

03-08-2024 LETTING ITEM 043

FOR INDEX OF SHEETS. SEE SHEET NO. 2

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F A P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	(123,124)RS-4	MERCER	88	1
		ILLINOIS	CONTRACT NO. 68E30	

HIGHWAY STANDARDS

000001-08	701301-04
280001-07	701306-04
406201-01	701311-03
424001-11	701501-06
442201-03	701801-06
630001-13	701901-09
630301-09	725001-01
642001-03	780001-05
701001-02	781001-04
701006-05	782006-01
701201-05	878001-11

PROPOSED  
HIGHWAY PLANS

FAP ROUTE 639 (IL 17)  
SECTION (123,124)RS-4  
PROJECT STP-HECB(225)  
3P RESURFACING  
MERCER COUNTY

C-94-065-18

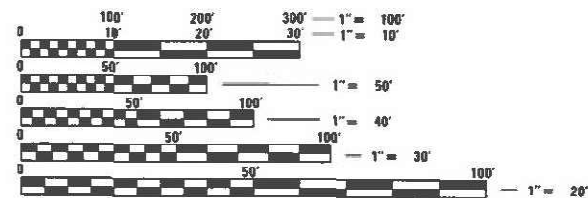
IMPROVEMENTS BEGIN  
STA. 282 + 00

IMPROVEMENTS END  
STA. 734 + 00

D-94-043-18



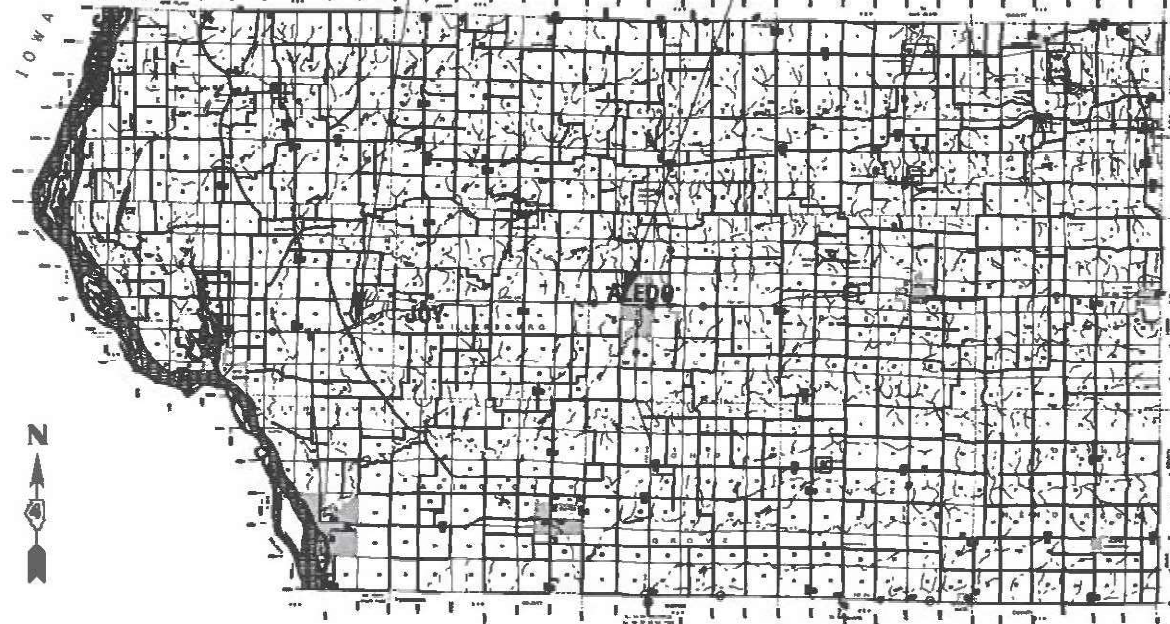
FUNCTIONAL CLASSIFICATION: MINOR ARTERIAL  
2019 ADT: 3000  
PV: 89.66% MU:4.67% SU: 5.67%



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

PROJECT ENGINEER:  
PROJECT MANAGER: KYLE HARRISON 309-671-3462  
CATALOG NO. 035617-00D  
CONTRACT NO. 68E30



GROSS LENGTH = 45200 FT. = 8.56 MILE  
NET LENGTH = 45200 FT. = 8.56 MILE

PROJECT DESCRIPTION:  
RESURFACING WITH COLD-IN-PLACE RECYCLING ON IL 17 FROM 0.02 MILE WEST OF BRYANT ROAD TO ALEDO. GUARDRAIL REPLACEMENT, AND SLOPE CORRECTION IN GUARDRAIL LOCATIONS.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED December 13 20 23  
Rene G. James REGIONAL ENGINEER

February 2, 2024 [Signature]  
ENGINEER OF DESIGN AND ENVIRONMENT

February 2, 2024 [Signature]  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

## INDEX OF SHEETS

1. COVER SHEET
2. INDEX OF SHEETS, GENERAL NOTES, PROJECT SPECIFIC NOTES
3. MIX REQUIREMENTS / STATUS OF UTILITIES
- 4-8. SUMMARY OF QUANTITIES
- 9-10. TYPICALS
- 11-16. SCHEDULE OF QUANTITIES
17. LINE DIAGRAM
- 18-28. GUARDRAIL PLAN SHEETS
- 29-31. ADA RAMP DETAILS
32. RECTANGULAR RAPID FLASHING BEACON CONSTRUCTION DETAILS
- 33-42. DISTRICT CADD STANDARDS
- 43-88. CROSS SECTIONS

## GENERAL NOTES

### AVAILABILITY OF ELECTRONIC FILES

MicroStation and GEOPAK files of this project will be made available to the Contractor after contract award. If there is a conflict between the electronic files and the printed contract plans and documents, the printed contract plans and documents shall take precedence over the electronic files. The Contractor shall accept all risk associated with using the electronic files and shall hold the Department harmless for any errors or omissions in the electronic files and the data contained therein. Errors or delays resulting from the use of the electronic files by the Contractor shall not result in an extension of time for any interim or final completion date or shall not be considered cause for additional compensation. The Contractor shall not use, share, or distribute these electronic files except for the purpose of constructing this contract. Any claims by third parties due to use or errors shall be the responsibility of the Contractor. The Contractor shall include this disclaimer with the transfer of these electronic files to any other parties and shall include appropriate language binding them to similar responsibilities.

### COMMITMENTS

Commitments are not to be altered without the written approval of all parties to which the commitment was made.

### CONSECUTIVE SIDE STREET (ROAD) CLOSURE - PROHIBITED

1. No two consecutive side streets (roads) may be closed at the same time during construction. The Contractor must alternate streets (roads).
2. Adjacent sideroads will not be closed simultaneously. BLR Standard 21 shall be used for all local road closures without any entrances within the closed area. BLR Standard 22 can be used where it is necessary to allow local traffic access.

### WINTER SHUTDOWN RESTRICTIONS ON COLD MILLED PROJECTS

Prior to winter shutdown the following steps shall be taken:

- All cold milled surfaces shall be overlaid.
- All lanes shall be reopened to traffic.
- Manholes, where applicable, shall be adjusted to the elevation of the binder course/leveling binder to ease in plowing snow, and re-adjusted to finished grade in the Spring. The initial manhole adjustment will be paid for at the contract unit price and any re-adjustment, as directed by the Engineer, will be paid for in accordance with Article 109.04.
- Temporary or permanent pavement marking shall be placed as applicable.

### ENVIRONMENTAL REVIEWS

Prior to the use of any proposed borrow areas, use areas (temporary access roads, detours, run-arounds, etc.) and/or waste areas, the Contractor shall file the required environmental resource request surveys according to Section 107.22 of the Standard Specifications. These surveys are required in order for the Department to conduct cultural and biological resource surveys for the proposed site.

The required environmental resource documentation shall include the following:

- \* BDE Form 2289 (Borrow Site Review)
- \* BDE Form 2290 (Waste/Use Area Review)
- \* A location map showing the size limits and location of the use area
- \* Color photographs depicting the use area
- \* Borrow Area Entry Agreement form - D4 PI0101

Prior to any waste materials being removed from the construction site the required environmental resource surveys shall be obtained and filed by the Contractor. Excess waste products removed from the construction site shall be disposed of as required in Section 202.03 of the Standard Specifications.

Any protruding metal bars shall be removed prior to the disposal of broken concrete at approved disposal sites.

Please note that a minimum of four weeks shall be allowed for the District to obtain the required waste site environmental clearances and six weeks for the required borrow site environmental clearances.

### SEEDING - SIDESLOPE RIPPING

All slopes steeper than 3 to 1 and over 15 ft. (4.5 m) in height shall be ripped. This shall consist of ripping between 18 inches to 24 inches (450 mm to 600 mm) deep normal to the slope. The interval of ripping along the slope shall be 12 ft. (3.6 m). This work shall be done after the seed bed has been prepared but before any fertilizer or seed has been applied. The fertilizer and seed shall be applied within a 24-hour period after the ripping has been done. This work will not be paid for separately but will be included in the cost of the various items of seeding involved.

### AGGREGATE (DESCRIPTION), TYPE B

Aggregate (Description), Type B shall be required for all granular construction of side roads, entrances, and mailbox turnouts, whether or not portions of the surfaces thus constructed are to be covered with a bituminous surface, except where noted differently on the plans.

### POLYMERIZED BITUMINOUS MATERIALS (TACK COAT) RATES

Surface Type	Residual Rate
Milled (HMA or PCC)	0.08 lb / sq ft
Existing Pavement	0.08 lb / sq ft
Fog Coat (between lifts)	0.08 lb / sq ft

### PAVING SURFACE COURSE

Continuous paving operations on the main roadway shall be maintained at all times during the construction of the hot-mix asphalt surface. No interruptions for side roads, entrances, turn lanes, etc. will be allowed.

### BUTT JOINT CUTTING TIME RESTRICTION

Butt joints shall not be milled more than three (3) days prior to placement of the HMA surface course.

### ADDITIONAL SUPPLEMENTAL TRAFFIC CONTROL

The Department reserves the right at any time to add additional Traffic Control Systems or devices within the active contract limits, by means of an additional contract. All terms of Article 105.08 of the Standard Specifications shall be followed by each Contractor.

### SIGNING

Sign locations may vary from the stations shown on the plans in accordance with directions from the Engineer at the time of construction. Sign locations may be adjusted in the field to avoid any found utilities.

All wood post locations shall be verified with the Bureau of Operations, Traffic Section, before installation.

### NO PASSING ZONE VERIFICATION

The resident shall contact Operations to verify the location of no passing zones prior to placement of centerline striping.

## JOB SPECIFIC NOTES

Existing paving fabric was used as strip reflective crack control at previous pavement widenings. Existing fabric is 2 foot wide and locations vary.

HMA Surface Removal 4" shall be completed in both lanes before the end of the working day to prevent a 4" drop off.

MODEL: Default  
 FILE: \\blmfe-pw-bentley.com\P\INDOT\Documents\DOT Offices\District 4\Projects\DA\_68E30\CADD\Info\Cadd\sheet\DA68E30-shr-cover.cgm

USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:100	CHECKED -	REVISED -
PLOT DATE = 12/15/2023	DATE -	REVISED -

## STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

## INDEX OF SHEETS, GENERAL NOTES PROJECT SPECIFIC NOTES

SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	(123,124)RS-4	MERCER	88	2
CONTRACT NO. 68E30				
		ILLINOIS	FED. AID PROJECT	



**Status of Utilities**

Name of Utility Company \_\_\_\_\_

Village of Joy  
11/8/2023

Route	FAP 639 (IL 17)
Section	(123, 123)RS-4
County	Mercer
Contract No.	68E30
Job No.	C-94-065-18

The following mixture requirements are applicable for this project:

Location(s):	Mainline	Mainline	Shoulders	Mainline
Mixture Use(s):	Surface 2" Lifts	Partial Depth Patch/Joint Repair/Incidental Surface	Surface Lift	Class D Patching
AC/PG:	PG 58-28	PG 58-28	PG 58-28	PG 58-28
Design Air Voids:	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50
Mixture Composition: (Mixture Gradation)	IL 9.5	IL 9.5	IL 9.5	IL 19.0
Friction Aggregate:	Mix D	Mix C	Mix C	N.A.
Quality Management Program:	PPF	QCQA	QCQA	QCQA
MTD:	Yes	No	No	No

Note: 1) Individual lift thickness of each mix type will be no less than 3 times nominal maximum aggregate size and no more than 6 times nominal maximum aggregate size, unless otherwise approved by the Engineer.  
 2) For design purposes, mixture weight for all mixes is determined to be 112.0 lb/s.y./in., unless otherwise noted.  
 3) Sublot sizes for PPF and QCP mixes will be 1000 tons, unless otherwise agreed to by the Engineer and the paving contractor.

Route	Offset	Location	Type of Utility	Type of Conflict	Disposition
IL 17 & Federal St	Lt 16.0'	396+98	Sanitary MH	Paving	Caution
IL 17 & Penn St	Lt 16.5'	401+30	Sanitary MH	Paving	Caution
IL 17 & Washington St	Lt 15.5'	405+51	Sanitary MH	Paving	Caution
IL 17 & Drury St	Lt 16'	409+81	Sanitary MH	Paving	Adjust
IL 17 & Oliver St	Lt 16'	414+10	Sanitary MH	Paving	Adjust

**NOTE: Please check all your facilities within the construction limits of this project.**

MODEL: Default  
 FILE: Mainline - Sublot - PPF - QCQA - Status of Utilities.dwg  
 PROJECT: D:\Projects\DOT\Office\DOT\Documents\DOT\Office\DOT\68E30\CAD\Drawings\CAD\Drawings\68E30\Sublot - PPF - QCQA - Status of Utilities.dwg

USER NAME = \$USERS	DESIGNED -	REVISED -
PLOT SCALE = 1:100	DRAWN -	REVISED -
PLOT DATE = 12/15/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MIX REQUIREMENTS / STATUS OF UTILITIES**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	(123,124)RS-4	MERCER	88	3
CONTRACT NO. 68E30				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				0005	0021	0021
				ROADWAY	ELECTRICAL	SAFETY
				80% FED	80% FED	80% FED
				20% STATE	20% STATE	20% STATE
20200100	EARTH EXCAVATION	CU YD	267	267		
20400800	FURNISHED EXCAVATION	CU YD	2386	2386		
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	5756	5756		
25000300	SEEDING, CLASS 3	ACRE	1.25	1.25		
25000750	MOWING*	ACRE	28.5	28.5		
25100125	MULCH, METHOD 3	ACRE	0.5	0.5		
25100630	EROSION CONTROL BLANKET	SQ YD	3912	3912		
28000400	PERIMETER EROSION BARRIER	FOOT	6650	6650		
28100225	STONE RIPRAP, CLASS B3	TON	889	889		
40200100	AGGREGATE SURFACE COURSE, TYPE A	TON	131	131		
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	103500	103500		
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	5846	5846		
40600990	TEMPORARY RAMP	SQ YD	116	116		
40604160	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	15873	15873		

**\*PAID AS 100% STATE**

MODEL: Default  
 FILE NAME: p:\project-aw-bee\paw.com\PIV\DOT\Documents\DOT Office\Director\_4\Project\DA\_68E30\CADD\DA\_68E30\CADD\DA\_68E30\CAD\Sheet\DA68E30-S08.dgn

USER NAME = \$USERS	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 1:100	DRAWN -	REVISED -					639	(123,124)RS-4	MERCER	88	4
PLOT DATE = 1/3/2024	CHECKED -	REVISED -		SCALE:	SHEET 1	OF 5 SHEETS	STA.	TO STA.	CONTRACT NO. 68E30		
DATE -	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT							

MODEL: Default  
 FILE NAME: p:\project-aw-beadley.com\PIV\DOT\Documents\DOT Office\Dir\dir.ctb 4\Project\ID\_68E30\CADD\DATA\CAD\Sheet\ID\_68E30-shs-500.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				0005	0021	0021
				ROADWAY	ELECTRICAL	SAFETY
				80% FED	80% FED	80% FED
				20% STATE	20% STATE	20% STATE
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	642	642		
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	237	237		
* 42400800	DETECTABLE WARNINGS	SQ FT	40	40		
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	128451	128451		
44000165	HOT-MIX ASPHALT SURFACE REMOVAL, 4"	SQ YD	6269	6269		
44000600	SIDEWALK REMOVAL	SQ FT	274	274		
44201827	CLASS D PATCHES, TYPE II, 15 INCH	SQ YD	9	9		
44201833	CLASS D PATCHES, TYPE IV, 15 INCH	SQ YD	26	26		
48101200	AGGREGATE SHOULDERS, TYPE B	TON	3507	3507		
60255500	MANHOLES TO BE ADJUSTED	EACH	2	2		
60905305	BOX CULVERTS TO BE CLEANED	FOOT	355	355		
60920012	PIPE CULVERTS TO BE CLEANED 12"	FOOT	35	35		
60920015	PIPE CULVERTS TO BE CLEANED 15"	FOOT	30	30		
60920018	PIPE CULVERTS TO BE CLEANED 18"	FOOT	245	245		

\* = SPECIALTY ITEM

USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:100	CHECKED -	REVISED -
PLOT DATE = 12/15/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	(123,124)RS-4	MERCER	88	5
CONTRACT NO. 68E30			ILLINOIS FED. AID PROJECT	

MODEL: Default  
 FILE NAME: p:\project-aw-beam\p\p\DOT Documents\DOT Office\Director\_4\Project\ID\_68E30\CADD\DATA\CAD\Sheet\ID\_68E30-S03.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				0005	0021	0021
				ROADWAY	ELECTRICAL	SAFETY
				80% FED	80% FED	80% FED
				20% STATE	20% STATE	20% STATE
* 6300003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	5000			5000
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4			4
63200310	GUARDRAIL REMOVAL	FOOT	3654	3654		
63301990	REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE 1	EACH	19			19
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	9580	9580		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	8	8		
67100100	MOBILIZATION	L SUM	1	1		
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1		
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1		
70102621	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1		
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1		
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	14	14		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	18080	18080		
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1507	1507		
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	23			23

\*= SPECIALTY ITEM

USER NAME = \$USERS	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 1:100	DRAWN -	REVISED -					639	(123,124)RS-4	MERCER	88	6
PLOT DATE = 1/2/2024	CHECKED -	REVISED -		SCALE:	SHEET 3	OF 5 SHEETS	STA.	TO STA.	CONTRACT NO. 68E30		
	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				0005	0021	0021
				ROADWAY	ELECTRICAL	SAFETY
				80% FED	80% FED	80% FED
				20% STATE	20% STATE	20% STATE
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	136323	136323		
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	54	54		
* 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	136323	136323		
* 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	54	54		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	610	610		
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	96			96
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	610	610		
X0327996	COLD IN-PLACE RECYCLING, 3.0"	SQ YD	124251	124251		
X1400326	RECTANGULAR RAPID FLASHING BEACON ASSEMBLY (COMPLETE)	EACH	2		2	
X4005500	CIR FULL DEPTH RECLAMATION EMULSIFIED ASPHALT	TON	626	626		
X4400196	HOT-MIX ASPHALT SURFACE REMOVAL (SPECIAL)	SQ YD	2511	2511		
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	124251	124251		
XZ013798	CONSTRUCTION STATION LAYOUT	L SUM	1	1		
20001002	GUARDRAIL AGGREGATE EROSION CONTROL	TON	865	865		

\*= SPECIALTY ITEM

MODEL: Default  
FILE NAME: p:\project\paw\_bentley.com\P\I\DOT\Documents\DOT\_Offices\District\_4\Project\ID\_68E30\CADD\Draws\CAD\Drawings\68E30\Sh-S00.dgn

USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:100	CHECKED -	REVISED -
PLOT DATE = 12/15/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	(123,124)RS-4	MERCER	88	7
			CONTRACT NO. 68E30	
			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				0005	0021	0021
				ROADWAY	ELECTRICAL	SAFETY
				80% FED	80% FED	80% FED
				20% STATE	20% STATE	20% STATE
∅ Z0076600	TRAINEES	HOUR	1,000	1,000		
Z0034105	MATERIAL TRANSFER DEVICE	TON	15873	15873		
∅ Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	1,000	1,000		
∅ 0042						

MODEL: Default  
FILE NAME: p:\ultra-cw-beam\p\1\1\DOT\Documents\DOT Office\Dir\rdet\_4\Project\ID\_68E30\CAD\Draws\CADsheets\ID\_68E30-shs-S06.dgn

USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:100	CHECKED -	REVISED -
PLOT DATE = 12/15/2023	DATE -	REVISED -

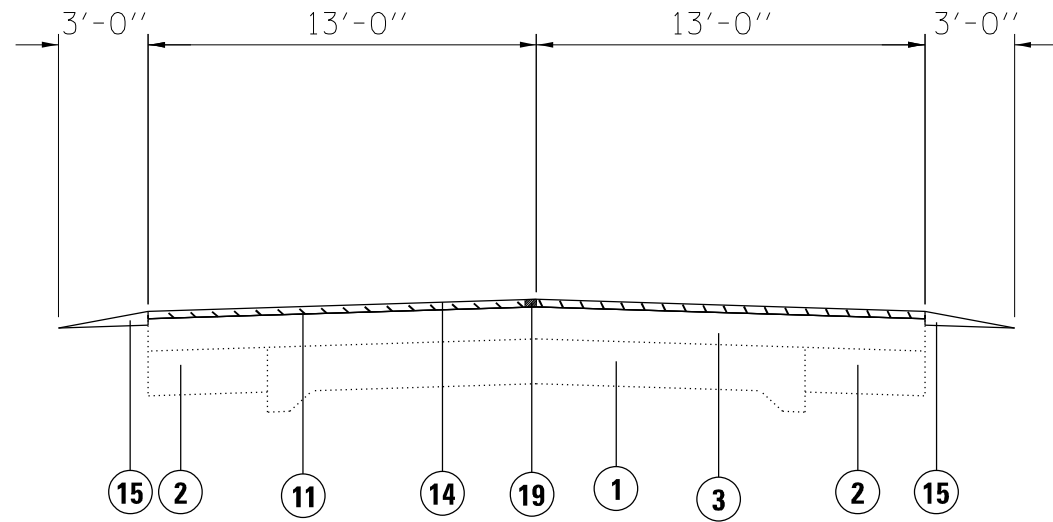
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

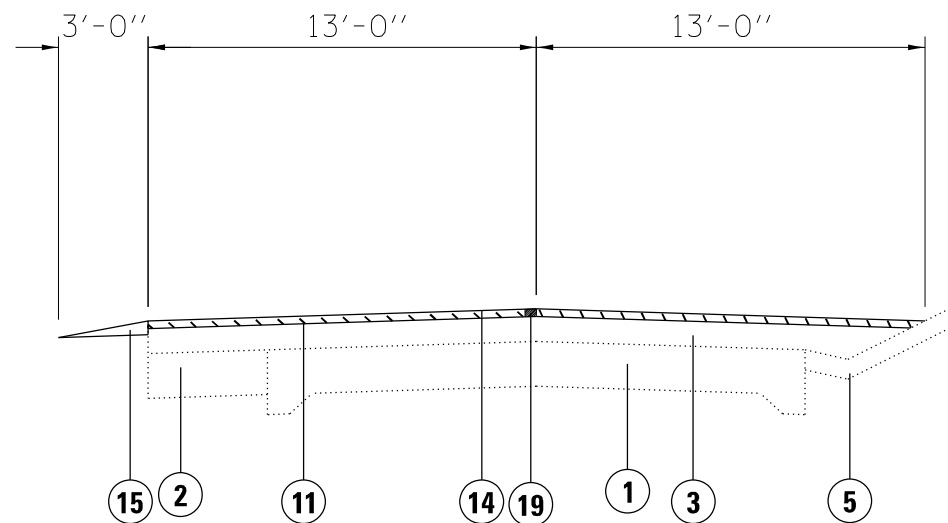
SCALE: SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	(123,124)RS-4	MERCER	88	8
			CONTRACT NO. 68E30	
			ILLINOIS FED. AID PROJECT	





STA. 282+00 TO STA. 292+00



STA. 292+00 TO STA. 303+90

### LEGEND

#### EXISTING

- 1 EXISTING PCC PAVEMENT 9"
- 2 EXISTING HMA BASE COURSE WIDENING
- 3 EXISTING HMA OVERLAY
- 4 EXISTING HMA SHOULDERS, 8"
- 5 EXISTING A GUTTER MODIFIED

#### PROPOSED

- 10 PROPOSED HMA SURFACE REMOVAL, 2"
- 11 PROPOSED HMA SURFACE REMOVAL, 4"
- 12 PROPOSED COLD-IN-PLACE RECYCLING 3"
- 13 PROPOSED HMA SURFACE COURSE, 2"
- 14 PROPOSED HMA SURFACE COURSE, 4"
- 15 PROPOSED AGGREGATE SHOULDER, TYPE B
- 16 PROPOSED STEEL PLATE BEAM GUARDRAIL, TYPE A 9' POSTS
- 17 PROPOSED GUARDRAIL AGGREGATE EROSION CONTROL
- 18 PROPOSED SHOULDER RUMBLE STRIP 16"
- 19 PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL (SPECIAL)

MODEL: Default  
 FILE: \\mfrs-pw-bentley.com\P\DOT\Documents\DOT Office\Director\_4\Project\104\_68E30\CADD\Draws\CAD\Draws\10468E30-shc-typical.dgn

USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:100	CHECKED -	REVISED -
PLOT DATE = 12/15/2023	DATE -	REVISED -

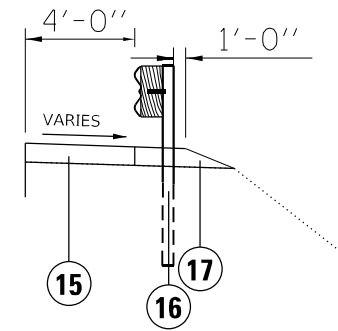
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>TYPICAL</b>			
SCALE:	SHEET 1	OF 2 SHEETS	STA. TO STA.

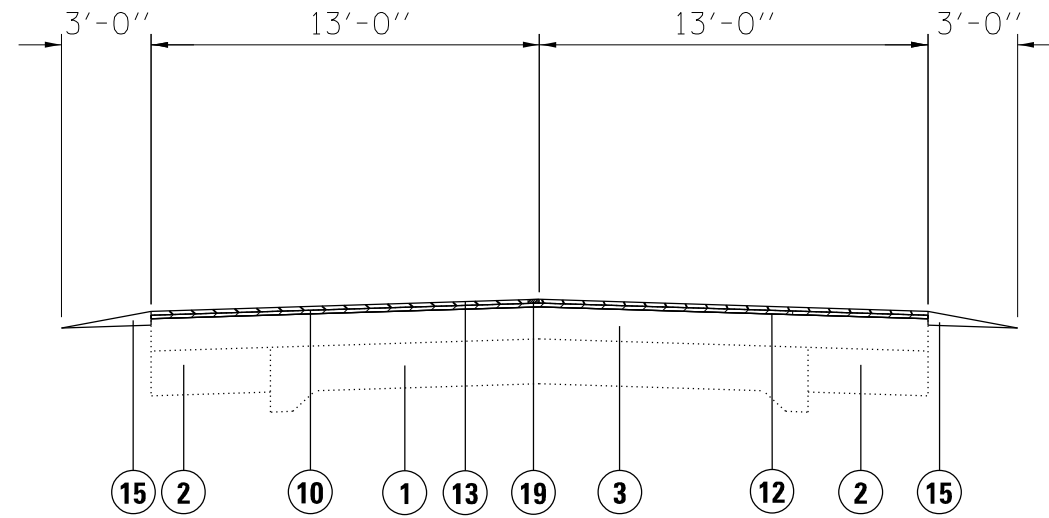
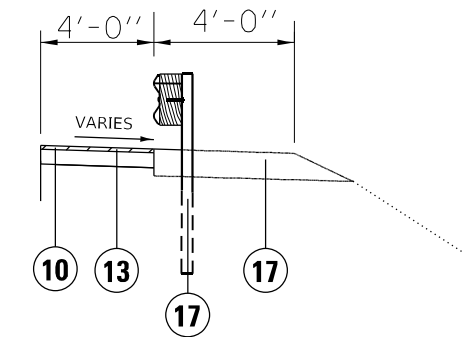
F.A.P. RTE. 639	SECTION (123,124)RS-4	COUNTY MERCER	TOTAL SHEETS 88	SHEET NO. 9
CONTRACT NO. 68E30				
ILLINOIS FED. AID PROJECT				

# PROPOSED SECTION AT GUARDRAIL LOCATIONS

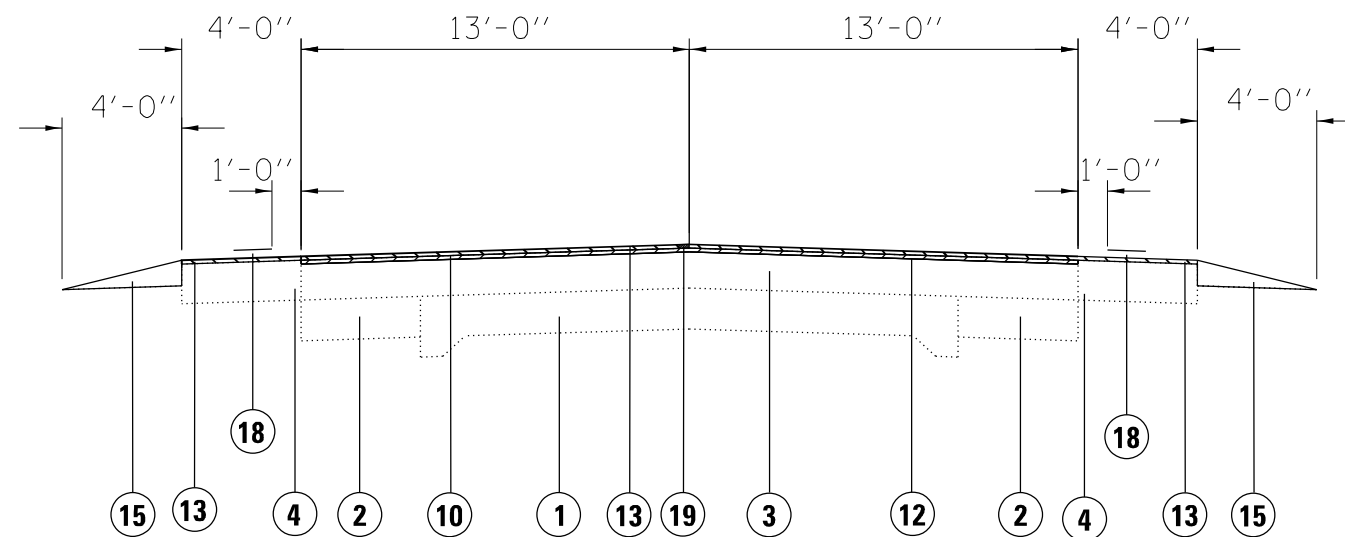
SEE SCHEDULE FOR LOCATIONS  
AGGREGATE SHOULDER LOCATIONS



HMA SHOULDER LOCATIONS



STA. 282+00 TO STA. 503+75  
STA. 531+75 TO STA. 715+00



STA. 503+75 TO STA. 531+75  
STA. 715+50 ST STA. 738+00

## LEGEND

### EXISTING

- 1 EXISTING PCC PAVEMENT 9"
- 2 EXISTING HMA BASE COURSE WIDENING
- 3 EXISTING HMA OVERLAY
- 4 EXISTING HMA SHOULDERS, 8"
- 5 EXISTING A GUTTER MODIFIED

### PROPOSED

- 10 PROPOSED HMA SURFACE REMOVAL, 2"
- 11 PROPOSED HMA SURFACE REMOVAL, 4"
- 12 PROPOSED COLD-IN-PLACE RECYCLING 3"
- 13 PROPOSED HMA SURFACE COURSE, 2"
- 14 PROPOSED HMA SURFACE COURSE, 4"
- 15 PROPOSED AGGREGATE SHOULDER, TYPE B
- 16 PROPOSED STEEL PLATE BEAM GUARDRAIL, TYPE A 9' POSTS
- 17 PROPOSED GUARDRAIL AGGREGATE EROSION CONTROL
- 18 PROPOSED SHOULDER RUMBLE STRIP 16"
- 19 PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL (SPECIAL)

MODEL: Default  
FILE: \\nafe.pva\ultra-cw-beach\pva.com\PIV\DOT\Documents\DOT Office\Dir\rdt\_4\Project\104\_68E30\CADD\Draws\CADD\sheet\10468E30-shc-typical.dgn

USER NAME = \$USERS	DESIGNED -	REVISED -
PLOT SCALE = 1:100	DRAWN -	REVISED -
PLOT DATE = 12/15/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	(123,124)RS-4	MERCER	88	10
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68E30	

**MAINLINE RESURFACING SCHEDULE**

LOCATION	LENGTH	WIDTH	AREA	HMA SURFACE REMOVAL-BUTT JOINT	TEMPORARY RAMP	HMA SURFACE REMOVAL	HMA SURFACE REMOVAL	HMA SURFACE REMOVAL, SPECIAL	COLD-IN-PLACE RECYCLING	CIR FULL DEPTH RECLAMATION EMULSFIED ASPHALT*	SURFACE REMOVAL, VARIABLE DEPTH	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)			POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50			MATERIAL TRANSFER DEVICE	SHOULDER RUMBLE STRIPS 16"
				10'	TAPER RATE 1:40	2.0"	4.0"	JOINT TRIMMING	3.0"	CROSS SLOPE CORRECTION	1 APPLICATION	2 APPLICATIONS	JOINT TRIMMING	2.0"	4.0"	JOINT TRIMMING	TON	TON	
				SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD		TON	SQ YD	LBS	LBS	LBS	TON			TON
STA 282+00 TO STA 282+10	10	26	28.9	28.9	38.5			0.6							0.8		0.0	0.0	
STA 282+10 TO STA 303+80	2170	26	6268.9				6268.9	120.6					9027.2	173.6		1404.2	13.5	1417.7	
STA 303+80 TO STA 303+90	10	26	28.9	28.9	38.5			0.6							0.8		0.0	0.0	
STA 303+90 TO STA 304+00	10	26	28.9	28.9	19.3			0.6	28.9	0.1	28.9	20.8			0.4		0.0	3.3	
STA 304+00 TO STA 503+75	19975	26	57705.6			57705.6		1109.7	57705.6	290.8	57705.6	41548.0		799.0	6463.0		62.1	6525.2	
STA 503+75 TO STA 531+75	2800	34	10577.8			10577.8		155.6	8088.9	40.8	8088.9	7616.0		112.0	1184.7			1184.7	5600.0
STA 531+75 TO STA 714+00	18225	26	52650.0			52650.0		1012.5	52650.0	265.4	52650.0	37908.0		729.0	5896.8			5896.8	
STA 714+00 TO STA 733+90	1990	34	7517.8			7517.8		110.6	5748.9	29.0	5748.9	5412.8		79.6	842.0			842.0	3980.0
STA 733+90 TO STA 734+00	10	26	28.9	28.9	19.3			0.6	28.9	0.1	28.9	20.8			0.4	3.2		3.3	
<b>MAINLINE SUBTOTAL</b>				115.6	115.6	128451.1	6268.9	2511.1	124251.1	626.2	124251.1	92526.4	9027.2	1895.6	14393.0	1404.2	75.8	15873.0	9580.0
<b>SIDEROAD AND ENTRANCE SUBTOTAL</b>				5730.6										50.9					
<b>TOTAL</b>				5846	116	128451	6269	2511	124251	626	124251		103500		15873			15873	9580

\* THE QUANTITY FOR THE EMULSFIED ASPHALT WAS CALCULATED ASSUMING IT WOULD BE 3% (BY WEIGHT) OF THE PROCESSED MATERIAL.

LOCATION	MOBILIZATION	ENGINEER'S FIELD OFFICE, TYPE A	CHANGEABLE MESSAGE SIGN	CONSTRUCTION STATION LAYOUT	TRAFFIC CONTROL AND PROTECTION STANDARD 701306	TRAFFIC CONTROL AND PROTECTION STANDARD 701201	TRAFFIC CONTROL AND PROTECTION STANDARD 701501
JOBSITE	LSUM	CAL MO	CAL DAY	LSUM	LSUM	LSUM	LSUM
JOBSITE	1	8	14	1	1	1	1
TOTAL	1	8	14	1	1	1	1

SHORT TERM PAVEMENT MARKING					
LOCATION		SHORT TERM PAVEMENT	SHORT TERM PAVEMENT MARKING REMOVAL		
IL 17		SKIP DASH CENTERLINE	SKIP DASH CENTERLINE		
		FOOT	SQ FT		
STA 282+00 TO STA 734+00		18080.0	1506.7		
<b>TOTAL</b>		<b>18080</b>	<b>1507</b>		

MOWING SCHEDULE						
LOCATION			LENGTH	AVERAGE WIDTH	MOWING	
STATION			FOOT	FT	ACRE	
STA 282+00 TO STA 390+00			10800	15	7.44	
STA 426+00 TO STA 734+00			30800	15	21.21	
<b>TOTAL</b>					<b>28.5</b>	

MODEL: Default  
FILE: Mainline\_PavementResurfacing\_Schedule.dwg  
PROJECT: ILLINOIS DOT Office/Projects/68E30/68E30-CADD/68E30-CADD-68E30-Subcontract/68E30-Subcontract.dwg

USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:100	CHECKED -	REVISED -
PLOT DATE = 1/3/2024	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE. 639	SECTION (123,124)RS-4	COUNTY MERCER	TOTAL SHEETS 88	SHEET NO. 11
CONTRACT NO. 68E30				ILLINOIS FED. AID PROJECT

CULVERT CLEANING SCHEDULE						
LOCATION	CULVERT SIZE	APPROX. CULVERT LENGTH	BOX CULVERTS TO BE CLEANED	PIPE CULVERTS TO BE CLEANED 12"	PIPE CULVERTS TO BE CLEANED 15"	PIPE CULVERTS TO BE CLEANED 18"
			FOOT	FOOT	FOOT	FOOT
STA 295+40	2'x2'	55'	55			
STA 335+13	4'x4'	55'	55			
STA 341+00	4'x4'	50'	50			
STA 355+40	2'x2'	45'	45			
STA 375+85	2'x2'	35'	35			
STA 397+40	18" PIPE	30'				30
STA 398+95	18" PIPE	30'				30
STA 414+30	18" PIPE	30'				30
STA 415+00	18" PIPE	30'				30
STA 424+94	12" PIPE	35'		35		
STA 440+53	2'x2'	40'	40			
STA 479+15	15" PIPE	30'			30	
STA 513+10	2'x2'	35'	35			
STA 517+60	18" PIPE	45'				45
STA 556+30	18" PIPE	45'				45
STA 644+38	3'x3'	40'	40			
STA 677+90	18" PIPE	35'				35
<b>TOTAL</b>			<b>355</b>	<b>35</b>	<b>30</b>	<b>245</b>

AGGREGATE SHOULDER SCHEDULE						
LOCATION						AGGREGATE SHOULDER, TYPE B TON
MAINLINE						
EASTBOUND						
LT STA	282+00.00	TO STA	282+50.00			1.9
LT STA	298+00.00	TO STA	304+75.00			25.6
LT STA	307+00.00	TO STA	319+50.00			47.5
LT STA	322+00.00	TO STA	333+62.50			44.1
LT STA	336+00.00	TO STA	339+25.00			12.3
LT STA	342+00.00	TO STA	344+50.00			9.5
LT STA	347+00.00	TO STA	354+25.00			27.5
LT STA	356+00.00	TO STA	368+62.50			47.9
LT STA	370+75.00	TO STA	377+87.50			27.0
LT STA	380+25.00	TO STA	419+37.50			148.5
LT STA	420+87.50	TO STA	429+12.50			31.3
LT STA	431+00.00	TO STA	435+50.00			17.1
LT STA	437+50.00	TO STA	438+75.00			4.7
LT STA	441+25.00	TO STA	503+75.00			237.3
LT STA	503+75.00	TO STA	531+75.00			106.3
LT STA	532+25.00	TO STA	547+62.50			58.4
LT STA	550+00.00	TO STA	642+37.50			350.7
LT STA	645+00.00	TO STA	656+87.50			45.1
LT STA	659+50.00	TO STA	734+00.00			282.8
LT STA	714+00.00	TO STA	732+00.00			68.3
<b>WESTBOUND</b>						
RT STA	282+00.00	TO STA	282+87.50			3.3
RT STA	293+87.50	TO STA	294+20.00			1.2
RT STA	298+32.50	TO STA	304+00.00			21.5
RT STA	306+37.50	TO STA	319+50.00			49.8
RT STA	321+87.50	TO STA	332+50.00			40.3
RT STA	335+25.00	TO STA	338+75.00			13.3
RT STA	341+37.50	TO STA	344+00.00			10.0
RT STA	346+62.50	TO STA	353+25.00			25.2
RT STA	355+62.50	TO STA	360+25.00			17.6
RT STA	362+87.50	TO STA	368+62.50			21.8
RT STA	371+00.00	TO STA	377+62.50			25.2
RT STA	380+00.00	TO STA	418+75.00			147.1
RT STA	420+75.00	TO STA	428+50.00			29.4
RT STA	430+50.00	TO STA	435+00.00			17.1
RT STA	436+62.50	TO STA	439+00.00			9.0
RT STA	441+37.50	TO STA	508+00.00			252.9
RT STA	503+75.00	TO STA	531+75.00			106.3
RT STA	531+70.00	TO STA	547+87.50			61.4
RT STA	549+87.50	TO STA	642+50.00			351.6
RT STA	644+87.50	TO STA	657+25.00			47.0
RT STA	659+62.50	TO STA	734+00.00			282.3
RT STA	714+00.00	TO STA	732+00.00			68.3
<b>SUBTOTAL</b>						<b>3195.7</b>
<b>GUARDRAIL SUBTOTAL</b>						<b>311.3</b>
<b>TOTAL</b>						<b>3507</b>

INFORMATION ONLY

EARTHWORK SCHEDULE							
LOCATION	EARTH EXCAVATION	EARTH EXCAVATION ADJUST FOR 25%	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR	FURNISHED EXCAVATION	TOPSOIL FURNISH AND PLACE, 4"	RIPRAP B3
IL 17	CU YD	CU YD	CU YD	CU YD	CU YD	SQ YD	TON
LOCATION 1	181.0	135.8	2305.0	-2169.3	2169.3	4581.0	663.0
LOCATION 2	11.0	8.3	28.0	-19.8	19.8	316.0	0.0
LOCATION 4	18.0	13.5	28.0	-14.5	14.5	96.0	23.1
LOCATION 5	6.0	4.5	60.0	-55.5	55.5	155.0	48.9
LOCATION 6	31.0	23.3	70.0	-46.8	46.8	344.0	121.7
LOCATION 7	19.0	14.3	90.0	-75.8	75.8	185.0	11.6
LOCATION 8	1.0	0.8	5.0	-4.3	4.3	79.0	21.0
<b>TOTAL</b>	<b>267</b>	<b>200</b>	<b>2586</b>	<b>-2386</b>	<b>2386</b>	<b>5756</b>	<b>889</b>

EROSION CONTROL						
LOCATION	AREA	AREA	MULCH METHOD 3	EROSION CONTROL BLANKET	SEEDING CLASS 3	EROSION CONTROL PERIMETER
IL 17	SQ FT	ACRE	ACRE	SQ YD	ACRE	FOOT
LOCATION 1	41229.0	0.95	0.33	2977.0	0.95	3250.0
LOCATION 2	2844.0	0.07	0.01	261.0	0.07	350.0
LOCATION 4	864.0	0.02	0.01	57.0	0.02	300.0
LOCATION 5	1395.0	0.03	0.00	137.0	0.03	400.0
LOCATION 6	3096.0	0.07	0.02	268.0	0.07	1300.0
LOCATION 7	1665.0	0.04	0.01	133.0	0.04	550.0
LOCATION 8	711.0	0.02		79.0	0.02	500.0
<b>SUBTOTAL</b>			<b>0.4</b>	<b>3912.0</b>	<b>1.2</b>	<b>6650.0</b>
<b>TOTAL</b>			<b>0.5</b>	<b>3912</b>	<b>1.25</b>	<b>6650</b>

MODEL: Default; FILE: \\mari...; PROJECT: 68E30; CADD: Data; CADD: sheets; 68E30-shs-schedule.dgn

USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:100	CHECKED -	REVISED -
PLOT DATE = 12/21/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SCHEDULE OF QUANTITIES</b>			
SCALE:	SHEET 2	OF 6 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	(123,124)RS-4	MERCER	88	12
CONTRACT NO. 68E30				
ILLINOIS FED. AID PROJECT				

SIDEROAD AND ENTRANCE SCHEDULE										
LOCATION		TYPE	MATERIAL	LENGTH	AREA	HMA SURFACE REMOVAL- BUTT JOINT	INCIDENTAL HMA SURFACING	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	AGGREGATE SURFACE COURSE TYPE A	
SIDE	STATION			FOOT	SQ YD	SQ YD	TON	POUND	TON	
LT	STA 282+20	Bryant Rd.	HMA	30	157.5	157.5	17.6	1.4		
RT	STA 293+60	FE	GRAVEL	4	9.3				1.6	
RT	STA 303+69	PE	GRAVEL	4	14.7				2.5	
LT	STA 303+97	PE	GRAVEL	4	22.2				3.8	
RT	STA 319+28	CE	GRAVEL	4	16.0				2.7	
RT	STA 324+39	PE	GRAVEL	4	23.1				3.9	
LT	STA 345+00	CE	GRAVEL	4	15.6				2.7	
LT	STA 352+00	100th St.	HMA	30	166.7	166.7	18.7	1.5		
RT	STA 352+00	100th St.	HMA	30	148.3	148.3	16.6	1.3		
RT	STA 365+54	FE	GRAVEL	4	17.8				3.0	
LT	STA 375+41	FE	GRAVEL	4	9.1				1.6	
RT	STA 375+40	CE	GRAVEL	4	17.8				3.0	
RT	STA 390+63	CE	HMA	8	42.2	42.2	4.7	0.4	7.2	
LT	STA 391+95	CE	HMA	8	34.2	34.2	3.8	0.3		
RT	STA 392+80	West St.	HMA	30	141.7	141.7	15.9	1.3		
LT	STA 392+90	West St.	HMA	30	150.0	150.0	16.8	1.3		
RT	STA 397+10	Federal St.	HMA	30	166.7	166.7	18.7	1.5		
LT	STA 397+15	Federal St.	HMA	30	150.0	150.0	16.8	1.3		
LT	STA 399+24	PE	HMA	8	19.6	19.6	2.2	0.2		
RT	STA 401+40	Penn St.	HMA	30	191.7	191.7	21.5	1.7		
LT	STA 401+45	Penn St.	HMA	30	150.0	150.0	16.8	1.3		
LT	STA 404+52	CE	HMA	8	62.2	62.2	7.0	0.6		
RT	STA 405+60	Washington St.	HMA	30	156.7	156.7	17.5	1.4		
LT	STA 405+69	Washington St.	HMA	30	176.7	176.7	19.8	1.6		
RT	STA 406+08	CE	HMA	8	23.1	23.1	2.6	0.2		
LT	STA 406+65	CE	HMA	8	48.4	48.4	5.4	0.4		
LT	STA 407+75	CE	HMA	8	117.8	117.8	13.2	1.0		
RT	STA 407+84	CE	HMA	8	50.2	50.2	5.6	0.4		
LT	STA 408+77	CE	HMA	8	41.3	41.3	4.6	0.4		
LT	STA 409+90	Drury St.	HMA	30	141.7	141.7	15.9	1.3		
LT	STA 412+85	PE	GRAVEL	4	14.2				2.4	
RT	STA 414+15	Oliver St.	HMA	30	145.0	145.0	16.2	1.3		
LT	STA 414+15	Oliver St.	HMA	30	155.0	155.0	17.4	1.4		
RT	STA 418+25	PE	GRAVEL	4	13.3				2.3	
LT	STA 422+25	CE	HMA	8	307.6	307.6	34.4	2.7		
RT	STA 422+00	CE	GRAVEL	4	29.8				5.1	
RT	STA 424+00	CE	GRAVEL	4	14.2				2.4	
LT	STA 425+46	CE	HMA	8	40.4	40.4	4.5	0.4		
RT	STA 425+56	CE	GRAVEL	4	20.0				3.4	
RT	STA 431+12	CE	GRAVEL	4	26.7				4.6	
LT	STA 433+00	Edwards St.	HMA	30	236.7	236.7	26.5	2.1		
LT	STA 441+97	FE	GRAVEL	4	9.3				1.6	
RT	STA 447+64	FE	GRAVEL	4	9.3				1.6	
LT	STA 461+20	120th St.	HMA	15	63.3	63.3	7.1	0.6		
LT	STA 469+31	CE	HMA	8	37.8	37.8	4.2	0.3		
LT	STA 476+66	FE	GRAVEL	4	13.8				2.4	
RT	STA 488+10	125th St.	HMA	30	150.0	150.0	16.8	1.3		
LT	STA 495+72	CE	GRAVEL	4	15.1				2.6	
RT	STA 498+45	PE	GRAVEL	4	15.1				2.6	
RT	STA 507+50	135th St.	HMA	30	126.7	127.0	14.2	1.1		
RT	STA 516+90	135th St.	HMA	30	120.0	120.0	13.4	1.1		
LT	STA 517+00	135th St.	HMA	30	111.7	111.7	12.5	1.0		
LT	STA 527+00	135th St.	HMA	30	216.7	216.7	24.3	1.9		
RT	STA 531+83	PE	GRAVEL	4	9.3				1.6	
LT	STA 557+90	137th St.	GRAVEL	30	126.7				21.6	

NOTE: SCHEDULE CONTINUES ON SHEET 14

MODEL: Default  
 FILE: \\mfrs-pw-beadley.com\P\INDOT\Documents\INDOT\Office\Dir\rdet\_4\Project\ID\_68E30\CADD\Info\CAD\Sheets\ID\_68E30\shc-schedule.dgn

USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:100	CHECKED -	REVISED -
PLOT DATE = 12/15/2023	DATE -	REVISED -

**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.
639	(123,124)RS-4	MERCER	88	13
CONTRACT NO. 68E30			ILLINOIS FED. AID PROJECT	

SIDEROAD AND ENTRANCE SCHEDULE										
LOCATION		TYPE	MATERIAL	LENGTH	AREA	HMA SURFACE REMOVAL- BUTT JOINT	INCIDENTAL HMA SURFACING	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	AGGREGATE SURFACE COURSE TYPE A	
SIDE	STATION			FOOT	SQ FT	SQ YD	TON	POUND	TON	
RT	STA 569+04	PE	GRAVEL	4	12.4				2.1	
RT	STA 571+10	140th St.	HMA	30	188.3	188.3	21.1	1.7		
LT	STA 571+10	140th St.	HMA	30	240.0	240.0	26.9	2.1		
RT	STA 582+82	FE	GRAVEL	4	11.1				1.9	
RT	STA 584+64	PE	GRAVEL	4	7.8				1.3	
RT	STA 585+65	PE	GRAVEL	4	8.2				1.4	
RT	STA 586+67	PE	GRAVEL	4	10.4				1.8	
LT	STA 595+27	FE	GRAVEL	4	12.9				2.2	
RT	STA 599+05	FE	GRAVEL	4	11.6				2.0	
LT	STA 611+29	FE	GRAVEL	4	10.4				1.8	
RT	STA 623+22	FE	GRAVEL	4	8.9				1.5	
LT	STA 624+70	151st St.	HMA	30	185.0	185.0	20.7	1.6		
LT	STA 630+16	FE	GRAVEL	4	9.6				1.6	
RT	STA 635+33	PE	GRAVEL	4	12.4				2.1	
LT	STA 637+92	FE	GRAVEL	4	12.2				2.1	
LT	STA 649+80	PE	GRAVEL	4	15.6				2.7	
LT	STA 651+70	PE	HMA	8	44.0	44.0	4.9	0.4		
RT	STA 651+74	155th St.	HMA	30	151.7	151.7	17.0	1.3		
LT	STA 660+30	PE	GRAVEL	4	9.8				1.7	
LT	STA 661+72	PE	HMA	8	32.4	32.4	3.6	0.3		
LT	STA 666+68	CE	GRAVEL	4	18.2				3.1	
RT	STA 673+29	PE	GRAVEL	4	19.8				3.4	
LT	STA 679+27	160th St.	HMA	30	135.0	135.0	15.1	1.2		
RT	STA 691+97	FE	GRAVEL	4	6.2				1.1	
LT	STA 693+63	FE	GRAVEL	4	8.2				1.4	
LT	STA 704+72	CE	GRAVEL	4	25.8				4.4	
RT	STA 705+82	CE	GRAVEL	4	20.4				3.5	
RT	STA 708+08	CE	GRAVEL	4	12.9				2.2	
LT	STA 718+69	PE	HMA	8	29.8	29.8	3.3	0.3		
LT	STA 731+80	2nd St.	HMA	30	318.3	318.3	35.7	2.8		
RT	STA 732+60	12th Ave.	HMA	30	358.3	358.3	40.1	3.2		
SIDEROAD AND ENTRANCE SUBTOTAL						5730.6	641.8	50.9	131.5	
TOTAL						*	642	*	131	

\* SEE MAINLINE RESURFACING SCHEDULE FOR TOTAL

DRAINAGE SCHEDULE						
LOCATION			TYPE	UTILITY	MANHOLES TO BE ADJUSTED	MANHOLE INFORMATION ONLY
STATIONING	OFFSET				EACH	EACH
396+98	LT	16.0	MANHOLE	STORM		1
401+30	LT	16.5	MANHOLE	STORM		1
405+51	LT	15.5	MANHOLE	STORM		1
409+81	LT	16.0	MANHOLE	STORM	1	
414+10	LT	16.0	MANHOLE	STORM	1	
TOTAL					2	3

MODEL: Default  
FILE: \\mainframe\pub\project\paw\benefit\com\paw\DOT\Documents\DOT\offices\Dir\ref\4\Project\DA\_68E30\CADD\Info\Cadd\sheet\DA68E30-shc-schedule.dgn

PAVEMENT MARKING SCHEDULE												
LOCATION			SIDE	LENGTH	MODIFIED URETHANE PAVEMENT MARKING				GROOVING FOR RECESSED PAVEMENT MARKING 7"	RAISED REFLECTIVE PAVEMENT MARKERS		
					6 INCH					REMOVAL	TWO-WAY AMBER	
					SOLID WHITE	SOLID YELLOW	SKIP DASH YELLOW	DOUBLE SOLID YELLOW				
STATION	LT/RT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH		
STA 282+00 TO STA 282+84	LT/RT	84	168	84	20			272	1	1		
STA 282+84 TO STA 292+36	LT/RT	952	1904		240			2144	12	12		
STA 292+36 TO STA 298+65	LT/RT	629	1258	629	160			2047	8	8		
STA 298+65 TO STA 351+60	LT/RT	5295	10590			10590		21180	66	66		
STA 351+60 TO STA 352+30	LT/RT	70				140		140	1	1		
STA 352+30 TO STA 356+27	LT/RT	397	794	397	100			1291	5	5		
STA 356+27 TO STA 392+48	LT/RT	3621	7242		910			8152	45	45		
STA 392+48 TO STA 393+22	LT/RT	74			20			20	1	1		
STA 393+22 TO STA 396+74	LT/RT	352	704		90			794	4	4		
STA 396+74 TO STA 397+53	LT/RT	79			20			20	1	1		
STA 397+53 TO STA 401+04	LT/RT	351	702		90			792	4	4		
STA 401+04 TO STA 401+80	LT/RT	76			20			20	1	1		
STA 401+80 TO STA 405+28	LT/RT	348	696		90			786	4	4		
STA 405+28 TO STA 406+01	LT/RT	73			20			20	1	1		
STA 406+01 TO STA 409+61	LT/RT	360	720		90			810	5	5		
STA 409+61 TO STA 409+69	LT/RT	8	8	8	0			16	0	0		
STA 409+69 TO STA 410+21	LT/RT	52	52	52	10			114	1	1		
STA 410+21 TO STA 413+80	LT/RT	359	718	359	90			1167	4	4		
STA 413+80 TO STA 414+00	LT/RT	20		20		40		60	0	0		
STA 414+00 TO STA 414+49	LT/RT	49		49		98		147	1	1		
STA 414+49 TO STA 414+96	LT/RT	47	94			94		188	1	1		
STA 414+96 TO STA 421+64	LT/RT	668	1336			1336		2672	17	17		
STA 421+64 TO STA 428+74	LT/RT	710	1420			1420		2840	9	9		
STA 428+74 TO STA 432+54	LT/RT	380	760			760		1520	10	10		
STA 432+54 TO STA 433+50	LT/RT	96	96			192		288	2	2		
STA 433+50 TO STA 436+33	LT/RT	283	566			566		1132	7	7		
STA 436+33 TO STA 442+53	LT/RT	620	1240			1240		2480	8	8		
STA 442+53 TO STA 448+50	LT/RT	597	1194	597	150			1941	7	7		
STA 448+50 TO STA 460+91	LT/RT	1241	2482		310			2792	16	16		
STA 460+91 TO STA 461+47	LT/RT	56	56		10			66	1	1		
STA 461+47 TO STA 487+84	LT/RT	2637	5274		660			5934	33	33		
STA 487+84 TO STA 488+48	LT/RT	64	64		20			84	1	1		
STA 488+48 TO STA 496+16	LT/RT	768	1536		190			1726	10	10		
STA 496+16 TO STA 504+65	LT/RT	849	1698	849	210			2757	11	11		
STA 504+65 TO STA 507+03	LT/RT	238	476			476		952	6	6		
STA 507+03 TO STA 508+15	LT/RT	112	112			224		336	3	3		
STA 508+15 TO STA 512+37	LT/RT	422	844			844		1688	11	11		
STA 512+37 TO STA 516+46	LT/RT	409	818			818		1636	5	5		
STA 516+46 TO STA 517+24	LT/RT	78				156		156	1	1		
STA 517+24 TO STA 522+54	LT/RT	530	1060			1060		2120	7	7		
STA 522+54 TO STA 526+71	LT/RT	417	834			834		1668	10	10		
STA 526+71 TO STA 527+46	LT/RT	75	75			150		225	2	2		
STA 527+46 TO STA 529+71	LT/RT	225	450			450		900	6	6		
STA 529+71 TO STA 542+90	LT/RT	1319	2638			2638		5276	16	16		
STA 542+90 TO STA 550+21	LT/RT	731	1462	731	180			2373	9	9		
STA 550+21 TO STA 557+98	LT/RT	777	1554		190			1744	10	10		
STA 557+98 TO STA 567+15	LT/RT	917	1834	917	230			2981	11	11		
STA 567+15 TO STA 570+86	LT/RT	371	742			742		1484	5	5		
STA 570+86 TO STA 571+96	LT	110				220		220				
STA 570+86 TO STA 571+96	RT	110	25					25	2	2		
STA 571+96 TO STA 572+06	LT/RT	10	20			20		40				
STA 572+06 TO STA 573+98	LT/RT	192	384	192	50			626	2	2		
STA 573+98 TO STA 623+01	LT/RT	4903	9806		1230			11036	61	61		
STA 623+01 TO STA 624+31	LT/RT	130	260	130	30			420	2	2		
STA 624+31 TO STA 625+10	LT/RT	79	79	79	20			178	1	1		

NOTE: PAVEMENT MARKING SCHEDULE CONTINUES ON SHEET 16

MODEL: Default  
FILE: \\m11c-pw-bentley.com\PWD\DOT\Documents\DOT Office\Dir\rdt\_4\Project\ID\_68E30\CADD\Drawn\CAD\Sheet\68E30-shc-schedule.dgn

USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:100	CHECKED -	REVISED -
PLOT DATE = 12/15/2023	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.
639	(123,124)RS-4	MERCER	88	15
CONTRACT NO. 68E30			ILLINOIS FED. AID PROJECT	

PAVEMENT MARKING SCHEDULE											
LOCATION		SIDE	LENGTH	MODIFIED URETHANE PAVEMENT MARKING				GROOVING FOR RECESSED PAVEMENT MARKING 7"	RAISED REFLECTIVE PAVEMENT MARKERS		
				6 INCH					REMOVAL	TWO-WAY AMBER	
				STATION	LT/RT	FOOT	FOOT	FOOT			FOOT
STA 625+10	TO STA 637+18	LT/RT	1208	2416	1208	300		3924	15	15	
STA 637+18	TO STA 651+62	LT/RT	1444	2888			2888	5776	18	18	
STA 651+62	TO STA 652+06	LT/RT	44	44			88	132	1	1	
STA 652+06	TO STA 667+54	LT/RT	1548	3096			3096	6192	19	19	
STA 667+54	TO STA 678+97	LT/RT	1143	2286	1143	290		3719	14	14	
STA 678+97	TO STA 679+56	LT/RT	59	59	59	10		128	1	1	
STA 679+56	TO STA 680+44	LT/RT	88	176	88	20		284	1	1	
STA 680+44	TO STA 719+28	LT/RT	3884	7768		970		8738	49	49	
STA 719+28	TO STA 728+74	LT/RT	946	1892	946	240		3078	12	12	
STA 728+74	TO STA 729+63	LT/RT	89	178			178	356	1	1	
STA 729+63	TO STA 731+16	LT/RT	153	306			306	612	4	4	
STA 731+16	TO STA 732+43	LT	127					0	5	5	
STA 732+43	TO STA 733+31	LT	88	88				88			
STA 731+16	TO STA 732+10	RT	94	94			188	282			
STA 732+10	TO STA 733+31	RT	121				242	242			
STA 733+31	TO STA 734+00	LT/RT	69	138			138	276	2	2	
SUBTOTALS				88274	8537	7280	32232	136323	610	610	
TOTAL				136323			136323	610	610		

ADA SCHEDULE								
LOCATION	SIDEWALK REMOVAL	PCC SIDEWALK 4 INCH	DETECTABLE WARNINGS	CLASS D PATCHES, TYPE II, 15 INCH	CLASS D PATCHES, TYPE IV, 15 INCH	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	GROOVING FOR RECESSED PAVEMENT MARKING 25"	RECTANGULAR RAPID FLASHING BEACON ASSEMBLY (COMPLETE)
	SQ FT	SQ FT	SQ FT	SQ YD	SQ YD	FOOT	FOOT	EACH
STA 397+00	104.0	129.4	20					
STA 401+20	78.4							
STA 405+30	92.0	107.5	20	9.3	25.6	54	54	2
TOTAL:	274	237	40	9	26	54	54	2

GUARDRAIL SCHEDULE											
STA. TO STA.	SIDE	LENGTH	STEEL PLATE BEAM GUARDRAIL, TYP A 9 FT POSTS	REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE 1	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	GUARDRAIL REMOVAL	TERMINAL DIRECT APPLIED	GUARDRAIL REFLECTORS TYPE A	AGGREGATE SHOULDER, TYPE B	GUARDRAIL AGGREGATE CONTROL	LENGTH OF NEED STATION
STATION	LT/RT	FOOT	FOOT	EACH	EACH	FOOT	EACH	EACH	TON	TON	
STA 282+87.50 TO STA 293+87.50	RT	1100.0	1000.0	2		989.0	2	15	55.7	154.7	293+87.50
STA 283+00.00 TO STA 298+00.00	LT	1500.0	1400.0	2		1400.0	2	20	75.9	211.0	283+12.50
STA 294+20.00 TO STA 298+32.50	RT	412.5	312.5	2		312.5	2	7	20.9	58.0	290+45.00
STA 304+25.00 TO STA 308+50.00	LT	425.0	325.0	2		275.0	2	7	21.5	59.8	304+75.00
STA 345+35.40 TO STA 345+97.90	LT	62.5	12.5	1		43.8	1	2	3.2	8.8	344+37.50
STA 353+80.00 TO STA 356+42.50	RT	262.5	162.5	2		50.4	2	5	13.3	36.9	351+12.50
STA 360+43.00 TO STA 363+05.50	RT	262.5	162.5	1	1	78.1	2	5	13.3	36.9	357+87.50
STA 434+75.00 TO STA 441+25.00	LT	650.0	550.0	2		169.4	2	10	32.9	91.4	435+50.00
STA 434+50.00 TO STA 441+37.50	RT	687.5	587.5	2		20.5	2	10	34.8	96.7	433+87.50
STA 529+87.50 TO STA 533+25.00	LT	337.5	237.5		2	149.8	2	6	17.1	47.5	529+62.50
STA 529+70.00 TO STA 531+70.00	RT	200.0	100.0	2		19.4	2	4	10.1	28.1	527+95.00
STA 642+76.80 TO STA 645+26.80	RT	250.0	150.0	1	1	146.3	2	5	12.7	35.2	640+89.30
SUBTOTAL		6150	5000.0	19.0	4.0	3654.2	23.0	96.0	311.3	865.0	
TOTAL		6150	5000	19	4	3654	23	96	*	865	

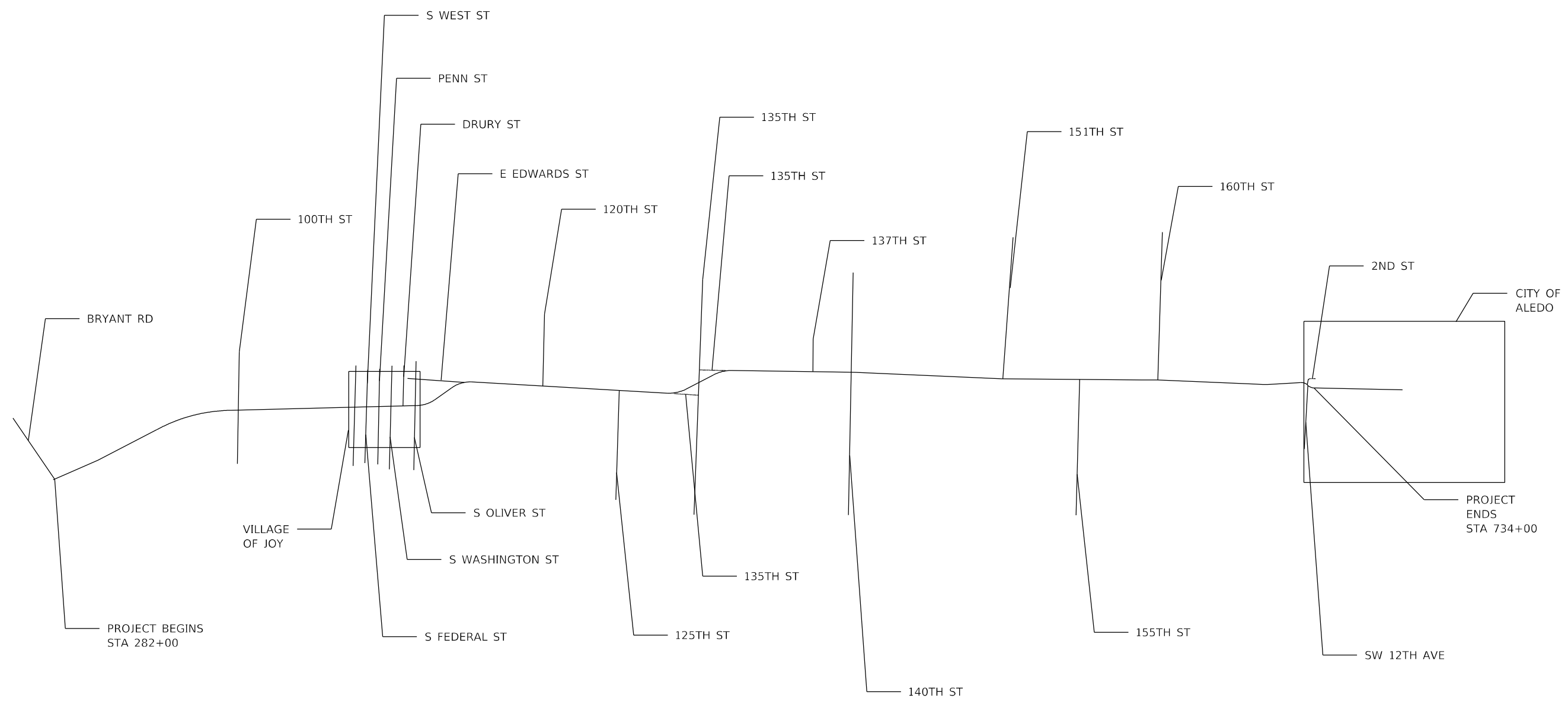
\*SEE AGGREGATE SHOULDER SCHEDULE FOR TOTAL

MODEL: Default; FILE: \\nafe\p\project\paw\benefit\com\p\INDOT\Documents\INDOT\_Offices\Director\_d\Project\DA\_68E30\CADD\DA\_68E30\CADD\DA\_68E30\CADD\sheet\DA\_68E30\paw-schedule.dgn

USER NAME = \$USERS	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULE OF QUANTITIES</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN -	REVISED -	639						(123,124)RS-4	MERCER	88	16	
PLOT SCALE = 1:100	CHECKED -	REVISED -		SCALE: SHEET 6 OF 6 SHEETS STA. TO STA.				CONTRACT NO. 68E30				
PLOT DATE = 12/15/2023	DATE -	REVISED -						ILLINOIS FED. AID PROJECT				



MODEL: Default  
 FILE: \\mfrs-pw-bentley.com\PW\DOT\Documents\DOT Offices\Dirlet.4\Project\ID\_68E30\CADD\DATA\CAD\sheet\1\68E30-sh-line\_digram.dgn



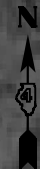
USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:100	CHECKED -	REVISED -
PLOT DATE = 12/15/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**LINE DIAGRAM**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	(123,124)RS-4	MERCER	88	17
CONTRACT NO. 68E30			ILLINOIS FED. AID PROJECT	



MODEL: Default  
 FILE: \\MAILSrv01\pub\ludect\aw\_bentley.com\PIV\DOT\Documents\DOT Office\District 4\Projects\ID4\_68E30\CADD\Drawn\CAD\sheet\ID468E30-sh-cou-of-rail.dgn



LEGEND	
(A)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL TANGENT)
(B)	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS

USER NAME = \$USERS	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GUARDRAIL DETAILS LOCATION 1</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = 1:40	DRAWN -	REVISED -		SCALE: 1:20	SHEET 1	OF 11 SHEETS	STA. 282+00	TO STA.	639	(123,124)RS-4	MERCER	88	18
PLOT DATE = 12/15/2023	CHECKED -	REVISED -		CONTRACT NO. 68E30									
	DATE -	REVISED -		ILLINOIS FED. AID PROJECT									



MODEL: Default  
 FILE: \\MAILSrv01\public\new\benfry.com\PIV\DOT\Documents\DOT Office\Dir\frt\_4\proj\68E30\CAD\Drawings\CAD\sheet\68E30-59-36.dwg

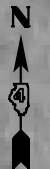


**LEGEND**

(A) TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL TANGENT)

(B) STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS

	USER NAME = \$USERS	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GUARDRAIL DETAILS LOCATION 1</b>	F.A.P. RTE. 639	SECTION (123,124)RS-4	COUNTY MERCER	TOTAL SHEETS 88	SHEET NO. 19
	PLOT SCALE = 1:40	CHECKED -	REVISED -		SCALE: 1:20	SHEET 2 OF 11 SHEETS		STA.	TO STA.	
	PLOT DATE = 12/15/2023	DATE -	REVISED -		CONTRACT NO. 68E30					
ILLINOIS FED. AID PROJECT										



PI STA. = 297+45.25  
 $\Delta = 4^\circ 14' 34''$  (LT)  
 $D = 0^\circ 26' 12''$   
 $R = 13,117.55'$   
 $T = 485.89'$   
 $L = 971.34'$   
 $E = 9.00'$   
 $e = \underline{\hspace{1cm}}$   
 $T.R. = \underline{\hspace{1cm}}$   
 $S.E. RUN = \underline{\hspace{1cm}}$   
 P.C. STA. = 292+59.36  
 P.T. STA. = 302+30.70

LEGEND	
(A)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL TANGENT)
(B)	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS

MODEL: Default  
 FILE: \\MAILSrv\pub\ludect-pw\beefm\com\PIV\DOT\Documents\DOT Office\District 4\Project\104\_68E30\CADD\Draws\CAD\Draws\10468E30-5h-C\guardrail.dgn

USER NAME = \$USERS	DESIGNED -	REVISED -
PLOT SCALE = 1:40	DRAWN -	REVISED -
PLOT DATE = 12/15/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>GUARDRAIL DETAILS</b>	
<b>LOCATION 1</b>	
SCALE: 1:20	SHEET 3 OF 11 SHEETS
STA. _____	TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	(123,124)RS-4	MERCER	88	20
CONTRACT NO. 68E30				
ILLINOIS FED. AID PROJECT				



MODEL: Default  
 FILE: \\MAILSrv01\pub\ludact-cw-beh\m\com\PIV\DOT\Documents\DOT Office\Dir\trct\_4\Project\ID4\_68E30\CADD\Drawings\CADD\sheet\ID468E30-sh-68E30-draw.dgn



**LEGEND**

(A) TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL TANGENT)  
 (B) STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS

USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:40	CHECKED -	REVISED -
PLOT DATE = 12/15/2023	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**GUARDRAIL DETAILS**  
**LOCATION 2**

SCALE: 1:20    SHEET 4    OF 11 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	(123,124)RS-4	MERCER	88	21
CONTRACT NO. 68E30				
ILLINOIS FED. AID PROJECT				

MODEL: Default  
 FILE: \\MAILSrv\pub\subject-new\benfey.com\PIV\DOT\Documents\DOT Office\District 4\Project\104\_68E30\CADD\Drawn\CAD\sheet\10468E30-sh-6-us-dr-ill.dgn



**LEGEND**

Ⓐ TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL TANGENT)  
 Ⓑ STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS

USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:40	CHECKED -	REVISED -
PLOT DATE = 12/15/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

GUARDRAIL DETAILS LOCATION 3			
SCALE: 1:20	SHEET 5	OF 11 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	(123,124)RS-4	MERCER	88	22
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68E30	



- (A) TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL TANGENT)
- (B) STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS

MODEL: Default  
 FILE: \\na16c-pw\subject-pw\benfry.com\PIV\DOT\Documents\DOT Office\District 4\Projects\ID4\_68E30\CADD\Draws\CAD\Drawings\ID468E30-SH-C6830.dwg

USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:40	CHECKED -	REVISED -
PLOT DATE = 12/15/2023	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**GUARDRAIL DETAILS**  
**LOCATION 4**

SCALE: 1:20    SHEET 6    OF 11 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	(123,124)RS-4	MERCER	88	23
CONTRACT NO. 68E30				
ILLINOIS FED. AID PROJECT				



**LEGEND**

- (A) TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL TANGENT)
- (B) STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS

MODEL: Default  
 FILE: \\nafe.pva\ulsect-pw\benefy.com\PIV\DOT\Documents\DOT Offices\District 4\Projects\104\_68E30\CADD\104\_68E30\CADD\sheet\10468E30-shc-Cous-of-ill.dgn

USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:40	CHECKED -	REVISED -
PLOT DATE = 12/15/2023	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>GUARDRAIL DETAILS</b> <b>LOCATION 5</b>			
SCALE: 1:20	SHEET 7	OF 11 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	(123,124)RS-4	MERCER	88	24
			CONTRACT NO. 68E30	
		ILLINOIS	FED. AID PROJECT	



MODEL: Default  
 FILE NAME: \\saw-bee.com\PIV\DOT\Documents\DOT Office\Dir\trt\_4\Projects\104\_68E30\CADD\Drawings\CADD\sheet\104\_68E30\trt\_4\guardrail.dgn



**LEGEND**

- (A) TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL TANGENT)
- (B) STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS

USER NAME = \$USERS	DESIGNED -	REVISED -
PLOT SCALE = 1:40	DRAWN -	REVISED -
PLOT DATE = 12/15/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**GUARDRAIL DETAILS  
 LOCATION 6**

SCALE: 1:20    SHEET 8    OF 11    SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	(123,124)RS-4	MERCER	88	25
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68E30	



LEGEND	
(A)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL TANGENT)
(B)	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS

MODEL: Default  
 FILE: \\nafe-pw-bentley.com\P\DOT\Documents\DOT Offices\District 4\Projects\ID4\_68E30\CADD\Drawings\CADDsheets\ID468E30-5h-Cous-of-rail.dgn

USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:40	CHECKED -	REVISED -
PLOT DATE = 12/15/2023	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

GUARDRAIL DETAILS			
LOCATION 6			
SCALE: 1:20	SHEET 9	OF 11 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	(123,124)RS-4	MERCER	88	26
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68E30	



**LEGEND**

(A) TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL TANGENT)

(B) STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS

MODEL: Default  
 FILE: \\mfrs-pw-bentley.com\P\INDOT\Documents\INDOT Office\District 4\Projects\104\_68E30\CADD\Drawings\CAD\Drawings\104\_68E30\Sheet\104\_68E30-SH-CUS-DR-11.dgn

USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:40	CHECKED -	REVISED -
PLOT DATE = 12/15/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>GUARDRAIL DETAILS LOCATION 7</b>	
SCALE: 1:20	SHEET 10 OF 11 SHEETS
STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	(123,124)RS-4	MERCER	88	27
CONTRACT NO. 68E30				
ILLINOIS FED. AID PROJECT				



**LEGEND**

Ⓐ TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL TANGENT)  
 Ⓑ STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS

MODEL: Default  
 FILE: \\mlls-pw-bentley.com\P\DOT\Documents\DOT Offices\District 4\Projects\104\_68E30\CADD\Drawings\CADDsheets\10468E30-sh-cus-of-ill.dgn

USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:40	CHECKED -	REVISED -
PLOT DATE = 12/15/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>GUARDRAIL DETAILS LOCATION 8</b>			
SCALE: 1:20	SHEET 11	OF 11 SHEETS	STA. TO STA.

F.A.P. RTE. 639	SECTION (123,124)RS-4	COUNTY MERCER	TOTAL SHEETS 88	SHEET NO. 28
CONTRACT NO. 68E30				
ILLINOIS FED. AID PROJECT				

**GENERAL NOTES - REMOVAL**

1. WHERE PAVEMENT REMOVAL IS REQUIRED FOR INSTALLATION OF THE SIDEWALK, THE SAWCUTS SHALL BE MADE 1 FT BEYOND THE EDGE OF THE SIDEWALK TO ALLOW FOR PLACEMENT OF FORMS.SAWCUTTING OF THEPAVEMENT SHALL BE INCLUDED IN THE COST OF PCC SIDEWALK, 4"
2. SAWCUTTING THE SIDEWALK IS INCLUDED IN THE COST OF SIDEWALK REMOVAL.

**GENERAL NOTES - PLACEMENT**

1. ALL SIDEWALK SHOULD FOLLOW STANDARDS 424001-11.
2. SIDEWALK CROSS SLOPE = 1.5% (2% MAX)
3. UPPER LANDINGS AND LOWER LANDINGS SHALL BE 1.5% MAXIMUM IN ANY DIRECTION; INCLUDING DIAGONALLY. LANDINGS AND TURNING SPACES SHOULD HAVE A MINIMUM DIMENSION OF 4' BY 4', BUT 5' BY 5' IS PREFERRED.
4. MAXIMUM RAMP LONGITUDINAL SLOPE = 8.3% (1:12)
5. MAXIMUM SLOPE AROUND RADIUS = 2%
6. FLARES ARE 1.5' UNLESS OTHERWISE NOTED.
7. CONTRACTOR TO UTILIZE RADIAL DETECTABLE WARNING PANELS AROUND RADIUS. CONTRACTOR IS RESPONSIBLE FOR MEASURING THE RADIUS PRIOR TO ORDERING PANELS.
8. CONTRACTOR SHALL VERIFY REMOVAL LIMITS AND FIELD ELEVATIONS TO ENSURE THAT ADA STANDARDS ARE MET.
9. STREET WIDTHS ARE NOT SHOWN TO SCALE.
10. SAWCUTTING THE SIDEWALK IS CONSIDERED INCLUDED IN THE COST OF SIDEWALK REMOVAL.
11. ANY EXCAVATION OR AGGREGATE SUBBASE NECESSARY FOR THE PROPOSED SIDEWALK IS INCLUDED IN THE COST OF PCC SIDEWALK, 4".
12. UNLESS OTHERWISE NOTED IN THE PLANS, INCIDENTAL HMA SURFACE HAS THE DIMENSIONS OF 1' BY THE LENGTH OF SIDEWALK WITH A DEPTH OF 4". INCIDENTAL HMA SURFACE WILL BE PLACED WHERE THE SIDEWALK MEETS THE INTERSECTION.
13. SIGN RELOCATION IS INCLUDED IN THE COST OF THE CONTRACT PAY ITEMS.
14. CROSSWALK CROSS SLOPE = 2% MAX, CROSSWALK RUNNING SLOPE = 5% MAX

FEDERAL ST.

396

397

398



MODEL: Default  
 FILE: \\na16f02p01\project-pw\benfry.com\FW\DOT\Documents\DOT Office\District 4\Project\104\_68E30\CADD\Draws\CADDsheets\10468E30-SH-A04.dgn

USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:20	CHECKED -	REVISED -
PLOT DATE = 12/15/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK DETAILS**

SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	(123,124)RS-4	MERCER	88	29
CONTRACT NO. 68E30			ILLINOIS FED. AID PROJECT	

**GENERAL NOTES - REMOVAL**

1. WHERE PAVEMENT REMOVAL IS REQUIRED FOR INSTALLATION OF THE SIDEWALK, THE SAWCUTS SHALL BE MADE 1 FT BEYOND THE EDGE OF THE SIDEWALK TO ALLOW FOR PLACEMENT OF FORMS.SAWCUTTING OF THEPAVEMENT SHALL BE INCLUDED IN THE COST OF PCC SIDEWALK, 4"
2. SAWCUTTING THE SIDEWALK IS INCLUDED IN THE COST OF SIDEWALK REMOVAL.

**GENERAL NOTES - PLACEMENT**

1. ALL SIDEWALK SHOULD FOLLOW STANDARDS 424001-11.
2. SIDEWALK CROSS SLOPE = 1.5% (2% MAX)
3. UPPER LANDINGS AND LOWER LANDINGS SHALL BE 1.5% MAXIMUM IN ANY DIRECTION; INCLUDING DIAGONALLY. LANDINGS AND TURNING SPACES SHOULD HAVE A MINIMUM DIMENSION OF 4' BY 4', BUT 5' BY 5' IS PREFERRED.
4. MAXIMUM RAMP LONGITUDINAL SLOPE = 8.3% (1:12)
5. MAXIMUM SLOPE AROUND RADIUS = 2%
6. FLARES ARE 1.5' UNLESS OTHERWISE NOTED.
7. CONTRACTOR TO UTILIZE RADIAL DETECTABLE WARNING PANELS AROUND RADIUS. CONTRACTOR IS RESPONSIBLE FOR MEASURING THE RADIUS PRIOR TO ORDERING PANELS.
8. CONTRACTOR SHALL VERIFY REMOVAL LIMITS AND FIELD ELEVATIONS TO ENSURE THAT ADA STANDARDS ARE MET.
9. STREET WIDTHS ARE NOT SHOWN TO SCALE.
10. SAWCUTTING THE SIDEWALK IS CONSIDERED INCLUDED IN THE COST OF SIDEWALK REMOVAL.
11. ANY EXCAVATION OR AGGREGATE SUBBASE NECESSARY FOR THE PROPOSED SIDEWALK IS INCLUDED IN THE COST OF PCC SIDEWALK, 4".
12. UNLESS OTHERWISE NOTED IN THE PLANS, INCIDENTAL HMA SURFACE HAS THE DIMENSIONS OF 1' BY THE LENGTH OF SIDEWALK WITH A DEPTH OF 4". INCIDENTAL HMA SURFACE WILL BE PLACED WHERE THE SIDEWALK MEETS THE INTERSECTION.
13. SIGN RELOCATION IS INCLUDED IN THE COST OF THE CONTRACT PAY ITEMS.
14. CROSSWALK CROSS SLOPE = 2% MAX, CROSSWALK RUNNING SLOPE = 5% MAX



MODEL: Default  
 FILE: \\nafe-pw-bentley.com\FW\DOT\Documents\DOT Office\Dir\rt 4\Project\104\_68E30\CADD\104\_68E30\CADD\104\_68E30-SH-ADA.dgn

USER NAME = \$USERS	DESIGNED -	REVISED -
PLOT SCALE = 1:20	DRAWN -	REVISED -
PLOT DATE = 12/15/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>ADA SIDEWALK DETAILS</b>			
SCALE:	SHEET 2	OF 3	SHEETS
	STA.		TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	(123,124)RS-4	MERCER	88	30
			CONTRACT NO. 68E30	
		ILLINOIS FED. AID PROJECT		

**GENERAL NOTES - REMOVAL**

- WHERE PAVEMENT REMOVAL IS REQUIRED FOR INSTALLATION OF THE SIDEWALK, THE SAWCUTS SHALL BE MADE 1 FT BEYOND THE EDGE OF THE SIDEWALK TO ALLOW FOR PLACEMENT OF FORMS.SAWCUTTING OF THEPAVEMENT SHALL BE INCLUDED IN THE COST OF PCC SIDEWALK, 4"
- SAWCUTTING THE SIDEWALK IS INCLUDED IN THE COST OF SIDEWALK REMOVAL.

**GENERAL NOTES - PLACEMENT**

- ALL SIDEWALK SHOULD FOLLOW STANDARDS 424001-11.
- SIDEWALK CROSS SLOPE = 1.5% (2% MAX)
- UPPER LANDINGS AND LOWER LANDINGS SHALL BE 1.5% MAXIMUM IN ANY DIRECTION; INCLUDING DIAGONALLY. LANDINGS AND TURNING SPACES SHOULD HAVE A MINIMUM DIMENSION OF 4' BY 4', BUT 5' BY 5' IS PREFERRED.
- MAXIMUM RAMP LONGITUDINAL SLOPE = 8.3% (1:12)
- MAXIMUM SLOPE AROUND RADIUS = 2%
- FLARES ARE 1.5' UNLESS OTHERWISE NOTED.
- CONTRACTOR TO UTILIZE RADIAL DETECTABLE WARNING PANELS AROUND RADIUS. CONTRACTOR IS RESPONSIBLE FOR MEASURING THE RADIUS PRIOR TO ORDERING PANELS.
- CONTRACTOR SHALL VERIFY REMOVAL LIMITS AND FIELD ELEVATIONS TO ENSURE THAT ADA STANDARDS ARE MET.
- STREET WIDTHS ARE NOT SHOWN TO SCALE.
- SAWCUTTING THE SIDEWALK IS CONSIDERED INCLUDED IN THE COST OF SIDEWALK REMOVAL.
- ANY EXCAVATION OR AGGREGATE SUBBASE NECESSARY FOR THE PROPOSED SIDEWALK IS INCLUDED IN THE COST OF PCC SIDEWALK, 4".
- UNLESS OTHERWISE NOTED IN THE PLANS, INCIDENTAL HMA SURFACE HAS THE DIMENSIONS OF 1' BY THE LENGTH OF SIDEWALK WITH A DEPTH OF 4". INCIDENTAL HMA SURFACE WILL BE PLACED WHERE THE SIDEWALK MEETS THE INTERSECTION.
- SIGN RELOCATION IS INCLUDED IN THE COST OF THE CONTRACT PAY ITEMS.
- CROSSWALK CROSS SLOPE = 2% MAX, CROSSWALK RUNNING SLOPE = 5% MAX

WASHINGTON ST.

RECTANGULAR RAPID FLASHING BEACON ASSEMBLY (COMPLETE)= 1.0 EACH  
 DISTANCE FROM EOP = 1.5 FT MIN. TO 6 FT MAX.  
 SEE RECTANGULAR RAPID FLASHING BEACON CONSTRUCTION DETAIL

404

CLASS D PATCH  
 9.3 SQ YD

405 + 0

24" PAVEMENT MARKING  
 SEE DETAIL A

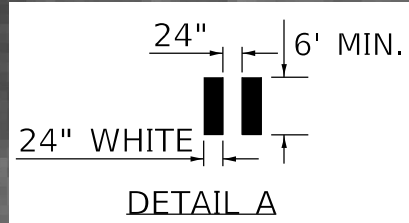
406

REMOVE EXISTING SIGN ASSEMBLY  
 INCLUDED WITH RECTANGULAR RAPID  
 FLASHING BEACON ASSEMBLY (COMPLETE)

CLASS D PATCH  
 25.6 SQ YD

REMOVE EXISTING SIGN ASSEMBLY  
 INCLUDED WITH RECTANGULAR RAPID  
 FLASHING BEACON ASSEMBLY (COMPLETE)

RECTANGULAR RAPID FLASHING BEACON ASSEMBLY (COMPLETE)= 1.0 EACH  
 DISTANCE FROM EOP = 1.5 FT MIN. TO 6 FT MAX.  
 SEE RECTANGULAR RAPID FLASHING BEACON CONSTRUCTION DEATIL



MODEL: Default  
 FILE: \\MAILSrv\pub\submit-pw-beam\com\PIV\DOT\Documents\DOT Office\Director\_4\Project\104\_68E30\CADD\Draws\CADDsheets\10468E30-SH-A04.dgn

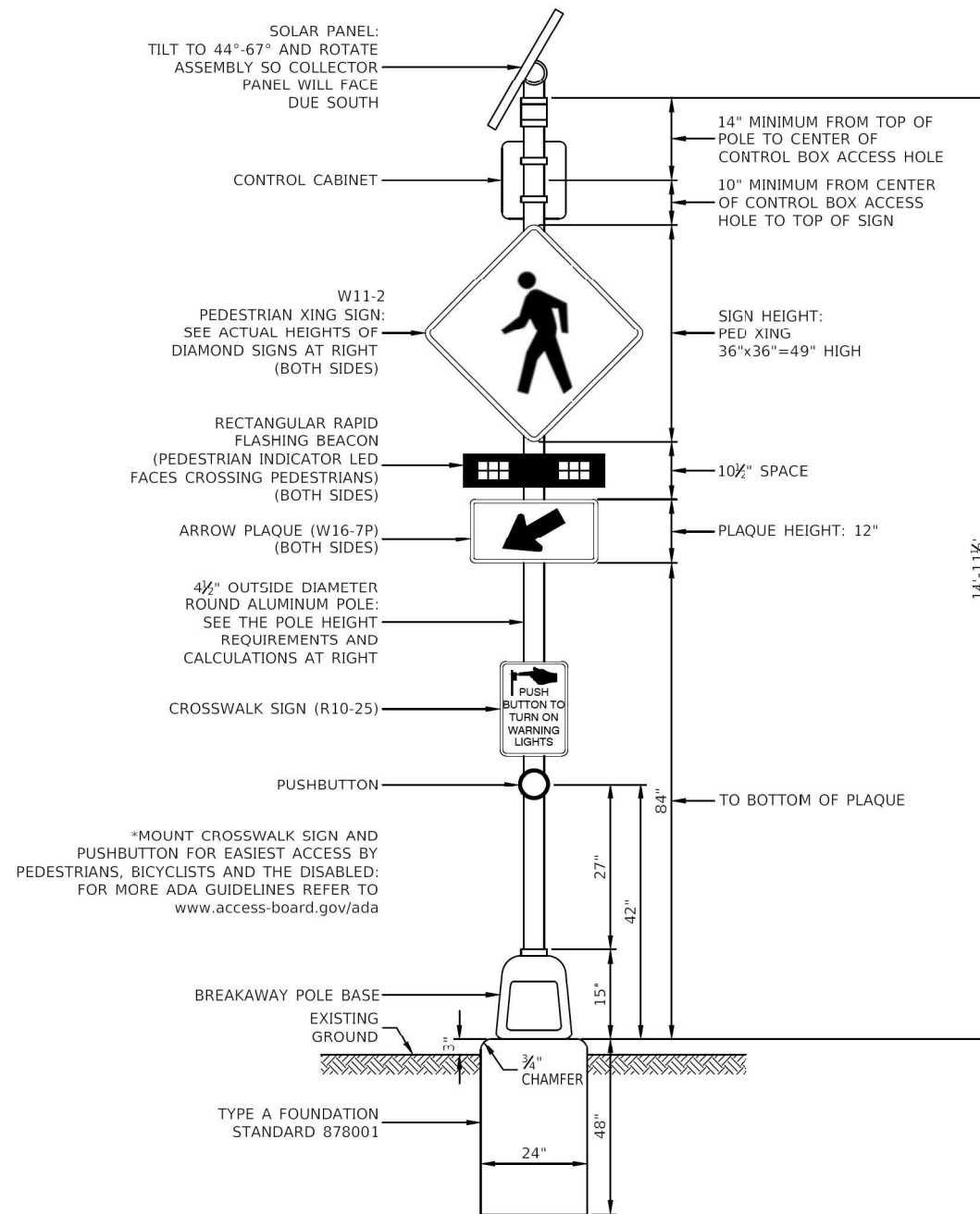
USER NAME = \$USERS	DESIGNED -	REVISED -
PLOT SCALE = 1:20	DRAWN -	REVISED -
PLOT DATE = 12/15/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ADA SIDEWALK DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	(123,124)RS-4	MERCER	88	31
CONTRACT NO. 68E30			ILLINOIS FED. AID PROJECT	



\*MOUNT CROSSWALK SIGN AND PUSHBUTTON FOR EASIEST ACCESS BY PEDESTRIANS, BICYCLISTS AND THE DISABLED: FOR MORE ADA GUIDELINES REFER TO [www.access-board.gov/ada](http://www.access-board.gov/ada)

### TYPICAL RECTANGULAR RAPID FLASHING BEACON CONFIGURATION

### NOTES

1. THE SCHEDULE OF QUANTITIES LISTS ITEMS INCLUDED FOR ONE COMPLETE ASSEMBLY.
2. SEE THE SPECIAL PROVISIONS FOR RECTANGULAR RAPID FLASHING BEACON ASSEMBLY (COMPLETE) FOR FURTHER DETAILS.
3. PEDESTRIAN CROSSING SIGNS, ARROW PLAQUES, AND RRFB SHALL BE INSTALLED FACING BOTH DIRECTIONS OF VEHICLE TRAFFIC ON EACH SIDE OF THE CROSSWALK.

### SCHEDULE OF QUANTITIES PER ASSEMBLY

ITEM	UNIT	QUAN
SOLAR PANEL	EACH	1
CONTROL CABINET AND ELECTRICAL COMPONENTS	EACH	1
RRFB-XL	EACH	2
PEDESTRIAN PUSHBUTTON	EACH	1
4 1/2" DIAMETER ALUMINUM POLE AND BREAKAWAY BASE	EACH	1
P.C.C. FOUNDATION	EACH	1
PEDESTRIAN CROSSING SIGN	EACH	2
ARROW PLAQUE	EACH	2
CROSSWALK SIGN	EACH	1

MODEL: Default  
FILE: \\nafe-pw-backend.com\PI\DOT\Documents\DOT\_offices\Dir\ret. al\Project\104\_68E30\CADD\104\_68E30\CAD\Sheet\104\_68E30-32-Details.dgn

USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:100	CHECKED -	REVISED -
PLOT DATE = 12/15/2023	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

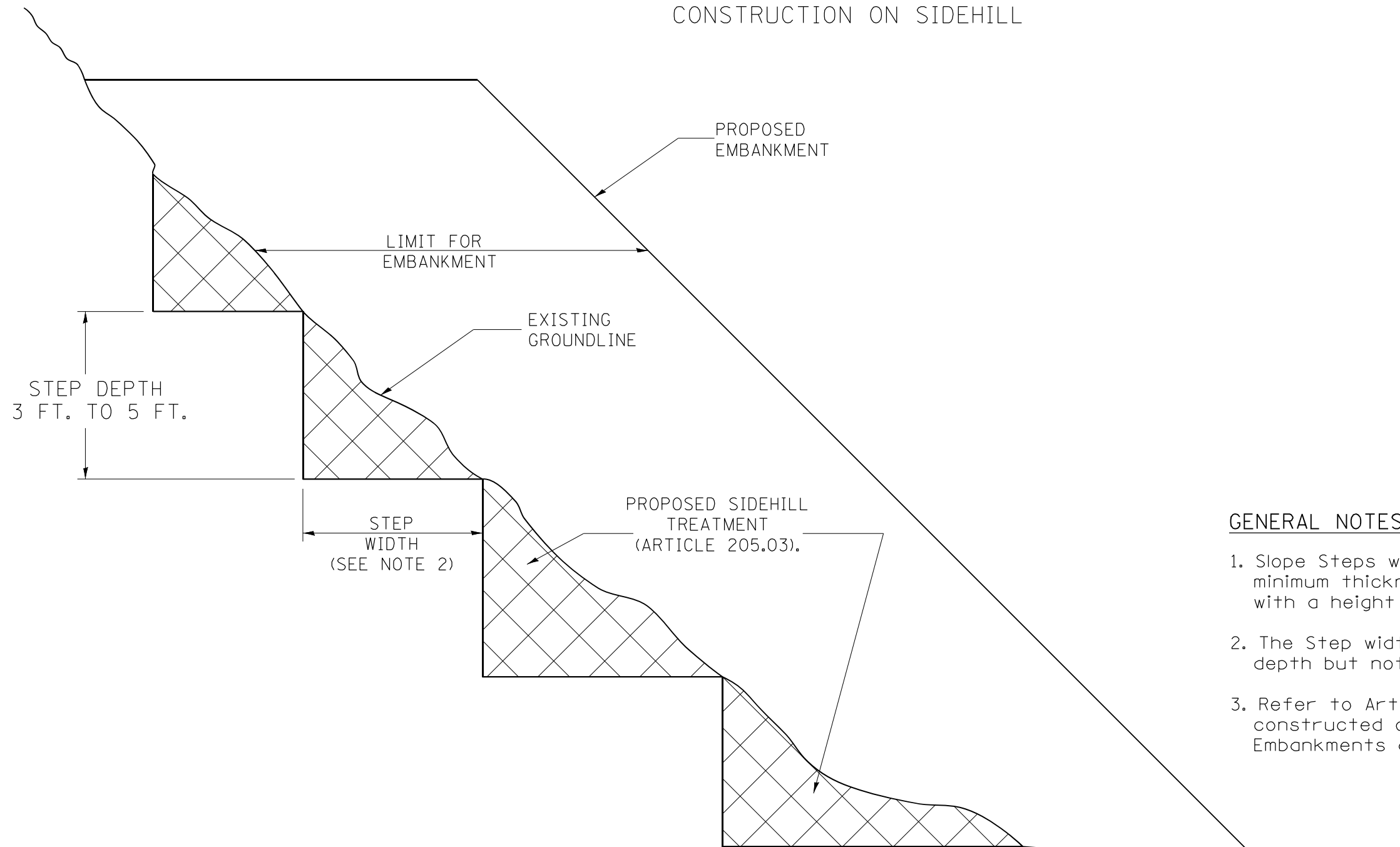
RECTANGULAR RAPID FLASHING  
BEACON CONSTRUCTION DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	(123,124)RS-4	MERCER	88	32
CONTRACT NO. 68E30			ILLINOIS FED. AID PROJECT	



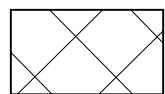
**SLOPE STEPS DETAIL**  
 TYPICAL CROSS-SECTION EMBANKMENT  
 CONSTRUCTION ON SIDEHILL



**GENERAL NOTES:**

1. Slope Steps will be required for all 12(300) minimum thickness "sliver fills" and on all fills with a height of 10 feet or greater.
2. The Step width shall be twice the Step depth but not less than 6 feet.
3. Refer to Article 205.03 for Embankment to be constructed on Hillside or Slopes, or if existing Embankments are to be widened.

**REPLACEMENT MATERIAL:**



STANDARD EMBANKMENT  
 (IN ACCORDANCE WITH  
 205 OF THE STANDARD SPECIFICATION).

All dimensions are in inches (millimeters) unless otherwise noted.

1-1-97	RENUM. L-5.03, NEW REVISION BOX, REVISED TITLE BOX, REVISED GENERAL NOTES.	T.P.
10-16-06	REVISED TO 2007 SPEC.	M.A.
5-30-18	MINOR CORRECTION	R.D.

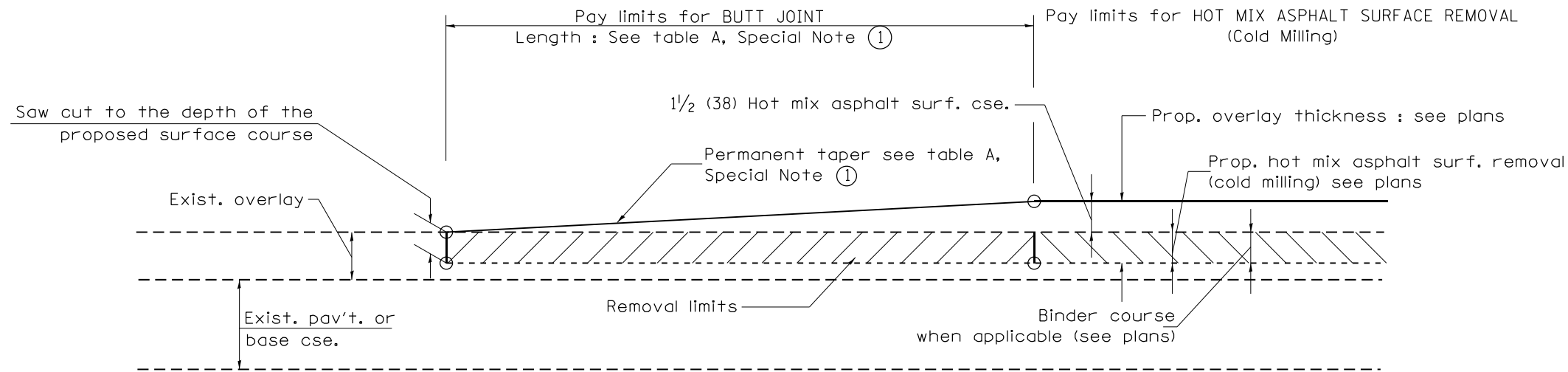
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SLOPE STEPS DETAIL**

NOT TO SCALE

CADD STD. 205001-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	(123,124)R5-4	MERCER	88	33
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68E30	



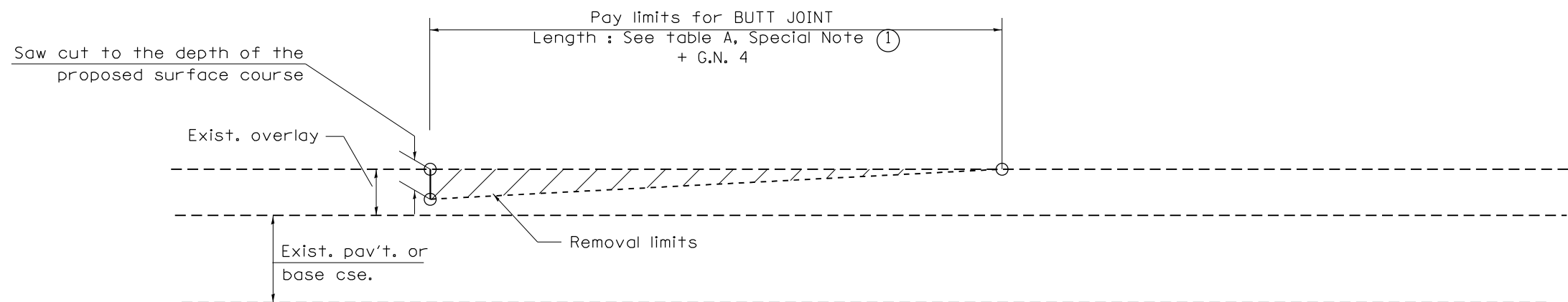
**CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)**

**TABLE A  
TAPER RATES**

SPECIAL NOTE NUMBER	ELEMENT	MAINLINE INTERSTATES & 4-LANE EXPRESSWAYS	ALL OTHERS
①	BUTT JOINT TAPER RATE	1:480	1:240
②	TEMPORARY RAMP TAPER RATE	1:80	1:40

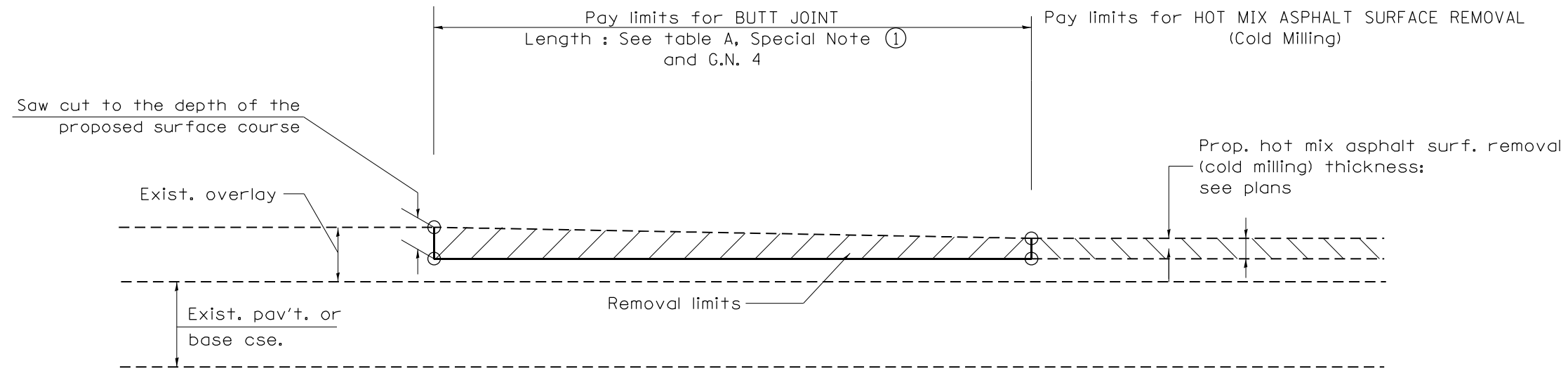
**GENERAL NOTES**

1. The work shall be done in accordance with Article 406.08 and the Special Provision for Butt Joints.
2. The pavement surface to be removed may be either bituminous or P.C. concrete. The work shall be performed in accordance with Article 440.04 and the Special Provisions for Butt Joints.
3. The saw cut joints shall be primed just prior to the placing of bituminous material. The work will be in accordance with the applicable portions of Article 406.05.
4. The length of butt joint is based on the taper rate times change in cold milling depth within the butt joint pay limits, unless otherwise indicated.
5. Temporary ramps are paid for separately and not included in the cost of the butt joints.

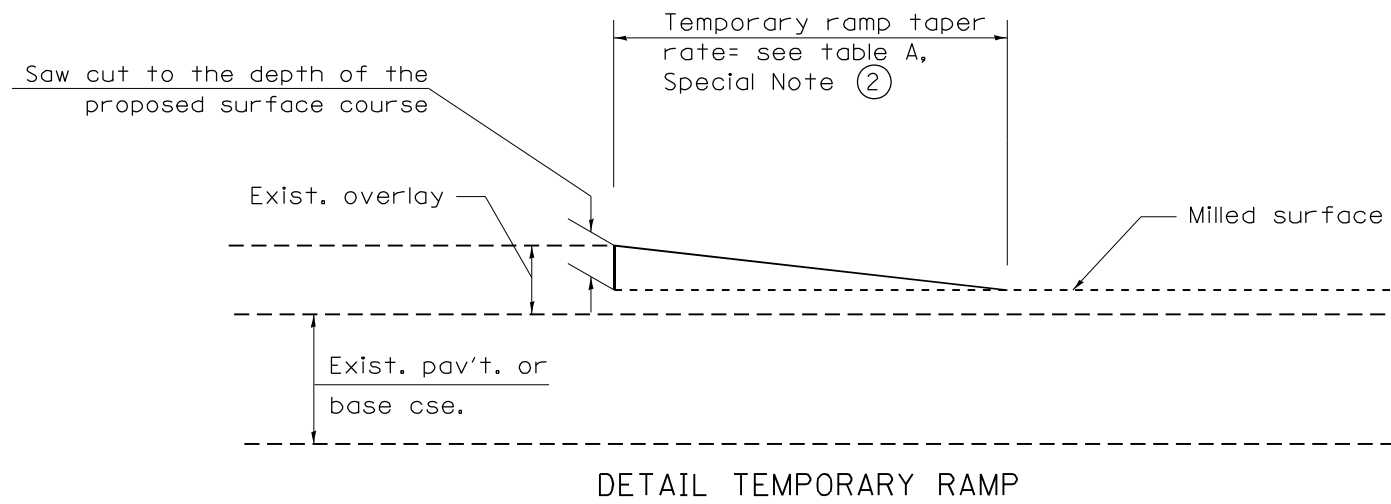


**CASE 2 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)**

All dimensions are in inches (millimeters) unless otherwise noted.



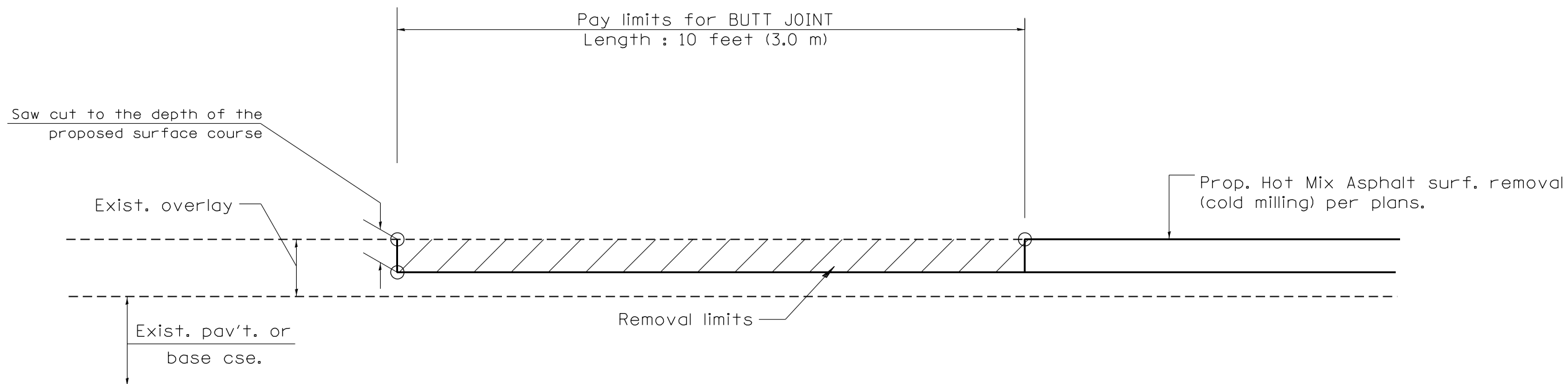
**CASE 3 : HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)  
TIE-IN TO EXISTING BITUMINOUS TAPER**



All dimensions are in inches (millimeters) unless otherwise noted.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				BUTT JOINTS				SHT. 2 OF 3	
								CADD STD. 406101-D4	
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
639	(123,124)RS-4	MERCER	88	35					

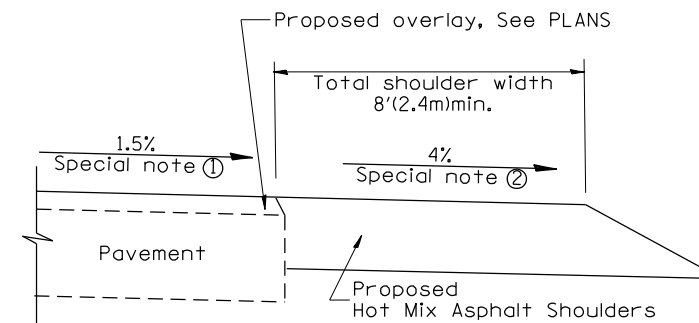
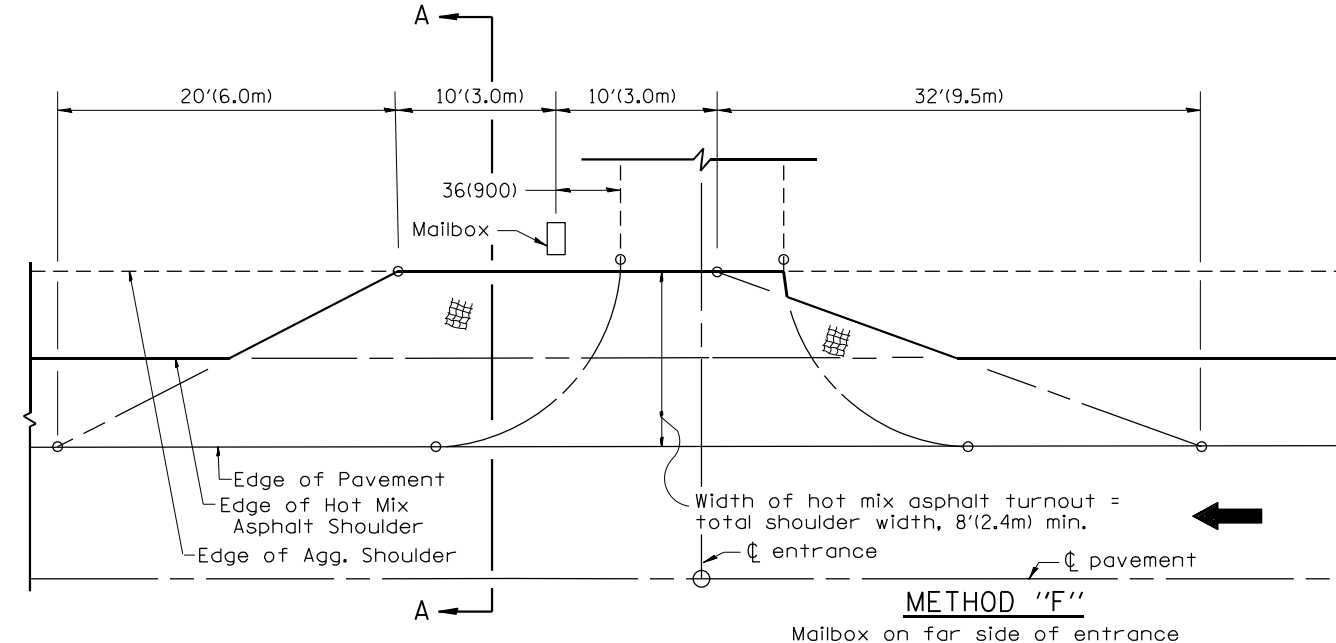
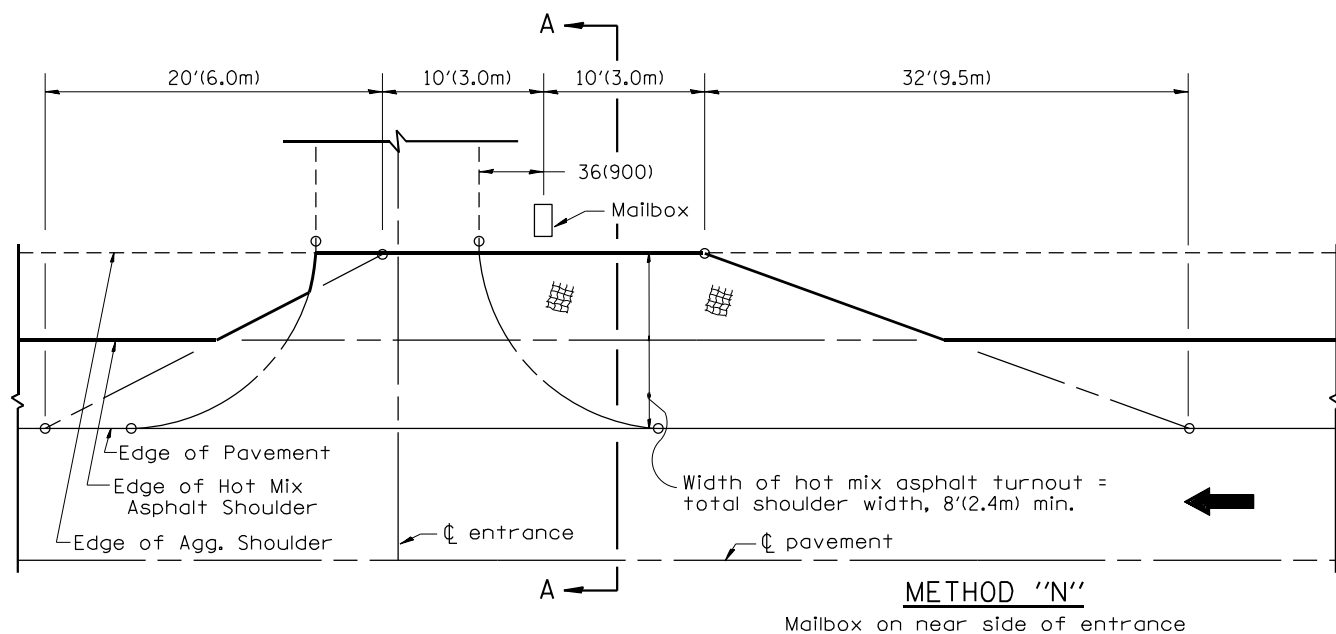
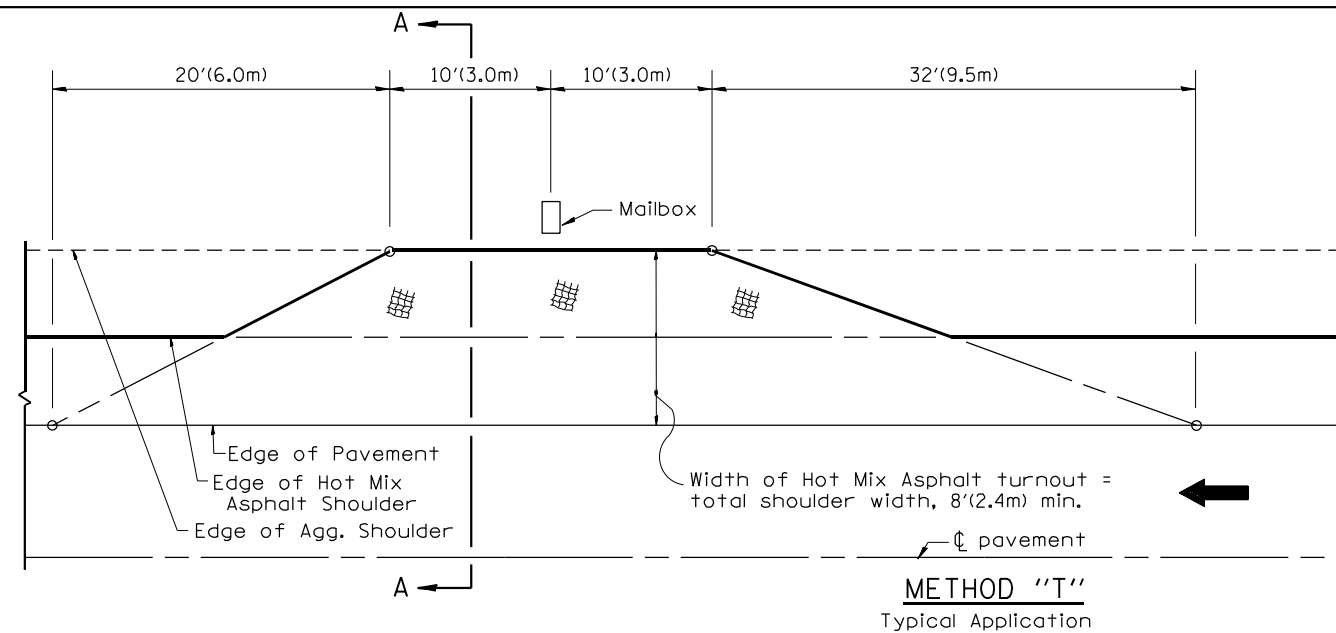
NOT TO SCALE



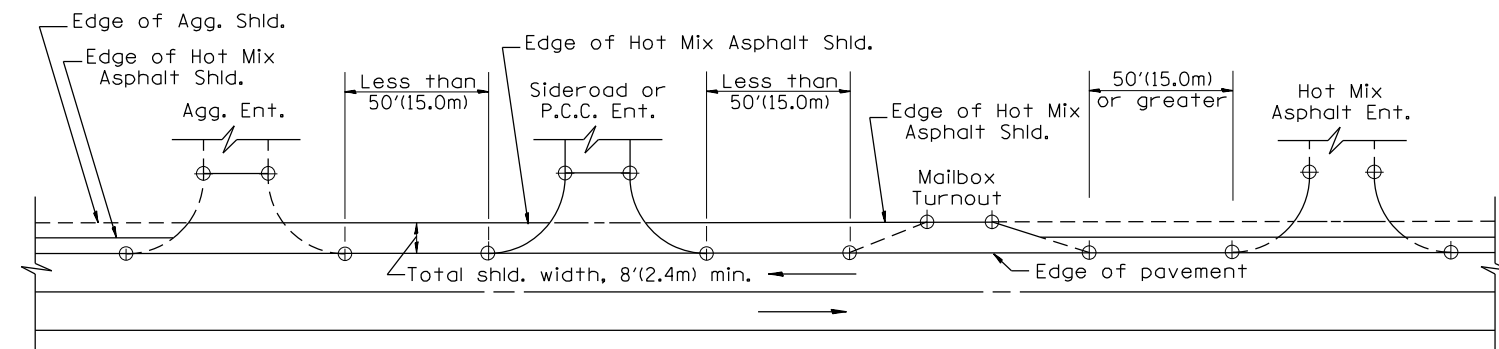
CASE 4 : SINGLE LIFT OVERLAY WITH EQUIVALENT DEPTH  
HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)  
TIE-IN TO EXISTING BITUMINOUS TAPER

All dimensions are in inches (millimeters) unless otherwise noted.

				<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>		<b>BUTT JOINTS</b>		SHT. 3 OF 3 CADD STD. 406101-D4		<table border="1"> <tr> <th>F.A.P. RTE.</th> <th>SECTION</th> <th>COUNTY</th> <th>TOTAL SHEETS</th> <th>SHEET NO.</th> </tr> <tr> <td>639</td> <td>(123,124)RS-4</td> <td>MERCER</td> <td>88</td> <td>36</td> </tr> <tr> <td colspan="3">FED. ROAD DIST. NO.</td> <td colspan="2">ILLINOIS FED. AID PROJECT</td> </tr> </table>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	639	(123,124)RS-4	MERCER	88	36	FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																						
639	(123,124)RS-4	MERCER	88	36																						
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT																							
				NOT TO SCALE				CONTRACT NO. 68E30																		



SECTION A-A



DETAIL A

SHOULDER TREATMENT FOR CLOSELY SPACED SIDEROADS, ENTRANCES, AND/OR MAILBOX TURNOUTS

GENERAL NOTES

- Mailbox turnouts shall slope away from the pavement edge at a rate equal to the shoulder slope. See SECTION A-A.
- The total shoulder width, 8'(2.4m) minimum, shall be paved between sideroads entrances and/or mailbox turnouts at locations where the distance between radius or taper control points is less than 50'(15.0m). See DETAIL A.
- Mailboxes shall be mounted such that the face of the mailbox is 6(150) to 12(300) and the post a minimum of 24(600) from the edge of the turnout surfacing.

SPECIAL NOTES

- The mainline pavement cross-slope is 1.5% for tangent alignment. See PLANS for cross-slope on superelevated horizontal curves.
- The shoulder slope shall control the turnout slope. The standard cross-slope is 4% for tangent alignment. Through superelevated curves, the maximum pavement-shoulder breakover should not be greater than 10% for shoulders 6'(1.8m) and wider and 12% for shoulders 4'(1.2m) and less. Where 12(300) paved shoulders are provided, the breakover should be at the edge of the paved shoulder rather than at the pavement edge.

All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	RENUM. C-90.01, NEW REVISION BOX	T.P.
07-01-97	REVISE DESIGNER NOTES	J.A.
09-15-05	REVISED DESIGNER NOTE	M.M.A.
10-16-06	REVISED TO 2007 SPEC.	M.A.

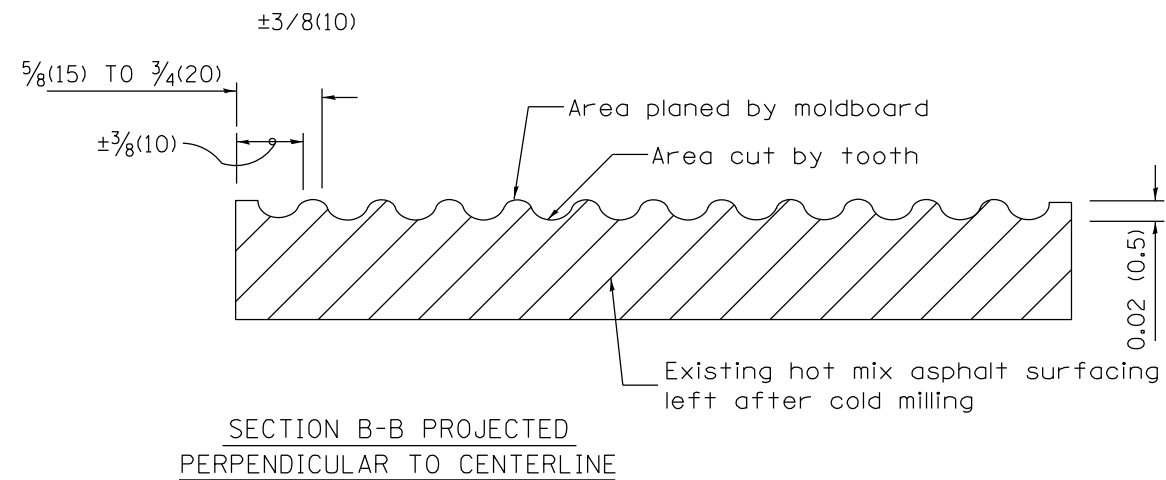
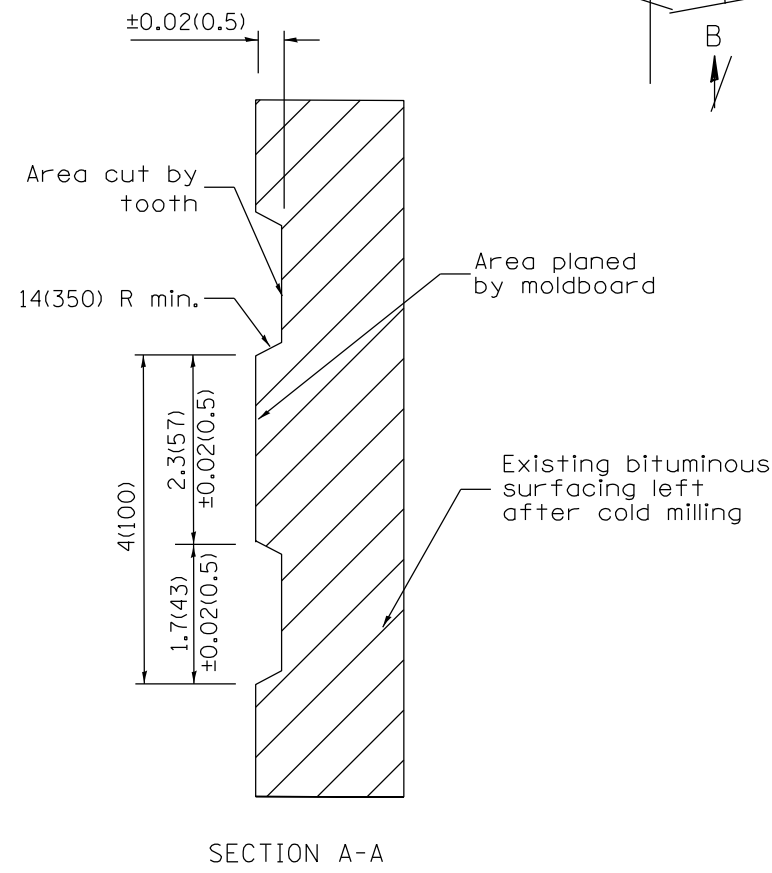
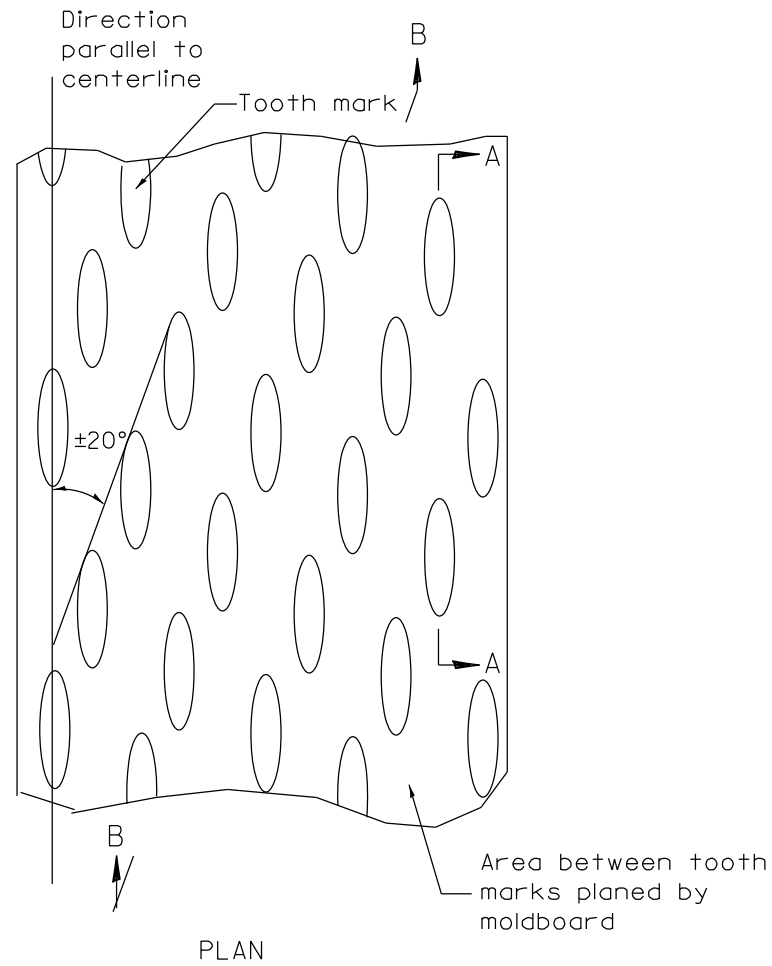
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MAILBOX TURNOUTS FOR "3R" PROJECTS

NOT TO SCALE

CADD STD. 406201-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	(123,124)RS-4	MERCER	88	37
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68E30	



General notes:

1. Coldmilling shall consist of two processes: Cutting with carbide teeth mounted on a rotating drum, and planing with a moldboard mounted immediately behind the cutting drum.
2. Other similar patterns will be acceptable if they consist of a smooth, flat, planed surface interspersed with a pattern of discontinuous longitudinal striations.

All dimensions are in inches (millimeters) unless otherwise noted.

MODEL: Default  
 FILE: 68E30\CADD\Drawings\DOT\Office\Drawings\68E30\CADD\Drawings\68E30-Subcontractile.dwg  
 PLOT DATE = 12/15/2023

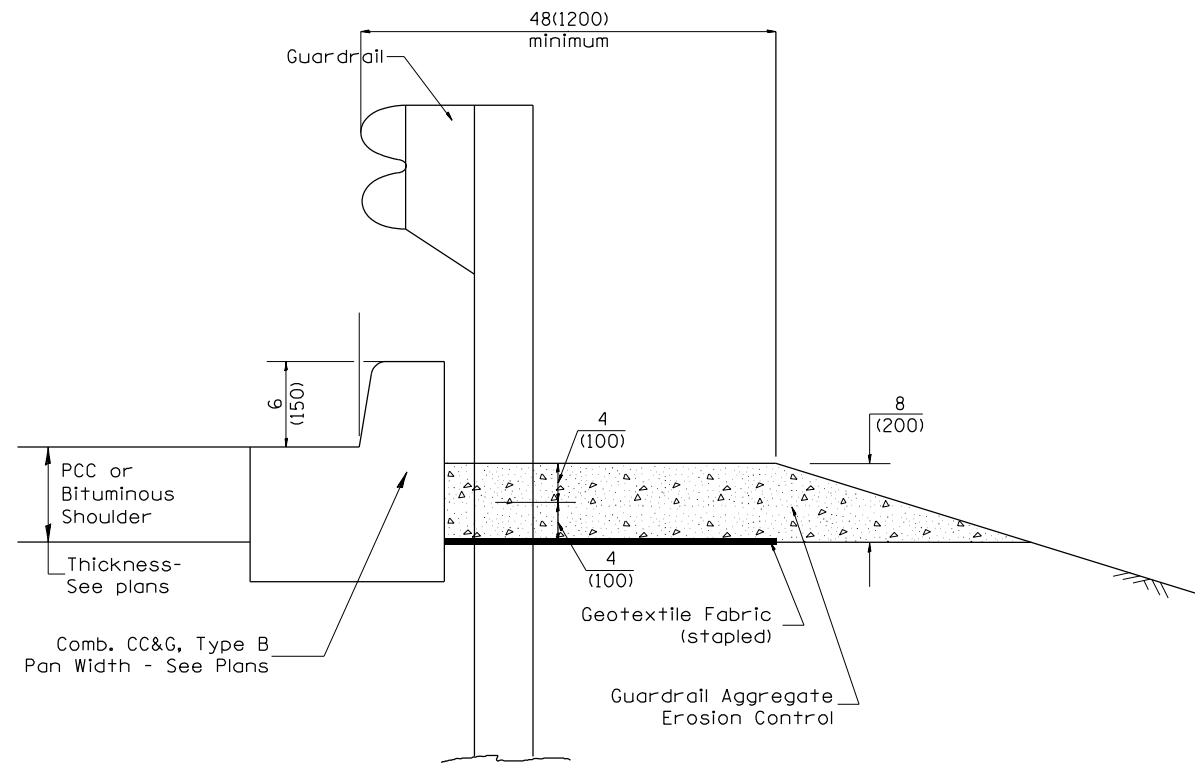
USER NAME = \$USERS	DESIGNED -	REVISED -
PLOT SCALE = 1:100	DRAWN -	REVISED -
PLOT DATE = 12/15/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)**  
 NOT TO SCALE CADD STD. 440001-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	(123,124)RS-4	MERCER	88	38
CONTRACT NO. 68E30			ILLINOIS FED. AID PROJECT	

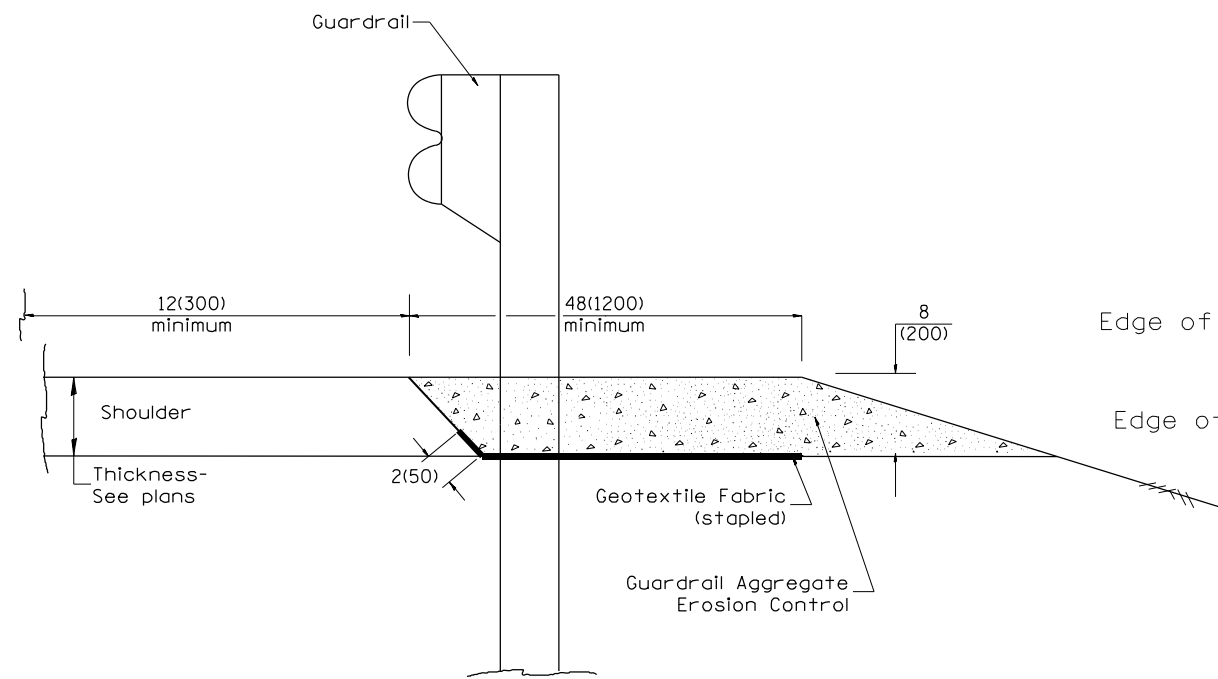
SCALE: SHEET OF SHEETS STA. TO STA.



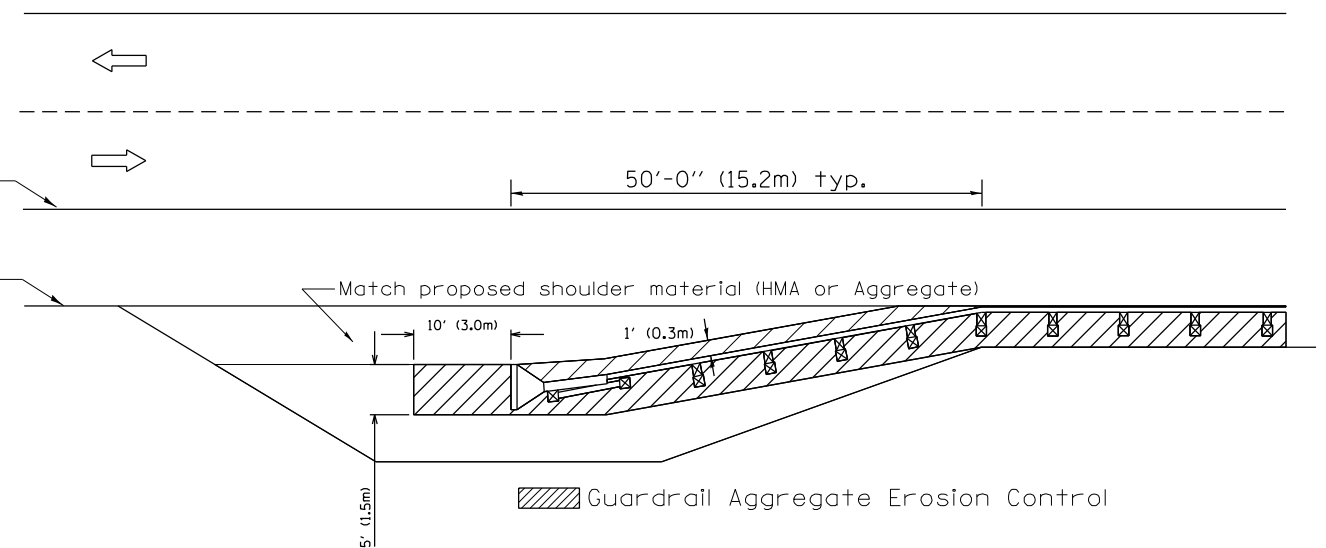
**TYPICAL SECTION WITH COMBINATION CONCRETE CURB & GUTTER**

**GENERAL NOTES: GUARDRAIL AGGREGATE EROSION CONTROL**

1. This work shall consist of grading as needed, furnishing and installing geotextile fabric and staples, and furnishing, placing and shaping crushed aggregate around and behind Steel Plate Beam Guardrail posts in accordance with Plan Details.
2. Before placing the aggregate and the Geotextile Fabric, weeds and grass shall be removed from the area to be covered.
3. After the area has been prepared, and in a dry condition, the Geotextile fabric shall be placed with a 12(300) minimum overlap. A knife cut for guardrail post installation is necessary.
4. The aggregate shall be deposited, compacted and shaped by either mechanical or hand methods, in a manner reasonably true to line and grade.
5. The Contractor shall have the option of placing the guardrail before or after the Geotextile Fabric and Aggregate are in place. If the guardrail is placed after the Geotextile Fabric and Aggregate, then any voids must be filled and the aggregate returned to line and grade.
6. Materials shall meet the following requirements:
  - A. The crushed aggregate shall be CA1 gradation in accordance with Article 1004.01(c) of the Standard Specifications.
  - B. The Geotextile Fabric shall be nonwoven fabric in accordance with Article 1080.02 of the Standard Specifications.



**TYPICAL SECTION WITHOUT EROSION CONTROL CURB**



All dimensions are in inches (millimeters) unless otherwise noted.

03-07-11	ADDED DETAIL SHOWING PLAN VIEW	R.D.	5-30-18	CHANGE B CURB TO CC&G	R.D.
08-10-12	REVISED CURB "B" AND AGGREGATE	R.D.	07-16-19	SPELLING CORRECTIONS	R.D.
07-15-15	ADDRESSED SHOULDER INLET CURB	R.D.			
01-26-17	REVISED	R.D.			

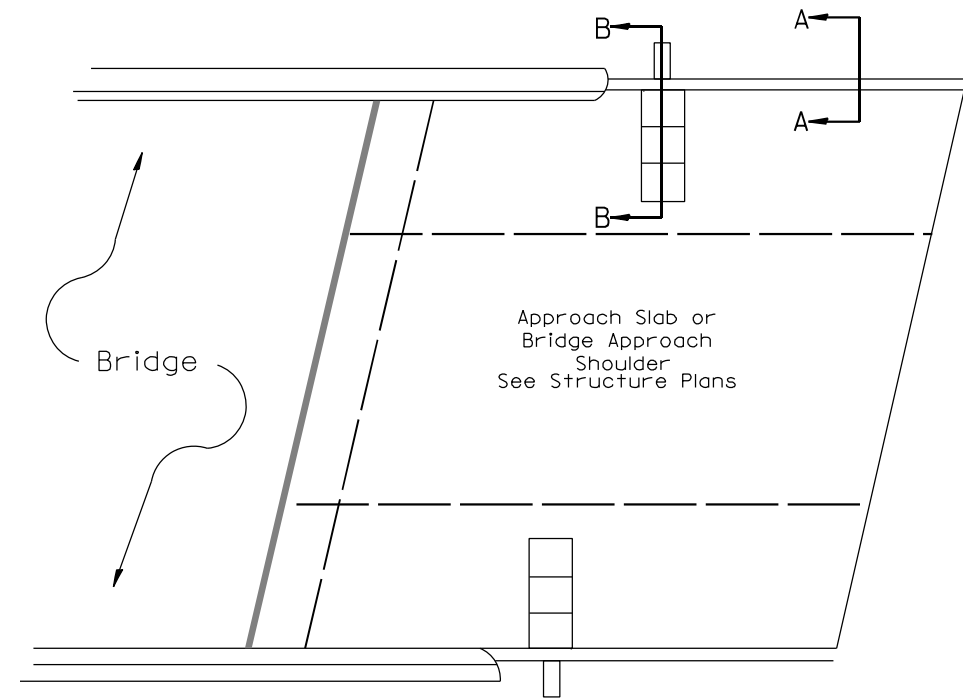
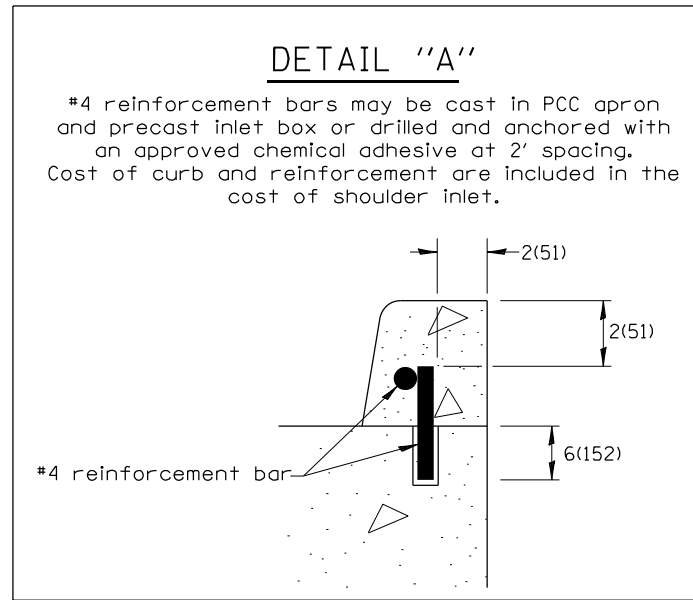
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

NOT TO SCALE

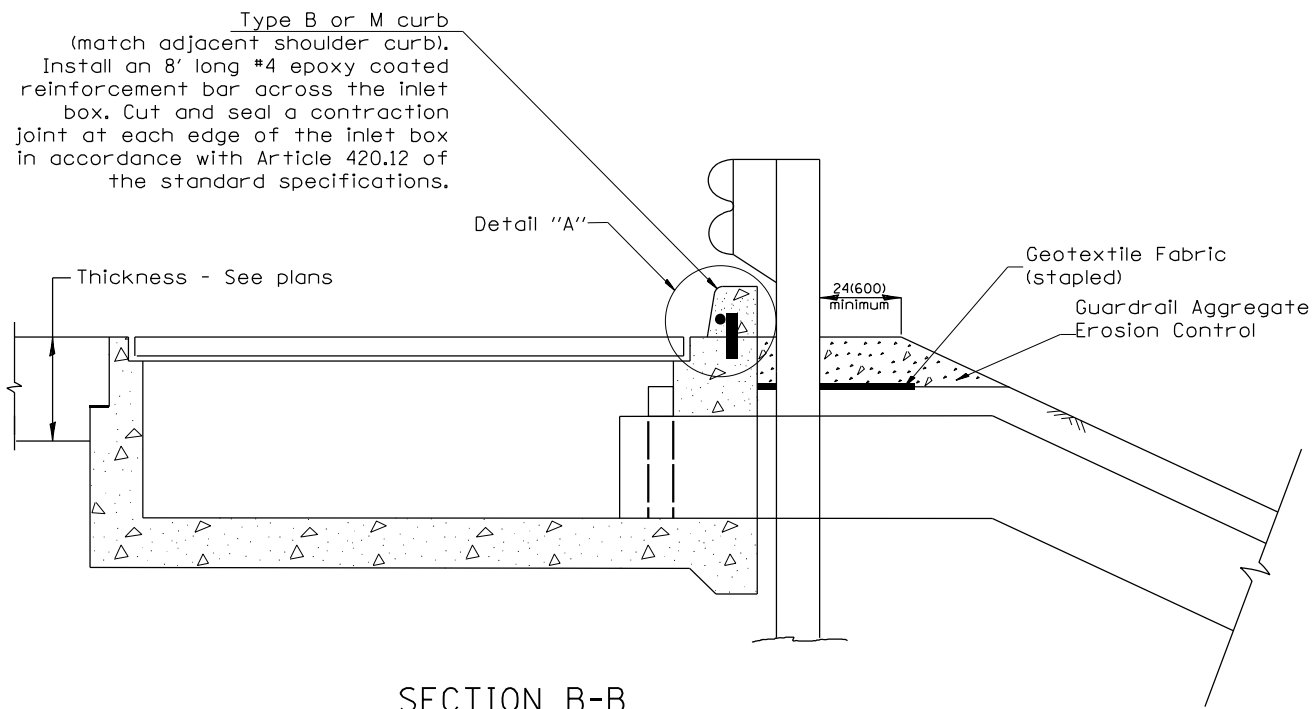
**GUARDRAIL EROSION CONTROL TREATMENTS**

SHT. 1 OF 2  
CADD STD. 630101-D4

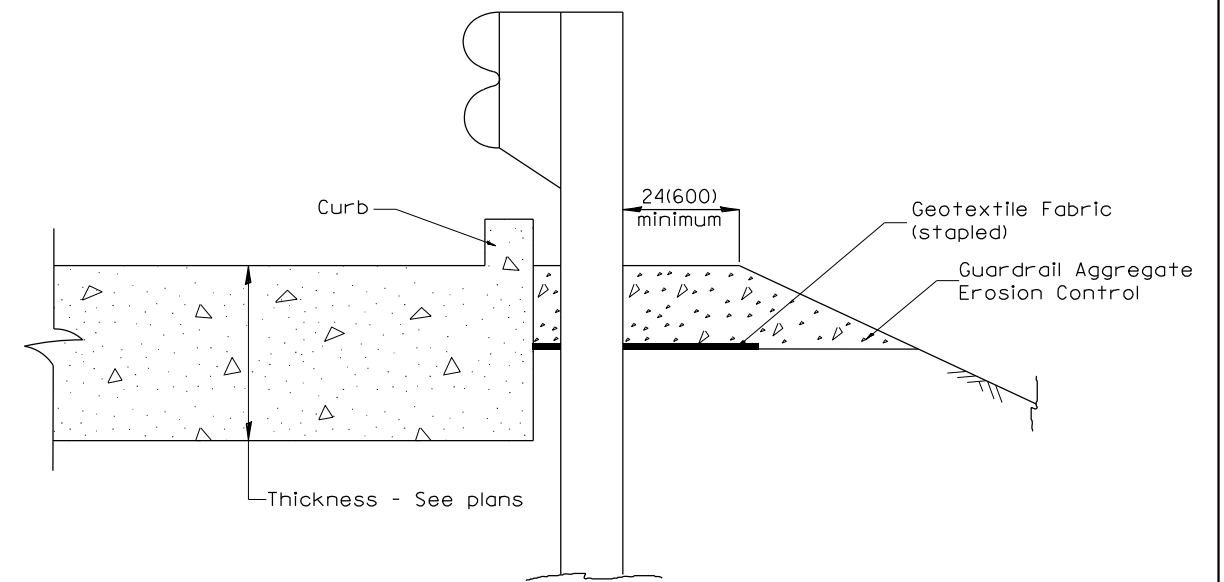
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	(123,124)RS-4	MERCER	88	39
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68E30	



**PLAN VIEW**  
**APPROACH SLAB OR SHOULDER PLACEMENT**



**SECTION B-B**  
**TYPICAL SECTION AT INLETS**  
**TYPE E, F & G (HIGHWAY STANDARD 610001)**

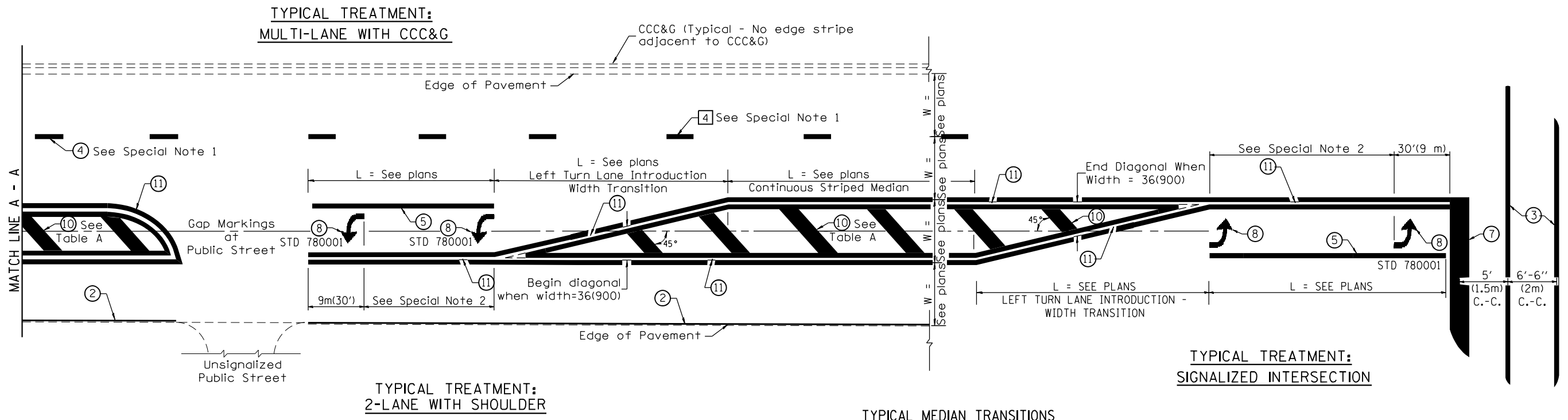


**SECTION A-A**  
**TYPICAL SECTION WITH BRIDGE APPROACH CURB**

All dimensions are in inches (millimeters) unless otherwise noted.

<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>				<b>GUARDRAIL EROSION CONTROL TREATMENTS</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				NOT TO SCALE				639	(123,124)RS-4	MERCER	88	40
				SHT. 2 OF 2 CADD STD. 630101-D4				CONTRACT NO. 68E30				
								FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



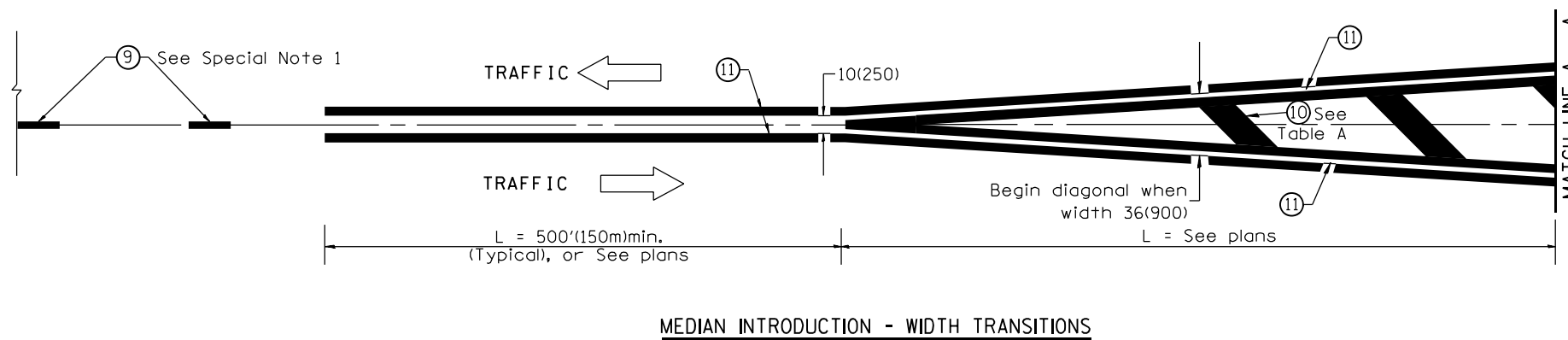


**FLUSH PAVED MEDIAN: RESTRICTED LEFT TURN LANE**

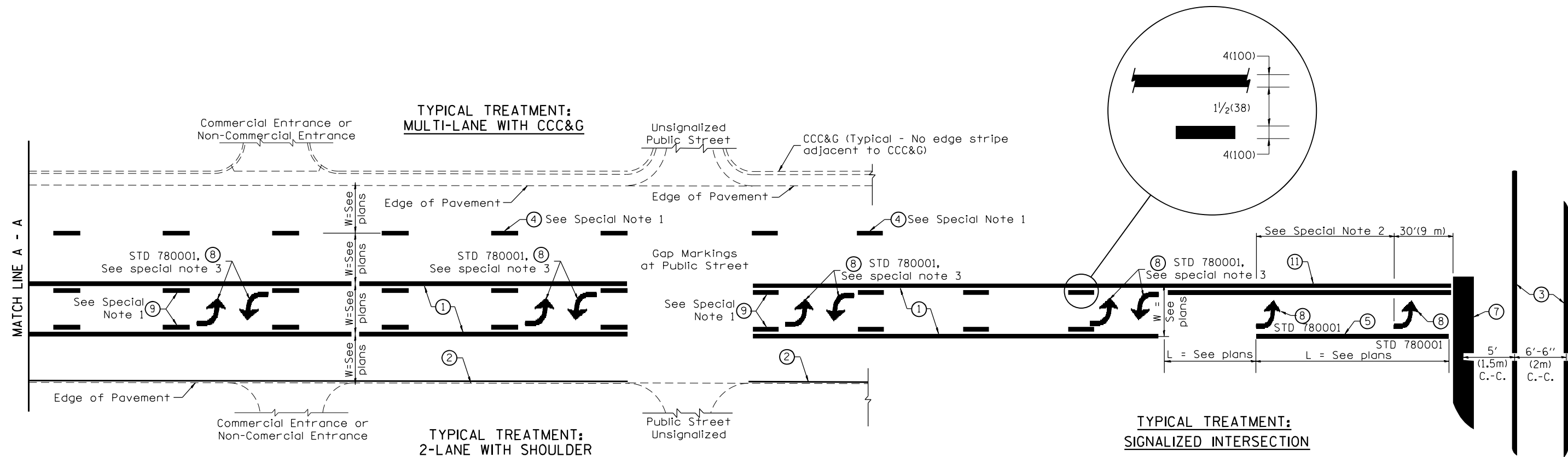
**TABLE A**

**RECOMMENDED SPACING BETWEEN DIAGONAL LINES**

SPEED LIMIT RANGE	CONTINUOUS	INTERSECTION CHANNELIZATION (Includes Width Transitions for Median and Left Turn Lane Introductions)
Less Than 30 mph (50 km/h)	50' (15m)	15' (5m)
30 - 45 mph (50 - 70 km/h)	75' (23m)	20' (6m)
Over 45 mph (70 km/h)	150' (46m)	30' (9m)



All dimensions are in inches (millimeters) unless otherwise noted.



**FLUSH PAVED MEDIAN: TWO-WAY LEFT TURN LANE WITH ONE-WAY LEFT TURN LANE AT SIGNALIZED INTERSECTION**

**TYPICAL PAVEMENT MARKING LEGEND**

(Note: This is a District Standard Legend. Some elements may not apply to specific project.)

- ① 4(100) Solid (Yellow)
- ② 4(100) Solid (White)
- ③ 2-6(150) Crosswalk @ 6'-6" (2m)min C.-C. (White)  
2-8(200) Crosswalk @ 6'-6" (2m)min C.-C. (White) (When traffic signals are present.)
- ④ 6(150) Skip-Dash (White) (See Special Note 1)
- ⑤ 8(200) Solid (White)
- ⑥ 12(300) Diagonal (White) (Item ⑥ is shown on Std. 780001)
- ⑦ 24(600) Stop Bar (White)
- ⑧ Letters & Arrows (See Std. 780001 and Special Notes 2 & 3)
- ⑨ 4(100) Skip-Dash (Yellow) (See Special Note 1)
- ⑩ 12(300) Diagonal (Yellow) (See Table A) (See Table A)
- ⑪ 4(100) Double Solid (Yellow) (See Table A)

**SPECIAL NOTES**

1. Skip-Dash markings will be centered between both ends of city blocks and shall be placed in alignment transversely across the pavement.
2. The following shall apply to arrows located in one-way left turn lanes:
  - A. A minimum of two (2) arrows is required.
  - B. The maximum spacing between arrows is 80' (24 m).
  - C. Arrows shall be evenly spaced if three (3) or more are required.
3. The following shall apply to arrow pairs located in two-way left turn lanes:
  - A. A minimum of two (2) arrow pairs is required.
  - B. The maximum spacing between arrow pairs is 200' (61 m).
  - C. Arrow pairs shall be evenly spaced if three (3) or more are required.
  - D. The spacing between Bi Directional Left Turn Arrows is 33' (10 m).

**GENERAL NOTES**

1. Refer to State Standard 780001 for additional Pavement Markings including letters & arrows.
2. See Plans for Pavement Markings adjacent to curbed islands and medians, and through lane reductions.
3. Refer to Article 780.13 for letter, number and symbol areas (sq. ft.)
4. Areas are grooved 1" beyond each edge for the following symbols:  
Through Arrow= 14.8 sq. ft.  
Large Left or Right Arrow= 21.9 sq. ft.  
2 Arrow Combination Left (or Right) and Through= 34.9 sq. ft.  
Wrong Way Arrow= 29.5 sq. ft.  
Railroad Crossing Symbol= 69.8 sq. ft.  
(For further information, refer to BDE Special Provision: Grooving for Recessed Pavement Markings)

01-01-97	RENUM. F-8.03, NEW REVISION BOX	T.P.	10-16-06	REVISED TO 2007 SPEC.	
02-07-97	ADD BI DIRECTIONAL DIMENSION	J.A.	2/29/16	ADDED GROOVING AREAS	R.D.
10-97	CORRECT BI DIRECTIONAL DIMENSION	J.A.	07-16-19	SPELLING CORRECTIONS	R.D.
08-02	ADD CROSSWALK DMNS. WITH T.S.	M.A.			

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

NOT TO SCALE

**TYPICAL PAVEMENT MARKINGS**

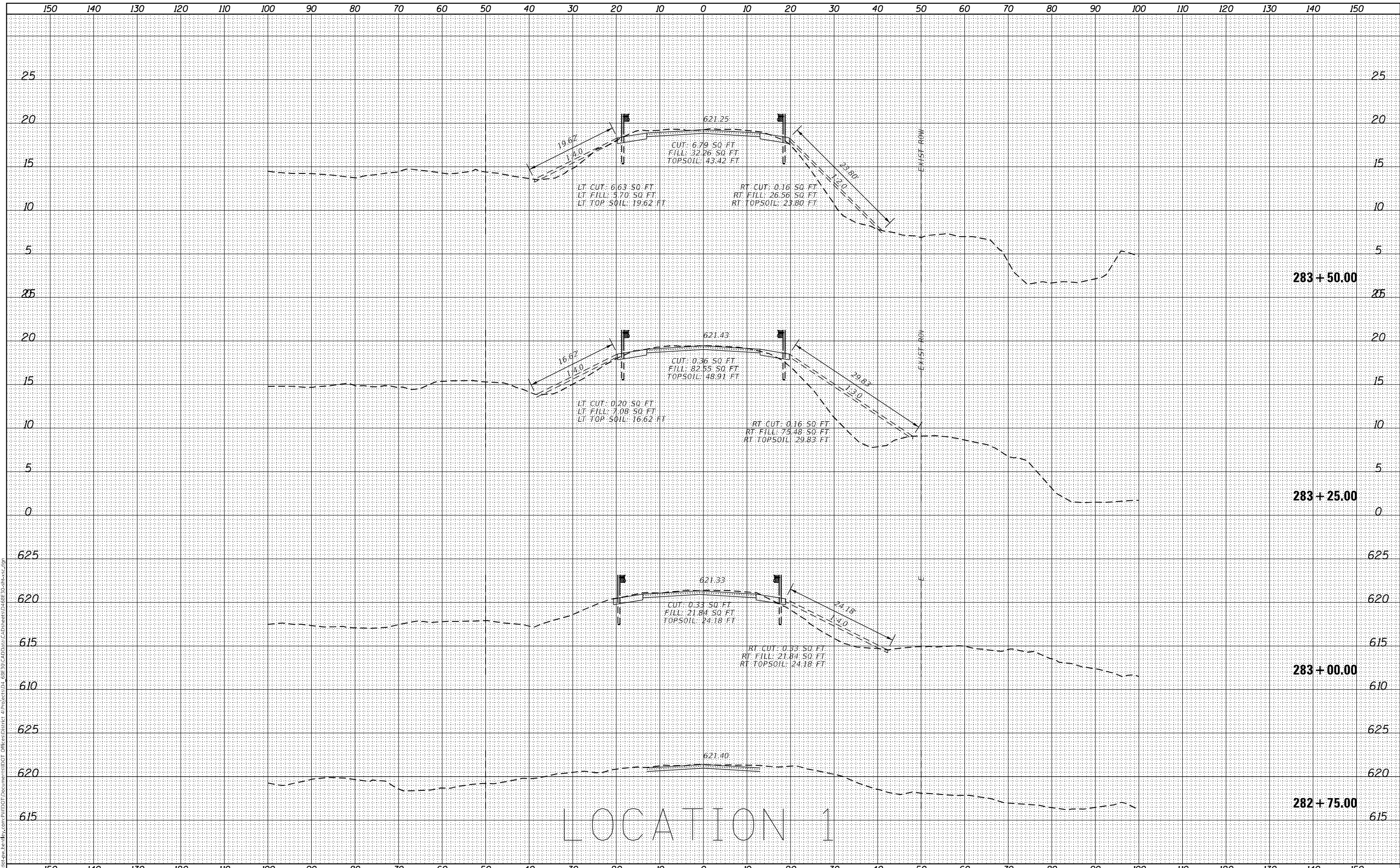
SHT. 1 OF 2  
CADD STD. 780001-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	(123,124)RS-4	MERCER	88	42
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68E30	

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

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

MODEL: D:\mfr\p...  
FILE NAME: D:\mfr\p...  
PROJECT: D:\mfr\p...



LOCATION 1

USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:20	CHECKED -	REVISED -
PLOT DATE = 12/15/2023	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: SHEET 1 OF 46 SHEETS STA. 282+75.00 TO STA. 283+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	(123,124)RS-4	MERCER	88	43
CONTRACT NO. 68E30				
ILLINOIS FED. AID PROJECT				

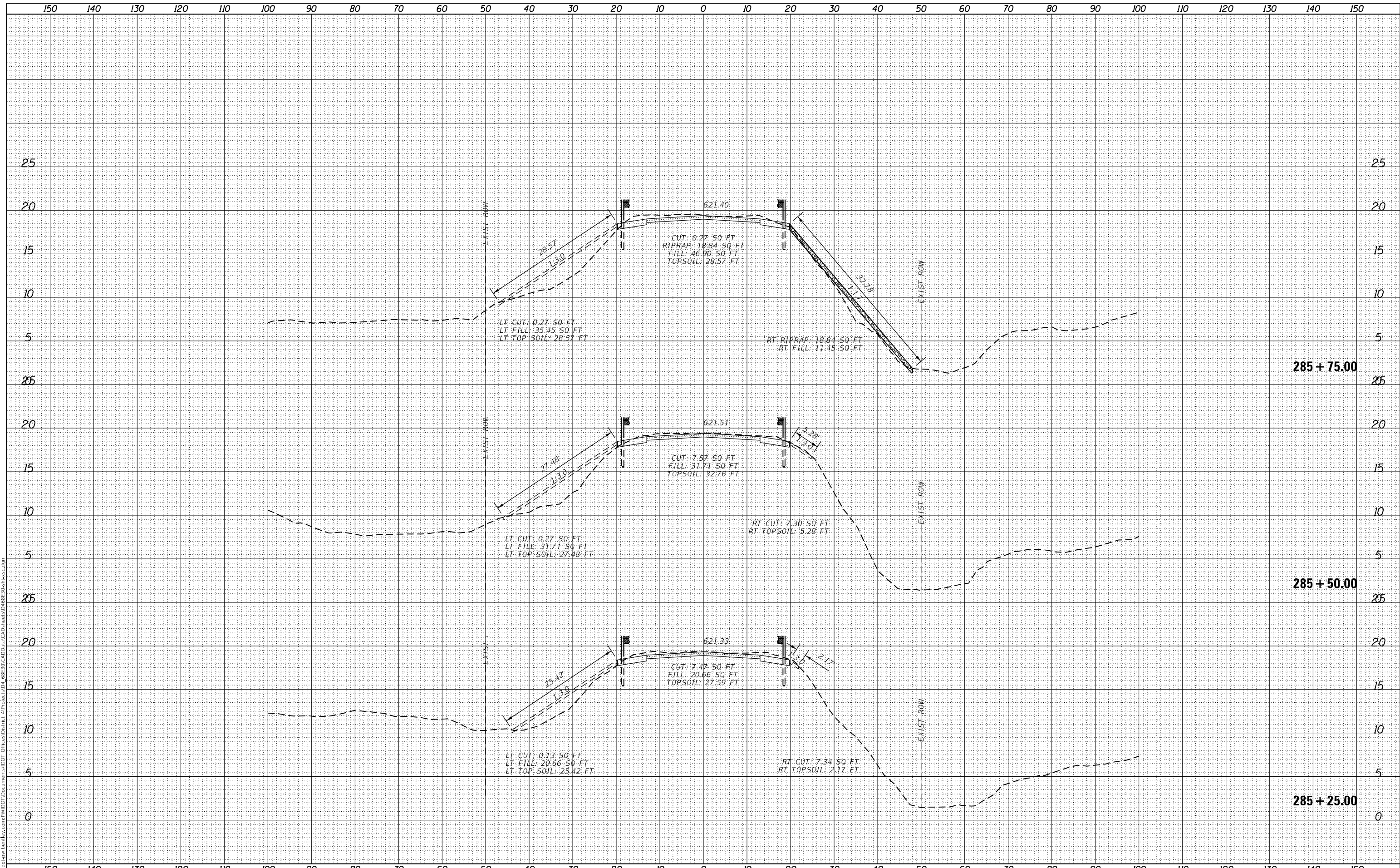




DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

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

MODEL: Definit  
 FILE NAME: D:\Illinois\pww\benby.com\PIV\DOT\Documents\DOT\Office\Printer\41906601.dwg 3D CAD Data: C:\DataSheet\068E30\Sheet\068E30\Sheet.dgn



USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:20	CHECKED -	REVISED -
PLOT DATE = 12/15/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>CROSS SETCTIONS</b>	
SCALE:	SHEET 4 OF 46 SHEETS STA. 285+25.00 TO STA. 285+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	(123,124)RS-4	MERCER	88	46
CONTRACT NO. 68E30				
ILLINOIS		FED. AID PROJECT		







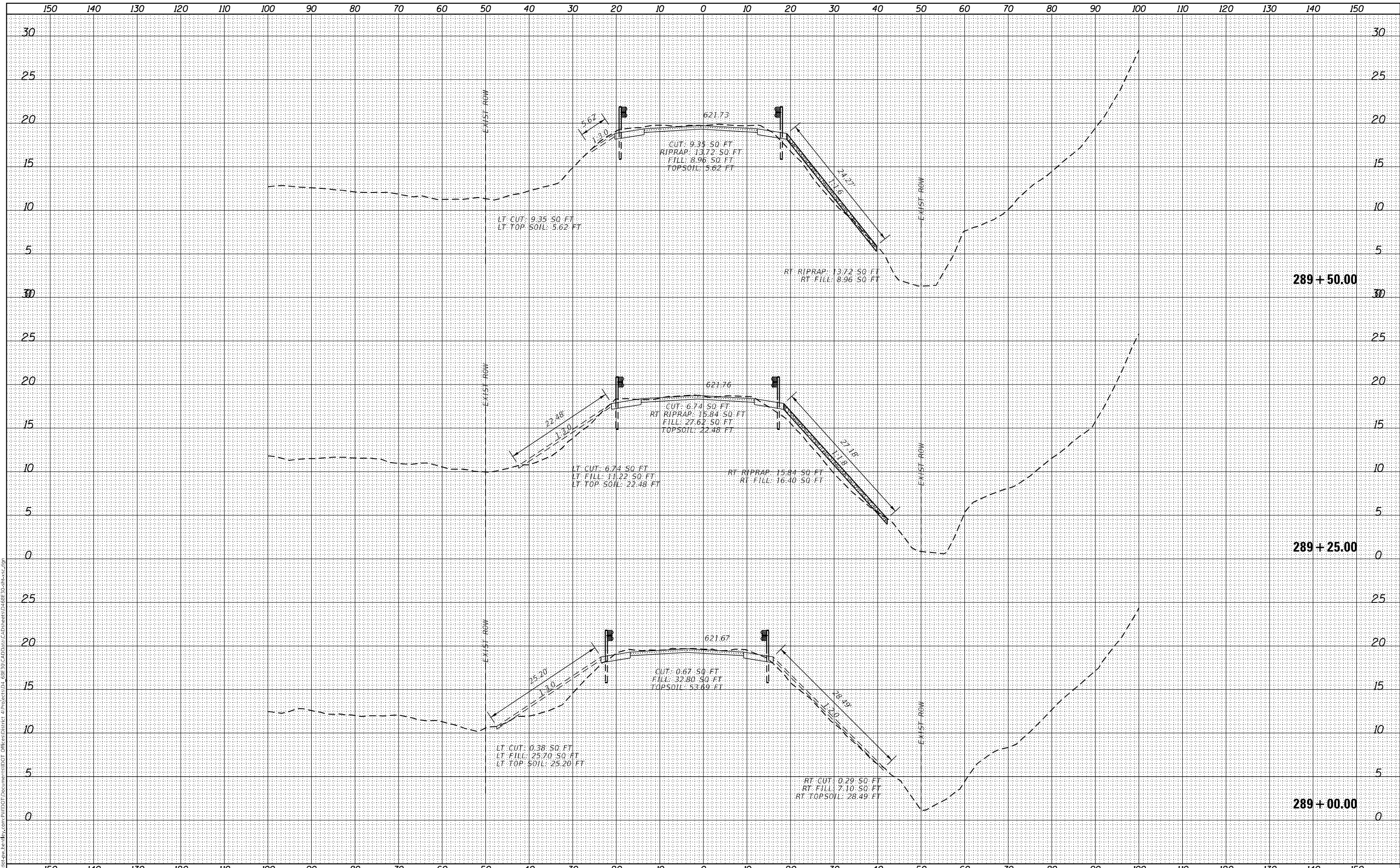




DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

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

MODEL: Definit  
FILE NAME: D:\Illinois\pww\benley.com\PIV\DOT\Documents\DOT\Office\Printer\PIV\DOT\CAD\DATA\CAD\Sheet\068E30\Sheet\068E30\Sheet\068E30.dwg



USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:20	CHECKED -	REVISED -
PLOT DATE = 12/15/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

SCALE: SHEET 9 OF 46 SHEETS STA. 289+00.00 TO STA. 289+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	(123,124)RS-4	MERCER	88	51
CONTRACT NO. 68E30				
ILLINOIS FED. AID PROJECT				

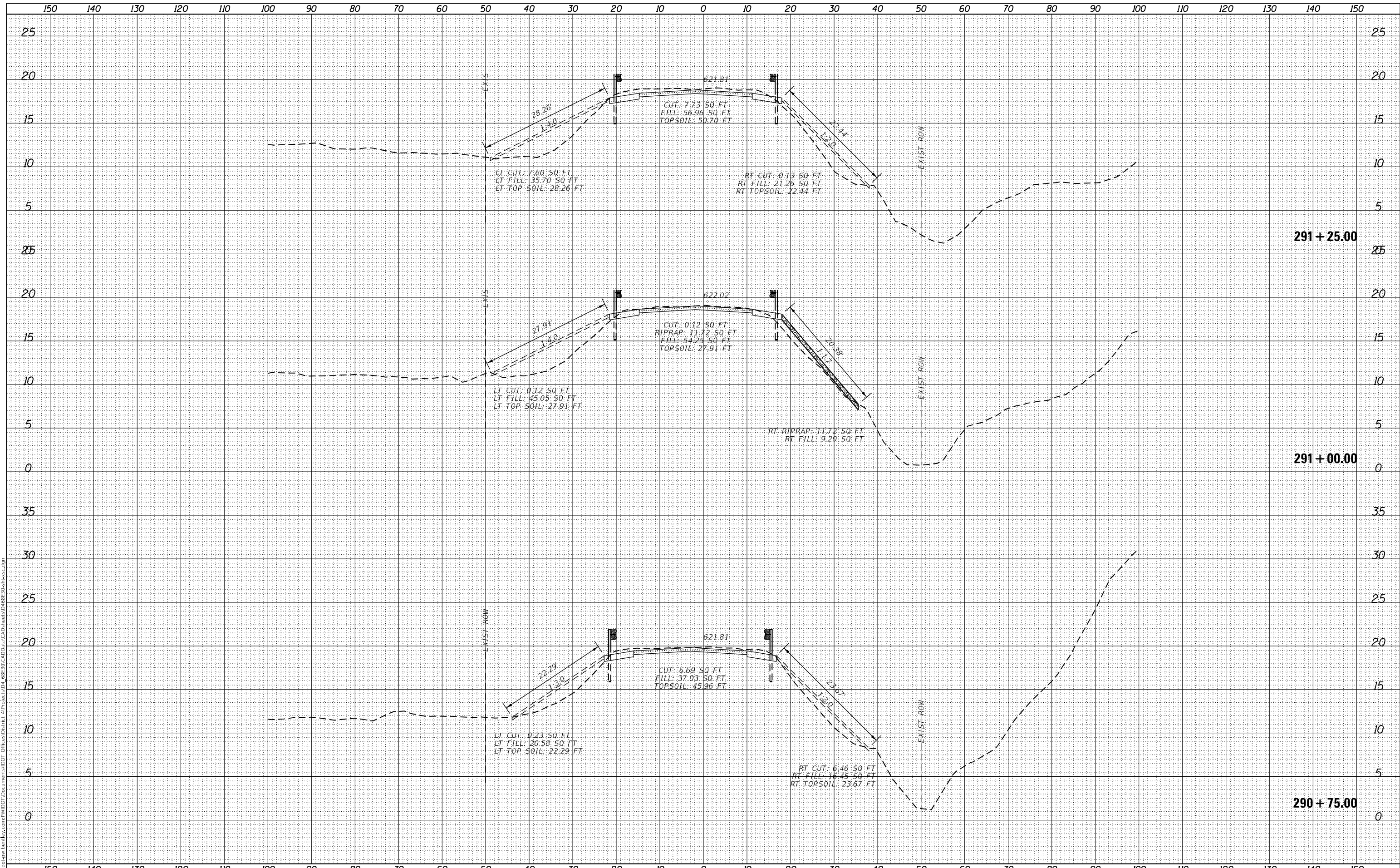




DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	
FINAL SURVEY	
NOTE BOOK	
AREAS CHECKED	
NO.	

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

MODEL: Definit  
 FILE NAME: D:\Illinois\pww\benby.com\PIV\DOT\Documents\DOT\Drawings\Center\41906\68E30\CAD\Drawings\CAD\Sheet\68E30\Sheet12.dwg



USER NAME = SUSERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:20	CHECKED -	REVISED -
PLOT DATE = 12/15/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

SCALE: SHEET 12 OF 46 SHEETS STA. 290+75.00 TO STA. 291+25.00

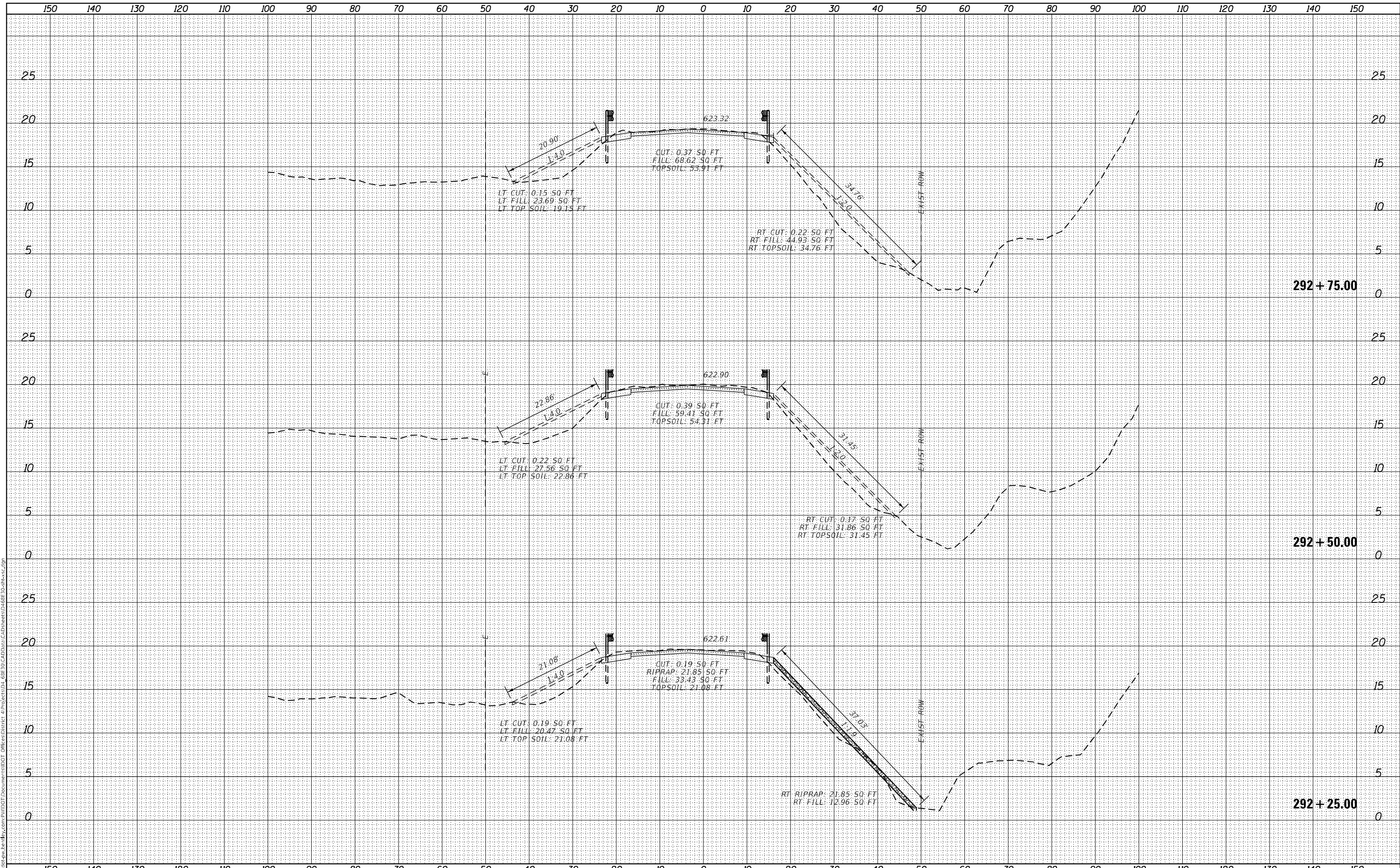
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	(123,124)RS-4	MERCER	88	54
CONTRACT NO. 68E30				
ILLINOIS FED. AID PROJECT				



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

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

MODEL: Definit  
 FILE NAME: p:\work\paw\_bentley.com\p\110101\DOT Documents\1101 DOT Office\center\_4\1101\1101.dwg  
 C:\ProgramData\CAD\SheetDwg\F30\sheet.dwg



USER NAME = susers	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:20	CHECKED -	REVISED -
PLOT DATE = 12/15/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SETCTIONS**

SCALE: SHEET 14 OF 46 SHEETS STA. 292+25.00 TO STA. 292+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	(123,124)RS-4	MERCER	88	56
CONTRACT NO. 68E30				
ILLINOIS		FED. AID PROJECT		

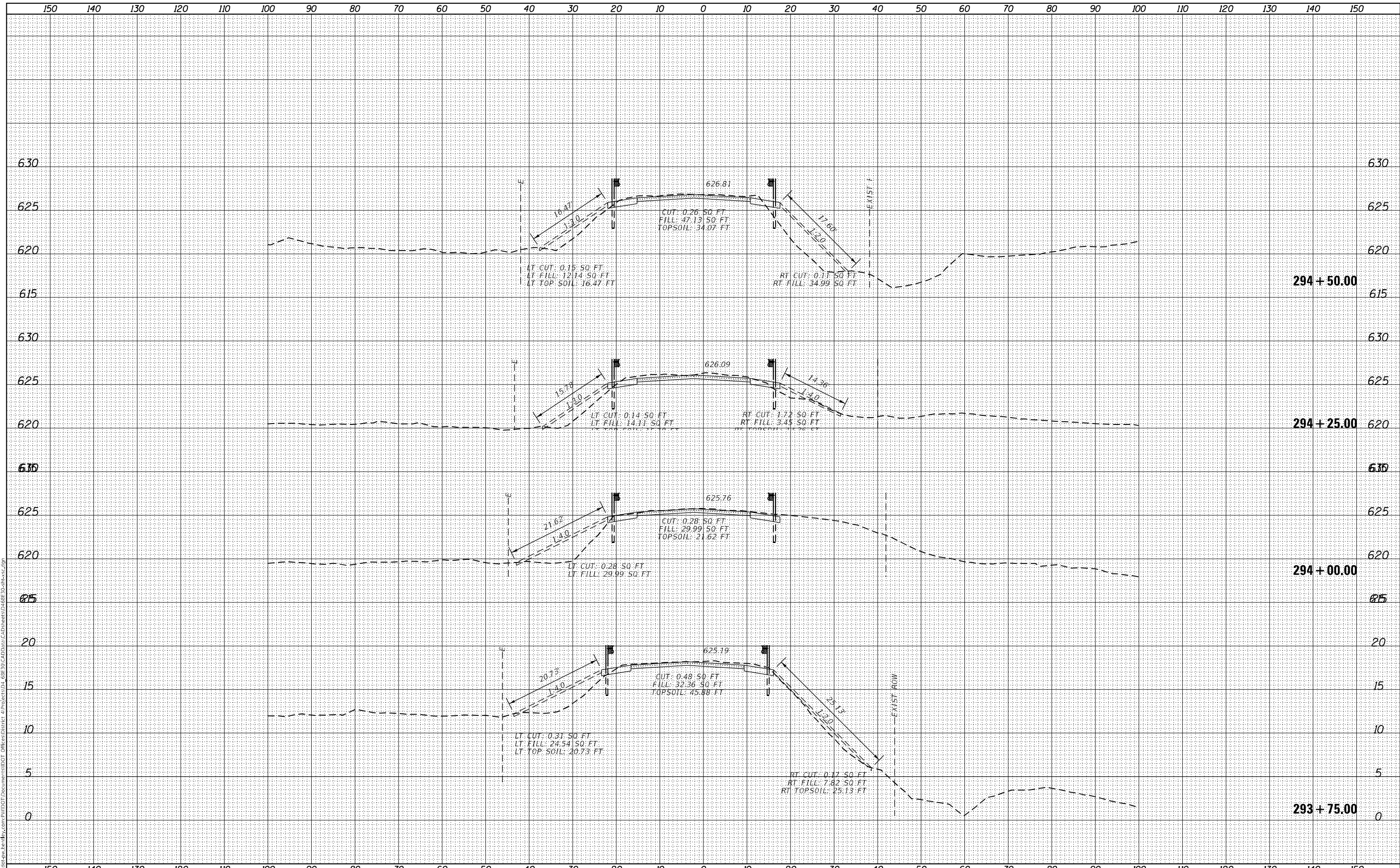




DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

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

MODEL: Default  
 FILE NAME: D:\work\pww\_bentley.com\pwwdot\Documents\DOT Office\Station\419066EED1\_68E30\CAD Data\CAD\Sheet\68E30\Sheet.dgn



USER NAME = susers	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:20	CHECKED -	REVISED -
PLOT DATE = 12/15/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

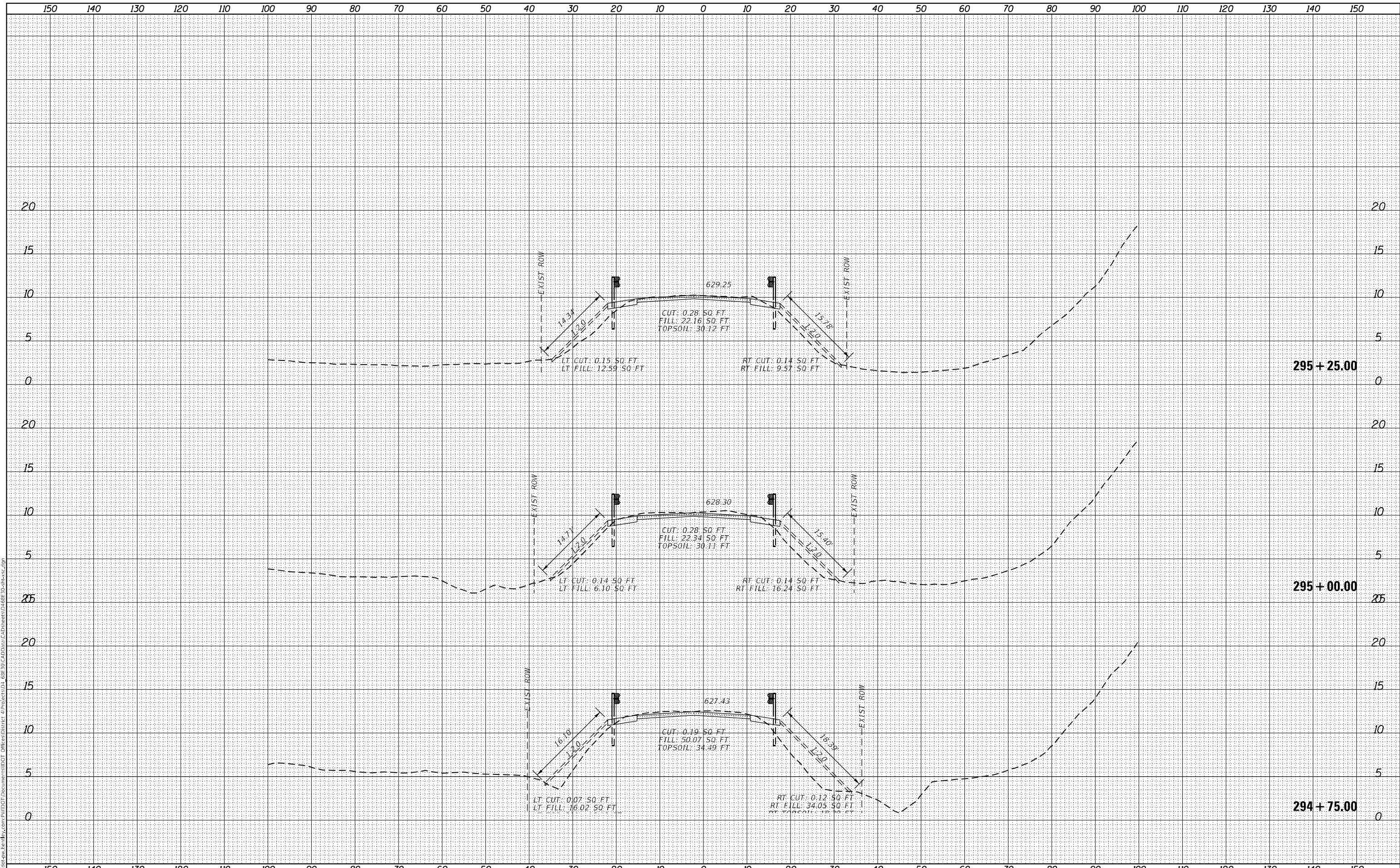
SCALE: SHEET 16 OF 46 SHEETS STA. 293+75.00 TO STA. 294+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	(123,124)RS-4	MERCER	88	58
CONTRACT NO. 68E30				
ILLINOIS		FED. AID PROJECT		

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

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

MODEL: Definit  
 FILE NAME: D:\Illinois\pww\benby.com\PIV\DOT\Documents\DOT\Drawings\DOT\68E30\CAD\Drawings\68E30\Sheet17.dwg



USER NAME =	SUSERS
DESIGNED -	REVISD -
DRAWN -	REVISD -
CHECKED -	REVISD -
DATE -	REVISD -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SETCTIONS**

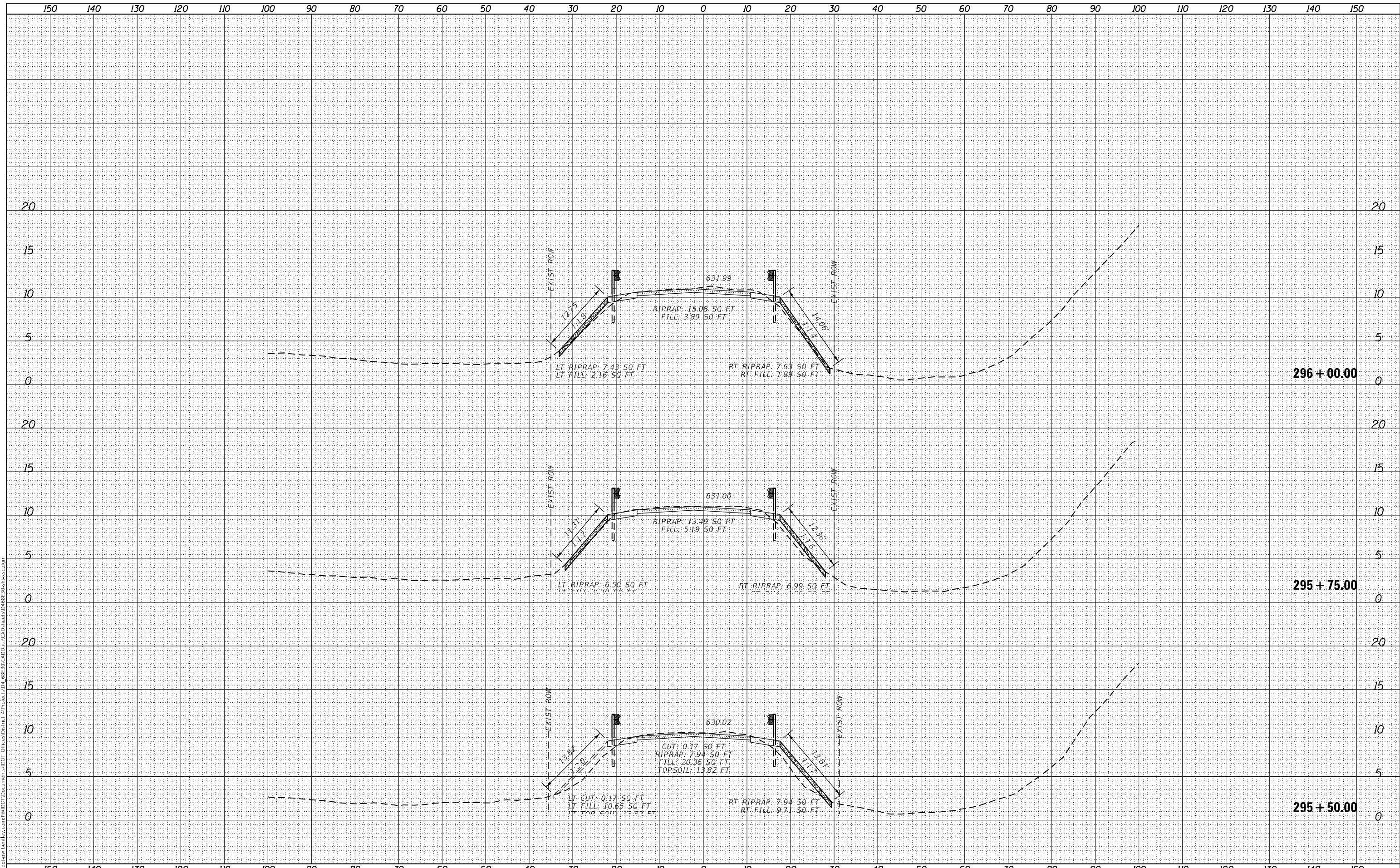
SCALE: SHEET 17 OF 46 SHEETS STA. 294+75.00 TO STA. 295+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	(123,124)RS-4	MERCER	88	59
CONTRACT NO. 68E30				
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: Definit  
 FILE NAME: p:\work\paw\_bentley.com\p\110101\DOT Documents\1101 DOT Office\center\_4\proj\68E30\CAD Data\CAD Sheets\68E30\68E30.rvt



USER NAME = susers	DESIGNED -	REVISD -
	DRAWN -	REVISD -
PLOT SCALE = 1:20	CHECKED -	REVISD -
PLOT DATE = 12/15/2023	DATE -	REVISD -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SETCTIONS**

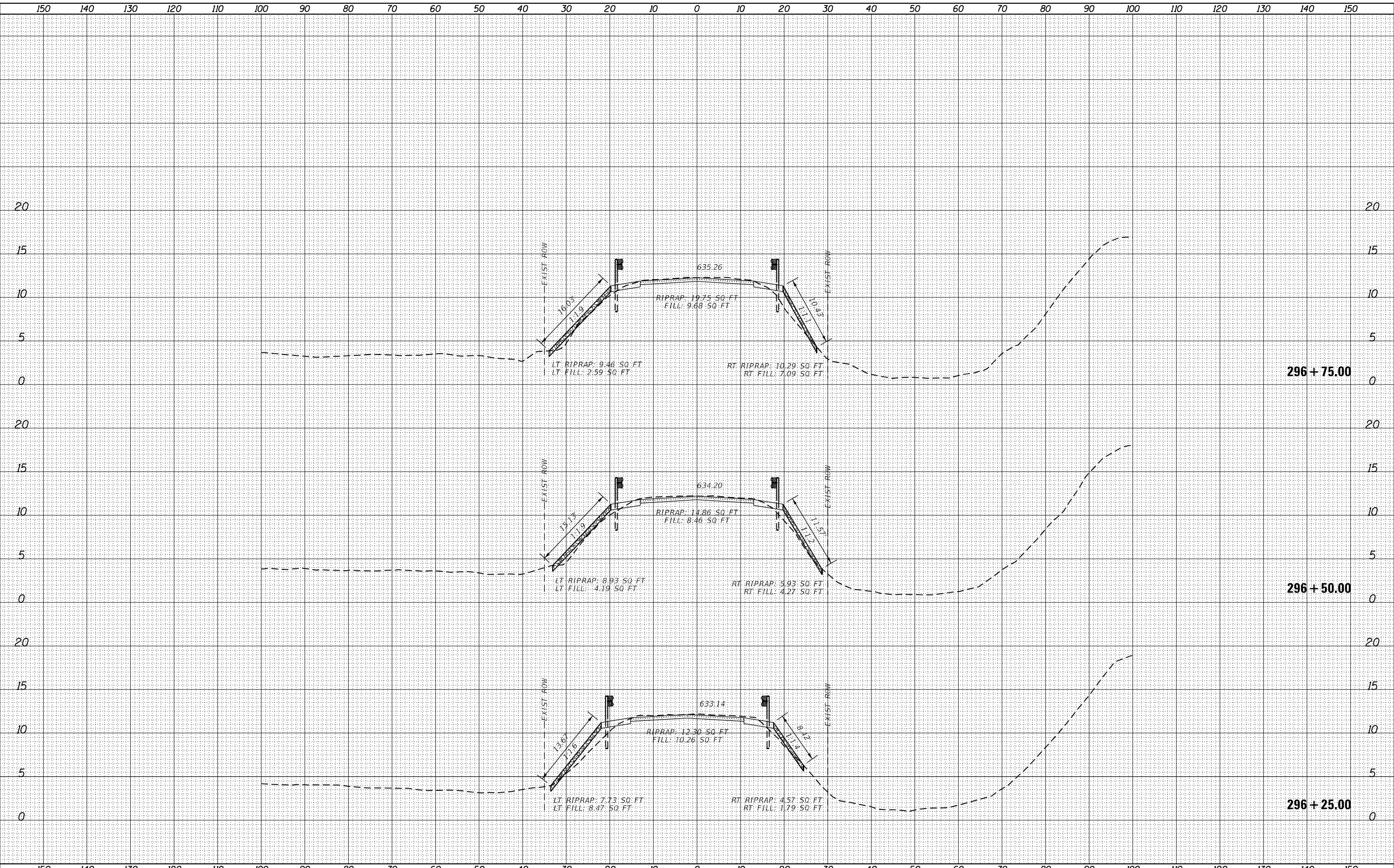
SCALE: SHEET 18 OF 46 SHEETS STA. 295+50.00 TO STA. 296+00.00

F.A.P. RTE. 639	SECTION (123,124)RS-4	COUNTY MERCER	TOTAL SHEETS 88	SHEET NO. 60
			CONTRACT NO. 68E30	
			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: Default  
 FILE NAME: D:\work\pww\benby.com\PROJECTS\DOT Documents\DOT Office\center\_4\proj\68E30\CAD Data\CAD Sheets\68E30\68E30.dwg



USER NAME = \$USERS	DESIGNED -	REVISED -
PLOT SCALE = 1:20	DRAWN -	REVISED -
PLOT DATE = 12/15/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SETCTIONS**

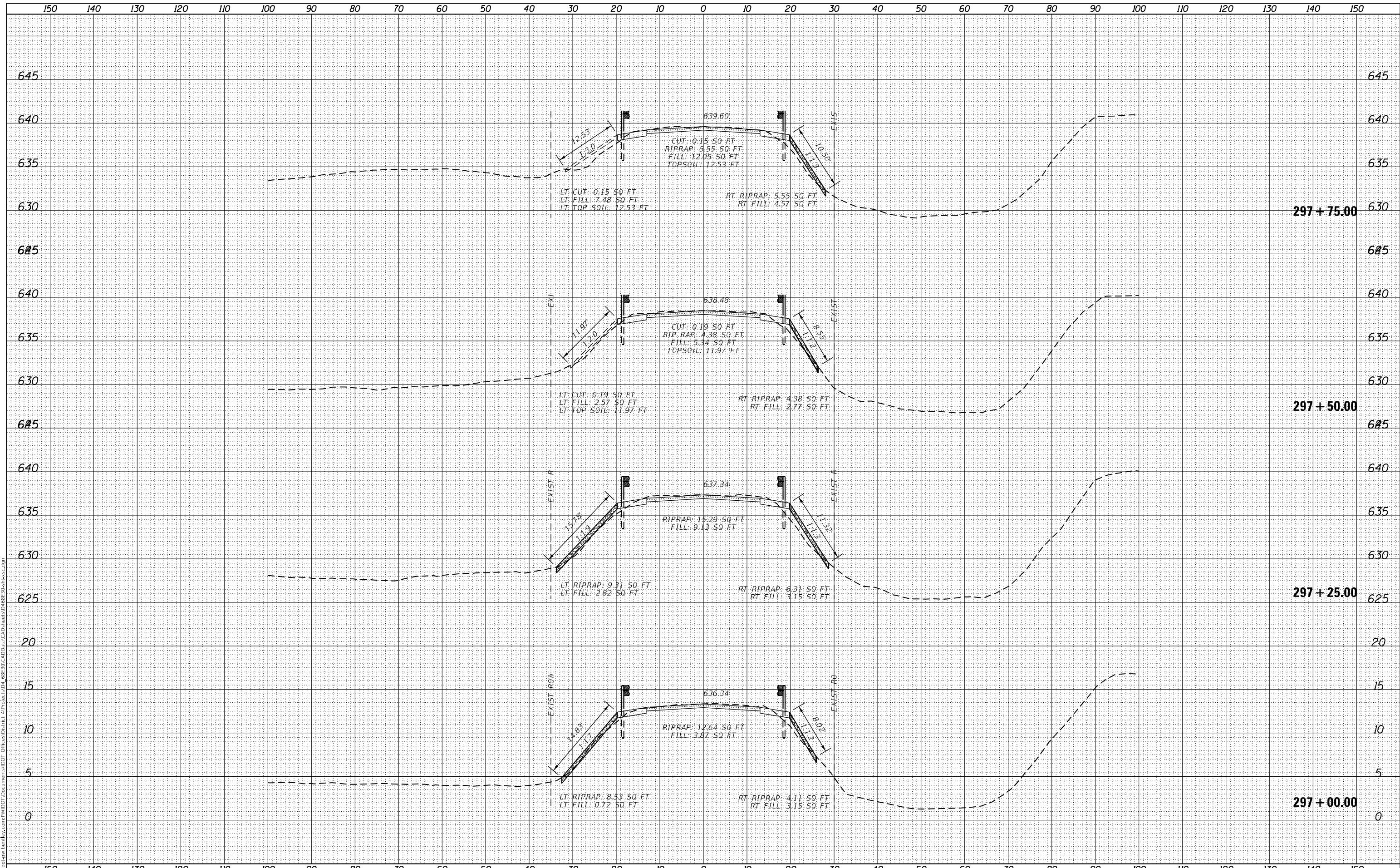
SCALE: SHEET 19 OF 46 SHEETS STA. 296+25.00 TO STA. 296+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	(123,124)RS-4	MERCER	88	61
CONTRACT NO. 68E30			ILLINOIS FED. AID PROJECT	

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

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

MODEL: Definit  
FILE NAME: p:\work\paw\_bentley.com\p\110101\DOT Documents\1101 DOT Office\Station 68E30\CAD Data\CAD Sheets\68E30\68E30.dwg



USER NAME = susers	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:20	CHECKED -	REVISED -
PLOT DATE = 12/15/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SETCTIONS**

SCALE: SHEET 20 OF 46 SHEETS STA. 297+00.00 TO STA. 297+75.00

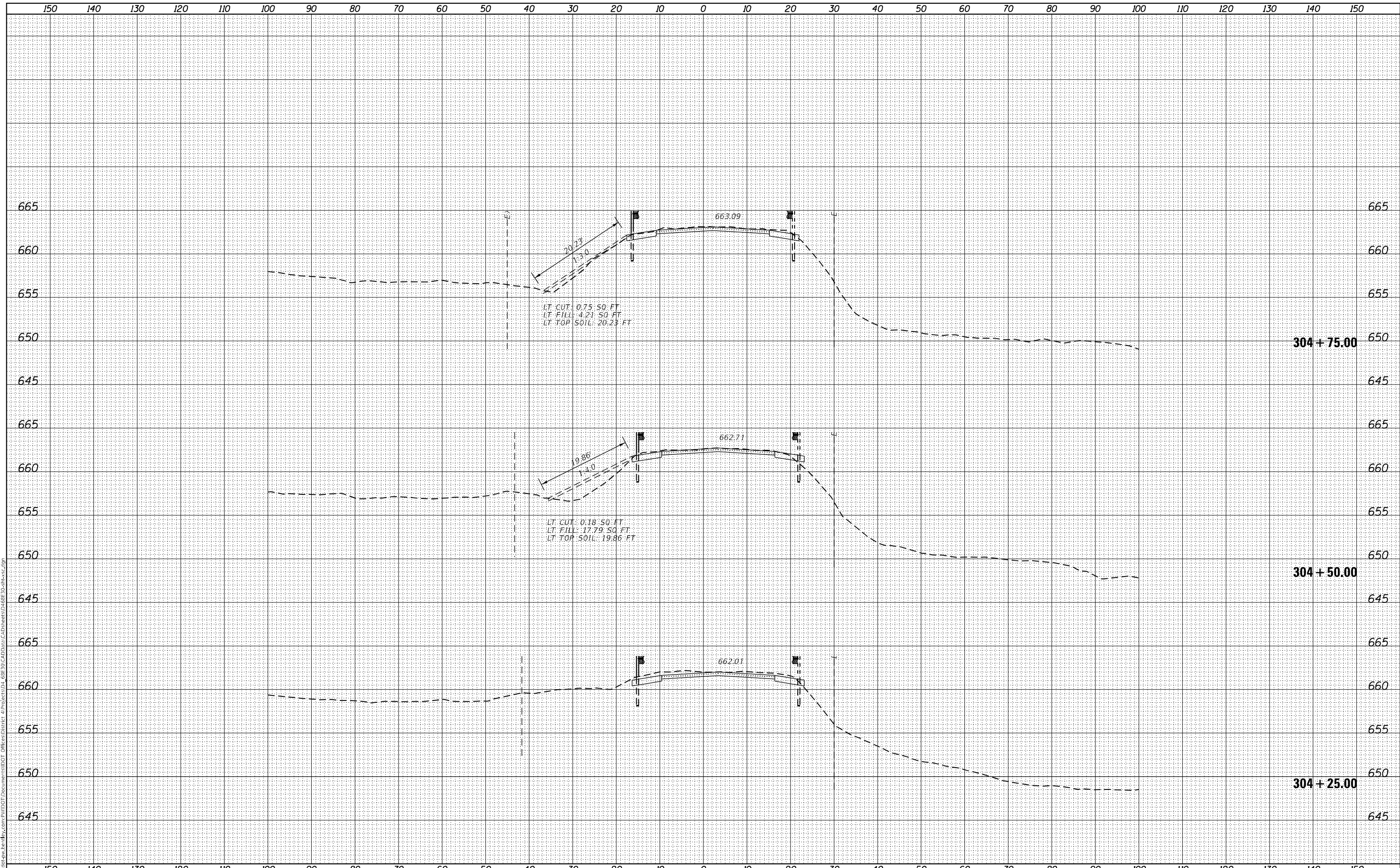
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	(123,124)RS-4	MERCER	88	62
CONTRACT NO. 68E30				
ILLINOIS FED. AID PROJECT				



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: Definit  
 FILE NAME: D:\work\pww\benby.com\PIV\DOT\Document\DOT Office\Printer - Project\DL - 68E30\CAD Data\CAD Sheets\68E30\Sheet22.dwg



USER NAME = \$USERS	DESIGNED -	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				CROSS SETCTIONS				F.A.P. RTE. 639	SECTION (123,124)RS-4	COUNTY MERCER	TOTAL SHEETS 88	SHEET NO. 64		
PLOT SCALE = 1:20	DRAWN -	REVISIED -					SCALE: SHEET 22 OF 46 SHEETS				STA. 304+25.00 TO STA. 304+75.00				CONTRACT NO. 68E30		
PLOT DATE = 12/15/2023	CHECKED -	REVISIED -					ILLINOIS FED. AID PROJECT										
	DATE -	REVISIED -															



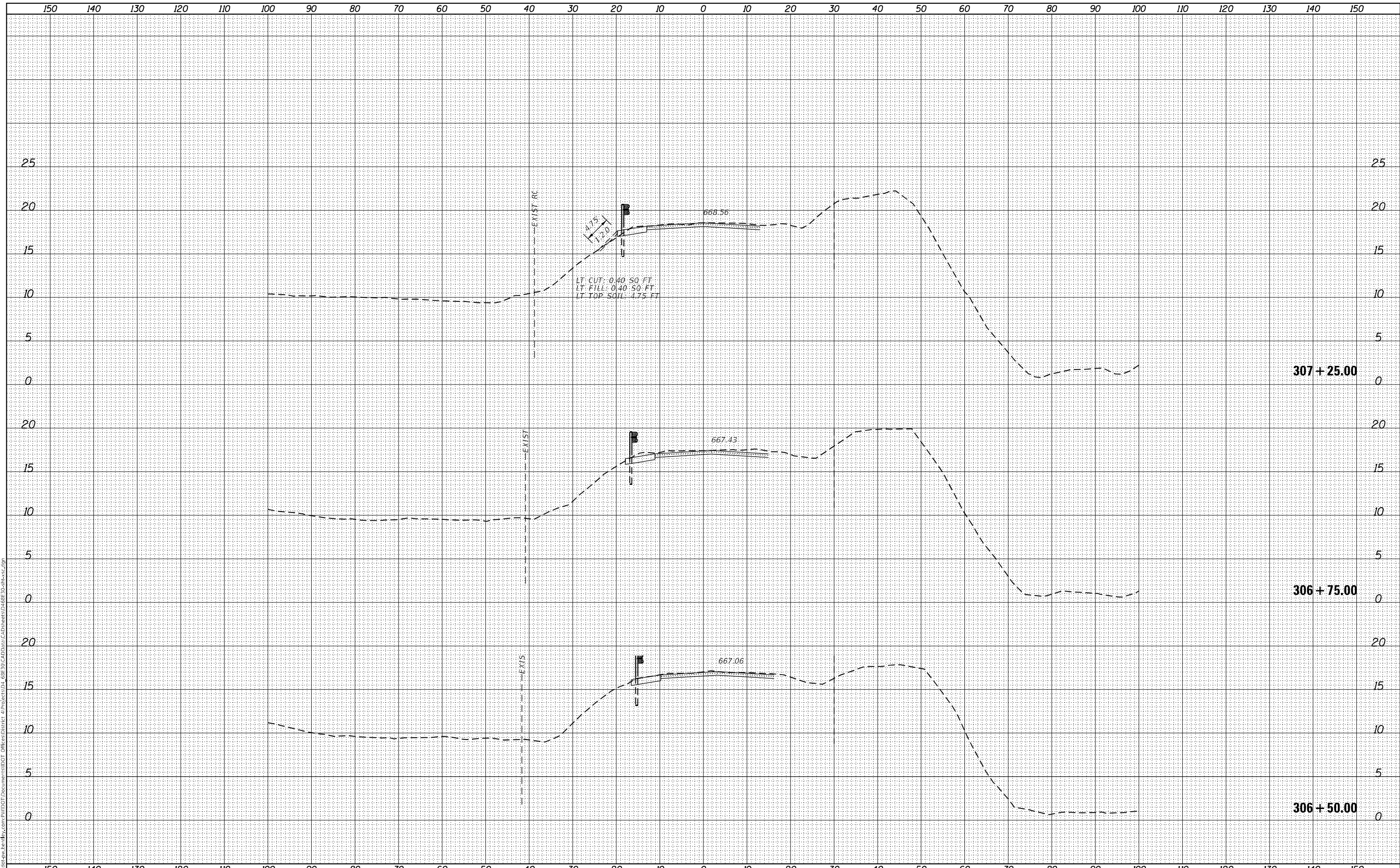




DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

MODEL: Definit  
FILE NAME: D:\Illinois\pww\benby.com\PIV\DOT\Documents\DOT\Office\Printer\_4\Project\DL\_68E30\CAD\Drawings\68E30\Sheet5.dwg



**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SETCTIONS**

USER NAME = \$USERS	DESIGNED -	REVISED -
PLOT SCALE = 1:20	DRAWN -	REVISED -
PLOT DATE = 12/15/2023	CHECKED -	REVISED -
	DATE -	REVISED -

SCALE: SHEET 25 OF 46 SHEETS STA. 306+50.00 TO STA. 307+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	(123,124)RS-4	MERCER	88	67
CONTRACT NO. 68E30			ILLINOIS FED. AID PROJECT	





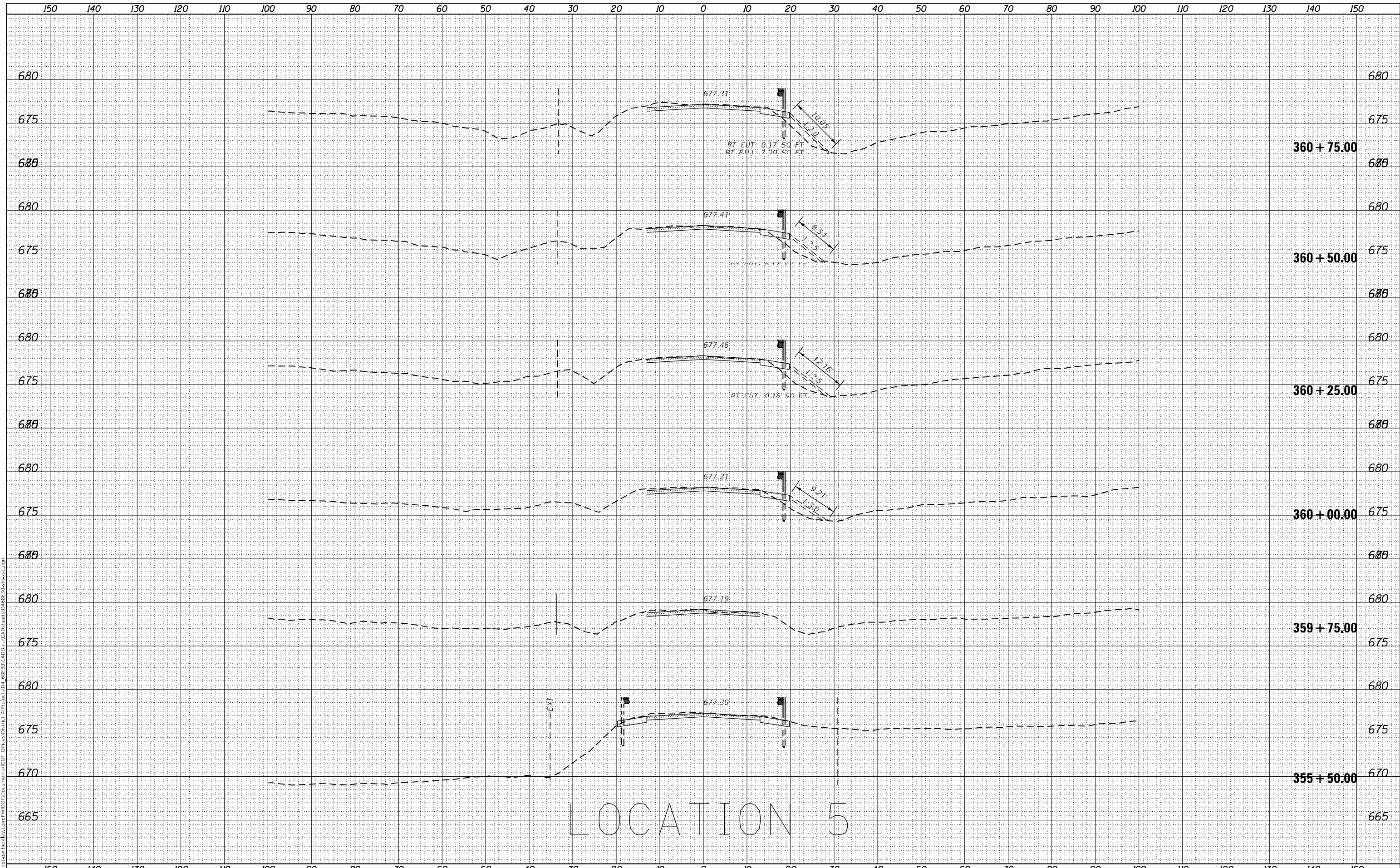




DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

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

MODEL: Definit  
 FILE NAME: p:\work\paw\_bentley.com\p\1101\DOT Documents\1101 DOT Office\Station 4\Project\1101\_68E30\CAD Data\CAD Sheets\1101\_68E30\_35.sxd



LOCATION 5

USER NAME = susers	DESIGNED -	REVISIED -
PLOT SCALE = 1:20	DRAWN -	REVISIED -
PLOT DATE = 12/15/2023	CHECKED -	REVISIED -
	DATE -	REVISIED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CROSS SETCTIONS			
SCALE:	SHEET 30	OF 46 SHEETS	STA. 355+50.00 TO STA. 360+75.00

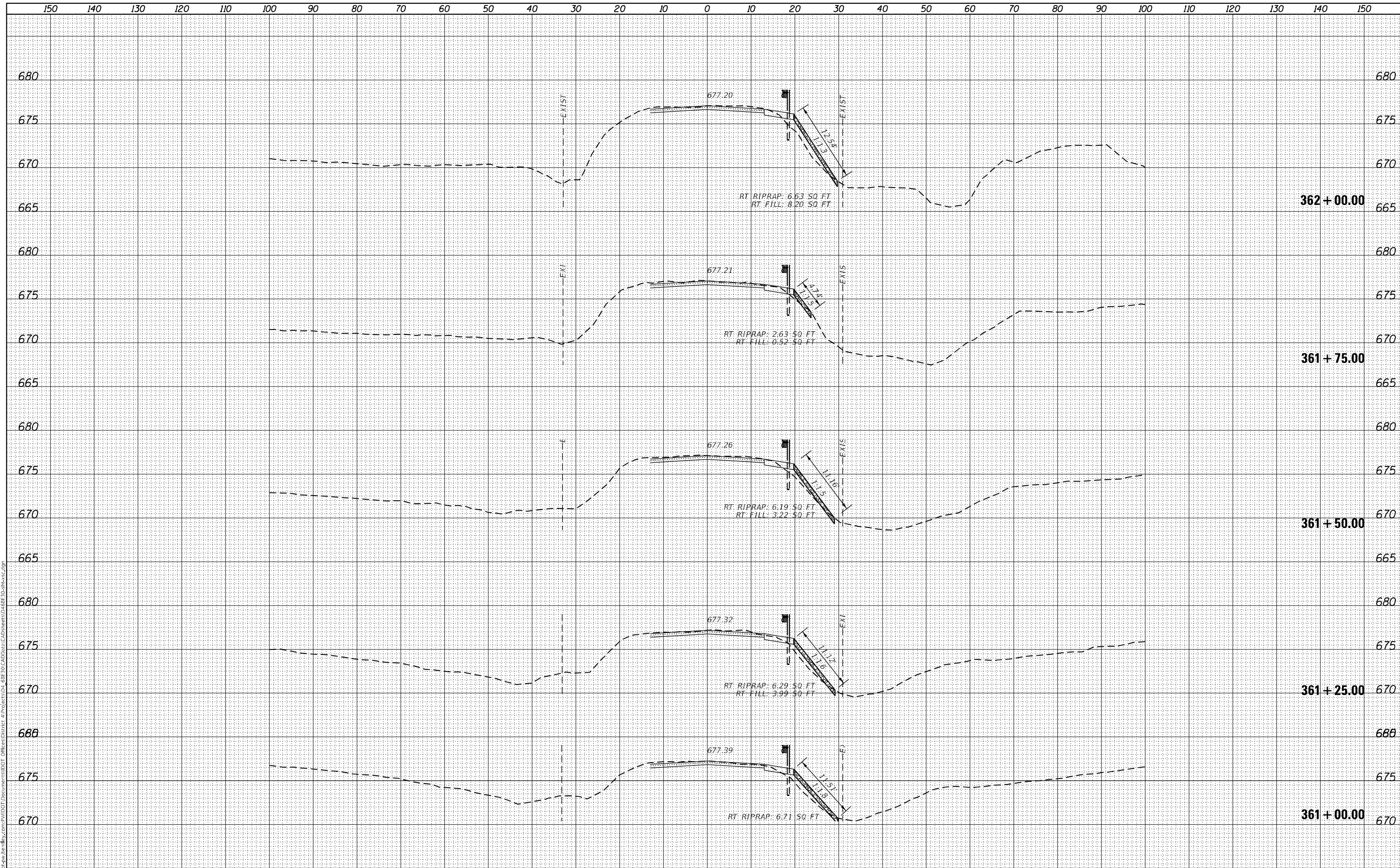
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	(123,124)RS-4	MERCER	88	72
			CONTRACT NO. 68E30	
ILLINOIS FED. AID PROJECT				



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

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

MODEL: Definit  
 FILE NAME: p:\work\paw\_bentley.com\p\110101\DOT Documents\1101 DOT Office\center\_4\Project\1101\_48E30\CAD Data\CAD Sheets\1101\_48E30\Sheet31.dgn



USER NAME =	susers
DESIGNED -	
DRAWN -	
PLOT SCALE =	1:20
PLOT DATE =	12/15/2023

REVISIED -	
REVISIED -	
REVISIED -	
REVISIED -	

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SETCTIONS**

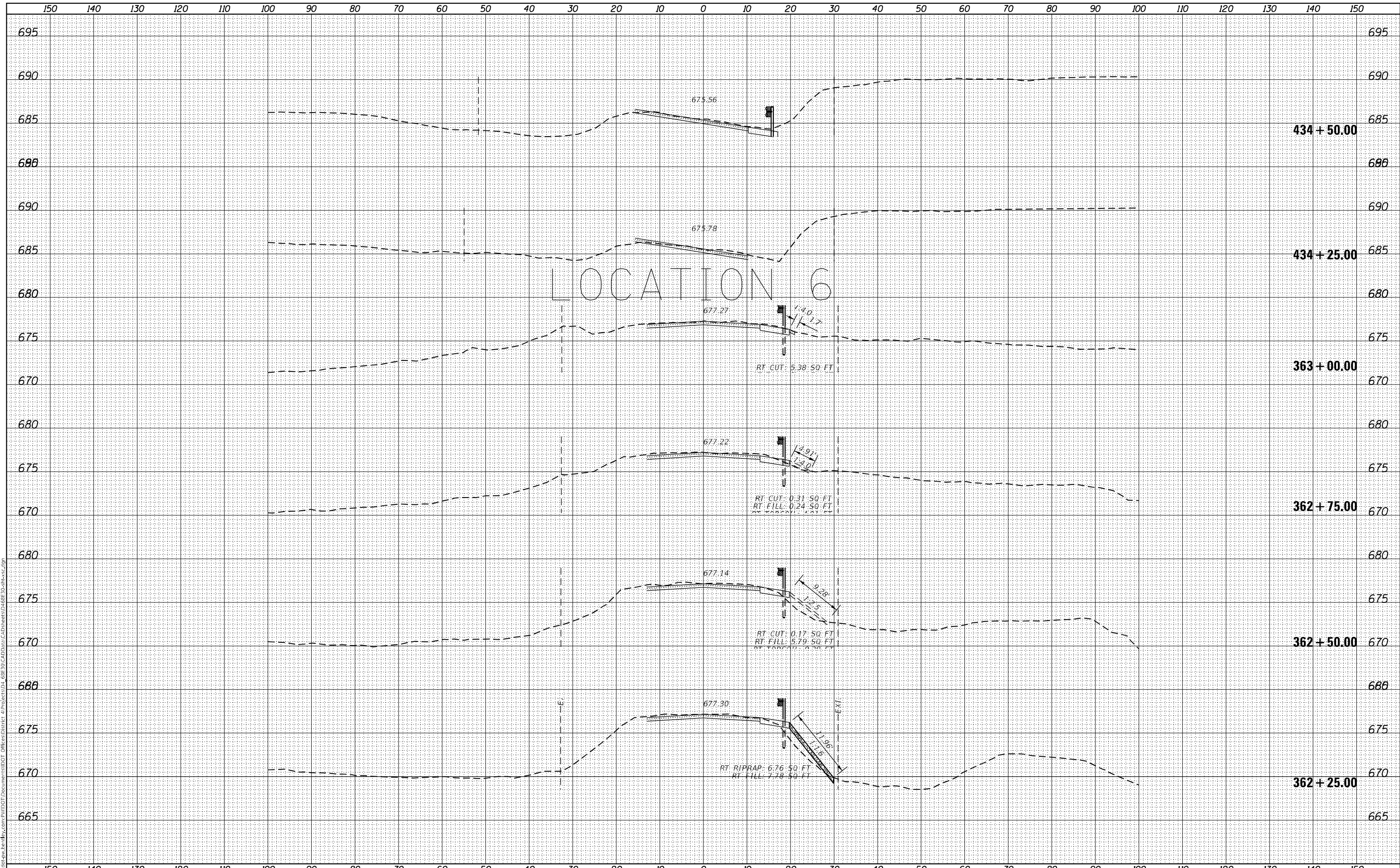
SCALE: SHEET 31 OF 46 SHEETS STA. 361+00.00 TO STA. 362+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	(123,124)RS-4	MERCER	88	73
CONTRACT NO. 68E30				
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: Definit  
 FILE NAME: p:\work\paw\_bentley.com\p\110101\DOT Documents\1101 DOT Office\center\_4\Project\DL\_68E30\CAD Data\CAD\sheet\DL\_68E30\sheet\csgn



USER NAME = \$USERS	DESIGNED -	REVISED -
PLOT SCALE = 1:20	DRAWN -	REVISED -
PLOT DATE = 12/15/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

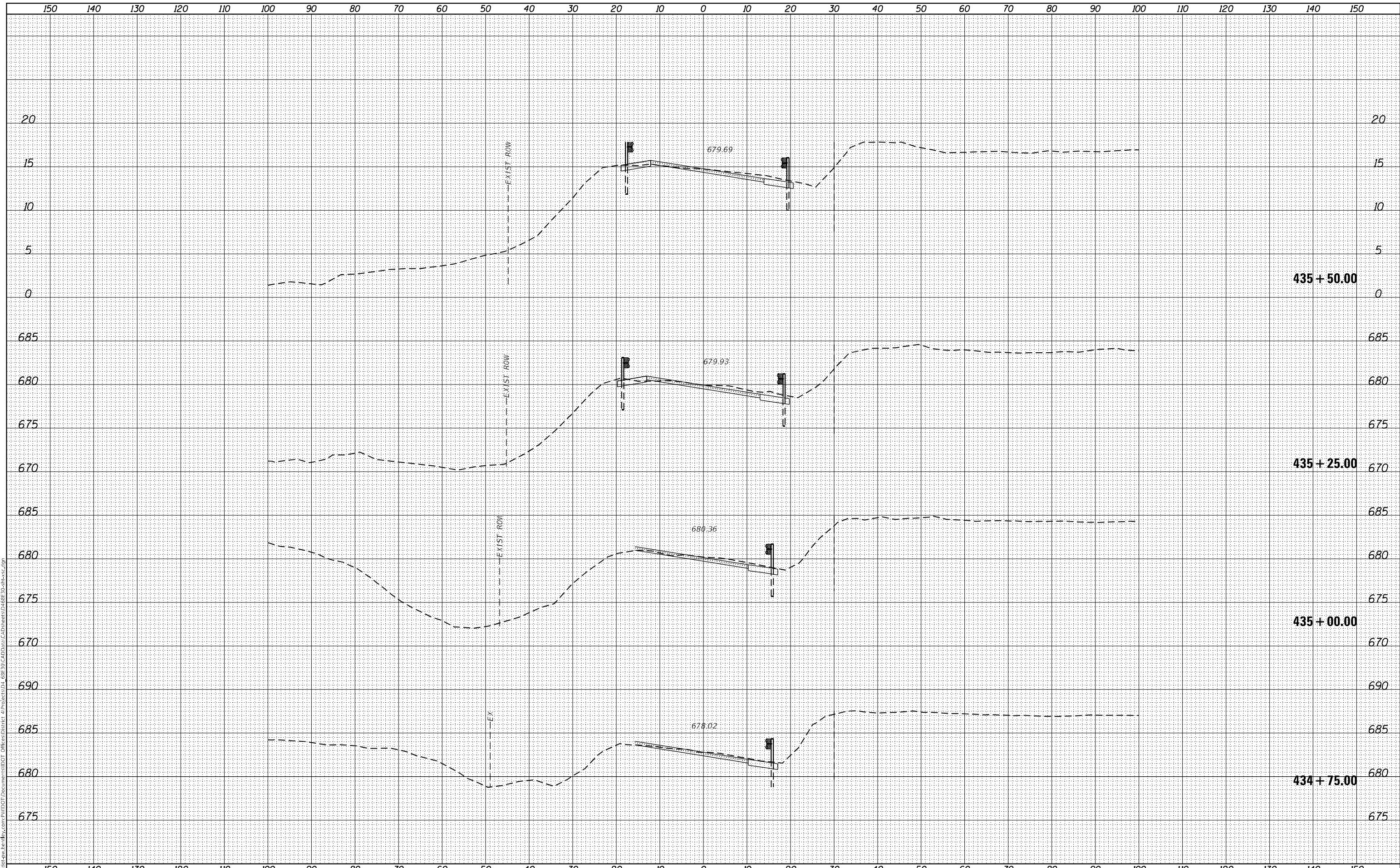
<b>CROSS SETCTIONS</b>	
SCALE:	SHEET 32 OF 46 SHEETS STA. 362+25.00 TO STA. 434+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	(123,124)RS-4	MERCER	88	74
CONTRACT NO. 68E30				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: Definit  
FILE NAME: D:\Illinois\pww\benby.com\PIV\DOT\Documents\DOT Office\center\_4\Project\DL\_68E30\CAD\DATA\CAD\Sheet\DL\_68E30\Sheet33.dgn



USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:20	CHECKED -	REVISED -
PLOT DATE = 12/15/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SETCTIONS**

SCALE: SHEET 33 OF 46 SHEETS STA. 434+75.00 TO STA. 435+50.00

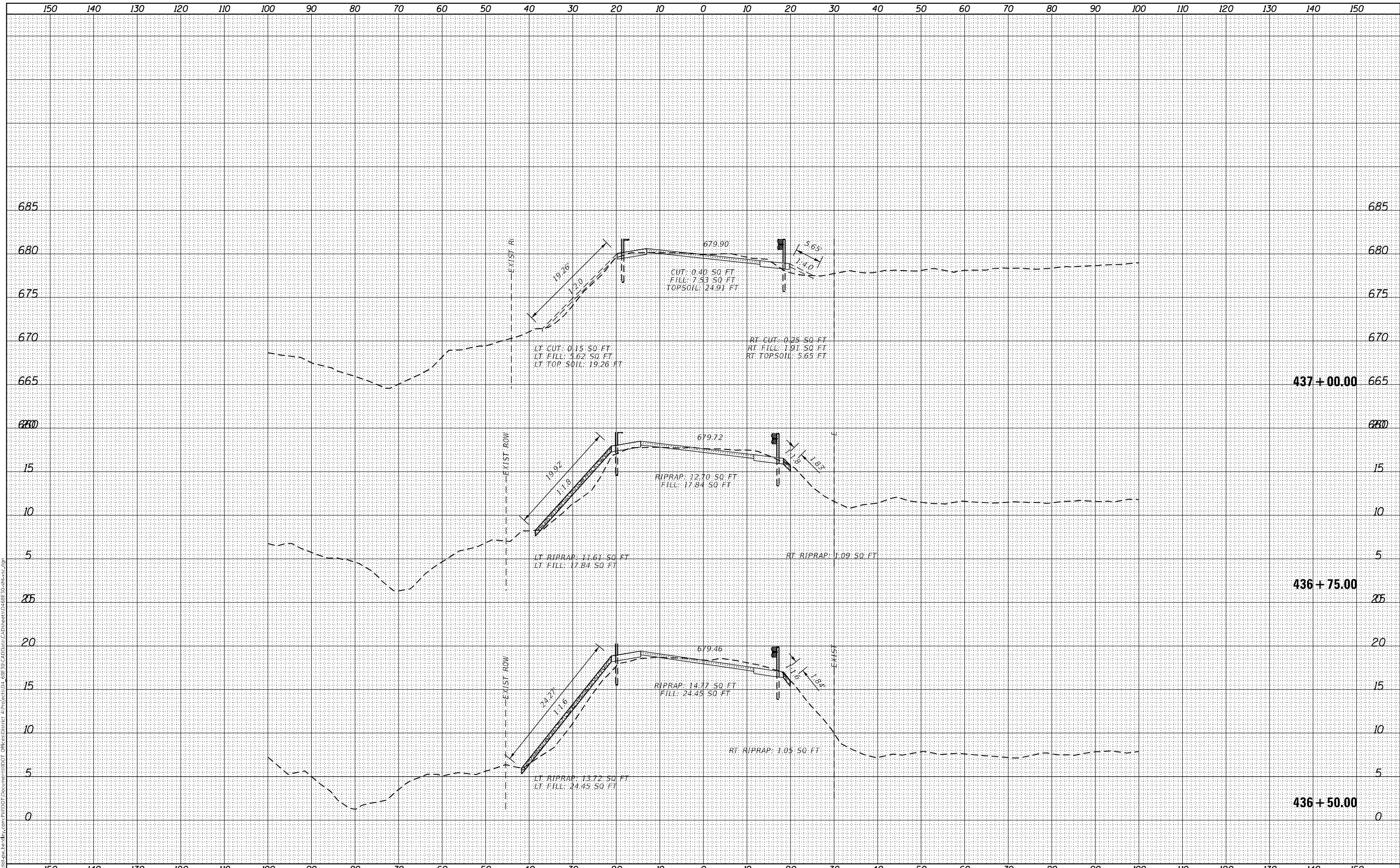
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	(123,124)RS-4	MERCER	88	75
CONTRACT NO. 68E30				
ILLINOIS FED. AID PROJECT				



DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

MODEL: Definit  
 FILE NAME: D:\work\pww\benby.com\pww\DOT Documents\DOT Office\center\_4\proj\68E30\CAD Data\CAD\Sheet\68E30\Sheet35.dgn



USER NAME = SUSERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:20	CHECKED -	REVISED -
PLOT DATE = 12/15/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SETCTIONS**

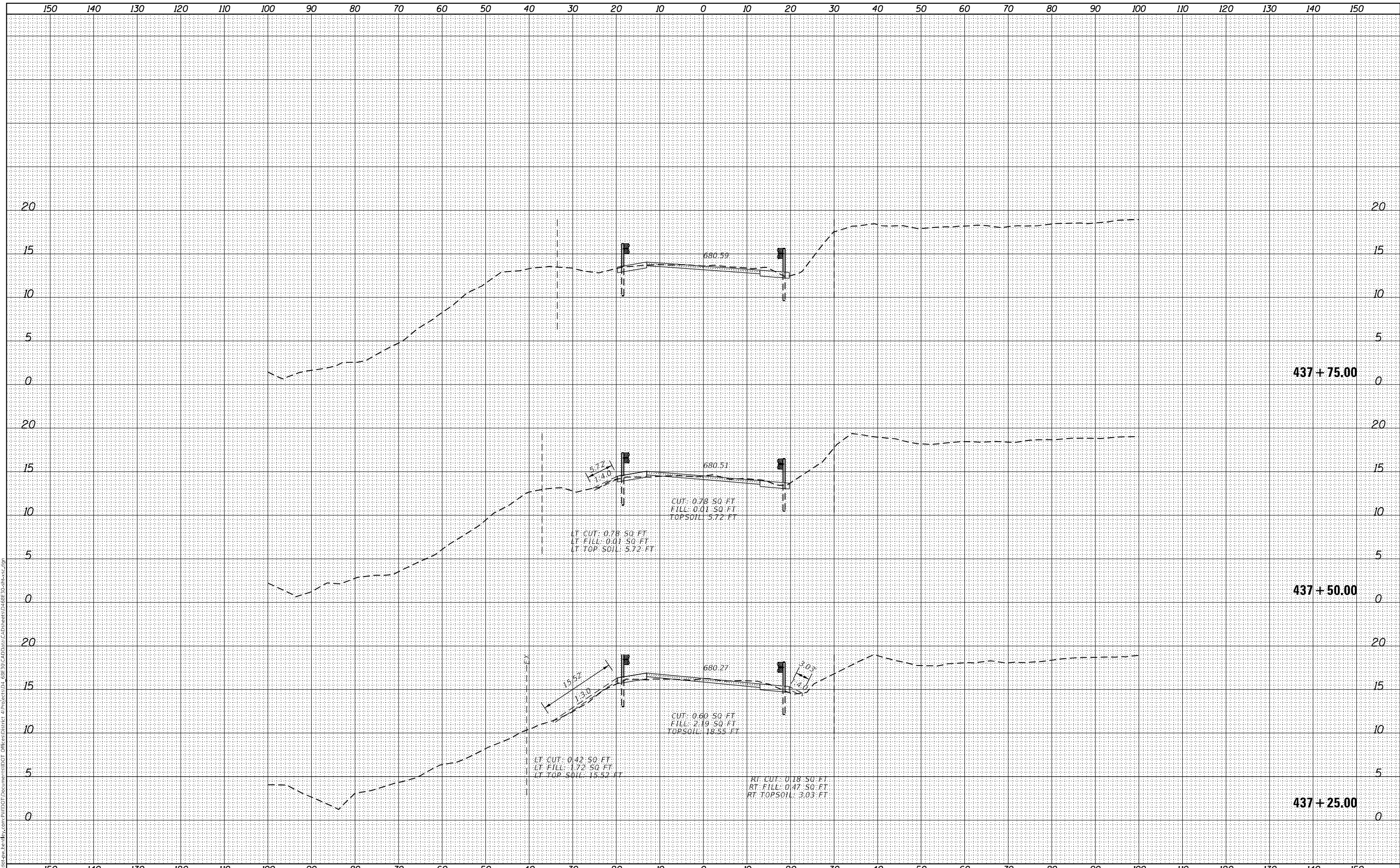
SCALE: SHEET 35 OF 46 SHEETS STA. 436+50.00 TO STA. 437+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	(123,124)RS-4	MERCER	88	77
CONTRACT NO. 68E30				
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: Definit  
 FILE NAME: p:\work\paw\_bentley.com\p\110101\DOT Documents\1101 DOT Office\center\_4\Project\DL\_68E30\CAD Data\CAD Sheets\DL\_68E30\Sheet30.dgn



**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SETCTIONS**

USER NAME = \$USERS	DESIGNED -	REVISED -
PLOT SCALE = 1:20	DRAWN -	REVISED -
PLOT DATE = 12/15/2023	CHECKED -	REVISED -
	DATE -	REVISED -

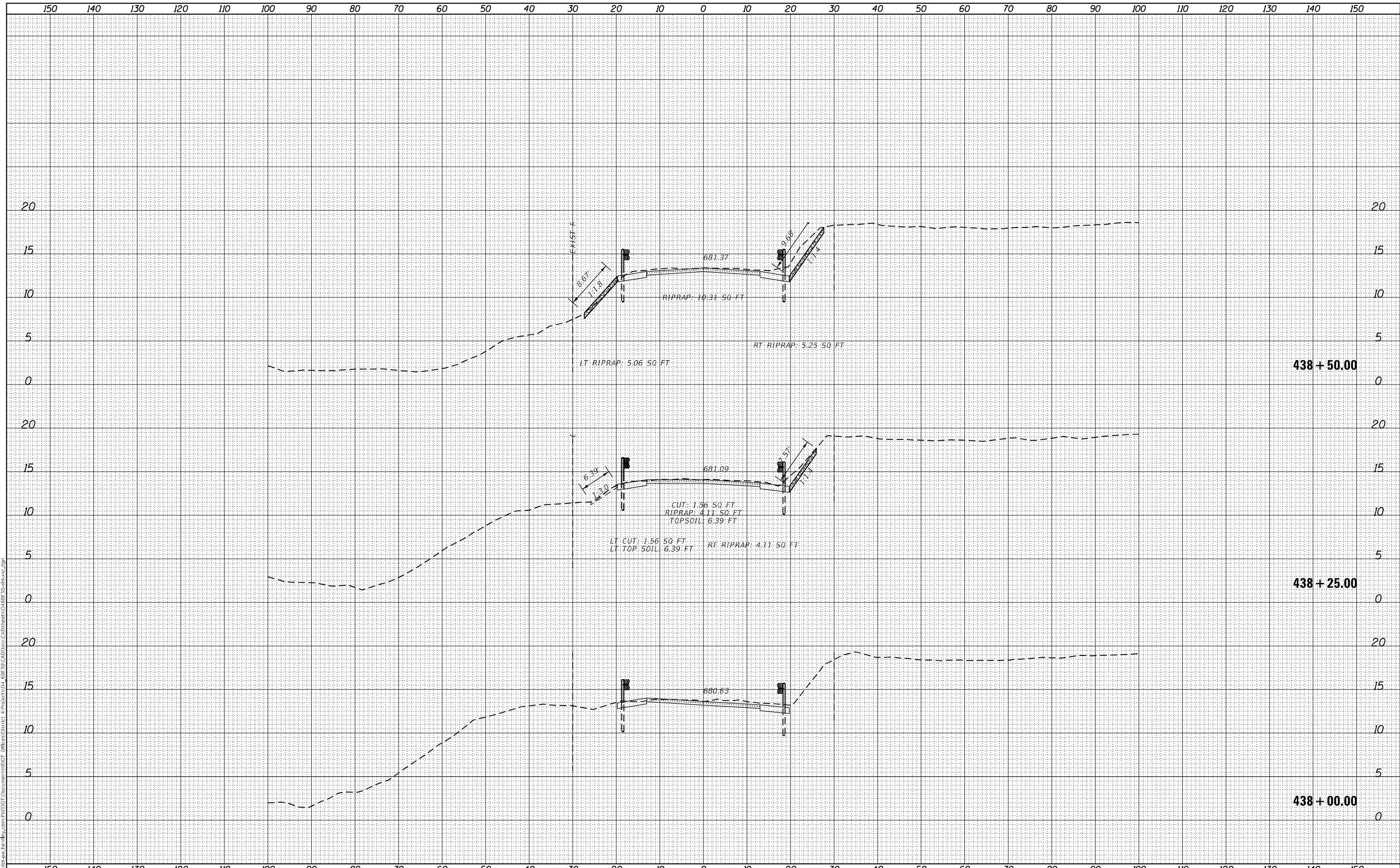
SCALE: SHEET 36 OF 46 SHEETS STA. 437+25.00 TO STA. 437+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	(123,124)RS-4	MERCER	88	78
CONTRACT NO. 68E30			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: Definit  
 FILE NAME: D:\Illinois\pww\benby.com\PIV\DOT\Documents\DOT\Office\Printer\4\Project\DL\_68E30\CAD\Drawn\CAD\Sheet\DL\_68E30\Sheet37.dgn



USER NAME = S\USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:20	CHECKED -	REVISED -
PLOT DATE = 12/15/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SETCTIONS**

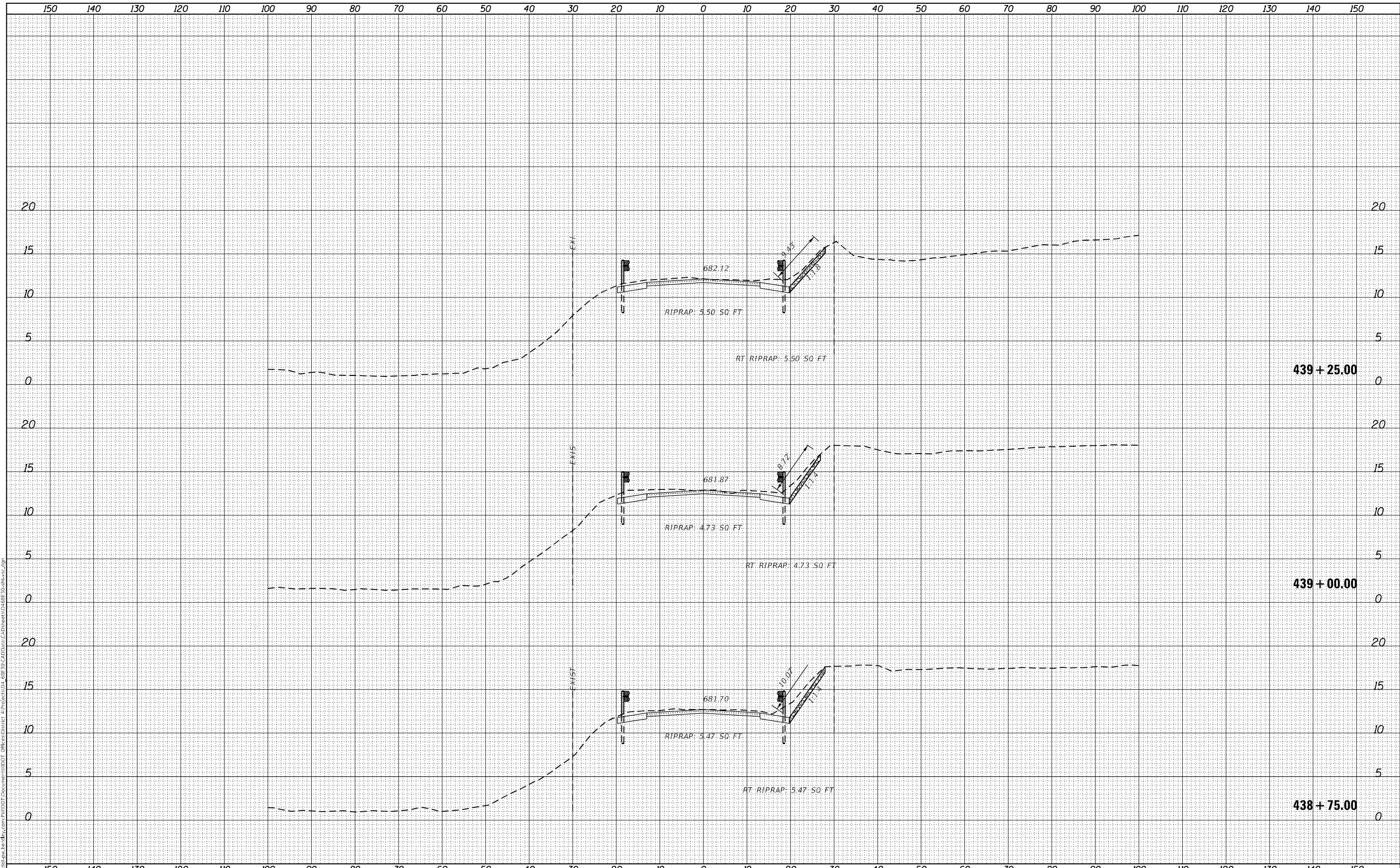
SCALE: SHEET 37 OF 46 SHEETS STA. 438+00.00 TO STA. 438+50.00

F.A.P. RTE. 639	SECTION (123,124)RS-4	COUNTY MERCER	TOTAL SHEETS 88	SHEET NO. 79
			CONTRACT NO. 68E30	
		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: Definit  
 FILE NAME: D:\Illinois\pww\benley.com\PIV\DOT\Documents\DOT\Office\Printer\419066E0D1\_68E30\CAD\Draws\CAD\Sheet\68E30\Sheet38.dgn



USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:20	CHECKED -	REVISED -
PLOT DATE = 12/15/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SETCTIONS**

SCALE: SHEET 38 OF 46 SHEETS STA. 438+75.00 TO STA. 439+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	(123,124)RS-4	MERCER	88	80
CONTRACT NO. 68E30				
ILLINOIS FED. AID PROJECT				

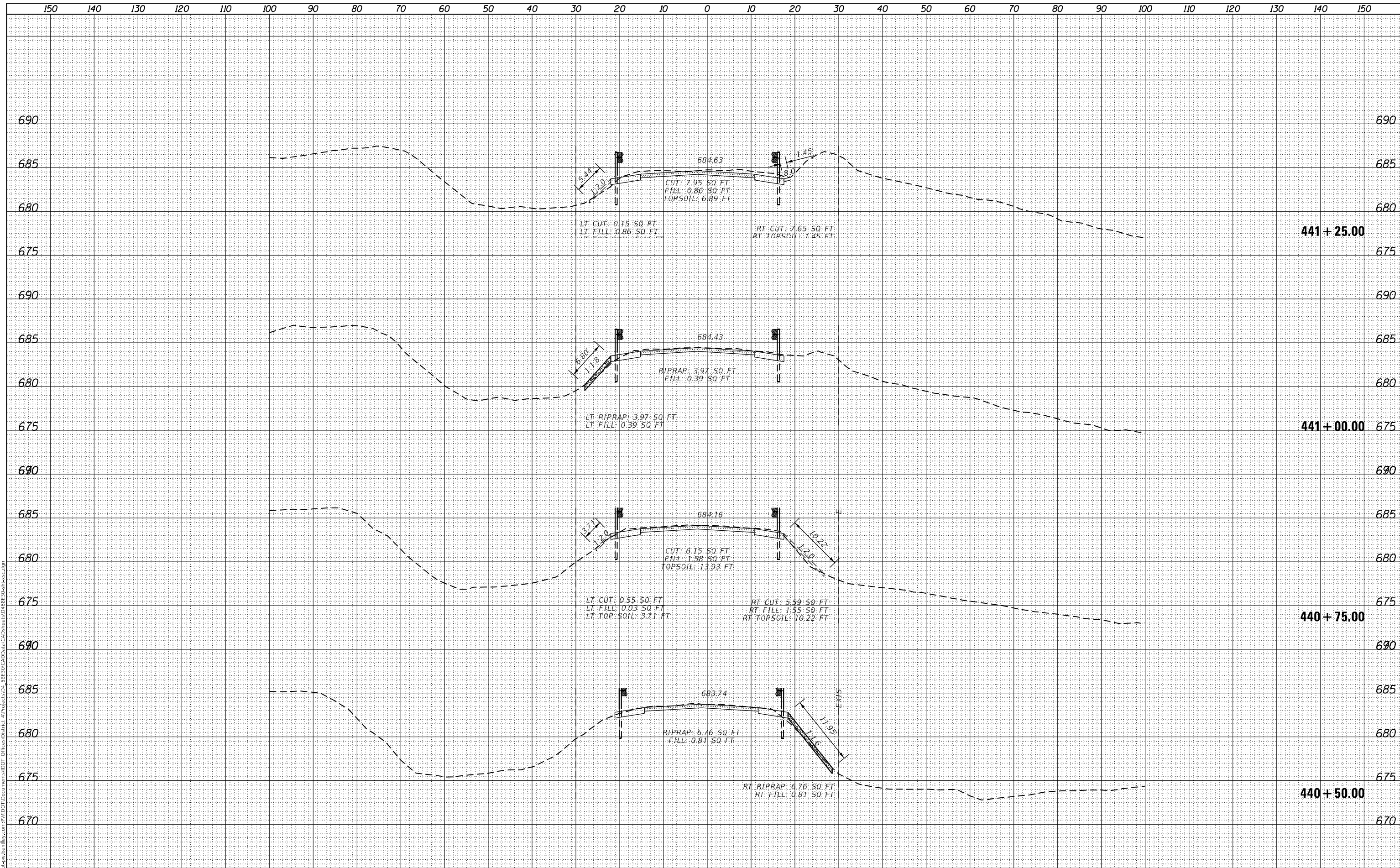




DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

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

MODEL: Definit  
 FILE NAME: p:\work\paw\_bentley.com\p\110101\DOT Documents\1101 DOT Office\Station 440\Sheet 46.dwg  
 C:\Data\SheetDwg\68E30.dwg  
 C:\Data\SheetDwg\68E30.dwg



USER NAME = susers	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:20	CHECKED -	REVISED -
PLOT DATE = 12/15/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SETCTIONS**

SCALE: SHEET 40 OF 46 SHEETS STA. 440+50.00 TO STA. 441+25.00

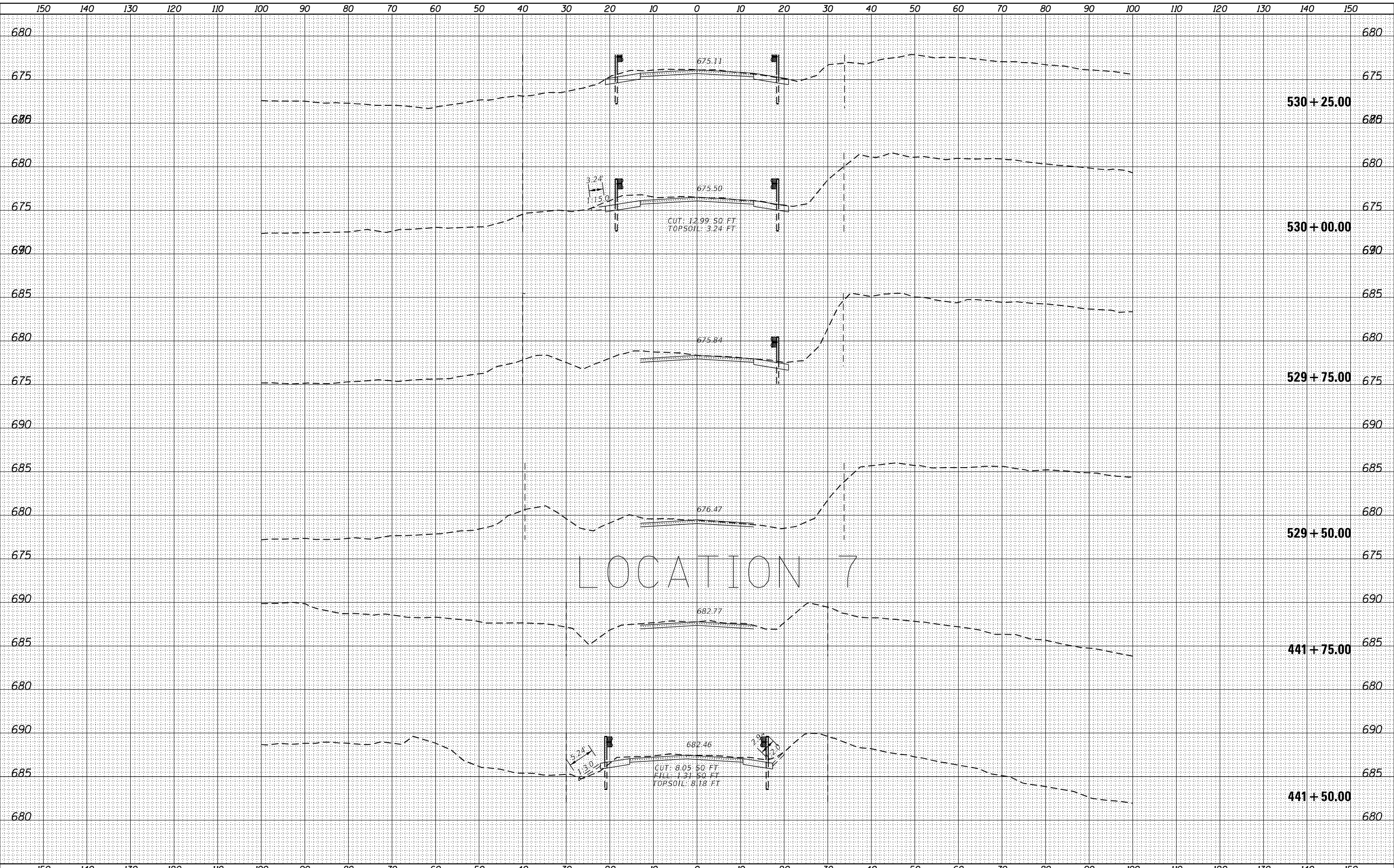
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	(123,124)RS-4	MERCER	88	82
CONTRACT NO. 68E30				

ILLINOIS FED. AID PROJECT

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

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

MODEL: Definit  
 FILE NAME: D:\Illinois\pww\benby.com\PIV\DOT\Documents\DOT\Drawings\Station\41\68E30\CAD\Drawings\41\68E30\41x50.dwg



USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:20	CHECKED -	REVISED -
PLOT DATE = 12/15/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

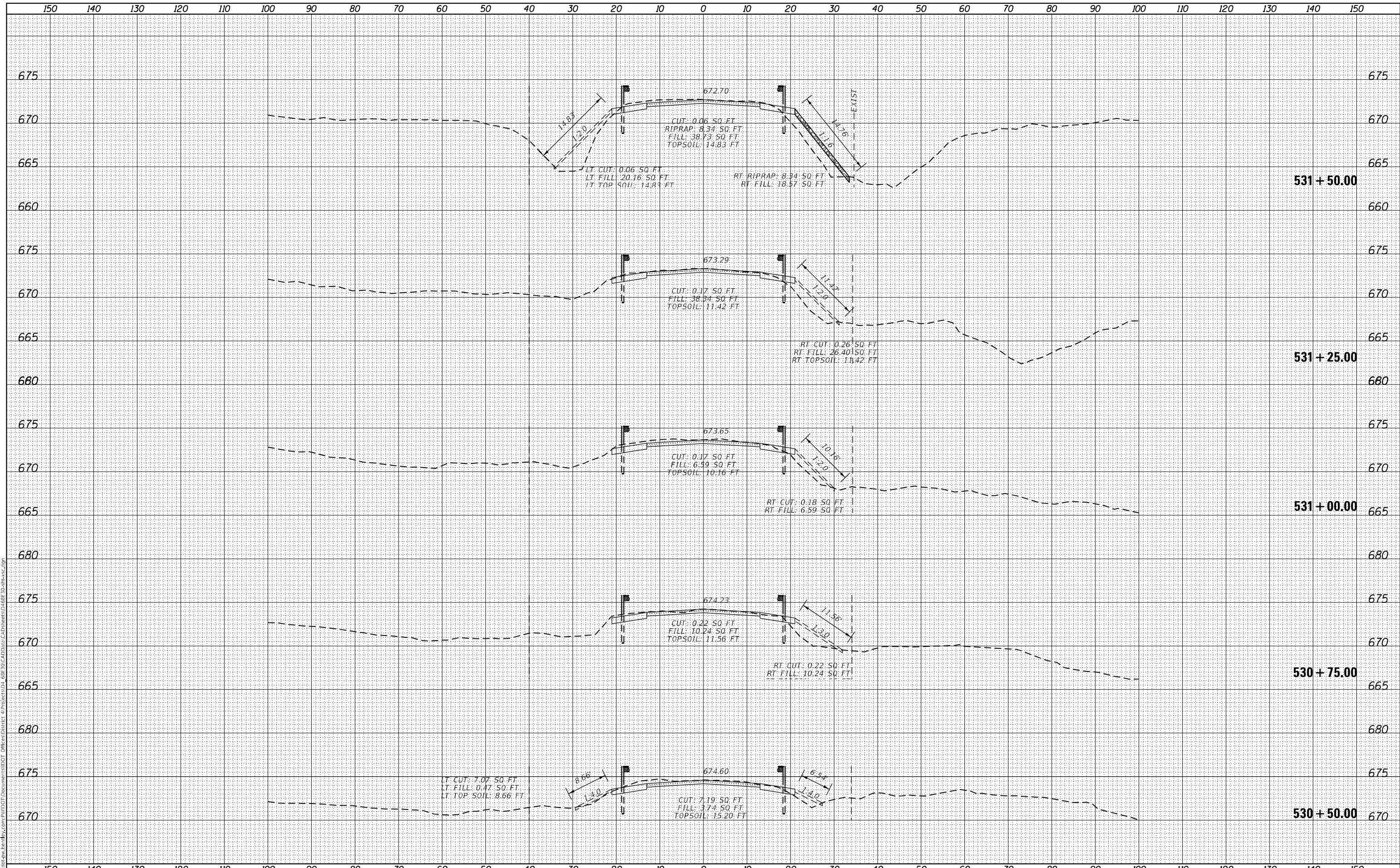
SCALE: SHEET 41 OF 46 SHEETS STA. 441+50.00 TO STA. 530+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	(123,124)RS-4	MERCER	88	83
CONTRACT NO. 68E30				
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: Definit  
 FILE NAME: p:\work\paw\_bentley.com\p\110101\DOT Documents\110101\DOT Office\center\_4\proj\68E30\CAD Data\CAD Sheets\68E30\68E30.dwg



USER NAME = \$USERS	DESIGNED -	REVISED -
PLOT SCALE = 1:20	DRAWN -	REVISED -
PLOT DATE = 12/15/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SETCTIONS**

SCALE: SHEET 42 OF 46 SHEETS STA. 530+50.00 TO STA. 531+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	(123,124)RS-4	MERCER	88	84
CONTRACT NO. 68E30				
ILLINOIS FED. AID PROJECT				

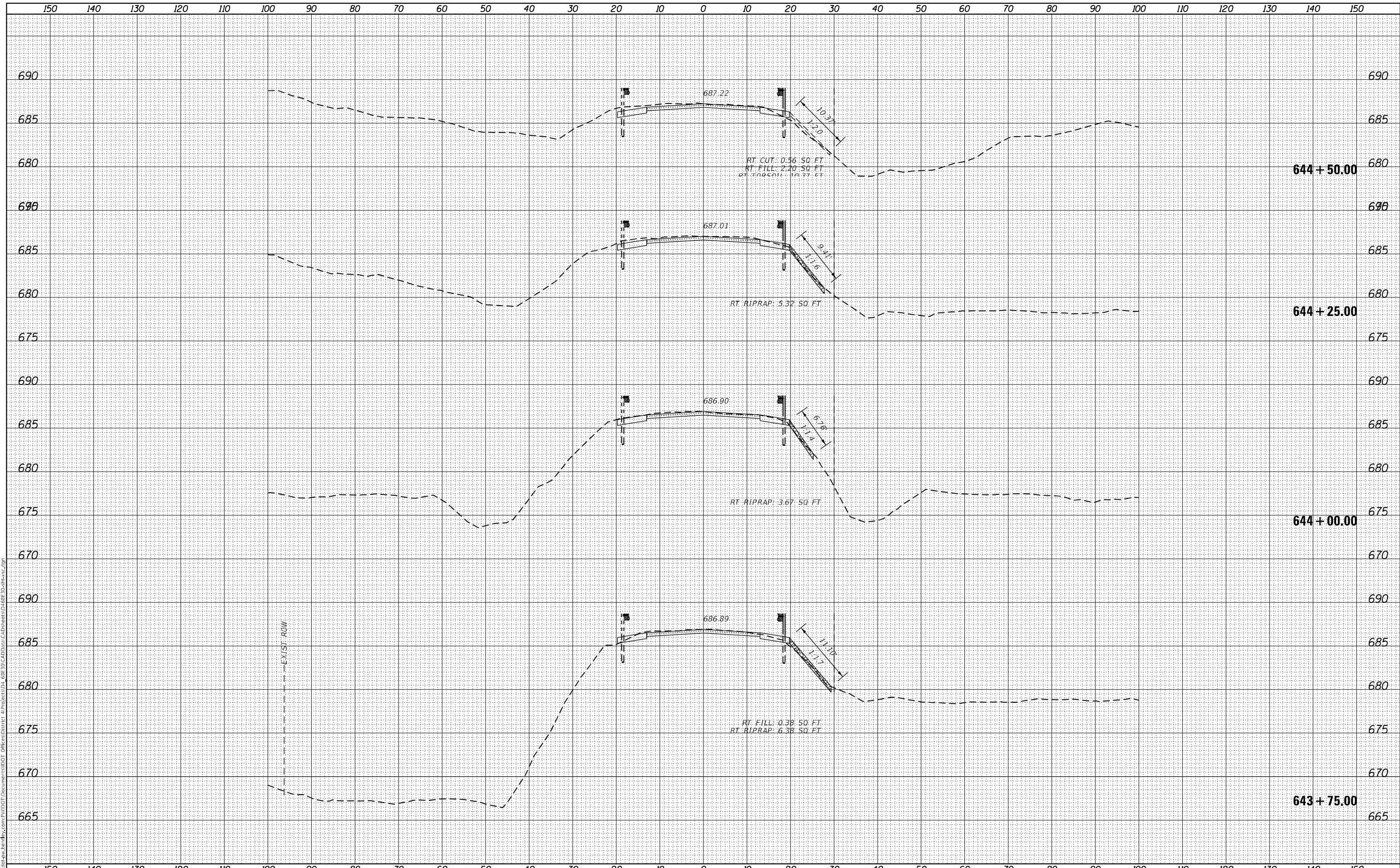




DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

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

MODEL: D:\mfr\...  
FILE NAME: D:\mfr\...  
C:\ProgramData\Autodesk\LT2018\bin\acad.lsp



USER NAME = susers	DESIGNED -	REVISD -
PLOT SCALE = 1:20	DRAWN -	REVISD -
PLOT DATE = 12/15/2023	CHECKED -	REVISD -
	DATE -	REVISD -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SETCTIONS**

SCALE: SHEET 45 OF 46 SHEETS STA. 643+75.00 TO STA. 644+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	(123,124)RS-4	MERCER	88	87
CONTRACT NO. 68E30				
ILLINOIS		FED. AID PROJECT		

