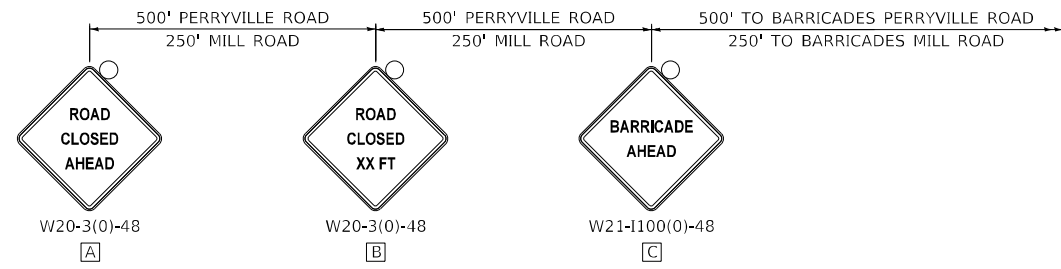
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

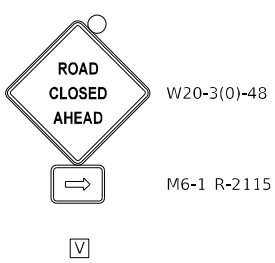
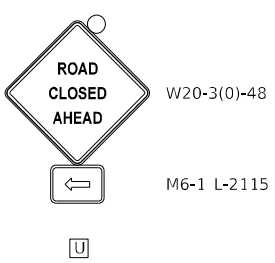
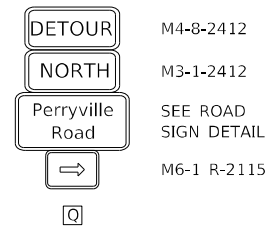
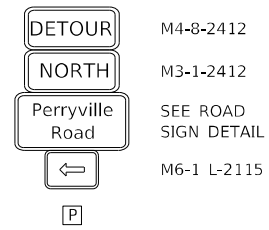
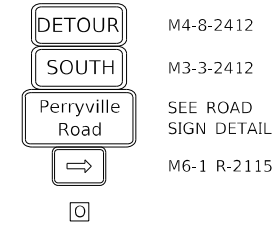
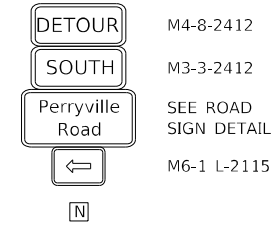
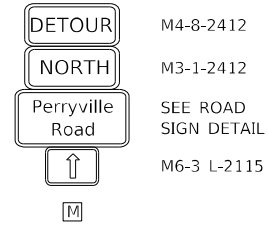
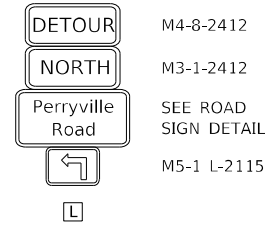
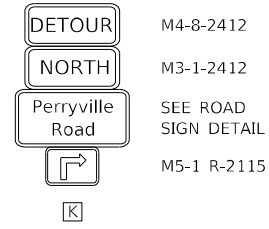
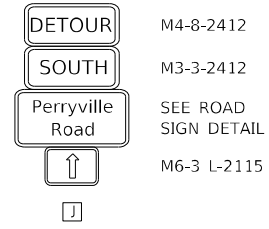
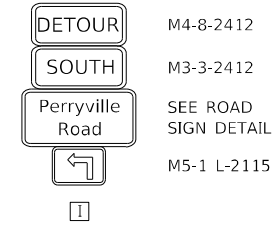
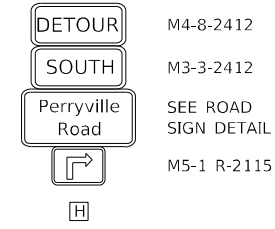
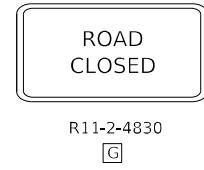
**TRAFFIC CONTROL
PERRYVILLE ROAD CLOSURE**

SCALE: NONE SHEET NO. 1 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	52
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				



SET UP BARRICADE FOR SIGN D AS SHOWN IN "ROAD CLOSED TO THRU TRAFFIC BARRICADE SET UP" IN DISTRICT 2 STANDARD 40.1



MODEL PLOT FILE NAME: Y:\DOT\1140-22_64G68\CADD\Highway\CADD Sheets\0264G68-sh-csca\868.dwg



USER NAME = IRC	DESIGNED - KJK	REVISED -
ESCA PROJECT NO. 1140.22	DRAWN - KJK	REVISED -
PLOT SCALE = 0.1667' / in.	CHECKED - ELH	REVISED -
PLOT DATE = 8/4/2022	DATE - 06/19	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
PERRYVILLE ROAD CLOSURE

SCALE: NONE SHEET NO. 2 OF 6 SHEETS STA. TO STA.

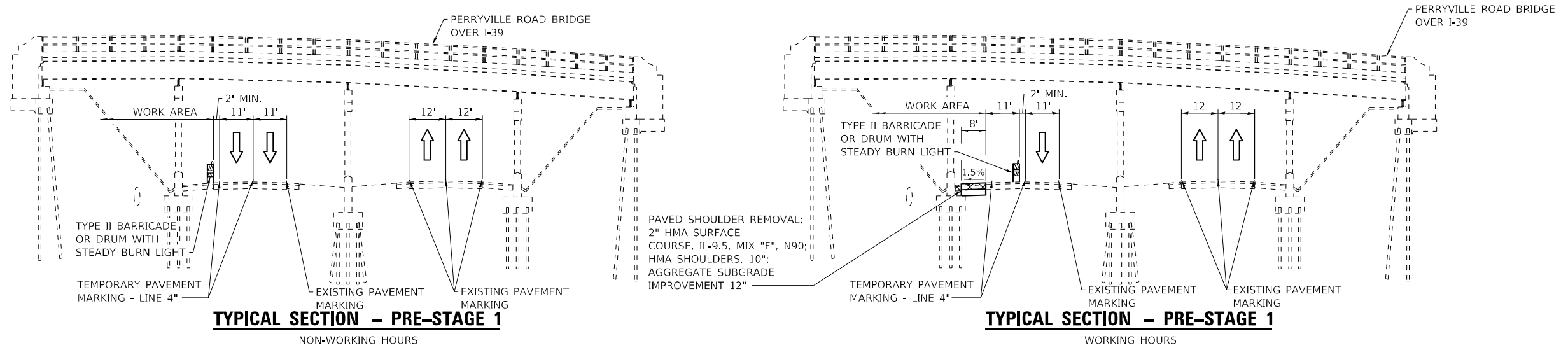
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	53
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

PRE-STAGE 1 WORK RESTRICTIONS

1. ONLY OFF-PEAK LANE CLOSURES WILL BE ALLOWED (7:00 PM TO 5:00 AM MONDAY TO FRIDAY).
2. NO LANE CLOSURES ARE ALLOWED FROM 5:00 AM FRIDAY TO 7:00 PM MONDAY.
3. PROPOSED AGGREGATE SUBGRADE IMPROVEMENT SHALL BE IN PLACE SAME DAY AS REMOVAL.
4. NO DROP-OFFS GREATER THAN 12" WILL BE ALLOWED.

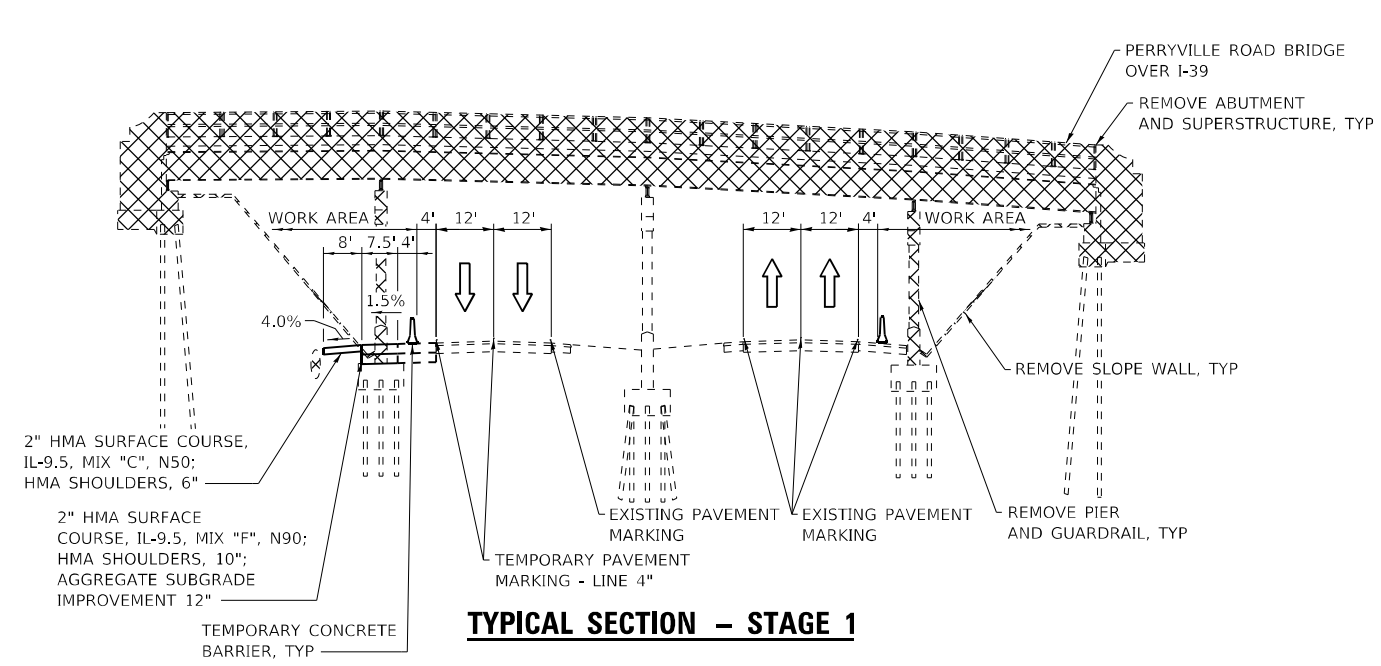
STAGE 1 & 2 WORK RESTRICTIONS

1. ONLY OFF-PEAK LANE CLOSURES WILL BE ALLOWED (7:00 PM TO 5:00 AM MONDAY TO FRIDAY).
2. NO LANE CLOSURES ARE ALLOWED FROM 5:00 AM FRIDAY TO 7:00 PM MONDAY.
3. TEMPORARY CONCRETE BARRIER WILL NEED TO BE PLACED USING TRAFFIC CONTROL AND PROTECTION STANDARD 701401 DURING NIGHTTIME LANE CLOSURE.
4. PROPOSED AGGREGATE SUBGRADE IMPROVEMENT SHALL BE IN PLACE SAME DAY AS REMOVAL.
5. NO DROP-OFFS GREATER THAN 12" WILL BE ALLOWED.

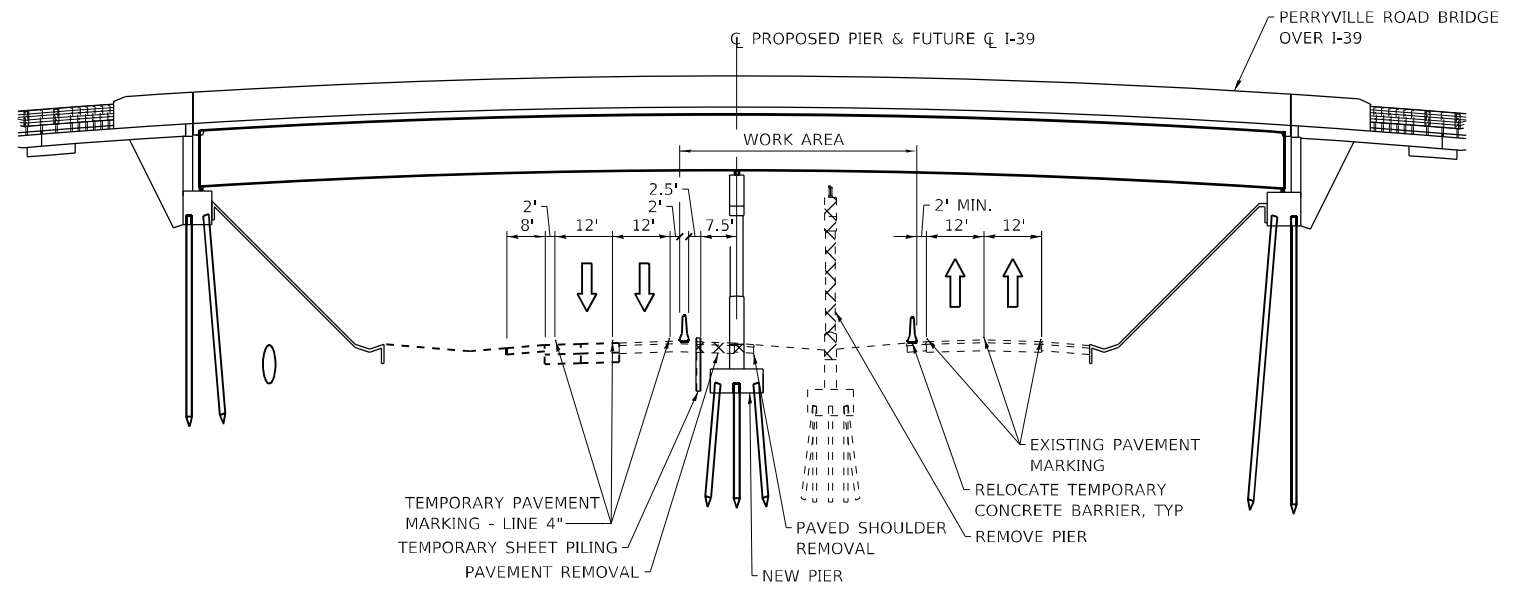


TYPICAL SECTION – PRE-STAGE 1
NON-WORKING HOURS

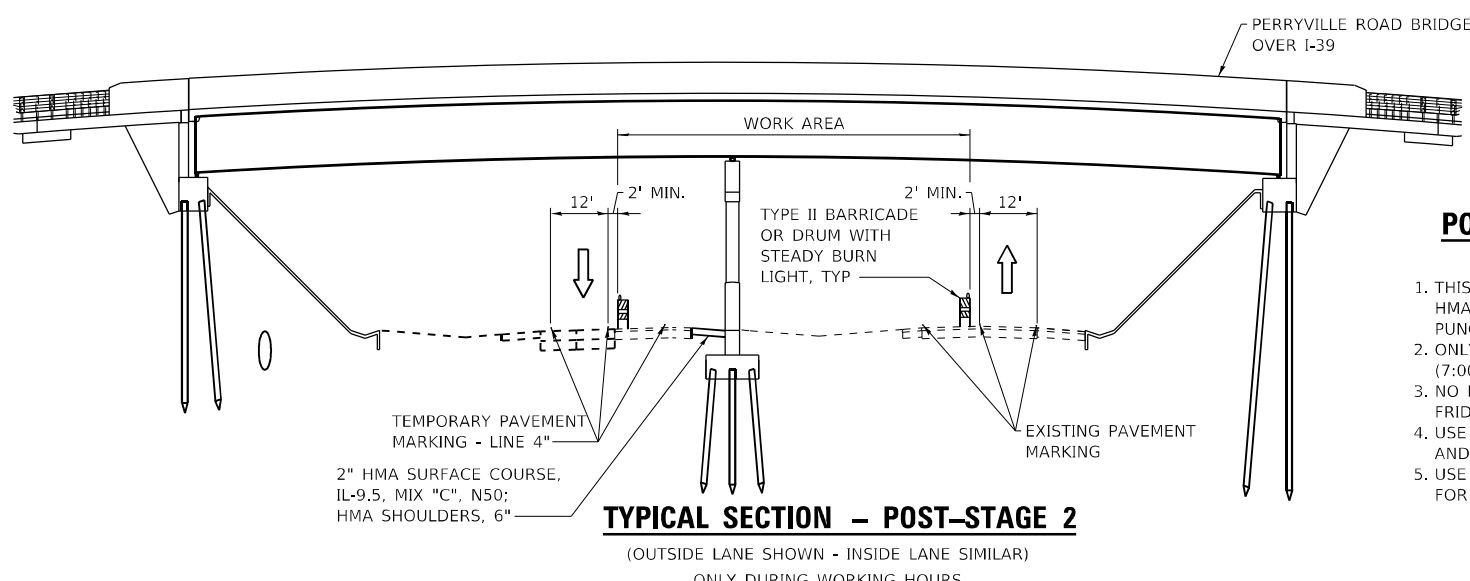
TYPICAL SECTION – PRE-STAGE 1
WORKING HOURS



TYPICAL SECTION – STAGE 1



TYPICAL SECTION – STAGE 2



TYPICAL SECTION – POST-STAGE 2
(OUTSIDE LANE SHOWN - INSIDE LANE SIMILAR)
ONLY DURING WORKING HOURS

POST-STAGE 2 WORK RESTRICTIONS

1. THIS WORK WILL INCLUDE FINAL BRIDGE PAINTING TOUCHUPS, HMA SHOULDERS AT I-39 SBL MEDIAN, AND OTHER PUNCHLIST ITEMS REQUIRING A LANE CLOSURE.
2. ONLY OFF-PEAK LANE CLOSURES WILL BE ALLOWED (7:00 PM TO 5:00 AM MONDAY TO FRIDAY).
3. NO LANE CLOSURES ARE ALLOWED FROM 5:00 AM FRIDAY TO 7:00 PM MONDAY.
4. USE TRAFFIC CONTROL AND PROTECTION STANDARDS 701400, 701401, AND 701426 WITH TMA TRUCKS FOR LANE CLOSURES.
5. USE TRAFFIC CONTROL AND PROTECTION STANDARD 701101 FOR ALL OTHER OFF-ROAD WORK DURING THIS STAGE.

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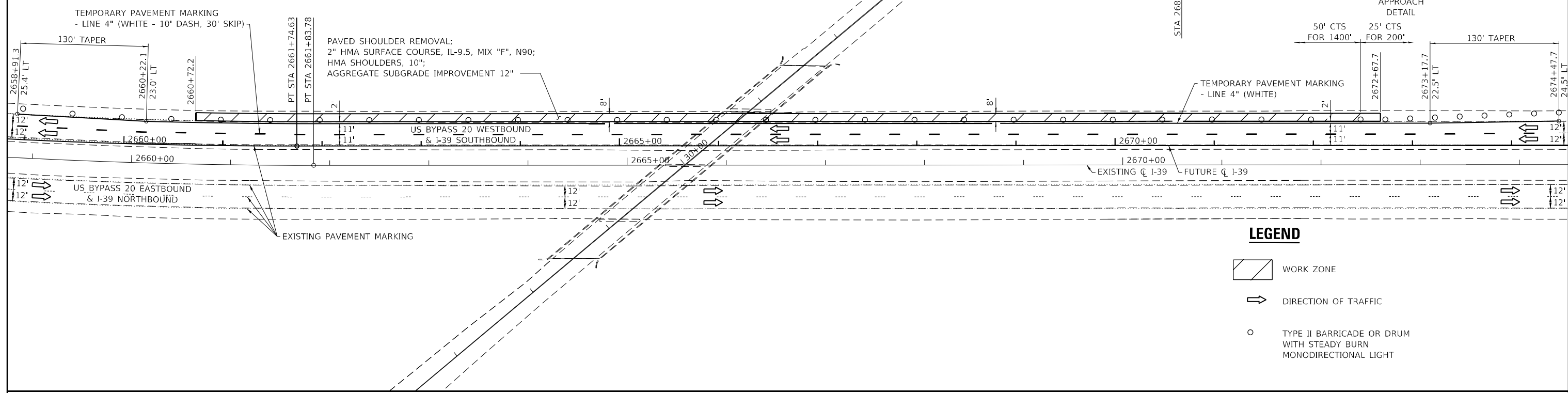
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL
TYPICAL SECTIONS – I-39**

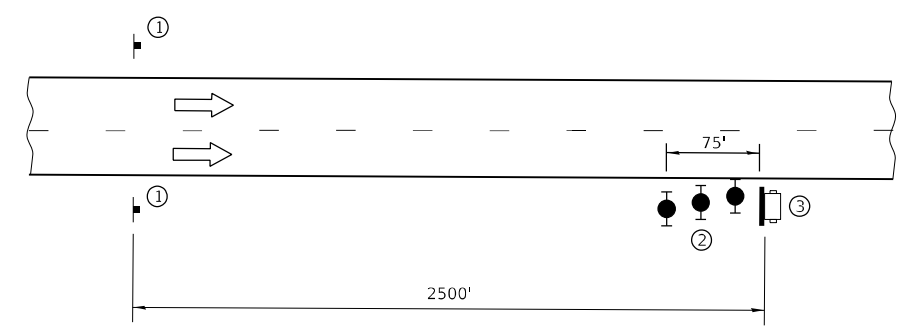
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	54
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				



LEGEND

- WORK ZONE
- DIRECTION OF TRAFFIC
- TYPE II BARRICADE OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT



LEGEND

- PORTABLE CHANGEABLE MESSAGE SIGN
- SIGN
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH MONODIRECTIONAL FLASHING LIGHT

GENERAL NOTES

1. STATIONING AND OFFSETS CALLED OUT ON THIS SHEET REFER TO THE FUTURE CL I-39 ALIGNMENT.
2. USE TRAFFIC CONTROL AND PROTECTION STANDARD 701428 FOR SETUP.
3. COORDINATE LOCATION OF SIGNS WITH FINAL WORK AS DIRECTED BY THE ENGINEER.
4. ONE TYPE A LOW INTENSITY FLASHING LIGHT SHALL BE INSTALLED ABOVE EACH OF THE ROAD CONSTRUCTION AHEAD WARNING SIGNS.
5. ALL TRAFFIC CONTROL DEVICES SHOWN SHALL BE FURNISHED, ERECTED, MAINTAINED, & REMOVED BY THE CONTRACTOR.
6. REMOVE THE REFLECTORS FROM THE EXISTING RAISED REFLECTIVE PAVEMENT MARKERS WITHIN THE LANE NARROWING AND TRANSITION LIMITS IN THE SOUTHBOUND LANES. PAID FOR AS RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL.
7. THE COST FOR TRAFFIC CONTROL AND PAVEMENT MARKING SHOWN ON THIS SHEET WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN TRAFFIC CONTROL & PROTECTION, (SPECIAL).

APPROACH DETAIL

- ① THE ROAD CONSTRUCTION AHEAD SIGN SHALL BE LOCATED 3 TO 5 MILES IN ADVANCE OF THE PROJECT LIMITS.
- ② THREE TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES AT 25' CENTERS.
- ③ THE MESSAGE BOARD SHALL BE USED TO DISPLAY STATUS OF LANES WITHIN THE PROJECT. THE PRIMARY MESSAGES SHALL BE:
I-39 SOUTHBOUND = "ROAD NARROWS" / "X MILES AHEAD" / "ALL LANES OPEN"

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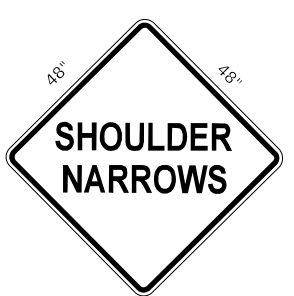
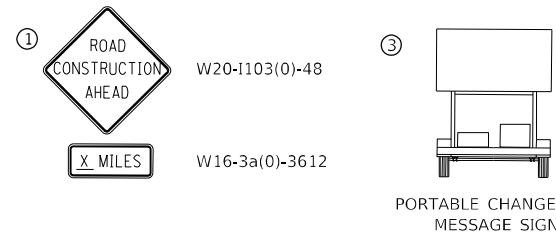
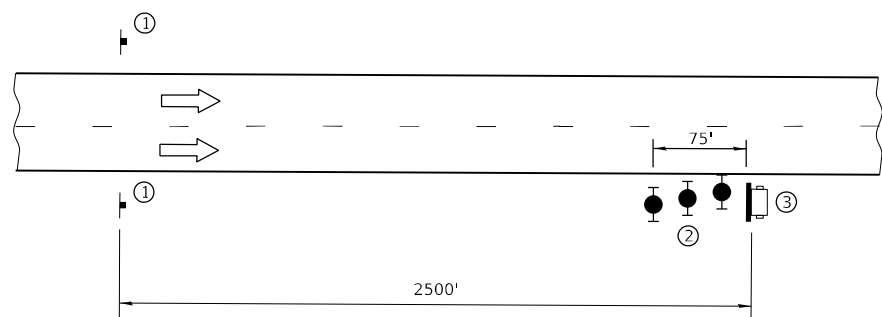
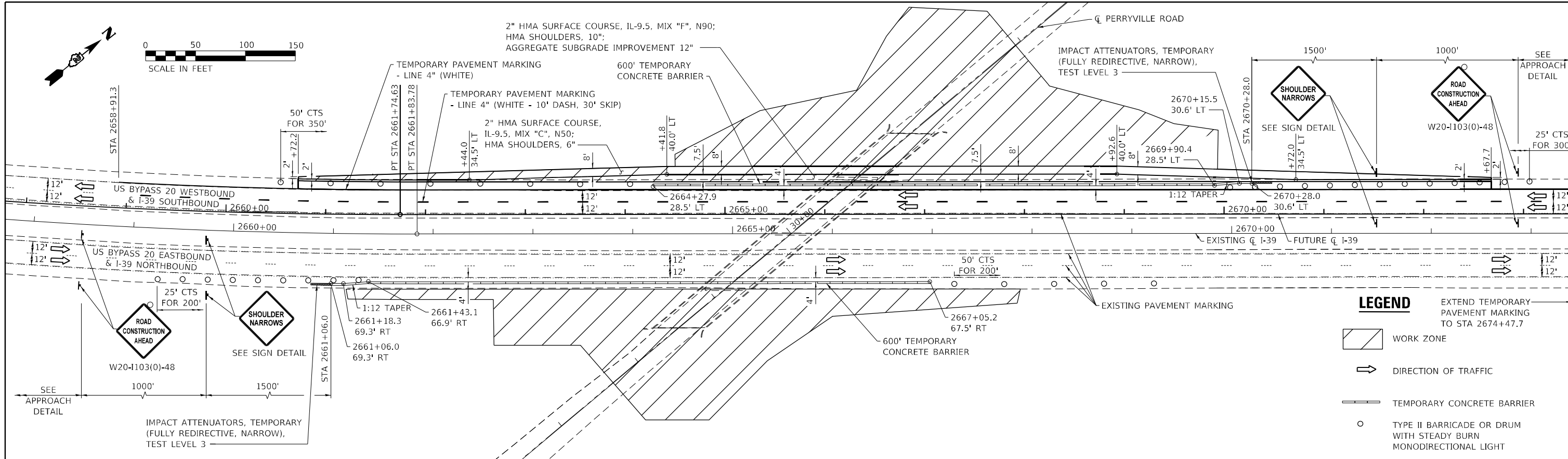
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CHECKED - ELH	REVISED -
DATE - 07/22	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL
PRE-STAGE 1 - I-39**

SCALE: 1"=50' SHEET NO. 4 OF 6 SHEETS STA. 2658+82 TO STA. 2674+57

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	55
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				



LEGEND

- PORTABLE CHANGEABLE MESSAGE SIGN
- SIGN
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH MONODIRECTIONAL FLASHING LIGHT

GENERAL NOTES

- STATIONING AND OFFSETS CALLED OUT ON THIS SHEET REFER TO THE FUTURE CL I-39 ALIGNMENT.
- OFFSETS FOR TEMPORARY CONCRETE BARRIER ARE TO THE MEDIAN EDGE OF THE BARRIER.
- USE TRAFFIC CONTROL AND PROTECTION STANDARD 701428 FOR SETUP.
- COORDINATE LOCATION OF SIGNS WITH FINAL WORK AS DIRECTED BY THE ENGINEER.
- ONE TYPE A LOW INTENSITY FLASHING LIGHT SHALL BE INSTALLED ABOVE EACH OF THE ROAD CONSTRUCTION AHEAD WARNING SIGNS.
- ALL TRAFFIC CONTROL DEVICES SHOWN SHALL BE FURNISHED, ERECTED, MAINTAINED, & REMOVED BY THE CONTRACTOR.
- REPLACE THE REFLECTORS IN THE EXISTING RAISED REFLECTIVE PAVEMENT MARKERS IN THE SOUTHBOUND LANES. PAID FOR AS REPLACEMENT REFLECTOR.
- THE COST FOR TRAFFIC CONTROL AND PAVEMENT MARKING SHOWN ON THIS SHEET WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN TRAFFIC CONTROL & PROTECTION, (SPECIAL). TEMPORARY CONCRETE BARRIER AND IMPACT ATTENUATORS WILL BE PAID FOR SEPARATELY.
- ATTENUATOR BASES, WHEN REQUIRED BY THE MANUFACTURER, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCLUDED IN THE COST OF THE TEMPORARY IMPACT ATTENUATORS.

APPROACH DETAIL

- THE ROAD CONSTRUCTION AHEAD SIGN SHALL BE LOCATED 3 TO 5 MILES IN ADVANCE OF THE PROJECT LIMITS.
- THREE TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES AT 25' CENTERS.
- THE MESSAGE BOARD SHALL BE USED TO DISPLAY STATUS OF LANES WITHIN THE PROJECT. THE PRIMARY MESSAGES SHALL BE:
I-39 NORTHBOUND = "SHOULDER NARROWS" / "X MILES AHEAD" / "ALL LANES OPEN"
I-39 SOUTHBOUND = "SHOULDER NARROWS" / "X MILES AHEAD" / "ALL LANES OPEN"

SIGN DETAIL

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
STAGE 1 - I-39

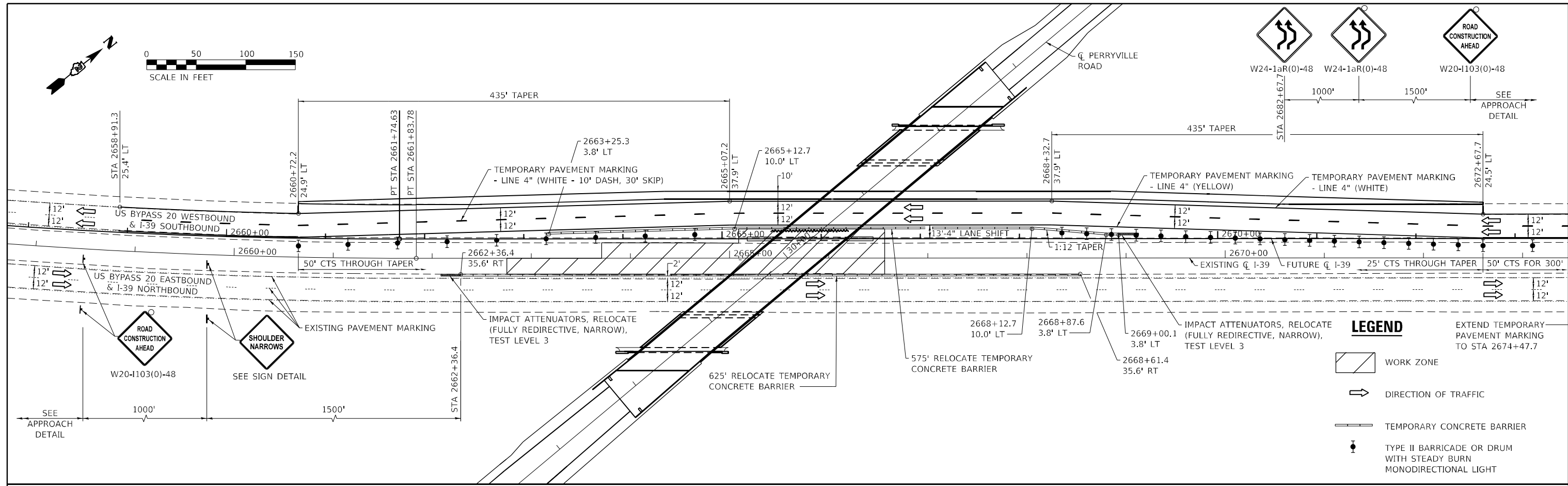
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	56
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

SCALE: 1"=50' SHEET NO. 5 OF 6 SHEETS STA. 2657+79 TO STA. 2673+54

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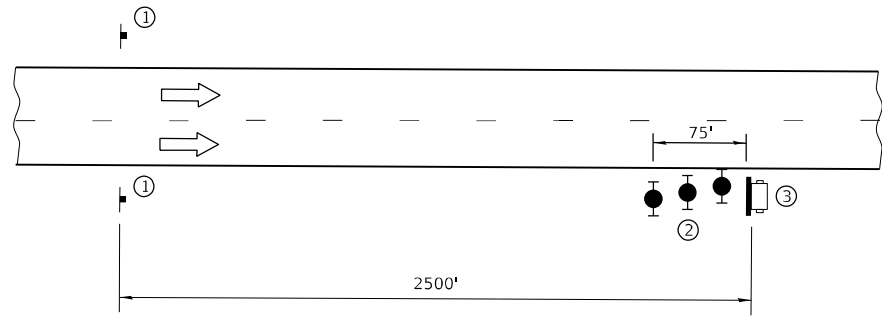


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PLOT DATE = 8/4/2022	DATE - 07/22	REVISED -



LEGEND

- WORK ZONE
- DIRECTION OF TRAFFIC
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADE OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
- EXTEND TEMPORARY PAVEMENT MARKING TO STA 2674+47.7

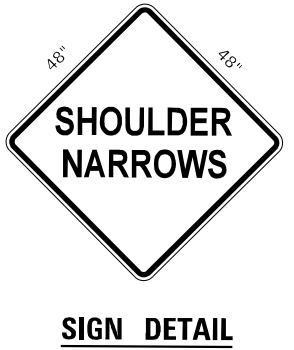


APPROACH DETAIL

- ① ROAD CONSTRUCTION AHEAD W20-1103(0)-48
- X MILES W16-3a(0)-3612
- ③ PORTABLE CHANGEABLE MESSAGE SIGN

LEGEND

- PORTABLE CHANGEABLE MESSAGE SIGN
- SIGN
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH MONODIRECTIONAL FLASHING LIGHT



GENERAL NOTES

- STATIONING AND OFFSETS CALLED OUT ON THIS SHEET REFER TO THE FUTURE I-39 ALIGNMENT.
- OFFSETS FOR TEMPORARY CONCRETE BARRIER ARE TO THE MEDIAN EDGE OF THE BARRIER.
- USE TRAFFIC CONTROL AND PROTECTION STANDARD 701428 FOR SETUP.
- PERMANENT IMPACT ATTENUATORS MUST BE INSTALLED AT PIER PRIOR TO COMPLETION OF STAGE 2.
- COORDINATE LOCATION OF SIGNS WITH FINAL WORK AS DIRECTED BY THE ENGINEER.
- ONE TYPE A LOW INTENSITY FLASHING LIGHT SHALL BE INSTALLED ABOVE EACH OF THE ROAD CONSTRUCTION AHEAD WARNING SIGNS.
- ALL TRAFFIC CONTROL DEVICES SHOWN SHALL BE FURNISHED, ERECTED, MAINTAINED, & REMOVED BY THE CONTRACTOR.
- THE COST FOR TRAFFIC CONTROL AND PAVEMENT MARKING SHOWN ON THIS SHEET WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN TRAFFIC CONTROL & PROTECTION, (SPECIAL). TEMPORARY CONCRETE BARRIER AND IMPACT ATTENUATORS WILL BE PAID FOR SEPARATELY.
- ATTENUATOR BASES, WHEN REQUIRED BY THE MANUFACTURER, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCLUDED IN THE COST OF THE TEMPORARY IMPACT ATTENUATORS.

- ① THE ROAD CONSTRUCTION AHEAD SIGN SHALL BE LOCATED 3 TO 5 MILES IN ADVANCE OF THE PROJECT LIMITS.
- ② THREE TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES AT 25' CENTERS.
- ③ THE MESSAGE BOARD SHALL BE USED TO DISPLAY STATUS OF LANES WITHIN THE PROJECT. THE PRIMARY MESSAGES SHALL BE:
 I-39 NORTHBOUND = "SHOULDER NARROWS" / "X MILES AHEAD" / "ALL LANES OPEN"
 I-39 SOUTHBOUND = "LANES SHIFT" / "X MILES AHEAD" / "ALL LANES OPEN"

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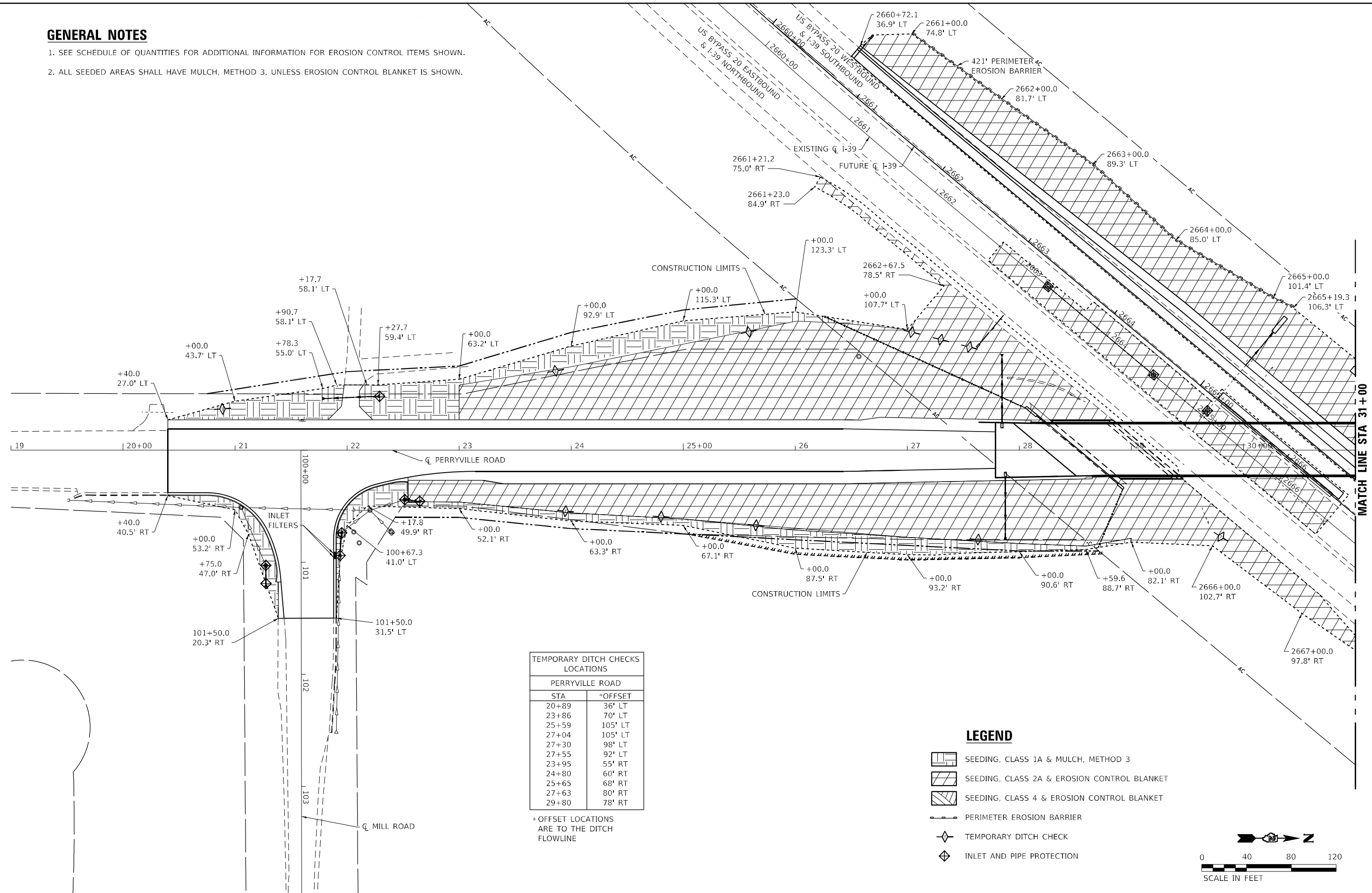
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL	
STAGE 2 - I-39	
SCALE: 1"=50'	SHEET NO. 6 OF 6 SHEETS
STA. 2657+79	TO STA. 2673+54

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HR-3	WINNEBAGO	158	57
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

1. SEE SCHEDULE OF QUANTITIES FOR ADDITIONAL INFORMATION FOR EROSION CONTROL ITEMS SHOWN.
2. ALL SEEDED AREAS SHALL HAVE MULCH, METHOD 3, UNLESS EROSION CONTROL BLANKET IS SHOWN.

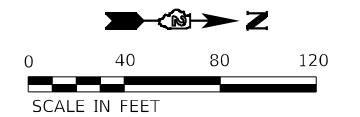


TEMPORARY DITCH CHECKS LOCATIONS	
PERRYVILLE ROAD	
STA	*OFFSET
20+89	36' LT
23+86	70' LT
25+59	105' LT
27+04	105' LT
27+30	98' LT
27+55	92' LT
23+95	55' RT
24+80	60' RT
25+65	68' RT
27+63	80' RT
29+80	78' RT

* OFFSET LOCATIONS ARE TO THE DITCH FLOWLINE

LEGEND

- SEEDING, CLASS 1A & MULCH, METHOD 3
- SEEDING, CLASS 2A & EROSION CONTROL BLANKET
- SEEDING, CLASS 4 & EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECK
- INLET AND PIPE PROTECTION



MATCH LINE STA 31+00
SEE SHEET 59 FOR CONT.

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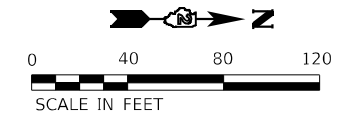
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL PLAN

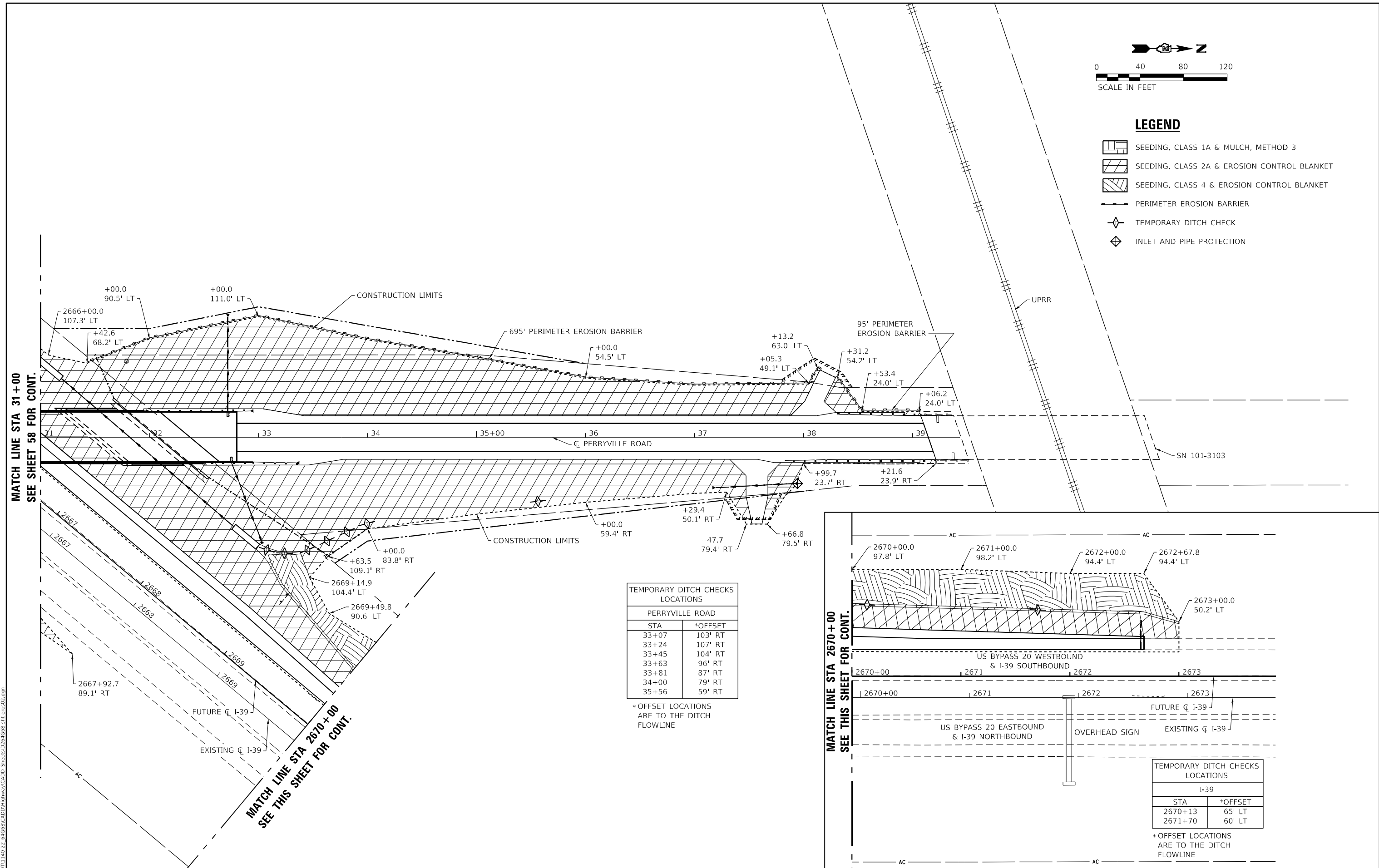
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HR-3	WINNEBAGO	158	58
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				



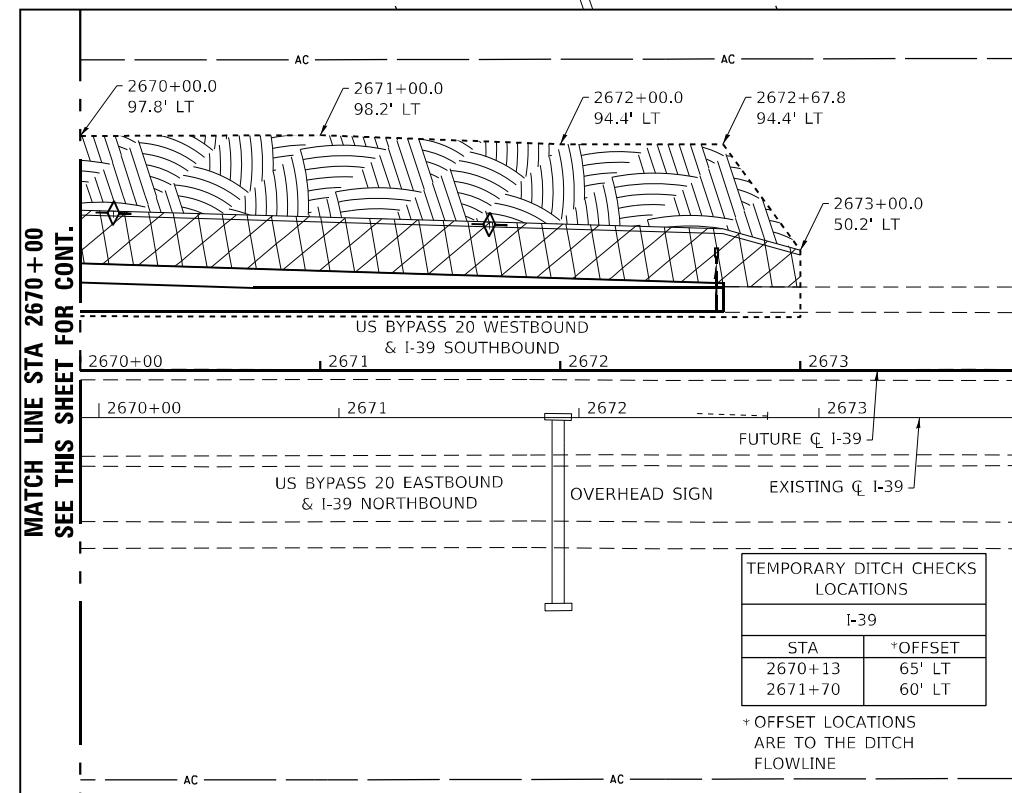
LEGEND

- SEEDING, CLASS 1A & MULCH, METHOD 3
- SEEDING, CLASS 2A & EROSION CONTROL BLANKET
- SEEDING, CLASS 4 & EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECK
- INLET AND PIPE PROTECTION



TEMPORARY DITCH CHECKS LOCATIONS	
PERRYVILLE ROAD	
STA	*OFFSET
33+07	103' RT
33+24	107' RT
33+45	104' RT
33+63	96' RT
33+81	87' RT
34+00	79' RT
35+56	59' RT

* OFFSET LOCATIONS ARE TO THE DITCH FLOWLINE



TEMPORARY DITCH CHECKS LOCATIONS	
I-39	
STA	*OFFSET
2670+13	65' LT
2671+70	60' LT

* OFFSET LOCATIONS ARE TO THE DITCH FLOWLINE



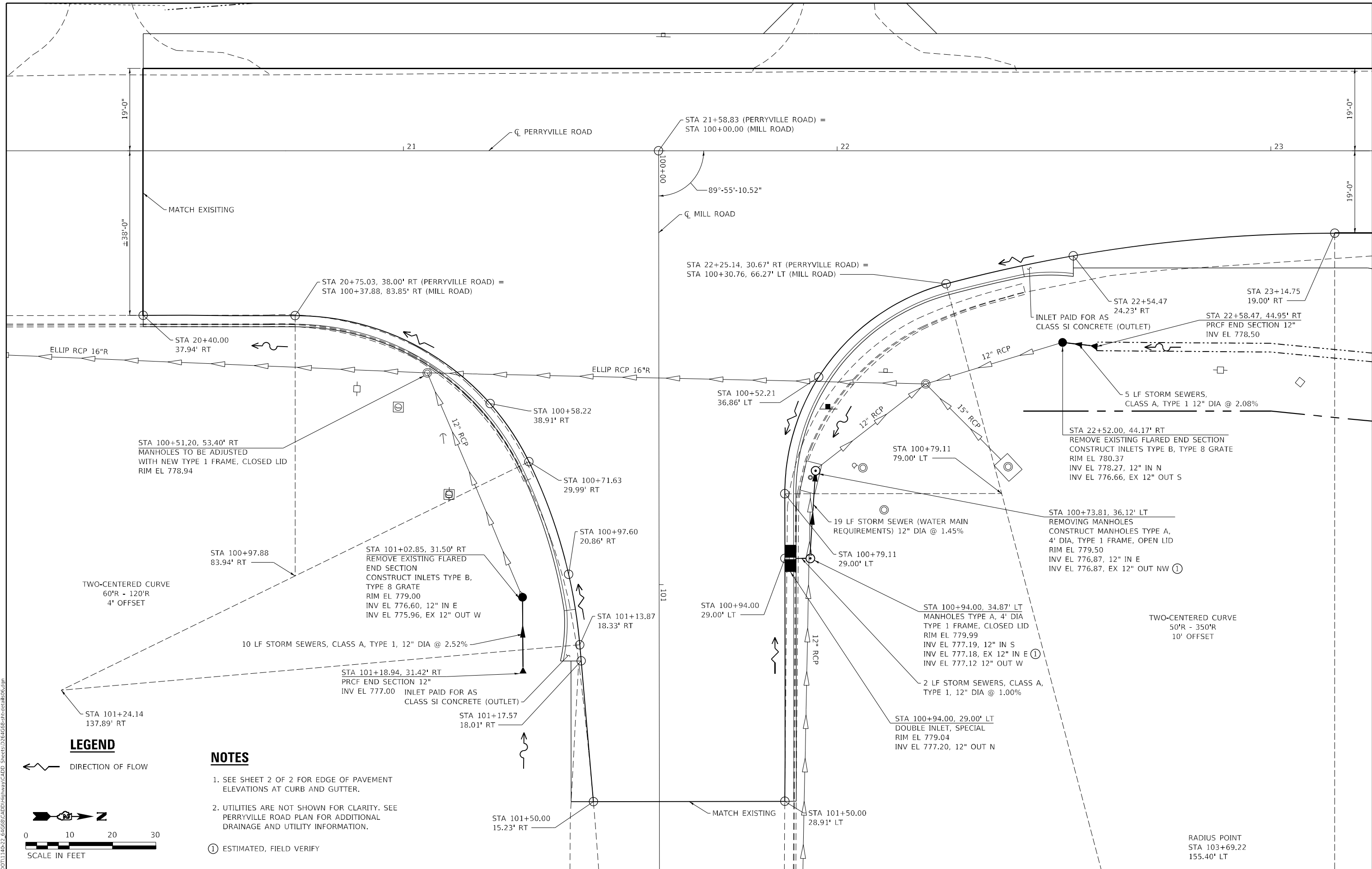
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

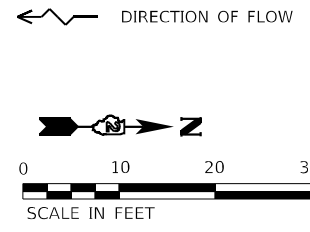
EROSION CONTROL PLAN

SCALE: 1"=40' SHEET NO. 2 OF 2 SHEETS STA. 31+00 TO STA. 39+14.59

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	59
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				



LEGEND



NOTES

1. SEE SHEET 2 OF 2 FOR EDGE OF PAVEMENT ELEVATIONS AT CURB AND GUTTER.
 2. UTILITIES ARE NOT SHOWN FOR CLARITY. SEE PERRYVILLE ROAD PLAN FOR ADDITIONAL DRAINAGE AND UTILITY INFORMATION.
- ① ESTIMATED, FIELD VERIFY

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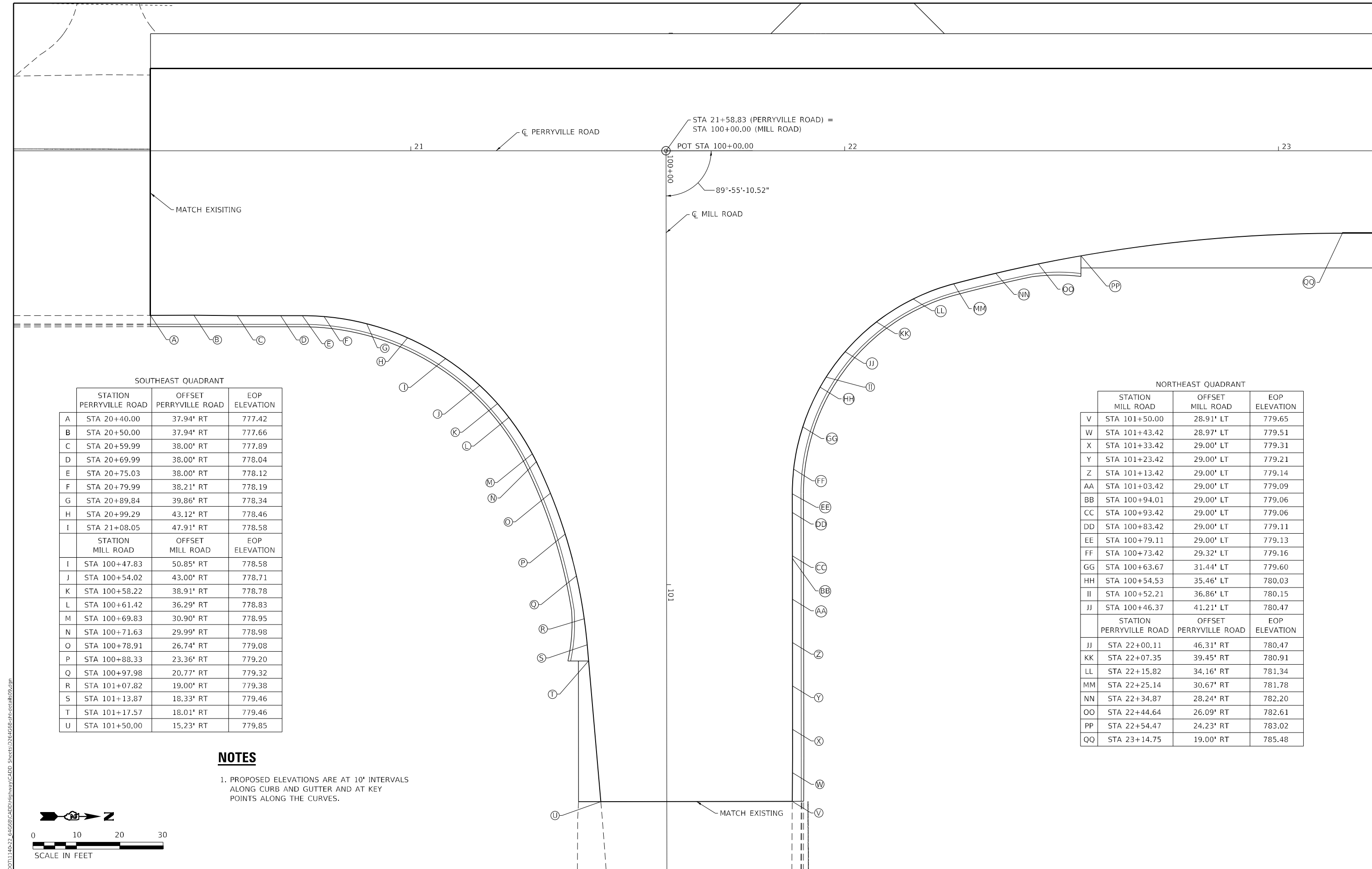
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MILL ROAD INTERSECTION DETAILS

SCALE: 1"=10' SHEET NO. 1 OF 2 SHEETS STA. 100+00 TO STA. 101+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HR-3	WINNEBAGO	158	60
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				



SOUTHEAST QUADRANT

	STATION PERRYVILLE ROAD	OFFSET PERRYVILLE ROAD	EOP ELEVATION
A	STA 20+40.00	37.94' RT	777.42
B	STA 20+50.00	37.94' RT	777.66
C	STA 20+59.99	38.00' RT	777.89
D	STA 20+69.99	38.00' RT	778.04
E	STA 20+75.03	38.00' RT	778.12
F	STA 20+79.99	38.21' RT	778.19
G	STA 20+89.84	39.86' RT	778.34
H	STA 20+99.29	43.12' RT	778.46
I	STA 21+08.05	47.91' RT	778.58
	STATION MILL ROAD	OFFSET MILL ROAD	EOP ELEVATION
I	STA 100+47.83	50.85' RT	778.58
J	STA 100+54.02	43.00' RT	778.71
K	STA 100+58.22	38.91' RT	778.78
L	STA 100+61.42	36.29' RT	778.83
M	STA 100+69.83	30.90' RT	778.95
N	STA 100+71.63	29.99' RT	778.98
O	STA 100+78.91	26.74' RT	779.08
P	STA 100+88.33	23.36' RT	779.20
Q	STA 100+97.98	20.77' RT	779.32
R	STA 101+07.82	19.00' RT	779.38
S	STA 101+13.87	18.33' RT	779.46
T	STA 101+17.57	18.01' RT	779.46
U	STA 101+50.00	15.23' RT	779.85

NORTHEAST QUADRANT

	STATION MILL ROAD	OFFSET MILL ROAD	EOP ELEVATION
V	STA 101+50.00	28.91' LT	779.65
W	STA 101+43.42	28.97' LT	779.51
X	STA 101+33.42	29.00' LT	779.31
Y	STA 101+23.42	29.00' LT	779.21
Z	STA 101+13.42	29.00' LT	779.14
AA	STA 101+03.42	29.00' LT	779.09
BB	STA 100+94.01	29.00' LT	779.06
CC	STA 100+93.42	29.00' LT	779.06
DD	STA 100+83.42	29.00' LT	779.11
EE	STA 100+79.11	29.00' LT	779.13
FF	STA 100+73.42	29.32' LT	779.16
GG	STA 100+63.67	31.44' LT	779.60
HH	STA 100+54.53	35.46' LT	780.03
II	STA 100+52.21	36.86' LT	780.15
JJ	STA 100+46.37	41.21' LT	780.47
	STATION PERRYVILLE ROAD	OFFSET PERRYVILLE ROAD	EOP ELEVATION
JJ	STA 22+00.11	46.31' RT	780.47
KK	STA 22+07.35	39.45' RT	780.91
LL	STA 22+15.82	34.16' RT	781.34
MM	STA 22+25.14	30.67' RT	781.78
NN	STA 22+34.87	28.24' RT	782.20
OO	STA 22+44.64	26.09' RT	782.61
PP	STA 22+54.47	24.23' RT	783.02
QQ	STA 23+14.75	19.00' RT	785.48

NOTES

1. PROPOSED ELEVATIONS ARE AT 10' INTERVALS ALONG CURB AND GUTTER AND AT KEY POINTS ALONG THE CURVES.



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DATE - 07/22

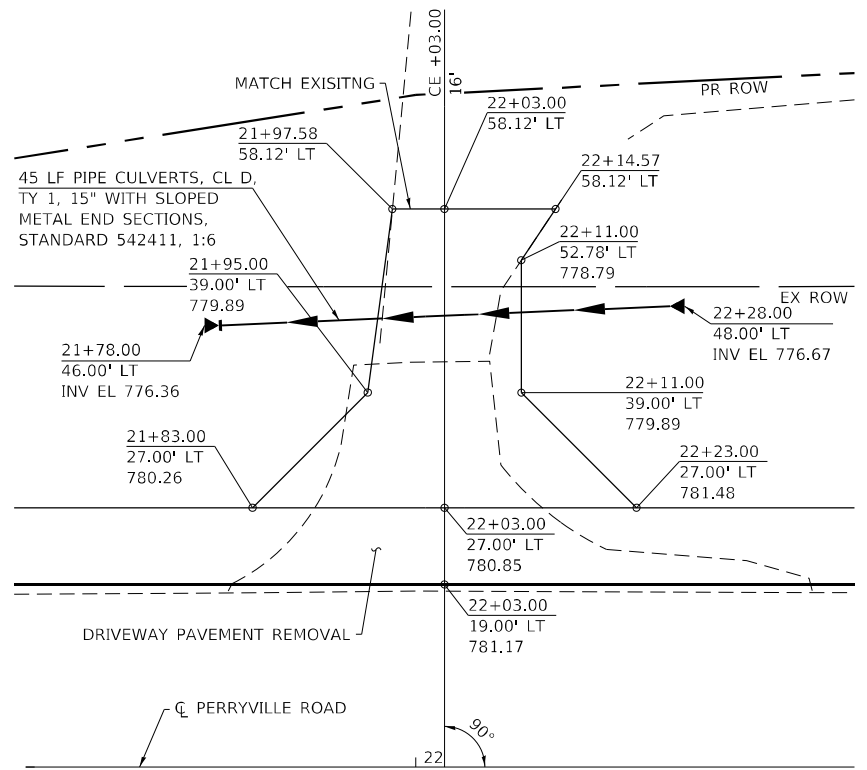
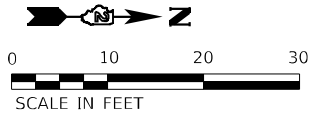
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

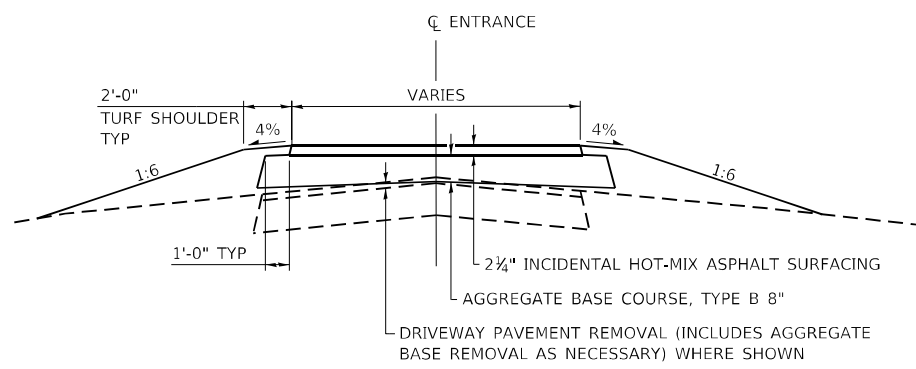
MILL ROAD INTERSECTION DETAILS

SCALE: 1"=10' SHEET NO. 2 OF 2 SHEETS STA. 100+00 TO STA. 101+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HR-3	WINNEBAGO	158	61
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

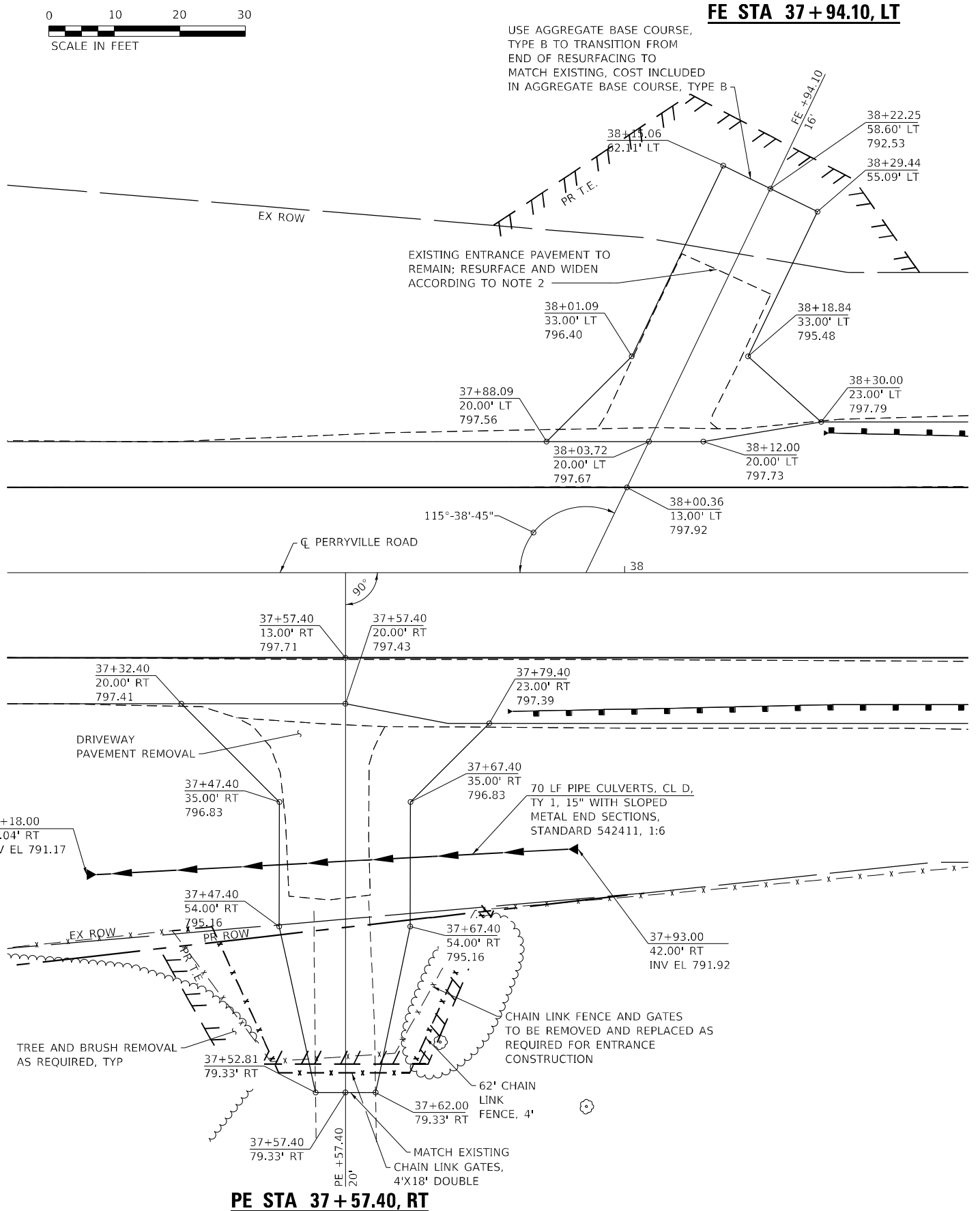
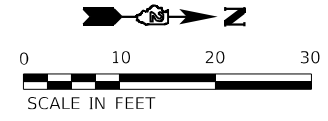


CE STA 22+03.00, LT



TYPICAL SECTION

- NOTES: 1. SEE DISTRICT 2 STANDARD 20.1 FOR ADDITIONAL INFORMATION.
 2. ALL ENTRANCES TO BE 2 1/4" INCIDENTAL HMA SURFACING ON 8" AGGREGATE BASE COURSE, TYPE B UNLESS NOTED OTHERWISE.



PE STA 37+57.40, RT

FE STA 37+94.10, LT

USE AGGREGATE BASE COURSE, TYPE B TO TRANSITION FROM END OF RESURFACING TO MATCH EXISTING, COST INCLUDED IN AGGREGATE BASE COURSE, TYPE B

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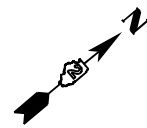
DESIGNED - KJK/ELH
DRAWN - KJK/IRC/NHC
CHECKED - ELH
DATE - 07/22

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

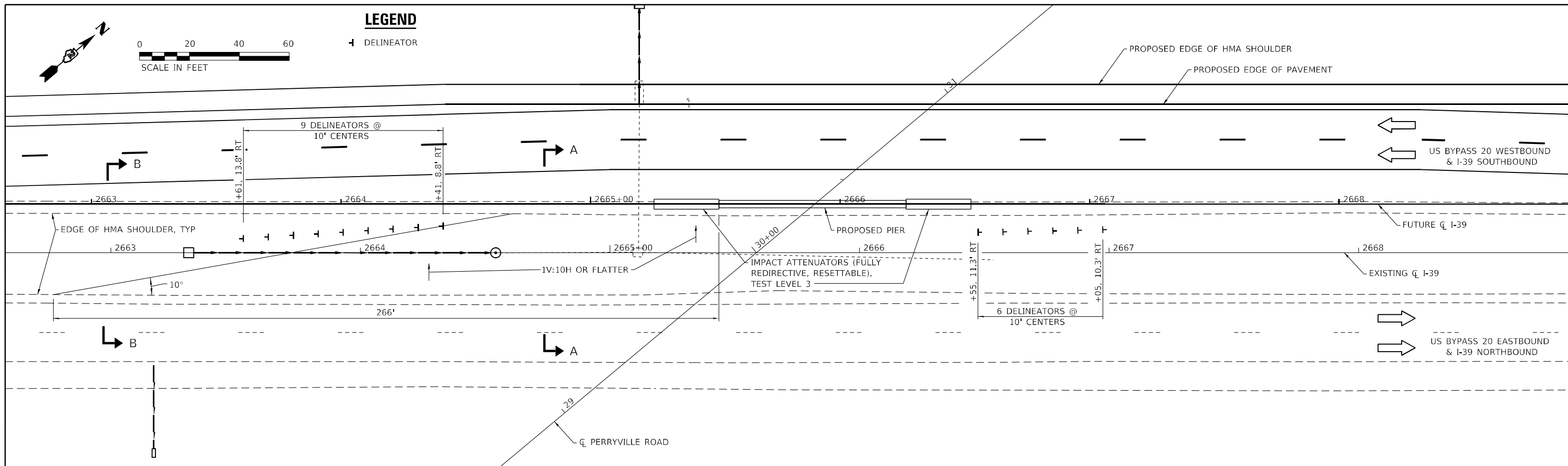
ENTRANCE DETAILS	
SCALE: 1"=10'	SHEET NO. 1 OF 1 SHEETS
STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	62
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				



LEGEND

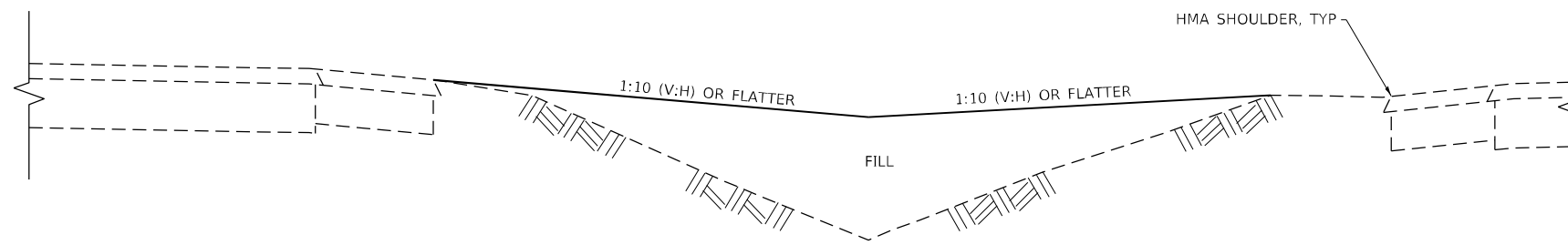
—+— DELINEATOR



IMPACT ATTENUATOR AND GRADING PLAN

GENERAL NOTES

1. THE ATTENUATOR FOUNDATION OR BASE, TRANSITION, AND PIER CONNECTION SHALL BE CONSTRUCTED ACCORDING TO THE ATTENUATOR MANUFACTURER'S SPECIFICATIONS. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT IS INCLUDED IN THE COST OF THE IMPACT ATTENUATOR.
2. REMOVE EXISTING IMPACT ATTENUATORS AND ATTENUATOR BASES DURING PIER REMOVAL.
3. SEE DISTRICT 2 STANDARD 37.4 FOR ADDITIONAL DETAILS.
4. SLOPE ADJACENT TO THE ATTENUATOR BASE SHALL BE 1:10 OR FLATTER.



SECTION A-A



SECTION B-B

MODEL_PLOT
FILE NAME: Y:\DOT\1140-22_64G68\CADD\Hwy\CAAD Sheets\0264G68-shc-cscah01.dwg



USER NAME = IRC	DESIGNED - SKM/ELH	REVISED -
ESCA PROJECT NO. 1140.22	DRAWN - SKM/NHC	REVISED -
PLOT SCALE = 0.1667' / in.	CHECKED - ELH	REVISED -
PLOT DATE = 8/4/2022	DATE - 07/22	REVISED -

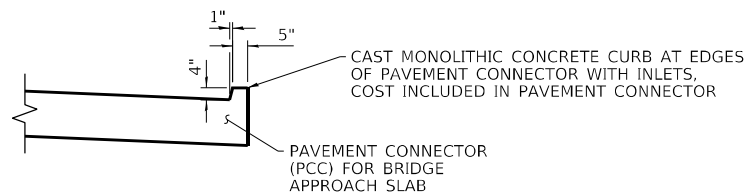
DESIGNED - SKM/ELH	REVISED -
DRAWN - SKM/NHC	REVISED -
CHECKED - ELH	REVISED -
DATE - 07/22	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

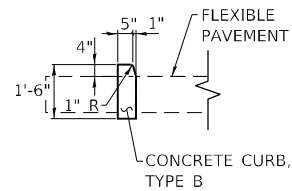
IMPACT ATTENUATOR INSTALLATION DETAILS

SCALE: 1"=20' SHEET NO. 1 OF 1 SHEETS STA. 2662+65 TO STA. 2668+96

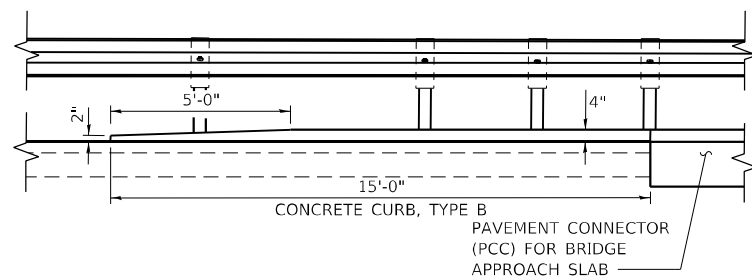
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	63
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				



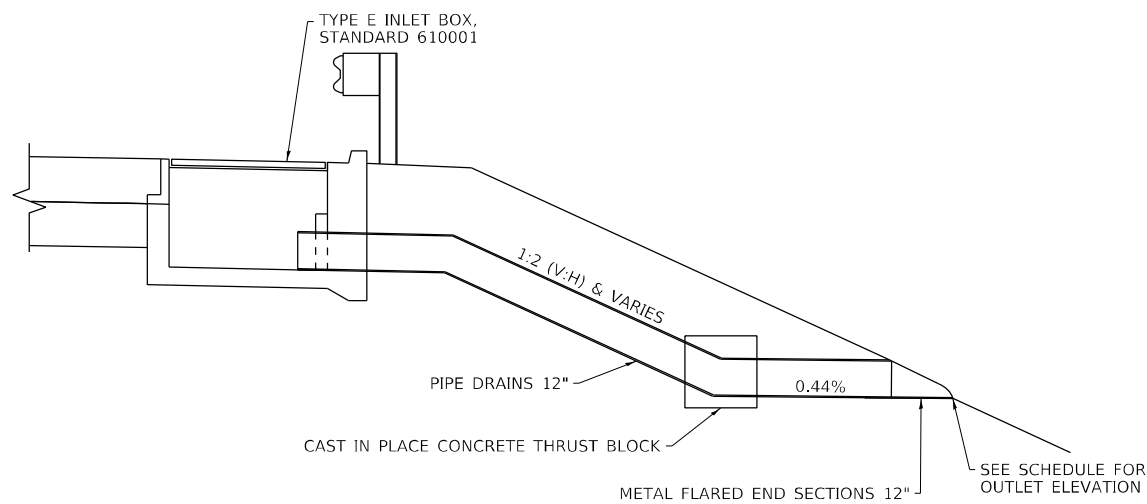
SECTION B-B



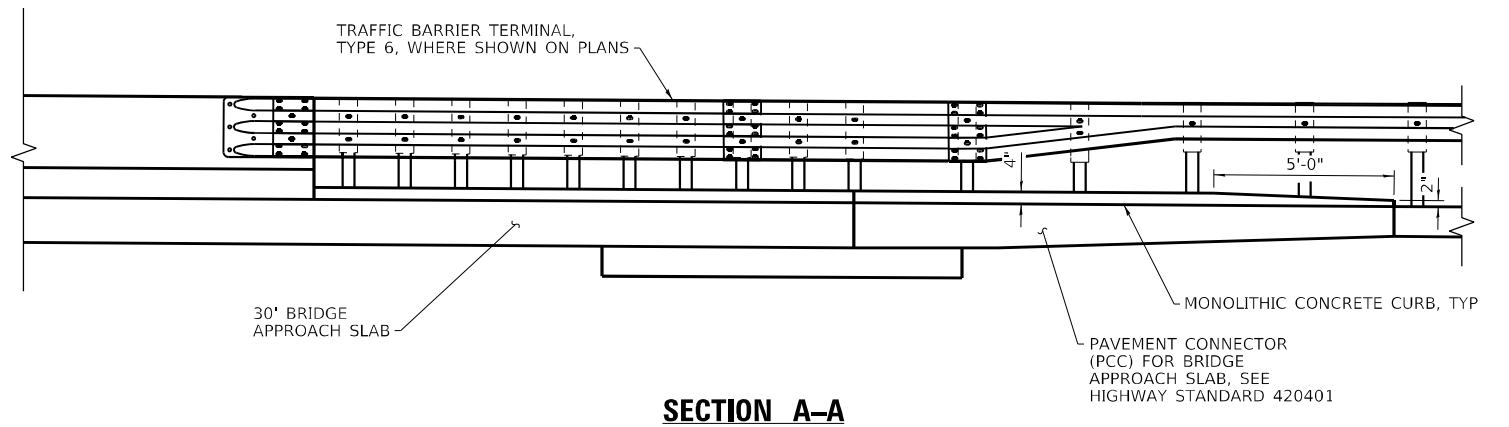
SECTION C-C



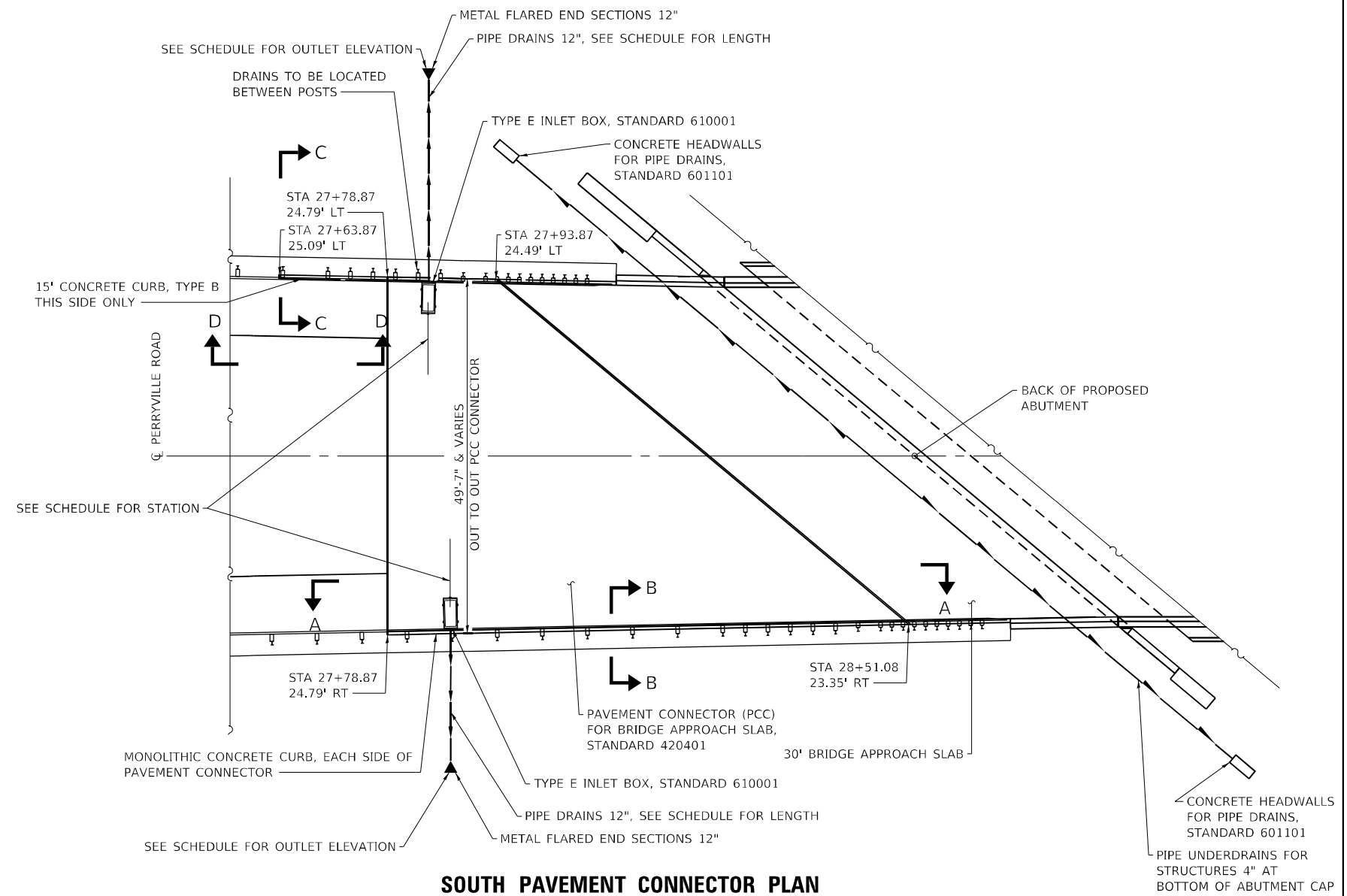
SECTION D-D



SECTION AT TYPE E INLET BOX



SECTION A-A



SOUTH PAVEMENT CONNECTOR PLAN

NOTE: ALL STATIONS AND OFFSETS REFER TO BACK OF CURB.

PCC PAVEMENT CONNECTOR DRAINAGE SCHEDULE

LOCATION			INLET BOX, STD 610001 TYPE E	CONCRETE THRUST BLOCKS	PIPE DRAINS 12"	METAL FLARED END SECTIONS 12"	OUTLET ELEVATION
STATION	LANE	OFFSET	EACH	EACH	FOOT	EACH	
27+84.56	SBL	LEFT	1	1	63	1	784.25
27+87.62	NBL	RIGHT	1	1	62	1	783.00
TOTALS			2	2	125	2	

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 PLOT SCALE = 0.1667' / 1" IN.
 PLOT DATE = 8/4/2022

DESIGNED - SKM/ELH
 DRAWN - SKM/NHC
 CHECKED - ELH
 DATE - 07/22

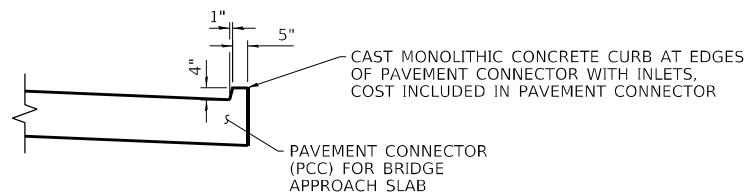
REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

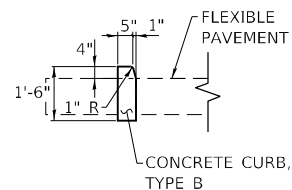
PAVEMENT CONNECTOR DETAILS

SCALE: NONE SHEET NO. 1 OF 2 SHEETS STA. TO STA.

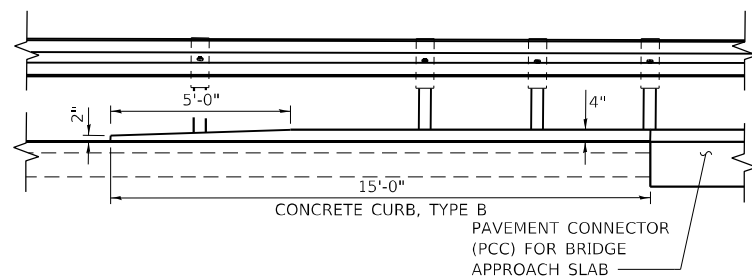
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HR-3	WINNEBAGO	158	64
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				



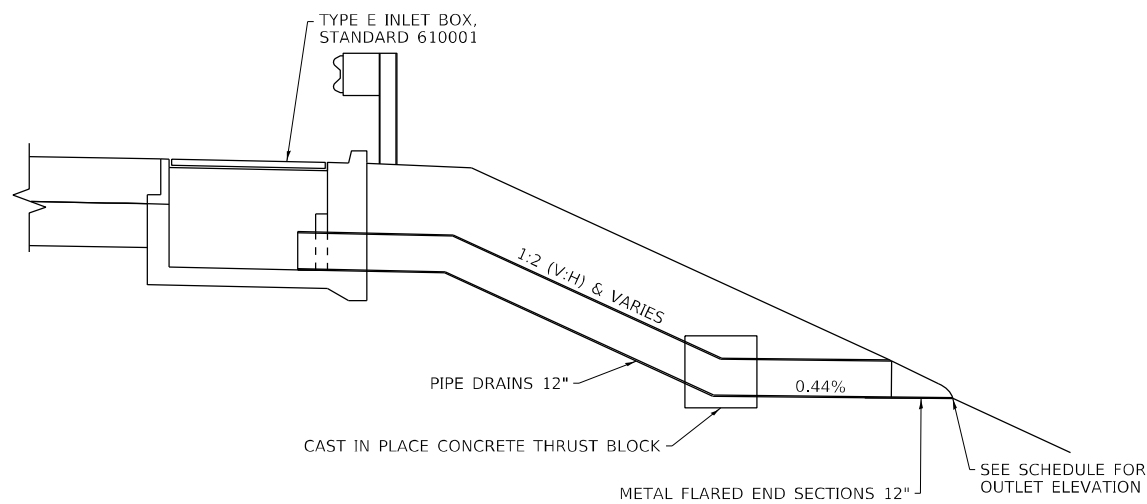
SECTION B-B



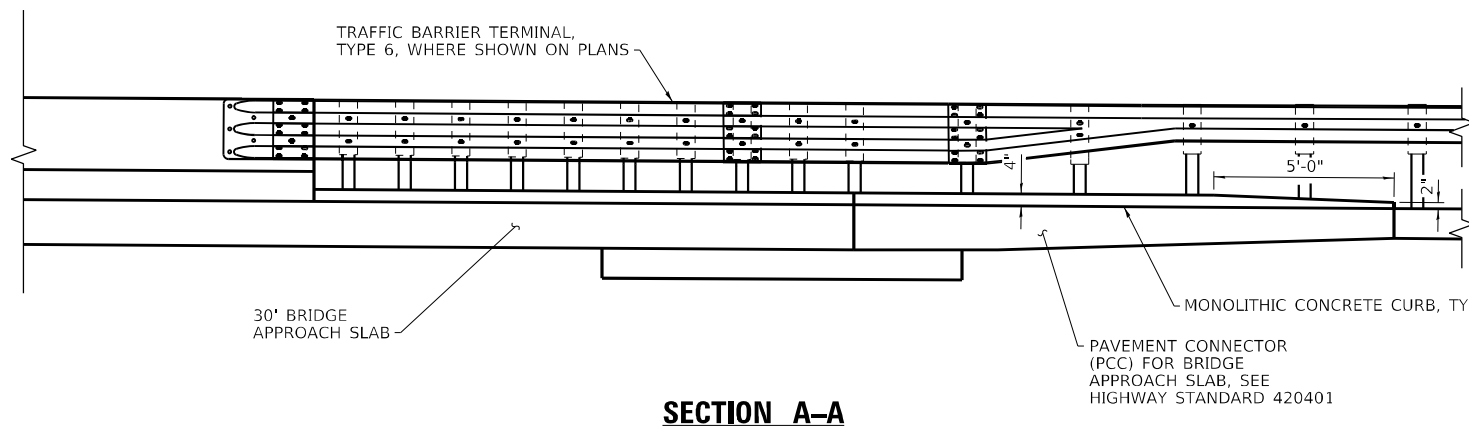
SECTION C-C



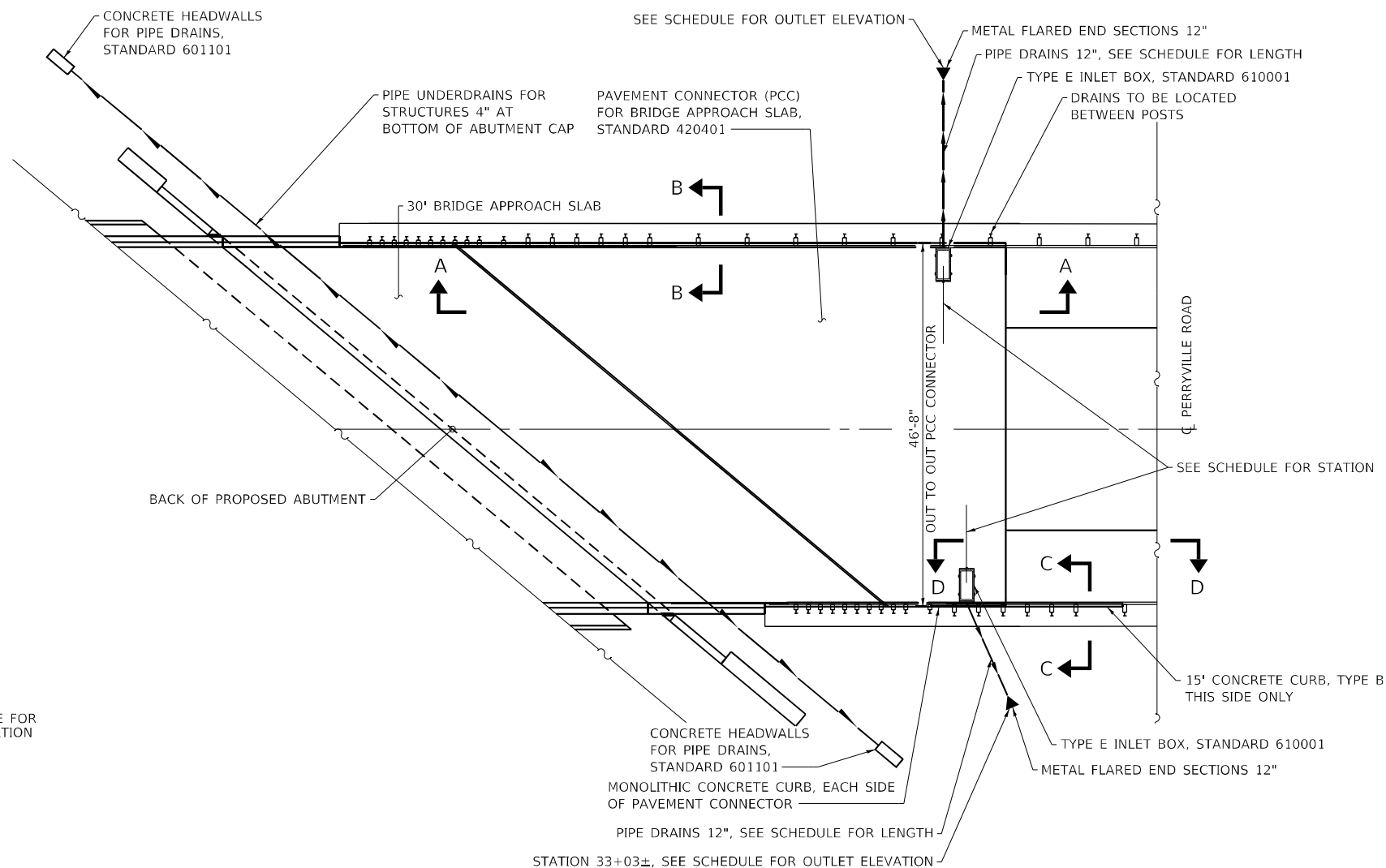
SECTION D-D



SECTION AT TYPE E INLET BOX



SECTION A-A



NORTH PAVEMENT CONNECTOR PLAN

PCC PAVEMENT CONNECTOR DRAINAGE SCHEDULE							
LOCATION			INLET BOX, STD 610001 TYPE E	CONCRETE THRUST BLOCKS	PIPE DRAINS 12"	METAL FLARED END SECTIONS 12"	OUTLET ELEVATION
STATION	LANE	OFFSET	EACH	EACH	FOOT	EACH	
32+71.92	SBL	LEFT	1	1	90	1	785.50
32+74.93	NBL	RIGHT	1	1	84	1	785.00
TOTALS			2	2	174	2	

MODEL_PLOT FILE NAME: Y:\PROJECTS\1140-22_64G68\CADD\Hwy\Hwy\CADD_Sheets\0264G68-shc-curb03.dwg



USER NAME = IRC
 ESCA PROJECT NO. 1140.22
 PLOT SCALE = 0.1667' / in.
 PLOT DATE = 8/4/2022

DESIGNED - SKM/ELH
 DRAWN - SKM/NHC
 CHECKED - ELH
 DATE - 07/22

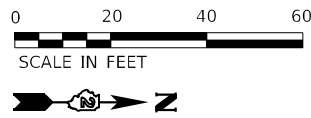
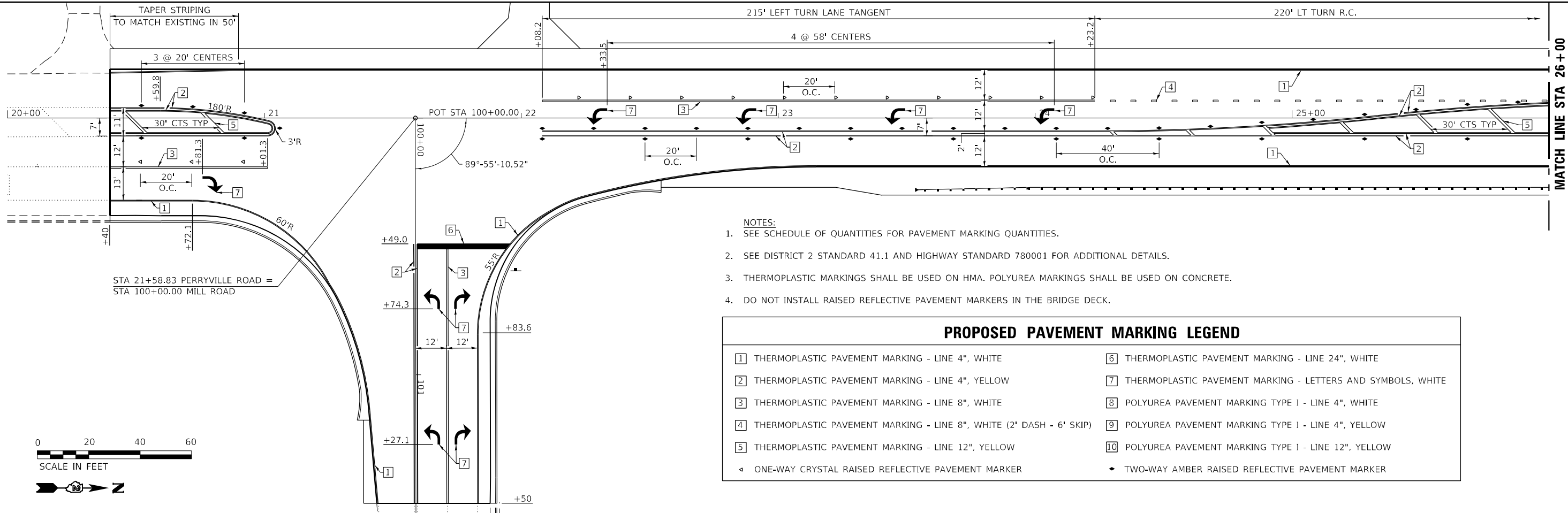
REVISED -
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 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT CONNECTOR DETAILS

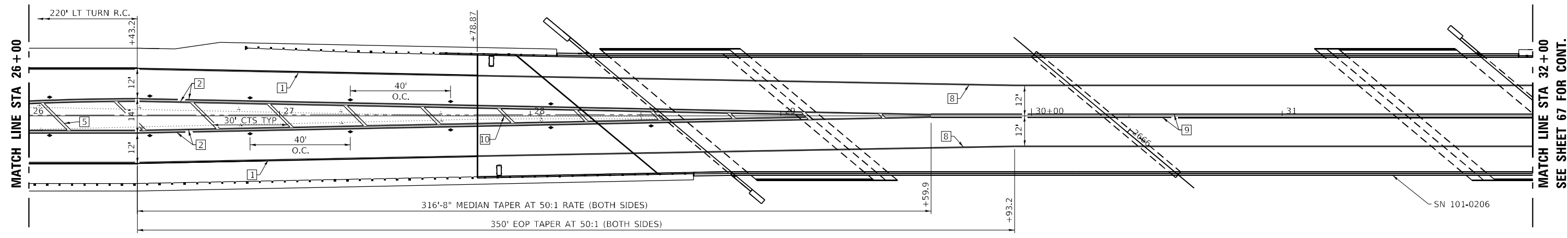
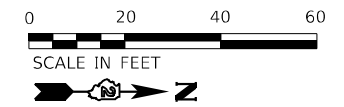
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	65
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				



- NOTES:**
- SEE SCHEDULE OF QUANTITIES FOR PAVEMENT MARKING QUANTITIES.
 - SEE DISTRICT 2 STANDARD 41.1 AND HIGHWAY STANDARD 780001 FOR ADDITIONAL DETAILS.
 - THERMOPLASTIC MARKINGS SHALL BE USED ON HMA. POLYUREA MARKINGS SHALL BE USED ON CONCRETE.
 - DO NOT INSTALL RAISED REFLECTIVE PAVEMENT MARKERS IN THE BRIDGE DECK.

PROPOSED PAVEMENT MARKING LEGEND	
1	THERMOPLASTIC PAVEMENT MARKING - LINE 4", WHITE
2	THERMOPLASTIC PAVEMENT MARKING - LINE 4", YELLOW
3	THERMOPLASTIC PAVEMENT MARKING - LINE 8", WHITE
4	THERMOPLASTIC PAVEMENT MARKING - LINE 8", WHITE (2' DASH - 6' SKIP)
5	THERMOPLASTIC PAVEMENT MARKING - LINE 12", YELLOW
6	THERMOPLASTIC PAVEMENT MARKING - LINE 24", WHITE
7	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS, WHITE
8	POLYUREA PAVEMENT MARKING TYPE I - LINE 4", WHITE
9	POLYUREA PAVEMENT MARKING TYPE I - LINE 4", YELLOW
10	POLYUREA PAVEMENT MARKING TYPE I - LINE 12", YELLOW
◀	ONE-WAY CRYSTAL RAISED REFLECTIVE PAVEMENT MARKER
◆	TWO-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKER



MODEL: PLOT
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USER NAME = IRC
 ESCA PROJECT NO. 1140.22
 PLOT SCALE = 0.1667' / in.
 PLOT DATE = 8/4/2022

DESIGNED - KJK/ELH
 DRAWN - KJK/NHC
 CHECKED - ELH
 DATE - 07/22

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND MARKERS

SCALE: 1"=20' SHEET NO. 1 OF 3 SHEETS STA. 20+40 TO STA. 32+00

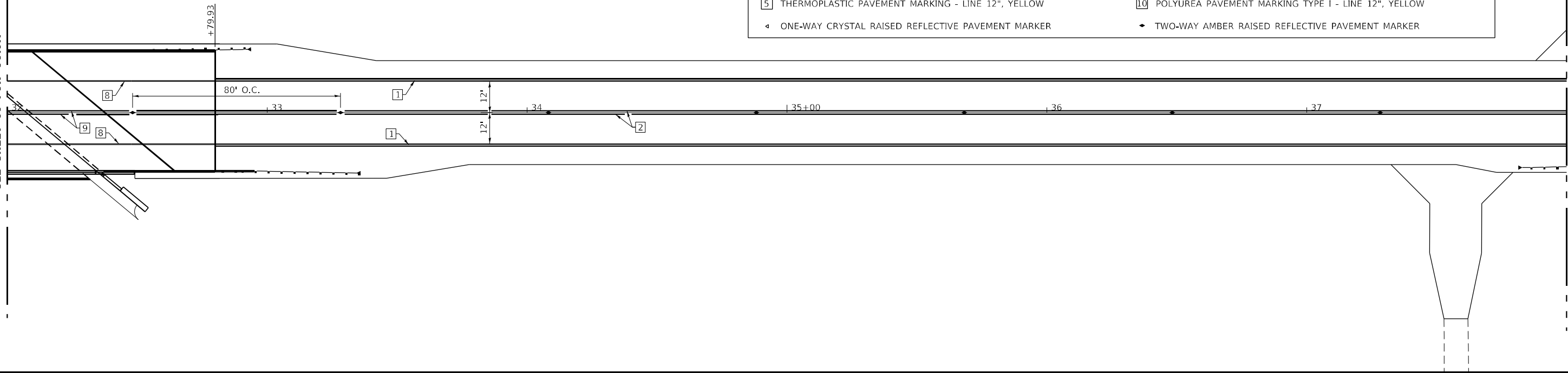
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	66
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64G68	



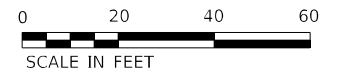
PROPOSED PAVEMENT MARKING LEGEND

- | | |
|---|---|
| 1 THERMOPLASTIC PAVEMENT MARKING - LINE 4", WHITE | 6 THERMOPLASTIC PAVEMENT MARKING - LINE 24", WHITE |
| 2 THERMOPLASTIC PAVEMENT MARKING - LINE 4", YELLOW | 7 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS, WHITE |
| 3 THERMOPLASTIC PAVEMENT MARKING - LINE 8", WHITE | 8 POLYUREA PAVEMENT MARKING TYPE I - LINE 4", WHITE |
| 4 THERMOPLASTIC PAVEMENT MARKING - LINE 8", WHITE (2' DASH - 6' SKIP) | 9 POLYUREA PAVEMENT MARKING TYPE I - LINE 4", YELLOW |
| 5 THERMOPLASTIC PAVEMENT MARKING - LINE 12", YELLOW | 10 POLYUREA PAVEMENT MARKING TYPE I - LINE 12", YELLOW |
| ◄ ONE-WAY CRYSTAL RAISED REFLECTIVE PAVEMENT MARKER | ◆ TWO-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKER |

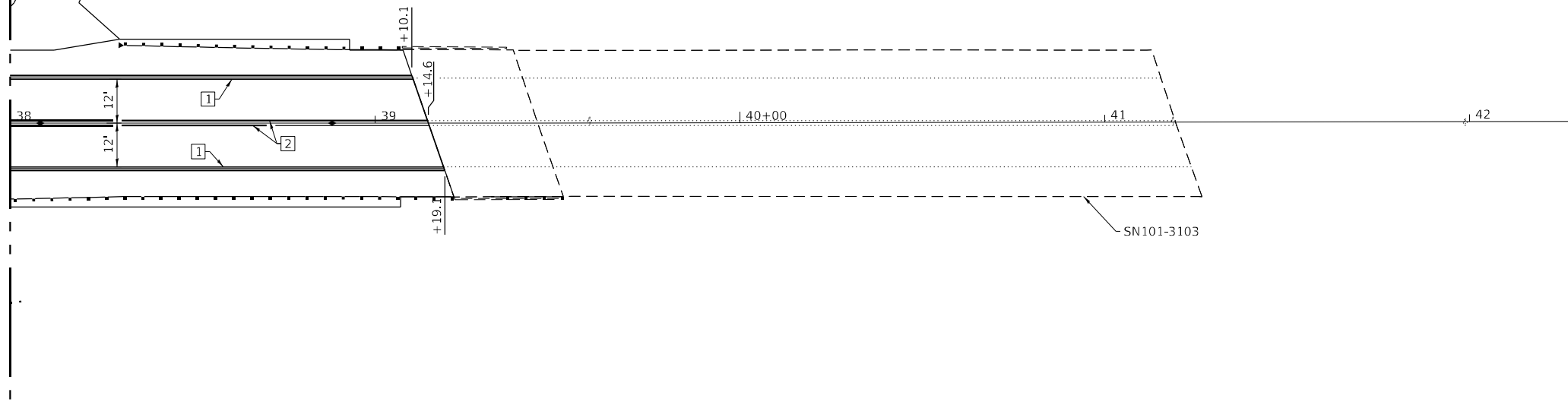
MATCH LINE STA 32+00
SEE SHEET 66 FOR CONT.



MATCH LINE STA 38+00



MATCH LINE STA 38+00



MODEL_PLOT
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ESCA PROJECT NO. 1140.22
PLOT SCALE = 0.1667' / in.
PLOT DATE = 8/4/2022

DESIGNED - KJK/ELH
DRAWN - KJK/NHC
CHECKED - ELH
DATE - 07/22

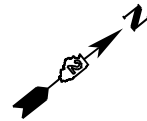
REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND MARKERS

SCALE: 1"=20' SHEET NO. 2 OF 3 SHEETS STA. 32+00 TO STA. 39+14.59

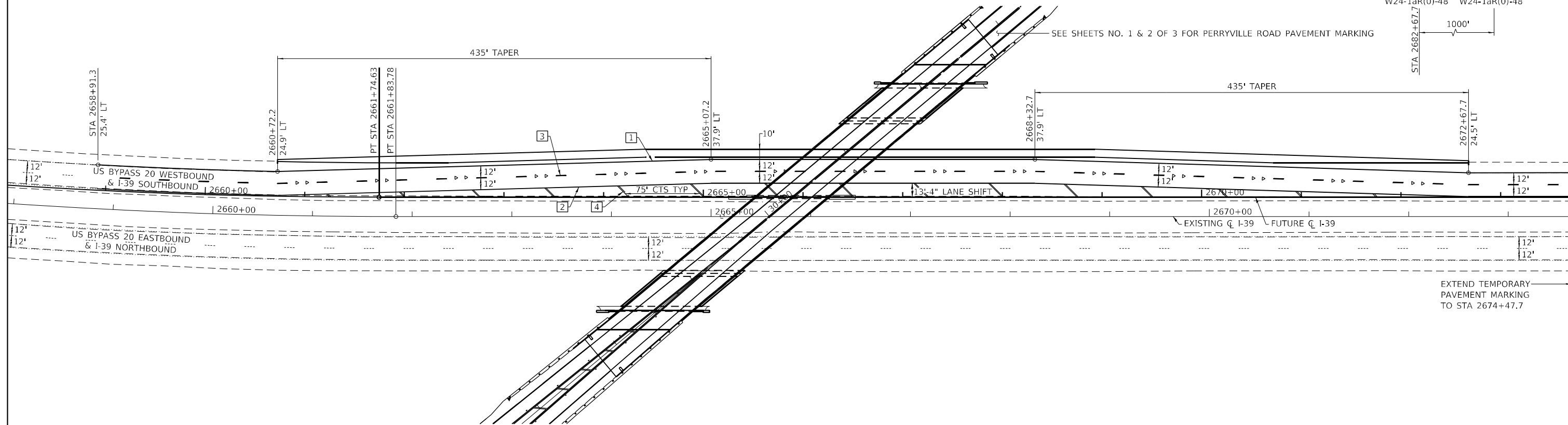
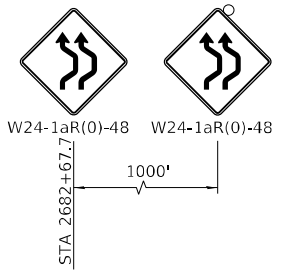
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	67
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				



- NOTES:
1. SEE SCHEDULE OF QUANTITIES FOR PAVEMENT MARKING QUANTITIES.
 2. SEE DISTRICT 2 STANDARD 41.1 AND HIGHWAY STANDARD 780001 FOR ADDITIONAL DETAILS.
 3. THERMOPLASTIC MARKINGS SHALL BE USED ON HMA. POLYUREA MARKINGS SHALL BE USED ON CONCRETE.

PROPOSED PAVEMENT MARKING LEGEND

- 1 THERMOPLASTIC PAVEMENT MARKING - LINE 4", WHITE
- 2 THERMOPLASTIC PAVEMENT MARKING - LINE 4", YELLOW
- 3 THERMOPLASTIC PAVEMENT MARKING - LINE 6", WHITE (10' DASH - 30' SKIP)
- 4 THERMOPLASTIC PAVEMENT MARKING - LINE 12", YELLOW
- ◄ ONE-WAY CRYSTAL RAISED REFLECTIVE PAVEMENT MARKER



SEE SHEETS NO. 1 & 2 OF 3 FOR PERRYVILLE ROAD PAVEMENT MARKING

EXTEND TEMPORARY PAVEMENT MARKING TO STA 2674+47.7

MODEL: D:\p\1140-22_64G68\CADD\Highway\CADD Sheets\0564668-ht-con03.dgn



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PLOT DATE = 8/4/2022	DATE - 07/22	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND MARKERS

SCALE: 1"=50' SHEET NO. 3 OF 3 SHEETS STA. 2658+00 TO STA. 2673+76

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HR-3	WINNEBAGO	158	68
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
194	4HB3	WINNEBAGO	25	4
STA.	O STA.			
FED. ROAD DIST. NO. 7 ILLINOIS				

STATION 813+67.19
 BUILT 196 BY
 STATE OF ILLINOIS
 F.A. PT. 194 SEC. 4HB3
 F.A. PROJ. F284
 LOADING H15-512
 SEE STATE OF ILLINOIS STD. 211.3

NAME PLATE
 (TWO REQ.)

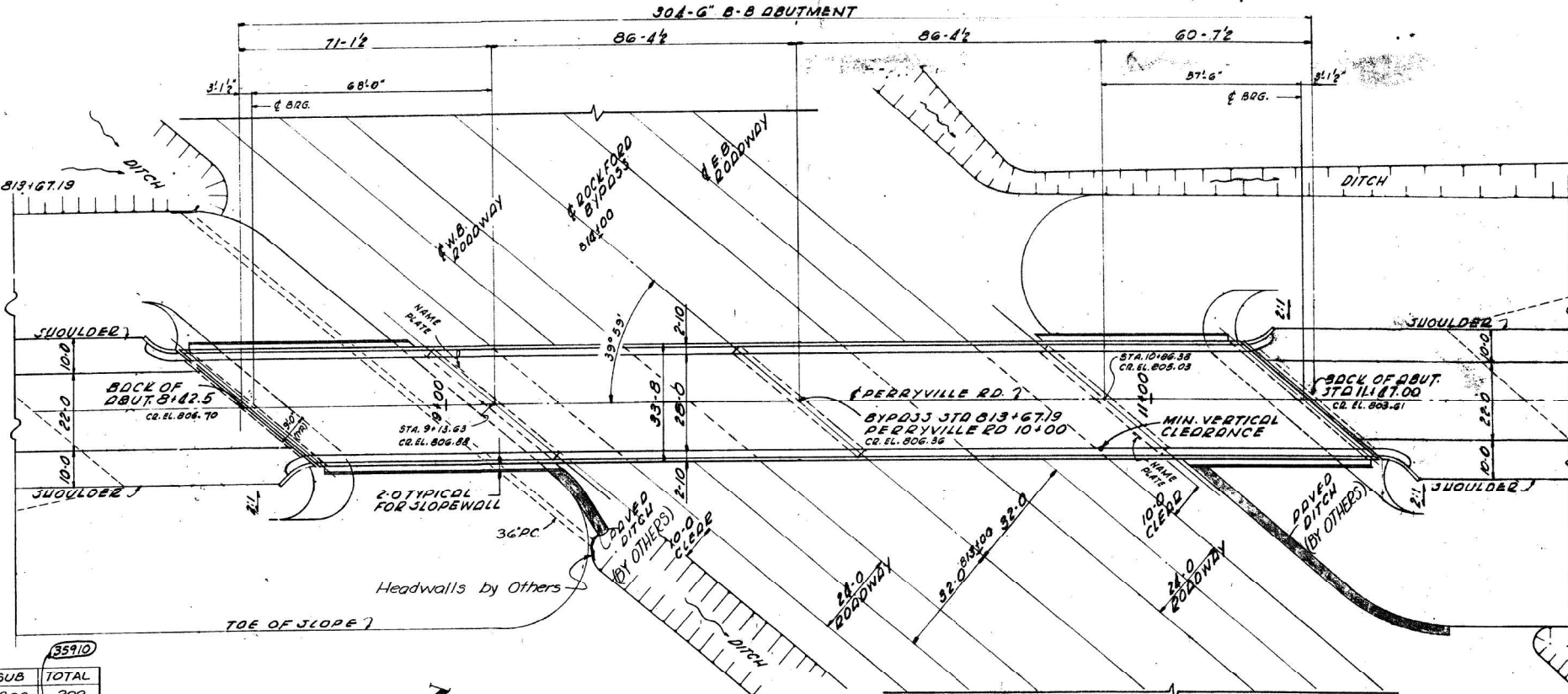
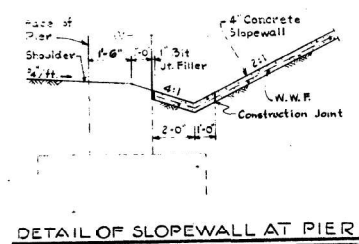
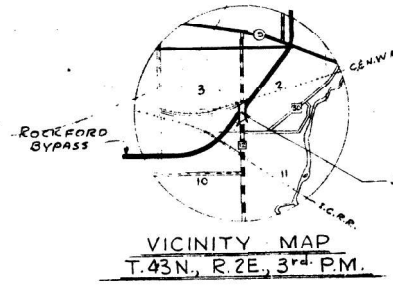
DESIGN DATA

SPECIFICATIONS:
 A.A.S.H.O. Dated 1957, Standard Specifications For Road And Bridge Construction Dated January 6, 1958.

LOADING:
 L.L. H15-512-44
 D.L. 20 P.S.F. Future Wearing Surface (Additional)

STRESSES:
 CONCRETE
 fc = 1400 P.S.I. Superstructure (n=10)
 fc = 1000 P.S.I. Substructure (With Earth Pressure)
 fc = 400 P.S.I. Substructure (Without Earth Pressure)
 75 P.S.I. Max. Allowable V In Pier Footings

STEEL
 Structural = 18000 P.S.I.
 Reinforcing = 20000 P.S.I.

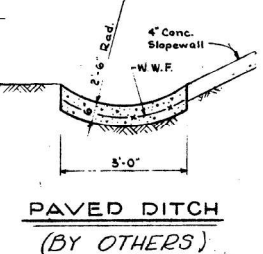
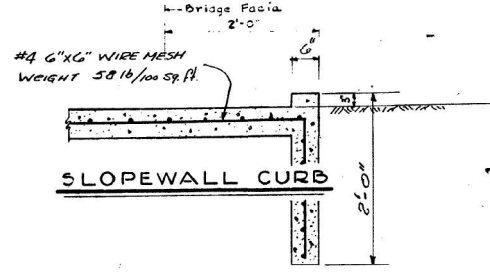
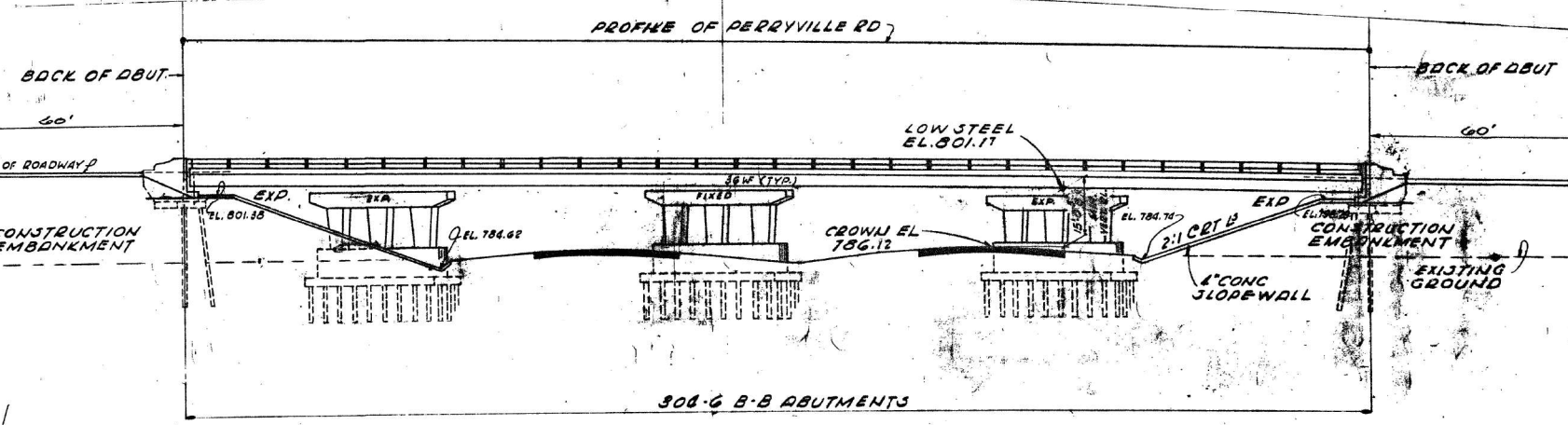


BILL OF MATERIAL SECTION 4HB-3

ITEM	UNIT	SUPER	SUB	TOTAL
Class A Excavation for Structure	cu. yd.		209	209
Class X Concrete	cu. yd.	289.4	380.1	669.7
Reinforcement Bar	lb.	27,980	25,960	53,940
Erecting Structural Steel	lb.	293,625		293,625
Metal Handrail	lin. ft.	602		602
Name Plate	each	2		2
Creosoted Piles	lin. ft.		810	810
Timber Test Pile	each		1	1
Metal Pile Shoe	each		81	81
Concrete Piles	lin. ft.		775	775
Concrete Test Pile	each		1	1
Slope Wall (A)	sq. yd.		520	520

BILL OF MATERIAL SECTION 4HF-3

ITEM	UNIT	SUPER	SUB	TOTAL
Furnishing Structural Steel	lb.	293,625		293,625



REVISIONS 2-1-62 DELETED ITEMS SHOWN THUS (31770)
 W.I.K. ADDED ITEMS SHOWN THUS (31770)

ILLINOIS DIVISION OF HIGHWAYS
 ROCKFORD BYPASS
 F.A. ROUTE 194
 PROJECT F284 (16) SECTION 4HB3
 WINNEBAGO COUNTY
GENERAL PLAN

MODEL PLOT FILE NAME: X:\PLOT1140-22_64668\CADD\HINWAY\CADD Sheets\0264668-816-centr01.dwg



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ESCA PROJECT NO. 1140.22	DRAWN - KJK	REVISED -
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PLOT DATE = 8/4/2022	DATE - 06/19	REVISED -

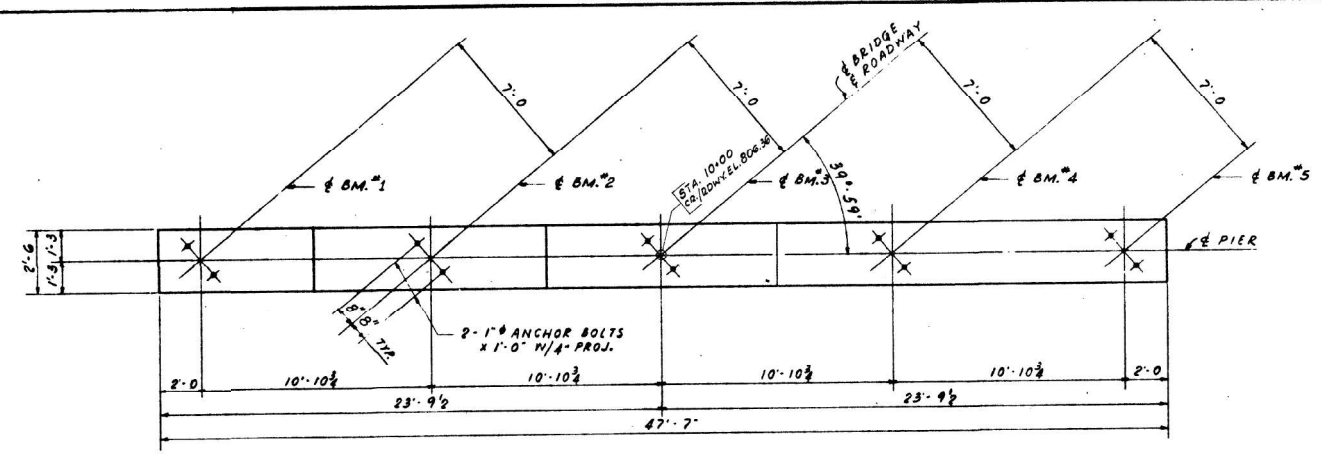
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING BRIDGE PLANS

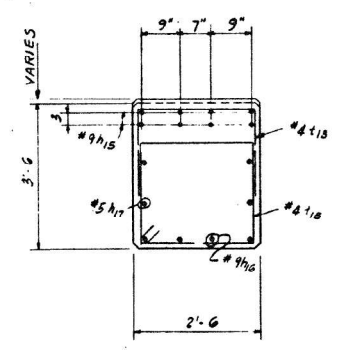
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HB-3	WINNEBAGO	158	69
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

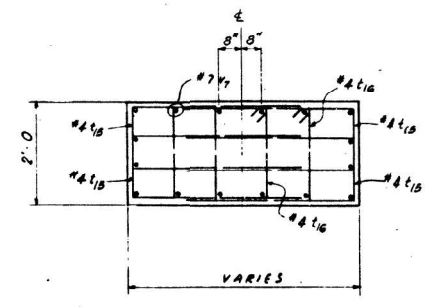
ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
F.A. 194	4HB3	WINNEBAGO	25	7
STA.		TO STA.		
FEB. ROAD DIST. NO. 7 ILLINOIS				



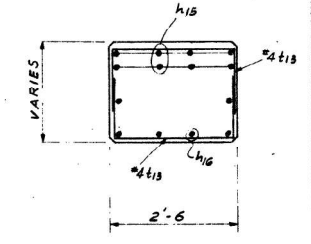
TOP PLAN
SCALE 1/4" = 1'-0"



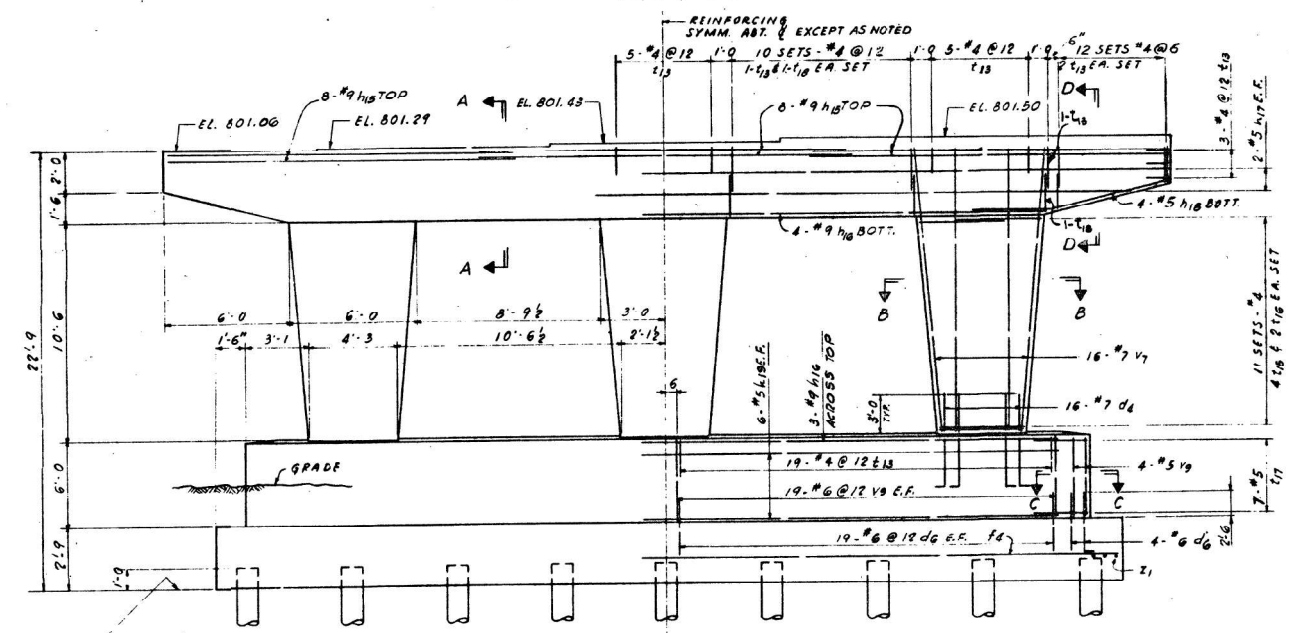
SECTION "A-A"



SECTION B-B

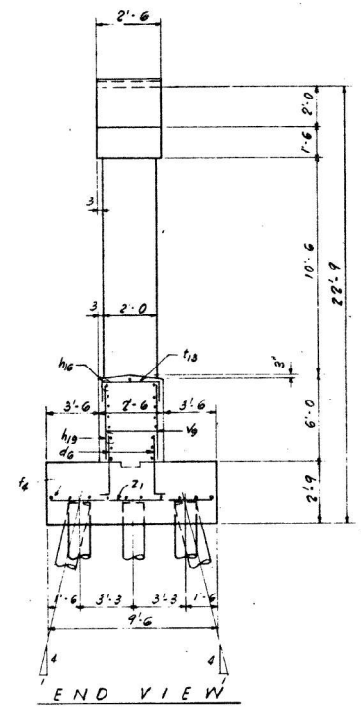


SECTION "D-D"

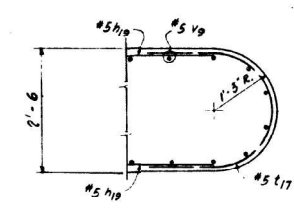


DIMENSIONS REINFORCING

ELEVATION
SCALE 1/4" = 1'-0"



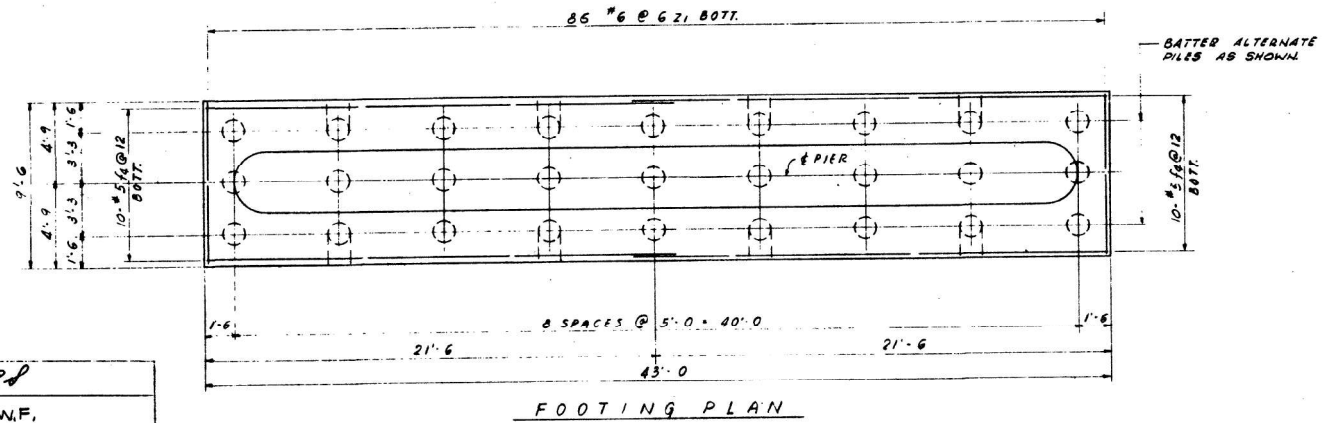
END VIEW



SECTION "C-C"

NOTES
FOR GENERAL NOTES SEE SH. #2
FOR REINFORCING SCHEDULE SEE SH. #15

PILE DATA
20 TON CROSSED TIMBER PILES
NUMBER REQ'D - 27
ESTIMATED LENGTH - 10 FT.



FOOTING PLAN

QUANTITIES FOR PIER 2		
ITEM	UNIT	TOTAL
CLASS "X" CONCRETE	CU. YDS.	86.6
REINFORCEMENT BARS	LBS.	9560
CROSSED PILES	LIN. FT.	270
TEST PILE (TIMBER)	EACH	1
METAL SHOES	EACH	27
CLASS "A" EXCAVATION FOR STRUCTURES	CU. YDS.	110

ILLINOIS DIVISION OF HIGHWAYS
ROCKFORD BYPASS
F.A. ROUTE 194
PROJECT F 283 (16) SECTION 4HB3
WINNEBAGO COUNTY

PIER 2

Designed By: Drawn By: L.W. Checked By: J.W.F.

DESIGNED	J.W.F.
CHECKED	J.W.F.
DRAWN	L.W.
CHECKED	J.W.F.

MODEL_PLOT
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ESCA PROJECT NO. 1140-22
PLOT SCALE = 0.1667 1/16"
PLOT DATE = 8/4/2022

DESIGNED - KJK
DRAWN - KJK
CHECKED - ELH
DATE - 06/19

REVISED -
REVISED -
REVISED -
REVISED -

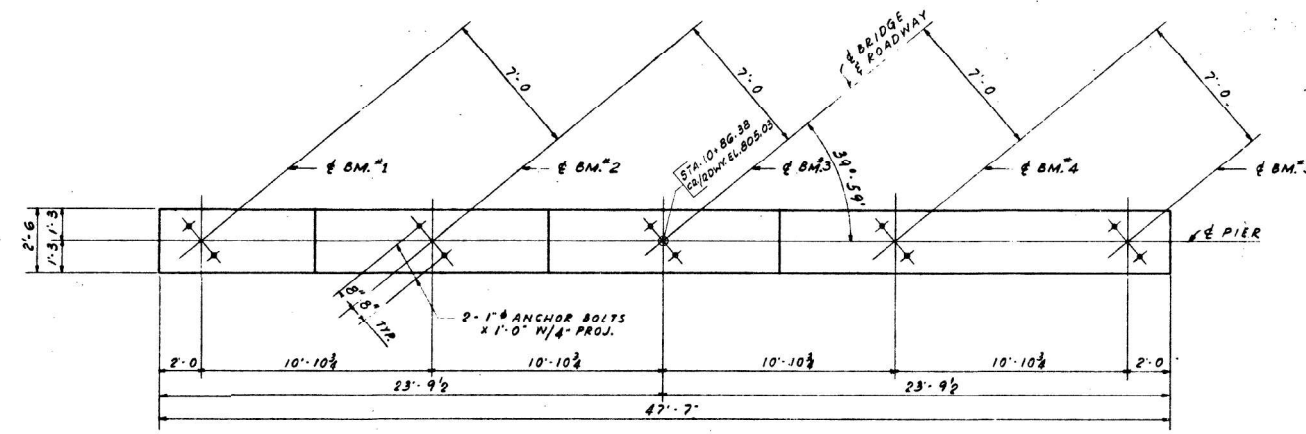
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING BRIDGE PLANS

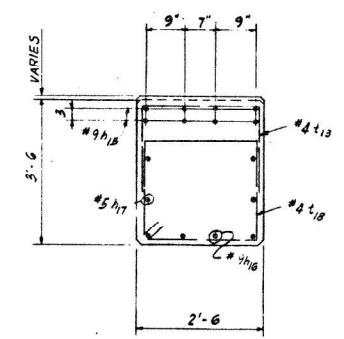
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HB-3	WINNEBAGO	158	71
			CONTRACT NO. 64G68	
ILLINOIS FED. AID PROJECT				

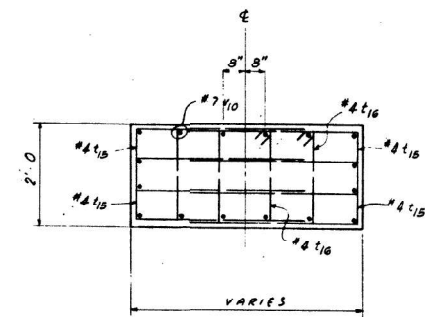
ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
F.A. 194	4HB3	WINNEBAGO	25	8
STA. 10+00 TO STA. 10+00		FED. ROAD DIST. NO. 7 ILLINOIS		



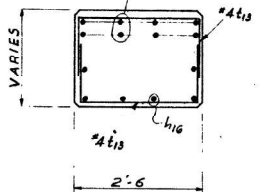
TOP PLAN
SCALE 1/4" = 1'-0"



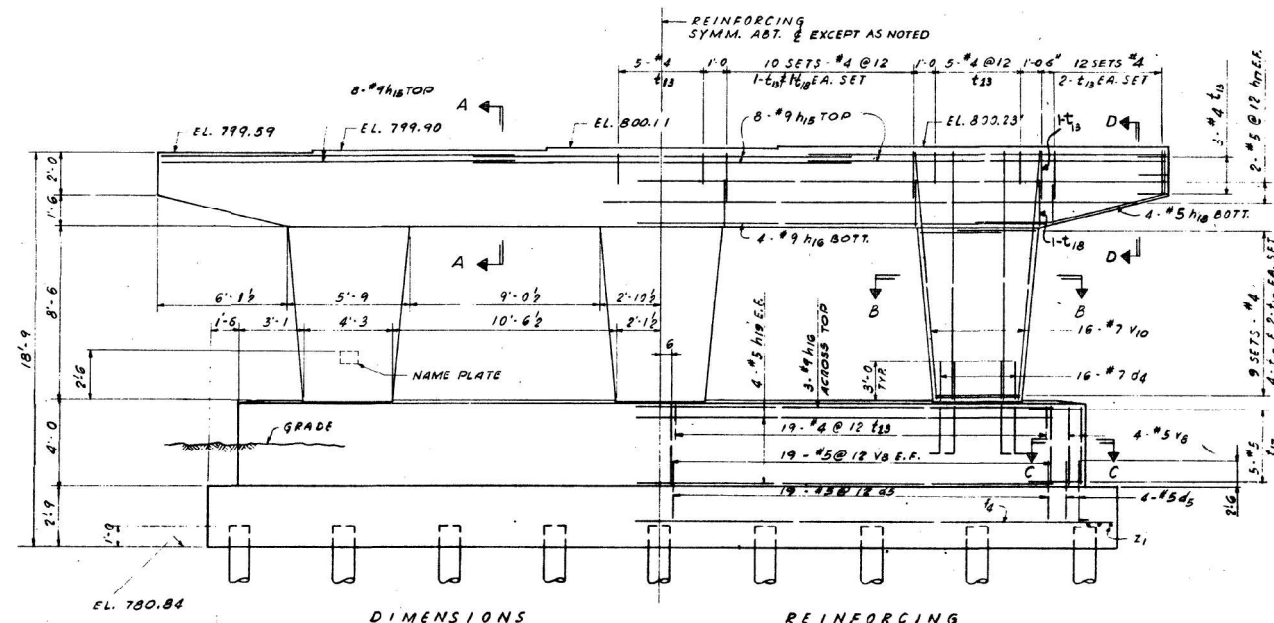
SECTION A-A



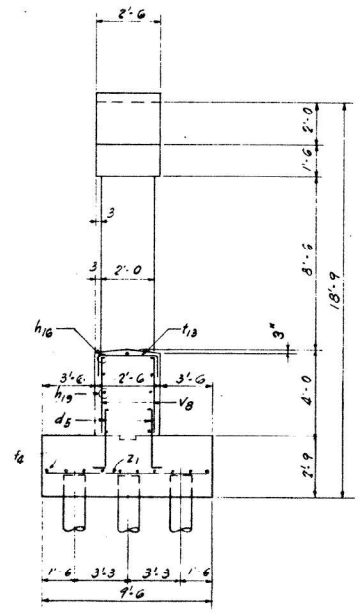
SECTION B-B



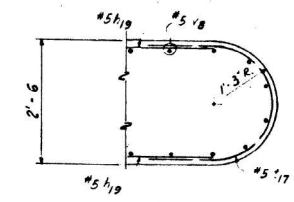
SECTION D-D



ELEVATION
SCALE 1/4" = 1'-0"



END VIEW

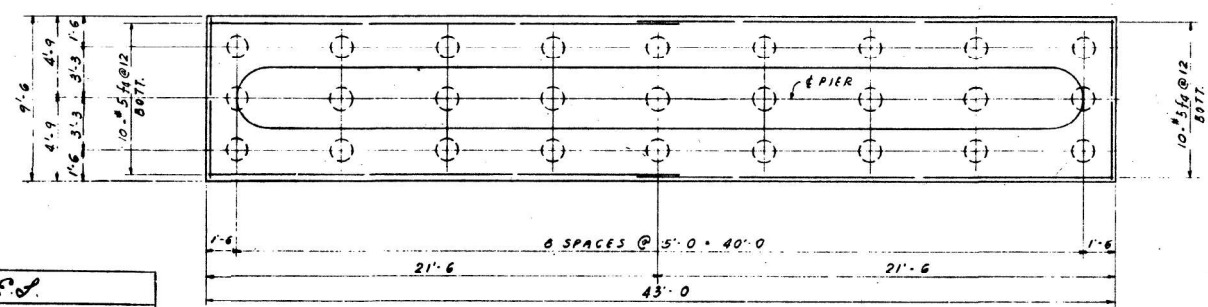


SECTION C-C

NOTE: PLACE A NAME PLATE ON THE NORTH FACE AT THE WEST END.

NOTES
FOR GENERAL NOTES SEE SH. #2
FOR REINFORCING SCHEDULE SEE SH. #15

PILE DATA
20 TON CREOSOTED TIMBER PILES
NUMBER REQ'D - ??
ESTIMATED LENGTH - 10 FT.



FOOTING PLAN

QUANTITIES FOR PIER 3		
ITEM	UNIT	TOTAL
CLASS "X" CONCRETE	CU. YDS.	77.3
REINFORCEMENT BARS	LBS.	8610
CREOSOTED PILES	LIN. FT.	270
METAL SHOES	EACH	27
CLASS "A" EXCAVATION FOR STRUCTURES	CU. YDS.	52

**ILLINOIS DIVISION OF HIGHWAYS
ROCKFORD BYPASS**

F. A. ROUTE 194
PROJECT F284 (16) SECTION 4HB3
WINNEBAGO COUNTY

PIER 3

Designed By: _____ Drawn By: L.W. Checked By: J.W.F.

DESIGNED	KJK
CHECKED	J.W.F.
DRAWN	L.W.
CHECKED	J.W.F.

MODEL_PLOT
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ESCA PROJECT NO. 1140.22
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PLOT DATE = 8/4/2022

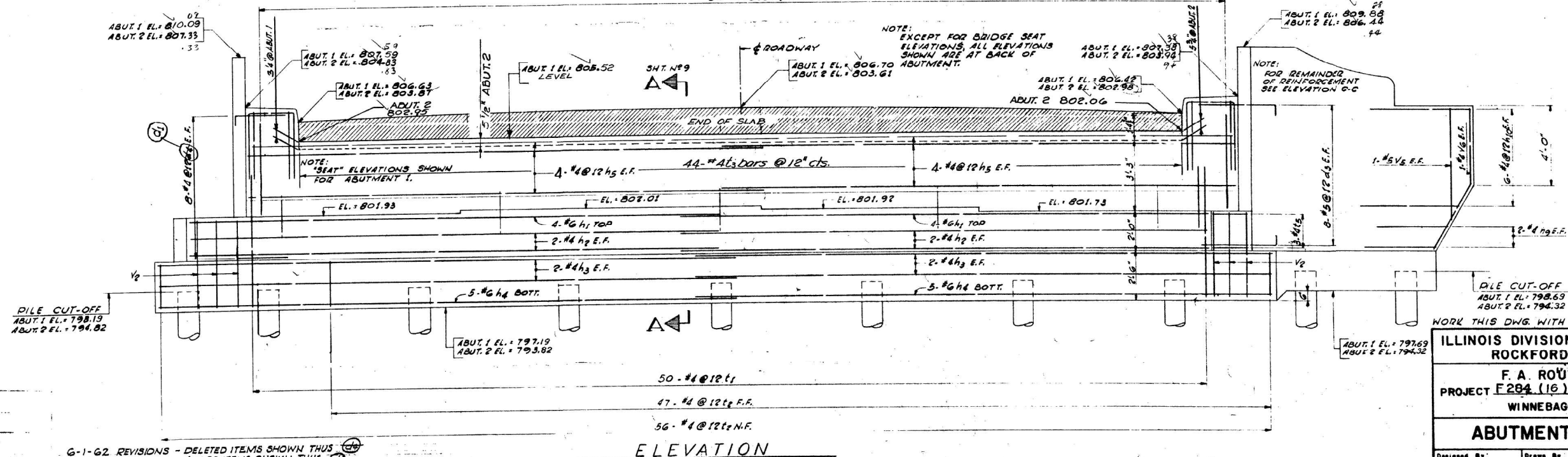
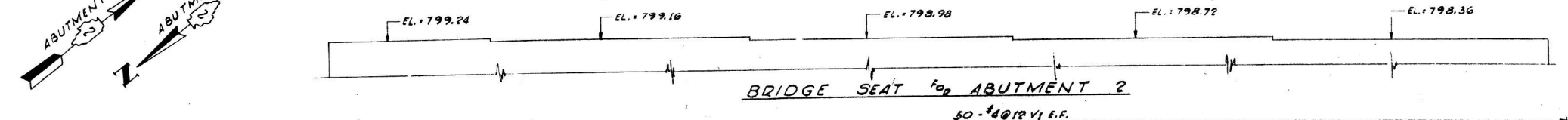
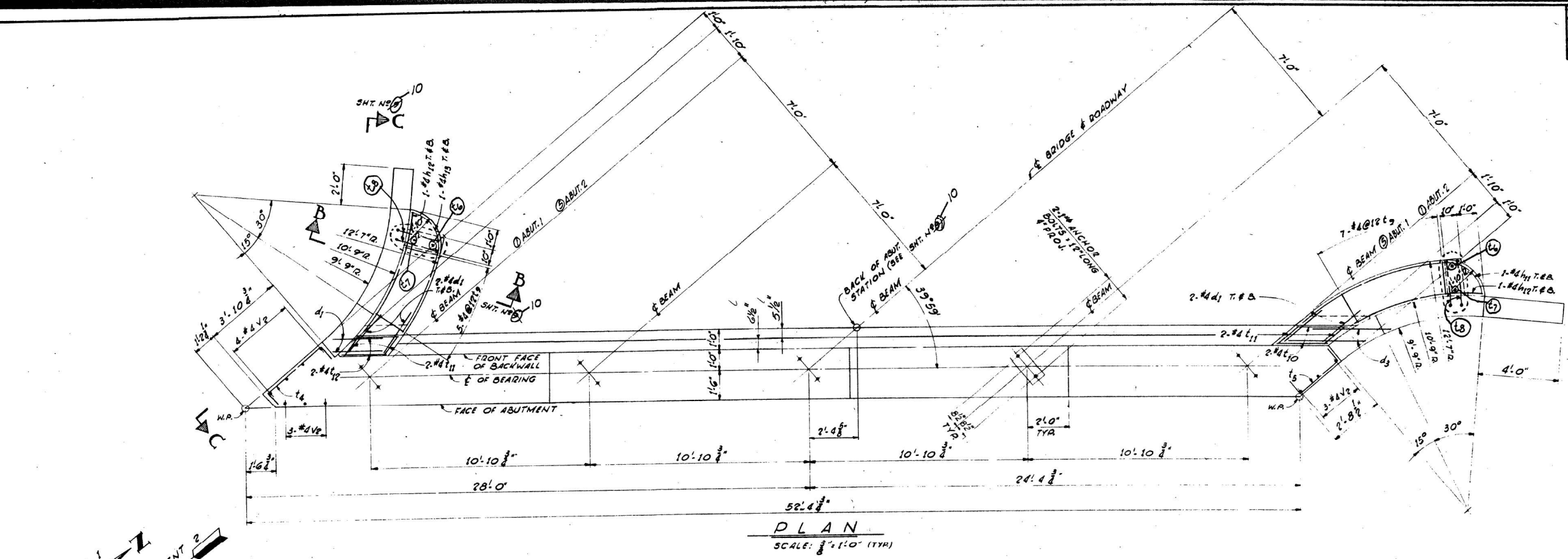
DESIGNED -	KJK	REVISED -	
DRAWN -	KJK	REVISED -	
CHECKED -	ELH	REVISED -	
DATE -	06/19	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING BRIDGE PLANS
SCALE: NONE SHEET NO. 4 OF 13 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HB-3	WINNEBAGO	158	72
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
F.A. 194	4HB3	WINNEBAGO	25	9
STA.	TO STA.			
FED. ROAD DIST. NO. 7 ILLINOIS				



J.W.F.
 J.W.F.
 J.W.F.

G-1-G2 REVISIONS - DELETED ITEMS SHOWN THUS (C)
 W.C.K. ADDED ITEMS SHOWN THUS (D)

ELEVATION

ILLINOIS DIVISION OF HIGHWAYS
 ROCKFORD BYPASS
 F.A. ROUTE 194
 PROJECT F294 (16) SECTION 4HB3
 WINNEBAGO COUNTY
ABUTMENTS PART I

Designed By: _____ Drawn By: _____ Checked By: J.W.F.

MODEL_PLOT
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 PLOT SCALE = 0.1667 1 / in.
 PLOT DATE = 8/4/2022

DESIGNED - KJK
 DRAWN - KJK
 CHECKED - ELH
 DATE - 06/19

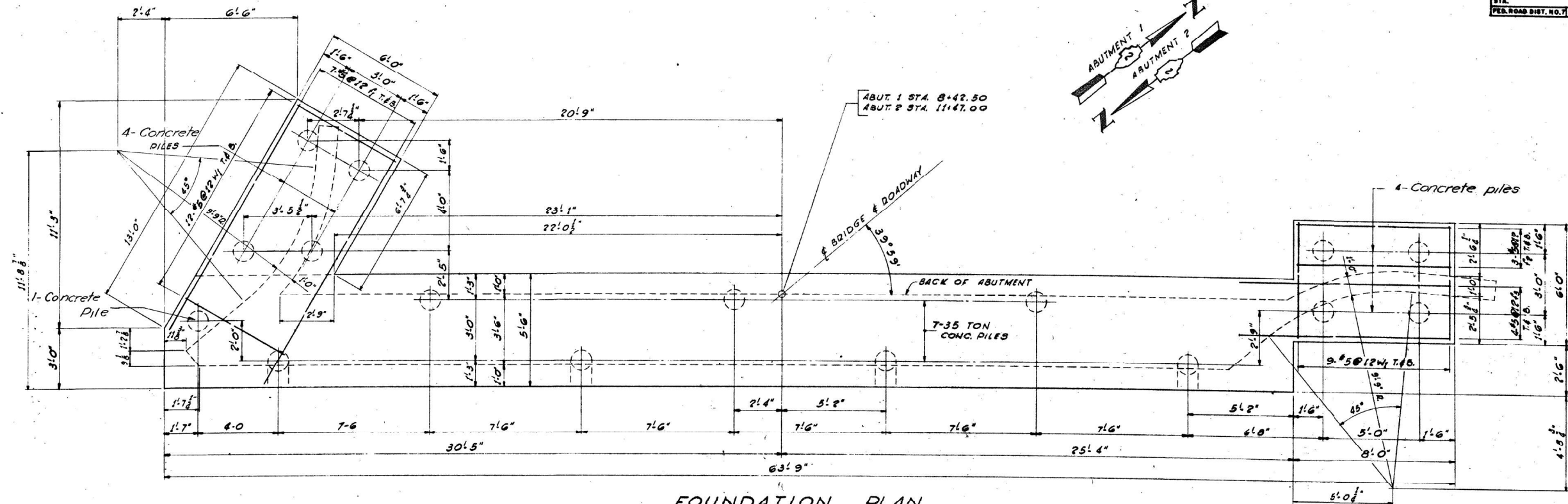
REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

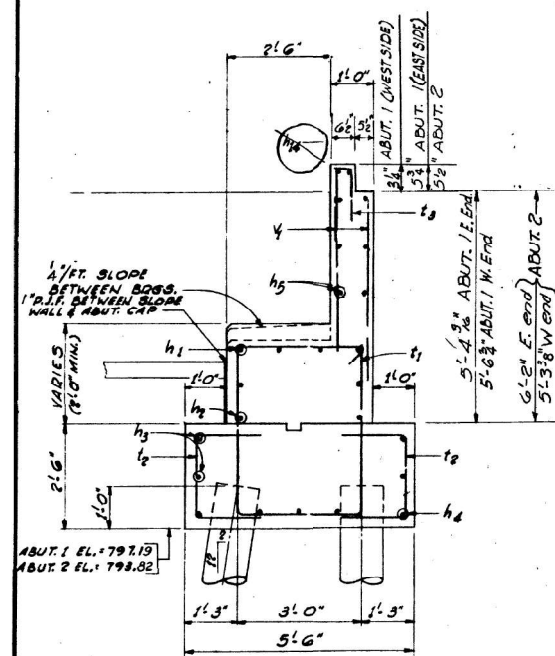
EXISTING BRIDGE PLANS
 SCALE: NONE SHEET NO. 5 OF 13 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HB-3	WINNEBAGO	158	73
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

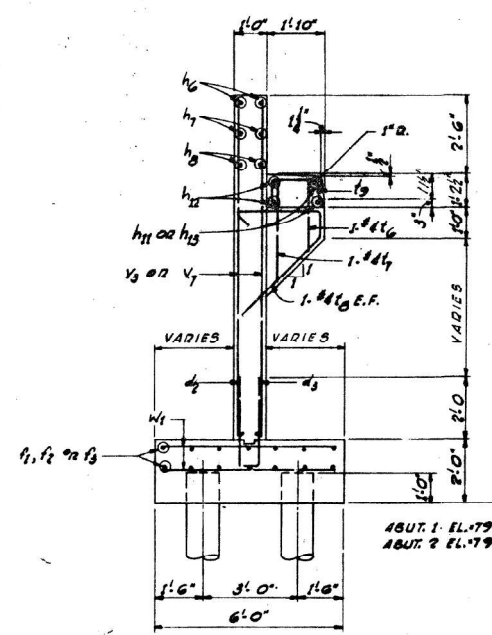
ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
F.A. 194	4HB3	WINNEBAGO	25	10
STA.	TO STA.			
FED. ROAD DIST. NO. 7 ILLINOIS				



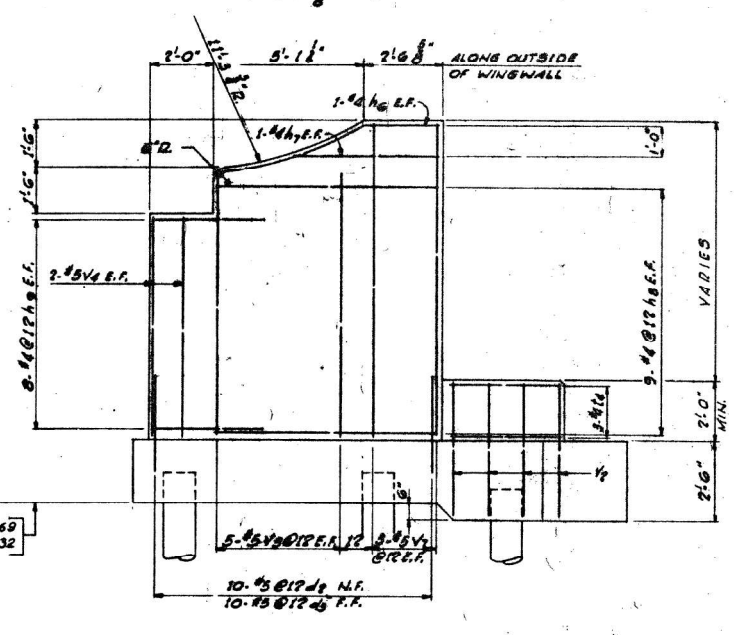
FOUNDATION PLAN
SCALE: 1/8" = 1'-0"



SECTION A-A
SCALE: 1/8" = 1'-0"



SECTION B-B
SCALE: 1/8" = 1'-0"



ELEVATION C-C
SCALE: 1/8" = 1'-0"

NOTES
FOR GENERAL NOTES SEE SHT. NO. 2
FOR REINFORCING SCHEDULE SEE SHT. NO. 15
WORK THIS DWS. WITH SHT. NO. 16

PILE DATA
35 TON CONCRETE PILES
ESTIMATED LENGTH: 25 FT.
NUMBER REQUIRED: 32 (INCLUDING 1 TEST PILE)

QUANTITIES FOR ABUTMENTS (2)

ITEM	UNIT	TOTAL
CLASS X CONCRETE	CYDS.	137.5
REINFORCEMENT BARS	LB.	6000
CONCRETE PILES	LINE FT.	775
TEST PILES (CONCRETE)	EACH	1

ILLINOIS DIVISION OF HIGHWAYS
ROCKFORD BYPASS
F.A. ROUTE 194
PROJECT F284 (16) SECTION 4HB3
WINNEBAGO COUNTY
ABUTMENTS PART 2

J.W.F.
G-1-G2 REVISIONS - DELETED ITEMS SHOWN THUS
W.C.K. ADDED ITEMS SHOWN THUS

MODEL_PLOT
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ESCA PROJECT NO. 1140.22
PLOT SCALE = 0.1667 1/ in.
PLOT DATE = 8/4/2022

DESIGNED - KJK
DRAWN - KJK
CHECKED - ELH
DATE - 06/19

REVISED -
REVISED -
REVISED -
REVISED -

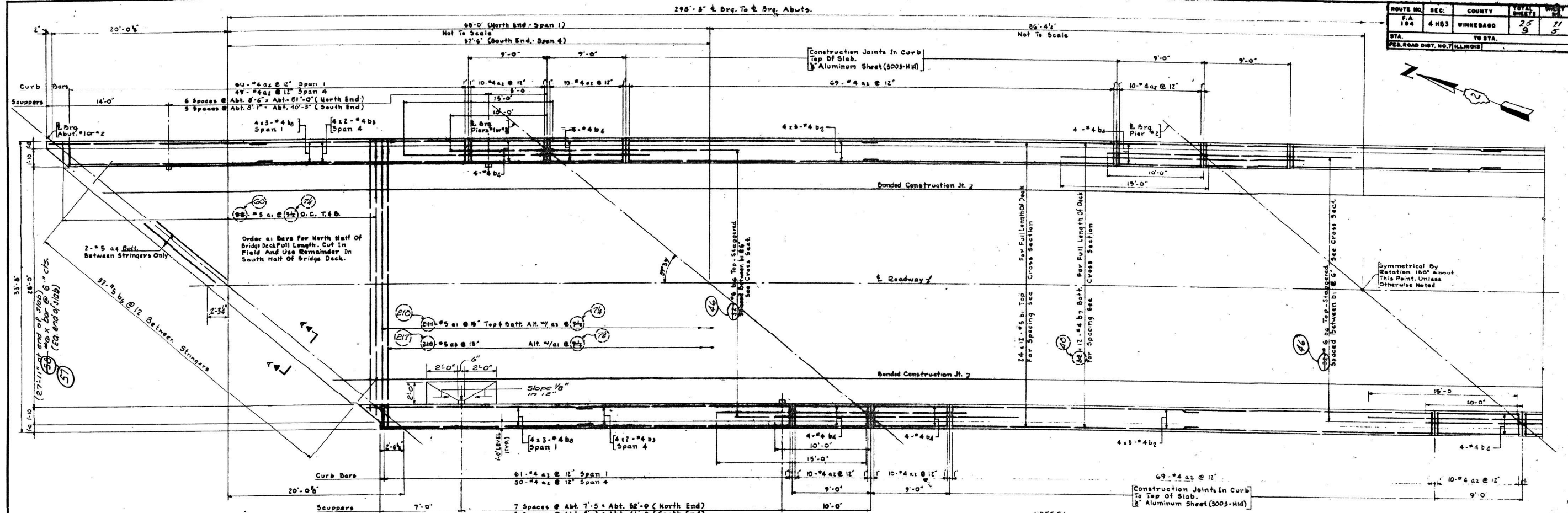
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING BRIDGE PLANS

SCALE: NONE SHEET NO. 6 OF 13 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HB-3	WINNEBAGO	158	74
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
F.A. 194	4 HB3	WINNEBAGO	25	7
STA. TO STA.				
PER ROAD DIST. NO. 7 ILLINOIS				

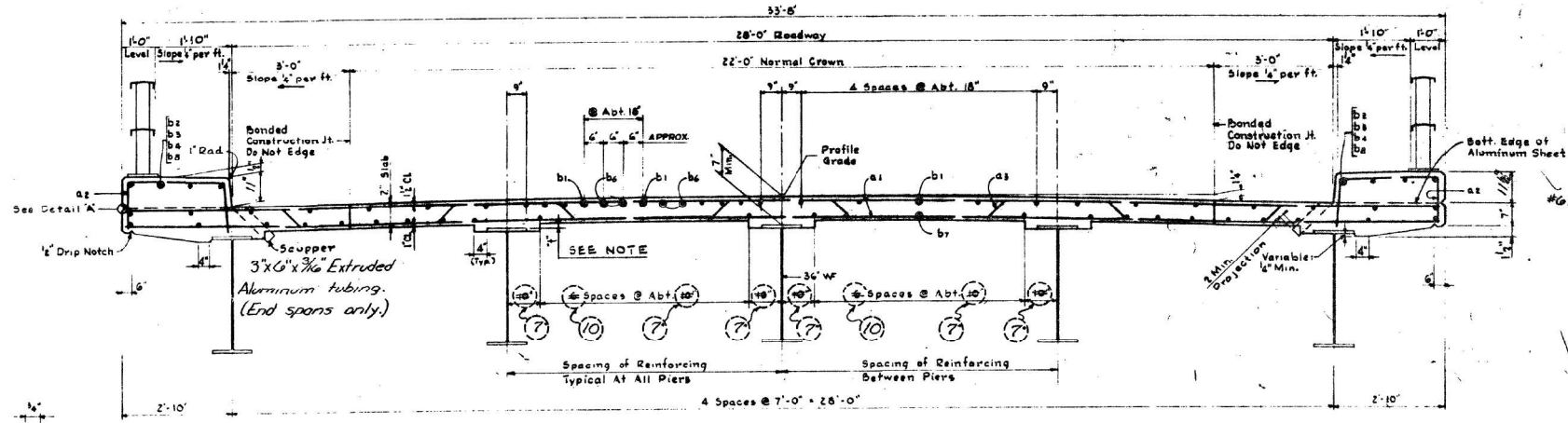


DECK REINFORCING PLAN
Scale: 1/8" = 1'-0"

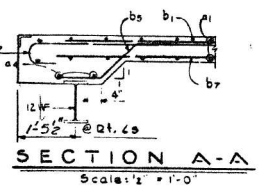
Bars Designated b2, b3, b4, b5 Shall Not Pass Thru Construction Joints.
Bars Designated 4x3-#4 Indicates That There Are 4 Rows & Each Row Contains 3 Lengths of Bars.

NOTES:
For general Notes See Sheet No. 2.
Method of Determining Fillet Heights "t".
After All Structural Steel Has Been Erected, Elevations of the Top Flanges of the Beams Shall be Taken At Intervals Not to Exceed 10 Feet. From These Elevations Subtract the Increment of Deflection For These Points, Determined From the Deflection Diagram. The Elevations So Obtained Subtract From the Theoretical Grade Elevations, Minus Floor Thickness, Equals the Fillet Heights Above Top of Beams.
For Reinforcing Schedule See Sheet 15-16.

REINFORCEMENT DESIGNATIONS
4x3-#4b2
NO. OF ROWS LENGTHS



CROSS SECTION
Scale: 1/2" = 1'-0"



SECTION A-A
Scale: 1/2" = 1'-0"

ITEM	UNIT	TOTAL
CLASS 'X' CONCRETE	Cu. Yds.	289.6
REINFORCEMENT BARS	Lbs.	49,950 (64,200)
STRUCTURAL STEEL	Lbs.	293,625

ILLINOIS DIVISION OF HIGHWAYS
ROCKFORD BYPASS
F.A. ROUTE 194
PROJECT F284 (16) SECTION 4-HB3
WINNEBAGO COUNTY

DECK PLAN

DETAIL 'A'
Scale: 3/4" = 1'-0"

DESIGNED BY: J.W.F.
DRAWN BY: G.M.G.
CHECKED BY: J.W.F.

REVISIONS 6-1-62 DELETED ITEMS SHOWN THUS ~~62~~
ADDED ITEMS SHOWN THUS 66
Revised 5/14/62 Part of Job (Distribution Steel) to G.T.Y. & T.B.D.E.S.

MODEL: PLOT
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USER NAME = IRC	DESIGNED - KJK	REVISED -
ESCA PROJECT NO. 1140.22	DRAWN - KJK	REVISED -
PLOT SCALE = 0.1667 1/ in.	CHECKED - ELH	REVISED -
PLOT DATE = 8/4/2022	DATE - 06/19	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING BRIDGE PLANS

SCALE: NONE SHEET NO. 7 OF 13 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HR-3	WINNEBAGO	158	75
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
F.A. 194	4HR3	WINNEBAGO	25	12
STA.	TO STA.		9	12
FED. ROAD DIST. NO. 7 ILLINOIS				

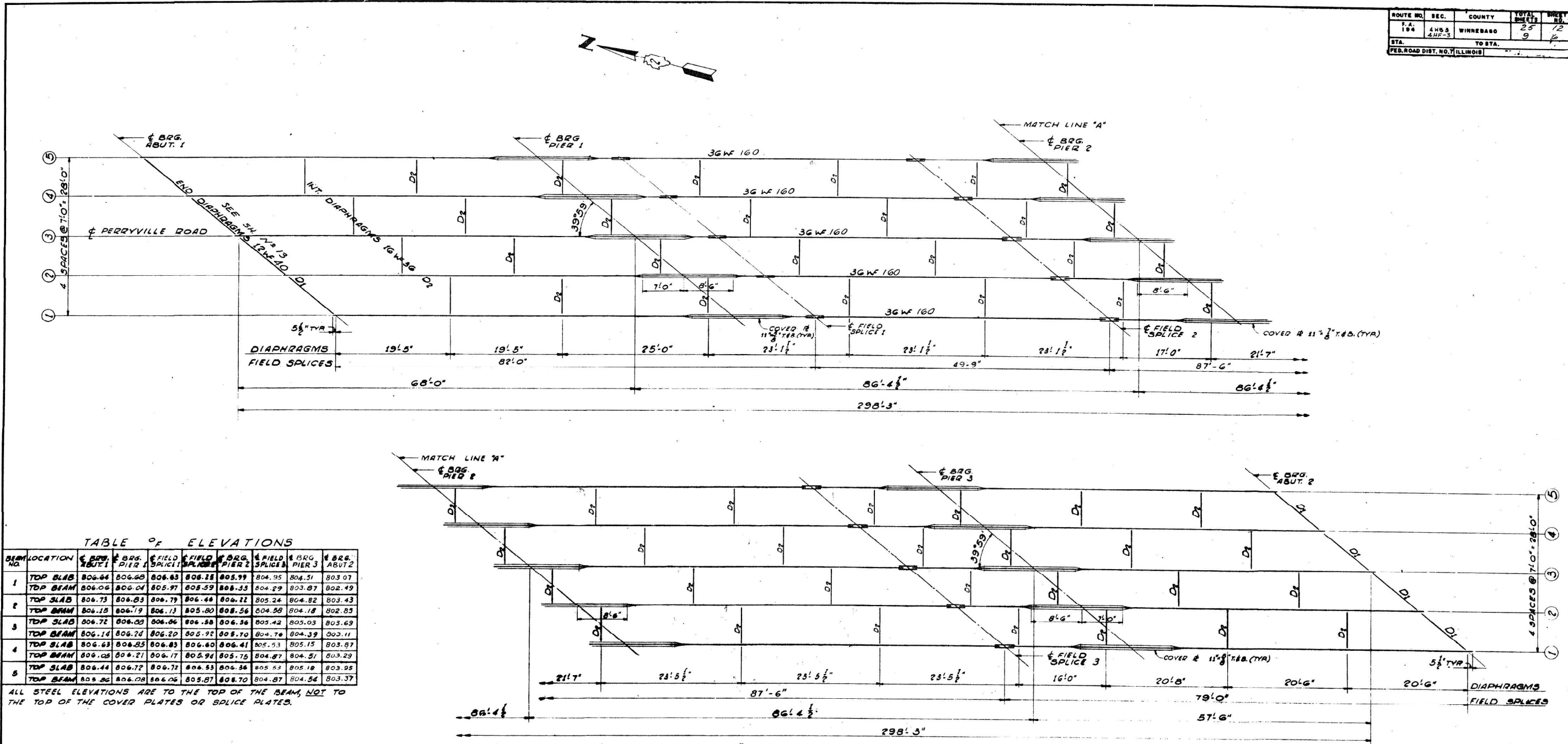
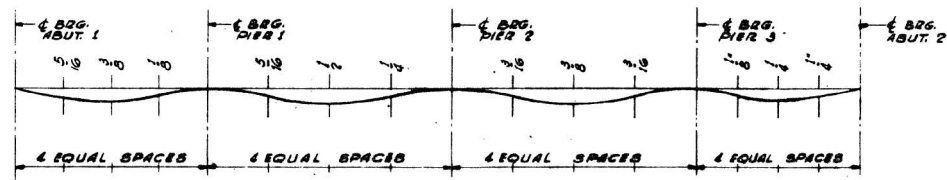


TABLE OF ELEVATIONS

BEAM NO.	LOCATION	BRG. ABUT. 1	BRG. PIER 1	FIELD SPICE 1	FIELD SPICE 2	BRG. PIER 2	FIELD SPICE 3	BRG. PIER 3	BRG. ABUT. 2
1	TOP SLAB	806.64	806.60	806.63	806.28	805.99	804.95	804.51	803.07
	TOP BEAM	806.06	806.04	805.97	805.59	805.35	804.29	803.87	802.49
2	TOP SLAB	806.73	806.63	806.79	806.44	806.22	805.24	804.82	803.43
	TOP BEAM	806.15	806.19	806.13	805.80	805.56	804.58	804.18	802.85
3	TOP SLAB	806.72	806.05	806.86	806.58	806.36	805.42	805.03	803.69
	TOP BEAM	806.14	806.26	806.20	805.92	805.70	804.76	804.39	803.11
4	TOP SLAB	806.63	806.25	806.83	806.60	806.41	805.53	805.15	803.87
	TOP BEAM	806.05	806.21	806.17	805.94	805.75	804.87	804.51	803.29
5	TOP SLAB	806.44	806.72	806.72	806.53	806.36	805.53	805.18	803.98
	TOP BEAM	805.86	806.08	806.06	805.87	805.70	804.87	804.54	803.37

ALL STEEL ELEVATIONS ARE TO THE TOP OF THE BEAM, NOT TO THE TOP OF THE COVER PLATES OR SPICE PLATES.

FRAMING PLAN
SCALE: 1/8" = 1'-0"



DEAD LOAD DEFLECTION DIAGRAM
(FOR SLAB ONLY)

DESIGNED BY: J.W.F.
DRAWN BY: J.W.F.
CHECKED BY: J.W.F.

**ILLINOIS DIVISION OF HIGHWAYS
ROCKFORD BYPASS**

F.A. ROUTE 194
PROJECT F284 (16) SECTION 4HR3
WINNEBAGO COUNTY

STEEL FRAMING PLAN

Designed By: _____ Drawn By: _____ Checked By: J.W.F.

MODEL: PLOT FILE: NAME: X:\PLOT1140-22_64668\CADD\HRR\BYCADD_Sheets\0264668-rlr-centr08.dwg



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PLOT DATE = 8/4/2022

DESIGNED - KJK
DRAWN - KJK
CHECKED - ELH
DATE - 06/19

REVISED -
REVISED -
REVISED -
REVISED -

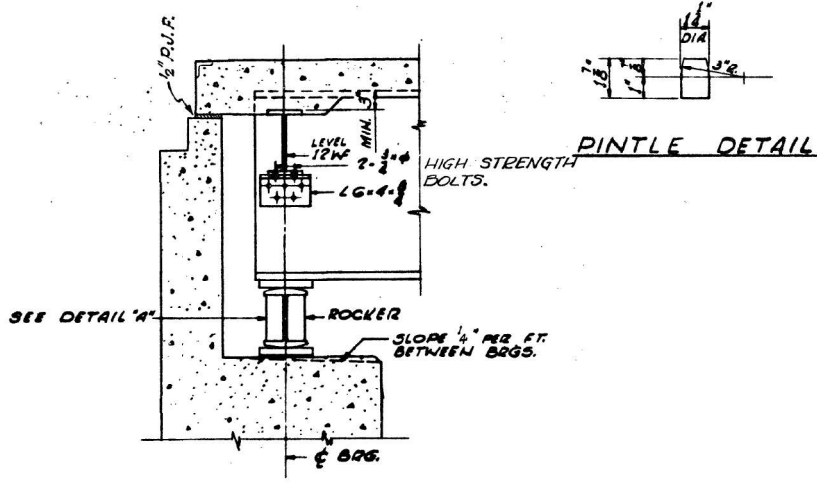
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING BRIDGE PLANS

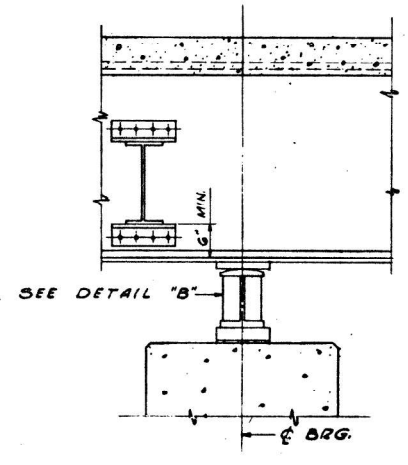
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

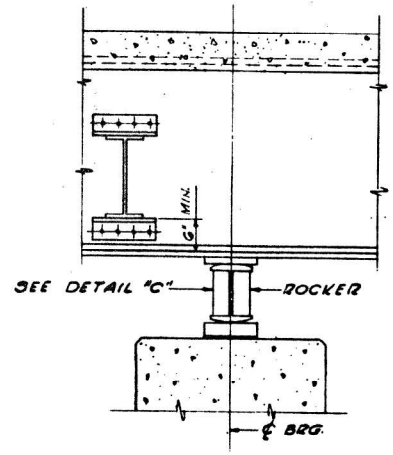
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194	4HB3	WINNEBAGO	158	77
STA. TO STA.				
FED. ROAD DIST. NO. 7 ILLINOIS				



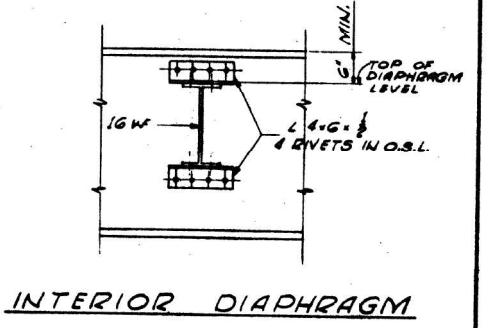
SECTION A₁ ABUTMENT.



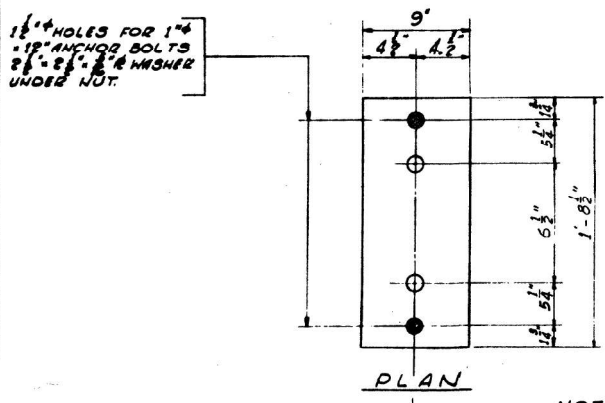
SECTION A₁ FIXED PIER



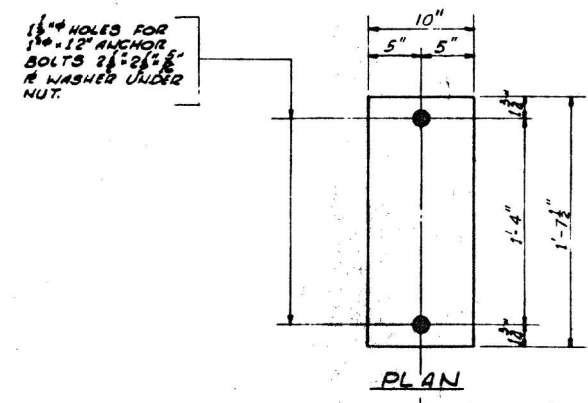
SECTION A₁ EXPANSION PIER



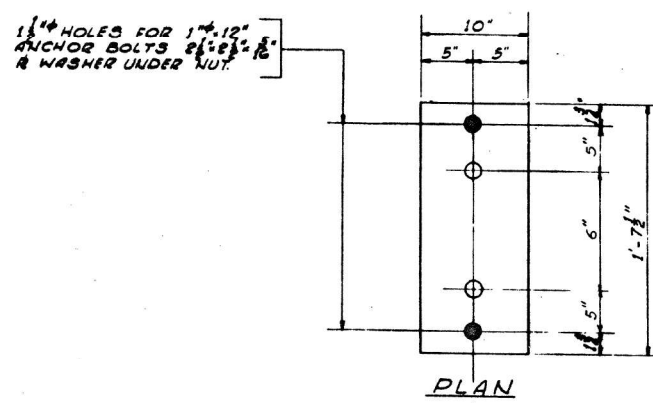
INTERIOR DIAPHRAGM



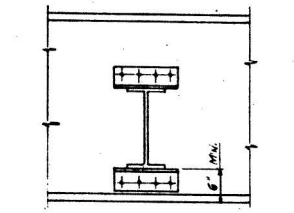
PLAN



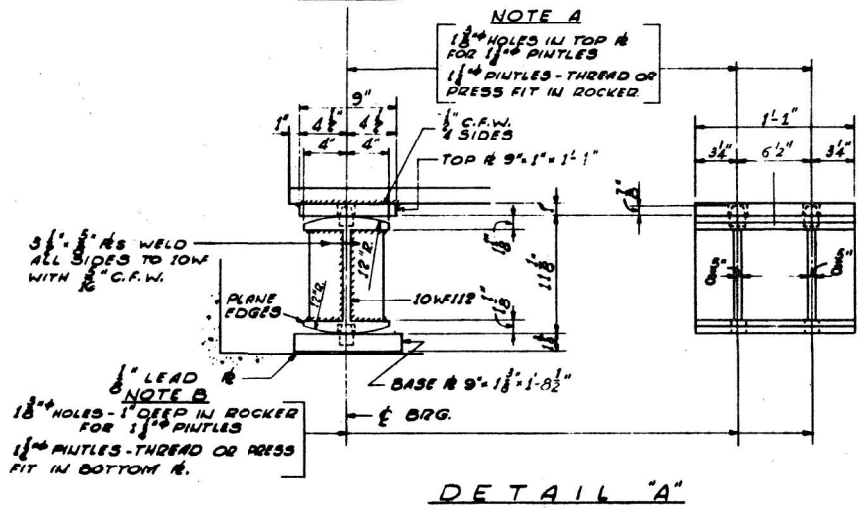
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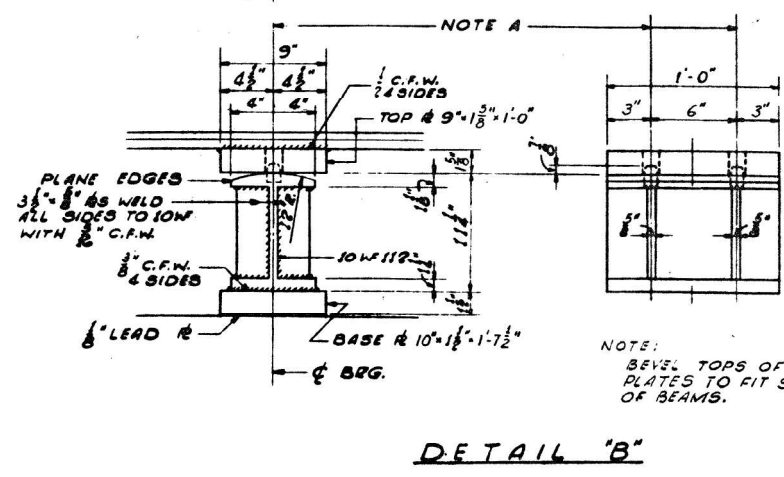
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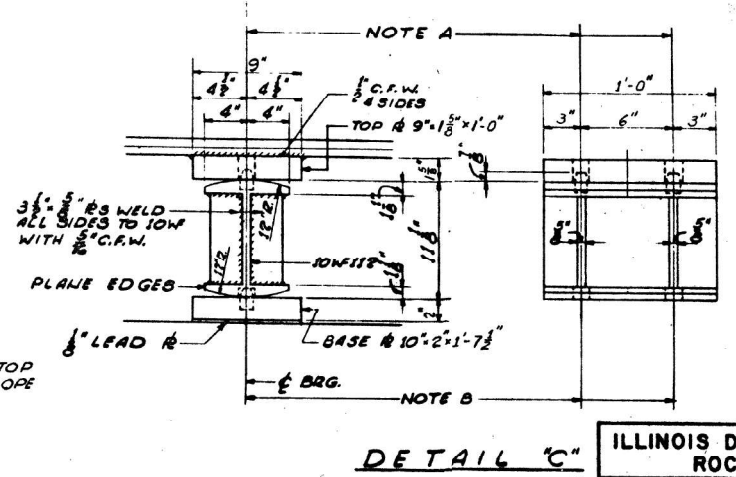
DIAPHRAGM A₁ SPLICE



DETAIL "A"



DETAIL "B"



DETAIL "C"

DESIGNED	J.W.F.
CHECKED	J.W.F.
DRAWN	J.W.F.
CHECKED	J.W.F.

ILLINOIS DIVISION OF HIGHWAYS ROCKFORD BYPASS	
F. A. ROUTE 194	
PROJECT F 284 (16)	SECTION 4HB3
WINNEBAGO COUNTY	
STEEL DETAILS PART I	
Designed By: J.B.M.	Checked By: J.W.F.

FOR SHIM PLATES SEE SHY. NO. 13.
FOR STEEL FRAMING SEE SHY. NO. 11.

MODEL PLOT FILE NAME: X:\PLOT1140-22_64668\CADD\Hwy\ROAD_Sheets\064668-11c-09.dwg



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PLOT DATE	= 8/4/2022

DESIGNED	- KJK
DRAWN	- KJK
CHECKED	- ELH
DATE	- 06/19

REVISED	-
REVISED	-
REVISED	-
REVISED	-

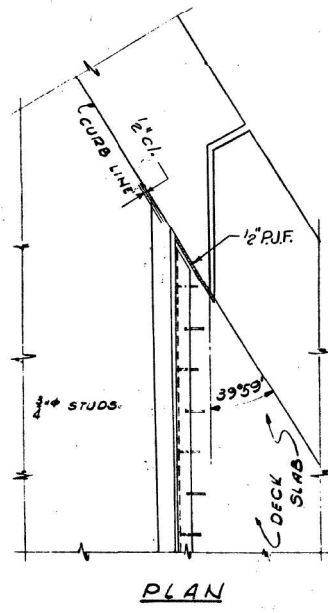
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING BRIDGE PLANS

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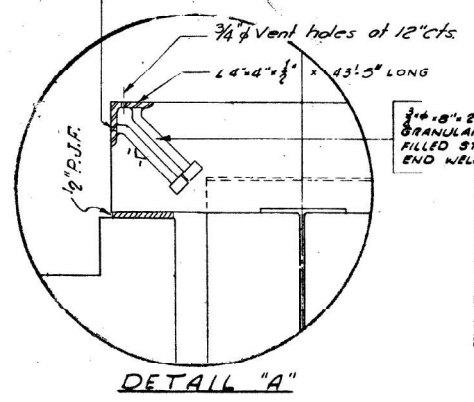
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HB-3	WINNEBAGO	158	77
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
F.A. 194	4HB3 4HF-3	WINNEBAGO	25	14
STA.		TO STA.		
FED. ROAD DIST. NO. 7 ILLINOIS				



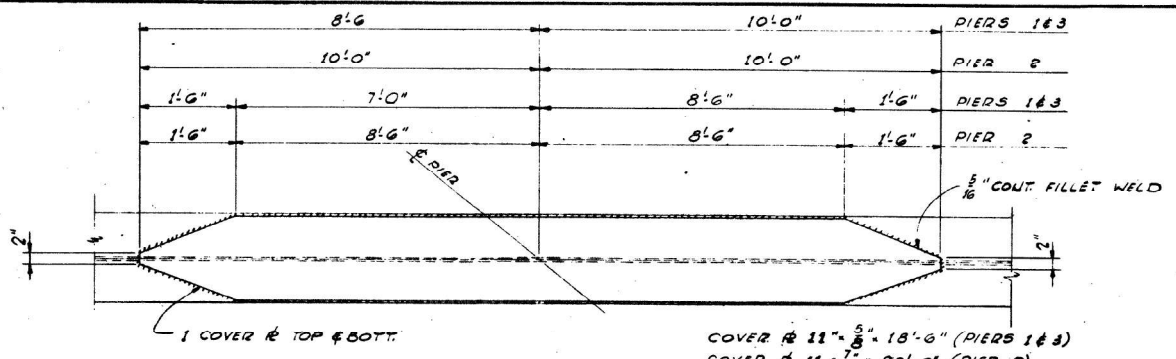
PLAN

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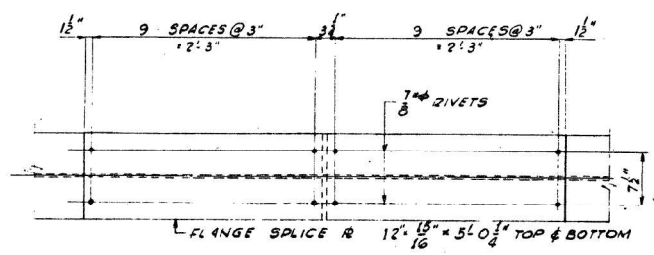


DETAIL "A"

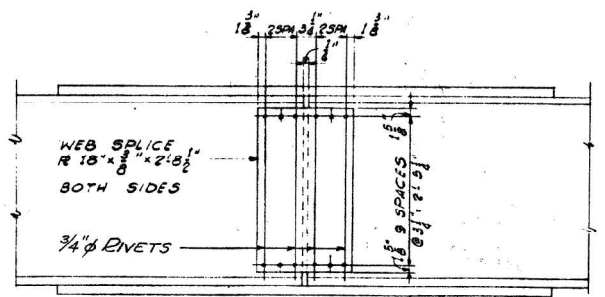
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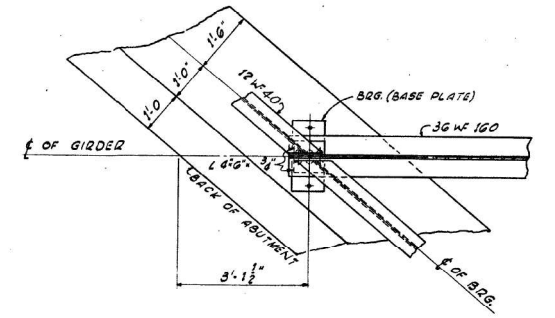
DETAIL OF COVER PLATES



FLANGE SPLICE R 12'-15\"/>



DETAIL OF SPLICE

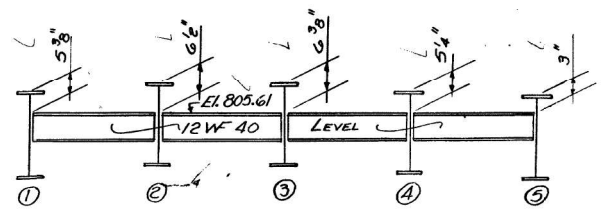


PLAN OF GIRDER AT ABUTMENT (TYPICAL)

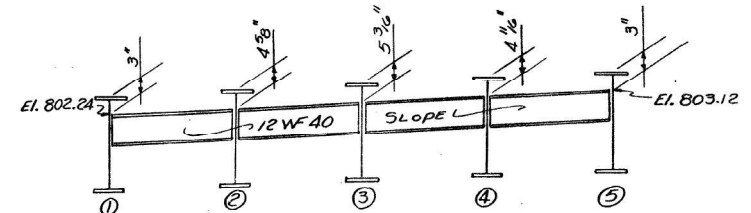
TABLE OF SHIM PLATES

BEARING ABUT.	PIER 1	PIER 2	PIER 3
1			
2	1 _B		
3		5 _B	
4	1 _A	5 _B	
5			3 _B

SHIM PLATES ARE TO HAVE SAME LENGTH, WIDTH AND BOLT HOLE LOCATIONS AS BEARING BASE PLATES. (SEE SHT. NO. 12)



END DIAPHRAGM AT NORTH ABUTMENT #1



END DIAPHRAGM AT SOUTH ABUTMENT #2

DESIGNED: E.S.
 CHECKED: J.W.F.
 DRAWN: J.W.F.
 CHECKED: J.W.F.

ILLINOIS DIVISION OF HIGHWAYS
 ROCKFORD BYPASS
 F.A. ROUTE 194
 PROJECT F284 (16) SECTION 4HB3
 WINNEBAGO COUNTY
STEEL DETAILS PART 2
 Designed By: J.W.F. Drawn By: J.W.F. Checked By: J.W.F.

FOR STEEL FRAMING SEE SHT. NO. 11.

MODEL: PLOT FILE: NAME: X:\PLOT1140-22_64G68\CADD\HBM\BY\CADD Sheets\0264G68-81c-rem10.dgn



USER NAME = IRC
 ESCA PROJECT NO. 1140.22
 PLOT SCALE = 0.1667 1/ in.
 PLOT DATE = 8/4/2022

DESIGNED - KJK
 DRAWN - KJK
 CHECKED - ELH
 DATE - 06/19

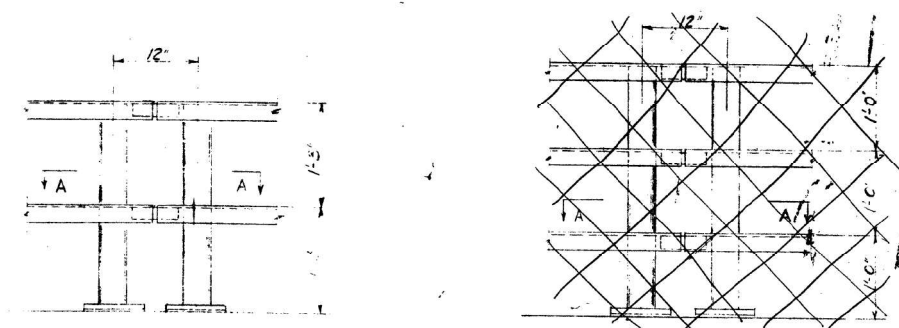
REVISED -
 REVISED -
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 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

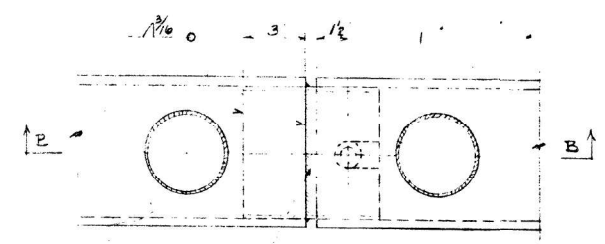
EXISTING BRIDGE PLANS

SCALE: NONE SHEET NO. 10 OF 13 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HB-3	WINNEBAGO	158	78
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

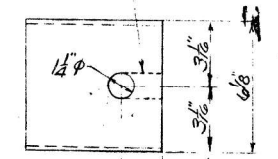


TYPICAL ELEVATION
@ PANEL JOINTS

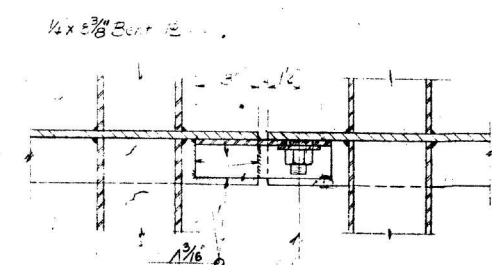


SECTION A-A

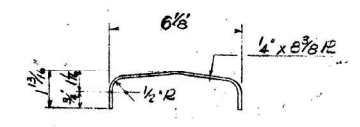
Use 1/4" pinched hole at all panel joints Use open slot at all expansion joints



PLAN



SECTION B-B



END VIEW

DETAIL 1/4" BENT PL.

3/4" x 1 1/2" GRANULAR OR SOLID FLUX
FILLED STUD TREADED FULL
LENGTH - AUTOMATICALLY END WELDED
OR 3/4" x 1 1/2" FULLY TREADED STUD
WELDED WITH 1/8" CFW. PROVIDE
WASHER AND LOCKNUT

EXAMINED *Nov. 10, 1959*
DESIGNED *[Signature]*
DRAWN *[Signature]*
APPROVED *[Signature]*
CHIEF HIGHWAY ENGINEER

Rev 11-30-59

CONNECTION DETAILS
FOR BENT PLATE
RAIL PANELS

MODEL_PLOT
FILE NAME: Y:\DOT\1140-22_64668\CADD\Hwy\CAAD Sheets\064668-shc.dwg



USER NAME = IRC	DESIGNED - KJK	REVISED -
ESCA PROJECT NO. 1140.22	DRAWN - KJK	REVISED -
PLOT SCALE = 0.1667' / in.	CHECKED - ELH	REVISED -
PLOT DATE = 8/4/2022	DATE - 06/19	REVISED -

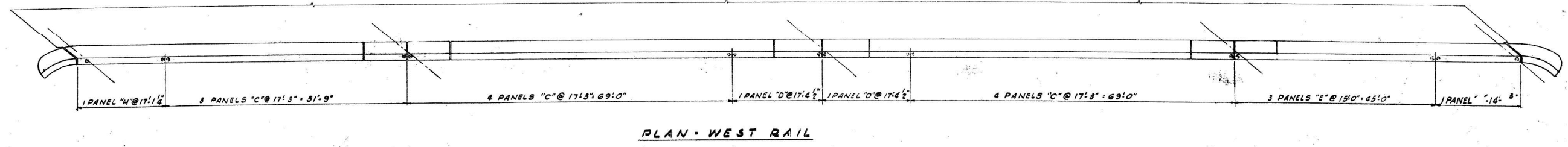
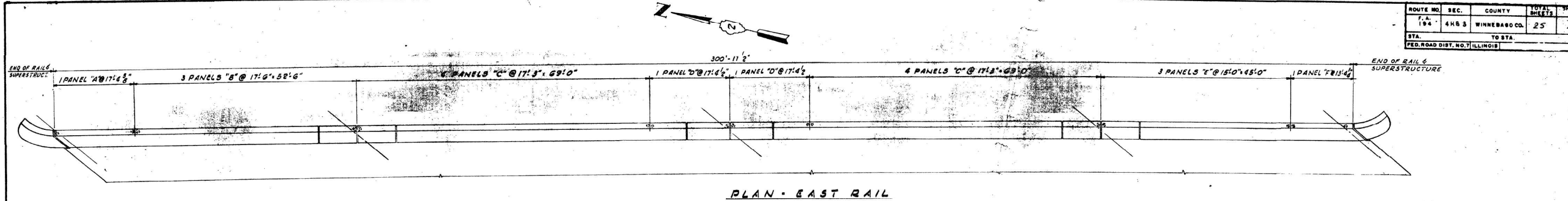
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING BRIDGE PLANS

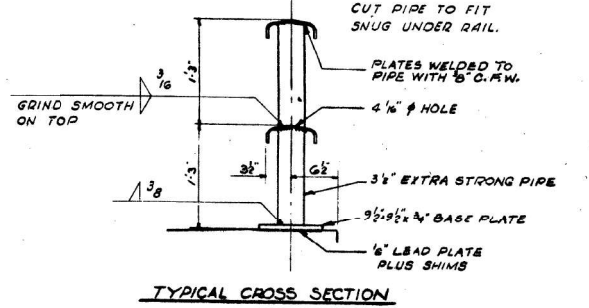
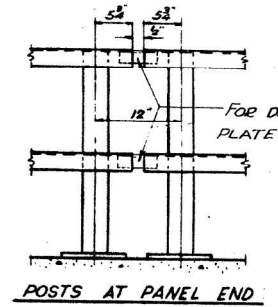
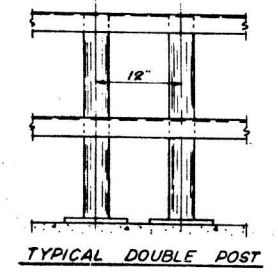
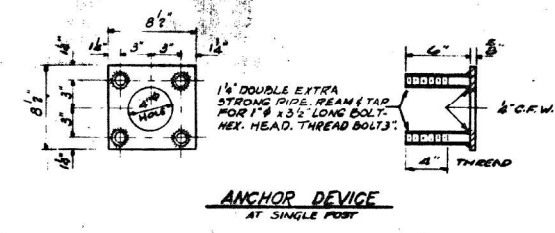
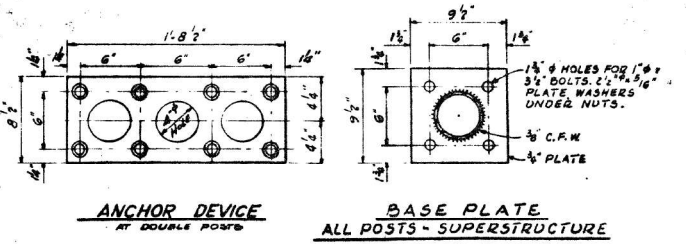
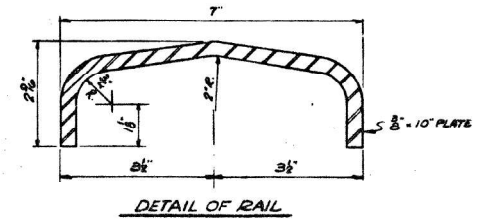
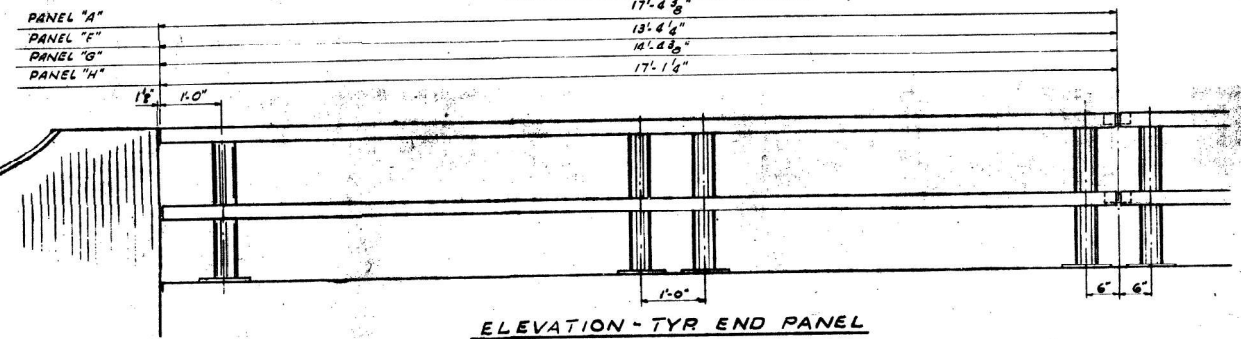
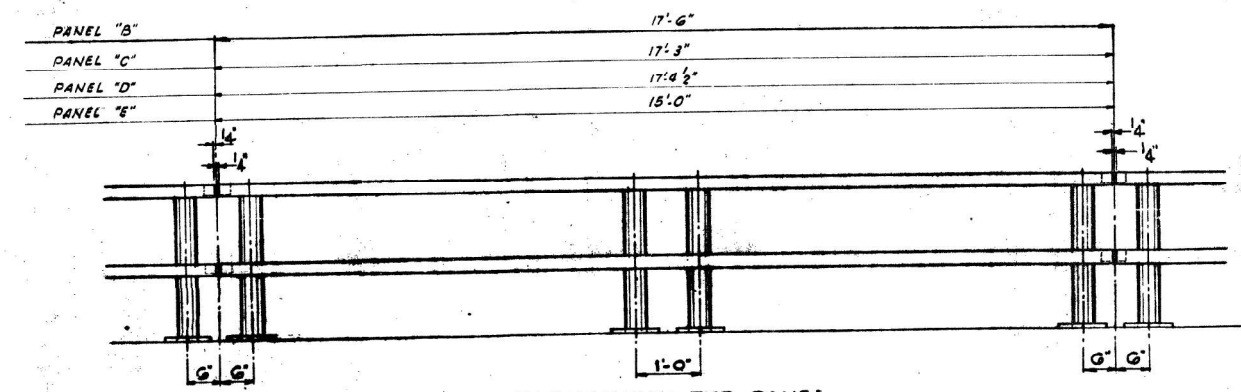
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HB-3	WINNEBAGO	158	79
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
F.A. 194	4HR3	WINNEBAGO CO.	25	15
STA.	TO STA.			
FED. ROAD DIST. NO. 7 ILLINOIS				



ALL BOLTS & WASHERS TO BE HOT-DIPPED GALVANIZED.
 PROVIDE 1-1/8" x 2-1/16" SHIMS FOR 50% OF THE POSTS.



BILL OF MATERIAL

METAL HANDRAIL	LN.	FT.	QTY
			602

**ILLINOIS DIVISION OF HIGHWAYS
 ROCKFORD BYPASS**

F.A. ROUTE 194
 PROJECT F284 (16) SECTION 4HR3
 WINNEBAGO COUNTY

HANDRAIL DETAILS

Designed By: _____ Drawn By: _____ Checked By: _____

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 ESCA PROJECT NO. 1140.22
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 PLOT DATE = 8/4/2022

DESIGNED - KJK
 DRAWN - KJK
 CHECKED - ELH
 DATE - 06/19

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EXISTING BRIDGE PLANS

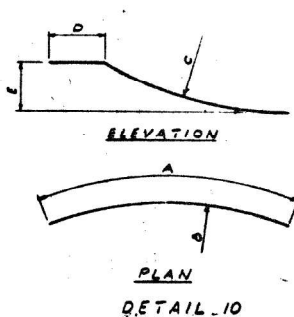
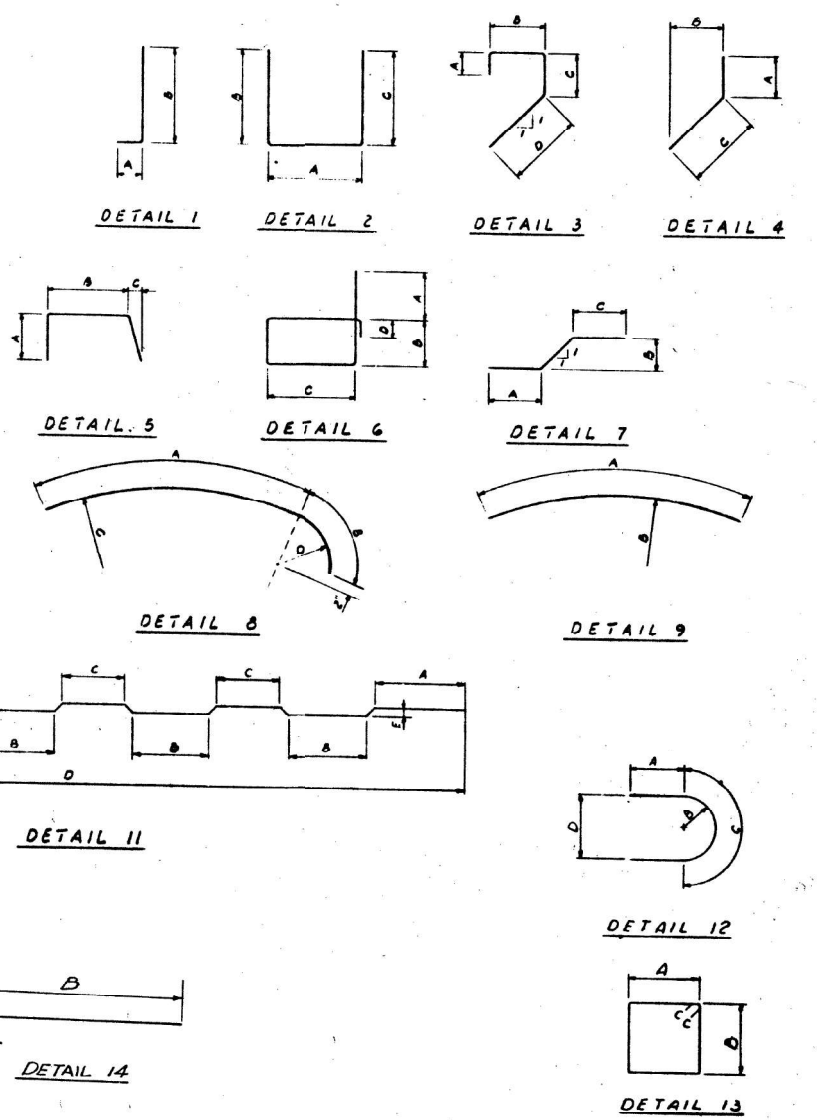
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HR-3	WINNEBAGO	158	80
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

B A R S C H E D U L E

ROUTE 194	SEC. 4HB-3	COUNTY WINNEBAGO	TOTAL SHEETS 25	SHEET NO. 16
STA. TO STA.			FED. ROAD DIST. NO. ILLINOIS	

BAR NO.	SIZE	LENGTH	DETAIL	DIMENSIONS					BAR NO.	SIZE	LENGTH	DETAIL	DIMENSIONS					BAR NO.	SIZE	LENGTH	DETAIL	DIMENSIONS																	
				A	B	C	D	E					A	B	C	D	E					A	B	C	D	E													
PIER 1																				ABUTMENTS 1 & 2										DECK									
h15	24	#9	17-3	-						h1	16	#6	27-0	-							a1	550	#5	33-3	-														
h16	14	#9	18-9	-						h2	16	#4	26-6	-							a2	216	#4	5-2	5	1-A	2-6	0-1											
h17	8	#5	24-9	-						h3	16	#4	28-6	-							a3	216	#5	34-8	11	4-1	3-6	2-9	33-5	0-4 1/2									
h18	8	#5	9-6	4	3-6	1-6	6-0			h4	20	#6	28-6	-						a4	216	#5	10-6	-															
h19	16	#5	19-6	-						h5	24	#4	25-6	-																									
										h6	8	#4	8-0	10	7-9	10-3	11-5 1/2	2-6	1-6	b1	288	#5	27-0	-															
V7	48	#7	13-9	-						h7	8	#4	5-3	9	5-3	10-3				b2	48	#4	23-6	-															
V8	84	#5	3-6	-						h8	72	#4	7-9	9	7-9	10-3				b3	16	#4	25-3	-															
d4	48	#7	5-6	1	0-6	5-0				h9	40	#4	3-6	-						b4	48	#4	8-9	-															
d5	84	#5	4-6	1	0-6	4-0				h10	24	#4	5-0	-						b5	64	#5	3-9	7	1-9	0-8	1-0												
t13	107	#4	5-9	2	2-3	1-9	1-9			h11	4	#4	11-3	8	8-6	2-9	12-5	1-8	(130)	b6	288	#6	25-0	-															
t14	22	#4	12-0	13	2-3	3-4	0-5			h12	8	#4	6-6	9	6-6	10-11				b7	288	#4	27-0	-															
t15	132	#4	8-8	2	1-2	3-9	3-9			h12	4	#4	7-0	8	4-3	2-9	12-5	1-8		b8	24	#4	20-9	-															
t16	66	#4	9-3	13	2-6	1-9	0-4 1/2			V1	200	#4	6-0	-						X	570	#6	5-0	14	0-8	4-4													
t17	10	#5	6-6	12	1-6	1-1 1/2	3-6	2-3		V2	14	#4	4-0	-																									
f4	20	#5	22-0	-						V3	6	#5	8-0	-																									
z1	86	#6	9-0	-						V4	4	#5	6-6	-																									
										V5	4	#5	5-0	-																									
										V6	4	#4	7-6	4	3-9	2-0	3-9																						
										V7	24	#5	10-4	-																									
										d1	4	#4	3-0	-																									
										d2	40	#5	4-0	-																									
										d3	64	#5	4-6	1	0-6	4-0																							
PIER 2																				DECK										DECK									
h15	24	#9	17-3	-						t1	100	#4	17-0	6	2-6	4-0	3-0	0-6																					
h16	14	#9	18-9	-						t2	206	#4	5-0	2	2-0	1-6	1-6																						
h17	8	#5	24-9	-						t3	156	#4	1-6	1	0-4	1-2																							
h18	8	#5	9-6	4	3-6	1-6	6-0			t4	6	#4	5-0	2	3-6	0-9	0-9																						
h19	24	#5	19-6	-						t5	6	#4	4-0	2	2-6	0-9	0-9																						
V7	48	#7	13-9	-						t6	4	#4	5-0	2	0-6	2-3	2-3																						
V8	84	#5	5-6	-						t7	4	#4	7-0	2	0-6	3-3	3-3																						
d4	48	#7	5-6	1	0-6	5-0				t8	8	#4	7-3	3	0-6	2-6	0-9	3-6																					
d5	84	#5	4-6	1	0-6	4-0				t9	24	#4	2-11	5	0-9	1-5	0-1																						
t13	129	#4	5-9	2	2-3	1-9	1-9			t10	4	#4	9-3	2	2-3	3-6	3-6																						
t14	22	#4	10-9	13	2-3	2-9	0-4 1/2			t11	8	#4	8-0	2	1-0	3-6	3-6																						
t15	132	#4	8-8	2	1-2	3-9	3-9			t12	4	#4	9-0	2	2-0	3-6	3-6																						
t16	66	#4	9-3	13	2-6	1-9	0-4 1/2			W1	84	#5	5-9	-																									
t17	14	#5	6-6	12	1-6	1-1 1/2	3-6	2-3																															
f4	20	#5	22-0	-																																			
z1	86	#6	9-0	-																																			
PIER 3																				DECK										DECK									
h15	24	#9	17-3	-																																			
h16	14	#9	18-9	-																																			
h17	8	#5	24-9	-																																			
h18	8	#5	9-6	4	3-6	1-6	6-0																																
h19	16	#5	19-6	-																																			
V10	48	#7	11-9	-																																			
V8	84	#5	3-6	-																																			
d4	48	#7	5-6	1	0-6	5-0																																	
d5	84	#5	4-6	1	0-6	4-0																																	
t13	129	#4	5-9	2	2-3	1-9	1-9																																
t14	22	#4	10-9	13	2-3	2-9	0-4 1/2																																
t15	108	#4	8-8	2	1-2	3-9	3-9																																
t16	54	#4	9-3	13	2-6	1-9	0-4 1/2																																
t17	10	#5	6-6	12	1-6	1-1 1/2	3-6	2-3																															
f4	20	#5	22-0	-																																			
z1	86	#6	9-0	-																																			



DESIGNED
CHECKED J.W.F.
DRAWN P.X.
CHECKED J.W.F.

REV. G-1: G2 DELETED ITEMS SHOWN THUS ~~130~~
W.C. Keene Bridge Office
Rev. 5/4/02 Changed No. Reqd. for a1a & b7 bars. D.E.S.

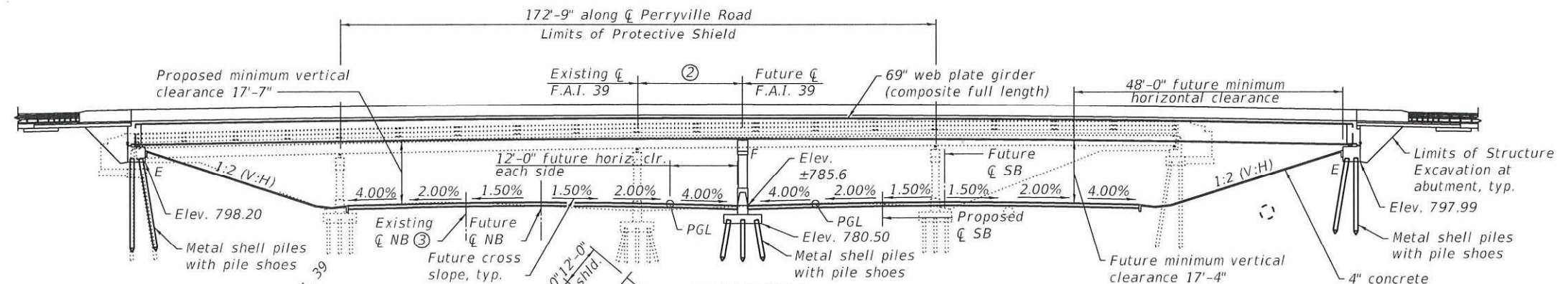
ILLINOIS DIVISION OF HIGHWAYS
ROCKFORD BYPASS
F. A. ROUTE 194
PROJECT F284 (16) SECTION 4HB3
WINNEBAGO COUNTY

BENCHMARK: #401 - Cut square on southerly of center crash wall of bridge under Perryville Rd. - Elev. 788.53

EXISTING STRUCTURE:
SN101-0098 was originally constructed in 1963 under F.A.P. 194, Section 4-HB-3. The structure is a 4-span, concrete deck on continuous steel beam superstructure with concrete piers and pile bent abutments. The piers are supported on timber piles and the abutments are supported on concrete piles. The skew is 50°-01'. The west fascia beam between Piers 2 and 3 was replaced in 1999 and again in 2007. The structure length is 304'-6" bk. to bk. abutments and the deck width is 33'-8" out-to-out.

Perryville Road will be closed during construction, and traffic will be detoured. Interstate 39 will be closed for short time periods for removing or setting bridge beams. A lane shift on Interstate 39 will allow construction of the proposed pier.

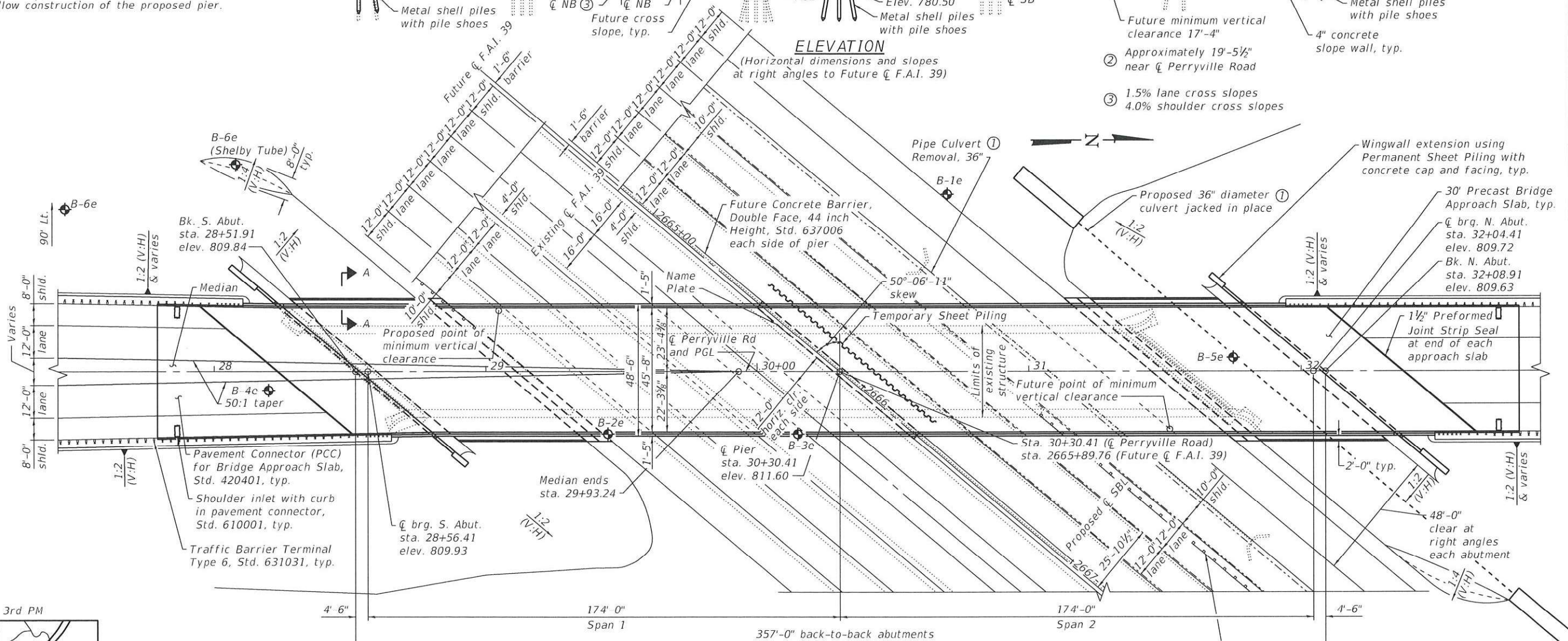
No salvage.



ELEVATION

(Horizontal dimensions and slopes at right angles to Future C.F.A.I. 39)

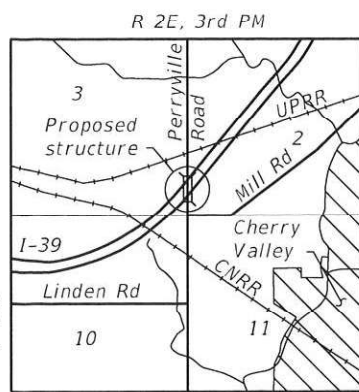
- ② Approximately 19'-5 1/2" near C.F.A.I. 39
- ③ 1.5% lane cross slopes
4.0% shoulder cross slopes



PLAN

① See Roadway Plans

Guardrail Removal, typ. ①



LOCATION SKETCH

SEISMIC DATA
Seismic Performance Zone (SPZ) = 1
Design Spectral Acceleration at 1.0 sec. (S_{D1}) = 0.056g
Design Spectral Acceleration at 0.2 sec. (S_{D5}) = 0.101g
Soil Site Class = C

LOADING HL-93
Allow 50 psf for future wearing surface

DESIGN SPECIFICATIONS
2020 AASHTO LRFD
Bridge Design Specifications 9th Edition



EXPIRES 11-30-22

Eric L. Hemenway
SIGNATURE

08-05-22
DATE

APPROVED
For Structural Adequacy Only
Jay F. Schell
Engineer of Bridges & Structures

DESIGN STRESSES
FIELD UNITS

f'_c = 3,500 psi (substructure)
 f'_c = 4,000 psi (superstructure)
 f_y = 50,000 psi (AASHTO M270 Grade 50)
 f_y = 60,000 psi (reinforcement)
 f_y = 50,000 psi (ASTM A572 Grade 50)(sheet piling)

PRECAST UNITS
 f'_c = 6,000 psi
 f'_c = 5,000 psi

GENERAL PLAN AND ELEVATION
PERRYVILLE ROAD OVER I-39 & US 20
F.A.I. 39 - SECTION 4HBR-3
WINNEBAGO COUNTY
STATION 30+30.41
STRUCTURE NO. 101-0206

MODEL: PLOT
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7/14/2022 10:26:42 AM



USER NAME = kah	DESIGNED - ELH 04/22	REVISOR -
ESCA PROJECT NO. 1140.22	CHECKED - PRH 04/22	REVISOR -
PLOT SCALE	DRAWN - KAH 05/22	REVISOR -
PLOT DATE = 7/14/2022	CHECKED - ELH 05/22	REVISOR -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET 1 OF 41 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	82
CONTRACT NO. 64G68			ILLINOIS FED. AID PROJECT	

GENERAL NOTES

- Fasteners shall be ASTM F3125 Grade A325 Type 1, hot dip galvanized bolts. Bolts 7/8" dia., holes 1 1/16" dia., unless otherwise noted.
- Calculated weight of Structural Steel = 802,920 lbs. (AASHTO M270, Grade 50)
23,330 lbs. (AASHTO M270, Grade 36)
- No field welding is permitted except as specified in the contract documents.
- Reinforcement bars designated (E) shall be epoxy coated.
- Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of 1/8" (0.01 ft.). Adjustment shall be made either by grinding the surface or by shimming the bearings.
- Concrete Sealer shall be applied to the designated areas of the Pier.
- The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.
- The embankment configuration shown shall be the minimum that must be placed and compacted prior to construction of the abutments.
- Up to 1/4" may be ground off the bridge deck, the approach slabs, and the pavement connectors.
- All structural steel shall be metallized. The exterior and the bottom of bottom flange of the fascia girders shall be shop painted using System 3. The interior surfaces shall be shop painted using System 1. See Special Provision for "Metallizing of Structural Steel." The color of the final finish coat of paint for the exterior and the bottom flange of the fascia girders shall be Blue, Munsell No. 10B 3/6.
- The concrete for bridge decks finished according to Article 503.16(a) of the Standard Specifications shall be placed and compacted parallel to the skew in uniform increments along centerline of bridge. The machine used for finishing shall be set parallel to the skew for striking off and screeding the concrete.
- The costs of concrete slope wall removal and bridge rail removal are included in Removal of Existing Structures.
- The Contractor is alerted that camber, dead load deflection values, and theoretical grade elevations adjusted for dead load deflection and grinding shown on the contract drawings were developed based on the deck pouring sequence shown on Sheet 13 of 41. Any deviation from this pouring sequence will result in changes to camber and elevations that reflect dead load deflections. If the Contractor wishes to change the pouring sequence shown on the contract drawings, an evaluation of the structure shall be performed by an Illinois Licensed Structural Engineer retained by the Contractor. Calculations and any revised details shall be submitted to the Engineer for review and approval.

STATION 30+30.41
BUILT 202_ BY
STATE OF ILLINOIS
F.A.I. RT. 39 SEC. 4HBR-3
LOADING HL-93
STR. NO. 101-0206

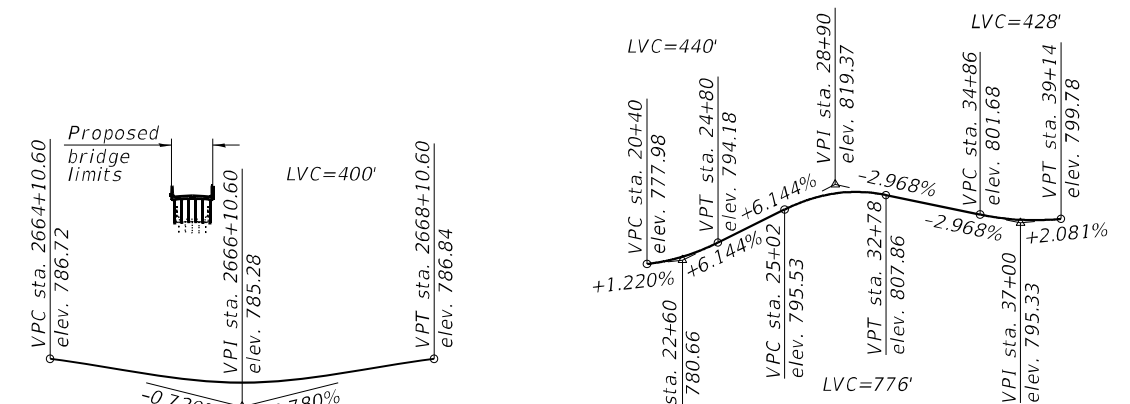
NAME PLATE
See Std. 515001

STRUCTURE INDEX OF SHEETS

General Plan & Elevation	Sheet No. 1 of 41
General Data	Sheet No. 2-3 of 41
Substructure Layout	Sheet No. 4 of 41
Temporary Sheet Piling	Sheet No. 5 of 41
Top of Slab Elevations	Sheet No. 6-9 of 41
Top of South Approach Slab Elevations	Sheet No. 10 of 41
Top of North Approach Slab Elevations	Sheet No. 11 of 41
Superstructure	Sheet No. 12 of 41
Superstructure Details	Sheet No. 13 of 41
Diaphragm Details	Sheet No. 14 of 41
South Bridge Approach Slab	Sheet No. 15-17 of 41
North Bridge Approach Slab	Sheet No. 18-20 of 41
Preformed Joint Strip Seal	Sheet No. 21 of 41
Steel Framing Plan and Details	Sheet No. 22 of 41
Camber Diagram	Sheet No. 23 of 41
Steel Framing Details	Sheet No. 24-26 of 41
Bearing Details	Sheet No. 27 of 41
South Abutment	Sheet No. 28-29 of 41
North Abutment	Sheet No. 30-31 of 41
Wingwall Extension Details	Sheet No. 32-33 of 41
Pier	Sheet No. 34-35 of 41
Metal Shell Pile Details	Sheet No. 36 of 41
Concrete Parapet Slipforming Option	Sheet No. 37 of 41
Boring Logs	Sheet No. 38-41 of 41

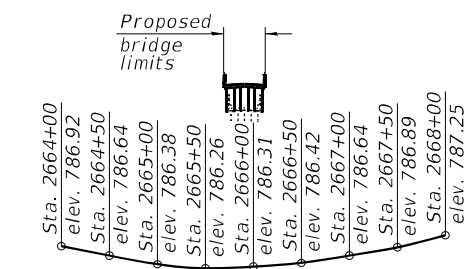
TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Removal of Existing Structures	Each			1
Protective Shield	Sq. Yd.	647		647
Structure Excavation	Cu. Yd.		940	940
Concrete Structures	Cu. Yd.		376.6	376.6
Concrete Superstructure	Cu. Yd.	694.1		694.1
Protective Coat	Sq. Yd.	2,460		2,460
Furnishing and Erecting Structural Steel	L. Sum	1		1
Stud Shear Connectors	Each	4,914		4,914
Reinforcement Bars, Epoxy Coated	Pound	168,030	59,000	227,030
Slope Wall 4 Inch	Sq. Yd.		721	721
Furnishing Metal Shell Piles 14" x 0.312"	Foot		1,151	1,151
Driving Piles	Foot		1,151	1,151
Test Pile Metal Shells	Each		3	3
Pile Shoes	Each		69	69
Name Plates	Each		1	1
Preformed Joint Strip Seal	Foot	150		150
Elastomeric Bearing Assembly, Type I	Each		12	12
Anchor Bolts, 1"	Each		24	24
Anchor Bolts, 1 1/2"	Each		12	12
Temporary Sheet Piling	Sq. Ft.		822	822
Permanent Sheet Piling	Sq. Ft.		951	951
Granular Backfill for Structures	Cu. Yd.		510	510
Concrete Sealer	Sq. Ft.		2,570	2,570
Geocomposite Wall Drain	Sq. Yd.		204	204
Pipe Underdrains for Structures 4"	Foot		325	325
Bridge Deck Grooving (Longitudinal)	Sq. Yd.	1,439		1,439
Concrete Wearing Surface, 5 1/4"	Sq. Yd.	320		320
Precast Bridge Approach Slab	Sq. Ft.	2,800		2,800
Diamond Grinding (Bridge Section)	Sq. Yd.	2,332		2,332

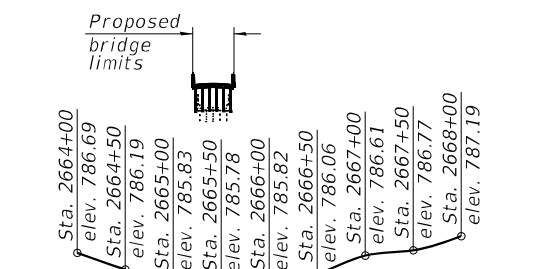


FUTURE I-39 PROFILE GRADE
Along Future I-39 median EOP

PERRYVILLE ROAD PROFILE GRADE
Along Perryville Road
(PG shows the final elevations after grinding)



EXISTING SB I-39 PROFILE GRADE
Along Existing I-39 median EOP
using Future I-39 stations



EXISTING NB I-39 PROFILE GRADE
Along Existing I-39 median EOP
using Future I-39 stations

(Sheet 1 of 2)

MODEL: PLOT
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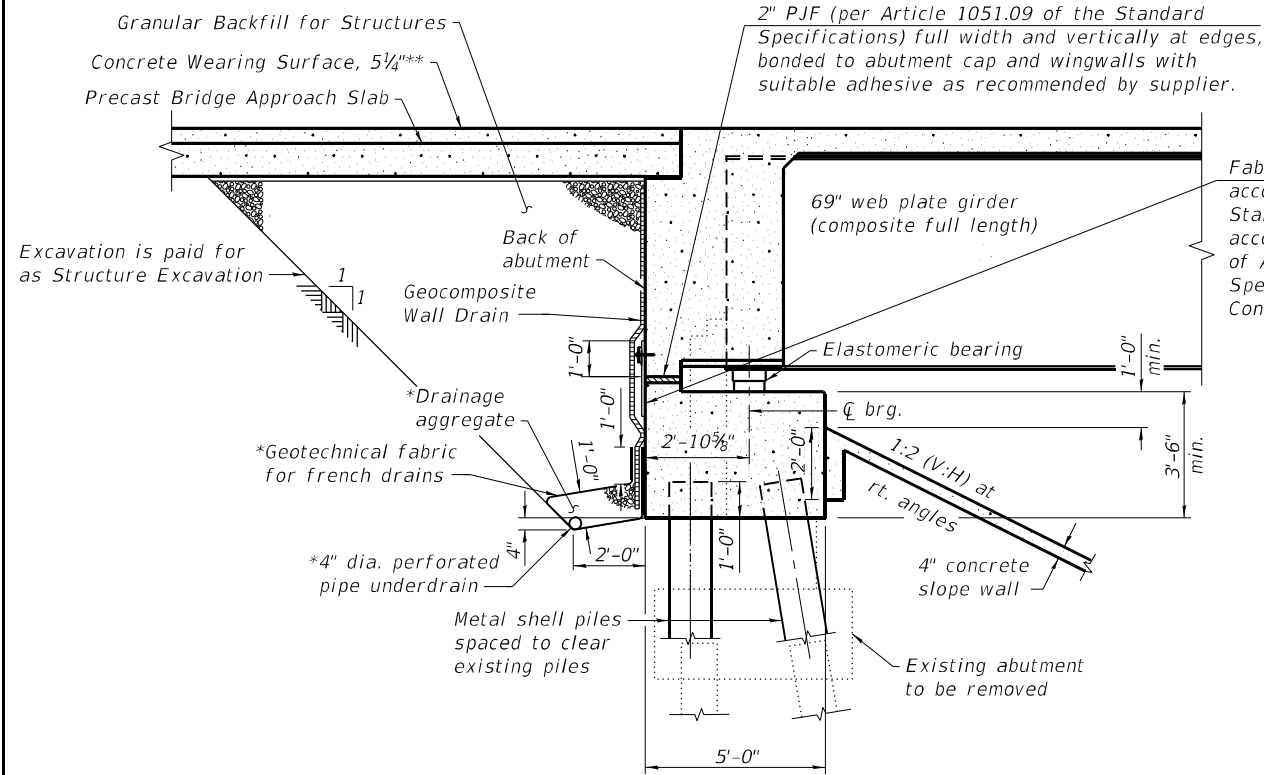
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL DATA
STRUCTURE NO. 101-0206**

SHEET 2 OF 41 SHEETS

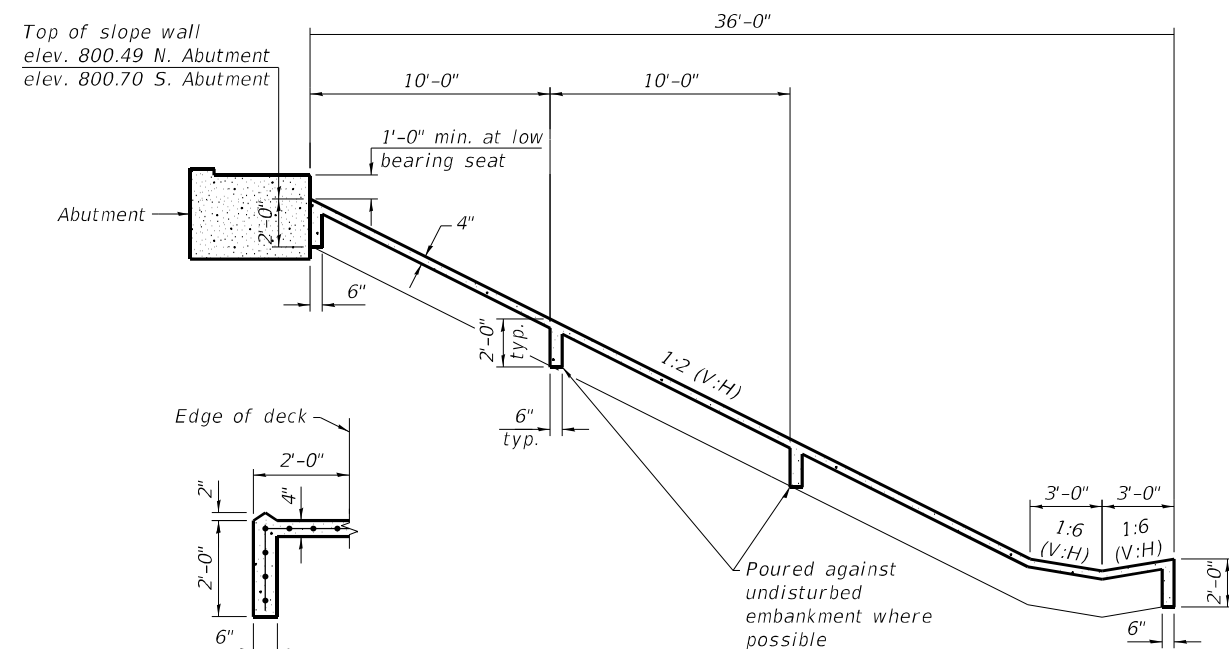
F.A.I. RT. 39	SECTION 4HBR-3	COUNTY WINNEBAGO	TOTAL SHEETS 158	SHEET NO. 83
CONTRACT NO. 64G68			ILLINOIS FED. AID PROJECT	



SECTION THRU SEMI-INTEGRAL ABUTMENT

(South Abutment shown, North Abutment similar;
Horizontal dimensions at right angles to abutment)

Fabric reinforced elastomeric mat according to Section 1028 of the Standard Specifications and installed according to applicable requirements of Article 520.09 of the Standard Specifications. Cost included with Concrete Superstructure.



SECTION A-A

(See Sheet 1 of 41 for location of Section A-A)

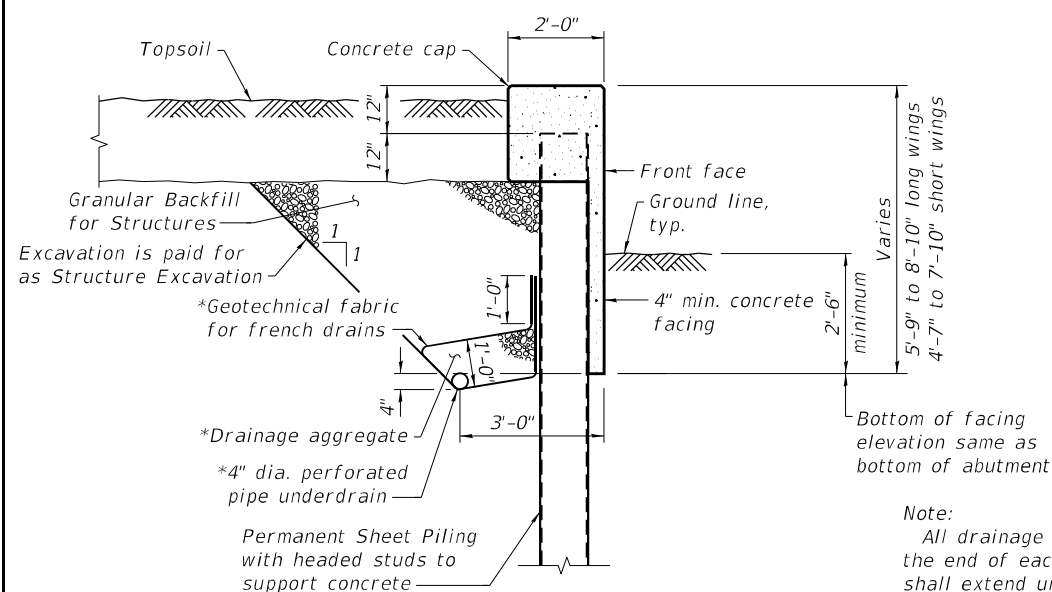
SECTION THRU CONCRETE SLOPE WALL

(Slopes and horizontal dimensions at right angles to abutment cap)

Note:
Slope wall shall be reinforced with welded wire fabric, 6"x6"-W4.0xW4.0, weighing 58 lbs. per 100 sq. ft.

* Included in the cost of Pipe Underdrains for Structures

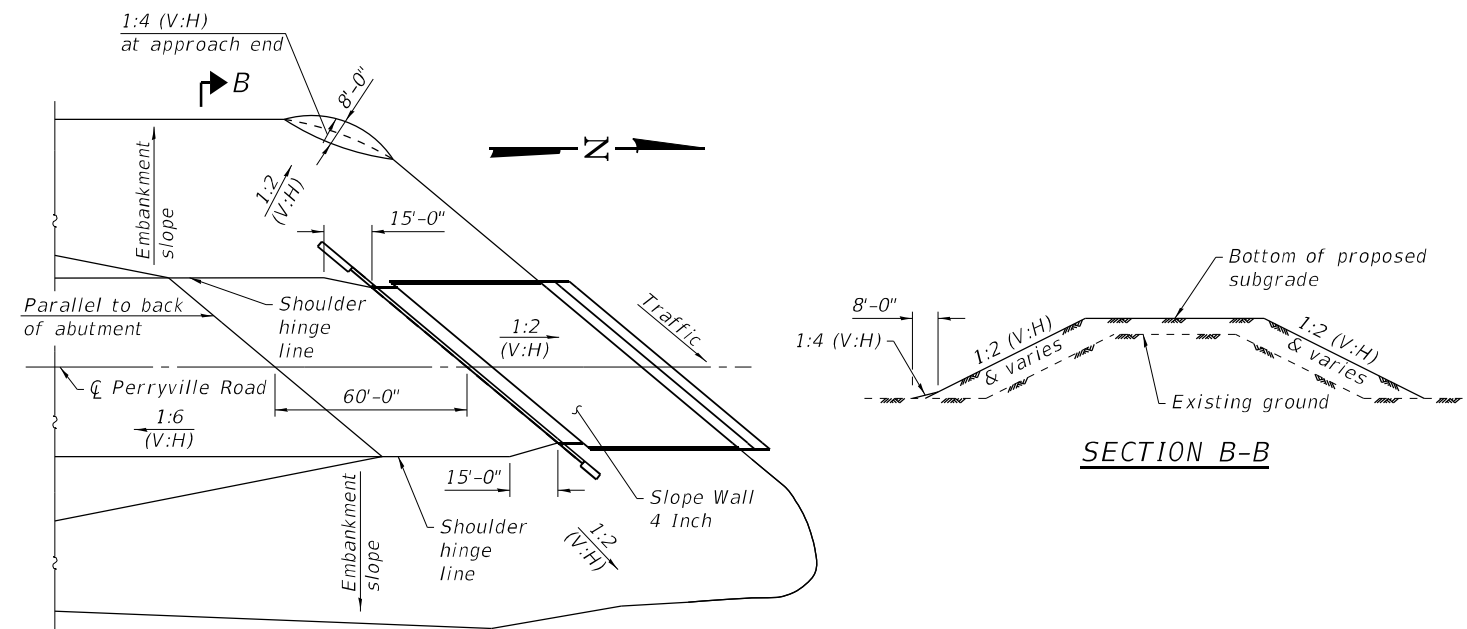
** Prior to grinding



SECTION THRU WINGWALL EXTENSION

(Horizontal dimensions at right angles to wingwall)

Note:
All drainage system components shall extend to 2'-0" from the end of each wingwall extension except an outlet pipe 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 6011101).



EMBANKMENT CONE PLAN

(South Abutment shown, North Abutment similar)

(Sheet 2 of 2)

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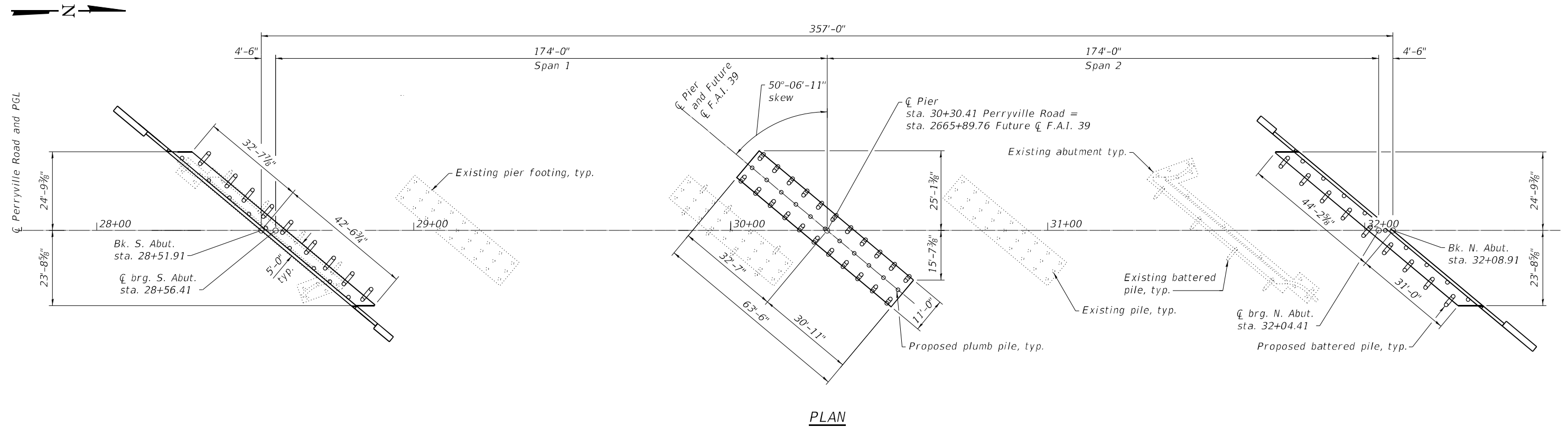
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL DATA
STRUCTURE NO. 101-0206**

SHEET 3 OF 41 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	84
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

Notes:
 Existing structure details are taken from existing plans and are subject to nominal construction variations.
 Proposed piles at the South Abutment shall be located to clear existing piles. The Contractor may move the location of the proposed South Abutment piles up to one foot parallel to the centerline bearings of abutment to miss the existing piles.



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PLAN



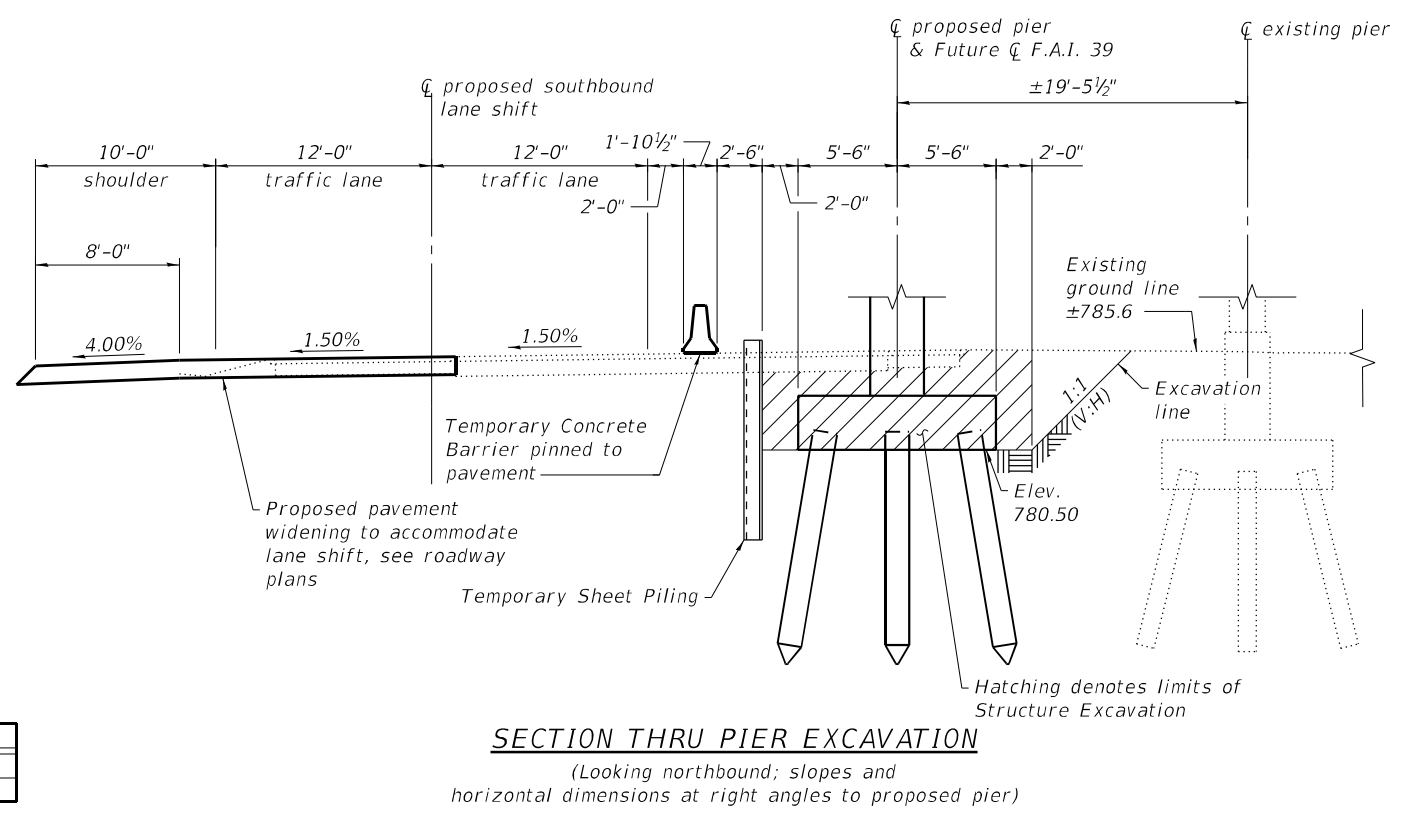
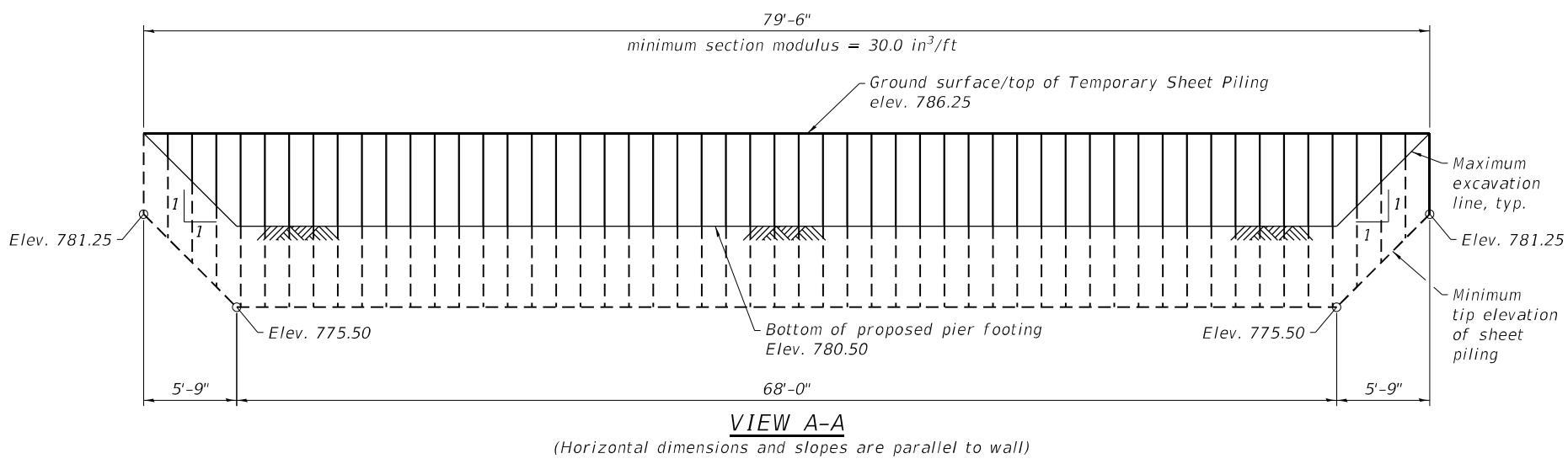
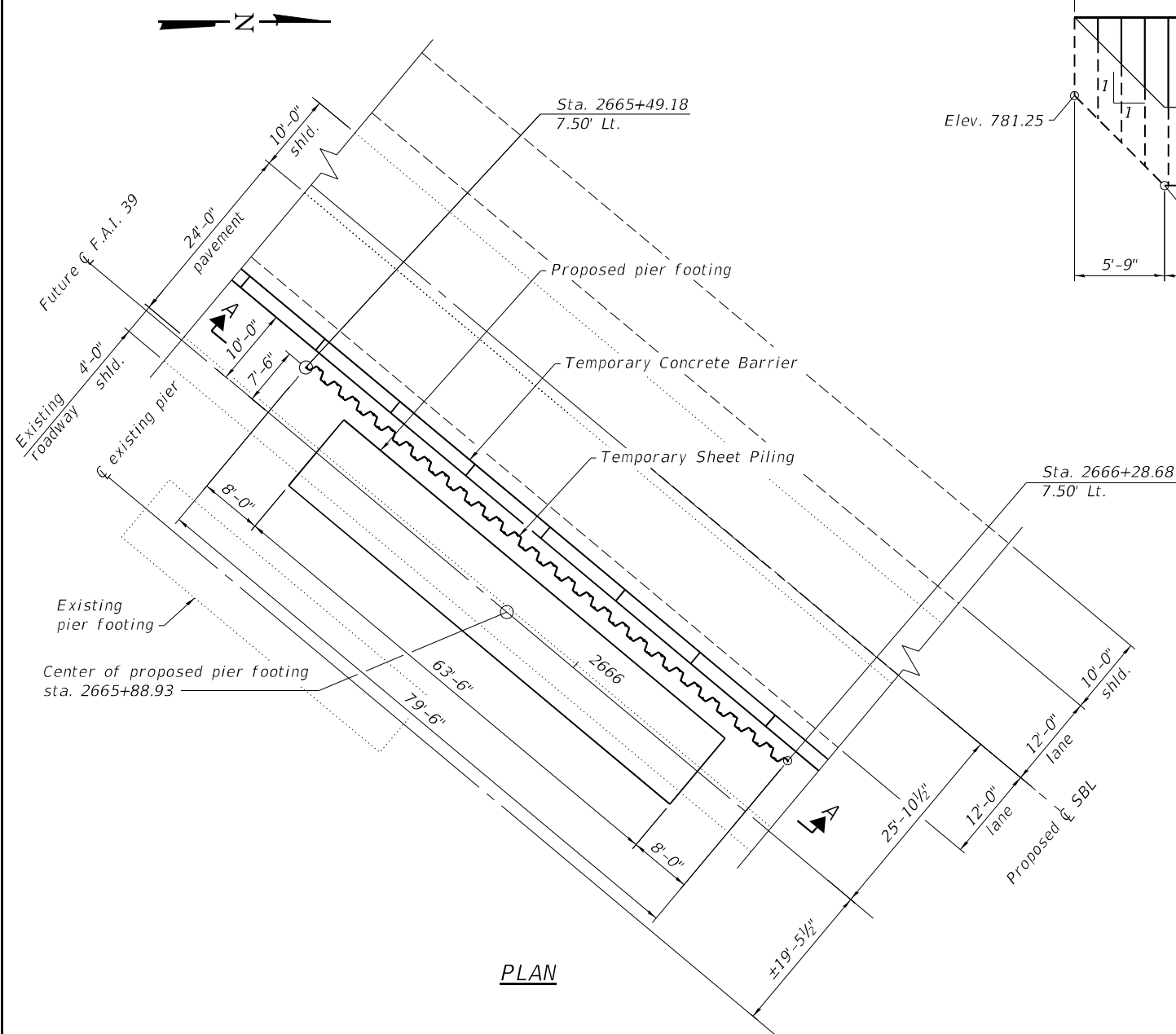
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PLOT DATE = 7/14/2022	CHECKED - ELH 05/22	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUBSTRUCTURE LAYOUT
 STRUCTURE NO. 101-0206**

SHEET 4 OF 41 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	85
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				



TEMPORARY SHEET PILING NOTES

1. If the Contractor chooses to alter the temporary cantilevered sheet piling design requirements shown on the plans, a design submittal including plan details and calculations will be required for review and acceptance by the Engineer.
2. See roadway plans for quantities of Pavement Removal, Paved Shoulder Removal, Temporary Concrete Barrier, and Earth Excavation.
3. Hard driving conditions should be expected with the presence of hard till in the soil borings.
4. Stations and offsets used on this sheet are for Future C.F.A.I. 39.

BILL OF MATERIAL

Item	Unit	Total
Temporary Sheet Piling	Sq. Ft.	822

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 ESCA PROJECT NO. 1140.22
 PLOT SCALE
 PLOT DATE = 7/14/2022

DESIGNED - CMH 12/21
 CHECKED - PRH 03/22
 DRAWN - NHC/KAH 07/22
 CHECKED - ELH 07/22

REVISED -
 REVISED -
 REVISED -
 REVISED -

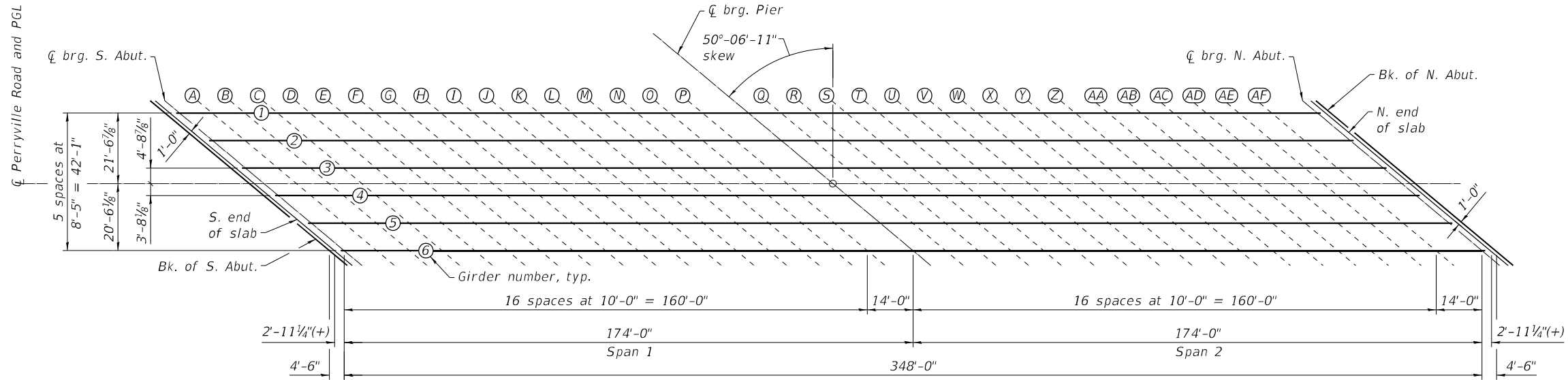
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TEMPORARY SHEET PILING
 STRUCTURE NO. 101-0206**

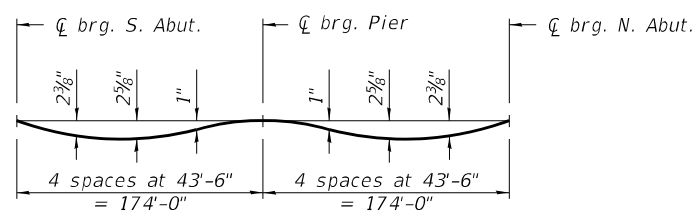
SHEET 5 OF 41 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HR-3	WINNEBAGO	158	86

CONTRACT NO. 64G68
 ILLINOIS FED. AID PROJECT



PLAN



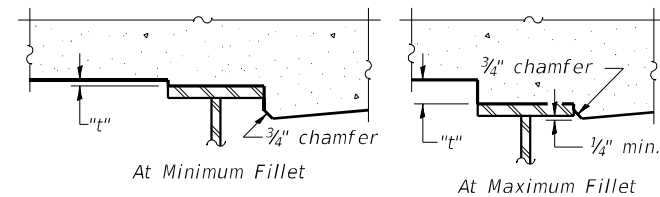
DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete only.)

Notes:

The above deflections are not to be used in the field if the Engineer is working from the grade elevations adjusted for dead load deflection and grinding as shown on Sheets 7 thru 9 of 41.

The deflections are based on the deck pouring sequence shown on Sheet 13 of 41.



To determine "t": After all structural steel has been erected, elevations of the top flanges of the girders shall be taken at intervals shown on this sheet. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection and Grinding" shown on Sheets 7 thru 9 of 41, minus the initial slab thickness prior to grinding, equals the fillet heights "t" above the top flange of girders.
The slab is to be ground after curing to achieve smoothness, but the slab is not to be ground to elevations below the "Theoretical Grade Elevations" shown on Sheets 7 thru 9 of 41. For grinding the deck, see Special Provisions.

FILLET HEIGHTS

(Sheet 1 of 4)

MODEL: PLOT
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PLOT DATE = 7/14/2022	CHECKED - ELH 05/22	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF SLAB ELEVATIONS
STRUCTURE NO. 101-0206

SHEET 6 OF 41 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	87
CONTRACT NO. 64G68				

ILLINOIS FED. AID PROJECT

GIRDER 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. of S. Abut.	28+26.11	-21.57	808.92	808.94
S. end of slab	28+27.67	-21.57	808.96	808.98
☉ brg. S. Abut.	28+30.61	-21.57	809.03	809.05
A	28+40.61	-21.57	809.25	809.32
B	28+50.61	-21.57	809.46	809.58
C	28+60.61	-21.57	809.66	809.82
D	28+70.61	-21.57	809.84	810.05
E	28+80.61	-21.57	810.02	810.25
F	28+90.61	-21.57	810.18	810.43
G	29+00.61	-21.57	810.33	810.58
H	29+10.61	-21.57	810.47	810.72
I	29+20.61	-21.57	810.60	810.83
J	29+30.61	-21.57	810.72	810.92
K	29+40.61	-21.57	810.82	810.99
L	29+50.61	-21.57	810.91	811.05
M	29+60.61	-21.57	810.99	811.10
N	29+70.61	-21.57	811.06	811.14
O	29+80.61	-21.57	811.12	811.17
P	29+90.61	-21.57	811.16	811.20
☉ brg. Pier	30+04.61	-21.57	811.21	811.23
Q	30+14.61	-21.57	811.23	811.26
R	30+24.61	-21.57	811.23	811.28
S	30+34.61	-21.57	811.23	811.30
T	30+44.61	-21.57	811.21	811.31
U	30+54.61	-21.57	811.18	811.32
V	30+64.61	-21.57	811.14	811.31
W	30+74.61	-21.57	811.09	811.29
X	30+84.61	-21.57	811.03	811.25
Y	30+94.61	-21.57	810.95	811.20
Z	31+04.61	-21.57	810.87	811.12
AA	31+14.61	-21.57	810.77	811.02
AB	31+24.61	-21.57	810.66	810.90
AC	31+34.61	-21.57	810.53	810.75
AD	31+44.61	-21.57	810.40	810.58
AE	31+54.61	-21.57	810.25	810.40
AF	31+64.61	-21.57	810.09	810.19
☉ brg. N. Abut.	31+78.61	-21.57	809.85	809.87
N. end of slab	31+81.55	-21.57	809.80	809.82
Bk. of N. Abut.	31+83.11	-21.57	809.77	809.79

GIRDER 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. of S. Abut.	28+36.17	-13.16	809.31	809.33
S. end of slab	28+37.73	-13.16	809.34	809.37
☉ brg. S. Abut.	28+40.67	-13.16	809.41	809.43
A	28+50.67	-13.16	809.62	809.70
B	28+60.67	-13.16	809.82	809.95
C	28+70.67	-13.16	810.01	810.18
D	28+80.67	-13.16	810.18	810.39
E	28+90.67	-13.16	810.35	810.58
F	29+00.67	-13.16	810.50	810.75
G	29+10.67	-13.16	810.64	810.90
H	29+20.67	-13.16	810.77	811.02
I	29+30.67	-13.16	810.88	811.12
J	29+40.67	-13.16	810.99	811.20
K	29+50.67	-13.16	811.08	811.26
L	29+60.67	-13.16	811.16	811.31
M	29+70.67	-13.16	811.23	811.34
N	29+80.67	-13.16	811.29	811.37
O	29+90.67	-13.16	811.33	811.38
P	30+00.67	-13.16	811.37	811.40
☉ brg. Pier	30+14.67	-13.16	811.40	811.42
Q	30+24.67	-13.16	811.40	811.43
R	30+34.67	-13.16	811.40	811.44
S	30+44.67	-13.16	811.38	811.45
T	30+54.67	-13.16	811.35	811.45
U	30+64.67	-13.16	811.31	811.45
V	30+74.67	-13.16	811.26	811.43
W	30+84.67	-13.16	811.20	811.40
X	30+94.67	-13.16	811.12	811.35
Y	31+04.67	-13.16	811.03	811.28
Z	31+14.67	-13.16	810.93	811.19
AA	31+24.67	-13.16	810.82	811.08
AB	31+34.67	-13.16	810.70	810.95
AC	31+44.67	-13.16	810.57	810.79
AD	31+54.67	-13.16	810.42	810.61
AE	31+64.67	-13.16	810.26	810.41
AF	31+74.67	-13.16	810.09	810.19
☉ brg. N. Abut.	31+88.67	-13.16	809.83	809.86
N. end of slab	31+91.61	-13.16	809.78	809.80
Bk. of N. Abut.	31+93.17	-13.16	809.75	809.77

GIRDER 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. of S. Abut.	28+46.24	-4.74	809.65	809.68
S. end of slab	28+47.80	-4.74	809.69	809.71
☉ brg. S. Abut.	28+50.74	-4.74	809.75	809.77
A	28+60.74	-4.74	809.95	810.02
B	28+70.74	-4.74	810.13	810.26
C	28+80.74	-4.74	810.31	810.48
D	28+90.74	-4.74	810.47	810.68
E	29+00.74	-4.74	810.63	810.86
F	29+10.74	-4.74	810.77	811.02
G	29+20.74	-4.74	810.89	811.15
H	29+30.74	-4.74	811.01	811.26
I	29+40.74	-4.74	811.12	811.35
J	29+50.74	-4.74	811.21	811.42
K	29+60.74	-4.74	811.29	811.47
L	29+70.74	-4.74	811.36	811.51
M	29+80.74	-4.74	811.42	811.53
N	29+90.74	-4.74	811.47	811.54
O	30+00.74	-4.74	811.50	811.55
P	30+10.74	-4.74	811.52	811.56
☉ brg. Pier	30+24.74	-4.74	811.54	811.56
Q	30+34.74	-4.74	811.53	811.56
R	30+44.74	-4.74	811.51	811.56
S	30+54.74	-4.74	811.48	811.55
T	30+64.74	-4.74	811.44	811.54
U	30+74.74	-4.74	811.39	811.53
V	30+84.74	-4.74	811.33	811.50
W	30+94.74	-4.74	811.25	811.45
X	31+04.74	-4.74	811.16	811.39
Y	31+14.74	-4.74	811.06	811.31
Z	31+24.74	-4.74	810.95	811.21
AA	31+34.74	-4.74	810.83	811.09
AB	31+44.74	-4.74	810.70	810.94
AC	31+54.74	-4.74	810.55	810.77
AD	31+64.74	-4.74	810.39	810.58
AE	31+74.74	-4.74	810.22	810.37
AF	31+84.74	-4.74	810.04	810.14
☉ brg. N. Abut.	31+98.74	-4.74	809.77	809.79
N. end of slab	32+01.68	-4.74	809.71	809.73
Bk. of N. Abut.	32+03.24	-4.74	809.68	809.70

(Sheet 2 of 4)

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TOP OF SLAB ELEVATIONS
STRUCTURE NO. 101-0206**

SHEET 7 OF 41 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HR-3	WINNEBAGO	158	88
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

CL PERRYVILLE ROAD & PROFILE GRADE

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. of S. Abut.	28+51.91	0.00	809.84	809.86
S. end of slab	28+53.47	0.00	809.87	809.89
CL brg. S. Abut.	28+56.41	0.00	809.93	809.95
A	28+66.41	0.00	810.13	810.20
B	28+76.41	0.00	810.31	810.43
C	28+86.41	0.00	810.47	810.65
D	28+96.41	0.00	810.63	810.84
E	29+06.41	0.00	810.78	811.01
F	29+16.41	0.00	810.91	811.16
G	29+26.41	0.00	811.03	811.29
H	29+36.41	0.00	811.14	811.39
I	29+46.41	0.00	811.24	811.48
J	29+56.41	0.00	811.33	811.54
K	29+66.41	0.00	811.40	811.58
L	29+76.41	0.00	811.47	811.61
M	29+86.41	0.00	811.52	811.63
N	29+96.41	0.00	811.56	811.64
O	30+06.41	0.00	811.59	811.64
P	30+16.41	0.00	811.60	811.63
CL brg. Pier	30+30.41	0.00	811.60	811.63
Q	30+40.41	0.00	811.59	811.62
R	30+50.41	0.00	811.57	811.61
S	30+60.41	0.00	811.53	811.60
T	30+70.41	0.00	811.49	811.59
U	30+80.41	0.00	811.43	811.56
V	30+90.41	0.00	811.36	811.53
W	31+00.41	0.00	811.27	811.48
X	31+10.41	0.00	811.18	811.41
Y	31+20.41	0.00	811.07	811.32
Z	31+30.41	0.00	810.96	811.22
AA	31+40.41	0.00	810.83	811.09
AB	31+50.41	0.00	810.69	810.93
AC	31+60.41	0.00	810.53	810.76
AD	31+70.41	0.00	810.37	810.56
AE	31+80.41	0.00	810.19	810.34
AF	31+90.41	0.00	810.00	810.10
CL brg. N. Abut.	32+04.41	0.00	809.72	809.74
N. end of slab	32+07.35	0.00	809.66	809.68
Bk. of N. Abut.	32+08.91	0.00	809.63	809.65

GIRDER 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. of S. Abut.	28+56.31	3.68	809.88	809.90
S. end of slab	28+57.87	3.68	809.91	809.93
CL brg. S. Abut.	28+60.81	3.68	809.96	809.98
A	28+70.81	3.68	810.15	810.23
B	28+80.81	3.68	810.33	810.45
C	28+90.81	3.68	810.49	810.66
D	29+00.81	3.68	810.64	810.85
E	29+10.81	3.68	810.78	811.02
F	29+20.81	3.68	810.91	811.16
G	29+30.81	3.68	811.03	811.28
H	29+40.81	3.68	811.13	811.38
I	29+50.81	3.68	811.23	811.46
J	29+60.81	3.68	811.31	811.52
K	29+70.81	3.68	811.38	811.56
L	29+80.81	3.68	811.44	811.58
M	29+90.81	3.68	811.48	811.59
N	30+00.81	3.68	811.52	811.59
O	30+10.81	3.68	811.54	811.59
P	30+20.81	3.68	811.55	811.58
CL brg. Pier	30+34.81	3.68	811.55	811.57
Q	30+44.81	3.68	811.53	811.56
R	30+54.81	3.68	811.50	811.54
S	30+64.81	3.68	811.46	811.53
T	30+74.81	3.68	811.41	811.51
U	30+84.81	3.68	811.34	811.48
V	30+94.81	3.68	811.27	811.44
W	31+04.81	3.68	811.18	811.38
X	31+14.81	3.68	811.08	811.31
Y	31+24.81	3.68	810.97	811.22
Z	31+34.81	3.68	810.85	811.11
AA	31+44.81	3.68	810.71	810.97
AB	31+54.81	3.68	810.57	810.81
AC	31+64.81	3.68	810.41	810.63
AD	31+74.81	3.68	810.24	810.43
AE	31+84.81	3.68	810.06	810.20
AF	31+94.81	3.68	809.86	809.96
CL brg. N. Abut.	32+08.81	3.68	809.57	809.59
N. end of slab	32+11.75	3.68	809.51	809.53
Bk. of N. Abut.	32+13.31	3.68	809.47	809.50

(Sheet 3 of 4)

MODEL: PLOT
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PLOT SCALE	DRAWN - NHC 03/22	REVISED -
PLOT DATE = 7/14/2022	CHECKED - ELH 03/22	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TOP OF SLAB ELEVATIONS
STRUCTURE NO. 101-0206**

SHEET 8 OF 41 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HR-3	WINNEBAGO	158	89
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

GIRDER 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. of S. Abut.	28+66.38	12.09	809.94	809.96
S. end of slab	28+67.93	12.09	809.97	809.99
☉ brg. S. Abut.	28+70.88	12.09	810.03	810.05
A	28+80.88	12.09	810.20	810.28
B	28+90.88	12.09	810.37	810.49
C	29+00.88	12.09	810.52	810.69
D	29+10.88	12.09	810.66	810.87
E	29+20.88	12.09	810.79	811.02
F	29+30.88	12.09	810.90	811.15
G	29+40.88	12.09	811.01	811.26
H	29+50.88	12.09	811.10	811.35
I	29+60.88	12.09	811.18	811.42
J	29+70.88	12.09	811.25	811.46
K	29+80.88	12.09	811.31	811.49
L	29+90.88	12.09	811.36	811.50
M	30+00.88	12.09	811.39	811.50
N	30+10.88	12.09	811.41	811.49
O	30+20.88	12.09	811.42	811.47
P	30+30.88	12.09	811.42	811.46
☉ brg. Pier	30+44.88	12.09	811.40	811.42
Q	30+54.88	12.09	811.37	811.40
R	30+64.88	12.09	811.33	811.38
S	30+74.88	12.09	811.28	811.35
T	30+84.88	12.09	811.22	811.32
U	30+94.88	12.09	811.14	811.27
V	31+04.88	12.09	811.05	811.22
W	31+14.88	12.09	810.95	811.16
X	31+24.88	12.09	810.84	811.07
Y	31+34.88	12.09	810.72	810.97
Z	31+44.88	12.09	810.58	810.84
AA	31+54.88	12.09	810.44	810.70
AB	31+64.88	12.09	810.28	810.53
AC	31+74.88	12.09	810.11	810.33
AD	31+84.88	12.09	809.93	810.12
AE	31+94.88	12.09	809.73	809.88
AF	32+04.88	12.09	809.53	809.63
☉ brg. N. Abut.	32+18.88	12.09	809.22	809.24
N. end of slab	32+21.82	12.09	809.16	809.18
Bk. of N. Abut.	32+23.38	12.09	809.12	809.14

GIRDER 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. of S. Abut.	28+76.44	20.51	809.97	809.99
S. end of slab	28+78.00	20.51	809.99	810.02
☉ brg. S. Abut.	28+80.94	20.51	810.04	810.07
A	28+90.94	20.51	810.21	810.28
B	29+00.94	20.51	810.36	810.48
C	29+10.94	20.51	810.50	810.67
D	29+20.94	20.51	810.62	810.83
E	29+30.94	20.51	810.74	810.97
F	29+40.94	20.51	810.84	811.09
G	29+50.94	20.51	810.94	811.19
H	29+60.94	20.51	811.02	811.26
I	29+70.94	20.51	811.09	811.31
J	29+80.94	20.51	811.14	811.35
K	29+90.94	20.51	811.19	811.36
L	30+00.94	20.51	811.22	811.36
M	30+10.94	20.51	811.24	811.35
N	30+20.94	20.51	811.26	811.33
O	30+30.94	20.51	811.25	811.30
P	30+40.94	20.51	811.24	811.27
☉ brg. Pier	30+54.94	20.51	811.20	811.23
Q	30+64.94	20.51	811.16	811.19
R	30+74.94	20.51	811.11	811.15
S	30+84.94	20.51	811.05	811.11
T	30+94.94	20.51	810.97	811.07
U	31+04.94	20.51	810.88	811.01
V	31+14.94	20.51	810.78	810.95
W	31+24.94	20.51	810.67	810.87
X	31+34.94	20.51	810.55	810.77
Y	31+44.94	20.51	810.41	810.66
Z	31+54.94	20.51	810.27	810.52
AA	31+64.94	20.51	810.11	810.36
AB	31+74.94	20.51	809.94	810.18
AC	31+84.94	20.51	809.76	809.98
AD	31+94.94	20.51	809.57	809.75
AE	32+04.94	20.51	809.36	809.50
AF	32+14.94	20.51	809.14	809.24
☉ brg. N. Abut.	32+28.94	20.51	808.82	808.84
N. end of slab	32+31.88	20.51	808.75	808.77
Bk. of N. Abut.	32+33.44	20.51	808.71	808.73

(Sheet 4 of 4)

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PLOT DATE = 7/14/2022	CHECKED - ELH 03/22	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TOP OF SLAB ELEVATIONS
STRUCTURE NO. 101-0206**

SHEET 9 OF 41 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	90
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

SOUTH APPROACH SLAB

WEST EDGE OF SHOULDER

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Grinding
S. end of S. Appr.	27+94.79	-23.97	808.09	808.11
A1	28+05.04	-23.77	808.36	808.38
A2	28+15.28	-23.56	808.62	808.65
N. end of S. Appr.	28+25.52	-23.36	808.87	808.89

WEST EDGE OF ROADWAY

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Grinding
S. end of S. Appr.	28+04.60	-15.77	808.51	808.53
A1	28+14.85	-15.57	808.77	808.79
A2	28+25.09	-15.36	809.02	809.04
N. end of S. Appr.	28+35.34	-15.16	809.26	809.28

CL PERRYVILLE ROAD & PROFILE GRADE

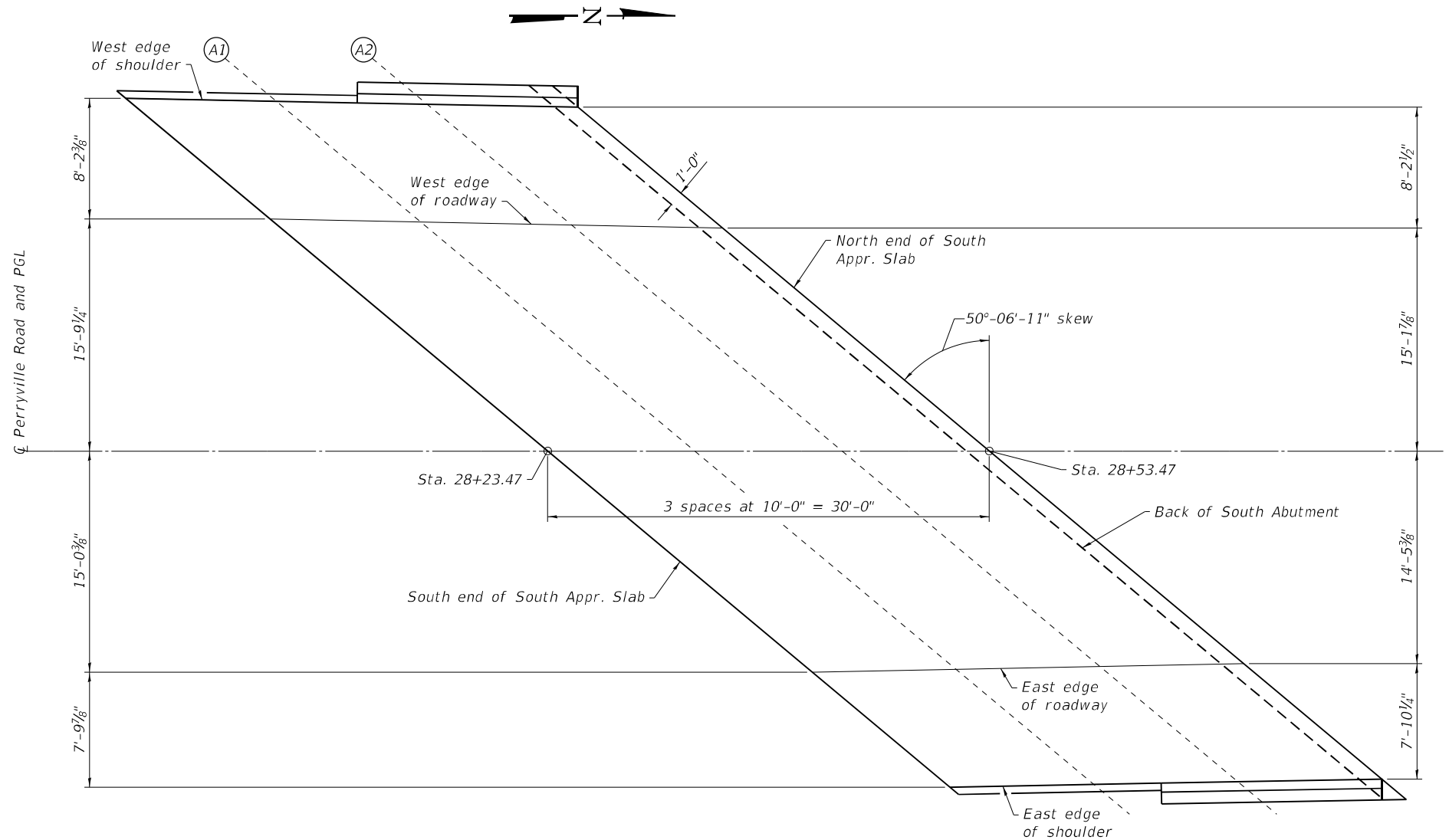
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Grinding
S. end of S. Appr.	28+23.47	0.00	809.22	809.24
A1	28+33.47	0.00	809.45	809.47
A2	28+43.47	0.00	809.67	809.69
N. end of S. Appr.	28+53.47	0.00	809.87	809.89

EAST EDGE OF ROADWAY

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Grinding
S. end of S. Appr.	28+41.45	15.04	809.40	809.42
A1	28+51.22	14.84	809.61	809.63
A2	28+60.98	14.65	809.80	809.82
N. end of S. Appr.	28+70.75	14.45	809.99	810.01

EAST EDGE OF SHOULDER

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Grinding
S. end of S. Appr.	28+50.80	22.85	809.44	809.46
A1	28+60.56	22.66	809.63	809.66
A2	28+70.35	22.47	809.82	809.84
N. end of S. Appr.	28+80.14	22.30	810.00	810.02



SOUTH APPROACH SLAB PLAN

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ESCA PROJECT NO. 1140.22
PLOT SCALE
PLOT DATE = 7/14/2022

DESIGNED - ELH 12/21
CHECKED - CMH 12/21
DRAWN - NHC 07/22
CHECKED - ELH 07/22

REVISED -
REVISED -
REVISED -
REVISED -

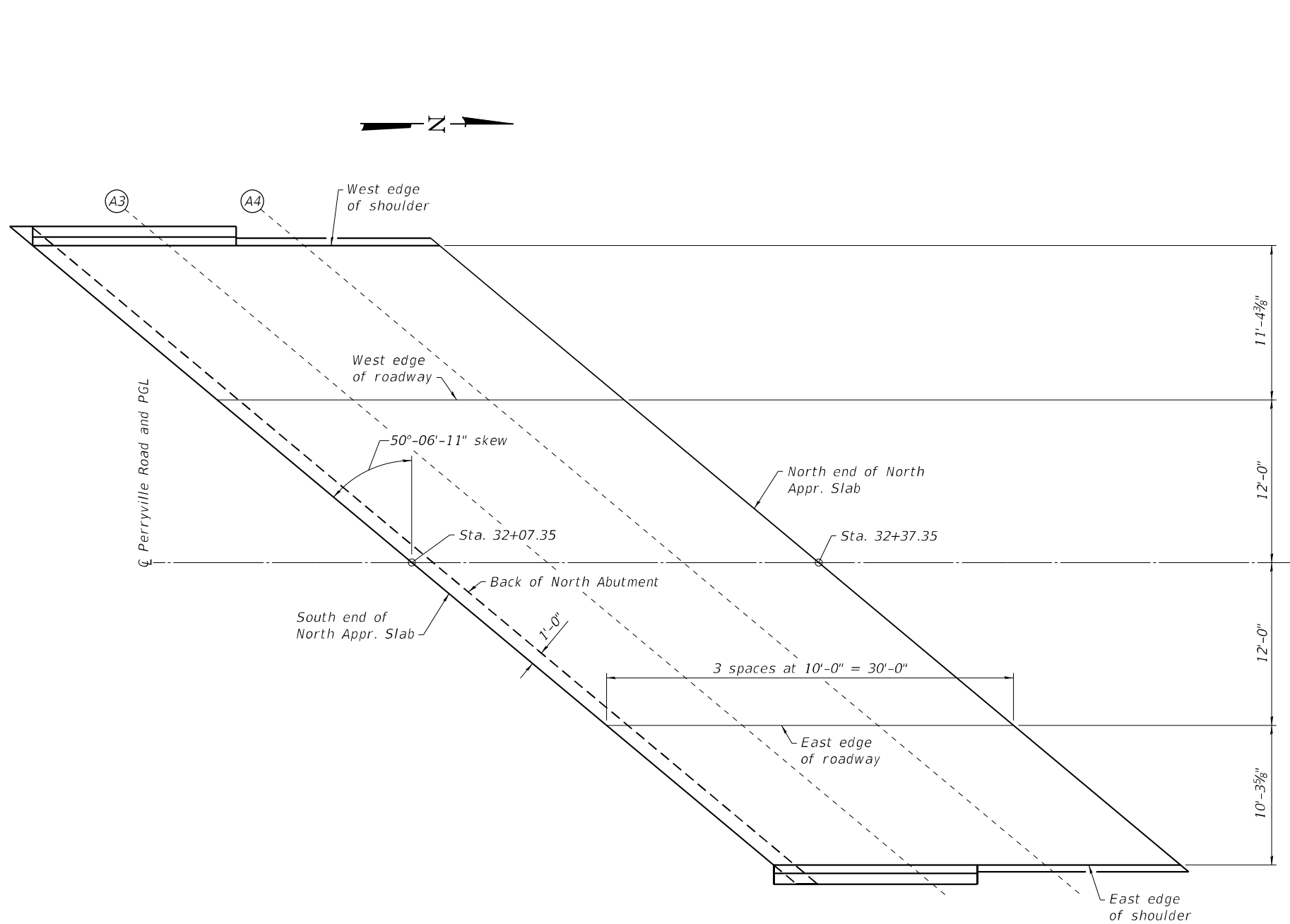
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TOP OF SOUTH APPROACH SLAB ELEVATIONS
STRUCTURE NO. 101-0206**

SHEET 10 OF 41 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HR-3	WINNEBAGO	158	91
CONTRACT NO. 64G68				

ILLINOIS FED. AID PROJECT



NORTH APPROACH SLAB PLAN

NORTH APPROACH SLAB

WEST EDGE OF SHOULDER

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Grinding
S. end of N. Appr.	31+79.40	-23.36	809.80	809.82
A3	31+89.40	-23.36	809.62	809.64
A4	31+99.40	-23.36	809.42	809.44
N. end of N. Appr.	32+09.40	-23.36	809.21	809.23

WEST EDGE OF ROADWAY

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Grinding
S. end of N. Appr.	31+93.00	-12.00	809.77	809.79
A3	32+03.00	-12.00	809.57	809.59
A4	32+13.00	-12.00	809.36	809.38
N. end of N. Appr.	32+23.00	-12.00	809.13	809.15

CL PERRYVILLE ROAD & PROFILE GRADE

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Grinding
S. end of N. Appr.	32+07.35	0.00	809.66	809.68
A3	32+17.35	0.00	809.44	809.46
A4	32+27.35	0.00	809.21	809.23
N. end of N. Appr.	32+37.35	0.00	808.96	808.99

EAST EDGE OF ROADWAY

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Grinding
S. end of N. Appr.	32+21.70	12.00	809.16	809.18
A3	32+31.70	12.00	808.92	808.94
A4	32+41.70	12.00	808.68	808.70
N. end of N. Appr.	32+51.70	12.00	808.42	808.44

EAST EDGE OF SHOULDER

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Grinding
S. end of N. Appr.	32+34.03	22.30	808.66	808.68
A3	32+44.03	22.30	808.41	808.43
A4	32+54.03	22.30	808.15	808.17
N. end of N. Appr.	32+64.03	22.30	807.87	807.89

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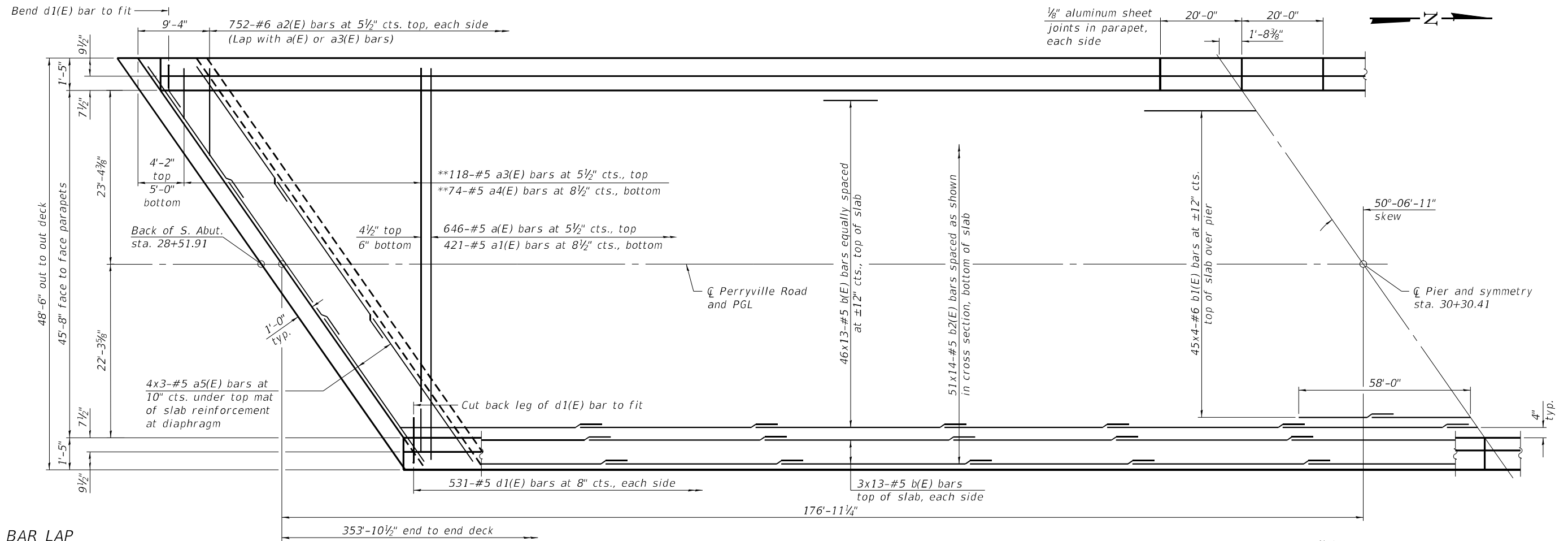
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PLOT DATE = 7/14/2022	CHECKED - ELH 01/22	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TOP OF NORTH APPROACH SLAB ELEVATIONS
STRUCTURE NO. 101-0206**

SHEET 11 OF 41 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	92
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

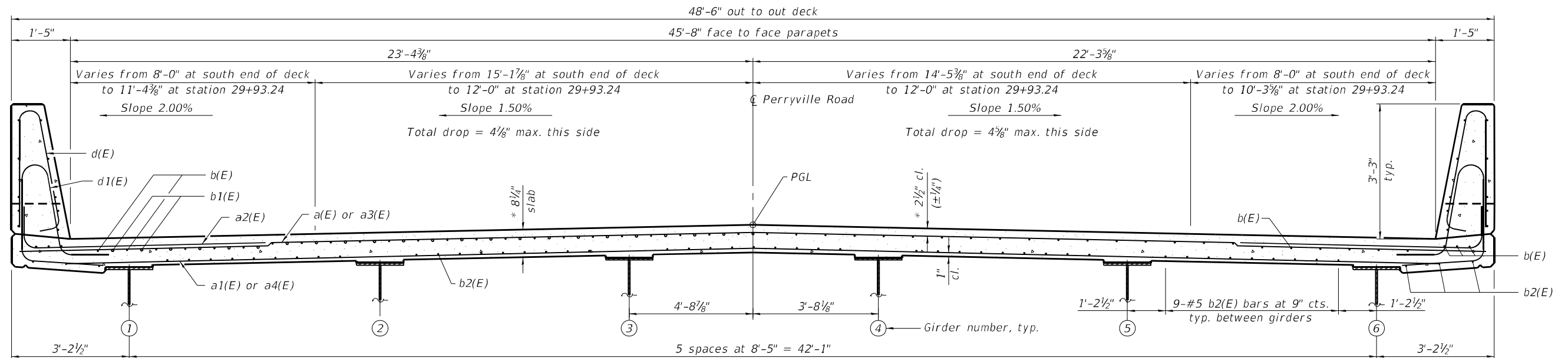


MINIMUM BAR LAP

(Slab)
 #5 bar = 3'-6"
 #6 bar = 3'-7"
 ** See Field Cutting Diagram on Sheet 13 of 41.

PARTIAL PLAN

Notes:
 See Sheet 13 of 41 for superstructure details and Bill of Material.
 Bars indicated thus 20 x 3-#5 etc. indicates 20 lines of bars with 3 lengths per line.



CROSS SECTION

(Looking North)

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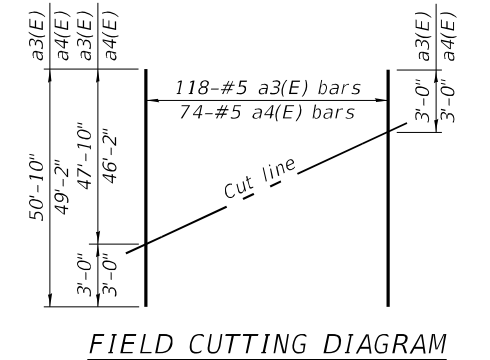
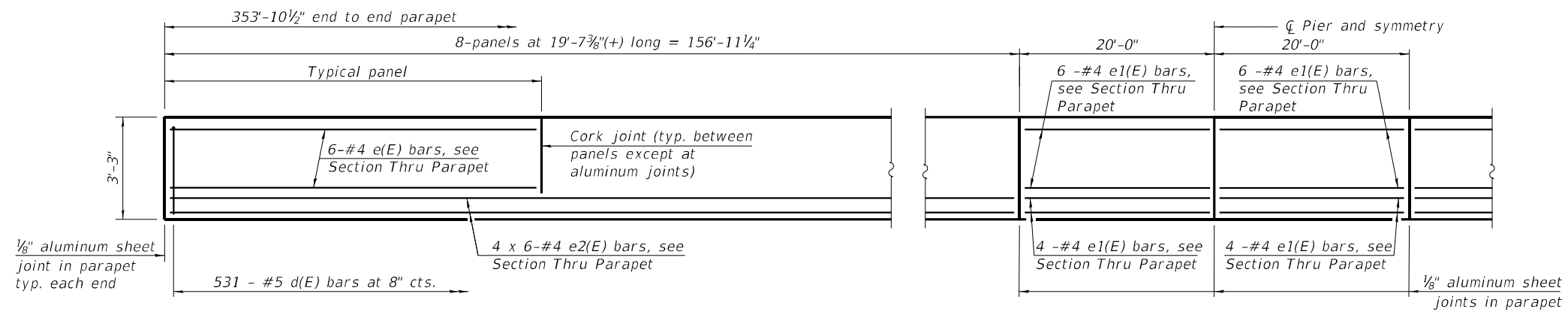
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PLOT DATE = 7/14/2022	CHECKED - ELH 05/22	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUPERSTRUCTURE
 STRUCTURE NO. 101-0206**

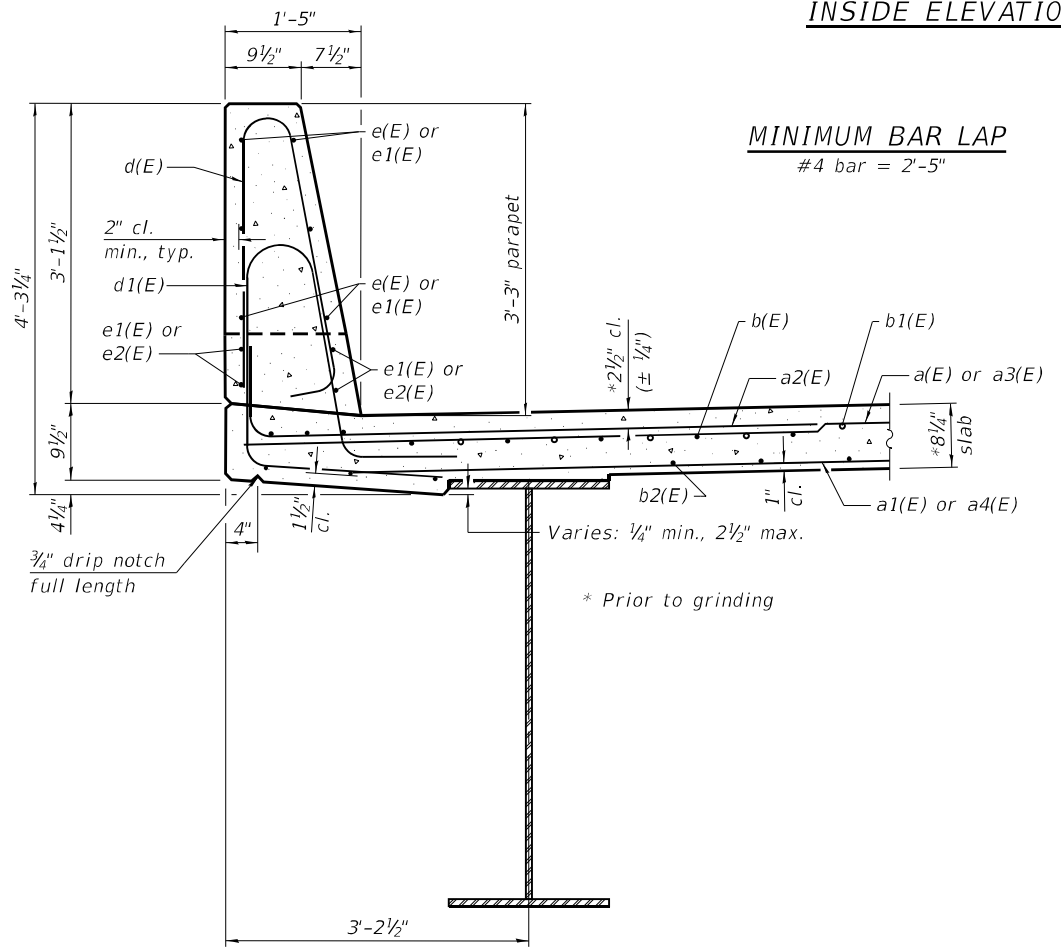
SHEET 12 OF 41 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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			CONTRACT NO. 64G68	
ILLINOIS FED. AID PROJECT				

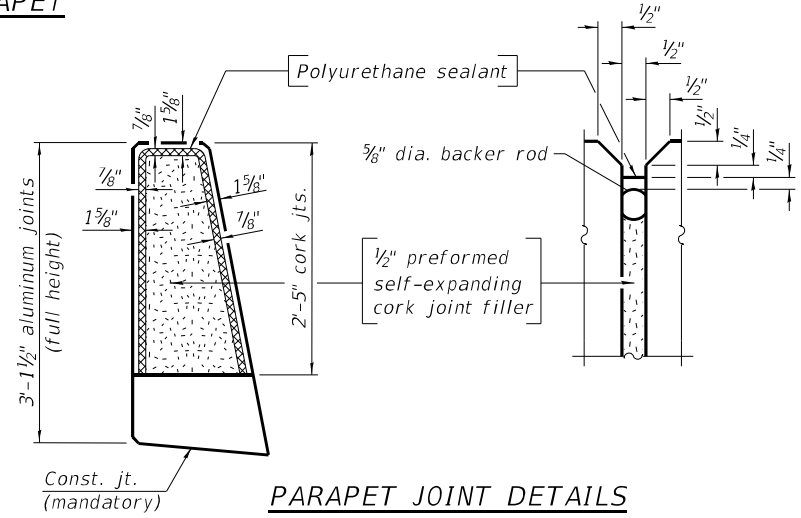


FIELD CUTTING DIAGRAM
Order a3(E) and a4(E) bars full length. Cut as shown and use remainder of bars in opposite end of deck.

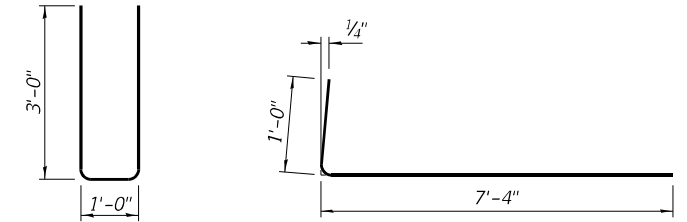
INSIDE ELEVATION OF PARAPET



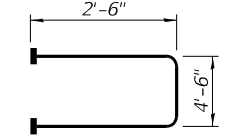
MINIMUM BAR LAP
#4 bar = 2'-5"



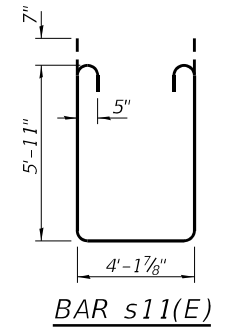
PARAPET JOINT DETAILS



BAR u10(E) **BAR a2(E)**



BAR s10(E)
(Headed)



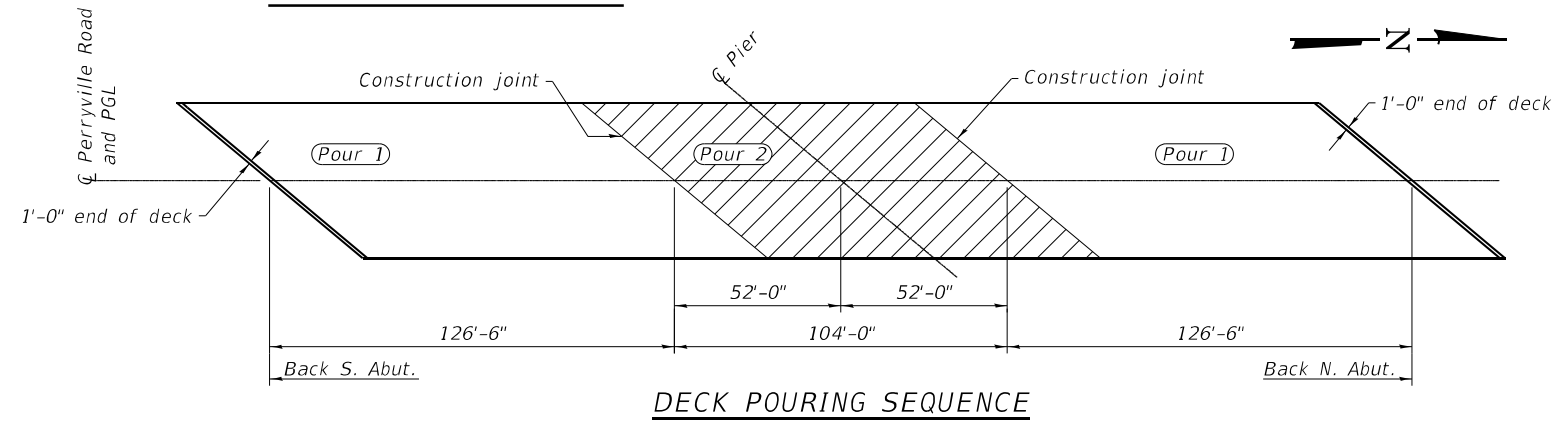
BAR s11(E)

SUPERSTRUCTURE BILL OF MATERIAL

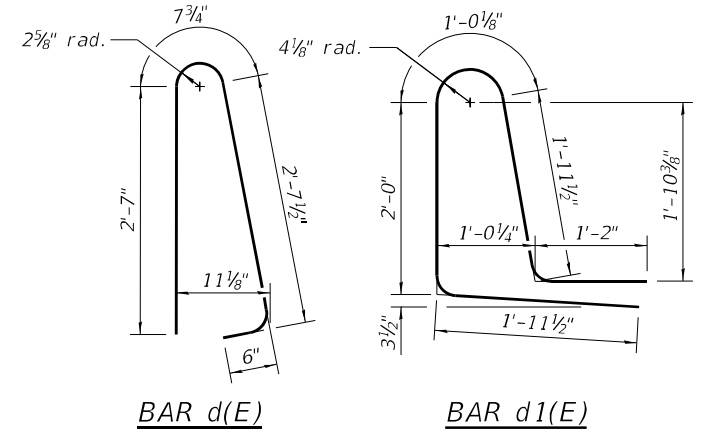
Bar	No.	Size	Length	Shape
a(E)	646	#5	48'-2"	—
a1(E)	421	#5	46'-8"	—
a2(E)	1504	#6	8'-4"	—
a3(E)	118	#5	50'-10"	—
a4(E)	74	#5	49'-2"	—
a5(E)	24	#5	27'-5"	—
b(E)	676	#5	30'-5"	—
b1(E)	180	#6	31'-9"	—
b2(E)	714	#5	28'-6"	—
d(E)	1062	#5	6'-5"	—
d1(E)	1062	#5	8'-2"	—
e(E)	192	#4	19'-3"	—
e1(E)	40	#4	19'-8"	—
e2(E)	96	#4	28'-2"	—
m10(E)	18	#6	27'-9"	—
m11(E)	20	#6	12'-4"	—
m12(E)	50	#6	12'-4"	—
m13(E)	20	#6	39'-7"	—
m14(E)	12	#4	26'-9"	—
m15(E)	28	#6	4'-4"	—
s10(E)	82	#5	9'-6"	U
s11(E)	82	#5	17'-2"	U
u10(E)	82	#4	7'-0"	U
Reinforcement Bars, Epoxy Coated	Pound		161,020	
Concrete Superstructure	Cu. Yd.		686.3	

Notes:
The 1/8" aluminum sheet shall be ASTM B 209 alloy 3003-H14 and coated to minimize reaction with wet concrete. Cost included with Concrete Superstructure.
The polyurethane sealant shall be according to Article 1050.04 of the Std. Spec. and the color shall be gray.
Headed bars shall conform to ASTM A970 with threaded attachment; Class HA; and reinforcement bars conforming to ASTM A706. Cost included with Reinforcement Bars, Epoxy Coated.
When the deck pour is stopped for the day at one or more of the transverse bonded construction joints in the deck pouring sequence as shown, the next pour shall not be made until both of the following are met:
1. At least 72 hours shall have elapsed from the end of the previous pour.
2. The concrete strength shall have attained a minimum flexural strength of 675 psi or a minimum compressive strength of 4000 psi.
Both ends of the deck shall be poured the same day during Pour 1.

SECTION THRU PARAPET



DECK POURING SEQUENCE



BAR d(E) **BAR d1(E)**

Bars indicated thus 4 x 6-#4 etc. indicates 4 lines of bars with 6 lengths per line.

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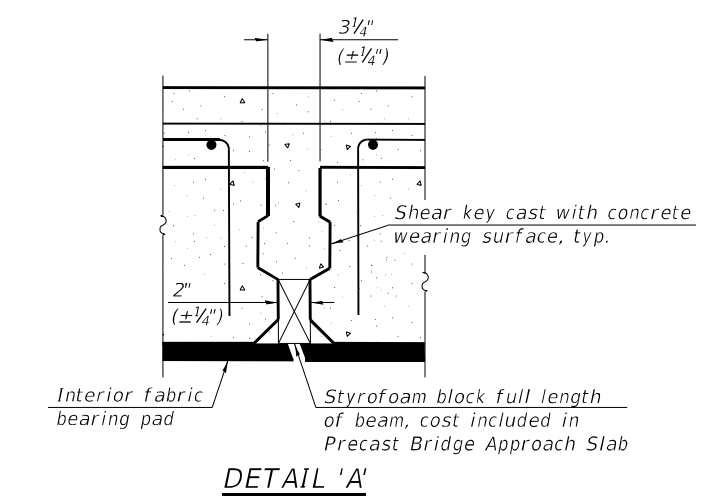
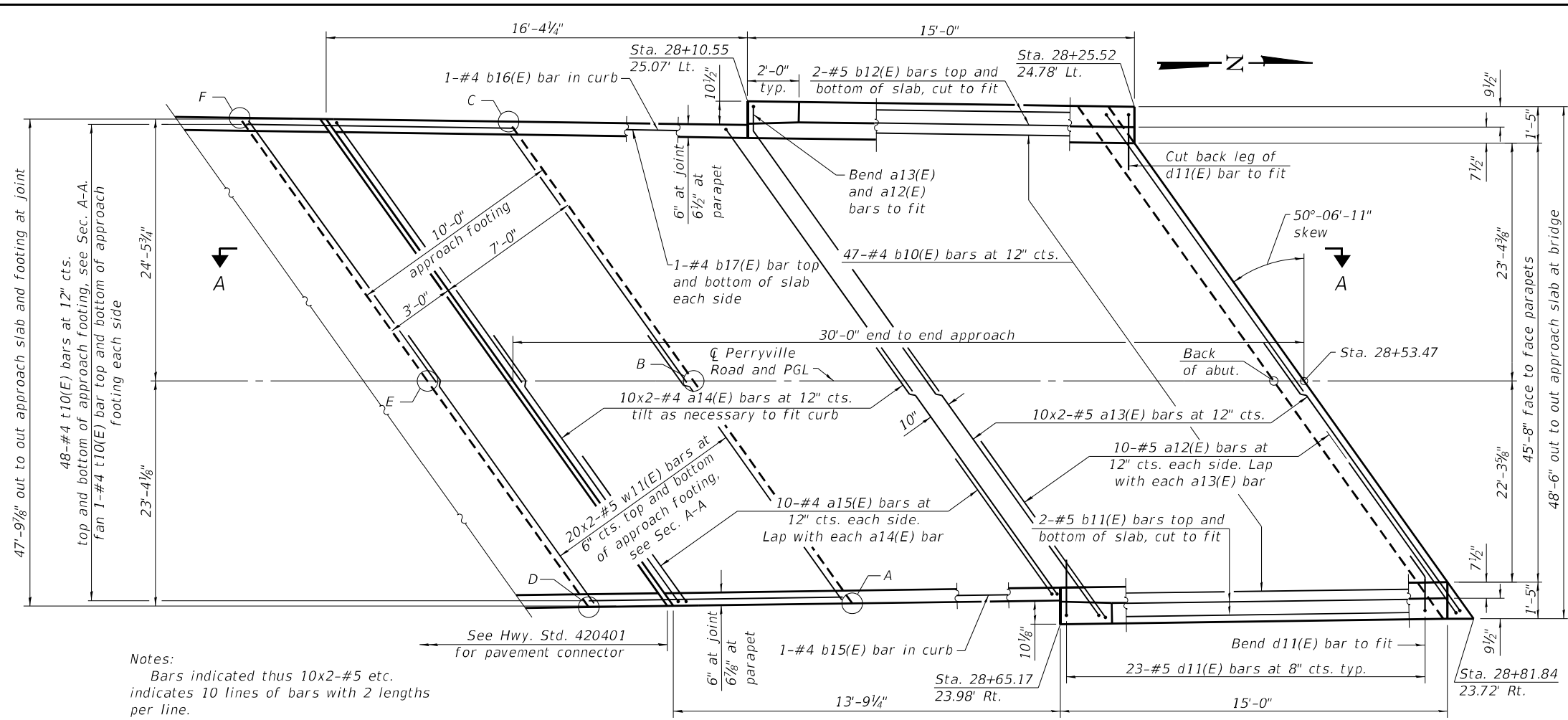
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PLOT SCALE	DRAWN - NHC	05/22	REVISED -
PLOT DATE = 7/14/2022	CHECKED - ELH	05/22	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE DETAILS
STRUCTURE NO. 101-0206

SHEET 13 OF 41 SHEETS

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	94
CONTRACT NO. 64G68			ILLINOIS FED. AID PROJECT	

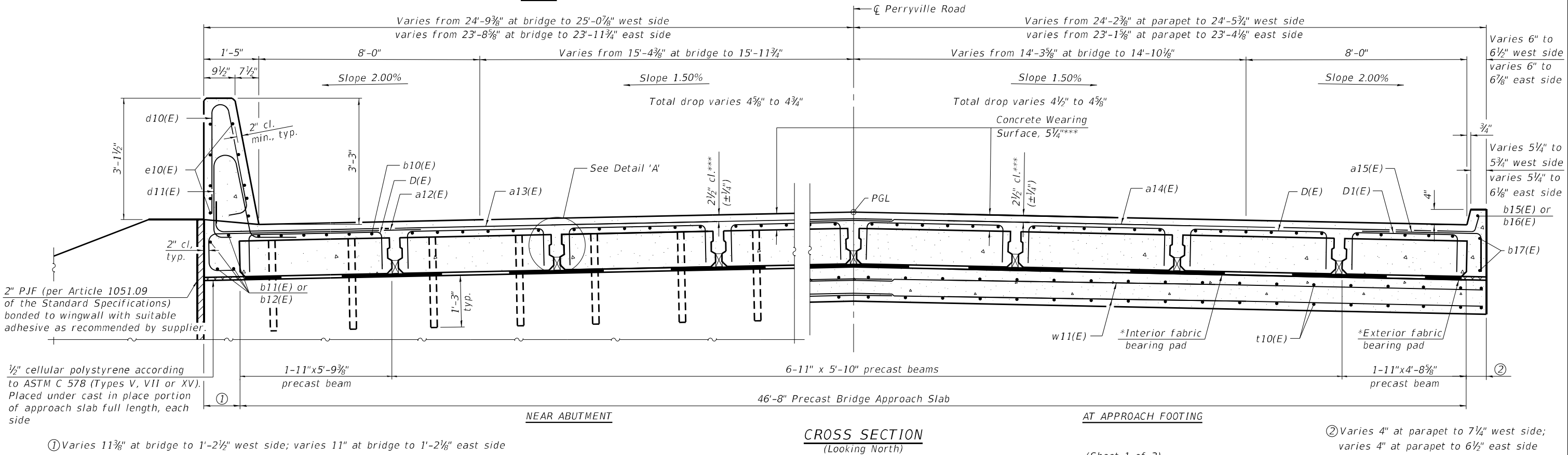


TOP AND BOTTOM ELEVATIONS FOR APPROACH FOOTING

South Approach				
Point/Location	Top	Bottom	Station	Offset (ft.)
A -	808.28	807.45	28+62.10	23.18
B -	808.09	807.26	28+34.38	0.00
C -	806.99	806.15	28+05.33	-24.29
D -	807.97	807.13	28+46.81	23.43
E -	807.72	806.89	28+18.79	0.00
F -	806.55	805.72	27+89.39	-24.58

Notes:
 Bars indicated thus 10x2-#5 etc. indicates 10 lines of bars with 2 lengths per line.
 See Sheet 17 of 41 for Section A-A.

* Fabric bearing pads at the expansion end shall be recessed 1/4" into the approach footing and bonded. Adjusting shims, when required, shall be bonded to the top of the fabric bearing pads.
 *** Prior to grinding



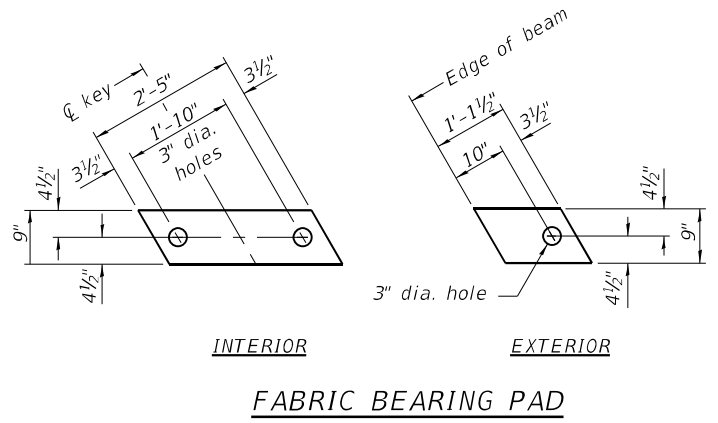
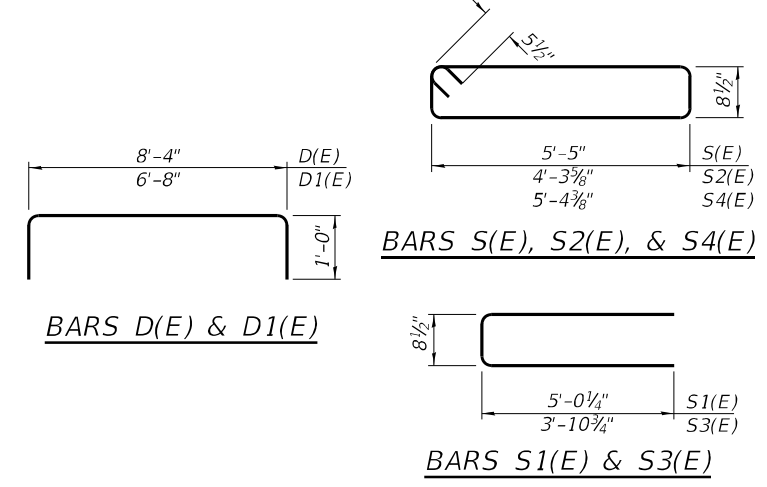
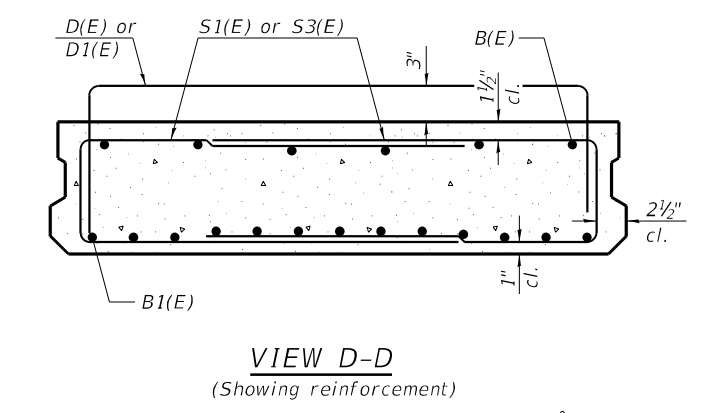
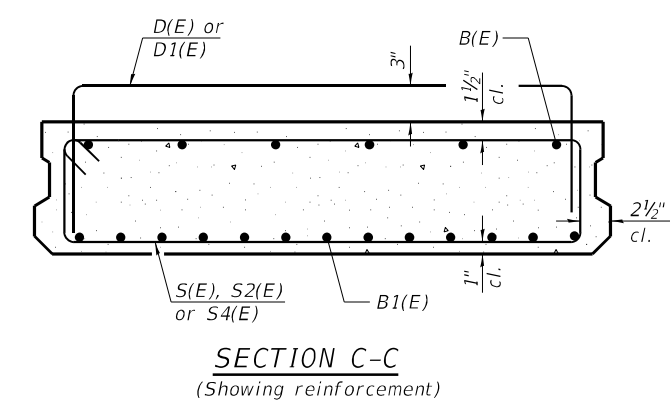
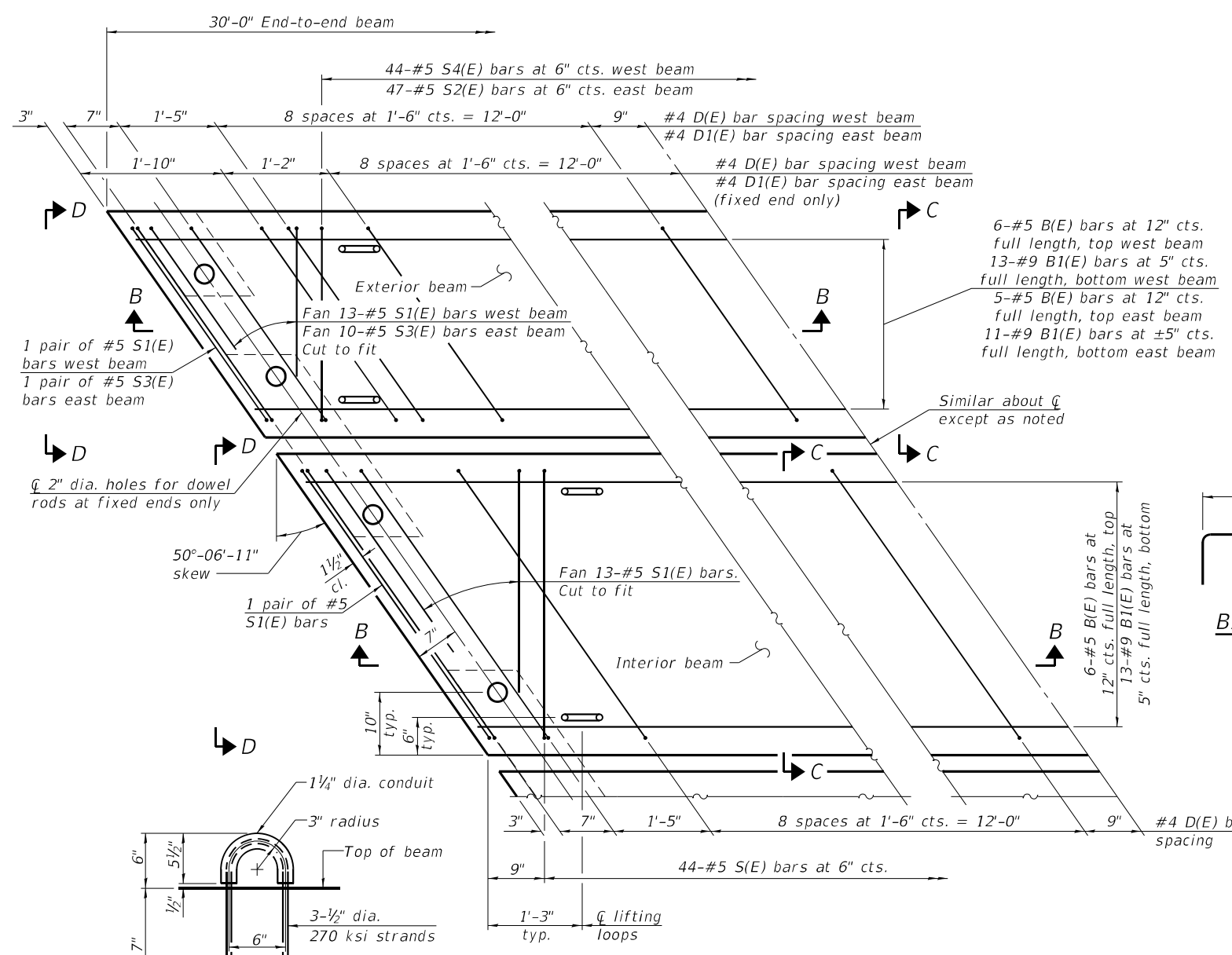
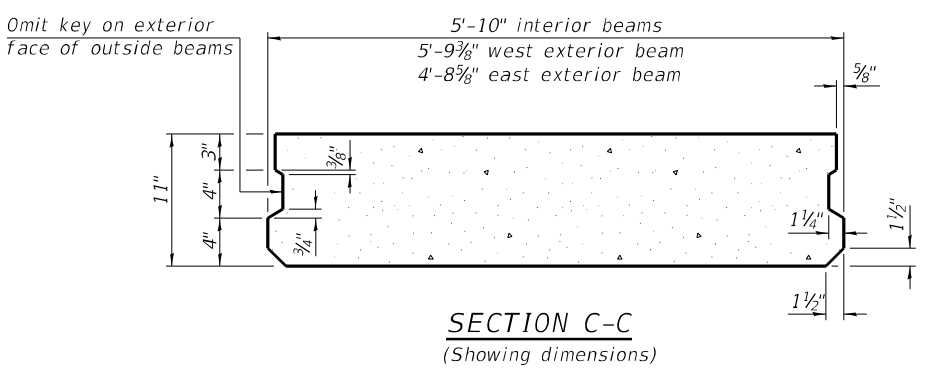
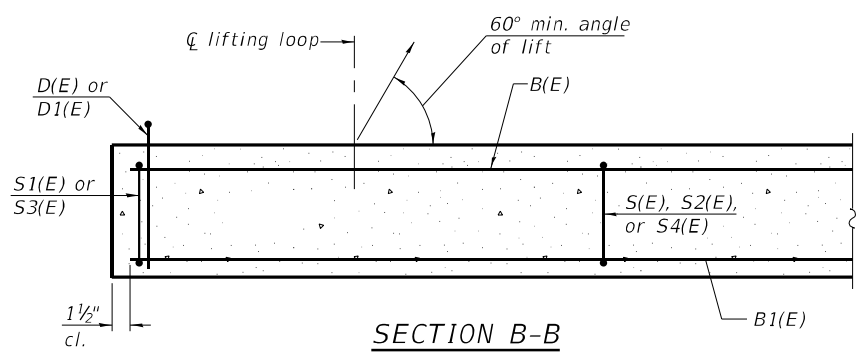
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①Varies 11 3/8" at bridge to 1'-2 1/2" west side; varies 11" at bridge to 1'-2 1/8" east side

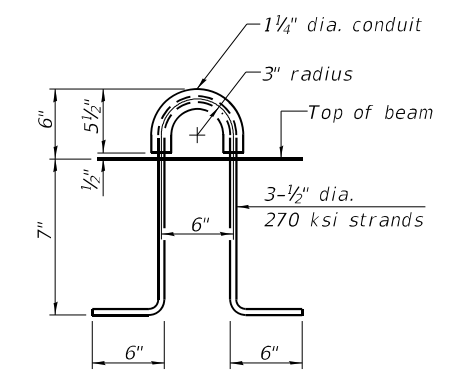
②Varies 4" at parapet to 7 1/4" west side; varies 4" at parapet to 6 1/2" east side

	USER NAME = kah	DESIGNED - ELH 01/22	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOUTH BRIDGE APPROACH SLAB STRUCTURE NO. 101-0206	F.A.I. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	ESCA PROJECT NO. 1140.22	CHECKED - CMH 01/22	REVISED -			39	4HR-3	WINNEBAGO	158	96
	PLOT SCALE	DRAWN - NHC/KAH 07/22	REVISED -	SHEET 15 OF 41 SHEETS		CONTRACT NO. 64G68				
	PLOT DATE = 7/14/2022	CHECKED - ELH 07/22	REVISED -			ILLINOIS FED. AID PROJECT				

Notes:
 The precast bridge approach slab shall be according to Section 504 of the Standard Specifications and shall be paid for at the contract unit price per square foot for Precast Bridge Approach Slab.
 Cast-in-place substitution of Precast Bridge Approach Slab is not allowed.
 The top surface of precast bridge approach beams shall be finished similar to precast prestressed deck beams with concrete wearing surface as specified in the IDOT "Manual for Fabrication of Precast Prestressed Concrete Products."
 Two 1/8" fabric adjusting shims of the dimensions of the exterior bearing pad shall be provided for each bearing pad location. Cost included with Precast Bridge Approach Slab.
 A minimum 2 1/2" dia. lifting pins shall be used to engage the lifting loops during handling. The exposed portion of lifting loops shall be removed prior to pouring the wearing surface.
 Minimum compressive strength of precast concrete, f'c shall be 6,000 psi.
 Minimum compressive strength of precast concrete during initial lifting, f'ci shall be 5,000 psi.



Notes:
 Bearing pads at fixed end shall be 1/2" thick and bearing pads at expansion end shall be 3/4" thick.
 Omit holes for fabric bearing pads at approach slab footing end of beams.



PLAN VIEW
 (Showing precast bridge approach beams)
 (Spacing of D(E) and D1(E) bars may be adjusted up to 3" to miss the dowel rod holes and the lifting loops at the beam ends)

BAR LIST WEST EXTERIOR BEAM
 (For information only)

Bar	No.	Size	Length	Shape
B(E)	6	#5	29'-8"	—
B1(E)	13	#9	29'-8"	—
D(E)	32	#4	10'-4"	┌
S1(E)	30	#5	10'-9"	▬
S4(E)	44	#5	13'-1"	▬

BAR LIST EACH INTERIOR BEAM
 (For information only)

Bar	No.	Size	Length	Shape
B(E)	6	#5	29'-8"	—
B1(E)	13	#9	29'-8"	—
D(E)	22	#4	10'-4"	┌
S(E)	44	#5	13'-2"	▬
S1(E)	30	#5	10'-9"	▬

BAR LIST EAST EXTERIOR BEAM
 (For information only)

Bar	No.	Size	Length	Shape
B(E)	5	#5	29'-8"	—
B1(E)	11	#9	29'-8"	—
D1(E)	32	#4	8'-8"	┌
S2(E)	47	#5	11'-0"	▬
S3(E)	24	#5	8'-6"	▬

(Sheet 2 of 3)

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 ESCA PROJECT NO. 1140-22
 PLOT SCALE
 PLOT DATE = 7/14/2022

DESIGNED - ELH 01/22
 CHECKED - CMH 01/22
 DRAWN - NHC 07/22
 CHECKED - ELH 07/22

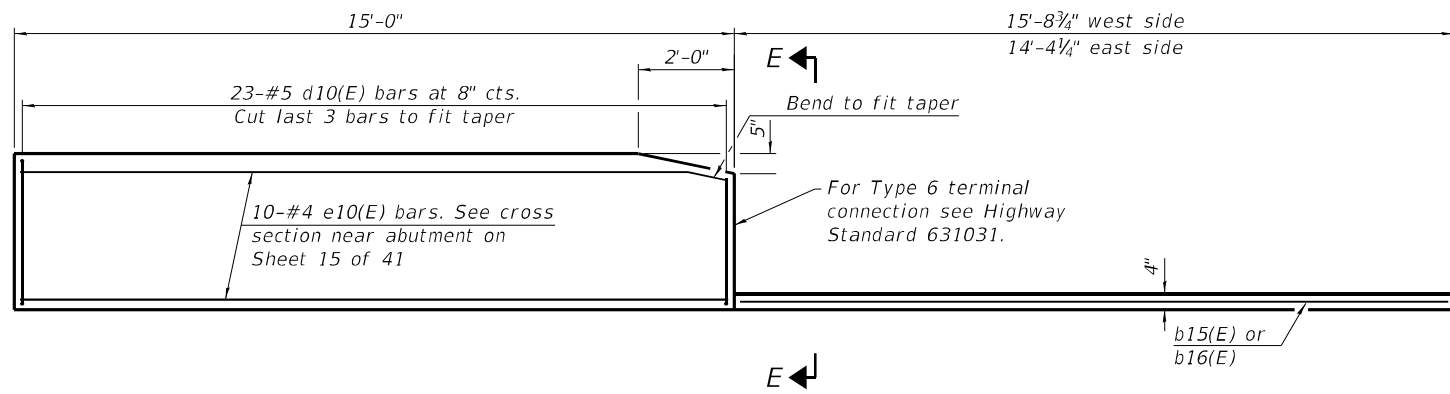
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

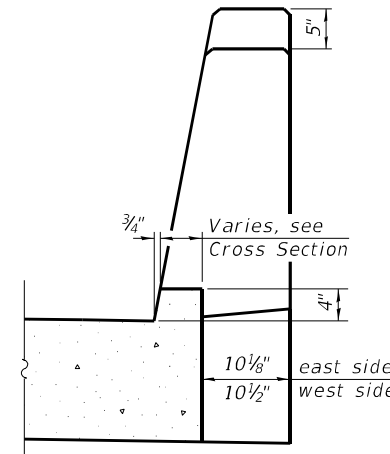
**SOUTH BRIDGE APPROACH SLAB
 STRUCTURE NO. 101-0206**

SHEET 16 OF 41 SHEETS

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	97
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				



INSIDE ELEVATION OF PARAPET AND CURB



VIEW E-E

Notes:

The joint opening shall be adjusted for temperature per Article 520.04 of the Standard Specifications. However, since this detail is for jointless structures, the length of bridge used to calculate the adjustment shall be equal to half the total bridge length plus the length of the bridge approach slab.

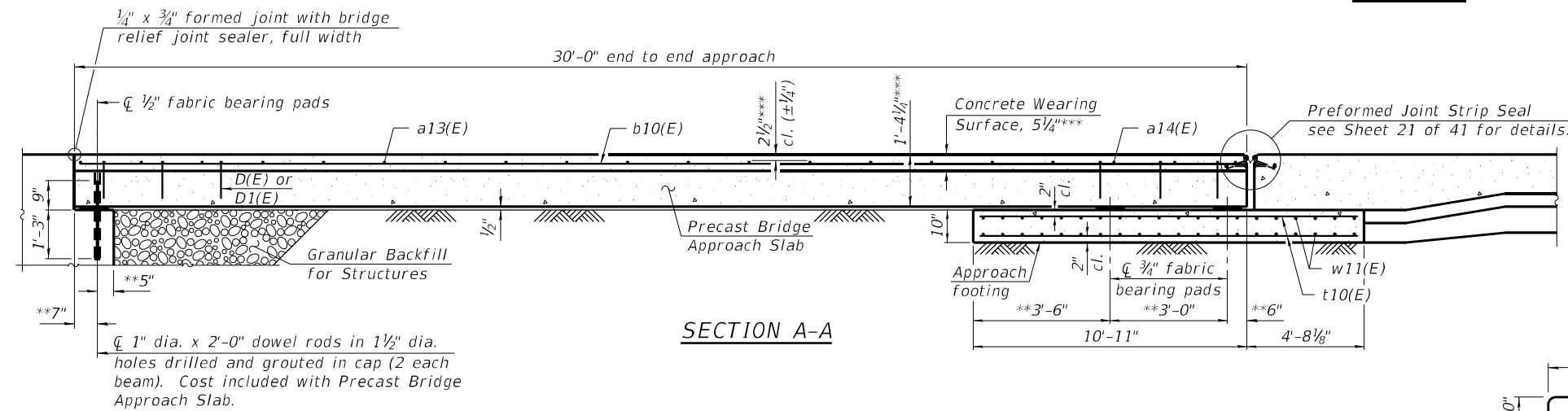
After precast bridge approach beams have been erected, holes shall be drilled into abutment and anchor dowels placed. Dowel holes shall be filled with non-shrink grout to top of precast beam and cured according to Article 1020.13(a)(3) or 1020.13(a)(5) of the Standard Specifications for a minimum of 24 hours before casting the shear keys and wearing surface.

Any concrete poured monolithically with the wearing surface, such as curbs and approach widening, shall not be paid for separately, but will be included in the cost of Concrete Wearing Surface, 5 1/4".

The strip seal shall extend 6" beyond the edge of the approach slab on each end. Parapet concrete shall be paid for as Concrete Superstructure.

Approach footing concrete shall be paid for as Concrete Structures. The approach footing maximum applied service bearing pressure (Qmax) = 2.0 ksf. Cost of excavation for approach footing included with Concrete Structures.

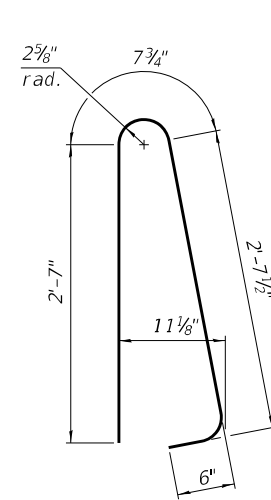
For Granular Backfill for Structures and drainage treatment details, see Sheet 3 of 41. Cost of cellular polystyrene is included with Concrete Wearing Surface, 5 1/4".



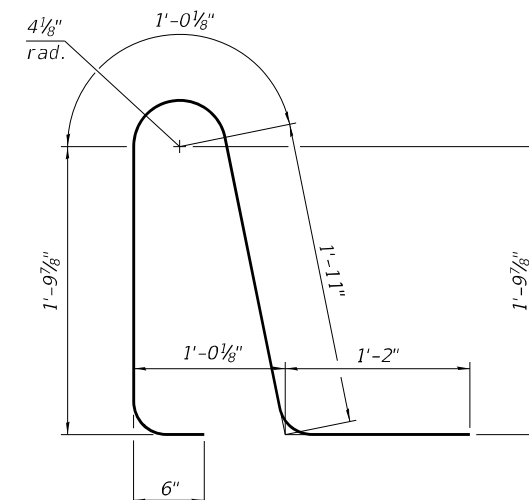
SECTION A-A

1" dia. x 2'-0" dowel rods in 1 1/2" dia. holes drilled and grouted in cap (2 each beam). Cost included with Precast Bridge Approach Slab.

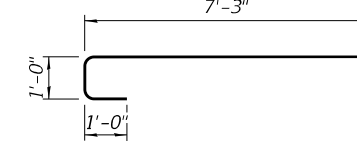
** At right angles
*** Prior to grinding



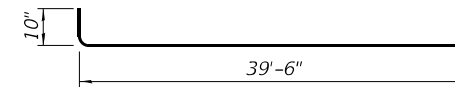
BAR d10(E)



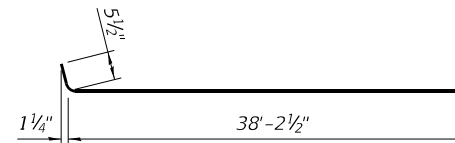
BAR d11(E)



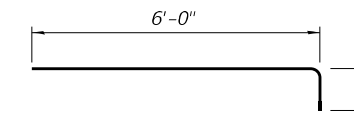
BAR a12(E)



BAR a13(E)



BAR a14(E)



BAR a15(E)

SOUTH APPROACH
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a12(E)	20	#5	9'-3"	
a13(E)	20	#5	40'-4"	
a14(E)	20	#4	38'-8"	
a15(E)	20	#4	7'-0"	
b10(E)	47	#4	29'-8"	
b11(E)	4	#5	16'-4"	
b12(E)	4	#5	14'-8"	
b15(E)	1	#4	13'-9"	
b16(E)	1	#4	15'-8"	
b17(E)	4	#4	18'-8"	
d10(E)	46	#5	6'-5"	
d11(E)	46	#5	6'-5"	
e10(E)	20	#4	14'-8"	
t10(E)	100	#4	15'-0"	
w11(E)	80	#5	38'-9"	
Concrete Superstructure			Cu. Yd.	3.9
Concrete Structures			Cu. Yd.	23.0
Reinforcement Bars, Epoxy Coated			Pound	7,830
Precast Bridge Approach Slab			Sq. Ft.	1,400
Concrete Wearing Surface, 5 1/4"			Sq. Yd.	161

(Sheet 3 of 3)

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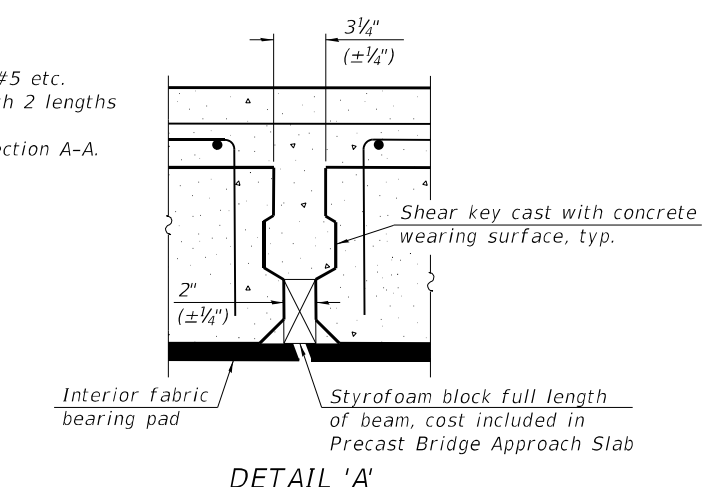
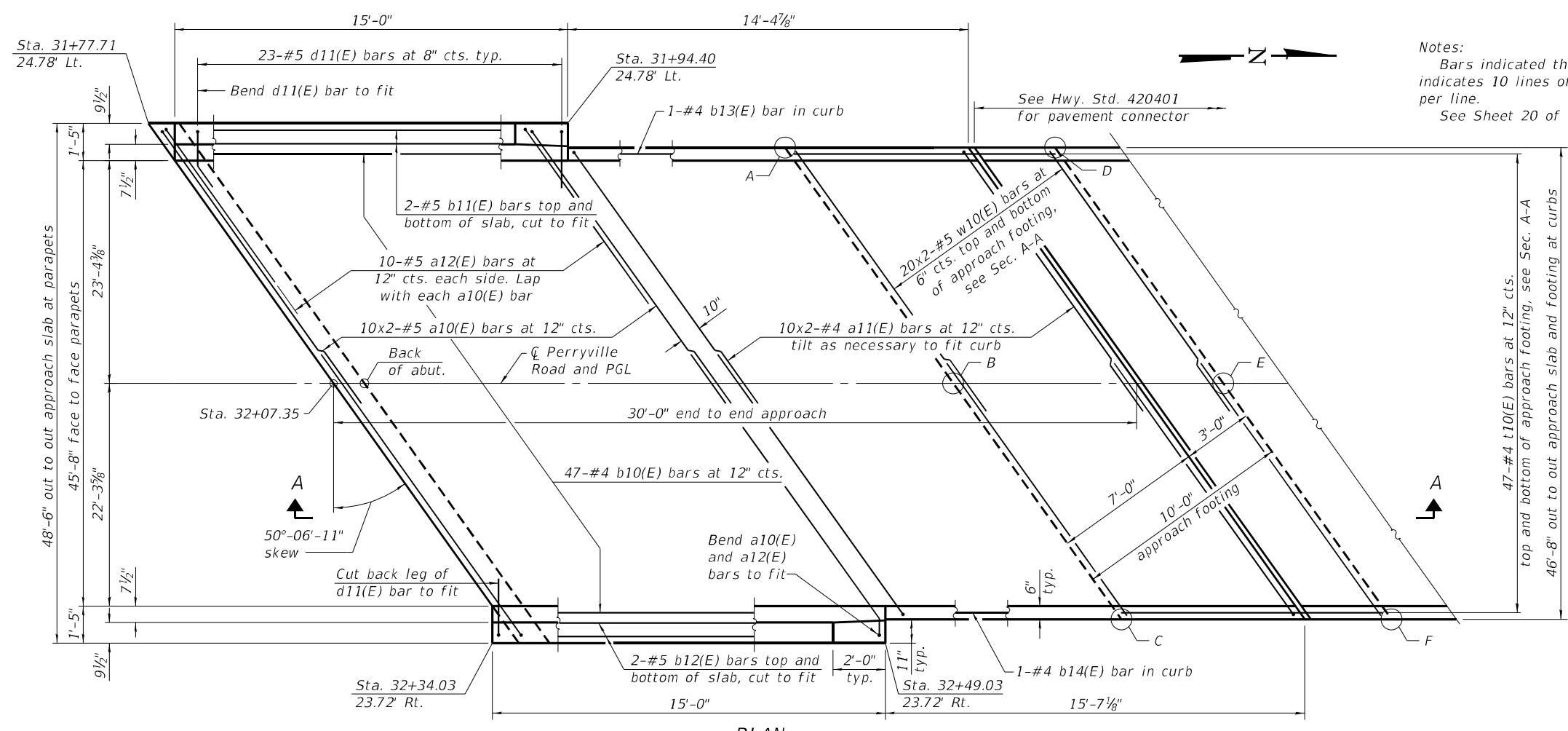
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PLOT SCALE	DRAWN - NHC	07/22	REVISED -
PLOT DATE = 7/14/2022	CHECKED - ELH	07/22	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOUTH BRIDGE APPROACH SLAB
STRUCTURE NO. 101-0206

SHEET 17 OF 41 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	98
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

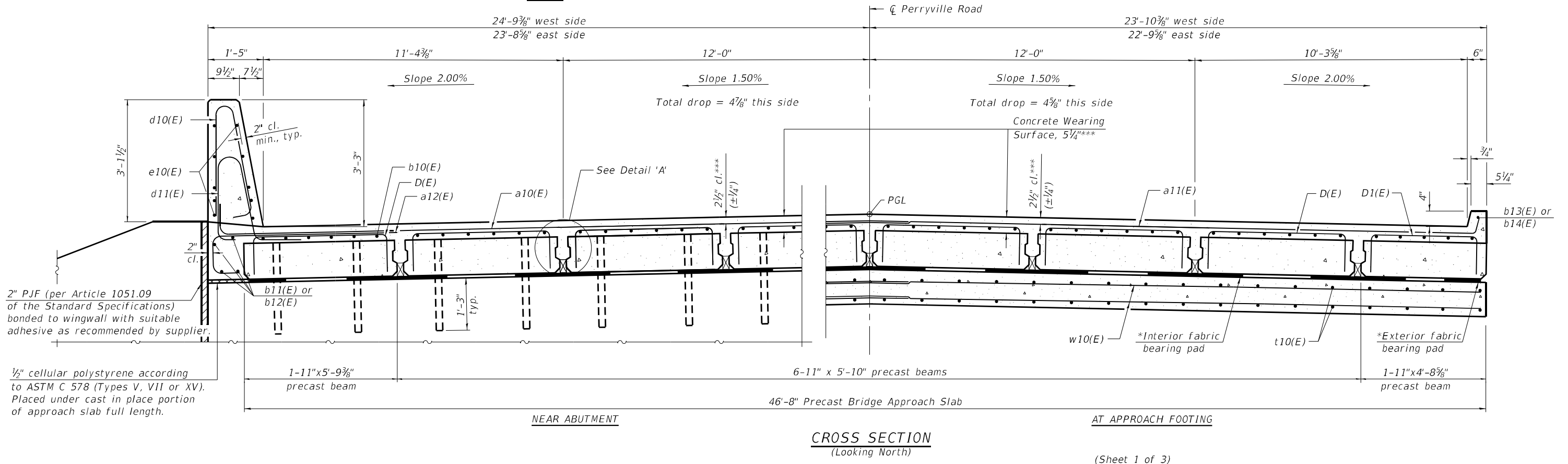


TOP AND BOTTOM ELEVATIONS FOR APPROACH FOOTING

North Approach				
Point/Location	Top	Bottom	Station	Offset (ft.)
A -	808.06	807.23	31+97.90	-23.86
B -	807.85	807.02	32+26.44	0.00
C -	806.77	805.94	32+53.71	22.80
D -	807.73	806.90	32+13.49	-23.86
E -	807.47	806.64	32+42.03	0.00
F -	806.34	805.50	32+69.30	22.80

* Fabric bearing pads at the expansion end shall be recessed 1/4" into the approach footing and bonded. Adjusting shims, when required, shall be bonded to the top of the fabric bearing pads.

*** Prior to grinding

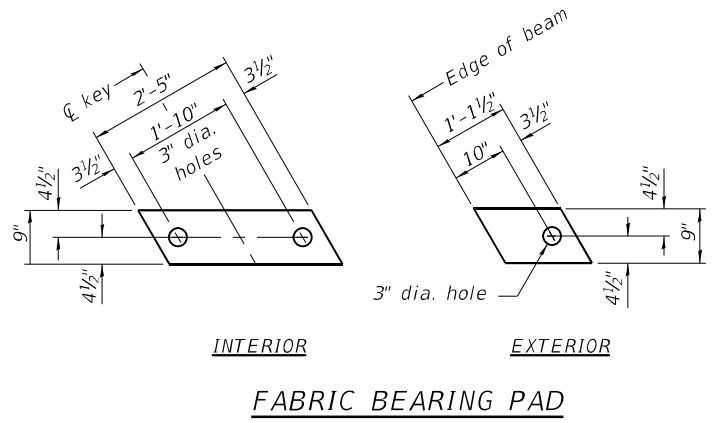
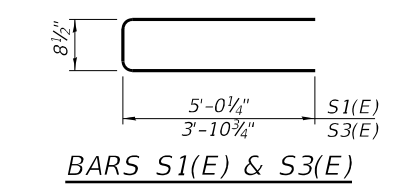
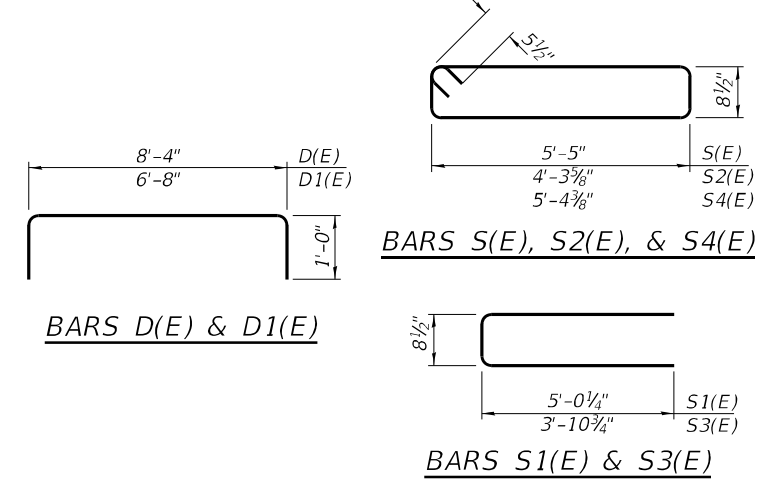
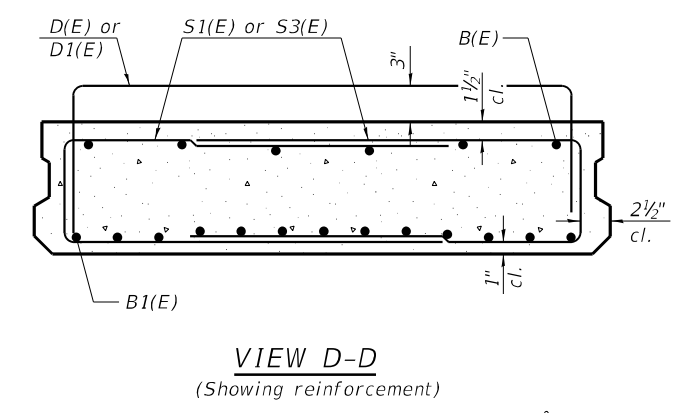
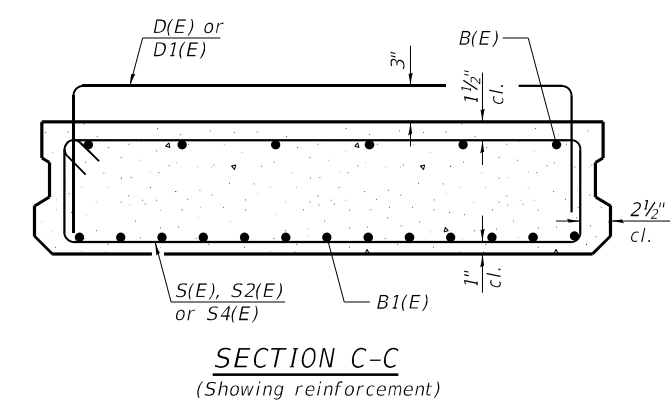
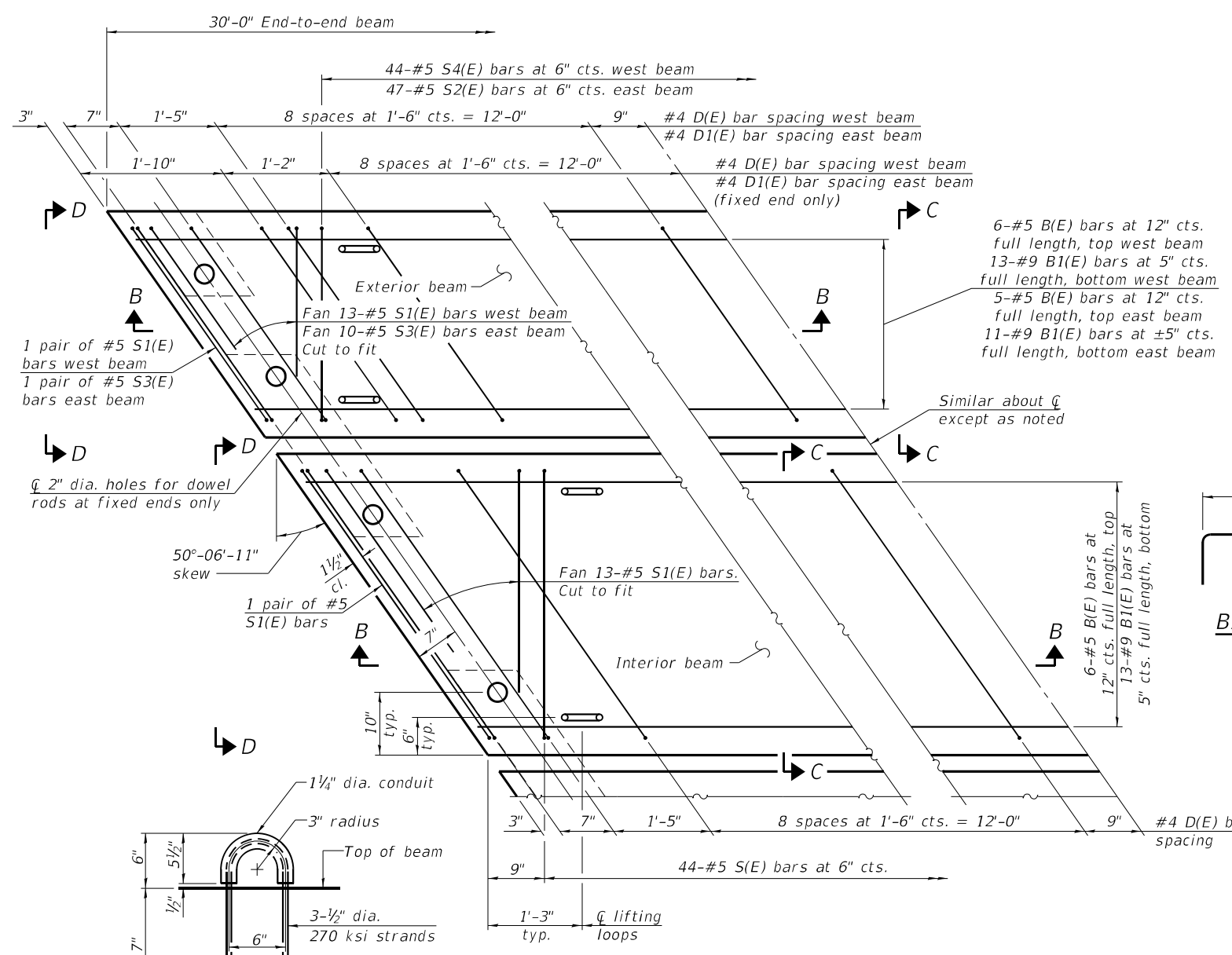
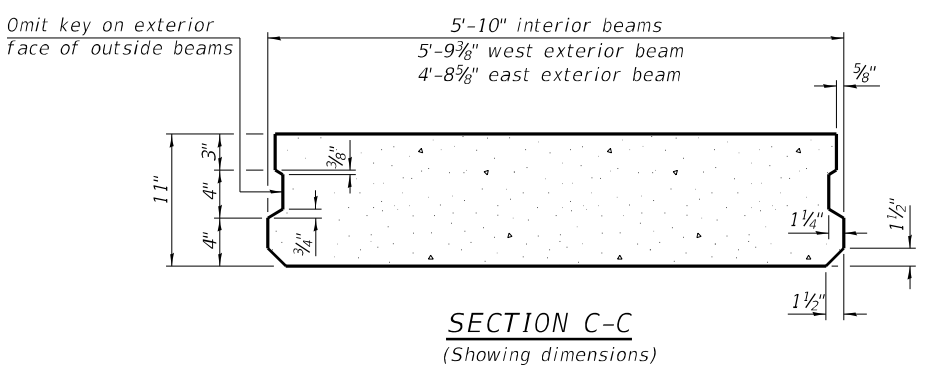
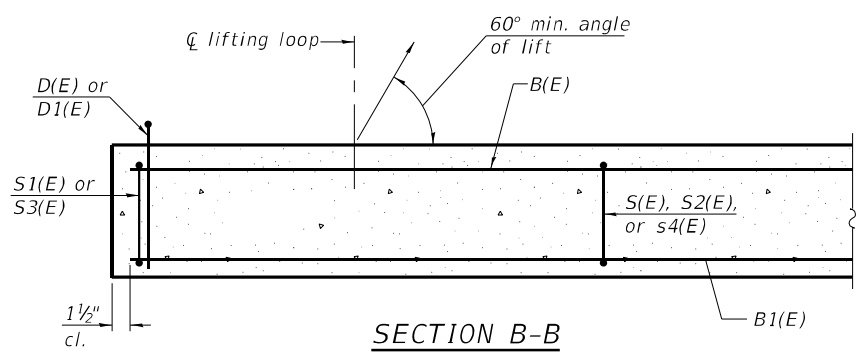


2" PJF (per Article 1051.09 of the Standard Specifications) bonded to wingwall with suitable adhesive as recommended by supplier.

1/2" cellular polystyrene according to ASTM C 578 (Types V, VII or XV). Placed under cast in place portion of approach slab full length.

MODEL: PLOT FILE NAME: Y:\DOT\1140-22_64G68\CADD\SN101-0206\1010206-64G68-18-NAApproachSlab.dgn

Notes:
 The precast bridge approach slab shall be according to Section 504 of the Standard Specifications and shall be paid for at the contract unit price per square foot for Precast Bridge Approach Slab.
 Cast-in-place substitution of Precast Bridge Approach Slab is not allowed.
 The top surface of precast bridge approach beams shall be finished similar to precast prestressed deck beams with concrete wearing surface as specified in the IDOT "Manual for Fabrication of Precast Prestressed Concrete Products."
 Two 1/8" fabric adjusting shims of the dimensions of the exterior bearing pad shall be provided for each bearing pad location. Cost included with Precast Bridge Approach Slab.
 A minimum 2 1/2" dia. lifting pins shall be used to engage the lifting loops during handling. The exposed portion of lifting loops shall be removed prior to pouring the wearing surface.
 Minimum compressive strength of precast concrete, f'c shall be 6,000 psi.
 Minimum compressive strength of precast concrete during initial lifting, f'ci shall be 5,000 psi.



Notes:
 Bearing pads at fixed end shall be 1/2" thick and bearing pads at expansion end shall be 3/4" thick.
 Omit holes for fabric bearing pads at approach slab footing end of beams.

BAR LIST WEST EXTERIOR BEAM
 (For information only)

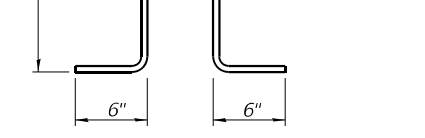
Bar	No.	Size	Length	Shape
B(E)	6	#5	29'-8"	—
B1(E)	13	#9	29'-8"	—
D(E)	32	#4	10'-4"	┌
S1(E)	30	#5	10'-9"	▬
S4(E)	44	#5	13'-1"	▬

BAR LIST EACH INTERIOR BEAM
 (For information only)

Bar	No.	Size	Length	Shape
B(E)	6	#5	29'-8"	—
B1(E)	13	#9	29'-8"	—
D(E)	22	#4	10'-4"	┌
S(E)	44	#5	13'-2"	▬
S1(E)	30	#5	10'-9"	▬

BAR LIST EAST EXTERIOR BEAM
 (For information only)

Bar	No.	Size	Length	Shape
B(E)	5	#5	29'-8"	—
B1(E)	11	#9	29'-8"	—
D1(E)	32	#4	8'-8"	┌
S2(E)	47	#5	11'-0"	▬
S3(E)	24	#5	8'-6"	▬



PLAN VIEW
 (Showing precast bridge approach beams)
 (Spacing of D(E) and D1(E) bars may be adjusted up to 3" to miss the dowel rod holes and the lifting loops at the beam ends)

(Sheet 2 of 3)

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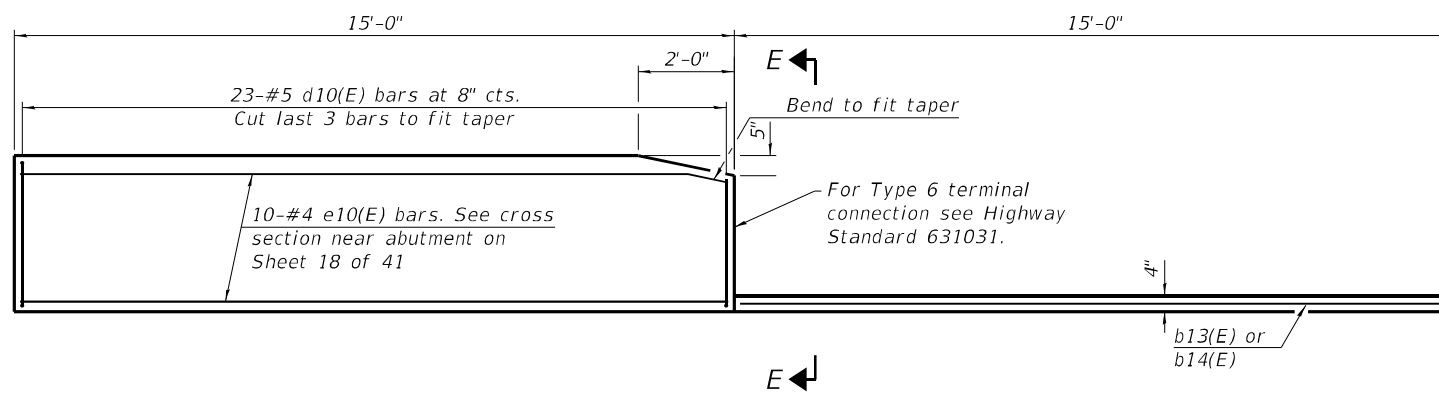
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

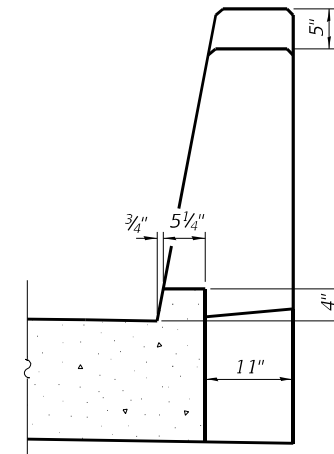
NORTH BRIDGE APPROACH SLAB
STRUCTURE NO. 101-0206

SHEET 19 OF 41 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	100
			CONTRACT NO. 64G68	
ILLINOIS FED. AID PROJECT				



INSIDE ELEVATION OF PARAPET AND CURB



VIEW E-E

Notes:

The joint opening shall be adjusted for temperature per Article 520.04 of the Standard Specifications. However, since this detail is for jointless structures, the length of bridge used to calculate the adjustment shall be equal to half the total bridge length plus the length of the bridge approach slab.

After precast bridge approach beams have been erected, holes shall be drilled into abutment and anchor dowels placed. Dowel holes shall be filled with non-shrink grout to top of precast beam and cured according to Article 1020.13(a)(3) or 1020.13(a)(5) of the Standard Specifications for a minimum of 24 hours before casting the shear keys and wearing surface.

Any concrete poured monolithically with the wearing surface, such as curbs, shall not be paid for separately, but will be included in the cost of Concrete Wearing Surface, 5 1/4".

The strip seal shall extend 6" beyond the edge of the approach slab on each end. Parapet concrete shall be paid for as Concrete Superstructure.

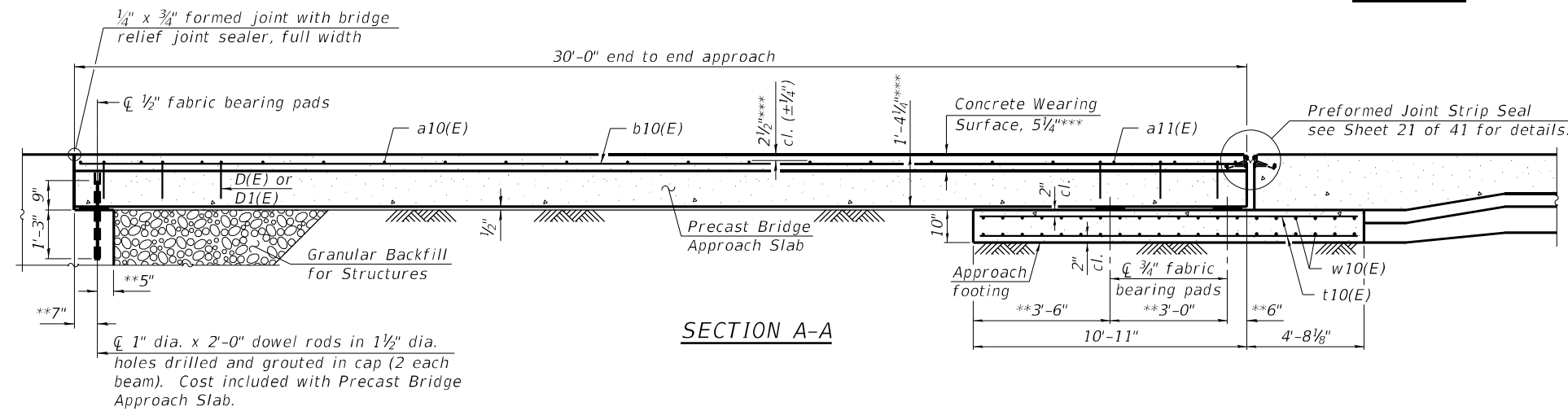
Approach footing concrete shall be paid for as Concrete Structures.

The approach footing maximum applied service bearing pressure (Qmax) = 2.0 ksf.

Cost of excavation for approach footing included with Concrete Structures.

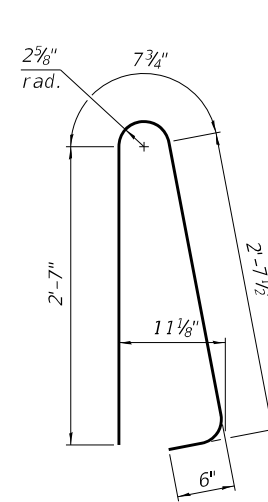
For Granular Backfill for Structures and drainage treatment details, see Sheet 3 of 41.

Cost of cellular polystyrene is included with Concrete Wearing Surface, 5 1/4".

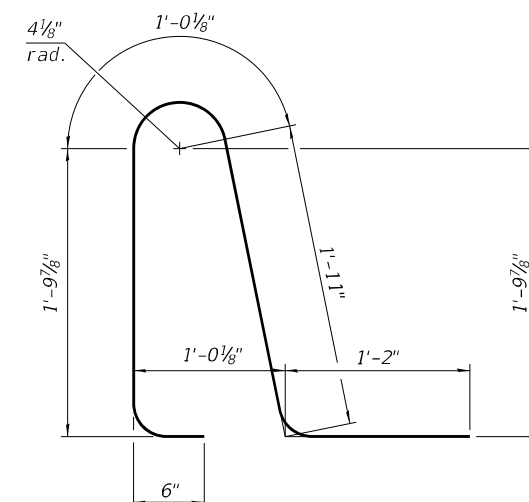


SECTION A-A

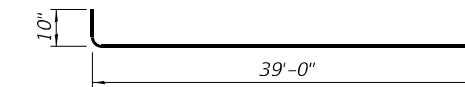
** At right angles
*** Prior to grinding



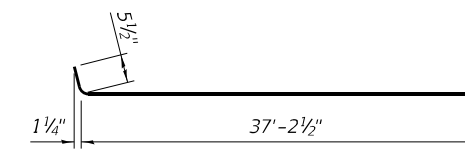
BAR d10(E)



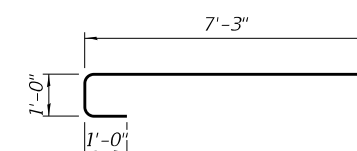
BAR d11(E)



BAR a10(E)



BAR a11(E)



BAR a12(E)

NORTH APPROACH
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a10(E)	20	#5	39'-10"	┌───┐
a11(E)	20	#4	37'-8"	┌───┐
a12(E)	20	#5	9'-3"	┌───┐
b10(E)	47	#4	29'-8"	───
b11(E)	4	#5	16'-4"	───
b12(E)	4	#5	14'-8"	───
b13(E)	1	#4	14'-4"	───
b14(E)	1	#4	15'-3"	───
d10(E)	46	#5	6'-5"	┌───┐
d11(E)	46	#5	6'-5"	┌───┐
e10(E)	20	#4	14'-8"	───
t10(E)	94	#4	15'-0"	───
w10(E)	80	#5	37'-8"	───
Concrete Superstructure			Cu. Yd.	3.9
Concrete Structures			Cu. Yd.	22.5
Reinforcement Bars, Epoxy Coated			Pound	7,510
Precast Bridge Approach Slab			Sq. Ft.	1,400
Concrete Wearing Surface, 5 1/4"			Sq. Yd.	159

(Sheet 3 of 3)

MODEL: PLOT
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PLOT DATE = 7/14/2022	CHECKED - ELH	07/22	REVISED -

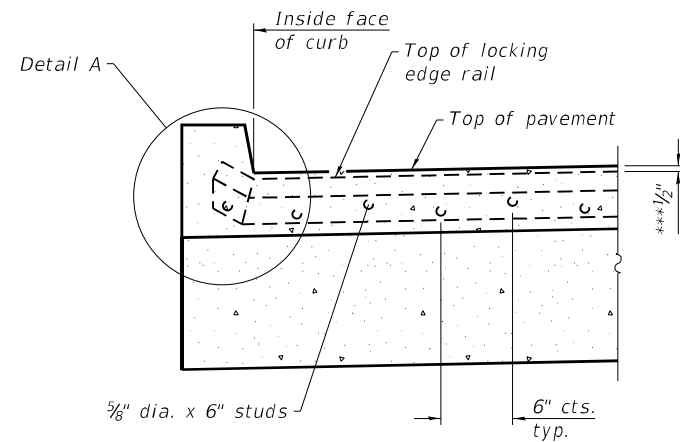
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH BRIDGE APPROACH SLAB
STRUCTURE NO. 101-0206

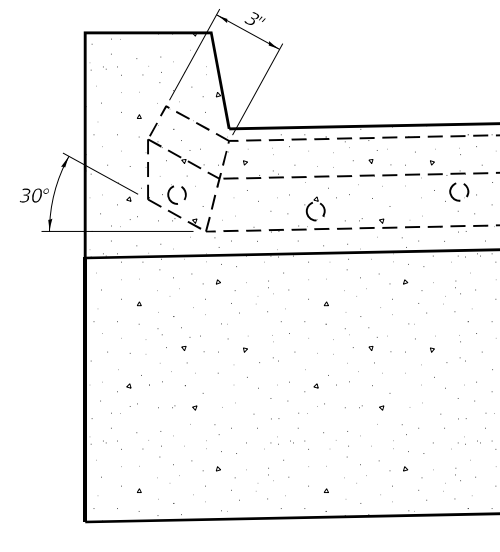
SHEET 20 OF 41 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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			CONTRACT NO. 64G68	
ILLINOIS FED. AID PROJECT				

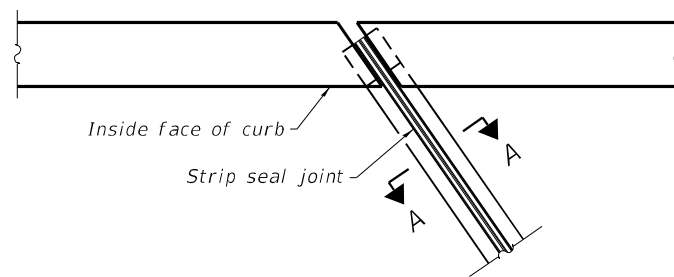
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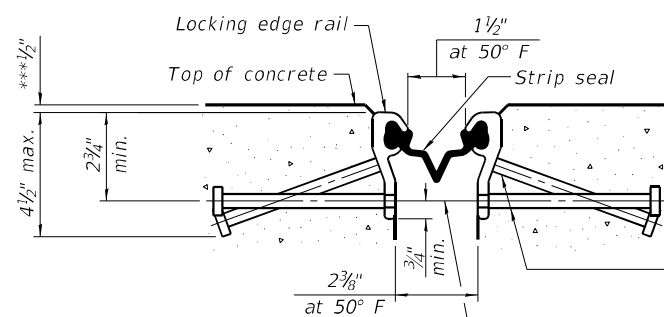
SECTION AT CURB



DETAIL A

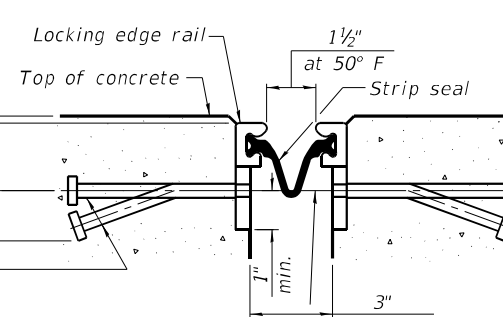


PLAN AT CURB



SHOWING ROLLED RAIL JOINT

* 5/8" ϕ x 6" studs @ 6" cts. (alternate angled/bent studs with horizontal studs)
 3/8" ϕ threaded rods in 1/16" ϕ holes at ± 4 "-0" cts. for holding the proper joint opening based on the temperature during the deck pour. Place to miss studs. All rods shall be burned, or sawed off flush with the plates after concrete is set.

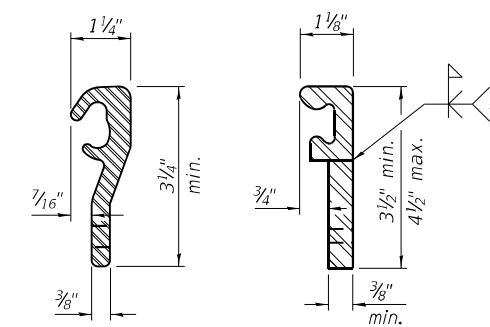


SHOWING WELDED RAIL JOINT

SECTION A-A

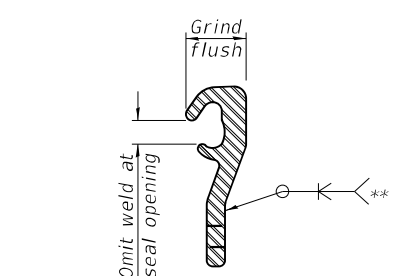
* Granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded.

*** Prior to grinding



LOCKING EDGE RAILS

** Back gouge not required if complete joint penetration is verified by mock-up.



LOCKING EDGE RAIL SPLICE

The inside of the locking edge rail groove shall be free of weld residue. Rolled rail shown, welded rail similar.

BILL OF MATERIAL

Item	Unit	Total
Preformed Joint Strip Seal	Foot	150

Notes:
 The strip seal shall be made continuous and shall have a minimum thickness of 1/4". The configuration of the strip seal shall match the configuration of the locking edge rails. Open or "webbed" strip seal gland configurations are not permitted. The gland shall be sized for a maximum rated movement of 4 inches.
 The locking edge rails depicted are configured for typical applications and are conceptual only. The actual configuration of the locking edge rails and matching strip seal may vary from manufacturer to manufacturer provided they fit the application and meet the minimum anchorage shown. Flanged edge rails, however, will not be allowed. Locking edge rails may exceed the 4 1/2" maximum depth provided the anchorage system is revised according to the manufacturer's recommendation.
 The manufacturer's recommended installation methods shall be followed.
 All steel components shall be galvanized after fabrication according to Article 520.03 of the Standard Specifications.
 The maximum space between locking edge rail segments shall be 3/16" and sealed with a suitable sealant; however, any rail joint within 10' measured perpendicular to the face of the curb or parapet shall be welded as shown in the locking edge rail splice detail.
 Cost of embedded plates and anchorage studs included with Preformed Joint Strip Seal.
 The concrete opening below the strip seal will vary based on the locking edge rail chosen by the Contractor. Pavement and curb lengths shown elsewhere in the plans are dimensioned to the concrete opening, not the joint opening, and are based on the rolled locking edge rail. If the Contractor elects to use a different locking edge rail, dimensional adjustments may be required. One exception to this would be the strip seal joint at the end of the precast bridge approach slab. For these cases the pavement connector length shall be adjusted, not the length of the bridge approach slab.

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 PLOT SCALE
 PLOT DATE = 7/14/2022

DESIGNED - ELH 12/21
 CHECKED - PRH 03/22
 DRAWN - NHC 05/22
 CHECKED - ELH 05/22

REVISED -
 REVISED -
 REVISED -
 REVISED -

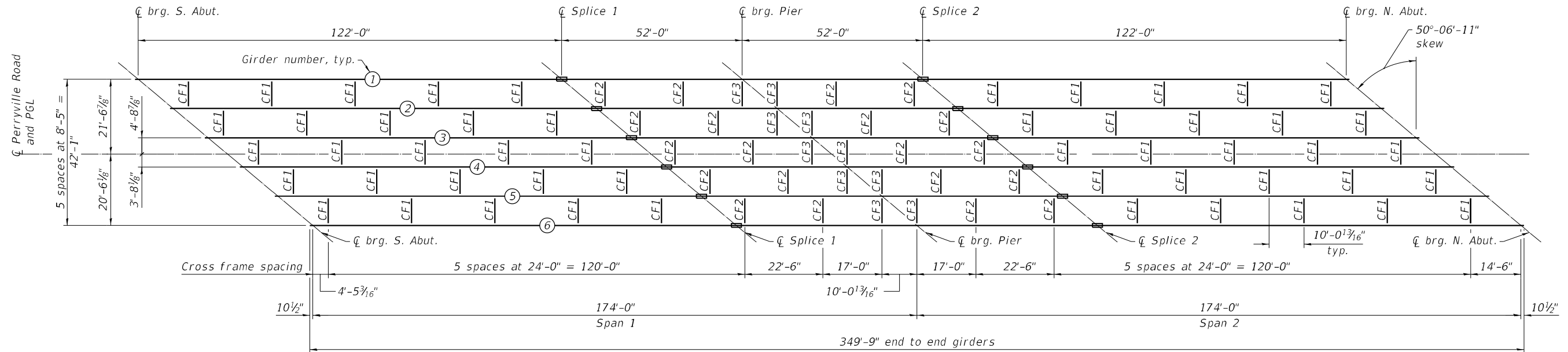
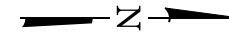
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PREFORMED JOINT STRIP SEAL
 STRUCTURE NO. 101-0206

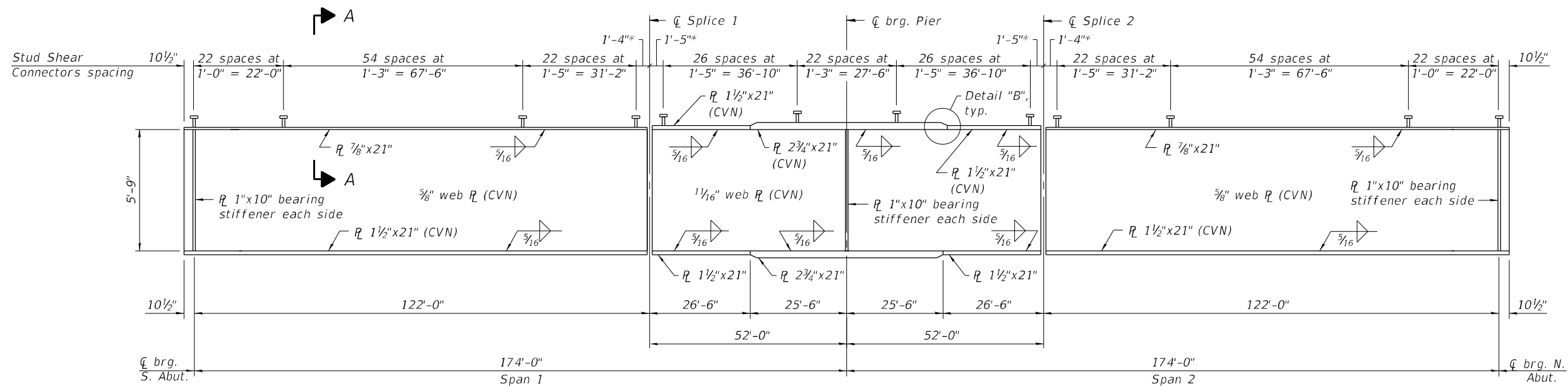
SHEET 21 OF 41 SHEETS

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	102
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

Notes:
 See Sheets 23 to 26 of 41 for additional steel details.
 All cross frames between girders shall be installed with erection pins and bolts in accordance with the erection plan approved by the Engineer. Individual cross frames at supports may be temporarily disconnected to install bearing anchor rods.
 Load carrying components designated (CVN) denotes Charpy-V-Notch Impact Energy Requirements, Zone 2.
 All flange, web, bearing stiffener, and cross frame connecting plates shall be AASHTO M270 Grade 50.



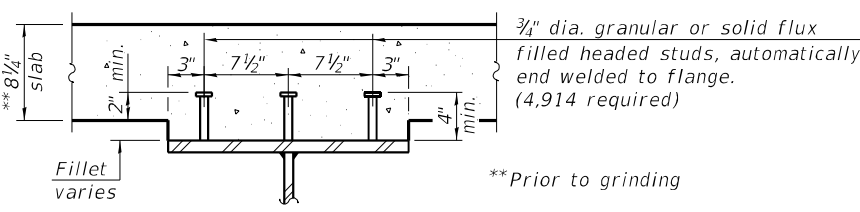
STEEL FRAMING PLAN



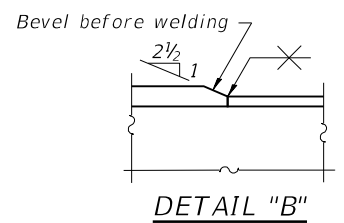
GIRDER ELEVATION

TOP OF WEB ELEVATIONS

(For fabrication only)



SECTION A-A



DETAIL "B"

* Omit Stud Shear Connectors over splice.

Girder	☐ brg. S. Abut.	☐ Splice 1	☐ brg. Pier	☐ Splice 2	☐ brg. N. Abut.
1	808.20	810.16	810.20	810.41	809.03
2	808.59	810.40	810.39	810.54	809.01
3	808.92	810.60	810.53	810.62	808.95
4	809.14	810.68	810.54	810.56	808.75
5	809.20	810.59	810.39	810.36	808.40
6	809.22	810.45	810.19	810.10	807.99

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USER NAME = kah	DESIGNED - ELH 03/22	REVISED -
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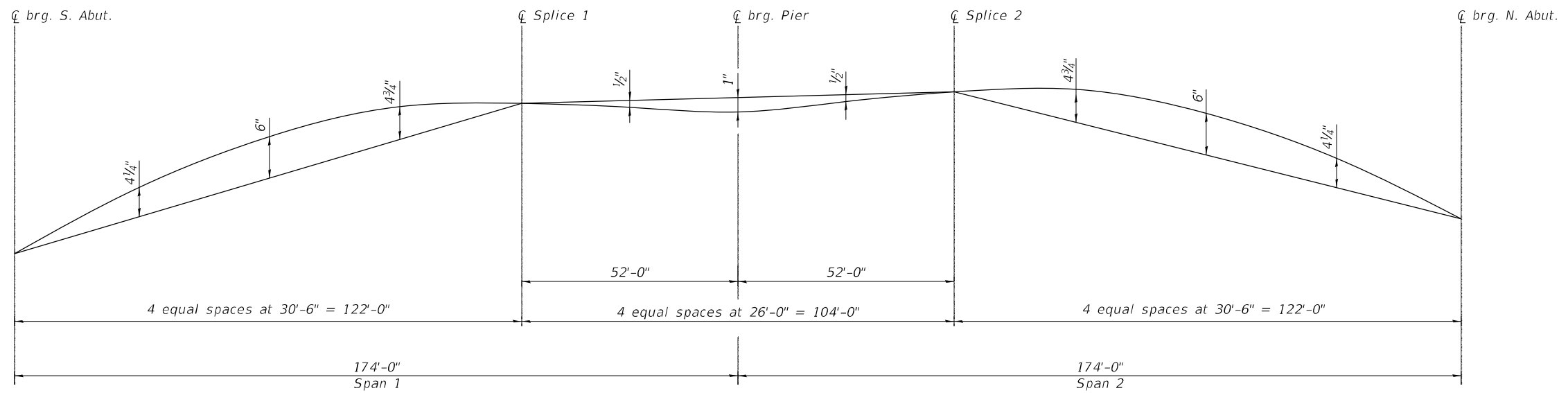
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STEEL FRAMING PLAN AND DETAILS
STRUCTURE NO. 101-0206

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	103
CONTRACT NO. 64G68				

SHEET 22 OF 41 SHEETS

ILLINOIS FED. AID PROJECT



CAMBER DIAGRAM - GIRDERS 1 THROUGH 6

Note: Plate girder camber dimensions take deck pouring sequence shown on Sheet 13 of 41 into account.

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PLOT SCALE	DRAWN - NHC	03/22	REVISED -
PLOT DATE = 7/14/2022	CHECKED - ELH	03/22	REVISED -

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CAMBER DIAGRAM
STRUCTURE NO. 101-0206

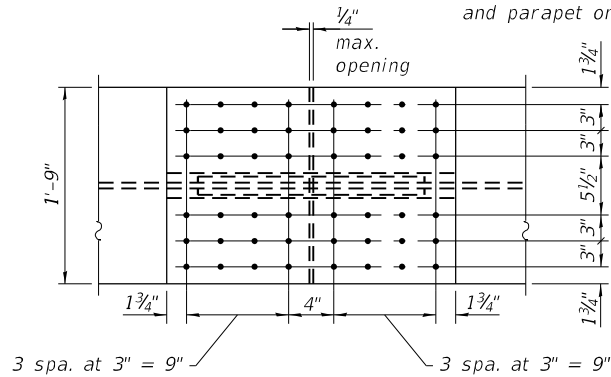
SHEET 23 OF 41 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HR-3	WINNEBAGO	158	104
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

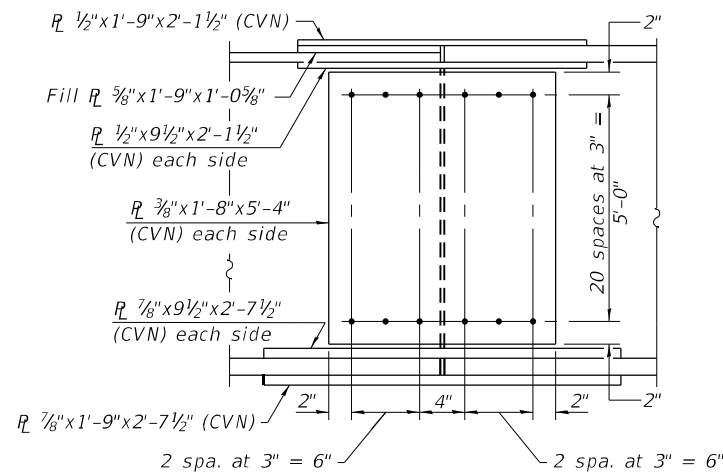
GIRDER REACTION TABLE				
	Abutments		Pier	
	Interior	Exterior	Interior	Exterior
LLDF	0.8436	0.7422	0.8436	0.7422
OCF	-	1.2320	-	-
RDC1 (k)	125.0	117.1	307.9	298.3
RDC2 (k)	34.5	34.5	39.0	39.0
RDW (k)	29.9	29.9	84.8	84.8
R _L (k)	108.1	117.2	212.2	186.7
R _{IM} (k)	19.5	21.1	34.5	30.4
R _{Total} (k)	317.0	319.8	678.4	639.2

RDC1 at abutments includes weight of approach slab and parapet on approach slab

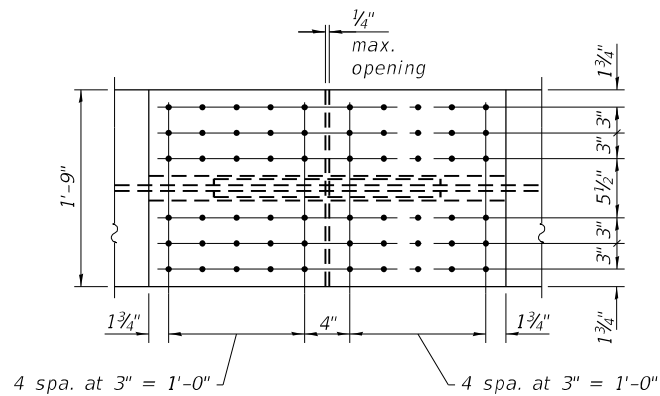
INTERIOR GIRDER MOMENT TABLE		
	0.4 Sp. 1 or 0.6 Sp. 2	Pier
Is	(in ⁴) 76,328	167,544
Ic(n)	(in ⁴) 176,762	280,526
Ic(3n)	(in ⁴) 128,760	219,079
Ic(cr)	(in ⁴) -	181,980
Ss	(in ³) 2,465	4,498
Sc(n)	(in ³) 3,206	5,198
Sc(3n)	(in ³) 2,953	4,881
Sc(cr)	(in ³) -	4,618
DC1	(k/ft) 1.279	1.517
MDC1	(k) 2,226	6,157
DC2	(k/ft) 0.175	0.175
MDC2	(k) 343	743
DW	(k/ft) 0.381	0.381
MDW	(k) 746	1,616
LLDF	0.6180	0.6180
M _L + I _M	(k) 2,992	3,522
f _i (Strength I)	(ksi) 10.00	10.00
M _u + 1/2 f _i S _{xc}	(k) 10,393	-
Øf M _n	(k) 16,092	-
f _s DC1	(ksi) 10.84	16.43
f _s DC2	(ksi) 1.39	1.93
f _s DW	(ksi) 3.03	4.20
f _s (L + I _M)	(ksi) 11.20	9.15
f _i (Service II)	(ksi) 10.00	10.00
f _s + 1/2 f _i (Service II)	(ksi) 34.82	39.46
0.95R _h F _{yf}	(ksi) 47.50	47.50
f _s + 1/3 (Total)(Strength I)	(ksi) -	48.60
Øf F _n	(ksi) -	50.00
V _f	(k) 46.8	36.6



TOP FLANGE PLAN



ELEVATION



BOTTOM FLANGE PLAN

FIELD SPLICE DETAIL

(12 Required)
(CVN) denotes Charpy-V-Notch Impact Energy Requirements, Zone 2

- Is, Ss: Non-composite moment of inertia and section modulus of the steel section used for computing fs(Total-Strength I, and Service II) due to non-composite dead loads (in.⁴ and in.³).
- Ic(n), Sc(n): Composite moment of inertia and section modulus of the steel and deck based upon the modular ratio, "n", used for computing fs(Total-Strength I, and Service II) in uncracked sections due to short-term composite live loads (in.⁴ and in.³).
- Ic(3n), Sc(3n): Composite moment of inertia and section modulus of the steel and deck based upon 3 times the modular ratio, "3n", used for computing fs(Total-Strength I, and Service II) in uncracked sections, due to long-term composite (superimposed) dead loads (in.⁴ and in.³).
- Ic(cr), Sc(cr): Composite moment of inertia and section modulus of the steel and longitudinal deck reinforcement, used for computing fs (Total-Strength I, and Service II) in cracked sections, due to both short-term composite live loads and long-term composite (superimposed) dead loads (in.⁴ and in.³).
- DC1: Un-factored non-composite dead load (kips/ft.).
- MDC1: Un-factored moment due to non-composite dead load (kip-ft.).
- DC2: Un-factored long-term composite (superimposed excluding future wearing surface) dead load (kips/ft.).
- MDC2: Un-factored moment due to long-term composite (superimposed excluding future wearing surface) dead load (kip-ft.).
- DW: Un-factored long-term composite (superimposed future wearing surface only) dead load (kips/ft.).
- MDW: Un-factored moment due to long-term composite (superimposed future wearing surface only) dead load (kip-ft.).
- M_L + I_M: Un-factored live load moment plus dynamic load allowance (impact) (kip-ft.).
- f_i (Strength I): Factored lateral flange stress (ksi).
- M_u + 1/2 f_i S_{xc}: Factored design moment (kip-ft.).
- 1.25 (MDC1 + MDC2) + 1.5 MDW + 1.75 M_L + I_M + 1/2 f_i (Strength I) S_{xc}
- Øf M_n: Compact composite positive moment capacity computed according to Article 6.10.7.1 or non-slender negative moment capacity according to Article A6.1.1 or A6.1.2 (kip-ft.).
- f_s DC1: Un-factored stress at edge of flange for controlling steel flange due to vertical non-composite dead loads as calculated below (ksi).
- MDC1 / S_s
- f_s DC2: Un-factored stress at edge of flange for controlling steel flange due to vertical composite dead loads as calculated below (ksi).
- MDC2 / Sc(3n) or MDC2 / Sc(cr) as applicable.
- f_s DW: Un-factored stress at edge of flange for controlling steel flange due to vertical composite future wearing surface loads as calculated below (ksi).
- MDW / Sc(3n) or MDW / Sc(cr) as applicable.
- f_s (L + I_M): Un-factored stress at edge of flange for controlling steel flange due to vertical composite live load plus impact loads as calculated below (ksi).
- M_L + I_M / Sc(n) or M_L + I_M / Sc(cr) as applicable.
- f_i (Service II): Factored lateral flange stress (ksi)
- f_s + 1/2 (Service II): Sum of stresses as computed below (ksi).
- f_s DC1 + f_s DC2 + f_s DW + 1.3 f_s (L + I_M) + 1/2 f_i (Service II)
- 0.95R_hF_{yf}: Composite stress capacity for Service II loading according to Article 6.10.4.2 (ksi).
- f_s + 1/3 (Total)(Strength I): Sum of stresses as computed below on non-compact section (ksi).
- 1.25 (f_s DC1 + f_s DC2) + 1.5 f_s DW + 1.75 f_s (L + I_M) + 1/2 f_i (Strength I).
- Øf F_n: Non-Compact composite positive or negative stress capacity for Strength I loading according to Article 6.10.7 or 6.10.8 (ksi).
- V_f: Maximum factored shear range in span computed according to Article 6.10.10.
- LLDF: Live Load Distribution Factor computed according to Table 4.6.2.2b-1, Table 4.6.2.2.3a-1, and Table 4.6.2.2.3b-1.
- OCF: Obtuse Correction Factor computed according to Table 4.6.2.2.3c-1.
- S_{xc}: Section modulus about the major axis of section to the controlling flange, tension or compression, taken as yield moment with respect to the controlling flange over the yield strength of the controlling flange (in.³).

(Sheet 1 of 3)

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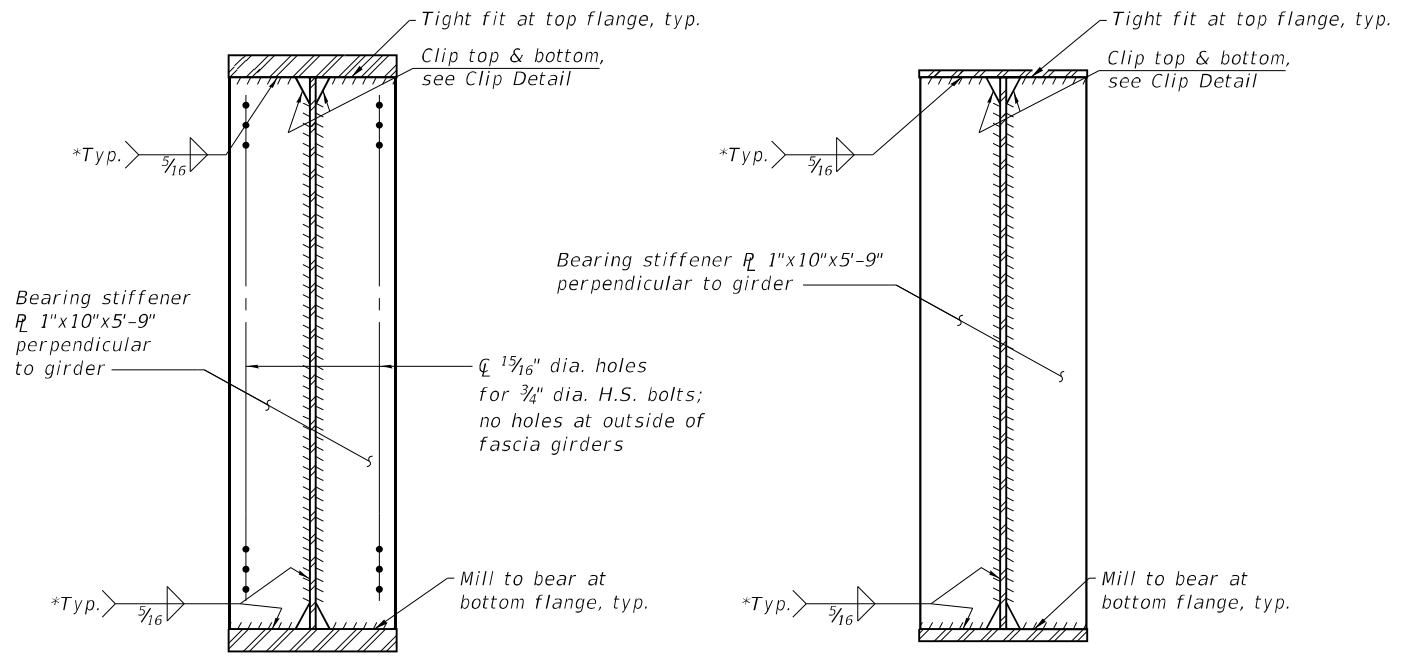
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STATE OF ILLINOIS
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STEEL FRAMING DETAILS
STRUCTURE NO. 101-0206

SHEET 24 OF 41 SHEETS

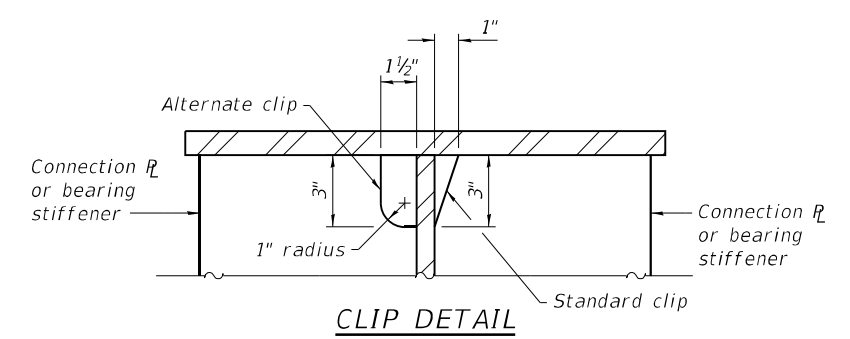
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CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				



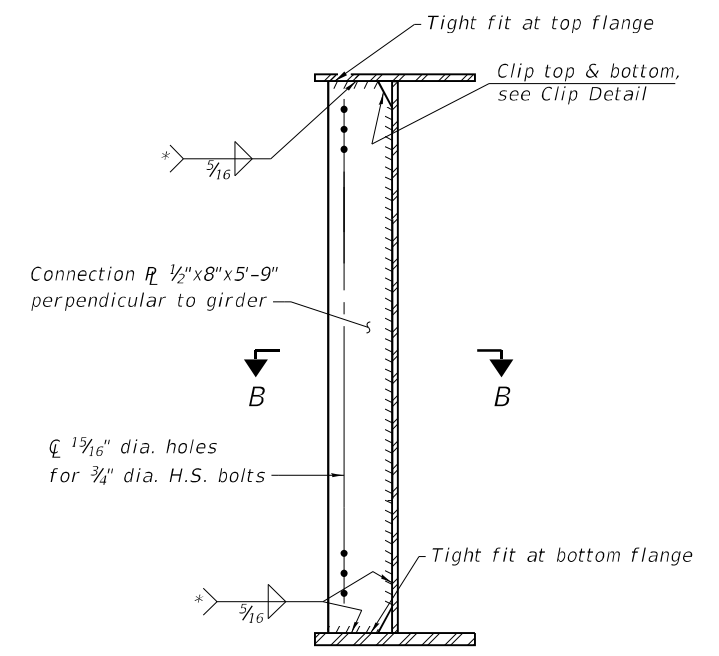
**BEARING STIFFENER DETAIL
AT PIER**
(6 Locations)

**BEARING STIFFENER DETAIL
AT ABUTMENTS**
(12 Locations)

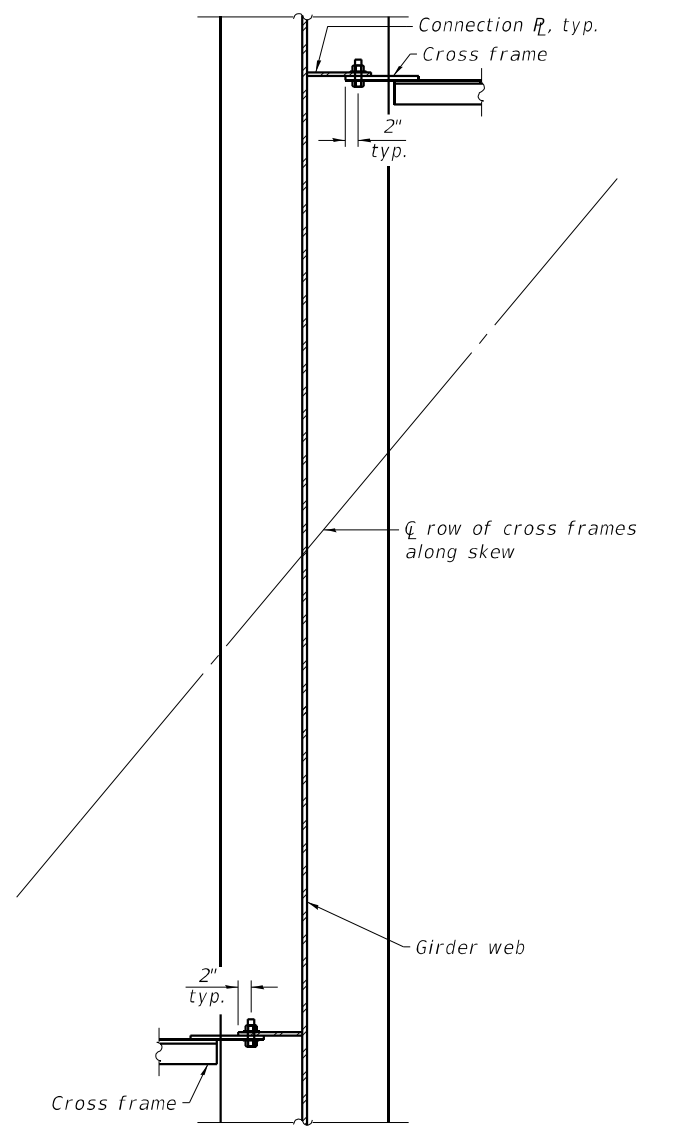
* Terminate weld 1/4" (±1/8") from end of plate intersects



CLIP DETAIL



CROSS FRAME CONNECTION PLATE DETAIL
(150 Locations)



SECTION B-B

(Sheet 2 of 3)

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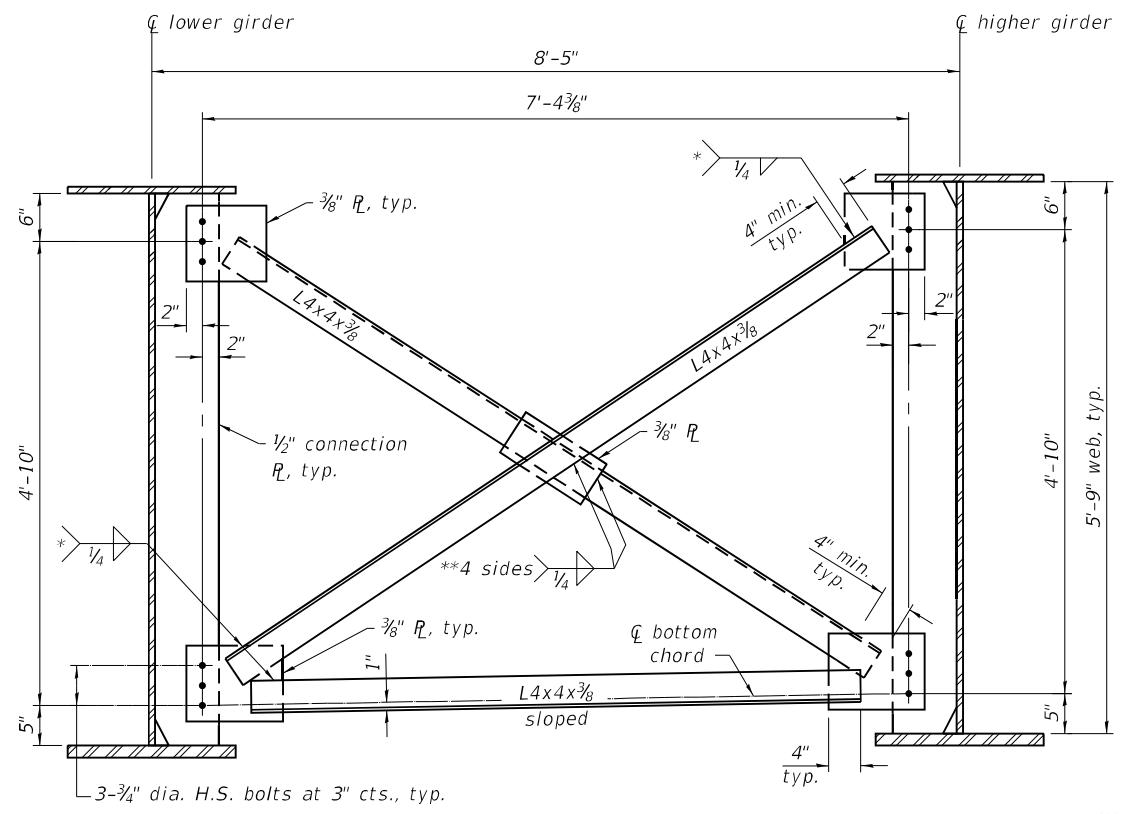
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PLOT SCALE	DRAWN - NHC 05/22	REVISED -
PLOT DATE = 7/14/2022	CHECKED - ELH 05/22	REVISED -

**STATE OF ILLINOIS
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**STEEL FRAMING DETAILS
STRUCTURE NO. 101-0206**

SHEET 25 OF 41 SHEETS

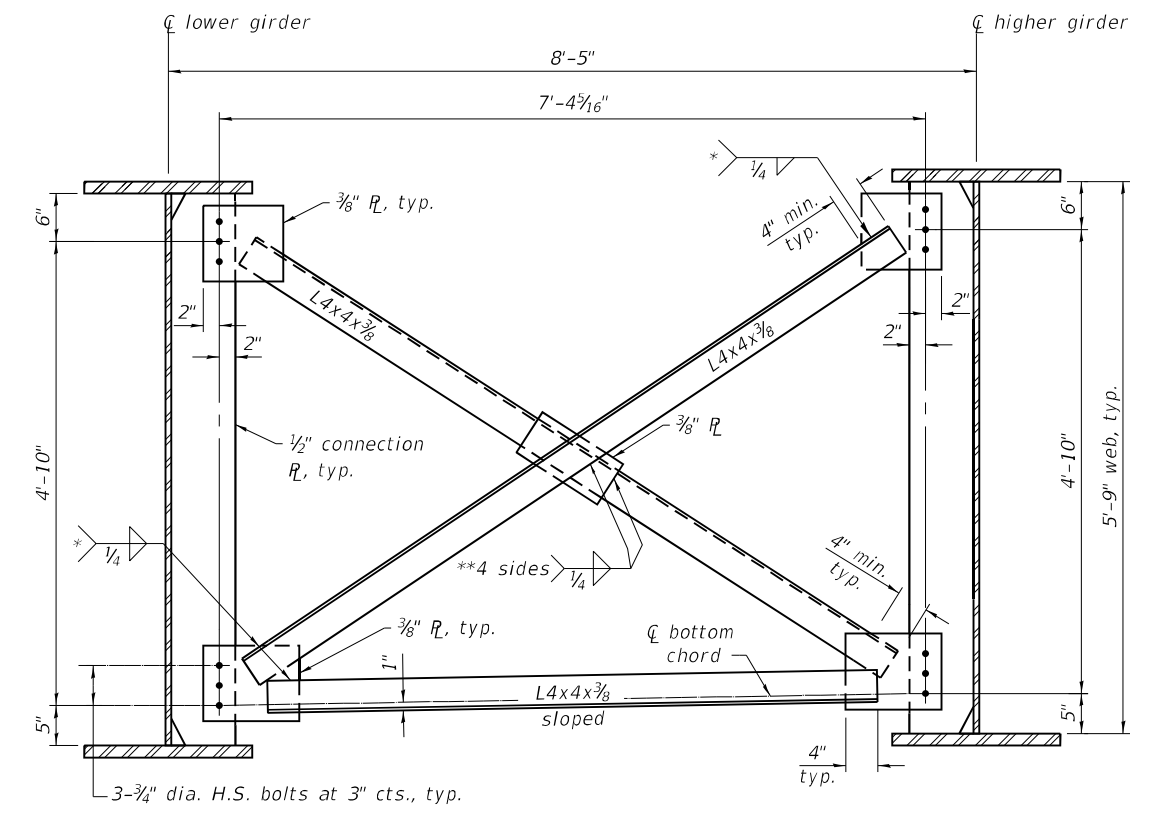
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CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				



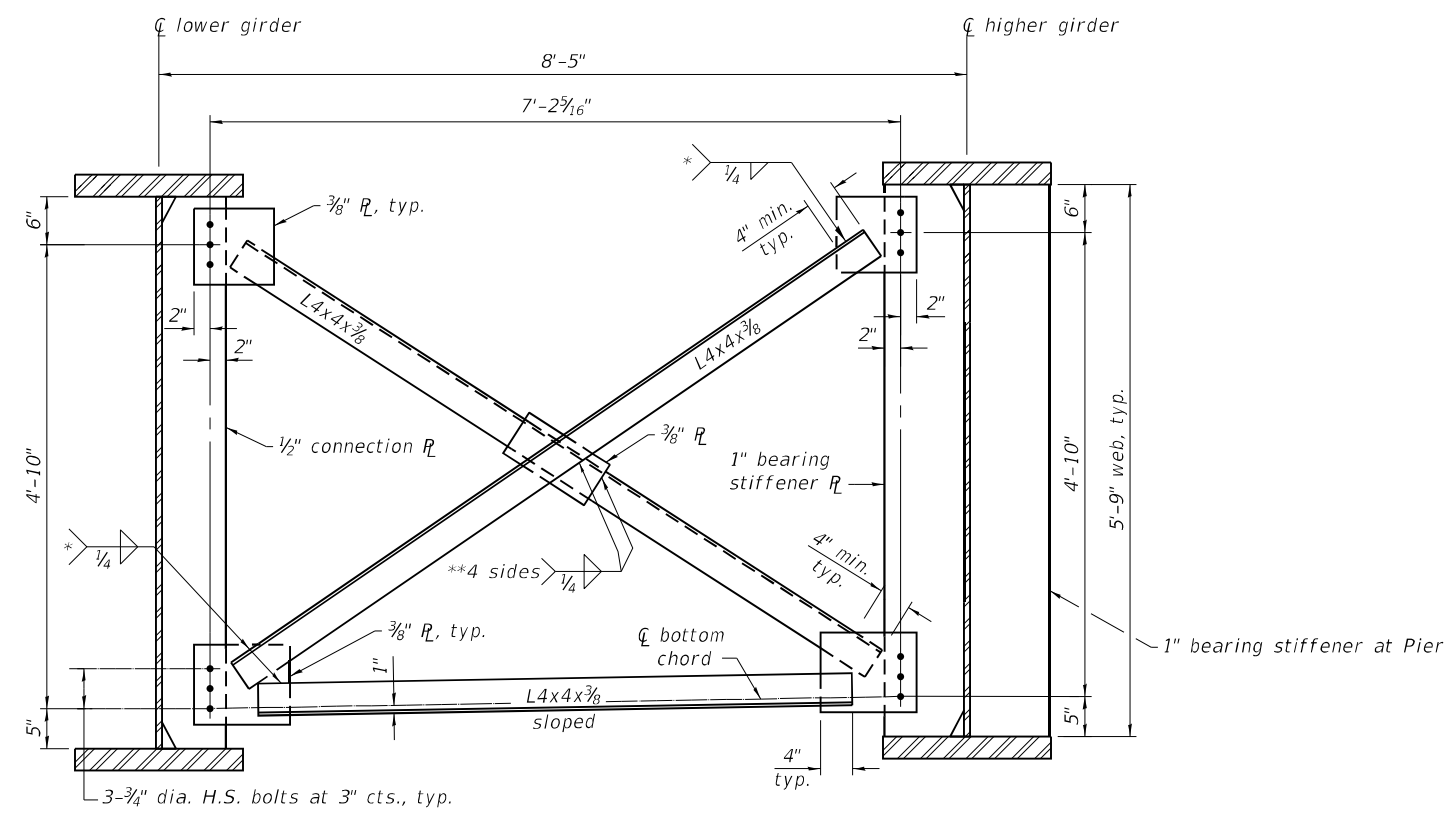
TYPICAL INTERIOR CROSS FRAME CF1
(50 Required)

Notes:
Detail 1 5/16" dia. holes for all 3/4" dia. ASTM A325 Type 1, hot dip galvanized bolts. Two hardened washers required for each set of oversized holes.

*Fillet weld angles along 3 sides on one face of gusset plate; however, if cross frames are galvanized, weld all-around.
**If cross frames are galvanized, weld all-round



TYPICAL INTERIOR CROSS FRAME CF2
(20 Required)



TYPICAL INTERIOR CROSS FRAME CF3
(10 Required)

(Sheet 3 of 3)

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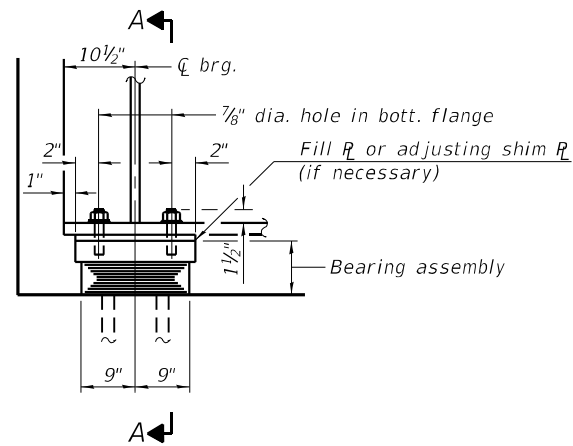
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

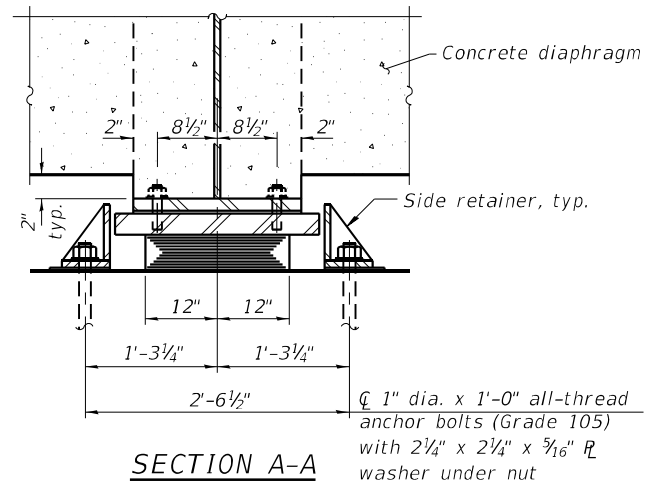
**STEEL FRAMING DETAILS
STRUCTURE NO. 101-0206**

SHEET 26 OF 41 SHEETS

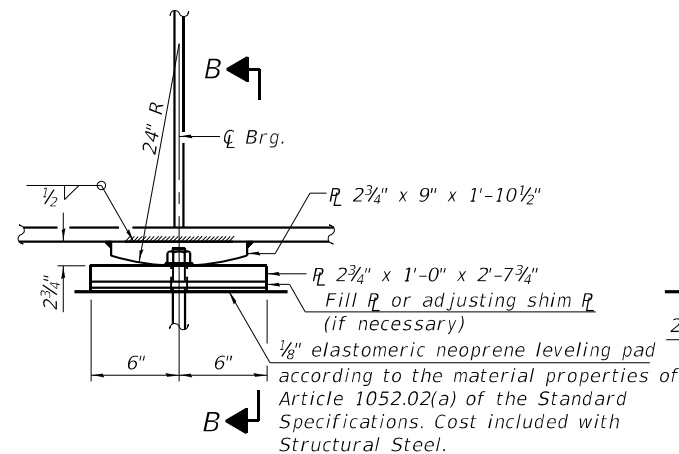
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CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				



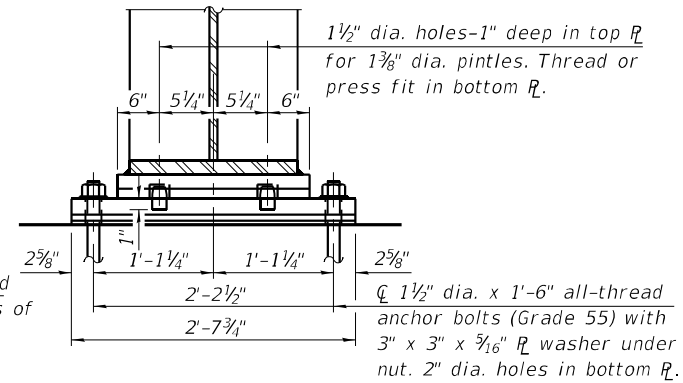
ELEVATION AT ABUT.



SECTION A-A



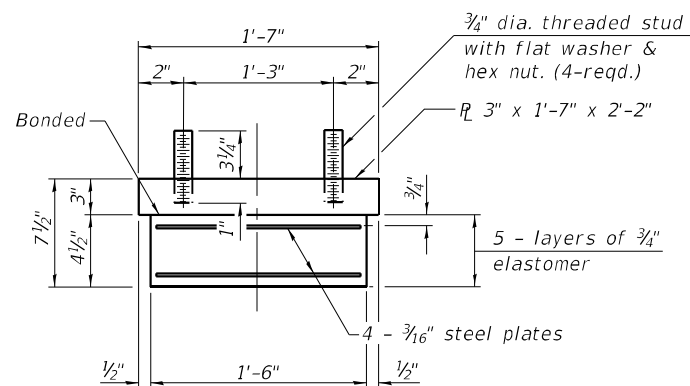
ELEVATION AT PIER



SECTION B-B

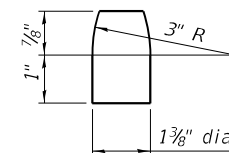
TYPE I ELASTOMERIC EXP. BRG.

FIXED BEARING



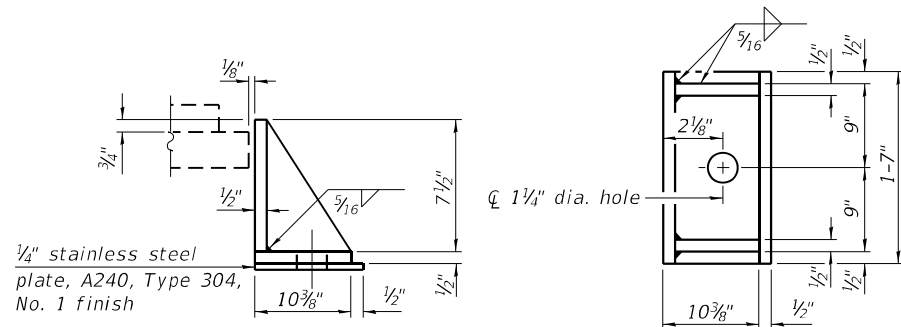
BEARING ASSEMBLY

Notes:
 Side retainers and stainless steel plates shall be included in the cost of Elastomeric Bearing Assembly, Type I.
 Anchor bolts and side retainers at all supports shall be installed as each member is erected unless an equivalent temporary means of lateral restraint is used.
 Two 1/8" adjusting shims shall be provided for each bearing in addition to all other plates or shims and placed as shown on bearing details.
 All bearing plates, fill plates, shim plates, side retainers, anchor bolts, nuts, washers, threaded studs, and pintles shall be galvanized according to AASHTO M111 or M232 as applicable.
 The bearing plates and pintles for the fixed bearing at the pier shall be AASHTO M270 Grade 50.



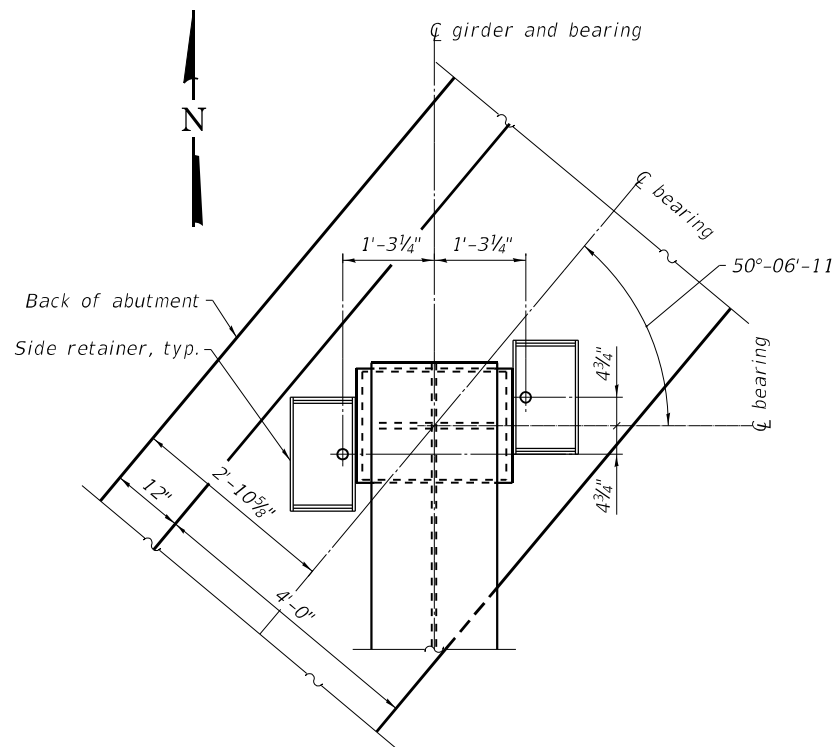
PINTLE

Note:
 Shim plates shall not be placed under bearing assembly.



SIDE RETAINER

Equivalent rolled angle with stiffeners will be allowed in lieu of welded plates.



ABUTMENT BEARING PLAN

(North Abutment shown; South Abutment rotated 180°)

BEARING FILL PLATES

Location	Thickness
North Abutment Girder 1	1/4"
South Abutment Girder 6	1/4"
Pier Girder 4	1/8"

BILL OF MATERIAL

Item	Unit	Total
Elastomeric Bearing Assembly, Type I	Each	12
Anchor Bolts, 1"	Each	24
Anchor Bolts, 1 1/2"	Each	12

MODEL: PLOT
 FILE NAME: Y:\IDOT\1140-22_64G68\CADD\SN101-0206\1010206-64G68-27-Bearing.dgn



USER NAME = kah
 ESCA PROJECT NO. 1140.22
 PLOT SCALE
 PLOT DATE = 7/14/2022

DESIGNED - ELH 03/22
 CHECKED - PRH 03/22
 DRAWN - NHC 05/22
 CHECKED - ELH 05/22

REVISED -
 REVISED -
 REVISED -
 REVISED -

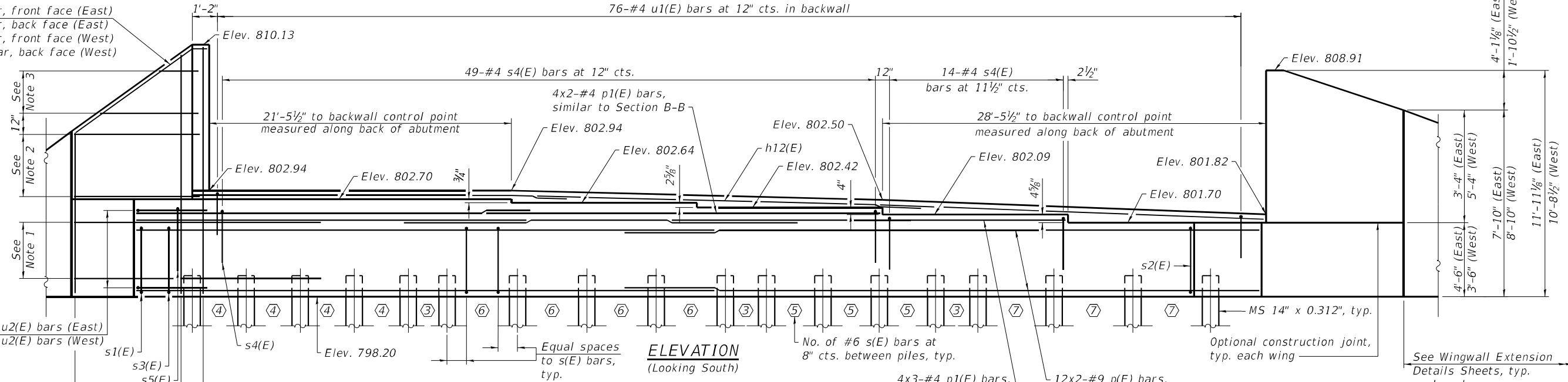
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

BEARING DETAILS
 STRUCTURE NO. 101-0206

SHEET 27 OF 41 SHEETS

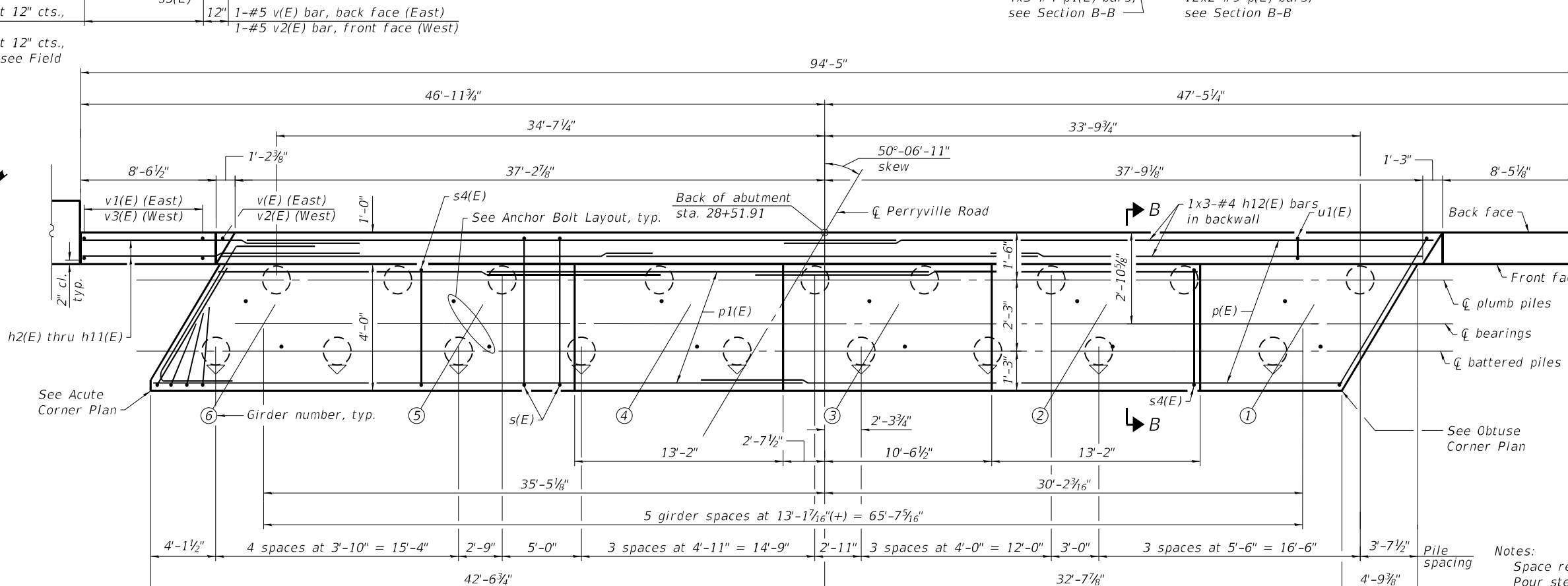
F.A.I. R.T.E. SECTION COUNTY TOTAL SHEETS SHEET NO.
 39 4HR-3 WINNEBAGO 158 108
 CONTRACT NO. 64G68
 ILLINOIS FED. AID PROJECT

1-#5 h7(E) bar, front face (East)
 1-#5 h8(E) bar, back face (East)
 1-#5 h9(E) bar, front face (West)
 1-#5 h10(E) bar, back face (West)



5-#6 u2(E) bars (East)
 4-#6 u2(E) bars (West)

9-#5 v1(E) bars at 12\"/>



PLAN

MINIMUM BAR LAP

#4 bar = 2'-11"
 #9 bar = 6'-5"

PILE DATA

Type: MS 14" x 0.312" with pile shoes
 Nominal Required Bearing: 570 kips
 Factored Resistance Available: 313 kips
 Est. Length: 26 feet
 No. Production Piles: 17
 No. Test Piles: 1

Notes:
 Space reinforcement in cap to miss anchor bolts. Pour steps monolithically with cap.
 For details of piles, see Sheet 36 of 41.
 For additional details, see Sheet 29 of 41.
 Bars indicated thus 5x3-#5 etc. indicates 5 lines of bars with 3 lengths per line.
 The backwall shall have a constant slope between the control points shown.
 The s(E), s4(E), and u1(E) bars shall be placed at right angles to the abutment unless notes otherwise.
 Proposed piles at the South Abutment shall be located to clear existing piles. The Contractor may move the location of the proposed South Abutment piles up to one foot parallel to the centerline bearings of abutment to miss the existing piles.

Note 1:
 8-#8 h11(E) bars at 6 1/2" cts., each face (East)
 8-#8 h11(E) bars at 4 1/2" cts., each face (West)

Note 2:
 4-#5 h2(E) bars at 12" cts., front face (East)
 4-#5 h3(E) bars at 12" cts., back face (East)
 6-#5 h3(E) bars at 12" cts., front face (West)
 6-#5 h2(E) bars at 12" cts., back face (West)

Note 3:
 3-#5 h4(E) bars at 12" cts., each face (East), see Field Cutting Diagram
 1-#5 h5(E) bar, front face (West)
 1-#5 h6(E) bar, back face (West)

(Sheet 1 of 2)

MODEL: PLOT FILE NAME: Y:\IDOT\1140-22_64G68\CADD\SN101-0206\1010206-64G68-28-5Abut.dgn



USER NAME = kah	DESIGNED - ELH 05/22	REVISD -
ESCA PROJECT NO. 1140.22	CHECKED - SHL 05/22	REVISD -
PLOT SCALE	DRAWN - NHC 07/22	REVISD -
PLOT DATE = 7/14/2022	CHECKED - ELH 07/22	REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SOUTH ABUTMENT
 STRUCTURE NO. 101-0206**

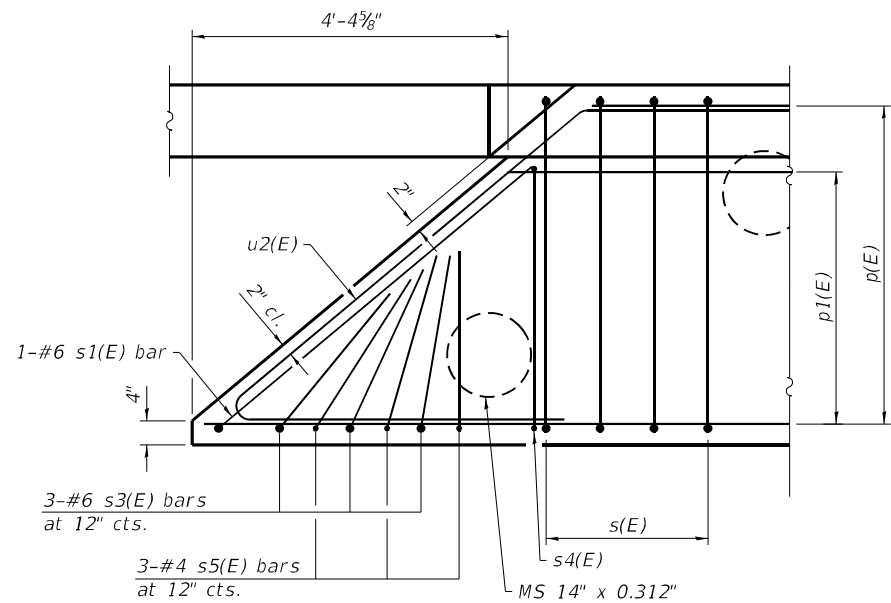
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	109
CONTRACT NO. 64G68				

SHEET 28 OF 41 SHEETS

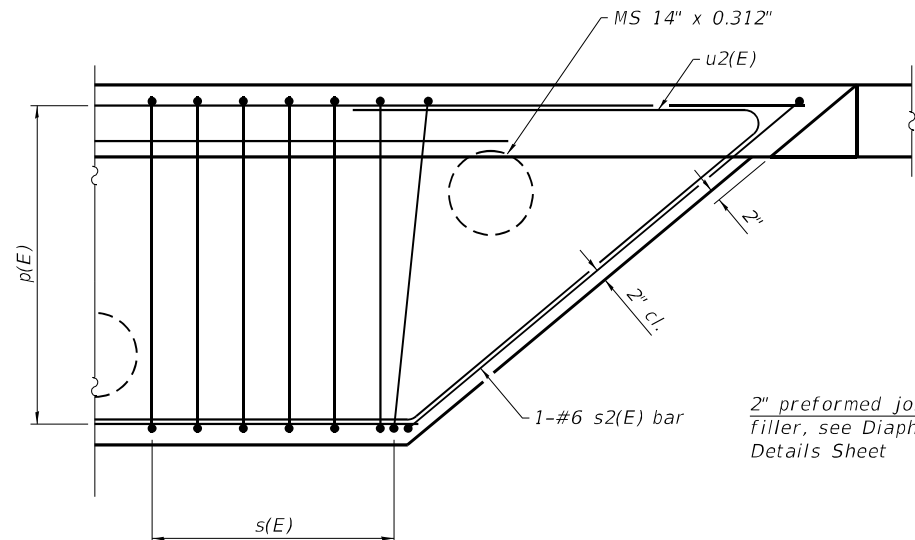
ILLINOIS FED. AID PROJECT

BILL OF MATERIAL

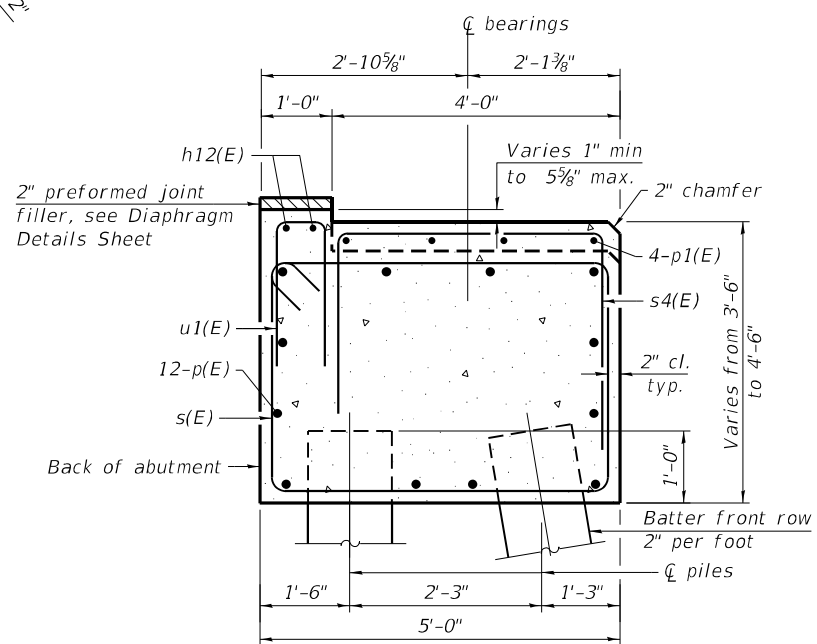
Bar	No.	Size	Length	Shape
h2(E)	10	#5	8'-3"	—
h3(E)	10	#5	8'-11"	—
h4(E)	3	#5	9'-2"	—
h5(E)	1	#5	4'-7"	—
h6(E)	1	#5	3'-11"	—
h7(E)	1	#5	9'-3"	—
h8(E)	1	#5	9'-10"	—
h9(E)	1	#5	9'-1"	—
h10(E)	1	#5	8'-6"	—
h11(E)	32	#8	17'-6"	—
h12(E)	6	#4	27'-3"	—
p(E)	24	#9	41'-0"	—
p1(E)	20	#4	27'-11"	—
s(E)	85	#6	17'-0"	□
s1(E)	1	#6	14'-8"	□
s2(E)	1	#6	22'-2"	□
s3(E)	3	#6	8'-2"	□
s4(E)	63	#4	8'-8"	□
s5(E)	3	#4	5'-6"	□
u1(E)	76	#4	4'-8"	U
u2(E)	9	#6	17'-1"	U
v(E)	1	#5	11'-7"	—
v1(E)	9	#5	19'-0"	—
v2(E)	1	#5	10'-4"	—
v3(E)	9	#5	18'-9"	—
Structure Excavation	Cu. Yd.	340		
Concrete Structures	Cu. Yd.	65.2		
Reinforcement Bars, Epoxy Coated	Pound	9,070		
Furnishing Metal Shell Piles 14" x 0.312"	Foot	442		
Driving Piles	Foot	442		
Test Pile Metal Shells	Each	1		
Pile Shoes	Each	18		



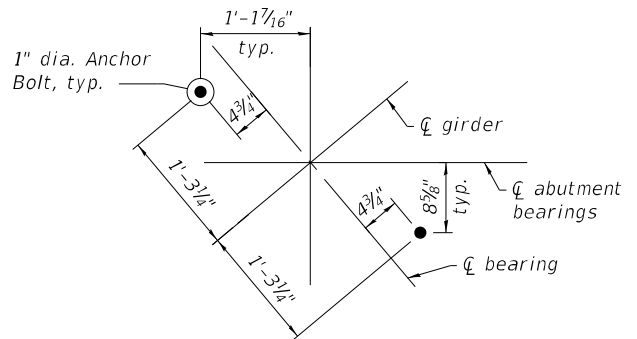
ACUTE CORNER PLAN
(Showing bars in abutment cap)



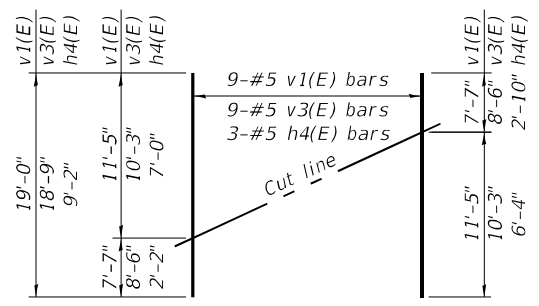
OBTUSE CORNER PLAN
(Showing bars in abutment cap)



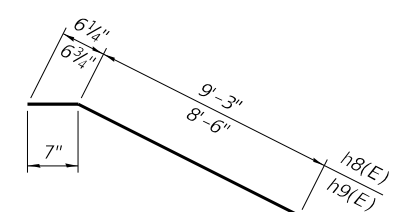
SECTION B-B
(Dimensions at right angles to abutment)



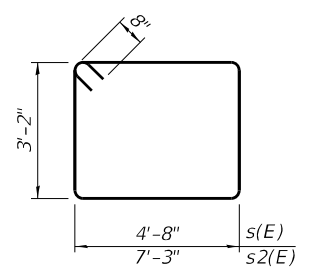
ANCHOR BOLT LAYOUT



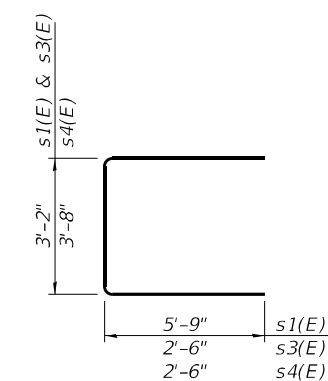
FIELD CUTTING DIAGRAM
Order bars full length. Cut as shown and use remainder of bars in opposite face.



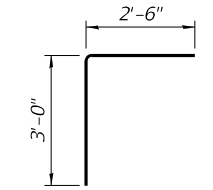
BARS h8(E) & h9(E)



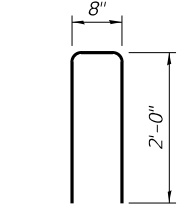
BARS s(E) & s2(E)



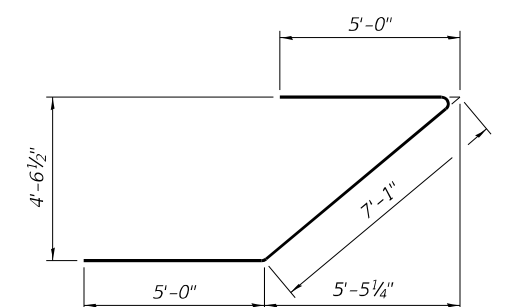
BARS s1(E), s3(E), & s4(E)



BAR s5(E)



BAR u1(E)



BAR u2(E)

(Sheet 2 of 2)

MODEL: PLOT
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USER NAME = kah
ESCA PROJECT NO. 1140.22
PLOT SCALE
PLOT DATE = 7/14/2022

DESIGNED - ELH 05/22
CHECKED - SHL 05/22
DRAWN - NHC 07/22
CHECKED - ELH 07/22

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

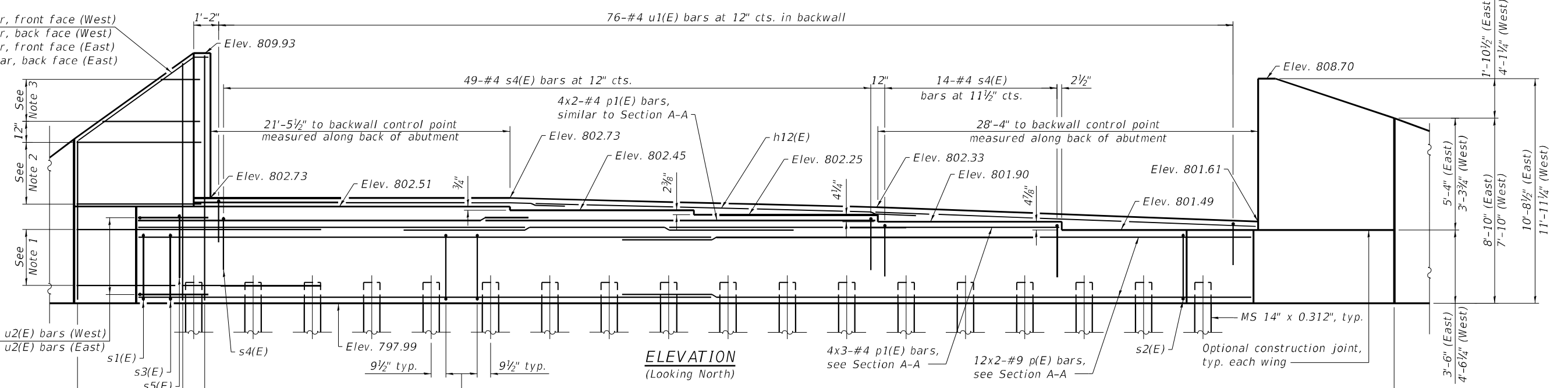
**SOUTH ABUTMENT
STRUCTURE NO. 101-0206**

SHEET 29 OF 41 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	110

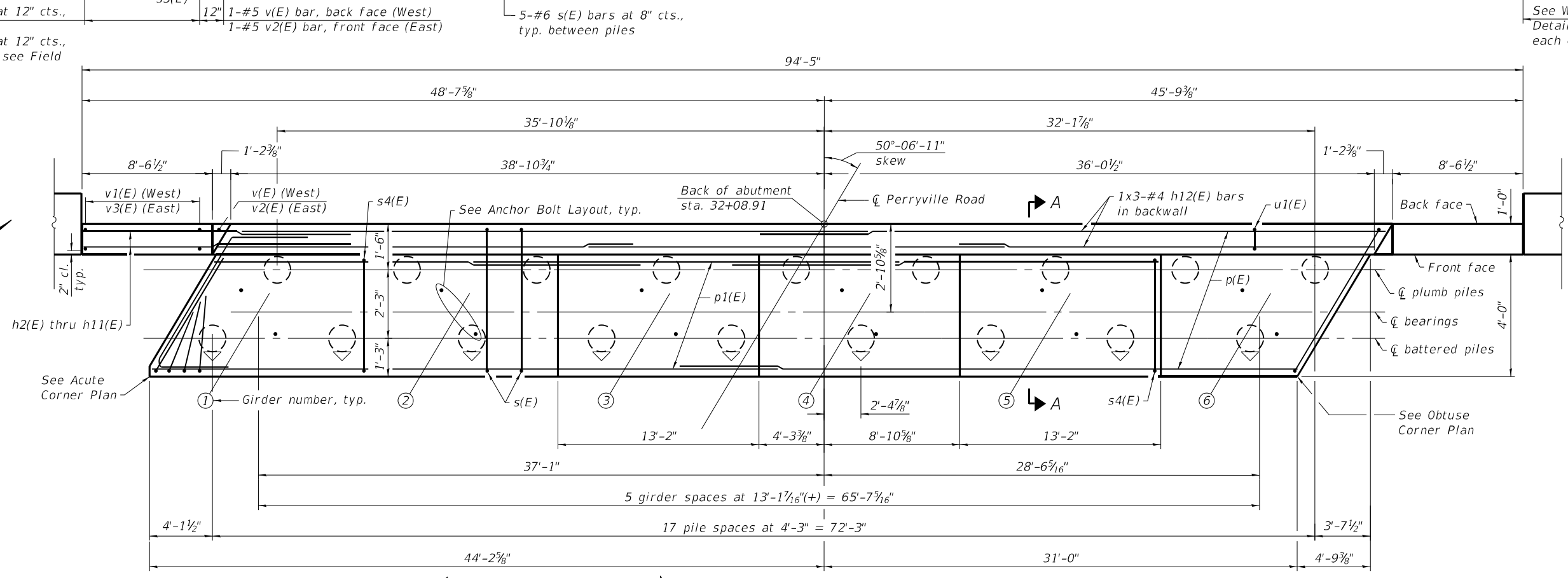
CONTRACT NO. 64G68
ILLINOIS FED. AID PROJECT

1-#5 h7(E) bar, front face (West)
 1-#5 h8(E) bar, back face (West)
 1-#5 h9(E) bar, front face (East)
 1-#5 h10(E) bar, back face (East)



ELEVATION
(Looking North)

9-#5 v1(E) bars at 12" cts., each face (West)
 9-#5 v3(E) bars at 12" cts., each face (East); see Field Cutting Diagram



PLAN

MINIMUM BAR LAP

#4 bar = 2'-11"
 #9 bar = 6'-5"

PILE DATA

Type: MS 14" x 0.312" with pile shoes
 Nominal Required Bearing: 570 kips
 Factored Resistance Available: 313 kips
 Est. Length: 21 feet
 No. Production Piles: 17
 No. Test Piles: 1

Notes:
 Space reinforcement in cap to miss anchor bolts.
 Pour steps monolithically with cap.
 For details of piles, see Sheet 36 of 41.
 For additional details, see Sheet 31 of 41.
 Bars indicated thus 5x3-#5 etc. indicates 5 lines of bars with 3 lengths per line.
 The backwall shall have a constant slope between the control points shown.
 The s(E), s4(E), and u1(E) bars shall be placed at right angles to the abutment unless notes otherwise.

Note 1:
 8-#8 h11(E) bars at 6 1/2" cts., each face (West)
 8-#8 h11(E) bars at 4 1/2" cts., each face (East)

Note 2:
 4-#5 h2(E) bars at 12" cts., front face (West)
 4-#5 h3(E) bars at 12" cts., back face (West)
 6-#5 h3(E) bars at 12" cts., front face (East)
 6-#5 h2(E) bars at 12" cts., back face (East)

Note 3:
 3-#5 h4(E) bars at 12" cts., each face (West), see Field Cutting Diagram
 1-#5 h5(E) bar, front face (East)
 1-#5 h6(E) bar, back face (East)

(Sheet 1 of 2)

MODEL: PLOT FILE NAME: Y:\IDOT\1140-22_64G68\CADD\SN101-0206\1010206-64G68-30-NABUL.dgn



USER NAME = kah	DESIGNED - ELH 05/22	REVISED -
ESCA PROJECT NO. 1140.22	CHECKED - SHL 05/22	REVISED -
PLOT SCALE	DRAWN - NHC 07/22	REVISED -
PLOT DATE = 7/14/2022	CHECKED - ELH 07/22	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

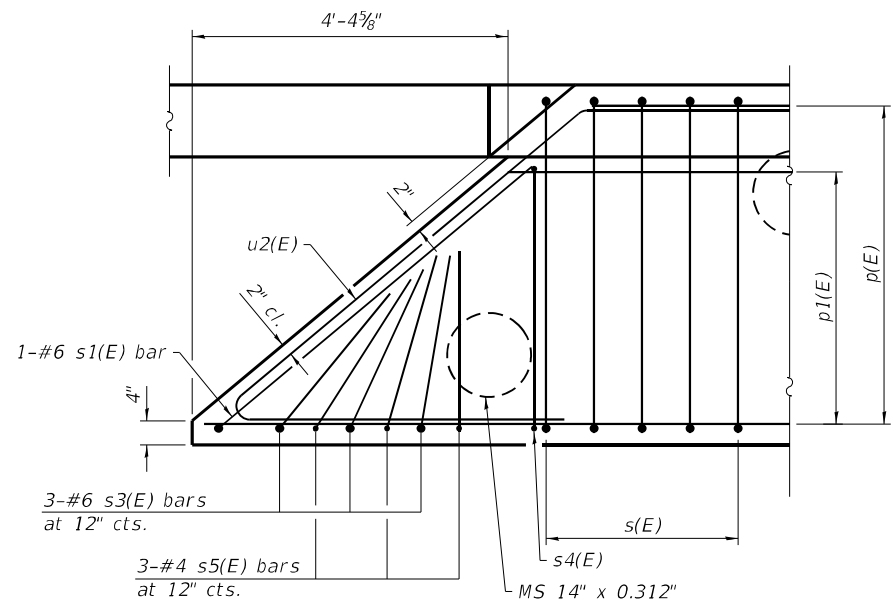
NORTH ABUTMENT
STRUCTURE NO. 101-0206

SHEET 30 OF 41 SHEETS

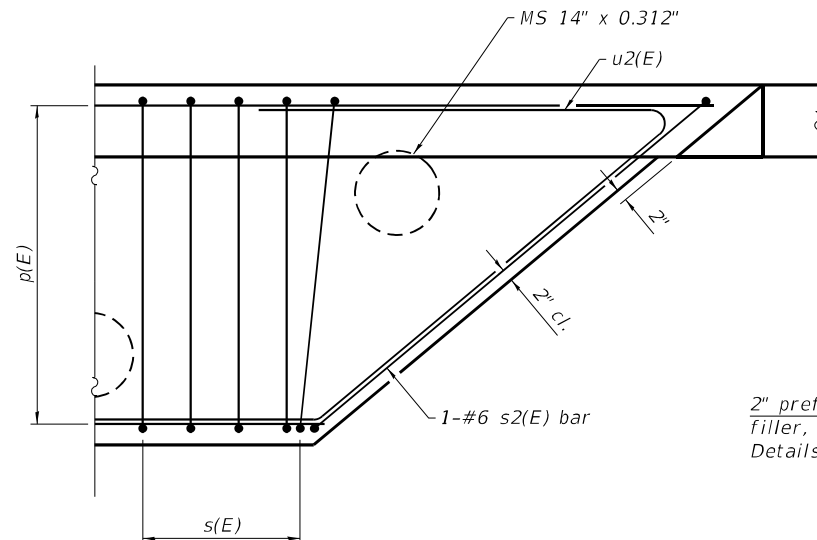
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	111
			CONTRACT NO. 64G68	
ILLINOIS FED. AID PROJECT				

BILL OF MATERIAL

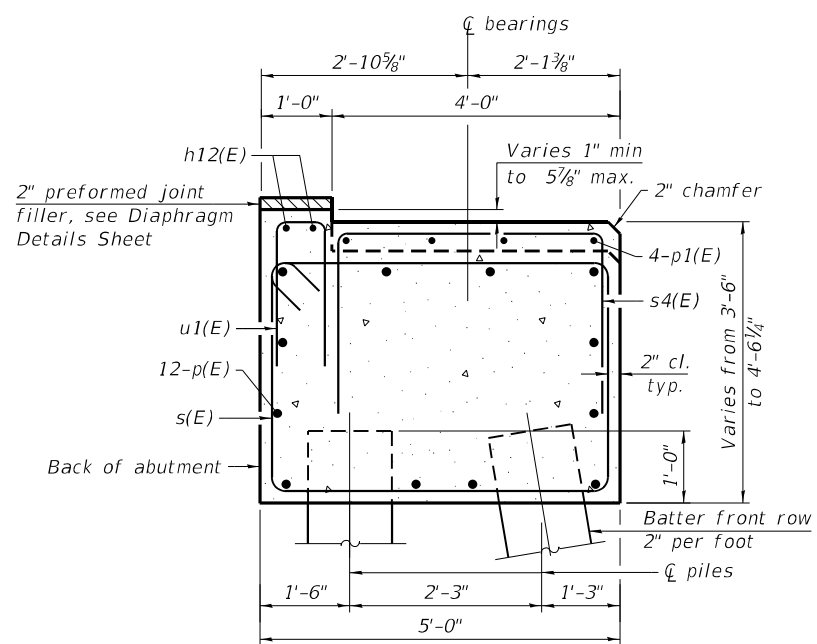
Bar	No.	Size	Length	Shape
h2(E)	10	#5	8'-3"	
h3(E)	10	#5	8'-11"	
h4(E)	3	#5	9'-2"	
h5(E)	1	#5	4'-7"	
h6(E)	1	#5	3'-11"	
h7(E)	1	#5	9'-3"	
h8(E)	1	#5	9'-10"	
h9(E)	1	#5	9'-1"	
h10(E)	1	#5	8'-6"	
h11(E)	32	#8	17'-6"	
h12(E)	6	#4	27'-3"	
p(E)	24	#9	41'-0"	
p1(E)	20	#4	27'-11"	
s(E)	85	#6	17'-0"	
s1(E)	1	#6	14'-8"	
s2(E)	1	#6	22'-2"	
s3(E)	3	#6	8'-2"	
s4(E)	63	#4	8'-8"	
s5(E)	3	#4	5'-6"	
u1(E)	76	#4	4'-8"	
u2(E)	9	#6	17'-1"	
v(E)	1	#5	11'-7"	
v1(E)	9	#5	19'-0"	
v2(E)	1	#5	10'-4"	
v3(E)	9	#5	18'-9"	
Structure Excavation		Cu. Yd.	430	
Concrete Structures		Cu. Yd.	65.7	
Reinforcement Bars, Epoxy Coated		Pound	9,070	
Furnishing Metal Shell Piles 14" x 0.312"		Foot	357	
Driving Piles		Foot	357	
Test Pile Metal Shells		Each	1	
Pile Shoes		Each	18	



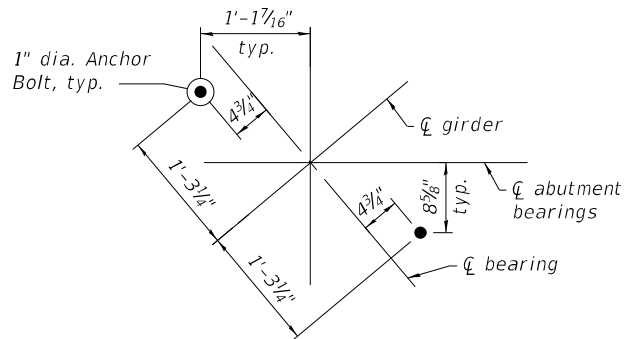
ACUTE CORNER PLAN
(Showing bars in abutment cap)



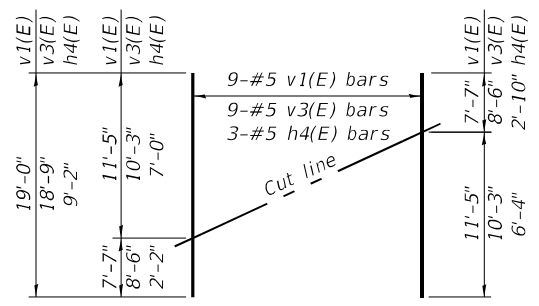
OBTUSE CORNER PLAN
(Showing bars in abutment cap)



SECTION A-A
(Dimensions at right angles to abutment)

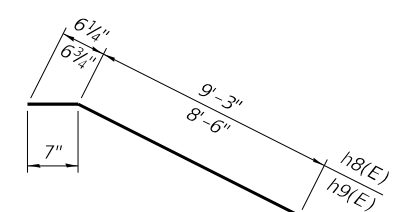


ANCHOR BOLT LAYOUT

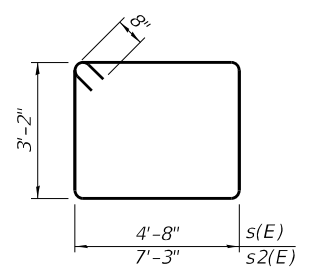


FIELD CUTTING DIAGRAM

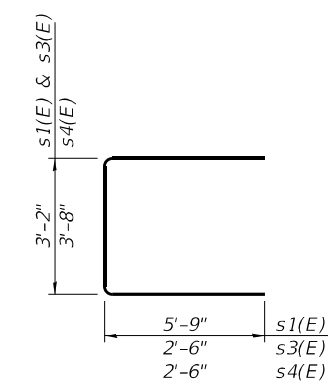
Order bars full length. Cut as shown and use remainder of bars in opposite face.



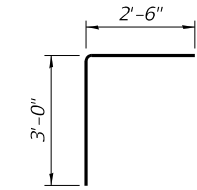
BARS h8(E) & h9(E)



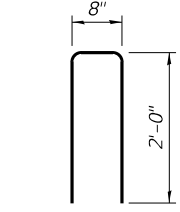
BARS s(E) & s2(E)



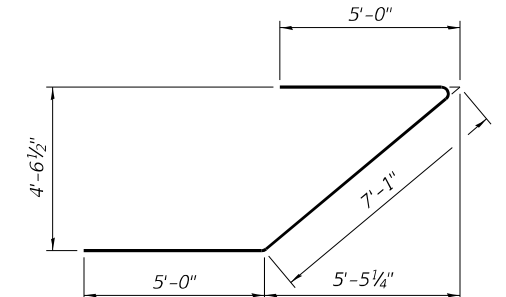
BARS s1(E), s3(E), & s4(E)



BAR s5(E)



BAR u1(E)



BAR u2(E)

(Sheet 2 of 2)

MODEL: PLOT
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USER NAME = kah
ESCA PROJECT NO. 1140.22
PLOT SCALE
PLOT DATE = 7/14/2022

DESIGNED - ELH 05/22
CHECKED - SHL 05/22
DRAWN - NHC 07/22
CHECKED - ELH 07/22

REVISED -
REVISED -
REVISED -
REVISED -

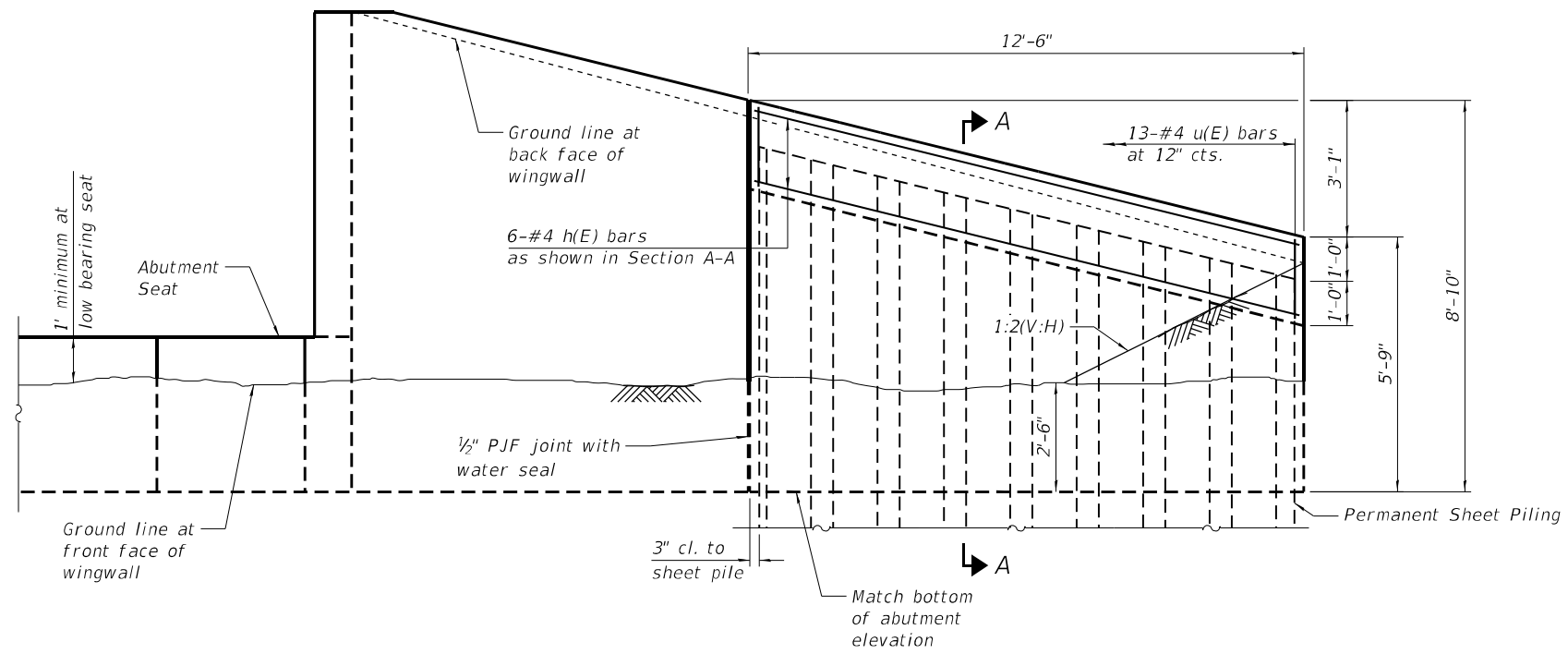
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**NORTH ABUTMENT
STRUCTURE NO. 101-0206**

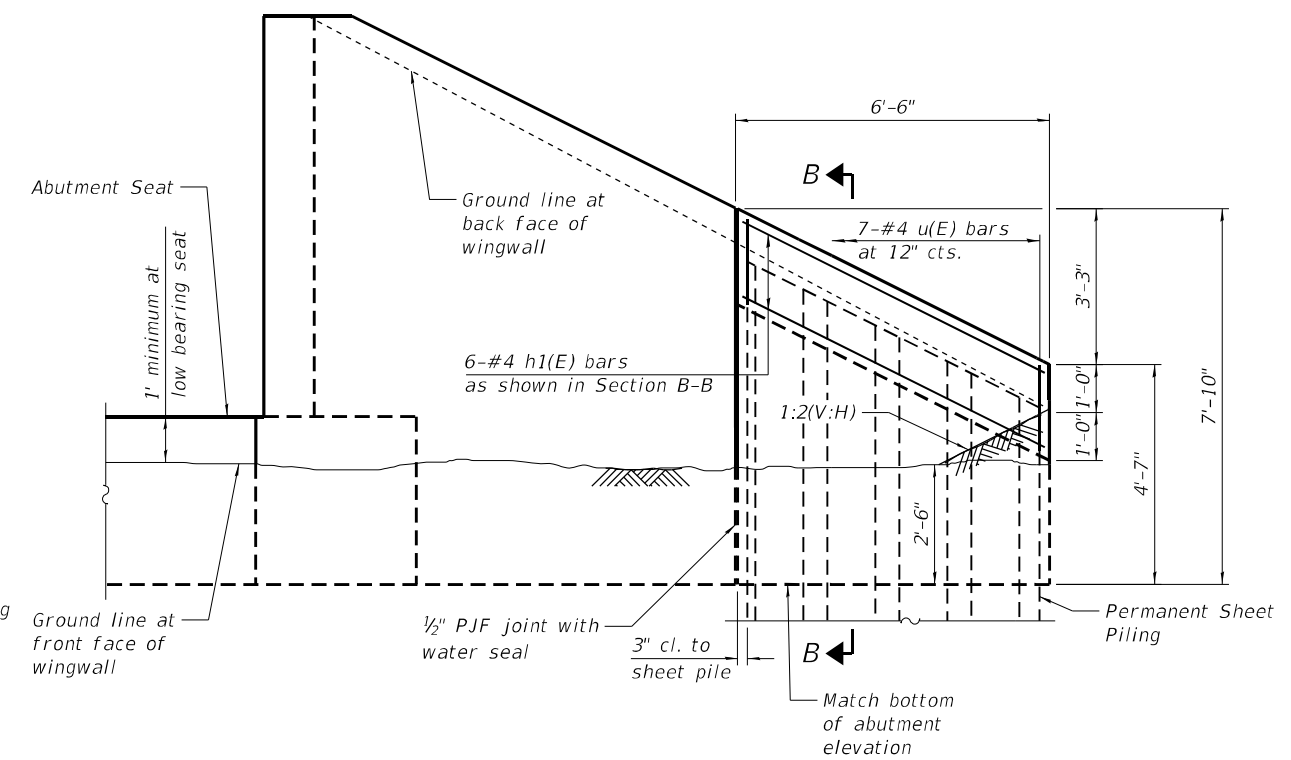
SHEET 31 OF 41 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	112

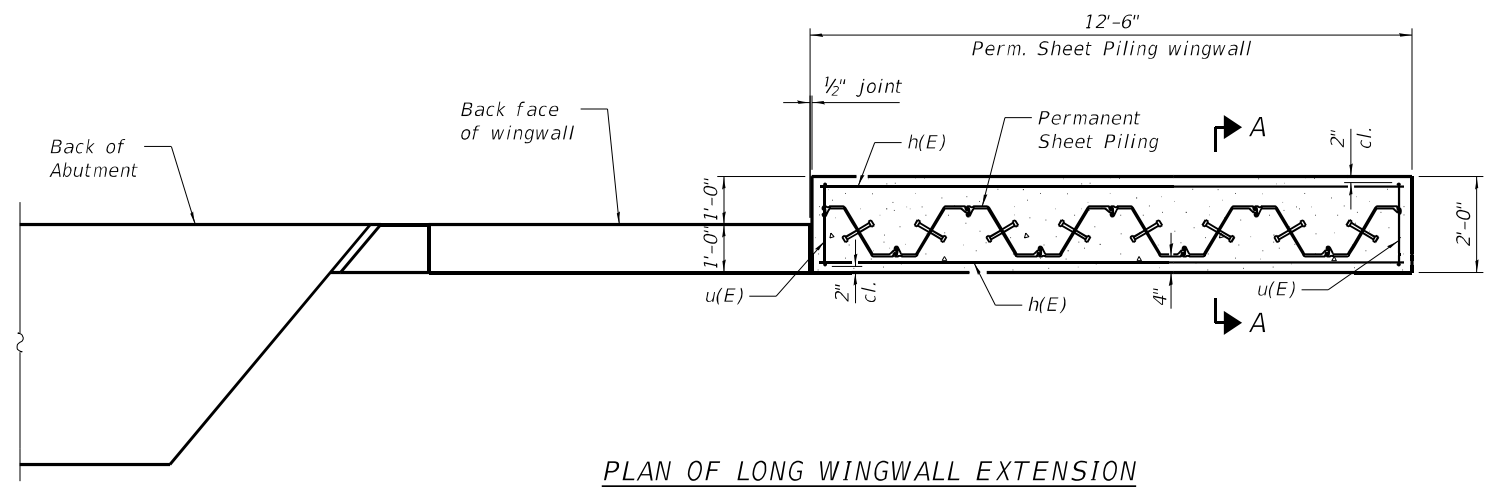
CONTRACT NO. 64G68
ILLINOIS FED. AID PROJECT



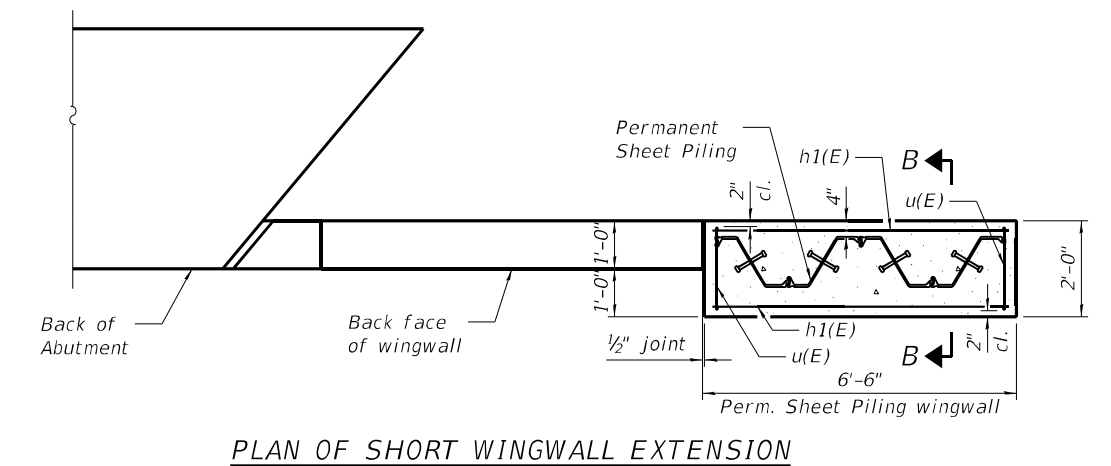
ELEVATION OF LONG WINGWALL EXTENSION
 (South Abutment W. Wing shown, North Abutment E. Wing similar)



ELEVATION OF SHORT WINGWALL EXTENSION
 (North Abutment W. Wing shown, South Abutment E. Wing similar)



PLAN OF LONG WINGWALL EXTENSION
 (South Abutment shown, North Abutment similar)



PLAN OF SHORT WINGWALL EXTENSION
 (North Abutment shown, South Abutment similar)

(Sheet 1 of 2)

MODEL: Default
 FILE NAME: E:\1512-2\3\SN 101-0206\Final Design\Design Plans\CADD Sheets\1010206-64G668-001-WingwallExtensionDetails.dgn



USER NAME=	DESIGNED - CZ	REVISOR -
PLOT SCALE=	CHECKED - NB	REVISOR -
PLOT DATE = 5/20/2022	DRAWN - AJF	REVISOR -
	CHECKED - CZ	REVISOR -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**WINGWALL EXTENSION DETAILS
 STRUCTURE NO. 101-0206**

SHEET 32 OF 41 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HR-3	WINNEBAGO	158	113
CONTRACT NO. 64G68				

ILLINOIS FED. AID PROJECT

Notes:

The details for the concrete cap and reinforcement are based on section PZ 27 sheet piling. If the Contractor chooses to use a different sheet pile section, then the Contractor shall submit revised concrete cap and reinforcement details for approval by the Engineer. Such changes shall not be cause for additional compensation.

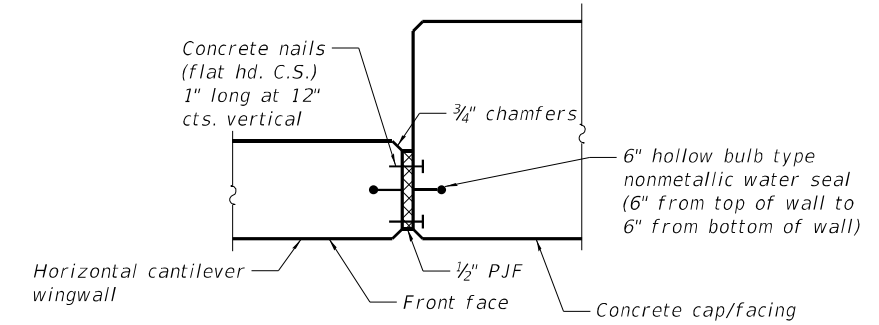
The quantity of concrete for the sheet piling cap is included in Concrete Structures.

The cost of furnishing and installing the studs is included in Permanent Sheet Piling.

The minimum section modulus of the permanent steel sheet piling shall be 30.0 in³/ft.

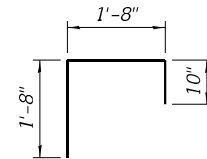
Sheet piling shall not be driven until the concrete in the horizontal cantilever portion of the wingwall has attained a minimum flexural strength of 650 psi or a minimum compressive strength of 3500 psi.

Concrete Facing shall be reinforced with welded wire reinforcement, 6" x 6" - W4.0 x W4.0, weighing 58 lbs. per 100 sq. ft. Cost included with Concrete Structures.



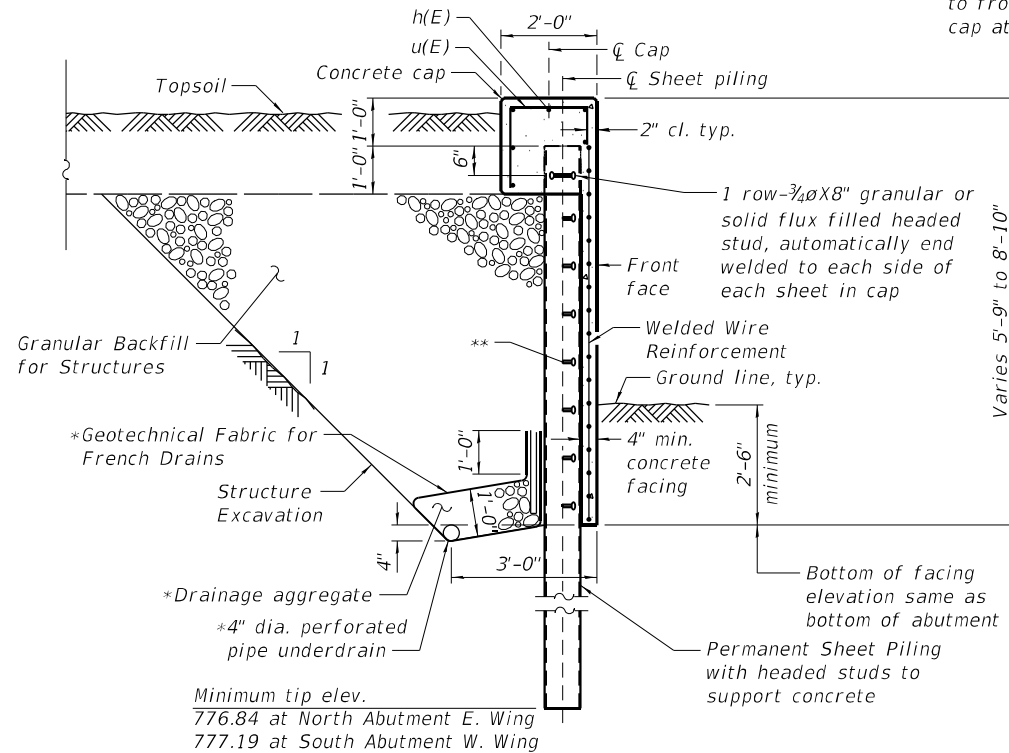
PLAN WINGWALL JOINT DETAIL

All costs associated with furnishing and constructing the above wingwall joint detail will not be measured for payment but shall be included in the contract unit price for the associated work.

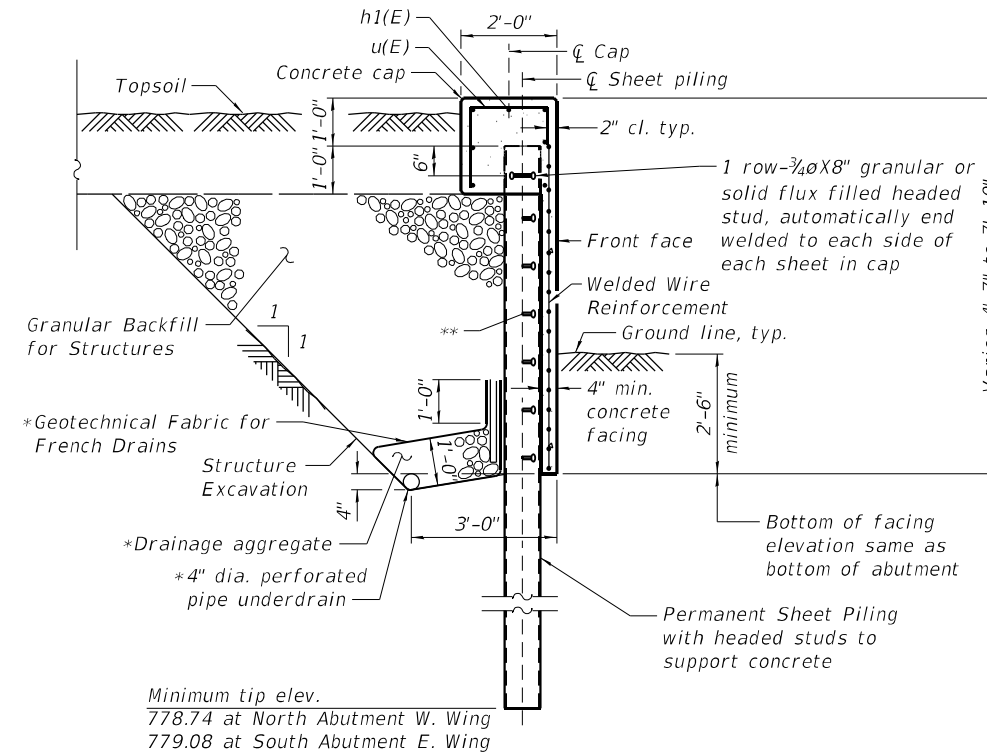


u(E) BAR

**3/4"ØX8" granular or solid flux filled headed stud, automatically end welded to front face of sheet below cap at 12" vertical cts.



SECTION A-A THRU LONG WINGWALL EXTENSION



SECTION B-B THRU SHORT WINGWALL EXTENSION

*Included in the cost of Pipe Underdrains for Structures.

Note:

All drainage system components shall extend parallel to the abutment back wall until they intersect the wingwalls or 2'-0" from the end of the wingwalls when the wings are parallel to the abutment. The pipe shall extend under the wingwall, if necessary, until intersecting the side slopes. The pipes shall drain into concrete headwalls. (See Article 601.05 of the Standard Specifications and Highway Standard 601101).

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	12	#4	12'-6"	—
h1(E)	12	#4	6'-11"	—
u(E)	40	#4	4'-2"	□
Concrete Structures			Cu. Yd.	11.6
Reinforcement Bars, Epoxy Coated			Pound	270
Permanent Sheet Piling			Sq. Ft.	951

(Sheet 2 of 2)

MODEL: Default
FILE NAME: E:\1512-2\3\SN 101-0206\Final Design\Design Plans\CADD Sheets\1010206-64G668-02-WingwallExtensionDetails.dgn



USER NAME =	DESIGNED - CZ	REVISED -
PLOT SCALE =	CHECKED - NB	REVISED -
PLOT DATE = 7/7/2022	DRAWN - AJF	REVISED -
	CHECKED - CZ	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

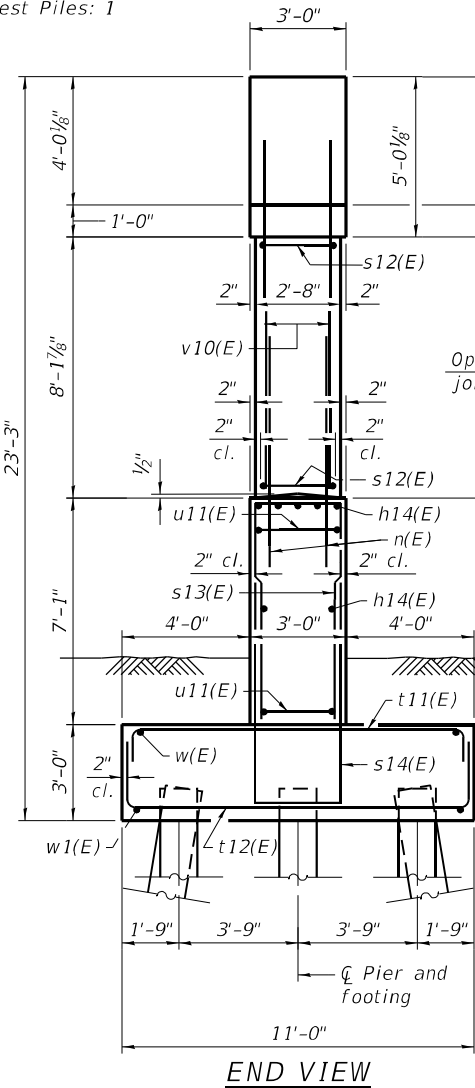
**WINGWALL EXTENSION DETAILS
STRUCTURE NO. 101-0206**

SHEET 33 OF 41 SHEETS

F.A.U. RTE. 39	SECTION 4HBR-3	COUNTY WINNEBAGO	TOTAL SHEETS 158	SHEET NO. 114
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

PILE DATA

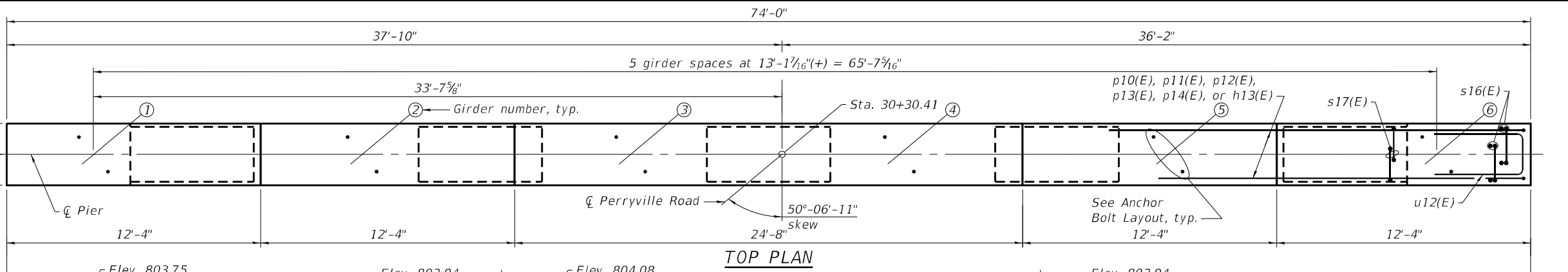
Type: MS 14" x 0.312" with pile shoes
 Nominal Required Bearing: 570 kips
 Factored Resistance Available: 313 kips
 Est. Length: 11 feet
 No. Production Piles: 32
 No. Test Piles: 1



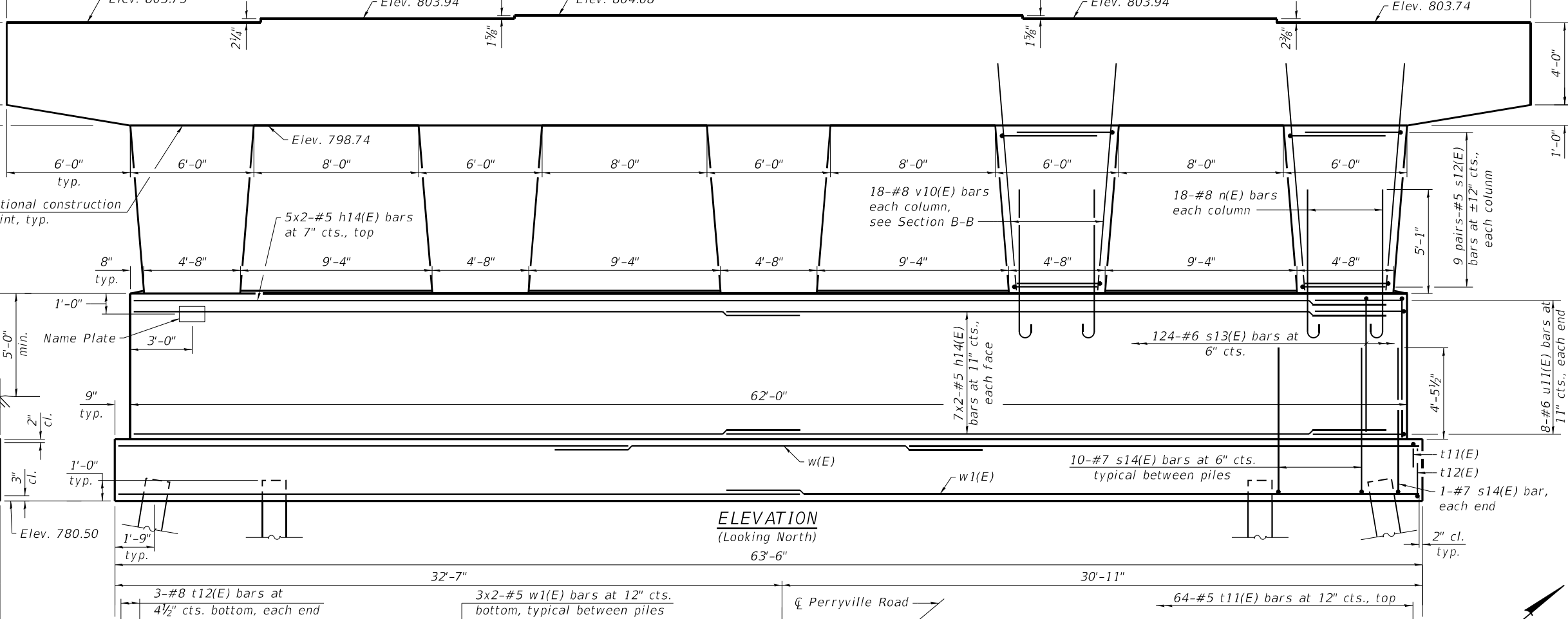
END VIEW

Notes:
 Space reinforcement in cap to miss anchor bolts.
 Pour steps monolithically with cap.
 For details of piles, see Sheet 36 of 41.
 For pier cap reinforcement and additional details see Sheet 35 of 41.
 Bars indicated thus 5x3-#5 etc. indicates 5 lines of bars with 3 lengths per line.
 Concrete sealer shall be applied to all exposed surfaces above proposed grade.

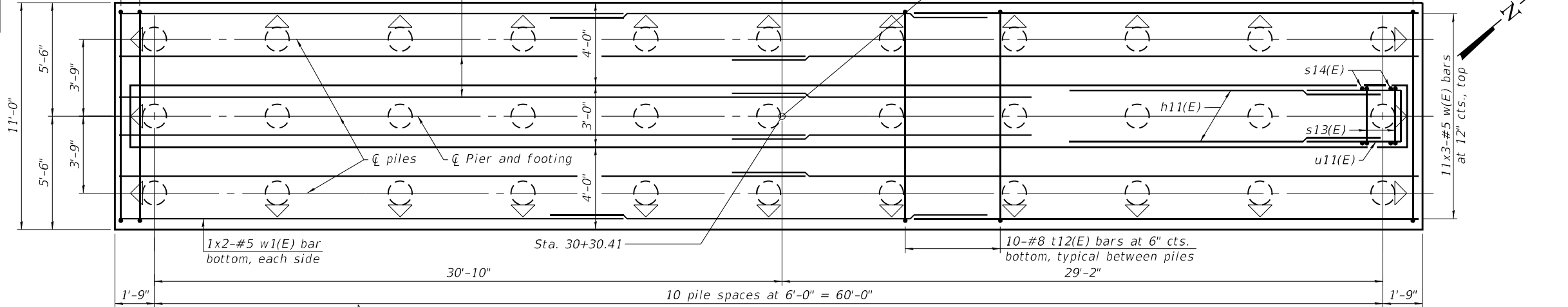
MINIMUM BAR LAP
 #5 bar = 3'-7"



TOP PLAN



ELEVATION
 (Looking North)



FOOTING PLAN

(Sheet 1 of 2)

MODEL: PLOT
 FILE NAME: Y:\DOT\1140-22_64G68\CADD\SD\101-0206\1010206-64G68-34-Pier.dgn



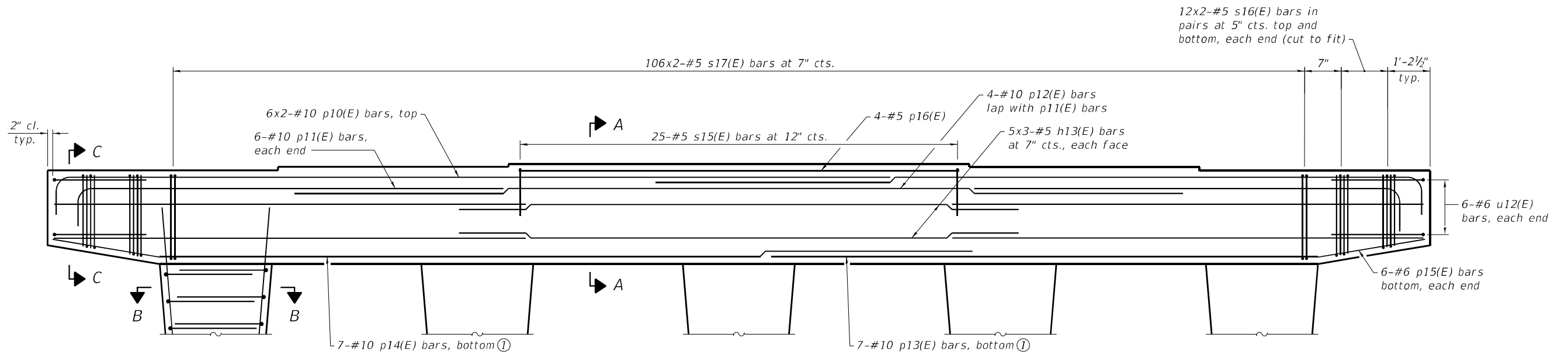
USER NAME = kah	DESIGNED - ELH 04/22	REVISED -
ESCA PROJECT NO. 1140.22	CHECKED - PRH 04/22	REVISED -
PLOT SCALE	DRAWN - NHC/KAH 07/22	REVISED -
PLOT DATE = 7/14/2022	CHECKED - ELH 07/22	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PIER
STRUCTURE NO. 101-0206

SHEET 34 OF 41 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	115
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				



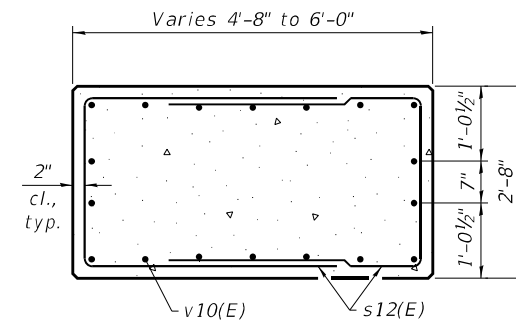
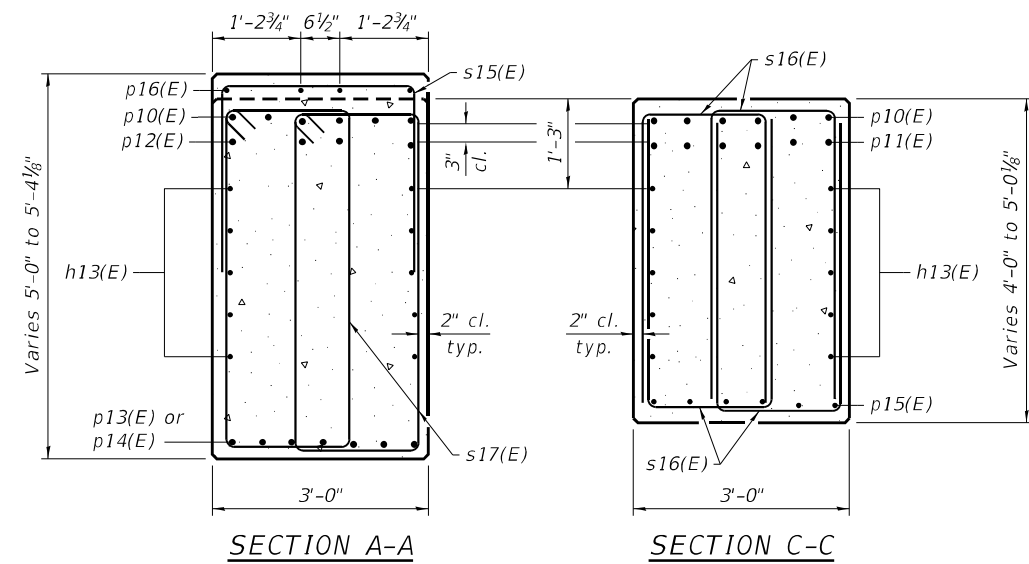
MINIMUM BAR LAP
 #5 bar = 3'-7"
 #10 bar = 11'-6"

PIER CAP DETAIL
 (Looking North, showing reinforcement in cap)

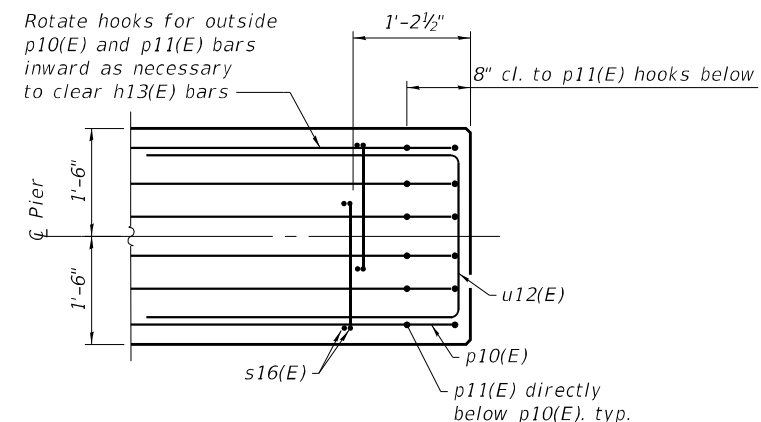
① Lap together and alternate lap locations of adjacent bars

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h13(E)	30	#5	27'-0"	—
h14(E)	38	#5	32'-8"	—
n(E)	90	#8	8'-2"	⌋
p10(E)	12	#10	44'-5"	⌋
p11(E)	12	#10	26'-4"	⌋
p12(E)	4	#10	47'-0"	—
p13(E)	7	#10	30'-0"	—
p14(E)	7	#10	43'-6"	—
p15(E)	12	#6	5'-11"	—
p16(E)	4	#5	24'-4"	—
s12(E)	90	#5	10'-4"	⌋
s13(E)	124	#6	16'-2"	⌋
s14(E)	102	#7	17'-0"	⌋
s15(E)	25	#5	7'-10"	⌋
s16(E)	96	#5	9'-9"	⌋
s17(E)	212	#5	13'-8"	⌋
t11(E)	64	#5	12'-8"	⌋
t12(E)	106	#8	15'-8"	⌋
u11(E)	16	#6	11'-3"	⌋
u12(E)	12	#6	11'-3"	⌋
v10(E)	90	#8	10'-1"	—
w(E)	33	#5	23'-6"	—
w1(E)	16	#5	33'-5"	—
Structure Excavation	Cu. Yd.	170		
Concrete Structures	Cu. Yd.	188.6		
Reinforcement Bars, Epoxy Coated	Pound	32,260		
Furnishing Metal Shell Piles 14"x0.312"	Foot	352		
Driving Piles	Foot	352		
Test Pile Metal Shells	Each	1		
Pile Shoes	Each	33		
Concrete Sealer	Sq. Ft.	2,570		

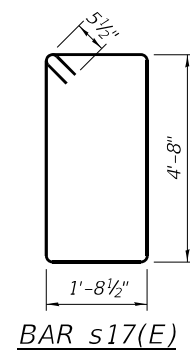
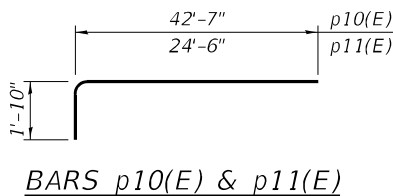
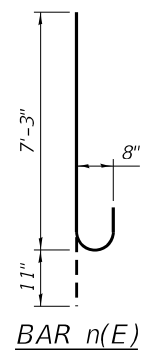


SECTION B-B



PARTIAL TOP PLAN

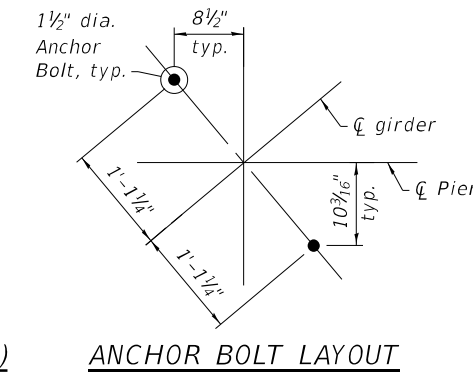
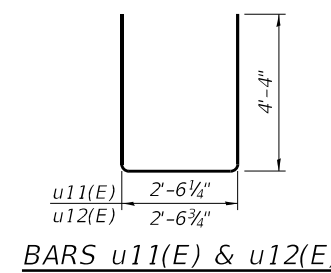
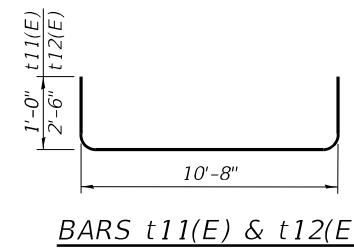
(Showing bars in top of cap at ends)



BARS s12(E) THRU s16(E)

A & B DIMENSIONS

Bar	A	B
s12(E)	2'-4"	4'-0"
s13(E)	2'-8"	6'-9"
s14(E)	2'-8"	7'-2"
s15(E)	2'-8"	2'-7"
s16(E)	1'-8 1/2"	4'-0"



ANCHOR BOLT LAYOUT

(Sheet 2 of 2)

MODEL: PLOT
 FILE NAME: Y:\IDOT\1140-22_64G68\CADD\SN101-0206\1010206-64G68-35-Pier.dgn



USER NAME = kah
 ESCA PROJECT NO. 1140.22
 PLOT SCALE
 PLOT DATE = 7/14/2022

DESIGNED - ELH 04/22
 CHECKED - PRH 04/22
 DRAWN - NHC/KAH 05/22
 CHECKED - ELH 05/22

REVISED -
 REVISED -
 REVISED -
 REVISED -

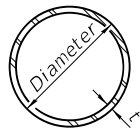
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PIER
 STRUCTURE NO. 101-0206**

SHEET 35 OF 41 SHEETS

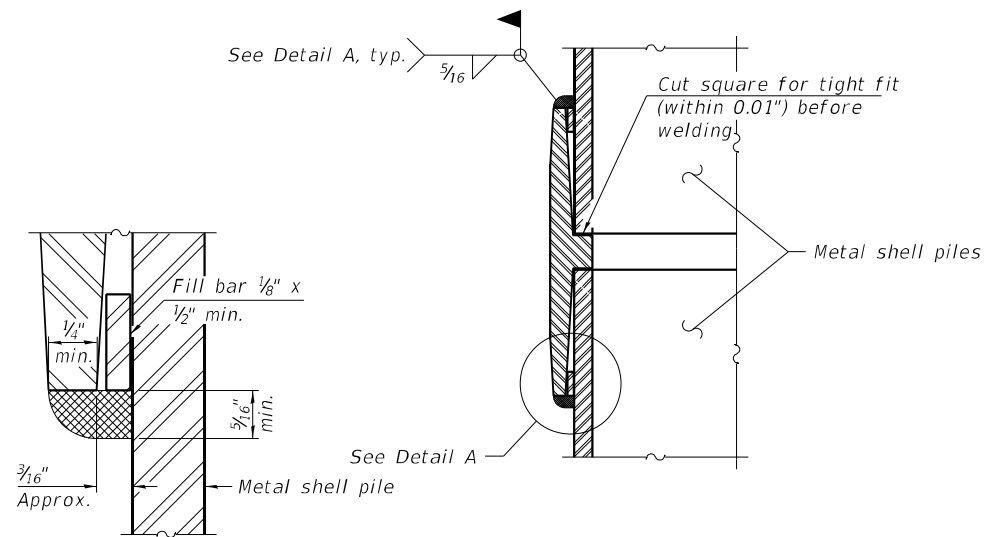
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	116

CONTRACT NO. 64G68
 ILLINOIS FED. AID PROJECT

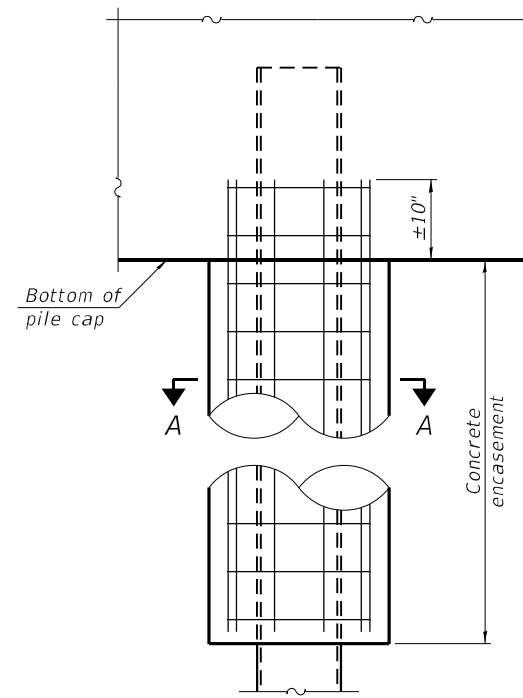


METAL SHELL PILE TABLE

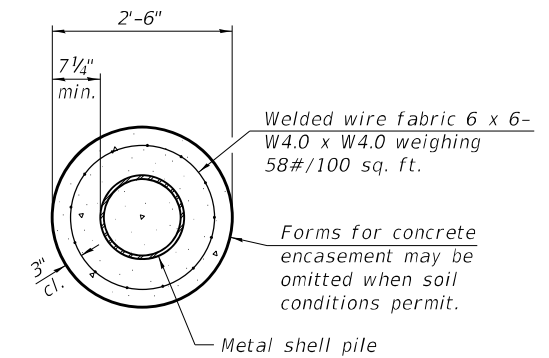
Designation and outside diameter	Wall thickness t	Weight per foot (Lbs./ft.)	Inside volume (yd. ³ /ft.)
PP12	0.250"	31.37	0.0267
PP14	0.250"	36.71	0.0368
PP14	0.312"	45.61	0.0361
PP16	0.312"	52.32	0.0478
PP16	0.375"	62.64	0.0470



DETAIL A

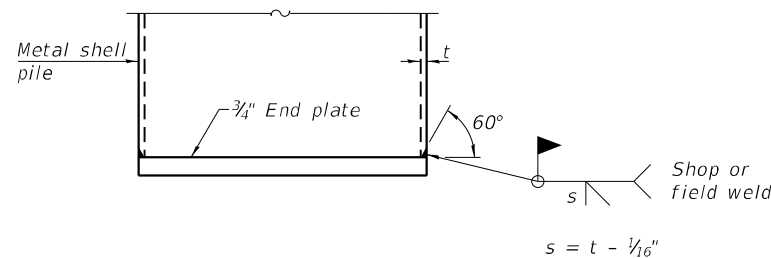


ELEVATION



SECTION A-A

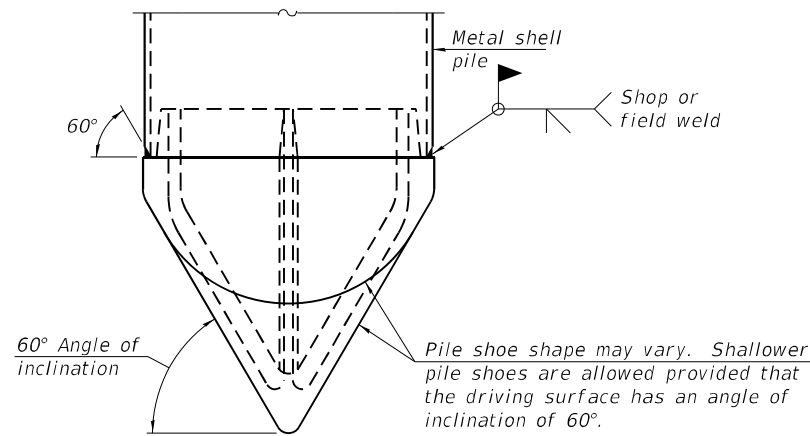
INDIVIDUAL PILE CONCRETE ENCASUREMENT
(When specified)



END PLATE ATTACHMENT

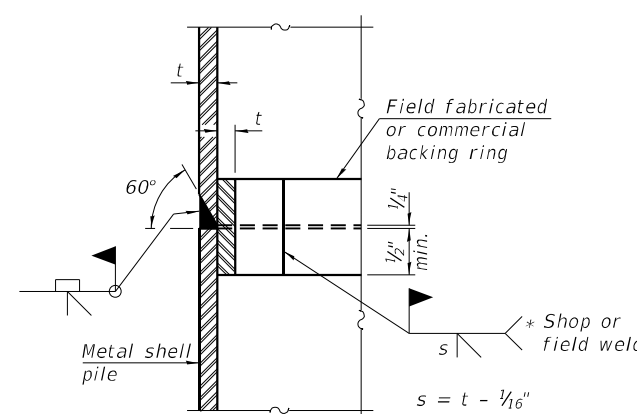
WELDED COMMERCIAL SPLICE

Notes:
The 1/8" x 1/2" min. fill bar may be constructed of 2 bars with a 1/8" max. gap between them.
Pile segments shall be driven to solid contact with splicer before welding.



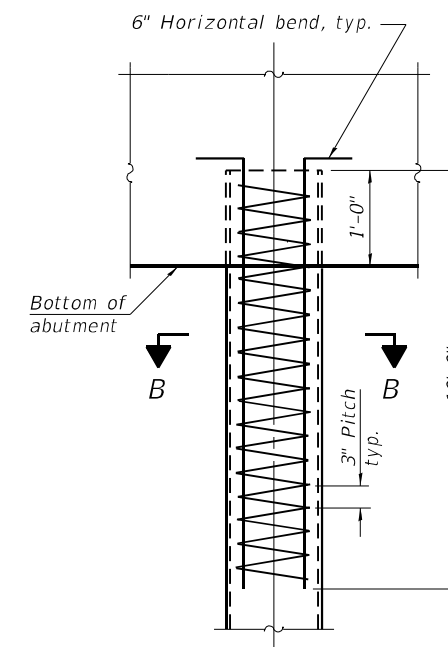
PILE SHOE ATTACHMENT

(When called for on the plans, the Contractor shall furnish metal shell pile shoes consisting of a single piece conical pile point as shown. The pile shoes shall be cast in one piece steel according to either ASTM A 148 Grade 80-50 or AASHTO M 103 Grade 65-35 and shall provide full bearing over the full circumference of the metal shell pile. The pile shoe shall have tapered leads to assure proper alignment and fitting and shall be secured to the pile with a circumferential weld).

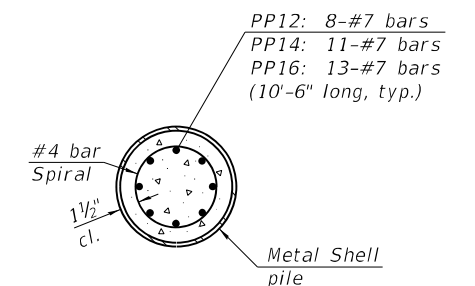


COMPLETE PENETRATION WELD SPLICE

* Field fabricated backing ring may be made from pile shell by removing segment to allow reducing circumference and vertically rejoin with partial joint penetration weld.



ELEVATION



SECTION B-B

REINFORCEMENT AT ABUTMENTS
(Omit when concrete encasement is specified)

Note:
The metal shell piles shall be according to Article 1006.05 of the Standard Specifications.

F-MS 1-1-2020

MODEL: PLOT FILE NAME: Y:\IDOT\1140-22_64G68\CADD\SN101-0206\1010206-64G68-36-ShellPileDtls.dgn



USER NAME = kah	DESIGNED - ELH 12/21	REVISED -
ESCA PROJECT NO. 1140.22	CHECKED - PRH 03/22	REVISED -
PLOT SCALE	DRAWN - NHC 05/22	REVISED -
PLOT DATE = 7/14/2022	CHECKED - ELH 05/22	REVISED -

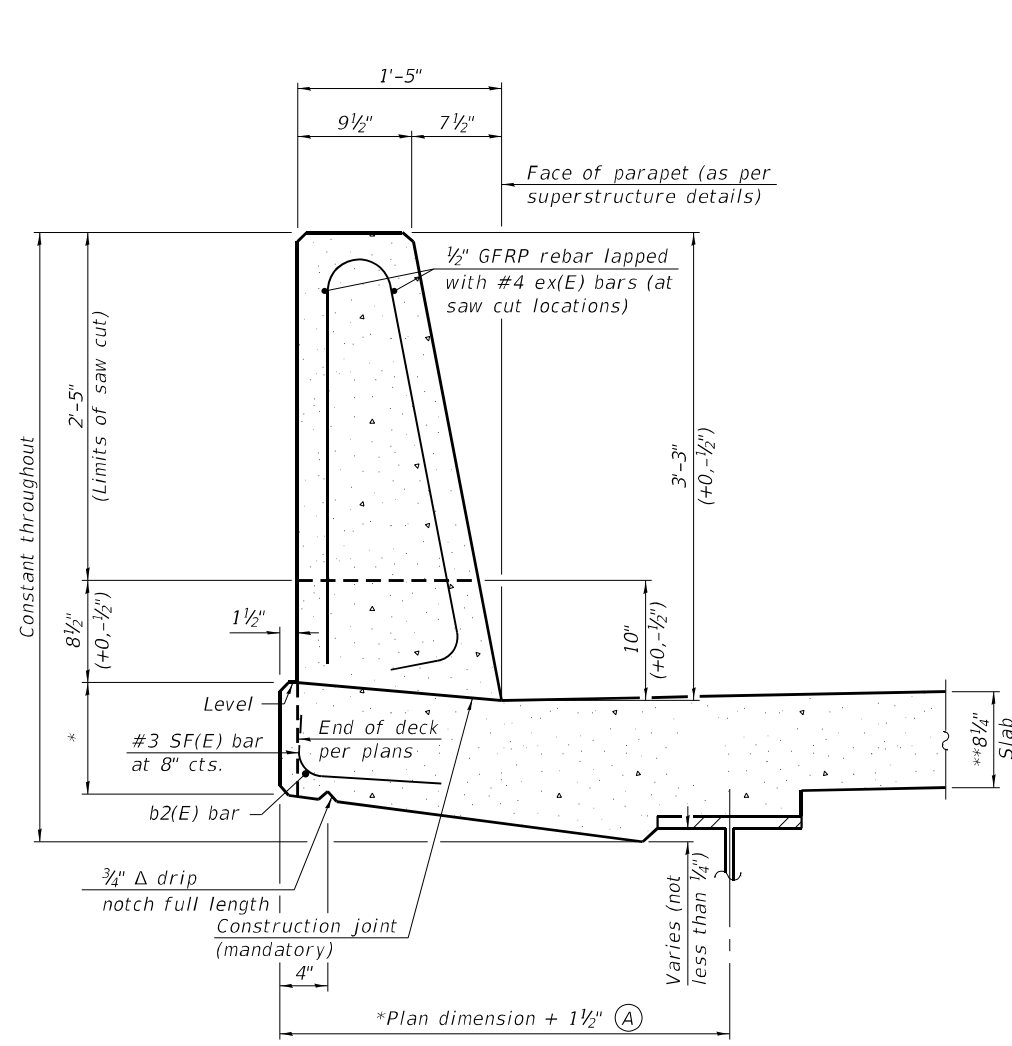
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**METAL SHELL PILE DETAILS
STRUCTURE NO. 101-0206**

SHEET 36 OF 41 SHEETS

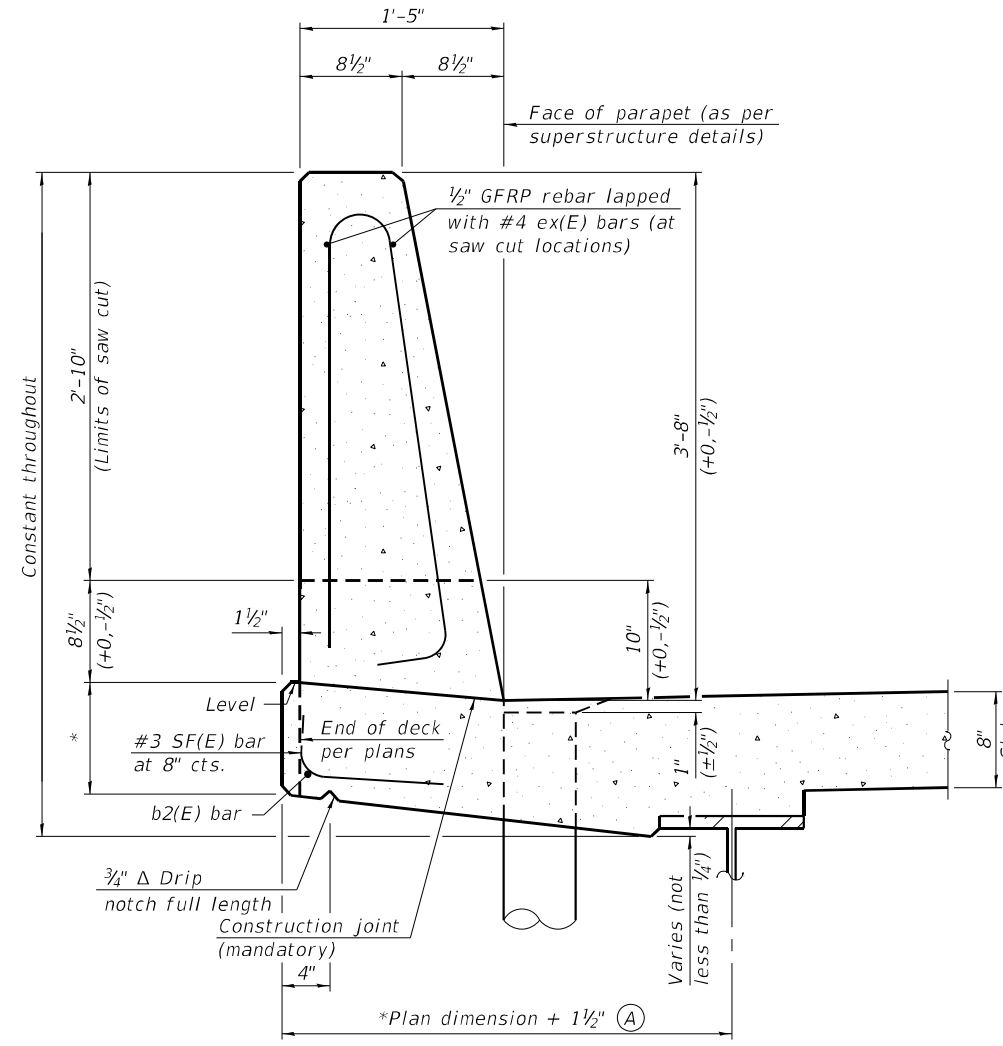
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	117
CONTRACT NO. 64G68				

ILLINOIS FED. AID PROJECT



**39" CONSTANT-SLOPE
PARAPET SECTION**

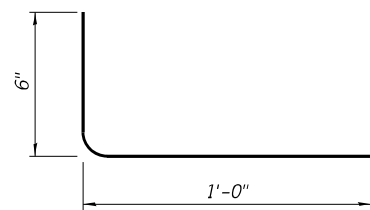
(Showing dimensions, d(E), and 1/2" Ø GFRP rebar)



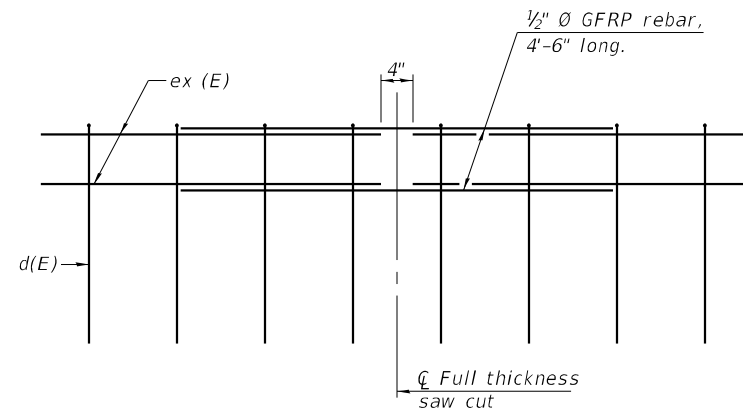
**44" CONSTANT-SLOPE
PARAPET SECTION**

(Showing dimensions, d(E), and 1/2" Ø GFRP rebar)

*See Superstructure Details.
**Prior to grinding



#3 SF(E) BAR



GFRP REBAR STIFFENING DETAIL

(Place as shown in parapet section at each parapet joint location.)

Notes:
All dimensions shall remain the same as shown on superstructure details, except dimension A which is to be revised as shown. Additional concrete needed to revise dimension A = 0.00348 cu. yds./ft. for 39" and 44" parapets.
Place full depth aluminum sheets as shown on superstructure details.
Replace all cork joint filler locations with a full thickness saw cut.
Steel superstructure shown. Other superstructure types similar.

MODEL: PLOT
FILE NAME: Y:\IDOT\1140-22_64G68\CADD\SN101-0206\1010206-64G68-37-SlipformParapet.dgn



USER NAME = kah	DESIGNED - ELH 04/22	REVISED -
ESCA PROJECT NO. 1140.22	CHECKED - PRH 04/22	REVISED -
PLOT SCALE	DRAWN - NHC 07/22	REVISED -
PLOT DATE = 7/14/2022	CHECKED - ELH 07/22	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CONCRETE PARAPET SLIPFORMING OPTION
STRUCTURE NO. 101-0206**

SHEET 37 OF 41 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	118
CONTRACT NO. 64G68				

ILLINOIS FED. AID PROJECT



SOIL BORING LOG

Date 5/29/08

ROUTE Bypass 20 DESCRIPTION P92-111-06 US Bypass 20 Bridge at Perryville Road, .5 m. S. of Rockford LOGGED BY J. Strating

SECTION _____ LOCATION Cherry Valley Twp. - 2 SW, SEC., TWP. 43N, RNG. 2E

COUNTY Winnebago DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO.	Station	DEPTH	BLOW	UCS	MOIST	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After
		(ft)	(/6")	(tsf)	(%)	ft	ft	ft	ft	ft	Hrs.
	10+00						80.00				
BORING NO.	B-4e										
Station	11+80							766.2			
Offset	7.00ft Lt CL										
Ground Surface Elev.	803.70										
HARD tan/gray CLAY LOAM TILL with SAND lens			13								
		00/10'		8.0							
End of Boring	762.20										

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)

The station and offset shown in the boring log is referenced to an old alignment. The boring location along the current ζ Perryville Road is station 28+20, 7' right



SOIL BORING LOG

Date 6/2/08

ROUTE Bypass 20 DESCRIPTION P92-111-06 US Bypass 20 Bridge at Perryville Road, .5 m. S. of Rockford LOGGED BY W. Garza

SECTION _____ LOCATION Cherry Valley Twp. - 2 SW, SEC., TWP. 43N, RNG. 2E

COUNTY Winnebago DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO.	Station	DEPTH	BLOW	UCS	MOIST	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After
		(ft)	(/6")	(tsf)	(%)	ft	ft	ft	ft	ft	Hrs.
	10+00						80.00				
BORING NO.	B-5e								None		
Station	8+25										
Offset	5.00ft Rt CL										
Ground Surface Elev.	805.90										
9" Asphalt											
STIFF dark gray SILTY CLAY LOAM				1.0	21.0						
				P			784.40				
STIFF dark gray SILTY CLAY LOAM			1								
	803.40		2	1.0	25.0						
			3	B			781.90				
VERY STIFF redish brown CLAY LOAM			1								
	799.40		6	2.7	18.0						
			7	B			779.40				
VERY STIFF redish brown CLAY LOAM			2								
	796.90		4	2.1	16.0						
			5	B			776.40				
SOFT redish brown CLAY LOAM			2								
	794.40		4	1.9	17.0						
			6	B			773.90				
VERY STIFF brown SILTY CLAY LOAM			2								
	791.90		5	2.3	25.0						
			9	B			771.90				
VERY STIFF gray SILTY CLAY LOAM			2								
	789.40		4	2.1	25.0						
			5	B			769.40				
VERY STIFF redish brown LOAM			4								
	786.90		5	2.5	15.0						
			9	B			766.90				
End of Boring											

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 station and offset shown in the boring log is referenced to an old alignment. The boring location along the current ζ Perryville Road is station 31+75, 5' left

MODEL: PLOT
 FILE NAME: Y:\IDOT\1140-22_64G68\CADD\SN101-0206\1010206-64G68-40-501.dgn



USER NAME = kah	DESIGNED - ELH 12/21	REVISED -
ESCA PROJECT NO. 1140.22	CHECKED - PRH 12/21	REVISED -
PLOT SCALE	DRAWN - NHC 07/22	REVISED -
PLOT DATE = 7/14/2022	CHECKED - ELH 07/22	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

BORING LOGS
 STRUCTURE NO. 101-0206

SHEET 40 OF 41 SHEETS

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HR-3	WINNEBAGO	158	121
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				



SOIL BORING LOG

Date 2/16/16

ROUTE FAI 39 & FAP 301 DESCRIPTION P92-111-06 Perryville Road over Bypass 20 LOGGED BY W. Garza

SECTION (201-3)K & 4-1.5K LOCATION Cherry Valley Twp. - 3SE, SEC. , TWP. 43N, RNG. 2E

COUNTY Winnebago DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-55

STRUCT. NO. Station Latitude 42° 13' 33.32" Longitude -88° 58' 46.29" Northing 2,027,089.2509 Easting 2,618,111.4276

BORING NO. B-6e Station 2663+22 Offset 94.00ft Rt Ground Surface Elev. 779.90 ft

DEPTH (ft)	BLOW COUNT (/6")	UNIFORMITY COEFFICIENT (tsf)	MOISTURE (%)	SOIL DESCRIPTION	ELEVATION (ft)	SPT (blows)	D	B	U	M	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After	Hrs.	(ft)	(/6")	(tsf)	(%)
											ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
0				STIFF brown SILTY CLAY LOAM	779.40	55															
1.4	28.0																				
2	3	1.3	43.0	STIFF brown SILTY CLAY LOAM with 9% ORGANICS	778.40																
3																					
4																					
2				STIFF tan SILTY CLAY TILL																	
3		1.2	25.0																		
5																					
2				LOOSE brown fine SAND with medium GRAVEL	773.90																
3																					
3																					
2				VERY LOOSE tan dirty SAND with medium GRAVEL	771.90																
0																					
0																					
2																					
0				VERY LOOSE tan dirty SANDY GRAVEL	769.40																
1																					
2																					
5				LOOSE tan SANDY GRAVEL	766.90																
6																					
4																					
1				DENSE tan well-cemented SANDY GRAVEL	764.40																
12																					
28																					
32				VERY DENSE tan SANDY GRAVEL	761.90																
30																					

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 station and offset shown in the boring log is referenced to an old alignment. The boring location along the current Perryville Road is station 27+45, 90' left



SOIL BORING LOG

Date 5/4/16

ROUTE FAI 39 & FAP 301 DESCRIPTION P92-111-06 Perryville Road over Bypass 20 LOGGED BY W. Garza

SECTION (201-3)K & 4-1.5K LOCATION . SEC. , TWP. , RNG.

COUNTY Winnebago DRILLING METHOD Shelby HAMMER TYPE Shelby

STRUCT. NO. Station Latitude Longitude Northing Easting

BORING NO. B-6e Shelby Station 2663+80 Offset 65.00ft Rt Ground Surface Elev. 785.70 ft

DEPTH (ft)	BLOW COUNT (/6")	UNIFORMITY COEFFICIENT (tsf)	MOISTURE (%)	SOIL DESCRIPTION	ELEVATION (ft)	SPT (blows)	D	B	U	M	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After	Hrs.	(ft)	(/6")	(tsf)	(%)
											ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
0				24" Recovery																	
				25" Recovery	783.20																
				20" Recovery	780.70	-5															
				21" Recovery	778.20																
				24" Recovery	775.70	-10															
				20" Recovery	773.20																
				End of Boring	770.70	-15															

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 station and offset shown in the boring log is referenced to an old alignment. The boring location along the current Perryville Road is station 28+08, 76' left

MODEL: PLOT FILE NAME: Y:\IDOT\1140-22_64G68\CADD\SN101-0206\1010206-64G68-41-Soil.dgn



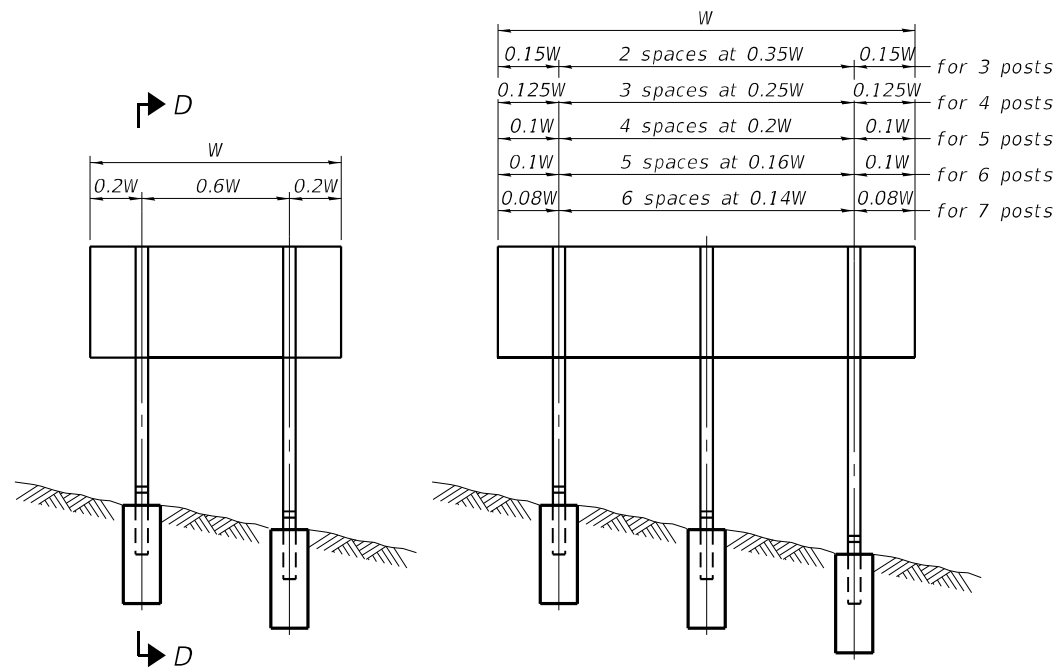
USER NAME = kah	DESIGNED - ELH 12/21	REVISED -
ESCA PROJECT NO. 1140-22	CHECKED - PRH 12/21	REVISED -
PLOT SCALE	DRAWN - NHC 07/22	REVISED -
PLOT DATE = 7/14/2022	CHECKED - ELH 07/22	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

BORING LOGS STRUCTURE NO. 101-0206

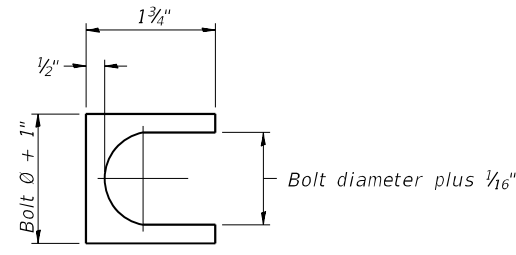
SHEET 41 OF 41 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HR-3	WINNEBAGO	158	122
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				



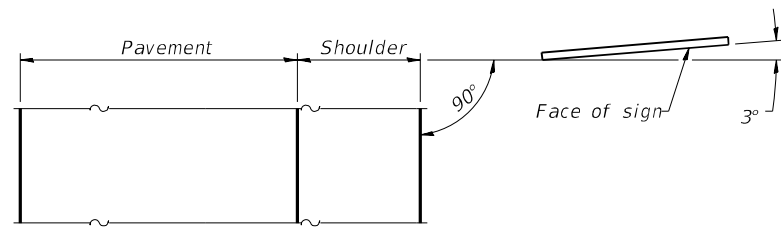
ELEVATION

0.15W	2 spaces at 0.35W	0.15W	for 3 posts
0.125W	3 spaces at 0.25W	0.125W	for 4 posts
0.1W	4 spaces at 0.2W	0.1W	for 5 posts
0.1W	5 spaces at 0.16W	0.1W	for 6 posts
0.08W	6 spaces at 0.14W	0.08W	for 7 posts

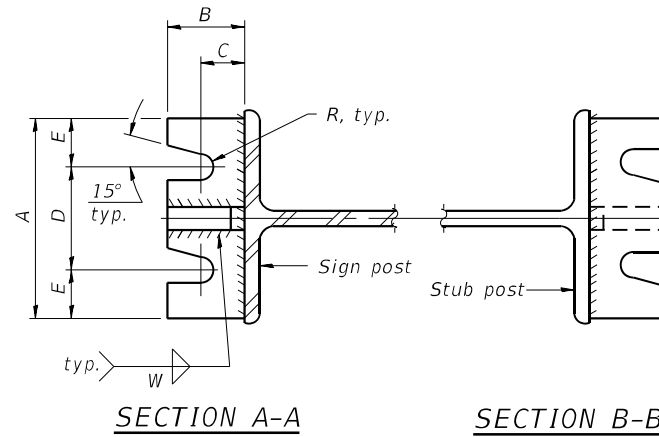


SHIM DETAIL

Furnish two 0.01" thick and two 0.03" thick stainless steel or brass (ASTM B36) shims per post.



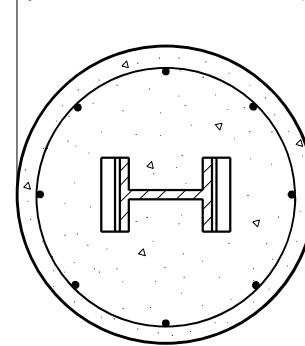
LOCATION SKETCH



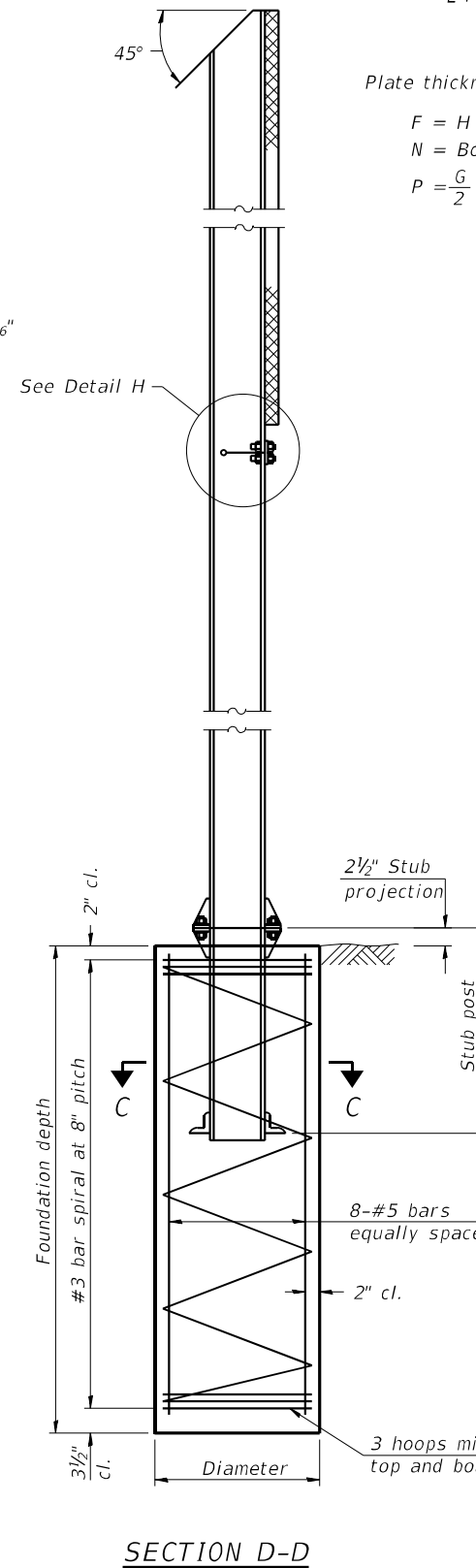
SECTION A-A

SECTION B-B

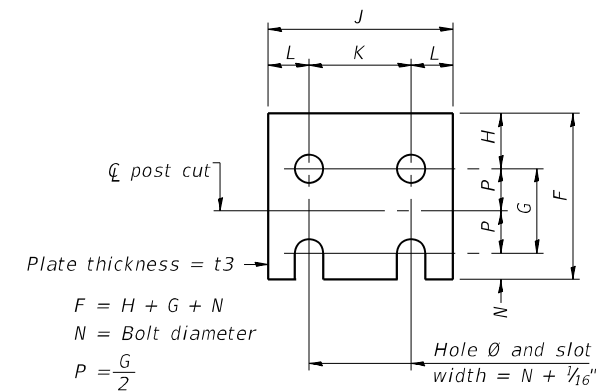
(See table for dimensions.)



SECTION C-C

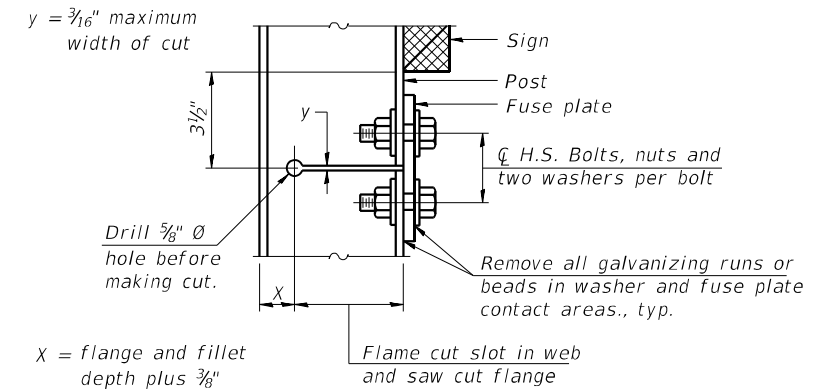


SECTION D-D

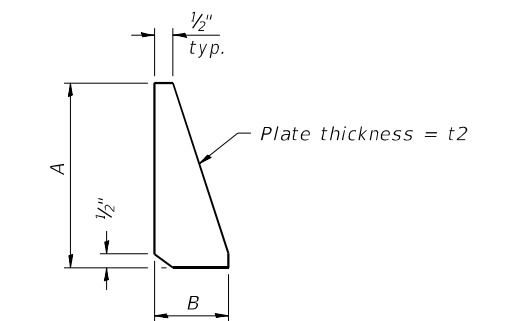


FUSE PLATE DETAIL
(Install with notches down.)

N = Bolt Diameter	G	H
1/2"	2"	1 1/8"
5/8"	2 1/4"	1 1/4"
3/4"	2 1/2"	1 3/8"
7/8"	2 3/4"	1 1/2"
1"	3"	1 5/8"
1 1/8"	3 1/4"	1 3/4"
1 1/4"	3 1/2"	1 7/8"



DETAIL H



STIFFENER PLATE DETAIL
Diameter

GENERAL NOTES

Posts shall be plumbed by using shims with post-to-stub post connection bolts snug tight only. Final tightening of all High Strength Bolts shall be in accordance with Article 727.05 and threads at the junction of the bolt and nut shall be burred or center punched to prevent the nut from loosening.

LOADING: 80 m.p.h. wind with 30% gust factor, normal to sign.

DESIGN STRESSES:
Structural steel - 20,000 p.s.i.
Reinforcing steel - 20,000 p.s.i.
Concrete - 1,400 p.s.i.
Footing soil pressure - 2,000 p.s.f.

After fabrication, the post, fuse plate and upper 6", min. of the stub post shall be hot-dip galvanized in accordance with AASHTO M111. All bolts, nuts and washers shall be hot-dip galvanized in accordance with AASHTO M232.

Work this sheet with Base Sheet BAW-A-2.

(Sheet 1 of 2)

MODEL: PLOT FILE NAME: Y:\IDOT\1140-22_64G68\CADD\Highway\CADD Sheets\ID264G68-sht-details14.dgn

BAW-A-1

2-17-2017



USER NAME = IRC	DESIGNED - SKM 06/21	REVISED -
ESCA PROJECT NO. 1140.22	CHECKED - ELH 06/21	REVISED -
PLOT SCALE = 0.1667' / in.	DRAWN - SKM 06/21	REVISED -
PLOT DATE = 8/4/2022	CHECKED - ELH 06/21	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BREAK-AWAY WIDE FLANGE
STEEL SIGN POST DETAILS**

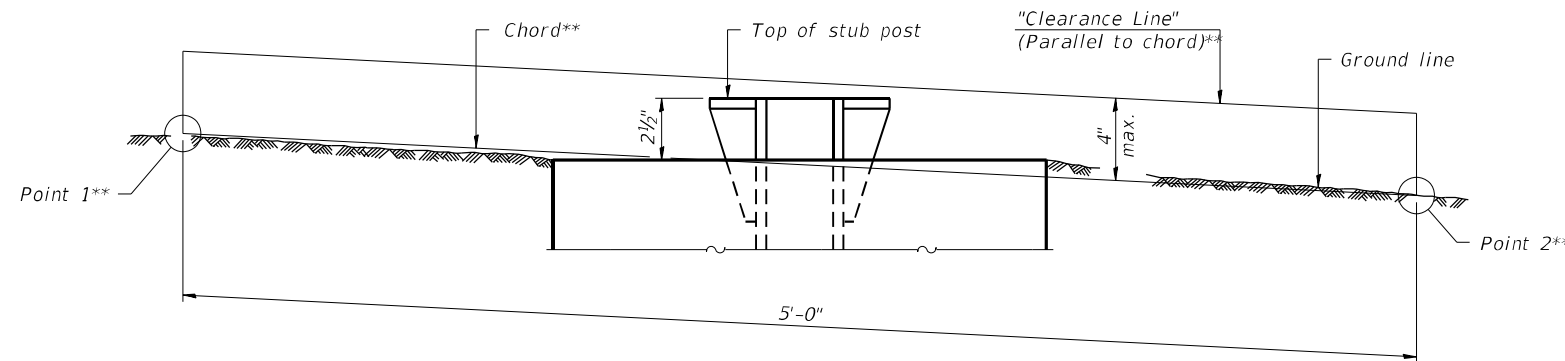
SHEET NO. 1 OF 2 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HR-3	WINNEBAGO	158	123
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

POST	CONCRETE FOUNDATION TABLE							POST TO STUB POST CONNECTION DATA										FUSE PLATE DATA				
	Foundation			Reinforcement			Stub Post Length	Bolt Size	A	B	C	D	E	t1	t2	R	W	J	K	L	t3	
	Diameter*	Minimum Depth	Concrete ⁽¹⁾ (cu. yds.)	Vertical Bars Length	Bar Diameter	Spirals Length																lbs. ⁽²⁾
W6x9	2'-0"	6'-0"	0.70	5'-9"	1'-8 1/2"	79'-0"	78	2'-3"	5/8" x 3 1/4"	6"	2 1/4"	1 1/4"	3 1/2"	1 1/4"	3/4"	1/2"	1 1/32"	1/4"	4"	2 1/4"	7/8"	1/4"
W6x15	2'-0"	6'-0"	0.70	5'-9"	1'-8 1/2"	79'-0"	78	2'-6"	5/8" x 3 1/4"	6"	2 1/4"	1 1/4"	3 1/2"	1 1/4"	3/4"	1/2"	1 1/32"	1/4"	6"	3 1/2"	1 1/4"	3/8"
W8x18	2'-0"	6'-0"	0.70	5'-9"	1'-8 1/2"	79'-0"	78	2'-6"	3/4" x 3 3/4"	6"	2 1/2"	1 3/8"	3 1/4"	1 3/8"	1"	1/2"	1 3/32"	5/16"	5 1/4"	2 3/4"	1 1/4"	3/8"
W10x22	2'-6"	6'-6"	1.18	6'-3"	2'-2 1/2"	105'-0"	92	3'-0"	3/4" x 3 3/4"	6"	2 1/2"	1 3/8"	3 1/4"	1 3/8"	1"	1/2"	1 3/32"	5/16"	5 3/4"	2 3/4"	1 1/2"	1/2"
W10x26	2'-6"	7'-0"	1.27	6'-9"	2'-2 1/2"	112'-0"	98	3'-0"	7/8" x 4"	7"	2 3/4"	1 1/2"	4"	1 1/2"	1"	3/4"	1 5/32"	3/8"	5 3/4"	2 3/4"	1 1/2"	5/8"
W12x26	2'-6"	7'-9"	1.41	7'-6"	2'-2 1/2"	119'-0"	107	3'-0"	7/8" x 4"	7"	2 3/4"	1 1/2"	4"	1 1/2"	1"	3/4"	1 5/32"	3/8"	6 1/2"	3 1/2"	1 1/2"	5/8"
W14x30	3'-0"	7'-3"	1.90	7'-0"	2'-8 1/2"	145'-0"	113	3'-0"	7/8" x 4"	7"	2 3/4"	1 1/2"	4"	1 1/2"	1"	3/4"	1 5/32"	3/8"	6 3/4"	3 1/2"	1 5/8"	1/2"
W14x38	3'-0"	8'-0"	2.09	7'-9"	2'-8 1/2"	153'-0"	122	3'-6"	1" x 4 1/2"	7 1/2"	3"	1 3/4"	4"	1 3/4"	1 1/4"	3/4"	1 7/32"	3/8"	6 3/4"	3 1/2"	1 5/8"	1/2"
W16x45	3'-0"	8'-6"	2.23	8'-3"	2'-8 1/2"	162'-0"	130	3'-6"	1" x 4 1/2"	7 1/2"	3"	1 3/4"	4"	1 3/4"	1 1/4"	3/4"	1 7/32"	3/8"	7"	3 1/2"	1 3/4"	1/2"

*Dimensional changes required for varying site conditions shall be approved by the Engineer.

POST	FUSE PLATE BOLT SIZE																					
	Sign Height																					
	4'-0"	5'-0"	6'-0"	7'-0"	8'-0"	9'-0"	10'-0"	11'-0"	12'-0"	13'-0"	14'-0"	15'-0"	16'-0"	17'-0"	18'-0"	19'-0"	20'-0"	21'-0"	22'-0"	23'-0"	24'-0"	
W6x9	1/2" x 1 1/2"	1/2" x 1 1/2"	1/2" x 1 1/2"	1/2" x 1 1/2"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
W6x15	1/2" x 1 3/4"	1/2" x 1 3/4"	1/2" x 1 3/4"	5/8" x 2"	5/8" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	—	—	—	—	—	—	—	—	—	—	—	
W8x18	1/2" x 1 3/4"	1/2" x 1 3/4"	1/2" x 1 3/4"	1/2" x 1 3/4"	5/8" x 2"	5/8" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	—	—	—	—	—	—	—	—	—	—	—	
W10x22	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2"	5/8" x 2"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	—	—	—	—	—	—	—	
W10x26	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	—	—	—	—	—	—	
W12x26	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	—	—	—	—	—	
W14x30	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2"	5/8" x 2"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	—	—	—	—	
W14x38	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"
W16x45	—	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"



ELEVATION
GROUND LINE & STUB POST

** For all "Point 1" and "Point 2" locations, "Clearance Line" must be at or above top of stub post.

- ① Quantity includes all concrete necessary for one foundation.
- ② Includes reinforcement bars and spiral hooping for one foundation.

BAW-A-2

2-17-2017

(Sheet 2 of 2)

MODEL: PLOT FILE NAME: Y:\IDOT\1140-22_64G68\CADD\Highway\CADD_Sheets\22_64G68-sht-details15.dgn



USER NAME = IRC	DESIGNED - SKM 06/21	REVISED -
ESCA PROJECT NO. 1140-22	CHECKED - ELH 06/21	REVISED -
PLOT SCALE = 0.1667' / in.	DRAWN - SKM 06/21	REVISED -
PLOT DATE = 8/4/2022	CHECKED - ELH 06/21	REVISED -

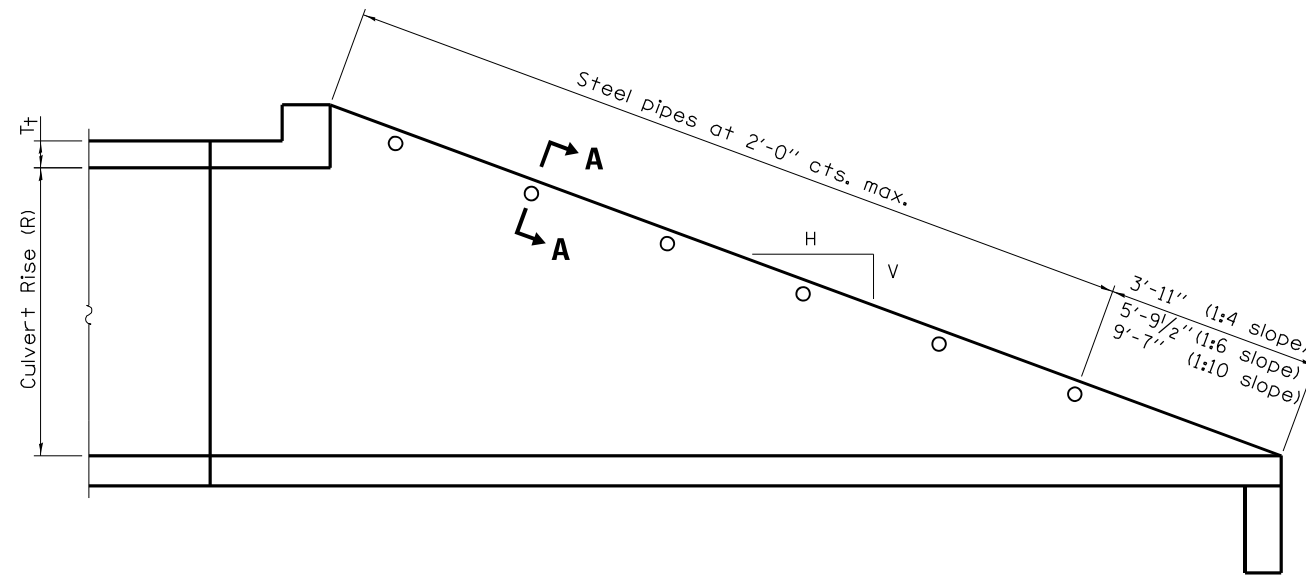
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BREAK-AWAY WIDE FLANGE
STEEL SIGN POST TABLES

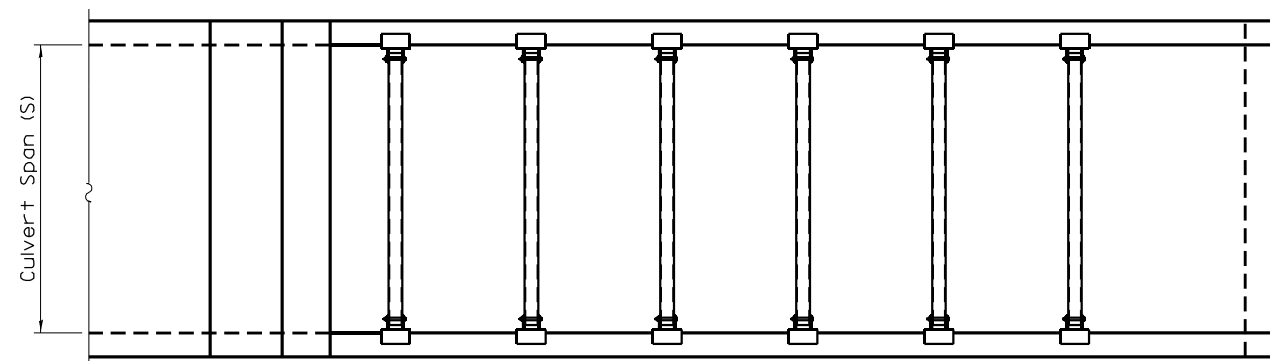
SHEET NO. 2 OF 2 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HR-3	WINNEBAGO	158	124
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

TRAVERSABLE PIPE GRATE FOR PARALLEL DRAINAGE STRUCTURE



LONGITUDINAL SECTION



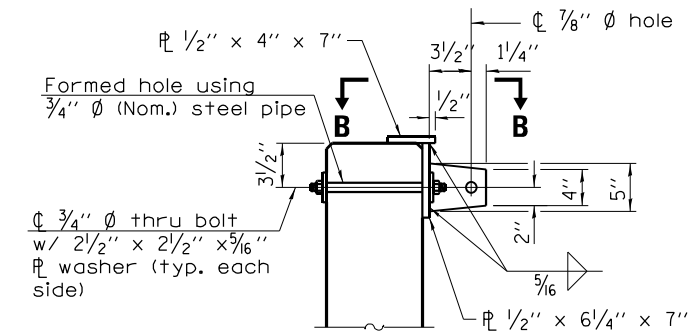
PLAN VIEW

GENERAL NOTES

The minimum edge distance from the center of a hole to the free edge of a structural shape or plate shall be 1/2" unless noted otherwise.

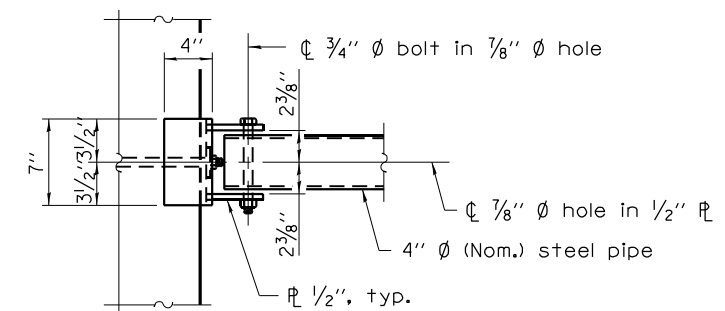
This standard shall only be used on concrete end sections for parallel drainage structures.

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" \emptyset pipe not shown for clarity.)



VIEW B-B

MODEL: PLOT
FILE NAME: Y:\PLOT\1140-22_64G68\CADD\Highway\CADD Sheets\0264G68-sh-csca1807.dgn

REVISED - 5-09-14



USER NAME = IRC	DESIGNED - KJK	REVISED -
ESCA PROJECT NO. 1140.22	DRAWN - KJK	REVISED -
PLOT SCALE = 0.1667' / in.	CHECKED - ELH	REVISED -
PLOT DATE = 8/4/2022	DATE - 06/19	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARDS

SCALE: NONE SHEET NO. 1 OF 16 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	125
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

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

MODEL PLOTS:
FILE NAME: Y:\PLOT1140-22_64G68\CADD\HBR\W\CADD_Sheets\0264G68-sh-cs-hbr02.dwg

REVISED - 5-09-14



USER NAME = IRC	DESIGNED - KJK	REVISED -
ESCA PROJECT NO. 1140.22	DRAWN - KJK	REVISED -
PLOT SCALE = 1/8" = 1'-0"	CHECKED - ELH	REVISED -
PLOT DATE = 8/4/2022	DATE - 06/19	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARDS

SCALE: NONE SHEET NO. 2 OF 16 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	126
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

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 PLOTS
FILE NAME: Y:\PLOT1140-22_64G68\CADD\Highway\CADD Sheets\0264G68-sh-03a.rvt.dwg

REVISED - 5-09-14

TRAVERSABLE PIPE GRATE FOR PARALLEL DRAINAGE STRUCTURE SHEET 3 OF 5 14.1

	USER NAME = IRC	DESIGNED - KJK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARDS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	ESCA PROJECT NO. 1140.22	DRAWN - KJK	REVISED -			39	4HBR-3	WINNEBAGO	158	127
PLOT SCALE = 0.1667' / in.	CHECKED - ELH	REVISED -		SCALE: NONE		SHEET NO. 3 OF 16 SHEETS		STA.	TO STA.	
PLOT DATE = 8/4/2022	DATE - 06/19	REVISED -				ILLINOIS		FED. AID PROJECT		
						CONTRACT NO. 64G68				

TRAVERSABLE PIPE GRATE FOR PARALLEL DRAINAGE STRUCTURE

PIPE GRATE SCHEDULE FOR PARALLEL PIPE ARCH CULVERTS 15" THRU 84" DIA.

SLOPE OF END SECTION						
Pipe I.D.	Table IIA, Corrugation : 2 3/8" x 1/2"					
	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.

SLOPE OF END SECTION						
Pipe I.D.	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"

MODEL: PLOT04
FILE NAME: Y:\PLOT01140-22_64G68\CADD\Highway\CADD_Sheets\0264G68-sh-csca1807.dwg

REVISED - 5-09-14

	USER NAME = IRC	DESIGNED - KJK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARDS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	ESCA PROJECT NO. 1140.22	DRAWN - KJK	REVISED -			39	4HBR-3	WINNEBAGO	158	128
PLOT SCALE = 0.1667' / in.	CHECKED - ELH	REVISED -		SCALE: NONE		SHEET NO. 4 OF 16 SHEETS		STA.	TO STA.	
PLOT DATE = 8/4/2022	DATE - 06/19	REVISED -				ILLINOIS		FED. AID PROJECT		CONTRACT NO. 64G68

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"

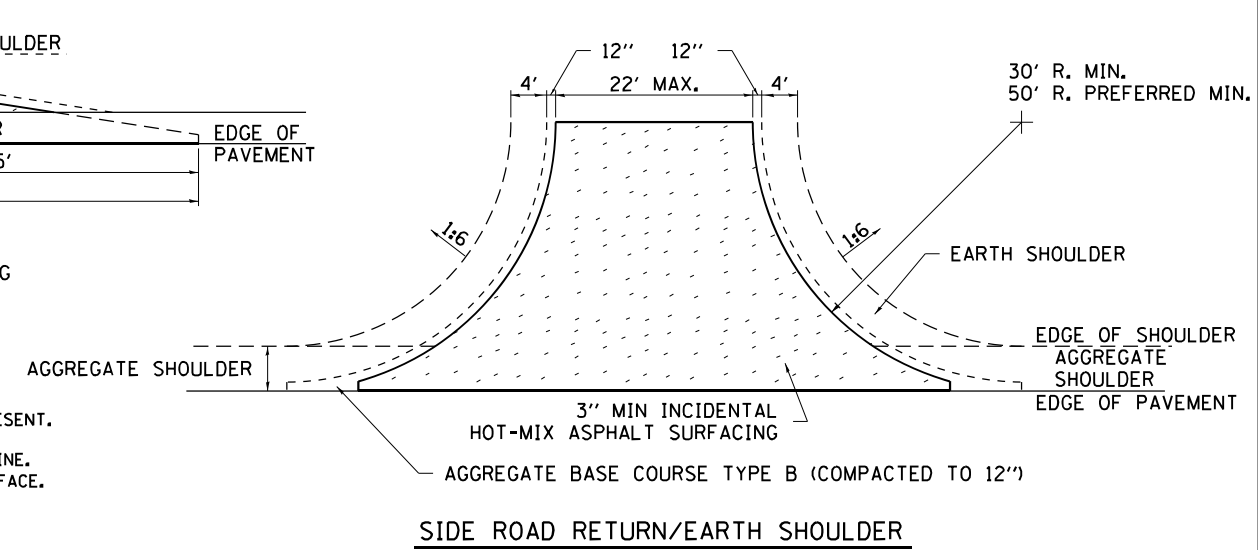
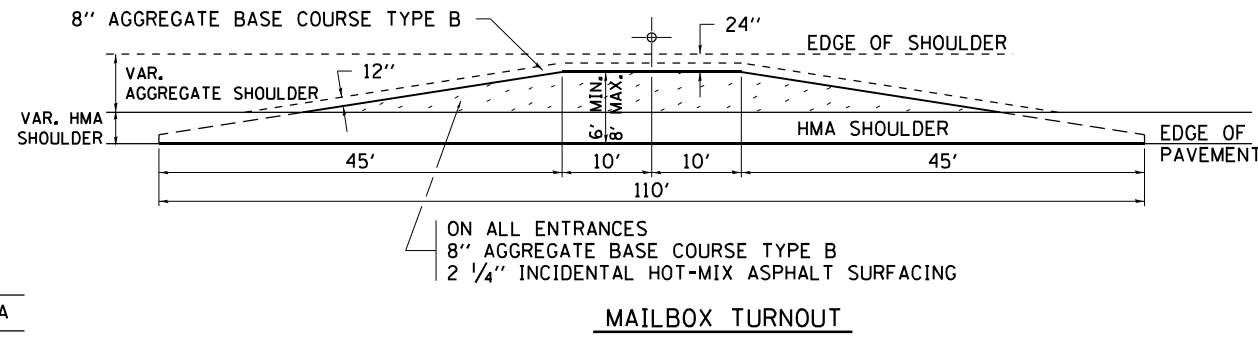
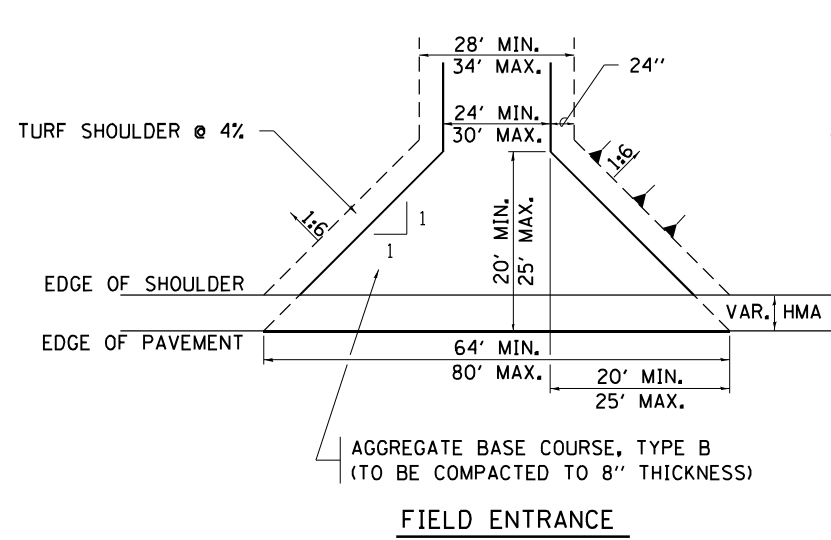
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REVISED - 5-09-14

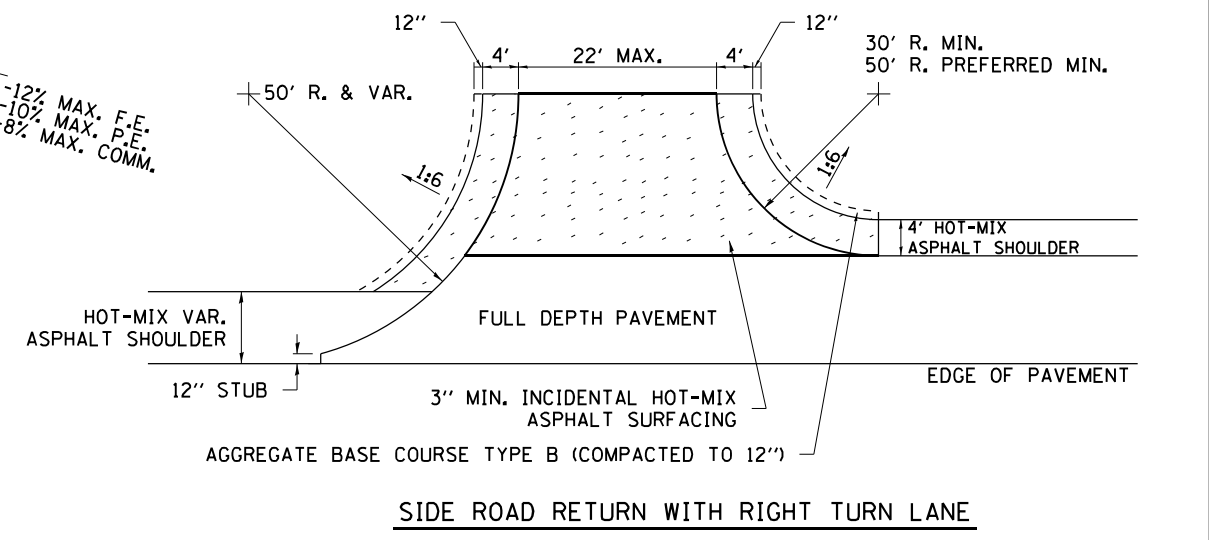
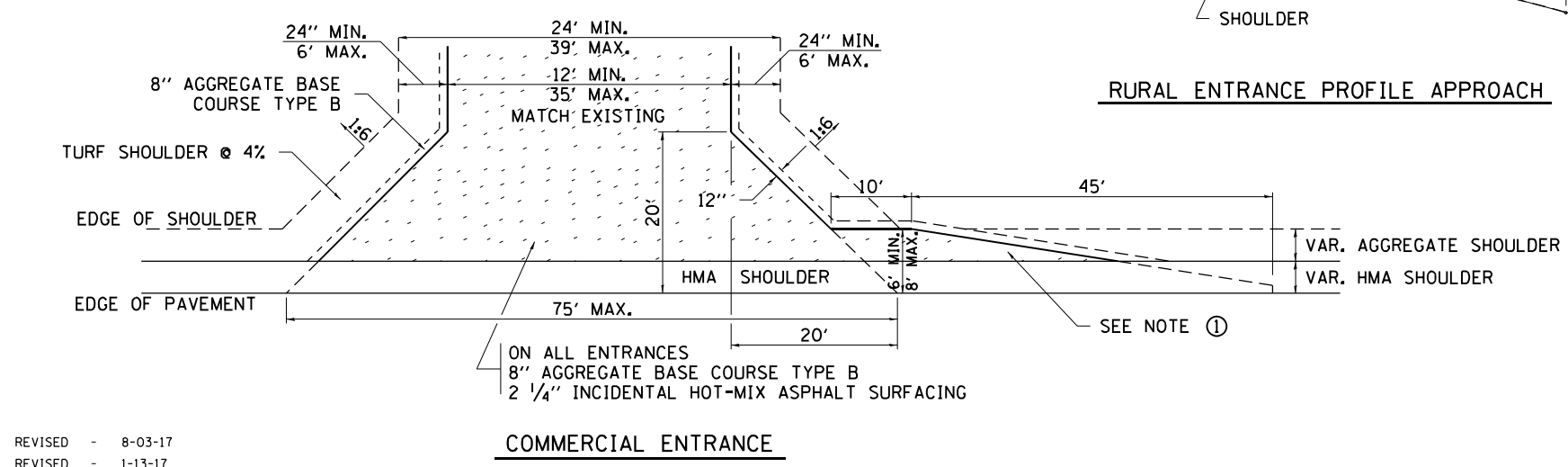
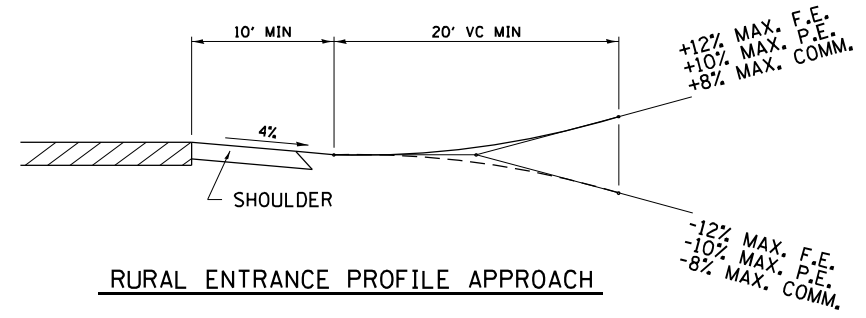
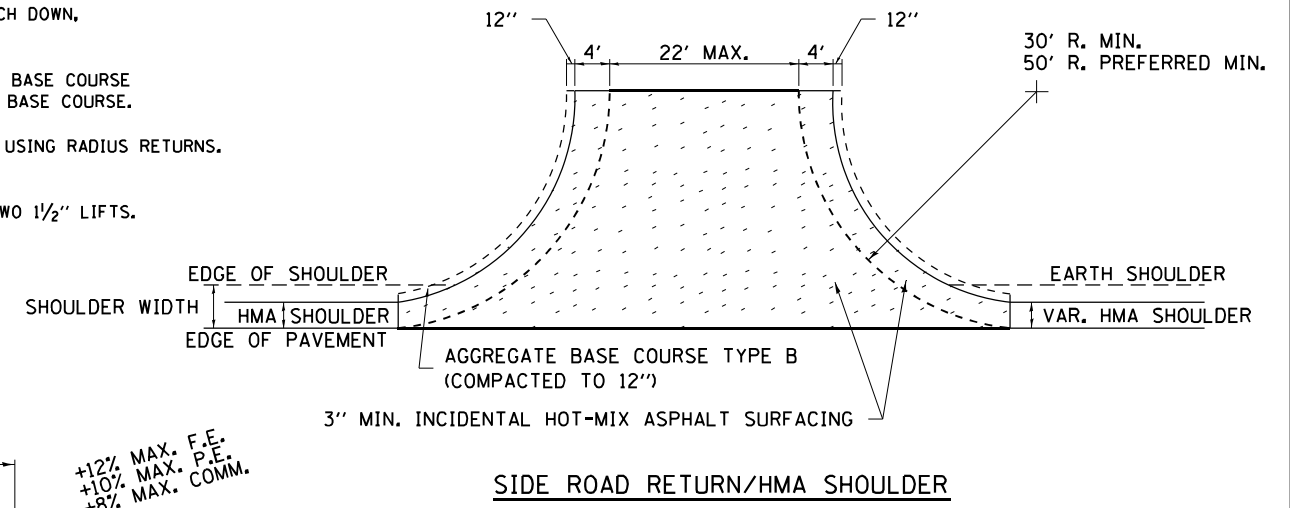
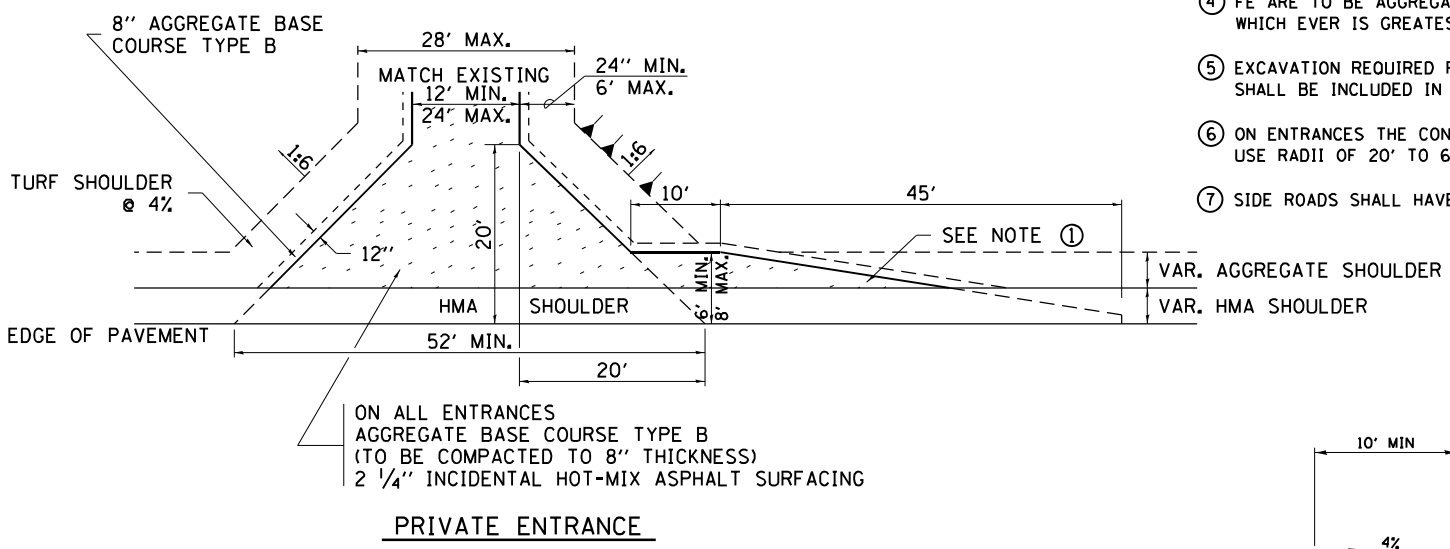
TRAVERSABLE PIPE GRATE FOR PARALLEL DRAINAGE STRUCTURE SHEET 5 OF 5 14.1

	USER NAME = IRC	DESIGNED - KJK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARDS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	ESCA PROJECT NO. 1140.22	DRAWN - KJK	REVISED -			39	4HBR-3	WINNEBAGO	158	129
PLOT SCALE = 0.1667' / in.	CHECKED - ELH	REVISED -		SCALE: NONE		SHEET NO. 5 OF 16 SHEETS		STA. TO STA.		CONTRACT NO. 64G68
PLOT DATE = 8/4/2022	DATE - 06/19	REVISED -				ILLINOIS		FED. AID PROJECT		

HOT-MIX ASPHALT APPROACHES AND MAILBOX RETURNS



- NOTE**
- TURNOUTS ARE TO BE CONSTRUCTED ON THE APPROACH SIDE OF ALL PE & CE REGARDLESS IF A MAILBOX IS PRESENT.
 - ALL PE & CE ARE TO BE SURFACED TO RIGHT OF WAY LINE. AREA BEHIND RIGHT OF WAY SHALL MATCH EXISTING SURFACE.
 - 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.
 - FE ARE TO BE AGGREGATE TO RIGHT OF WAY OR TOUCH DOWN, WHICH EVER IS GREATEST.
 - EXCAVATION REQUIRED FOR PLACEMENT OF AGGREGATE BASE COURSE SHALL BE INCLUDED IN THE COST OF THE AGGREGATE BASE COURSE.
 - ON ENTRANCES THE CONTRACTOR HAS THE OPTION OF USING RADIUS RETURNS. USE RADII OF 20' TO 60'.
 - SIDE ROADS SHALL HAVE 3" INCIDENTAL PLACED IN TWO 1 1/2" LIFTS.



REVISED - 8-03-17
REVISED - 1-13-17
REVISED - 6-27-14
REVISED - 8-27-13



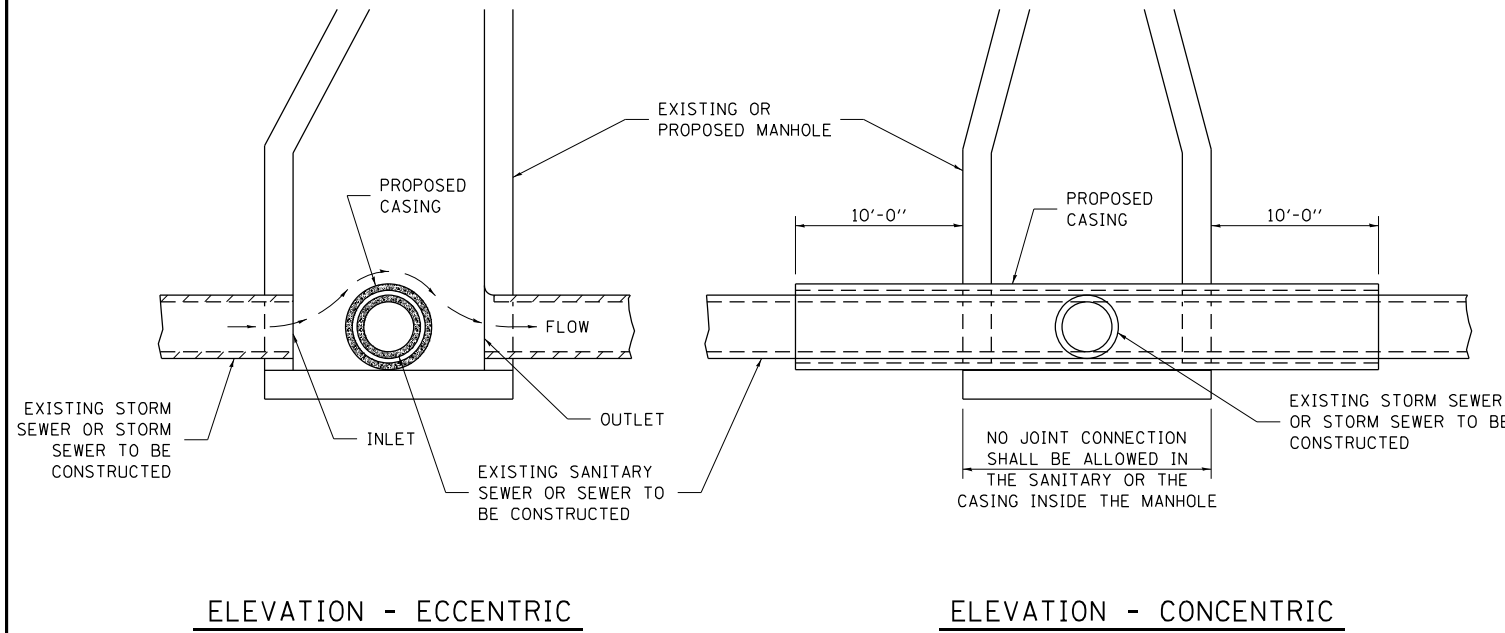
USER NAME = IRC	DESIGNED - KJK	REVISED -
ESCA PROJECT NO. 1140.22	DRAWN - KJK	REVISED -
PLOT SCALE = 0.1667 1/16"	CHECKED - ELH	REVISED -
PLOT DATE = 8/4/2022	DATE - 06/19	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HOT-MIX ASPHALT APPROACHES AND MAILBOX RETURNS 20.1

REGION 2 / DISTRICT 2 STANDARDS		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: NONE	SHEET NO. 6 OF 16 SHEETS	39	4HBR-3	WINNEBAGO	158	130
STA. TO STA.		CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT						

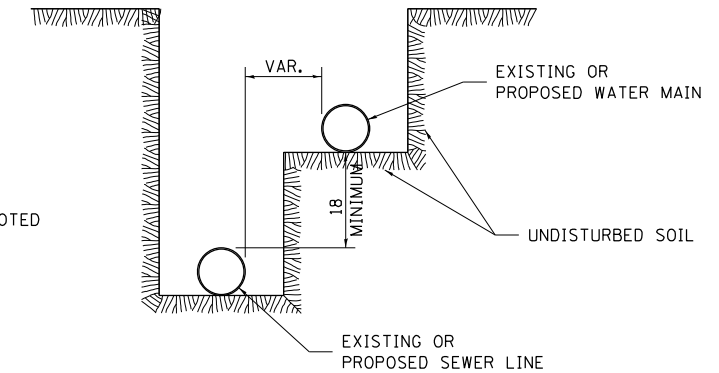
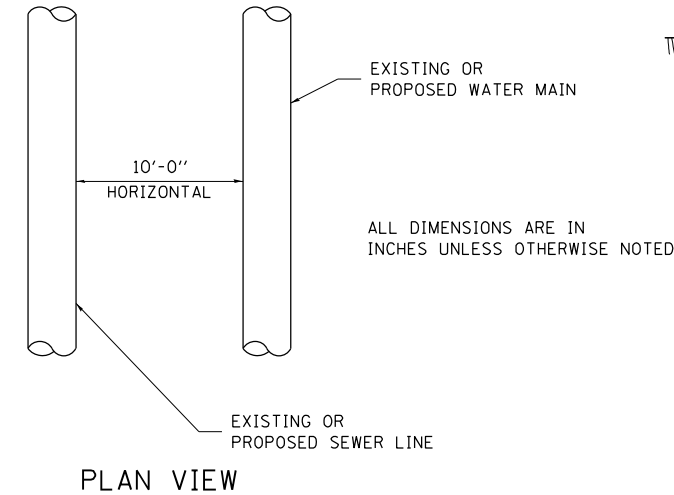
SEWER AND WATER MAIN CROSSINGS



THIS DETAIL IS FOR UNKNOWN UTILITIES UNLESS QUANTITIES ARE INCLUDED IN THE PLANS THE EXTRA WORK WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04.

WHEN PROPOSED SEWER (OR WATER) IS LOCATED 10'-0" OR MORE FROM EXISTING WATER (OR SEWER) NO SPECIAL CONSTRUCTION REQUIRED.

WHEN PROPOSED SEWER (OR WATER) IS LOCATED LESS THAN 10'-0" FROM EXISTING WATER (OR SEWER) DETAILS BELOW SHALL APPLY.

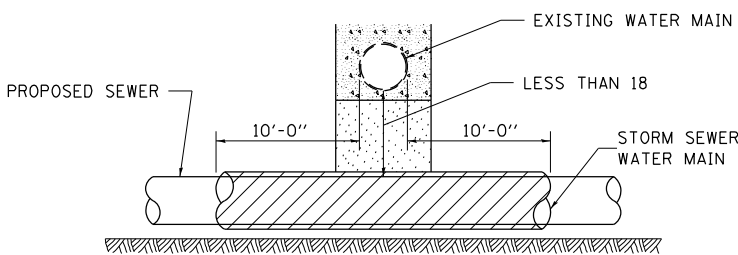


AT GRADE CROSSING OF SANITARY AND STORM SEWER

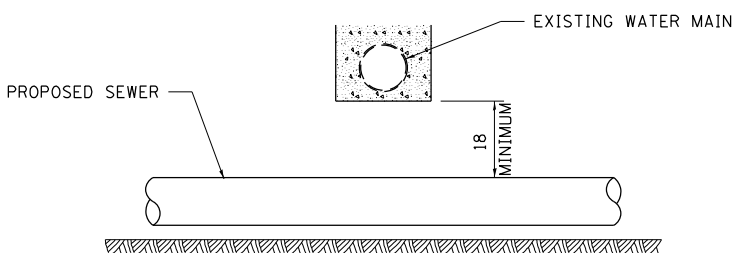
CASING SHALL BE CAST IRON WITH AN INSIDE DIAMETER 2" LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

POINT LOADS SHALL NOT BE ALLOWED BETWEEN SEWER OR SEWER CASING AND WATER MAIN
 PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH



PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH
 MAINTAIN 18 MINIMUM VERTICAL SEPARATION FOR 10 FT. HORIZONTALLY

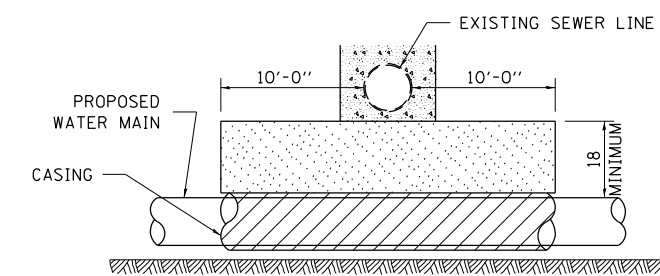


ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

PROPOSED SEWER LINE BELOW EXISTING WATER MAIN

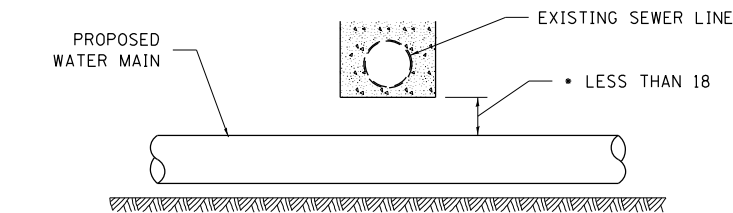
REVISED - 10-17-11

PROVIDE ADEQUATE SUPPORT FOR EXISTING SEWER LINE TO PREVENT DAMAGE DUE TO SETTLEMENT
 PLACE TRENCH BACKFILL FOR 10 FT. ON EITHER SIDE OF SEWER LINE



CASING SHALL BE CAST IRON WITH AN INSIDE DIAMETER 2" LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED

PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH
 MAINTAIN 18 MINIMUM VERTICAL SEPARATION FOR 10 FT. HORIZONTALLY

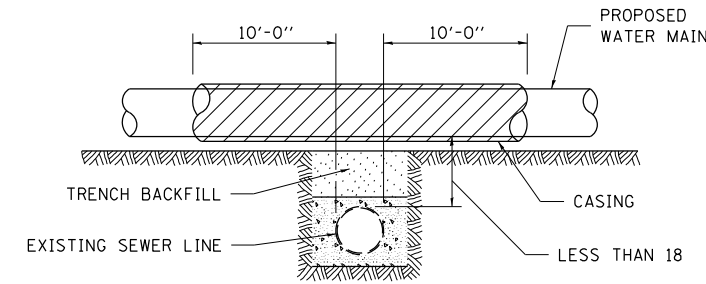


• NOT ALLOWED
 MUST MAINTAIN 18 VERTICAL SEPARATION

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

PROPOSED WATER MAIN BELOW EXISTING SEWER LINE

POINT LOADS SHALL NOT BE ALLOWED BETWEEN WATER MAIN OR WATER MAIN CASING AND SEWER

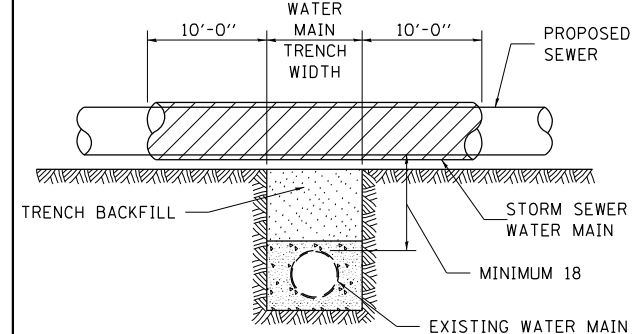


CASING SHALL BE CAST IRON WITH AN INSIDE DIAMETER 2" LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

PROPOSED WATER MAIN ABOVE EXISTING SEWER LINE

PROVIDE ADEQUATE SUPPORT FOR SEWER TO PREVENT SETTLING AND BREAKING THE WATER MAIN.



ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

EXISTING WATER MAIN BELOW PROPOSED SEWER LINE WITH MINIMUM 18 VERTICAL SEPARATION

SEWER AND WATER MAIN CROSSINGS 32.1

MODEL: PLOT08
 FILE NAME: Y:\PLOT08\1140-22_64G68\CADD\HIN\HIN\CADD_Sheets\0264G68-sh-cscah07.dwg



USER NAME = IRC	DESIGNED - KJK	REVISED -
ESCA PROJECT NO. 1140.22	DRAWN - KJK	REVISED -
PLOT SCALE = 0.1667' / in.	CHECKED - ELH	REVISED -
PLOT DATE = 8/4/2022	DATE - 06/19	REVISED -

DESIGNED - KJK	REVISED -
DRAWN - KJK	REVISED -
CHECKED - ELH	REVISED -
DATE - 06/19	REVISED -

DESIGNED - KJK	REVISED -
DRAWN - KJK	REVISED -
CHECKED - ELH	REVISED -
DATE - 06/19	REVISED -

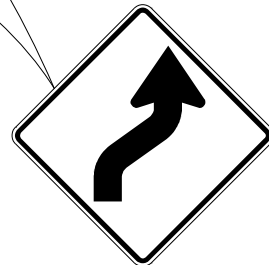
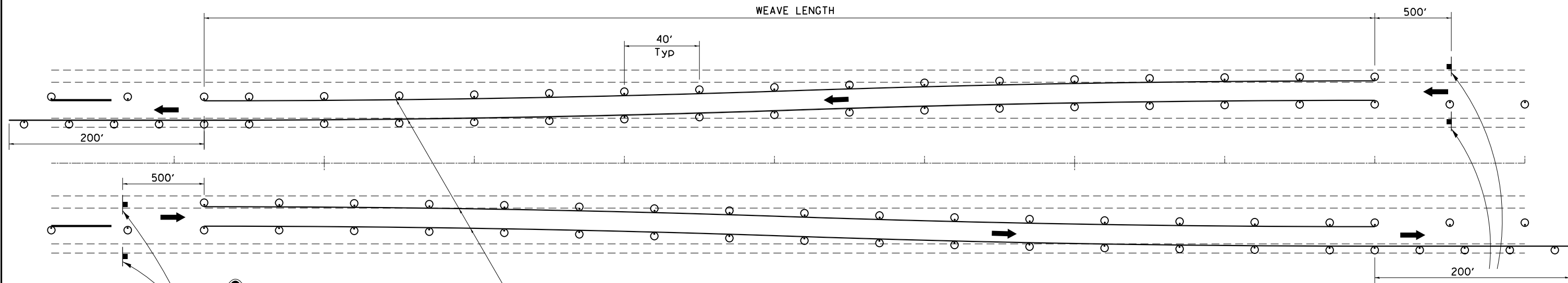
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARDS

SCALE: NONE	SHEET NO. 7 OF 16 SHEETS	STA.	TO STA.
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HR-3	WINNEBAGO	158	131
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

TRAFFIC CONTROL TYPICAL WEAVE

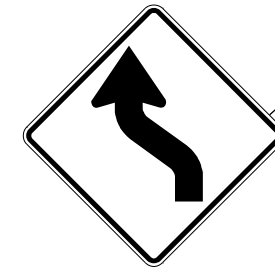


W1-4R(O)-48

Temporary Pavement Marking required if Typical Weave is used for 14 days or more.

SYMBOLS

- DRUM WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- SIGN



W1-4L(O)-48

GENERAL NOTES:

USE ON LONG 4-LANE PROJECTS WHERE THE CONTRACTOR MAY CHANGE A PORTION OF THE WORK TO THE OPPOSITE LANE.

USE WHERE THE PROJECT IS ADJACENT TO ANOTHER AND THE CONTRACTOR COULD BE WORKING ON DIFFERENT LANES.

TEMPORARY PAVEMENT MARKING SHALL BE USED WHEN TYPICAL WEAVE IS USED FOR 14 DAYS OR MORE.

TRAFFIC CONTROL TYPICAL WEAVE SHALL BE INCLUDED IN THE COST OF THE SPECIFIC TRAFFIC CONTROL STANDARDS OF ITEMS.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

STANDARD WEAVE CONDITIONS FOR DIFFERENT SPEED LIMITS

POSTED SPEED LIMIT	WEAVE LENGTH
65 MPH OR HIGHER	780 FT.
55 MPH	660 FT.
45 MPH	540 FT.

- REVISED - 1-05-16
- REVISED - 6-27-14
- REVISED - 8-27-13
- REVISED - 10-17-11

TRAFFIC CONTROL TYPICAL WEAVE 39.1

MODEL PLOT09
FILE NAME: Y:\PLOT09\1140-22_64G68\CADD\Hwy\CAAD_Sheets\0264G68-shc-cscah07.dgn



USER NAME = IRC	DESIGNED - KJK	REVISED -
ESCA PROJECT NO. 1140.22	DRAWN - KJK	REVISED -
PLOT SCALE = 0.1667' / in.	CHECKED - ELH	REVISED -
PLOT DATE = 8/4/2022	DATE - 06/19	REVISED -

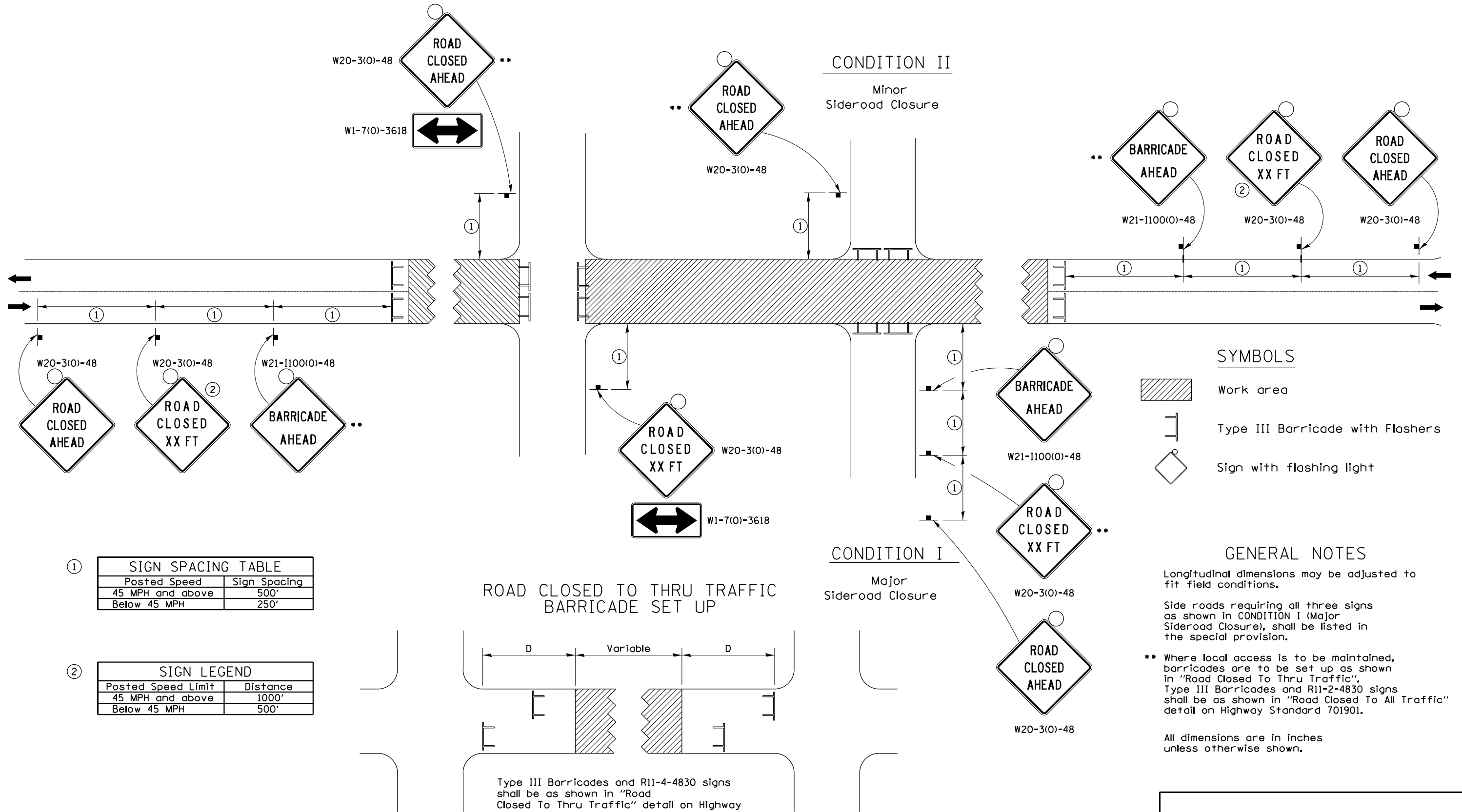
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARDS

SCALE: NONE SHEET NO. 8 OF 16 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	132
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

TRAFFIC CONTROL FOR ROAD 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.

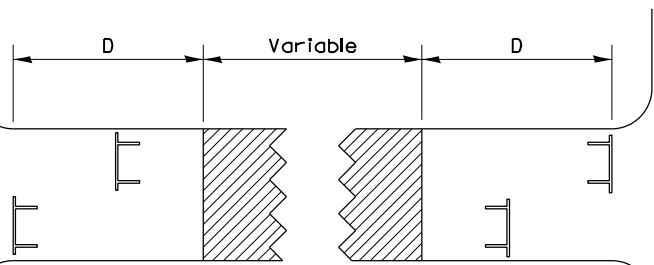
①

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.

TRAFFIC CONTROL FOR ROAD CLOSURE 40.1

TYPICAL APPLICATION FOR ROAD CLOSURE

MODEL: PLOT10
FILE NAME: Y:\PLOT11\40-22_64G68\CADD\Hwy\CAAD_Sheets\0264G68-shc-detailed.dwg

- REVISED - 8-03-17
- REVISED - 1-05-16
- REVISED - 8-27-13
- REVISED - 10-17-11



USER NAME = IRC
ESCA PROJECT NO. 1140.22
PLOT SCALE = 0.1667' / in.
PLOT DATE = 8/4/2022

DESIGNED - KJK
DRAWN - KJK
CHECKED - ELH
DATE - 06/19

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

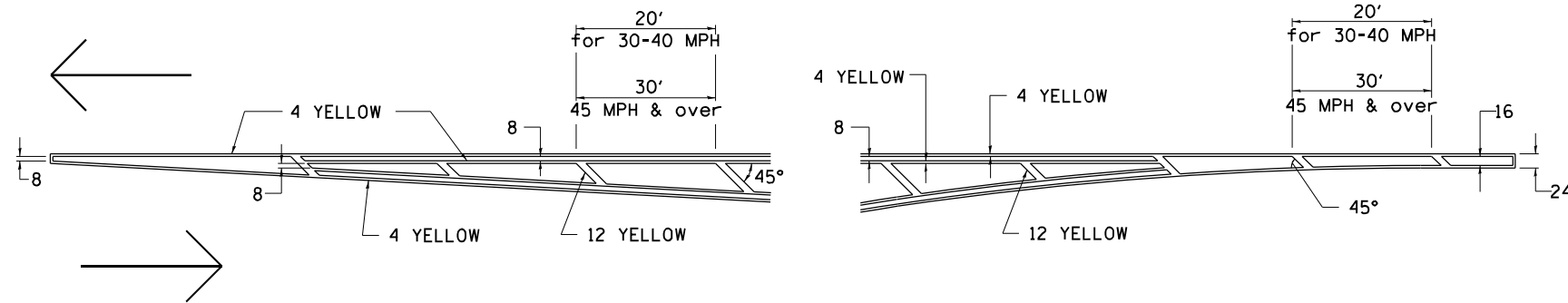
REGION 2 / DISTRICT 2 STANDARDS

SCALE: NONE SHEET NO. 9 OF 16 SHEETS STA. TO STA.

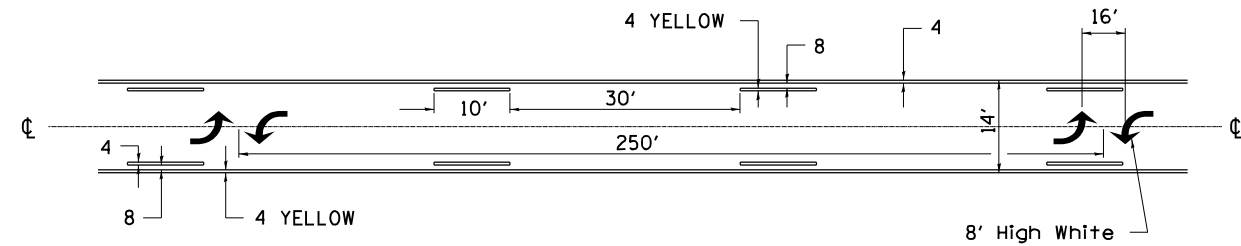
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HR-3	WINNEBAGO	158	133
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

TYPICAL PAVEMENT MARKINGS

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

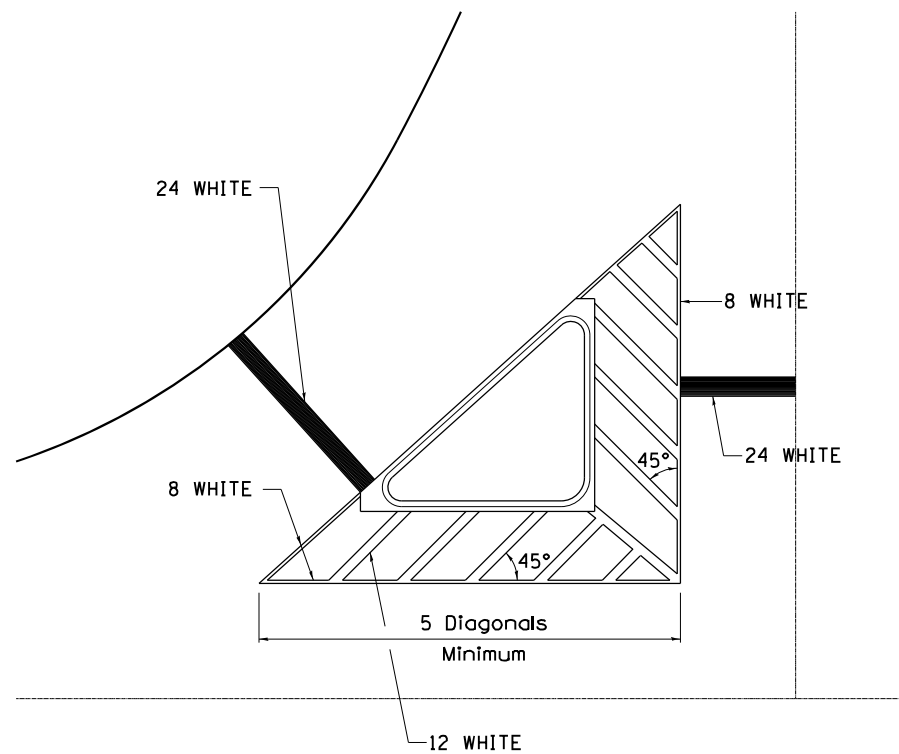


MEDIAN PAVEMENT MARKING



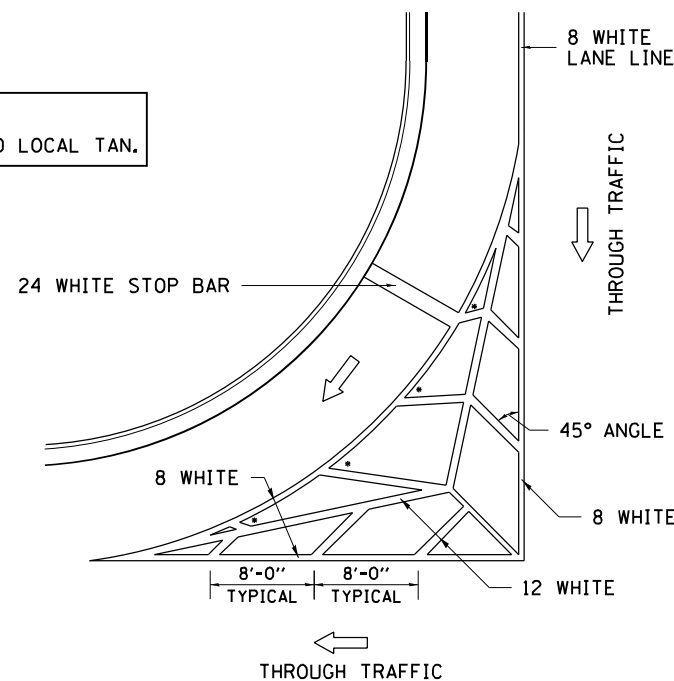
•• ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

TYPICAL ISLAND OFFSET SHOULDER WIDTH



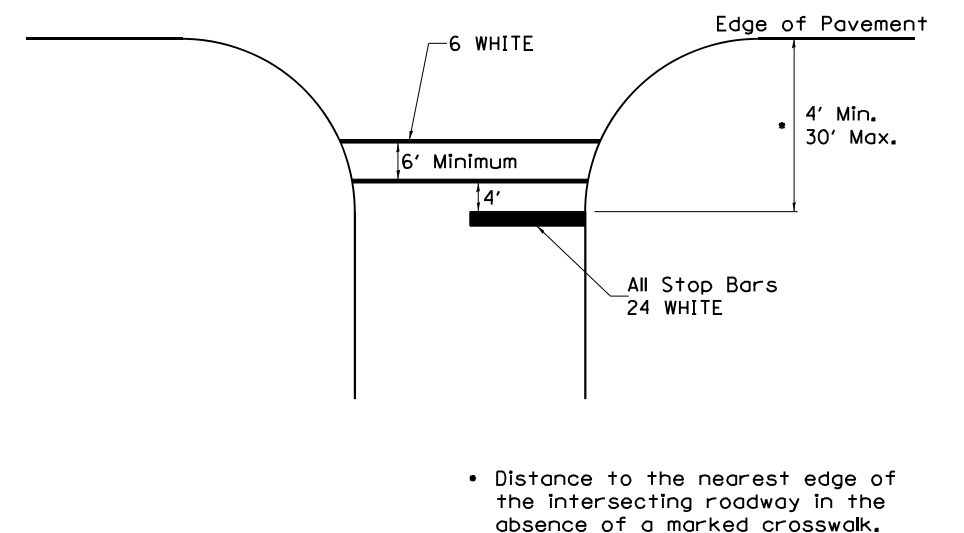
TYPICAL MARKING FOR PAINTED ISLANDS

NOTE:
* 45° TO LOCAL TAN.



STANDARD CROSSWALK MARKING

See Schedules for Locations



• Distance to the nearest edge of the intersecting roadway in the absence of a marked crosswalk.

REVISED - 6-27-14
REVISED - 3-05-12

MODEL: PLOT11
FILE NAME: Y:\PLOT11\40-22-64G68\CADD\Hwy\CAAD_Sheets\0264G68-sh-cscah07.dwg



USER NAME = IRC	DESIGNED - KJK	REVISED -
ESCA PROJECT NO. 1140.22	DRAWN - KJK	REVISED -
PLOT SCALE = 0.1667' / in.	CHECKED - ELH	REVISED -
PLOT DATE = 8/4/2022	DATE - 06/19	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

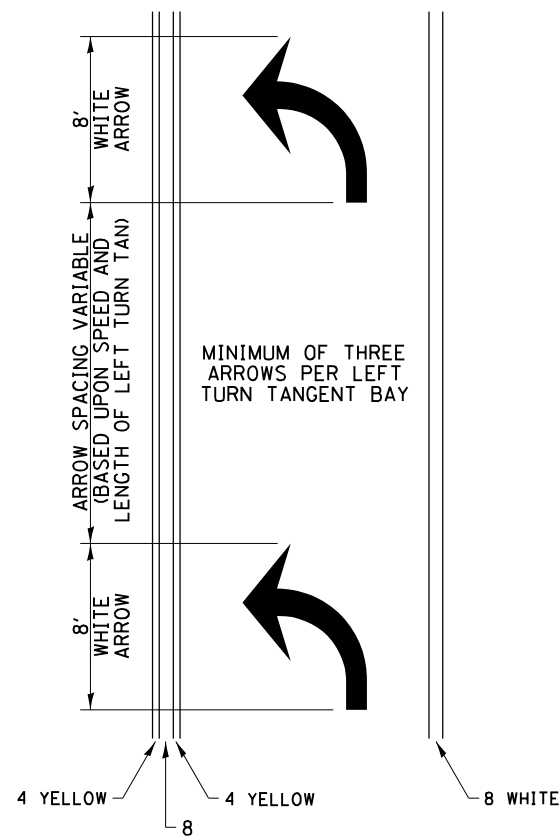
REGION 2 / DISTRICT 2 STANDARDS

SCALE: NONE SHEET NO. 10 OF 16 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	134
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

TYPICAL PAVEMENT MARKINGS

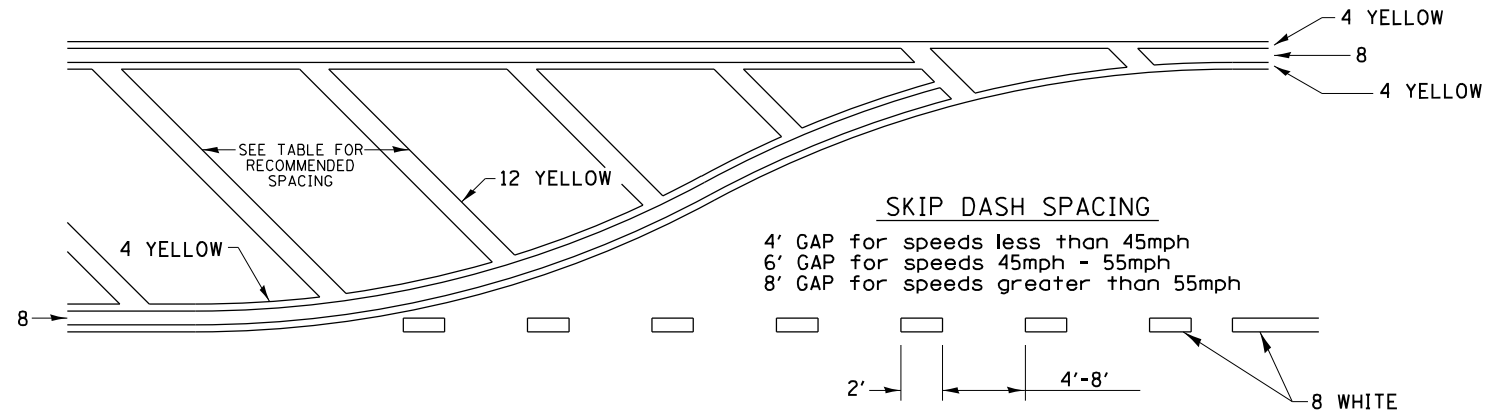
ARROW LAYOUT



- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER
- ◆ TWO-WAY AMBER MARKER

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

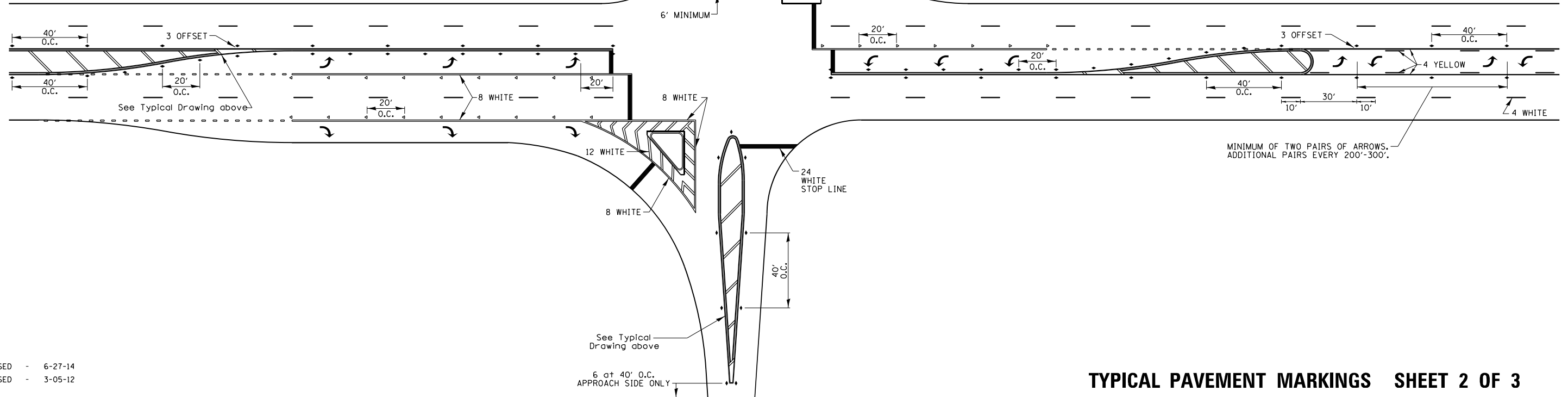
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



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.



REVISED - 6-27-14
REVISED - 3-05-12

MODEL: PLOT12
FILE NAME: Y:\PLOT1140-22_64G68\CADD\Hwy\CADD_Sheets\0264G68-sh-csca\07.dwg



USER NAME = IRC
ESCA PROJECT NO. 1140.22
PLOT SCALE = 0.1667' / in.
PLOT DATE = 8/4/2022

DESIGNED - KJK
DRAWN - KJK
CHECKED - ELH
DATE - 06/19

REVISED -
REVISED -
REVISED -
REVISED -

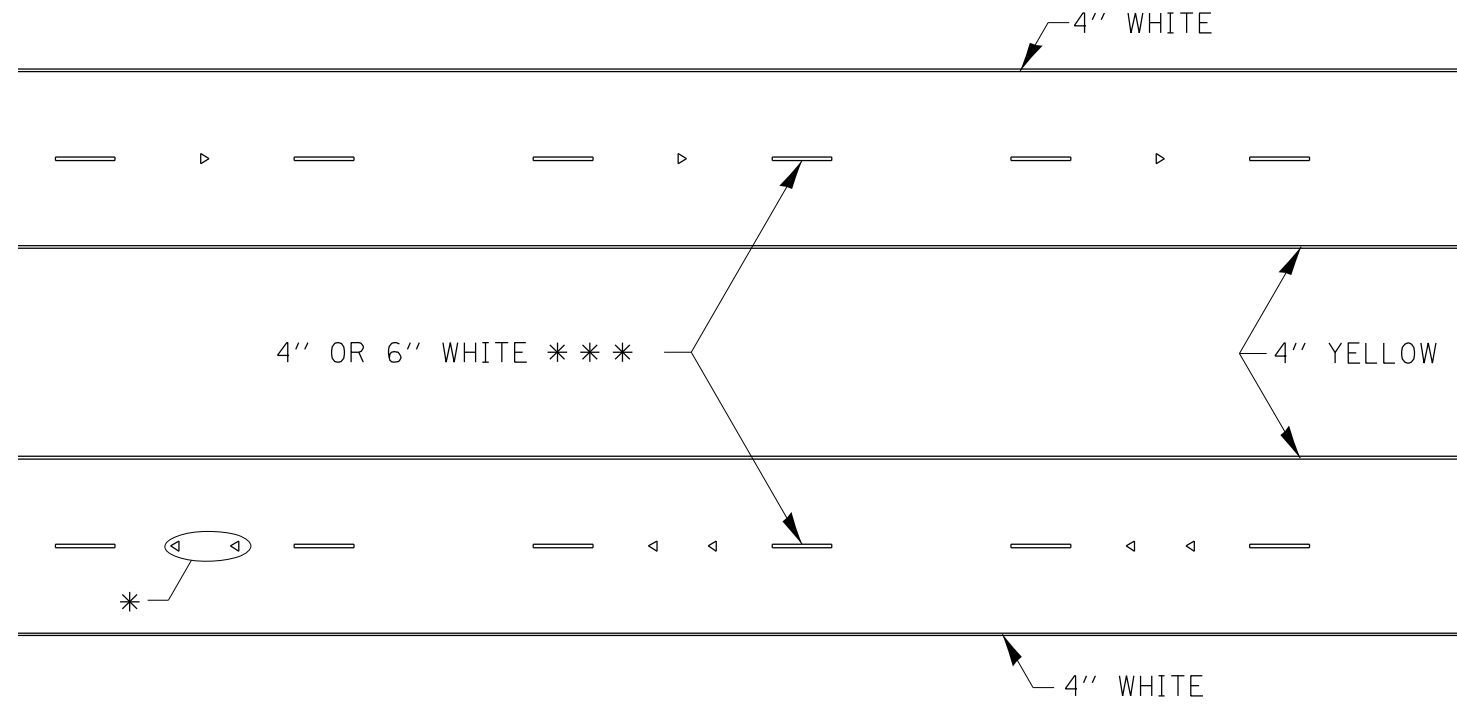
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARDS

SCALE: NONE SHEET NO. 11 OF 16 SHEETS STA. TO STA.

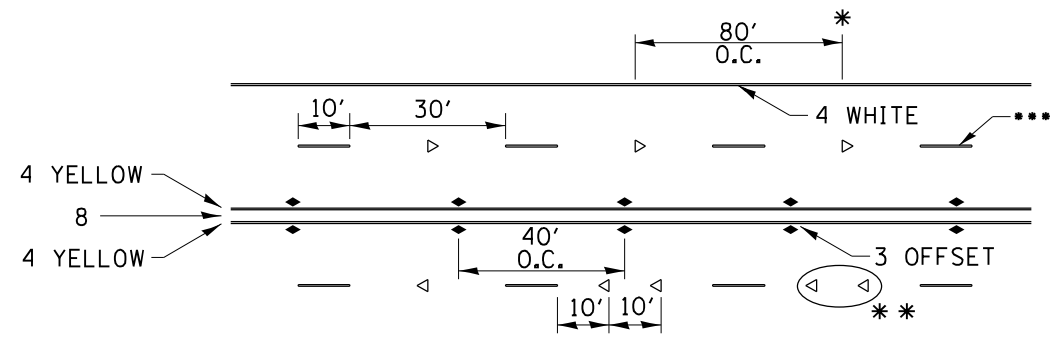
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HR-3	WINNEBAGO	158	135
			CONTRACT NO. 64G68	
ILLINOIS FED. AID PROJECT				

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.

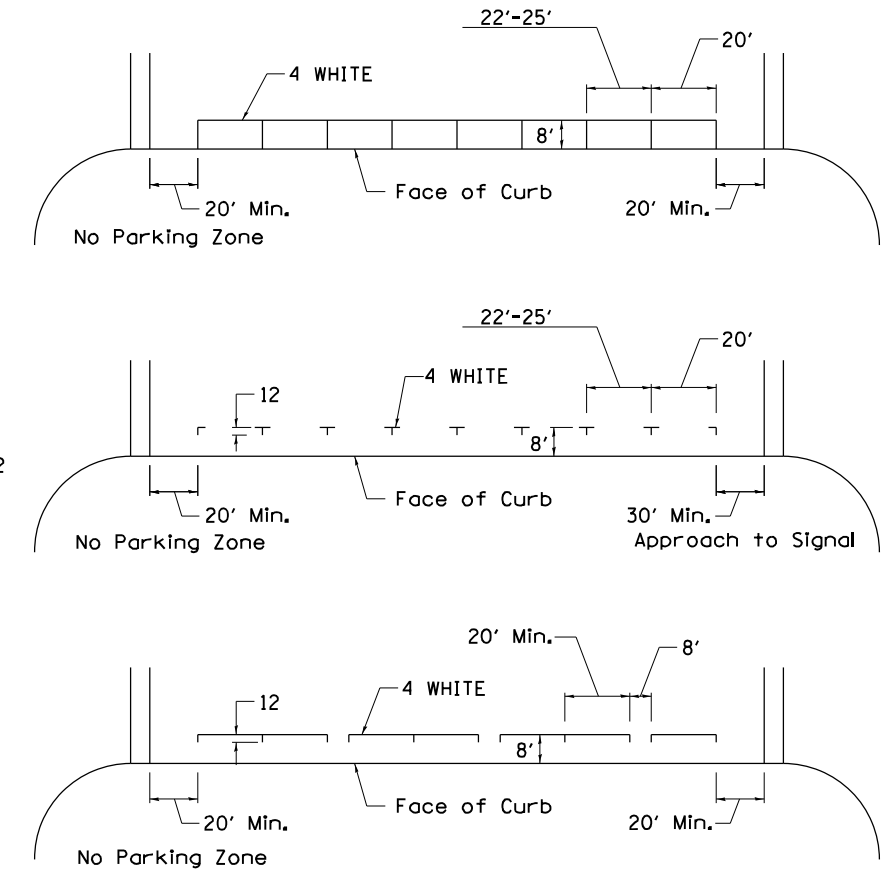
•• USE DOUBLE MARKERS WHEN ADT ≥ 20,000

••• CENTERLINE SKIP DASH PAVEMENT MARKING SPEED LIMIT LESS THAN 40 MPH USE 4" LINE. SPEED LIMIT 40 MPH AND OVER USE 6" LINE.

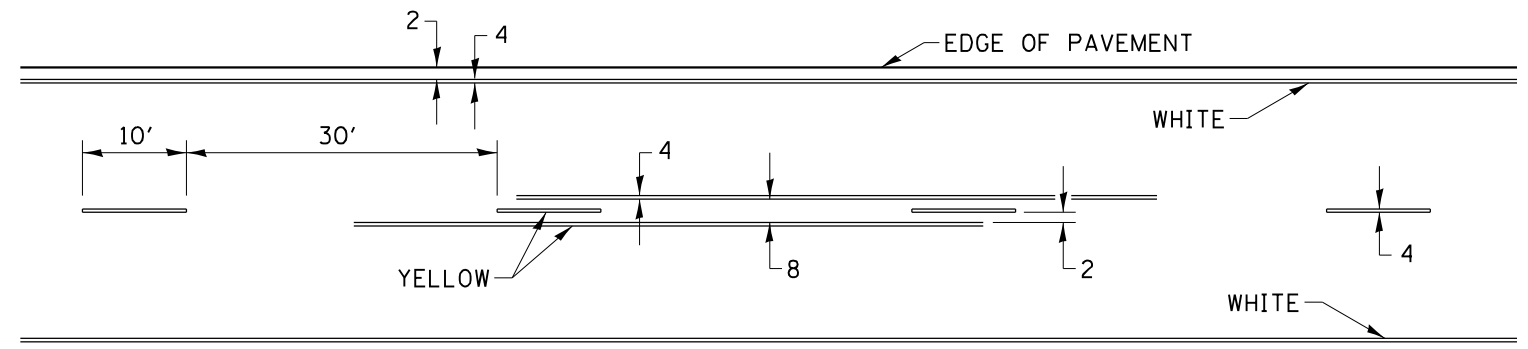
MULTI-LANE / UNDIVIDED & ONE WAY

(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



MODEL: PLOT13
FILE NAME: Y:\PROJECTS\1140-22-64G68\CADD\Highway\CADD_Sheets\0264G68-shc-csah07.dwg

REVISED 6-27-14
REVISED 8-27-13
REVISED 11-28-12



USER NAME = IRC	DESIGNED - KJK	REVISED -
ESCA PROJECT NO. 1140.22	DRAWN - KJK	REVISED -
PLOT SCALE = 0.1667' / in.	CHECKED - ELH	REVISED -
PLOT DATE = 8/4/2022	DATE - 06/19	REVISED -

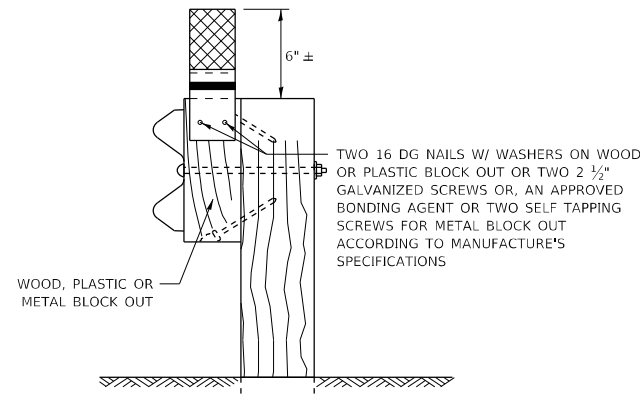
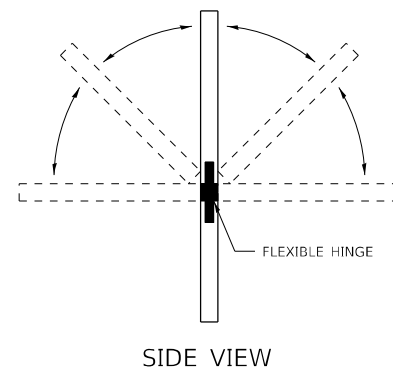
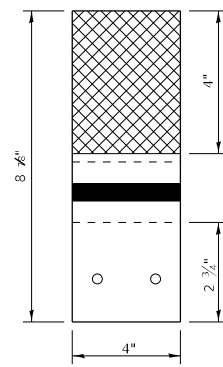
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARDS

SCALE: NONE SHEET NO. 12 OF 16 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	136
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

GUARDRAIL REFLECTORS, TYPE C (SPECIAL)

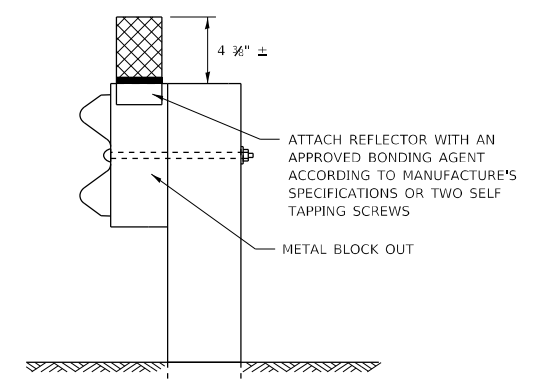
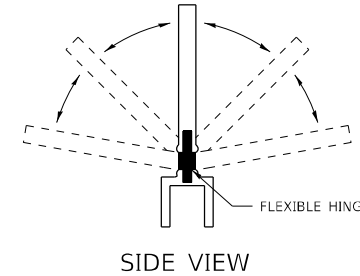
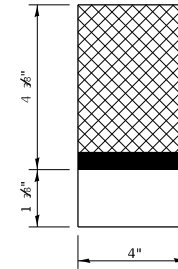


MOUNTED ON A WOOD OR PASTIC GUARDRAIL BLOCK OUT

REFLECTORS SHALL BE MOUNTED DIRECTLY TO WOOD OR PLASTIC BLOCK OUTS.

REFLECTORS MOUNTED ON WOODEN OR PLASTIC BLOCK OUT SHALL BE MOUNTED USING TWO 16 DG NAILS AND TWO 3/16" WASHERS OR TWO 2 1/2" GALVANIZED SCREWS WITH WASHERS.

REFLECTORS MOUNTED ON WOOD OR PLASTIC GUARDRAIL BLOCK OUT



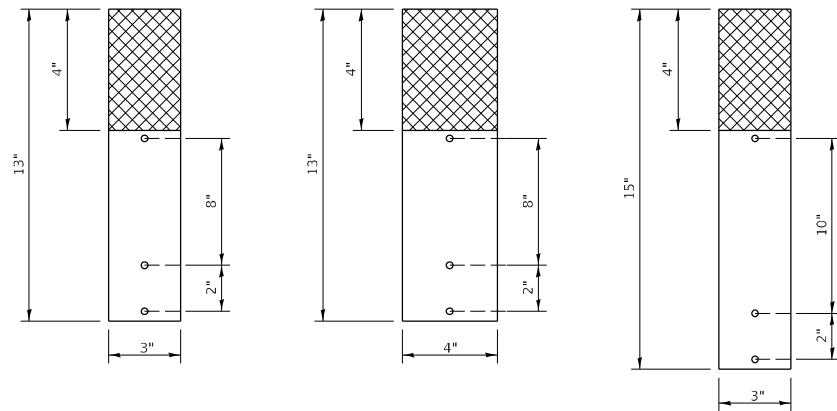
MOUNTED ON A METAL GUARDRAIL BLOCK OUT

REFLECTORS SHALL BE MOUNTED DIRECTLY TO METAL BLOCK OUT.

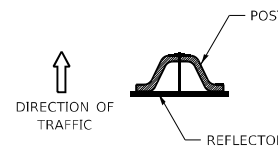
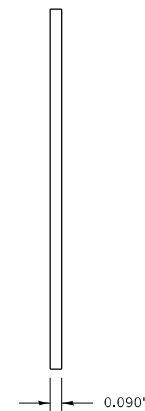
REFLECTORS MOUNTED ON METAL BLOCK OUT SHALL BE MOUNTED USING AN APPROVED BONDING AGENT PER THE MANUFACTURE'S SPECIFICATIONS OR TWO SELF TAPPING GALVANIZED SCREWS WITH WASHERS.

REFLECTORS MOUNTED ON METAL GUARDRAIL BLOCK OUT

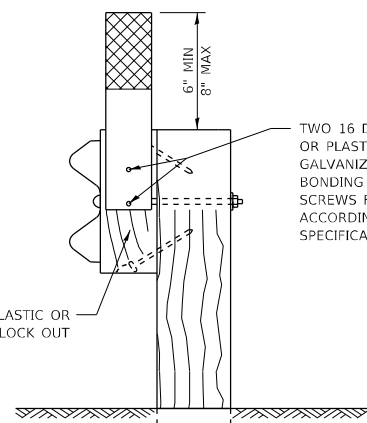
STRAIGHT GUARDRAIL / DELINEATOR REFLECTOR



SIDE VIEW



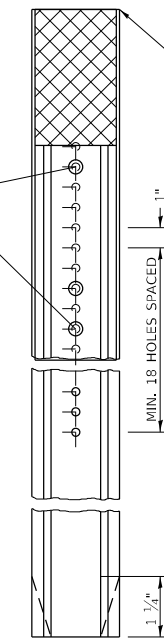
DELINEATORS SHALL BE INSTALLED ACCORDING TO STANDARD 635001 EXCEPT THAT THE POST SHALL BE ROTATED 180°. THE POST WILL HAVE THE WIDE SIDE FACING TRAFFIC AND THE REFLECTOR ATTACHED AS SHOWN ABOVE.



MOUNTED ON A WOOD OR PASTIC GUARDRAIL BLOCK OUT

ADDITIONAL SHEETING MAY BE ADDED AS NEEDED FOR TURN AROUNDS AS SHOWN IN THE PLANS

10/24 X 1 1/2" BOLTS WITH WASHERS AND NUT (ADDITIONAL HOLES MAY BE DRILLED AS NEEDED)



MOUNTED ON A DELINEATOR POST

NOTE:

REFLECTORS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR GUARDRAIL REFLECTORS, TYPE C (SPECIAL), WHICH PRICE SHALL ALSO INCLUDE SCREWS/NAILS, WASHERS OR BONDING AGENT.

REFLECTORS INSTALLED ON TWO LANE ROADS SHALL BE DOUBLE SIDED AND BOTH SIDES SHALL BE CRYSTAL.

REFLECTORS INSTALLED ON DIVIDED HIGHWAYS SHALL BE SINGLE SIDED CRYSTAL.

SHEETING COLOR SHALL BE CALLED OUT IN THE PLANS.

SPACING FOR REFLECTORS SHALL BE ACCORDING TO STANDARD 782006 UNLESS OTHERWISE NOTED IN THE PLANS.

REFLECTORS MOUNTED ON GUARDRAIL SHALL BE 4" WIDE.

REFLECTORS MOUNTED ON DELINEATOR POST SHALL BE 3" WIDE.

GUARDRAIL REFLECTORS, TYPE C (SPECIAL) 55.1

MODEL: PLOT13A
FILE NAME: Y:\DOT\1140-22-64G68\CADD\Hwy\CAAD Sheets\0264G68-sh-csah07.dwg



USER NAME = IRC	DESIGNED - IRC
ESCA PROJECT NO. 1140.22	DRAWN - IRC
PLOT SCALE = 0.1667 1 / in.	CHECKED - ELH
PLOT DATE = 8/4/2022	DATE - 07/22

DESIGNED - IRC	REVISED -
DRAWN - IRC	REVISED -
CHECKED - ELH	REVISED -
DATE - 07/22	REVISED -

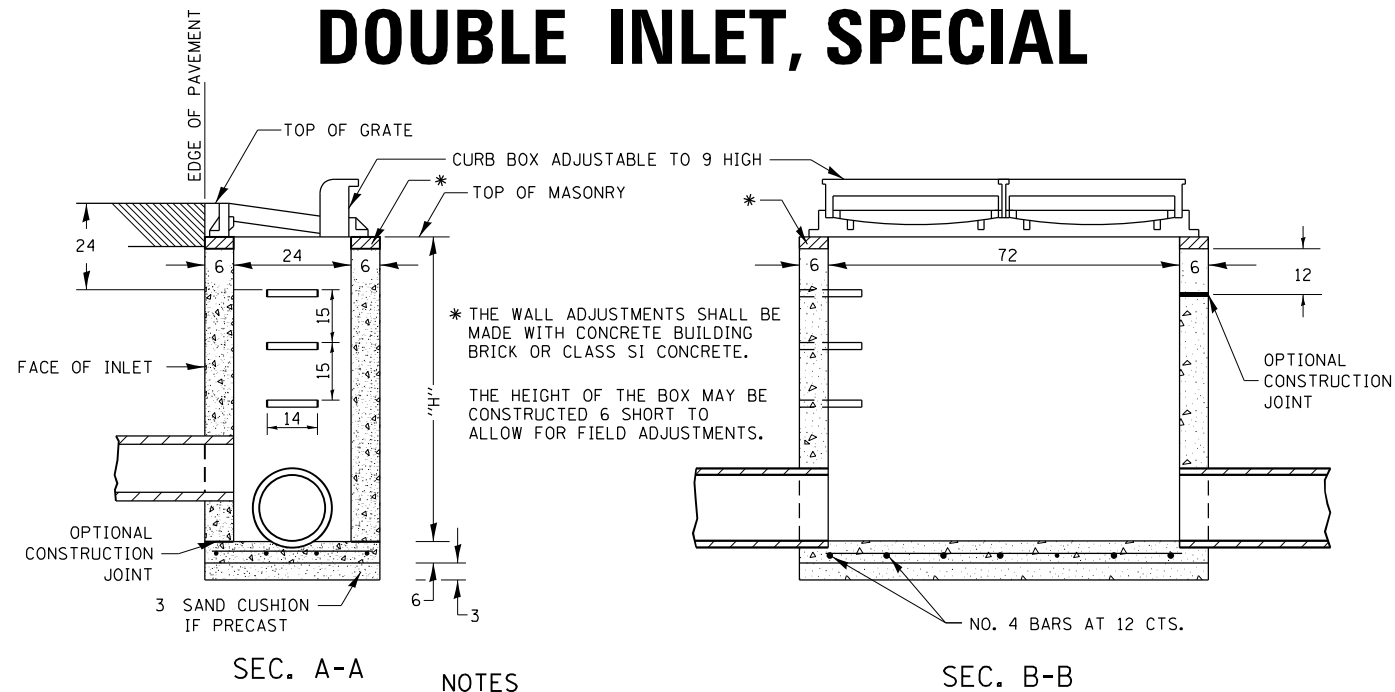
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARDS

SCALE: NONE SHEET NO. 13 OF 16 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HR-3	WINNEBAGO	158	137
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

DOUBLE INLET, SPECIAL



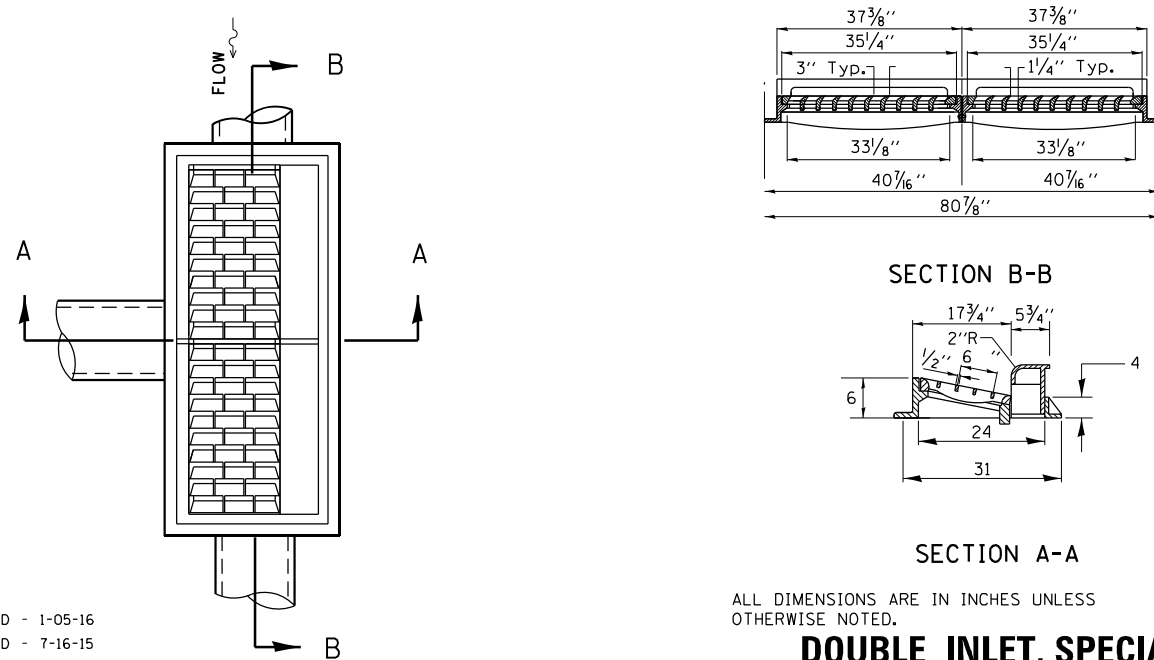
SEC. A-A

SEC. B-B

NOTES

- SEE STANDARD 602701 FOR DETAILS OF STEPS.
- EXCEPT AS NOTED HEREON DOUBLE INLET SPECIAL SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS.
- THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTED SECTIONS.
- ALL VOIDS AROUND PIPE ENTRANCE, BOTH INSIDE AND OUTSIDE, SHALL BE SEALED WITH MORTAR. R-3295-2 DOUBLE UNIT OR EQUIVALENT.
- STEPS SHALL BE OMITTED WHEN DEPTH OF "H" IS LESS THAN 5 FOOT.
- CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED THROUGHOUT. PRECAST CONCRETE SHALL BE IN ACCORDANCE WITH ARTICLES 504.01 THRU 504.05 OF THE STANDARD SPECIFICATIONS EXCEPT THAT CONCRETE STRENGTH SHALL BE 4,000 PSI AFTER 28 DAYS.
- CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED THROUGHOUT. THE CONTRACT UNIT PRICE EACH FOR INLET SPECIAL SHALL INCLUDE THE COST OF CONSTRUCTING THE INLET BOX, FURNISHING AND INSTALLING THE FRAME AND GRATE, THE STEPS (IF USED), THE PRECAST FLOOR SLABS, SAND CUSHION (WHEN USED) AND REINFORCEMENT BARS.

DETAIL OF FRAME & GRATE



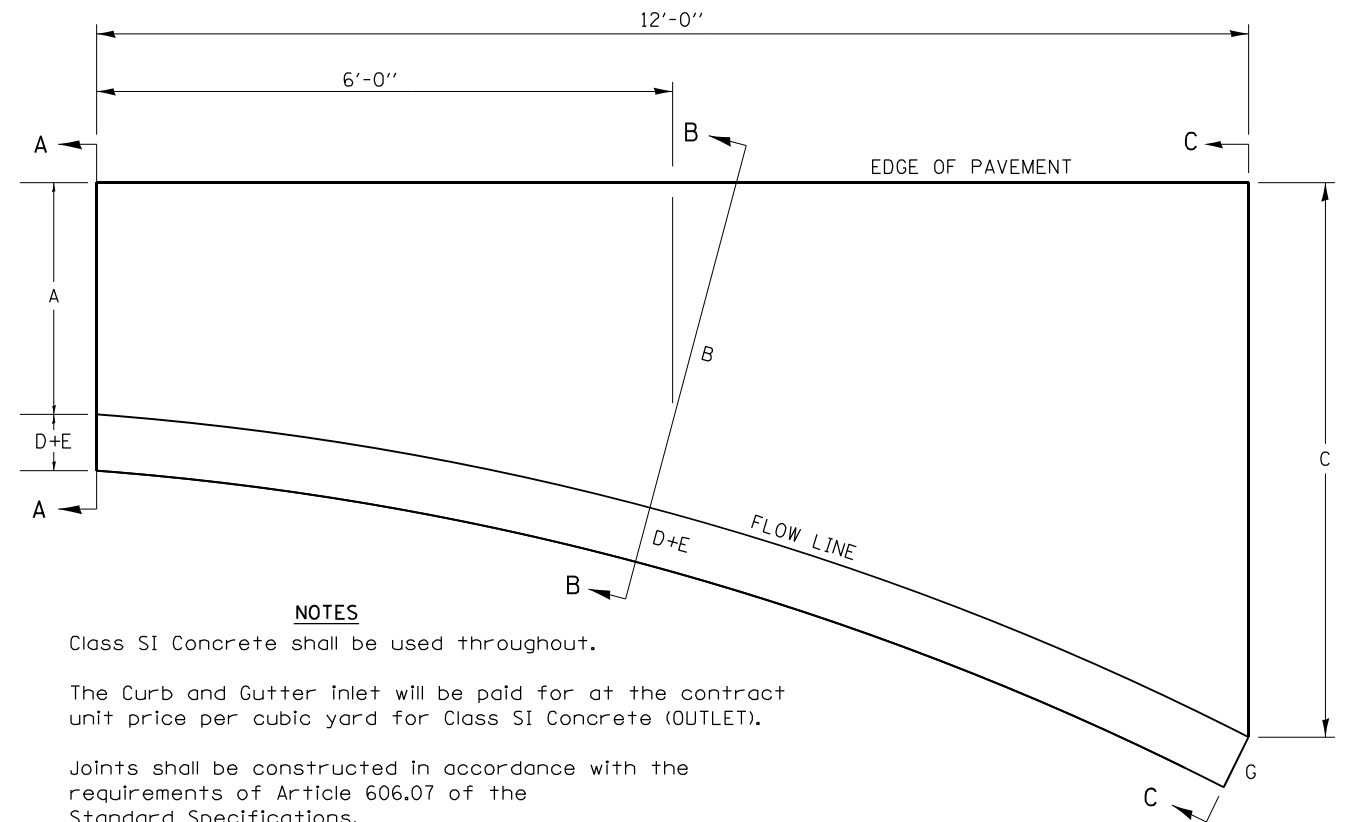
SECTION B-B

SECTION A-A

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

DOUBLE INLET, SPECIAL 12.2

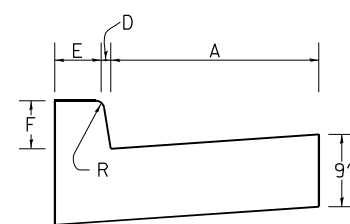
STANDARD INLET FOR CURB & GUTTER



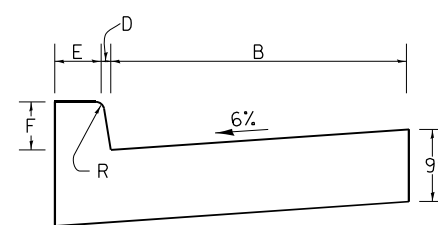
NOTES

- Class SI Concrete shall be used throughout.
- The Curb and Gutter inlet will be paid for at the contract unit price per cubic yard for Class SI Concrete (OUTLET).
- Joints shall be constructed in accordance with the requirements of Article 606.07 of the Standard Specifications.
- When curb and gutter is constructed adjacent to flexible pavement, a 1" expansion joint shall be installed at construction joints.
- All dimensions are in inches unless otherwise noted.

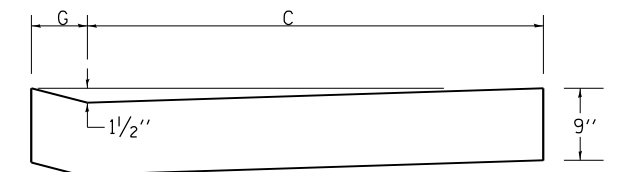
TYPE OF CURB & GUTTER	TABLE OF DIMENSIONS									CONCRETE QUANTITY A-A TO C-C (CU YDS)
	A	B	C	D	E	F	G	R		
B-6.06	6	15	4'	1	6	6	7	1	0.87	
B-6.12	12	18.25	4'	1	6	6	7	1	0.95	
B-6.18	18	27.25	4' 9"	1	6	6	7	1	1.18	
B-6.24	24	32.4	4' 9"	1	6	6	7	1	1.30	
M-4.06	6	17.8	3' 9"	4	3	4	7	3	0.75	
M-4.12	12	18.25	4'	4	3	4	7	3	0.91	
M-4.18	18	27.25	4' 9"	4	3	4	7	3	1.14	
M-4.24	24	32.4	4' 9"	4	3	4	7	3	1.25	
M-6.06	6	17.8	3' 9"	6	2	6	8	3	0.86	
M-6.12	12	18.25	4'	6	2	6	8	2	0.96	
M-6.18	18	27.25	4' 9"	6	2	6	8	2	1.20	
M-6.24	24	32.4	4' 9"	6	2	6	8	2	1.30	



SECTION A-A



SECTION B-B



SECTION C-C

STANDARD INLET FOR CURB & GUTTER 21.2

MODEL: PLOT11; FILE NAME: Y:\PLOT11\40-22_64G68\CADD\HBR\40-22_64G68\CADD\HBR\40-22_64G68-sh-curb.rvt

REVISED - 1-05-16
REVISED - 7-16-15
REVISED - 10-13-11



USER NAME = IRC
ESCA PROJECT NO. 1140.22
PLOT SCALE = 0.1667' / in.
PLOT DATE = 8/4/2022

DESIGNED - KJK
DRAWN - KJK
CHECKED - ELH
DATE - 04/22

REVISED -
REVISED -
REVISED -
REVISED -

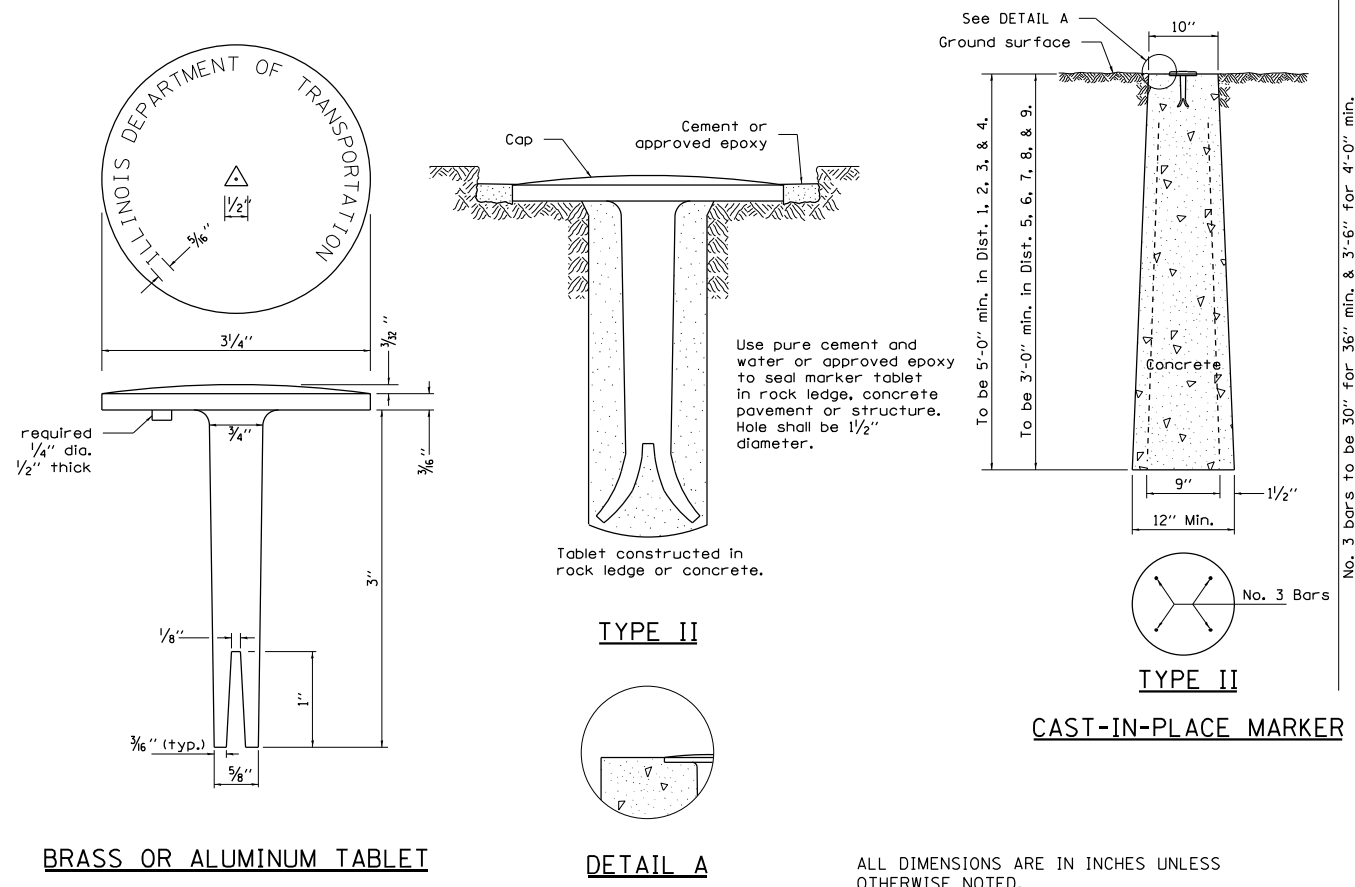
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARDS

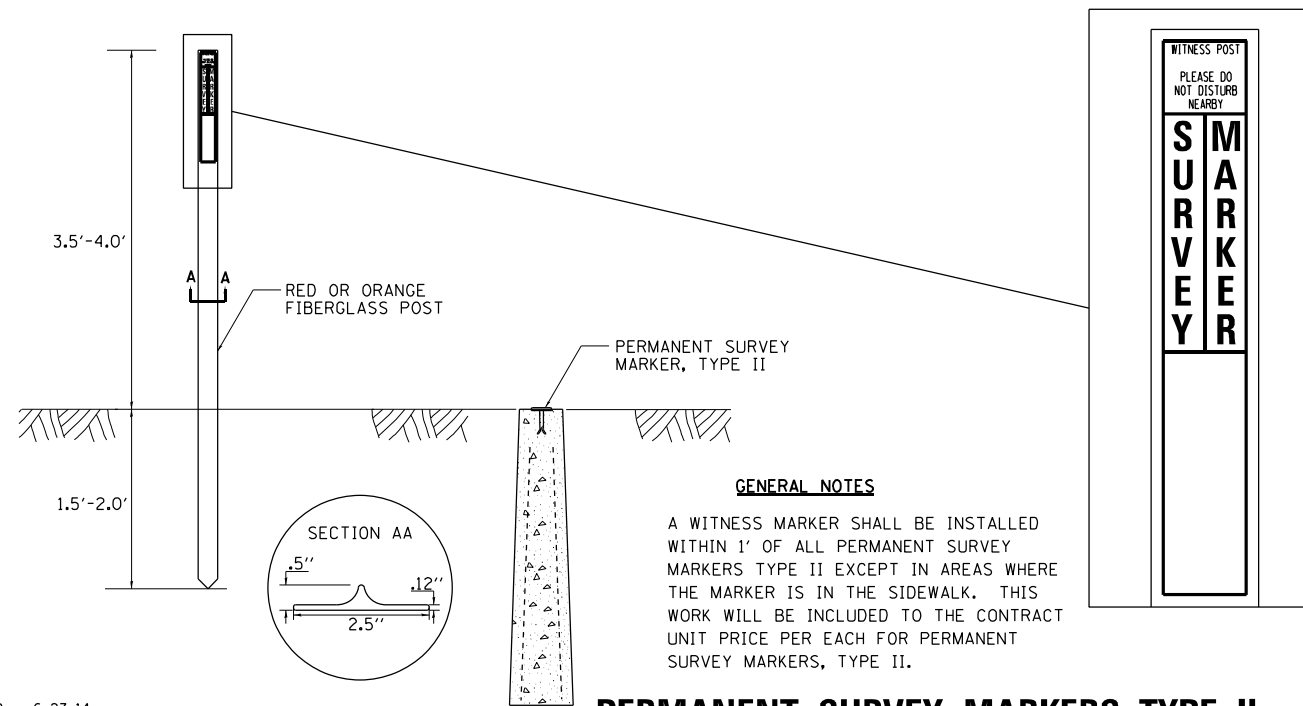
SCALE: NONE SHEET NO. 14 OF 16 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	138
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

PERMANENT SURVEY MARKERS, TYPE II



WITNESS MARKER FOR PERMANENT SURVEY MARKERS, TYPE II



PERMANENT SURVEY MARKERS, TYPE II 66.2

REVISED - 6-27-14
REVISED - 10-14-11

MODEL: PLOT16
FILE NAME: Y:\PLOT1140-22_64G68\CADD\HIN\HIN\CADD_Sheets\0264668-shc-csca\07.dgn



USER NAME = IRC
ESCA PROJECT NO. 1140.22
PLOT SCALE = 0.1667' / in.
PLOT DATE = 8/4/2022

DESIGNED - KJK
DRAWN - KJK
CHECKED - ELH
DATE - 06/19

REVISED -
REVISED -
REVISED -
REVISED -

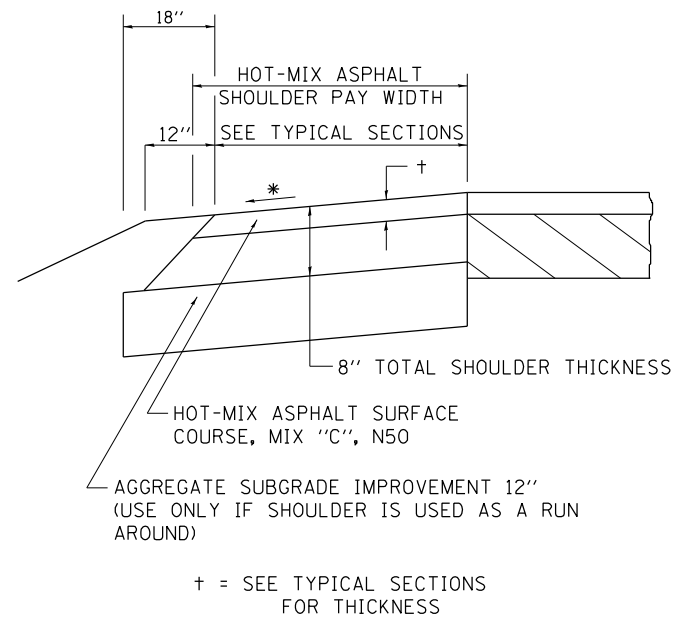
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARDS

SCALE: NONE SHEET NO. 15 OF 16 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	139
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

HOT-MIX ASPHALT SHOULDER



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.

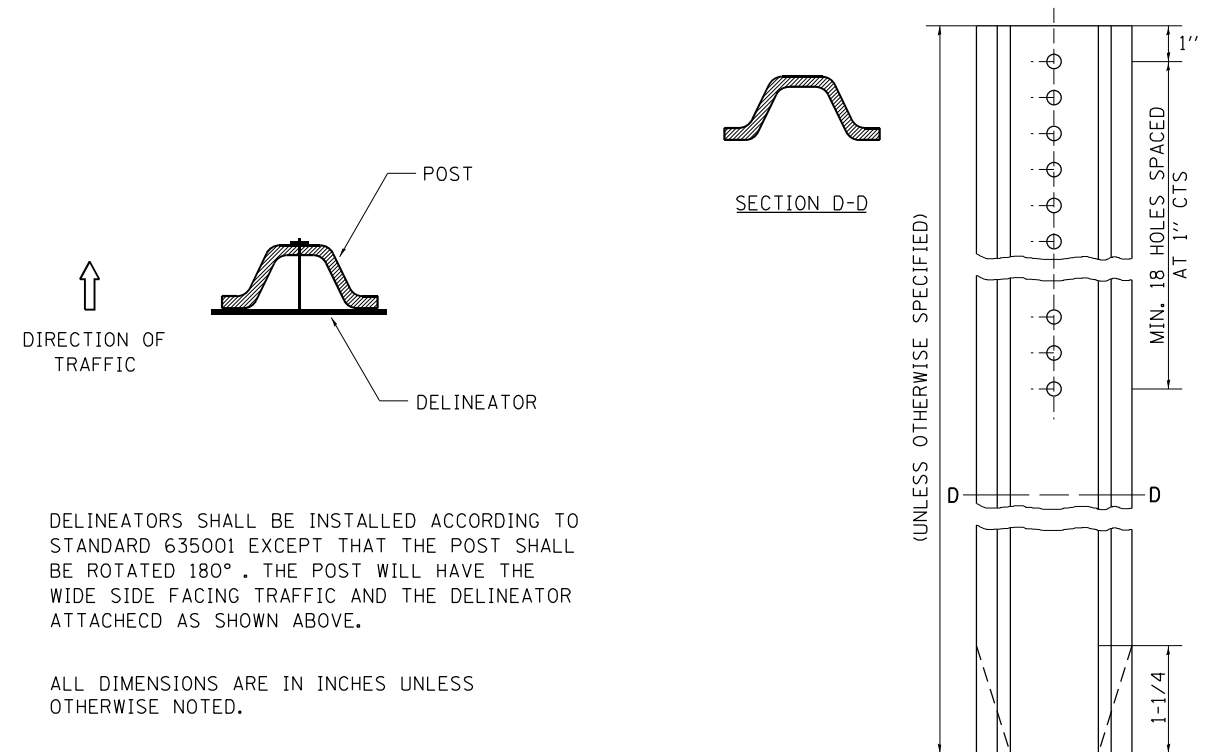
REMOVAL OF MATERIAL FOR PLACEMENT OF THE HOT-MIX ASPHALT SHOULDER TO BE PAID FOR IN UNITS FOR EXCAVATING AND GRADING EXISTING SHOULDERS OR IN CUBIC YARDS FOR EARTH EXCAVATION OR EARTH EXCAVATION WIDENING.

* 4% WHEN MAINLINE IS ON TANGENT. FOR CROSS SLOPE ON SUPERELEVATION SECTION, SEE HIGHWAY STANDARD 482001 OR 482006.

REVISED - 1-05-16
REVISED - 3-13-13

HOT-MIX ASPHALT SHOULDER 22.4

DELINEATOR AND POST ORIENTATION



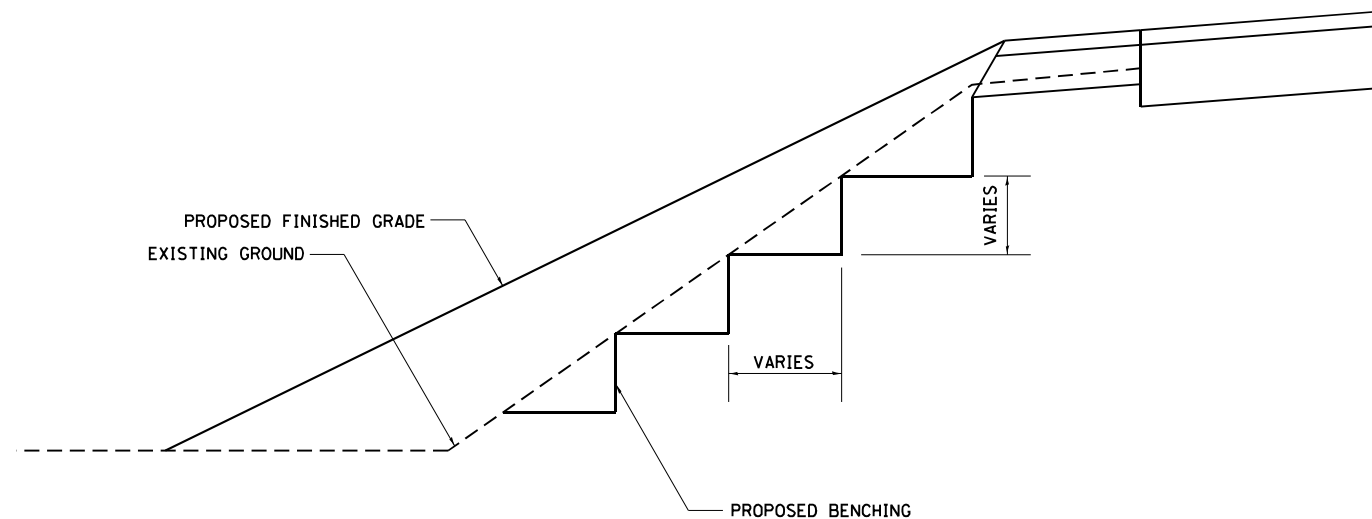
DELINEATORS SHALL BE INSTALLED ACCORDING TO STANDARD 635001 EXCEPT THAT THE POST SHALL BE ROTATED 180°. THE POST WILL HAVE THE WIDE SIDE FACING TRAFFIC AND THE DELINEATOR ATTACHED AS SHOWN ABOVE.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 10-03-11

DELINEATOR AND POST ORIENTATION 37.4

TYPICAL BENCHING ON EXISTING EMBANKMENT



REVISED - 2-22-06

TYPICAL BENCHING ON EXISTING EMBANKMENT 50.4

MODEL: PLOT17
FILE NAME: Y:\J01011140-22_64G68\CADD\Highway\CADD Sheets\0264G68-shc-csca1807.dgn



USER NAME = IRC
ESCA PROJECT NO. 1140.22
PLOT SCALE = 0.1667' / in.
PLOT DATE = 8/4/2022

DESIGNED - KJK
DRAWN - KJK
CHECKED - ELH
DATE - 06/19

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REGION 2 / DISTRICT 2 STANDARDS

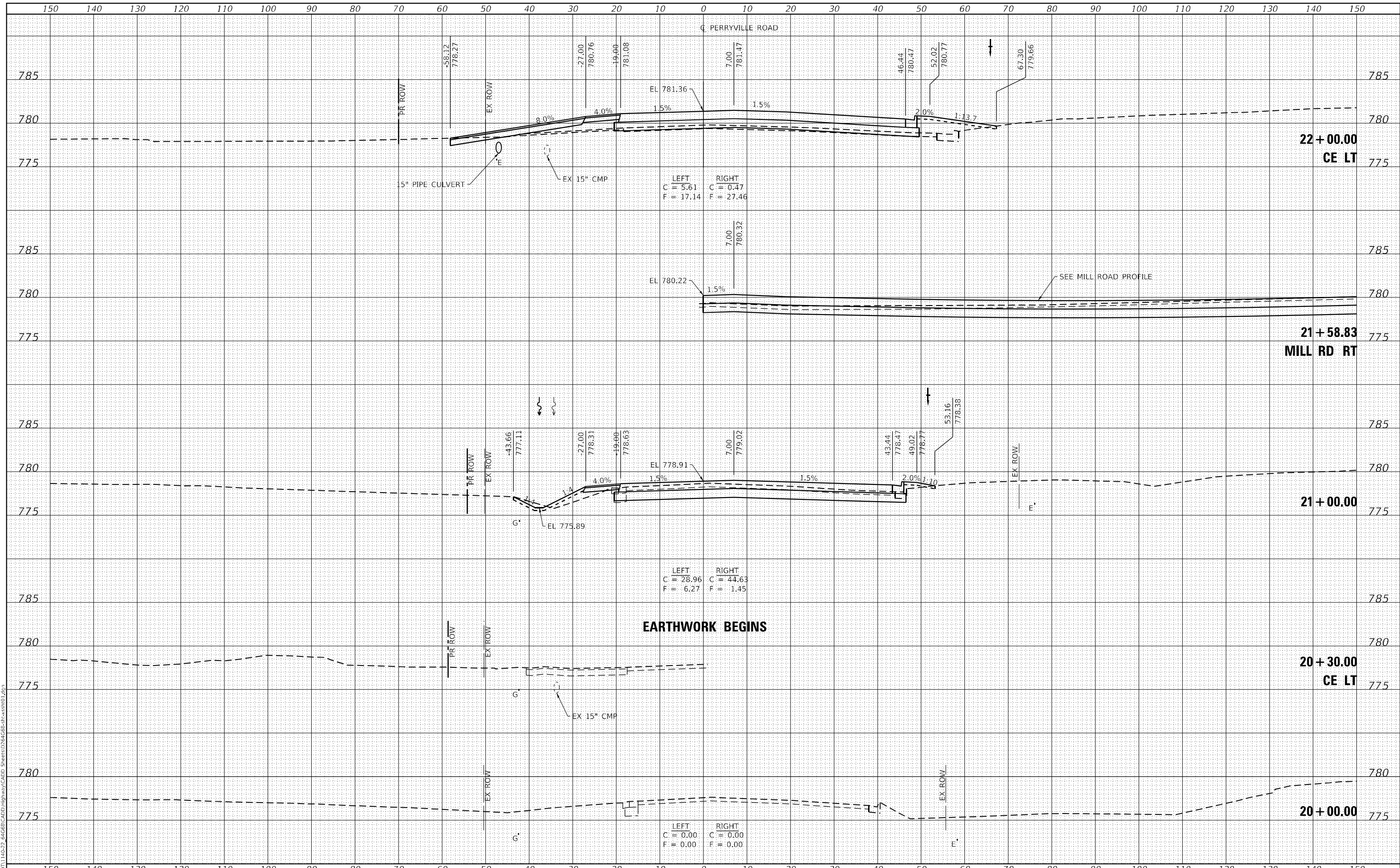
SCALE: NONE SHEET NO. 16 OF 16 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	140
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

MODEL: Definit
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PERRYVILLE ROAD CROSS SECTIONS

USER NAME = IRC	DESIGNED - ELH	REVISED -
ESCA PROJECT NO. 1140,22	DRAWN - KAH	REVISED -
PLOT SCALE = 20,0000' / in.	CHECKED - ELH	REVISED -
PLOT DATE = 8/4/2022	DATE - 07/22	REVISED -

SCALE: AS SHOWN SHEET NO. 1 OF 12 SHEETS STA. 20+00.00 TO STA. 22+00.00

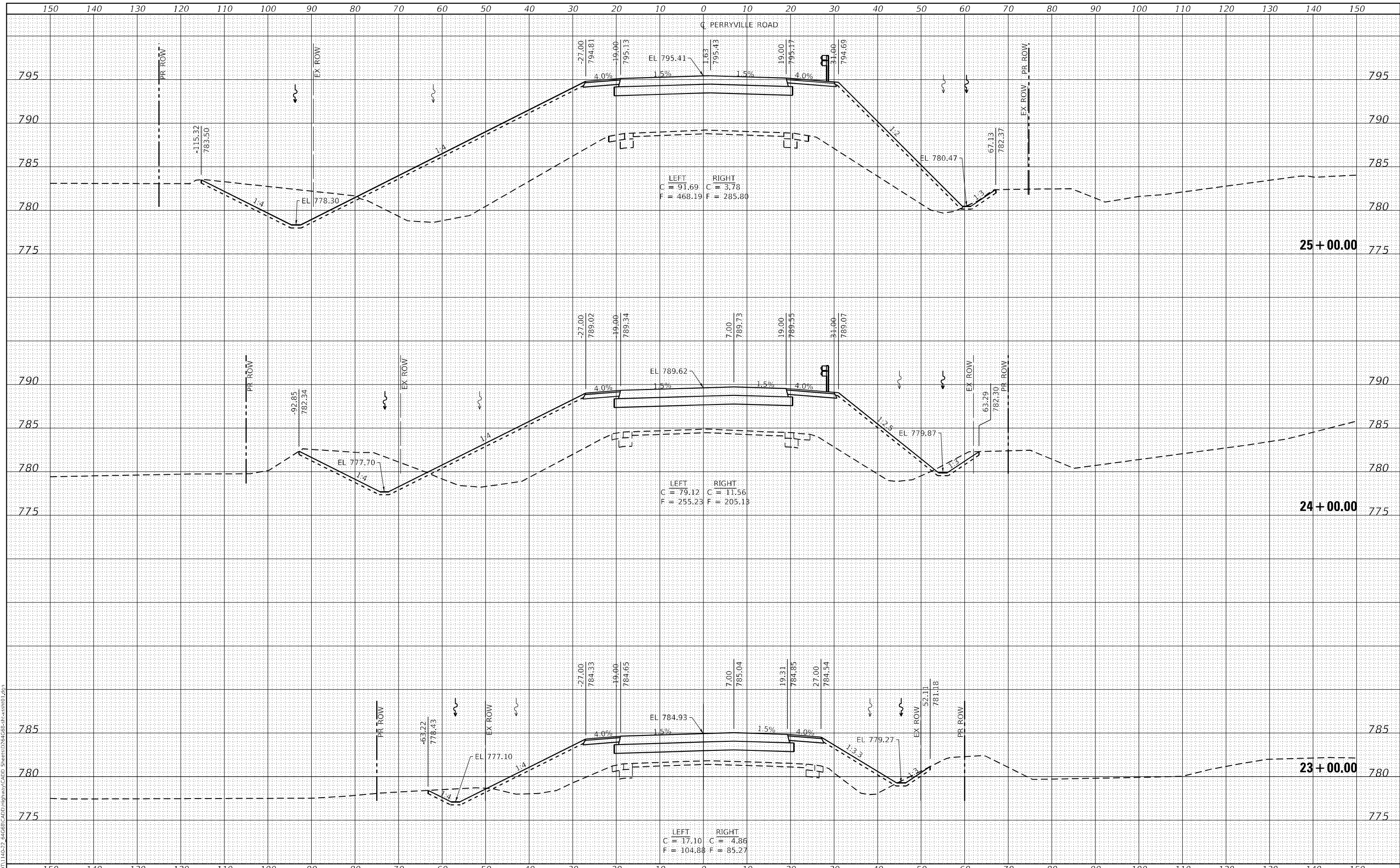
F.A.I. RTE. 39	SECTION 4HBR-3	COUNTY WINNEBAGO	TOTAL SHEETS 158	SHEET NO. 141
CONTRACT NO. 64G68				ILLINOIS FED. AID PROJECT



DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED
	AREAS CHECKED

MODEL: Definit
 FILE NAME: T:\DOT\1140-22-64G68\CADD\Highway\CADD_Sheets\23+00-25+00-48-PR-Crossroad.dgn



USER NAME = IRC
 ESCA PROJECT NO. 1140.22
 PLOT SCALE = 20,0000 * / in.
 PLOT DATE = 8/4/2022

DESIGNED - ELH
 DRAWN - KAH/NHC
 CHECKED - ELH
 DATE - 11/21

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PERRYVILLE ROAD CROSS SECTIONS

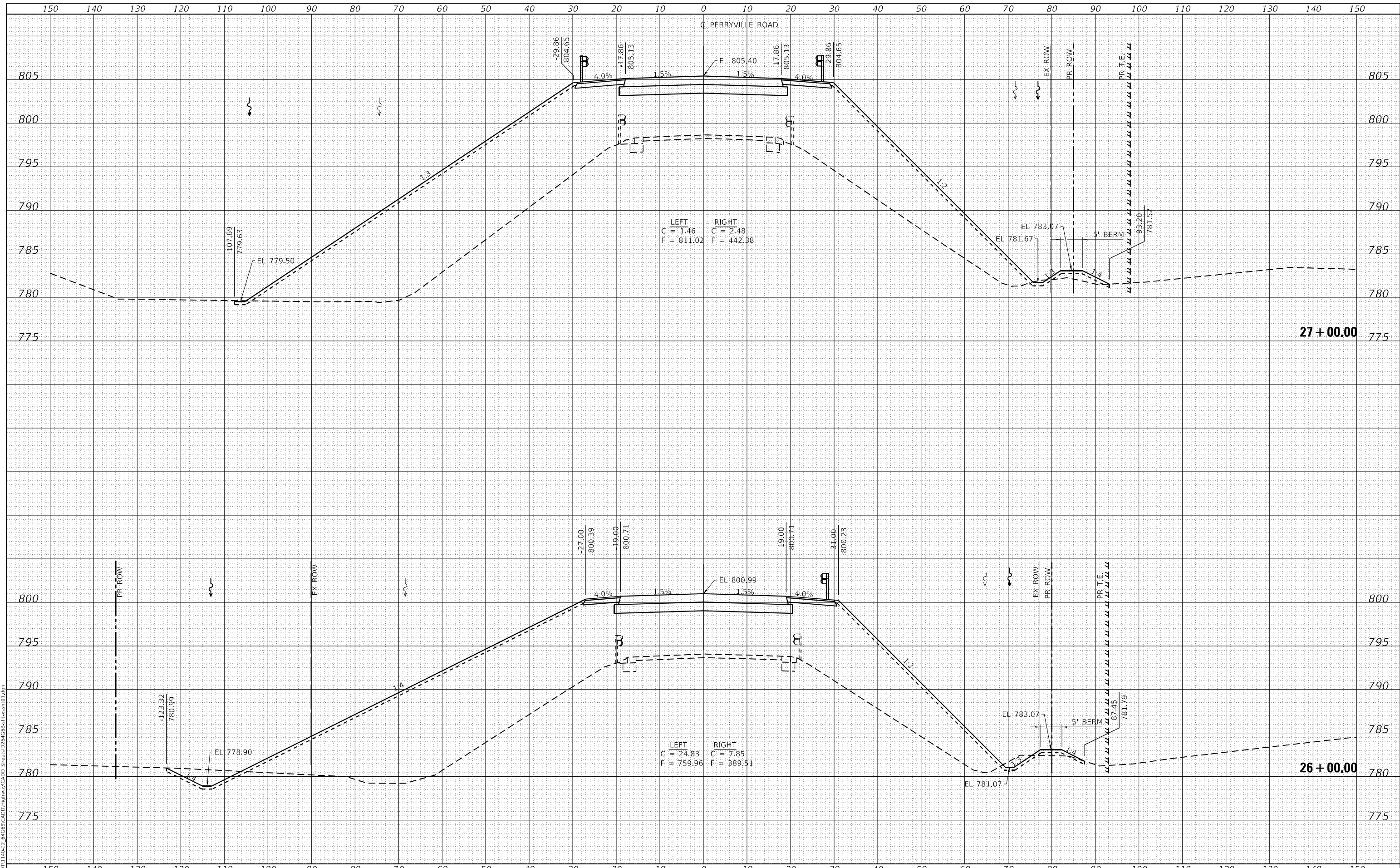
SCALE: AS SHOWN SHEET NO. 2 OF 12 SHEETS STA. 23+00.00 TO STA. 25+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HR-3	WINNEBAGO	158	142
CONTRACT NO. 64G68			ILLINOIS FED. AID PROJECT	

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

MODEL: Definit
 FILE NAME: T:\DOT\1140-22-64G68\CADD\Highway\CADD_Sheets\26+00.00-27+00.00.dwg



**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PERRYVILLE ROAD CROSS SECTIONS

USER NAME = IRC	DESIGNED - ELH	REVISED -
ESCA PROJECT NO. 1140.22	DRAWN - KAH/NHC	REVISED -
PLOT SCALE = 20,0000' / in.	CHECKED - ELH	REVISED -
PLOT DATE = 8/4/2022	DATE - 11/21	REVISED -

SCALE: AS SHOWN SHEET NO. 3 OF 12 SHEETS STA. 26+00.00 TO STA. 27+00.00

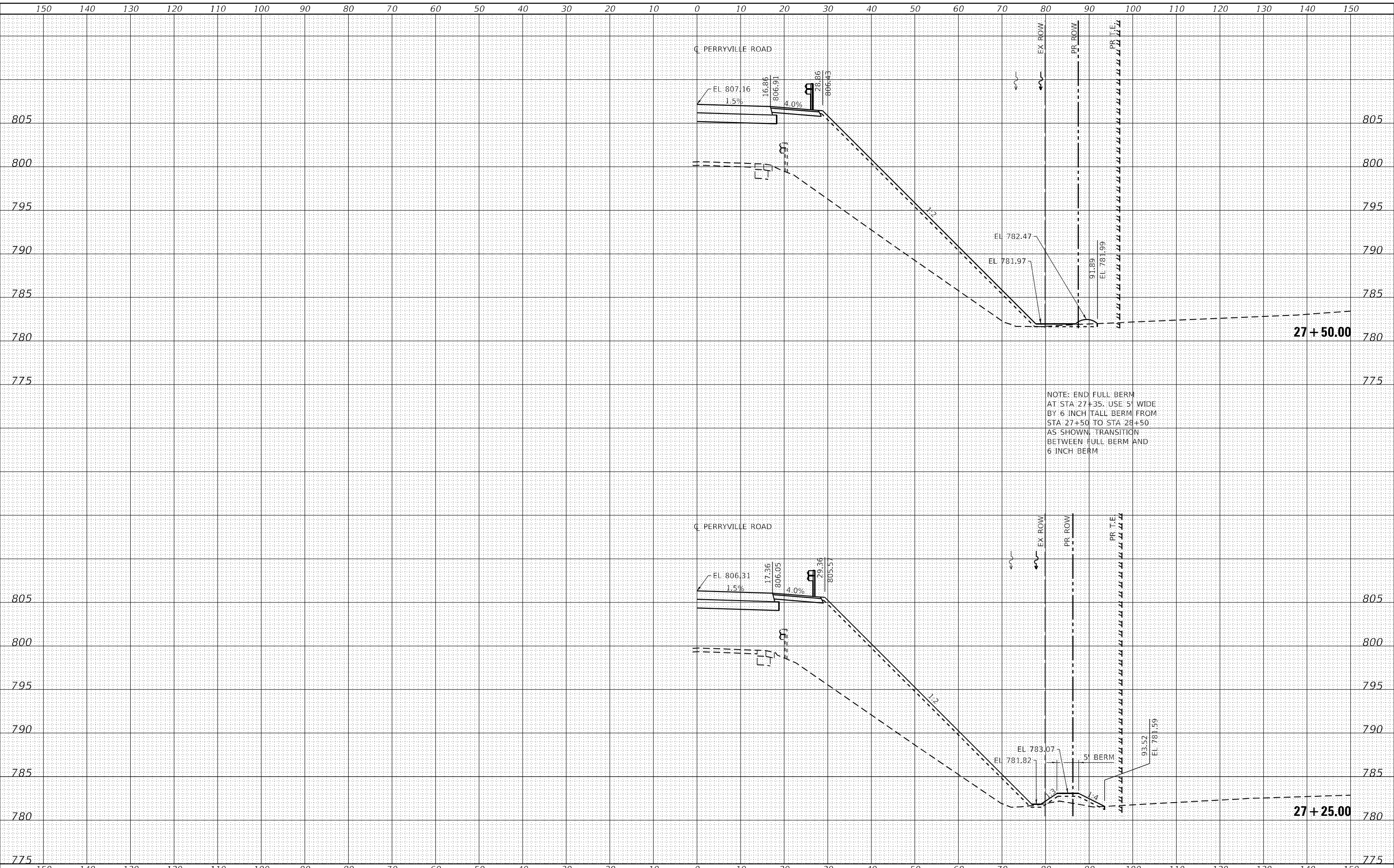
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HR-3	WINNEBAGO	158	143
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				



DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

MODEL: Definit
 FILE NAME: T:\DOT\1140-22-64G68\CADD\Highway\CADD_Sheets\27+25.00-27+50.00.dwg



NOTE: END FULL BERM AT STA 27+35. USE 5' WIDE BY 6 INCH TALL BERM FROM STA 27+50 TO STA 28+50 AS SHOWN. TRANSITION BETWEEN FULL BERM AND 6 INCH BERM



USER NAME = IRC	DESIGNED - ELH	REVISED -
ESCA PROJECT NO. 1140-22	DRAWN - CMH/NHC	REVISED -
PLOT SCALE = 20,0000' / in.	CHECKED - ELH	REVISED -
PLOT DATE = 8/4/2022	DATE - 07/22	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PERRYVILLE ROAD CROSS SECTIONS

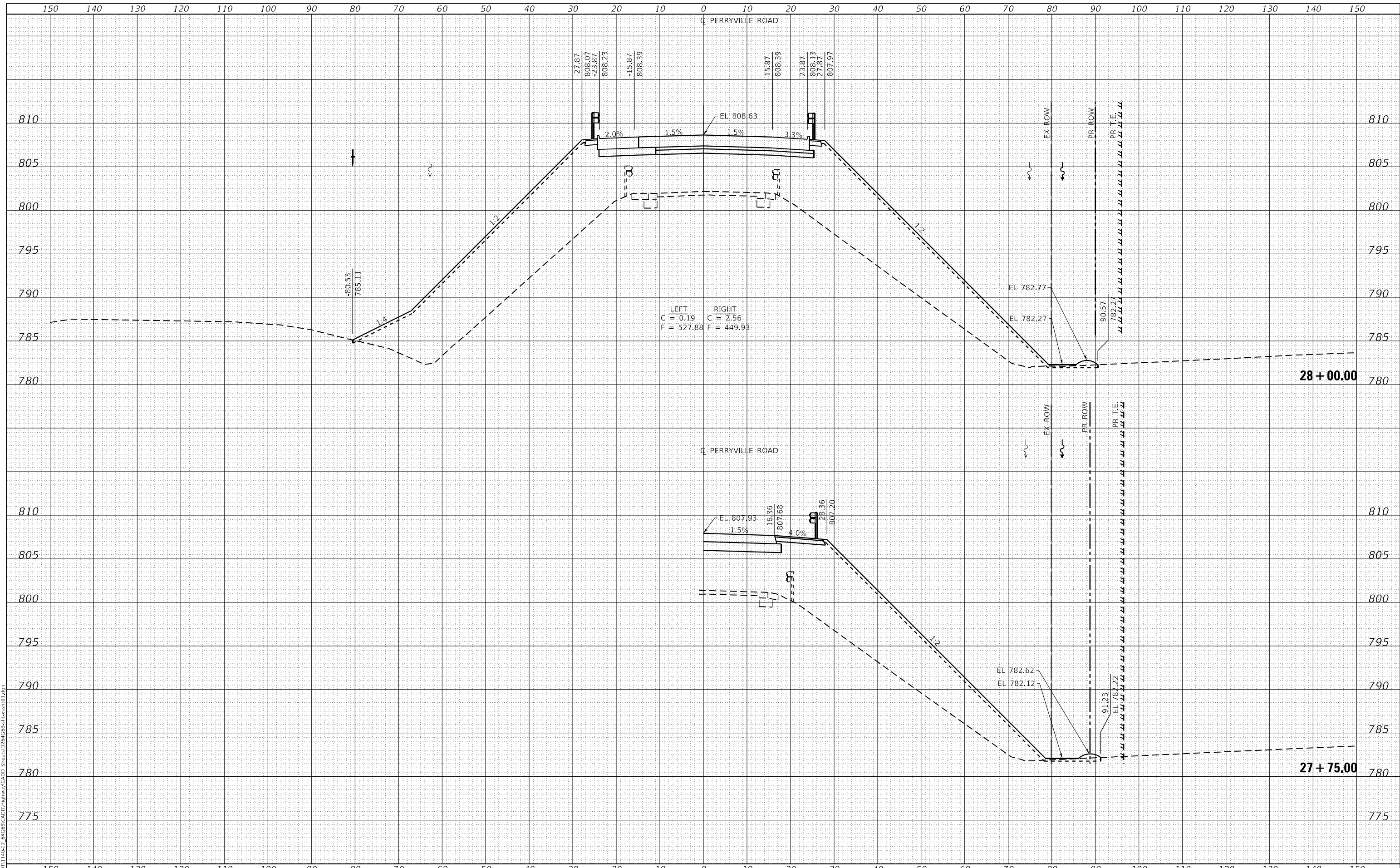
SCALE: AS SHOWN SHEET NO. 4 OF 12 SHEETS STA. 27+25.00 TO STA. 27+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HR-3	WINNEBAGO	158	144
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	

MODEL: Definit
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LEFT RIGHT
 C = 0.19 C = 2.56
 F = 527.88 F = 449.93



USER NAME = IRC
 ESCA PROJECT NO. 1140.22
 PLOT SCALE = 20,0000 * / in.
 PLOT DATE = 8/4/2022

DESIGNED - ELH
 DRAWN - CMH/NHC
 CHECKED - ELH
 DATE - 07/22

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PERRYVILLE ROAD CROSS SECTIONS

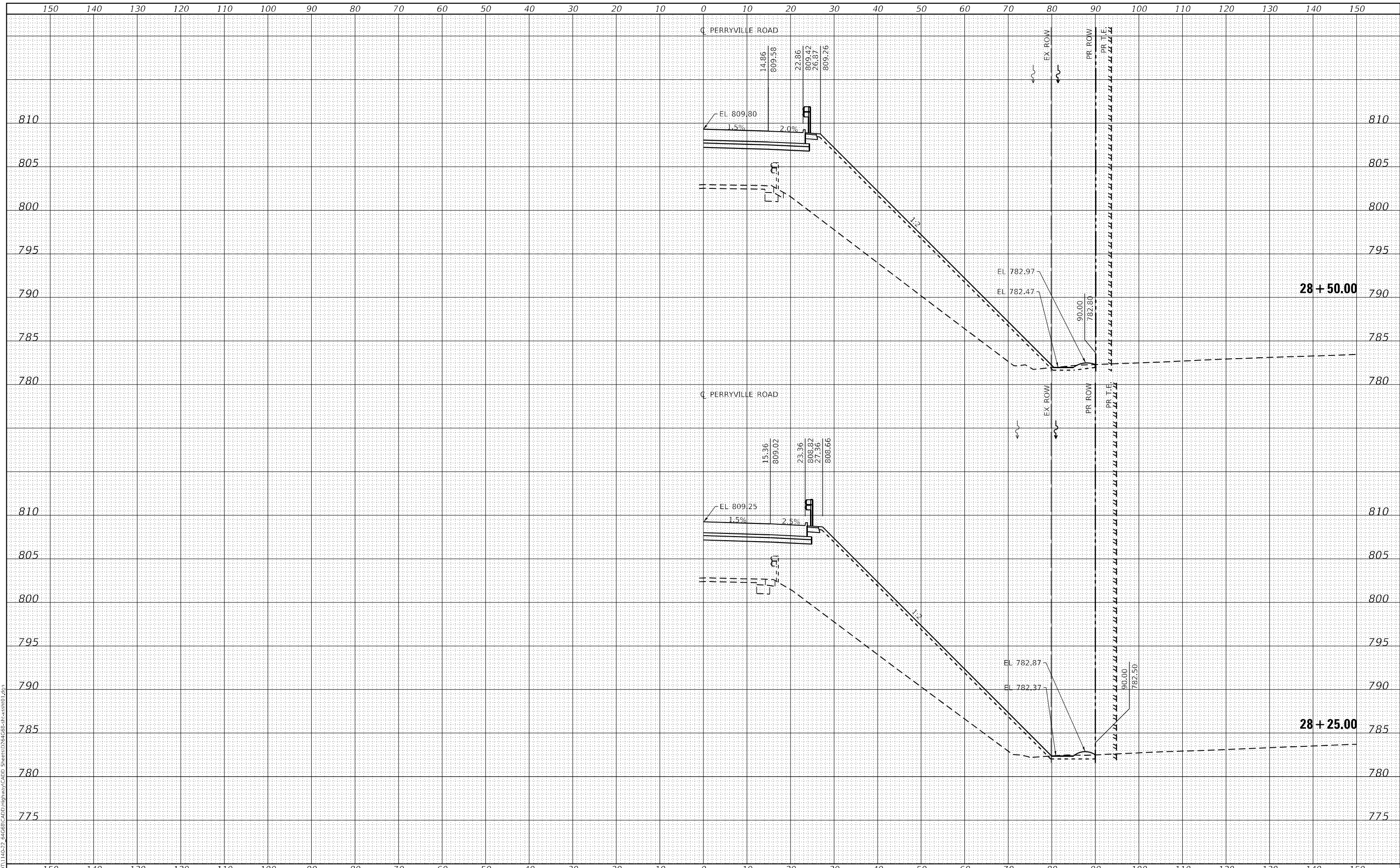
SCALE: AS SHOWN SHEET NO. 5 OF 12 SHEETS STA. 27+75.00 TO STA. 28+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HR-3	WINNEBAGO	158	145
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

MODEL: Definit
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USER NAME = IRC	DESIGNED - ELH	REVISED -
ESCA PROJECT NO. 1140.22	DRAWN - CMH/NHC	REVISED -
PLOT SCALE = 20,0000 * / in.	CHECKED - ELH	REVISED -
PLOT DATE = 8/4/2022	DATE - 07/22	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PERRYVILLE ROAD CROSS SECTIONS

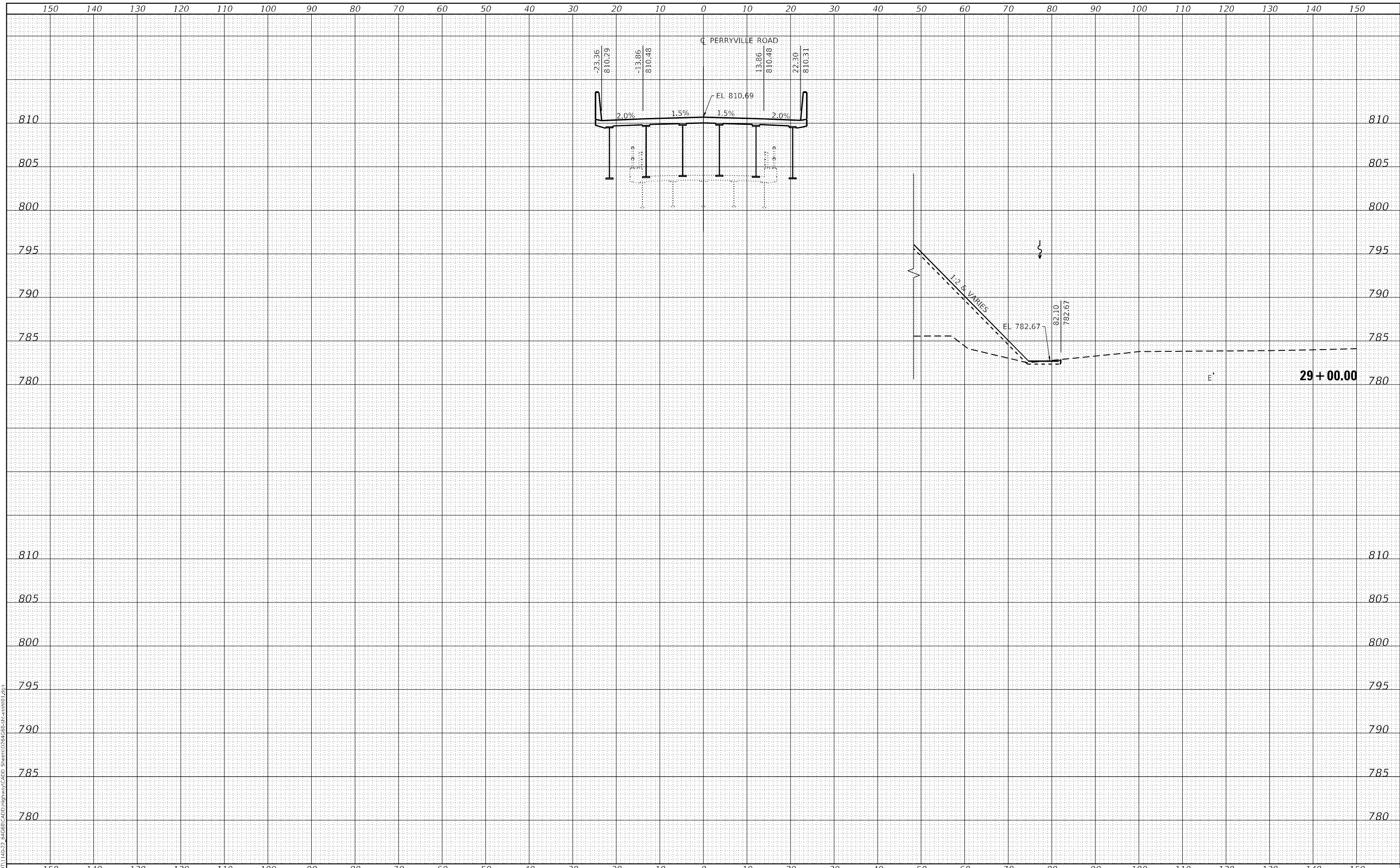
SCALE: AS SHOWN SHEET NO. 6 OF 12 SHEETS STA. 28+25.00 TO STA. 28+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HR-3	WINNEBAGO	158	146
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	

MODEL: Defn.rvt
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USER NAME = IRC	DESIGNED - ELH	REVISED -
ESCA PROJECT NO. 1140.22	DRAWN - KAH/NHC	REVISED -
PLOT SCALE = 20,0000 * / in.	CHECKED - ELH	REVISED -
PLOT DATE = 8/4/2022	DATE - 04/22	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PERRYVILLE ROAD CROSS SECTIONS

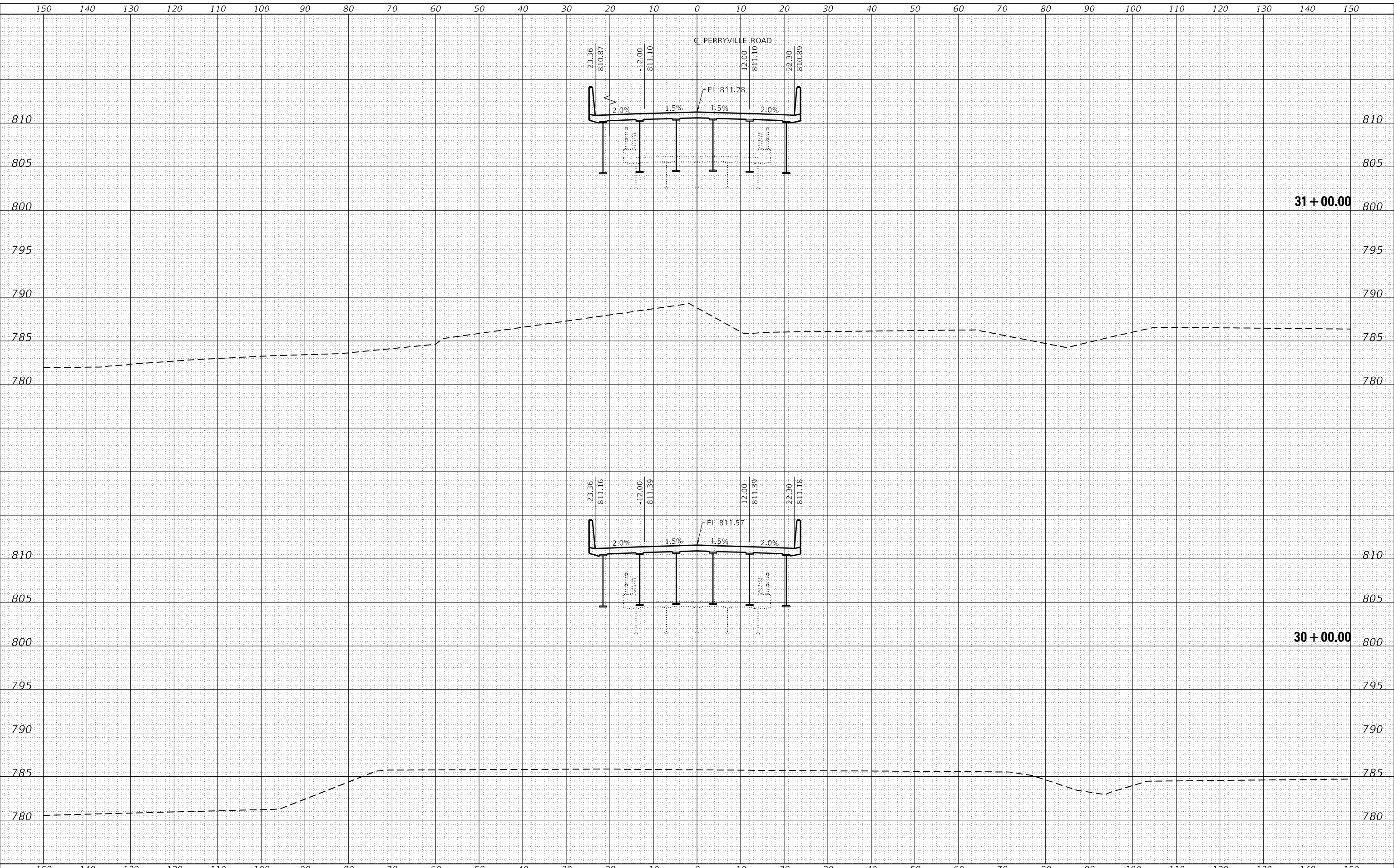
SCALE: AS SHOWN SHEET NO. 7 OF 12 SHEETS STA. 29+00.00 TO STA. 29+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	147
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	

MODEL: Definit
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USER NAME = IRC	DESIGNED - ELH	REVISED -
ESCA PROJECT NO. 1140.22	DRAWN - KAH/NHC	REVISED -
PLOT SCALE = 20,0000 * / in.	CHECKED - ELH	REVISED -
PLOT DATE = 8/4/2022	DATE - 04/22	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PERRYVILLE ROAD CROSS SECTIONS

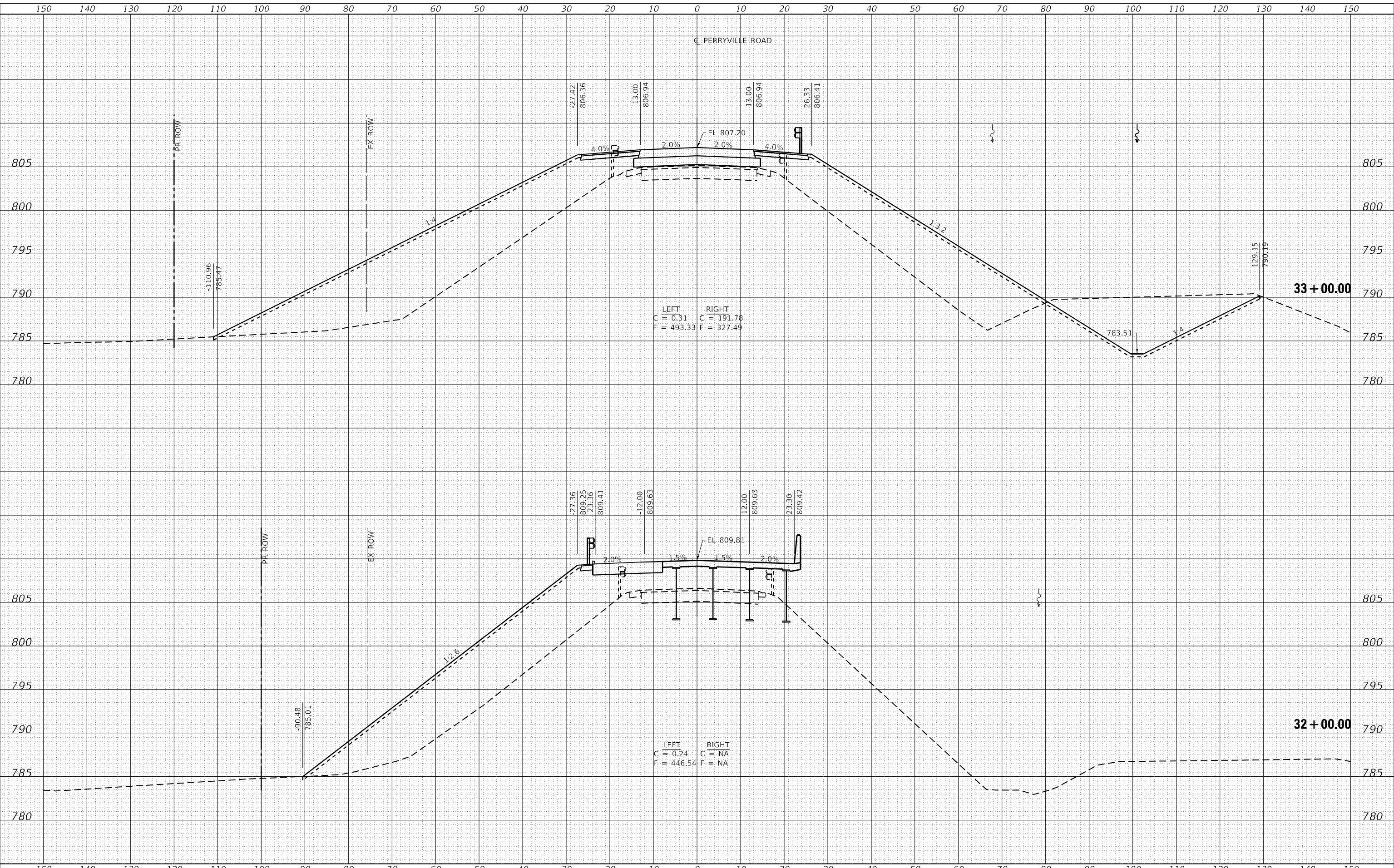
SCALE: AS SHOWN SHEET NO. 8 OF 12 SHEETS STA. 30+00.00 TO STA. 31+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	148
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

MODEL: Defn.rvt
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USER NAME = IRC	DESIGNED - ELH	REVISED -
ESCA PROJECT NO. 1140-22	DRAWN - KAH/NHC	REVISED -
PLOT SCALE = 20,0000' / in.	CHECKED - ELH	REVISED -
PLOT DATE = 8/4/2022	DATE - 04/22	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PERRYVILLE ROAD CROSS SECTIONS

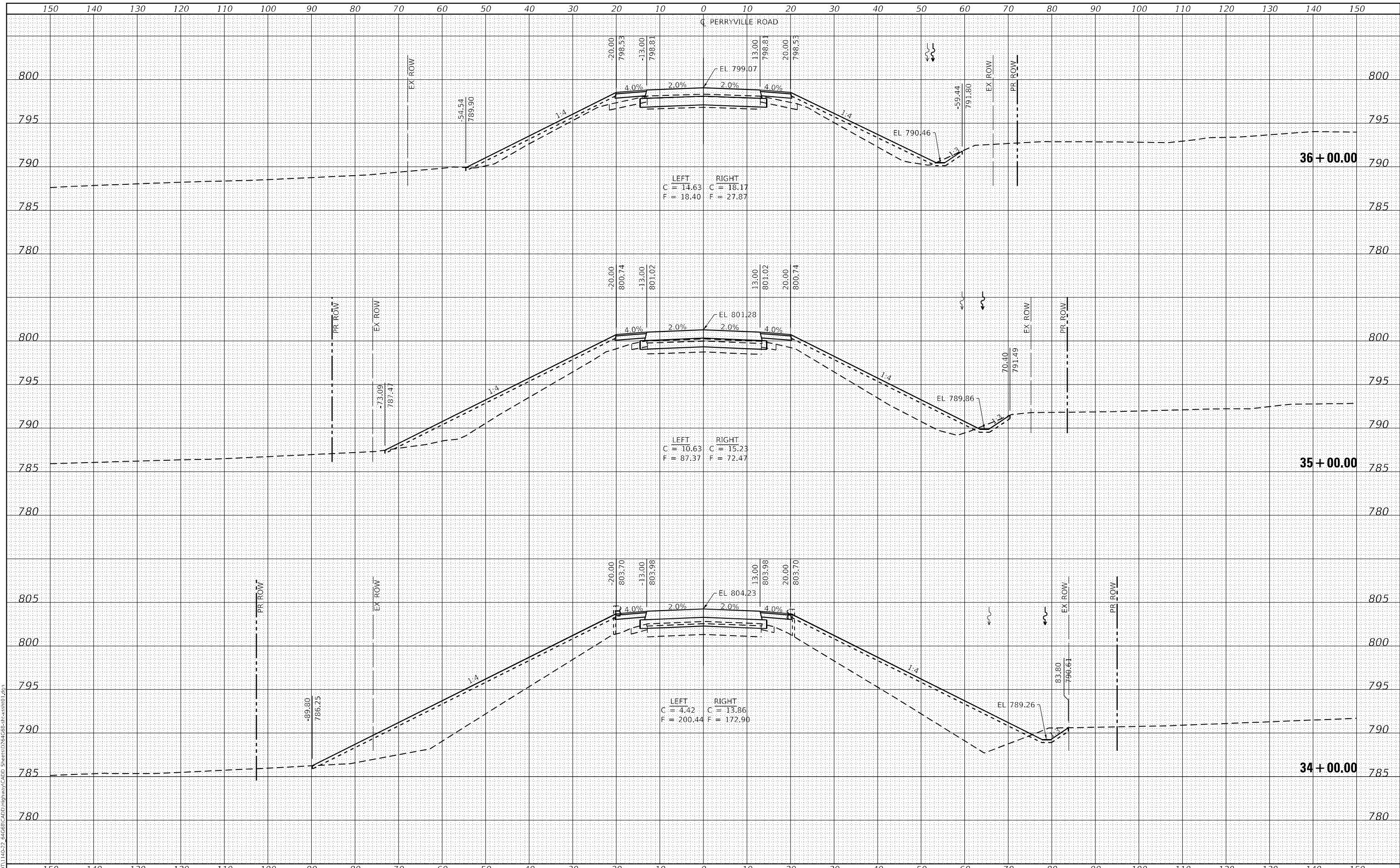
SCALE: AS SHOWN SHEET NO. 9 OF 12 SHEETS STA. 32+00.00 TO STA. 33+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	149
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED
	AREAS CHECKED

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USER NAME = IRC	DESIGNED - ELH	REVISED -
ESCA PROJECT NO. 1140.22	DRAWN - KAH	REVISED -
PLOT SCALE = 20,0000' / in.	CHECKED - ELH	REVISED -
PLOT DATE = 8/4/2022	DATE - 11/21	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PERRYVILLE ROAD CROSS SECTIONS

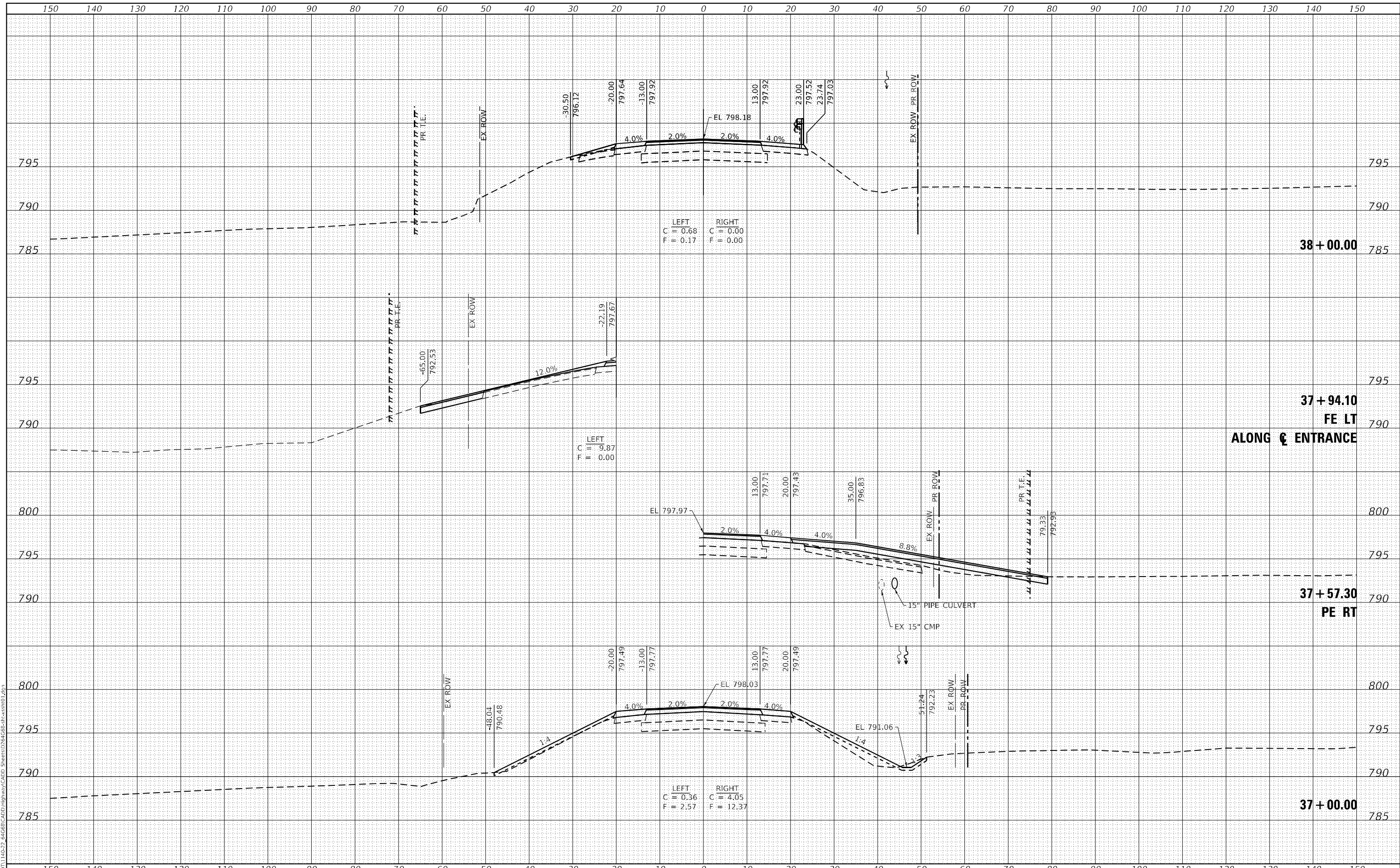
SCALE: AS SHOWN SHEET NO. 10 OF 12 SHEETS STA. 34+00.00 TO STA. 36+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	150
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

MODEL: Definit
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PERRYVILLE ROAD CROSS SECTIONS

USER NAME = IRC	DESIGNED - ELH	REVISED -
ESCA PROJECT NO. 1140.22	DRAWN - KAH/IRC/NHC	REVISED -
PLOT SCALE = 20,0000 * / in.	CHECKED - ELH	REVISED -
PLOT DATE = 8/4/2022	DATE - 04/22	REVISED -

SCALE: AS SHOWN SHEET NO. 11 OF 12 SHEETS STA. 37+00.00 TO STA. 38+00.00

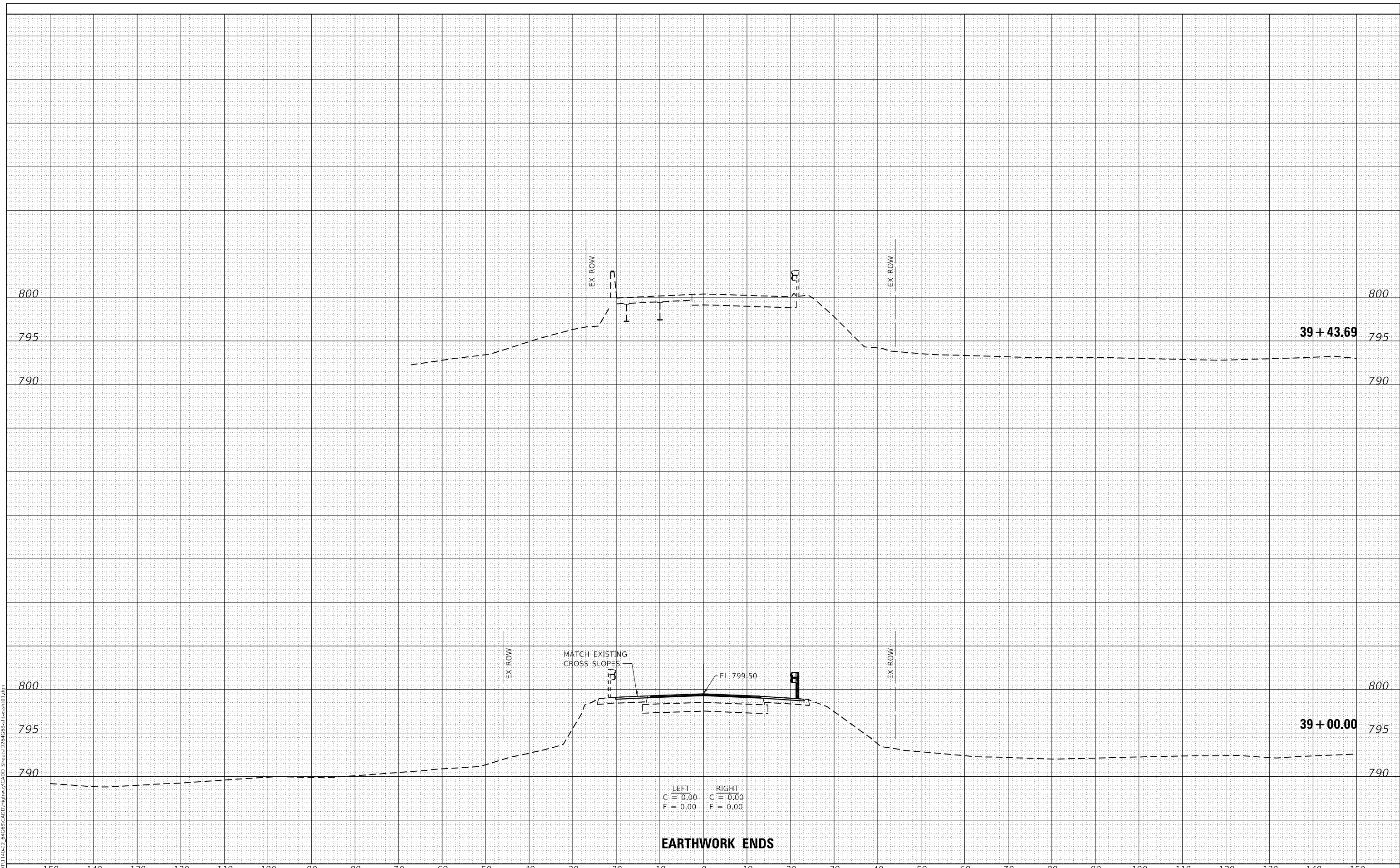
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HR-3	WINNEBAGO	158	151
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				



FINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

MODEL: Definit
 FILE NAME: T:\DOT\1140-22-64668\CADD\Highway\CADD_Sheets\2949468-39-43.69.dwg



LEFT C = 0.00 F = 0.00
 RIGHT C = 0.00 F = 0.00

EARTHWORK ENDS



USER NAME = IRC	DESIGNED - ELH	REVISED -
ESCA PROJECT NO. 1140,22	DRAWN - KAH	REVISED -
PLOT SCALE = 20,0000 * / in.	CHECKED - ELH	REVISED -
PLOT DATE = 8/4/2022	DATE - 04/22	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PERRYVILLE ROAD CROSS SECTIONS

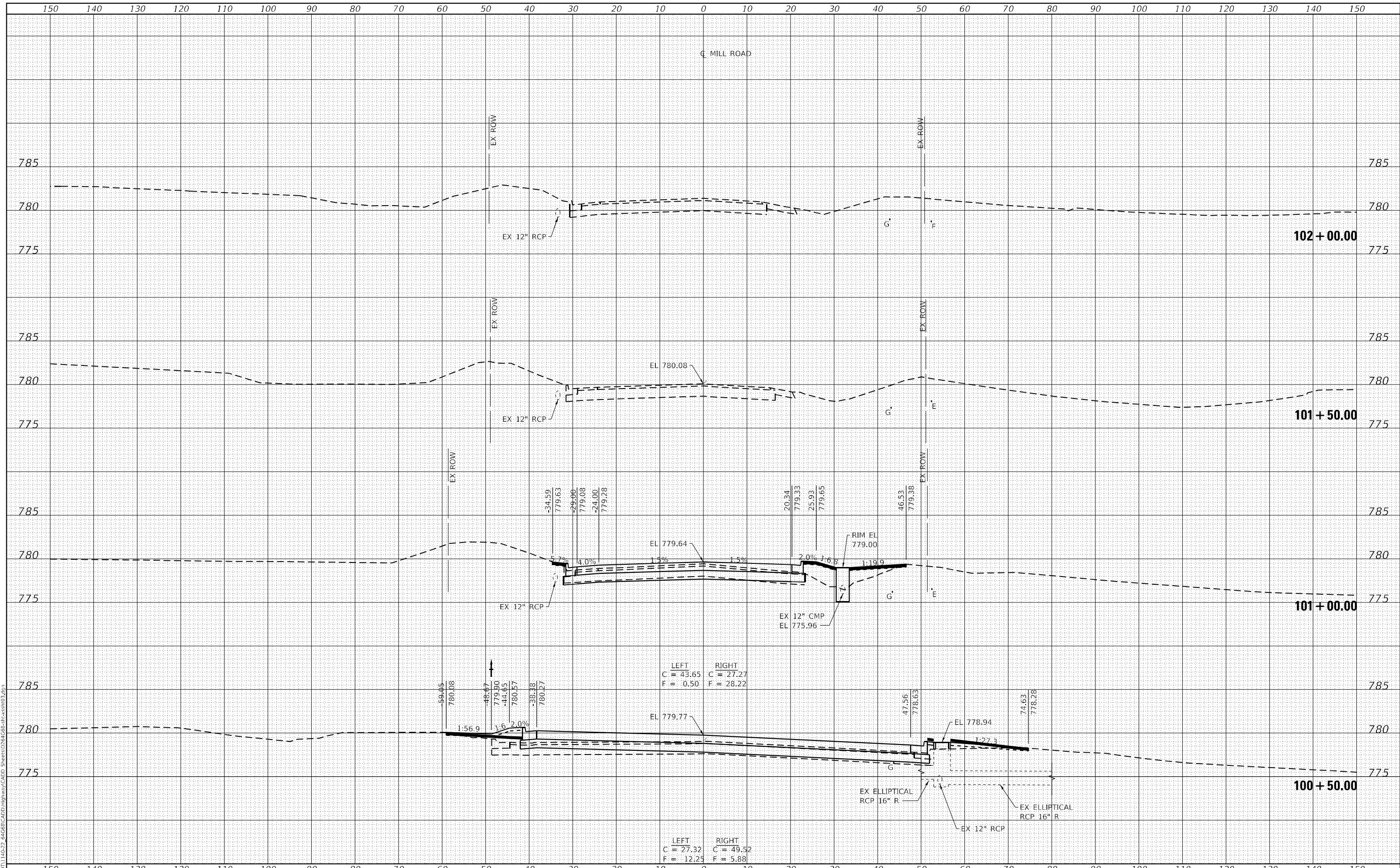
SCALE: AS SHOWN SHEET NO. 12 OF 12 SHEETS STA. 39+00.00 TO STA. 39+43.69

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	152
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

MODEL: Definit
 FILE NAME: T:\DOT\1140-22-64G68\CADD\Highway\CADD_Sheets\254\64G68-41-35303.dgn



LEFT
 C = 43.65
 F = 0.50

RIGHT
 C = 27.27
 F = 28.22

LEFT
 C = 27.32
 F = 12.25

RIGHT
 C = 49.52
 F = 5.88



USER NAME = IRC	DESIGNED - ELH	REVISED -
ESCA PROJECT NO. 1140.22	DRAWN - KAH	REVISED -
PLOT SCALE = 20,0000 * / in.	CHECKED - ELH	REVISED -
PLOT DATE = 8/4/2022	DATE - 07/22	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

MILL ROAD CROSS SECTIONS

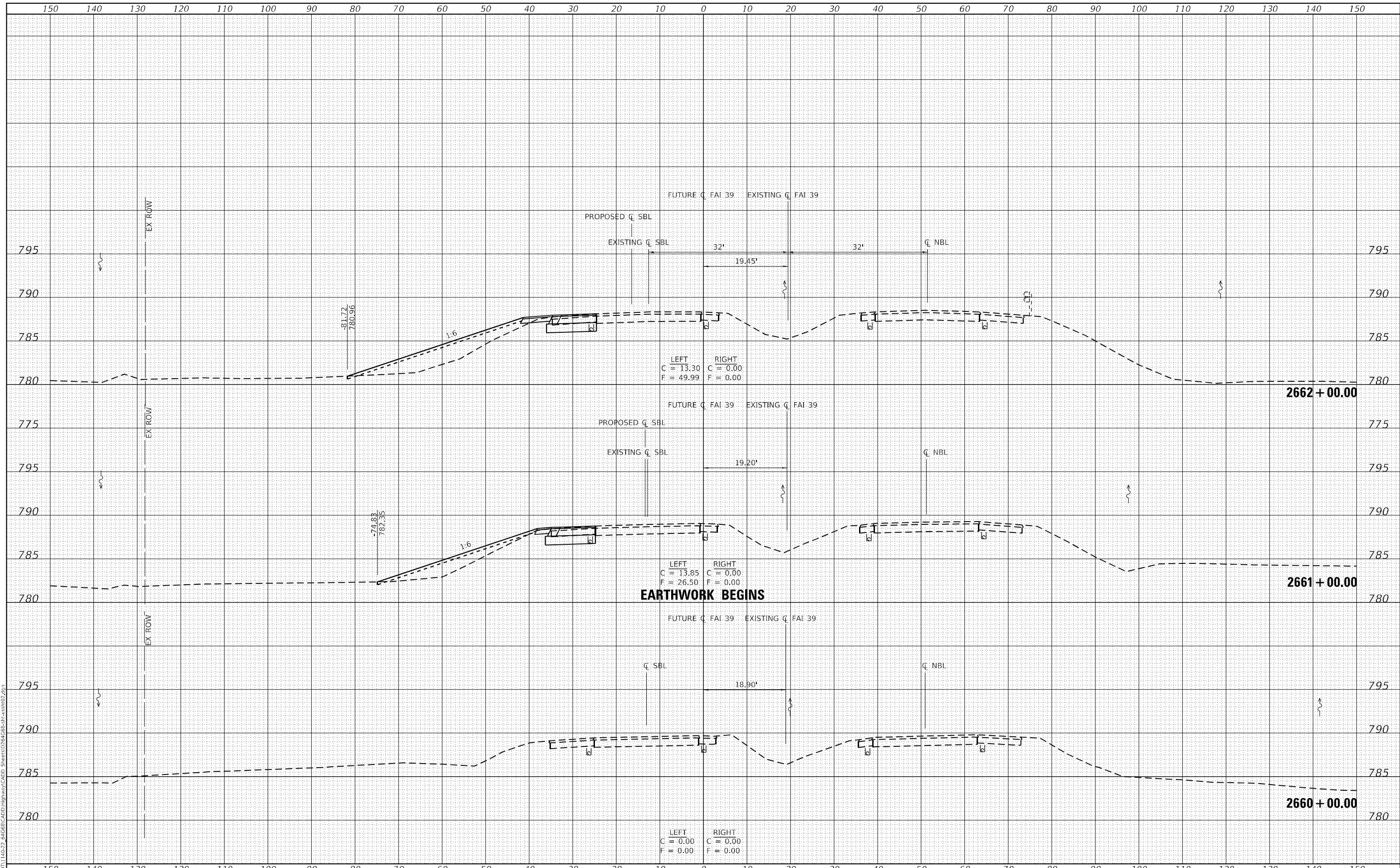
SCALE: AS SHOWN SHEET NO. 1 OF 1 SHEETS STA. 100+50.00 TO STA. 102+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HR-3	WINNEBAGO	158	153
				CONTRACT NO. 64G68
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED
	AREAS CHECKED

MODEL: Definit
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

I-39 CROSS SECTIONS

USER NAME = IRC	DESIGNED - ELH	REVISED -
ESCA PROJECT NO. 1140.22	DRAWN - KAH/SKM/NHC	REVISED -
PLOT SCALE = 20,0000' / in.	CHECKED - ELH	REVISED -
PLOT DATE = 8/4/2022	DATE - 04/22	REVISED -

SCALE: AS SHOWN SHEET NO. 1 OF 5 SHEETS STA. 2660+00.00 TO STA. 2662+00.00

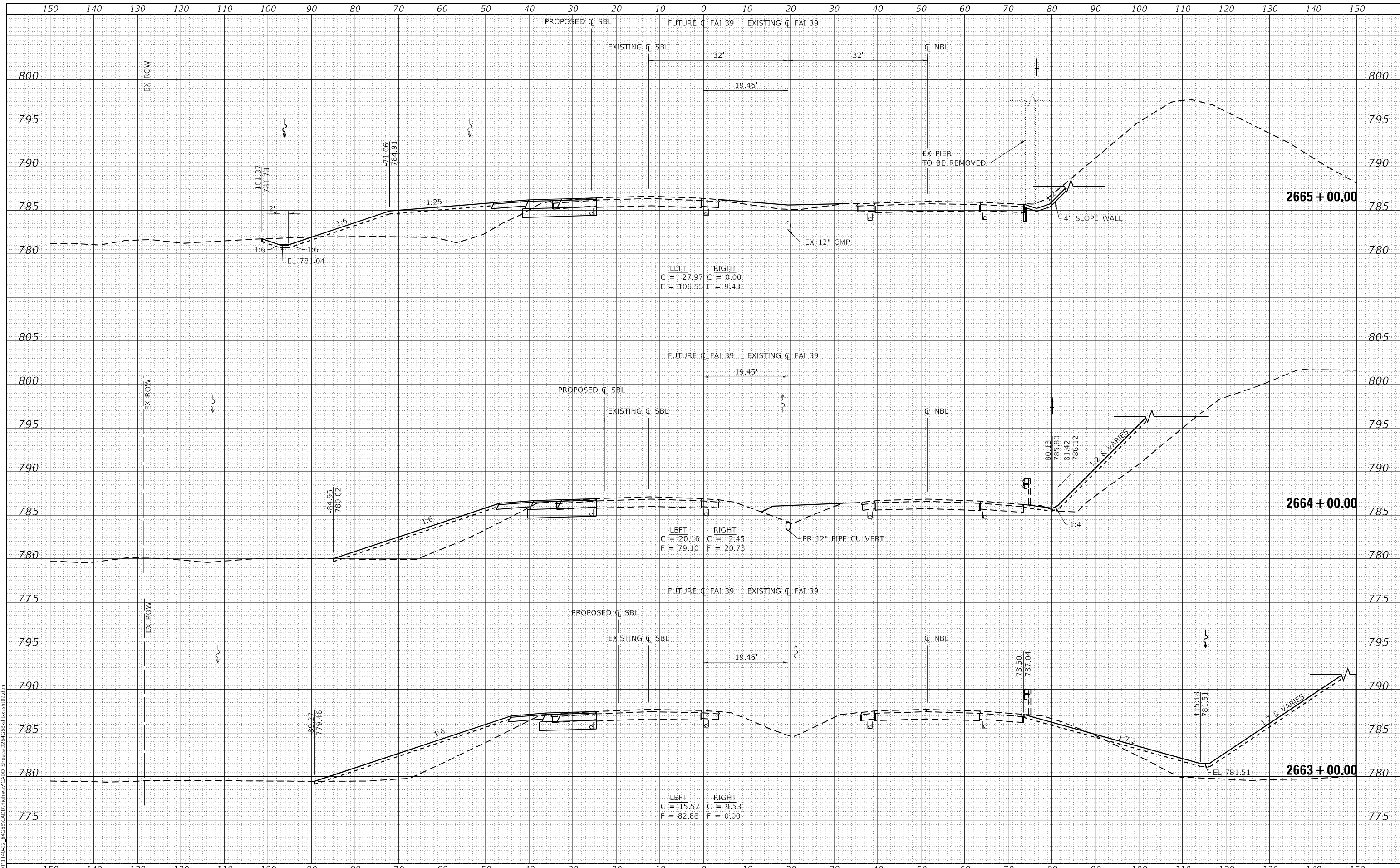
F.A.I. RTE. 39	SECTION 4HBR-3	COUNTY WINNEBAGO	TOTAL SHEETS 158	SHEET NO. 154
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				



DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

MODEL: Definit
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LEFT C = 27.97 F = 106.55
 RIGHT C = 0.00 F = 9.43

LEFT C = 20.16 F = 79.10
 RIGHT C = 2.45 F = 20.73

LEFT C = 15.52 F = 82.88
 RIGHT C = 9.53 F = 0.00



USER NAME = IRC	DESIGNED - ELH	REVISED -
ESCA PROJECT NO. 1140-22	DRAWN - KAH/SKM/NHC	REVISED -
PLOT SCALE = 20,0000' / in.	CHECKED - ELH	REVISED -
PLOT DATE = 8/4/2022	DATE - 04/22	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

I-39 CROSS SECTIONS

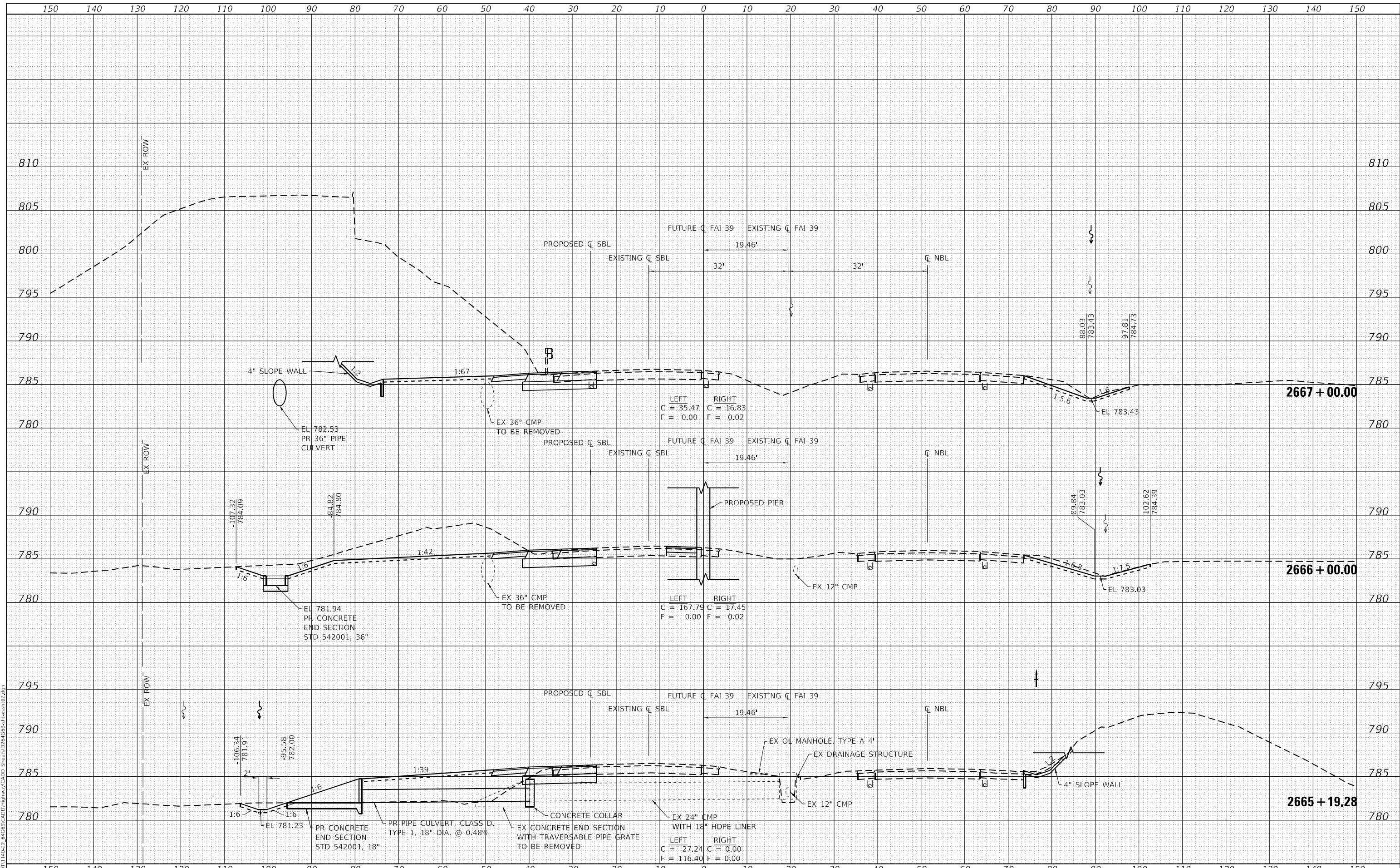
SCALE: AS SHOWN SHEET NO. 2 OF 5 SHEETS STA. 2663+00.00 TO STA. 2665+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HR-3	WINNEBAGO	158	155
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

MODEL: Definit
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USER NAME = nhc
 ESCA PROJECT NO. 1140.22
 PLOT SCALE = 20,0000' / in.
 PLOT DATE = 8/10/2022

DESIGNED - ELH
 DRAWN - KAH/SKM/NHC
 CHECKED - ELH
 DATE - 04/22

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

I-39 CROSS SECTIONS

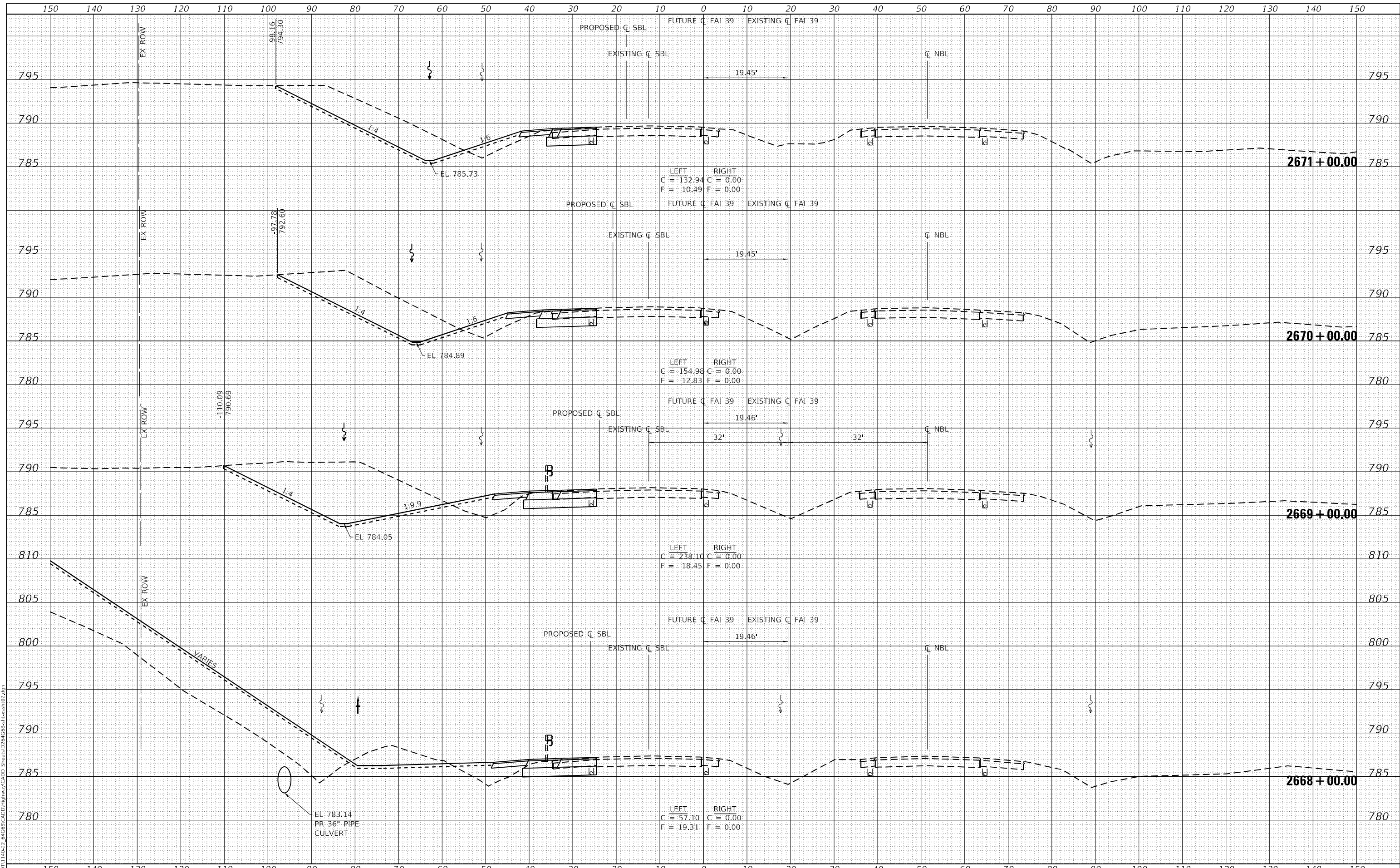
SCALE: AS SHOWN SHEET NO. 1 OF 5 SHEETS STA. 2660+00.00 TO STA. 2662+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HBR-3	WINNEBAGO	158	156
CONTRACT NO. 64G68			ILLINOIS FED. AID PROJECT	

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

MODEL: Definit
 FILE NAME: I:\DOT\1140-22-64G68\CADD\Highway\CADD_Sheets\2663+00.00-2665+00.00.dgn



USER NAME	= nhc
DESIGNED	- ELH
DRAWN	- KAH/SKM/NHC
CHECKED	- ELH
DATE	- 04/22
ESCA PROJECT NO.	1140,22
PLOT SCALE	= 20,0000 "/td>
PLOT DATE	= 8/10/2022

REVISD	-
REVISD	-
REVISD	-
REVISD	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

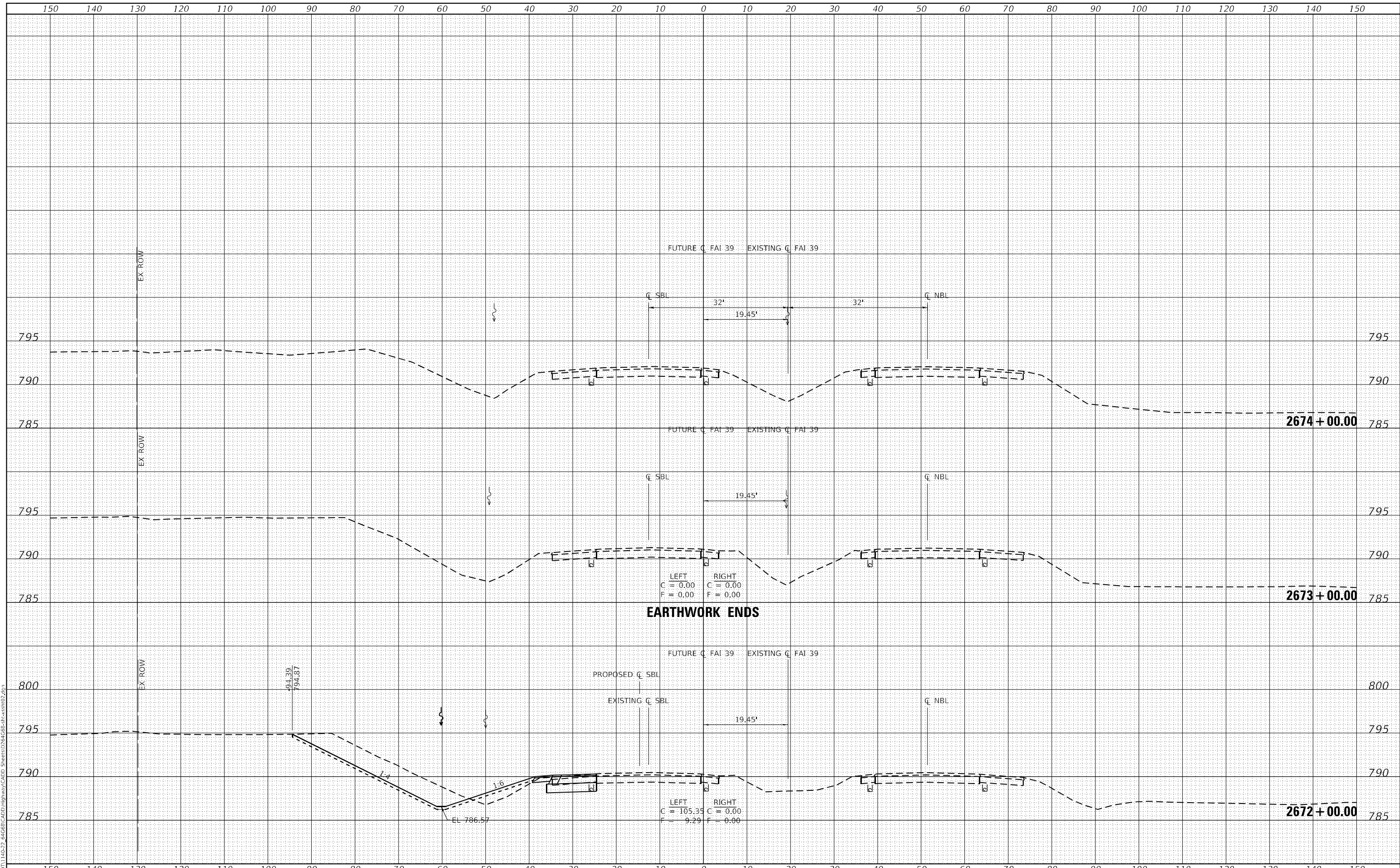
I-39 CROSS SECTIONS	
SCALE: AS SHOWN	SHEET NO. 2 OF 5 SHEETS
STA. 2663+00.00 TO STA. 2665+00.00	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HR-3	WINNEBAGO	158	157
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

MODEL: Definit
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

I-39 CROSS SECTIONS

SCALE: AS SHOWN SHEET NO. 3 OF 5 SHEETS STA. 2665+19.28 TO STA. 2667+00.00

USER NAME	= nhc
DESIGNED	- ELH
ESCA PROJECT NO.	1140,22
DRAWN	- KAH/SKM/NHC
PLOT SCALE	= 20,0000 * / in.
CHECKED	- ELH
PLOT DATE	= 8/10/2022
DATE	- 04/22
REVISED	-

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	4HR-3	WINNEBAGO	158	158
CONTRACT NO. 64G68				
ILLINOIS FED. AID PROJECT				

