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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

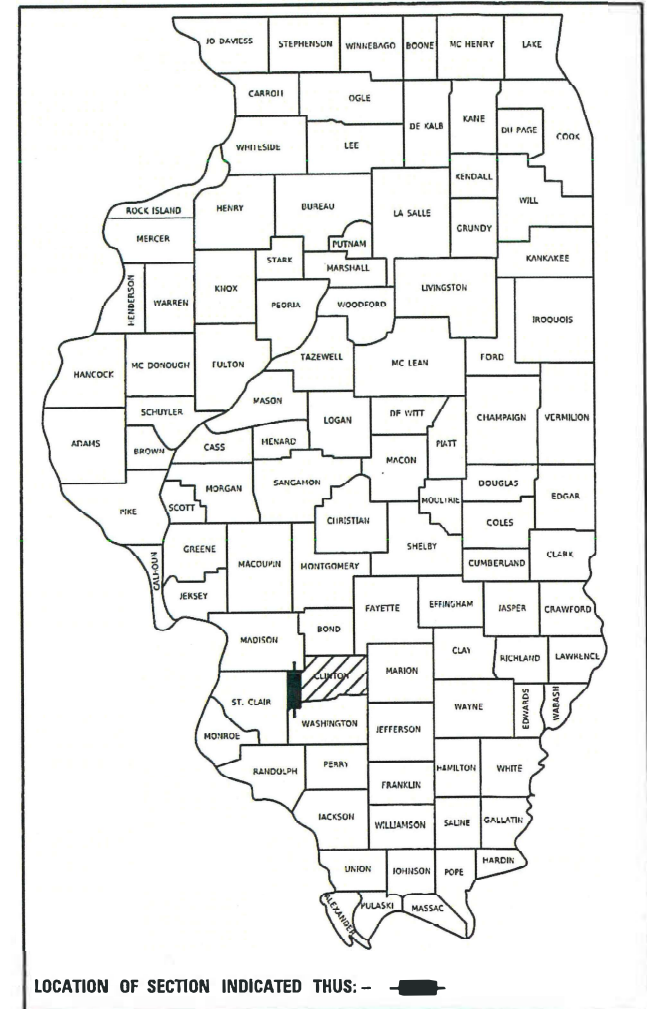
**PROPOSED
HIGHWAY PLANS**

**FAP ROUTE 690 (IL RTE 160)
SECTION 481W-1
PROJECT HSIP-PLVI(078)
RESURFACING AND WIDENING FOR
INTERSECTION IMPROVEMENTS AT WESCLIN RD.
CLINTON COUNTY**

C-98-093-20

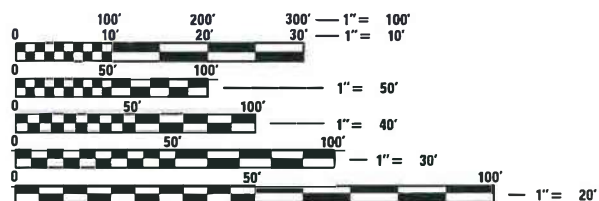
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	1
		ILLINOIS	CONTRACT NO. 76N47	

P-98-002-23
D-98-080-20



TRAFFIC DATA

IL ROUTE 160	WESCLIN ROAD (WEST)
2023 ADT = 4300 (ESTIMATED)	2022 ADT = 1600 (ESTIMATED)
2043 ADT = 5800 (ESTIMATED)	2042 ADT = 2050 (ESTIMATED)
SU% = 5.6% MU% = 4.7%	SU% = 5.2% MU% = 0.1%
WESCLIN ROAD (EAST)	
2022 ADT = 400 (ESTIMATED)	
2042 ADT = 500 (ESTIMATED)	
SU% = 2.7% MU% = 0.0%	

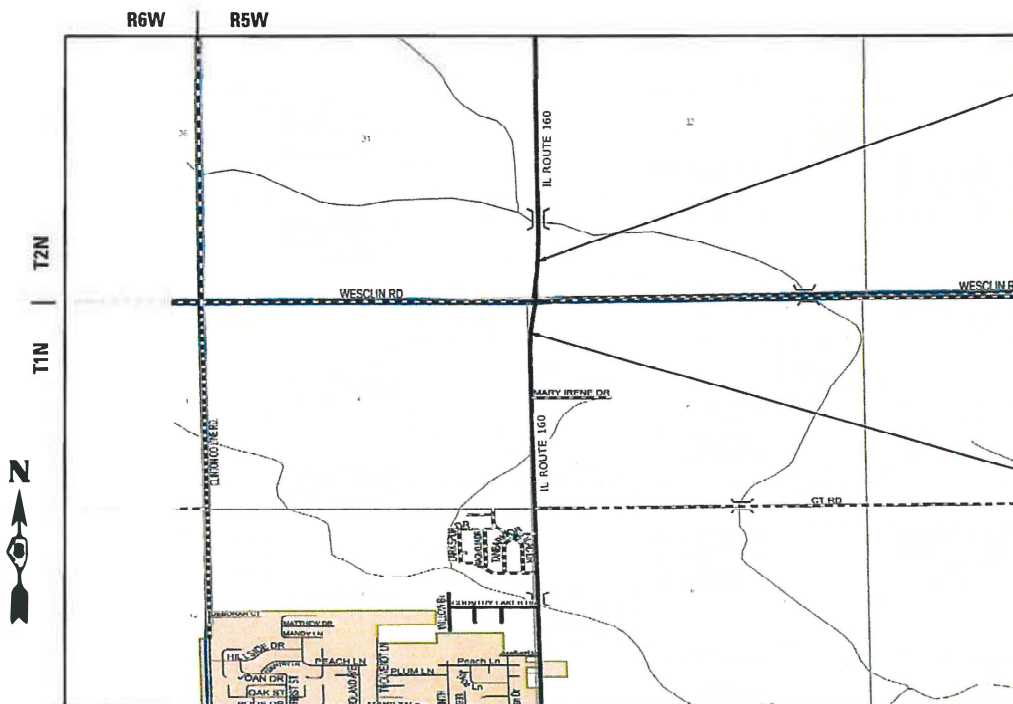


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS
1-800-892-0123
OR 811 TOWNSHIP(S): LOOKINGGLASS, SUGAR CREEK

PROJECT ENGINEER: BILLIE OWEN
PROJECT MANAGER: STEVE KEEL

CONTRACT NO. 76N47



SCALE: 1"=3,000'

BEGIN IMPROVEMENTS
STA. 629+99.65
IL ROUTE 160
LAT. 38°34'13"N
LONG. 89°37'19"W

END IMPROVEMENTS
STA. 645+54.00
IL ROUTE 160
LAT. 38°33'56"N
LONG. 89°41'13"W



Timothy B. Padgett
TIMOTHY B. PADGETT, PE EXPIRATION DATE
LICENSE NO. 062-049162 11-30-2025
PG 1-41, 49-52, 68-100

GROSS LENGTH = 1554.35 FT. = 0.294 MILE
NET LENGTH = 1554.35 FT. = 0.294 MILE

PLANS PREPARED BY:



4940 Old Collinsville Road
Swansea, Illinois 62226
Tel: 618.624.4488
www.twm-inc.com
Illinois Professional Design Firm
No. 184-001220
License Expires: 4/30/2025
ILLINOIS - MISSOURI - TENNESSEE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED *Dec 4 2023*
Bill Owen
REGIONAL ENGINEER

October 4, 2024
Scott A. Etk
ENGINEER OF DESIGN AND ENVIRONMENT

October 4, 2024
James J. ...
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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HIGHWAY STANDARDS

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
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
642006-01	SHOULDER RUMBLE STRIPS, 8 IN.
666001-01	RIGHT-OF-WAY MARKERS
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5m) AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701206-05	LANE CLOSURE, 2L, 2W, NIGHT ONLY, FOR SPEEDS ≥ 45 MPH
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE 2L, 2W, MOVING OPERATIONS - DAY ONLY
701901-09	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
BLR 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
420001-10	PAVEMENT JOINTS
542001-06	CONCRETE END SECTIONS FOR PIPE CULVERTS 15" THRU 84" DIAMETER
667101-02	PERMANENT SURVEY MARKERS

COMMITMENTS

TREES/SAPLINGS EQUAL TO OR GREATER THAN 3 INCHES IN DIAMETER SHALL NOT BE REMOVED BETWEEN APRIL 1 AND SEPTEMBER 30 OF ANY YEAR.

GENERAL NOTES

1. UTILITIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA:

	ABOVE GROUND	BELOW GROUND
AMEREN ILLINOIS (GAS AND ELECTRIC)	X	X
AT&T ILLINOIS (COMMUNICATIONS)	X	X
CHARTER COMMUNICATIONS, INC. (CABLE TV)	X	X
CLINTON COUNTY ELECTRIC COOPERATIVE, INC. (ELECTRIC)	X	X
VILLAGE OF NEW BADEN (WATER & SANITARY SEWER)		X
NEW MEMPHIS PUBLIC WATER DISTRICT (WATER)		X
TRI-TOWNSHIP WATER DISTRICT (WATER)		X

THE FOLLOWING UTILITIES ARE NOT MEMBERS OF JULIE:

	ABOVE GROUND	BELOW GROUND
WESCLIN JUNIOR HIGH SCHOOL (PARKING LOT LIGHTING - ELECTRICAL)		X

2. IF THE CONTRACTOR, FOR HIS CONSTRUCTION ACTIVITY, REMOVES TREES WITHIN THE RIGHT-OF-WAY LIMITS WHICH ARE NOT DESIGNATED ON THE PLANS FOR REMOVAL, I.E. IN ORDER TO GAIN ACCESS TO THE PROJECT SITE; IT WILL BE HIS RESPONSIBILITY TO REPLACE THE TREES AT A 1:1 RATIO. THE TREES WILL BE REPLACED WITH A 1 GALLON NATIVE ILLINOIS TREE SPECIES AND SHALL BE APPROVED BY THE ENGINEER. THE TREE REMOVAL AND TREE REPLACEMENT WILL BE AT THE CONTRACTOR'S EXPENSE, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED

3. FOUR CHANGEABLE MESSAGE SIGN SHALL BE REQUIRED FOR THIS PROJECT. THEY SHALL BE PLACED 2 WEEKS PRIOR TO THE TEMPORARY CLOSURE OF IL 160. THE CHANGEABLE MESSAGE SIGNS SHALL BE PLACED ALONG NB/SB IL 160 AND EB/WB WESCLIN ROAD OR AT THE DIRECTION OF THE ENGINEER.

4. ALL ELEVATIONS REFER TO THE USGS MEAN SEA LEVEL DATUM.

5. FACTORS FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

HMA	0.056 TONS/SQ YD/INCH
AGGREGATE (SURFACE, BASE, & BACKFILL)	2.0 TON/CU YD
BITUMINOUS MATERIALS (RESIDUAL RATE)	
TACK COAT:	
-ON EX HMA	0.05 LB/SQ FT
-ON NEW HMA	0.025 LB/SQ FT
-ON COLD MILLED SURFACE	0.05 LB/SQ FT
PRIME COAT:	
-ON AGGREGATE	0.25 LB/SQ FT
RIP RAP	1.5 TON/CU YD

6. THE PAY ITEM (LOCATING UNDERGROUND CABLE (SPECIAL)) HAS BEEN PROVIDED TO LOCATE THE ELECTRICAL CONDUITS FOR THE SOUTHERN WESCLIN JUNIOR HIGH SCHOOL PARKING LOT LIGHTING.

7. TEMPORARY ACCESS FOR THE TWO FIELD ENTRANCES MUST BE MAINTAINED DURING THE TEMPORARY ROAD CLOSURE OF IL 160 AND WESCLIN ROAD.

8. THE DISTRICT LAND ACQUISITION SECTION SHALL BE CONTACTED IF DIFFERENCES ARE IDENTIFIED BETWEEN ANY PROPOSED RIGHT-OF-WAY OR EASEMENT SHOWN ON THE ENGINEERING PLAN SHEETS AS COMPARED TO THE SAME PROPOSED RIGHT-OF-WAY OR EASEMENT SHOWN ON THE PLAT OF HIGHWAYS. QUESTIONS OR CONCERNS REGARDING THESE ITEMS SHOULD BE DIRECTED TO CLINT MARSHALL AT (618) 346-3124.

9. ALL EXISTING AND PROPOSED RIGHT-OF-WAY LINES AND PROPERTY LINES SHOWN ON THE ROADWAY PLAN SHEETS ARE GRAPHICAL REPRESENTATIONS AND SHALL NOT BE USED AS A MEANS TO ESTABLISH OWNERSHIP. IN ALL MATTERS RELATING TO RIGHT-OF-WAY, THE PLAT OF HIGHWAYS SHALL BE THE CONTROLLING DOCUMENT.

10. IF ANY SECTION OR SUB-SECTION MONUMENT (I.E. STONE, BRASS PLUG, ALUMINUM DISK, IRON PIPE OR PIN, MAG NAIL, CROSS, ETC.), IS ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENT IS REMOVED OR RESURFACED OVER. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE THE MONUMENT IN PLACE UNTIL AN ILLINOIS PROFESSIONAL LAND SURVEYOR WITH A DEPARTMENT PREQUALIFICATION IN "SPECIAL SERVICES - SURVEYING" HAS REFERENCED ITS LOCATION.

10. ALL SECTION CORNER, RIGHT-OF-WAY AND PROPERTY CORNER MONUMENTS SHALL BE SET BY AN ILLINOIS PROFESSIONAL LAND SURVEYOR WITH A DEPARTMENT PREQUALIFICATION IN "SPECIAL SERVICES - SURVEYING."

11. THE RIGHT-OF-WAY OR PROPERTY CORNER IS MONUMENTED WITH A 5/8" IRON ROD, THIRTY INCHES (30") IN LENGTH, WITH AN IDOT ALUMINUM CAP, OR OTHER PRE-EXISTING CORNER MONUMENT, WHICH SHALL NOT BE REMOVED, DAMAGED OR DISTURBED WHEN SETTING THE RIGHT-OF-WAY MARKER. THE RIGHT-OF-WAY MARKER SHALL BE INSTALLED SO THAT THE BACK OF THE POST IS TWELVE INCHES (12") INSIDE THE RIGHT-OF-WAY BOUNDARY. THE RIGHT-OF-WAY MARKER SHALL BE A WITNESS TO THE MONUMENT.

HMA MIX CHART

MIXTURE USE	SURFACE	BASE COURSE WIDE		SHOULDER ≤ 8 FEET WIDE	
		BINDER	BINDER	SHOULDER (LOWER)	SHOULDER (SURFACE)
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ NDES=70	4.0% @ NDES=70	4.0% @ NDES=70	4.0% @ NDES=30	4.0% @ NDES=30
MIX COMPOSITION (GRADATION)	IL 9.5	IL 19.0	IL 19.0	IL 19.0L	IL 9.5L
FRICTION AGG	MIXTURE "D"	MIXTURE "B"	MIXTURE "B"		
QUALITY MGMT PROGRAM	QC/QA	QC/QA	QC/QA	QC/QA	QC/QA
MATERIAL TRANSFER DEVICE REQUIRED?	NO	NO	NO	NO	NO

REV - MS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHWAY STANDARDS, GENERAL NOTES,
MIXTURE REQUIREMENTS AND COMMITMENTS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	2
			CONTRACT NO. 76N47	
ILLINOIS FED. AID PROJECT				

SCALE: NTS SHEET 1 OF 1 SHEETS STA. TO STA.

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CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				90% FEDERAL	10% STATE
				SAFETY	
				0021	
				RURAL	
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	20	20	
20200100	EARTH EXCAVATION	CU YD	6085	6085	
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	254	254	
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	4620	4620	
25000210	SEEDING, CLASS 2A	ACRE	2.5	2.5	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	230	230	
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	230	230	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	230	230	
25100630	EROSION CONTROL BLANKET	SQ YD	10820	10820	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	770	770	
28000305	TEMPORARY DITCH CHECKS	FOOT	432	432	
28000400	PERIMETER EROSION BARRIER	FOOT	3579	3579	
28000500	INLET AND PIPE PROTECTION	EACH	6	6	
28100207	STONE RIPRAP, CLASS A4	TON	309	309	

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 1 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	3
CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				90% FEDERAL	10% STATE
				SAFETY	
				0021	
				RURAL	
28200200	FILTER FABRIC	SQ YD	463	463	
31100100	SUBBASE GRANULAR MATERIAL, TYPE A	TON	2829	2829	
31100910	SUBBASE GRANULAR MATERIAL, TYPE A 12"	SQ YD	4924	4924	
35501313	HOT-MIX ASPHALT BASE COURSE, 7 1/4"	SQ YD	222	222	
35501322	HOT-MIX ASPHALT BASE COURSE, 9 1/2"	SQ YD	3454	3454	
40200500	AGGREGATE SURFACE COURSE, TYPE A 6"	SQ YD	208	208	
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	73	73	
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	11080	11080	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	4948	4948	
40600370	LONGITUDINAL JOINT SEALANT	FOOT	6394	6394	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	102	102	
40600990	TEMPORARY RAMP	SQ YD	49	49	
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	484	484	
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	584	584	

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE:				SHEET 2	OF 7	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	4
CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				90% FEDERAL	10% STATE
				SAFETY	
				0021	
				RURAL	
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	128	128	
44000100	PAVEMENT REMOVAL	SQ YD	1062	1062	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	125	125	
48203041	HOT-MIX ASPHALT SHOULDERS, 11"	SQ YD	885	885	
48203100	HOT-MIX ASPHALT SHOULDERS	TON	28	28	
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1	1	
50102400	CONCRETE REMOVAL	CU YD	1.1	1.1	
50105220	PIPE CULVERT REMOVAL	FOOT	156	156	
50800105	REINFORCEMENT BARS	POUND	31690	31690	
54002020	EXPANSION BOLTS 3/4 INCH	EACH	28	28	
54003000	CONCRETE BOX CULVERTS	CU YD	181.4	181.4	
54213450	END SECTIONS 15"	EACH	6	6	
542D1060	PIPE CULVERTS, CLASS D, TYPE 2 15"	FOOT	176	176	
58600101	GRANULAR BACKFILL FOR STRUCTURES	CU YD	2378	2378	

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 3 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	5
CONTRACT NO. 76N47			ILLINOIS FED. AID PROJECT	

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				90% FEDERAL 10% STATE	SAFETY
				0021	
				RURAL	
60905305	BOX CULVERTS TO BE CLEANED	FOOT	41.2	41.2	
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	2788	2788	
66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	17	17	
*	66900200 NON-SPECIAL WASTE DISPOSAL	CU YD	410	410	
*	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	20	20	
	67000400 ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	9	9	
	67100100 MOBILIZATION	L SUM	1	1	
	70100455 TRAFFIC CONTROL AND PROTECTION, STANDARD 701206	L SUM	1	1	
	70100460 TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1	
	70107025 CHANGEABLE MESSAGE SIGN	CAL DA	56	56	
	70200100 NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1	

* SPECIALTY ITEM

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 4 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	6
CONTRACT NO. 76N47			ILLINOIS FED. AID PROJECT	

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				90% FEDERAL	10% STATE
				SAFETY	
				0021	
				RURAL	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	257	257	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	86	86	
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	125	125	
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	9404	9404	
70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	308	308	
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	44	44	
* 72000100	SIGN PANEL - TYPE 1	SQ FT	66	66	
* 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	1	1	
* 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	45	45	
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	204	204	
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	125	125	
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	9404	9404	
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	308	308	
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	44	44	

* SPECIALTY ITEM

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES
SCALE: SHEET 5 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	7
CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				90% FEDERAL	10% STATE
				SAFETY	
				0021	
				RURAL	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	100	100	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	20	20	
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	5237	5237	
X0323569	STEEL POST REMOVAL	EACH	3	3	
X5810103	MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES	SQ YD	47	47	
X2020410	EARTH EXCAVATION (SPECIAL)	CU YD	2920	2920	
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	3513	3513	
X4404000	PARKING LOT PAVEMENT REMOVAL	SQ YD	401	401	
X4404260	PAVED SHOULDER REMOVAL (SPECIAL)	SQ YD	1253	1253	
X5010205	REMOVAL OF EXISTING STRUCTURE, SPECIAL	EACH	1	1	
X6660410	REMOVE RIGHT-OF-WAY MARKERS	EACH	2	2	
X6660445	RIGHT OF WAY AND PROPERTY CORNERS	EACH	16	16	
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1	
X7240302	REMOVE SIGN (SPECIAL)	EACH	1	1	

* SPECIALTY ITEM

REV - MS

MODEL: D:\dwg\18 - IL 160 at Westin.L1\11 CAD - DWG\4 7 TranCAD_Sheets\B76N47-1-1-500.dwg



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IL DESIGN FIRM
LICENSE NO: 184-001220

USER NAME = dlee
PLOT SCALE = 2.0000' / in.
PLOT DATE = 8/5/2024

DESIGNED -
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DATE -

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 6 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	8
			CONTRACT NO. 76N47	
ILLINOIS FED. AID PROJECT				

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				90% FEDERAL	10% STATE
				SAFETY	
				0021	
				RURAL	
* X8030110	LOCATING UNDERGROUND CABLE, SPECIAL	EACH	2	2	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	
Z0016702	DETOUR SIGNING	L SUM	1	1	
* Z0054505	ROCK FILL - REPLACEMENT	TON	26	26	
* Z0054517	ROCK FILL - FOUNDATION	TON	511	511	
Z0064505	SECTION CORNER MARKERS	EACH	2	2	
Z0077803	REMOVE WOOD POST	EACH	7	7	
48101624	AGGREGATE SHOULDERS, TYPE B 11"	SQ YD	1388	1388	
∅ Z0076600	TRAINEES	HOUR	1000	1000	
∅ Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1000	1000	

* SPECIALTY ITEM ∅ 0042

REV - MS

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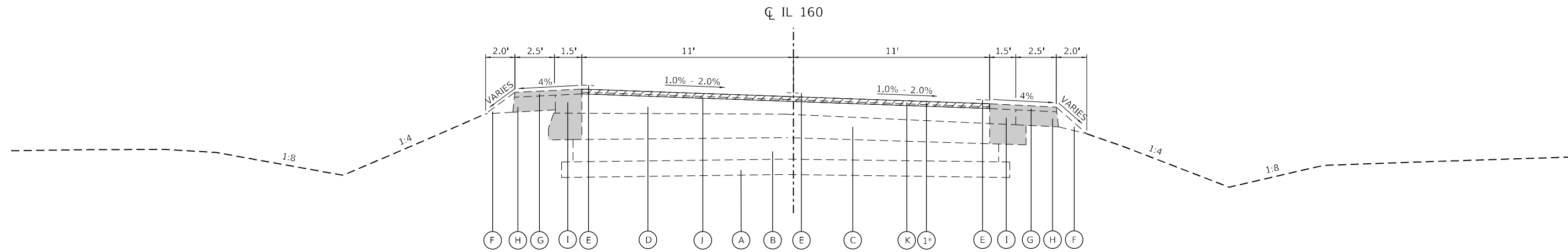


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PLOT SCALE = 2.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 8/5/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE:	SHEET 7	OF 7 SHEETS	STA. TO STA.

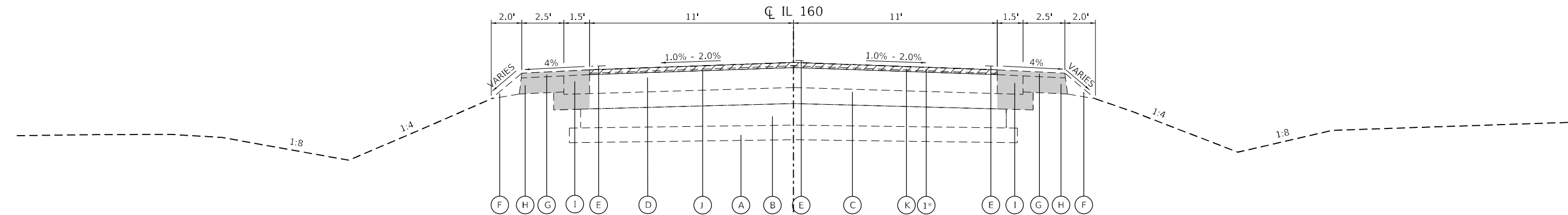
F.A.P. RTE. 690	SECTION 481W-1	COUNTY CLINTON	TOTAL SHEETS 100	SHEET NO. 9
ILLINOIS FED. AID PROJECT				CONTRACT NO. 76N47



EXISTING TYPICAL SECTION

STA. 629+99.65 TO STA. 633+61.00

* SEE IL 160 HMA SURFACE REMOVAL AND HMA RESURFACING SCHEDULE



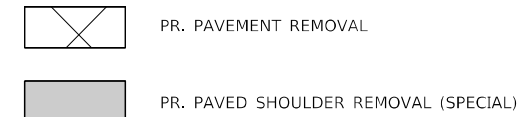
EXISTING TYPICAL SECTION

STA. 633+61.00 TO STA. 635+63.19

STA. 636+52.97 TO STA. 639+45.00

TYPICAL SECTION LEGEND

- | | | |
|---|--|--|
| (A) EXISTING SUBBASE GRANULAR MATERIAL, 5" | (1) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH | (14) PROPOSED AGGREGATE SHOULDERS, TYPE B 11" |
| (B) EXISTING GRAVEL OR CRUSHED STONE BASE COURSE, (VAR. 5" TO 6") | (2) PROPOSED EARTH EXCAVATION | (15) PROPOSED SHOULDER RUMBLE STRIPS, 8" |
| (C) EXISTING HMA OVERLAY, (VAR. 7.25" TO 8.75" BASED ON CORES) | (3) PROPOSED FURNISHED EXCAVATION | (16) PROPOSED THERMOPLASTIC PAVEMENT MARKING - LINE 6" |
| (D) EXISTING HMA SURFACE COURSE | (4) PROPOSED BITUMINOUS MATERIALS (TACK COAT) | (17) PROPOSED GRANULAR BACKFILL FOR STRUCTURES (SEE DETAILS) |
| (E) EXISTING THERMOPLASTIC PAVEMENT MARKING, LINE 4" | (5) PROPOSED BITUMINOUS MATERIALS (PRIME COAT) | (18) PROPOSED LONGITUDINAL JOINT SEALANT (SEE LJS NOTES) |
| (F) EXISTING AGGREGATE WEDGE SHOULDERS, TYPE B | (6) PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2.25" | (19) PROPOSED GEOTECHNICAL FABRIC FOR GROUND STABILIZATION |
| (G) EXISTING HMA SHOULDERS, 2.25" | (7) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A, 12" | (20) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A (SEE SPECIAL PROVISIONS) |
| (H) EXISTING HMA SHOULDERS, 5.75" | (8) PROPOSED HOT-MIX ASPHALT BASE COURSE, 9 1/2" | (21) PROPOSED PROOF ROLLING (SEE SPECIAL PROVISIONS) |
| (I) EXISTING HMA SHOULDERS, 6" | (9) PROPOSED HOT-MIX ASPHALT BASE COURSE, 7 1/4" | |
| (J) EXISTING LEVELING BINDER, 0.75" | (10) PROPOSED ROCK FILL - REPLACEMENT (SEE DETAILS) | |
| (K) EXISTING HMA SURFACE COURSE, 1.5" | (11) PROPOSED HOT-MIX ASPHALT SHOULDERS, 11" | |
| (L) EXISTING OIL & CHIP SURFACE | (12) PROPOSED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 1.5" | |
| (M) EXISTING HMA PAVEMENT, 8.5" AND VARIES | (13) PROPOSED HOT-MIX ASPHALT SHOULDERS, 1.5" | |



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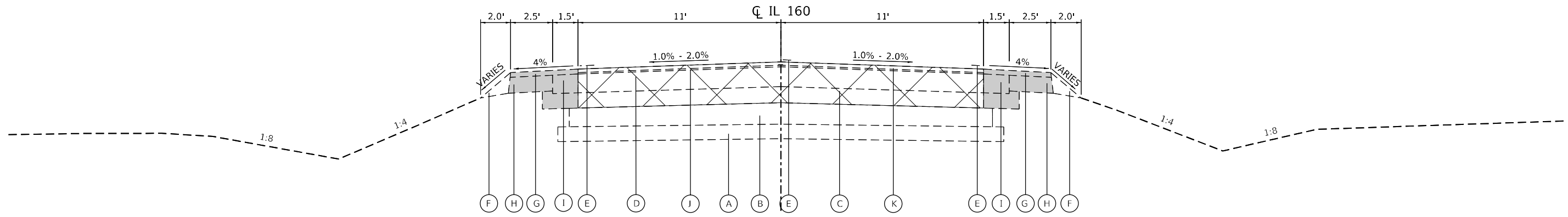
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PLOT DATE = 11/16/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING TYPICAL SECTIONS
IL ROUTE 160**

SCALE: N.T.S. SHEET 1 OF 4 SHEETS STA. TO STA.

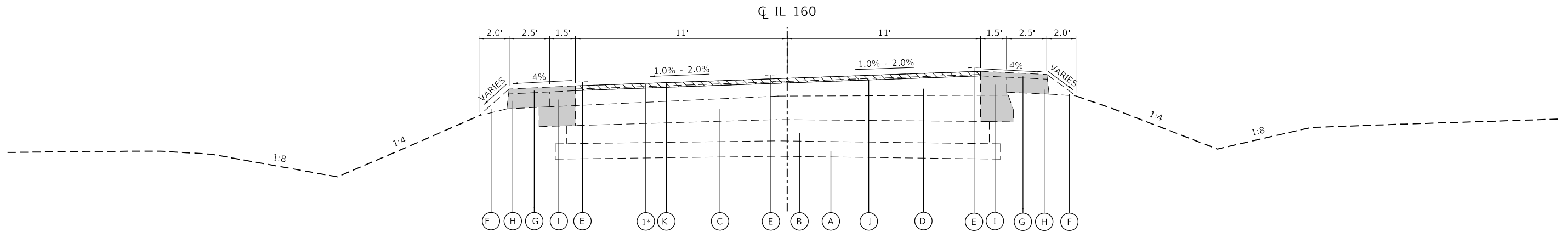
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	10
CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL SECTION

STA. 635+63.19 TO STA. 636+52.97

* SEE IL 160 HMA SURFACE REMOVAL AND HMA RESURFACING SCHEDULE



EXISTING TYPICAL SECTION

STA. 639+45.00 TO STA. 645+54.00

TYPICAL SECTION LEGEND

- | | | | |
|---|---|---|--|
| <ul style="list-style-type: none"> (A) EXISTING SUBBASE GRANULAR MATERIAL, 5" (B) EXISTING GRAVEL OR CRUSHED STONE BASE COURSE, (VAR. 5" TO 6") (C) EXISTING HMA OVERLAY, (VAR. 7.25" TO 8.75" BASED ON CORES) (D) EXISTING HMA SURFACE COURSE (E) EXISTING THERMOPLASTIC PAVEMENT MARKING, LINE 4" (F) EXISTING AGGREGATE WEDGE SHOULDERS, TYPE B (G) EXISTING HMA SHOULDERS, 2.25" (H) EXISTING HMA SHOULDERS, 5.75" (I) EXISTING HMA SHOULDERS, 6" (J) EXISTING LEVELING BINDER, 0.75" (K) EXISTING HMA SURFACE COURSE, 1.5" (L) EXISTING OIL & CHIP SURFACE (M) EXISTING HMA PAVEMENT, 8.5" AND VARIES | <ul style="list-style-type: none"> (1) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH (2) PROPOSED EARTH EXCAVATION (3) PROPOSED FURNISHED EXCAVATION (4) PROPOSED BITUMINOUS MATERIALS (TACK COAT) (5) PROPOSED BITUMINOUS MATERIALS (PRIME COAT) (6) PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2.25" (7) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A, 12" (8) PROPOSED HOT-MIX ASPHALT BASE COURSE, 9 1/2" (9) PROPOSED HOT-MIX ASPHALT BASE COURSE, 7 1/4" (10) PROPOSED ROCK FILL - REPLACEMENT (SEE DETAILS) (11) PROPOSED HOT-MIX ASPHALT SHOULDERS, 11" (12) PROPOSED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 1.5" (13) PROPOSED HOT-MIX ASPHALT SHOULDERS, 1.5" | <ul style="list-style-type: none"> (14) PROPOSED AGGREGATE SHOULDERS, TYPE B 11" (15) PROPOSED SHOULDER RUMBLE STRIPS, 8" (16) PROPOSED THERMOPLASTIC PAVEMENT MARKING - LINE 6" (17) PROPOSED GRANULAR BACKFILL FOR STRUCTURES (SEE DETAILS) (18) PROPOSED LONGITUDINAL JOINT SEALANT (SEE LJS NOTES) (19) PROPOSED GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (20) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A (SEE SPECIAL PROVISIONS) (21) PROPOSED PROOF ROLLING (SEE SPECIAL PROVISIONS) | <ul style="list-style-type: none"> PR. PAVEMENT REMOVAL PR. PAVED SHOULDER REMOVAL (SPECIAL) |
|---|---|---|--|

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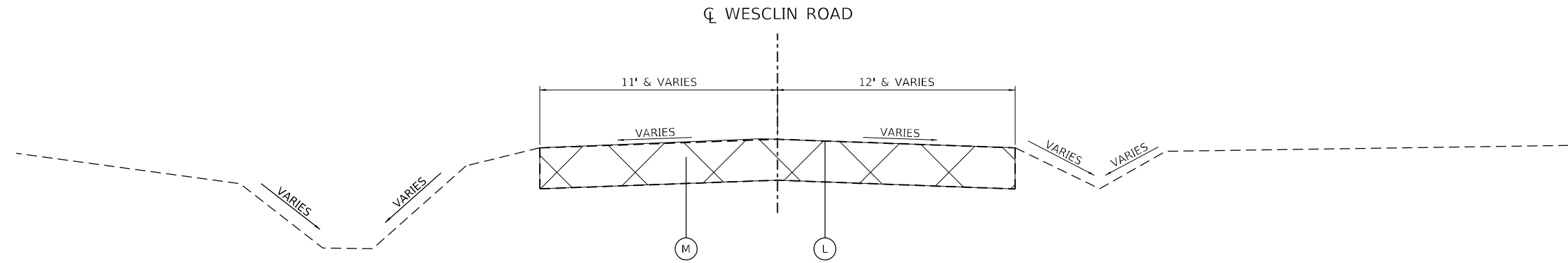
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING TYPICAL SECTIONS
IL ROUTE 160**

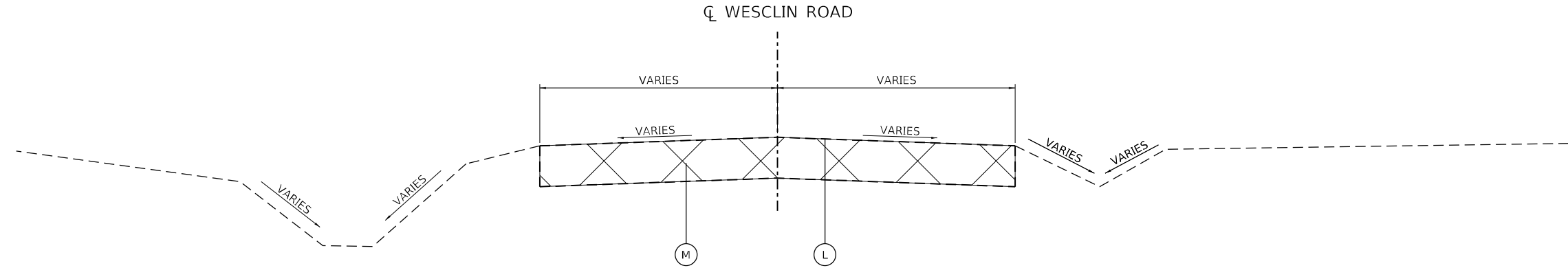
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	11
CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL SECTION

WESCLIN ROAD (WEST)
STA. 2+08.39 TO STA. 3+45.02

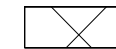


EXISTING TYPICAL SECTION

WESCLIN ROAD (EAST)
STA. 10+11.40 TO STA. 10+36.65

TYPICAL SECTION LEGEND

- | | | |
|---|--|--|
| (A) EXISTING SUBBASE GRANULAR MATERIAL, 5" | (1) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH | (14) PROPOSED AGGREGATE SHOULDERS, TYPE B 11" |
| (B) EXISTING GRAVEL OR CRUSHED STONE BASE COURSE, (VAR. 5" TO 6") | (2) PROPOSED EARTH EXCAVATION | (15) PROPOSED SHOULDER RUMBLE STRIPS, 8" |
| (C) EXISTING HMA OVERLAY, (VAR. 7.25" TO 8.75" BASED ON CORES) | (3) PROPOSED FURNISHED EXCAVATION | (16) PROPOSED THERMOPLASTIC PAVEMENT MARKING - LINE 6" |
| (D) EXISTING HMA SURFACE COURSE | (4) PROPOSED BITUMINOUS MATERIALS (TACK COAT) | (17) PROPOSED GRANULAR BACKFILL FOR STRUCTURES (SEE DETAILS) |
| (E) EXISTING THERMOPLASTIC PAVEMENT MARKING, LINE 4" | (5) PROPOSED BITUMINOUS MATERIALS (PRIME COAT) | (18) PROPOSED LONGITUDINAL JOINT SEALANT (SEE LJS NOTES) |
| (F) EXISTING AGGREGATE WEDGE SHOULDERS, TYPE B | (6) PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2.25" | (19) PROPOSED GEOTECHNICAL FABRIC FOR GROUND STABILIZATION |
| (G) EXISTING HMA SHOULDERS, 2.25" | (7) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A, 12" | (20) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A (SEE SPECIAL PROVISIONS) |
| (H) EXISTING HMA SHOULDERS, 5.75" | (8) PROPOSED HOT-MIX ASPHALT BASE COURSE, 9 1/2" | (21) PROPOSED PROOF ROLLING (SEE SPECIAL PROVISIONS) |
| (I) EXISTING HMA SHOULDERS, 6" | (9) PROPOSED HOT-MIX ASPHALT BASE COURSE, 7 1/4" | |
| (J) EXISTING LEVELING BINDER, 0.75" | (10) PROPOSED ROCK FILL - REPLACEMENT (SEE DETAILS) | |
| (K) EXISTING HMA SURFACE COURSE, 1.5" | (11) PROPOSED HOT-MIX ASPHALT SHOULDERS, 11" | |
| (L) EXISTING OIL & CHIP SURFACE | (12) PROPOSED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 1.5" | |
| (M) EXISTING HMA PAVEMENT, 8.5" AND VARIES | (13) PROPOSED HOT-MIX ASPHALT SHOULDERS, 1.5" | |



PR. PAVEMENT REMOVAL



PR. PAVED SHOULDER REMOVAL (SPECIAL)

MODEL PATH: \\p1202020058118 - IL - 160 - WESCLIN - L11 - S14 - CADD - DWG047_TrafficCAD_Sheets\0876N47-ct-typical.dgn



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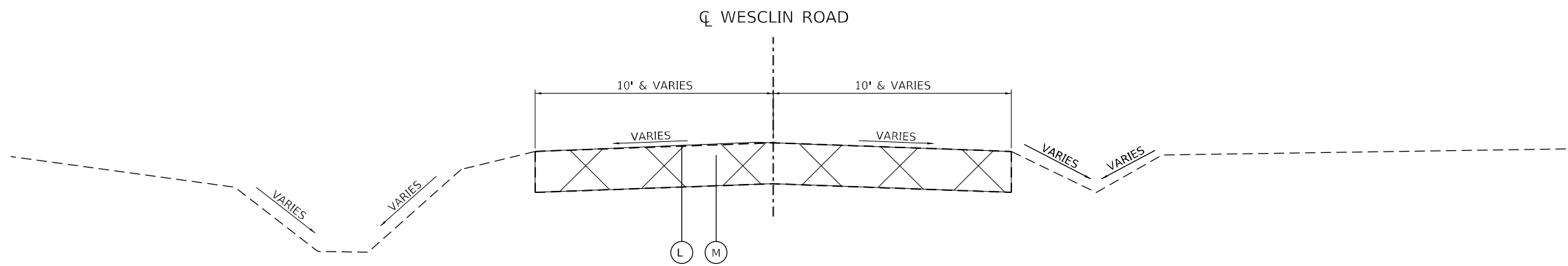
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING TYPICAL SECTIONS
WESCLIN ROAD**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	12
CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				

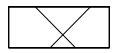


EXISTING TYPICAL SECTION

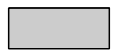
WESCLIN ROAD (EAST)
STA. 10+36.65 TO STA. 11+49.25

TYPICAL SECTION LEGEND

- | | | |
|---|--|---|
| (A) EXISTING SUBBASE GRANULAR MATERIAL, 5" | (1) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH | (14) PROPOSED AGGREGATE SHOULDERS, TYPE B 11" |
| (B) EXISTING GRAVEL OR CRUSHED STONE BASE COURSE, (VAR. 5" TO 6") | (2) PROPOSED EARTH EXCAVATION | (15) PROPOSED SHOULDER RUMBLE STRIPS, 8" |
| (C) EXISTING HMA OVERLAY, (VAR. 7.25" TO 8.75" BASED ON CORES) | (3) PROPOSED FURNISHED EXCAVATION | (16) PROPOSED THERMOPLASTIC PAVEMENT MARKING - LINE 6" |
| (D) EXISTING HMA SURFACE COURSE | (4) PROPOSED BITUMINOUS MATERIALS (TACK COAT) | (17) PROPOSED GRANULAR BACKFILL FOR STRUCTURES (SEE DETAILS) |
| (E) EXISTING THERMOPLASTIC PAVEMENT MARKING, LINE 4" | (5) PROPOSED BITUMINOUS MATERIALS (PRIME COAT) | (18) PROPOSED LONGITUDINAL JOINT SEALANT (SEE LJS NOTES) |
| (F) EXISTING AGGREGATE WEDGE SHOULDERS, TYPE B | (6) PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2.25" | (19) PROPOSED GEOTECHNICAL FABRIC FOR GROUND STABILIZATION |
| (G) EXISTING HMA SHOULDERS, 2.25" | (7) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A, 12" | (20) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A
(SEE SPECIAL PROVISIONS) |
| (H) EXISTING HMA SHOULDERS, 5.75" | (8) PROPOSED HOT-MIX ASPHALT BASE COURSE, 9 1/2" | (21) PROPOSED PROOF ROLLING (SEE SPECIAL PROVISIONS) |
| (I) EXISTING HMA SHOULDERS, 6" | (9) PROPOSED HOT-MIX ASPHALT BASE COURSE, 7 1/4" | |
| (J) EXISTING LEVELING BINDER, 0.75" | (10) PROPOSED ROCK FILL - REPLACEMENT (SEE DETAILS) | |
| (K) EXISTING HMA SURFACE COURSE, 1.5" | (11) PROPOSED HOT-MIX ASPHALT SHOULDERS, 11" | |
| (L) EXISTING OIL & CHIP SURFACE | (12) PROPOSED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 1.5" | |
| (M) EXISTING HMA PAVEMENT, 8.5" AND VARIES | (13) PROPOSED HOT-MIX ASPHALT SHOULDERS, 1.5" | |



PR. PAVEMENT REMOVAL



PR. PAVED SHOULDER REMOVAL (SPECIAL)

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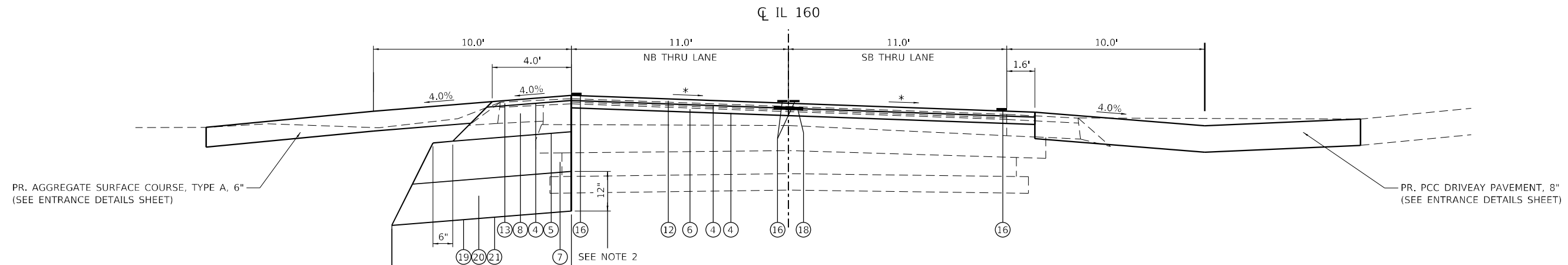
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING TYPICAL SECTIONS
WESCLIN ROAD**

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

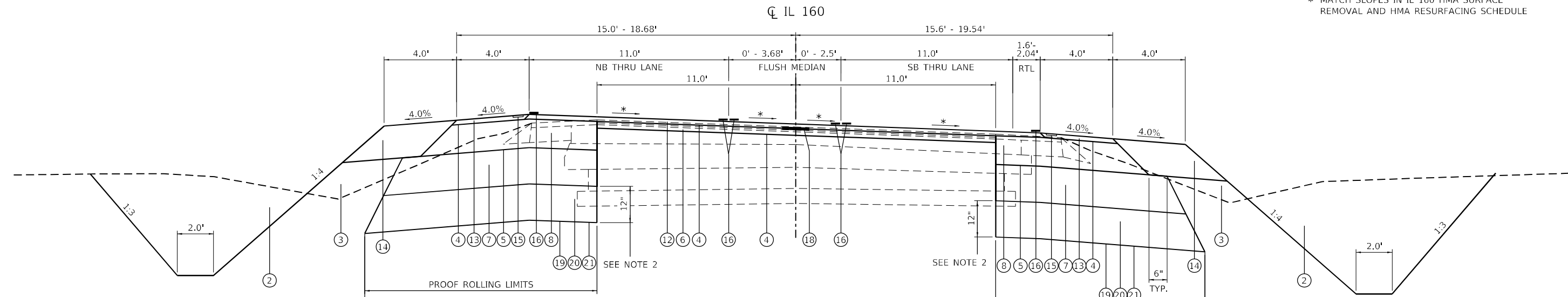
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	13
CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				



PROPOSED TYPICAL SECTION

STA. 629+99.65 LT TO STA. 630+54.67 LT
 STA. 629+99.65 RT TO STA. 630+54.67 RT

* MATCH SLOPES IN IL 160 HMA SURFACE REMOVAL AND HMA RESURFACING SCHEDULE



PROPOSED TYPICAL SECTION

STA. 630+54.67 LT TO STA. 632+79.05 LT
 STA. 630+54.67 RT TO STA. 631+27.86 RT

TYPICAL SECTION LEGEND

- (A) EXISTING SUBBASE GRANULAR MATERIAL, 5"
- (B) EXISTING GRAVEL OR CRUSHED STONE BASE COURSE, (VAR. 5" TO 6")
- (C) EXISTING HMA OVERLAY, (VAR. 7.25" TO 8.75" BASED ON CORES)
- (D) EXISTING HMA SURFACE COURSE
- (E) EXISTING THERMOPLASTIC PAVEMENT MARKING, LINE 4"
- (F) EXISTING AGGREGATE WEDGE SHOULDERS, TYPE B
- (G) EXISTING HMA SHOULDERS, 2.25"
- (H) EXISTING HMA SHOULDERS, 5.75"
- (I) EXISTING HMA SHOULDERS, 6"
- (J) EXISTING LEVELING BINDER, 0.75"
- (K) EXISTING HMA SURFACE COURSE, 1.5"
- (L) EXISTING OIL & CHIP SURFACE
- (M) EXISTING HMA PAVEMENT, 8.5" AND VARIES

- (1) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- (2) PROPOSED EARTH EXCAVATION
- (3) PROPOSED FURNISHED EXCAVATION
- (4) PROPOSED BITUMINOUS MATERIALS (TACK COAT)
- (5) PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- (6) PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2.25"
- (7) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A, 12"
- (8) PROPOSED HOT-MIX ASPHALT BASE COURSE, 9 1/2"
- (9) PROPOSED HOT-MIX ASPHALT BASE COURSE, 7 1/4"
- (10) PROPOSED ROCK FILL - REPLACEMENT (SEE DETAILS)
- (11) PROPOSED HOT-MIX ASPHALT SHOULDERS, 11"
- (12) PROPOSED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 1.5"
- (13) PROPOSED HOT-MIX ASPHALT SHOULDERS, 1.5"

- (14) PROPOSED AGGREGATE SHOULDERS, TYPE B 11"
- (15) PROPOSED SHOULDER RUMBLE STRIPS, 8"
- (16) PROPOSED THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- (17) PROPOSED GRANULAR BACKFILL FOR STRUCTURES (SEE DETAILS)
- (18) PROPOSED LONGITUDINAL JOINT SEALANT (SEE LJS NOTES)
- (19) PROPOSED GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (20) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A (SEE SPECIAL PROVISIONS)
- (21) PROPOSED PROOF ROLLING (SEE SPECIAL PROVISIONS)

LONGITUDINAL JOINT SEALANT (LJS) NOTES

1. PROPOSED LONGITUDINAL JOINT SEALANT SHALL BE APPLIED UNDER ALL HMA SURFACE COURSE JOINTS ON IL 160.
 2. LONGITUDINAL JOINT SEALANT SHALL NOT BE USED ON WESCLIN ROAD.
 3. THE LOCATION OF THE PROPOSED LONGITUDINAL JOINT SEALANT SHALL BE DETERMINED BY THE CONTRACTOR'S HMA SURFACE COURSE RESURFACING SCHEME.
- NOTE 1: THE ANGLE OF REPOSE SHALL BE DETERMINED BY THE CONTRACTOR'S MEANS AND METHODS.
- NOTE 2: THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT OF SOFT SOILS, INCLUDING THE REQUIRED WIDTH AND DEPTH, SHOULD BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION. ADDITIONAL UNDERCUT LOCATIONS MAY BE REQUIRED. UNDERCUT DETERMINATIONS SHOULD BE MADE BY A QUALIFIED GEOTECHNICAL ENGINEER OR SOILS INSPECTOR AT THE TIME OF CONSTRUCTION. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A CONE PENETROMETER (DYNAMIC OR STATIC).

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 IL DESIGN FIRM LICENSE NO: 184-001220

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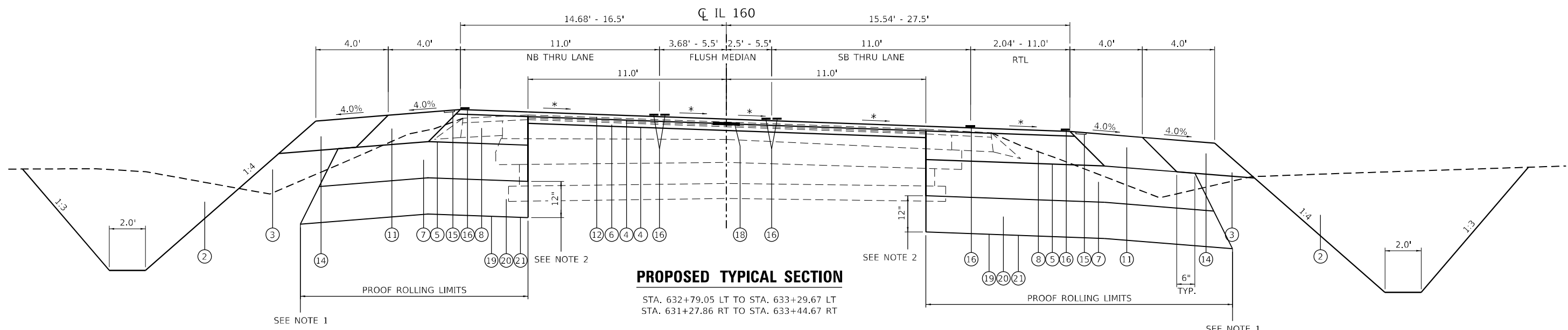
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTIONS
 IL ROUTE 160**

SCALE: NTS SHEET 1 OF 7 SHEETS STA. TO STA.

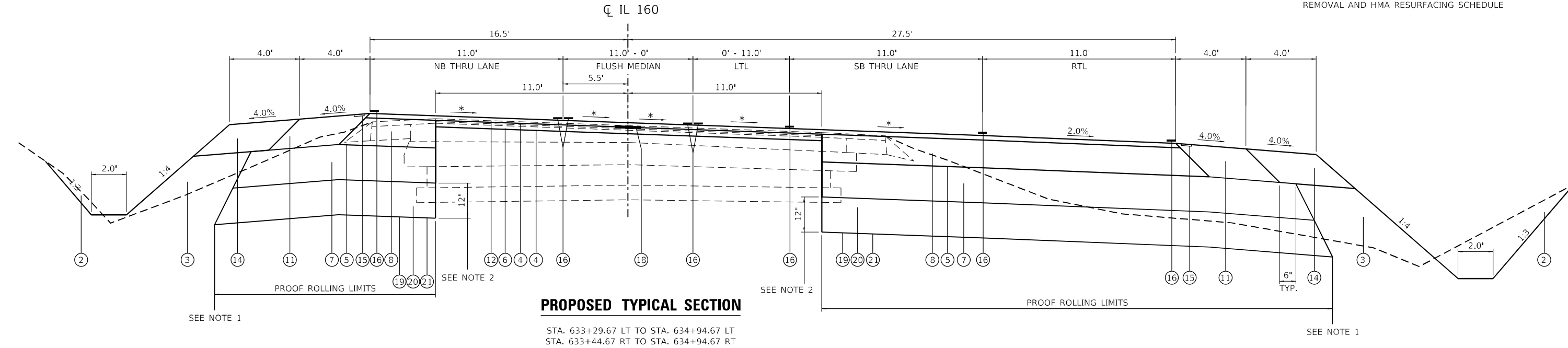
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	14
CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				



PROPOSED TYPICAL SECTION

STA. 632+79.05 LT TO STA. 633+29.67 LT
 STA. 631+27.86 RT TO STA. 633+44.67 RT

* MATCH SLOPES IN IL 160 HMA SURFACE REMOVAL AND HMA RESURFACING SCHEDULE



PROPOSED TYPICAL SECTION

STA. 633+29.67 LT TO STA. 634+94.67 LT
 STA. 633+44.67 RT TO STA. 634+94.67 RT

TYPICAL SECTION LEGEND

- (A) EXISTING SUBBASE GRANULAR MATERIAL, 5"
- (B) EXISTING GRAVEL OR CRUSHED STONE BASE COURSE, (VAR. 5" TO 6")
- (C) EXISTING HMA OVERLAY, (VAR. 7.25" TO 8.75" BASED ON CORES)
- (D) EXISTING HMA SURFACE COURSE
- (E) EXISTING THERMOPLASTIC PAVEMENT MARKING, LINE 4"
- (F) EXISTING AGGREGATE WEDGE SHOULDERS, TYPE B
- (G) EXISTING HMA SHOULDERS, 2.25"
- (H) EXISTING HMA SHOULDERS, 5.75"
- (I) EXISTING HMA SHOULDERS, 6"
- (J) EXISTING LEVELING BINDER, 0.75"
- (K) EXISTING HMA SURFACE COURSE, 1.5"
- (L) EXISTING OIL & CHIP SURFACE
- (M) EXISTING HMA PAVEMENT, 8.5" AND VARIES

- (1) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- (2) PROPOSED EARTH EXCAVATION
- (3) PROPOSED FURNISHED EXCAVATION
- (4) PROPOSED BITUMINOUS MATERIALS (TACK COAT)
- (5) PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- (6) PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2.25"
- (7) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A, 12"
- (8) PROPOSED HOT-MIX ASPHALT BASE COURSE, 9 1/2"
- (9) PROPOSED HOT-MIX ASPHALT BASE COURSE, 7 1/4"
- (10) PROPOSED ROCK FILL - REPLACEMENT (SEE DETAILS)
- (11) PROPOSED HOT-MIX ASPHALT SHOULDERS, 11"
- (12) PROPOSED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 1.5"
- (13) PROPOSED HOT-MIX ASPHALT SHOULDERS, 1.5"

- (14) PROPOSED AGGREGATE SHOULDERS, TYPE B 11"
- (15) PROPOSED SHOULDER RUMBLE STRIPS, 8"
- (16) PROPOSED THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- (17) PROPOSED GRANULAR BACKFILL FOR STRUCTURES (SEE DETAILS)
- (18) PROPOSED LONGITUDINAL JOINT SEALANT (SEE LJS NOTES)
- (19) PROPOSED GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (20) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A (SEE SPECIAL PROVISIONS)
- (21) PROPOSED PROOF ROLLING (SEE SPECIAL PROVISIONS)

LONGITUDINAL JOINT SEALANT (LJS) NOTES

1. PROPOSED LONGITUDINAL JOINT SEALANT SHALL BE APPLIED UNDER ALL HMA SURFACE COURSE JOINTS ON IL 160.
 2. LONGITUDINAL JOINT SEALANT SHALL NOT BE USED ON WESCLIN ROAD.
 3. THE LOCATION OF THE PROPOSED LONGITUDINAL JOINT SEALANT SHALL BE DETERMINED BY THE CONTRACTOR'S HMA SURFACE COURSE RESURFACING SCHEME.
- NOTE 1: THE ANGLE OF REPOSE SHALL BE DETERMINED BY THE CONTRACTOR'S MEANS AND METHODS.
 NOTE 2: THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT OF SOFT SOILS, INCLUDING THE REQUIRED WIDTH AND DEPTH, SHOULD BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION. ADDITIONAL UNDERCUT LOCATIONS MAY BE REQUIRED. UNDERCUT DETERMINATIONS SHOULD BE MADE BY A QUALIFIED GEOTECHNICAL ENGINEER OR SOILS INSPECTOR AT THE TIME OF CONSTRUCTION. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A CONE PENETROMETER (DYNAMIC OR STATIC).

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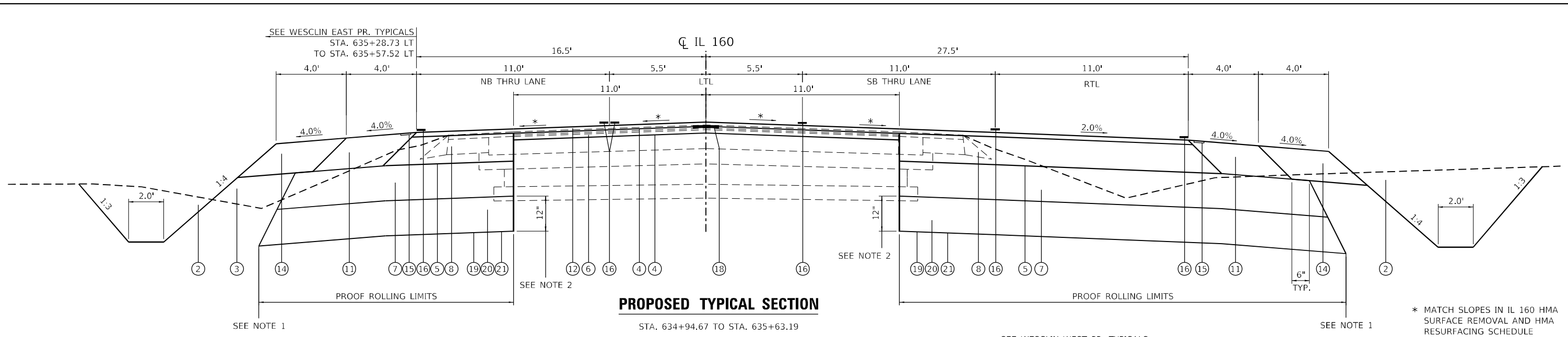
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTIONS
 IL ROUTE 160**

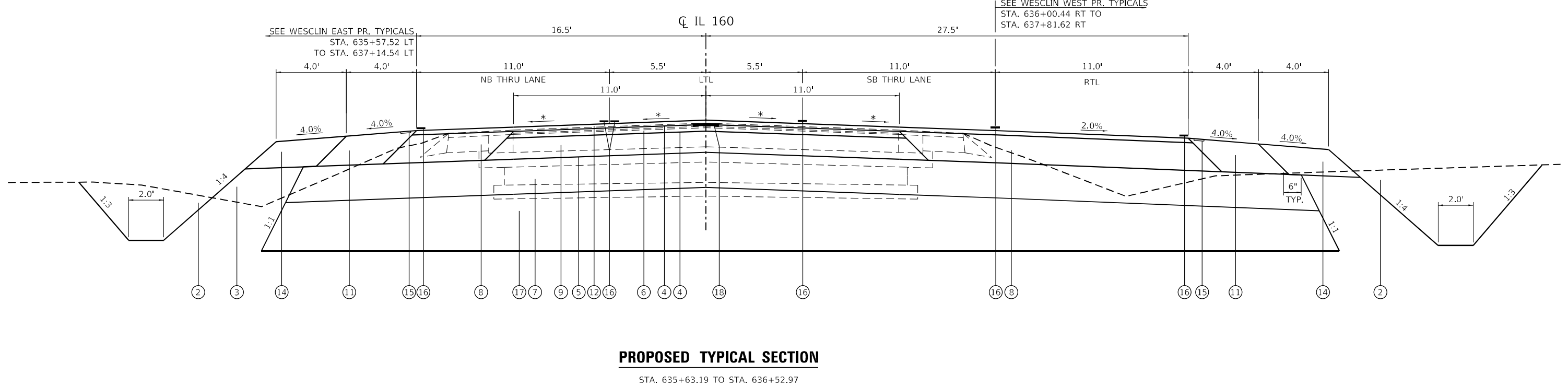
SCALE: NTS SHEET 2 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	15
CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				



PROPOSED TYPICAL SECTION

STA. 634+94.67 TO STA. 635+63.19



PROPOSED TYPICAL SECTION

STA. 635+63.19 TO STA. 636+52.97

TYPICAL SECTION LEGEND

- (A) EXISTING SUBBASE GRANULAR MATERIAL, 5"
- (B) EXISTING GRAVEL OR CRUSHED STONE BASE COURSE, (VAR. 5" TO 6")
- (C) EXISTING HMA OVERLAY, (VAR. 7.25" TO 8.75" BASED ON CORES)
- (D) EXISTING HMA SURFACE COURSE
- (E) EXISTING THERMOPLASTIC PAVEMENT MARKING, LINE 4"
- (F) EXISTING AGGREGATE WEDGE SHOULDERS, TYPE B
- (G) EXISTING HMA SHOULDERS, 2.25"
- (H) EXISTING HMA SHOULDERS, 5.75"
- (I) EXISTING HMA SHOULDERS, 6"
- (J) EXISTING LEVELING BINDER, 0.75"
- (K) EXISTING HMA SURFACE COURSE, 1.5"
- (L) EXISTING OIL & CHIP SURFACE
- (M) EXISTING HMA PAVEMENT, 8.5" AND VARIES

- (1) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- (2) PROPOSED EARTH EXCAVATION
- (3) PROPOSED FURNISHED EXCAVATION
- (4) PROPOSED BITUMINOUS MATERIALS (TACK COAT)
- (5) PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- (6) PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2.25"
- (7) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A, 12"
- (8) PROPOSED HOT-MIX ASPHALT BASE COURSE, 9 1/2"
- (9) PROPOSED HOT-MIX ASPHALT BASE COURSE, 7 1/4"
- (10) PROPOSED ROCK FILL - REPLACEMENT (SEE DETAILS)
- (11) PROPOSED HOT-MIX ASPHALT SHOULDERS, 11"
- (12) PROPOSED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 1.5"
- (13) PROPOSED HOT-MIX ASPHALT SHOULDERS, 1.5"

- (14) PROPOSED AGGREGATE SHOULDERS, TYPE B 11"
- (15) PROPOSED SHOULDER RUMBLE STRIPS, 8"
- (16) PROPOSED THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- (17) PROPOSED GRANULAR BACKFILL FOR STRUCTURES (SEE DETAILS)
- (18) PROPOSED LONGITUDINAL JOINT SEALANT (SEE LJS NOTES)
- (19) PROPOSED GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (20) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A (SEE SPECIAL PROVISIONS)
- (21) PROPOSED PROOF ROLLING (SEE SPECIAL PROVISIONS)

LONGITUDINAL JOINT SEALANT (LJS) NOTES

1. PROPOSED LONGITUDINAL JOINT SEALANT SHALL BE APPLIED UNDER ALL HMA SURFACE COURSE JOINTS ON IL 160.
 2. LONGITUDINAL JOINT SEALANT SHALL NOT BE USED ON WESCLIN ROAD.
 3. THE LOCATION OF THE PROPOSED LONGITUDINAL JOINT SEALANT SHALL BE DETERMINED BY THE CONTRACTOR'S HMA SURFACE COURSE RESURFACING SCHEME.
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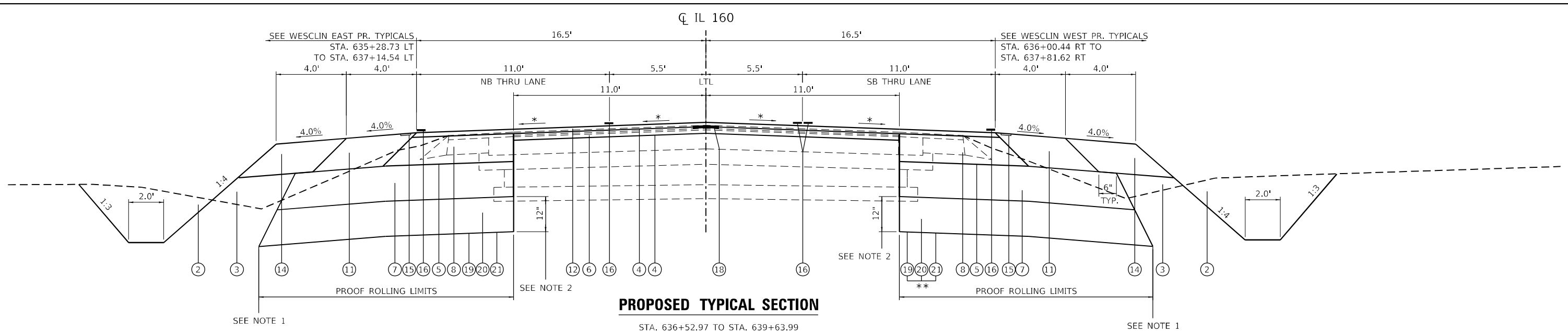
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTIONS
IL ROUTE 160**

SCALE: NTS SHEET 3 OF 7 SHEETS STA. TO STA.

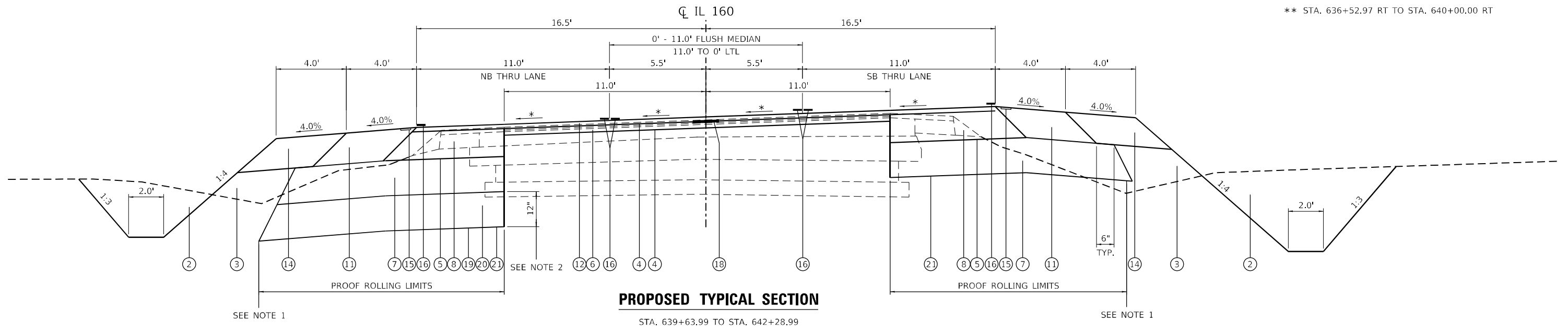
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	16
CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				



PROPOSED TYPICAL SECTION

STA. 636+52.97 TO STA. 639+63.99

* MATCH SLOPES IN IL 160 HMA SURFACE REMOVAL AND HMA RESURFACING SCHEDULE
 ** STA. 636+52.97 RT TO STA. 640+00.00 RT



PROPOSED TYPICAL SECTION

STA. 639+63.99 TO STA. 642+28.99

TYPICAL SECTION LEGEND

- (A) EXISTING SUBBASE GRANULAR MATERIAL, 5"
- (B) EXISTING GRAVEL OR CRUSHED STONE BASE COURSE, (VAR. 5" TO 6")
- (C) EXISTING HMA OVERLAY, (VAR. 7.25" TO 8.75" BASED ON CORES)
- (D) EXISTING HMA SURFACE COURSE
- (E) EXISTING THERMOPLASTIC PAVEMENT MARKING, LINE 4"
- (F) EXISTING AGGREGATE WEDGE SHOULDERS, TYPE B
- (G) EXISTING HMA SHOULDERS, 2.25"
- (H) EXISTING HMA SHOULDERS, 5.75"
- (I) EXISTING HMA SHOULDERS, 6"
- (J) EXISTING LEVELING BINDER, 0.75"
- (K) EXISTING HMA SURFACE COURSE, 1.5"
- (L) EXISTING OIL & CHIP SURFACE
- (M) EXISTING HMA PAVEMENT, 8.5" AND VARIES

- (1) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- (2) PROPOSED EARTH EXCAVATION
- (3) PROPOSED FURNISHED EXCAVATION
- (4) PROPOSED BITUMINOUS MATERIALS (TACK COAT)
- (5) PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- (6) PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2.25"
- (7) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A, 12"
- (8) PROPOSED HOT-MIX ASPHALT BASE COURSE, 9 1/2"
- (9) PROPOSED HOT-MIX ASPHALT BASE COURSE, 7 1/4"
- (10) PROPOSED ROCK FILL - REPLACEMENT (SEE DETAILS)
- (11) PROPOSED HOT-MIX ASPHALT SHOULDERS, 11"
- (12) PROPOSED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 1.5"
- (13) PROPOSED HOT-MIX ASPHALT SHOULDERS, 1.5"

- (14) PROPOSED AGGREGATE SHOULDERS, TYPE B 11"
- (15) PROPOSED SHOULDER RUMBLE STRIPS, 8"
- (16) PROPOSED THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- (17) PROPOSED GRANULAR BACKFILL FOR STRUCTURES (SEE DETAILS)
- (18) PROPOSED LONGITUDINAL JOINT SEALANT (SEE LJS NOTES)
- (19) PROPOSED GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (20) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A (SEE SPECIAL PROVISIONS)
- (21) PROPOSED PROOF ROLLING (SEE SPECIAL PROVISIONS)

LONGITUDINAL JOINT SEALANT (LJS) NOTES

1. PROPOSED LONGITUDINAL JOINT SEALANT SHALL BE APPLIED UNDER ALL HMA SURFACE COURSE JOINTS ON IL 160.
 2. LONGITUDINAL JOINT SEALANT SHALL NOT BE USED ON WESCLIN ROAD.
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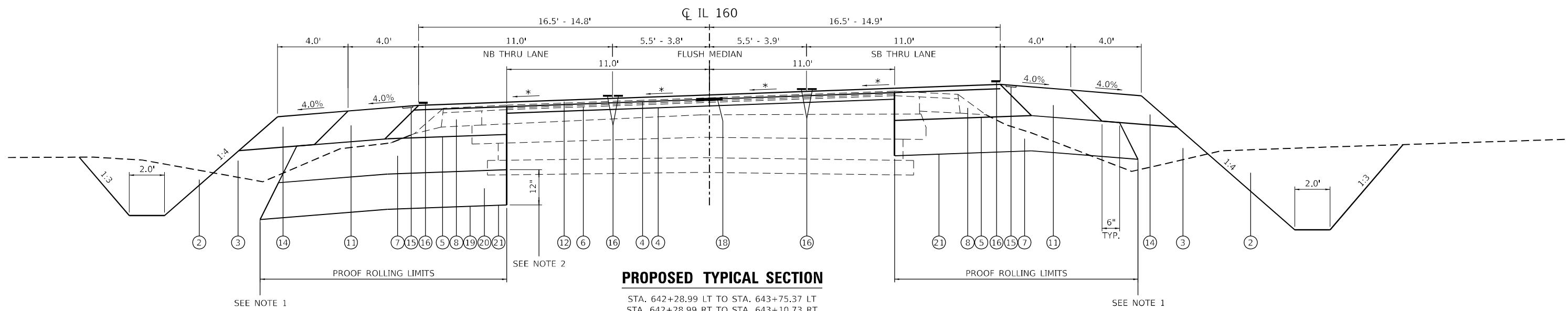
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTIONS
 IL ROUTE 160**

SCALE: NTS SHEET 4 OF 7 SHEETS STA. TO STA.

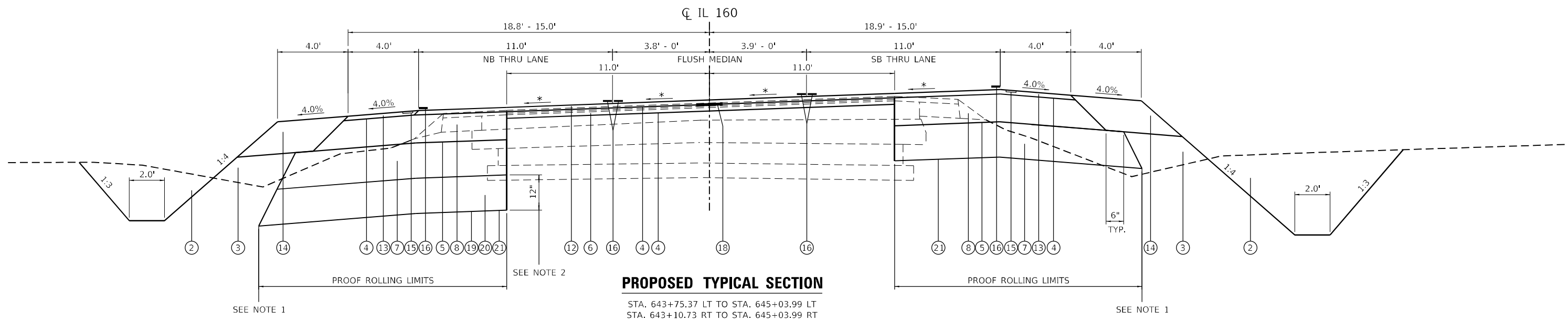
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	17
CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				



PROPOSED TYPICAL SECTION

STA. 642+28.99 LT TO STA. 643+75.37 LT
 STA. 642+28.99 RT TO STA. 643+10.73 RT

* MATCH SLOPES IN IL 160 HMA SURFACE REMOVAL AND HMA RESURFACING SCHEDULE



PROPOSED TYPICAL SECTION

STA. 643+75.37 LT TO STA. 645+03.99 LT
 STA. 643+10.73 RT TO STA. 645+03.99 RT

TYPICAL SECTION LEGEND

- (A) EXISTING SUBBASE GRANULAR MATERIAL, 5"
- (B) EXISTING GRAVEL OR CRUSHED STONE BASE COURSE, (VAR. 5" TO 6")
- (C) EXISTING HMA OVERLAY, (VAR. 7.25" TO 8.75" BASED ON CORES)
- (D) EXISTING HMA SURFACE COURSE
- (E) EXISTING THERMOPLASTIC PAVEMENT MARKING, LINE 4"
- (F) EXISTING AGGREGATE WEDGE SHOULDERS, TYPE B
- (G) EXISTING HMA SHOULDERS, 2.25"
- (H) EXISTING HMA SHOULDERS, 5.75"
- (I) EXISTING HMA SHOULDERS, 6"
- (J) EXISTING LEVELING BINDER, 0.75"
- (K) EXISTING HMA SURFACE COURSE, 1.5"
- (L) EXISTING OIL & CHIP SURFACE
- (M) EXISTING HMA PAVEMENT, 8.5" AND VARIES

- (1) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- (2) PROPOSED EARTH EXCAVATION
- (3) PROPOSED FURNISHED EXCAVATION
- (4) PROPOSED BITUMINOUS MATERIALS (TACK COAT)
- (5) PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- (6) PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2.25"
- (7) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A, 12"
- (8) PROPOSED HOT-MIX ASPHALT BASE COURSE, 9 1/2"
- (9) PROPOSED HOT-MIX ASPHALT BASE COURSE, 7 1/4"
- (10) PROPOSED ROCK FILL - REPLACEMENT (SEE DETAILS)
- (11) PROPOSED HOT-MIX ASPHALT SHOULDERS, 11"
- (12) PROPOSED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 1.5"
- (13) PROPOSED HOT-MIX ASPHALT SHOULDERS, 1.5"

- (14) PROPOSED AGGREGATE SHOULDERS, TYPE B 11"
- (15) PROPOSED SHOULDER RUMBLE STRIPS, 8"
- (16) PROPOSED THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- (17) PROPOSED GRANULAR BACKFILL FOR STRUCTURES (SEE DETAILS)
- (18) PROPOSED LONGITUDINAL JOINT SEALANT (SEE LJS NOTES)
- (19) PROPOSED GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (20) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A (SEE SPECIAL PROVISIONS)
- (21) PROPOSED PROOF ROLLING (SEE SPECIAL PROVISIONS)

LONGITUDINAL JOINT SEALANT (LJS) NOTES

1. PROPOSED LONGITUDINAL JOINT SEALANT SHALL BE APPLIED UNDER ALL HMA SURFACE COURSE JOINTS ON IL 160.
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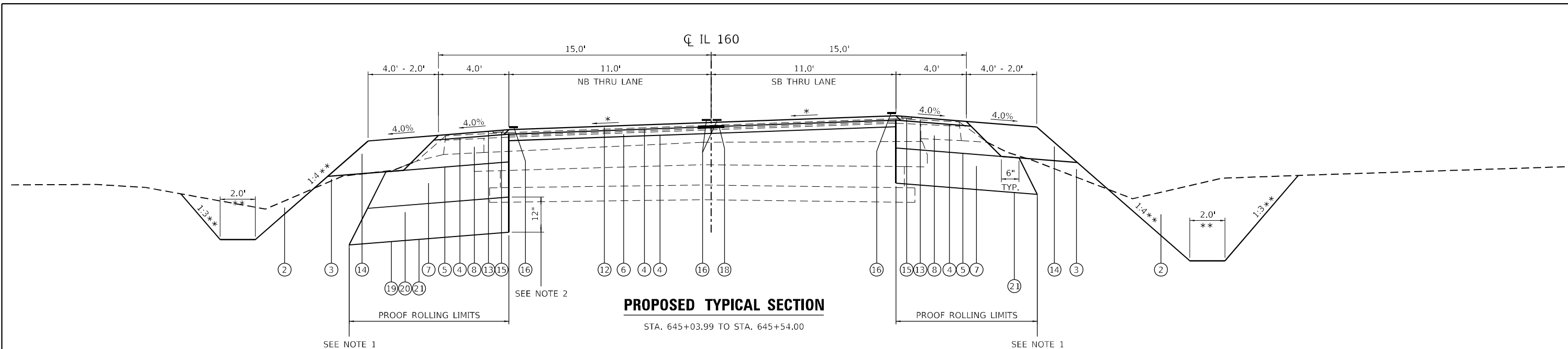
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 IL DESIGN FIRM LICENSE NO: 184-001220

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PLOT DATE = 11/16/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PROPOSED TYPICAL SECTIONS IL ROUTE 160			
SCALE: NTS	SHEET 5	OF 7 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	18
CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				



* MATCH SLOPES IN IL 160 HMA SURFACE REMOVAL AND HMA RESURFACING SCHEDULE
 ** AND VARIES TO MATCH EXISTING SLOPES

TYPICAL SECTION LEGEND

- (A) EXISTING SUBBASE GRANULAR MATERIAL, 5"
- (B) EXISTING GRAVEL OR CRUSHED STONE BASE COURSE, (VAR. 5" TO 6")
- (C) EXISTING HMA OVERLAY, (VAR. 7.25" TO 8.75" BASED ON CORES)
- (D) EXISTING HMA SURFACE COURSE
- (E) EXISTING THERMOPLASTIC PAVEMENT MARKING, LINE 4"
- (F) EXISTING AGGREGATE WEDGE SHOULDERS, TYPE B
- (G) EXISTING HMA SHOULDERS, 2.25"
- (H) EXISTING HMA SHOULDERS, 5.75"
- (I) EXISTING HMA SHOULDERS, 6"
- (J) EXISTING LEVELING BINDER, 0.75"
- (K) EXISTING HMA SURFACE COURSE, 1.5"
- (L) EXISTING OIL & CHIP SURFACE
- (M) EXISTING HMA PAVEMENT, 8.5" AND VARIES

- (1) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- (2) PROPOSED EARTH EXCAVATION
- (3) PROPOSED FURNISHED EXCAVATION
- (4) PROPOSED BITUMINOUS MATERIALS (TACK COAT)
- (5) PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- (6) PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2.25"
- (7) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A, 12"
- (8) PROPOSED HOT-MIX ASPHALT BASE COURSE, 9 1/2"
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- (10) PROPOSED ROCK FILL - REPLACEMENT (SEE DETAILS)
- (11) PROPOSED HOT-MIX ASPHALT SHOULDERS, 11"
- (12) PROPOSED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 1.5"
- (13) PROPOSED HOT-MIX ASPHALT SHOULDERS, 1.5"

- (14) PROPOSED AGGREGATE SHOULDERS, TYPE B 11"
- (15) PROPOSED SHOULDER RUMBLE STRIPS, 8"
- (16) PROPOSED THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- (17) PROPOSED GRANULAR BACKFILL FOR STRUCTURES (SEE DETAILS)
- (18) PROPOSED LONGITUDINAL JOINT SEALANT (SEE LJS NOTES)
- (19) PROPOSED GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (20) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A (SEE SPECIAL PROVISIONS)
- (21) PROPOSED PROOF ROLLING (SEE SPECIAL PROVISIONS)

LONGITUDINAL JOINT SEALANT (LJS) NOTES

1. PROPOSED LONGITUDINAL JOINT SEALANT SHALL BE APPLIED UNDER ALL HMA SURFACE COURSE JOINTS ON IL 160.
 2. LONGITUDINAL JOINT SEALANT SHALL NOT BE USED ON WESCLIN ROAD.
 3. THE LOCATION OF THE PROPOSED LONGITUDINAL JOINT SEALANT SHALL BE DETERMINED BY THE CONTRACTOR'S HMA SURFACE COURSE RESURFACING SCHEME.
- NOTE 1: THE ANGLE OF REPOSE SHALL BE DETERMINED BY THE CONTRACTOR'S MEANS AND METHODS.
- NOTE 2: THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT OF SOFT SOILS, INCLUDING THE REQUIRED WIDTH AND DEPTH, SHOULD BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION. ADDITIONAL UNDERCUT LOCATIONS MAY BE REQUIRED. UNDERCUT DETERMINATIONS SHOULD BE MADE BY A QUALIFIED GEOTECHNICAL ENGINEER OR SOILS INSPECTOR AT THE TIME OF CONSTRUCTION. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A CONE PENETROMETER (DYNAMIC OR STATIC).

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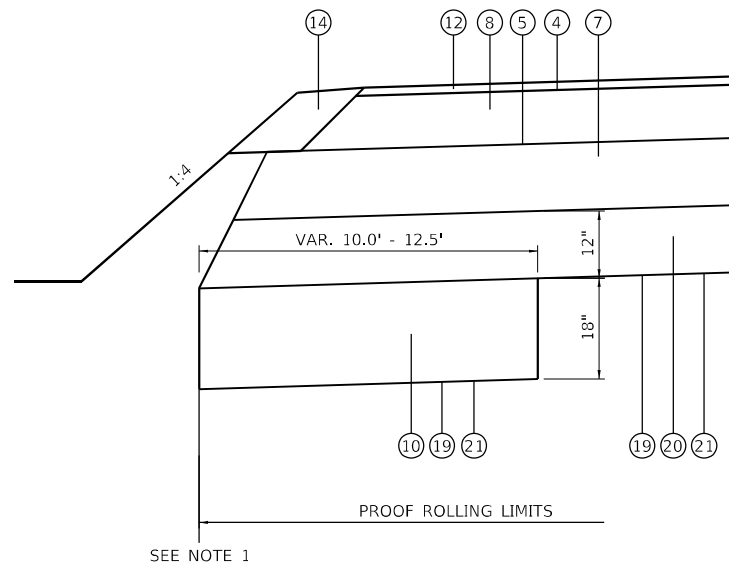
TWM, INC.
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 IL DESIGN FIRM LICENSE NO: 184-001220

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PLOT SCALE = 20,0000 * / in.	DRAWN -	REVISED -
PLOT DATE = 11/16/2023	CHECKED -	REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

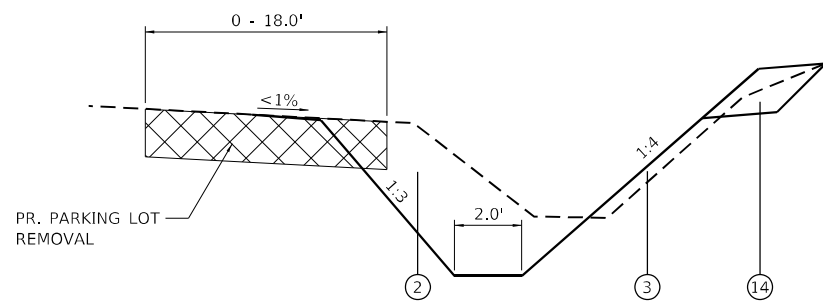
PROPOSED TYPICAL SECTIONS IL ROUTE 160			
SCALE: NTS	SHEET 6	OF 7 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	19
CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				



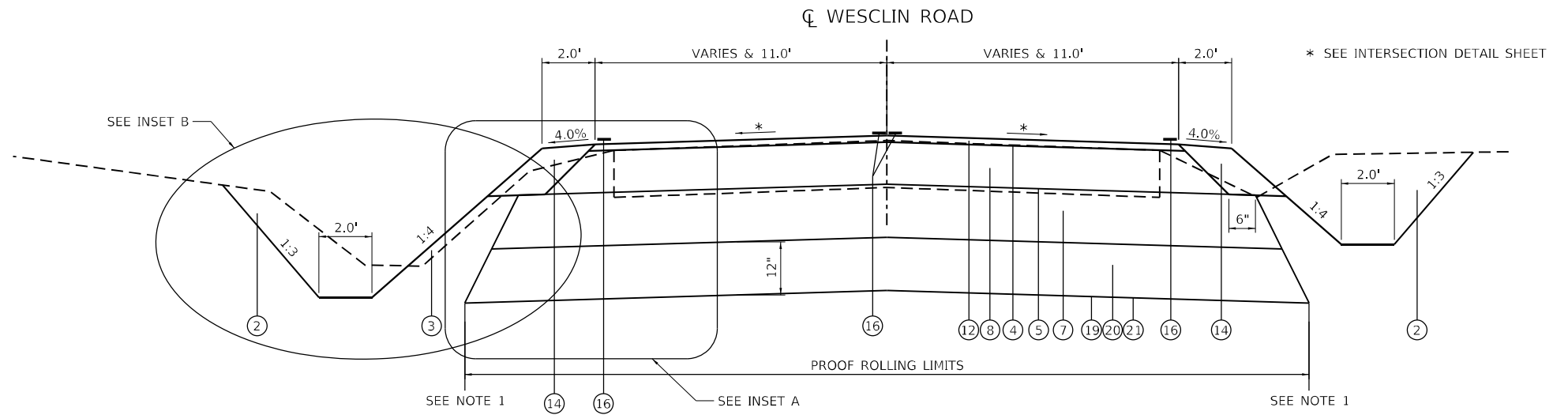
INSET A

WESCLIN ROAD (EAST): STA. 10+60.79 LT TO STA. 10+91.41 LT



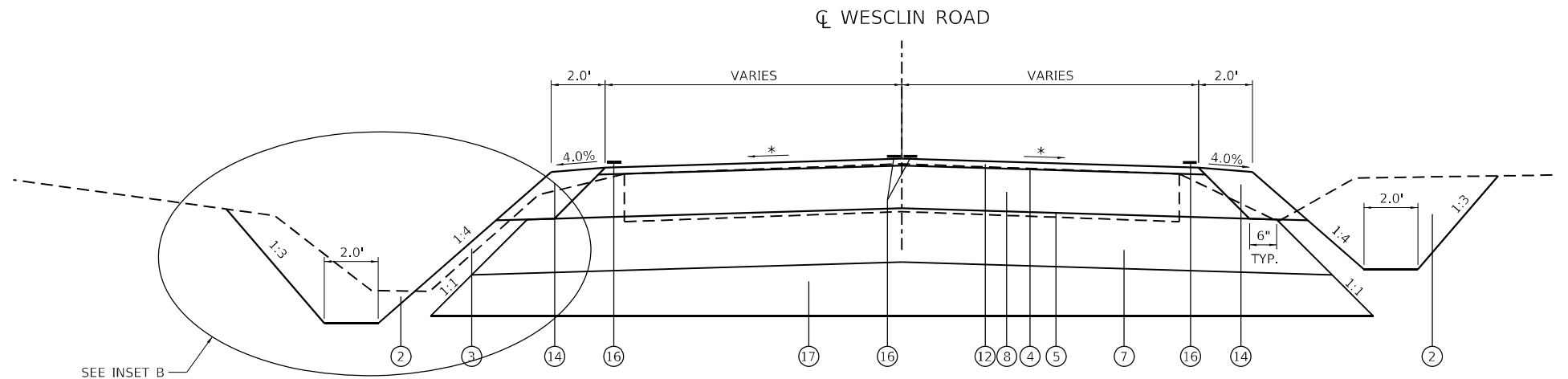
INSET B

STA. 0+75.00 LT TO STA. 2+57.30 LT



PROPOSED TYPICAL SECTION

WESCLIN ROAD (WEST): STA. 2+08.39 TO STA. 2+52.75
 WESCLIN ROAD (WEST): STA. 3+37.62 TO STA. 3+45.02
 WESCLIN ROAD (EAST): STA. 10+11.40 TO STA. 11+49.25



PROPOSED TYPICAL SECTION

WESCLIN ROAD (WEST): STA. 2+52.75 TO STA. 3+37.62

TYPICAL SECTION LEGEND

- (A) EXISTING SUBBASE GRANULAR MATERIAL, 5"
- (B) EXISTING GRAVEL OR CRUSHED STONE BASE COURSE, (VAR. 5" TO 6")
- (C) EXISTING HMA OVERLAY, (VAR. 7.25" TO 8.75" BASED ON CORES)
- (D) EXISTING HMA SURFACE COURSE
- (E) EXISTING THERMOPLASTIC PAVEMENT MARKING, LINE 4"
- (F) EXISTING AGGREGATE WEDGE SHOULDERS, TYPE B
- (G) EXISTING HMA SHOULDERS, 2.25"
- (H) EXISTING HMA SHOULDERS, 5.75"
- (I) EXISTING HMA SHOULDERS, 6"
- (J) EXISTING LEVELING BINDER, 0.75"
- (K) EXISTING HMA SURFACE COURSE, 1.5"
- (L) EXISTING OIL & CHIP SURFACE
- (M) EXISTING HMA PAVEMENT, 8.5" AND VARIES

- (1) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- (2) PROPOSED EARTH EXCAVATION
- (3) PROPOSED FURNISHED EXCAVATION
- (4) PROPOSED BITUMINOUS MATERIALS (TACK COAT)
- (5) PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- (6) PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2.25"
- (7) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A, 12"
- (8) PROPOSED HOT-MIX ASPHALT BASE COURSE, 9 1/2"
- (9) PROPOSED HOT-MIX ASPHALT BASE COURSE, 7 1/4"
- (10) PROPOSED ROCK FILL - REPLACEMENT (SEE DETAILS)
- (11) PROPOSED HOT-MIX ASPHALT SHOULDERS, 11"
- (12) PROPOSED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 1.5"
- (13) PROPOSED HOT-MIX ASPHALT SHOULDERS, 1.5"

- (14) PROPOSED AGGREGATE SHOULDERS, TYPE B 11"
- (15) PROPOSED SHOULDER RUMBLE STRIPS, 8"
- (16) PROPOSED THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- (17) PROPOSED GRANULAR BACKFILL FOR STRUCTURES (SEE DETAILS)
- (18) PROPOSED LONGITUDINAL JOINT SEALANT (SEE LJS NOTES)
- (19) PROPOSED GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (20) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A (SEE SPECIAL PROVISIONS)
- (21) PROPOSED PROOF ROLLING (SEE SPECIAL PROVISIONS)

LONGITUDINAL JOINT SEALANT (LJS) NOTES

1. PROPOSED LONGITUDINAL JOINT SEALANT SHALL BE APPLIED UNDER ALL HMA SURFACE COURSE JOINTS ON IL 160.
2. LONGITUDINAL JOINT SEALANT SHALL NOT BE USED ON WESCLIN ROAD.
3. THE LOCATION OF THE PROPOSED LONGITUDINAL JOINT SEALANT SHALL BE DETERMINED BY THE CONTRACTOR'S HMA SURFACE COURSE RESURFACING SCHEME.

- NOTE 1: THE ANGLE OF REPOSE SHALL BE DETERMINED BY THE CONTRACTOR'S MEANS AND METHODS.
- NOTE 2: THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT OF SOFT SOILS, INCLUDING THE REQUIRED WIDTH AND DEPTH, SHOULD BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION. ADDITIONAL UNDERCUT LOCATIONS MAY BE REQUIRED. UNDERCUT DETERMINATIONS SHOULD BE MADE BY A QUALIFIED GEOTECHNICAL ENGINEER OR SOILS INSPECTOR AT THE TIME OF CONSTRUCTION. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A CONE PENETROMETER (DYNAMIC OR STATIC).

MODEL Path: H:\160_31_Wesclin\11\14 CAD\DWG\4.7_TrafficCAD_Sheets\0876N47-ctb-typical.dwg



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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTIONS
 WESCLIN ROAD**

SCALE: NTS SHEET 7 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	20
CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				

SIGNAGE SCHEDULE									
LOCATION			DESCRIPTION					SIGN PANEL - TYPE 1	TELESCOPING STEEL SIGN SUPPORT
STATION	SIGN	SHAPE	SIZE	SQ FT	FOOT				
IL ROUTE 160									
630+16.72	38.10	RT	One Way R6-2 (W)	REC	18	X	24	3	15.9
630+64.76	36.88	RT	One Way R6-2 (W)	REC	18	X	24	3	16
633+44.49	39.41	RT	Right Turn Lane R3-I100a (W)	REC	24	X	24	4	14
635+36.28	26.75	LT	Illinois 160 M1-I100 (W)	REC	24	X	36	5	14
639+63.48	28.49	LT	School Entrance S4-I106P (Y)	REC	36	X	36	4.5	13.7
641+83.66	22.66	RT	No Passing Zone W14-3 (Y)	TRI	36	X	36 X 48	6.93	17
SUBTOTAL:								26.43	90.6
WESCLIN									
2+15.11	16.87	LT	No Parking R8-3a (W)	REC	24	X	30	5.00	16.1
2+32.28	17.07	LT	"School" S4-3 (Y)	REC	24	X	8	1.33	17.4
			Speed Limit 20 R2-1 (W)	REC	24	X	30	5.00	
			"When Children are Present" S4-2 (W)	REC	24	X	10	1.67	
2+58.09	17.07	LT	No Parking R8-3a (W)	REC	24	X	30	5.00	16.1
2+98.24	30.66	RT	Stop Sign R1-1	OCT	30	X	30	6.25	16.1
10+41.70	40.16	RT	"Wesclin Rd" Street Sign D3-1	REC	8	X	30	1.67	15.3
10+41.70	40.16	RT	"State Rt 160" Street Sign D3-1	REC	8	X	36	2.00	
10+61.71	29.03	LT	Stop Sign R1-1	OCT	30	X	30	6.25	16.3
10+79.82	27.82	RT	"WEIGHT LIMIT 22 TONS" R12-1 (W)	REC	24	X	30	5.00	16.2
SUBTOTAL:								39.17	113.5
TOTAL:								66	204

RIGHT-OF-WAY MARKERS AND SECTION, RIGHT-OF-WAY & PROPERTY CORNERS						
STATION	OFFSET	LT/RT	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	SECTION CORNER MARKERS	RIGHT-OF-WAY AND PROPERTY CORNERS	REMOVE RIGHT-OF-WAY MARKERS
			EACH	EACH	EACH	EACH
629+85.00	38.12	RT	1		1	
632+00.00	55.00	RT	1		1	
635+40.00	112.26	LT	1		1	
635+40.00	134.67	LT	1		1	
635+62.00	75.00	RT	1		1	
635+92.15	105.53	RT			1	
636+03.92	154.43	RT			1	
636+04.24	52.96	RT				1
636+08.59	145.22	LT			1	
636+16.90	96.83	LT		1		
636+18.34	283.65	RT			1	
636+40.87	100.25	RT		1		
636+48.13	151.30	LT	1		1	
636+62.48	277.97	RT			1	
636+68.23	39.80	LT				1
636+82.08	83.86	LT	1		1	
637+12.07	271.59	RT	1		1	
637+17.66	110.49	RT	1		1	
637+26.69	56.34	LT	1		1	
639+00.00	86.92	RT	1			
639+68.51	56.11	LT	1		1	
642+34.26	55.76	LT	1			
645+00.00	55.00	RT	1			
645+00.00	55.45	LT	1			
646+00.00	39.66	RT	1			
646+00.00	40.34	LT	1			
TOTAL:			17	2	16	2

SIGNAGE REMOVAL SCHEDULE									
LOCATION			DESCRIPTION					REMOVE SIGN PANEL - TYPE 1	REMOVE SIGN PANEL ASSEMBLY - TYPE B
STATION	SIGN	SHAPE	SIZE	SQ FT	EACH				
IL ROUTE 160									
630+19.03	37.87	RT	One Way (R6-2 W)	REC	18.0	X	18.0	2.25	
635+36.28	33.10	LT	Illinois 160	REC	24	X	36	6	
639+63.46	32.17	LT	"School Entrance"	REC	36	X	36	9	
641+83.40	30.96	RT	No Passing Zone (W14-3)	TRI	48	X	48 X 36	6.93	
SUBTOTAL:								24.18	0.00
WESCLIN									
2+58.06	18.55	LT	"School" S4-3 (Y)	REC	24	X	8		1
			Speed Limit 20 R2-1 (W)	REC	24	X	36		
			"When Children are Present" S4-2 (W)	REC	24	X	10		
			"No Parking this Side of Street" (W)	REC	24	X	18		
2+98.24	30.66	RT	Stop Sign	OCT	30	X	30	6.25	
10+41.70	40.16	RT	"Wesclin Rd" Street Sign D3-1	REC	8	X	30	1.67	
10+41.70	40.16	RT	"State Rt 160" Street Sign D3-1	REC	8	X	36	2	
10+61.71	29.03	LT	Stop Sign R1-1	OCT	30	X	30	6.25	
10+79.82	27.82	RT	"WEIGHT LIMIT 22 TONS" R12-1 (W)	REC	24	X	30	5	
SUBTOTAL:								21.17	1
TOTAL:								45	1

ENTRANCE SCHEDULE				
LOCATION		AGGREGATE SURFACE COURSE, TYPE A,6"	AGGREGATE FOR TEMPORARY ACCESS	PCC DRIVEWAY PAVEMENT, 8 INCH
STATION	LT/RT	SQ YD	TON	SQ YD
IL ROUTE 160				
630+28.98	LT	119.3	41.7	
630+37.35	RT			128.2
SUBTOTAL		119	42	128
WESCLIN				
2+11.39	RT	88.4	30.9	
SUBTOTAL		88	31	0
TOTAL:		208	73	128

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES
 SCALE: SHEET 1 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	21
CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING SCHEDULE

LOCATION					THERMOPLASTIC PAVEMENT MARKINGS				RAISED REFLECTIVE MARKER			TEMPORARY PAVEMENT MARKINGS - PAINT				PAVEMENT MARKING REMOVAL - WATER BLASTING*					
					LINE 6"		LINE 12"		LINE 24"	LETTERS AND SYMBOLS	ONE WAY		TWO WAY	LINE 6"		LINE 12"		LINE 24"	LETTERS AND SYMBOLS	SQ FT	
					WHITE FOOT	YELLOW FOOT	WHITE FOOT	YELLOW FOOT	WHITE FOOT	WHITE SQ FT	CRYSTAL EACH	AMBER EACH	AMBER EACH	WHITE FOOT	YELLOW FOOT	WHITE FOOT	YELLOW FOOT	WHITE FOOT	WHITE SQ FT		
STATION	TO	STATION	LOCATION	TYPE																	
IL ROUTE 160																					
629+99.65	TO	635+28.73	EOP Line LT	Single	602									602							
629+99.65	TO	636+00.44	EOP Line RT	Single	650									650							
629+99.65	TO	630+54.67	CL	Double		110								110							
629+99.65	TO	636+09.67	IL RTE 160 LEG 1							12.0											
629+99.65	TO	636+09.67	IL RTE 160 LEG 1							23.0											
629+99.65	TO	636+09.67	IL RTE 160 LEG 1						10.0												
630+54.67	TO	634+90.84	Diagonals	Single			113.4									113.4					
630+54.67	TO	634+94.67	TAPER LT	Double		872.6								872.6							
630+54.67	TO	634+94.67	TAPER RT	Double		880.6								880.6							
633+44.67	TO	636+09.67	Lane Line	Single	265									265							
633+69.67		18.75	RT	Large Right Arrow					15.6								15.6				
634+77.17		18.75	RT	Large Right Arrow					15.6								15.6				
634+94.67	TO	636+09.67	Lane Line	Single	115									115							
634+94.67	TO	636+09.67	CL	Double		237.7								237.7							
635+19.67		3.35	RT	Large Left Arrow					15.6								15.6				
635+84.67		18.75	RT	Large Right Arrow					15.6								15.6				
635+84.67		3.35	RT	Large Left Arrow					15.6								15.6				
636+98.99	TO	639+63.99	Lane Line	Single	265									265							
636+98.99	TO	639+63.99	CL	Double		530								530							
636+98.99	TO	645+54.00	IL RTE 160 LEG 2							20.0											
636+98.99	TO	645+54.00	IL RTE 160 LEG 2						7.0	28.0											
637+14.54	TO	645+54.00	EOP Line LT	Single	838.4									838.4							
637+81.62	TO	645+54.00	EOP Line RT	Single	774									774							
637+23.99		2.3	RT	Large Left Arrow					15.6								15.6				
638+31.49		2.3	RT	Large Left Arrow					15.6								15.6				
639+38.99		2.3	RT	Large Left Arrow					15.6								15.6				
639+63.99	TO	645+03.99	TAPER LT	Double		1080.3								1080.3							
639+63.99	TO	645+03.99	TAPER RT	Double		1079.1								1079.1							
639+63.99	TO	645+03.99	Diagonals	Single			155.0								155.0						
645+03.99	TO	645+54.00	CL	Double		100								100							
WESCLIN																					
2+08.39	TO	3+09.43	CL	Double		202.1								202.1							
2+08.39	TO	3+24.13	EOP Line RT	Single	204.5									204.5							
2+08.39	TO	3+36.34	EOP Line LT	Single	99.728									99.7							
2+43.87		82																			
2+46.53		LT	Parking Lot	Single			13.8								13.8						
2+49.46		LT	Parking Lot	Single			11.2								11.2						
2+52.38		LT	Parking Lot	Single			8.7								8.7						
2+55.30		LT	Parking Lot	Single			6.2								6.2						
3+09.43			Stop Bar	Single				21.5								21.5					
10+06.67	TO	11+49.25	EOP Line RT	Single	164.2									164.2							
10+47.05	TO	11+49.25	CL	Double		204.4								204.4							
10+34.92	TO	11+49.25	EOP Line LT	Single	129.6									129.6							
10+46.95			Stop Bar	Single				22.3								22.3					
SUBTOTAL:					4107	5297	40	268	44	125	17	51	32	4107	5297	40	268	44	125	5223	
TOTAL:					9404		308		44	125		100		32	9404		308		44	125	5223

* SEE REMOVAL SCHEDULES FOR PARKING LOT MARKING REMOVAL

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET 2 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	22
CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				

PAVING SCHEDULE

LOCATION				NOTES	SUBBASE GRANULAR MATERIAL, TYPE A 12"	SUBBASE GRANULAR MATERIAL, TYPE A	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	HOT-MIX ASPHALT BASE COURSE, 9 1/2"	HOT-MIX ASPHALT BASE COURSE, 7 1/4"	BITUMINOUS MATERIALS (PRIME COAT)	HOT-MIX ASPHALT SHOULDERS	HOT-MIX ASPHALT SHOULDERS, 11"	AGGREGATE SHOULDERS, TYPE B, 11"	SHOULDER RUMBLE STRIPS, 8"	LONGITUDINAL JOINT SEALANT	ROCK FILL - REPLACEMENT *
STATION	TO	STATION	LT/RT		SQ YD	TON	SQ YD	POUND	TON	TON	SQ YD	SQ YD	POUND	TON	SQ YD	SQ YD	FOOT	FOOT	TON
IL ROUTE 160																			
629+99.65	TO	632+79.07	LT		204.2	164.5	235.0	55.9					459.3	10.4			569.8		
632+79.07	TO	635+68.52	LT		344.7	263.8	376.9	55.3					775.5		122.9				
630+72.48	TO	631+27.86	RT		45.4	36.0	51.5	11.2					102.2	2.1			546.1		
631+27.86	TO	636+18.99	RT		1072.1	742.7	1061.1	96.9					2412.2		215.4				
636+96.02	TO	643+75.37	LT		818.5	625.7	893.9	134.5					1841.6		298.8			856.6	
643+75.37	TO	645+54.00	LT		142.5	113.6	162.3	37.3					320.7	7.0					
637+39.98	TO	640+00.00	RT			239.8	342.6						1602.3						
637+39.98	TO	643+10.73	RT		712.1			111.6							247.9			815.6	
643+10.73	TO	645+54.00	RT		181.8			48.0					409.1	9.0					
629+99.65	TO	635+63.19	LT/RT	Mainline				948.1	118.0	177.0									
629+99.65	TO	635+77.10	LT													256.3			
629+99.65	TO	645+54.00	LT/RT															6394.0	
630+65.12	TO	636+23.37	RT													245.3			
630+72.48	TO	636+18.99	RT	Widening				525.0	65.3		802.4								
630+84.98	TO	635+68.52	LT	Widening				137.6	17.1		327.9								
631+27.86	TO	635+91.89	LT/RT																
635+63.19	TO	636+52.97	LT/RT									222.4							
635+63.19	TO	636+52.97	LT/RT	Gap				150.1	18.7	28.3									
636+52.97	TO	645+54.00	LT/RT	Mainline				1491.2	185.6	278.4									
636+92.63	TO	645+54.00	LT													376.5			
636+96.02	TO	645+54.00	LT	Widening				287.3	35.8		508.5								
637+30.36	TO	645+54.00	RT														360.1		
637+39.98	TO	645+54.00	RT	Widening				266.9	33.2		501.7								
STRUCTURE				LT/RT			578.0												
SUBTOTAL:					3521.3	2186.2	3701.2	4356.8	473.7	483.6	2140.6	222.4	7923.0	28.5	885.0	1238.1	2788.1	6394.0	0.0
WESCLIN																			
+73.47	TO	3+27.18	LT													57.8			
2+08.39	TO	3+45.02	LT/RT		695.2	187.7	268.1	294.2	54.9		653.8		1564.1						
2+34.67	TO	3+21.01	RT													27.6			
10+11.40	TO	11+49.25	LT/RT		707.9	455.5	650.8	297.0	55.4		660.0		1592.9						
10+16.36	TO	11+24.25	RT													31.0			
10+33.48	TO	11+24.25	LT													33.6			
10+60.79	TO	10+91.41	LT																25.99
SUBTOTAL:					1403.1	643.2	918.8	591.2	110.4	0.0	1313.8	0.0	3157.0	0.0	0.0	150.0	0.0	0.0	26.0
TOTAL:					4924	2829	4620	4948	584	484	3454	222	11080	28	885	1388	2788	6394	26

* SEE CULVERT PLANS FOR ADDITIONAL QUANTITIES

MODEL Path: \\... FILE NAME: P:\2020\2005B118 - IL 160 at Wesclin.LT1.sld CAD - DWG\47 TopCAD_Sheets\076\Rev\zsch\schedule.dgn



USER NAME = dlw
 DESIGNED -
 DRAWN -
 CHECKED -
 DATE -
 PLOT SCALE = 2,000' / in.
 PLOT DATE = 11/16/2023

DESIGNED -
 REVISIONS -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET 3 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	23
CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				

REMOVAL SCHEDULE

LOCATION				HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	PAVEMENT REMOVAL	DRIVEWAY PAVEMENT REMOVAL	PAVED SHOULDER REMOVAL (SPECIAL)	STEEL POST REMOVAL	REMOVE SIGN (SPECIAL)	REMOVAL OF EXISTING STRUCTURES NO. 1	PIPE CULVERT REMOVAL	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	PARKING LOT PAVEMENT REMOVAL	PAVEMENT MARKING REMOVAL - WATER BLASTING *
STATION	TO/AT	STATION/OFFSET	LT/RT	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	EACH	EACH	EACH	FOOT	EACH	SQ YD	SQ FT
IL ROUTE 160															
630+19.62	TO	636+17.28	LT					266							
629+99.65	TO	630+19.65	LT/RT	52.9											
630+01.33	TO	630+71.83	RT				125.3								
630+15.50	TO	630+42.46	LT									27.1			
630+16.65	AT	32.83	RT						1						
630+19.18	TO	630+60.87	RT									41.5			
630+19.65	TO	635+63.19	LT/RT		1353.0								10		
630+62.81	AT	36.87	RT						1						
630+65.78	AT	32.30	RT						1						
630+71.84	TO	636+11.80	RT					228							
632+17.79	AT	51.11	RT							1					
634+48.97	AT	60.62	RT												
635+63.19	TO	636+52.97	LT/RT			223.2									
636+02.25	TO	636+19.96	RT									18.2			
636+18.31			LT/RT								1				
636+52.97	TO	645+34.00	LT/RT		2159.8								10		
636+83.62	TO	645+34.00	LT					391							
637+05.32	TO	645+34.00	RT					368							
645+34.00	TO	645+54.00	LT/RT	48.9											
SUBTOTAL:				102	3,513	223	125	1,253	3	1	1	87	20	0	0
WESCLIN															
+79.90	TO	2+56.37	LT											401.08	
2+08.39	TO	3+45.02	LT/RT			465.8									
2+32.31	AT	17.05	LT												
2+43.87	AT	82.00	LT												14.2
3+20.47			LT/RT									69.0			
10+11.40	TO	10+36.65	LT/RT			373.1									
SUBTOTAL:				0	0	839	0	0	0	0	0	69	0	401	14
TOTAL:				102	3,513	1,062	125	1,253	3	1	1	156	20	401	14

* SEE OTHER SCHEDULES FOR ADDITIONAL QUANTITY

EARTHWORK SCHEDULE

		FOR INFORMATION ONLY					
		EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR 25% SHRINKAGE	EMBANKMENT	STRUCTURE EXCAVATION AND CULVERT REMOVAL EXCAVATION	BALANCE WASTE (+) SHORTAGE (-)	FURNISHED EXCAVATION
STATION	TO	STATION	CU YD	CU YD	CU YD	CU YD	CU YD
IL ROUTE 160							
629+99.65	TO	645+54.00	4333	3249.75	2097		1152.75
635+57.52	TO	636+51.28				1877.3	1877.3
SUB-TOTAL:			4333	3250	2097	1877	3030
WESCLIN ROAD WEST							
+75.00	TO	2+52.75	1035	776.25	369		407.25
2+52.75	TO	3+37.62				1031	1031.1
WESCLIN ROAD EAST							
10+50.00	TO	11+49.25	718	538.5	113		425.5
SUB-TOTAL:			1753	1315	482	1031	1864
PAY TOTAL:			6085	4565	2580	2910	4895

RIPRAP SCHEDULE

LOCATION			STONE RIPRAP, CLASS A4	FILTER FABRIC
STATION	OFFSET	LT/RT	TON	SQ YD
IL ROUTE 160				
642+87.51	44.85	LT	42.5	63.8
643+10.12	45.27	RT	17.8	26.7
643+37.72	43.48	RT	11.6	17.4
WESCLIN				
2+65.26	39.10	RT	36.6	54.9
2+94.49	62.72	LT	88.3	132.4
10+72.07	47.32	LT	111.8	167.7
TOTAL:			309	463

MODEL: D:\p4\h... FILE NAME: P:\2020\20059118 - IL 160 at Wesclin.LT1's4 CADD - DWG\04.7 Twp\CAD_Sheets\047\047-01-01-01-01-01-01.dgn



USER NAME = dlcc
 DESIGNED -
 DRAWN -
 CHECKED -
 DATE -
 PLOT SCALE = 2,000' / in.
 PLOT DATE = 11/16/2023

REVISIED -
 REVISIED -
 REVISIED -
 REVISIED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET 4 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	24
				CONTRACT NO. 76N47
ILLINOIS FED. AID PROJECT				

MODEL Path:\p\11-160 at Wesclin.LT1.sld CAD - DWG\047 TopoCAD_Sheets\076\047-047-047-047.dgn
 FILE NAME: P:\2020\05\05\11-160 at Wesclin.LT1.sld CAD

EROSION CONTROL SCHEDULE							
LOCATION				TEMPORARY DITCH CHECKS		INLET AND PIPE PROTECTION	PERIMETER EROSION BARRIER
STATION	TO	STATION	LT/RT	EACH	FOOT	EACH	FOOT
IL ROUTE 160/WESCLIN							
+96.67			LT	1	9		
1+42.57			RT	1	9		
1+43.92	TO	645+54.00	RT				967
1+65.57			RT	1	9		
1+76.98		25.72	RT			1	
1+96.67			LT	1	9		
2+58.60			RT	1	9		
2+71.60			RT	1	9		
2+71.67			LT	1	9		
2+82.07		34.06	RT			1	
2+93.94			RT	1	9		
3+03.54			LT	1	9		
10+10.79			LT	1	9		
10+45.91			RT	1	9		
10+97.79			LT	1	9		
11+45.91			RT	1	9		
11+49.25	TO	645+54.00	LT&RT				1006
11+55.79			LT	1	9		
629+99.65	TO	11+49.25	LT				695
629+99.96	TO	+55.73	LT/RT				911
630+59.30		35.35	LT			1	
630+75.86		34.99	RT			1	
630+91.35			LT	1	9		
630+95.80			RT	1	9		
631+91.35			LT	1	9		
631+95.80			RT	1	9		
632+91.35			LT	1	9		
632+95.80			RT	1	9		
633+91.35			LT	1	9		
633+95.80			RT	1	9		
634+91.35			LT	1	9		
634+95.80			RT	1	9		
635+81.88			RT	1	9		
635+82.32			LT	1	9		
635+92.72			RT	1	9		
636+08.57		48.46	RT			1	
637+10.00			LT	1	9		
637+95.70			RT	1	9		
638+10.00			LT	1	9		
638+95.70			RT	1	9		
639+10.00			LT	1	9		
639+95.70			RT	1	9		
640+10.00			LT	1	9		
640+95.70			RT	1	9		
641+10.00			LT	1	9		
641+95.70			RT	1	9		
642+10.00			LT	1	9		
642+71.97			LT	1	9		
642+95.70			RT	1	9		
643+04.46			LT	1	9		
643+06.95			RT	1	9		
SUBTOTAL:				378		5	3579

EROSION CONTROL SCHEDULE (CONTINUED)							
LOCATION				TEMPORARY DITCH CHECKS		INLET AND PIPE PROTECTION	PERIMETER EROSION BARRIER
STATION	TO	STATION	LT/RT	EACH	FOOT	EACH	FOOT
IL ROUTE 160/WESCLIN							
643+20.27		32.73	RT			1	
643+23.91			LT	1	9		
643+36.83			RT	1	9		
644+23.93			LT	1	9		
644+36.90			RT	1	9		
645+23.93			LT	1	9		
645+36.90			RT	1	9		
SUBTOTAL:				54		1	0
TOTAL:				432		6	3579

DRAINAGE SCHEDULE						
LOCATION					PIPE CULVERTS, CLASS D, TYPE 2	END SECTION
STATION	TO/AT	STA/OFF	NOTES	LT/RT	FOOT	EACH
IL ROUTE 160						
629+99.65	AT	28.21		RT		1
629+99.65	AT	33.2		LT		1
630+05.74	TO	630+69.77	0.66%	RT	64	
630+05.51	TO	630+53.25	0.71%	LT	48	
630+75.86	AT	34.99		RT		1
630+59.30	AT	35.35		LT		1
SUBTOTAL:					112	4
WESCLIN						
1+77.13	AT	25.85		RT		1.0
1+83.17	TO	2+46.79	2.98%	RT	64	
2+52.83	AT	34.06		RT		1.0
SUBTOTAL:					64	2
TOTAL:					176	6

GRANULAR BACKFILL			
LOCATION			GRANULAR BACKFILL FOR STRUCTURES
STATION	TO	STATION	CU YD
IL ROUTE 160			
635+65.21	TO	636+50.95	1494.2
WESCLIN			
2+52.75	TO	3+37.62	825.8
2+60.61	TO	3+03.30	89.5
OVERLAP			-31.4
TOTAL:			2378

TEMPORARY RAMP		
LOCATION	TEMPORARY RAMP	
STATION	SQ YD	
IL ROUTE 160		
629+99.65	13.0	
645+54.00	12.2	
SUBTOTAL		25
WESCLIN		
2+08.39	12.9	
11+49.25	11.1	
SUBTOTAL		24
TOTAL:		49

SEEDING SCHEDULE									
LOCATION				SEEDING, CLASS 2A	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	TEMP. EROSION CONTROL SEEDING (POUND) (3 APPL.)	EROSION CONTROL BLANKET
STATION	TO	STATION	LT/RT	ACRE	POUND	POUND	POUND	POUND	SQ YD
IL ROUTE 160/WESCLIN									
629+96.35	TO	630+14.02	LT	0.01	1.08	1.08	1.08	3.60	46.66
629+97.68	TO	630+29.90	RT	0.02	1.89	1.89	1.89	6.30	88.85
630+43.93	TO	11+49.37	LT	0.50	44.91	44.91	44.91	149.70	2080.70
630+51.97	TO	+55.73	LT&RT	0.71	64.08	64.08	64.08	213.60	3142.29
1+43.92	TO	1+96.39	RT	0.03	2.43	2.43	2.43	8.10	110.99
2+26.39	TO	645+54.00	RT	0.69	62.37	62.37	62.37	207.90	2890.96
11+49.32	TO	645+54.00	LT&RT	0.59	52.92	52.92	52.92	176.40	2454.93
TOTAL:				2.55	229.68	229.68	229.68	765.60	10815.37
PAY TOTAL:				2.50	230	230	230	770	10820



USER NAME = tgrigsby	DESIGNED -	REVISED -
PLOT SCALE = 2,000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/5/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET 5 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	25
CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				

SHORT TERM PAVEMENT MARKING					
LOCATION				SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL
STATION	TO	STATION	LOCATION	FOOT	SQ FT
IL ROUTE 160					
629+99.65	TO	636+09.67	CL	96	78
636+98.99	TO	645+54.00	CL	137	
SUBTOTAL:				233	78
WESCLIN					
2+08.39	TO	3+09.43	CL	12	8
10+47.05	TO	11+49.25	CL	12	
SUBTOTAL:				24	8
TOTAL:				257	86

UNDERGROUND CABLE			
LOCATION			LOCATING UNDERGROUND CABLE (SPECIAL)
STATION	OFFSET	LT/RT	EACH
WESCLIN			
+71.47	60.01	LT	1
2+66.11	103.55	LT	1
TOTAL:			2

MISC. REMOVAL					
LOCATION				REMOVAL OF EXISTING STRUCTURE (SPECIAL)	REMOVE WOOD POST
STATION	TO	STATION	NOTES	EACH	EACH
WESCLIN					
10+49.00	TO	10+92.00			7
11+02.65				1	
TOTAL:				1	7

EARTH EXCAVATION (SPECIAL)			
LOCATION			EARTH EXCAVATION (SPECIAL)
STATION	TO	STATION	CU YD
IL ROUTE 160			
635+82.32	TO	636+24.92	1789.0
WESCLIN			
2+46.50	TO	3+37.62	1131.4
TOTAL:			2920

TREE REMOVAL SCHEDULE			
LOCATION			TREE REMOVAL (OVER 15 UNITS DIAMETER)
STATION	OFFSET	LT/RT	UNIT
IL ROUTE 160			
634+48.97	60.62'	RT	20
TOTAL:			20

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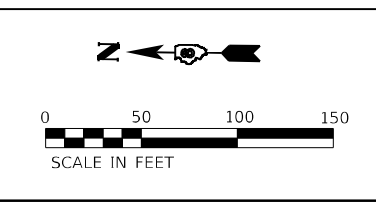
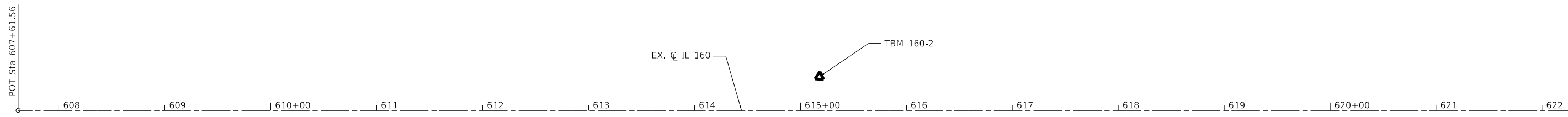


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	DATE -	REVISED -

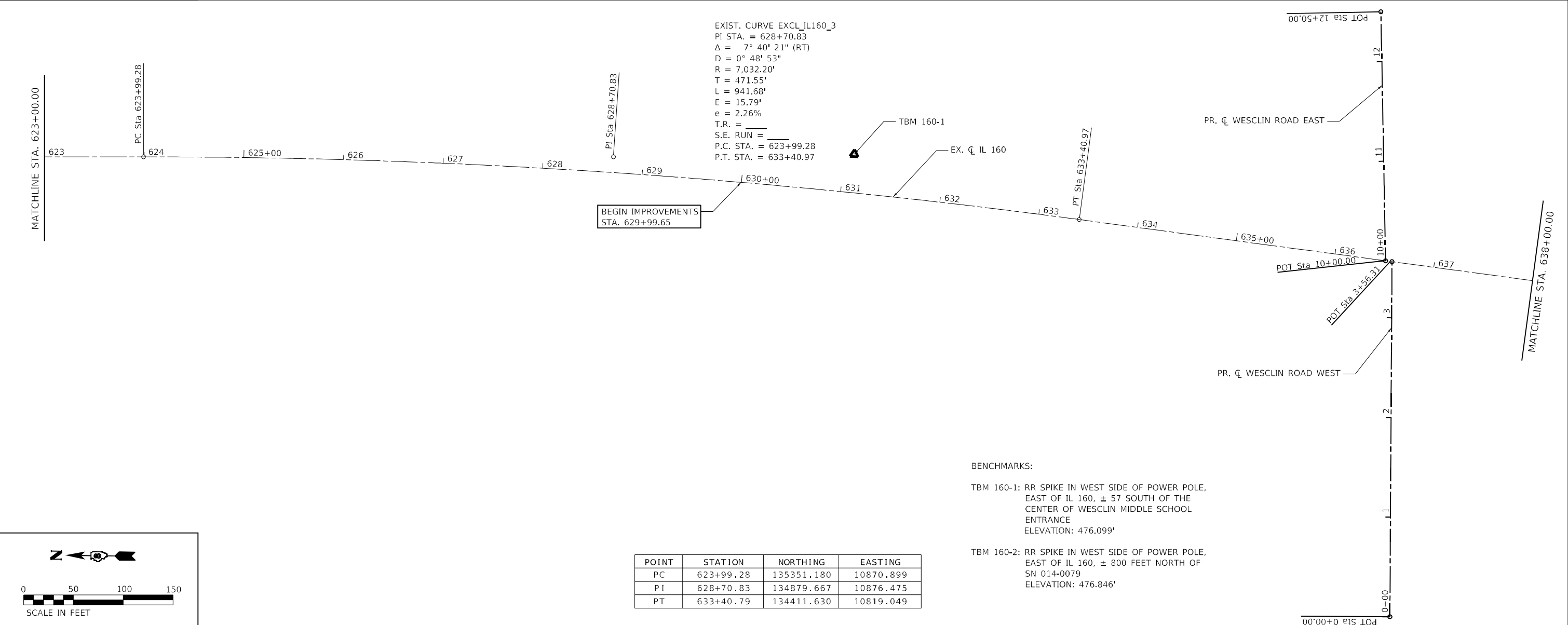
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS
	6	6	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	26
CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				

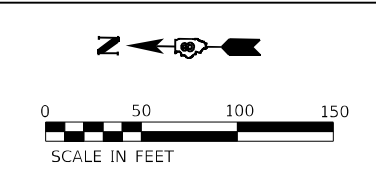


POINT	STATION	NORTHING	EASTING
POT	607+61.56	136988.792	10851.535



EXIST. CURVE EXCL_IL160_3
 PI STA. = 628+70.83
 Δ = 7° 40' 21" (RT)
 D = 0° 48' 53"
 R = 7,032.20'
 T = 471.55'
 L = 941.68'
 E = 15.79'
 e = 2.26%
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 623+99.28
 P.T. STA. = 633+40.97

BEGIN IMPROVEMENTS
 STA. 629+99.65



POINT	STATION	NORTHING	EASTING
PC	623+99.28	135351.180	10870.899
PI	628+70.83	134879.667	10876.475
PT	633+40.79	134411.630	10819.049

BENCHMARKS:

TBM 160-1: RR SPIKE IN WEST SIDE OF POWER POLE,
 EAST OF IL 160, ± 57 SOUTH OF THE
 CENTER OF WESCLIN MIDDLE SCHOOL
 ENTRANCE
 ELEVATION: 476.099'

TBM 160-2: RR SPIKE IN WEST SIDE OF POWER POLE,
 EAST OF IL 160, ± 800 FEET NORTH OF
 SN 014-0079
 ELEVATION: 476.846'

MODEL: D:\p\11... FILE NAME: P:\2023\05\11B - IL 160 at Wesclin.dwg USER: dllee DATE: 11/16/2023



USER NAME = dllee	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/16/2023	CHECKED -	REVISED -
	DATE -	REVISED -

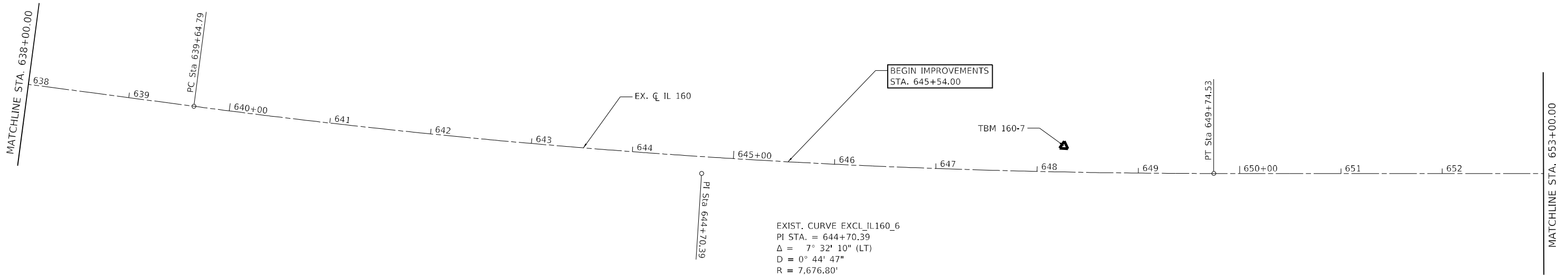
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES, AND BENCHMARKS

SCALE: 1"=50' SHEET 1 OF 2 SHEETS STA. 607+61.56 TO STA. 638+00.00

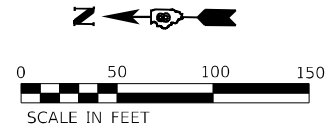
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	27
CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				

POINT	STATION	NORTHING	EASTING
PC	639+64.79	133792.449	10743.078
PI	644+70.39	133290.615	10681.505
PT	649+74.53	132785.040	10686.280

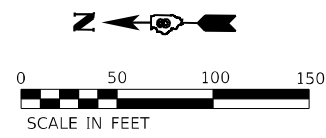
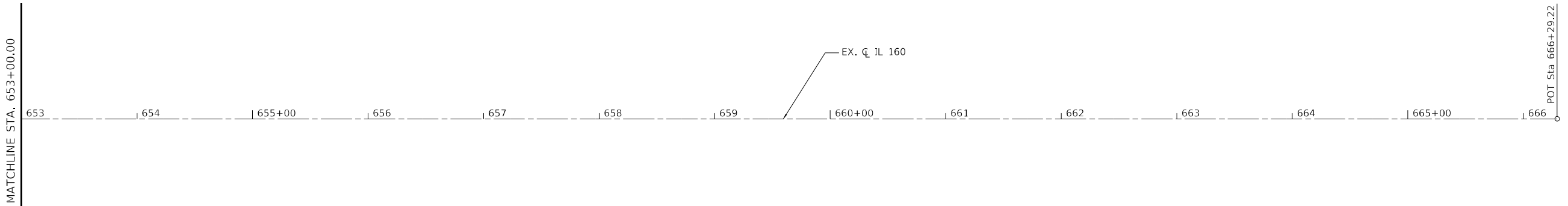


EXIST. CURVE EXCL_IL160_6
 PI STA. = 644+70.39
 Δ = 7° 32' 10" (LT)
 D = 0° 44' 47"
 R = 7,676.80'
 T = 505.60'
 L = 1,009.74'
 E = 16.63'
 e = 2.09%
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 639+64.79
 P.T. STA. = 649+74.53

BENCHMARK:
 TBM 160-7: RR SPIKE IN WEST SIDE OF POWER POLE,
 EAST OF IL 160, ± 1170 FEET SOUTH OF
 THE INTERSECTION OF IL 160 AND
 WESCLIN ROAD
 ELEVATION: 477.161'



POINT	STATION	NORTHING	EASTING
POT	666+29.22	131130.425	10701.909



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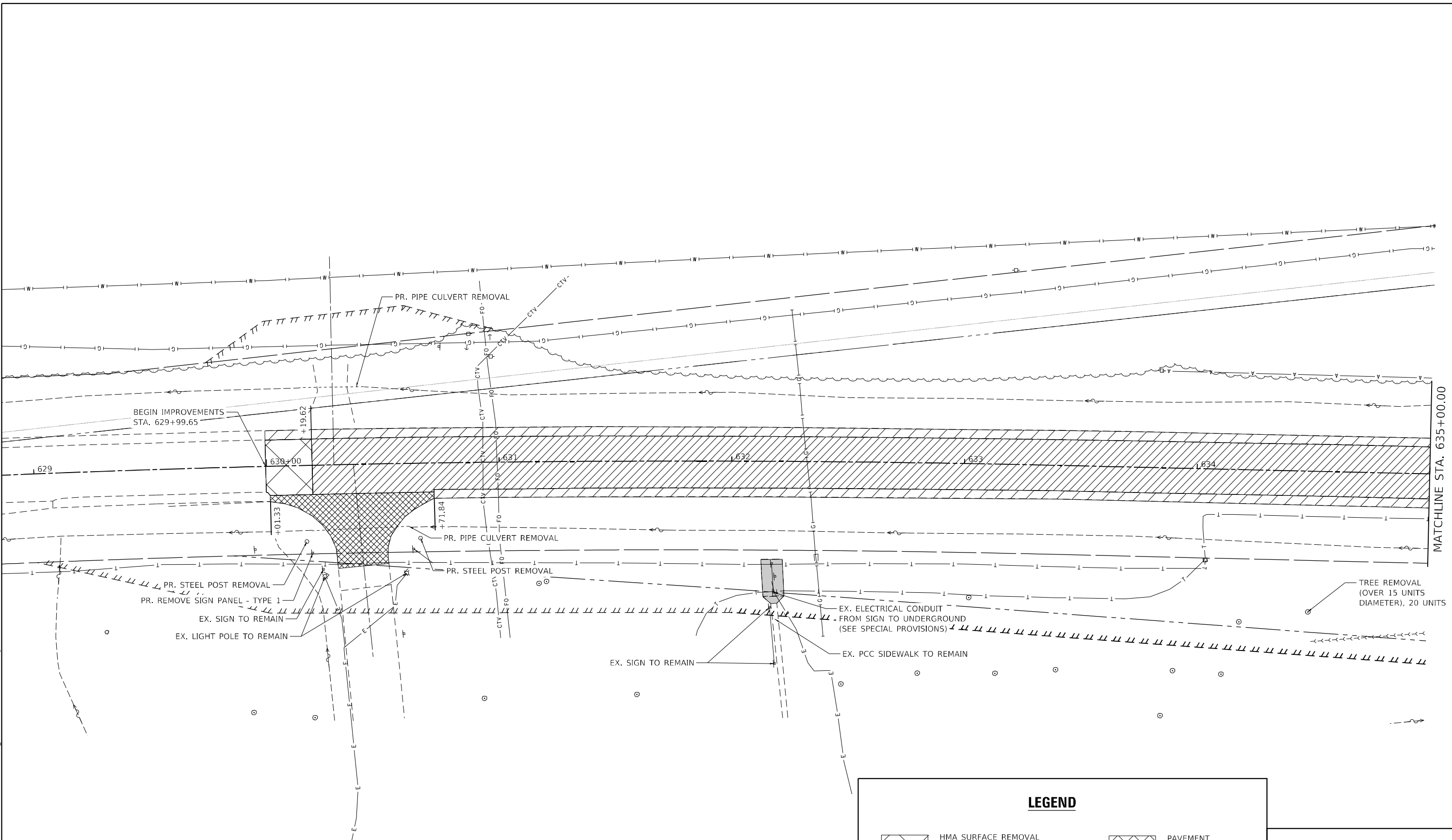
TWM, INC.
 www.twm-inc.com
 IL DESIGN FIRM
 LICENSE NO:
 184-001220

USER NAME = dllee	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/16/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES, AND BENCHMARKS
 SCALE: 1"=50' SHEET 2 OF 2 SHEETS STA. 638+00.00 TO STA. 666+29.22

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	28
CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				



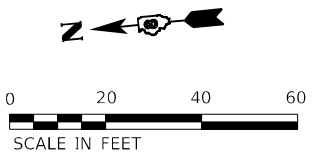
BEGIN IMPROVEMENTS
STA. 629+99.65

MATCHLINE STA. 635+00.00

TREE REMOVAL
(OVER 15 UNITS
DIAMETER), 20 UNITS

LEGEND

- HMA SURFACE REMOVAL - BUTT JOINT
- HMA SURFACE REMOVAL, VAR. DEPTH (SEE IL 160 HMA SURFACE REMOVAL AND HMA BINDER SCHEDULE)
- REMOVE SIGN (SPECIAL)
- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- DRIVEWAY PAVEMENT REMOVAL



MODEL: D:\p\h\... FILE NAME: P:\2020\20200509118 - IL 160 at WestRt LTL's\4 CAD - DWG\4.7 Top\CAD_Sheets\DR76N47-rt-removal.dwg

TWM
ENGINEERING
GEOSPATIAL SERVICES

TWM, INC.
WWW.TWM-INC.COM
IL DESIGN FIRM
LICENSE NO: 184-001220

USER NAME = dllee	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 8/5/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN

SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. TO STA. 635+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	29
CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				

PR. REMOVAL OF EXISTING STRUCTURE (SPECIAL) (SEE SPECIAL PROVISIONS)

PR. REMOVE SIGN PANEL - TYPE 1
PR. REMOVE SIGN PANEL - TYPE 1

SN 014-2481
PR. REMOVAL OF EXISTING STRUCTURES NO. 1

PR. REMOVE WOOD POST

PR. REMOVE SIGN PANEL - TYPE 1

PR. REMOVE SIGN PANEL - TYPE 1

PR. REMOVE RIGHT-OF-WAY MARKERS

PR. REMOVE SIGN PANEL - TYPE 1

MATCHLINE STA. 635+00.00

MATCHLINE STA. 641+00.00

PR. PIPE CULVERT REMOVAL

PR. REMOVE RIGHT-OF-WAY MARKERS

PR. PIPE CULVERT REMOVAL

PR. REMOVE SIGN PANEL - TYPE 1

PAVEMENT MARKING REMOVAL - WATER BLASTING

SEE INSET A

PR. REMOVE SIGN ASSEMBLY - TYPE B

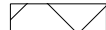
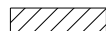




ALONG END OF PARKING STALL LINES

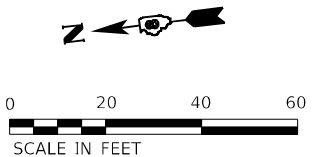
PR. PARKING LOT PAVEMENT REMOVAL

INSET A
N.T.S.

EX. LIGHT POLE TO REMAIN

LEGEND

-  HMA SURFACE REMOVAL - BUTT JOINT
-  HMA SURFACE REMOVAL, VAR. DEPTH (SEE IL 160 HMA SURFACE REMOVAL AND HMA BINDER SCHEDULE)
-  REMOVE SIGN (SPECIAL)
-  PAVEMENT REMOVAL
-  PAVED SHOULDER REMOVAL
-  DRIVEWAY PAVEMENT REMOVAL



STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN

SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. 635+00.00 TO STA. 641+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	30
CONTRACT NO. 76N47			ILLINOIS FED. AID PROJECT	

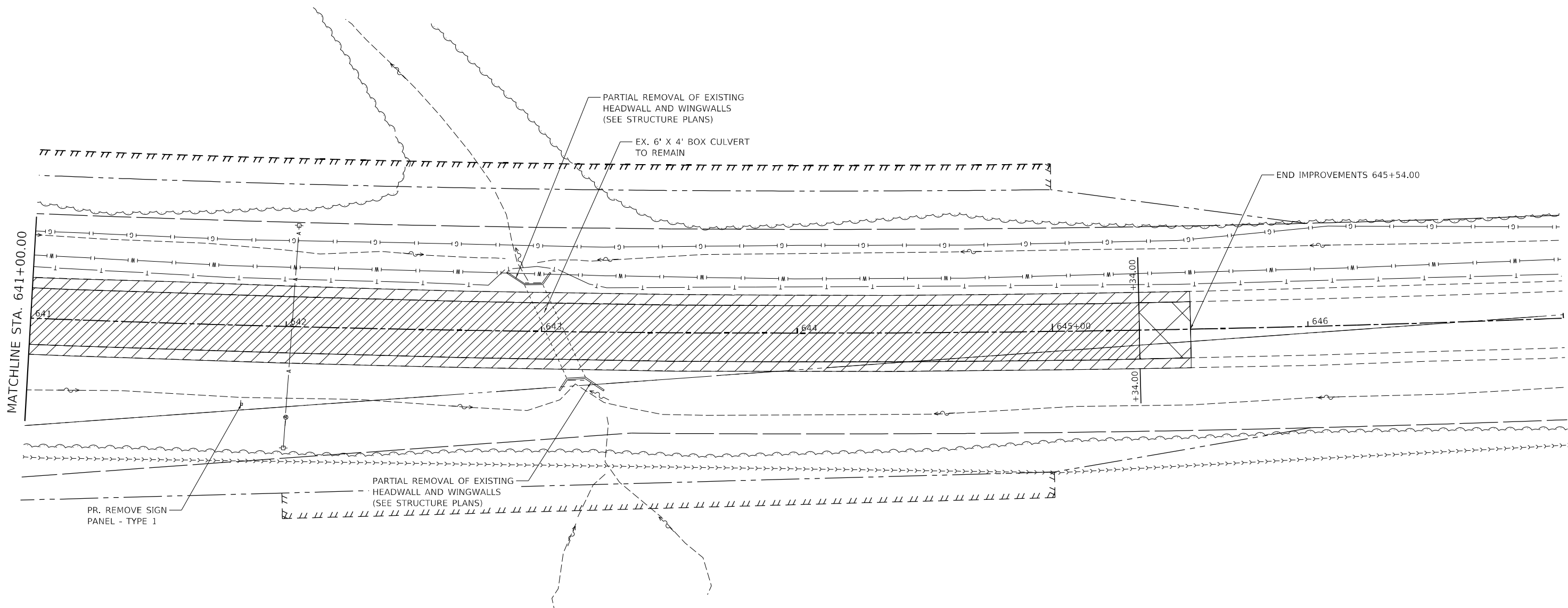
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TWM
ENGINEERING
GEOSPATIAL SERVICES







TWM, INC.
www.twm-inc.com
IL DESIGN FIRM
LICENSE NO: 184-001220



USER NAME = dlee	DESIGNED -	REVISED -
PLOT SCALE = 40,0000 */ in.	DRAWN -	REVISED -
PLOT DATE = 11/16/2023	CHECKED -	REVISED -
	DATE -	REVISED -

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LEGEND

	HMA SURFACE REMOVAL - BUTT JOINT		PAVEMENT REMOVAL
	HMA SURFACE REMOVAL, VAR. DEPTH (SEE IL 160 HMA SURFACE REMOVAL AND HMA BINDER SCHEDULE)		PAVED SHOULDER REMOVAL
	REMOVE SIGN (SPECIAL)		DRIVEWAY PAVEMENT REMOVAL



 SCALE IN FEET


TWM, INC.
 WWW.TWM-INC.COM
 IL DESIGN FIRM LICENSE NO: 184-001220

USER NAME = dllee	DESIGNED -	REVISED -
PLOT SCALE = 40,0000 * / in.	DRAWN -	REVISED -
PLOT DATE = 11/16/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN
 SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. 641+00.00 TO STA.

F.A.P. RTE. 690	SECTION 481W-1	COUNTY CLINTON	TOTAL SHEETS 100	SHEET NO. 31
CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				

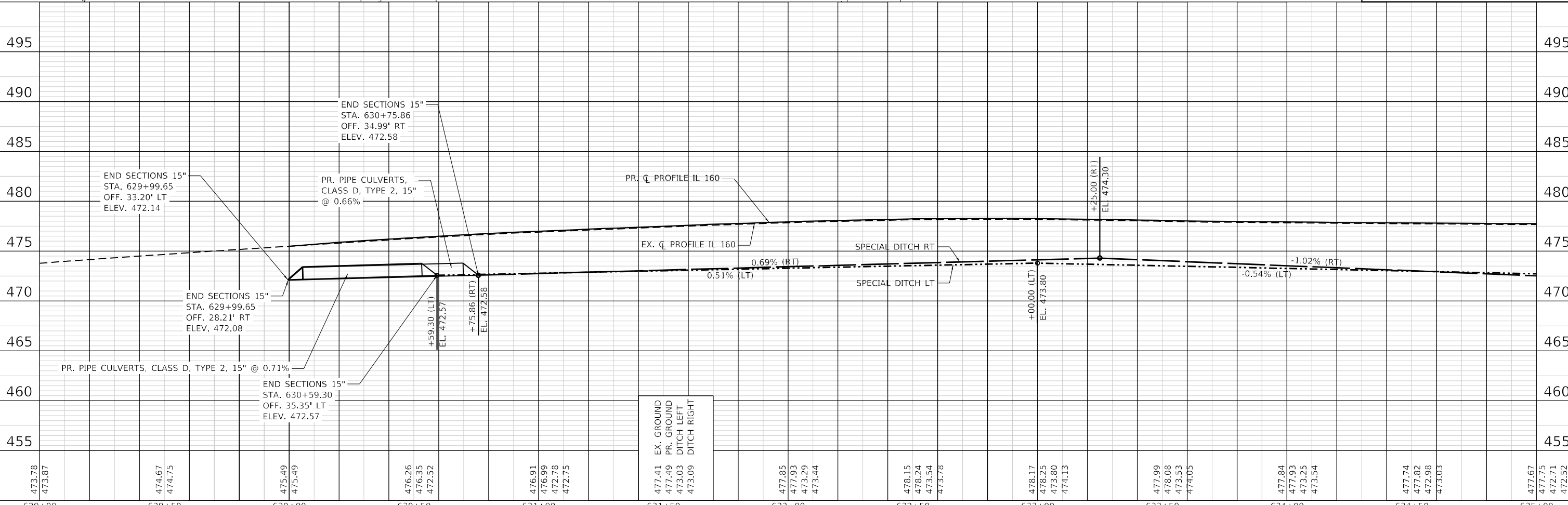
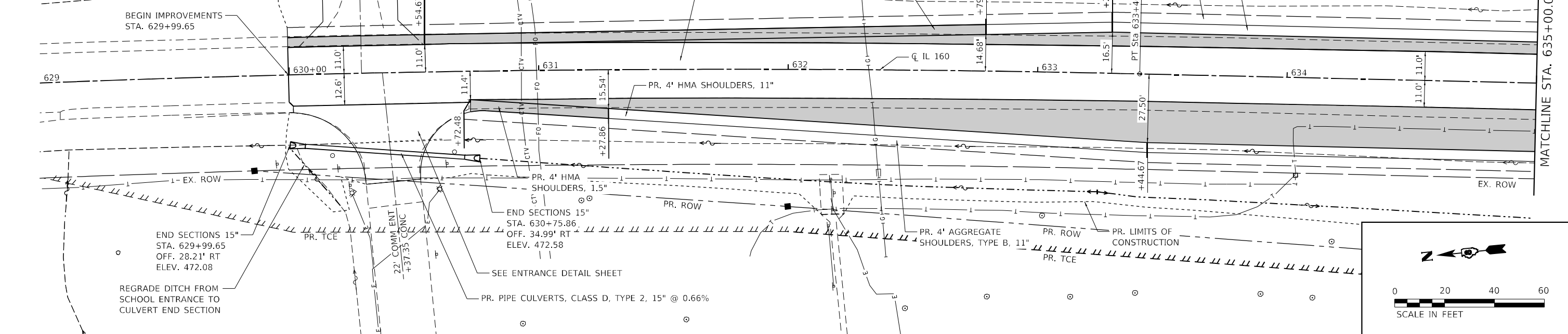
EXIST. CURVE EXCL_IL160_5
 PI STA. = 628+70.83
 $\Delta = 7^\circ 40' 21''$ (RT) +W
 $D = 0^\circ 48' 53''$
 $R = 7,032.20'$
 $T = 471.55'$
 $L = 941.68'$
 $E = 15.79'$
 $e = 2.26\%$
 T.R. =
 S.E. RUN =
 P.C. STA. = 623+99.29
 P.T. STA. = 633+40.97

LEGEND

- PR HMA BASE COURSE, 9.5"
- PR. HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 1.5"
- PR FURNISHING AND ERECTING ROW MARKERS

DATE	
BY	
PLAN	SURVEYED
	PLOTTED
	ALIGNED
	CHECKED
	NO. _____
	NOTE BOOK
	NO. _____
	FILE NAME
	NO. _____

DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	GRADES CHECKED
	STRUCTURE NOTATIONS CHECKED
	NO. _____
	NOTE BOOK
	NO. _____
	FILE NAME
	NO. _____



473.78	473.87	474.67	474.75	475.49	475.49	476.26	476.35	472.52	476.91	476.99	472.78	472.75	477.41	477.49	473.03	473.09	477.85	477.93	473.29	473.44	478.15	478.24	473.54	473.78	478.17	478.25	473.80	474.13	477.99	478.08	473.53	473.53	474.05	477.84	477.93	473.25	473.54	477.74	477.82	472.98	473.03	477.67	477.75	472.52			
629+00	629+00	629+50	629+50	630+00	630+00	630+50	630+50	631+00	631+00	631+50	631+50	632+00	632+00	632+50	632+50	633+00	633+00	633+50	633+50	634+00	634+00	634+50	634+50	635+00	635+00	635+00	635+00	635+00	635+00	635+00	635+00	635+00	635+00	635+00	635+00	635+00	635+00	635+00	635+00	635+00	635+00	635+00	635+00	635+00	635+00	635+00	635+00

TWM
 ENGINEERING
 GEOSPATIAL SERVICES

TWM, INC.
 www.twm-inc.com
 IL DESIGN FIRM
 LICENSE NO: 184-001220

USER NAME = dllee	DESIGNED -	REVISED -
PLOT SCALE = 40,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/16/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE
 IL 160**

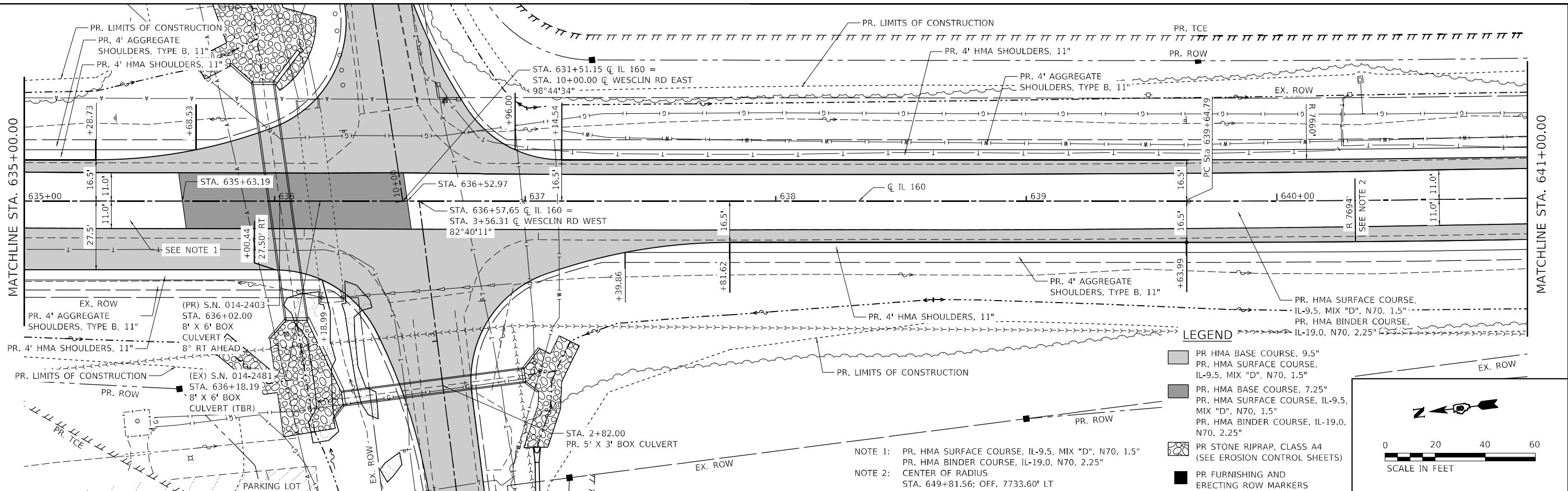
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F.A.P. RTE. 690	SECTION 481W-1	COUNTY CLINTON	TOTAL SHEETS 100	SHEET NO. 32
CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FILE	
PLANNING	
DESIGN	
CONSTRUCTION	

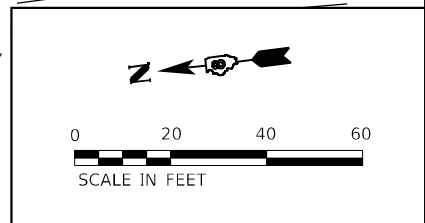
DATE	
BY	
FILE	
PROFILES	
GRADES	
STRUCTURE	

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FILE NAME: R:\2020\2025\18 - IL 160 at Westlin IL 160.dwg
Sheet: 2 of 3
TWM Inc. - DWG047 - 11/16/2023



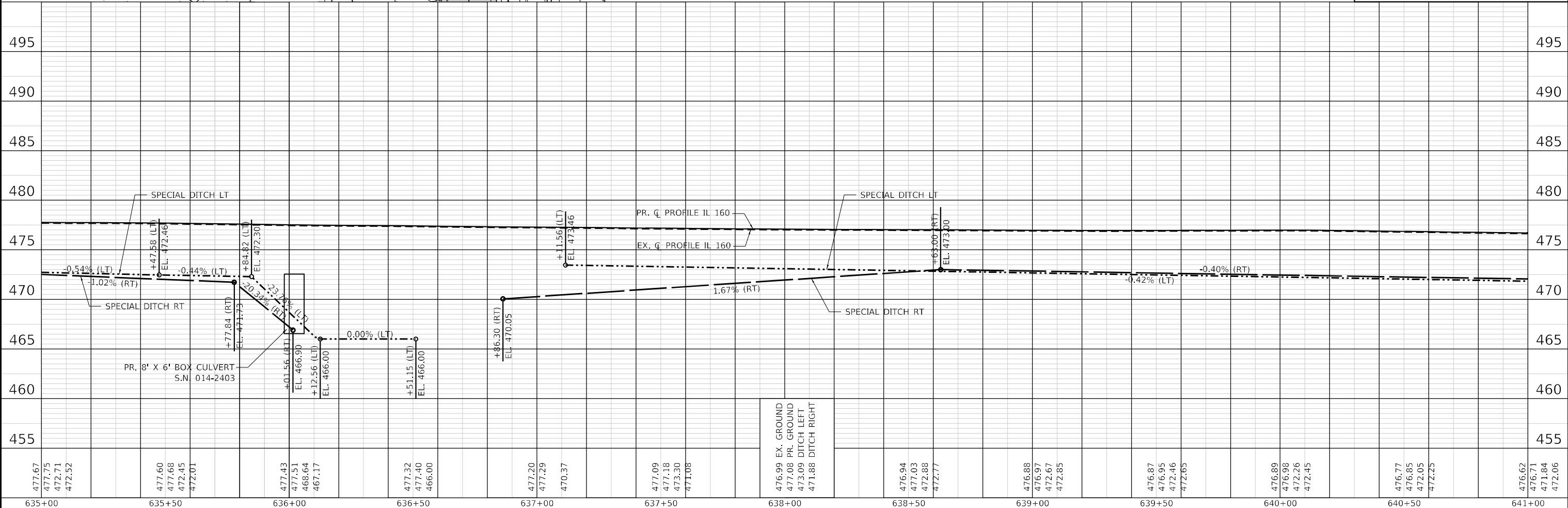
LEGEND

- PR HMA BASE COURSE, 9.5\"/>
- PR HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 1.5"
- PR HMA BASE COURSE, 7.25\"/>
- PR HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 1.5"
- PR HMA BINDER COURSE, IL-19.0, N70, 2.25"
- PR STONE RIPRAP, CLASS A4 (SEE EROSION CONTROL SHEETS)
- PR FURNISHING AND ERECTING ROW MARKERS



NOTE 1: PR. HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 1.5"
PR. HMA BINDER COURSE, IL-19.0, N70, 2.25"

NOTE 2: CENTER OF RADIUS
STA. 649+81.56; OFF. 7733.60' LT



635+00	635+50	636+00	636+50	637+00	637+50	638+00	638+50	639+00	639+50	640+00	640+50	641+00
477.67	477.60	477.43	477.40	477.20	477.09	476.94	476.88	476.87	476.89	476.77	476.62	476.62
477.75	477.68	477.51	477.40	477.29	477.18	477.03	476.97	476.91	476.81	476.71	476.62	476.62
472.52	472.45	468.64	466.17	470.37	473.30	472.88	472.67	472.46	472.26	472.05	472.06	472.06
472.01	472.01	467.17	466.00	470.05	471.08	472.77	472.85	472.65	472.45	472.25	472.06	472.06
477.84 (RT)	477.84 (RT)	477.84 (RT)	477.84 (RT)	477.84 (RT)	477.84 (RT)	477.84 (RT)	477.84 (RT)	477.84 (RT)	477.84 (RT)	477.84 (RT)	477.84 (RT)	477.84 (RT)



TWM, INC.
www.twm-inc.com
IL DESIGN FIRM LICENSE NO: 184-001220
USER NAME = dllee
PLOT SCALE = 40,0000 * / in.
PLOT DATE = 11/16/2023

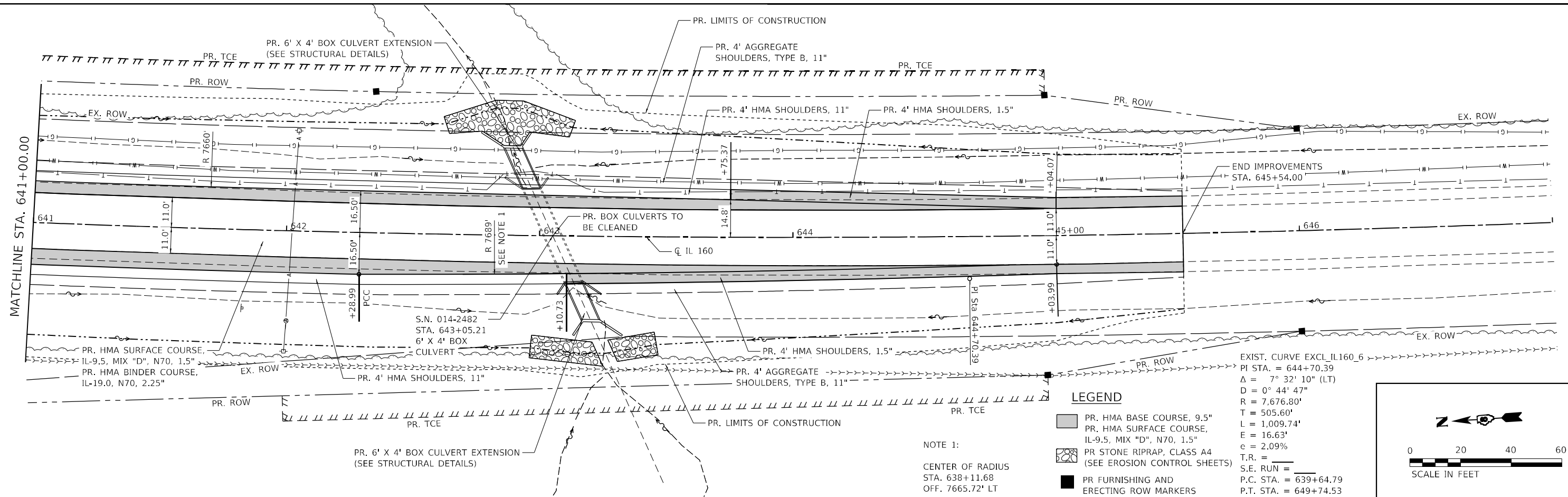
DESIGNED -
DRAWN -
CHECKED -
DATE -
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE IL 160
SCALE: 1"=20'
SHEET 2 OF 3 SHEETS
STA. 635+00.00 TO STA. 641+00.00

F.A.P. RTE. 690	SECTION 481W-1	COUNTY CLINTON	TOTAL SHEETS 100	SHEET NO. 33
CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				

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

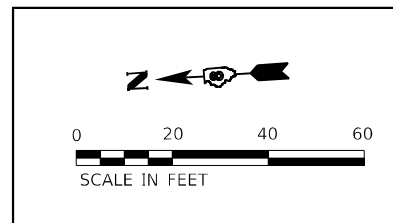


EXIST. CURVE EXCL_IL160_6
 PI STA. = 644+70.39
 Δ = 7° 32' 10" (LT)
 D = 0° 44' 47"
 R = 7,676.80'
 T = 505.60'
 L = 1,009.74'
 E = 16.63'
 e = 2.09%
 T.R. =
 S.E. RUN =
 P.C. STA. = 639+64.79
 P.T. STA. = 649+74.53

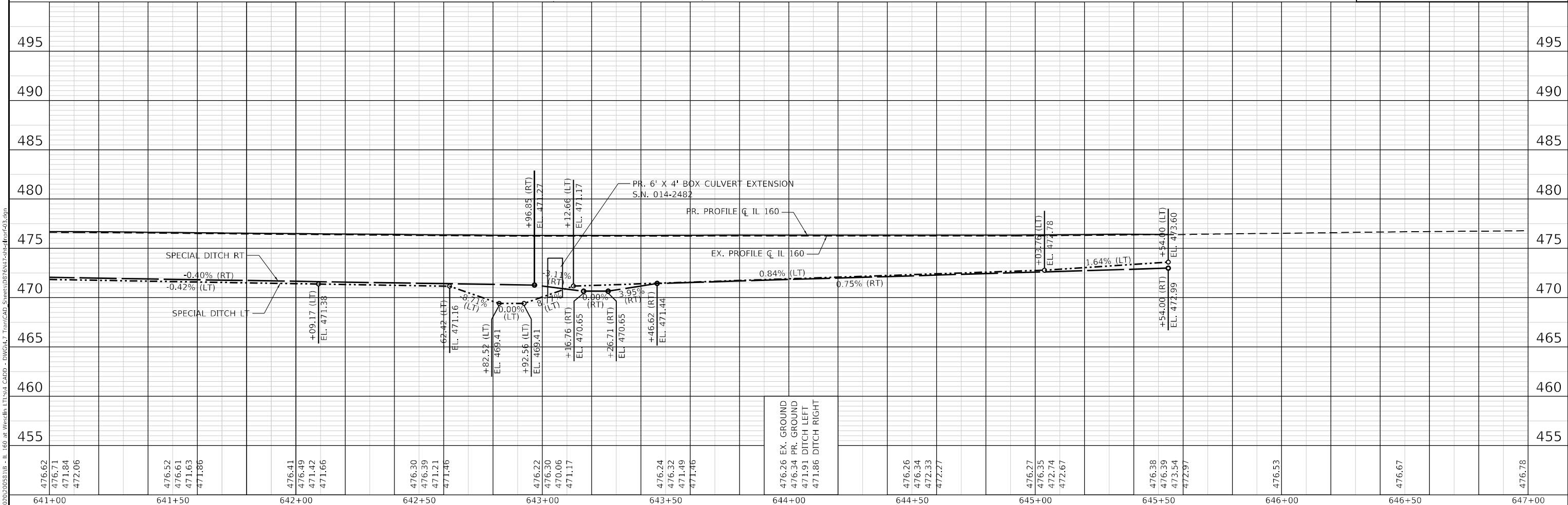
LEGEND

- PR. HMA BASE COURSE, 9.5"
- PR. HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 1.5"
- PR. STONE RIPRAP, CLASS A4 (SEE EROSION CONTROL SHEETS)
- PR. FURNISHING AND ERECTING ROW MARKERS

NOTE 1:
 CENTER OF RADIUS
 STA. 638+11.68
 OFF. 7665.72' LT







DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	GRADES CHECKED
	NOTE BOOK
	NO.
	STRUCTURE
	NOTARIUS
	CADD FILE NAME
	NO.

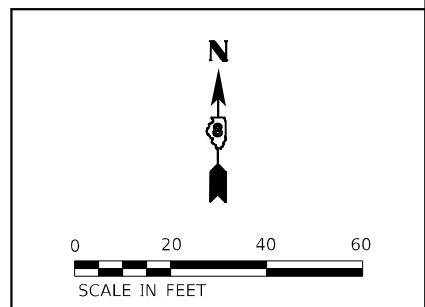
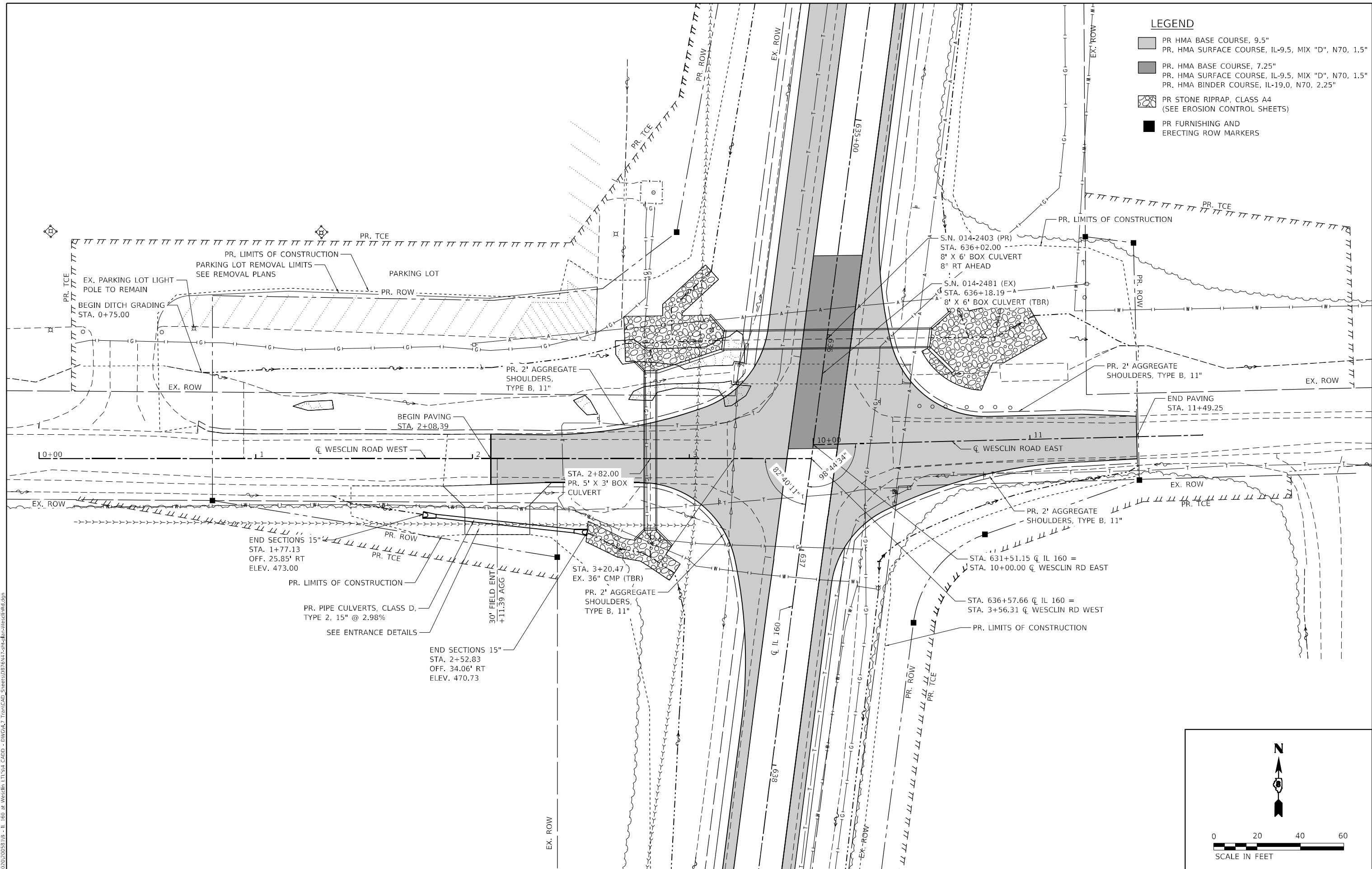


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 TWM ENGINEERING GEOSPATIAL SERVICES TWM, INC. www.twm-inc.com IL DESIGN FIRM LICENSE NO: 184-001220	USER NAME = dlce DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE IL 160	F.A.P. RTE. 690 SECTION 481W-1 COUNTY CLINTON TOTAL SHEETS 100 SHEET NO. 34 CONTRACT NO. 76N47
			SCALE: 1"=20'	SHEET 3 OF 3 SHEETS	STA. 641+00.00 TO STA. 645+54.00
					ILLINOIS FED. AID PROJECT

LEGEND

-  PR HMA BASE COURSE, 9.5"
PR. HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 1.5"
-  PR. HMA BASE COURSE, 7.25"
PR. HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 1.5"
PR. HMA BINDER COURSE, IL-19.0, N70, 2.25"
-  PR STONE RIPRAP, CLASS A4
(SEE EROSION CONTROL SHEETS)
-  PR FURNISHING AND
ERECTING ROW MARKERS



MODEL: P:\d\p\11-160 at Wesclin.dwg
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 T:\CAD\4.7 T\p\11-160 at Wesclin.dwg

TWM, INC.
 ENGINEERING
 GEOSPATIAL SERVICES
 WWW.TWM.INC.COM
 IL DESIGN FIRM
 LICENSE NO: 184-001220

USER NAME = dllee
PLOT SCALE = 40,0000 * / in.
PLOT DATE = 11/16/2023

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

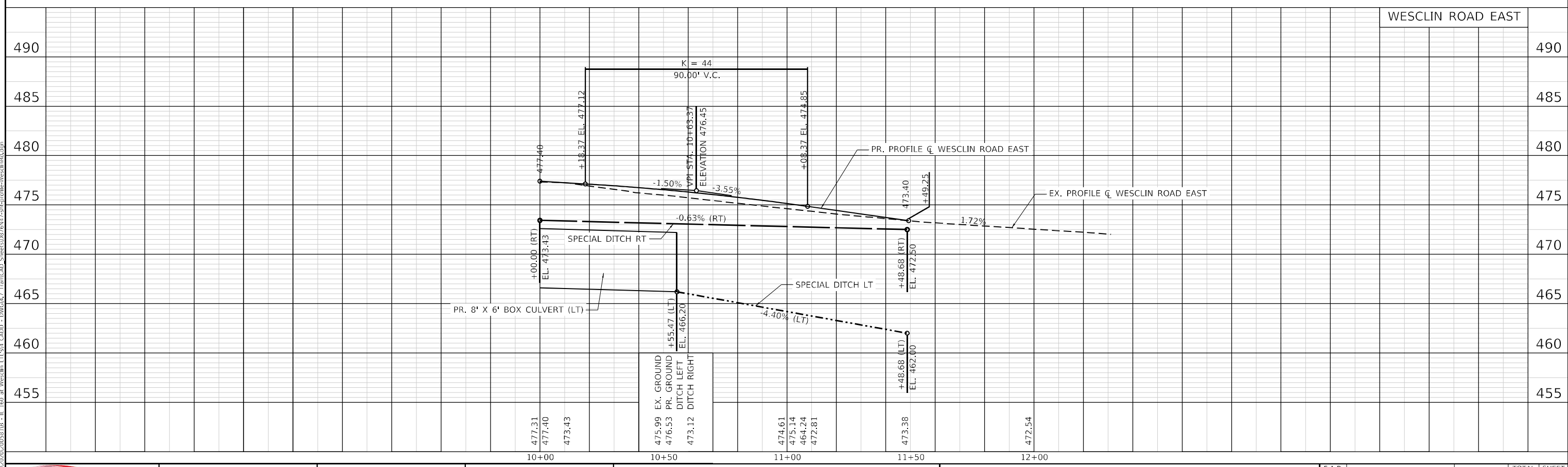
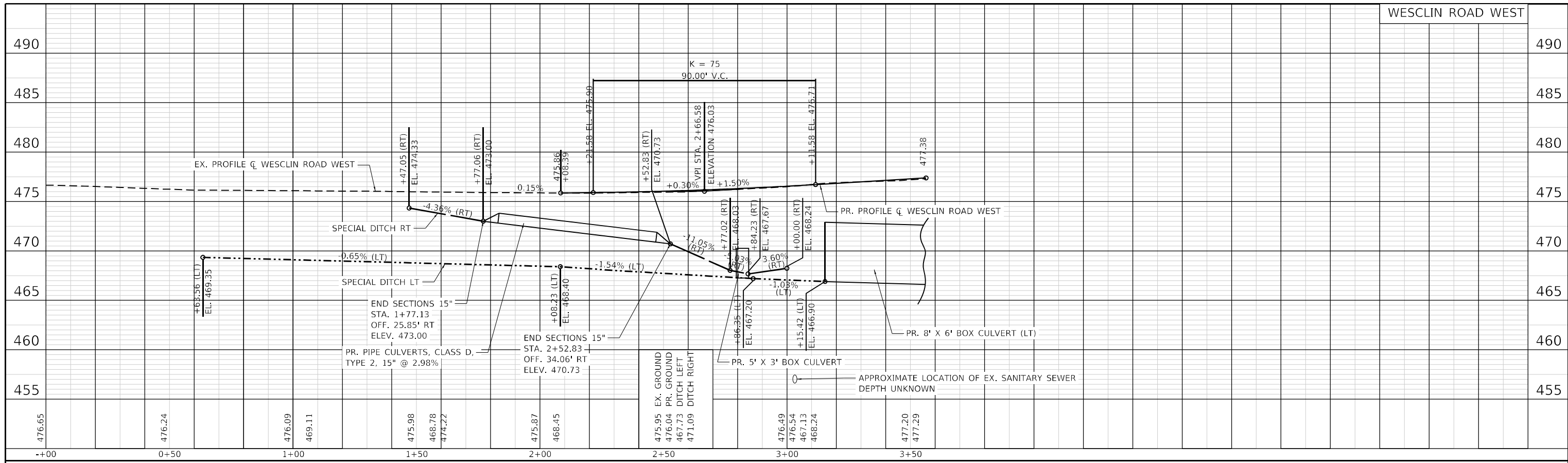
PLAN WESCLIN ROAD		
SCALE: 1"=20'	SHEET 1	OF 2 SHEETS
STA. 2+08.39	TO STA. 11+49.25	

F.A.P. RTE. 690	SECTION 481W-1	COUNTY CLINTON	TOTAL SHEETS 100	SHEET NO. 35
CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CIPWD	
	NO.	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CIPWD	
	NO.	
	CADD FILE NAME	

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TWM, INC.
WWW.TWM-INC.COM
IL DESIGN FIRM LICENSE NO: 184-001220

USER NAME = dlce
DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISIED -
REVISIED -
REVISIED -
REVISIED -

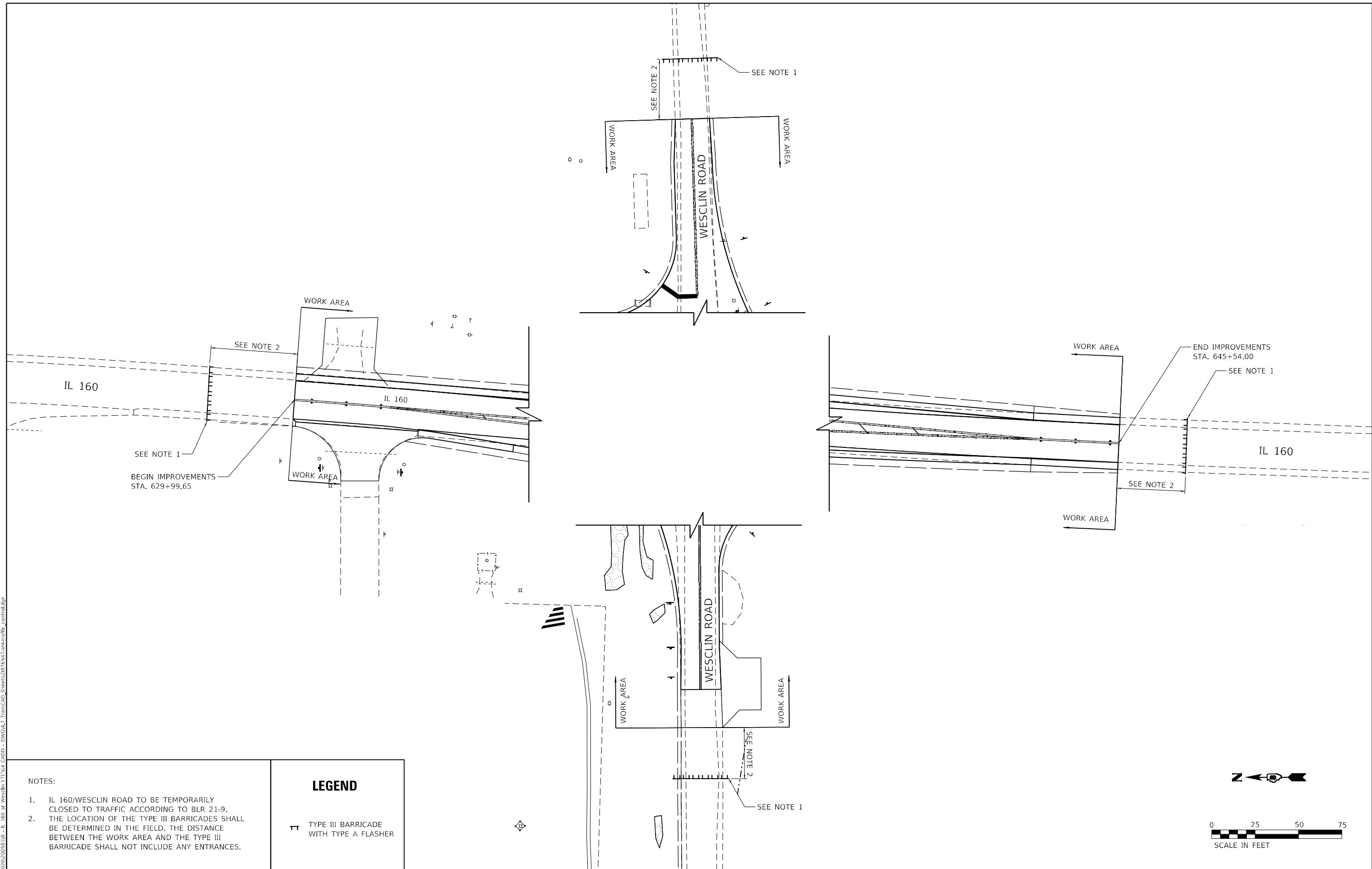
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROFILE
WESCLIN ROAD WEST AND EAST**

SCALE: 1"=20'
SHEET 2 OF 2 SHEETS
STA. 2+08.39 TO STA. 11+49.25

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	36
				CONTRACT NO. 76N47
ILLINOIS FED. AID PROJECT				


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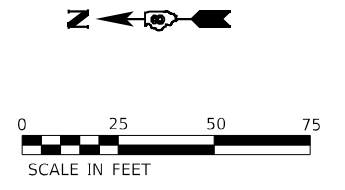


NOTES:

- IL 160/WESCLIN ROAD TO BE TEMPORARILY CLOSED TO TRAFFIC ACCORDING TO BLR 21-9.
- THE LOCATION OF THE TYPE III BARRICADES SHALL BE DETERMINED IN THE FIELD. THE DISTANCE BETWEEN THE WORK AREA AND THE TYPE III BARRICADE SHALL NOT INCLUDE ANY ENTRANCES.

LEGEND

 TYPE III BARRICADE WITH TYPE A FLASHER



TWM, INC.
 WWW.TWM-INC.COM
 IL DESIGN FIRM
 LICENSE NO: 184-001220

USER NAME = dllee	DESIGNED -	REVISED -
PLOT SCALE = 50,0003 * / in.	DRAWN -	REVISED -
PLOT DATE = 11/16/2023	CHECKED -	REVISED -
	DATE -	REVISED -

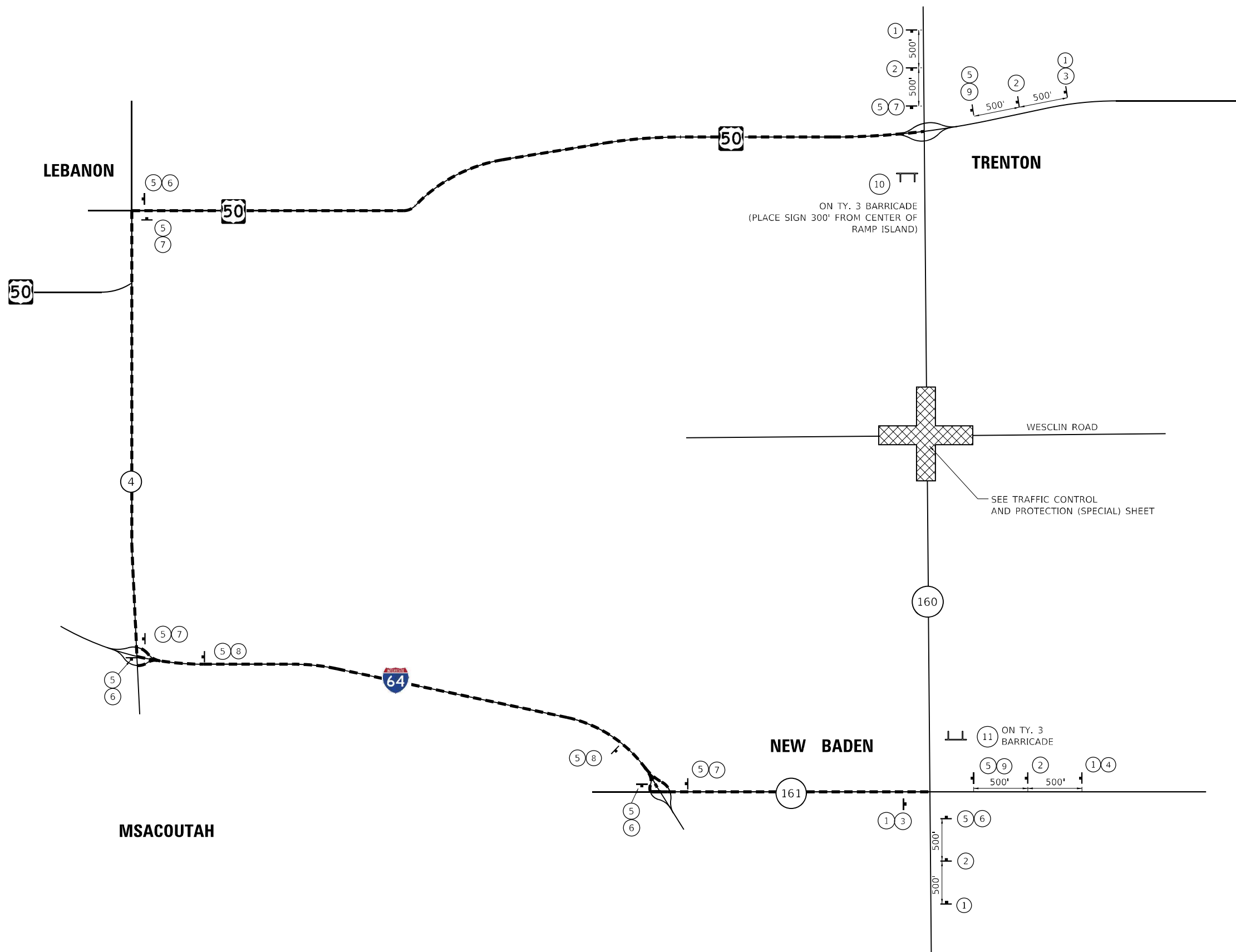
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION (SPECIAL)

SCALE: 1"=25' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE. 690	SECTION 481W-1	COUNTY CLINTON	TOTAL SHEETS 100	SHEET NO. 37
CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				

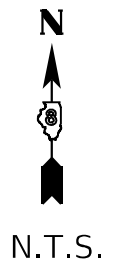
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PROPOSED SIGNAGE			
① W20-3(O)-48 (4 TOTAL)		⑥ M6-1-2115 LT (4 TOTAL)	
② W20-2(O)-48 (4 TOTAL)		⑦ M6-1-2115 RT (4 TOTAL)	
③ M5-1(O)-2115 LT (1 TOTAL)		⑧ M6-2-2115 RT (2 TOTAL)	
④ M5-1(O)-2115 RT (1 TOTAL)		⑨ M6-3-2115 (2 TOTAL)	
⑤ M4-8(O)-2412 M1-1100-3024 (12 TOTAL)		⑩ R11-3A-6030 (1 TOTAL)	
		⑪ R11-3A-6030 (1 TOTAL)	

LEGEND	
	ROAD CLOSURE AREA
	PROPOSED POST MOUNTED SIGN
	TYPE III BARRICADE
	DETOUR ROUTE

- NOTES:
- DETOUR SIGNAGE TO PROVIDED BY CONTRACTOR
 - FIRST SIGNS SHALL BE PLACED 100 FT PRIOR TO INTERSECTION OR TO FIT FIELD CONDITIONS, UNLESS OTHERWISE NOTED OR DIRECTED BY THE ENGINEER.



TWM, INC.
 www.twm-inc.com
 IL DESIGN FIRM LICENSE NO: 184-001220
 USER NAME = dllee
 PLOT SCALE = 0.0900' / in.
 PLOT DATE = 11/16/2023

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION






DETOUR SIGNING PLAN
 SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.

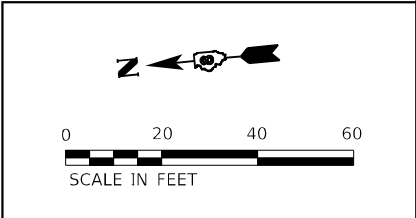
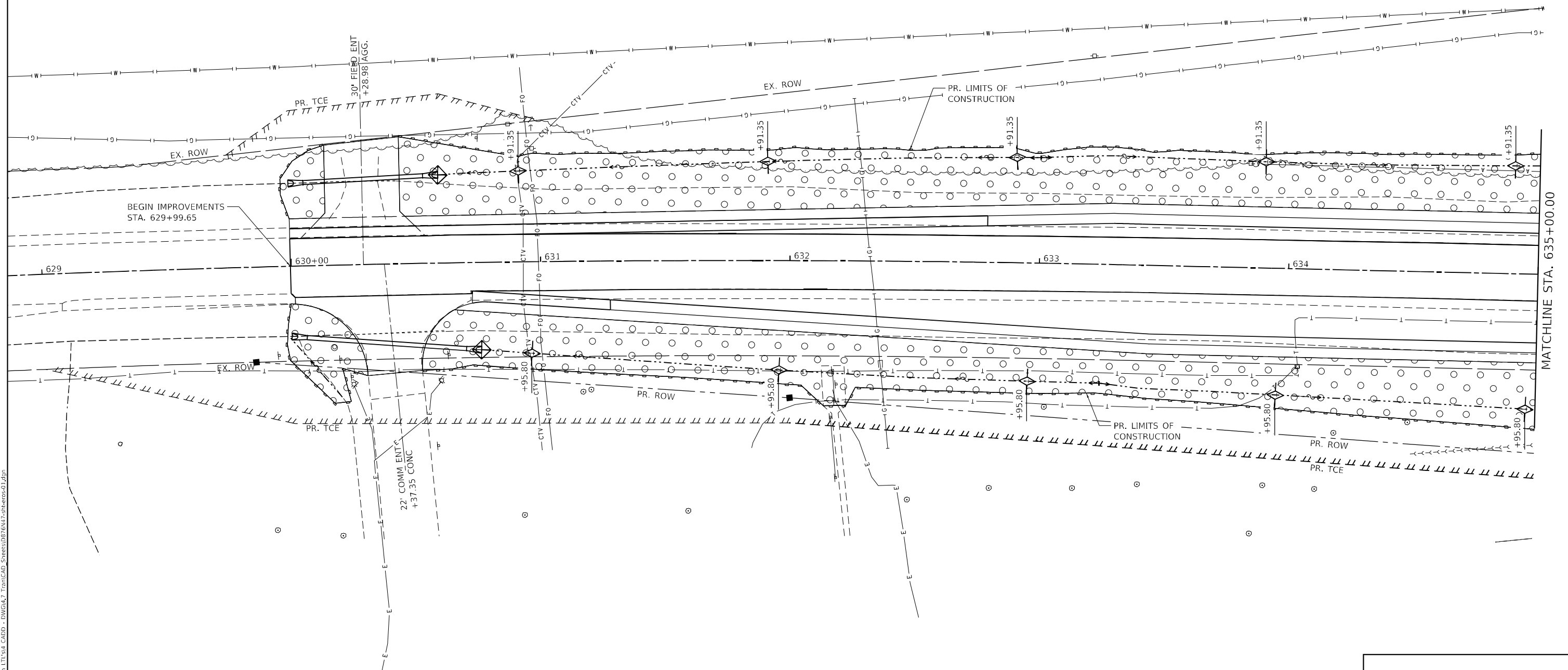
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	38
CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				

NOTES:

1. PLACE EROSION CONTROL BLANKET ON SLOPES FLATTER THAN 1:3

LEGEND

-  PR. SEEDING CLASS 2A
W/ FERTILIZER NUTRIENTS
AND EROSION CONTROL BLANKET
-  PR. TEMPORARY DITCH CHECK
-  PR. INLET AND PIPE PROTECTION
-  PR. PERIMETER EROSION BARRIER
-  PR. STONE RIPRAP, CLASS A4
PR. FILTER FABRIC



MODEL: D:\p\h\...
 FILE NAME: P:\2023\20230518 - IL 160 at WestRt LTL\14 CADD - DWG\4.7 Top\CAD_Sheets\DWG\23-eroc-01.dwg


TWM, INC.
 www.twm-inc.com
 IL DESIGN FIRM
 LICENSE NO: 184-001220

USER NAME = dllee
PLOT SCALE = 40,0000 * / in.
PLOT DATE = 11/16/2023

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -






**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL PLAN

SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. 629+99.65 TO STA. 635+00.00

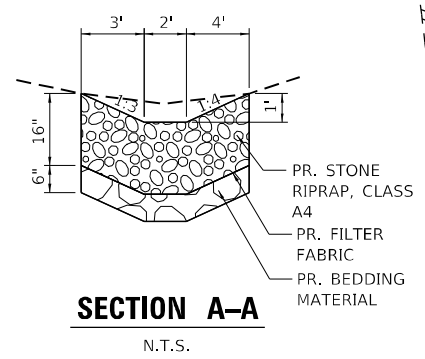
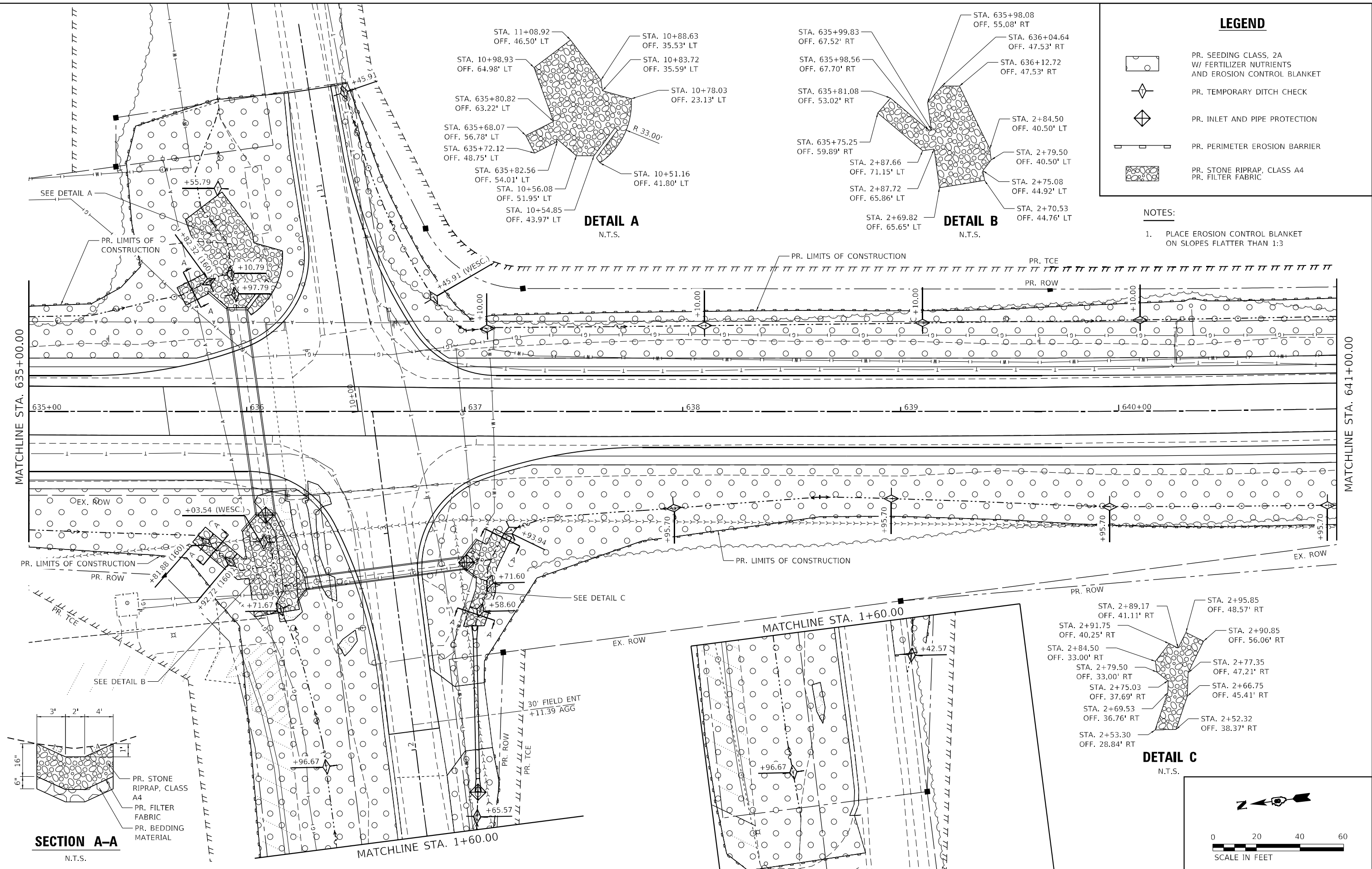
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	39
CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				

LEGEND

-  PR. SEEDING CLASS, 2A
W/ FERTILIZER NUTRIENTS
AND EROSION CONTROL BLANKET
-  PR. TEMPORARY DITCH CHECK
-  PR. INLET AND PIPE PROTECTION
-  PR. PERIMETER EROSION BARRIER
-  PR. STONE RIPRAP, CLASS A4
PR. FILTER FABRIC

NOTES:

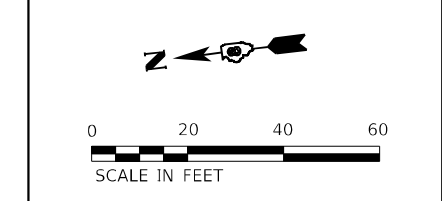
- PLACE EROSION CONTROL BLANKET ON SLOPES FLATTER THAN 1:3



DETAIL A
N.T.S.

DETAIL B
N.T.S.

DETAIL C
N.T.S.



MODEL: P:\d\11...
 FILE NAME: P:\2020\2020051811B - IL 160 at WestDr L11\14 CADD - DWG\4.7 Twp\CAD_Sheets\187612-ct-eros-02.dwg

TWM, INC.
www.twm-inc.com
IL DESIGN FIRM
LICENSE NO: 184-001220

USER NAME = dlce	DESIGNED -	REVISED -
PLOT SCALE = 40,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/16/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL PLAN






SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. 635+00.00 TO STA. 641+00.00

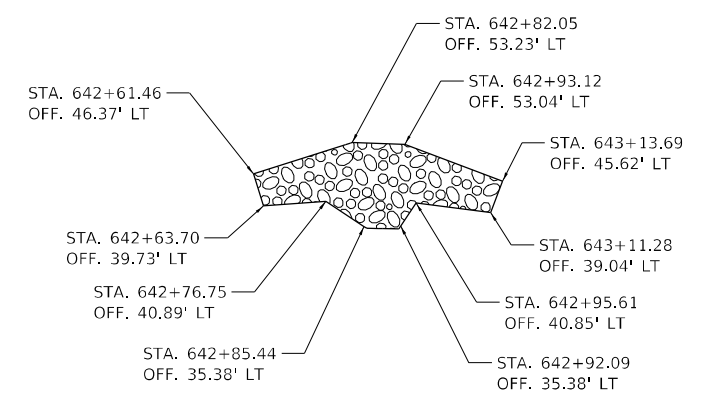
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CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				

NOTES:

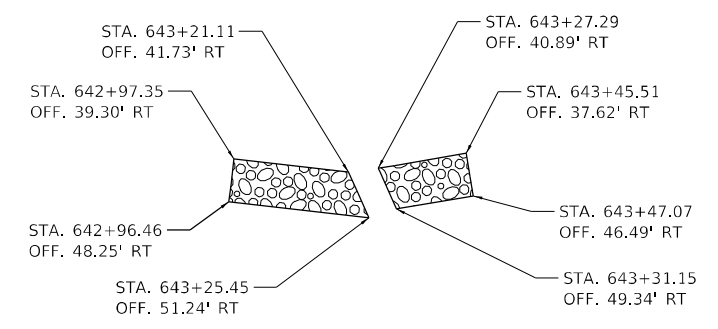
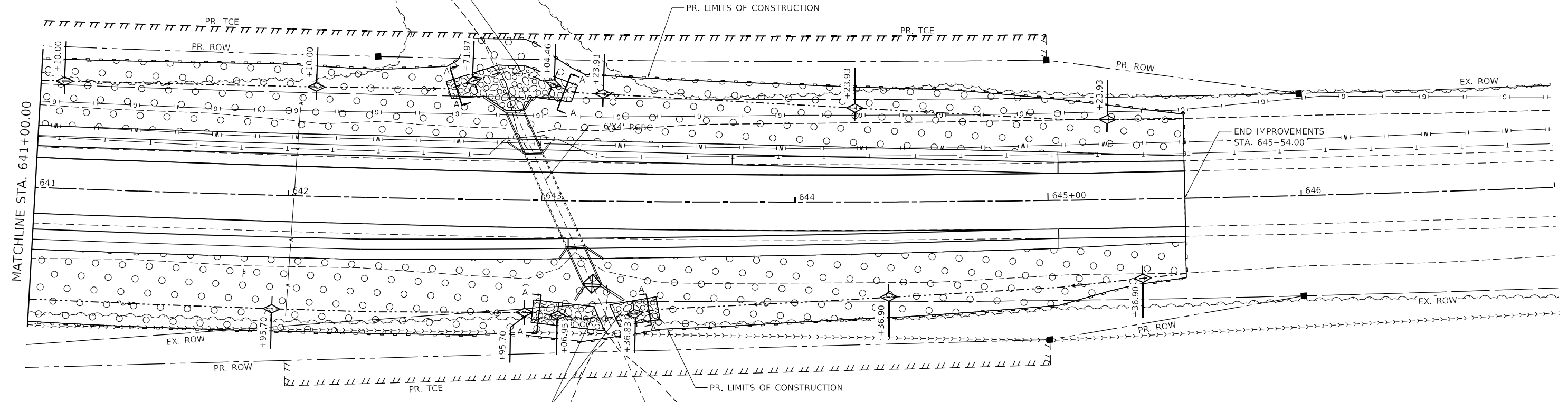
1. PLACE EROSION CONTROL BLANKET ON SLOPES FLATTER THAN 1:3

LEGEND

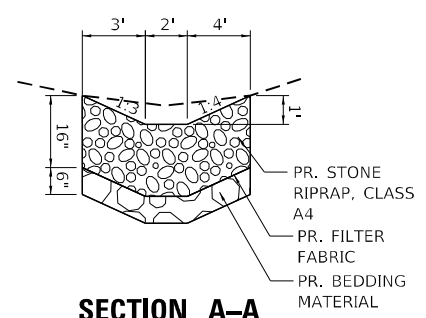
-  PR. SEEDING CLASS, 2A
W/ FERTILIZER NUTRIENTS
AND EROSION CONTROL BLANKET
-  PR. TEMPORARY DITCH CHECK
-  PR. INLET AND PIPE PROTECTION
-  PR. PERIMETER EROSION BARRIER
-  PR. STONE RIPRAP, CLASS A4
PR. FILTER FABRIC



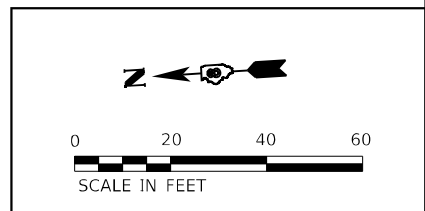
DETAIL D
N.T.S.



DETAIL E
N.T.S.



SECTION A-A
N.T.S.



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USER NAME = dllee	DESIGNED -	REVISED -
PLOT SCALE = 40,0000 */ in.	DRAWN -	REVISED -
PLOT DATE = 11/16/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN

SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. 641+00.00 TO STA. 645+54.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	41
CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				

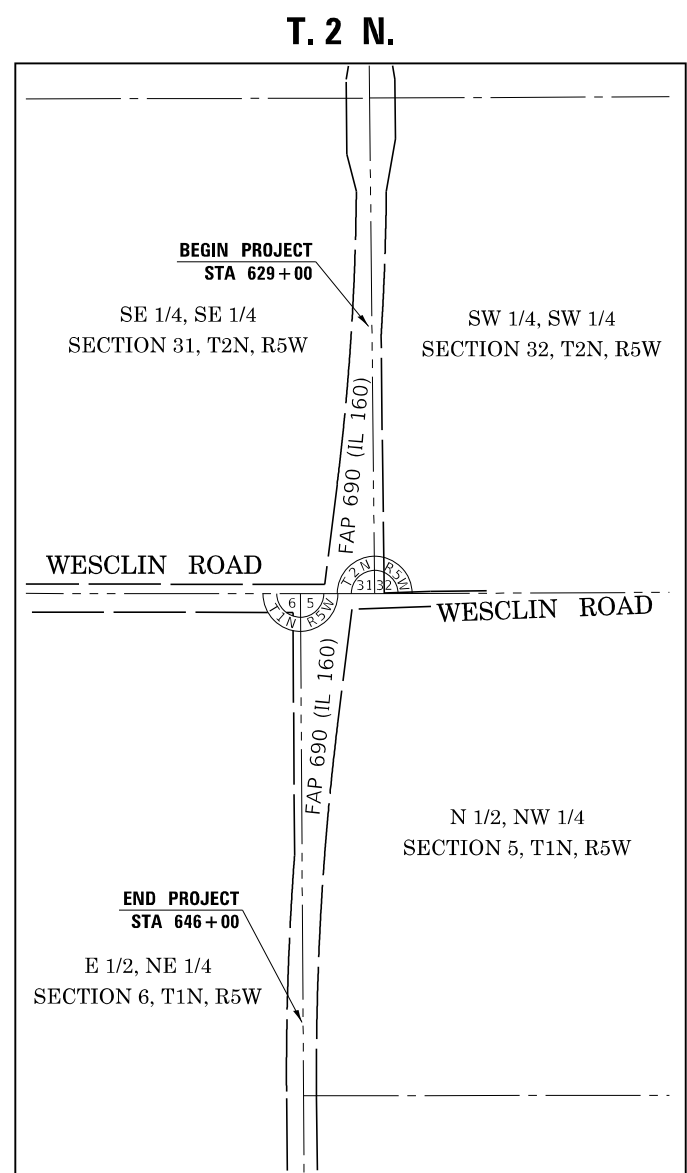
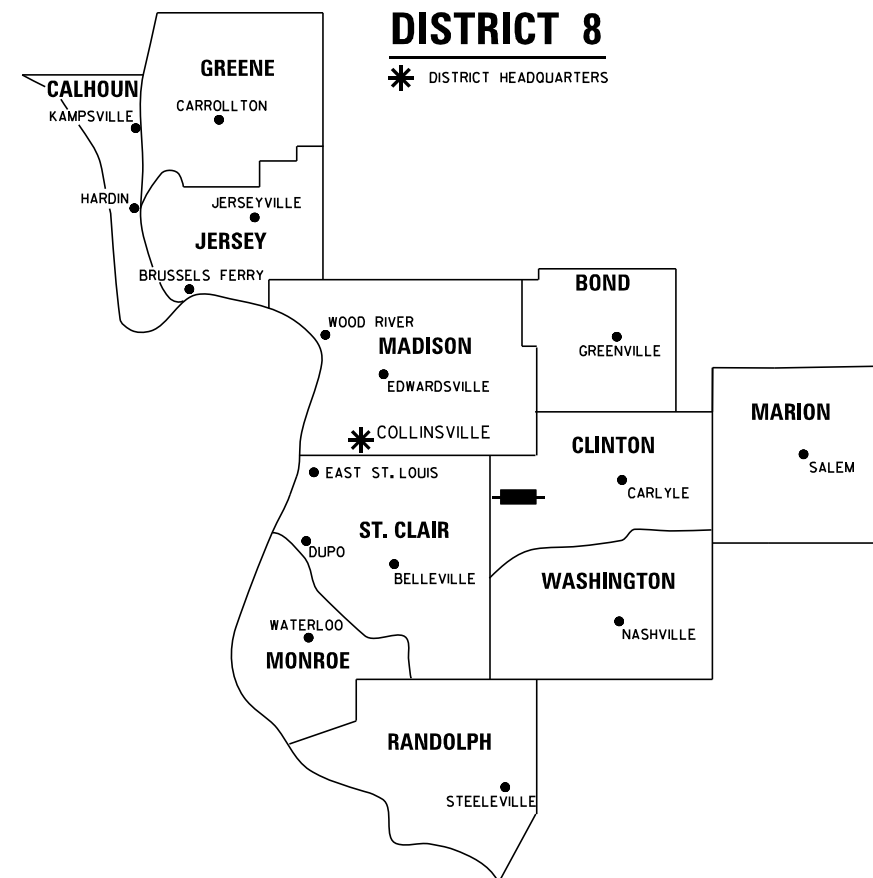
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
OFFICE OF HIGHWAYS PROJECT IMPLEMENTATION

SPACE RESERVED FOR RECORDING OFFICER

PLAT OF HIGHWAYS

**FAP ROUTE 690 (IL 160)
SECTION 481W-1
CLINTON COUNTY
JOB NO. R-98-018-21**

SHEET INDEX		
SHEET NO.	STATION TO STATION	DESCRIPTION
1		COVER SHEET
2		LEGEND/NOTES SHEET
3	629+00 TO 636+28.50	PARCELS 81821001 & 81821002
4	636+28.50 TO 650+00	PARCELS 81821003, 81821004 & 81821005
5	650+00 TO 663+15.00	TOTAL HOLDINGS SKETCH PARCEL 81821003
6		TOTAL HOLDINGS SKETCH PARCEL 81821002 & SECTION DETAIL
7		SECTION CORNER & CONTROL 3-WAY TIES



LOCATION OF SECTION INDICATED THUS:

PREPARED BY:
API Survey LLC
11145 N. Mockingbird Road
Suite A
P.O. Box 333
Nashville, Illinois 62263
Ph. 618-478-9000
Email: gary@apisurvey.com
IDPR Design Firm License No. 184-006526



10/2/2023
JACK A. GELSO, IPLS # 3786
EXPIRATION DATE: 11-30-2024

T. 1 N.
PROJECT LENGTH = 1700 LIN. FT. = 0.3220 MILE

SHEET 1 OF 7

ILLINOIS DEPARTMENT OF TRANSPORTATION OFFICE OF HIGHWAYS PROJECT IMPLEMENTATION/REGION 5/DISTRICT 8 1102 EASTPORT PLAZA DRIVE COLLINSVILLE, ILLINOIS 62234-6198				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	42
CONTRACT NO. 76N47				
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				

LEGEND FOR EXISTING TOPOGRAPHIC SYMBOLS

TRAFFIC SIGNAL GULFBOX	○	DRAINAGE FLOW LINE	— —
TRAFFIC SIGNAL HANDHOLE	□	RIP RAP	— — — — — —
TRAFFIC SIGNAL SIGNAL POST	○	HEADWALL	— — — — — —
TRAFFIC SIGNAL STEEL MAST ARM	—	CULVERT END SECTION	— — — — — —
TRAFFIC SIGNAL PEDESTRIAN PUSH BUTTON	●	DRAINAGE MANHOLE	○
TRAFFIC SIGNAL WOODEN POLE	○	INLET	— — — — — —
TRAFFIC SIGNAL VEHICLE DETECTION PRIORITY	○	ROADWAY DITCH FLOW	— — — — — —
TRAFFIC SIGNAL VEHICLE DETECTION MAGNET	—	VEGETATION LINE	— — — — — —
TRAFFIC SIGNAL JUNCTION BOX	□	STUMP	— — — — — —
TRAFFIC SIGNAL CONTROLLER	□	SHRUB	— — — — — —
TRAFFIC SIGNAL HEAVY DUTY HANDHOLE	□	EVERGREEN TREE	— — — — — —
RAILROAD CANTILEVER MAST ARM	— — — — — —	DECIDUOUS TREE	— — — — — —
RAILROAD CROSSBUCK	— — — — — —	WOODS/BUSH LINE	— — — — — —
RAILROAD TRACK	— — — — — —	TRAFFIC SIGN	— — — — — —
RAILROAD TRACK (ABANDONED)	— — — — — —	GUARDRAIL POST	— — — — — —
RAILROAD CROSSGATE	— — — — — —	GUARDRAIL	— — — — — —
RAILROAD CONTROL BOX	— — — — — —	FIELD LINE	— — — — — —
RAILROAD FLASHING SIGNAL	— — — — — —	LEVEE/NOISE BARRIER	— — — — — —
UTILITY TELEPHONE SPLICE BOX	— — — — — —	FENCE	— — — — — —
UTILITY POWER POLE	— — — — — —	MAIL BOX	— — — — — —
UTILITY TRAFFIC SIGNAL	— — — — — —	ADVERTISING SIGN	— — — — — —
UTILITY LIGHT POLE	— — — — — —	MARSH	— — — — — —
UTILITY FIRE HYDRANT	— — — — — —	LIGHTING HANDHOLE	— — — — — —
UTILITY MANHOLE	— — — — — —	LIGHTING POWER POLE	— — — — — —
UTILITY TELEPHONE POLE	— — — — — —	LIGHTING JUNCTION BOX	— — — — — —
UTILITY GUY ANCHOR	— — — — — —	LIGHTING HEAVYDUTY HANDHOLE	— — — — — —
UTILITY PIPELINE WARNING SIGN	— — — — — —	LIGHTING CONTROLLER	— — — — — —
UTILITY HANDHOLE	— — — — — —	LIGHTING PULL POINT	— — — — — —
UTILITY SPLICE BOX	— — — — — —	HIGHWAY LIGHTING ELECTRICAL GROUND	— — — — — —
UTILITY JUNCTION BOX	— — — — — —	HIGHWAY LIGHTING SINGLE UNIT	— — — — — —
UTILITY HEAVY DUTY HANDHOLE	— — — — — —	HIGHWAY LIGHTING DOUBLE UNIT	— — — — — —
UTILITY DOUBLE HANDHOLE	— — — — — —	EXISTING CONCRETE BARRIER	— — — — — —
UTILITY CONTROLLER	— — — — — —	EXISTING CREEK OR DITCH	— — — — — —
UTILITY WATER METER	— — — — — —	EXISTING EDGE OF PAVEMENT	— — — — — —

RIGHT-OF-WAY LEGEND

	SECTION CORNERS		QUARTER SECTION CORNERS
---	EXISTING CENTERLINE	---	EXISTING RIGHT-OF-WAY LINE
---	FORMER RIGHT-OF-WAY LINE	---	EXISTING IDOT EASEMENT LINE
---	EXISTING EASEMENT LINE	---	EXISTING ACCESS CONTROL LINE
---	BUILDING SETBACK LINE	---	EXISTING RIGHT-OF-WAY & PROPOSED ACCESS CONTROL LINE
---	PROPOSED ACCESS CONTROL LINE	---	PROPOSED CENTERLINE
---	PROPOSED RIGHT-OF-WAY LINE	---	PROPOSED TEMPORARY EASEMENT LINE
---	PROPOSED PERMANENT EASEMENT LINE	---	SECTION LINE
---	QUARTER SECTION LINE	---	QUARTER QUARTER SECTION LINE
---	PROPERTY LINE (TITLE)	---	RECORDED PLAT/DEED LINE
---	APPARENT PROPERTY LINE	---	SAME OWNERSHIP
121.45'	MEASURED DIMENSION	121.45'	RECORDED DIMENSION
□	FOUND STONE	○	FOUND IRON PIPE OR IRON ROD AT CORNER UNLESS OTHERWISE NOTED
○	SET 5/8 INCH IRON ROD WITH PLASTIC CAP IDENTIFIED BY SURVEYORS LICENSE NUMBER AT CORNER UNLESS OTHERWISE NOTED	●	PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 667101 (TO BE SET BY OTHERS)
△	SET 5/8 INCH IRON ROD AS SURVEY CONTROL UNLESS OTHERWISE NOTED	+	FOUND CUT CROSS
+	SET CUT CROSS		

LEGEND FOR ABBREVIATIONS

A/C	ACCESS CONTROL
AC	ACRE
AVE	AVENUE
BK	BOOK
BLVD	BOULEVARD
CL	CENTERLINE
CAB	CABINET
CH	COUNTY HIGHWAY
Ch	CHAIN
CP	CONTROL POINT
CPS	COTTON PICKER SPINDLE
DB	DEED BOOK
DOC	DOCUMENT
E	EAST
EOL	EDGE OF LANE
EOP	EDGE OF PAVEMENT
EOS	EDGE OF SHOULDER
EX	EXISTING
FA	FEDERAL AID
FAI	FEDERAL AID INTERSTATE
FAP	FEDERAL AID PRIMARY
FAS	FEDERAL AID SECONDARY
FAU	FEDERAL AID URBAN
FND	FOUND
IP	IRON PIPE
IR	IRON ROD
LT	LEFT
MON	MONUMENT
N	NORTH
N/F	NOW OR FORMERLY
N & B	NAIL AND BOTTLE CAP
N & C	NAIL AND CAP
N & W	NAIL AND WASHER
NE	NORTHEAST
NW	NORTHWEST
PB	PLAT BOOK
PG	PAGE
POB	POINT OF BEGINNING
POC	POINT OF COMMENCEMENT
POT	POINT ON TANGENT
PL	PROPERTY LINE
PR	PROPOSED
R	RANGE
RD	ROAD
REC	RECORD
ROW	RIGHT-OF-WAY
RR	RAILROAD
RRS	RAILROAD SPIKE
RT	RIGHT
RTE	ROUTE
S	SOUTH
SBI	STATE BOND ISSUE
SE	SOUTHEAST
SEC	SECTION
SQ FT	SQUARE FEET
SR	STATE ROUTE
ST	STREET
STA	STATION
SMK	SURVEY MARKER
SW	SOUTHWEST
T	TOWNSHIP
TR	TOWNSHIP ROAD
USGS	U.S. GEOLOGICAL SURVEY
W	WEST

PROPOSED PARCEL NUMBER LEGEND

8001001	PROPOSED FEE SIMPLE ACQUISITION
8001001PE	PROPOSED PERMANENT EASEMENT
8001001TE	PROPOSED TEMPORARY EASEMENT
8001001DED	PROPOSED DEDICATION
8001001AC	PROPOSED ACCESS CONTROL LINE

CURVE ABBREVIATIONS

PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
PT	POINT OF TANGENCY
PRC	POINT OF REVERSE CURVE
PCC	POINT OF COMPOUND CURVE
R	RADIUS OF CURVE
L	LENGTH OF CURVE
CB	CHORD BEARING
C	CHORD LENGTH
D	DEGREE OF CURVE
E	EXTERNAL ORDINATE
Δ	CENTRAL ANGLE

IDOT PROVIDED ALIGNMENT & PAVEMENT & CONSTRUCTION FAP ROUTE 690 (IL 160)			
STATION	NORTH	EAST	DESCRIPTION
607+61.56	136,988.7924	10,851.5346	POT
623+99.28	135,351.1798	10,870.8992	PC
	134,879.6667	10,876.4748	PI
633+40.97	134,411.6304	10,819.0487	PT
639+64.79	133,792.4493	10,743.0777	PC
	133,290.6149	10,681.5047	PI
649+74.53	132,785.0398	10,686.2801	PT
666+29.22	131,130.4245	10,701.9088	POT

CONSTRUCTION WESCLIN ROAD - WEST			
STATION	NORTH	EAST	DESCRIPTION
0+00	134,095.2124	10,424.1765	POT
3+56.31	134,097.2977	10,780.4814	INTERSECTION WITH IL 160

CONSTRUCTION WESCLIN ROAD - EAST			
STATION	NORTH	EAST	DESCRIPTION
10+00	134,103.7505	10,781.2731	INTERSECTION WITH IL 160
13+00	134,112.9007	11,081.1335	POT

**LOW DISTORTION PROJECTION - CLINTON COUNTY
BASIS OF COORDINATE & BEARING STATEMENT**

ALL DISTANCES AND BEARINGS SHOWN HEREON ARE GRID VALUES BASED ON THE FOLLOWING PROJECTION DEFINITION. THE PROJECTION WAS DEFINED SUCH THAT GRID DISTANCES ARE EQUIVALENT TO "GROUND" DISTANCES.

LINEAR UNIT: US SURVEY FEET
 GEODETIC DATUM: NAD 1983 (2011) - EPOCH: 2010
 VERTICAL DATUM: NAVD 1988
 PROJECTION: TRANSVERSE MERCATOR
 LATITUDE OF ORIGIN: 38°12'00"N
 CENTRAL MERIDIAN: 89°25'00"W
 FALSE NORTHING: 0.000 SFT
 FALSE EASTING: 88,000.000 SFT
 CM SCALE FACTOR: 1.000015304

THE SURVEY WAS REFERENCED TO THE NATIONAL SPATIAL REFERENCE SYSTEM BY DIRECT CONNECTION TO THE FOLLOWING MONUMENTS

CONTROL: U 249 RESET (PID: AB7258)
 LATITUDE: N 38°32'06.67906" NORTHING: 122,203.8652 SFT
 LONGITUDE: W 89°42'27.72006" EASTING: 4,746.5545 SFT
 ELLIPSOIDAL HEIGHT: 362.8930 SFT ORTHO. HT: 463.0733 SFT (GEOID 18)

CONTROL WS 120 (PID: DP3805)
 LATITUDE: N 38°32'07.24588" NORTHING: 122,229.0988 SFT
 LONGITUDE: W 89°40'11.12088" EASTING: 15,601.1102 SFT
 ELLIPSOIDAL HEIGHT: 334.8779 SFT ORTHO. HT: 435.0927 SFT (GEOID 18)

**PROJECT SURVEY CONTROL DATA
GROUND SURFACE COORDINATE SYSTEM**

COORDINATES PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION
 JOB NO. D-98-080-20 / C-98-093-20 / CONTRACT NO. 76N47

POINT NO.	NORTHING	EASTING	DESCRIPTION
1	134,794.5305	10,839.3346	IR WITH ALUMINUM CAP
6	134,168.4599	10,771.9066	IR WITH ALUMINUM CAP
100	133,031.7023	10,703.3926	IR WITH PLASTIC CAP
101	133,283.8783	10,683.0024	MAG NAIL
102	133,530.4916	10,732.0378	IR WITH PLASTIC CAP
103	133,782.5117	10,727.4674	MAG NAIL
104	134,027.2358	10,788.2555	IR WITH PLASTIC CAP
105	134,281.2903	10,789.0121	MAG NAIL
106	134,524.6208	10,845.8833	MAG NAIL
107	135,013.6142	10,883.1690	IR WITH PLASTIC CAP
109	134,106.7086	10,656.2269	MAG NAIL
110	134,086.5809	10,406.2732	MAG NAIL
111	134,098.9468	10,907.3596	MAG NAIL
112	134,120.3777	11,156.9292	MAG NAIL

TOTAL HOLDING AREA SOURCE TABLE

1	AREA ACCORDING TO THE SURVEY PERFORMED BY THE CONSULTANT.
2	AREA LISTED IN RECORDED DEED.
3	AREA ACCORDING TO A RECORDED SUBDIVISION PLAT.
4	AREA ACCORDING TO A PLAT OF SURVEY.
5	AREA CALCULATED FROM RECORDED DEEDS OR TITLE COMMITMENTS - NOT SURVEYED.
6	AREA ACCORDING TO COUNTY TAX MAPS AND COUNTY ASSESSMENT RECORDS.
7	AREA ACCORDING TO OTHER RECORDS, SEE NOTE ON THE PLAT OF HIGHWAYS.

TOPOGRAPHIC STATEMENT

THE TOPOGRAPHY SHOWN HEREON WAS PROVIDED TO THE SURVEYOR BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION. THE SURVEYOR VISUALLY FIELD VERIFIED THE EXISTENCE OF THE TOPOGRAPHY SHOWN HEREON. IN ADDITION THE SURVEYOR PHYSICALLY LOCATED IN THE FIELD THE FOLLOWING ITEMS ON 7/8/21:

1. ROAD SURFACE FOR WESCLIN ROAD, EAST & WEST OF INTERSECTION.
2. WESCLIN SCHOOL SIGN
- 3.



10/2/2023

**JACK A. GELSO, IPLS # 3786
EXPIRATION DATE: 11-30-2024**

PREPARED BY:

API Survey LLC
 11145 N. Mockingbird Road
 Suite A
 P.O. Box 333
 Nashville, Illinois 62263
 Ph. 618-478-9000
 Email: gary@apisurvey.com
 IDPR Design Firm License No. 184-006526

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
 FAP ROUTE 690 (IL 160)
 SECTION 481W-1
 CLINTON COUNTY
 JOB NO. R-98-018-21
 LEGENDS AND NOTES SHEET

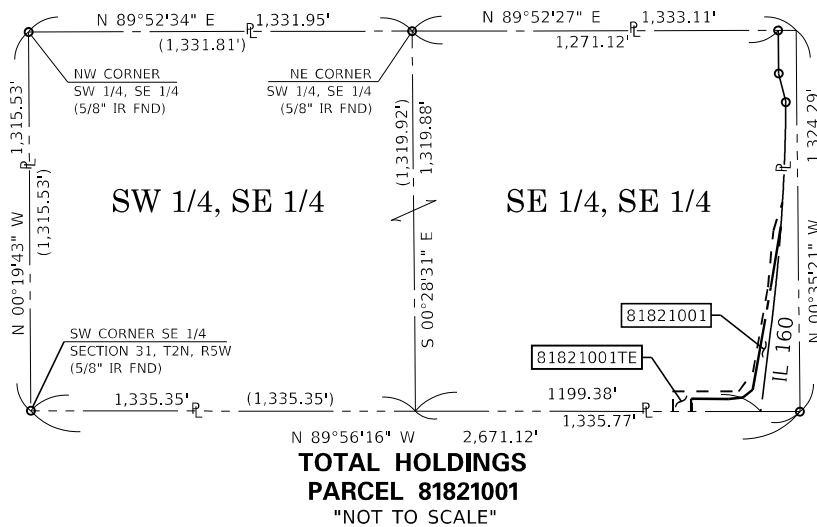
SHEET 2 OF 7

ILLINOIS DEPARTMENT OF TRANSPORTATION
 OFFICE OF HIGHWAYS PROJECT IMPLEMENTATION/REGION 5/DISTRICT 8
 1102 EASTPORT PLAZA DRIVE
 COLLINGSVILLE, ILLINOIS 62234-6198

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	43
CONTRACT NO. 76N47				
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				

PART OF SE 1/4, SE 1/4 OF SECTION 31 & PART OF THE SW 1/4, SW 1/4 OF SECTION 32, T.2 N., R.5 W., OF THE 3RD P.M., CLINTON COUNTY, ILLINOIS

SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) AND BASIS OF COORDINATES & BEARINGS STATEMENT ON SHEET 2



PROP. CURVE C1
PI STA. = 628+70.83
 $\Delta = 7^\circ 40' 21" (RT)$
D = 0' 48' 53"
R = 7,032.20'
T = 471.55'
L = 941.68'
E = 15.79'
P.C. STA. = 623+99.28
P.T. STA. = 633+40.97

CURVE C1
L = 785.77'
R = 6,835.50'
CB = 503°45'21"W
C = 785.34'

CURVE C2
L = 353.18'
R = 6,835.50'
CB = S05°34'08"W
C = 353.15'

CURVE C14
L = 84.54'
R = 6,835.50'
CB = S03°44'03"W
C = 84.54'

DESCRIPTION	STATION	OFFSET	NORTH	EAST
SW CORNER SECTION 32 (IR ALUMINUM CAP FND)	636+16.90	96.83'LT	134,125.9580	10,881.5500
NE CORNER SECTION 6 (IR & CAP SET)	636+40.87	100.25'RT	134,126.1729	10,683.0191
S 1/4 CORNER SEC 32 (PINCH PIPE FND)			134,139.4170	13,521.4000
S 1/4 CORNER SEC 31 (5/8" IR FND)			134,128.8574	8,210.4303
EX ROW	636+33.37	38.57'RT	134,126.1061	10,745.1571
PR ROW (IR SET)	636+62.48	277.97'RT	134,126.3678	10,503.9955
PR ROW (IR SET)	636+18.34	283.65'RT	134,170.8671	10,503.7351
PR ROW (IR SET)	636+03.92	154.43'RT	134,169.4402	10,633.7457
PR ROW (IR SET)	635+92.16	105.53'RT	134,175.1647	10,683.7130
PR ROW (IR SET)	635+62.00	75.00'RT	134,201.3749	10,717.6888
TE	636+70.32	342.49'RT	134,126.4384	10,438.9940
TE	636+00.89	351.43'RT	134,196.4389	10,438.5843
TE	635+73.13	123.10'RT	134,196.1892	10,668.5897
TE	635+00.00	81.82'RT	134,263.7437	10,718.4719
EX ROW PT	633+40.12	38.29'RT	134,417.1364	10,781.1442
PR ROW (IR SET)	632+00.00	55.00'RT	134,557.3119	10,780.0985
TE	632+00.00	65.03'RT	134,558.3331	10,770.1250
TE	630+00.00	63.12'RT	134,755.5736	10,789.4014
PR ROW (IR SET)	629+85.00	38.12'RT	134,768.6154	10,815.4137
TE	629+00.00	38.14'RT	134,852.9738	10,820.9196

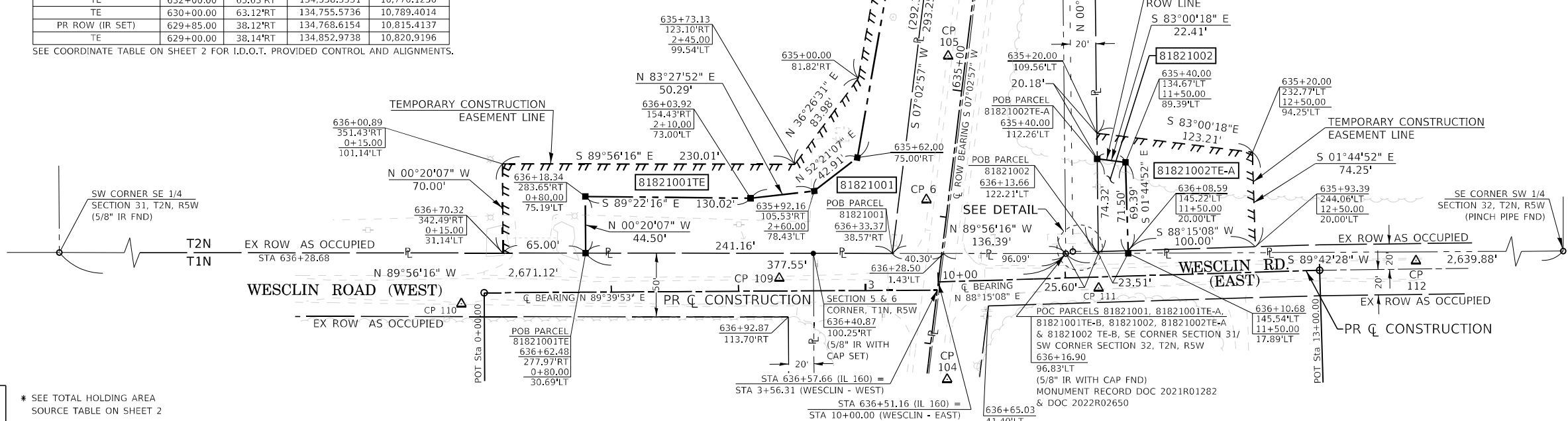
SEE COORDINATE TABLE ON SHEET 2 FOR I.D.O.T. PROVIDED CONTROL AND ALIGNMENTS.

SE 1/4, SE 1/4
SECTION 31, T2N, R5W

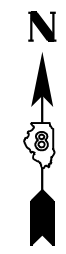
18-2021CT-449.0
THE BOARD OF EDUCATION OF
WESCLIN COMMUNITY UNIT SCHOOL
DISTRICT NO. 3
(BK 249 PG 214)
TAX NO.: 05-05-31-400-006

SEE SHEET 6 FOR TOTAL HOLDINGS
SW 1/4, SW 1/4
SECTION 32, T2N, R5W

18-2021CT-450.0
RONALD G. WIEGMANN &
CONNIE M. WIEGMANN,
HUSBAND & WIFE, AS JOINT TENANTS
(DOC 2014R03116)
TAX NO.: 05-05-32-300-008



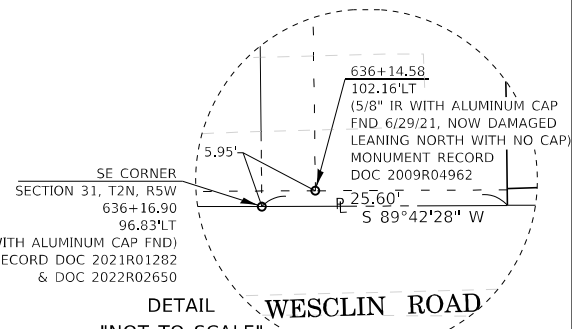
PARCEL	BOOK/PAGE	DATE RECORDED
81821001	2010R05632 BK 84 PG 588	10/6/2010 1/24/1950
81821002	2010R07422 BK 84 PG 589	12/10/2010 1/24/1950



SPACE RESERVED FOR RECORDING OFFICER

DESCRIPTION	STATION	OFFSET	NORTH	EAST
EX ROW (IR SET)	629+33.32	41.87'LT	134,814.7751	10,898.7214
TE - EX ROW	629+75.00	45.20'LT	134,772.7041	10,899.2360
TE	630+00.00	62.38'LT	134,746.3453	10,914.5595
TE	630+60.00	67.85'LT	134,685.5479	10,915.3030
TE - EX ROW	631+00.00	56.71'LT	134,646.2845	10,900.7821
TE - EX ROW	635+20.00	109.56'LT	134,220.5862	10,905.9885
TE	635+20.00	232.77'LT	134,205.5813	11,028.2821
PR ROW (IR SET)	635+40.00	112.26'LT	134,200.4060	10,906.2353
PR ROW (IR SET)	635+40.00	134.67'LT	134,197.6770	10,928.4767
PR ROW (IR SET)	636+10.68	145.54'LT	134,126.2084	10,930.6576
TE	635+93.39	244.06'LT	134,131.3664	11,030.5468
TE	636+08.59	145.22'LT	134,131.3664	11,030.5468
EX ROW	636+13.66	122.21'LT	134,128.3163	10,930.5933
EX ROW	636+65.03	41.40'LT	134,084.9436	10,820.6765

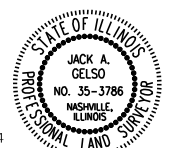
SEE COORDINATE TABLE ON SHEET 2 FOR I.D.O.T. PROVIDED CONTROL AND ALIGNMENTS.



STATE OF ILLINOIS)
COUNTY OF WASHINGTON) SS

I, JACK A. GELSO, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, CERTIFY THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCELS TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED 10/16/2023



JACK A. GELSO, PLS NO. 3786
LICENSE EXPIRATION DATE: 11/30/2024

PREPARED BY:
API Survey LLC
11145 N. Mockingbird Road
Suite A
P.O. Box 333
Nashville, Illinois 62263
Ph. 618-478-9000
Email: gary@apisurvey.com
IDPR Design Firm License No. 184-006526

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAP 690 (IL 160)
SECTION 481W-1
CLINTON COUNTY
JOB NO. R-98-018-21
STATION 629+00.00 TO STATION 636+28.50

ILLINOIS DEPARTMENT OF TRANSPORTATION
OFFICE OF HIGHWAYS PROJECT IMPLEMENTATION/REGION 5/DISTRICT 8
1102 EASTPORT PLAZA DRIVE
COLLINGSVILLE, ILLINOIS 62234-6198

SCALE: 1" = 50'

SHEET 3 OF 7

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	44

COMPLETION DATE OF FIELD WORK PERFORMED
LAND SURVEY: 7/9/2021
ROW STAKING:

FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	GROSS		FEE SIMPLE ACQUISITION PREVIOUSLY DEDICATED OR AS OCCUPIED		NET		REMAINDER	EASEMENTS		PERMANENT TAX NUMBER AFFECTED	PROPERTY ACQUIRED BY
			ACRES	SQ FT	ACRES	SQ FT	ACRES	SQ FT		ACRES	SQ FT		
81821001	BOARD OF EDUCATION OF WESCLIN COMMUNITY UNIT SCHOOL DISTRICT NO. 3 TITLE REPORT NO. CT-449.0	78.6528	0.5550	24,178			0.5550	24,178	78.0978	TE 0.4351	TE 18,953	05-05-31-400-006	CONSTRUCTION & GRADING PURPOSES
81821002	RONALD G. WIEGMANN & CONNIE M. WIEGMANN, HUSBAND & WIFE, AS JOINT TENANTS TITLE REPORT NO. CT-450.0	179.01	0.0382	1,665	0.0009	42	0.0373	1,623	178.97	TE-A 0.1983 TE-B 0.0322 TOTAL 0.2305	TE-A 8,638 TE-B 1,404 TOTAL 10,042	05-05-32-300-008	ENTRANCE CONSTRUCTION & GRADING PURPOSES

PART OF E 12, NE 14 OF SECTION 6 & PART OF THE N 12, NW 14 OF SECTION 5, T. 1 N., R. 5 W., OF THE 3RD P.M., CLINTON COUNTY, ILLINOIS

SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) AND BASIS OF COORDINATES & BEARINGS STATEMENT ON SHEET 2

COORDINATE TABLE				
DESCRIPTION	STATION	OFFSET	NORTH	EAST
PR ROW (IR SET)	636+62.48	277.97*RT	134,126.3678	10,503.9955
TE	637+19.85	335.59*RT	134,076.4375	10,439.8104
PR ROW (IR SET)	637+12.07	271.59*RT	134,076.3675	10,504.2882
PR ROW (IR SET)	637+17.67	110.49*RT	134,051.1946	10,663.5051
TE	637+27.72	109.19*RT	134,041.0600	10,663.5709
PR ROW (IR SET)	639+00.00	86.92*RT	133,867.3420	10,664.6979
TE/PR ROW	642+00.00	65.18*RT	133,564.5397	10,653.1075
TE	642+00.53	75.16*RT	133,564.9222	10,643.1148
TE	645+00.14	65.00*RT	133,262.6434	10,631.5444
TE/PR ROW (IR SET)	645+00.00	55.00*RT	133,262.2609	10,641.5371
PR/EX ROW (IR SET)	646+00.00	39.66*RT	133,161.0476	10,652.2500
EX ROW PC (IR SET)	649+80.54	40.00*RT	132,778.6515	10,646.3387

SEE COORDINATE TABLE ON SHEET 2 FOR I.D.O.T. PROVIDED CONTROL AND ALIGNMENTS.

EXISTING ROW (RECORD INFORMATION)		
PARCEL	BOOK/PAGE	DATE RECORDED
81821003	BK 84 PG 589	1/24/1950
81821004	BK 84 PG 588	1/24/1950
81821005	BK 84 PG 588	1/24/1950

CURVE C3
L = 648.16'
R = 7,679.50'
CB = N01°52'36"E
C = 647.97'

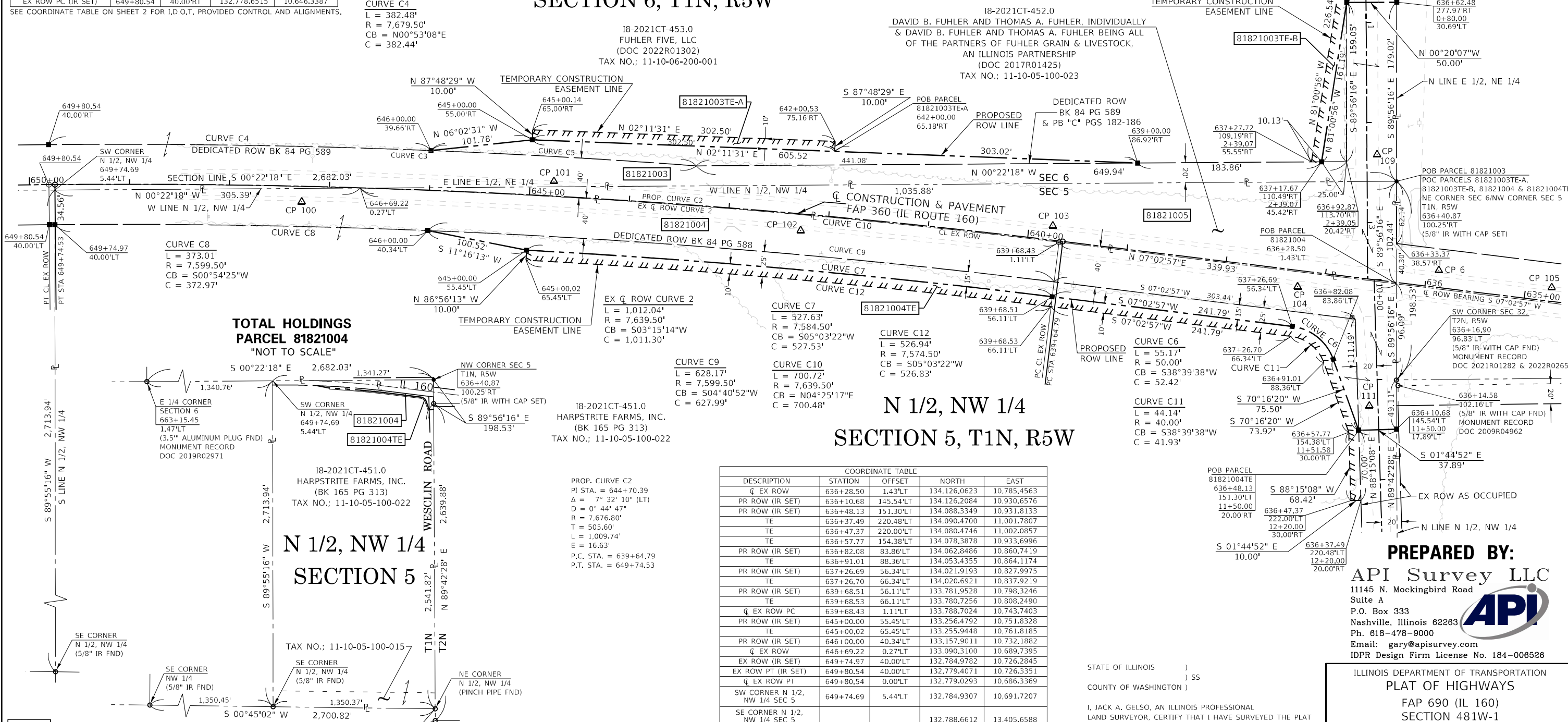
CURVE C5
L = 265.68'
R = 7,679.50'
CB = N03°18'13"E
C = 265.67'

CURVE C4
L = 382.48'
R = 7,679.50'
CB = N00°53'08"E
C = 382.44'

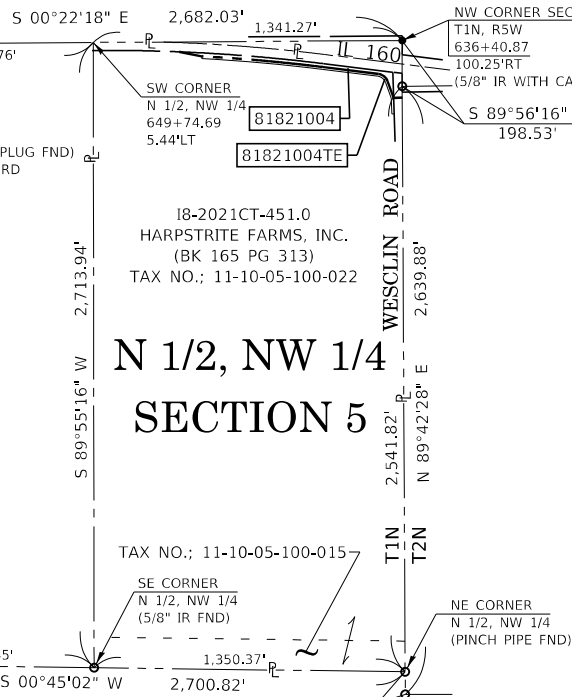
SEE SHEET 5 FOR TOTAL HOLDINGS

E 1/2, NE 1/4 SECTION 6, T1N, R5W

18-2021CT-453.0
FUHLER FIVE, LLC
(DOC 2022R01302)
TAX NO.: 11-10-06-200-001



TOTAL HOLDINGS PARCEL 81821004 "NOT TO SCALE"



CURVE C9
L = 628.17'
R = 7,599.50'
CB = S04°40'52"W
C = 627.99'

CURVE C10
L = 700.72'
R = 7,639.50'
CB = N04°25'17"E
C = 700.48'

N 1/2, NW 1/4 SECTION 5, T1N, R5W

18-2021CT-451.0
HARPSTRITE FARMS, INC.
(BK 165 PG 313)
TAX NO.: 11-10-05-100-022

COORDINATE TABLE				
DESCRIPTION	STATION	OFFSET	NORTH	EAST
EX ROW	636+28.50	1.43*LT	134,126.0623	10,785.4563
PR ROW (IR SET)	636+10.68	145.54*LT	134,126.2084	10,930.6576
PR ROW (IR SET)	636+48.13	151.30*LT	134,088.3349	10,931.8133
TE	636+37.49	220.48*LT	134,090.4700	11,001.7807
TE	636+47.37	220.00*LT	134,080.4746	11,002.0857
TE	636+57.77	154.38*LT	134,078.3878	10,933.6996
PR ROW (IR SET)	636+82.08	83.86*LT	134,062.8486	10,860.7419
TE	636+91.01	88.36*LT	134,053.4355	10,864.1174
PR ROW (IR SET)	637+26.69	56.34*LT	134,021.9193	10,827.9975
TE	637+26.70	66.34*LT	134,020.6921	10,837.9219
PR ROW (IR SET)	639+68.51	56.11*LT	133,781.9528	10,798.3246
TE	639+68.53	66.11*LT	133,780.7256	10,808.2490
EX ROW PC	639+68.43	1.11*LT	133,788.7024	10,743.7403
PR ROW (IR SET)	645+00.00	55.45*LT	133,256.4792	10,751.8328
TE	645+00.02	65.45*LT	133,255.9448	10,761.8185
PR ROW (IR SET)	646+00.00	40.34*LT	133,157.9011	10,732.1882
EX ROW	646+69.22	0.27*LT	133,090.3100	10,689.7395
EX ROW (IR SET)	649+74.97	40.00*LT	132,784.9782	10,726.2845
EX ROW PT (IR SET)	649+80.54	40.00*LT	132,779.4071	10,726.3351
EX ROW PT	649+80.54	0.00*LT	132,779.0293	10,686.3369
SW CORNER N 1/2, NW 1/4 SEC 5	649+74.69	5.44*LT	132,784.9307	10,691.7207
SE CORNER N 1/2, NW 1/4 SEC 5 (5/8\"/>				

SEE COORDINATE TABLE ON SHEET 2 FOR I.D.O.T. PROVIDED CONTROL AND ALIGNMENTS.

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	FEE SIMPLE ACQUISITION				REMAINDER ACRES	EASEMENTS		PERMANENT TAX NUMBER AFFECTED	PROPERTY ACQUIRED BY			
			GROSS ACRES	SQ FT	PREVIOUSLY DEDICATED OR OCCUPIED ACRES	NET ACRES		PE = PERMANENT TE = TEMPORARY ACRES	SQ FT			EASEMENT PURPOSE		
81821003	FUHLER FIVE, LLC, AN ILLINOIS LIMITED LIABILITY COMPANY TITLE REPORT NO. CT-453.0	81.8227	2.6176	114,022	2.3891	104,068	0.2285	9,954	79,2051	TE-A 0.0694 TE-B 0.0445 TOTAL 0.1139	TE-A 3,025 TE-B 1,939 TOTAL 4,964	CONSTRUCTION & GRADING ENTRANCE CONSTRUCTION & GRADING	11-10-06-200-001	
81821004	HARPSTRITE FARMS, INC. TITLE REPORT NO. CT-451.0	83.2092	1.6514	71,935	1.3074	56,952	0.3440	14,983	81,5578	TE 0.2210	TE 9,626	CONSTRUCTION & GRADING	11-10-05-100-022	
81821005	DAVID B. FUHLER & THOMAS A. FUHLER (**SEE NOTE) TITLE REPORT NO. CT-452.0	1.0065	1.0065	43,845	1.0065	43,845	0.0000	0	0.0000				11-10-05-100-023	

STATE OF ILLINOIS)
COUNTY OF WASHINGTON) SS

I, JACK A. GELSO, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, CERTIFY THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCELS TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.



DATED 10/16/2023
JACK A. GELSO, PLS NO. 3786
LICENSE EXPIRATION DATE: 11/30/2024

PREPARED BY:
API Survey LLC
11145 N. Mockingbird Road
Suite A
P.O. Box 333
Nashville, Illinois 62263
Ph. 618-478-9000
Email: gary@apisurvey.com
IDPR Design Firm License No. 184-006526

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAP 690 (IL 160)
SECTION 481W-1
CLINTON COUNTY
JOB NO. R-98-018-21
STATION 636+28.50 TO STATION 650+00.00

SCALE: 1" = 50'
SHEET 4 OF 7

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	45

ILLINOIS DEPARTMENT OF TRANSPORTATION
OFFICE OF HIGHWAYS PROJECT IMPLEMENTATION/REGION 5/DISTRICT 8
1102 EASTPORT PLAZA DRIVE
COLLINGSVILLE, ILLINOIS 62234-6198

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

PART OF E 1/2, NE 1/4 OF SECTION 6 & PART OF THE S 1/2, NW 1/4 OF SECTION 5, T.1 N., R. 5 W., OF THE 3RD P.M., CLINTON COUNTY, ILLINOIS

SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S)
AND BASIS OF COORDINATES & BEARINGS STATEMENT ON SHEET 2



SPACE RESERVED FOR RECORDING OFFICER

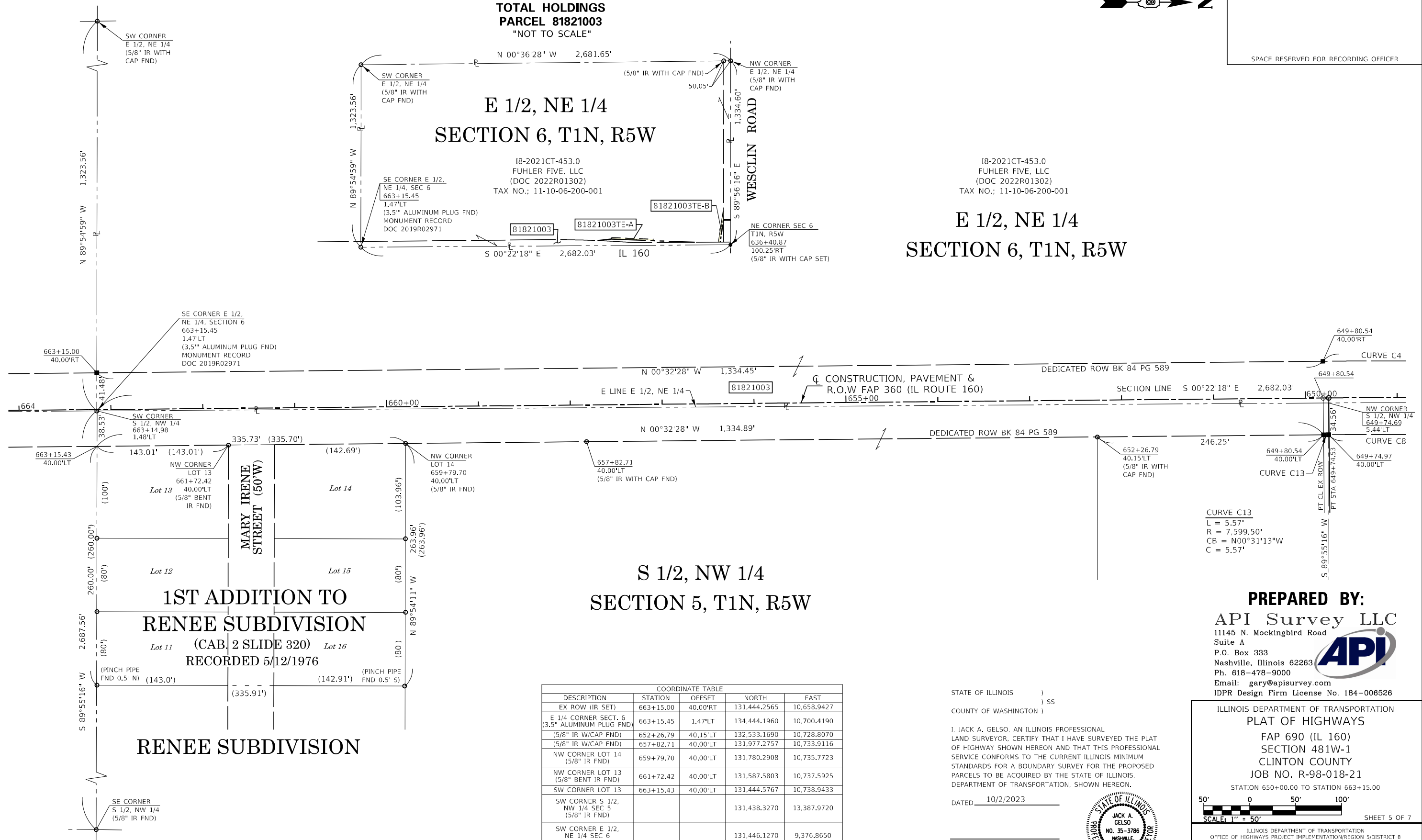
**TOTAL HOLDINGS
PARCEL 81821003
"NOT TO SCALE"**

**E 1/2, NE 1/4
SECTION 6, T1N, R5W**

18-2021CT-453.0
FUHLER FIVE, LLC
(DOC 2022R01302)
TAX NO.: 11-10-06-200-001

18-2021CT-453.0
FUHLER FIVE, LLC
(DOC 2022R01302)
TAX NO.: 11-10-06-200-001

**E 1/2, NE 1/4
SECTION 6, T1N, R5W**



**S 1/2, NW 1/4
SECTION 5, T1N, R5W**

**1ST ADDITION TO
RENEE SUBDIVISION
(CAB. 2 SLIDE 320)
RECORDED 5/12/1976**

RENEE SUBDIVISION

COORDINATE TABLE				
DESCRIPTION	STATION	OFFSET	NORTH	EAST
EX ROW (IR SET)	663+15.00	40.00'RT	131,444.2565	10,658.9427
E 1/4 CORNER SECT. 6 (3.5" ALUMINUM PLUG FND)	663+15.45	1.47'LT	134,444.1960	10,700.4190
(5/8" IR W/CAP FND)	652+26.79	40.15'LT	132,533.1690	10,728.8070
(5/8" IR W/CAP FND)	657+82.71	40.00'LT	131,977.2757	10,733.9116
NW CORNER LOT 14 (5/8" IR FND)	659+79.70	40.00'LT	131,780.2908	10,735.7723
NW CORNER LOT 13 (5/8" BENT IR FND)	661+72.42	40.00'LT	131,587.5803	10,737.5925
SW CORNER LOT 13	663+15.43	40.00'LT	131,444.5767	10,738.9433
SW CORNER S 1/2, NW 1/4 SEC 5 (5/8" IR FND)			131,438.3270	13,387.9720
SW CORNER E 1/2, NE 1/4 SEC 6 (5/8" IR W/CAP FND)			131,446.1270	9,376.8650
NW CORNER E 1/2, NE 1/4 SEC 6 (5/8" IR W/CAP FND)			134,127.6222	9,348.4155

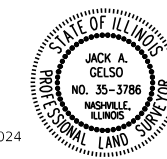
SEE COORDINATE TABLE ON SHEET 2 FOR I.D.O.T. PROVIDED CONTROL AND ALIGNMENTS.

STATE OF ILLINOIS)
COUNTY OF WASHINGTON) SS

I, JACK A. GELSO, AN ILLINOIS PROFESSIONAL
LAND SURVEYOR, CERTIFY THAT I HAVE SURVEYED THE PLAT
OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL
SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM
STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED
PARCELS TO BE ACQUIRED BY THE STATE OF ILLINOIS,
DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED 10/2/2023

JACK A. GELSO, PLS NO. 3786
LICENSE EXPIRATION DATE: 11/30/2024



PREPARED BY:
API Survey LLC
11145 N. Mockingbird Road
Suite A
P.O. Box 333
Nashville, Illinois 62263
Ph. 618-478-9000
Email: gary@apisurvey.com
IDPR Design Firm License No. 184-006526

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAP 690 (IL 160)
SECTION 481W-1
CLINTON COUNTY
JOB NO. R-98-018-21

STATION 650+00.00 TO STATION 663+15.00



ILLINOIS DEPARTMENT OF TRANSPORTATION
OFFICE OF HIGHWAYS PROJECT IMPLEMENTATION/REGION 5/DISTRICT 8
1102 EASTPORT PLAZA DRIVE
COLLINGSVILLE, ILLINOIS 62234-6198

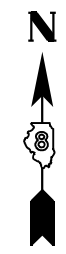
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	46
			CONTRACT NO. 76N47	

FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT

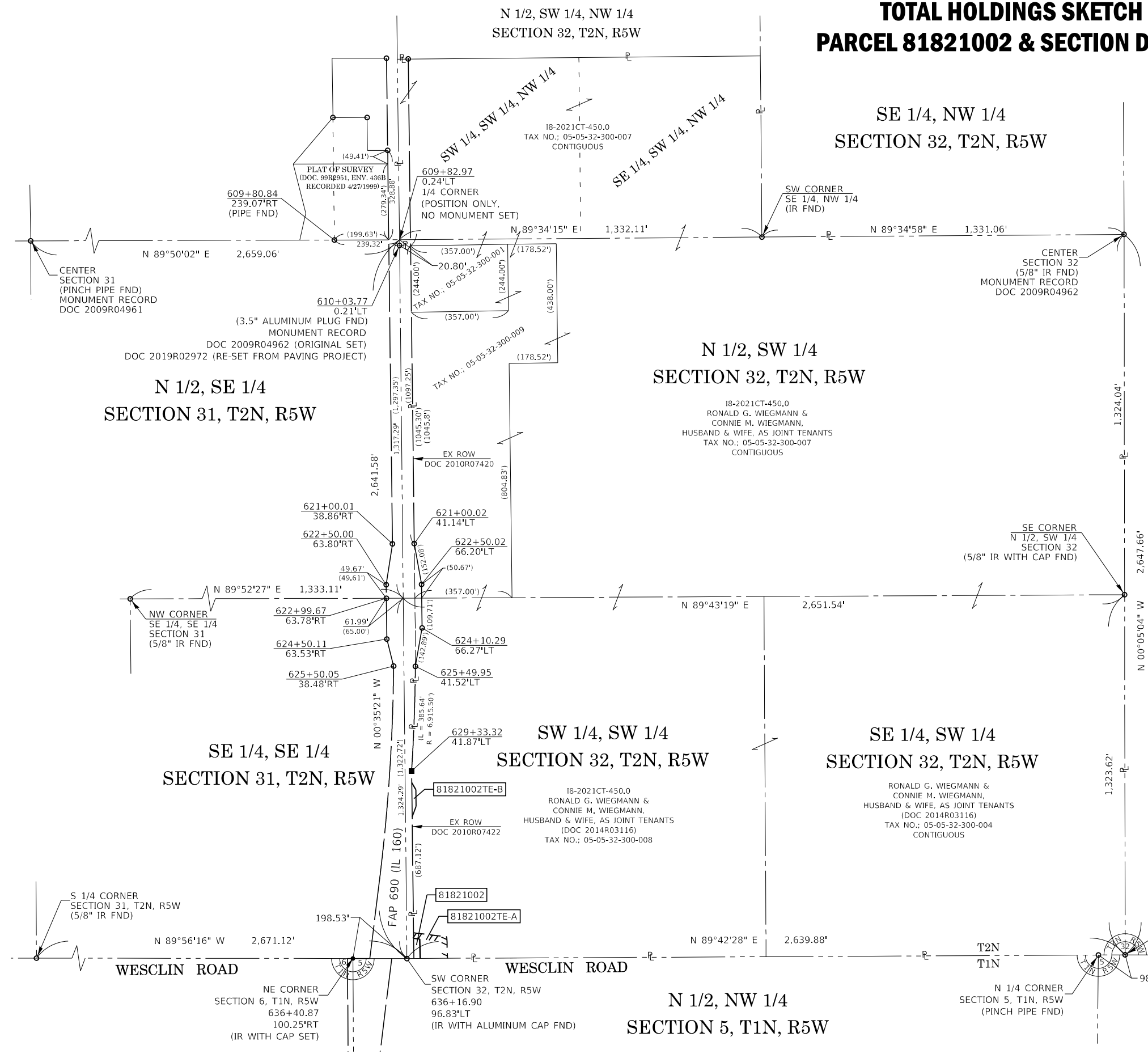
COMPLETION DATE OF FIELD WORK PERFORMED	
LAND SURVEY: 7/9/2021	ROW STAKING:

SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) AND BASIS OF COORDINATES & BEARINGS STATEMENT ON SHEET 2

TOTAL HOLDINGS SKETCH PARCEL 81821002 & SECTION DETAIL



SPACE RESERVED FOR RECORDING OFFICER



COORDINATE TABLE				
DESCRIPTION	STATION	OFFSET	NORTH	EAST
1/4 CORNER (POSITION ONLY)	609+82.97	0.24'LT	136,767.3997	10,854.3932
(3.5" ALUMINUM PLUG FND)	610+03.77	0.21'LT	136,746.6060	10,854.6070
(PIPE FND)	609+80.84	239.07'RT	136,766.7060	10,615.0790
SW CORNER, SE 1/4, NW 1/4, SEC 32 (IR FND)			136,777.3770	12,186.4680
CENTER SEC 31 (PINCH PIPE FND)			136,759.6918	8,195.3456
EX ROW (IR W/ALUMINUM CAP)	621+00.02	41.14'LT	135,650.9163	10,908.4967
EX ROW (IR W/ALUMINUM CAP)	622+50.02	66.20'LT	135,501.2220	10,935.3287
EX ROW (IR W/ALUMINUM CAP)	624+10.29	66.27'LT	135,340.8540	10,937.2900
EX ROW (IR W/ALUMINUM CAP)	625+49.95	41.52'LT	135,200.1163	10,912.5840
EX ROW (IR SET)	629+33.32	41.87'LT	134,814.7751	10,898.7214
EX ROW (IR W/ALUMINUM CAP)	621+00.01	38.86'RT	135,649.9789	10,828.5023
EX ROW (IR W/ALUMINUM CAP)	622+50.00	63.80'RT	135,499.7037	10,805.3416
EX ROW (IR W/ALUMINUM CAP)	622+99.67	63.78'RT	135,450.0370	10,805.9490
EX ROW (IR W/ALUMINUM CAP)	624+50.11	63.53'RT	135,300.0686	10,807.7832
EX ROW (IR W/ALUMINUM CAP)	625+50.05	38.48'RT	135,200.7907	10,832.5871
NW CORNER, SE 1/4, SW 1/4, SEC 31 (5/8" IR FND)			135,447.2450	9,534.8320
SE CORNER, N 1/2, SW 1/4, SEC 32 (5/8" IR W/CAP FND)			135,463.0362	13,519.4468
S 1/4 CORNER SEC 31 (IR & CAP SET)			134,128.8574	8,210.4303
NE CORNER SECTION 6 (IR & CAP SET)	636+40.87	100.25'RT	134,126.1729	10,683.0191
SW CORNER SECTION 32 (IR ALUMINUM CAP FND)	636+16.90	96.83'LT	134,125.9580	10,881.5500
S 1/4 CORNER SEC 32 (PINCH PIPE FND)			134,139.4170	13,521.4000

SEE COORDINATE TABLE ON SHEET 2 FOR I.D.O.T. PROVIDED CONTROL AND ALIGNMENTS.



10/2/2023
JACK A. GELSO, IPLS # 3786
 EXPIRATION DATE: 11-30-2024

PREPARED BY:
API Survey LLC
 11145 N. Mockingbird Road
 Suite A
 P.O. Box 333
 Nashville, Illinois 62263
 Ph. 618-478-9000
 Email: gary@apisurvey.com
 IDPR Design Firm License No. 184-006526

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
 FAP 690 (IL 160)
 SECTION 481W-1
 CLINTON COUNTY
 JOB NO. R-98-018-21
 TOTAL HOLDINGS & SECTION DETAIL

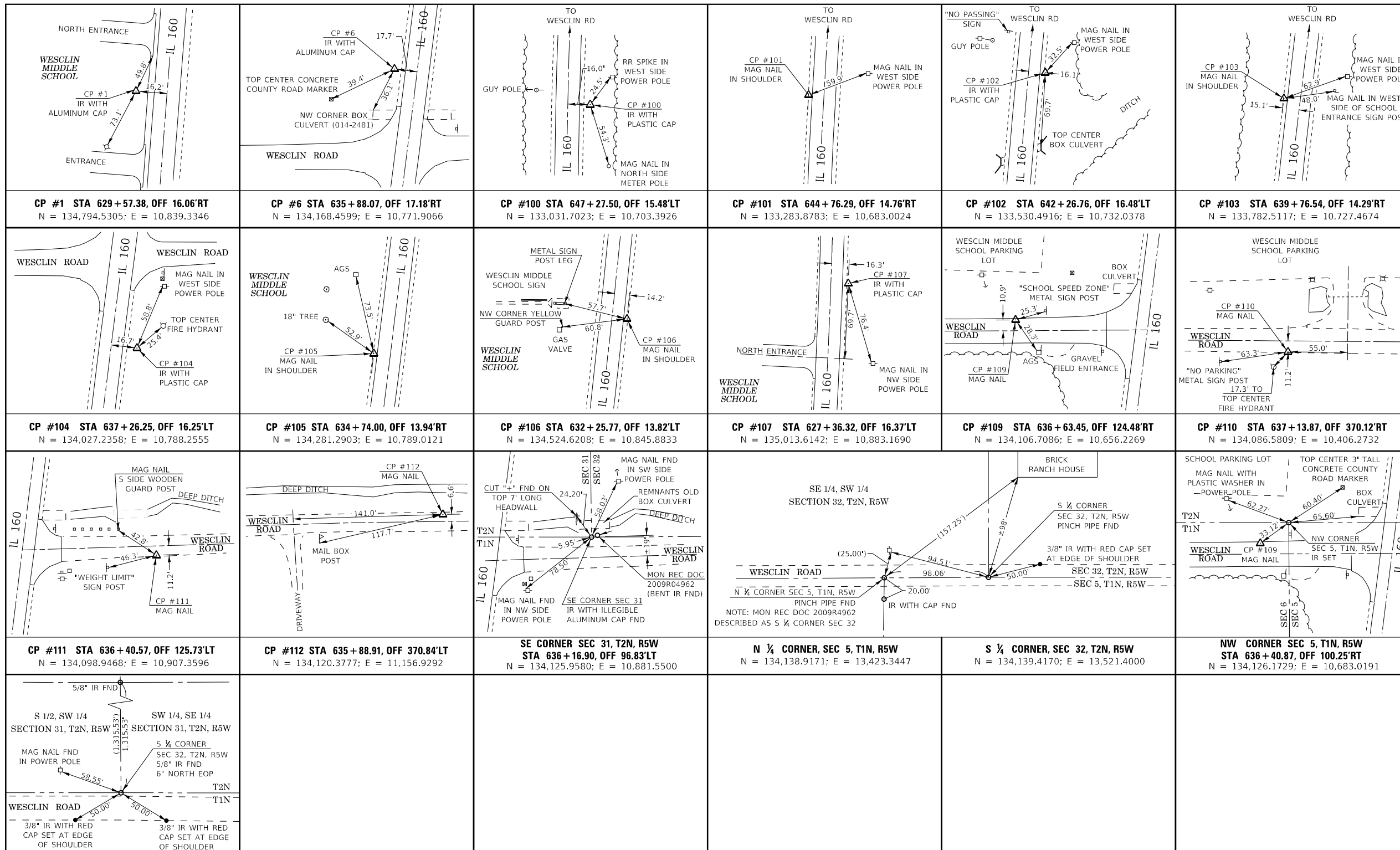
SCALE: 1" = 200'

ILLINOIS DEPARTMENT OF TRANSPORTATION
 OFFICE OF HIGHWAYS PROJECT IMPLEMENTATION/REGION 5/DISTRICT 8
 1102 EASTPORT PLAZA DRIVE
 COLLINGSVILLE, ILLINOIS 62234-6198

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	47

COMPLETION DATE OF FIELD WORK PERFORMED
 LAND SURVEY: 7/9/2021
 ROW STAKING:

SECTION CORNER & CONTROL TIE SHEET



SPACE RESERVED FOR RECORDING OFFICER

10/2/2023
JACK A. GELSO, IPLS # 3786
 EXPIRATION DATE: 11-30-2024



PREPARED BY:
API Survey LLC
 11145 N. Mockingbird Road
 Suite A
 P.O. Box 333
 Nashville, Illinois 62263
 Ph. 618-478-9000
 Email: gary@apisurvey.com
 IDPR Design Firm License No. 184-006526

COMPLETION DATE OF FIELD WORK PERFORMED
 LAND SURVEY: 7/9/2021 ROW STAKING:
 ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
 FAP ROUTE 690 (IL 160)
 SECTION 481W-1
 CLINTON COUNTY
 JOB NO. R-98-018-21
 SECTION CORNER &
 CONTROL TIE SHEET
 NOT TO SCALE
 SHEET 7 OF 7

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	48
CONTRACT NO. 76N47				

LEGEND



TYPICAL SECTION - 1.5%
FROM CROWNED C

NE QUAD

PT. NO.	STATION	OFFSET	ELEVATION
1.	10+80.95	11.00' LT	475.57
2.	10+79.65	11.03' LT	475.61
3.	10+69.77	12.41' LT	475.90
4.	10+60.44	15.95' LT	476.14
5.	10+52.62	21.04' LT	476.32
6.	10+45.21	28.66' LT	476.52
7.	636+08.29 =	33.94' LT	476.70
	10+40.06	37.21' LT	" "
8.	635+99.40	29.40' LT	476.89
9.	635+89.96	26.11' LT	477.07
10.	635+80.37	23.28' LT	477.20
11.	635+70.65	20.94' LT	477.30
12.	635+60.82	19.09' LT	477.36
13.	635+50.95	17.74' LT	477.41
14.	635+40.95	16.87' LT	477.45
15.	635+30.96	16.51' LT	477.48
16.	635+28.73	16.50' LT	477.49

RADIUS POINT
RADIUS 200'
STA. 635+28.73
216.50' LT

RADIUS POINT
RADIUS 220'
STA. 11+24.25 = 638+60.58
231.00' RT = 157.92' LT

SE QUAD

PT. NO.	STATION	OFFSET	ELEVATION
1.	11+24.25	11.00' RT	474.12
2.	11+19.45	11.05' RT	474.30
3.	11+09.46	11.50' RT	474.66
4.	10+99.50	12.40' RT	475.01
5.	10+89.59	13.75' RT	475.33
6.	10+79.75	15.55' RT	475.62
7.	10+70.01	17.79' RT	475.89
8.	10+60.38	20.48' RT	476.14
9.	10+50.88	23.60' RT	476.37
10.	10+41.53	27.15' RT	476.58
11.	10+32.35	31.11' RT	476.77
12.	10+23.80	36.26' RT	476.93
13.	10+16.60	43.17' RT	476.96
14.	10+11.09	51.49' RT	477.00
15.	10+07.56	60.83' RT	477.01
16.	10+06.67 =	65.16' RT =	477.01
	637+14.54	16.50' LT	" "

NW QUAD

PT. NO.	STATION	OFFSET	ELEVATION
1.	2+33.39	11.00' LT	475.78
2.	2+38.13	11.05' LT	475.81
3.	2+48.12	11.49' LT	475.88
4.	2+58.07	12.39' LT	475.96
5.	2+67.98	13.74' LT	476.06
6.	2+77.82	15.53' LT	476.17
7.	2+87.56	17.77' LT	476.29
8.	2+97.20	20.46' LT	476.43
9.	3+06.70	23.57' LT	476.58
10.	3+15.68	27.92' LT	476.75
11.	3+23.48	34.14' LT	476.90
12.	3+29.72	41.93' LT	476.99
13.	3+34.09	50.90' LT	477.06
14.	3+36.34 =	60.26' LT =	477.04
	636+00.44	27.50' RT	" "

PR. 2CC
R1=45'
OS=10'
R2=220'

RADIUS POINT
RADIUS 45'
STA. 636+00.44
72.50' RT

SW QUAD

PT. NO.	STATION	OFFSET	ELEVATION
1.	2+77.02	11.00' RT	476.11
2.	2+78.17	11.02' RT	476.12
3.	2+88.06	12.38' RT	476.24
4.	2+97.40	15.88' RT	476.35
5.	3+05.74	21.36' RT	476.45
6.	3+12.67	28.55' RT	476.64
7.	3+17.85	37.08' RT	476.79
8.	3+2.01 =	46.54' RT =	476.83
	637+08.32	29.07' RT	" "
9.	637+17.82	25.96' RT	476.86
10.	637+27.45	23.27' RT	476.88
11.	637+37.20	21.03' RT	476.89
12.	637+47.04	19.24' RT	476.89
13.	637+56.94	17.89' RT	476.89
14.	637+66.90	16.99' RT	476.88
15.	637+76.89	16.55' RT	476.87
16.	637+81.62	16.50' RT	476.86

PR. 2CC
R1=45'
OS=10'
R2=220'

RADIUS POINT
RADIUS 45'
STA. 2+77.02 =
637+23.31
56.00' RT = 71.50' RT

RADIUS POINT
RADIUS 220'
STA. 637+81.62
236.50' RT

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INTERSECTION DETAIL

SCALE: 1"=15' SHEET 1 OF 1 SHEETS STA. TO STA.



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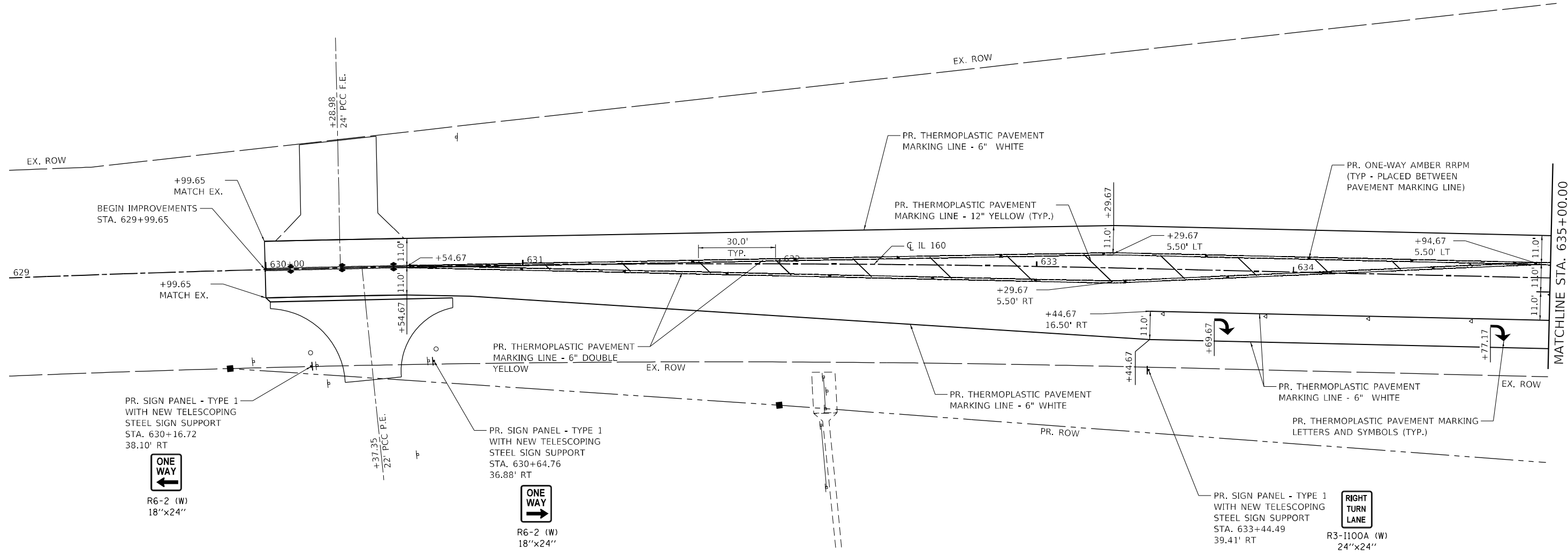
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REVISIONS:
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	49

CONTRACT NO. 76N47
 ILLINOIS FED. AID PROJECT

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- NOTES:
1. RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED PER HIGHWAY STANDARD 781001 EXCEPT AS NOTED FOR FLUSH MEDIAN.

LEGEND	
	ONE-WAY AMBER RRPM
	ONE-WAY CRYSTAL RRPM
	TWO-WAY AMBER RRPM

SCALE IN FEET



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 www.twm-inc.com
 IL DESIGN FIRM LICENSE NO: 184-001220

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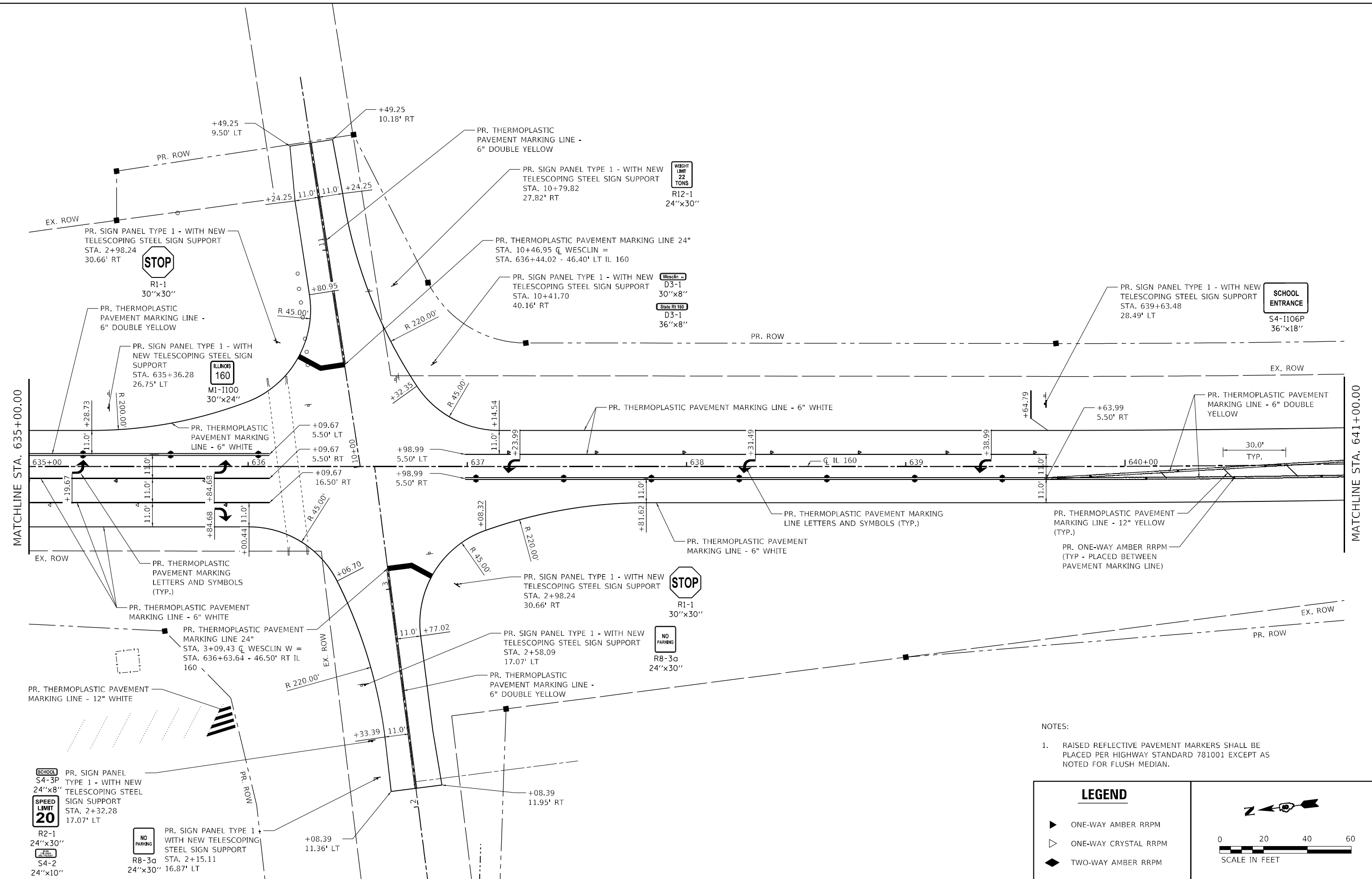
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND SIGNING PLAN

SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. 629+99.65 TO STA. 635+00.00

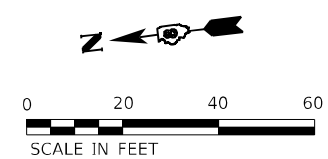
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CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				

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NOTES:
 1. RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED PER HIGHWAY STANDARD 781001 EXCEPT AS NOTED FOR FLUSH MEDIAN.

LEGEND	
	ONE-WAY AMBER RRPM
	ONE-WAY CRYSTAL RRPM
	TWO-WAY AMBER RRPM



TWM
 ENGINEERING
 GEOSPATIAL SERVICES

TWM, INC.
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 IL DESIGN FIRM
 LICENSE NO: 184-001220

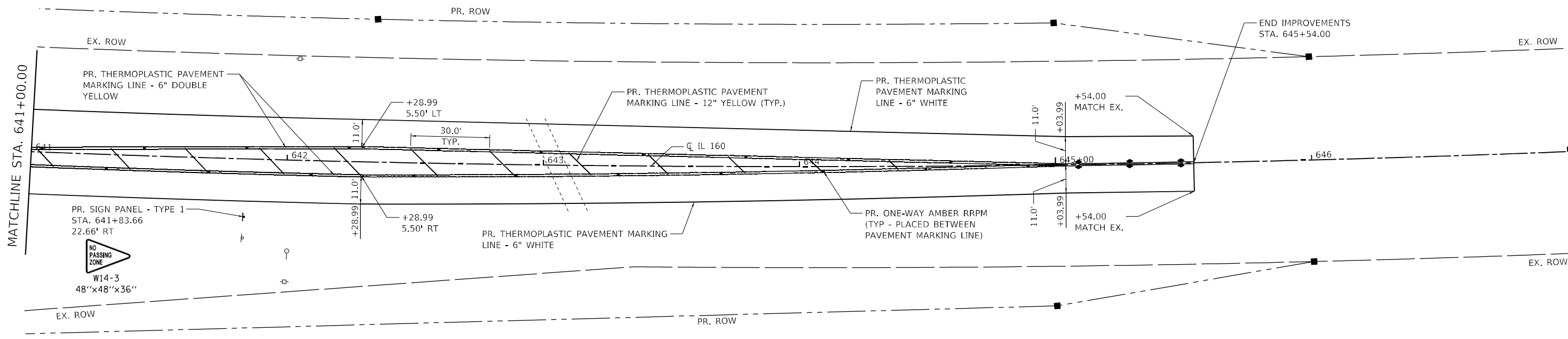
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND SIGNING PLAN

SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. 635+00.00 TO STA. 641+00.00

F.A.P. RTE. 690	SECTION 481W-1	COUNTY CLINTON	TOTAL SHEETS 100	SHEET NO. 51
CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				



- NOTES:
1. RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED PER HIGHWAY STANDARD 781001 EXCEPT AS NOTED FOR FLUSH MEDIAN.

LEGEND	
	ONE-WAY AMBER RRPM
	ONE-WAY CRYSTAL RRPM
	TWO-WAY AMBER RRPM

SCALE IN FEET

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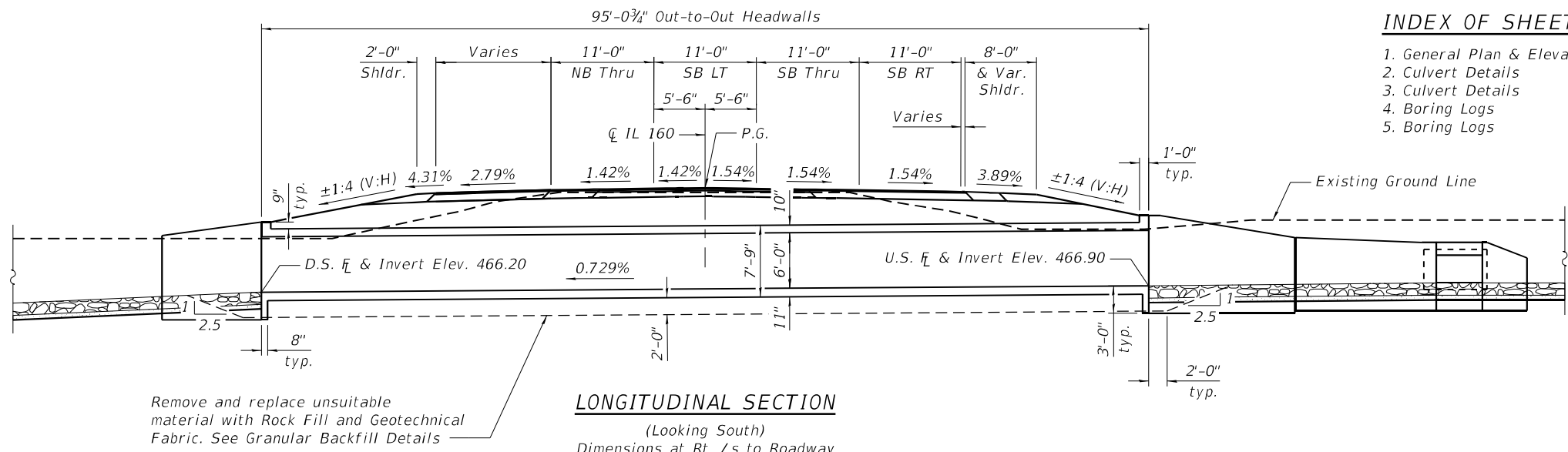
TWM, INC.
 www.twm-inc.com
 IL DESIGN FIRM
 LICENSE NO: 184-001220

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PLOT DATE = 11/16/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING PLAN
 SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. 641+00.00 TO STA. 645+54.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	52
CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				

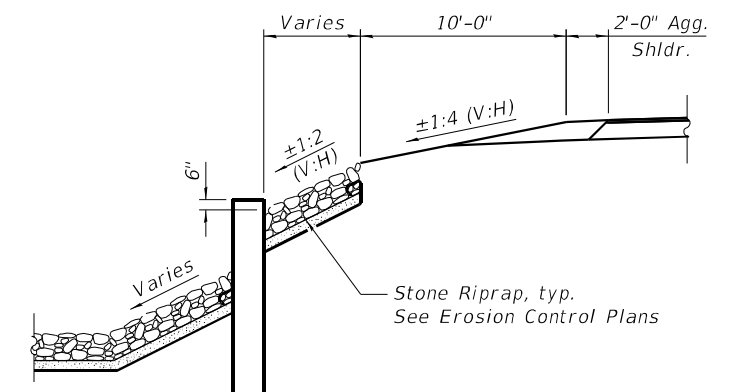


INDEX OF SHEETS

1. General Plan & Elevation
2. Culvert Details
3. Culvert Details
4. Boring Logs
5. Boring Logs

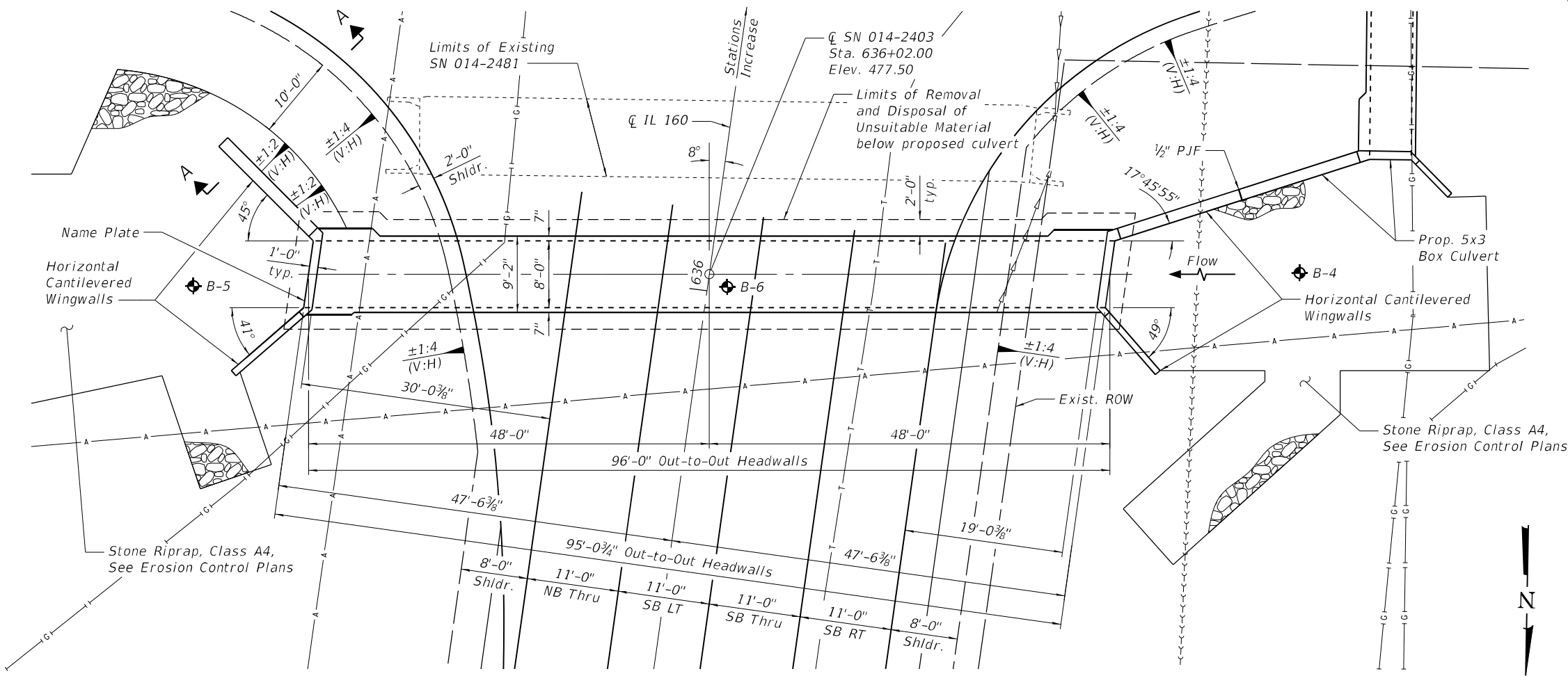
TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Removal and Disposal of Unsuitable Material for Structures	Cu. Yd.	141
Geotechnical Fabric for Ground Stabilization	Sq. Yd.	294
Reinforcement Bars	Pound	19,610
Concrete Box Culverts	Cu. Yd.	108.0
Rock Fill - Foundation	Ton	284



GENERAL NOTES:

1. Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.
2. A distance of half the length of the wingwall but not less than six feet of the barrel shall be poured monolithically with the wingwalls.
3. The limits and quantities of removal and replacement recommended are based on boring data and may be modified by the Geotechnical and Field Engineers for variable surface conditions encountered in the field during construction. The minimum Unconfined Compressive Strength of the layer below the removal limit shall be 1.0 tsf.
4. Precast alternate is not allowed.
5. The structure will be replaced under road closure.



Signed: 10/10/2024
Expires: 11/30/2026

GENERAL PLAN & ELEVATION
ILLINOIS ROUTE 160 OVER DRAINAGE DITCH
F.A.P. 690 - SEC. 481W-1
CLINTON COUNTY
STA. 636+02.00
STRUCTURE NO. 014-2403

WATERWAY INFORMATION

Drainage Area = 0.06 Sq. Mi.			
Flood	Freq. Yr.	Q C.F.S.	Headwater El.
Design	50	208	471.32
Base	100	247	-

DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications, 9th Edition

DESIGN STRESSES

FIELD UNITS
f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)

LOADING HL-93

Allow 50#/sq. ft. for future wearing surface.

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IL DESIGN FIRM LICENSE NO: 184-001220

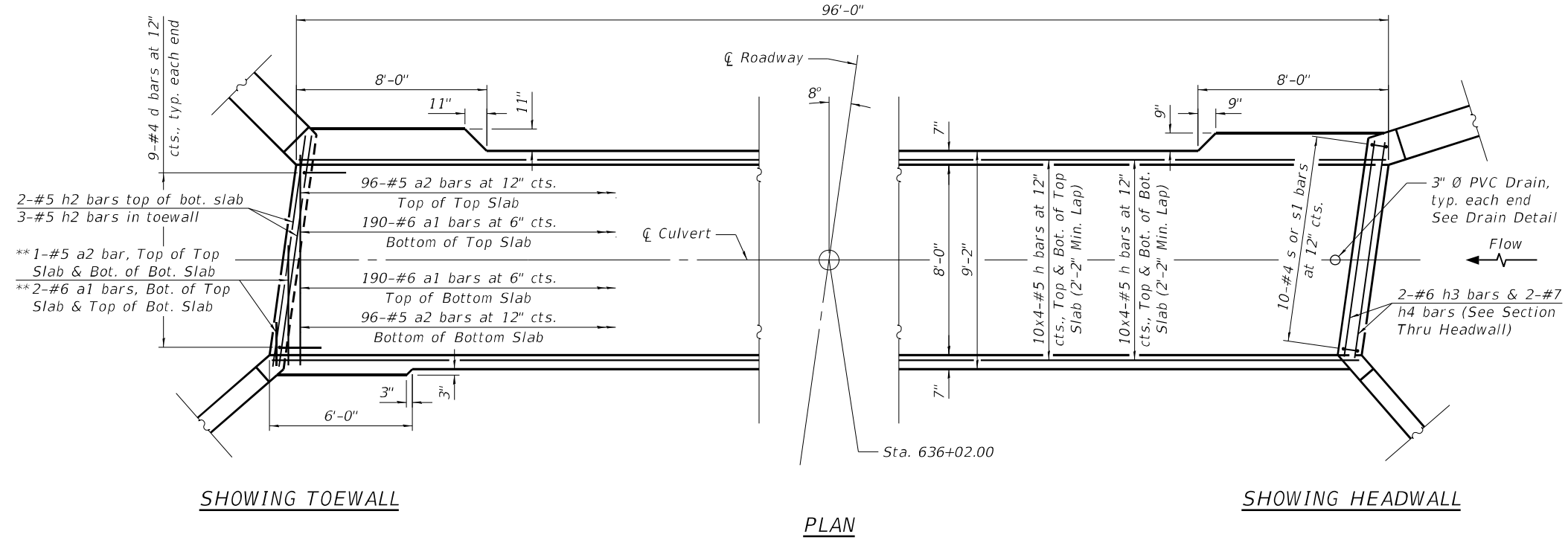
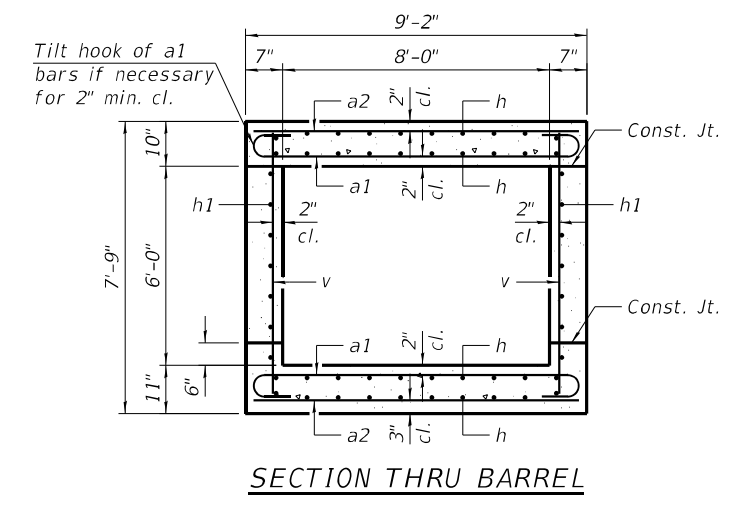
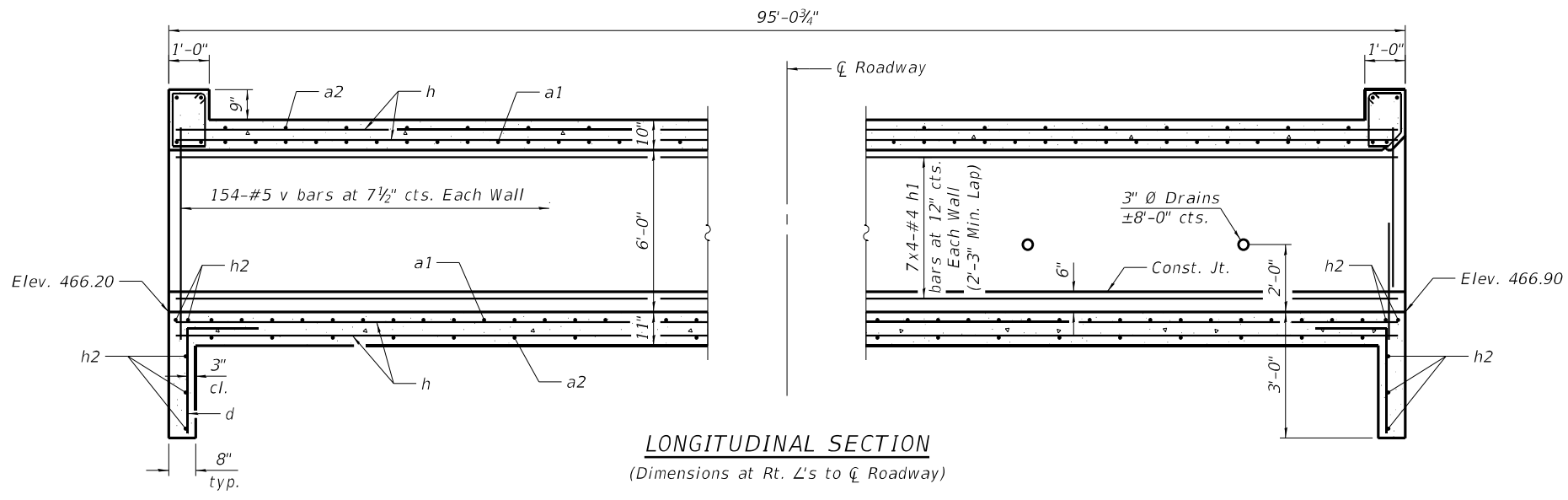
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN & ELEVATION
STRUCTURE NO. 014-2403

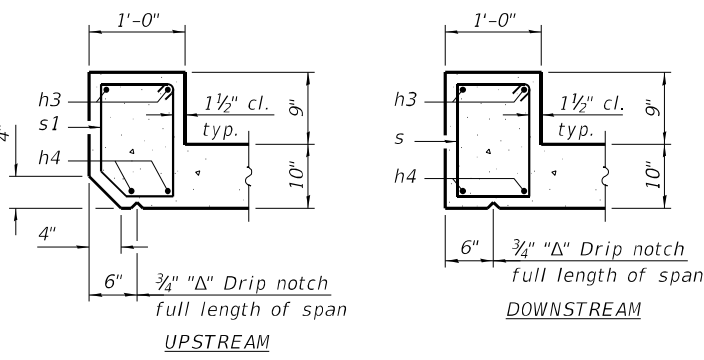
SHEET 1 OF 5 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	53
CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				



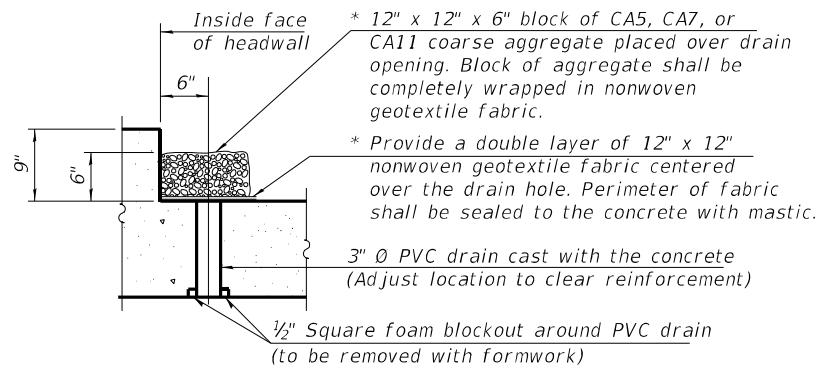
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a1	384	#6	10'-2"	
a2	194	#5	8'-10"	
d	18	#4	4'-5"	
h	160	#5	25'-7"	
h1	56	#4	25'-8"	
h2	10	#5	9'-4"	
h3	4	#6	8'-10"	
h4	4	#7	8'-10"	
h5	14	#7	11'-1"	
h6	14	#7	19'-11"	
h7	6	#7	18'-5"	
h8	20	#6	9'-1"	
h9	21	#6	14'-10"	
h10	19	#6	8'-0"	
h11	19	#6	13'-1"	
h12	16	#7	13'-2"	
h13	15	#7	21'-11"	
h14	7	#7	18'-9"	
s	10	#4	4'-11"	
s1	10	#4	4'-9"	
v	320	#5	7'-4"	
v1	16	#4	10'-2"	
Concrete Box Culverts			Cu. Yd.	108.0
Reinforcement Bars			Pound	19,610



** Cut to fit. Balance of bar to be used in opposite end of culvert.

* Nonwoven geotextile fabric shall conform to the requirements of Article 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.



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

Notes:
Bars indicated thus 10 x 4-#5 etc. indicates 10 lines of bars with 4 lengths per line.
See sheet 3 of 5 for wingwall and bar details.

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184-001220

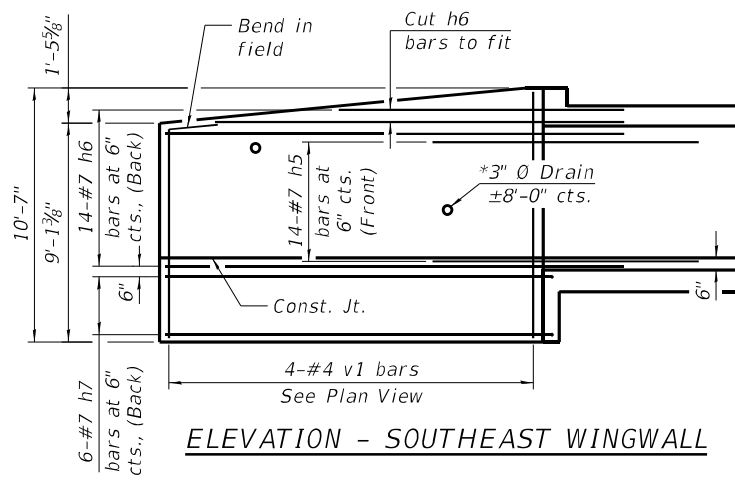
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

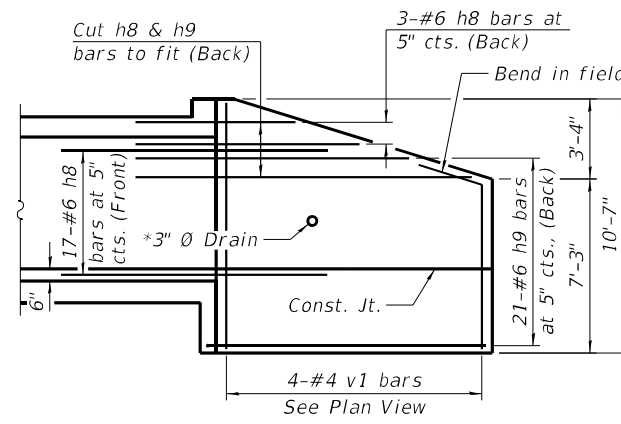
**CULVERT DETAILS
STRUCTURE NO. 014-2403**

SHEET 2 OF 5 SHEETS

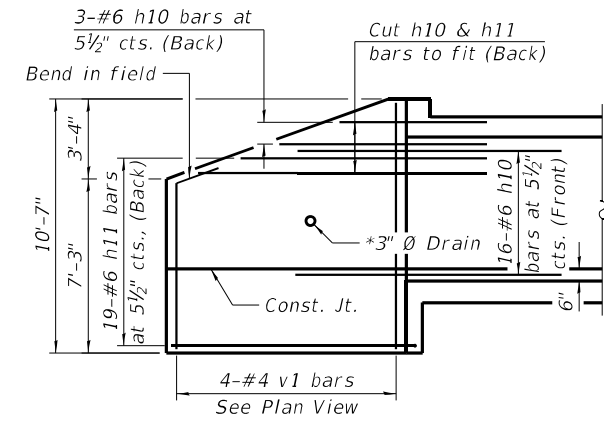
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690	481W-1	CLINTON	100	54
CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				



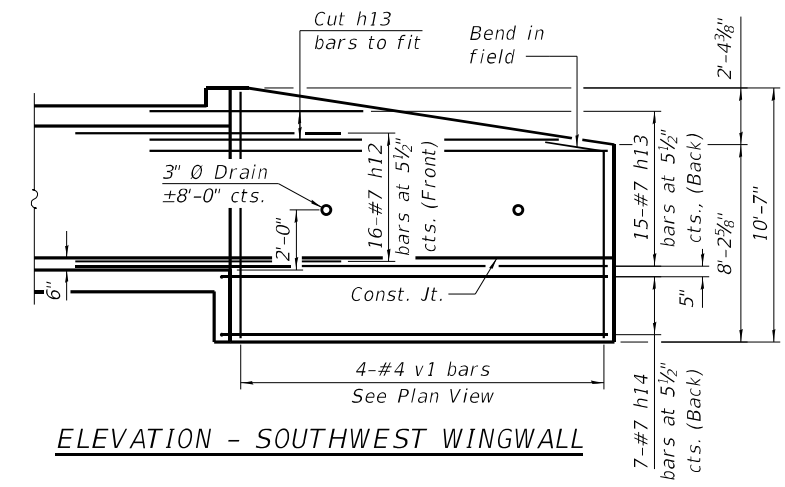
ELEVATION - SOUTHEAST WINGWALL



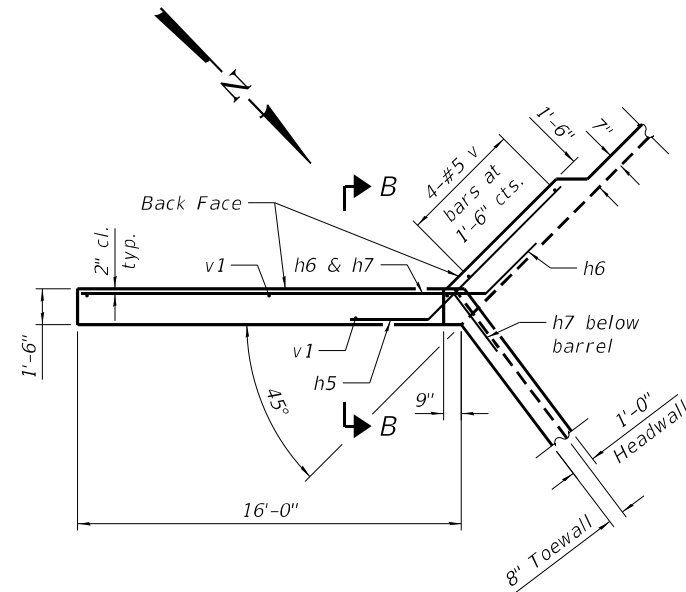
ELEVATION - NORTHEAST WINGWALL



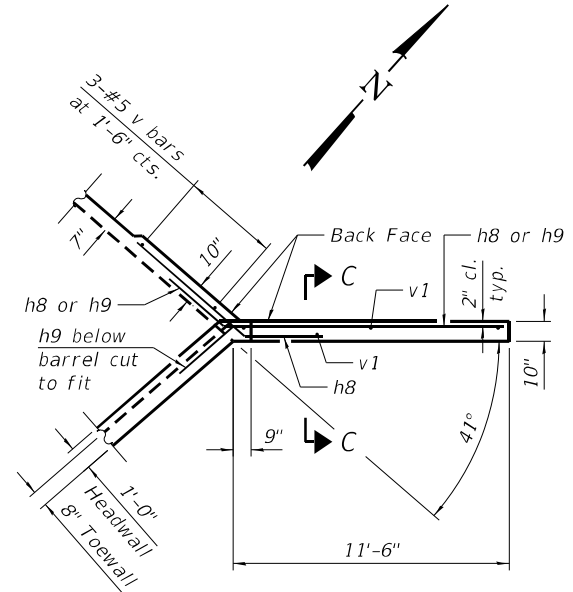
ELEVATION - NORTHWEST WINGWALL



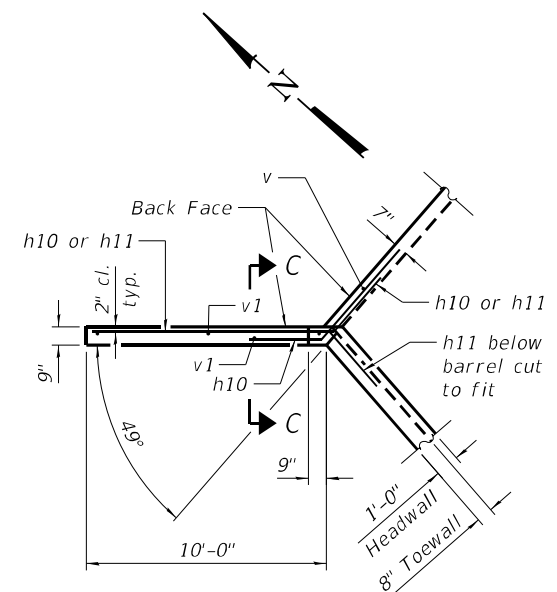
ELEVATION - SOUTHWEST WINGWALL



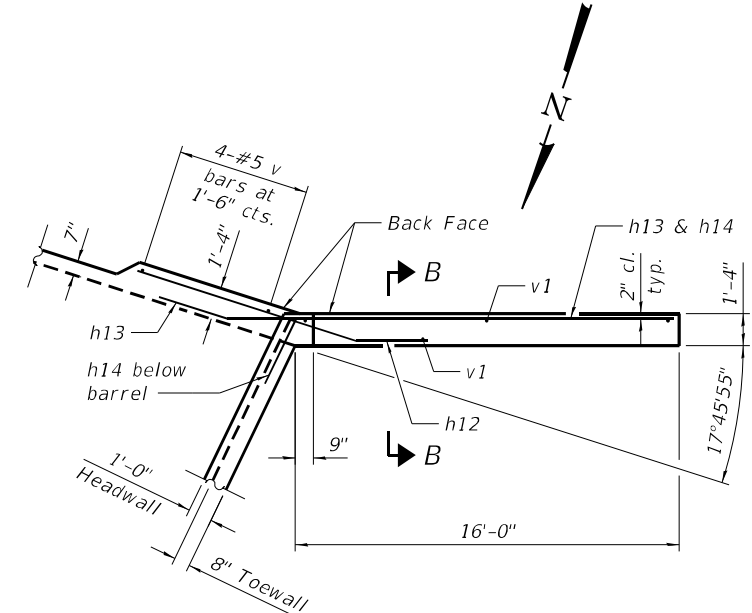
PLAN - SOUTHEAST WINGWALL



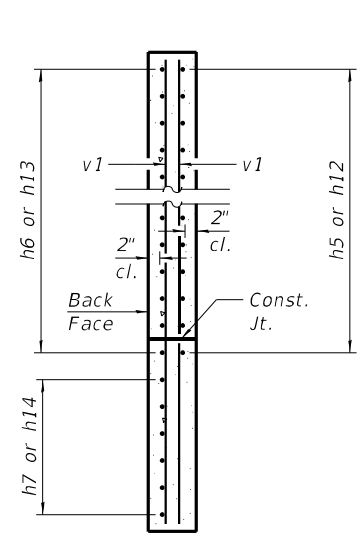
PLAN - NORTHEAST WINGWALL



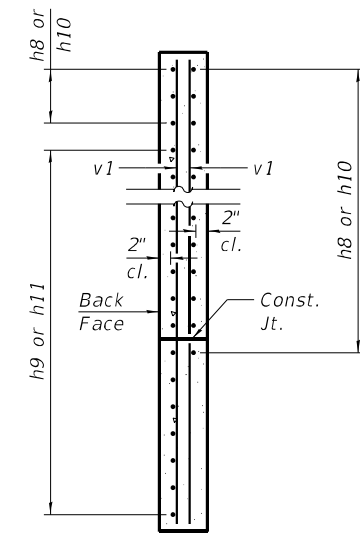
PLAN - NORTHWEST WINGWALL



PLAN - SOUTHWEST WINGWALL

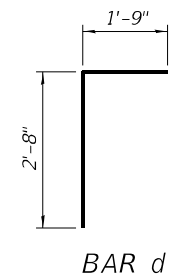


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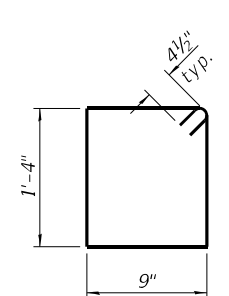


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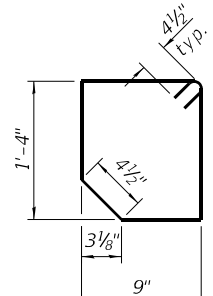
* Drains to be placed ±6" above finished ground in front of wingwall.



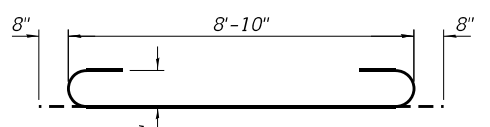
BAR d



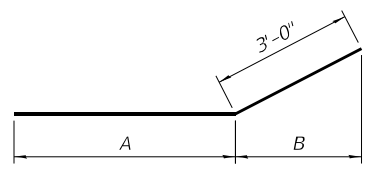
BAR s



BAR s1



BAR a1



BARS h5-h14

Bar	A	B
h5	8'-1"	2'-1 1/2"
h6	16'-11"	2'-1 1/2"
h7	15'-5"	1'-9 3/8"
h8	6'-1"	2'-3 1/8"
h9	11'-10"	2'-3 1/8"
h10	5'-0"	1'-11 3/8"
h11	10'-1"	1'-11 3/8"
h12	10'-2"	2'-10 1/4"
h13	18'-11"	2'-10 1/4"
h14	15'-9"	1'-3 3/8"

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CULVERT DETAILS
 STRUCTURE NO. 014-2403

SHEET 3 OF 5 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	55
CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				



SOIL BORING LOG

ROUTE FAP 690 (IL 160) DESCRIPTION IL 160 at Wesclin High School LOGGED BY KEG

SECTION 481W-1 LOCATION SEC. TWP. RNG. PM

COUNTY Clinton DRILLING METHOD HSA HAMMER TYPE Auto

STRUCT. NO. _____
Station _____
BORING NO. B-6
Station 636+02
Offset 0.00ft
Ground Surface Elev. 477.131 ft

D E P T H S T H	B L O W S	U C S Qu	M O I S T T	Surface Water Elev. _____ n/a ft	D E P T H S T H	B L O W S	U C S Qu	M O I S T T
(ft)	(/6")	(tsf)	(%)	Stream Bed Elev. _____ ft	(ft)	(/6")	(tsf)	(%)

6.2" Asphalt	476.6			Gray, soft, Clay (continued)	456.6				
Dark brown, soft to med stiff, Silty Clay		1		Gray, soft, Silty Clay Loam		2			
		2	0.7		26		1	0.44	19
		3	B						
				End of Boring	455.1				
becomes med stiff and Brown & Gray	473.6								
		1							
		2	0.87	25					
		4	B						
becomes soft									
		1							
		2	0.7	28					
		3	B						
		2							
		2	0.39	24					
		2	B						
		1							
		2	0.83	25					
		2	B						
		1							
		2	0.57	25					
		1	B						
Gray, soft, Clay	458.6								
		1							
		1	B						

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)

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS
STRUCTURE NO. 014-2403

SHEET 5 OF 5 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	57
CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Removal and Disposal of Unsuitable Material for Structures	Cu. Yd.	92
Geotechnical Fabric for Ground Stabilization	Sq. Yd.	203
Reinforcement Bars	Pound	6,280
Concrete Box Culverts	Cu. Yd.	42.2
Rock Fill - Foundation	Ton	185

INDEX OF SHEETS

1. General Plan & Elevation
2. Culvert Details
3. Culvert Details
4. Boring Logs
5. Boring Logs

DESIGN STRESSES

FIELD UNITS
 f'c = 3,500 psi
 fy = 60,000 psi (Reinforcement)

WATERWAY INFORMATION

Drainage Area = 0.08 Sq. Mi.

Flood Yr.	Freq. C.F.S.	Q	Headwater El.
Design	50	112	472.47
Base	100	133	-

DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications, 9th Edition

LOADING HL-93

Allow 50#/sq. ft. for future wearing surface.

GENERAL NOTES:

1. Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.
2. A distance of half the length of the wingwall but not less than six feet of the barrel shall be poured monolithically with the wingwalls.
3. The limits and quantities of removal and replacement recommended are based on boring data and may be modified by the Geotechnical and Field Engineers for variable surface conditions encountered in the field during construction. The minimum Unconfined Compressive Strength of the layer below the removal limit shall be 1.0 tsf.
4. Precast alternate is not allowed.
5. The structure will be replaced under road closure.



Signed: 10/10/2024
 Expires: 11/30/2026

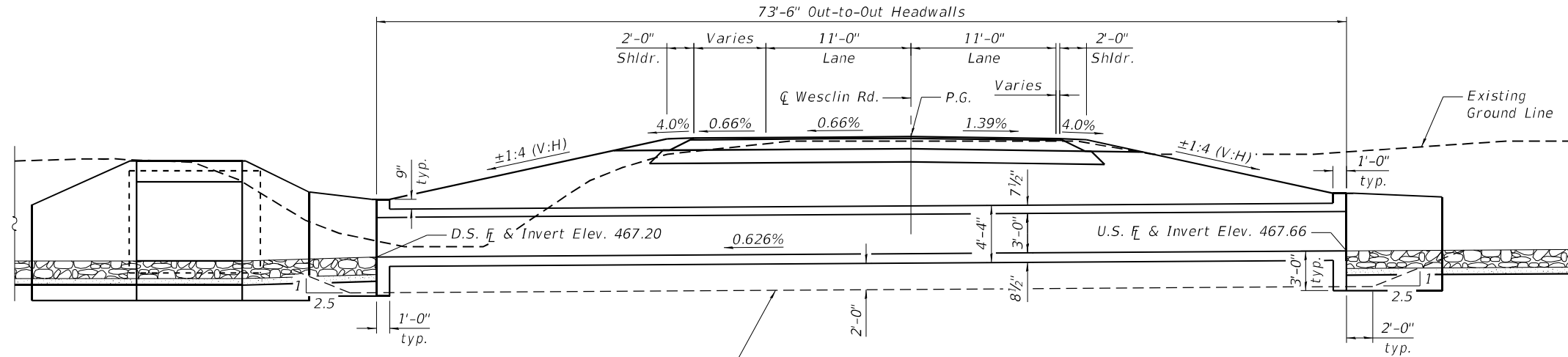
**GENERAL PLAN & ELEVATION
 WESCLIN ROAD OVER DRAINAGE DITCH**

F.A.P. 690 - SEC. 481W-1

CLINTON COUNTY

STA. 2+82.00

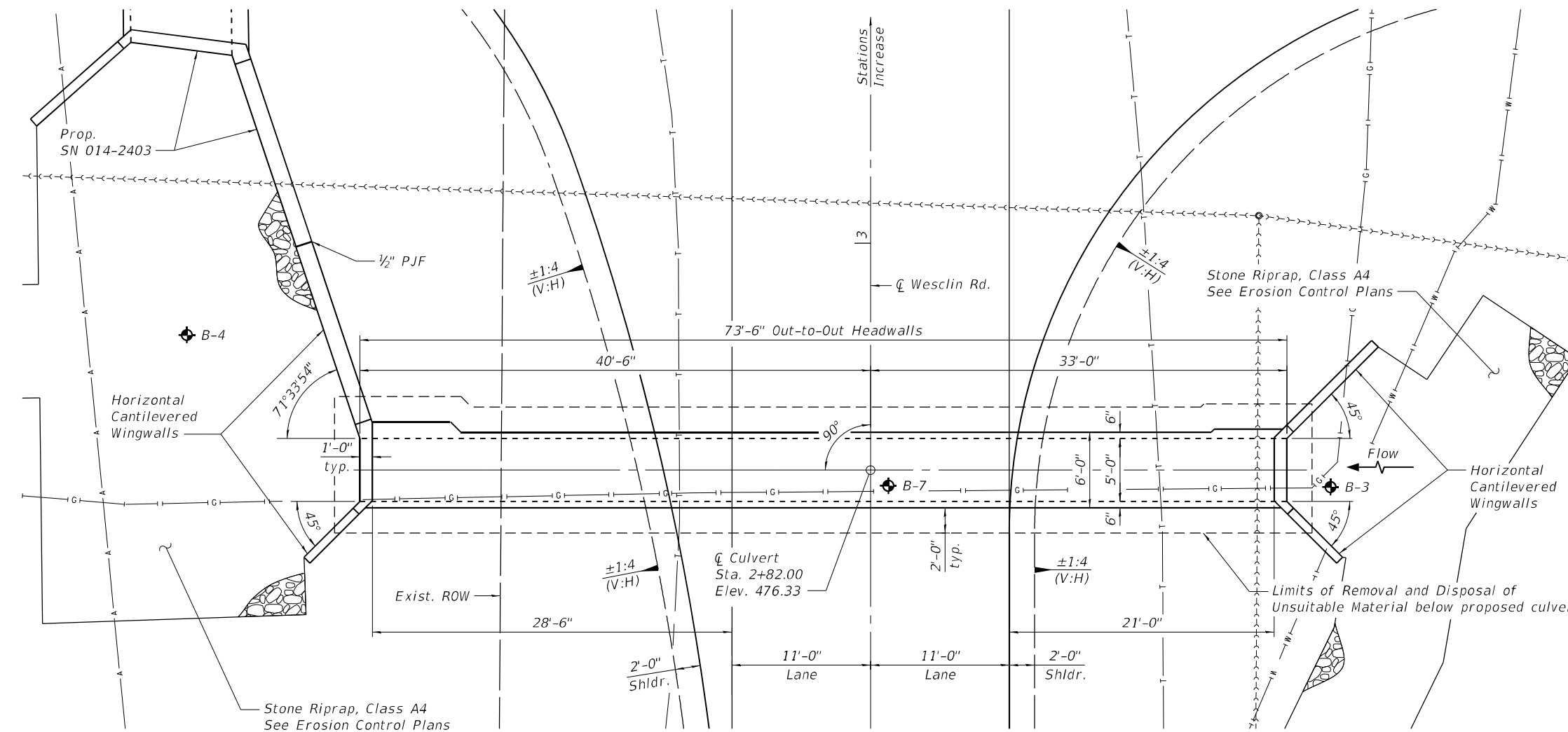
5x3 BOX CULVERT



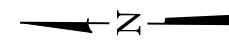
Remove and replace unsuitable material with Rock Fill and Geotechnical Fabric. See Granular Backfill Details

LONGITUDINAL SECTION

(Looking East)
 Dimensions at Rt. Ls to Roadway



PLAN



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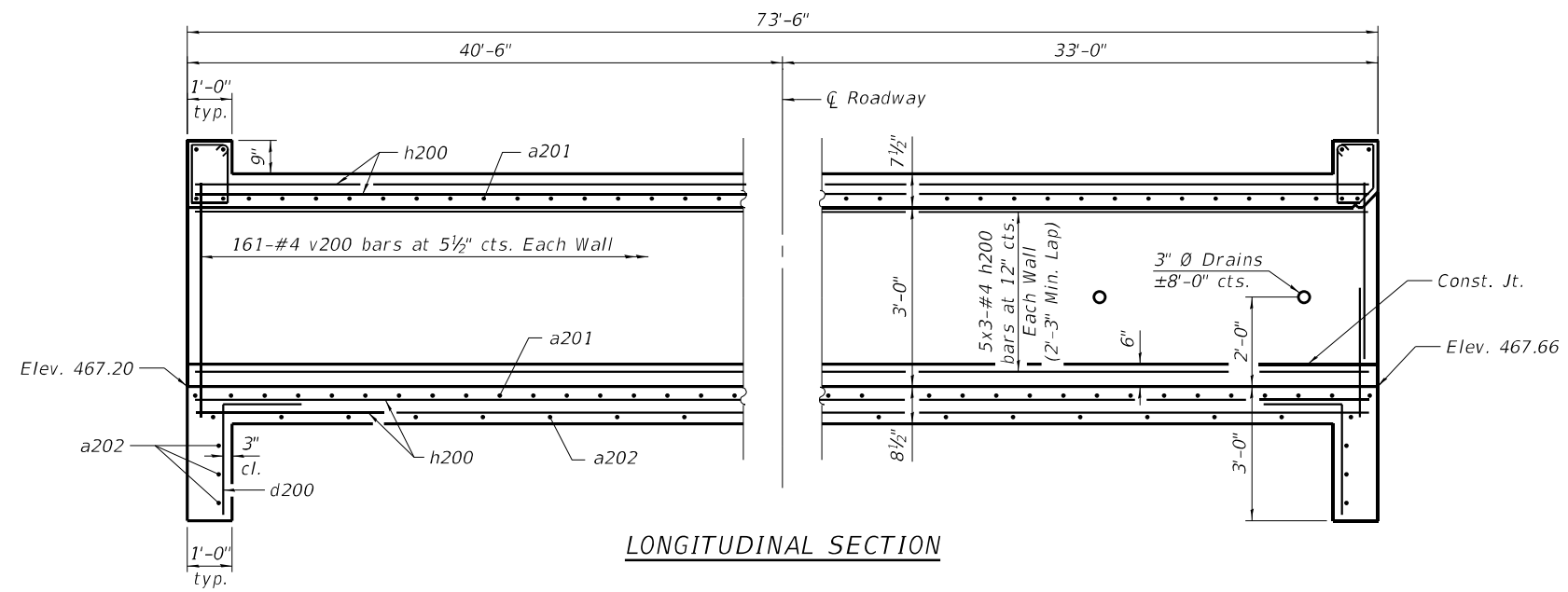
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

GENERAL PLAN & ELEVATION
 5X3 BOX CULVERT

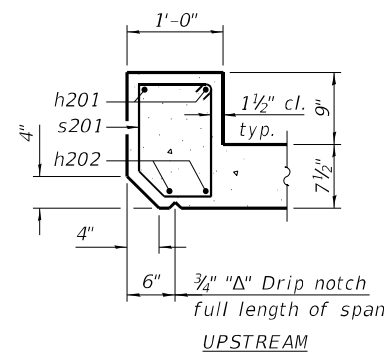
SHEET 1 OF 5 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				

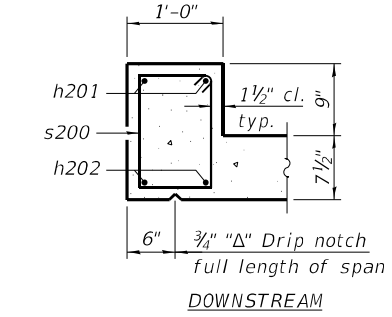
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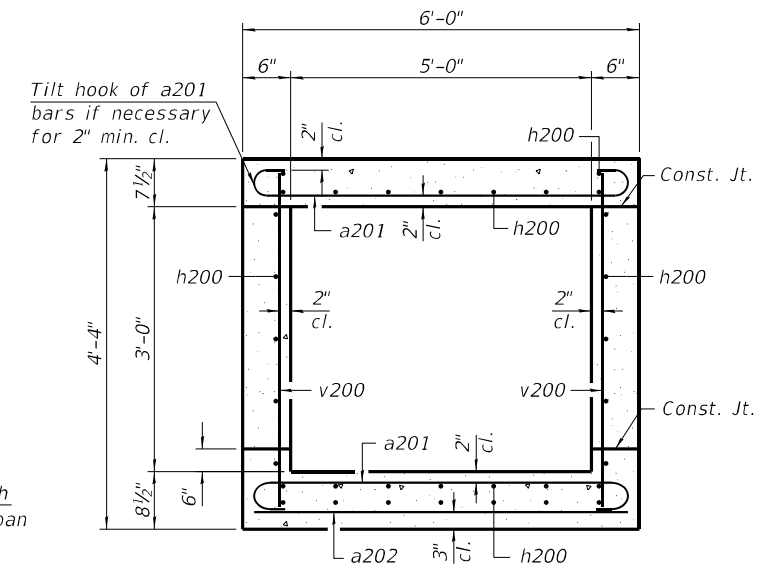
LONGITUDINAL SECTION



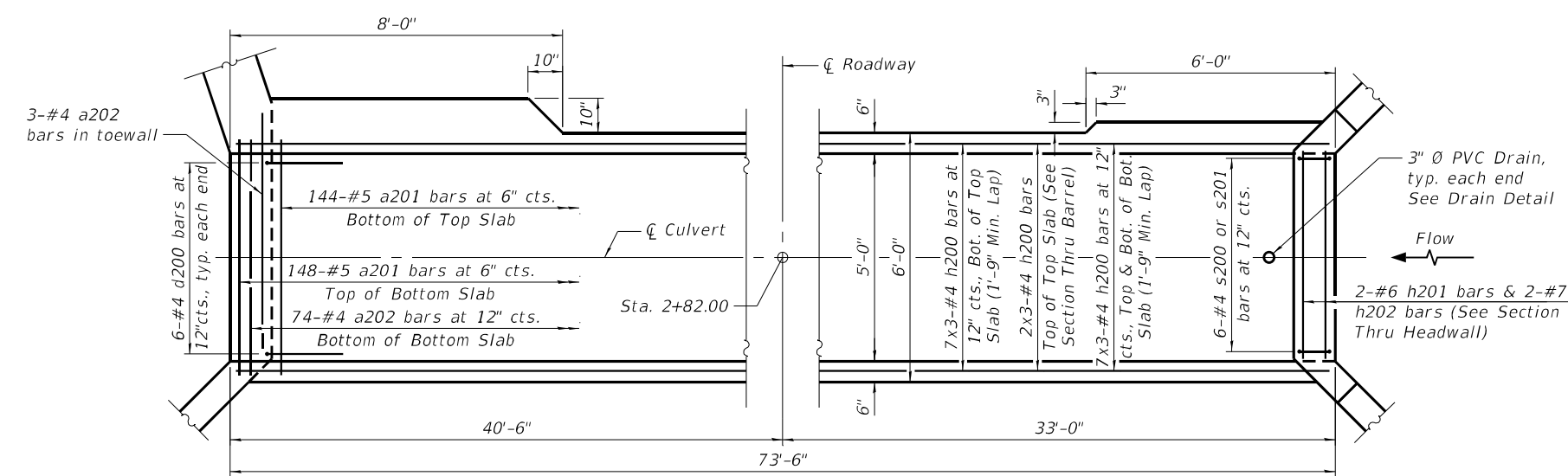
SECTION THRU HEADWALL UPSTREAM



SECTION THRU HEADWALL DOWNSTREAM



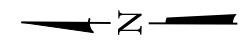
SECTION THRU BARREL



PLAN

SHOWING TOEWALL

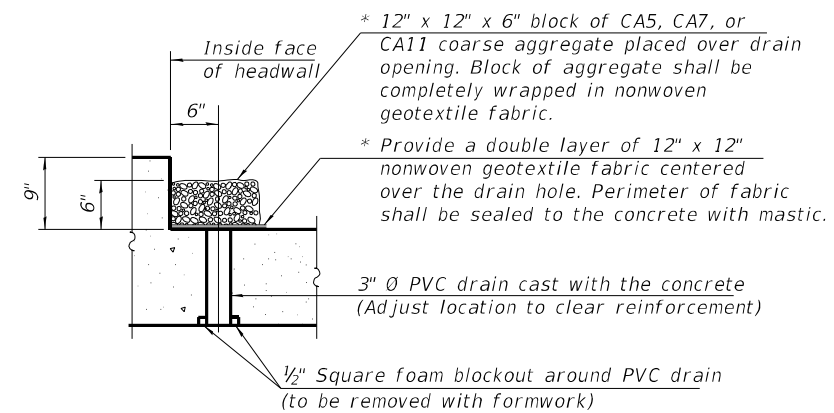
SHOWING HEADWALL



BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a201	292	#5	6'-10"	U
a202	80	#4	5'-8"	U
d200	12	#4	4'-5"	L
h200	99	#4	25'-11"	—
h201	4	#6	5'-0"	—
h202	4	#7	5'-0"	—
h203	8	#6	10'-4"	—
h204	8	#6	19'-0"	—
h205	9	#6	17'-11"	—
h206	12	#4	8'-0"	—
h207	16	#4	9'-4"	—
h208	7	#6	9'-0"	—
h209	12	#6	13'-5"	—
s200	6	#4	4'-6"	□
s201	6	#4	4'-4"	□
v200	329	#4	3'-11"	—
v201	4	#4	7'-6"	—
v202	12	#4	7'-0"	—
Concrete Box Culverts		Cu. Yd.	42.2	
Reinforcement Bars		Pound	6,280	

* Nonwoven geotextile fabric shall conform to the requirements of Article 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.



DRAIN DETAIL

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

Notes:
 Bars indicated thus 7 x 3-#4 etc. indicates 7 lines of bars with 3 lengths per line.
 See sheet 3 of 5 for wingwall and bar details.



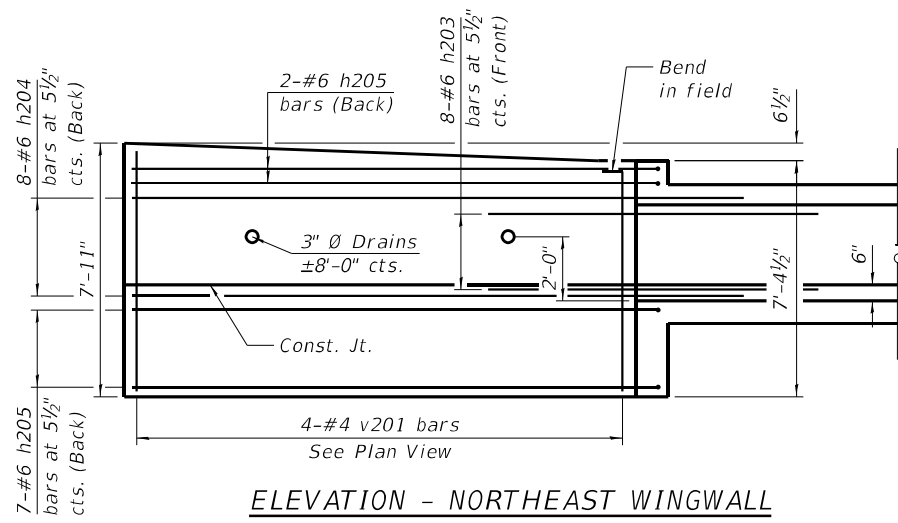
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

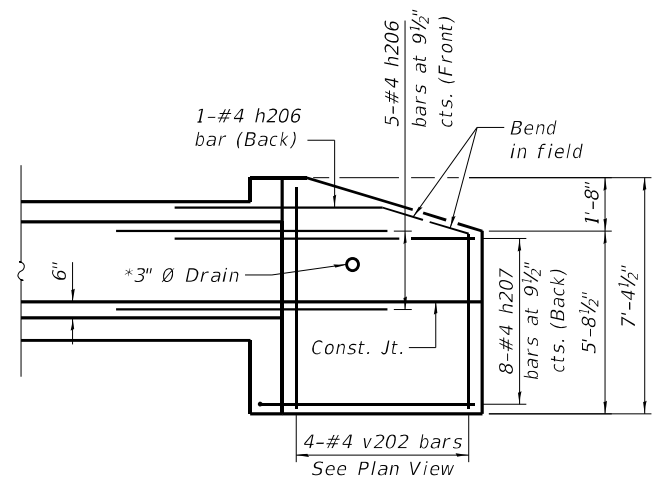
**CULVERT DETAILS
 5X3 BOX CULVERT**

SHEET 2 OF 5 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	59
CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				

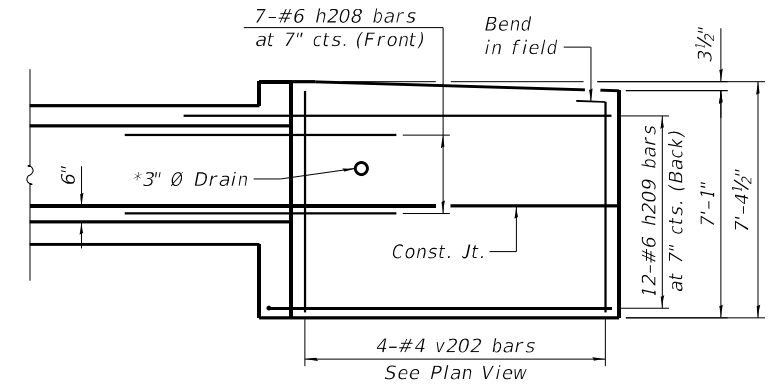


ELEVATION - NORTHEAST WINGWALL

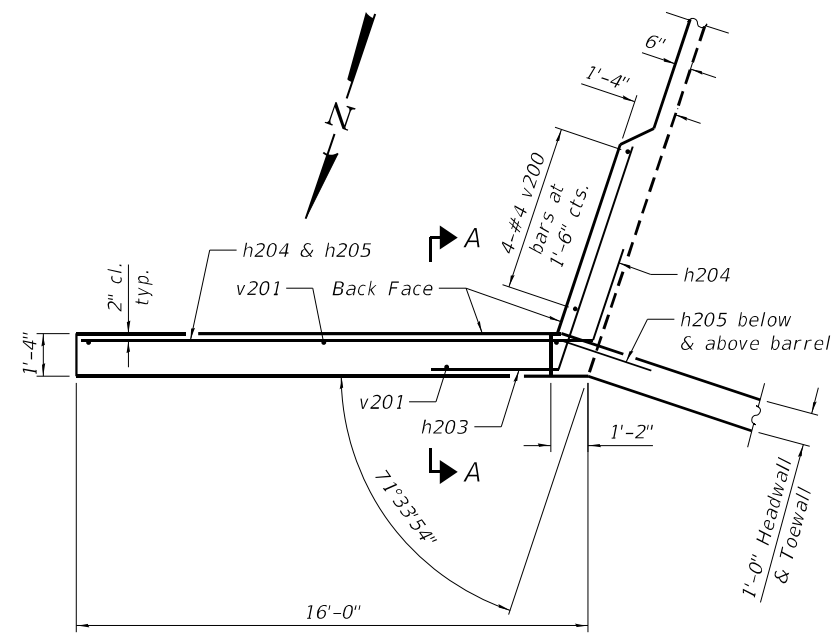


ELEVATION - NORTHWEST WINGWALL

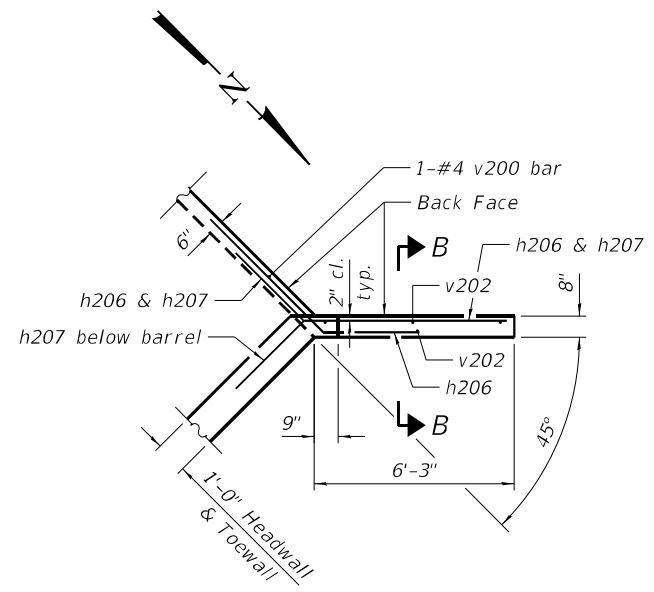
(Southwest wingwall similar by mirror image)



ELEVATION - SOUTHEAST WINGWALL

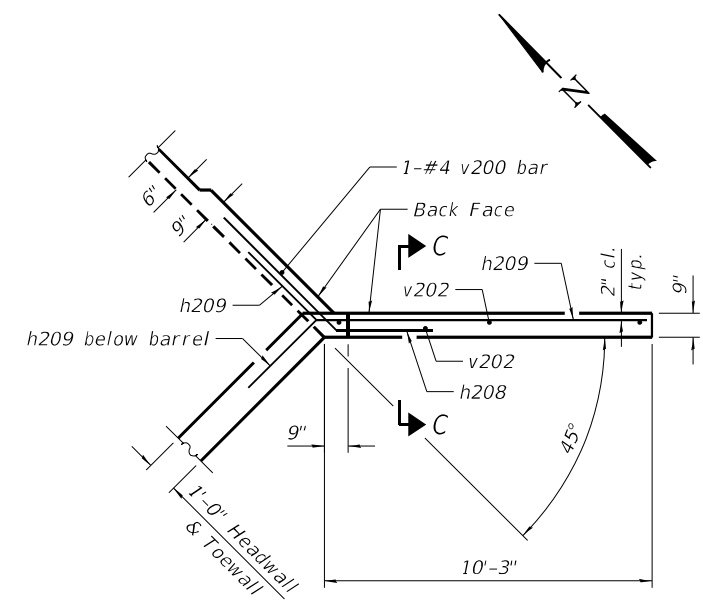


PLAN - NORTHEAST WINGWALL

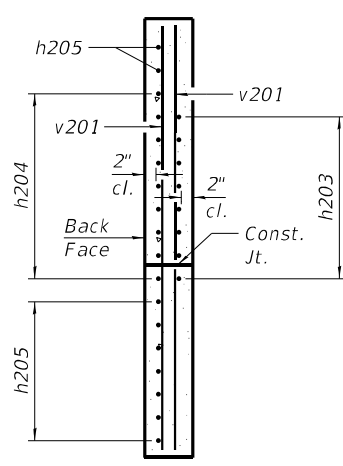


PLAN - NORTHWEST WINGWALL

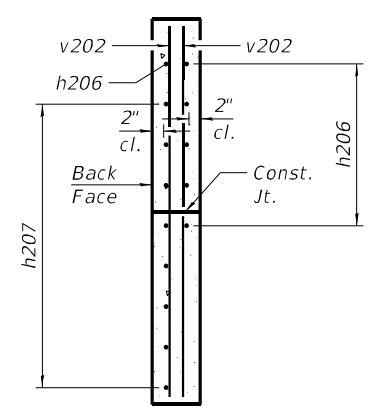
(Southwest wingwall similar by mirror image)



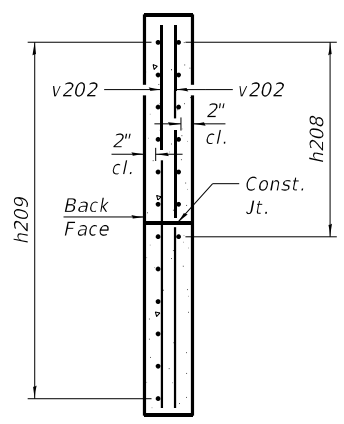
PLAN - SOUTHEAST WINGWALL



SECTION A-A

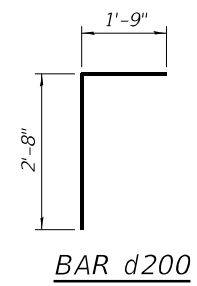


SECTION B-B

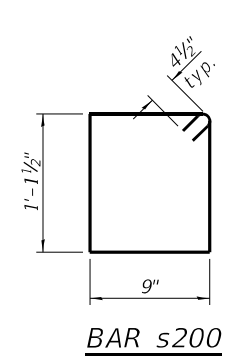


SECTION C-C

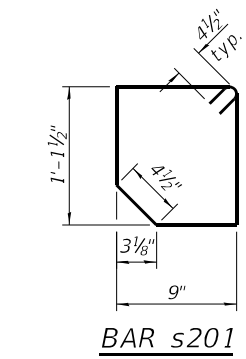
* Drains to be placed ±6" above finished ground in front of wingwalls



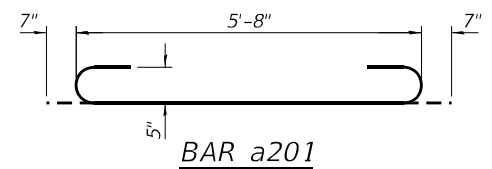
BAR d200



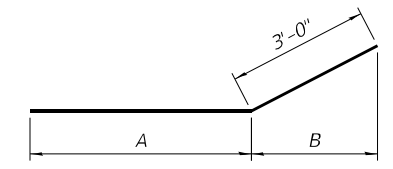
BAR s200



BAR s201



BAR a201



BARS h203-h209

Bar	A	B
h203	7'-4"	11 3/8"
h204	16'-0"	11 3/8"
h205	14'-11"	2'-10 1/8"
h206	5'-0"	2'-1 1/2"
h207	6'-4"	2'-1 1/2"
h208	6'-0"	2'-1 1/2"
h209	10'-5"	2'-1 1/2"

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CULVERT DETAILS
5X3 BOX CULVERT**

SHEET 3 OF 5 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	60
CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				

SOIL BORING LOG

ROUTE FAP 690 (IL 160) DESCRIPTION IL 160 at Wesclin High School LOGGED BY KEG

SECTION 481W-1 LOCATION SEC. TWP. RNG. PM

COUNTY Clinton DRILLING METHOD HSA HAMMER TYPE Auto

STRUCT. NO. _____
Station _____

BORING NO. B-3
Station 2+81
Offset 36.00ft West
Ground Surface Elev. 472.519 ft

DEPTH (ft) BLOW (6") UCS (tsf) MOIST (%)

DEPTH (ft)	BLOW (6")	UCS (tsf)	MOIST (%)	Notes
0				Surface Water Elev. <u>n/a</u> ft Stream Bed Elev. _____ ft
0				Groundwater Elev.: First Encounter <u>n/a</u> ft Upon Completion _____ ft After _____ Hrs. <u>n/a</u> ft
0				Brown, soft, Silty Clay
2				
1	1.75	23		
2	P			
469.0				
0				Gray, soft, Clay
1	0.65	24		
2	B			
466.5				becomes soft to med stiff
1	0.26	26		
2	B			
464.0				
	WH			
0				Brown & Gray, med stiff Silty Clay
1	0.61	26		
2	B			
1	0.44	26		
4	B			
461.0				End of Boring
-15				
-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)

SOIL BORING LOG

ROUTE FAP 690 (IL 160) DESCRIPTION IL 160 at Wesclin High School LOGGED BY KEG

SECTION 481W-1 LOCATION SEC. TWP. RNG. PM

COUNTY Clinton DRILLING METHOD HSA HAMMER TYPE Auto

STRUCT. NO. _____
Station _____

BORING NO. B-4
Station 636+12
Offset 70.00ft West
Ground Surface Elev. 474.873 ft

DEPTH (ft) BLOW (6") UCS (tsf) MOIST (%)

DEPTH (ft)	BLOW (6")	UCS (tsf)	MOIST (%)	Notes
0				Surface Water Elev. <u>n/a</u> ft Stream Bed Elev. _____ ft
0				Groundwater Elev.: First Encounter <u>456.4</u> ft Upon Completion _____ ft After _____ Hrs. <u>n/a</u> ft
0				Light Brown & Gray, med stiff, Silt
3				
6	4	18		
6	P			
452.9				
471.4				End of Boring
0				Light Brown & Gray, soft to med stiff, Silty Clay
1	0.44	26		
2	B			
468.4				becomes gray
1	0.39	25		
2	B			
466.9				becomes brown & gray
	WH			
2	0.52	24		
2	B			
461.4				
	WH			
2	0.61	26		
2	B			
456.4				Hit water
	WH	0.39	18	
2	B			Gray, soft to med stiff Silty Clay w/
454.9				
-20				
-40				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS
5X3 BOX CULVERT

SHEET 4 OF 5 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	61
CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				



SOIL BORING LOG

ROUTE FAP 690 (IL 160) DESCRIPTION IL 160 at Wesclin High School LOGGED BY KEG

SECTION 481W-1 LOCATION SEC. , TWP. , RNG. , PM

COUNTY Clinton DRILLING METHOD HSA HAMMER TYPE Auto

STRUCT. NO. _____	D E P T H H	B L O W S S	U C S Qu	M O I S T T	Surface Water Elev. _____	n/a	ft
Station _____					Stream Bed Elev. _____		ft
BORING NO. <u>B-7</u>					Groundwater Elev.:		
Station <u>2+81</u>					First Encounter _____	n/a	ft
Offset <u>0.00ft</u>					Upon Completion _____		ft
Ground Surface Elev. <u>476.744</u>				After _____ Hrs.	n/a	ft	

Soil Description	Elev. (ft)	Depth (ft)	Blow Count (tsf)	Moisture (%)	Remarks
6" Asphalt	476.2				
Gray & Brown, soft, Silt w/ asphalt fragments		1			
		3	1.75	17	
		2	P		
Light Brown & Gray, soft to med stiff Silty Clay		1			
		3	2.4	24	
		5	B		
becomes gray		1			
		1	1.05	26	
		3	B		
Light Gray, soft, Clay		1	0.44	25	
		2	B		
		3	0.52	25	
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)
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS
5X3 BOX CULVERT

SHEET 5 OF 5 SHEETS

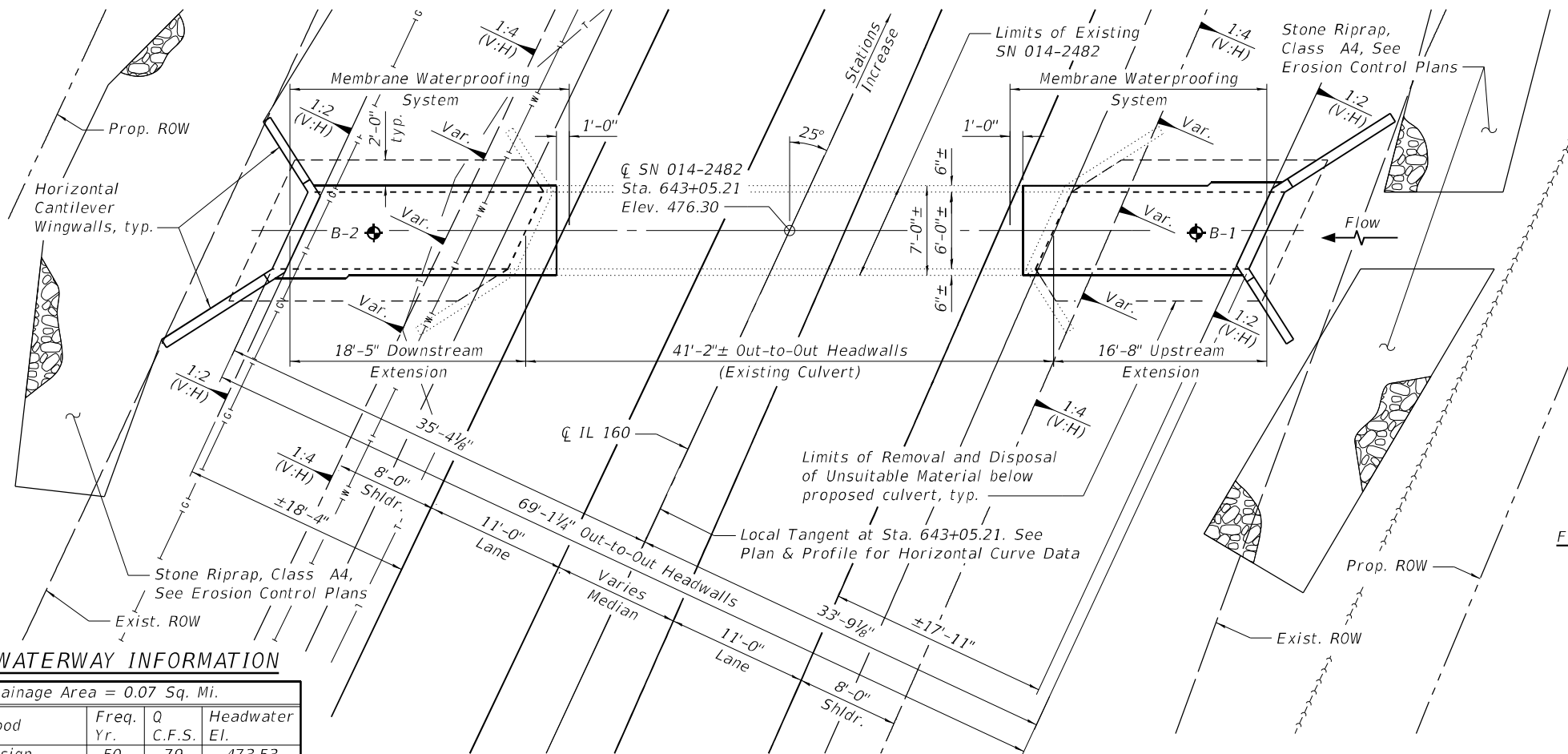
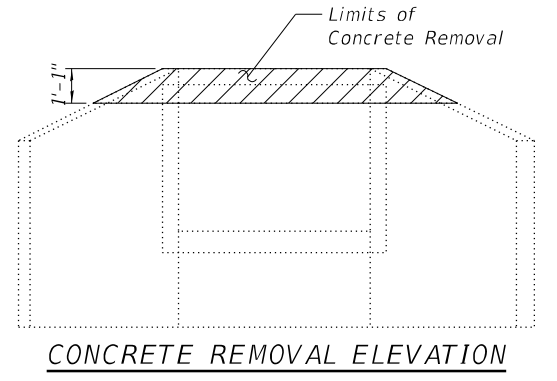
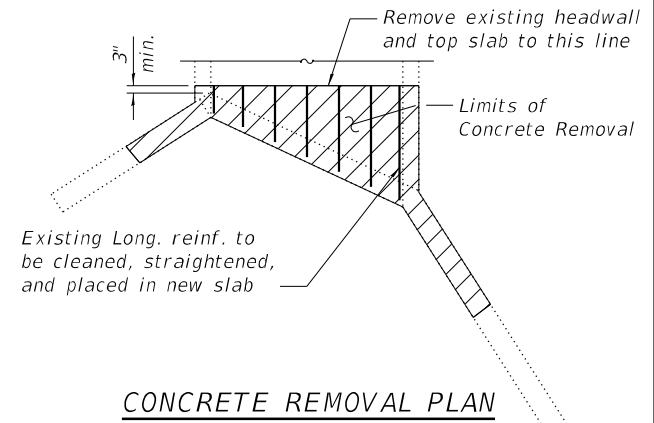
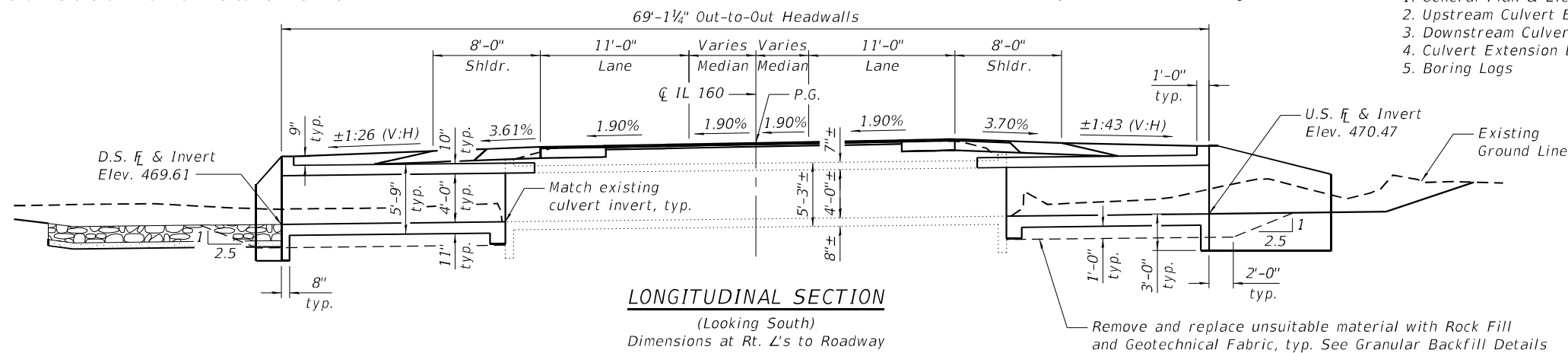
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690	481W-1	CLINTON	100	62
CONTRACT NO. 76N47				
ILLINOIS		FED. AID PROJECT		

Existing Structure: S.N. 014-2482 was built in 1950 as F.A. Route 156 in Section 481. The existing structure is a single-cell reinforced concrete box culvert with horizontal cantilever wings. The overall length of the culvert is 41'-2" and the overall width of the culvert is 7'-0".

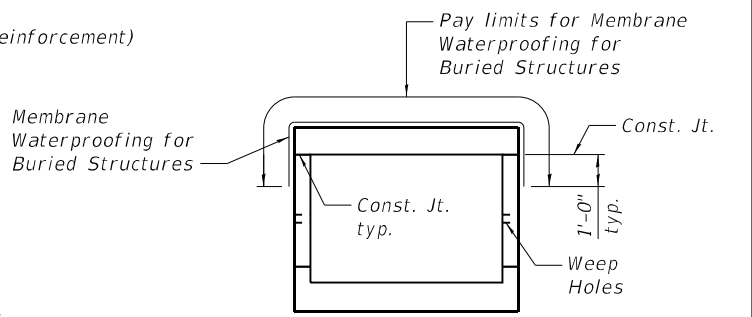
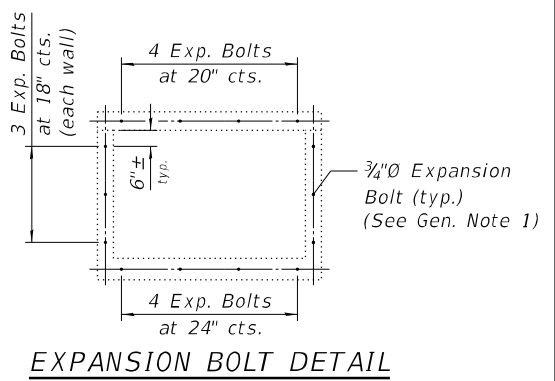
LOADING HL-93
Allow 50#/sq. ft. for future wearing surface.

INDEX OF SHEETS

1. General Plan & Elevation
2. Upstream Culvert Extension Details
3. Downstream Culvert Extension Details
4. Culvert Extension Details
5. Boring Logs



DESIGN STRESSES
FIELD UNITS (NEW CONSTRUCTION)
f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)
FIELD UNITS (EXISTING CONSTRUCTION)
f'c = 3,000 psi
fy = 40,000 psi (Reinforcement)



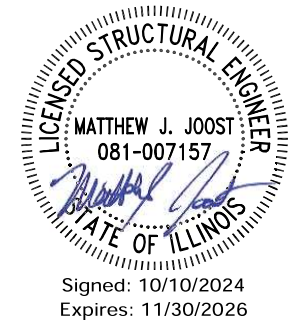
WATERWAY INFORMATION

Drainage Area = 0.07 Sq. Mi.			
Flood	Freq. Yr.	Q C.F.S.	Headwater El.
Design	50	79	473.53
Base	100	93	-

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Removal and Disposal of Unsuitable Material for Structures	Cu. Yd.	21
Geotechnical Fabric for Ground Stabilization	Sq. Yd.	81
Concrete Removal	Cu. Yd.	1.1
Expansion Bolts 3/4 Inch	Each	28
Reinforcement Bars	Pound	5,800
Concrete Box Culverts	Cu. Yd.	31.2
Box Culverts to be Cleaned	Foot	41.2
Rock Fill - Foundation	Ton	42
Membrane Waterproofing for Buried Structures	Sq. Yd.	47

- GENERAL NOTES**
1. Expansion bolts shall be 3/4" hooked bolts. Hooked bolts shall extend a minimum of 9" into new concrete.
 2. Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.
 3. A distance of half the length of the wingwall but not less than six feet of the barrel shall be poured monolithically with the wingwalls.
 4. The limits and quantities of removal and replacement recommended are based on boring data and may be modified by the Geotechnical and Field Engineers for variable surface conditions encountered in the field during construction. The minimum Unconfined Compressive Strength of the layer below the removal limit shall be 1.0 tsf.
 5. Precast alternate is not allowed.
 6. The structure will be replaced under road closure.



GENERAL PLAN & ELEVATION
IL 160 OVER BRANCH LAKE OVERFLOW
F.A.P. 690 - SEC. 481W-1
CLINTON COUNTY
STATION 643+05.21
STRUCTURE NO. 014-2482

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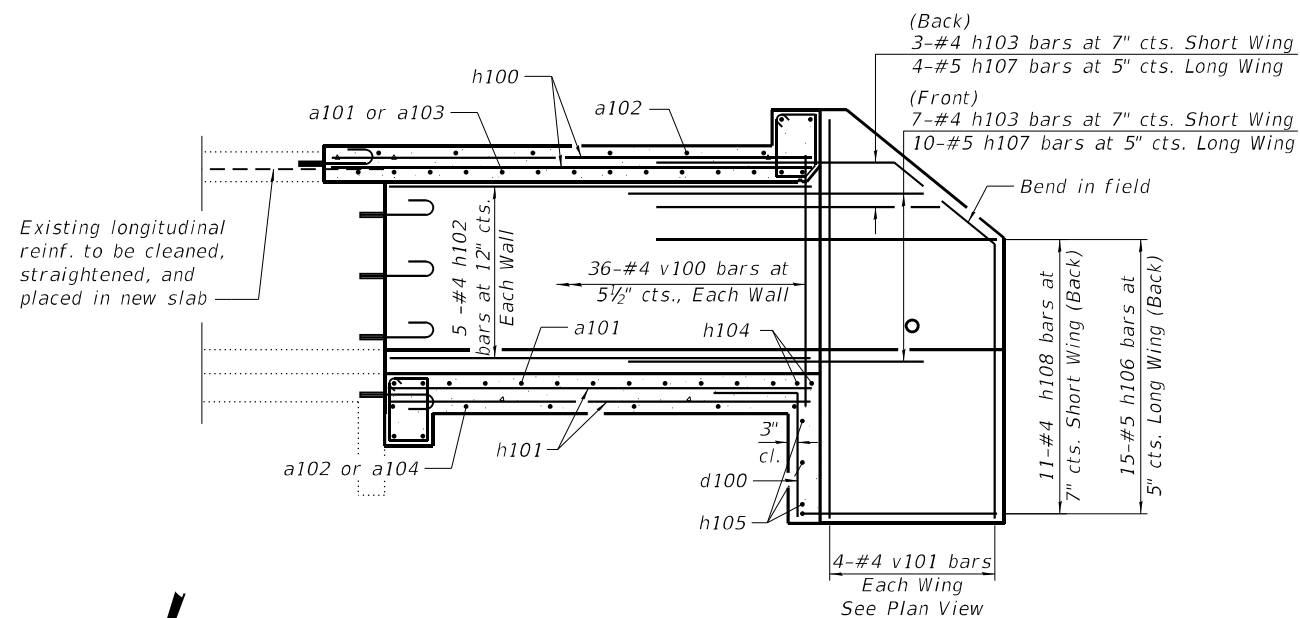
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN & ELEVATION
STRUCTURE NO. 014-2482

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	63
CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				

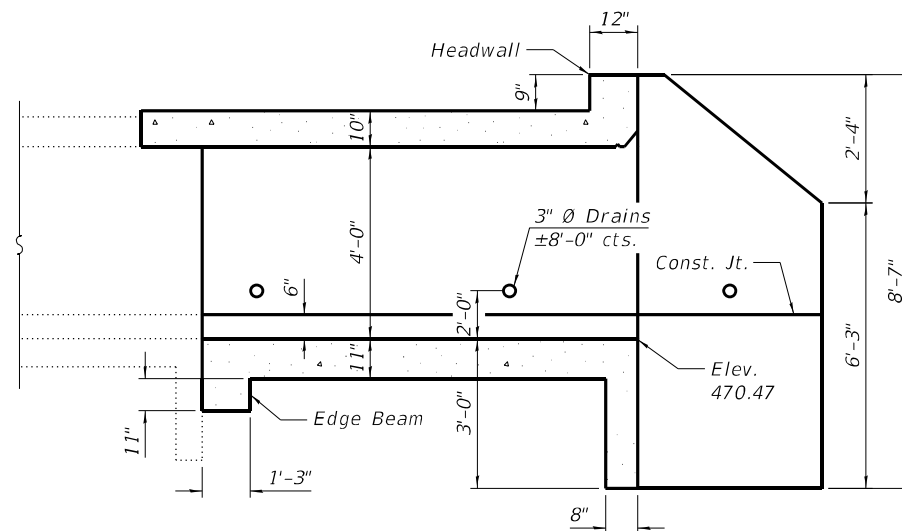
BILL OF MATERIAL
(Upstream Extension)

Bar	No.	Size	Length	Shape
a101	68	#6	8'-0"	U
a102	32	#5	6'-8"	U
a103	12	#6	5'-11"	U
a104	6	#5	4'-2"	U
d100	7	#4	4'-5"	L
h100	14	#5	20'-1"	U
h101	14	#5	16'-3"	U
h102	10	#4	16'-1"	U
h103	10	#4	8'-0"	U
h104	10	#7	6'-6"	U
h105	3	#5	6'-9"	U
h106	15	#5	13'-8"	U
h107	14	#5	8'-0"	U
h108	11	#4	9'-5"	U
s100	8	#4	4'-11"	U
s101	8	#4	4'-9"	U
v100	74	#4	5'-4"	U
v101	8	#4	8'-1"	U
Concrete Box Culverts			Cu. Yd.	15.1
Reinforcement Bars			Pound	2,800

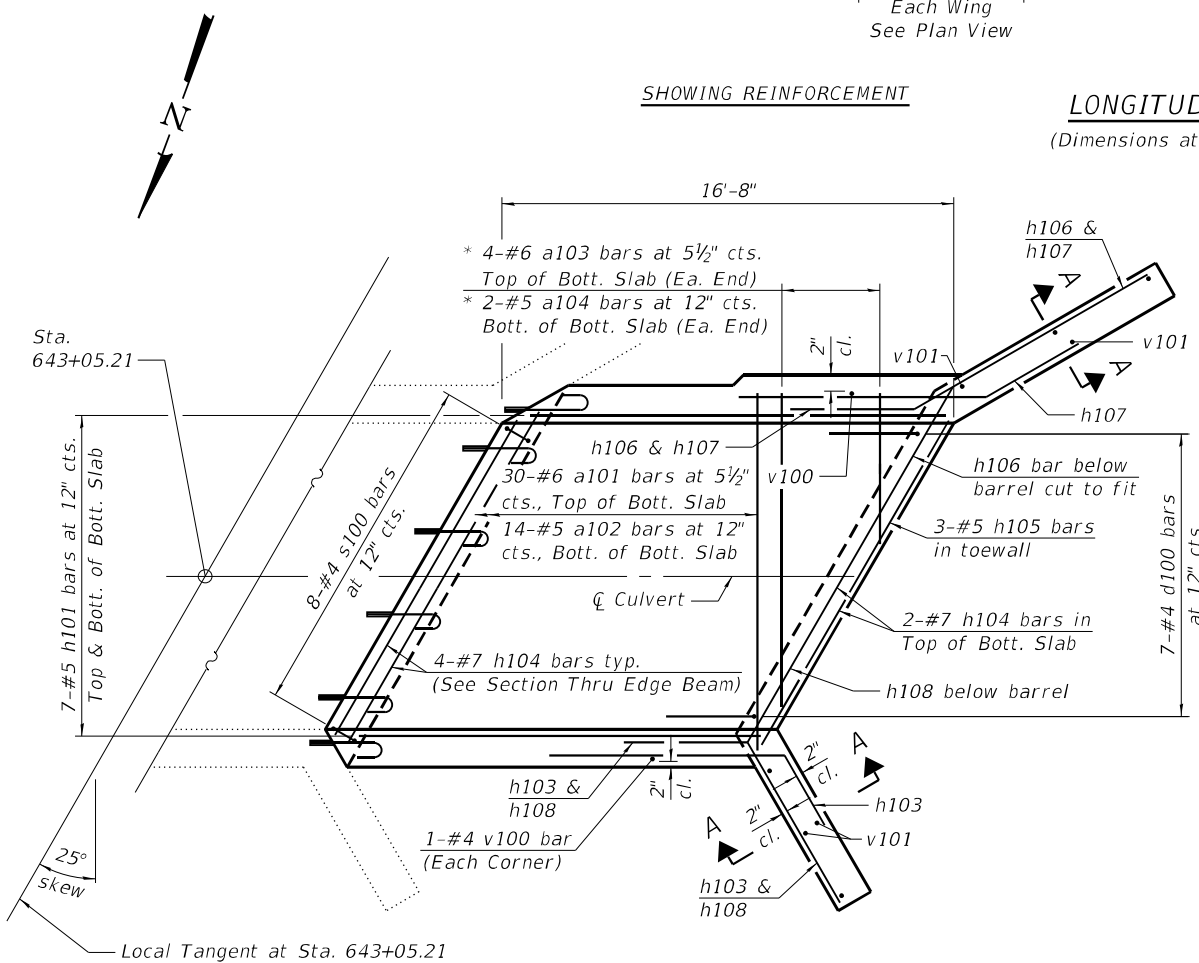


SHOWING REINFORCEMENT

LONGITUDINAL SECTION
(Dimensions at Rt. L's to \bar{C} Roadway)

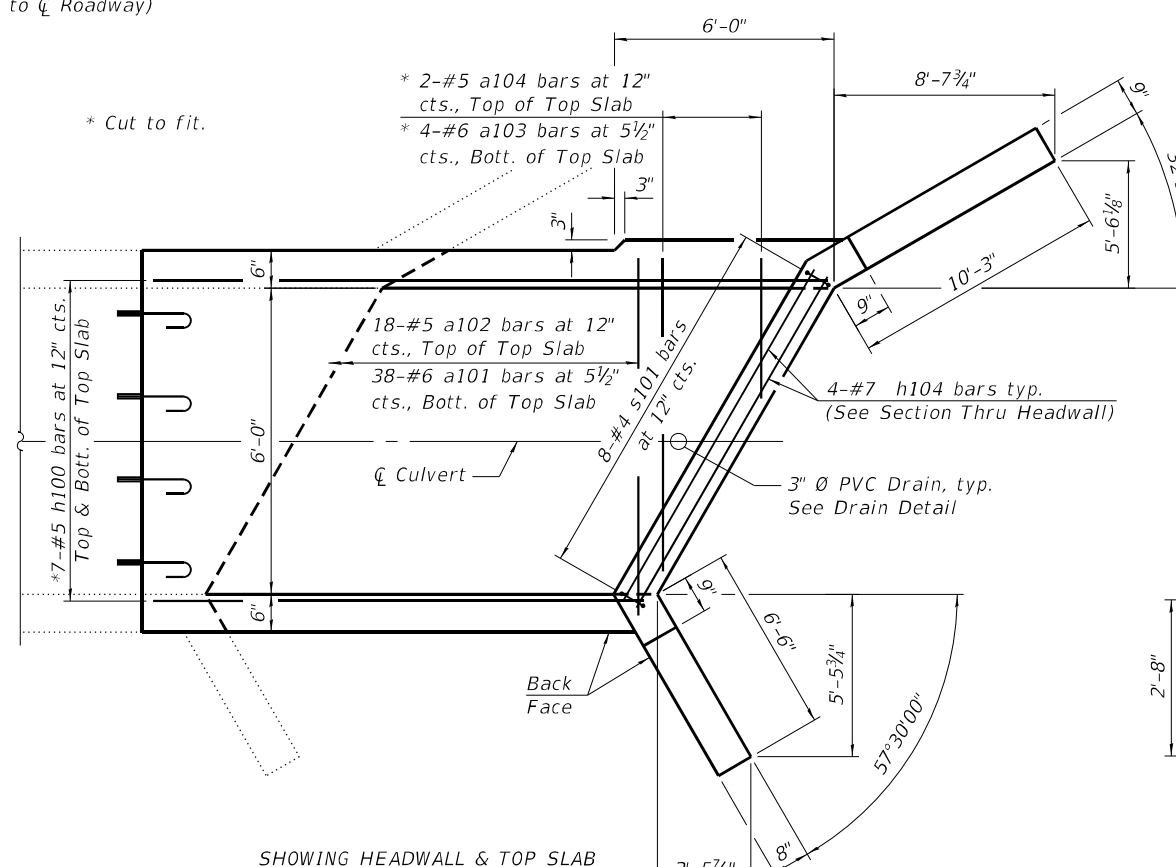


SHOWING DIMENSIONS



SHOWING TOEWALL & BOTTOM SLAB

PLAN



SHOWING HEADWALL & TOP SLAB

BAR s101

BAR d100

BAR s100

BAR a101

BAR a103

BARS h103 & h108

BARS h106 & h107

Notes:
See Sheet 4 of 5 for Section Thru Barrel, Sections Thru Headwalls, Section Thru Edge Beam, Section A-A, and Drain Detail.

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PLOT DATE =

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CHECKED - CDK
DRAWN - TJR
CHECKED - CDK

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

UPSTREAM CULVERT EXTENSION DETAILS
STRUCTURE NO. 014-2482

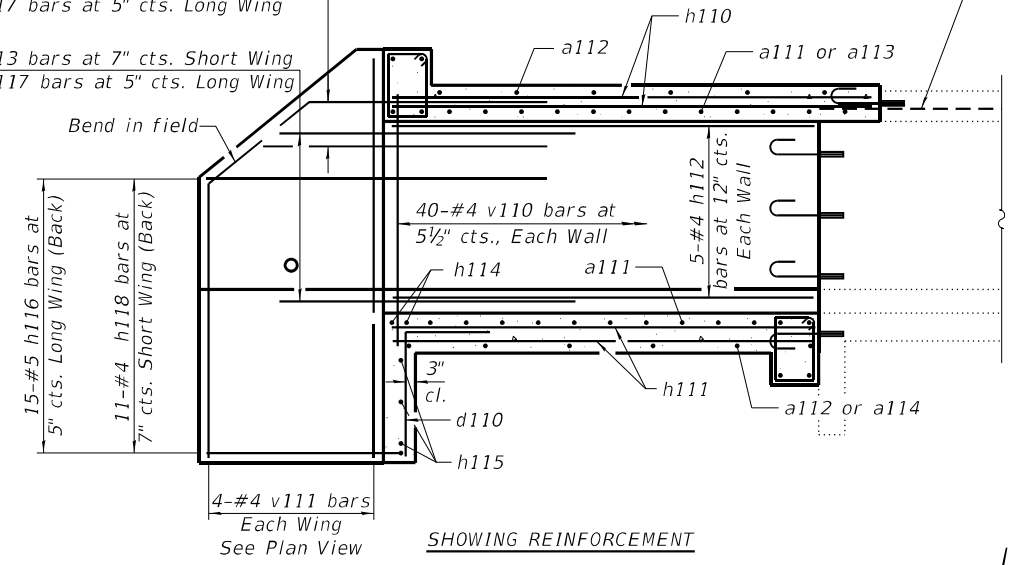
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SECTION = 481W-1
COUNTY = CLINTON
TOTAL SHEETS = 100
SHEET NO. = 64
CONTRACT NO. 76N47

ILLINOIS FED. AID PROJECT

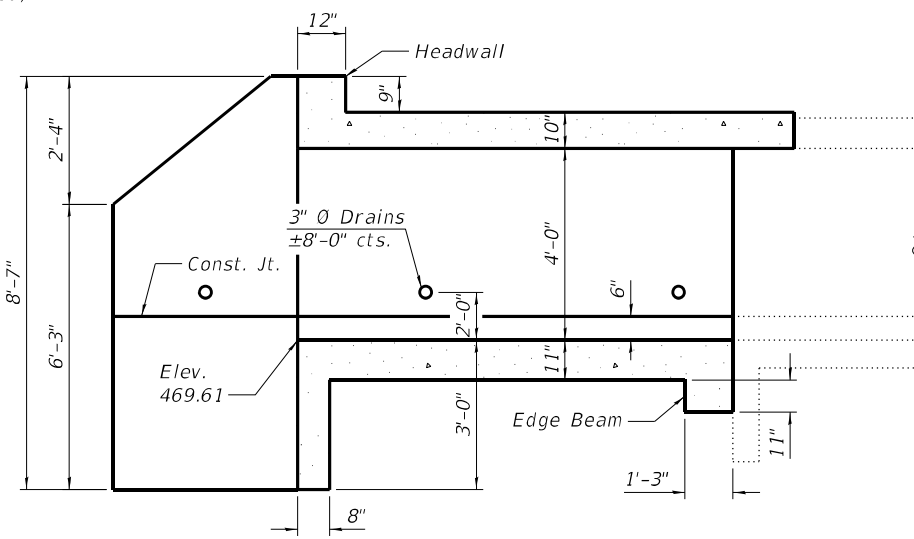
SHEET 2 OF 5 SHEETS

(Back)
 3-#4 h113 bars at 7" cts. Short Wing
 4-#5 h117 bars at 5" cts. Long Wing

(Front)
 7-#4 h113 bars at 7" cts. Short Wing
 10-#5 h117 bars at 5" cts. Long Wing



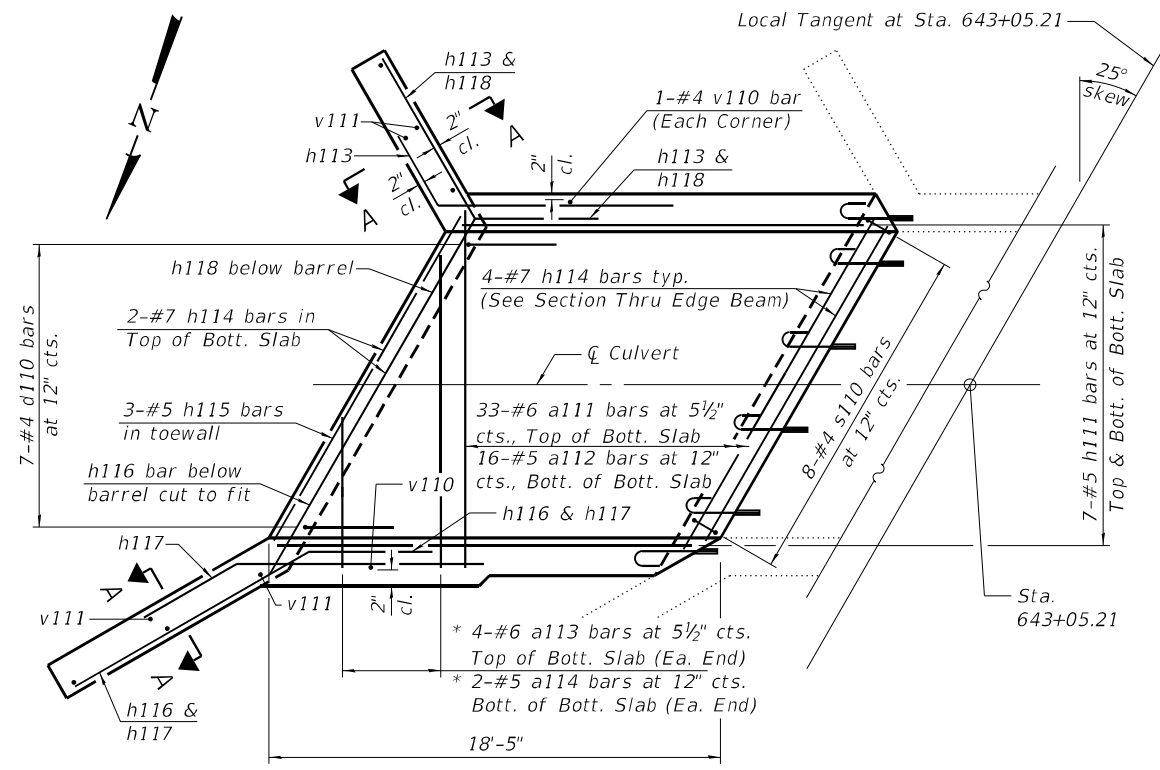
LONGITUDINAL SECTION
 (Dimensions at Rt. L's to C Roadway)



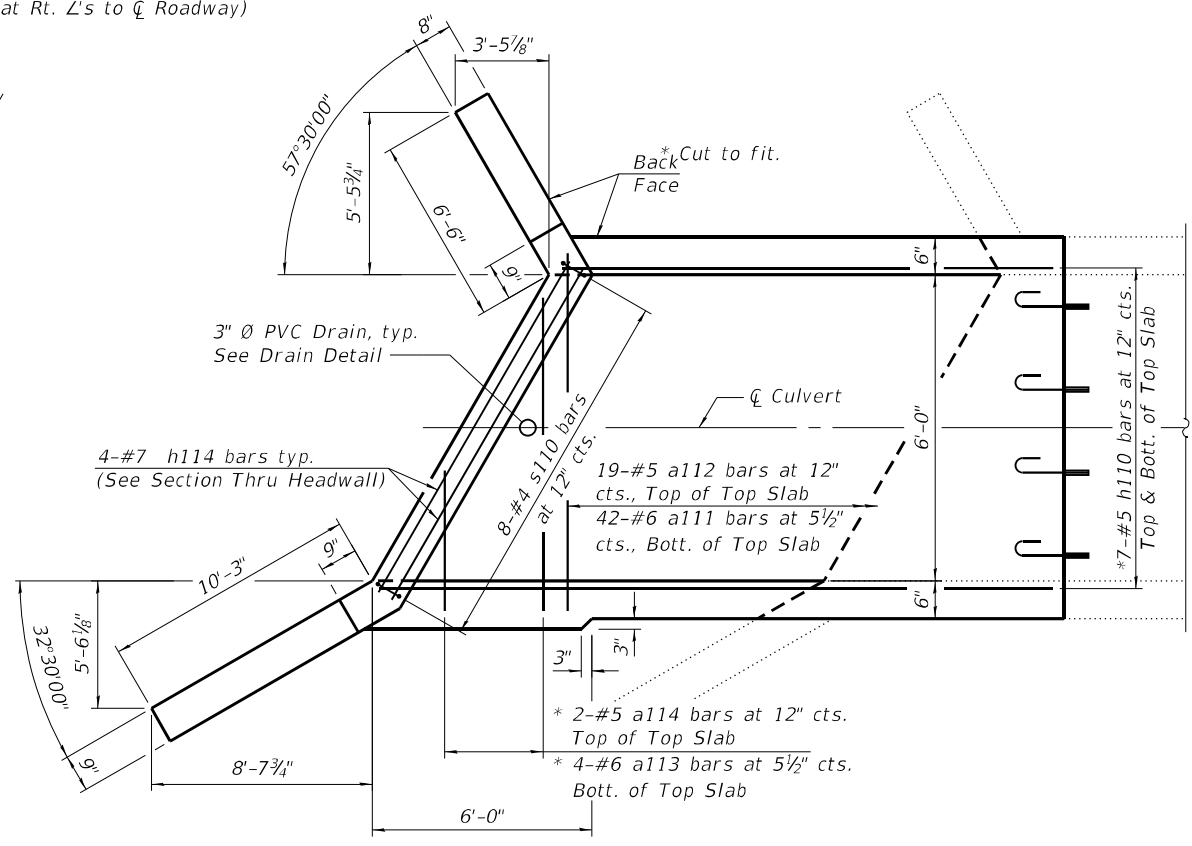
SHOWING DIMENSIONS

BILL OF MATERIAL
 (Downstream Extension)

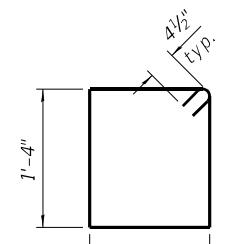
Bar	No.	Size	Length	Shape
a111	75	#6	8'-0"	U
a112	35	#5	6'-8"	U
a113	12	#6	5'-11"	U
a114	6	#5	4'-2"	U
d110	7	#4	4'-5"	L
h110	14	#5	21'-10"	—
h111	14	#5	18'-0"	—
h112	10	#4	17'-10"	—
h113	10	#4	8'-0"	—
h114	10	#7	6'-6"	—
h115	3	#5	6'-9"	—
h116	15	#5	13'-8"	—
h117	14	#5	8'-0"	—
h118	11	#4	9'-5"	—
s110	16	#4	4'-11"	□
v110	82	#4	5'-4"	—
v111	8	#4	8'-1"	—
Concrete Box Culverts				Cu. Yd. 16.1
Reinforcement Bars				Pound 3,000



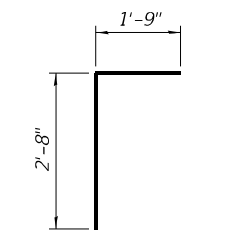
SHOWING TOEWALL & BOTTOM SLAB



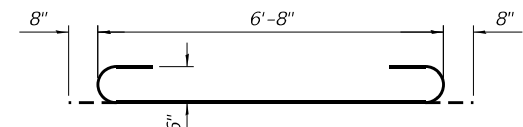
SHOWING HEADWALL & TOP SLAB



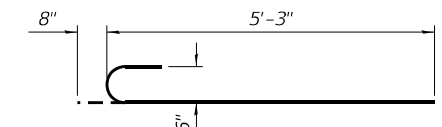
BAR s110



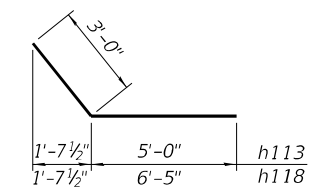
BAR d110



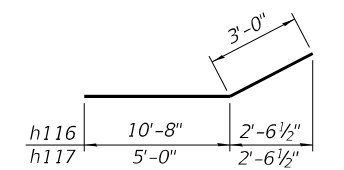
BAR a111



BAR a113



BARS h113 & h118



BARS h116 & h117

Notes:
 See Sheet 4 of 5 for Section Thru Barrel, Sections Thru Headwalls, Section Thru Edge Beam, Section A-A, and Drain Detail.

STATE OF ILLINOIS
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DOWNSTREAM CULVERT EXTENSION DETAILS
 STRUCTURE NO. 014-2482

SHEET 3 OF 5 SHEETS

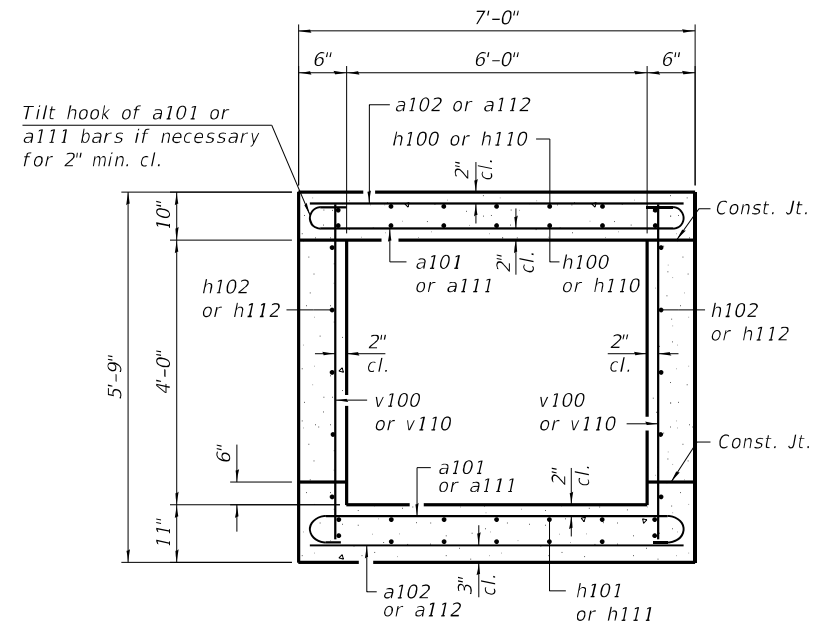
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	65
CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				

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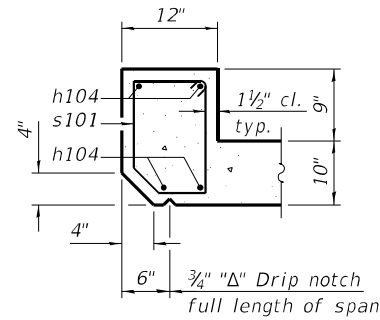


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 WWW.TWM-INC.COM
 IL DESIGN FIRM LICENSE NO: 184-001220

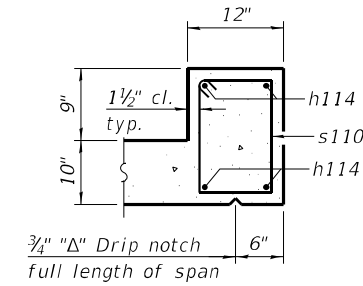
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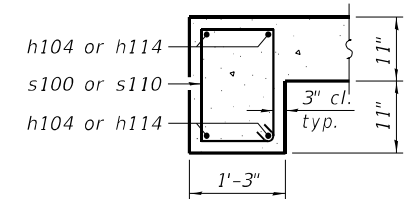
SECTION THRU BARREL



SECTION THRU HEADWALL (Upstream)

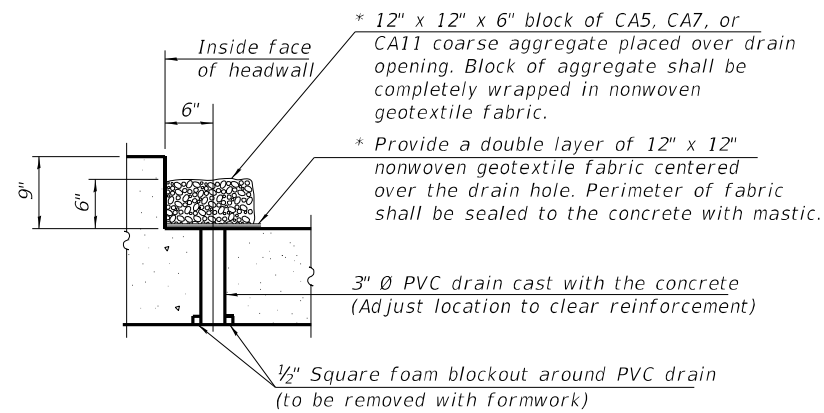


SECTION THRU HEADWALL (Downstream)



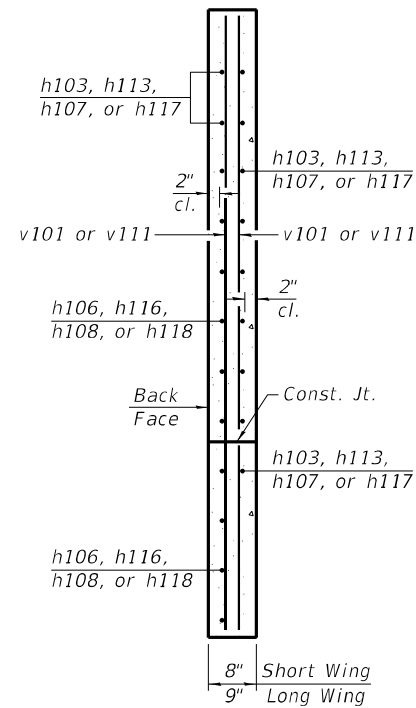
SECTION THRU EDGE BEAM

* Nonwoven geotextile fabric shall conform to the requirements of Article 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.



DRAIN DETAIL

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



SECTION A-A

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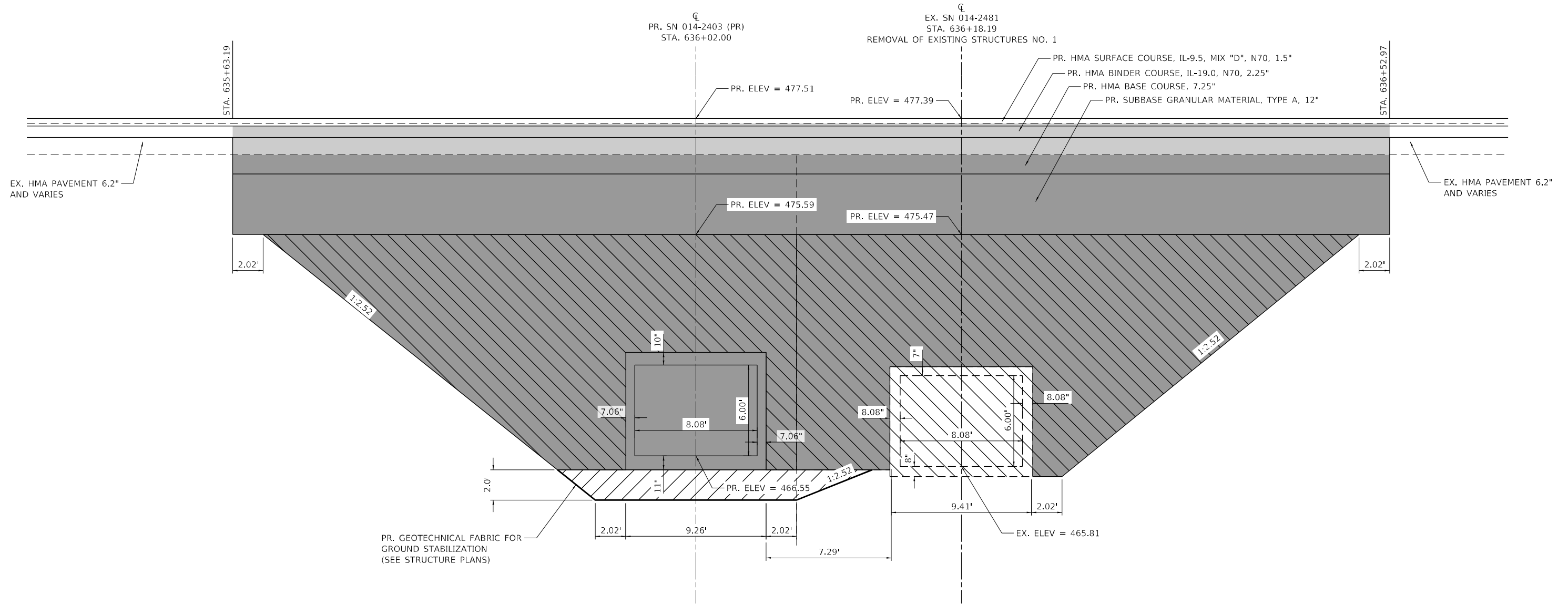
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CULVERT EXTENSION DETAILS
STRUCTURE NO. 014-2482**

SHEET 4 OF 5 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	66
CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				



LEGEND

- PR. PAVEMENT REMOVAL
- PR. REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- PR. ROCK FILL-REPLACEMENT (SEE STRUCTURE PLANS)
- PR. GRANULAR BACKFILL FOR STRUCTURES
- PR. EARTH EXCAVATION (SPECIAL)
- PR. GRANULAR BACKFILL FOR STRUCTURES

GRANULAR BACKFILL DETAIL

SN 014-2403 (PR)
SHOWN ALONG ROADWAY CL

SCALE: N.T.S.

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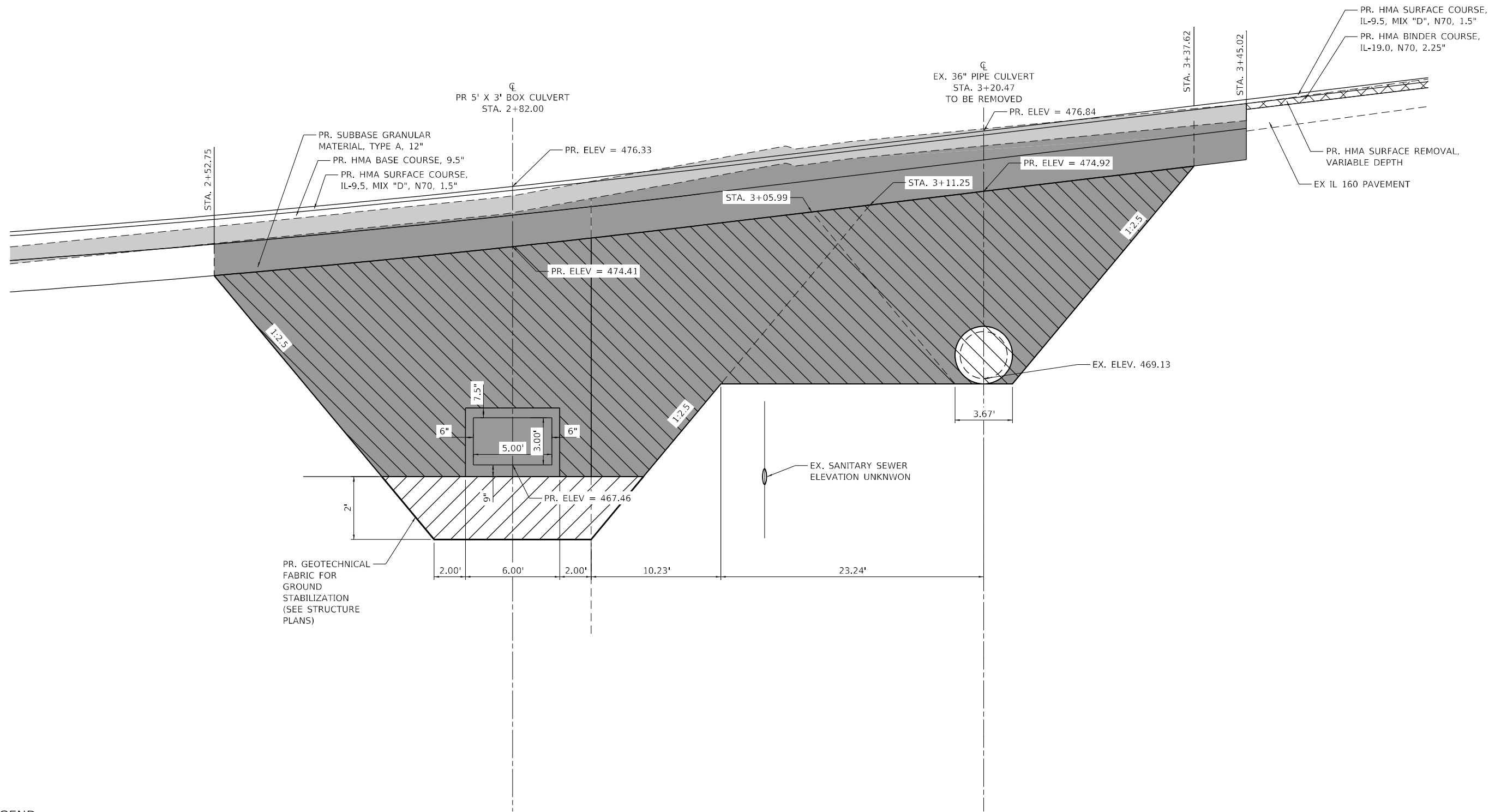
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION








GRANULAR BACKFILL DETAIL	
SN 014-2403 (PR) / SN 014-2481 (EX)	
SCALE: NTS	SHEET 1 OF 1 SHEETS

F.A.P. RTE. 690	SECTION 481W-1	COUNTY CLINTON	TOTAL SHEETS 100	SHEET NO. 68
CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				

SCALE: NTS	SHEET 1	OF 1	SHEETS	STA.	TO STA.
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LEGEND

-  PR. PAVEMENT REMOVAL
-  PR. REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
-  PR. ROCK FILL-REPLACEMENT (SEE STRUCTURE PLANS)
-  PR. GRANULAR BACKFILL FOR STRUCTURES
-  PR. EARTH EXCAVATION (SPECIAL)
-  PR. EARTH EXCAVATION (SPECIAL)
-  PR. GRANULAR BACKFILL FOR STRUCTURES

GRANULAR BACKFILL DETAIL

5' X 3' BOX CULVERT (PR)
SHOWN ALONG ROADWAY C

SCALE: N.T.S.

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DESIGNED -	REVISD -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GRANULAR BACKFILL DETAIL
5' X 3' BOX CULVERT (PR) / 36" PIPE CULVERT (EX)**

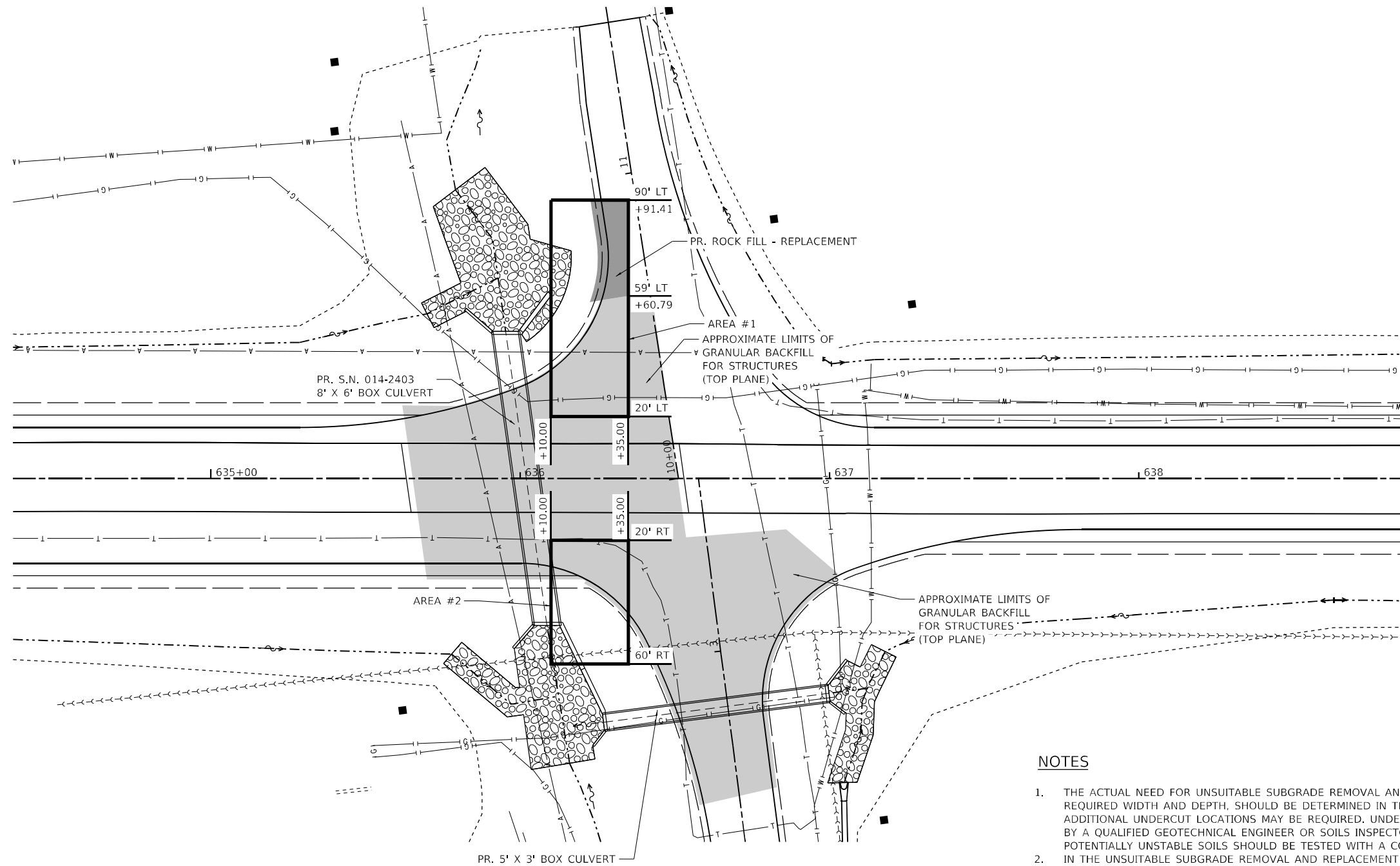
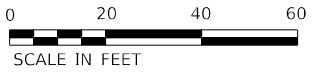
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	69
CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				

LEGEND



PR. UNSUITABLE SUBGRADE REMOVAL AND REPLACEMENT AREA



NOTES

1. THE ACTUAL NEED FOR UNSUITABLE SUBGRADE REMOVAL AND REPLACEMENT, INCLUDING THE REQUIRED WIDTH AND DEPTH, SHOULD BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION. ADDITIONAL UNDERCUT LOCATIONS MAY BE REQUIRED. UNDERCUT DETERMINATIONS SHOULD BE MADE BY A QUALIFIED GEOTECHNICAL ENGINEER OR SOILS INSPECTOR AT THE TIME OF CONSTRUCTION. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A CONE PENETROMETER (DYNAMIC OR STATIC).
2. IN THE UNSUITABLE SUBGRADE REMOVAL AND REPLACEMENT AREA, ONLY SOIL FROM UNDER THE PROPOSED ROADWAY SHOULD BE REMOVED.
3. FOR AREA #2, IT IS ANTICIPATED THAT PROPOSED GRANULAR BACKFILL FOR STRUCTURES WILL SATISFY THE REMOVAL LIMITS UNDERNEATH THE ROADWAY. IF NOT, 30" OF UNSUITABLE SUBGRADE SHALL BE REMOVED BELOW THE EXISTING GROUND ELEVATION AND REPLACED WITH PR. ROCK FILL - REPLACEMENT.
4. ON WESCLIN ROAD EAST, 30" OF UNSUITABLE SUBGRADE SHALL BE REMOVED BELOW THE PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 12" AND REPLACED WITH PR. ROCK FILL - REPLACEMENT.
5. AREAS NOT REPLACED BY THE PROPOSED GRANULAR BACKFILL FOR STRUCTURES SHALL BE REPLACED WITH PROPOSED ROCK FILL - REPLACEMENT.
6. SEE TYPICAL SECTIONS AND CROSS SECTIONS FOR ADDITIONAL DETAILS.
7. SEE GRANULAR BACKFILL DETAILS FOR ADDITIONAL DETAILS.
8. SEE SPECIAL PROVISION REUSE OF EXCAVATED MATERIALS.

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LICENSE NO:
184-001220

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

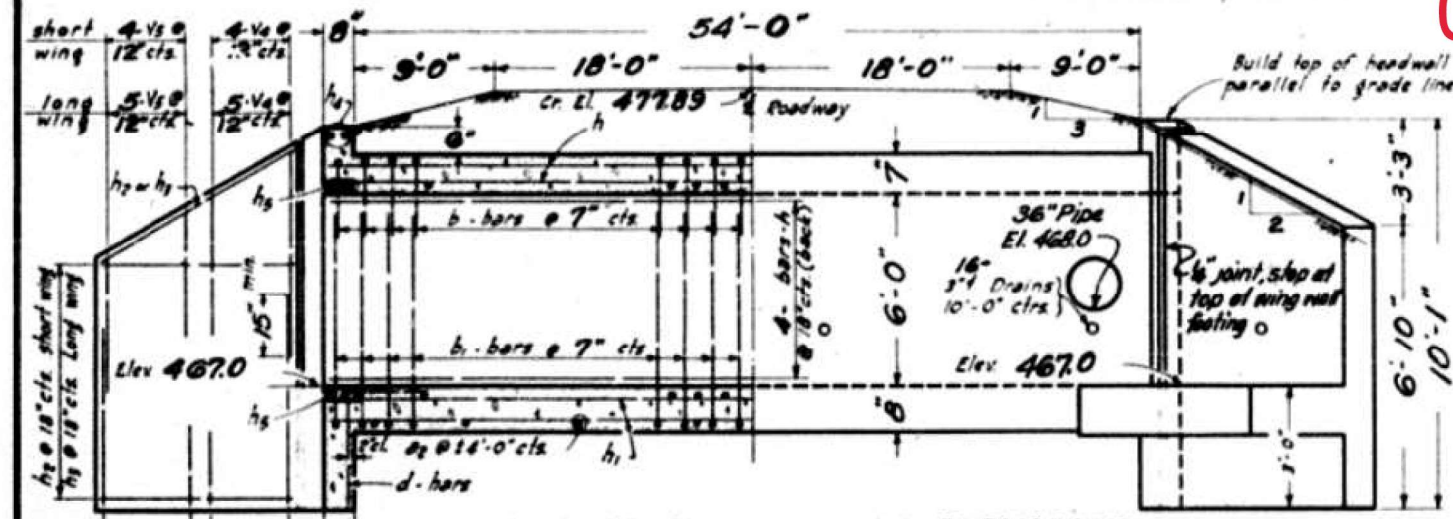
PROPOSED UNSUITABLE SUBGRADE REMOVAL AND REPLACEMENT
DETAIL

SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. TO STA.

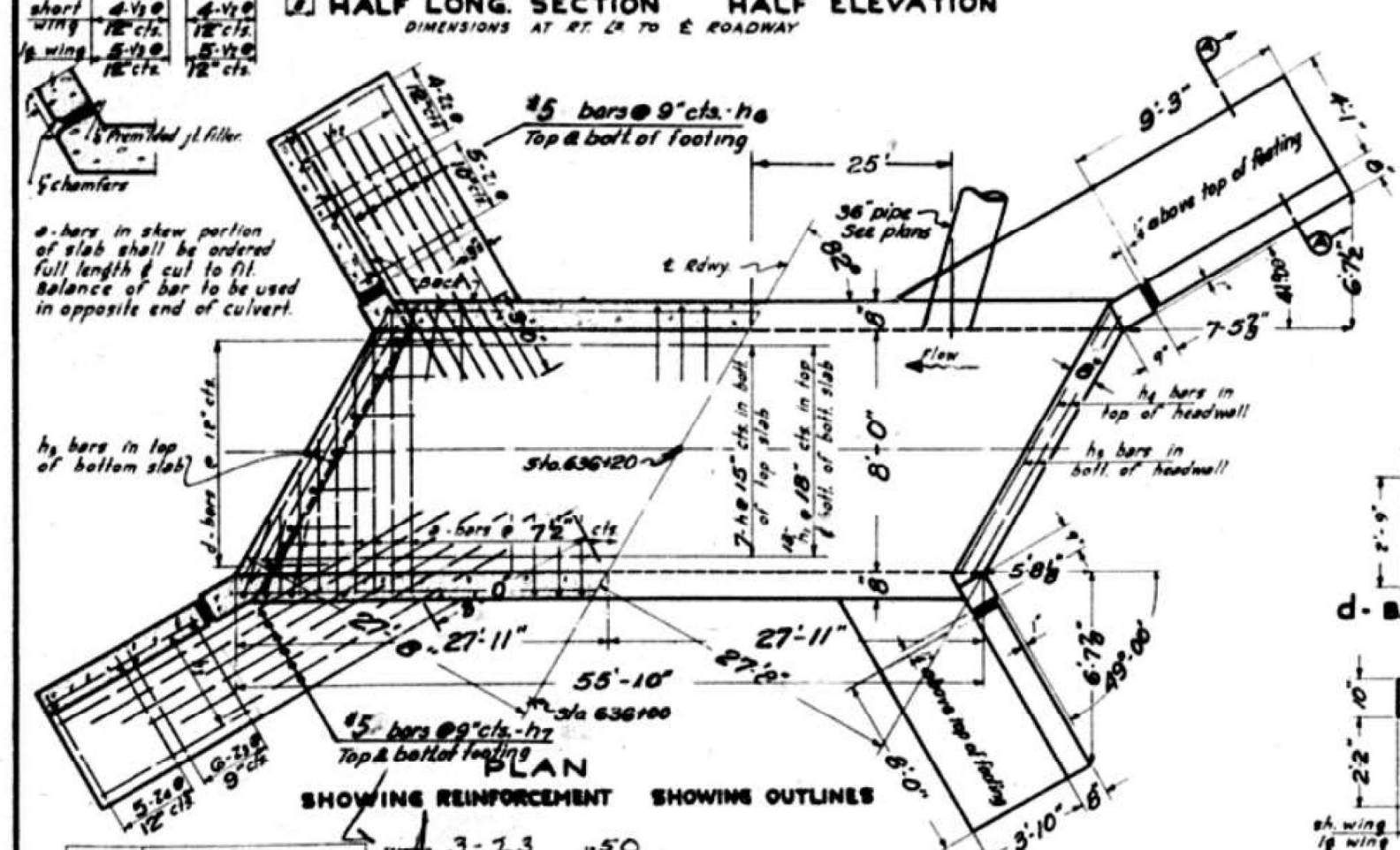
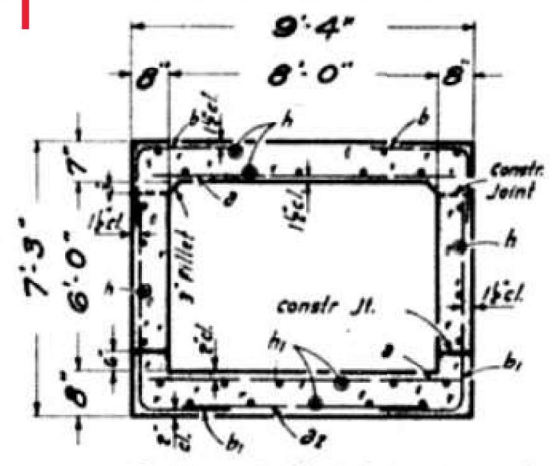
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CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				

014-2481

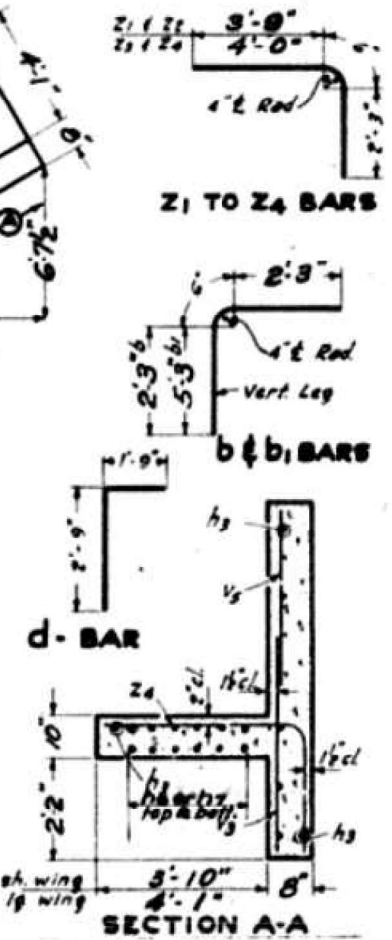
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1/56	...	Clinton	67	61



HALF LONG SECTION HALF ELEVATION
DIMENSIONS AT RT. CR. TO E. ROADWAY



PLAN
SHOWING REINFORCEMENT SHOWING OUTLINES



BILL OF MATERIAL

BAR	NO.	SIZE	LENGTH
a	180	#5	8'-6"
a2	14	#4	5'-0"
b	192	#4	5'-0"
b1	192	#4	8'-0"
d	16	#4	4'-6"
h	38	#4	28'-6"
h1	20	#4	28'-6"
h2	16	#4	7'-9"
h3	16	#4	9'-0"
h4	4	#6	8'-3"
h5	12	#6	9'-0"
h6	20	#5	11'-3"
v1	18	#4	5'-0"
v2	18	#4	5'-0"
v3	18	#4	6'-0"
v4	18	#4	4'-6"
z1	10	#4	6'-6"
z2	8	#4	6'-6"
z3	12	#4	6'-9"
z4	10	#4	6'-9"
Class x concrete cu yds			55.2
Reinforcement Bars Lbs			5940
h7	24	#5	12'-6"

STANDARD	COMPUTER	3-7.3
	CHECKED	u50
	DRAWN	B. H. WOOD
	CHECKED	
SPECIAL	ASSEMBLED	A. P. HANSEN
	CHECKED	E. R. ALLEN

GENERAL NOTES

class x concrete shall be used thru-out
Exposed edges shall be beveled 1/4"
for backfilling & embankment. see standard specifications.

APPROVED: C. M. NASTAWAY

f_s = 20000 #/sq.
f_c = 1200 #/sq.
n = 10
H-20 LOADING

F.A. Route 156 Sec 481
Clinton Co.
Sta. 636+20

STANDARD 2014

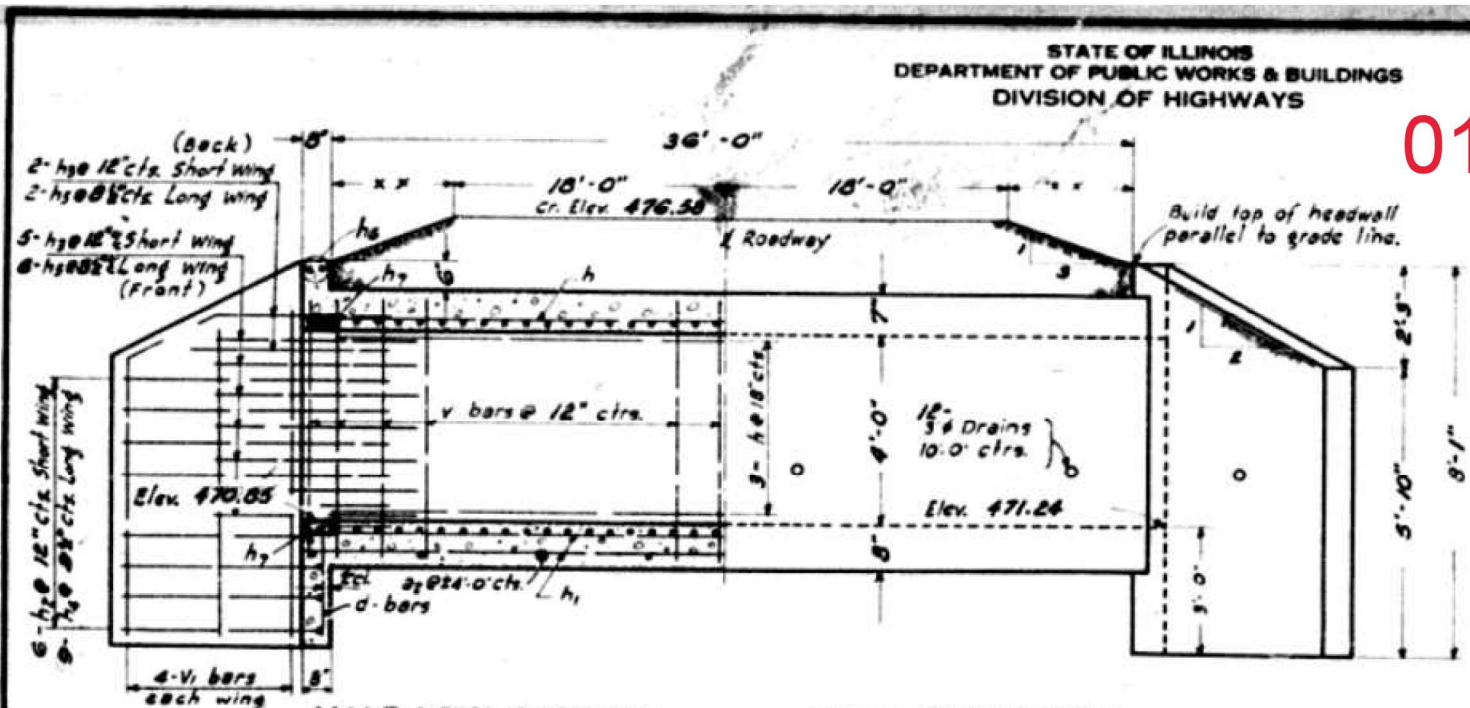
FOR INFORMATION ONLY

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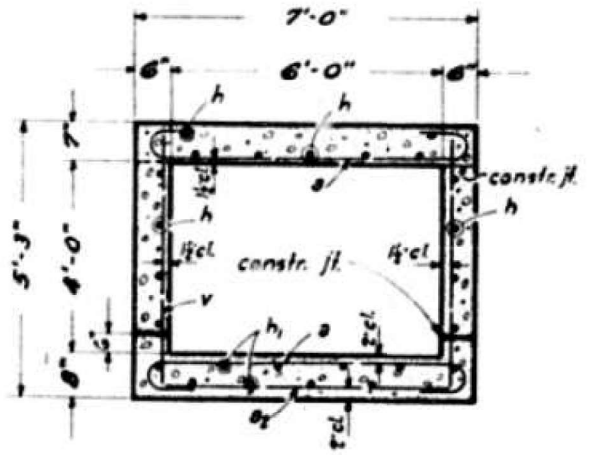
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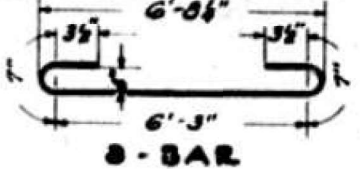
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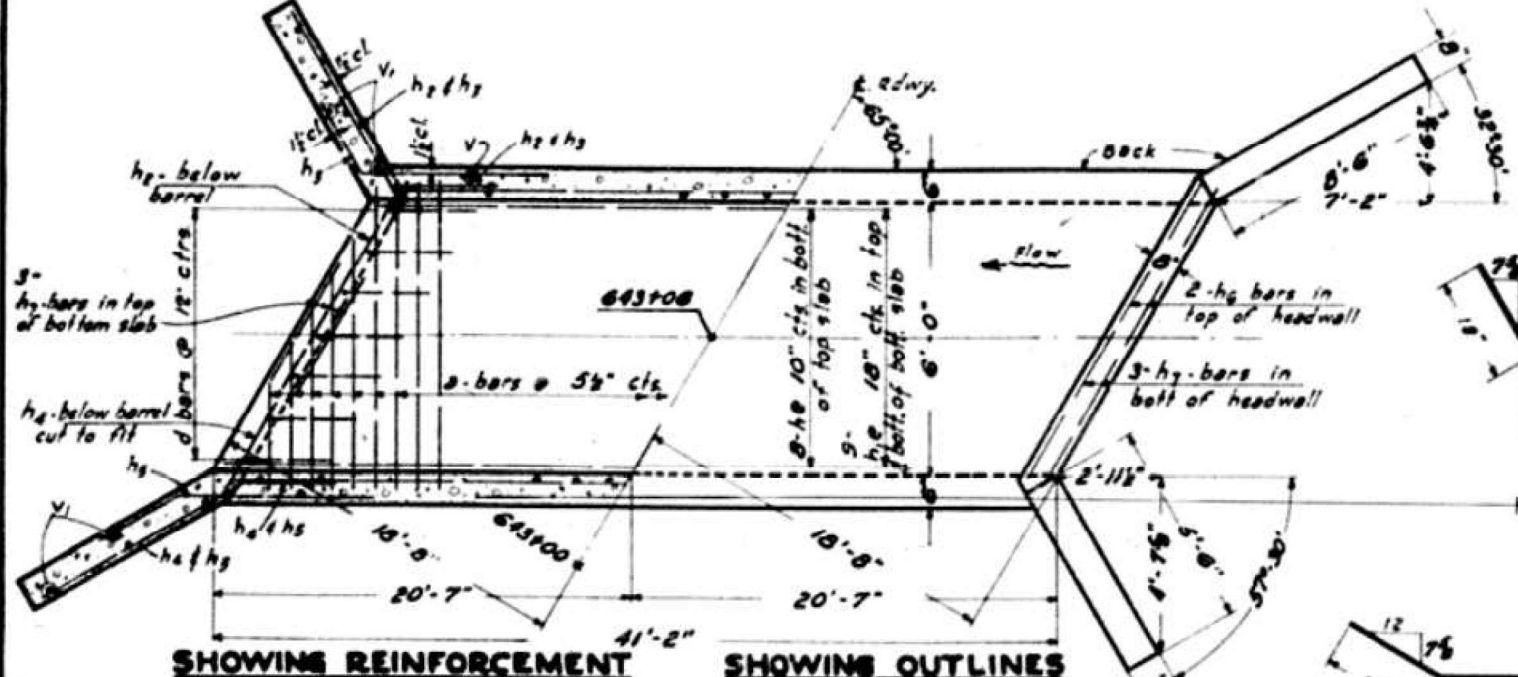
HALF LONG SECTION HALF ELEVATION
DIMENSIONS AT RT. CR. TO E. ROADWAY



SECTION THRU BARREL



S-BAR



SHOWING REINFORCEMENT SHOWING OUTLINES
PLAN

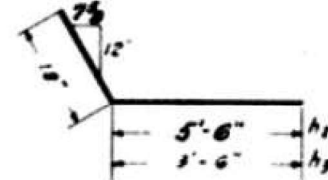
-NOTE-
a-bars in skew portion of slab shall be ordered full length & cut to fit. Balance of bar to be used in opposite end of culvert.

STANDARD	COMPUTED	EXAMINED
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	DRAWN	
	CHECKED	
SPECIAL	ASSEMBLED	APPROVED
	CHECKED	

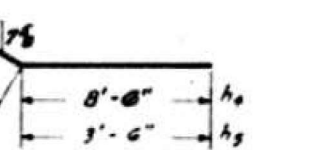
3-23-50
M. J. Beach
C. M. Nadaway

GENERAL NOTES
Class X concrete shall be used thruout. At least six feet barrel shall be poured monolithically with wing walls. Exposed edges shall be beveled 3/4". For backfilling & embankment, see Std. Spec's. Tilt hook of S-bars, if necessary, to obtain its minimum clearance at top of hook.

d-BAR



h2-h3-BARS



h4-h5-BARS

BILL OF MATERIAL

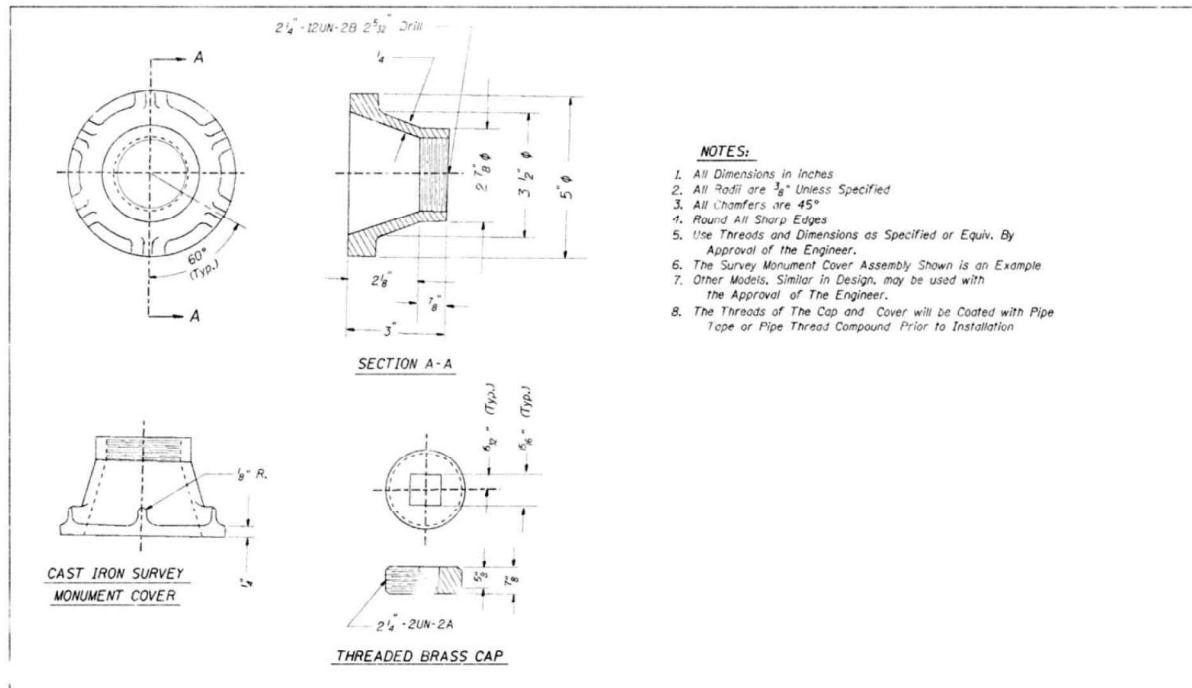
BAR	NO.	SIZE	LENGTH
a	180	#5	8'-0"
a1	11	#4	6'-3"
d	12	#4	6'-6"
h	32	#4	21'-0"
h1	18	#4	21'-0"
h2	12	#4	7'-0"
h3	14	#4	5'-0"
h4	18	#5	10'-0"
h5	16	#5	5'-0"
h6	4	#4	6'-9"
h7	12	#4	7'-3"
v	88	#4	5'-0"
v1	18	#4	7'-0"

Class X Concrete Cu. Yds. 25.2
Reinforcement Bars Lbs. 3800

EA. Route 156, Sec. 481
Clinton County
Sta. 643+06

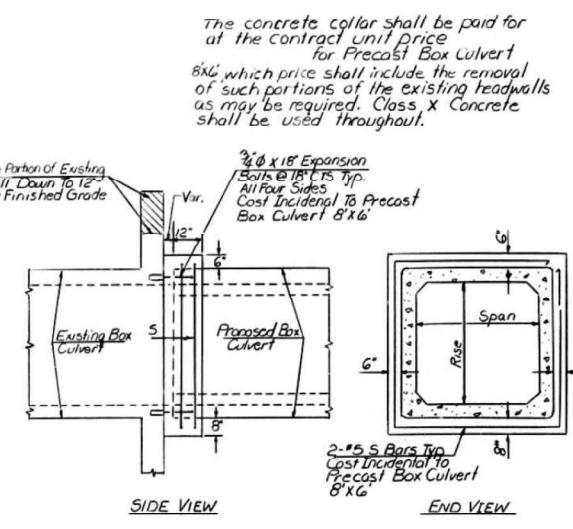
STANDARD 2021

FOR INFORMATION ONLY

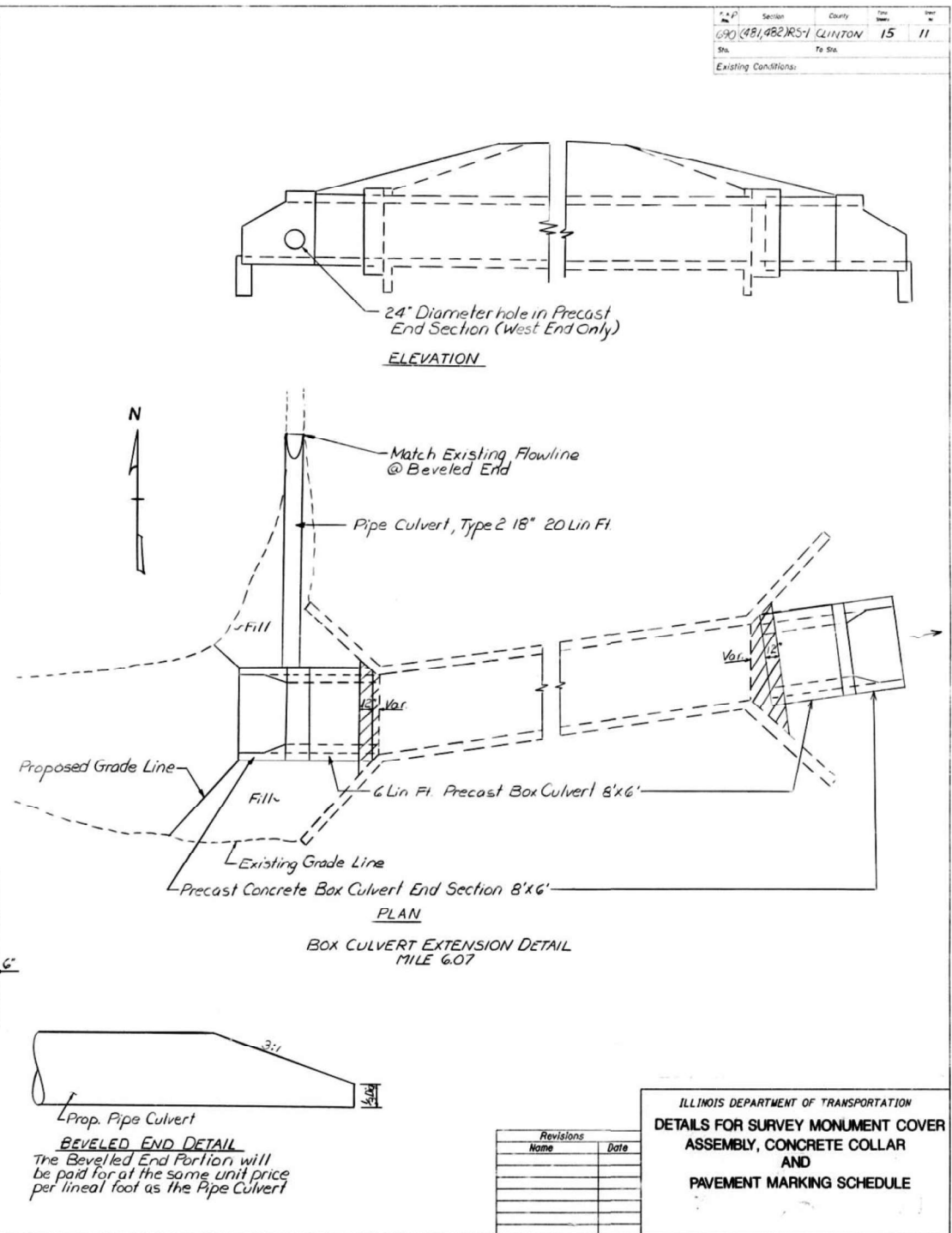


- NOTES:**
- All Dimensions in inches
 - All Radii are $\frac{3}{8}$ " Unless Specified
 - All Chamfers are 45°
 - Round All Sharp Edges
 - Use Threads and Dimensions as Specified or Equiv. By Approval of the Engineer.
 - The Survey Monument Cover Assembly Shown is an Example
 - Other Models, Similar in Design, may be used with the Approval of The Engineer.
 - The Threads of The Cap and Cover will be Coated with Pipe Tape or Pipe Thread Compound Prior to Installation

PAVEMENT MARKING SCHEDULE					
LOCATION	DESCRIPTION	4" SOLID WHITE LIN FT	4" SOLID YELLOW LIN FT	4" SKIP-DASH YELLOW LIN FT	THERMOPLASTIC 24" SOLID LETTERS AND SYMBOLS SQ FT
0.00 TO 1.00	CENTERLINE EDGE LINES	10,365		1,320	
1.00 TO 2.00	CENTERLINE EDGE LINES	10,407		1,320	
2.00 TO 3.00	CENTERLINE EDGE LINES	9,893	2,017	1,260	
3.00 TO 4.00	CENTERLINE EDGE LINES R.R. CROSSING	9,435	950	1,190	66 122.4
4.00 TO 5.00	CENTERLINE EDGE LINES	10,386	3,538	1,150	
5.00 TO 6.00	CENTERLINE EDGE LINES	10,353	845	1,320	
6.00 TO 7.00	CENTERLINE EDGE LINES	10,384	898	1,320	
7.00 TO 8.00	CENTERLINE EDGE LINES	10,500		1,320	
8.00 TO 8.650	CENTERLINE EDGE LINES R.R. CROSSING	6,847	950	860	66 122.4
TOTALS		88,570	9,198	11,060	132 244.8



DETAILS OF CONCRETE COLLAR FOR PRECAST BOX CULVERT



BEVELED END DETAIL
The Beveled End Portion will be paid for at the same unit price per lineal foot as the Pipe Culvert

Revisions	
Name	Date

ILLINOIS DEPARTMENT OF TRANSPORTATION
DETAILS FOR SURVEY MONUMENT COVER ASSEMBLY, CONCRETE COLLAR AND PAVEMENT MARKING SCHEDULE

Project No.	Section	County	Sheet No.	Total Sheets
690 (481482)RS-1	CLINTON	15	11	
Sta.	To Sta.	Existing Conditions:		

MODEL: P:\dxf\11... FILE NAME: P:\2020\2020050911B - IL 160 at WestDr L11\14 CADD - DWG\4.7 TopCAD_Sheets\DR\160-17-2-Box-Culvert_Extension.dwg

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 IL DESIGN FIRM
 LICENSE NO:
 184-001220

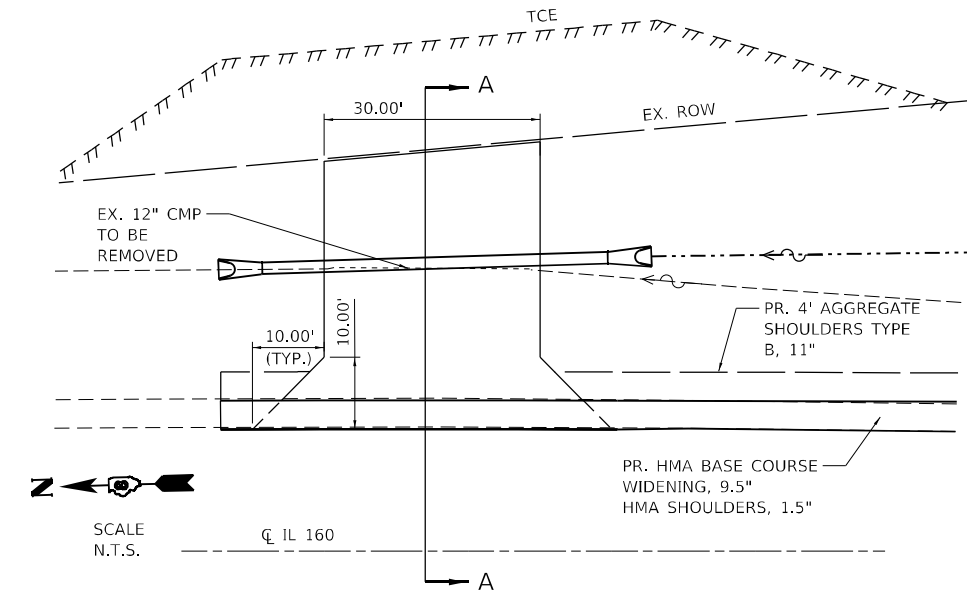
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

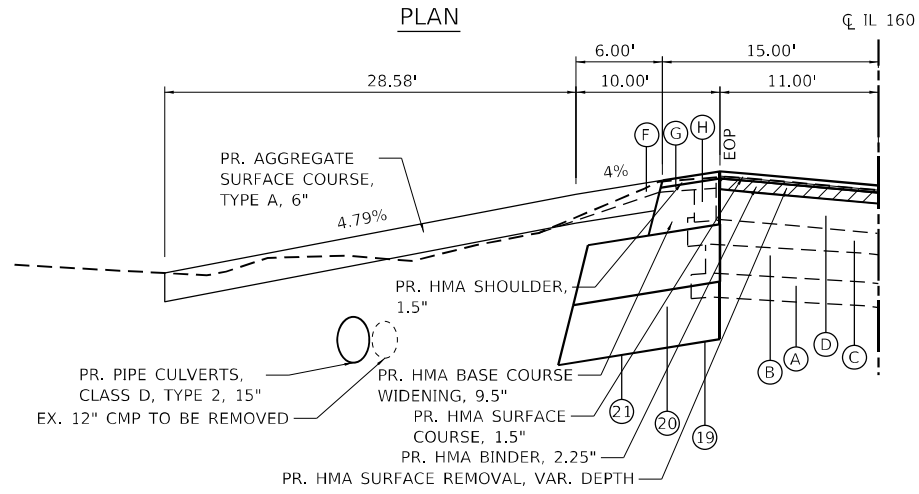
AS BUILT PLAN	
S.N. 014-2482	
SCALE: N.T.S.	SHEET 2 OF 2 SHEETS
STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	73
CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				

FIELD ENTRANCE STA. 630+28.98 LT (IL 160)

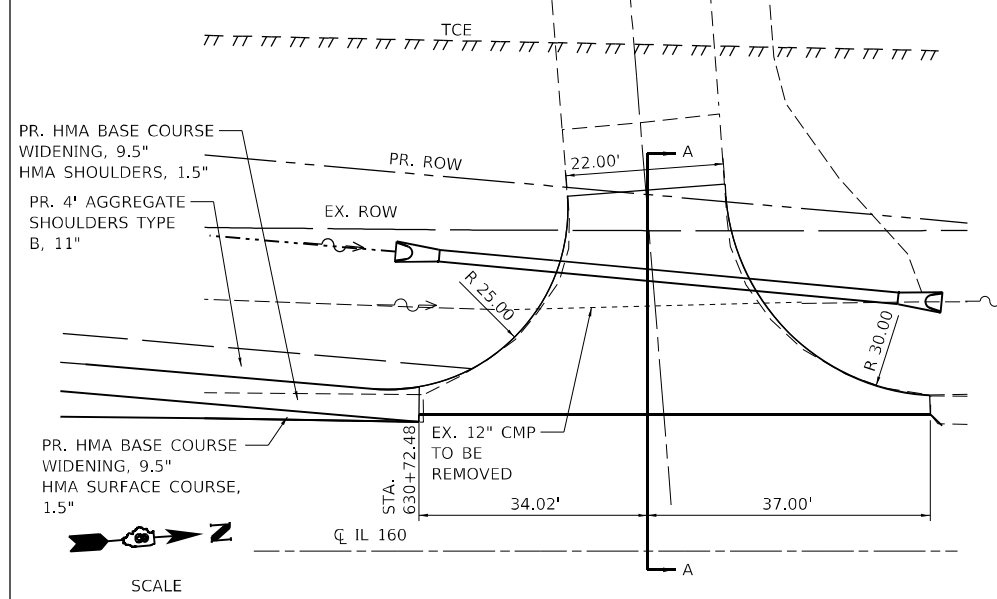


PLAN

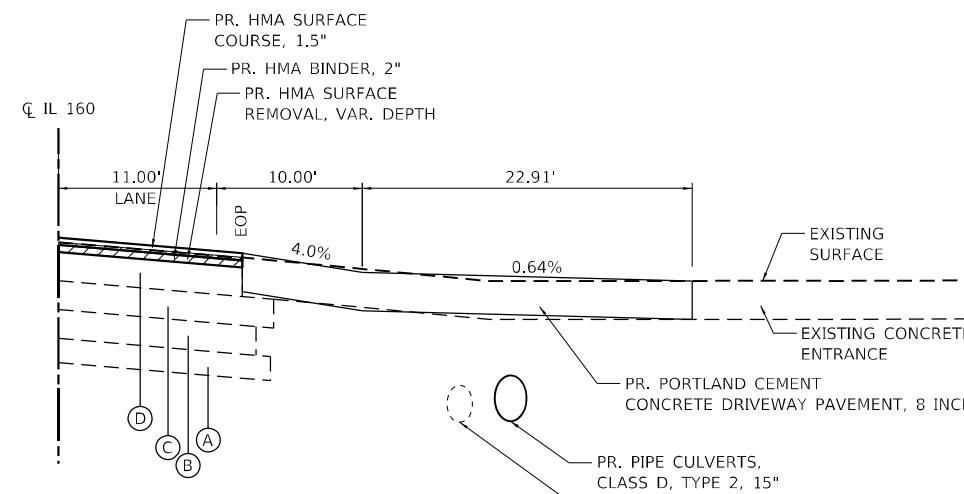


SECTION A-A

SCHOOL ENTRANCE STA. 630+37.35 RT (IL 160)

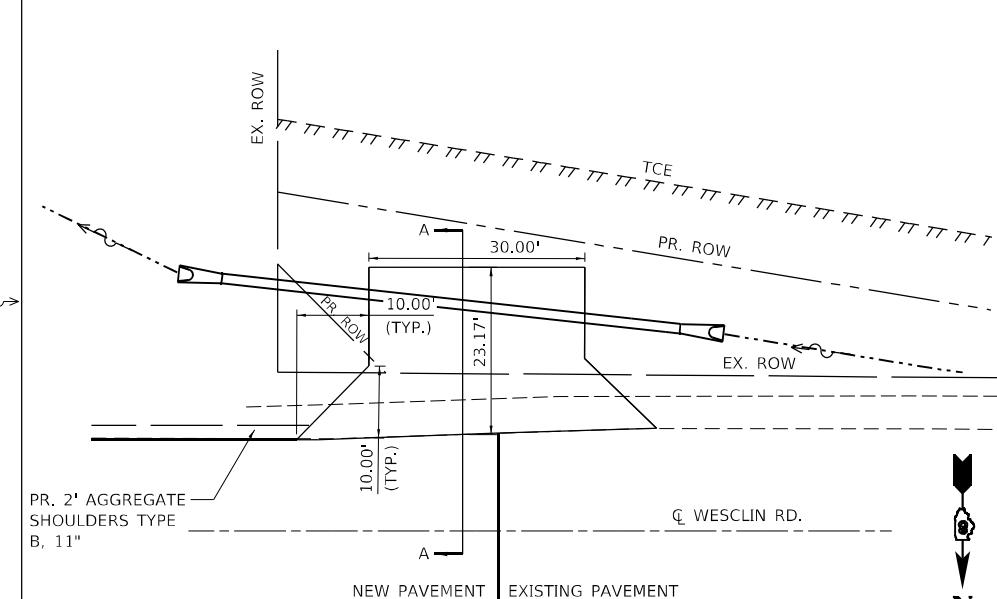


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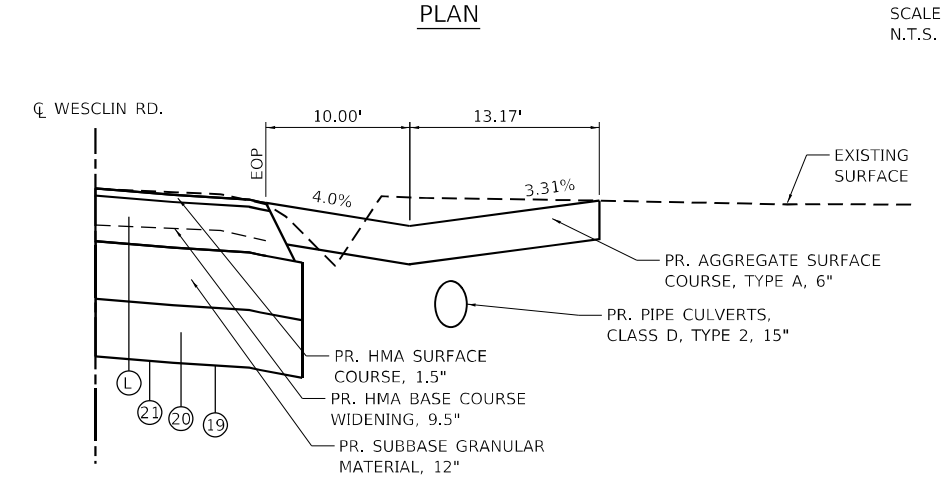


SECTION A-A

FIELD ENTRANCE STA. 2+11.39 RT (WESCLIN WEST)



PLAN



SECTION A-A

LEGEND

- (A) EXISTING SUBBASE GRANULAR MATERIAL, 5"
- (B) EXISTING GRAVEL OR CRUSHED STONE BASE COURSE, (VAR. 5" TO 6")
- (C) EXISTING HMA OVERLAY, (VAR. 6" TO 7")
- (D) EXISTING HMA SURFACE COURSE
- (F) EXISTING AGGREGATE WEDGE SHOULDERS, TYPE B
- (G) EXISTING HMA SHOULDERS, 2.25"
- (H) EXISTING HMA SHOULDERS, 5.75"
- (L) EXISTING OIL & CHIP PAVEMENT
- (19) PROPOSED GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (20) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A (SEE TYPICAL SECTIONS & SPECIAL PROVISIONS)
- (21) PROPOSED PROOF ROLLING (SEE TYPICAL SECTIONS & SPECIAL PROVISIONS)

NOTES

1. THE TRANSVERSE DITCH SLOPE AT ALL ENTRANCES SHALL BE GRADE TO A 1:6 SLOPE

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PLOT DATE = 8/23/2024

DESIGNED -
DRAWN -
CHECKED -
DATE -
REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ENTRANCE DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	74
CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				

IL 160 HMA SURFACE REMOVAL AND HMA RESURFACING SCHEDULE (CONTINUED)

STATION	LEFT SIDE							CENTERLINE*					RIGHT SIDE								
	EX. LEFT EOP		HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	HMA BINDER COURSE, IL-19.0, N70	ACTUAL OFFSET TO EXISTING EOP LOCATION	PROPOSED PAVEMENT SLOPE	EXISTING	PROPOSED	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	HMA BINDER COURSE, IL-19.0, N70	EX. RIGHT EOP		HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	HMA BINDER COURSE, IL-19.0, N70	ACTUAL OFFSET TO EXISTING EOP LOCATION	PROPOSED PAVEMENT SLOPE		
	EX. ELEV.	PR. ELEV.						CL ELEV	CL ELEV				EX. ELEV.	PR. ELEV.							
(FOOT)	(FOOT)	(INCH)	(INCH)	(INCH)	(FOOT)	%	(FOOT)	(FOOT)	(INCH)	(INCH)	(INCH)	(FOOT)	(FOOT)	(INCH)	(INCH)	(INCH)	(FOOT)	%			
639+00.00	476.7	476.80	-2.51	1.5	2.25	10.80	-1.50%	476.88	476.96	-2.75	1.5	2.25	476.8	476.85	-3.11	1.5	2.25	11.39	-1.03%		
639+25.00	476.68	476.78	-2.51	1.5	2.25	10.92	-1.50%	476.86	476.94	-2.75	1.5	2.25	476.81	476.93	-2.27	1.5	2.25	11.27	-0.09%		
638+27.42							-1.50%												0.00%		
639+50.00	476.68	476.78	-2.51	1.5	2.25	11.02	-1.50%	476.87	476.95	-2.75	1.5	2.25	476.86	477.04	-1.55	1.5	2.25	11.10	0.85%		
639+67.40	END NORMAL CROWN																		1.50%		
639+75.00	476.68	476.76	-2.75	1.5	2.25	11.20	-1.78%	476.88	476.96	-2.75	1.5	2.25	476.93	477.16	-0.95	1.5	2.25	10.88	1.78%		
639+83.19	START FULL SUPER ELEVATION													START FULL FULL SUPERELEVATION							2.09%
640+00.00	476.66	476.74	-2.75	1.5	2.25	11.35	-2.09%	476.89	476.97	-2.75	1.5	2.25	477	477.20	-1.31	1.5	2.25	10.69	2.09%		
640+25.00	476.63	476.69	-2.99	1.5	2.25	11.52	-2.09%	476.85	476.93	-2.75	1.5	2.25	476.97	477.15	-1.55	1.5	2.25	10.56	2.09%		
640+50.00	476.55	476.61	-2.99	1.5	2.25	11.73	-2.09%	476.77	476.85	-2.75	1.5	2.25	476.91	477.07	-1.79	1.5	2.25	10.41	2.09%		
640+75.00	476.46	476.52	-2.99	1.5	2.25	11.89	-2.09%	476.69	476.77	-2.75	1.5	2.25	476.86	476.98	-2.27	1.5	2.25	10.30	2.09%		
641+00.00	476.4	476.45	-3.11	1.5	2.25	11.85	-2.09%	476.62	476.70	-2.75	1.5	2.25	476.83	476.92	-2.63	1.5	2.25	10.27	2.09%		
641+25.00	476.35	476.42	-2.87	1.5	2.25	11.82	-2.09%	476.58	476.66	-2.75	1.5	2.25	476.79	476.88	-2.63	1.5	2.25	10.25	2.09%		
641+50.00	476.31	476.36	-3.11	1.5	2.25	11.85	-2.09%	476.52	476.60	-2.75	1.5	2.25	476.76	476.82	-2.99	1.5	2.25	10.22	2.09%		
641+75.00	476.26	476.30	-3.23	1.5	2.25	11.80	-2.09%	476.46	476.54	-2.75	1.5	2.25	476.72	476.76	-3.23	1.5	2.25	10.27	2.09%		
642+00.00	476.21	476.24	-3.35	1.5	2.25	11.68	-2.09%	476.41	476.49	-2.75	1.5	2.25	476.69	476.70	-3.59	1.5	2.25	10.39	2.09%		
642+25.00	476.14	476.19	-3.11	1.5	2.25	11.56	-2.09%	476.36	476.44	-2.75	1.5	2.25	476.66	476.65	-3.83	1.5	2.25	10.41	2.09%		
642+50.00	476.09	476.15	-2.99	1.5	2.25	11.41	-2.09%	476.3	476.38	-2.75	1.5	2.25	476.62	476.60	-3.95	1.5	2.25	10.53	2.09%		
642+75.00	476.06	476.10	-3.23	1.5	2.25	11.25	-2.09%	476.26	476.34	-2.75	1.5	2.25	476.57	476.56	-3.83	1.5	2.25	10.70	2.09%		
643+00.00	476.04	476.07	-3.35	1.5	2.25	11.16	-2.09%	476.22	476.30	-2.75	1.5	2.25	476.54	476.53	-3.83	1.5	2.25	10.80	2.09%		
643+25.00	476.05	476.07	-3.47	1.5	2.25	11.02	-2.09%	476.22	476.30	-2.75	1.5	2.25	476.56	476.53	-4.07	1.5	2.25	10.95	2.09%		
643+50.00	476.07	476.09	-3.47	1.5	2.25	10.81	-2.09%	476.24	476.32	-2.75	1.5	2.25	476.63	476.55	-4.67	1.5	2.25	11.08	2.09%		
643+75.00	476.08	476.11	-3.35	1.5	2.25	10.80	-2.09%	476.25	476.33	-2.75	1.5	2.25	476.66	476.56	-4.91	1.5	2.25	11.18	2.09%		
644+00.00	476.09	476.11	-3.47	1.5	2.25	10.75	-2.09%	476.26	476.34	-2.75	1.5	2.25	476.67	476.57	-4.91	1.5	2.25	11.27	2.09%		
644+25.00	476.09	476.11	-3.47	1.5	2.25	10.68	-2.09%	476.26	476.34	-2.75	1.5	2.25	476.62	476.57	-4.31	1.5	2.25	11.32	2.09%		
644+50.00	476.08	476.11	-3.35	1.5	2.25	10.67	-2.09%	476.26	476.34	-2.75	1.5	2.25	476.59	476.57	-3.95	1.5	2.25	11.36	2.09%		
644+75.00	476.07	476.11	-3.23	1.5	2.25	10.68	-2.09%	476.25	476.33	-2.75	1.5	2.25	476.57	476.57	-3.71	1.5	2.25	11.37	2.09%		
645+00.00	476.1	476.13	-3.35	1.5	2.25	10.66	-2.09%	476.27	476.35	-2.75	1.5	2.25	476.57	476.59	-3.47	1.5	2.25	11.37	2.09%		
645+25.00	476.14	476.17	-3.35	1.5	2.25	10.65	-2.09%	476.32	476.40	-2.75	1.5	2.25	476.6	476.63	-3.35	1.5	2.25	11.37	2.09%		
645+34.00	BUTT JOINT							BUTT JOINT					BUTT JOINT								
645+54.00	BUTT JOINT							BUTT JOINT					BUTT JOINT								

*PROPOSED ELEVATIONS REPRESENT 1.0 INCH ABOVE EXISTING CENTERLINE ELEVATIONS

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DATE -

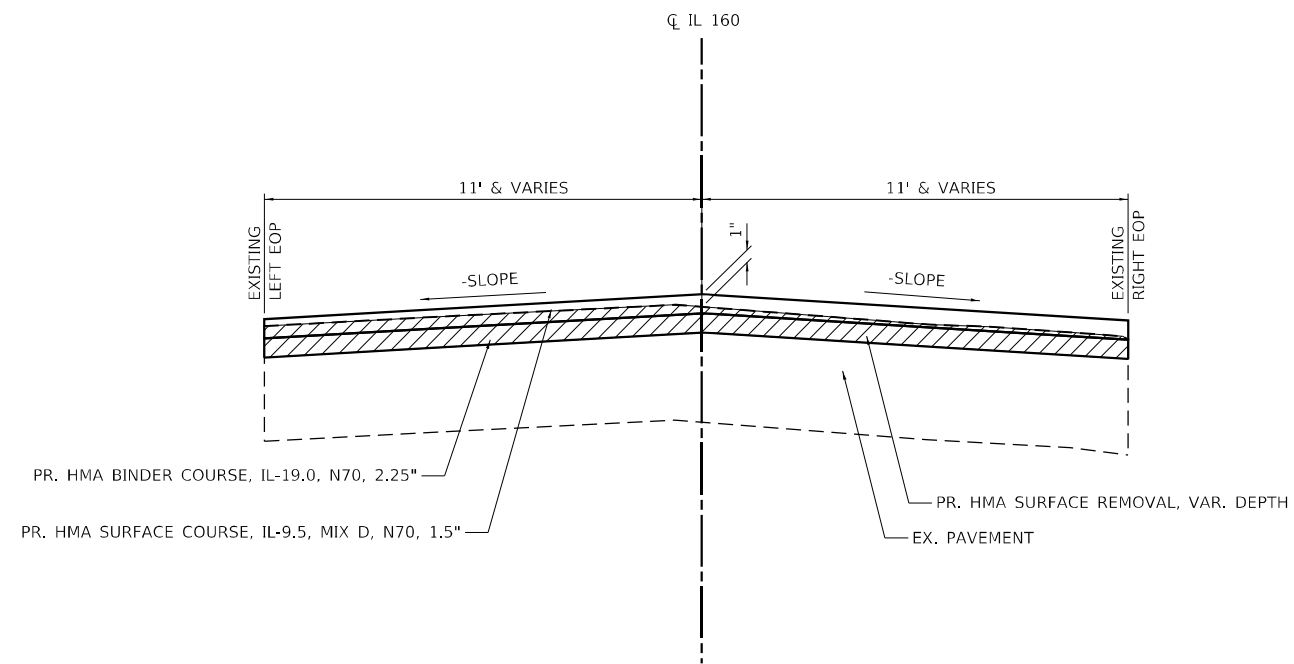
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 160 HMA SURFACE REMOVAL
AND HMA RESURFACING DETAIL**

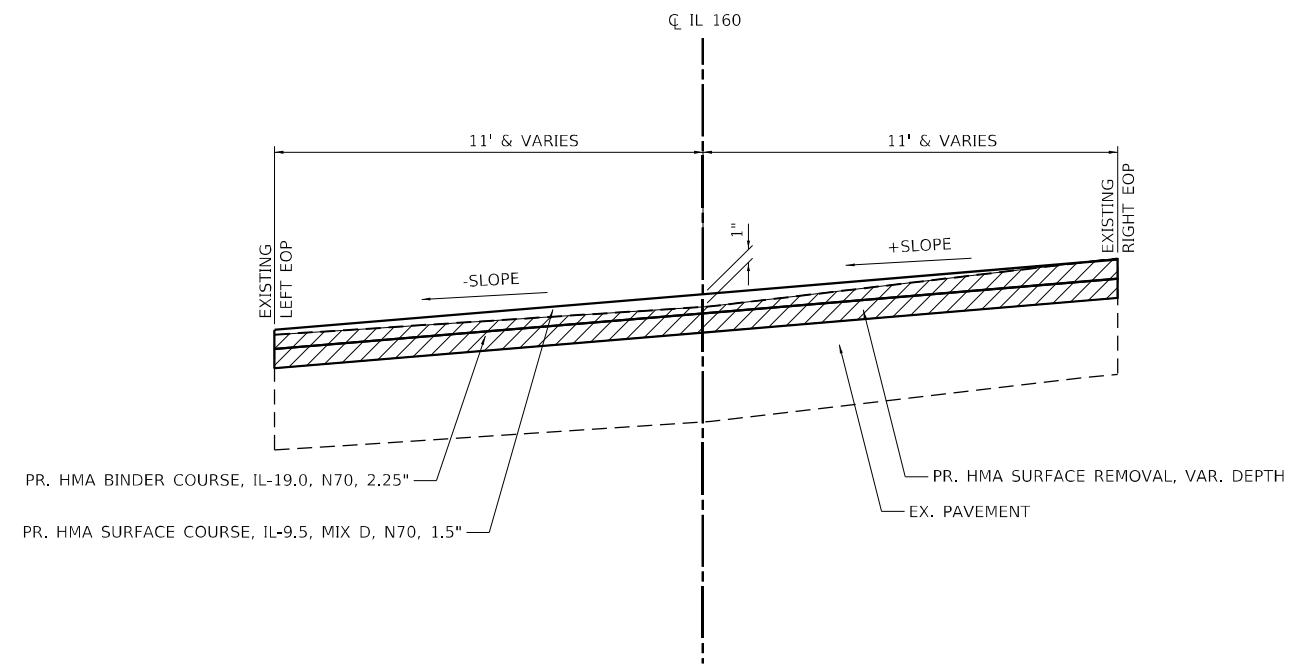
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	76
CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				



**IL 160 HMA SURFACE REMOVAL
AND HMA RESURFACING DETAIL**

(NORMAL CROWN)



**IL 160 HMA SURFACE REMOVAL
AND HMA RESURFACING DETAIL**

(SUPER ELEVATION)

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184-001220

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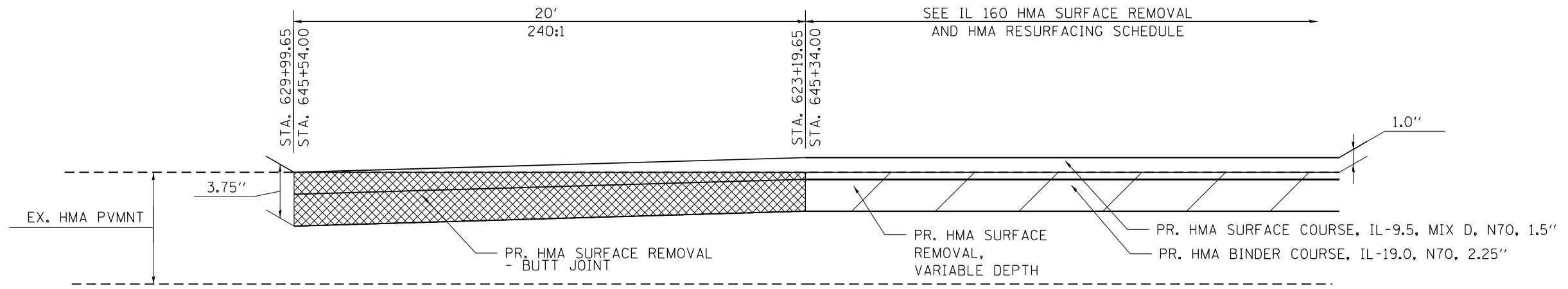
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 160 HMA SURFACE REMOVAL
AND HMA RESURFACING DETAIL**

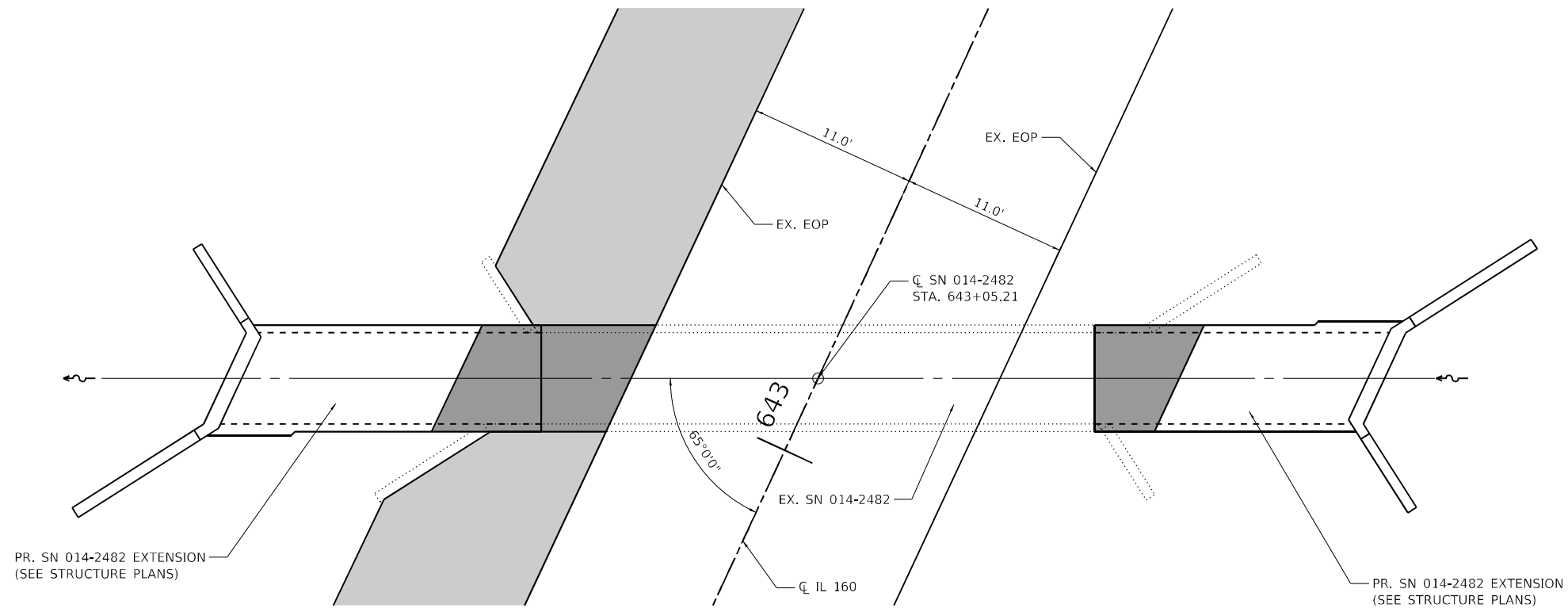
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F.A.P. RTE. 690	SECTION 481W-1	COUNTY CLINTON	TOTAL SHEETS 100	SHEET NO. 77
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76N47	

SCALE
N.T.S.



BUTT JOINT DETAIL
STA. 629 + 99.65 TO STA. 645 + 54.00



NOTES:

- IT IS ANTICIPATED THAT THE EXISTING WINGWALLS WILL PROTRUDE ABOVE THE BOTTOM SURFACE OF THE PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A.
- ON BOTH SIDES OF SN 014-2482, THE DEPTH OF THE PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 12" IS LESS THAN 12" AND VARIES IN HEIGHT OVER THE CULVERT. THIS WORK SHALL BE INCLUDED IN THE COST PER SQUARE YARD FOR SUBBASE GRANULAR MATERIAL, TYPE A 12".

SUBBASE GRANULAR MATERIAL, TYPE A 12"
DETAIL AT SN 014-2482

LEGEND

- PR SUBBASE GRANULAR MATERIAL, TYPE A (SEE NOTE 1)
- PR SUBBASE GRANULAR MATERIAL, TYPE A, 12" (SEE NOTE 2)



SCALE: NTS

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PLOT DATE = 11/16/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

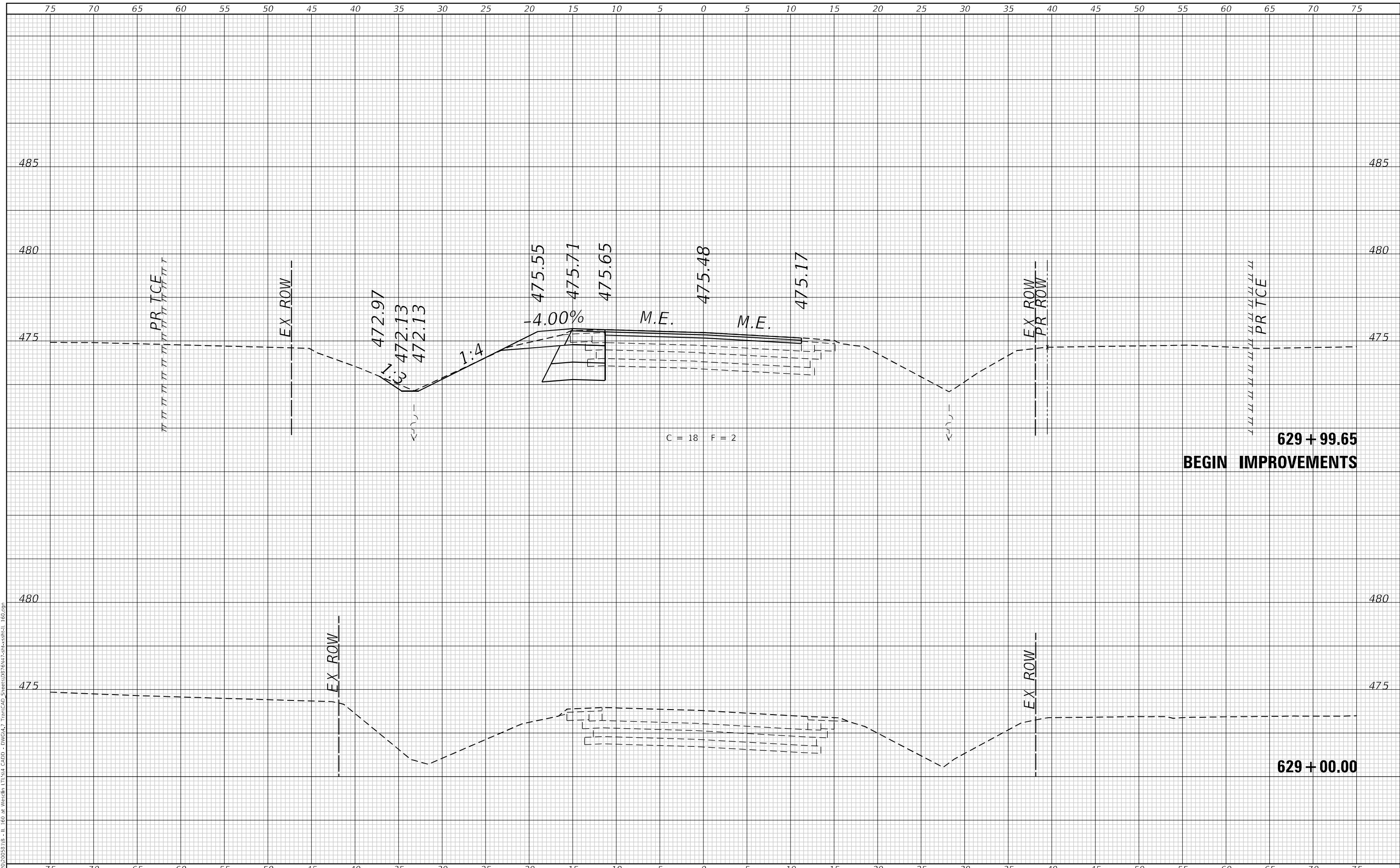
MISCELLANEOUS DETAILS			
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F.A.P. RTE. 690	SECTION 481W-1	COUNTY CLINTON	TOTAL SHEETS 100	SHEET NO. 78
CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	

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	DRAWN -	REVISED -
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PLOT DATE = 11/16/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

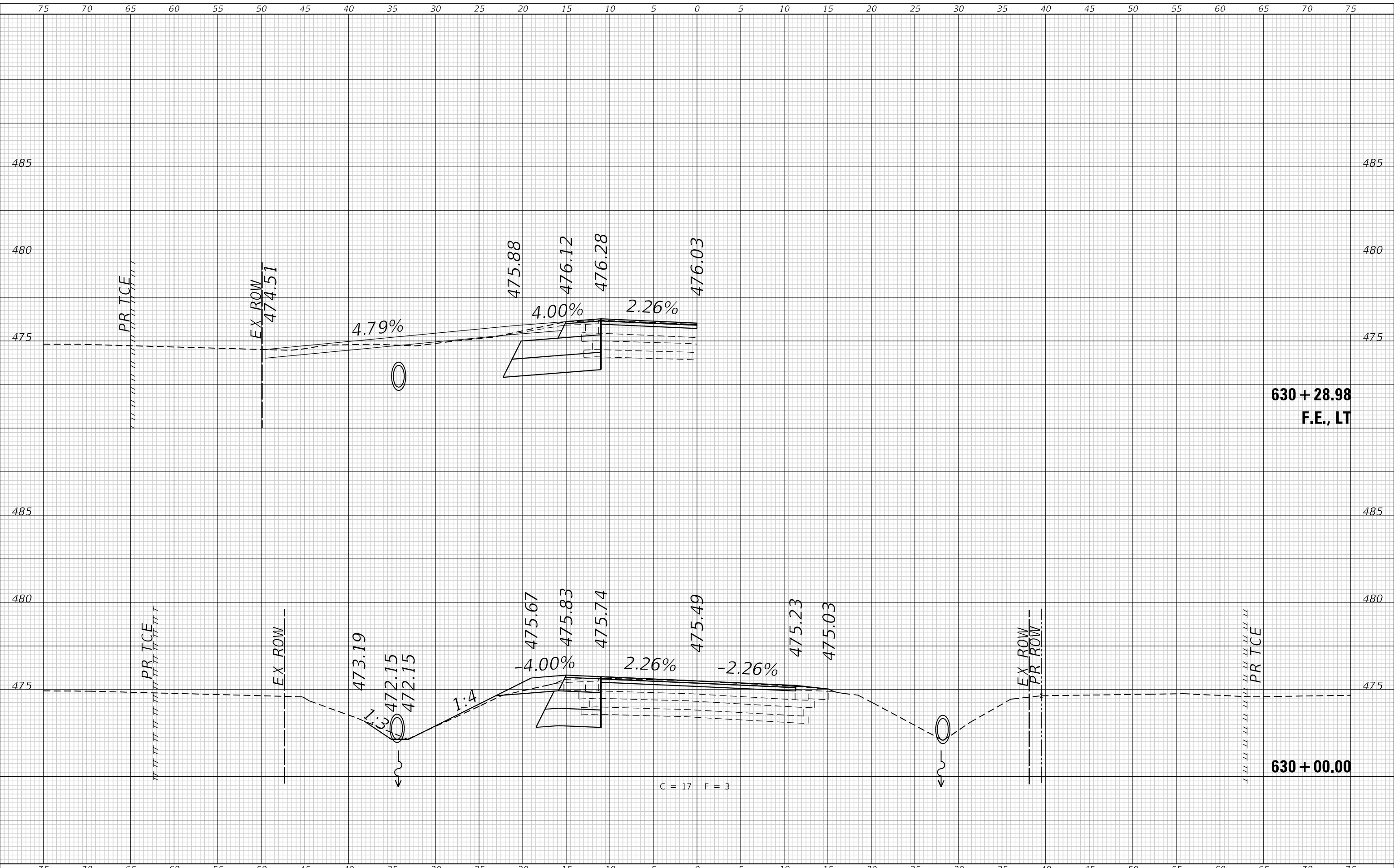
CROSS SECTIONS IL 160			
SCALE: 1"=5'	SHEET 1	OF 16 SHEETS	STA. 629+00.00 TO STA. 629+99.65

F.A.P. RTE. 690	SECTION 481W-1	COUNTY CLINTON	TOTAL SHEETS 100	SHEET NO. 79
			CONTRACT NO. 76N47	
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: Defnair
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	DRAWN -	REVISED -
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PLOT DATE = 11/16/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

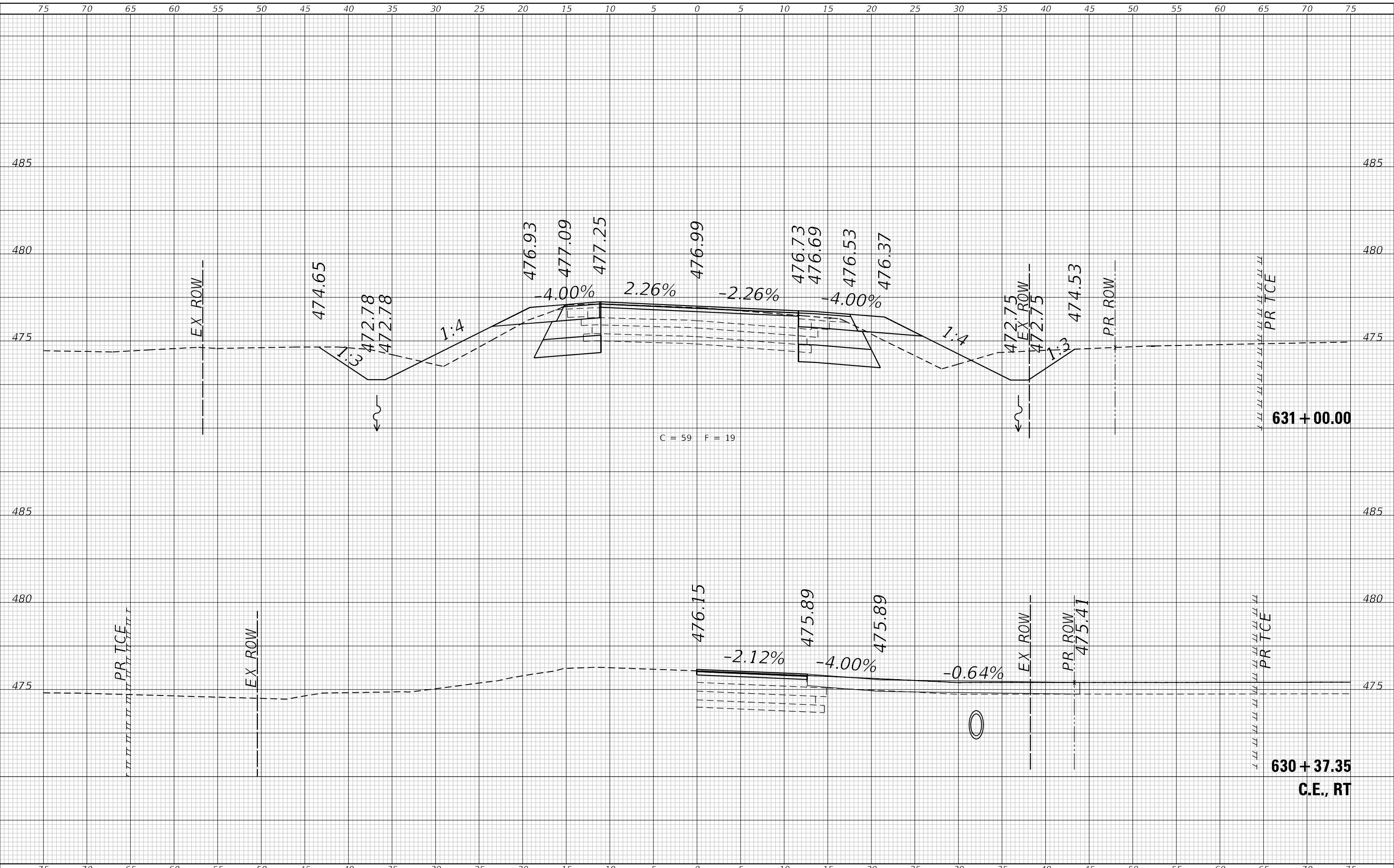
CROSS SECTIONS IL 160	
SCALE: 1"=5'	SHEET 2 OF 16 SHEETS
STA. 630+00.00	TO STA. 630+28.98

F.A.P. RTE. 690	SECTION 481W-1	COUNTY CLINTON	TOTAL SHEETS 100	SHEET NO. 80
			CONTRACT NO. 76N47	
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: Defnair
 FILE NAME: P:\2022\2025S11B - IL 160 at Westlin LIT's4 CAD - DWG\47 Top\CAD_Sheets\02\8\17-zh-cs-sh-11_160.dgn



TWM
 ENGINEERING
 GEOSPATIAL SERVICES

TWM, INC.
 WWW.TWM-INC.COM
 IL DESIGN FIRM
 LICENSE NO:
 184-001220

USER NAME = dllee	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 11/16/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

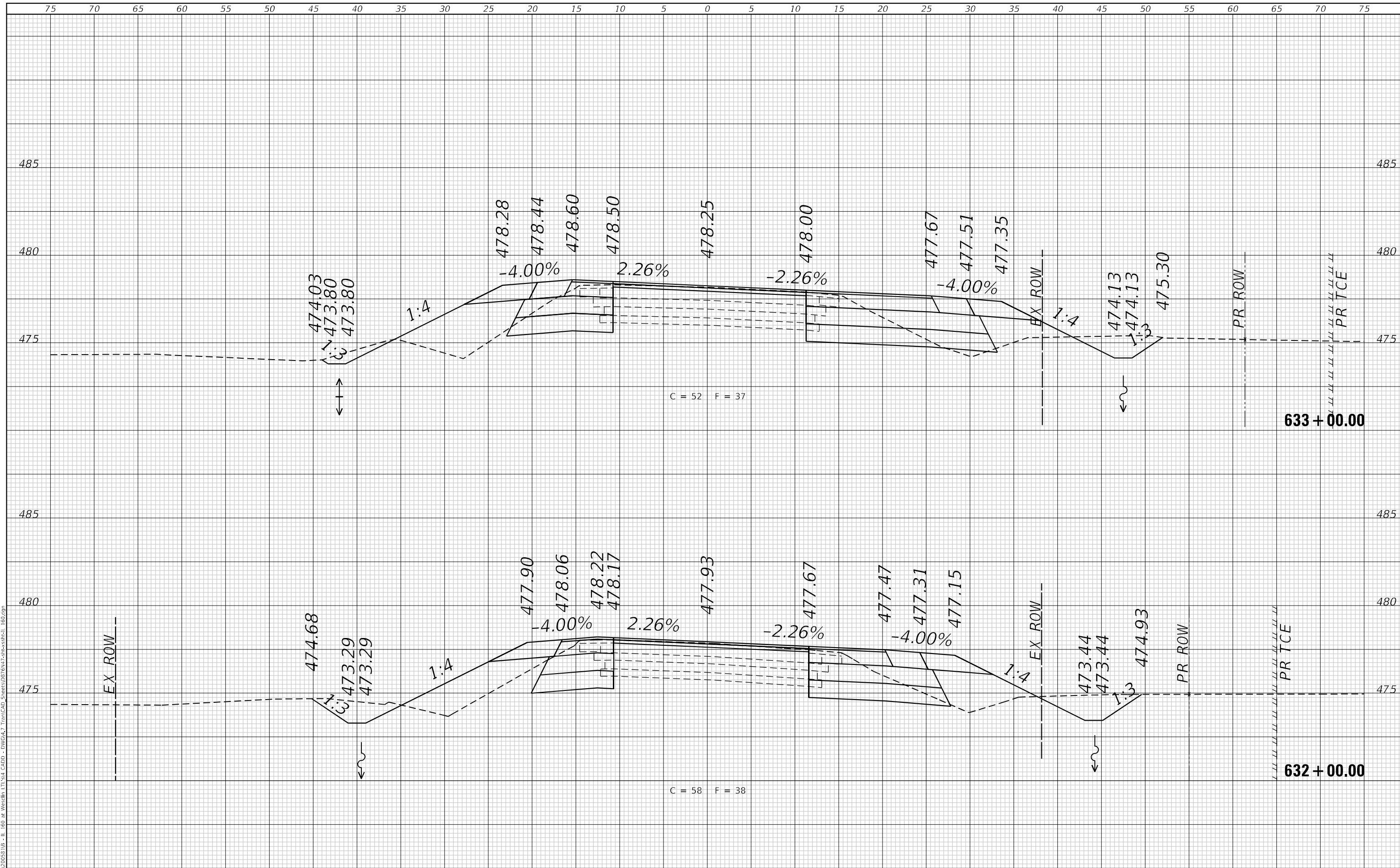
CROSS SECTIONS			
IL 160			
SCALE: 1"=5'	SHEET 3	OF 16 SHEETS	STA. 630+37.35 TO STA. 631+00.00

F.A.P. RTE. 690	SECTION 481W-1	COUNTY CLINTON	TOTAL SHEETS 100	SHEET NO. 81
CONTRACT NO. 76N47				ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
AREAS CHECKED	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
AREAS CHECKED	AREAS CHECKED	

MODEL: Defnair
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 IL DESIGN FIRM
 LICENSE NO:
 184-001220

USER NAME = dllee	DESIGNED -	REVISD -
	DRAWN -	REVISD -
PLOT SCALE = 10,0000' / in.	CHECKED -	REVISD -
PLOT DATE = 11/16/2023	DATE -	REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

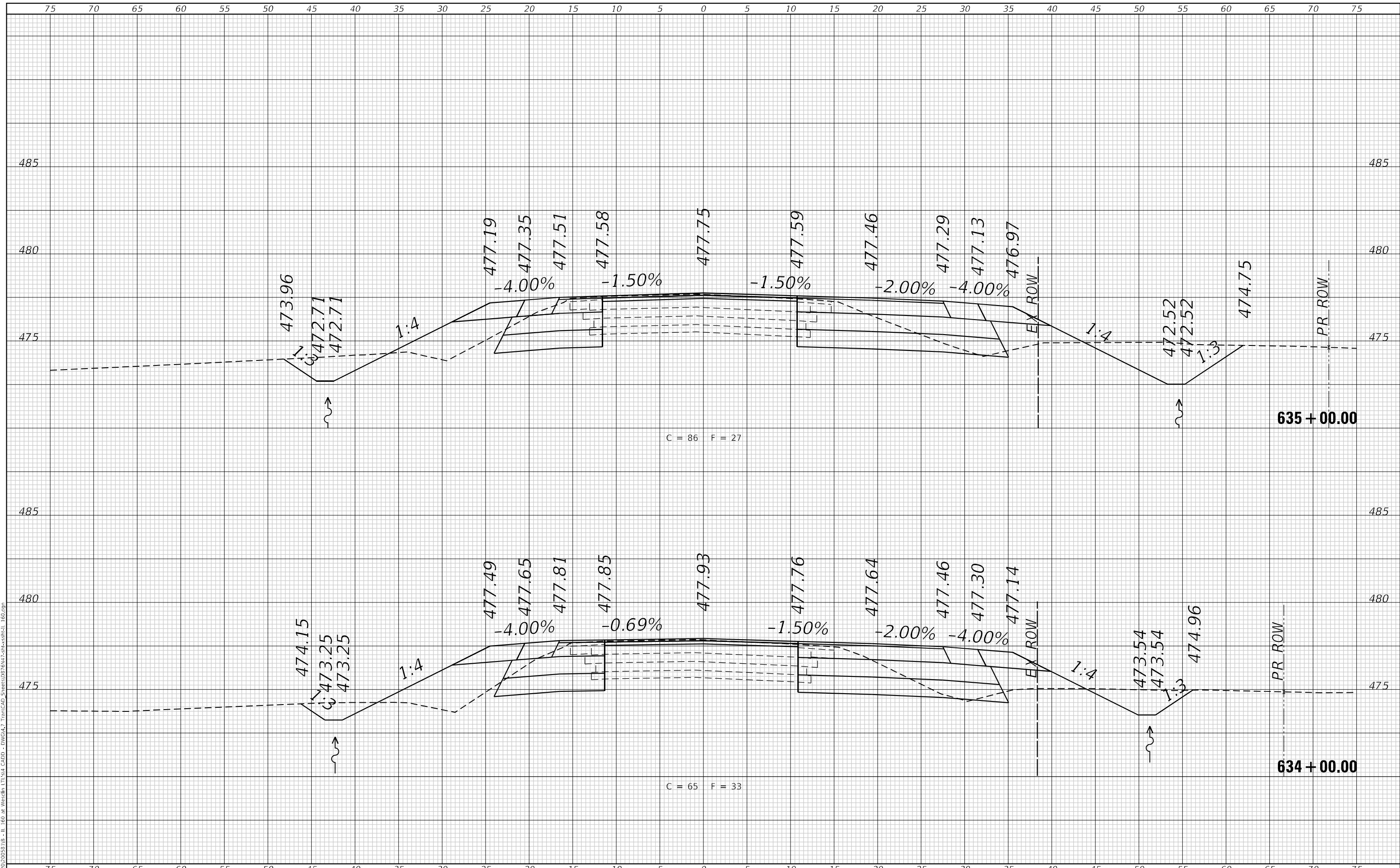
CROSS SECTIONS IL 160			
SCALE: 1"=5'	SHEET 4	OF 16 SHEETS	STA. 632+00.00 TO STA. 633+00.00

F.A.P. RTE. 690	SECTION 481W-1	COUNTY CLINTON	TOTAL SHEETS 100	SHEET NO. 82
CONTRACT NO. 76N47				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
AREAS CHECKED	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
AREAS CHECKED	AREAS CHECKED	

MODEL: Defnair
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TWM, INC.
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IL DESIGN FIRM
 LICENSE NO:
 184-001220

USER NAME = dllee	DESIGNED -	REVISD -
	DRAWN -	REVISD -
PLOT SCALE = 10,0000 */ in.	CHECKED -	REVISD -
PLOT DATE = 11/16/2023	DATE -	REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

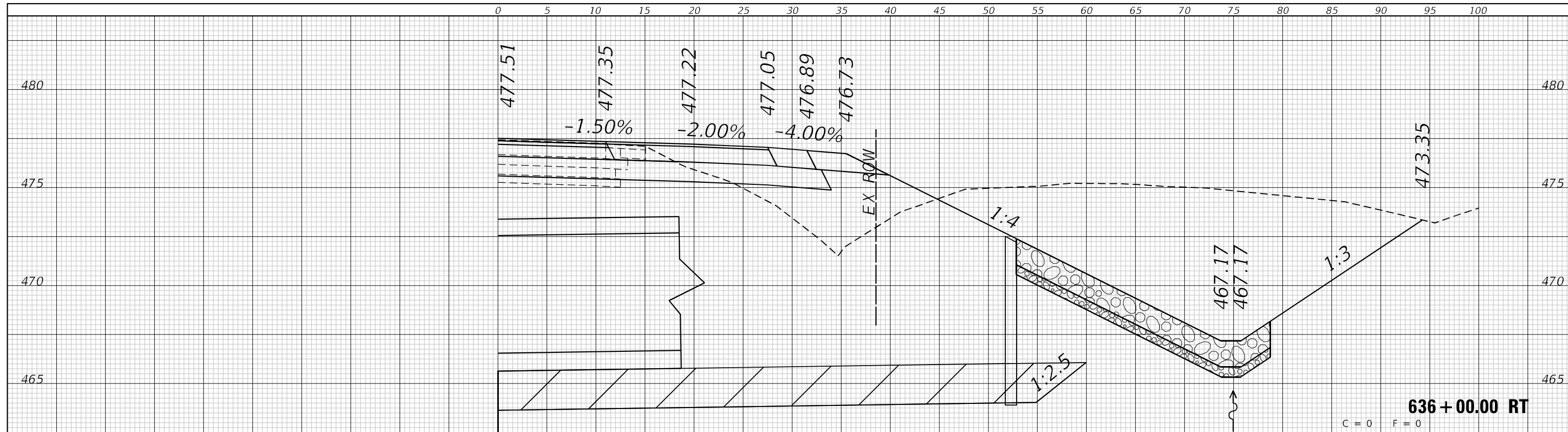
CROSS SECTIONS IL 160			
SCALE: 1"=5'	SHEET 5	OF 16 SHEETS	STA. 634+00.00 TO STA. 635+00.00

F.A.P. RTE. 690	SECTION 481W-1	COUNTY CLINTON	TOTAL SHEETS 100	SHEET NO. 83
CONTRACT NO. 76N47				ILLINOIS FED. AID PROJECT

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	

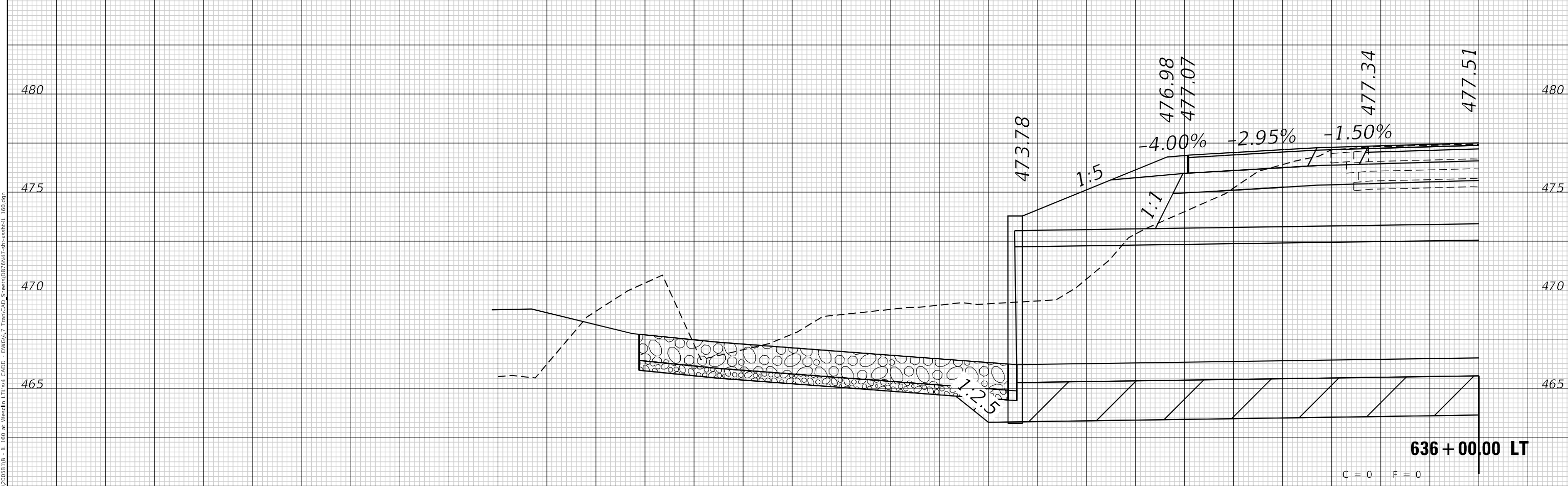
0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100



 PR. REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
 PR. ROCK FILL-REPLACEMENT

100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0

100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0



C = 0 F = 0

100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0

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 IL DESIGN FIRM
 LICENSE NO. 184-001220

USER NAME = dllee
DESIGNED -
DRAWN -
CHECKED -
DATE -
PLOT SCALE = 10,0000 * / in.
PLOT DATE = 11/16/2023

REVISD -
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REVISD -
REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
IL 160

SCALE: 1"=5' SHEET 6 OF 16 SHEETS STA. 636+00.00 TO STA.

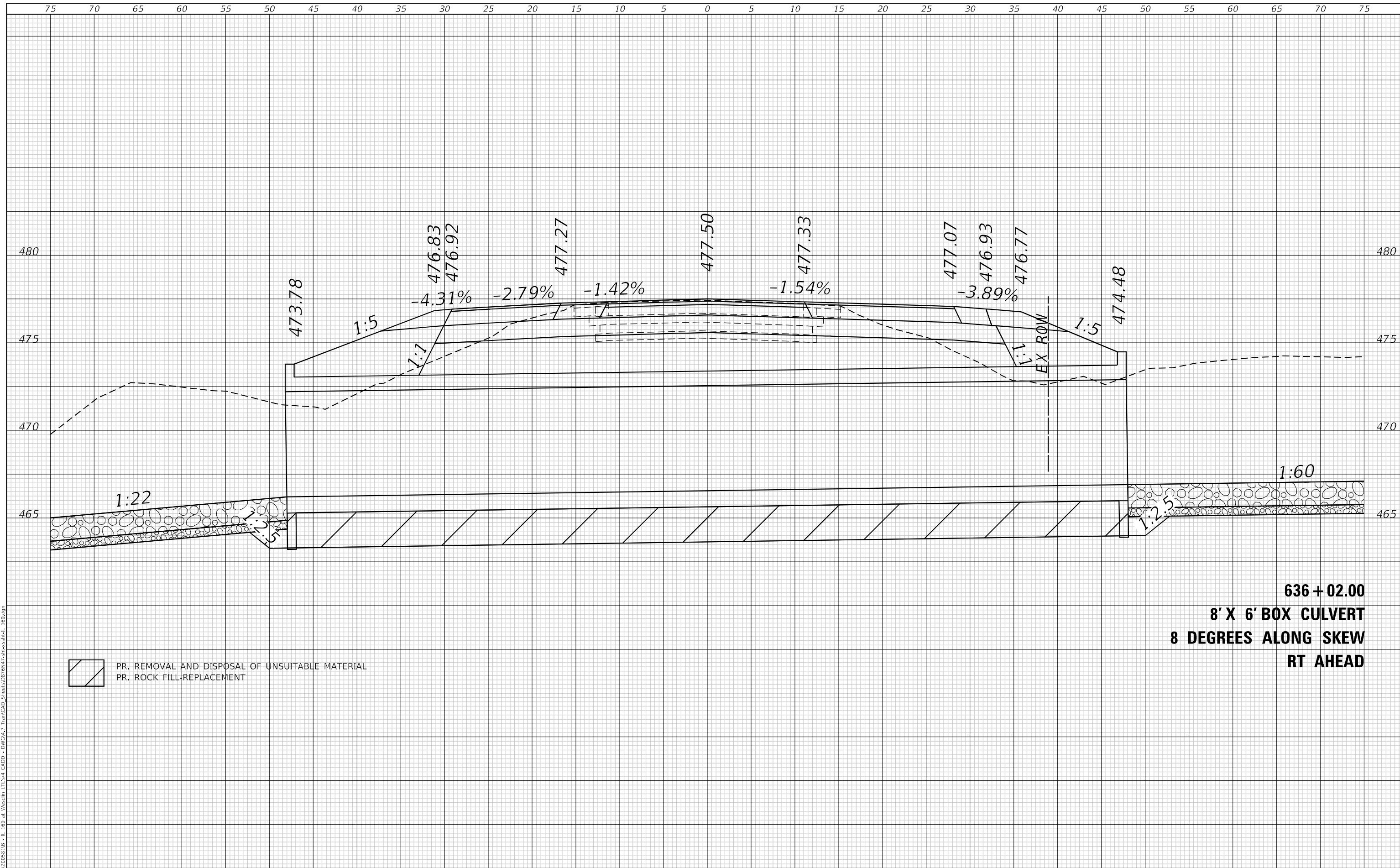
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CONTRACT NO. 76N47			ILLINOIS FED. AID PROJECT	

MODEL: Defnair
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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: Defnair
 FILE NAME: P:\2022\2025\B118 - IL 160 at Westlin - IL 160 at Westlin - DWG\A7 - Tm\CAD_Sheets\081817-2-18-23\ssht-11_160.dgn



PR. REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
 PR. ROCK FILL-REPLACEMENT

**636 + 02.00
 8' X 6' BOX CULVERT
 8 DEGREES ALONG SKEW
 RT AHEAD**



USER NAME = dlcc
 DESIGNED -
 DRAWN -
 CHECKED -
 DATE -
 PLOT SCALE = 10,0000 * / in.
 PLOT DATE = 11/16/2023

REVISÉ -
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 REVISÉ -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 IL 160**

SCALE: 1"=5' SHEET 7 OF 16 SHEETS STA. 636+02.00 TO STA.

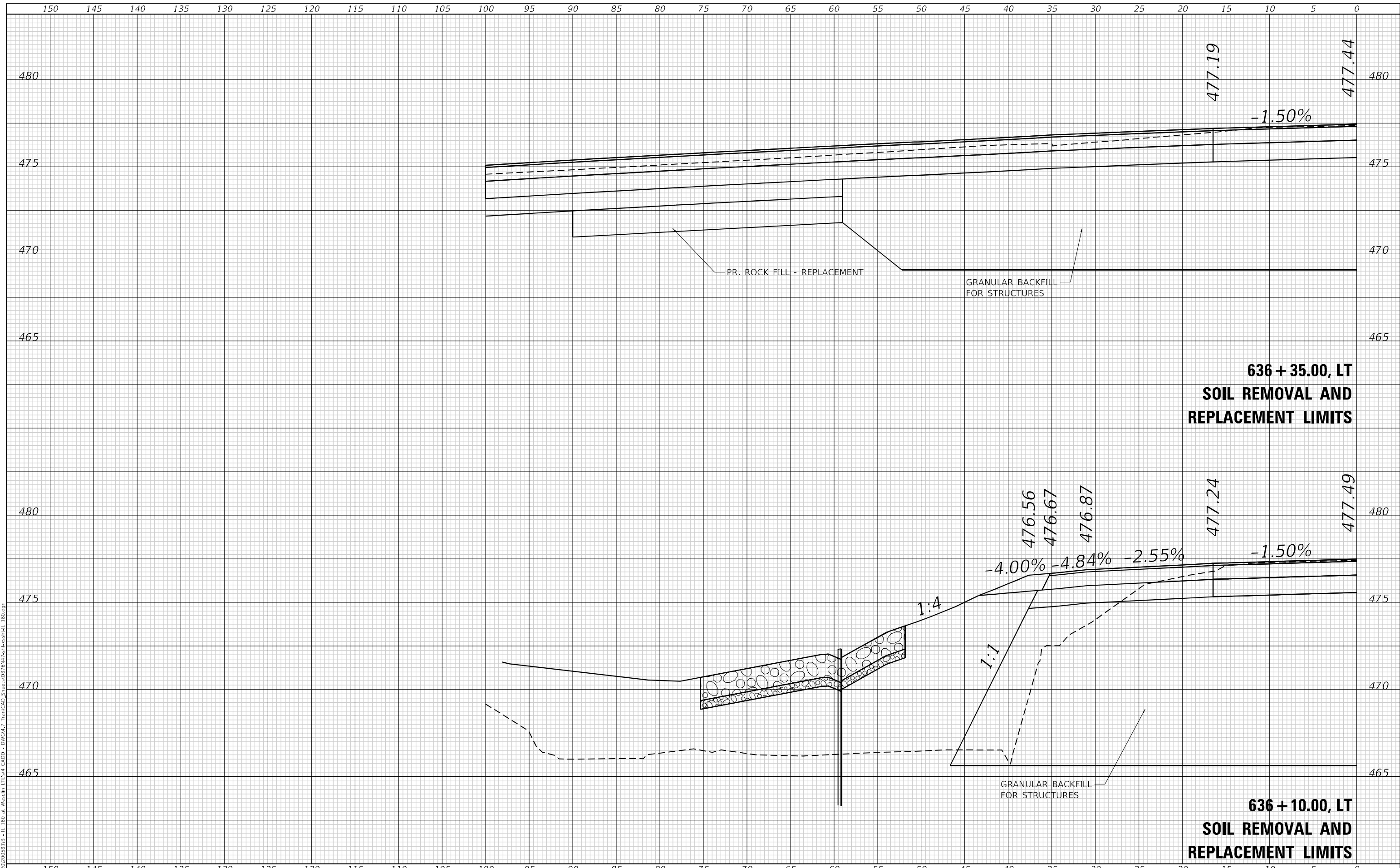
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	85
				CONTRACT NO. 76N47

ILLINOIS FED. AID PROJECT

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	

MODEL: Defnair
 FILE NAME: P:\2022\2025\118 - IL 160 at Westfield, IL 160.dgn
 PLOT DATE = 11/16/2023



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 LICENSE NO: 184-001220

USER NAME = dlcc	DESIGNED -	REVISD -
	DRAWN -	REVISD -
PLOT SCALE = 10,0000 * / in.	CHECKED -	REVISD -
PLOT DATE = 11/16/2023	DATE -	REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

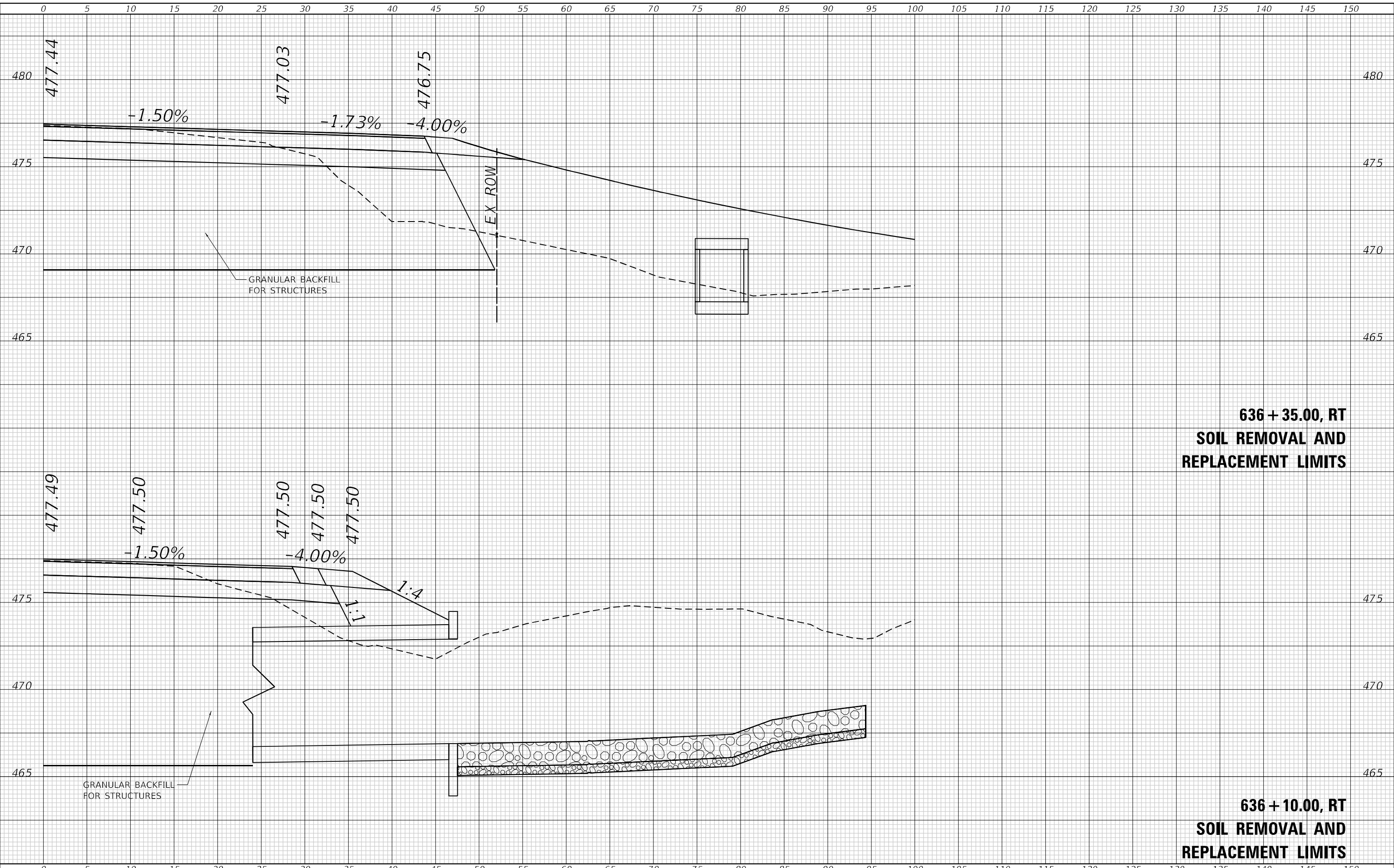
CROSS SECTIONS IL 160			
SCALE: 1"=5'	SHEET 8	OF 16 SHEETS	STA. 636+10.00 TO STA. 636+35.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	86
				CONTRACT NO. 76N47
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: Defnair
 FILE NAME: P:\2022\2025S11B - IL 160 at Westch. I1160.dgn
 DWG: 17 TopCAD_Sheets\02\8\17-2-2025\SS11-IL 160.dgn



**636 + 35.00, RT
 SOIL REMOVAL AND
 REPLACEMENT LIMITS**

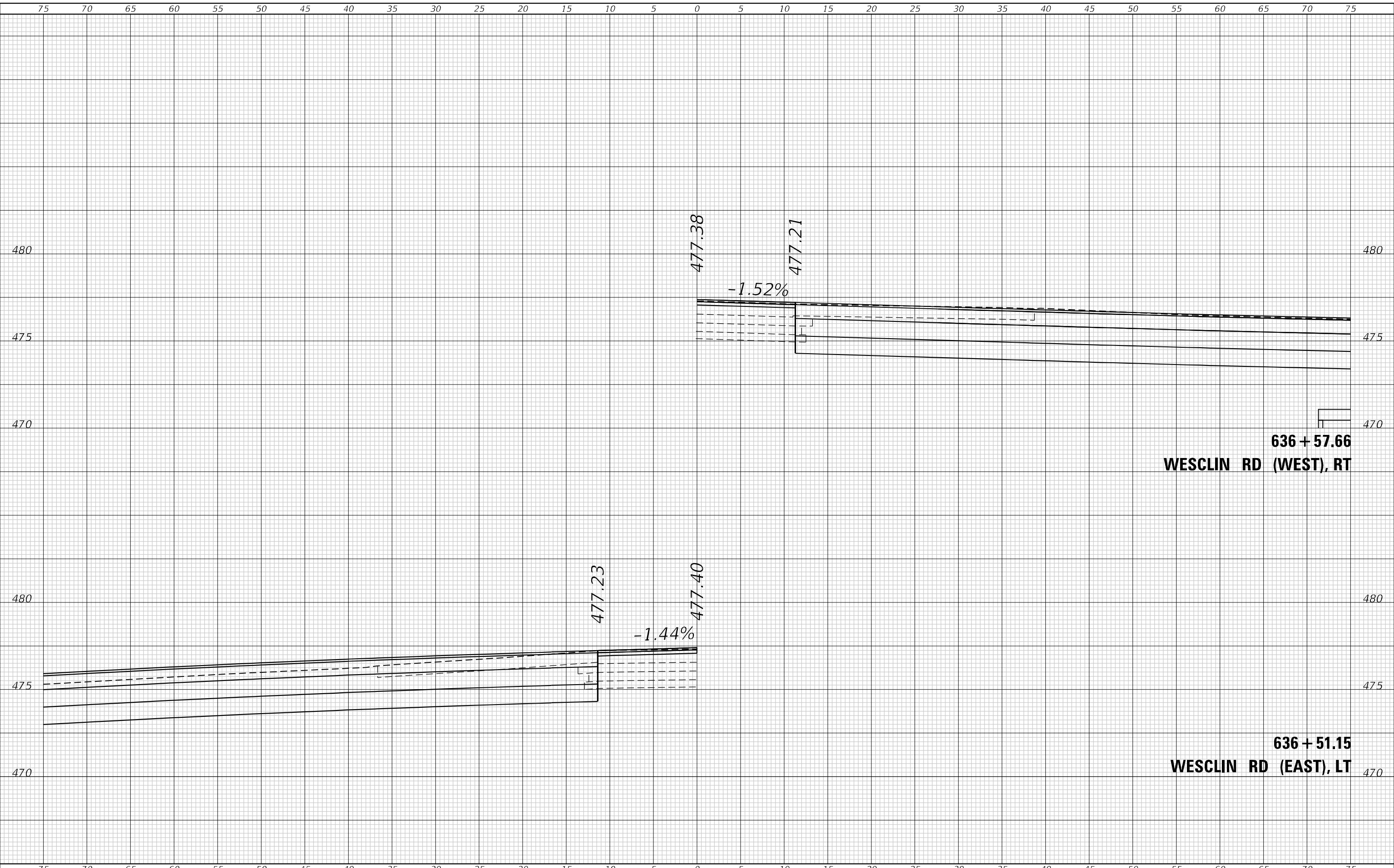
**636 + 10.00, RT
 SOIL REMOVAL AND
 REPLACEMENT LIMITS**

	USER NAME = dlcc DESIGNED - DRAWN - CHECKED - DATE -	REVISIONS REVISION NO. DATE DESCRIPTION 1 11/16/2023 2 3 4 5	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS IL 160		F.A.P. RTE. 690 SECTION 481W-1 COUNTY CLINTON CONTRACT NO. 76N47	TOTAL SHEETS 100 SHEET NO. 87
	PLOT SCALE = 10,0000 * 1/ in. PLOT DATE = 11/16/2023	SCALE: SHEET 9 OF 16 SHEETS STA. 636+10.00 TO STA. 636+35.00		ILLINOIS FED. AID PROJECT			

FINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		

MODEL: Defnair
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 IL DESIGN FIRM LICENSE NO: 184-001220

USER NAME = dlce	DESIGNED -	REVISED -
PLOT SCALE = 10,0000 * / in.	DRAWN -	REVISED -
PLOT DATE = 11/16/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

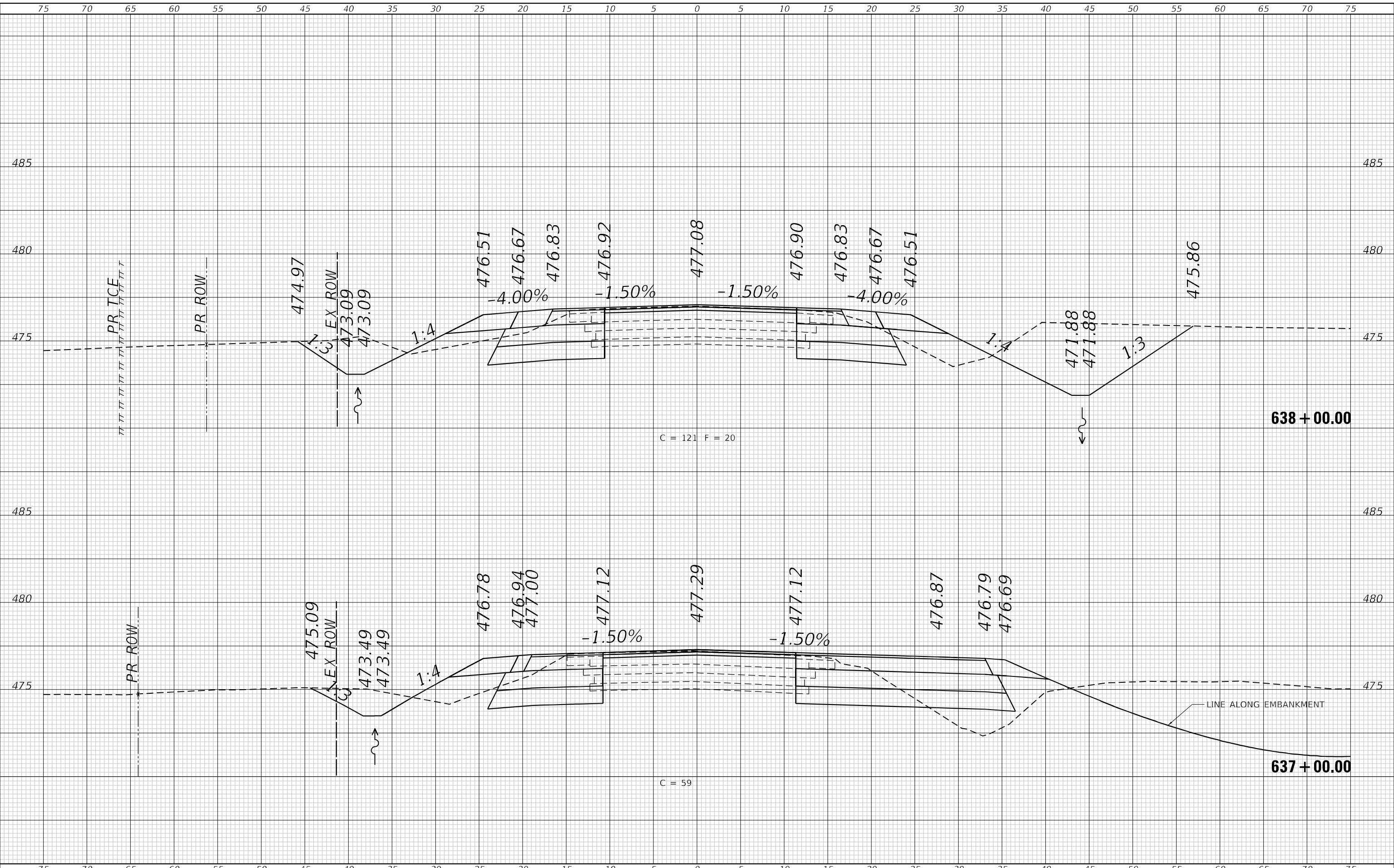
CROSS SECTIONS			
IL 160			
SCALE: 1"=5'	SHEET 10	OF 16 SHEETS	STA. 636+51.15 TO STA. 636+57.66

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	88
				CONTRACT NO. 76N47
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
AREAS CHECKED	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
AREAS CHECKED	AREAS CHECKED	

MODEL: Defnair
 FILE NAME: P:\2022\2025S11B - IL 160 at Westlin - ITR\14 CAD - DWG\17 Top\CAD_Sheets\08\817-2-16-23-SS11-IL 160.dgn



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 LICENSE NO:
 184-001220

USER NAME = dllee	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 11/16/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

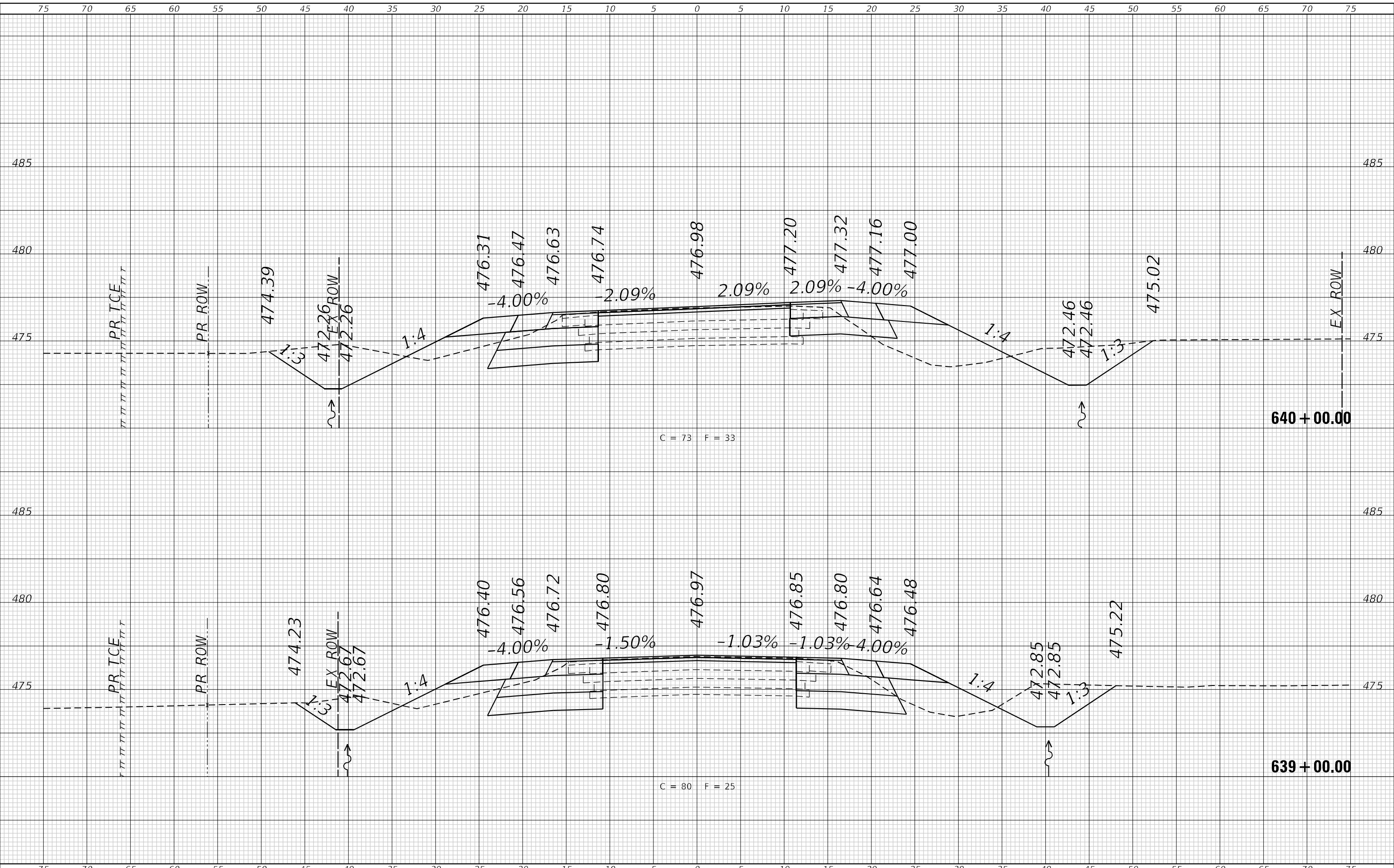
CROSS SECTIONS			
IL 160			
SCALE: 1"=5'	SHEET 11	OF 16 SHEETS	STA. 637+00.00 TO STA. 638+00.00

F.A.P. RTE. 690	SECTION 481W-1	COUNTY CLINTON	TOTAL SHEETS 100	SHEET NO. 89
CONTRACT NO. 76N47				ILLINOIS FED. AID PROJECT

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
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	AREAS CHECKED		

MODEL: Defnair
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 IL DESIGN FIRM
 LICENSE NO:
 184-001220

USER NAME = dllee	DESIGNED -	REVISD -
	DRAWN -	REVISD -
PLOT SCALE = 10,0000 * / in.	CHECKED -	REVISD -
PLOT DATE = 11/16/2023	DATE -	REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

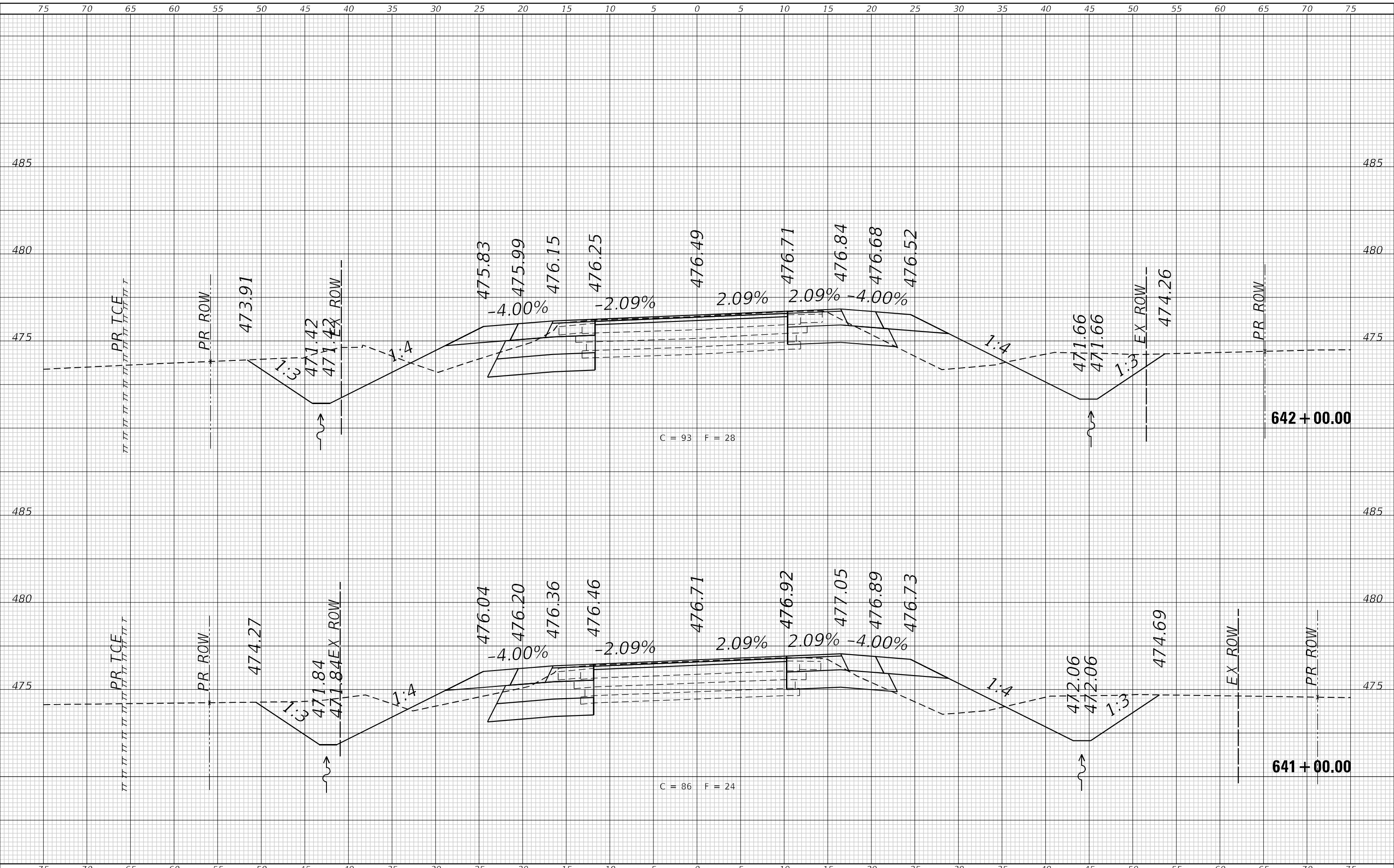
CROSS SECTIONS IL 160			
SCALE: 1"=5'	SHEET 12	OF 16 SHEETS	STA. 639+00.00 TO STA. 640+00.00

F.A.P. RTE. 690	SECTION 481W-1	COUNTY CLINTON	TOTAL SHEETS 100	SHEET NO. 90
			CONTRACT NO. 76N47	
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		
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ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
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 LICENSE NO:
 184-001220

USER NAME = dllee	DESIGNED -	REVISD -
	DRAWN -	REVISD -
PLOT SCALE = 10,0000' / in.	CHECKED -	REVISD -
PLOT DATE = 11/16/2023	DATE -	REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 IL 160**

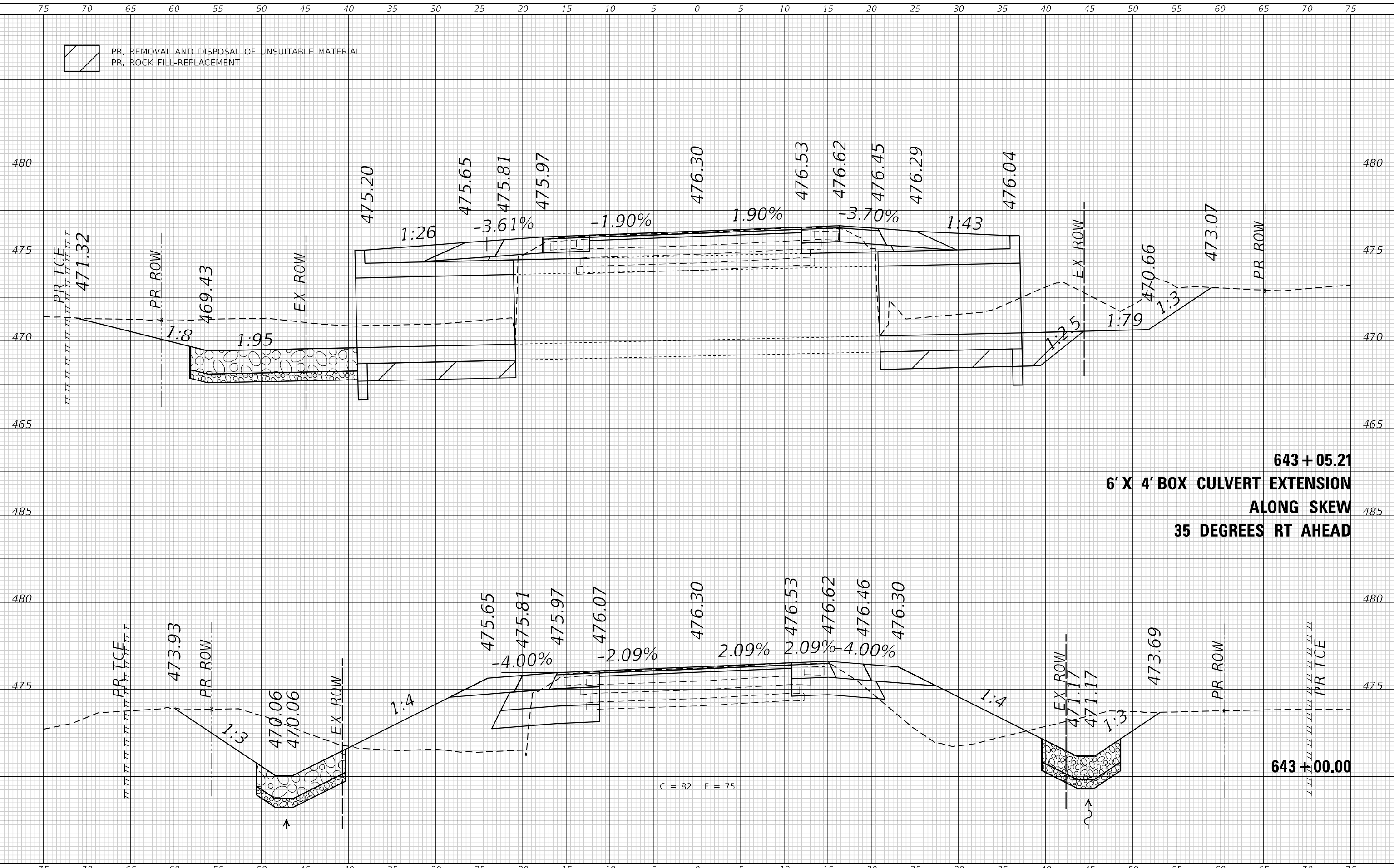
SCALE: 1"=5' SHEET 13 OF 16 SHEETS STA. 641+00.00 TO STA. 642+00.00

F.A.P. RTE. 690	SECTION 481W-1	COUNTY CLINTON	TOTAL SHEETS 100	SHEET NO. 91
			CONTRACT NO. 76N47	
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

MODEL: Defnair
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 USER: dllee



643 + 05.21
6' X 4' BOX CULVERT EXTENSION
ALONG SKEW
35 DEGREES RT AHEAD

643 + 00.00

C = 82 F = 75

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 WWW.TWM-INC.COM
 IL DESIGN FIRM
 LICENSE NO:
 184-001220

USER NAME = dllee
DESIGNED -
DRAWN -
CHECKED -
DATE -
PLOT SCALE = 10,0000' / 1"
PLOT DATE = 11/16/2023

REVISD -
REVISD -
REVISD -
REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
IL 160

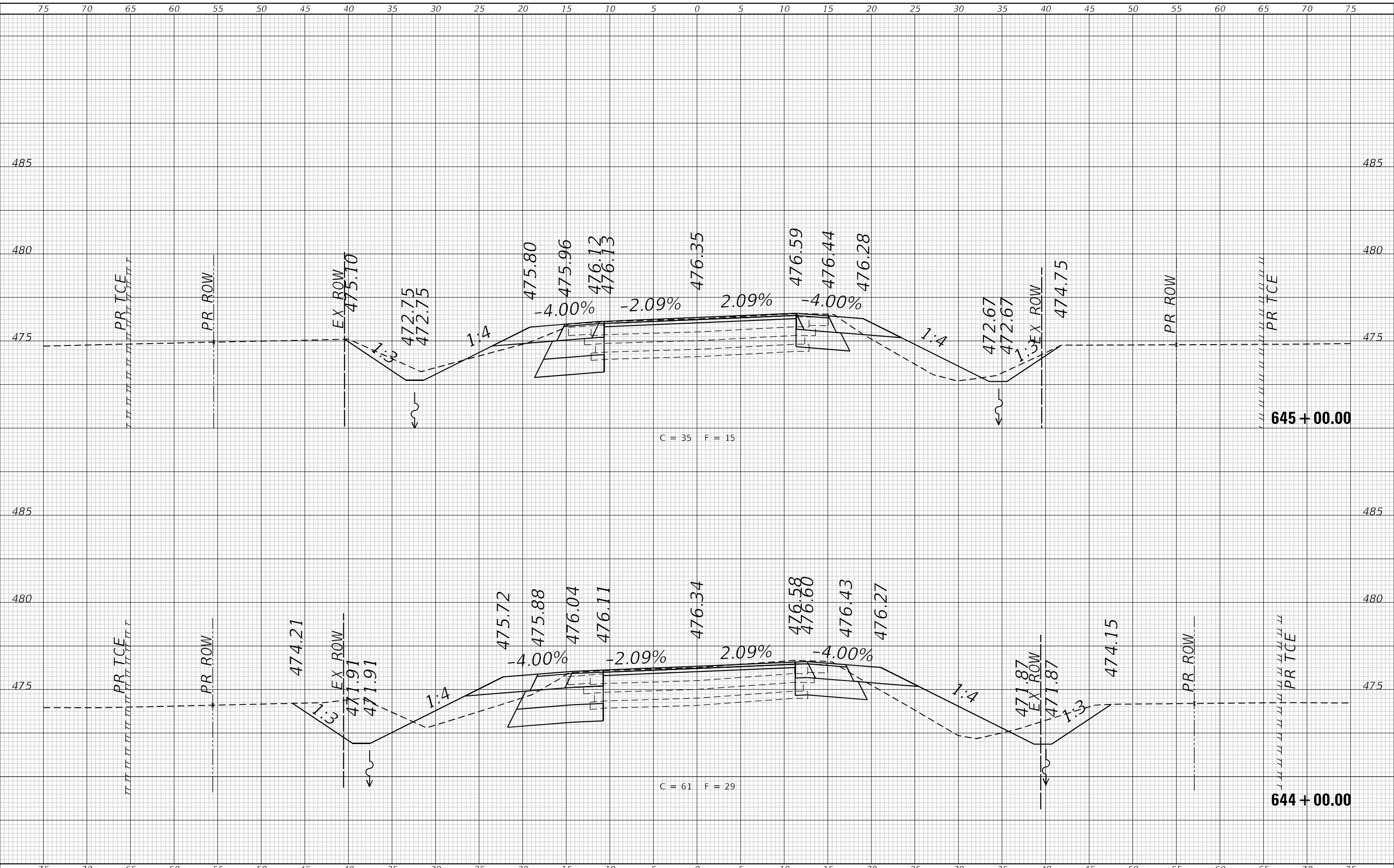
SCALE: 1"=5' SHEET 14 OF 16 SHEETS STA. 643+00.00 TO STA. 643+05.21

F.A.P. RTE. 690	SECTION 481W-1	COUNTY CLINTON	TOTAL SHEETS 100	SHEET NO. 92
CONTRACT NO. 76N47			ILLINOIS FED. AID PROJECT	

FINAL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	

ORIGINAL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	

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USER NAME = dllee	DESIGNED -	REVISD -
	DRAWN -	REVISD -
PLOT SCALE = 10,0000 * / in.	CHECKED -	REVISD -
PLOT DATE = 11/16/2023	DATE -	REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 IL 160**

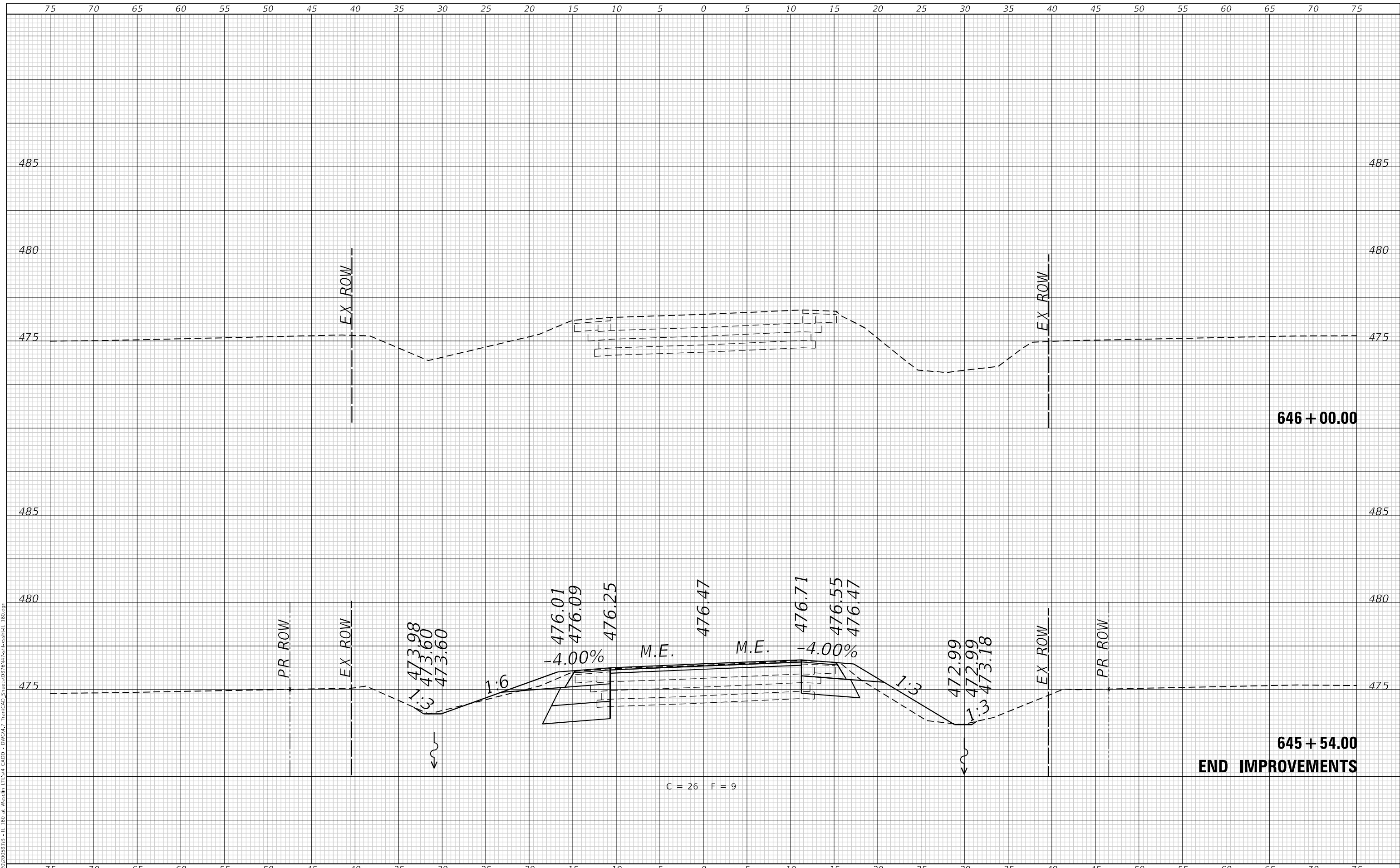
SCALE: 1"=5' SHEET 15 OF 16 SHEETS STA. 644+00.00 TO STA. 645+00.00

F.A.P. RTE. 690	SECTION 481W-1	COUNTY CLINTON	TOTAL SHEETS 100	SHEET NO. 93
CONTRACT NO. 76N47				
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: Defnair
 FILE NAME: P:\2022\2025S11B - IL 160 at Westfield - ILL 160.dwg
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TWM, INC.
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IL DESIGN FIRM
 LICENSE NO: 184-001220

USER NAME = dllee	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10,0000 */ in.	CHECKED -	REVISED -
PLOT DATE = 11/16/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 IL 160**

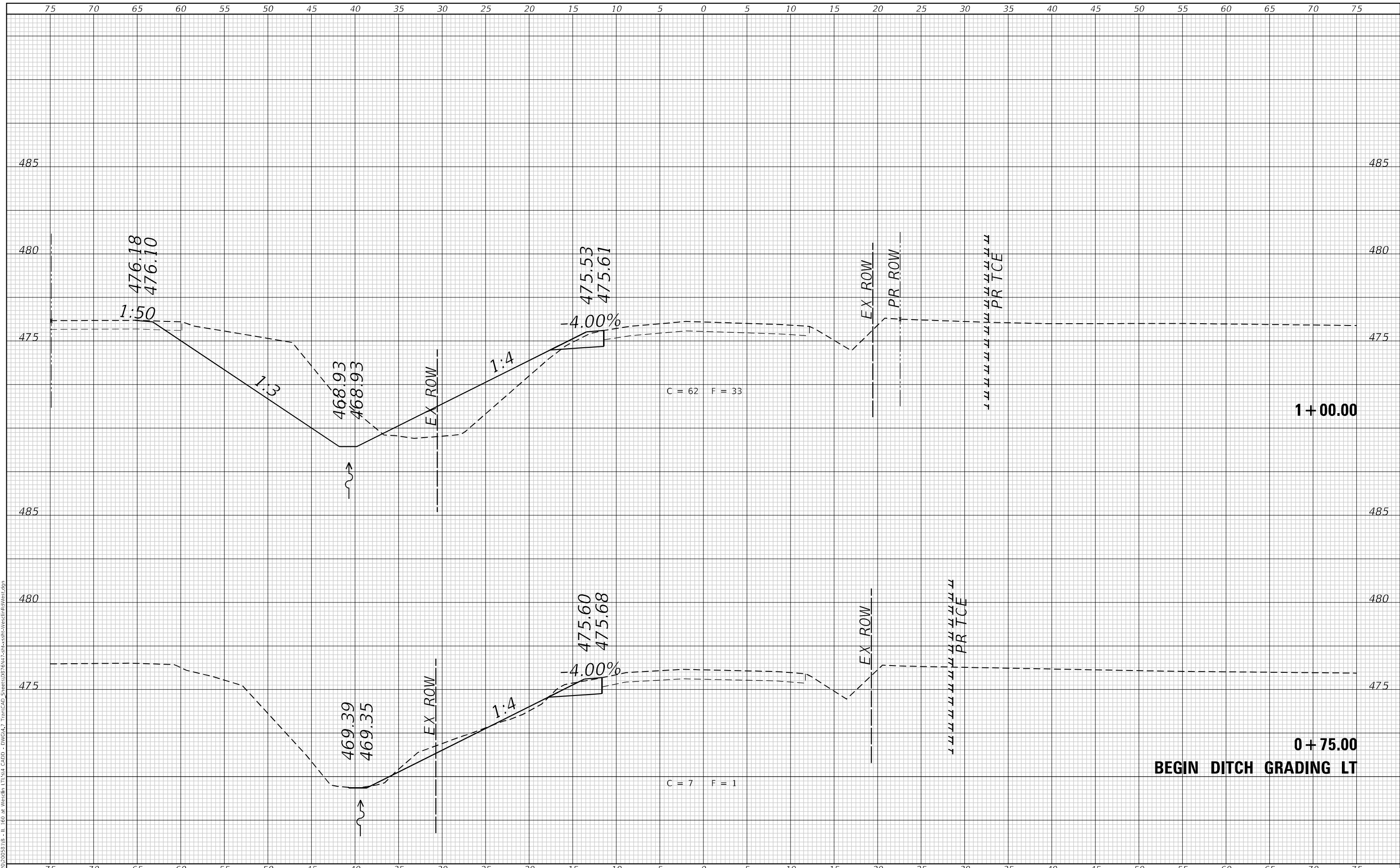
SCALE: 1"=5' SHEET 16 OF 16 SHEETS STA. 645+53.99 TO STA. 646+00.00

F.A.P. RTE. 690	SECTION 481W-1	COUNTY CLINTON	TOTAL SHEETS 100	SHEET NO. 94
			CONTRACT NO. 76N47	
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.dwg
 FILE NAME: P:\2020\20205811B - IL 160 at Westlin LT.dwg
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 IL DESIGN FIRM
 LICENSE NO:
 184-001220

USER NAME = dllee	DESIGNED -	REVISED -
PLOT SCALE = 10,0000 */ in.	DRAWN -	REVISED -
PLOT DATE = 11/16/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 WESTLIN ROAD WEST**

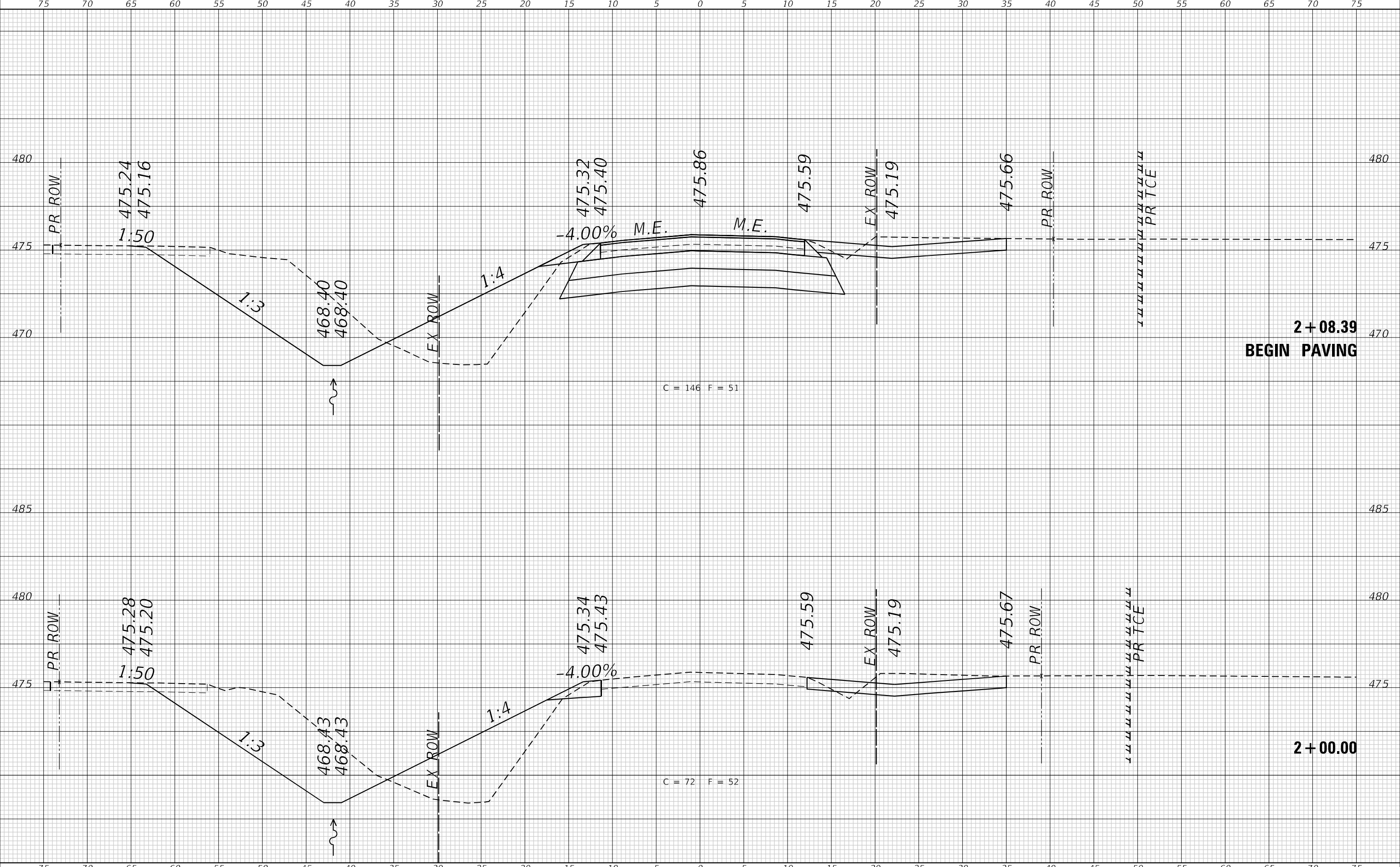
SCALE: 1"=5'
 SHEET 1 OF 4 SHEETS
 STA. +75.00 TO STA. 1+00.00

F.A.P. RTE. 690	SECTION 481W-1	COUNTY CLINTON	TOTAL SHEETS 100	SHEET NO. 95
			CONTRACT NO. 76N47	
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED BY	DATE
NOTE BOOK NO.	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED BY	DATE
NOTE BOOK NO.	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

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 IL DESIGN FIRM LICENSE NO: 184-001220

USER NAME = dlce	DESIGNED -	REVISED -
PLOT SCALE = 10,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/16/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 WESLIN ROAD WEST

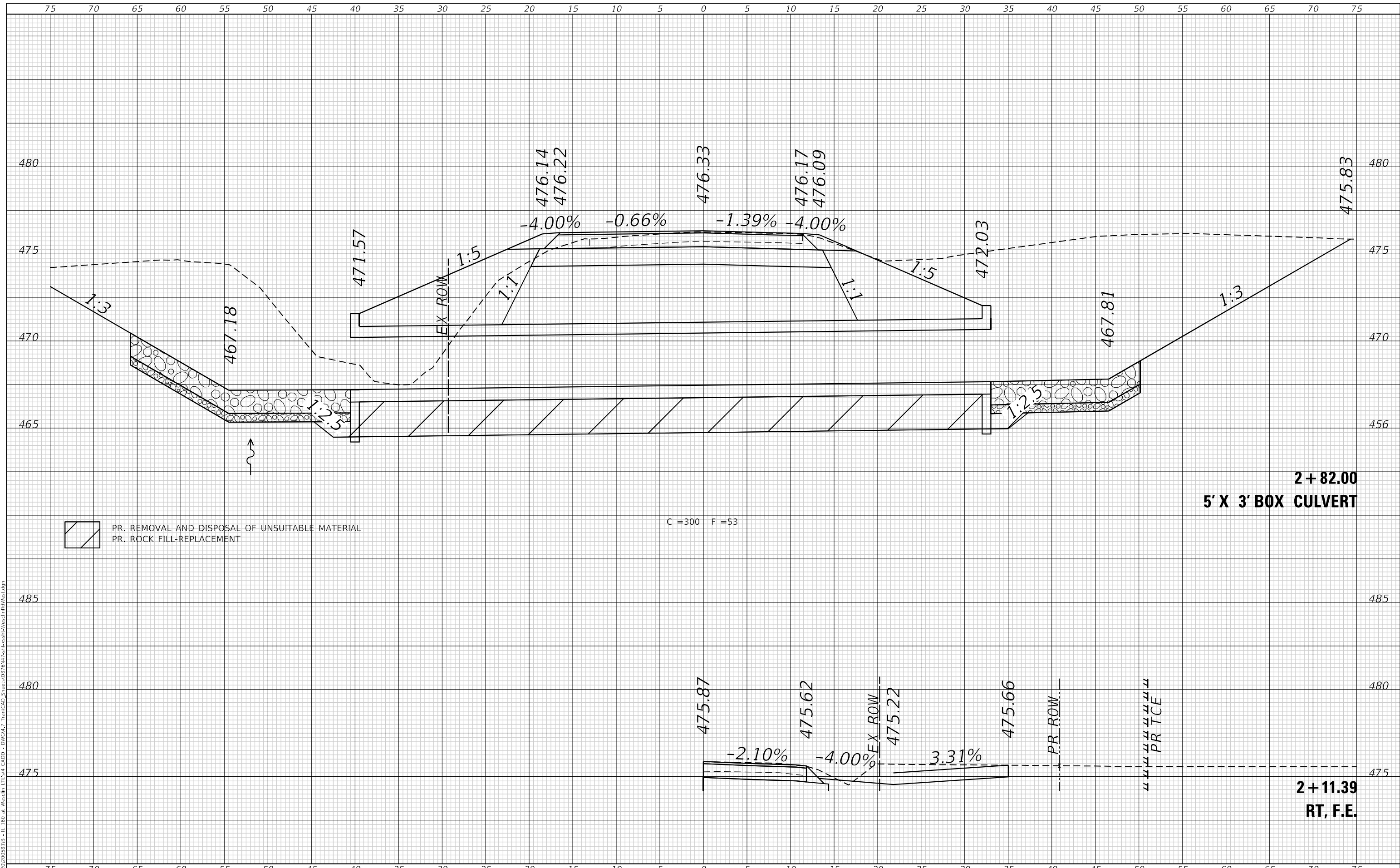
SCALE: 1"=5' SHEET 2 OF 4 SHEETS STA. 2+00.00 TO STA. 2+08.39

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
690	481W-1	CLINTON	100	96
CONTRACT NO. 76N47				
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: Defnair
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 GEOSPATIAL SERVICES

TWM, INC.
 WWW.TWM-INC.COM

IL DESIGN FIRM
 LICENSE NO:
 184-001220

USER NAME = dllee	DESIGNED -	REVISD -
	DRAWN -	REVISD -
PLOT SCALE = 10,0000 * / in.	CHECKED -	REVISD -
PLOT DATE = 11/16/2023	DATE -	REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
WESCLIN ROAD WEST

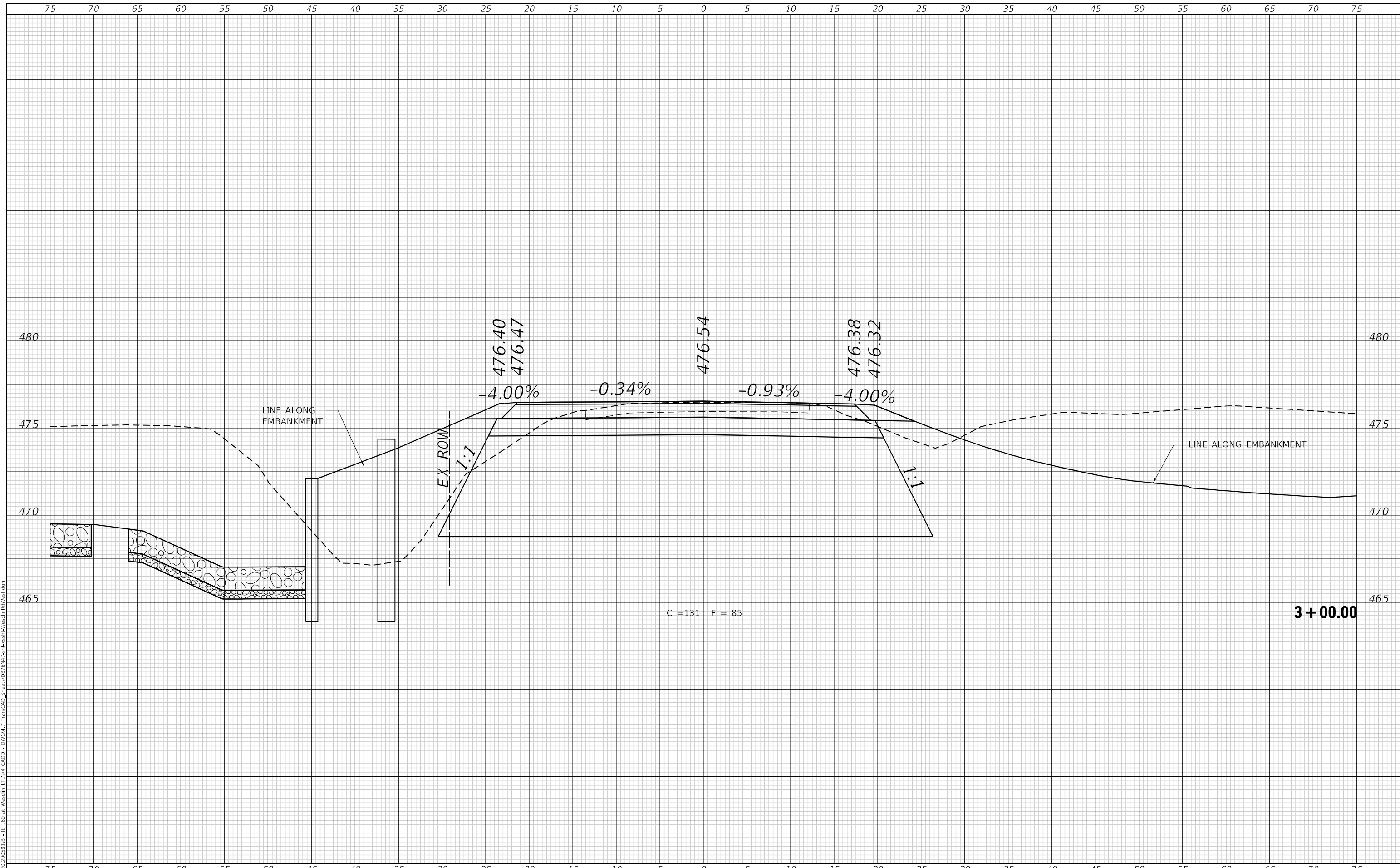
SCALE: 1"=5'
 SHEET 3 OF 4 SHEETS
 STA. 2+11.39 TO STA. 2+82.00

F.A.P. RTE. 690	SECTION 481W-1	COUNTY CLINTON	TOTAL SHEETS 100	SHEET NO. 97
			CONTRACT NO. 76N47	
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	

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 IL DESIGN FIRM LICENSE NO: 184-001220

USER NAME = dlcc	DESIGNED -	REVISED -
PLOT SCALE = 10,0000 * / in.	DRAWN -	REVISED -
PLOT DATE = 11/16/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

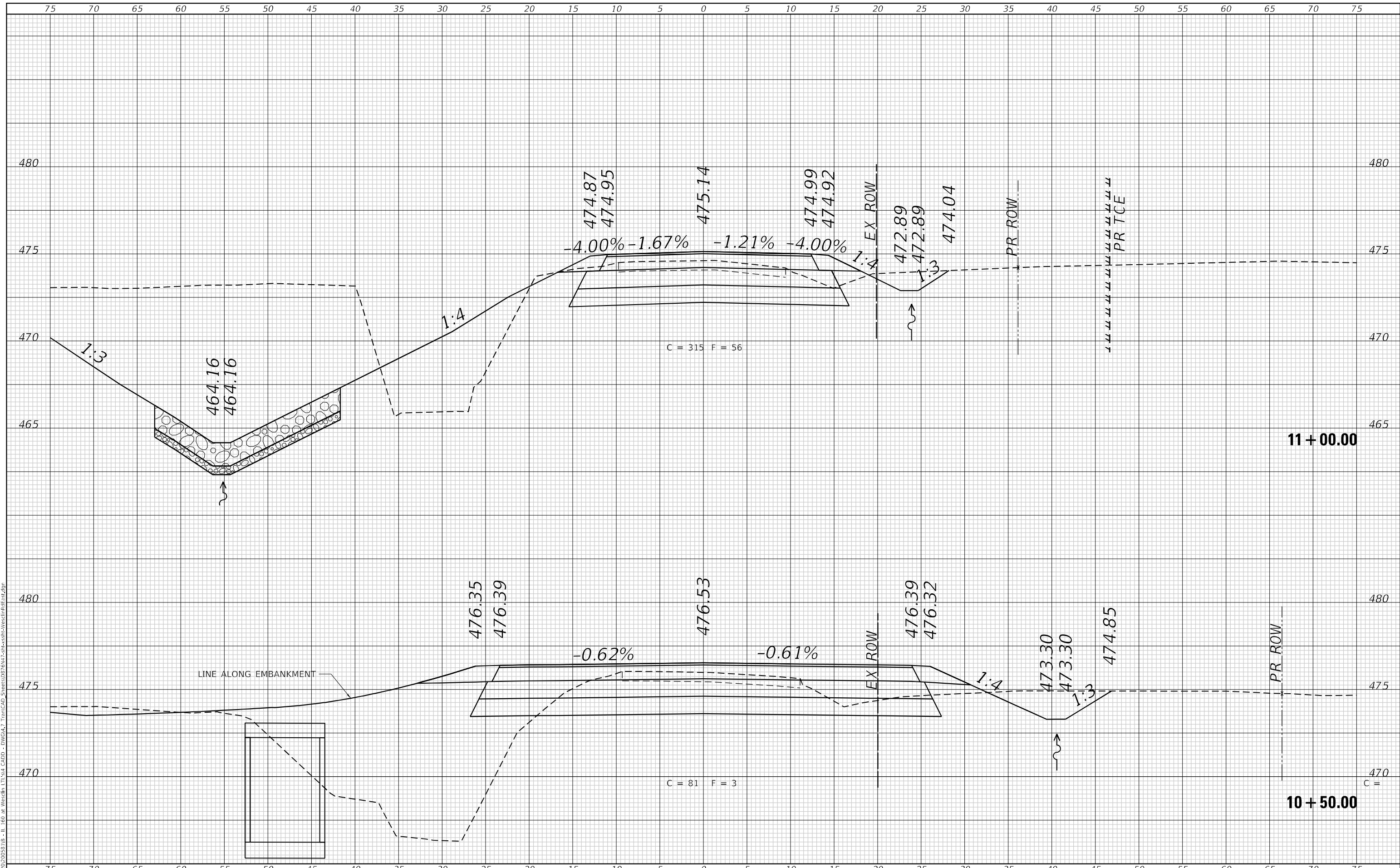
CROSS SECTIONS WESCLIN ROAD WEST	
SCALE: 1"=5'	SHEET 4 OF 4 SHEETS
STA. 3+00.00	TO STA. 3+00.00

F.A.P. RTE. 690	SECTION 481W-1	COUNTY CLINTON	TOTAL SHEETS 100	SHEET NO. 98
			CONTRACT NO. 76N47	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	

MODEL: Defnair
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 IL DESIGN FIRM
 LICENSE NO:
 184-001220

USER NAME = dlce	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10,0000 */ in.	CHECKED -	REVISED -
PLOT DATE = 11/16/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 WESCLIN ROAD EAST**

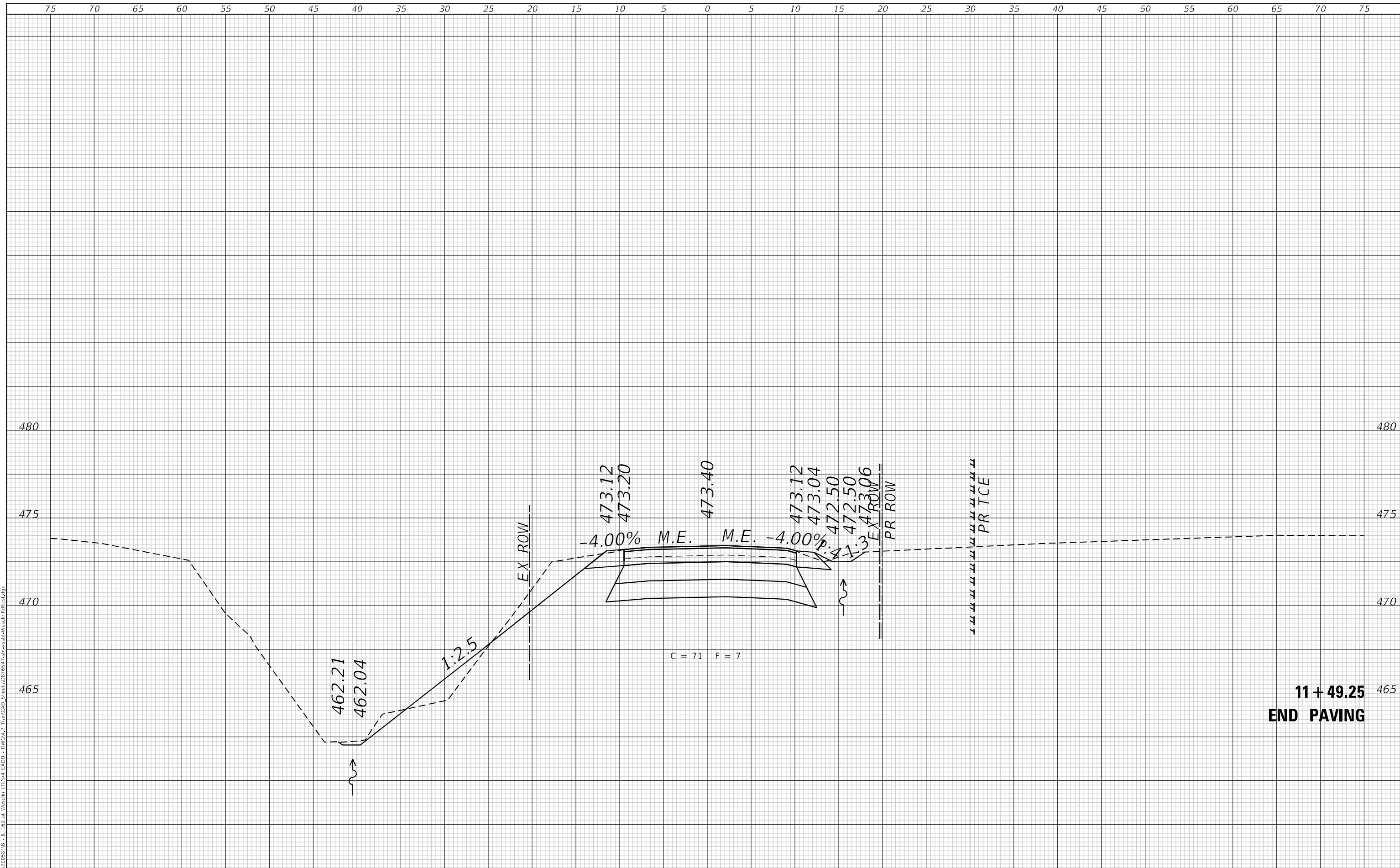
SCALE: 1"=5'
 SHEET 1 OF 2 SHEETS
 STA. 10+50.00 TO STA. 11+00.00

F.A.P. RTE. 690	SECTION 481W-1	COUNTY CLINTON	TOTAL SHEETS 100	SHEET NO. 99
			CONTRACT NO. 76N47	
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		

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IL DESIGN FIRM
LICENSE NO: 184-001220

USER NAME = dlce	DESIGNED -	REVISD -
PLOT SCALE = 10,0000 * / in.	DRAWN -	REVISD -
PLOT DATE = 11/16/2023	CHECKED -	REVISD -
	DATE -	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
WESCLIN ROAD EAST**

SCALE: 1"=5' SHEET 2 OF 2 SHEETS STA. 11+49.25 TO STA. 11+49.25

F.A.P. RTE. 690	SECTION 481W-1	COUNTY CLINTON	TOTAL SHEETS 100	SHEET NO. 100
			CONTRACT NO. 76N47	
ILLINOIS FED. AID PROJECT				