

108

04-24-2020 LETTING ITEM 108

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	-	LOGAN	94	1

SECTION (116)RS-6(117)RS-9(54-10)BDR-1 ILLINOIS CONTRACT NO. 72E00

* 94 + 2 = 96 TOTAL SHEETS

INDEX OF SHEETS
SEE SHEET #2

HIGHWAY STANDARDS
SEE SHEET #2

PROPOSED HIGHWAY PLANS

FAP ROUTE 315 (US 136)
SECTION (116)RS-6(117)RS-9(54-10)BDR-1
PROJECT NHPP-NLCI(100)
HMA RESURFACING, BRIDGE DECK IMPROVEMENTS
LOGAN COUNTY
C-96-020-11

D-96-020-11



FUNCTIONAL CLASSIFICATION:
OTHER PRINCIPAL ARTERIAL
AVERAGE DAILY TRAFFIC (YEAR = 2019):
BEGINNING OF PROJECT TO I-155 = 2,350
P.V. = 68.1 %
S.U. = 10.6 %
M.U. = 21.3 %
I-155 TO END OF PROJECT = 1,950
P.V. = 69.2 %
S.U. = 7.7 %
M.U. = 23.1 %



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

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

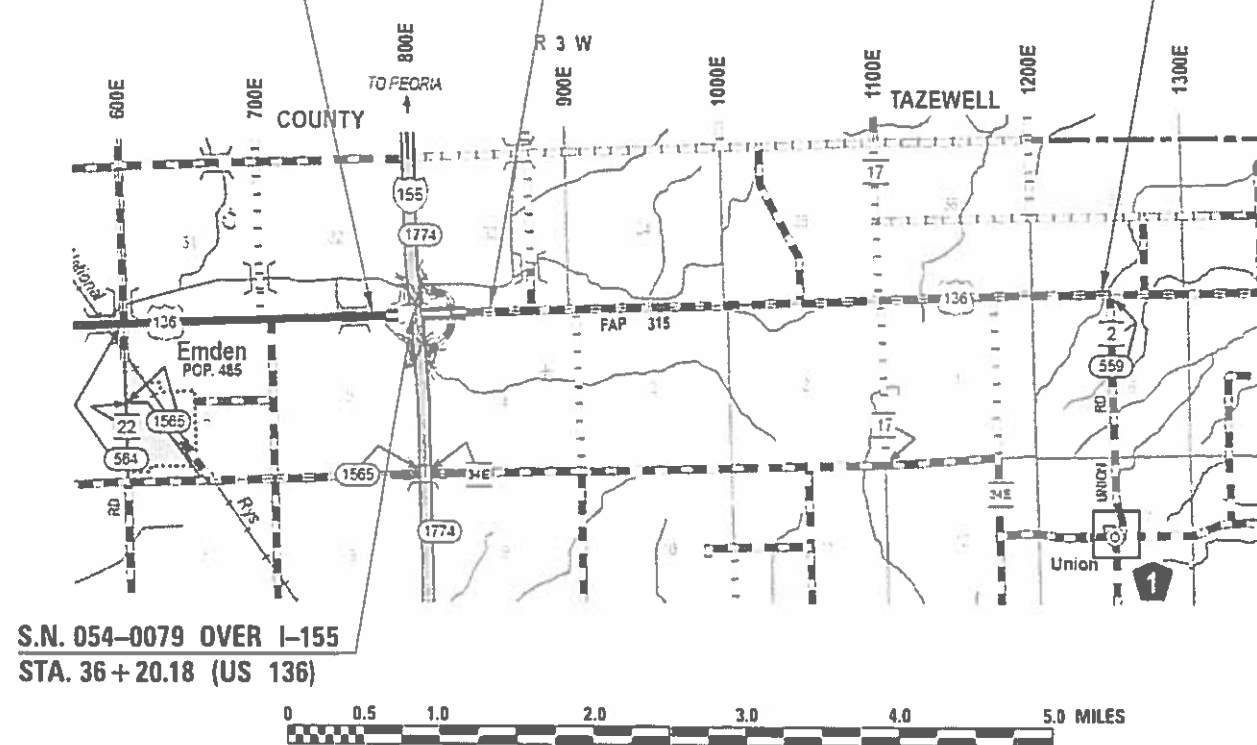
PROJECT ENGINEER: JAY WAVERING (217) 785-9046
PROJECT MANAGER: TIM SLAGLE (217) 785-5338

CONTRACT NO. 72E00

BEGINNING OF PROJECT
STA. 56 + 39.92

STATION EQUATION:
10 + 00.00 (BACK) =
447 + 09.54 (AHEAD)

END OF PROJECT
STA. 657 + 50.00



S.N. 054-0079 OVER I-155
STA. 36 + 20.18 (US 136)



SCALE

LOCATION MAP

GROSS LENGTH = 25,400.54 FT. = 4.811 MILES
NET LENGTH = 25,400.54 FT. = 4.811 MILES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED January 31, 2020

[Signature] REGIONAL ENGINEER

[Signature] ENGINEER OF DESIGN AND ENVIRONMENT

[Signature] DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

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HIGHWAY STANDARDS

000001-07	701001-02	701456-05
001001-02	701006-05	701901-08
001006	701101-05	704001-08
406201-01	701106-02	720006-04
630001-12	701301-04	725001-01
630301-09	701306-04	781001-04
631031-16	701311-03	782001-01
642006	701316-13	782006-01
667101-02	701326-04	
	701400-09	
	701406-12	

GENERAL NOTES:

1. THE CONTRACTOR SHALL NOTIFY THE DISTRICT SIX BUREAU OF OPERATIONS AT (217) 782-7314 THREE WEEKS PRIOR TO IMPLEMENTING ANY TRAFFIC CONTROL.
2. THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED TO CALCULATE THE PLAN QUANTITIES:

BITUMINOUS MATERIALS (TACK COAT)	0.05 LBS/FT ² MILLED/AGED
BITUMINOUS MATERIALS (TACK COAT)	0.025 LBS/FT ² FOG COAT, BETWEEN LIFTS
BITUMINOUS CONCRETE SURFACE / BINDER	0.056 TON/SQ. YD. PER 1"
AGGREGATE MATERIAL	1.60 TON/CU. YD.

SEEDING, CLASS 2 FERTILIZER NUTRIENTS (NITROGEN: PHOSPHOROUS: POTASSIUM) = 90: 90: 90 LBS/ACRE
 TEMPORARY EROSION CONTROL SEEDING = 100 LBS/ACRE
 MULCH = 2 TONS/ACRE
 AGGREGATE LIMESTONE = 2 TONS/ACRE

THE FOLLOWING CCPR APPLICATION RATES HAVE BEEN USED TO ESTIMATE PLAN QUANTITIES. THE ACTUAL QUANTITIES WILL BE BASED ON THE APPROVED MIX DESIGN:
 COLD CENTRAL PLANT RECYCLING:
 CCPR MIXTURE = 105 LBS/SY/INCH
 CCPR EMULSION UNIT WEIGHT = 8.44 LBS/GAL
 EMULSIFIED ASPHALT CONTENT = 3.5%
 CEMENT CONTENT = 1.0%
3. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS, MONUMENTS, AND PERMANENT SURVEY MARKERS UNTIL THE OWNER AND AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

COMMITMENTS:

1. NO COMMITMENTS.

MIXTURE REQUIREMENTS APPLICABLE FOR THIS PROJECT:

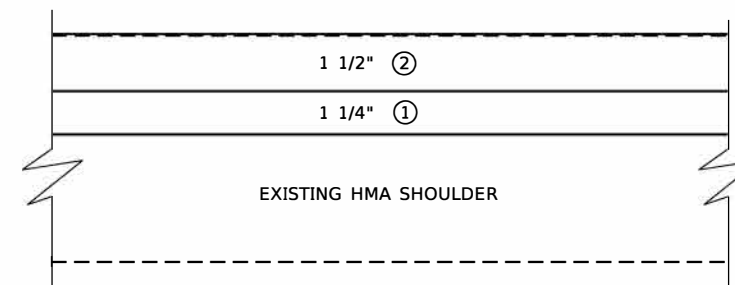
US 136 MAINLINE PAVEMENT	
MIXTURE USE(S):	HMA BASE COURSE
PG:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50
MIXTURE COMPOSITION:	IL 19.0
FRICTION AGGREGATE:	N/A
QUALITY MANAGEMENT:	QC/QA
SUBLOT SIZE:	N/A

US 136 MAINLINE PAVEMENT	
MIXTURE USE(S):	HMA SURFACE
PG:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50
MIXTURE COMPOSITION:	IL 9.5
FRICTION AGGREGATE:	MIX "C"
QUALITY MANAGEMENT:	QCP
SUBLOT SIZE:	1000 TONS

US 136 MAINLINE BINDER COURSE	
MIXTURE USE(S):	HMA BINDER
PG:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50
MIXTURE COMPOSITION:	IL 9.5 FG
FRICTION AGGREGATE:	N/A
QUALITY MANAGEMENT:	QCP
SUBLOT SIZE:	1,000 TONS

HMA SHOULDERS (2 3/4" DEPTH)		
MIXTURE USE(S):	HMA SHOULDER, LOWER LIFT ①	HMA SHOULDER, TOP LIFT ②
PG:	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION:	IL 9.5 FG	IL 9.5
FRICTION AGGREGATE:	N/A	MIX "C"
QUALITY MANAGEMENT:	QC/QA	QC/QA
SUBLOT SIZE:	N/A	N/A

HMA SHOULDERS (1 1/2" DEPTH)	
MIXTURE USE(S):	HMA SHOULDER
PG:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50
MIXTURE COMPOSITION:	IL 9.5
FRICTION AGGREGATE:	MIX "C"
QUALITY MANAGEMENT:	QC/QA
SUBLOT SIZE:	N/A



HMA SHOULDERS RESURFACING LIFT DIAGRAM

INCIDENTAL HMA, SIDEROADS, ENTRANCES	
MIXTURE USE(S):	INCIDENTAL
PG:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50
MIXTURE COMPOSITION:	IL 9.5
FRICTION AGGREGATE:	MIX "C"
QUALITY MANAGEMENT:	QC/QA
SUBLOT SIZE:	N/A

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
DISTRICT 6**

EXAMINED	JANUARY 28	20	20
ENGINEER OF OPERATIONS			
EXAMINED	JANUARY 29	20	20
ENGINEER OF PROJECT IMPLEMENTATION			
EXAMINED	JANUARY 25	20	20
ENGINEER OF PROGRAM DEVELOPMENT			

REV. - MS

MODEL: Guardrail Location 1
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PROJECT: I:\Projects\2020\11000001\11000001.dwg
DATE: 1/11/2020

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	DRAWN - RTS	REVISED -
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PLOT DATE = 1/31/2020	DATE - 1/11/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	2
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72E00	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				6-00548-0000	6-00548-0200	6-00548-0100
				ROADWAY	SHOULDER	STRUCTURE
				0005	0005	0013
				80% FED / 20 % ST	80% FED / 20 % ST	90% FED / 10 % ST
20200100	EARTH EXCAVATION	CU YD	195	190		5
20400800	FURNISHED EXCAVATION	CU YD	65	65		
21301052	EXPLORATION TRENCH 52" DEPTH	FOOT	50	50		
25000200	SEEDING, CLASS 2	ACRE	0.4	0.4		
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	34	34		
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	34	34		
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	34	34		
25000700	AGRICULTURAL GROUND LIMESTONE	TON	0.8	0.8		
25100115	MULCH, METHOD 2	ACRE	0.4	0.4		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	45	38		7
30201700	PORTLAND CEMENT	TON	65		65	
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	88	88		
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	640	640		
35501324	HOT-MIX ASPHALT BASE COURSE, 10"	SQ YD	75			75

MODEL Summary of Quantities
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REV. - MS

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PLOT DATE = 1/31/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	3
			CONTRACT NO. 72E00	
		ILLINOIS	FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				6-00548-0000	6-00548-0200	6-00548-0100
				ROADWAY	SHOULDER	STRUCTURE
				0005	0005	0013
				80% FED / 20 % ST	80% FED / 20 % ST	90% FED / 10 % ST
35501332	HOT-MIX ASPHALT BASE COURSE, 12"	SQ YD	640	640		
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	61450	61450		
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	83	16		67
40600990	TEMPORARY RAMP	SQ YD	1199	810		389
40602965	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N50	TON	4961	4961		
40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	6099	6099		
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	156	156		
44000100	PAVEMENT REMOVAL	SQ YD	640	640		
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	640	640		
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	19138	19138		
44004250	PAVED SHOULDER REMOVAL	SQ YD	68			68
48101200	AGGREGATE SHOULDERS, TYPE B	TON	1443	1443		
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	111	111		
48203100	HOT-MIX ASPHALT SHOULDERS	TON	2721	2696		25

MODEL Summary of Quantities
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PLOT DATE = 1/31/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	4
			CONTRACT NO. 72E00	
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				6-00548-0000	6-00548-0200	6-00548-0100
				ROADWAY	SHOULDER	STRUCTURE
				0005	0005	0013
				80% FED / 20 % ST	80% FED / 20 % ST	90% FED / 10 % ST
50102400	CONCRETE REMOVAL	CU YD	28.9			28.9
50157300	PROTECTIVE SHIELD	SQ YD	646			646
50300255	CONCRETE SUPERSTRUCTURE	CU YD	28.9			28.9
50300260	BRIDGE DECK GROOVING	SQ YD	1490			1490
50300300	PROTECTIVE COAT	SQ YD	1616			1616
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	4570			4570
50800515	BAR SPLICERS	EACH	40			40
52000110	PREFORMED JOINT STRIP SEAL	FOOT	137			137
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	2			2
60100915	PIPE DRAINS 6"	FOOT	25	25		
61133100	FIELD TILE JUNCTION VAULTS, 2' DIA.	EACH	1	1		
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	525	525		
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	2	2		
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	6	6		

* SPECIALTY ITEM

REV. - MS

MODEL Summary of Quantities
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PLOT DATE = 1/31/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	5
CONTRACT NO. 72E00			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				6-00548-0000	6-00548-0200	6-00548-0100
				ROADWAY	SHOULDER	STRUCTURE
				0005	0005	0013
				80% FED / 20 % ST	80% FED / 20 % ST	90% FED / 10 % ST
63200310	GUARDRAIL REMOVAL	FOOT	464	464		
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	47898	47898		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	8	5	1	2
67100100	MOBILIZATION	L SUM	1	0.6	0.2	0.2
70100100	TRAFFIC CONTROL AND PROTECTION, STANDARD 701316	EACH	1	1		
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1		
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1		0.9	0.1
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1			1
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	1			1
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1			1
70106700	TEMPORARY RUMBLE STRIPS	EACH	12	6		6
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	180	30		150
70300100	SHORT TERM PAVEMENT MARKING	FOOT	17328	17328		
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1444	1444		

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PLOT DATE = 1/31/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	6
			CONTRACT NO. 72E00	
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				6-00548-0000	6-00548-0200	6-00548-0100
				ROADWAY	SHOULDER	STRUCTURE
				0005	0005	0013
				80% FED / 20 % ST	80% FED / 20 % ST	90% FED / 10 % ST
70500665	TEMPORARY TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	2			2
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	8	6		2
* 78001120	PAINT PAVEMENT MARKING - LINE 5"	FOOT	62665	62665		
* 78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	935	935		
* 78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	122	122		
* 78004200	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS	SQ FT	125	125		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	396	396		
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	24	16		8
* 78200020	CURB REFLECTORS	EACH	150	150		
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	396	396		
X0327979	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	559.7	261.7		298
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	79021	78865		156
X4404260	PAVED SHOULDER REMOVAL (SPECIAL)	SQ YD	19040		19040	
X6026800	INLETS TO BE RECONSTRUCTED (SPECIAL)	EACH	2			2

* SPECIALTY ITEM

MODEL Summary of Quantities
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	7
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72E00	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				6-00548-0000	6-00548-0200	6-00548-0100
				ROADWAY	SHOULDER	STRUCTURE
				0005	0005	0013
				80% FED / 20 % ST	80% FED / 20 % ST	90% FED / 10 % ST
X7010200	TRAFFIC CONTROL AND PROTECTION, STANDARD 701316 (SPECIAL)	EACH	1			1
X7050167	TEMPORARY TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL (TANGENT)	EACH	2			2
X7200053	REMOVE, STORE AND RE-ERECT SIGN PANEL (SPECIAL)	EACH	10			10
Z0012130	BRIDGE DECK SCARIFICATION 3/4"	SQ YD	1540			1540
Z0012164	BRIDGE DECK MICROSILICA CONCRETE OVERLAY 2 1/2"	SQ YD	1540			1540
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	63			63
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.6	0.1	0.3
Z0016002	DECK SLAB REPAIR (FULL DEPTH, TYPE II)	SQ YD	22,8			22,8
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	25829	25829		
Z0034105	MATERIAL TRANSFER DEVICE	TON	6836	6836		
Z0049799	PROTECTING OR RESETTING SURVEY MARKERS	EACH	8	8		
	DRAINAGE SCUPPER TO BE ADJUSTED	EACH	2			2
X4200003	COLD CENTRAL PLANT RECYCLING, 6 1/2"	SQ YD	19040		19040	
Ø Z0076600	TRAINEES	HOUR	2000	2000		
X4200004	CCPR EMULSIFIED ASPHALT	GALLON	53888		53888	
Ø Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	2000	2000		

Ø 0042

REV. - MS

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PLOT DATE = 1/31/2020	DATE -	REVISED -

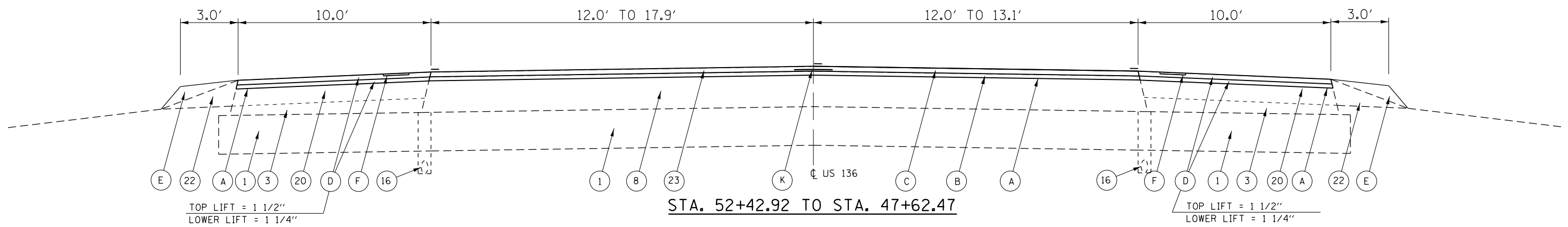
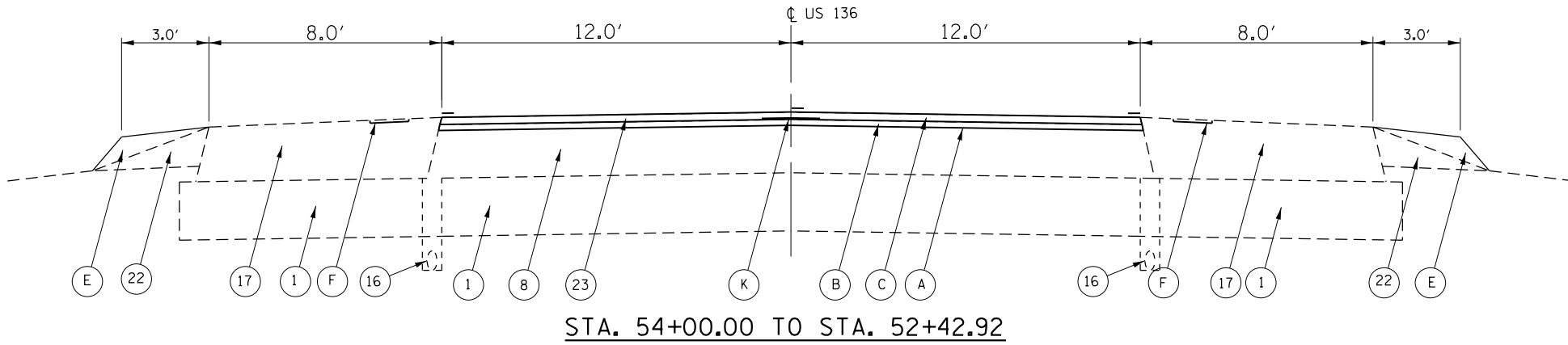
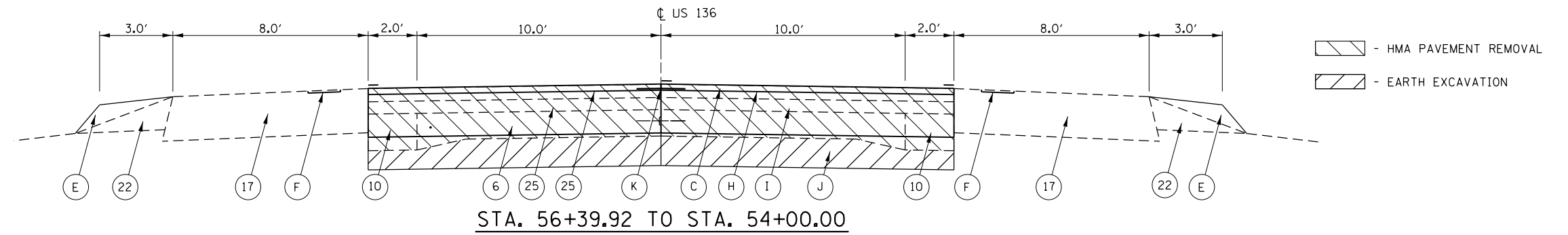
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	8
CONTRACT NO. 72E00			ILLINOIS FED. AID PROJECT	

(116)RS-6(117)RS-9(54-10)BDR-1



LEGEND

- 1 EXIST. LIME MODIFIED SOIL, 12"
- 2 EXIST. SUBBASE GRANULAR MATERIAL, TYPE A, 4"
- 3 EXIST. SUBBASE GRANULAR MATERIAL, TYPE C, VARIABLE DEPTH
- 4 EXIST. EARTHEN MATERIAL
- 5 EXIST. SODDED EARTH MEDIAN
- 6 EXIST. P.C.C. PAVEMENT (9"-6 1/2"-'9") W/ 3/4"Ø SMOOTH BAR & LONGITUDINAL JOINT
- 7 EXIST. HMA BINDER COURSE, 8"
- 8 EXIST. HMA BINDER COURSE, 11"
- 9 EXIST. HMA BINDER COURSE, 12 1/4"
- 10 EXIST. HMA BASE COURSE WIDENING, 9"
- 11 EXIST. CORRUGATED CONCRETE MEDIAN
- 12 EXIST. CONCRETE MEDIAN, TYPE SM 6.12 (HWY. STD. 2122)
- 13 EXIST. CONCRETE MEDIAN SURFACE, 4"
- 14 EXIST. COMBINATION CONCRETE CURB & GUTTER, TYPE M 6.12
- 15 EXIST. CONCRETE GUTTER, TYPE B
- 16 EXIST. PIPE UNDERDRAIN, 4"Ø (HWY. STD. 2327)
- 17 EXIST. P.C.C. SHOULDER
- 18 EXIST. HMA SHOULDER
- 19 EXIST. HMA SHOULDER, 3"
- 20 EXIST. HMA SHOULDER, 8"
- 21 EXIST. AGGREGATE SHOULDER, TYPE A, 8"
- 22 EXIST. AGGREGATE SHOULDER, TYPE B
- 23 EXIST. HMA SURFACE COURSE, 1 1/2" DEPTH
- 24 EXIST. HMA SURFACE COURSE, 1 3/4" DEPTH
- 25 EXIST. HMA SURFACING

PROPOSED LEGEND

- A HMA SURFACE REMOVAL, 2 3/4"
- B HMA BINDER COURSE, 1.25"
- C HMA SURFACE COURSE, 1.5"
- D HMA SHOULDERS
- E AGGREGATE SHOULDER, TYPE B (AVERAGE DEPTH = 2")
- F RUMBLE STRIP 8"
- G COLD CENTRAL PLANT RECYCLING, 6 1/2"
- H HMA SURFACE REMOVAL, 1 1/2"
- I HMA BASE COURSE, 12"
- J AGGREGATE BASE COURSE, TYPE B, 8"
- K LONGITUDINAL JOINT SEALANT
- L INCIDENTAL HMA SURFACING
- M HMA SURFACE REMOVAL, VARIABLE DEPTH (1 1/2" @ CENTERLINE)
- N PAVED SHOULDER REMOVAL (SPECIAL)
- O AGGREGATE SHOULDER, TYPE B 6"

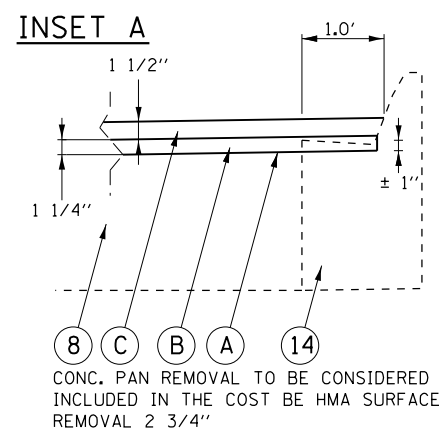
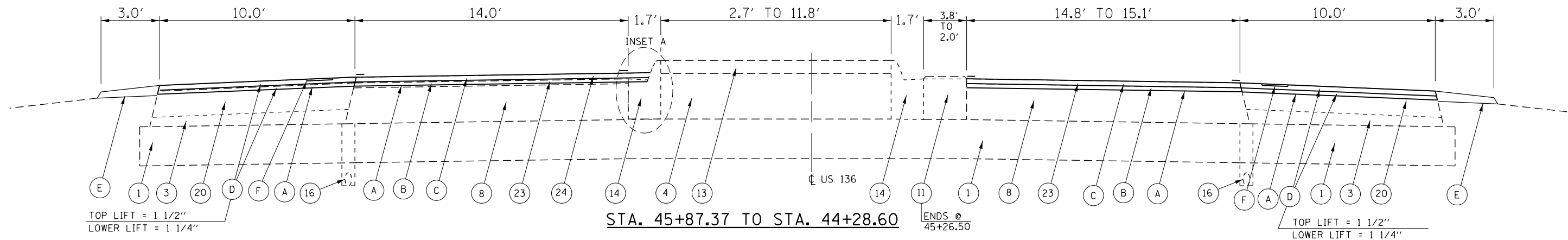
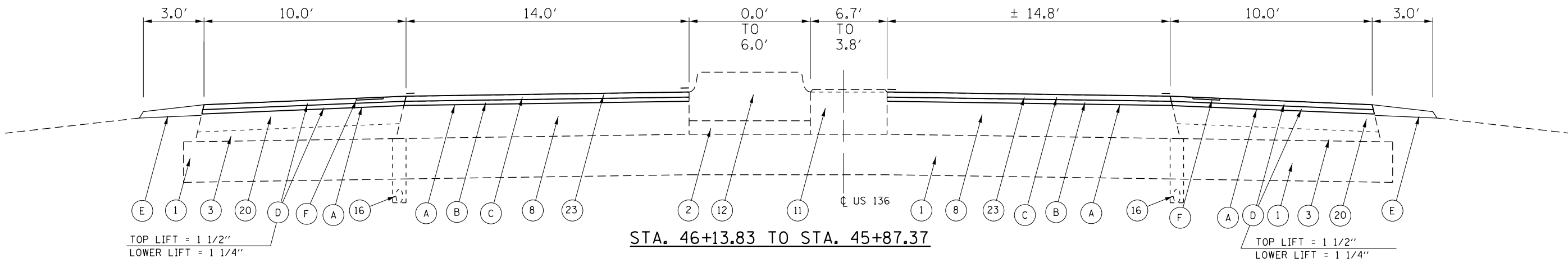
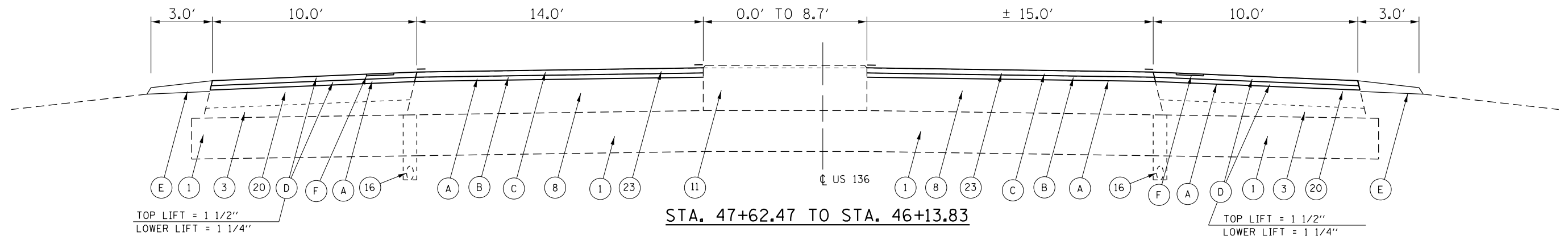
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	DRAWN -	REVISED -
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PLOT DATE = 1/31/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE:		SHEET 1 OF 10 SHEETS		STA. TO STA.	
		TYPICAL CROSS SECTIONS			

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	9
CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				

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 SECTION: 672E00-9-9



LEGEND

(1) EXIST. LIME MODIFIED SOIL, 12"	(12) EXIST. CONCRETE MEDIAN, TYPE SM 6.12 (HWY. STD. 2122)
(2) EXIST. SUBBASE GRANULAR MATERIAL, TYPE A, 4"	(16) EXIST. PIPE UNDERDRAIN, 4"Ø (HWY. STD. 2327)
(3) EXIST. SUBBASE GRANULAR MATERIAL, TYPE C, VARIABLE DEPTH	(20) EXIST. HMA SHOULDER, 8"
(8) EXIST. HMA BINDER COURSE, 11"	(22) EXIST. AGGREGATE SHOULDER, TYPE B
(11) EXIST. CORRUGATED CONCRETE MEDIAN	(23) EXIST. HMA SURFACE COURSE, 1 1/2" DEPTH

PROPOSED LEGEND

(A) HMA SURFACE REMOVAL, 2 3/4"
(B) HMA BINDER COURSE, 1.25"
(C) HMA SURFACE COURSE, 1.5"
(D) HMA SHOULDERS
(E) AGGREGATE SHOULDER, TYPE B (AVERAGE DEPTH = 2")
(F) RUMBLE STRIP 8"
(K) LONGITUDINAL JOINT SEALANT

MODEL: Default
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 PLOT DATE: 1/31/2020

USER NAME = TANJO	DESIGNED -	REVISED -
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PLOT DATE = 1/31/2020	CHECKED -	REVISED -
	DATE -	REVISED -

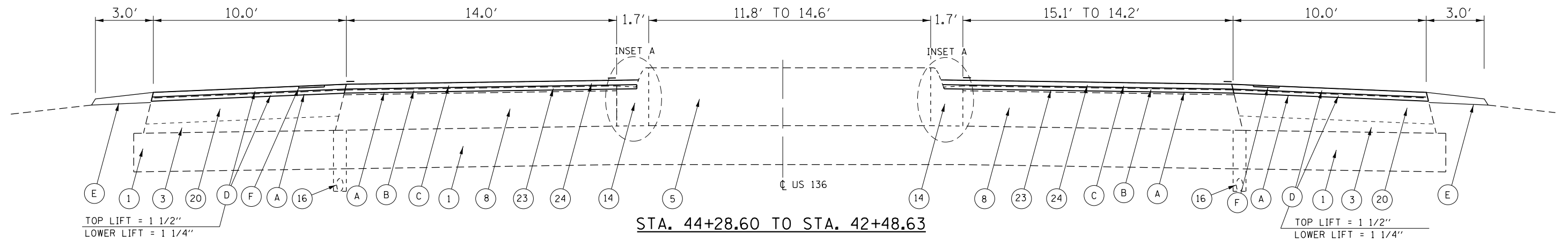
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTIONS

SCALE: SHEET 2 OF 10 SHEETS STA. TO STA.

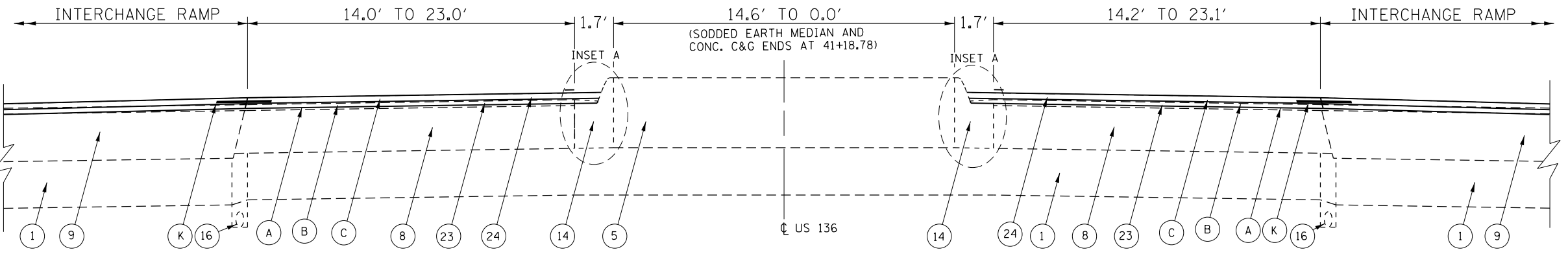
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315	*	LOGAN	94	10
CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				

(116)RS-6(117)RS-9(54-10)BDR-1

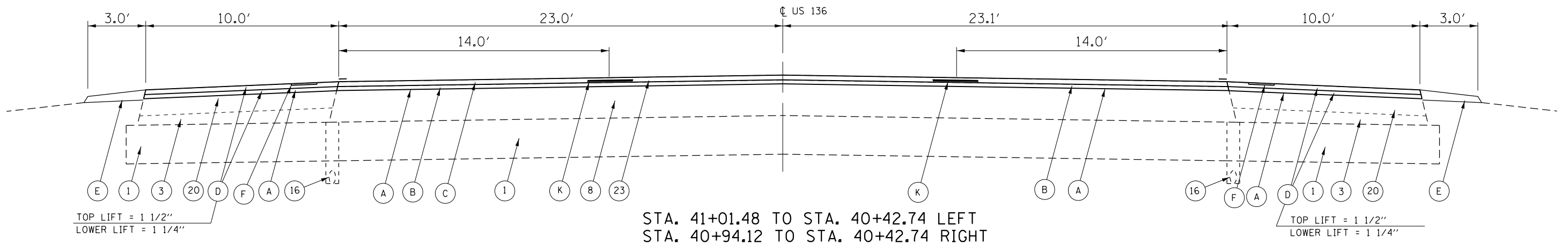


TOP LIFT = 1 1/2"
LOWER LIFT = 1 1/4"

TOP LIFT = 1 1/2"
LOWER LIFT = 1 1/4"

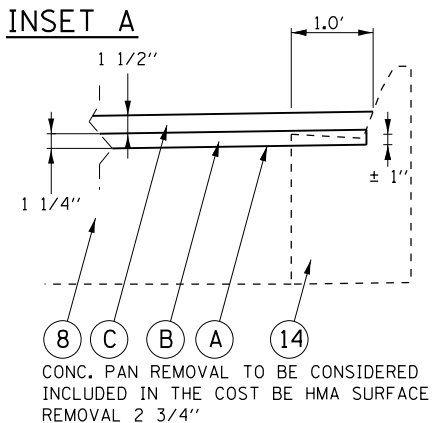


STA. 42+48.63 TO STA. 41+01.48 LEFT
STA. 42+48.63 TO STA. 40+94.12 RIGHT



TOP LIFT = 1 1/2"
LOWER LIFT = 1 1/4"

TOP LIFT = 1 1/2"
LOWER LIFT = 1 1/4"



CONC. PAN REMOVAL TO BE CONSIDERED INCLUDED IN THE COST BE HMA SURFACE REMOVAL 2 3/4"

LEGEND	
1	EXIST. LIME MODIFIED SOIL, 12"
3	EXIST. SUBBASE GRANULAR MATERIAL, TYPE C, VARIABLE DEPTH
4	EXIST. EARTHEN MATERIAL
5	EXIST. SODDED EARTH MEDIAN
8	EXIST. HMA BINDER COURSE, 11"
9	EXIST. HMA BINDER COURSE, 12 1/4"
11	EXIST. CORRUGATED CONCRETE MEDIAN
13	EXIST. CONCRETE MEDIAN SURFACE, 4"
14	EXIST. COMBINATION CONCRETE CURB & GUTTER, TYPE M 6.12
16	EXIST. PIPE UNDERDRAIN, 4"Ø (HWY. STD. 2327)
20	EXIST. HMA SHOULDER, 8"
22	EXIST. AGGREGATE SHOULDER, TYPE B
23	EXIST. HMA SURFACE COURSE, 1 1/2" DEPTH
24	EXIST. HMA SURFACE COURSE, 1 3/4" DEPTH

PROPOSED LEGEND	
A	HMA SURFACE REMOVAL, 2 3/4"
B	HMA BINDER COURSE, 1.25"
C	HMA SURFACE COURSE, 1.5"
D	HMA SHOULDERS
E	AGGREGATE SHOULDER, TYPE B (AVERAGE DEPTH = 2")
F	RUMBLE STRIP 8"
K	LONGITUDINAL JOINT SEALANT

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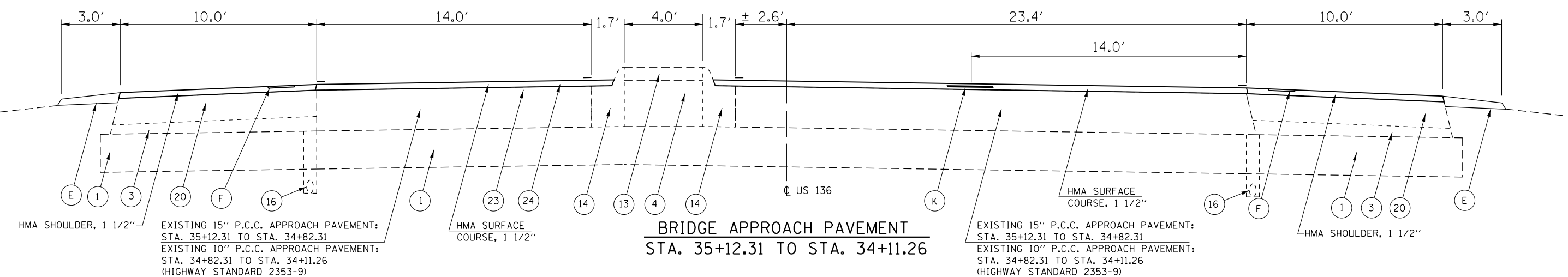
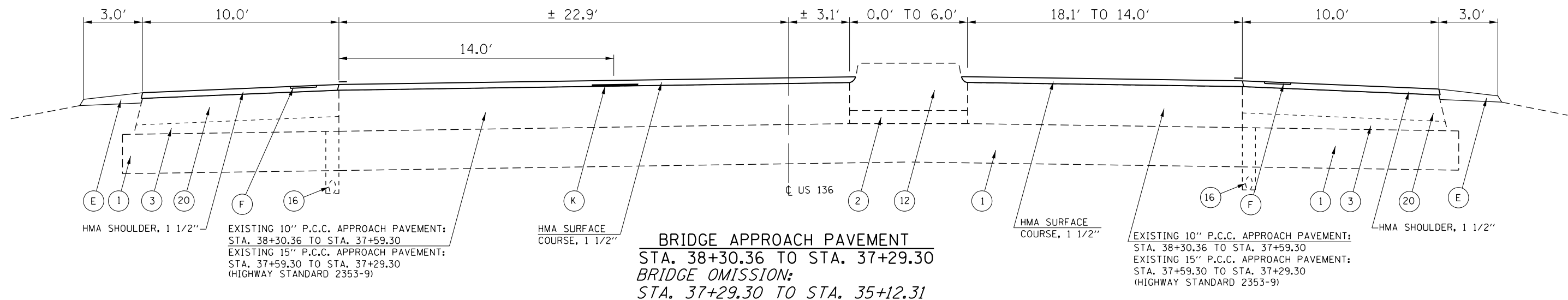
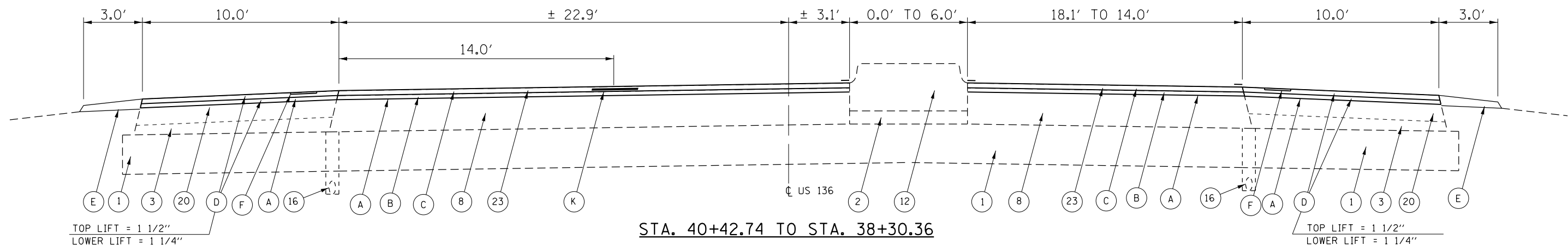
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PLOT DATE = 1/31/2020	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS
SCALE: SHEET 3 OF 10 SHEETS STA. TO STA.

F.A.P. RTE. 315	SECTION *	COUNTY LOGAN	TOTAL SHEETS 94	SHEET NO. 11
CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				

(116)RS-6(117)RS-9(54-10)BDR-1



LEGEND		
(1) EXIST. LIME MODIFIED SOIL, 12"	(12) EXIST. CONCRETE MEDIAN, TYPE SM 6.12 (HWY. STD. 2122)	(22) EXIST. AGGREGATE SHOULDER, TYPE B
(2) EXIST. SUBBASE GRANULAR MATERIAL, TYPE A, 4"	(13) EXIST. CONCRETE MEDIAN SURFACE, 4"	(23) EXIST. HMA SURFACE COURSE, 1 1/2" DEPTH
(3) EXIST. SUBBASE GRANULAR MATERIAL, TYPE C, VARIABLE DEPTH	(14) EXIST. COMBINATION CONCRETE CURB & GUTTER, TYPE M 6.12	(24) EXIST. HMA SURFACE COURSE, 1 3/4" DEPTH
(4) EXIST. EARTHEN MATERIAL	(16) EXIST. PIPE UNDERDRAIN, 4"Ø (HWY. STD. 2327)	
(8) EXIST. HMA BINDER COURSE, 11"	(20) EXIST. HMA SHOULDER, 8"	

PROPOSED LEGEND	
(A) HMA SURFACE REMOVAL, 2 3/4"	(E) AGGREGATE SHOULDER, TYPE B (AVERAGE DEPTH = 2")
(B) HMA BINDER COURSE, 1.25"	(F) RUMBLE STRIP 8"
(C) HMA SURFACE COURSE, 1.5"	(K) LONGITUDINAL JOINT SEALANT
(D) HMA SHOULDERS	

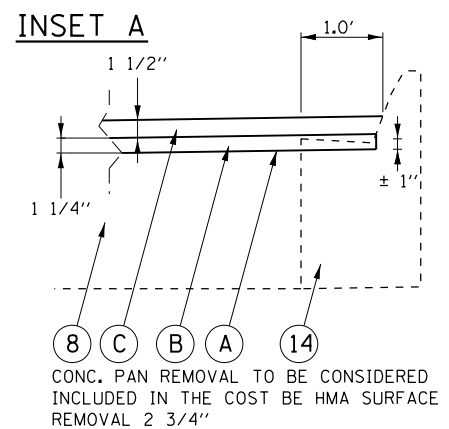
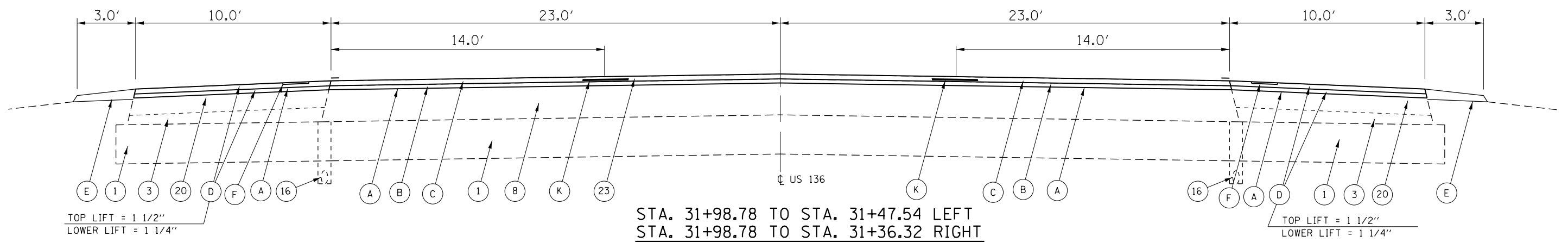
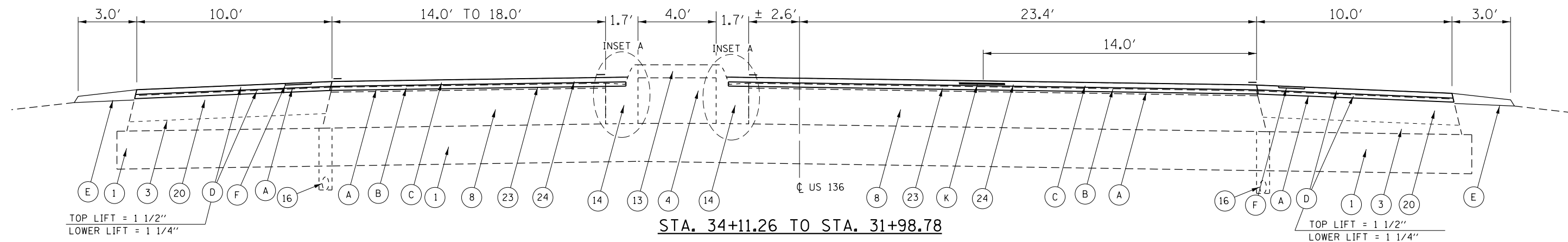
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USER NAME = TANJO	DESIGNED -	REVISED -
PLOT SCALE = 40.0000 "/>		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS
 SCALE: SHEET 4 OF 10 SHEETS STA. TO STA.

F.A.P. RTE. 315	SECTION *	COUNTY LOGAN	TOTAL SHEETS 94	SHEET NO. 12
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72E00	



LEGEND

(1) EXIST. LIME MODIFIED SOIL, 12"	(16) EXIST. PIPE UNDERDRAIN, 4"Ø (HWY. STD. 2327)
(3) EXIST. SUBBASE GRANULAR MATERIAL, TYPE C, VARIABLE DEPTH	(20) EXIST. HMA SHOULDER, 8"
(5) EXIST. SODDED EARTH MEDIAN	(22) EXIST. AGGREGATE SHOULDER, TYPE B
(8) EXIST. HMA BINDER COURSE, 8"	(23) EXIST. HMA SURFACE COURSE, 1 1/2" DEPTH
(14) EXIST. COMBINATION CONCRETE CURB & GUTTER, TYPE M 6.12	(24) EXIST. HMA SURFACE COURSE, 1 3/4" DEPTH

PROPOSED LEGEND

(A) HMA SURFACE REMOVAL, 2 3/4"
(B) HMA BINDER COURSE, 1.25"
(C) HMA SURFACE COURSE, 1.5"
(D) HMA SHOULDERS
(E) AGGREGATE SHOULDER, TYPE B (AVERAGE DEPTH = 2")
(F) RUMBLE STRIP 8"
(K) LONGITUDINAL JOINT SEALANT

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	DATE -	REVISIED -

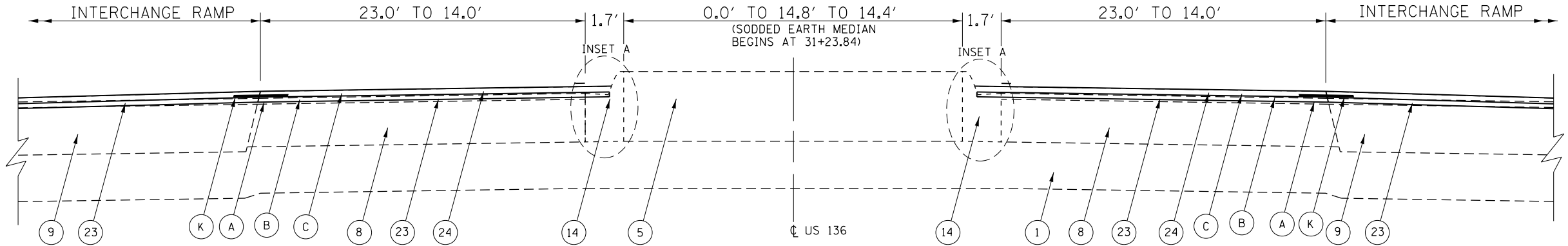
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTIONS

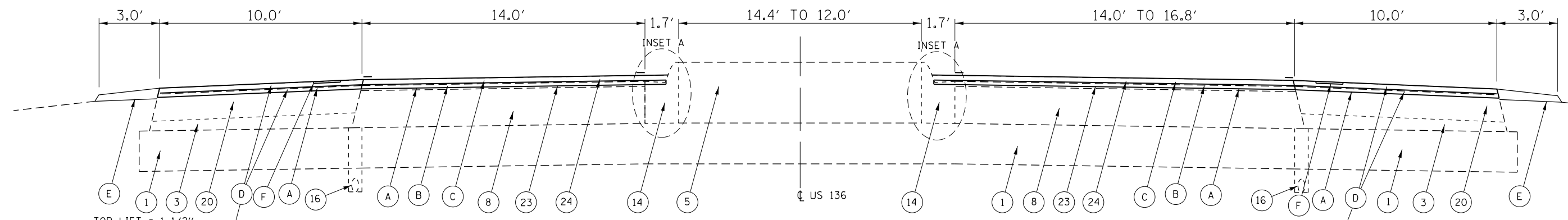
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F.A.P. RTE. 315	SECTION *	COUNTY LOGAN	TOTAL SHEETS 94	SHEET NO. 13
CONTRACT NO. 72E00			ILLINOIS FED. AID PROJECT	

(116)RS-6(117)RS-9(54-10)BDR-1



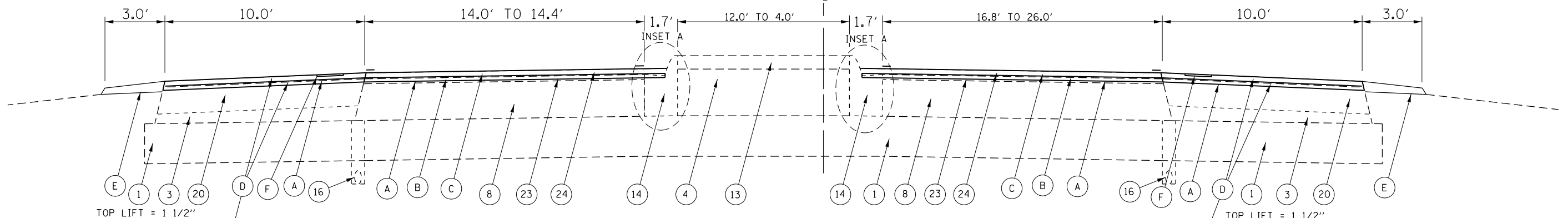
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 STA. 31+36.32 TO STA. 29+92.44 RIGHT



STA. 29+85.84 TO STA. 29+25.61 LEFT
 STA. 29+92.44 TO STA. 29+25.61 RIGHT

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 LOWER LIFT = 1 1/4"

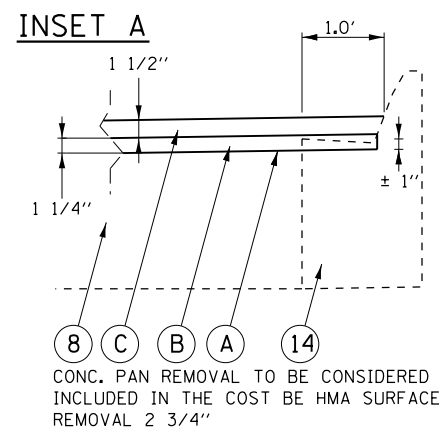
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 LOWER LIFT = 1 1/4"



STA. 29+25.61 TO STA. 24+60.08

TOP LIFT = 1 1/2"
 LOWER LIFT = 1 1/4"

TOP LIFT = 1 1/2"
 LOWER LIFT = 1 1/4"



CONC. PAN REMOVAL TO BE CONSIDERED INCLUDED IN THE COST BE HMA SURFACE REMOVAL 2 3/4"

① EXIST. LIME MODIFIED SOIL, 12"	⑬ EXIST. CONCRETE MEDIAN SURFACE, 4"
③ EXIST. SUBBASE GRANULAR MATERIAL, TYPE C, VARIABLE DEPTH	⑭ EXIST. COMBINATION CONCRETE CURB & GUTTER, TYPE M 6.12
④ EXIST. EARTHEN MATERIAL	
⑧ EXIST. HMA BINDER COURSE, 11"	
⑫ EXIST. PIPE UNDERDRAIN, 4"Ø (HGWY. STD. 2327)	
⑯ EXIST. HMA SURFACE COURSE, 1 3/4" DEPTH	
	⑰ EXIST. HMA SURFACE COURSE, 1 1/2" DEPTH
	⑲ EXIST. HMA SHOULDER, 8"
	⑳ EXIST. AGGREGATE SHOULDER, TYPE B
	㉑ EXIST. HMA SURFACE COURSE, 1 1/2" DEPTH

Ⓐ HMA SURFACE REMOVAL, 2 3/4"
Ⓑ HMA BINDER COURSE, 1.25"
Ⓒ HMA SURFACE COURSE, 1.5"
Ⓓ HMA SHOULDERS
Ⓔ AGGREGATE SHOULDER, TYPE B (AVERAGE DEPTH = 2")
Ⓕ RUMBLE STRIP 8"
Ⓖ LONGITUDINAL JOINT SEALANT

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	DATE -	REVISED -

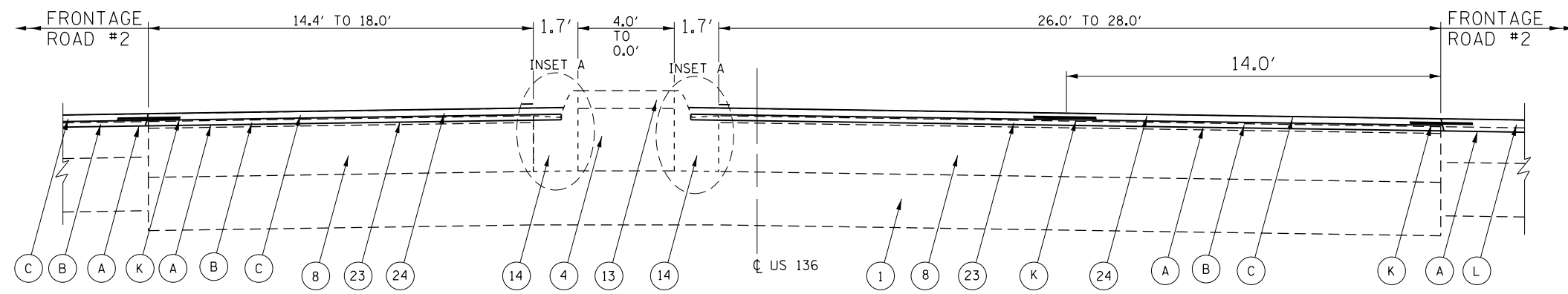
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

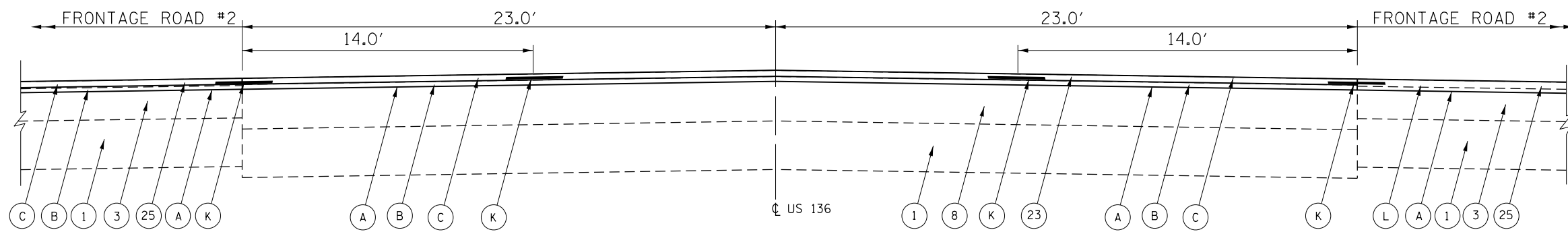
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				

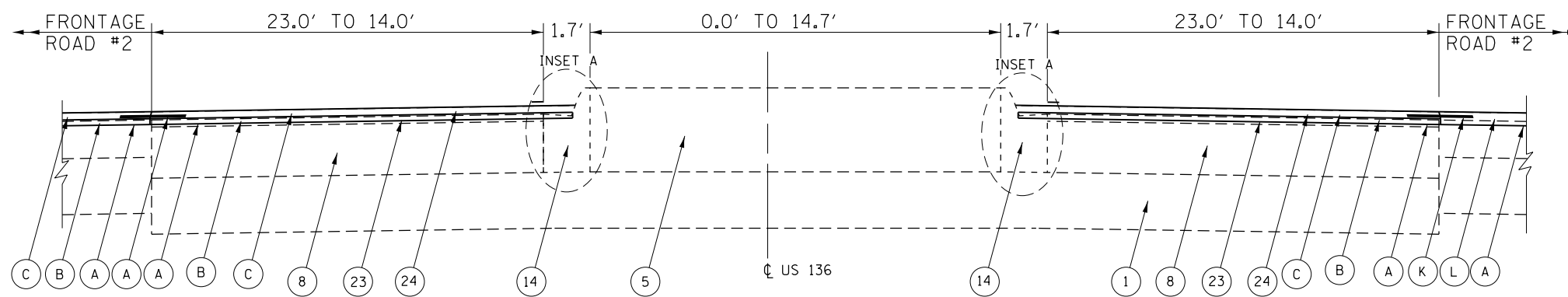
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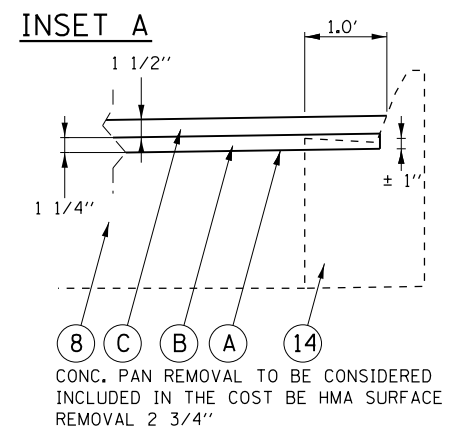
STA. 24+60.08 TO STA. 24+18.61



STA. 24+18.61 TO STA. 23+01.30



STA. 23+01.30 TO STA. 22+31.14



LEGEND	
1	EXIST. LIME MODIFIED SOIL, 12"
3	EXIST. SUBBASE GRANULAR MATERIAL, TYPE C, VARIABLE DEPTH
4	EXIST. EARTHEN MATERIAL
5	EXIST. SODDED EARTH MEDIAN
8	EXIST. HMA BINDER COURSE, 11"
13	EXIST. CONCRETE MEDIAN SURFACE, 4"
14	EXIST. COMBINATION CONCRETE CURB & GUTTER, TYPE M 6.12
16	EXIST. PIPE UNDERDRAIN, 4"Ø (HWY. STD. 2327)
20	EXIST. HMA SHOULDER, 8"
22	EXIST. AGGREGATE SHOULDER, TYPE B
23	EXIST. HMA SURFACE COURSE, 1 1/2" DEPTH
24	EXIST. HMA SURFACE COURSE, 1 3/4" DEPTH

PROPOSED LEGEND	
A	HMA SURFACE REMOVAL, 2 3/4"
B	HMA BINDER COURSE, 1.25"
C	HMA SURFACE COURSE, 1.5"
D	HMA SHOULDERS
E	AGGREGATE SHOULDER, TYPE B (AVERAGE DEPTH = 2")
F	RUMBLE STRIP 8"
K	LONGITUDINAL JOINT SEALANT
L	INCIDENTAL HMA SURFACING

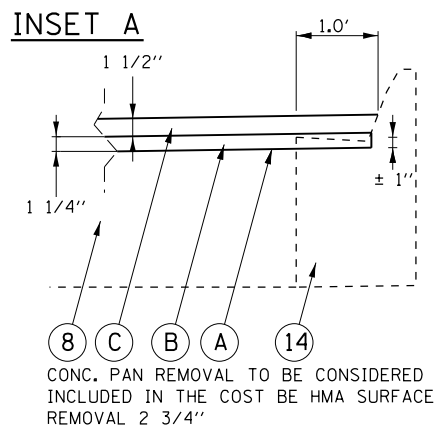
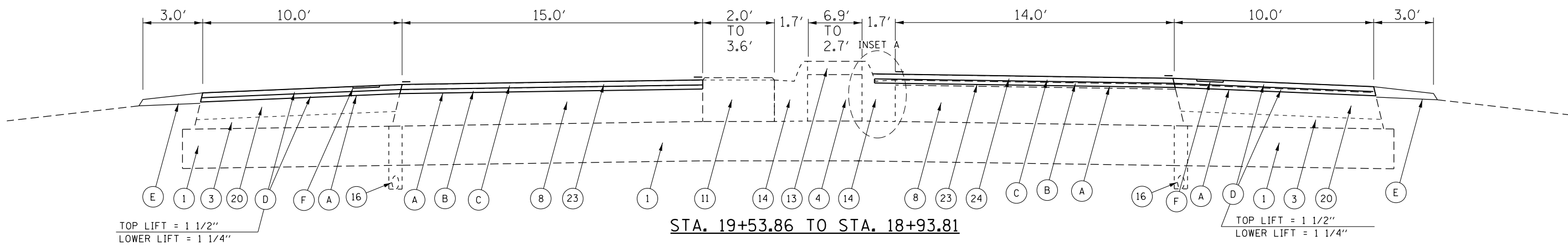
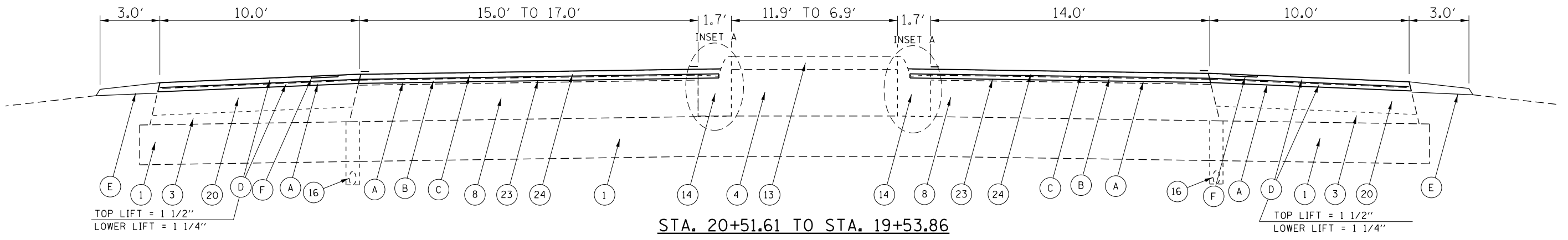
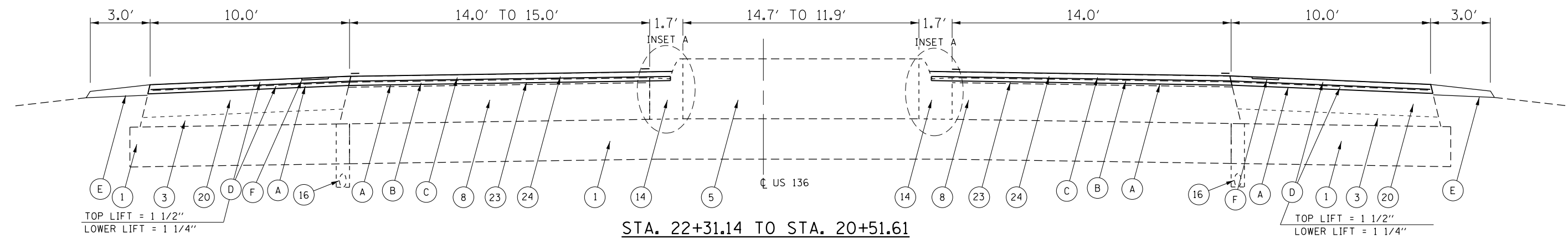
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	DRAWN -	REVISED -
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PLOT DATE = 1/31/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS
SCALE: SHEET 7 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	15
CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				



LEGEND

(1) EXIST. LIME MODIFIED SOIL, 12"	(13) EXIST. CONCRETE MEDIAN SURFACE, 4"
(2) EXIST. SUBBASE GRANULAR MATERIAL, TYPE A, 4"	(14) EXIST. COMBINATION CONCRETE CURB & GUTTER, TYPE M 6.12
(3) EXIST. SUBBASE GRANULAR MATERIAL, TYPE C, VARIABLE DEPTH	(16) EXIST. PIPE UNDERDRAIN, 4"Ø (HWY. STD. 2327)
(4) EXIST. EARTHEN MATERIAL	(20) EXIST. HMA SHOULDER, 8"
(8) EXIST. HMA BINDER COURSE, 11"	(22) EXIST. AGGREGATE SHOULDER, TYPE B
(11) EXIST. CORRUGATED CONCRETE MEDIAN	(23) EXIST. HMA SURFACE COURSE, 1 1/2" DEPTH
(12) EXIST. CONCRETE MEDIAN, TYPE SM 6.12 (HWY. STD. 2122)	(24) EXIST. HMA SURFACE COURSE, 1 3/4" DEPTH

PROPOSED LEGEND

(A) HMA SURFACE REMOVAL, 2 3/4"
(B) HMA BINDER COURSE, 1.25"
(C) HMA SURFACE COURSE, 1.5"
(D) HMA SHOULDERS
(E) AGGREGATE SHOULDER, TYPE B (AVERAGE DEPTH = 2")
(F) RUMBLE STRIP 8"

USER NAME = TANJO	DESIGNED -	REVISED -
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	DATE -	REVISED -

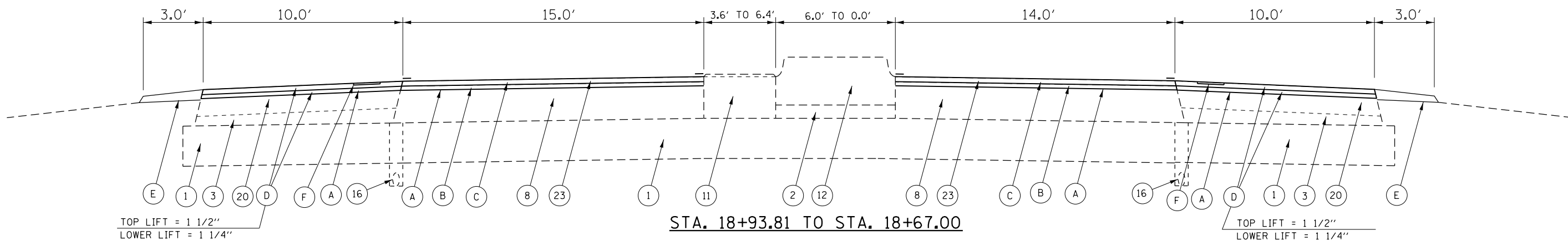
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTIONS

SCALE: SHEET 8 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				

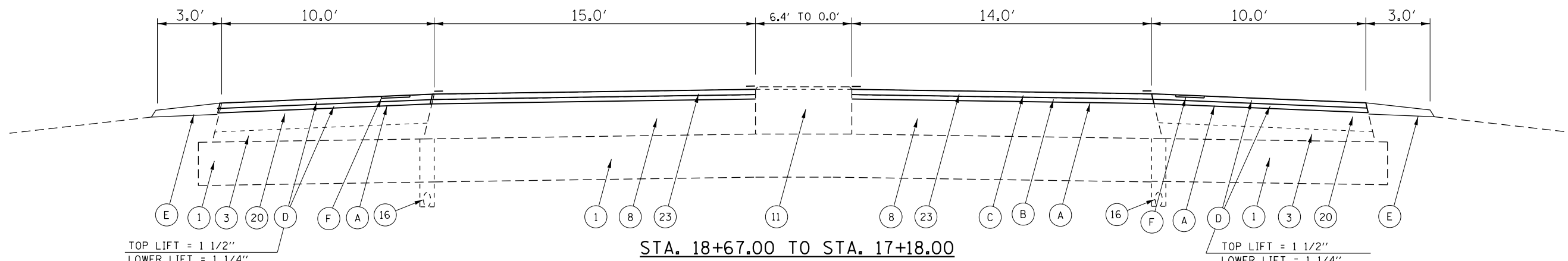
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STA. 18+93.81 TO STA. 18+67.00

TOP LIFT = 1 1/2"
LOWER LIFT = 1 1/4"

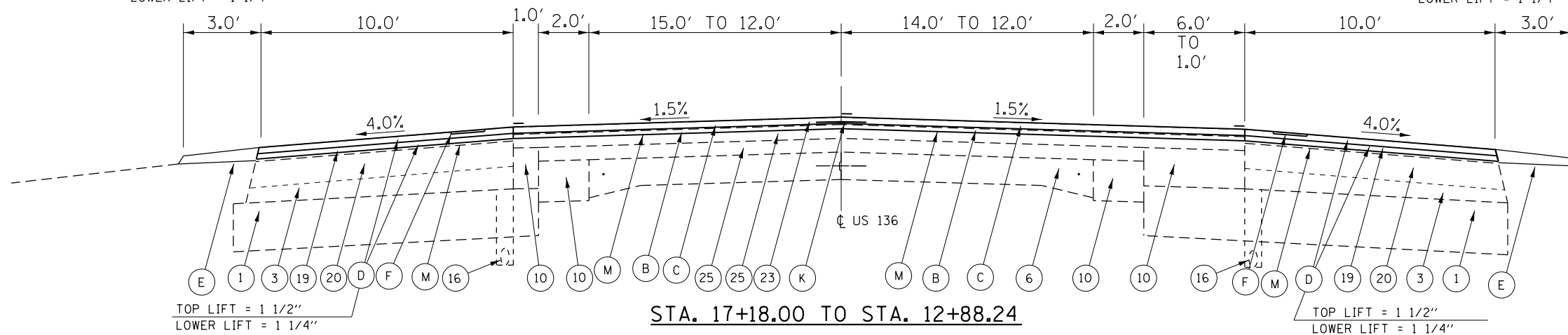
TOP LIFT = 1 1/2"
LOWER LIFT = 1 1/4"



STA. 18+67.00 TO STA. 17+18.00

TOP LIFT = 1 1/2"
LOWER LIFT = 1 1/4"

TOP LIFT = 1 1/2"
LOWER LIFT = 1 1/4"



STA. 17+18.00 TO STA. 12+88.24

TOP LIFT = 1 1/2"
LOWER LIFT = 1 1/4"

TOP LIFT = 1 1/2"
LOWER LIFT = 1 1/4"

NOTES:
MILLING TRANSITION
FROM 2 3/4" TO 1 1/2"
STA 17+43.00 TO STA. 17+18.00

MODEL: Default
FILE: Model: Project\p100000\dot\Documents\DOT - Offices\Drawtct @Projects\0672E00\CADDData\CAD\Sheet\72E00-shc-typical.x sections.dgn

LEGEND

- ① EXIST. LIME MODIFIED SOIL, 12"
- ③ EXIST. SUBBASE GRANULAR MATERIAL, TYPE C, VARIABLE DEPTH
- ⑥ EXIST. P.C.C. PAVEMENT (9'-6 1/2"-9') W/ 3/4"Ø SMOOTH BAR & LONGITUDINAL JOINT
- ⑩ EXIST. HMA BASE COURSE WIDENING, 9"
- ⑮ EXIST. CONCRETE GUTTER, TYPE B
- ⑰ EXIST. PIPE UNDERDRAIN, 4"Ø (HWY. STD. 2327)
- ⑲ EXIST. HMA SHOULDER, 3"
- ⑳ EXIST. HMA SHOULDER, 8"
- ㉑ EXIST. AGGREGATE SHOULDER, TYPE A, 8"
- ㉒ EXIST. AGGREGATE SHOULDER, TYPE B
- ㉓ EXIST. HMA SURFACE COURSE, 1 1/2" DEPTH
- ㉔ EXIST. HMA SURFACING

PROPOSED LEGEND

- Ⓐ HMA SURFACE REMOVAL, 2 3/4"
- Ⓑ HMA BINDER COURSE, 1.25"
- Ⓒ HMA SURFACE COURSE, 1.5"
- Ⓓ HMA SHOULDERS
- Ⓔ AGGREGATE SHOULDER, TYPE B (AVERAGE DEPTH = 2")
- Ⓕ RUMBLE STRIP 8"
- Ⓖ LONGITUDINAL JOINT SEALANT
- Ⓜ HMA SURFACE REMOVAL, VAR. DEPTH (1 1/2" @ CENTERLINE)

USER NAME = TANJO	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/31/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTIONS

SCALE: SHEET 9 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	17
CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				

(116)RS-6(117)RS-9(54-10)BDR-1

HOT-MIX ASPHALT RESURFACING, US 136 MAINLINE PAVEMENT												
LOCATION			SURFACE DISTANCE	EXISTING SURFACE AREA	HMA SURFACE REM. VAR. @CENTERLINE DEPTH (1 1/2")	HMA SURFACE REM. DEPTH (2 3/4")	HMA BINDER COURSE IL-9.5FG, N50 DEPTH = 1.25"	HMA SURFACE COURSE IL-9.5, N50, MIX "C" DEPTH 1.50"	HMA SURFACE COURSE IL-9.5, N50, MIX "C" DEPTH 1.5"	BITUMINOUS MATERIALS (TACK COAT)	TEMPORARY RAMPS	
STATION	TO	STATION	(FOOT)	(SQUARE FOOT)	(SQUARE YARD)	(SQUARE YARD)	(TON)	(TON)	(TON)	(LBS)	(SQUARE YARD)	
US 136:												
54+00.00	TO	52+42.92	157.08	3769.92			418.88	29.32		35.19	282.74	11.20
52+42.92	TO	47+62.47	480.45	12470.60			1385.62	96.99		116.39	935.30	
47+62.47	TO	38+85.36	877.11	29749.09			3305.45	231.38		277.66	2231.18	
38+85.36	TO	38+30.36	55.00	2198.43			244.27	17.10		20.52	164.88	241.11
38+30.36	TO	37+29.30	101.06	4234.31					39.52		211.72	
STRUCTURE OMISSION (S.N. 054-0079): STA. 37+29.30 TO STA. 35+12.31												
35+12.31	TO	34+11.26	101.05	4233.17					39.51		211.66	
34+11.26	TO	33+56.26	55.00	2301.54			255.73	17.90		21.48	172.62	241.11
33+56.26	TO	17+18.00	1638.26	59416.71			6601.86	462.13		554.56	4456.25	
17+18.00	TO	16+93.00	25.00	763.15	84.79			5.94		7.12	57.24	
16+93.00	TO	12+88.24	404.76	10570.33	1174.48			82.21		98.66	792.77	
12+88.24	TO	10+00.00	288.24	7015.17	779.46			54.56		65.47	526.14	
STATION EQUATION: STA. 10+00.00 (BACK) = STA. 447+09.54 (AHEAD)												
447+09.54	TO	448+00.00	90.46	2178.80	242.09			16.95		20.34	163.41	
448+00.00	TO	478+00.00	3000.00	73291.70	8143.52			570.05		684.06	5496.88	
478+00.00	TO	508+00.00	3000.00	72359.34	8039.93			562.79		675.35	5426.95	
508+00.00	TO	538+00.00	3000.00	72574.21	8063.80			564.47		677.36	5443.07	
538+00.00	TO	568+00.00	3000.00	71548.08	7949.79			556.49		667.78	5366.11	
568+00.00	TO	598+00.00	3000.00	71749.34	7972.15			558.05		669.66	5381.20	
598+00.00	TO	628+00.00	3000.00	71184.64	7909.40			553.66		664.39	5338.85	
628+00.00	TO	657+25.00	2925.00	69428.07	7714.23			540.00		648.00	5207.11	
657+25.00	TO	657+50.00	25.00	600.00				4.67		5.60	45.00	17.77
OVERALL TOTALS:			25223.47	641636.60	58073.65	12211.81	4924.65	79.03	5909.58	47911.06	511.19	

PAVEMENT REMOVAL, US 136 MAINLINE PAVEMENT											
LOCATION			SURFACE DISTANCE	EXISTING SURFACE AREA	HMA SURFACE REMOVAL, 1 1/2"	PAVEMENT REMOVAL	AGGREGATE BASE COURSE TYPE B, 8"	HMA BASE COURSE, 12"	HMA SURFACE COURSE IL-9.5, N50, MIX "C" DEPTH 1.5"	TEMPORARY RAMPS	EARTH EXCAVATION
STATION	TO	STATION	(FOOT)	(SQUARE FOOT)	(SQUARE YARD)	(SQUARE YARD)	(SQUARE YARD)	(SQUARE YARD)	(TON)	(SQUARE YARD)	(CU YD)
56+39.92	TO	54+00.00	239.92	5758.08	639.79	639.79	639.79	639.79	53.74	13.33	142.17
OVERALL TOTALS:			239.92	5758.08	639.79	639.79	639.79	639.79	53.74	13.33	SEE EARTHWORK SCHEDULE

HOT-MIX ASPHALT RESURFACING, SIDE ROADS									
NAME, (STATION LOCATION) OF SIDE ROAD	TOTAL SURFACE REMOVAL AREA (BY CADD)	SIDEROAD DISTANCE FROM OUTSIDE OF HMA SHOULDER	HMA SURFACE REMOVAL, VAR. DEPTH	HMA SURFACE REMOVAL, 2 3/4"	INCIDENTAL HMA SURFACING (AVG. DEPTH = 1.875")	HMA BINDER COURSE IL-9.5FG, N50 DEPTH = 1.25"	HMA SURFACE COURSE IL-9.5, N50, MIX "C" DEPTH 1.50"	BITUMINOUS MATERIALS (TACK COAT)	TEMPORARY RAMPS
	(SQUARE FOOT)	(FOOT)	(SQUARE YARD)	(SQUARE YARD)	(TON)	(TON)	(TON)	(LBS)	(SQ YD)
US 136:									
OLD ROUTE 121, (STA. 23+45.37, LEFT)	4,681.2	70.0		520.1	54.6			234.1	28.8
OLD ROUTE 121, (STA. 23+45.37, RIGHT)	4,640.8	70.0		515.6		36.1	43.3	348.1	28.8
COUNTY ROAD 875 E, (STA. 461+22.74, LEFT)	534.8	10.0	59.4		6.2			26.7	28.8
COUNTY ROAD 900 E, (STA. 476+51.77, RIGHT)	590.8	10.0	65.6		6.9			29.5	32.7
COUNTY ROAD 1050 E, (STA. 554+23.55, LEFT)	607.0	10.0	67.4		7.1			30.4	30.9
COUNTY ROAD 1100 E, (STA. 580+89.22, LEFT)	1,006.6	10.0	111.8		11.7			50.3	62.3
COUNTY ROAD 1100 E, (STA. 581+62.00, RIGHT)	956.8	12.0	106.3		11.2			47.8	46.4
COUNTY ROAD 1175 E, (STA. 620+86.08, RIGHT)	494.5	10.0	54.9		5.8			24.7	27.0
TOTALS =	13,512.5		465.6	1,035.8	103.5	36.1	43.3	791.6	285.7

MODEL: Guardrail Location 1
 FILE: MainE_Plan\Highway\GIS\Projects\0672E00\CADD\Drawings\72E00-Sub-schedules.dgn

USER NAME = TANJO	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/18/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	19
CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				

(116)RS-6(117)RS-9(54-10)BDR-1

ENTRANCE IMPROVEMENT SCHEDULE														
ENTRANCE LOCATION	ENTRANCE TYPE	EXISTING HMA MAILBOX TURNOUT PRESENT	EXISTING MAILBOX PRESENT	ENTRANCE DEPTH FOR PROPOSED IMPROVEMENT (FROM OUTSIDE EDGE OF HMA SHLDR.)	ENTRANCE AREA FOR PROPOSED IMPROVEMENT	PCC SURFACE REMOVAL - BUTT JOINT	HMA SURFACE REMOVAL- VAR. DEPTH	AREA FOR PROPOSED MAILBOX TURNOUT	INCIDENTAL HMA SURFACING (AVG. DEPTH = 1.875")	INCIDENTAL HMA SURFACING (AVG. DEPTH = 3.0")	AGG. BASE CSE., TYPE B 6"	EARTH EXCAVATION	BITUMINOUS MATERIALS (TACK COAT)	
						40600985	X4401198		40800050	40800050	35101800		40600290	
				(FOOT)	(SQ FT)	(SQ YD)	(SQ YD)	(SQ FT)	(TON)	(TON)	(SQ YD)	(CU YD)	(POUND)	
STA 17+15.83	LEFT	AGG CE	NO	NO										
STA 15+54.48	LEFT	AGG PE	NO	NO										
STA 463+56.80	RIGHT	EARTH FE	NO	NO										
STA 468+33.10	LEFT	EARTH MBT	NO	YES	4.0			131.5		2.5	14.6	2.4		
STA 468+33.10	RIGHT	HMA PE	NO	NO	14.2	479.2		53.2	5.6				24.0	
STA 475+25.00	RIGHT	EARTH FE	NO	NO										
STA 477+30.00	RIGHT	EARTH FE	NO	NO										
STA 480+42.50	LEFT	HMA FE	NO	NO	4.0	104.1		11.6	1.2				5.2	
STA 489+79.70	RIGHT	EARTH FE	NO	NO										
STA 497+18.50	LEFT	PCC PE	YES	YES	6.0	137.7	15.3	81.8	1.6	1.5	9.1	1.5		
STA 502+20.80	RIGHT	EARTH FE	NO	NO										
STA 502+89.20	RIGHT	EARTH FE	NO	NO										
STA 505+09.70	LEFT	EARTH FE	NO	NO										
STA 522+00.00	RIGHT	HMA CE	NO	NO	6.0	297.5		33.1	3.5				14.9	
STA 522+75.60	LEFT	AGG FE	NO	NO										
STA 539+54.10	LEFT	EARTH FE	NO	NO										
STA 539+57.40	RIGHT	EARTH FE	NO	NO										
STA 547+18.70	LEFT	AGG MBT	NO	YES	4.0			131.5		2.5	14.6	2.4		
STA 547+18.70	RIGHT	AGG PE	NO	NO	11.9	353.0		39.2	4.1				17.7	
STA 549+38.80	LEFT	AGG FE	NO	NO										
STA 555+50.00	RIGHT	EARTH FE	NO	NO										
STA 568+00.00	RIGHT	HMA CE	NO	NO	35.0	934.0		103.8	10.9				46.7	
STA 586+08.00	LEFT	EARTH FE	NO	NO										
STA 586+22.60	RIGHT	EARTH FE	NO	NO										
STA 591+82.80	LEFT	AGG PE	NO	YES	4.0	110.6		69.0		3.4	20.0	3.3		
STA 591+85.10	RIGHT	EARTH FE	NO	NO										
STA 601+28.30	RIGHT	EARTH FE	NO	NO										
STA 602+56.00	RIGHT	HMA CE	NO	NO	33.5	891.8		99.1		10.4			44.6	
STA 607+25.31	LEFT	EARTH FE	NO	NO										
STA 608+00.00	RIGHT	EARTH FE	NO	NO										
STA 613+55.00	LEFT	EARTH FE	NO	NO										
STA 614+33.70	RIGHT	EARTH FE	NO	NO										
STA 616+61.70	LEFT	AGG PE	NO	YES	4.0	198.0		70.0		5.0	29.8	5.0	9.9	
STA 620+84.60	LEFT	EARTH FE	NO	NO										
STA 627+83.40	LEFT	EARTH FE	NO	NO										
STA 634+22.10	LEFT	EARTH FE	NO	NO										
STA 634+25.20	RIGHT	EARTH FE	NO	NO										
STA 646+63.30	LEFT	EARTH FE	NO	NO										
STA 647+27.70	RIGHT	EARTH FE	NO	NO										
STA 652+14.80	LEFT	EARTH FE	NO	NO										
STA 655+02.50	RIGHT	EARTH FE	NO	NO										
												SEE EARTHWORK		
TOTALS =						2922.6	15.3	340.0	483.8	37.3	14.8	88.0	SCHEDULE	133.7

MODEL: Guardrail Location 1
 FILE: \\s:\a\p\illinois\dot\Documents\DOT_Offices\Illinet\6\Projects\0672E00\CADDData\CAD\Sheet\72E00-Phc-schedule.dgn

USER NAME = TANJO	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/31/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	20
			CONTRACT NO. 72E00	
		ILLINOIS	FED. AID PROJECT	

AGGREGATE SHOULDERS, US 136 MAINLINE

LOCATION		STATION DISTANCE	PROPOSED AGGREGATE SHOULDER WIDTH	PROPOSED AGGREGATE SHOULDER AREA	AGGREGATE SHOULDER, TYPE B (AVERAGE DEPTH = 2")	AGGREGATE SHOULDER, TYPE B 6"	
STATION	TO	STATION	(FOOT)	(FOOT)	(SQUARE FOOT)	(TON)	
US 136 LEFT SIDE:							
56+39.92	TO	42+08.73	1431.19	3.00	4,293.6	42.41	
41+05.17	TO	37+29.30	375.87	3.00	1,127.6	11.14	
STRUCTURE OMISSION (S.N. 054-0079): STA. 37+29.30 TO STA. 35+12.31							
35+12.31	TO	33+18.06	194.25	4.00	777.0	23.02	
33+18.06	TO	31+40.99	177.07	3.00	531.2	5.25	
30+24.84	TO	23+99.42	625.42	3.00	1,876.3	18.53	
22+91.99	TO	12+88.24	1003.75	3.00	3,011.3	29.74	
12+88.24	TO	12+60.00	28.24	VAR.	157.8	1.56	
12+60.00	TO	10+00.00	260.00	3.00	780.0	7.70	
STATION EQUATION: 10+00.00 (BACK) = 447+09.54 (AHEAD)							
447+09.54	TO	448+00.00	90.46	3.00	271.4	2.68	
448+00.00	TO	460+94.92	1294.92	3.00	3,884.8	38.37	
461+55.68	TO	478+00.00	1644.32	3.00	4,933.0	48.72	
478+00.00	TO	481+70.96	370.96	3.00	1,112.9	10.99	
481+70.96	TO	482+36.96	66.00	4.00	264.0	7.82	
482+36.96	TO	484+24.46	187.50	3.00	562.5	16.67	
484+24.46	TO	484+90.46	66.00	4.00	264.0	7.82	
484+90.46	TO	491+17.24	626.78	3.00	1,880.3	18.57	
491+17.24	TO	491+87.24	70.00	4.00	280.0	8.30	
491+87.24	TO	493+74.74	187.50	3.00	562.5	16.67	
493+74.74	TO	494+40.74	66.00	4.00	264.0	7.82	
494+40.74	TO	508+00.00	1359.26	3.00	4,077.8	40.27	
508+00.00	TO	538+00.00	3000.00	3.00	9,000.0	88.89	
538+00.00	TO	553+92.73	1592.73	3.00	4,778.2	47.19	
554+62.20	TO	568+00.00	1337.80	3.00	4,013.4	39.64	
568+00.00	TO	580+39.82	1239.82	3.00	3,719.5	36.74	
581+47.05	TO	598+00.00	1652.95	3.00	4,958.8	48.98	
598+00.00	TO	628+00.00	3000.00	3.00	8,804.8	86.96	
628+00.00	TO	657+25.00	2925.00	3.00	8,775.0	86.67	
657+25.00	TO	657+50.00	25.00	3.00	75.0	0.74	
SUBTOTALS:			<i>24898.79</i>		<i>75036.50</i>	<i>711.73</i>	<i>88.12</i>
US 136 RIGHT SIDE:							
56+39.92	TO	42+17.01	1422.91	3.00	4,268.7	42.16	
41+00.73	TO	39+23.56	177.17	3.00	531.5	5.25	
39+23.56	TO	37+29.30	194.26	4.00	777.0	23.02	
STRUCTURE OMISSION (S.N. 054-0079): STA. 37+29.30 TO STA. 35+12.31							
35+12.31	TO	31+32.86	379.45	3.00	1,138.4	11.24	
30+31.47	TO	23+99.45	632.02	3.00	1,896.1	18.73	
22+92.01	TO	12+88.24	1003.77	3.00	3,011.3	29.74	
12+88.24	TO	12+60.00	28.24	VAR.	169.8	1.68	
12+60.00	TO	10+00.00	288.24	3.00	864.7	8.54	
STATION EQUATION: 10+00.00 (BACK) = 447+09.54 (AHEAD)							
447+09.54	TO	448+00.00	90.46	3.00	271.4	2.68	
448+00.00	TO	476+16.00	2816.00	3.00	8,448.0	83.44	
476+84.38	TO	478+00.00	115.62	3.00	346.9	3.43	
478+00.00	TO	508+00.00	3000.00	3.00	9,000.0	88.89	
508+00.00	TO	538+00.00	3000.00	3.00	8,842.3	87.33	
538+00.00	TO	568+00.00	3000.00	3.00	8,808.2	86.99	
568+00.00	TO	581+01.01	1301.01	3.00	3,903.0	38.55	
581+85.33	TO	598+00.00	1614.67	3.00	4,844.0	47.84	
598+00.00	TO	628+00.00	3000.00	3.00	8,823.3	87.14	
628+00.00	TO	657+25.00	2925.00	3.00	8,775.0	86.67	
657+25.00	TO	657+50.00	25.00	3.00	75.0	0.74	
SUBTOTALS:			<i>25013.82</i>		<i>74794.57</i>	<i>731.04</i>	<i>23.02</i>
OVERALL TOTALS:			49912.61		149831.07	1442.77	111.14

LONGITUDINAL JOINT SEALANT

LOCATIONS		REMARKS	LONGITUDINAL JOINT SEALANT Z0033700 (FOOT)
US 136:			
56+39.92	TO	50+22.00	617.92
50+22.00	TO	47+62.47	259.53
50+22.00	TO	47+00.00	322.00
42+48.63	TO	41+01.43	147.20
42+51.05	TO	40+94.14	156.91
41+72.81	TO	37+29.91	442.90
41+18.78	TO	39+90.79	127.99
35+11.66	TO	30+69.23	442.43
32+50.78	TO	31+20.84	129.94
31+47.93	TO	29+85.83	162.10
31+36.53	TO	29+92.45	144.08
29+95.62	TO	22+76.02	719.60
24+70.61	TO	22+70.94	199.67
24+60.07	TO	22+31.12	228.95
24+60.09	TO	22+31.16	228.93
17+18.00	TO	15+00.00	218.00
17+18.00	TO	15+00.00	218.00
15+00.00	TO	10+00.00	500.00
STA. EQ: 10+00 (BK) = 447+09.54 (AH)			
447+09.54	TO	657+50.00	21040.46
OLD ROUTE 121:			
49+06.08	TO	49+76.07	69.99
50+21.98	TO	50+92.00	70.02
OVERALL TOTALS:			25828.70

SHOULDER RUMBLE STRIPS

LOCATION		LENGTH	64200108
STATION	TO	(FOOT)	(FOOT)
US 136:			
56+39.92	TO	51+00.00	1080.00
51+00.00	TO	45+00.00	1201.00
45+00.00	TO	39+00.00	896.00
39+00.00	TO	33+00.00	766.00
33+00.00	TO	27+00.00	894.00
27+00.00	TO	21+00.00	742.00
21+00.00	TO	15+00.00	1094.00
15+00.00	TO	10+00.00	989.00
447+09.54	TO	448+00.00	181.00
448+00.00	TO	463+00.00	2935.00
463+00.00	TO	478+00.00	2716.00
478+00.00	TO	493+00.00	2941.00
493+00.00	TO	508+00.00	2810.00
508+00.00	TO	523+00.00	2922.00
523+00.00	TO	538+00.00	3000.00
538+00.00	TO	553+00.00	2820.00
553+00.00	TO	568+00.00	2864.00
568+00.00	TO	583+00.00	2776.00
583+00.00	TO	598+00.00	2867.00
598+00.00	TO	613+00.00	2879.00
613+00.00	TO	628+00.00	2800.00
628+00.00	TO	643+00.00	2944.00
643+00.00	TO	657+50.00	2781.00
OVERALL TOTALS:		11382.90	47898.00

MODEL: Guardrail Location 1
 FILE: \\mtn0106\data\mtn06\p\PROJECTS\DOT\Documents\DOT Offices\Drawings\Projects\21E00-Phs-schoules.dgn

USER NAME = TANJO	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 1/31/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

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

F.A.P. RTE. 315	SECTION *	COUNTY LOGAN	TOTAL SHEETS 94	SHEET NO. 22
CONTRACT NO. 72E00				

(116)RS-6(117)RS-9(54-10)BDR-1

PAVEMENT MARKING

LOCATION			SURFACE DISTANCE (FOOT)	PAINT PAVEMENT MARKING - LINE 5" (WHITE)	PAINT PAVEMENT MARKING - LINE 5" (YELLOW)	PAINT PAVEMENT MARKING - LINE 6" (WHITE)	PAINT PAVEMENT MARKING - LINE 24"	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - L & S (15.6 SQ FT ARROW)	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY CRYSTAL)	RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY AMBER)	RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)
STATION	TO	STATION		78001120	78001120	78001130	78001180	78004200	78300200	78100100	78100100	78100100
56+39.92	TO	51+00.00	539.92	1080.00	340.00				7			7
51+00.00	TO	45+00.00	600.00	1201.00	1049.00				30		23	7
45+00.00	TO	39+00.00	600.00	896.00	1055.00	142.00		15.60	6	6		
39+00.00	TO	33+00.00	600.00	1200.00	1201.00	438.00		62.40	9	9		
33+00.00	TO	27+00.00	600.00	894.00	1050.00	76.00			3	3		
27+00.00	TO	21+00.00	600.00	742.00	1204.00	279.00	122.00	46.80	39	9	26	4
21+00.00	TO	15+00.00	600.00	1201.00	1176.00				24		22	2
15+00.00	TO	10+00.00	500.00	1000.00	620.00				11			11
447+09.54	TO	448+00.00	90.46	181.00	31.00				1			1
448+00.00	TO	463+00.00	1500.00	2935.00	380.00				19			19
463+00.00	TO	478+00.00	1500.00	2930.00	380.00				19			19
479+00.00	TO	493+00.00	1400.00	2800.00	380.00				19			19
493+00.00	TO	508+00.00	1500.00	3000.00	380.00				19			19
508+00.00	TO	523+00.00	1500.00	3000.00	380.00				19			19
523+00.00	TO	538+00.00	1500.00	3000.00	380.00				19			19
538+00.00	TO	553+00.00	1500.00	3000.00	380.00				19			19
553+00.00	TO	568+00.00	1500.00	2923.00	380.00				19			19
568+00.00	TO	583+00.00	1500.00	2797.00	380.00				19			19
583+00.00	TO	598+00.00	1500.00	3000.00	380.00				19			19
598+00.00	TO	613+00.00	1500.00	3000.00	380.00				19			19
613+00.00	TO	628+00.00	1500.00	2939.00	380.00				19			19
628+00.00	TO	643+00.00	1500.00	3000.00	380.00				19			19
643+00.00	TO	657+50.00	1450.00	2900.00	380.00				19			19
OVERALL TOTALS:			11382.90	49619	13046	935	122	125	396	27	71	298

SHORT TERM PAVEMENT MARKING

LOCATION			DISTANCE BETWEEN STATIONS (FOOT)	SHORT TERM PAVEMENT MARKING (4' DASH / 36' GAP) (WHITE)	SHORT TERM PAVEMENT MARKING (4' DASH / 36' GAP) (YELLOW)	SHORT TERM PAVEMENT MARKING (4' SHOULDER STRIPING) LEFT (WHITE)	SHORT TERM PAVEMENT MARKING (4' SHOULDER STRIPING) RIGHT (WHITE)	SHORT TERM PAVEMENT MARKING REMOVAL
STATION	TO	STATION		70300100	70300100	70300100	70300100	70300150
56+39.92	TO	51+00.00	539.92		52.0	24.0	24.0	33.3
51+00.00	TO	49+42.73	157.27		16.0	8.0	8.0	10.7
49+42.73	TO	47+62.47	180.26		40.0	8.0	8.0	18.7
47+62.47	TO	42+50.00	512.47			20.0	20.0	13.3
41+00.00	TO	37+45.00	355.00	20.0		16.0	16.0	17.3
35+00.00	TO	31+35.00	365.00	28.0		16.0	16.0	20.0
29+95.00	TO	24+18.00	577.00	56.0		24.0	24.0	34.7
17+18.00	TO	15+09.00	209.00		40.0	8.0	8.0	18.7
15+09.00	TO	10+00.00	509.00		48.0			16.0
STATION EQUATION: 10+00.00 (BACK) = 447+09.54 (AHEAD)								
447+09.54	TO	657+50.00	21040.46		2104.0	840.0	840.0	1261.3
SUBTOTALS:				104.0	2300.0	964.0	964.0	1444.0
OVERALL TOTALS (4 MARKING APPLICATIONS):				416	9200	3856	3856	1444

MODEL: Guardrail Location 1
FILE: \\blm\omaha\at\links\gov\p\w\DOT\Documents\DOT - Offices\Dir\ctc @Projects\0672E00\CADDData\CAD\Sheet\72E00-Plc-schedule.dgn

USER NAME = TANJO	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/31/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	23
			CONTRACT NO. 72E00	
		ILLINOIS	FED. AID PROJECT	

GUARDRAIL SCHEDULE								
STRUCTURE GUARDRAIL LOCATIONS	STRUCTURE	LEFT / RIGHT SIDE	63000001 STEEL PLATE BEAM GUARDRAIL, TY. A 6 FOOT POSTS (FOOT)	63100167 TRAFFIC BARRIER TERMINAL, TY. 1 (SPECIAL) TANGENT (EACH)	63100085 TRAFFIC BARRIER TERMINAL, TY. 6 (EACH)	78200005 GUARDRAIL REFLECTORS, TY. A (EACH)	72501000 TERMINAL MARKER DIRECT APPLIED (EACH)	63200310 GUARDRAIL REMOVAL (FOOT)
36+20.18	054-0079	RIGHT	75.0	1	1	4	1	230.7
		LEFT	75.0	1	1	4	1	233.2
482+93.22	CULVERT	LEFT	187.5	2		4	2	0.0
492+43.50	CULVERT	LEFT	187.5	2		4	2	0.0
TOTALS:			525.0	6	2	16	6	464

CURB REFLECTORS				
LOCATION		CURB NOSE (ONE-WAY AMBER)		CURB (ONE-WAY AMBER)
		78200020		78200020
STATION	TO	STATION	(EACH)	(EACH)
US 136:				
46+13.81	TO	44+28.58	3	18
41+29.87	TO	41+20.49	3	0
40+41.74	TO	31+99.79	6	62
31+22.20	TO	31+11.17	3	0
29+25.61	TO	24+19.61	3	35
22+99.64	TO	22+89.25	3	14
OVERALL TOTALS:			21	129

BRIDGE - TEMPORARY RAMPS									
LOCATION		LT/RT	LENGTH (FOOT)	WIDTH (FOOT)	AREA (SQ YD)	40600985 P.C.C. SURF. REM. - BUTT-JOINT (SQ YD)	40600900 TEMPORARY RAMPS (SQ YD)	X4401198 HMA SURF. REM., VAR. DEPTH (SQ YD)	48203100 HMA SHOULDER (TONS)
35+13.84	TO	34+98.84	LT	15.00	10	16.67			
37+45.83	TO	37+30.83	LT	15.00	10	16.67			
35+10.73	TO	34+95.73	RT	15.00	10	16.67			
37+77.74	TO	37+62.74	RT	15.00	10	16.67			
35+13.84	TO	34+79.84	LT	35.00	25	97.22		97.22	
37+64.83	TO	37+30.83	LT	35.00	25	97.22		97.22	
35+10.73	TO	34+76.73	RT	35.00	25	97.22		97.22	
37+96.74	TO	37+62.74	RT	35.00	25	97.22		97.22	
34+98.84	TO	34+63.84	LT	50.00	10	55.56		38.89	6.22
37+80.83	TO	37+45.83	LT	50.00	10	55.56		38.89	6.22
34+95.73	TO	34+60.73	RT	50.00	10	55.56		38.89	6.22
37+77.74	TO	37+42.74	RT	50.00	10	55.56		38.89	6.22
TOTAL =						66.67	388.89	155.56	24.89

EARTHWORK SCHEDULE								
STATION	TO	STATION	SIDE	20200100	20200100	EMBANKMENT	BALANCE WASTE (+) SHORTAGE (-)	20400800
				EARTH EXCAVATION (CU YD)	SHRINKAGE FACTOR 25%			FURNISHED EXCAVATION (CU YD)
Guardrail Area								
481+00.00	-	484+98.00	LT	15.0	11.3	40.9	-29.7	
490+02.00	-	494+98.00	LT	15.6	11.7	45.4	-33.7	
Mail Box Turn Out								
		468+33.10	LT	2.4				
		497+18.50	LT	1.5				
		547+18.70	LT	2.4				
		591+82.80	LT	3.3				
		616+61.70	LT	5.0				
SHOULDER IMPROVEMENT								
31+40.43	-	31+24.90		1.93				
PAVEMENT REMOVAL								
56+39.92	-	54+00.00		142.2				
Totals				189.3	23.0	86.3	-63.4	63.4

BRIDGE - TRAFFIC CONTROL										
LOCATION		LT/RT	LENGTH (FOOT)	70106500 TEMP. BRG. TRAFF. SIG. (EA)	70106700 TEMP. RUMBLE STRIPS (EA)	70500665 TEMP. TRAFF. BAR. TERMINAL, TYPE 6 (EA)	X7050167 TEMP. TRAFF. BAR. TERMINAL, TYPE 1, SPECIAL (EA)	78200005 GUARDRAIL REFLECTORS, TY. A (EACH)	72501000 TERMINAL MARKER DIRECT APPLIED (EACH)	X72200053 REM. STORE, RE-ERECT (EA)
VARIOUS	TO	VARIOUS		1.00						
US 136		MAINLINE			6.00					
38+19.01	TO	37+31.51	LT	87.50		1.00	1.00	4.00	1.00	
35+10.06	TO	34+22.56	RT	87.50		1.00	1.00	4.00	1.00	
VARIOUS	TO	VARIOUS								10.00
TOTAL =				1.00	6.00	2.00	2.00	8.00	2.00	10.00

BRIDGE - SHOULDER IMPROVEMENT					
LOCATION		AREA (SQ YD)	35501324 HMA BASE COURSE, 10" (SQ YD)	44004250 PAVED SHLD REM. (SQ YD)	
35+10.73	TO	34+95.73	74.42	67.45	
TOTAL =			74.42	67.45	

SEEDING SCHEDULE								
LOCATION DESCRIPTION		DISTURBED AREA TOTAL (AREA BY CADD)	SEEDING, CLASS 2	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH, METHOD 2	AGRICULTURAL GROUND LIMESTONE
STATION		(SQUARE FOOT)	(ACRE)	(POUND)	(POUND)	(POUND)	(ACRE)	(TON)
US 136								
STA. 481+00 TO STA. 484+98 LT		7462.50	0.1713	15.42	15.42	15.42	0.1713	0.3426
STA. 490+02 TO STA. 494+98 LT		8828.80	0.2027	18.24	18.24	18.24	0.2027	0.4054
OVERALL TOTALS:		16291.30	0.3740	33.66	33.66	33.66	0.3740	0.7480

PAVEMENT MARKING REMOVAL				
LOCATION US 136				X0327979 PAVEMENT MARKING REMOVAL (SQ FT)
STATION	TO	STATION	DESCRIPTION	(SQ FT)
ROADWAY				
53+08.24	-	57+17.80	RT EDGE LINE	170.7
52+05.82	-	53+05.82	CENTER SKIP-DASH	10.4
57+31.23	-	58+31.23	CENTER SKIP-DASH	10.4
53+20.79	-	54+00.00	LT EDGE LINE	33.0
56+39.92	-	57+29.33	LT EDGE LINE	37.3
STRUCTURE				
38+18.00	-	41+12.00	WB LT TURN EDGE LINE	122.5
32+00.00	-	33+89.00	EB LT TURN EDGE LINE	78.8
VARIOUS	-	VARIOUS	LEFT TRN SYMBOLS	96.0
TOTALS:				559

MODEL: Guardrail Location 1
 FILE: \\blm\apps\pww\DOT\Documents\DOT - Offices\Bartlett - Projects\0672E00\CADD\Drawings\72E00-Sub-schedules.dgn

USER NAME = TANJO	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/31/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	24
CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				

(116)RS-6(117)RS-9(54-10)BDR-1

NAD 83/1986 ADJ STATE PLANE COORDINATES
BENCHMARK ELEVATIONS IN FEET
NAVD 88 DATUM

BM BD.6: CHSLD [] WEST END OF RUMBLE MEDIAN
WEST OF BRIDGE OVER I-155, STA. 47+60.4 @ 3.36' RT
(FA 119 BK 24)
ELEV. 595.880

BM 500: CHSLD [] IN SOUTHEAST HANDRAIL OF
SN 054-0079 OVER I-155, STA. 35+08.8 @ 34.4' LT
(FA 119 BK 24)
ELEV. 617.345

BM 502: RR SPIKE IN POWER POLE,
0.4 MILE EAST OF I-155, STA. 15+68.8 @ 71.95' RT
(FA 119 BK 24)
ELEV. 597.182

BM 504: 60d SPIKE NAIL IN POWER POLE,
0.9 MILE EAST OF I-155, STA. 469+05 @ 35.9' LT
(FA 119 BK 24)
ELEV. 625.293

BM 505: CHSLD [] IN CENTER OF SOUTH HEADWALL
OF CULVERT UNDER US136, 1.1 MILE EAST OF I-155,
STA. 482+93 @ 20.4' RT, (FA 119 BK 24)
ELEV. 629.138

BM 506: CHSLD [] IN CENTER OF SOUTH HEADWALL
OF CULVERT UNDER US136, 1.3 MILE EAST OF I-155,
STA. 492+43.7 @ 20.5' RT, (FA 119 BK 24)
ELEV. 626.991

NAD 83/1986 ADJ STATE PLANE COORDINATES

US 136 CENTERLINE CONTROL (EAST OF I-155 INTER.-Chain A002)			
Point	Station	North	East
PI	469+25.84	1327084.5373	2500326.0391
PI	497+85.67	1327179.6322	2503184.2847
PI	528+88.04	1327282.4076	2506284.9478
PI	557+01.66	1327375.8130	2509097.0255
PI	584+61.81	1327467.6008	2511855.6420
POT	608+74.26	1327548.3487	2514266.7461
PC	623+78.64	1327598.7020	2515770.2781
PI	629+80.07	1327618.8327	2516371.3760
PT	635+81.49	1327630.9387	2516972.6891
POT	637+13.76	1327633.6012	2517104.9327
PI	645+26.45	1327649.9594	2517917.4573
PI	663+54.12	1327686.3504	2519744.7634
PI	679+40.07	1327717.6167	2521330.4065
PI	696+37.21	1327751.9900	2523027.2011
PI	710+02.65	1327779.5228	2524392.3624
PI	719+86.60	1327798.6861	2525376.1202
PI	740+97.08	1327841.7766	2527486.1620
POT	767+10.00	1327893.8935	2530098.5646
PI	785+83.63	1327931.2646	2531971.8190
PI	794+49.10	1327950.4016	2532837.0827
POT	813+06.12	1328002.3007	2534693.3773
PI	831+63.13	1328054.1995	2536549.6627
POT	836+49.27	1328063.8595	2537035.7065
PI	862+51.04	1328115.5589	2539636.9611
PI	887+50.26	1328165.9557	2542135.6668
POT	901+94.78	1328194.7508	2543579.9004

NAD 83/1986 ADJ STATE PLANE COORDINATES

US 136 CENTERLINE CONTROL (I-155 INTERCHANGE - Chain A001)			
Point	Station	North	East
POT	10+00.00:447+09.54	1327010.9859	2498110.9587
PI	30+70.46	1326942.2935	2496041.6382
POT	36+20.18	1326924.0313	2495492.2219
PI	41+49.19	1326906.4570	2494963.5010
POT	47+83.25	1326884.8902	2494329.8130

NAD 83/1986 ADJ STATE PLANE COORDINATES

TRAVERSE STATIONS				
Point	Station	Offset	North	East
9414	38+14.94	37.89 rt	1326955.4332	2495296.3084
9600	467+59.01	19.39 rt	1327059.6235	2500159.9414
9601	521+22.47	18.67 lt	1327275.7022	2505519.1860
9602	555+01.97	19.20 rt	1327349.9935	2508898.0750
9603	580+89.48	18.32 rt	1327436.9088	2511484.1307
9605	646+59.31	21.68 lt	1327674.2831	2518049.8583
10000	658+64.04	20.92 lt	1327697.5040	2519254.3640
10001	633+68.24	38.51 lt	1327664.8960	2516758.6170
10002	620+68.68	33.80 lt	1327622.1070	2515459.3670

NAD 83/1986 ADJ STATE PLANE COORDINATES

SECTION CORNERS							PROTECTING OR RESETTING SURVEY MARKERS
Point	Exist.Monument	Station	Offset	North	East	Description	
11	Brass Tablet	35+77.44	2.84 rt	1326928.2909	2495534.8446	SW COR 33-22-3	1
12	Disk is Gone	32+90.75	2.80 rt	1326937.7758	2495821.3762	NW COR 4-21-3	1
21	2" IDOT Alum Disk	447+83.56	2.68 lt	1327016.1254	2498184.8426	S1/4 COR33-22-3	1
22	2" IDOT Alum Disk	450+40.02	2.63 lt	1327024.5866	2498441.1708	N1/4COR 4-21-3	1
44	2" IDOT Alum Disk	554+31.16	11.12rt	1327616.2488	2516803.5226	SW COR 31-22-2	1
651	Spindle	554+31.16	3.42 rt	1327363.4119	2508826.7831	SECTION CORNER	1
685	RR Spike	580+86.20	9.31 rt	1327445.7984	2511480.5492	SE COR 35-22-3	1
747	RR Spike	581+61.97	8.99rt	1327448.6413	2511556.2730	NE COR2-21-3	1
							8

MODEL: Curatorial Location 1
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USER NAME = nosakherenk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/18/2020	DATE -	REVISED -


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

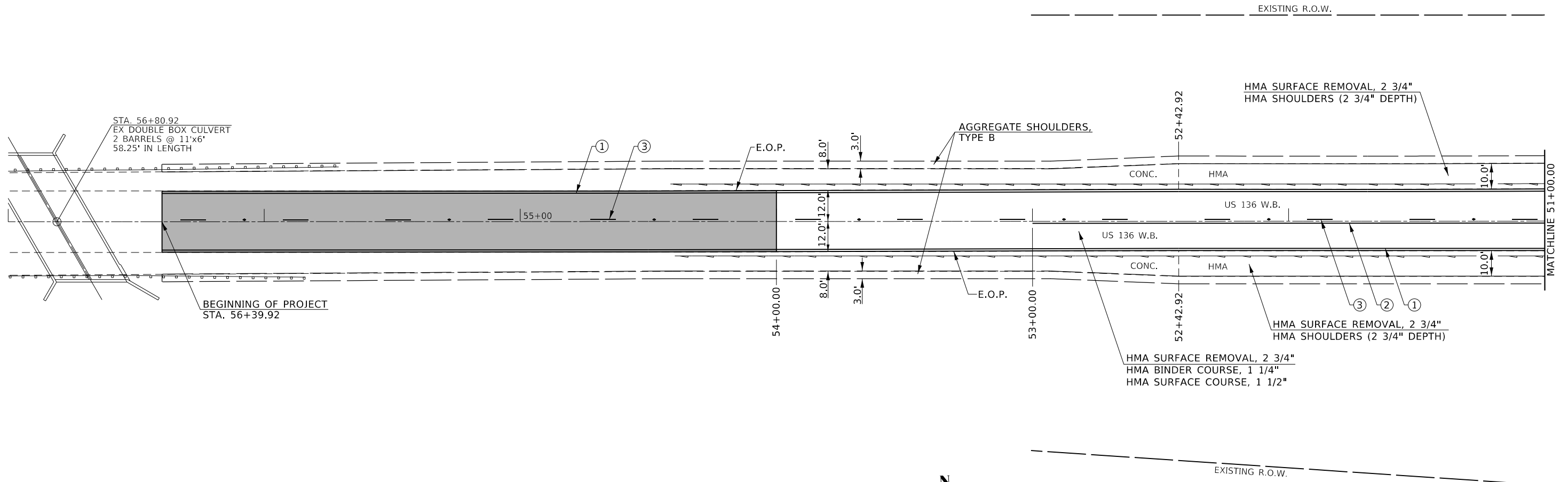
ALIGNMENTS, TIES, BENCHMARKS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	25
CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				

LEGEND

- | | |
|---|---|
| ① PAINT PAVEMENT MARKING - LINE 5" (SOLID, WHITE) | ▷ RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY CRYSTAL) |
| ② PAINT PAVEMENT MARKING - LINE 5" (SOLID, YELLOW) | ▶ RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY AMBER) |
| ③ PAINT PAVEMENT MARKING - LINE 5" (10' DASH, 30' SKIP, YELLOW) | ◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER) |
| ④ PAINT PAVEMENT MARKING - LINE 6" (SOLID, WHITE) | |
| ⑤ PAINT PAVEMENT MARKING - LINE 6" (2' DASH, 6' SKIP, WHITE) | |
| ⑥ PAINT PAVEMENT MARKING - LINE 24" (SOLID, WHITE) | |
-
- | | |
|---|--|
|  | = PROPOSED PAVEMENT REMOVAL |
| | EARTH EXCAVATION |
| | AGGREGATE BASE COURSE, TYPE B, 8" |
| | HMA BASE COURSE, 12" |
| | HMA SURFACE REMOVAL, VARIABLE DEPTH (1 1/2") |
| | HMA SURFACE COURSE, 1 1/2" |



MODEL - SHEET 1
 FILE NAME: p:\pub\room\dat\illinois.gov\p\w\DOT\Documents\DOT - Offices\District 6\Projects\0672E00\CaddData\CAD\sheet172E00-rlc-plan-20.cgm

USER NAME = TANJO	DESIGNED -	REVISED -
	DRAWN - RTS	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/31/2020	DATE - 01-08-2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

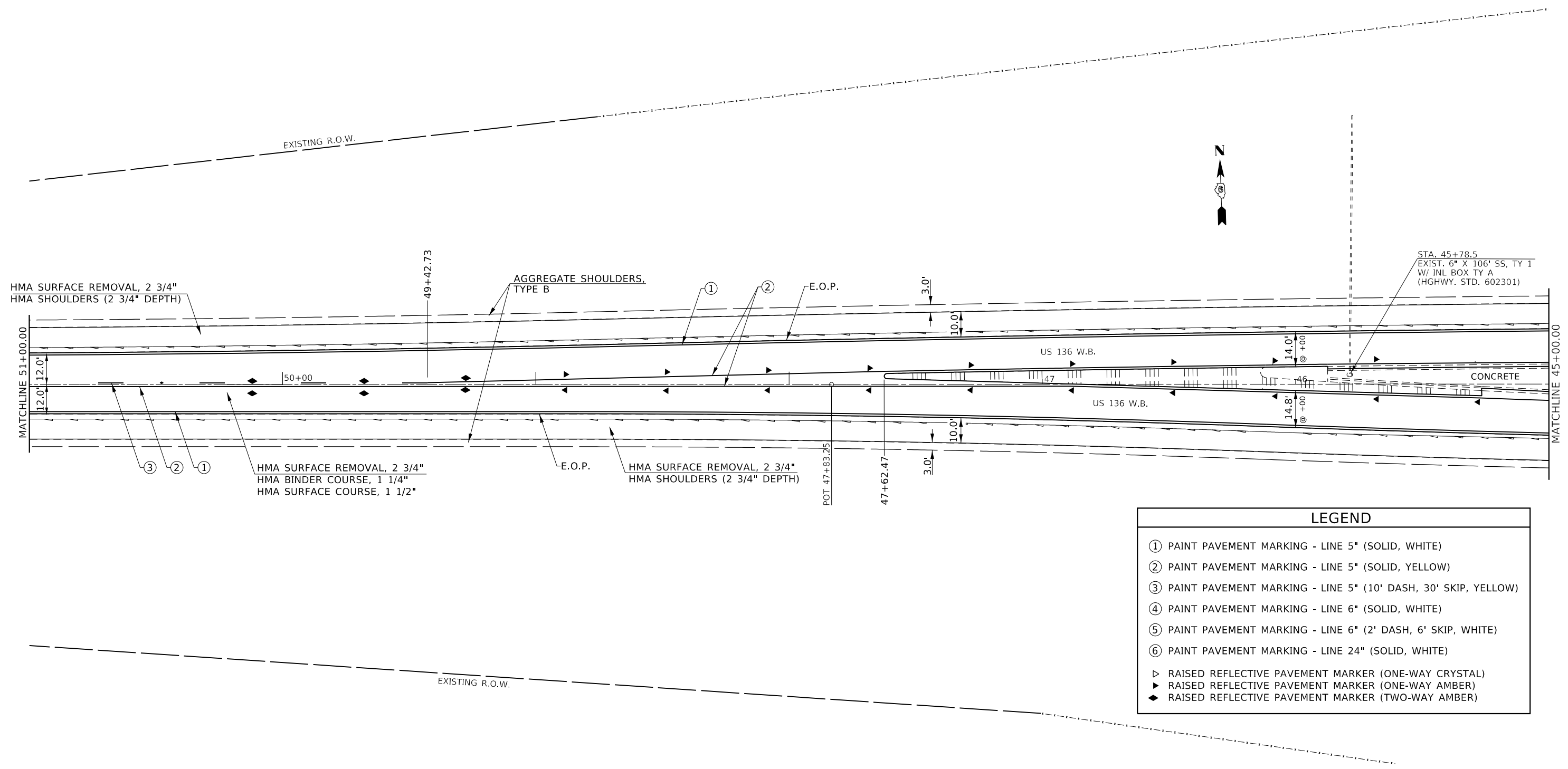
US 136 PLAN SHEET

SCALE: SHEET 1 OF 15 SHEETS STA. TO STA.

F.A.P. RTE. 315	SECTION *	COUNTY LOGAN	TOTAL SHEETS 94	SHEET NO. 26
CONTRACT NO. 72E00			ILLINOIS FED. AID PROJECT	

(116)RS-6(117)RS-9(54-10)BDR-1

MODEL: SHEET 2
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LEGEND	
①	PAINT PAVEMENT MARKING - LINE 5" (SOLID, WHITE)
②	PAINT PAVEMENT MARKING - LINE 5" (SOLID, YELLOW)
③	PAINT PAVEMENT MARKING - LINE 5" (10' DASH, 30' SKIP, YELLOW)
④	PAINT PAVEMENT MARKING - LINE 6" (SOLID, WHITE)
⑤	PAINT PAVEMENT MARKING - LINE 6" (2' DASH, 6' SKIP, WHITE)
⑥	PAINT PAVEMENT MARKING - LINE 24" (SOLID, WHITE)
▷	RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY CRYSTAL)
▶	RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY AMBER)
◆	RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)

USER NAME = TANJO	DESIGNED -	REVISED -
	DRAWN - RTS	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/31/2020	DATE - 01-08-2020	REVISED -

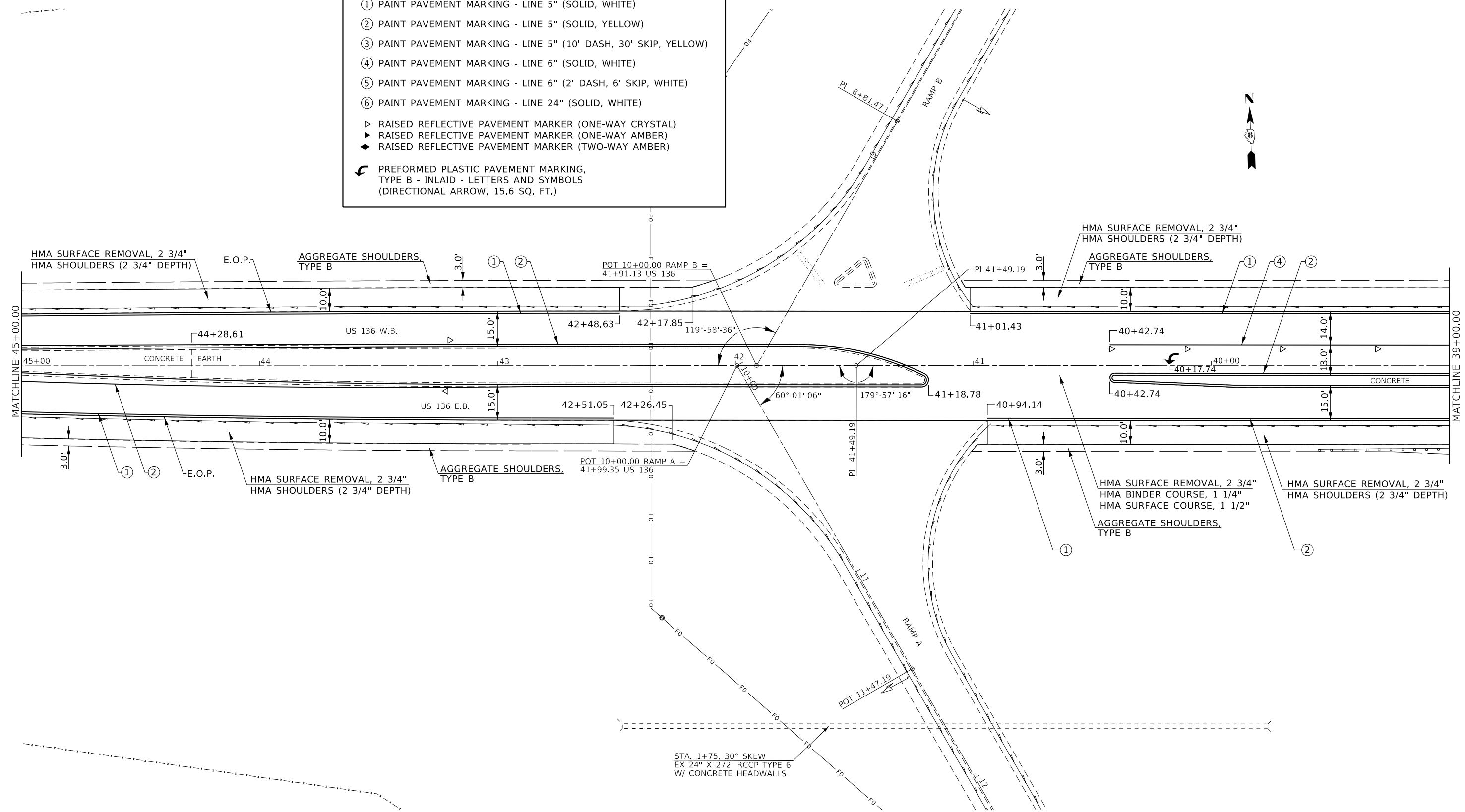
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

US 136 PLAN SHEET

SCALE: SHEET 2 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	27
CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				

LEGEND	
①	PAINT PAVEMENT MARKING - LINE 5" (SOLID, WHITE)
②	PAINT PAVEMENT MARKING - LINE 5" (SOLID, YELLOW)
③	PAINT PAVEMENT MARKING - LINE 5" (10' DASH, 30' SKIP, YELLOW)
④	PAINT PAVEMENT MARKING - LINE 6" (SOLID, WHITE)
⑤	PAINT PAVEMENT MARKING - LINE 6" (2' DASH, 6' SKIP, WHITE)
⑥	PAINT PAVEMENT MARKING - LINE 24" (SOLID, WHITE)
▷	RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY CRYSTAL)
▶	RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY AMBER)
◆	RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)
↪	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS (DIRECTIONAL ARROW, 15.6 SQ. FT.)



MODEL - SHEET 3
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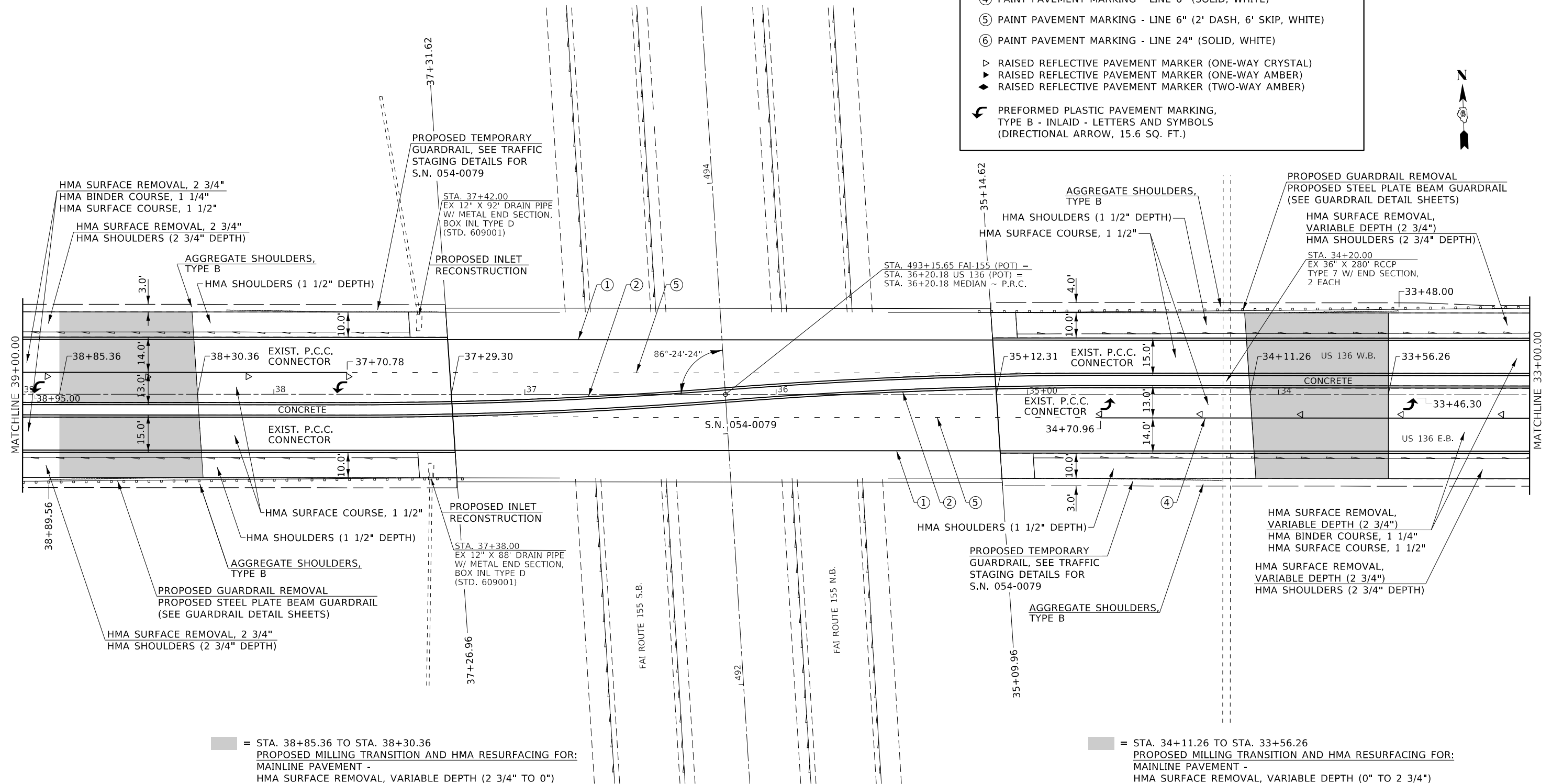
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PLOT DATE = 3/12/2020	CHECKED -	REVISED -
	DATE - 01-08-2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US 136 PLAN SHEET			
SCALE:	SHEET 3 OF 15 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	28
CONTRACT NO. 72E00				

LEGEND	
①	PAINT PAVEMENT MARKING - LINE 5" (SOLID, WHITE)
②	PAINT PAVEMENT MARKING - LINE 5" (SOLID, YELLOW)
③	PAINT PAVEMENT MARKING - LINE 5" (10' DASH, 30' SKIP, YELLOW)
④	PAINT PAVEMENT MARKING - LINE 6" (SOLID, WHITE)
⑤	PAINT PAVEMENT MARKING - LINE 6" (2' DASH, 6' SKIP, WHITE)
⑥	PAINT PAVEMENT MARKING - LINE 24" (SOLID, WHITE)
▷	RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY CRYSTAL)
▷	RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY AMBER)
◆	RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)
↩	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS (DIRECTIONAL ARROW, 15.6 SQ. FT.)



■ = STA. 38+85.36 TO STA. 38+30.36
 PROPOSED MILLING TRANSITION AND HMA RESURFACING FOR:
 MAINLINE PAVEMENT -
 HMA SURFACE REMOVAL, VARIABLE DEPTH (2 3/4" TO 0")
 HMA BINDER COURSE, 1 1/4" DEPTH TO 0" DEPTH
 HMA SURFACE COURSE, 1 1/2" DEPTH TO 1 3/4" DEPTH
 HMA SHOULDERS -
 HMA SURFACE REMOVAL, VARIABLE DEPTH (2 3/4" TO 0")
 HMA SHOULDERS, 2 3/4" DEPTH TO 1 3/4" DEPTH

■ = STA. 34+11.26 TO STA. 33+56.26
 PROPOSED MILLING TRANSITION AND HMA RESURFACING FOR:
 MAINLINE PAVEMENT -
 HMA SURFACE REMOVAL, VARIABLE DEPTH (0" TO 2 3/4")
 HMA BINDER COURSE, 0" DEPTH TO 1 1/4" DEPTH
 HMA SURFACE COURSE, 1 3/4" DEPTH TO 1 1/2" DEPTH
 HMA SHOULDERS -
 HMA SURFACE REMOVAL, VARIABLE DEPTH (0" TO 2 3/4")
 HMA SHOULDERS, 1 3/4" DEPTH TO 2 3/4" DEPTH

MODEL SHEET 4
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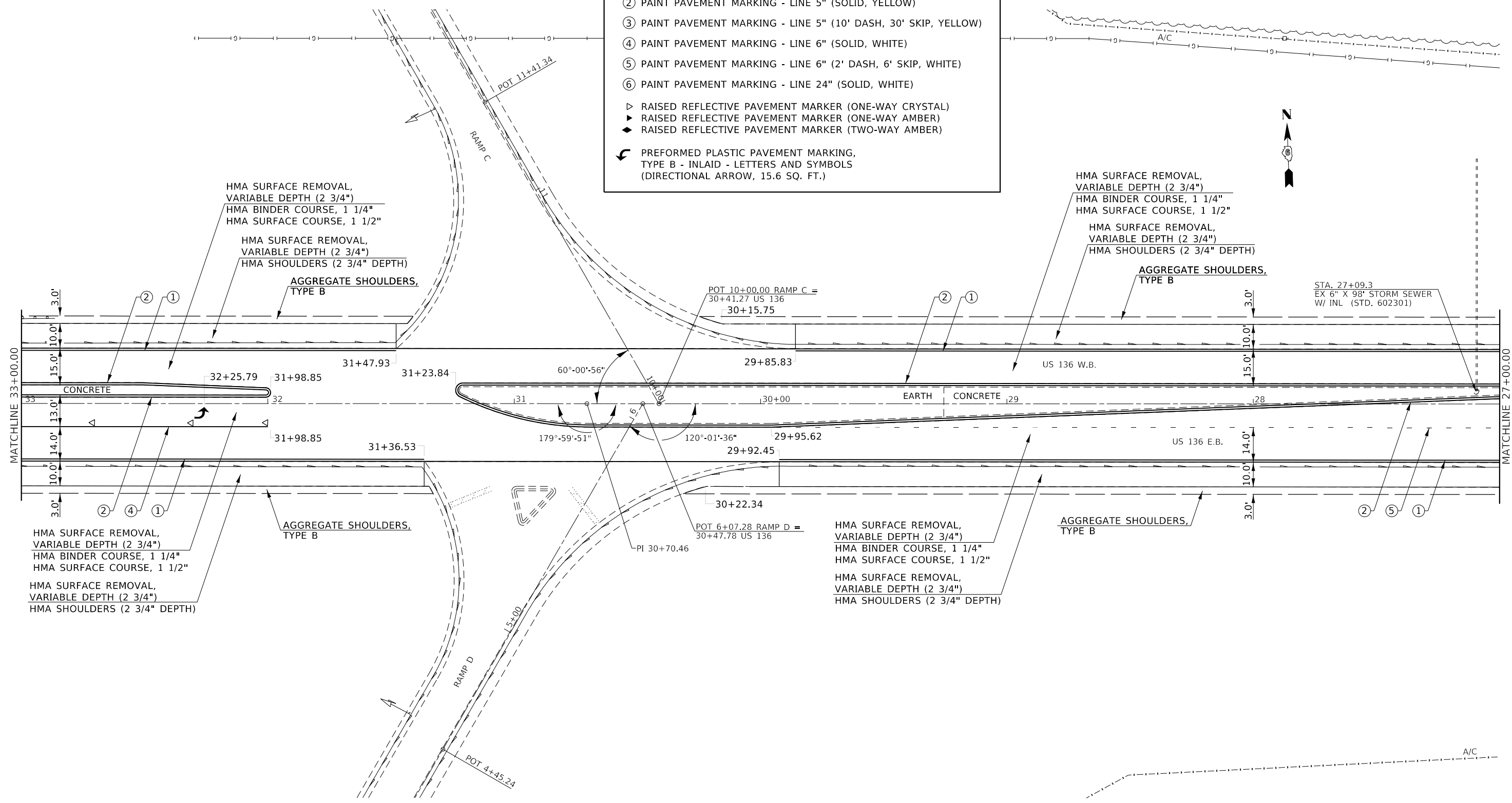
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PLOT DATE = 2/18/2020	CHECKED -	REVISED -
	DATE - 01-08-2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 136 PLAN SHEET			
SCALE:	SHEET 4 OF 15 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	29
CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				

LEGEND	
①	PAINT PAVEMENT MARKING - LINE 5" (SOLID, WHITE)
②	PAINT PAVEMENT MARKING - LINE 5" (SOLID, YELLOW)
③	PAINT PAVEMENT MARKING - LINE 5" (10' DASH, 30' SKIP, YELLOW)
④	PAINT PAVEMENT MARKING - LINE 6" (SOLID, WHITE)
⑤	PAINT PAVEMENT MARKING - LINE 6" (2' DASH, 6' SKIP, WHITE)
⑥	PAINT PAVEMENT MARKING - LINE 24" (SOLID, WHITE)
▷	RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY CRYSTAL)
▶	RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY AMBER)
◆	RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)
↩	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS (DIRECTIONAL ARROW, 15.6 SQ. FT.)



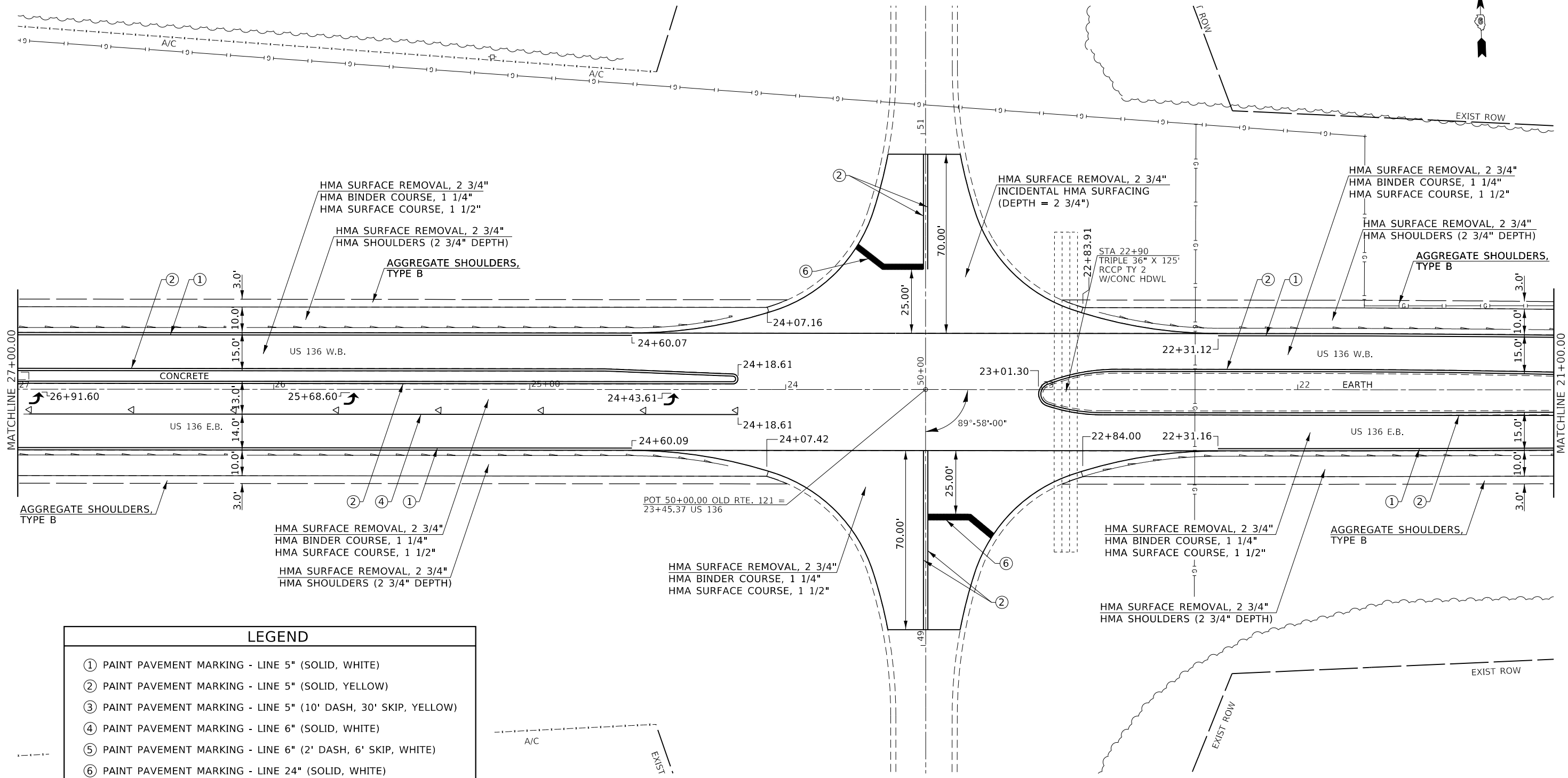
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	DRAWN - RTS	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/12/2020	DATE - 01-08-2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US 136 PLAN SHEET			
SCALE:	SHEET 5 OF 15 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	30
CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				



LEGEND	
①	PAINT PAVEMENT MARKING - LINE 5" (SOLID, WHITE)
②	PAINT PAVEMENT MARKING - LINE 5" (SOLID, YELLOW)
③	PAINT PAVEMENT MARKING - LINE 5" (10' DASH, 30' SKIP, YELLOW)
④	PAINT PAVEMENT MARKING - LINE 6" (SOLID, WHITE)
⑤	PAINT PAVEMENT MARKING - LINE 6" (2' DASH, 6' SKIP, WHITE)
⑥	PAINT PAVEMENT MARKING - LINE 24" (SOLID, WHITE)
▷	RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY CRYSTAL)
▶	RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY AMBER)
◆	RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)
↩	PREFORMED PLASTIC PAVEMENT MARKING - TYPE B - INLAID - LETTERS AND SYMBOLS (DIRECTIONAL ARROW, 15.6 SQ. FT.)

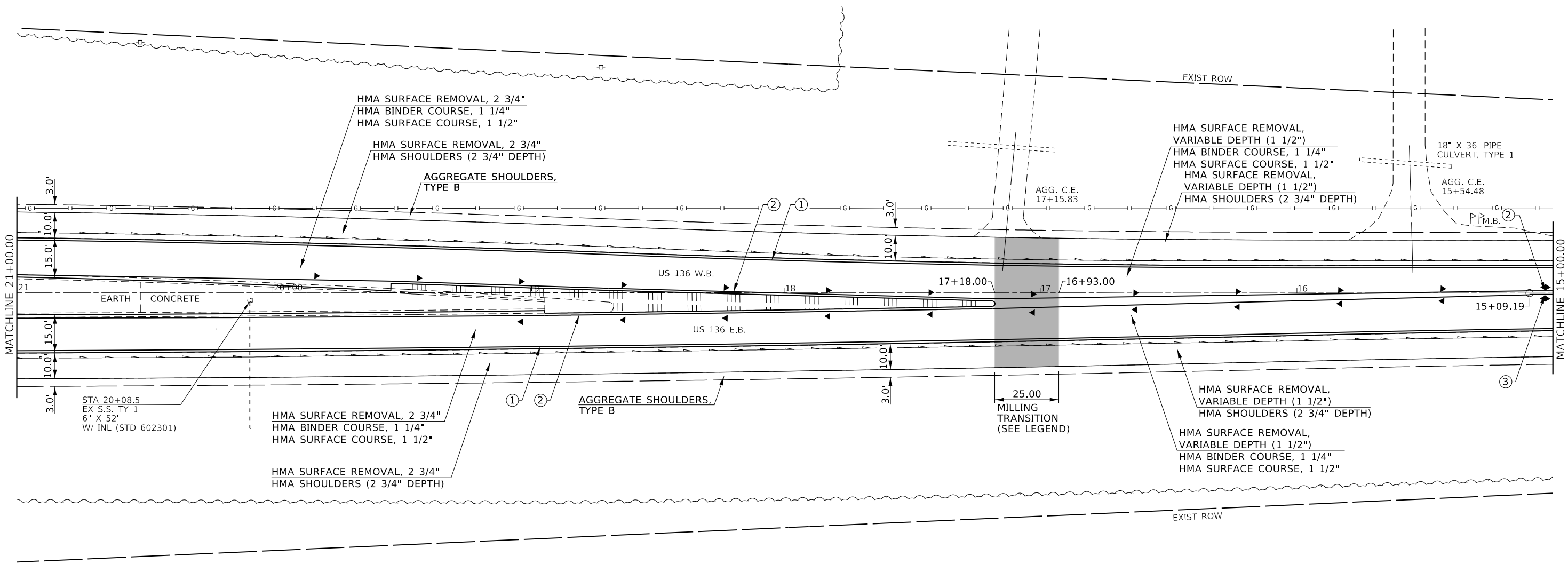
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	DRAWN - RTS	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/12/2020	DATE - 01-10-2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US 136 PLAN SHEET			
SCALE:	SHEET 6 OF 15 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	31
CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				



LEGEND		
① PAINT PAVEMENT MARKING - LINE 5" (SOLID, WHITE)	▷ RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY CRYSTAL)	<div style="display: flex; align-items: center;"> <div style="width: 15px; height: 15px; background-color: gray; margin-right: 5px;"></div> STA. 17+18.00 TO STA. 16+93.00 PROPOSED MILLING TRANSITION: MAINLINE PAVEMENT - HMA SURFACE REMOVAL, 2 3/4" TO 1 1/2" HMA SHOULDERS - HMA SURFACE REMOVAL, 2 3/4" TO 1 1/2" </div>
② PAINT PAVEMENT MARKING - LINE 5" (SOLID, YELLOW)	▶ RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY AMBER)	
③ PAINT PAVEMENT MARKING - LINE 5" (10' DASH, 30' SKIP, YELLOW)	◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)	
④ PAINT PAVEMENT MARKING - LINE 6" (SOLID, WHITE)		
⑤ PAINT PAVEMENT MARKING - LINE 6" (2' DASH, 6' SKIP, WHITE)		
⑥ PAINT PAVEMENT MARKING - LINE 24" (SOLID, WHITE)		

MODEL SHEET 7
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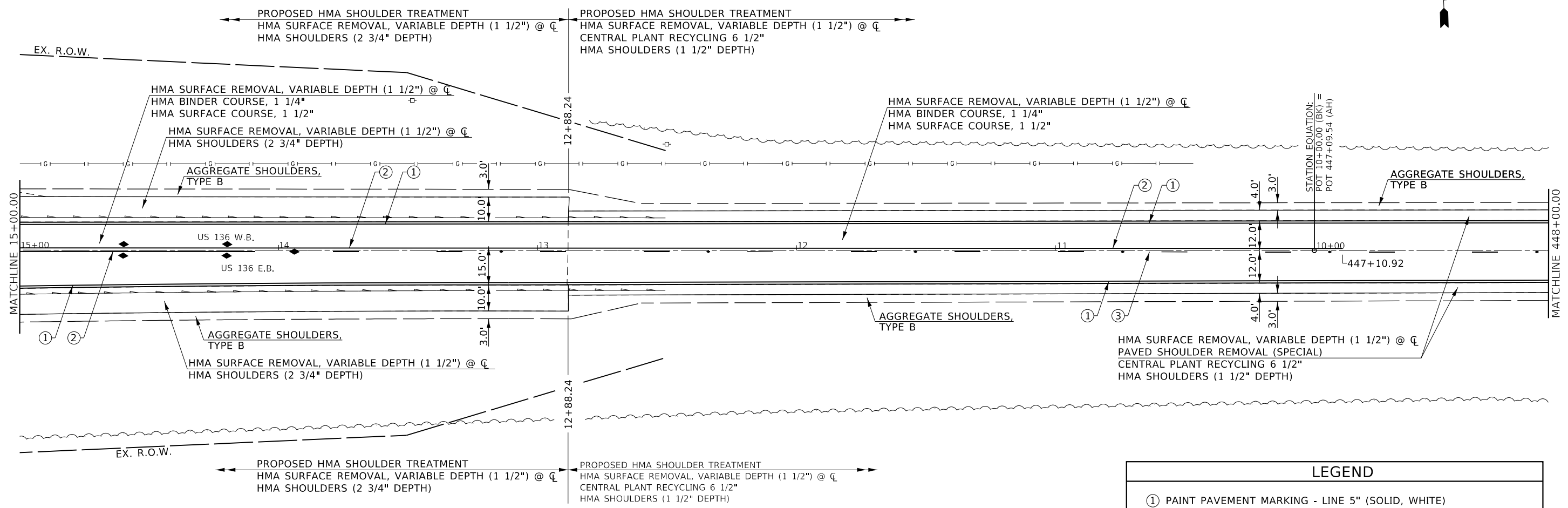
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PLOT DATE = 3/12/2020	DATE - 01-10-2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US 136 PLAN SHEET

SCALE: SHEET 7 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	32
CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				



LEGEND	
①	PAINT PAVEMENT MARKING - LINE 5" (SOLID, WHITE)
②	PAINT PAVEMENT MARKING - LINE 5" (SOLID, YELLOW)
③	PAINT PAVEMENT MARKING - LINE 5" (10' DASH, 30' SKIP, YELLOW)
④	PAINT PAVEMENT MARKING - LINE 6" (SOLID, WHITE)
⑤	PAINT PAVEMENT MARKING - LINE 6" (2' DASH, 6' SKIP, WHITE)
⑥	PAINT PAVEMENT MARKING - LINE 24" (SOLID, WHITE)
▷	RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY CRYSTAL)
▶	RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY AMBER)
◆	RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)

MODEL SHEET 8
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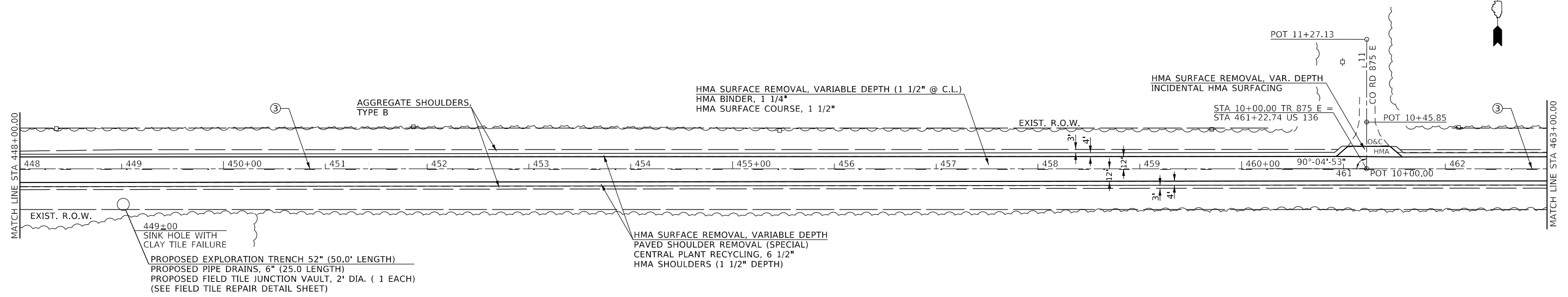
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 136 PLAN SHEET

SCALE: SHEET 8 OF 15 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LOGAN	94	33
CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				



449+00
SINK HOLE WITH
CLAY TILE FAILURE

PROPOSED EXPLORATION TRENCH 52" (50.0' LENGTH)
PROPOSED PIPE DRAINS, 6" (25.0 LENGTH)
PROPOSED FIELD TILE JUNCTION VAULT, 2' DIA. (1 EACH)
(SEE FIELD TILE REPAIR DETAIL SHEET)

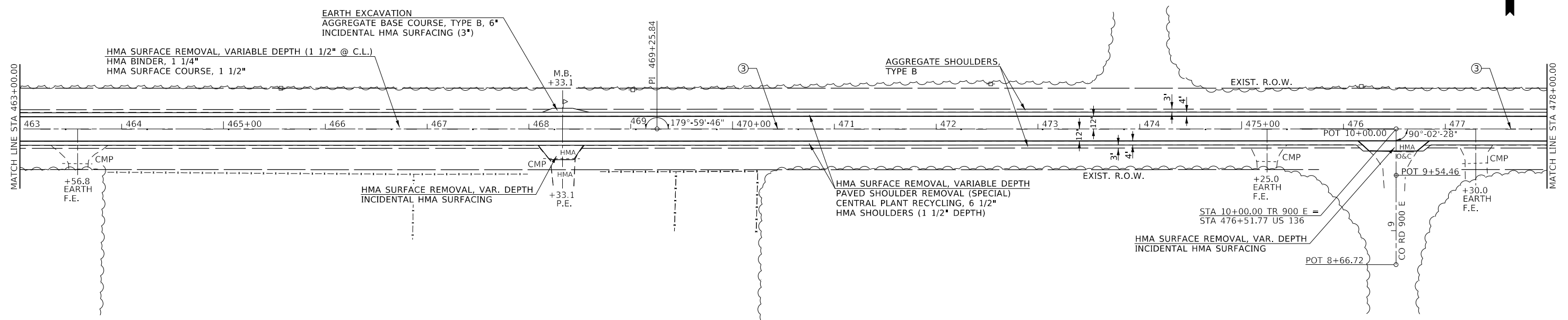
NOTES

THE PROPOSED EDGE OF PAVEMENT STRIPES ARE NOT SHOWN ON THIS PLAN SHEET. SEE PAVEMENT MARKING SCHEDULE FOR EDGE OF PAVEMENT STRIPING LAYOUT PLACEMENT.

SEE SIDEROAD AND ENTRANCE SCHEDULES FOR THEIR DETAILS OF IMPROVEMENT.

LEGEND

- ② PAINT PAVEMENT MARKING - LINE 5" (SOLID, YELLOW)
- ③ PAINT PAVEMENT MARKING - LINE 5" (10' DASH, 30' SKIP, YELLOW)
- ◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)



EARTH EXCAVATION
AGGREGATE BASE COURSE, TYPE B, 6"
INCIDENTAL HMA SURFACING (3")

HMA SURFACE REMOVAL, VARIABLE DEPTH
PAVED SHOULDER REMOVAL (SPECIAL)
CENTRAL PLANT RECYCLING, 6 1/2"
HMA SHOULDERS (1 1/2" DEPTH)

HMA SURFACE REMOVAL, VAR. DEPTH
INCIDENTAL HMA SURFACING

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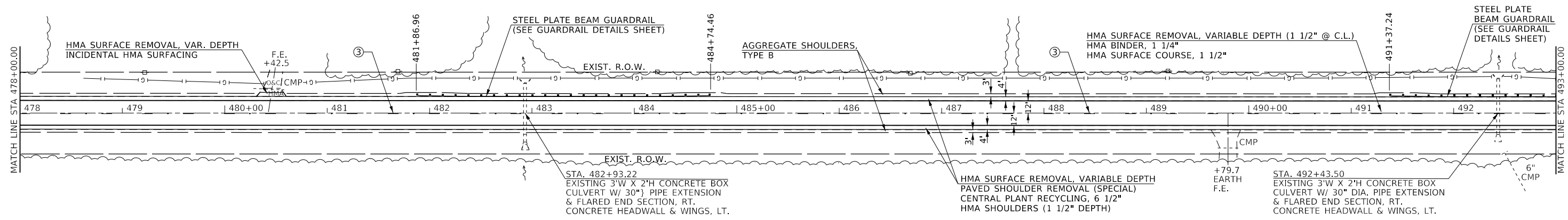
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PLOT DATE = 2/3/2020	DATE - 01-09-2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US 136 PLAN SHEET

SCALE: SHEET 9 OF 15 SHEETS STA. TO STA.

F.A.P. RTE. 315	SECTION *	COUNTY LOGAN	TOTAL SHEETS 94	SHEET NO. 34
CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				



NOTES

THE PROPOSED EDGE OF PAVEMENT STRIPES ARE NOT SHOWN ON THIS PLAN SHEET. SEE PAVEMENT MARKING SCHEDULE FOR EDGE OF PAVEMENT STRIPING LAYOUT PLACEMENT.

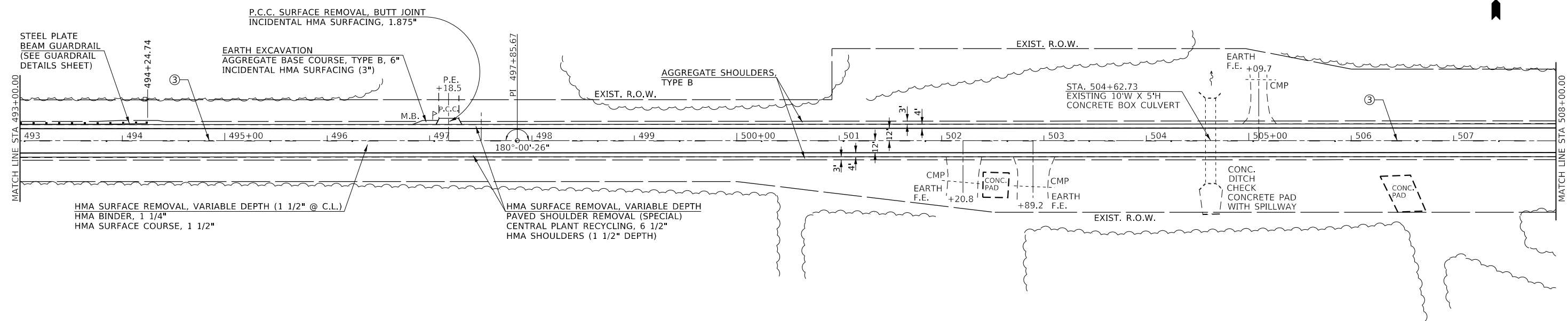
SEE SIDEROAD AND ENTRANCE SCHEDULES FOR THEIR DETAILS OF IMPROVEMENT.

LEGEND

② PAINT PAVEMENT MARKING - LINE 5" (SOLID, YELLOW)

③ PAINT PAVEMENT MARKING - LINE 5" (10' DASH, 30' SKIP, YELLOW)

◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)



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 DATE: 3/12/2020

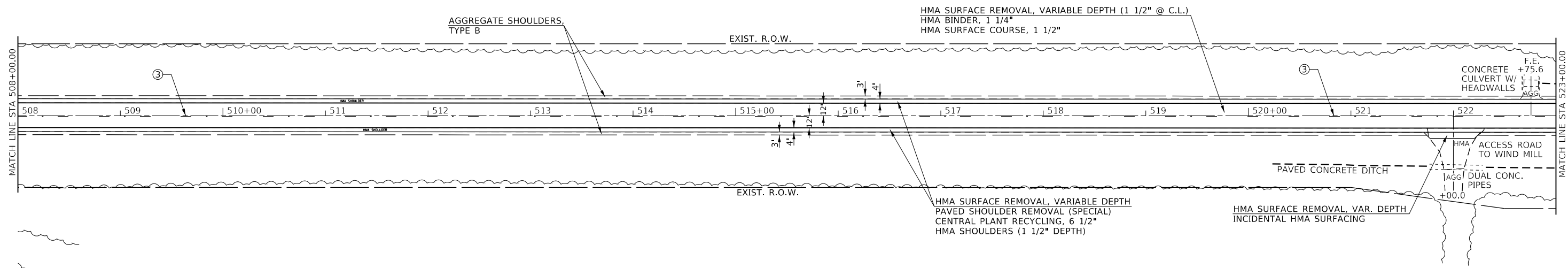
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PLOT DATE = 3/12/2020	DATE - 01-09-2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US 136 PLAN SHEET

SCALE: SHEET 10 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	35
CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				



NOTES

THE PROPOSED EDGE OF PAVEMENT STRIPES ARE NOT SHOWN ON THIS PLAN SHEET. SEE PAVEMENT MARKING SCHEDULE FOR EDGE OF PAVEMENT STRIPING LAYOUT PLACEMENT.

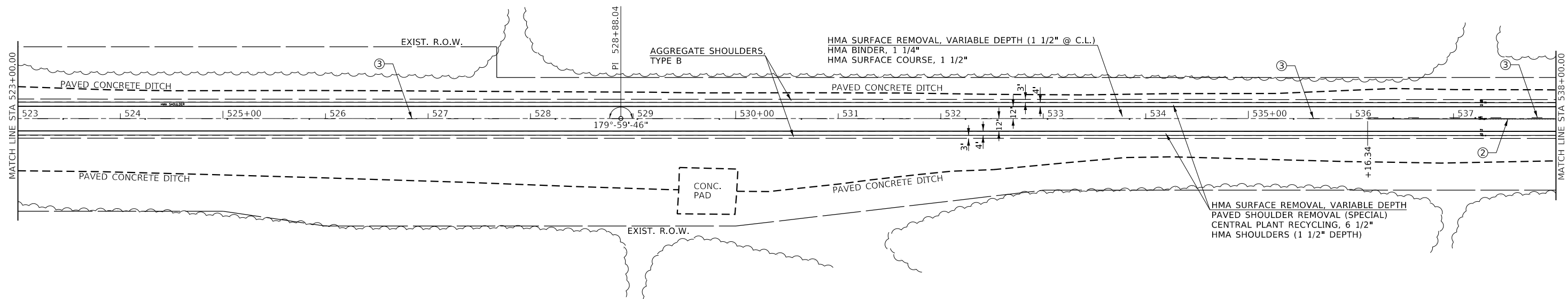
SEE SIDEROAD AND ENTRANCE SCHEDULES FOR THEIR DETAILS OF IMPROVEMENT.

LEGEND

② PAINT PAVEMENT MARKING - LINE 5" (SOLID, YELLOW)

③ PAINT PAVEMENT MARKING - LINE 5" (10' DASH, 30' SKIP, YELLOW)

◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)



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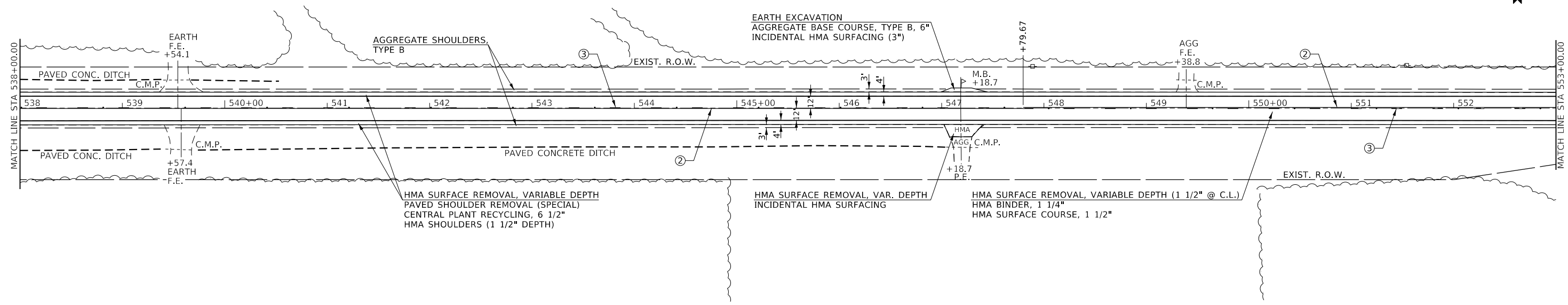
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DRAWN - RTS	REVISIONS -	
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PLOT DATE = 1/31/2020	DATE - 01-09-2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US 136 PLAN SHEET

SCALE: SHEET 11 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	36
CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				



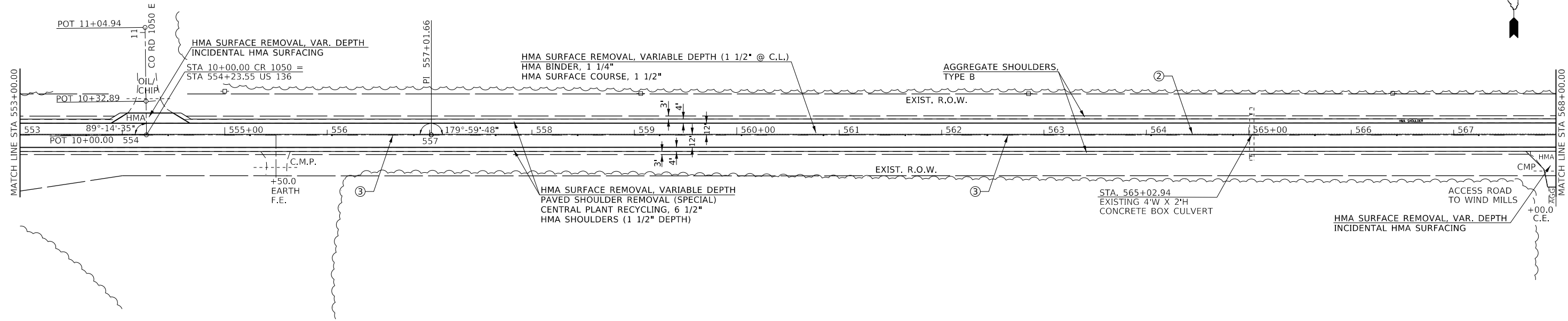
NOTES

THE PROPOSED EDGE OF PAVEMENT STRIPES ARE NOT SHOWN ON THIS PLAN SHEET. SEE PAVEMENT MARKING SCHEDULE FOR EDGE OF PAVEMENT STRIPING LAYOUT PLACEMENT.

SEE SIDEROAD AND ENTRANCE SCHEDULES FOR THEIR DETAILS OF IMPROVEMENT.

LEGEND

- ② PAINT PAVEMENT MARKING - LINE 5" (SOLID, YELLOW)
- ③ PAINT PAVEMENT MARKING - LINE 5" (10' DASH, 30' SKIP, YELLOW)
- ◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)



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	DATE - 01-09-2020	REVISED -

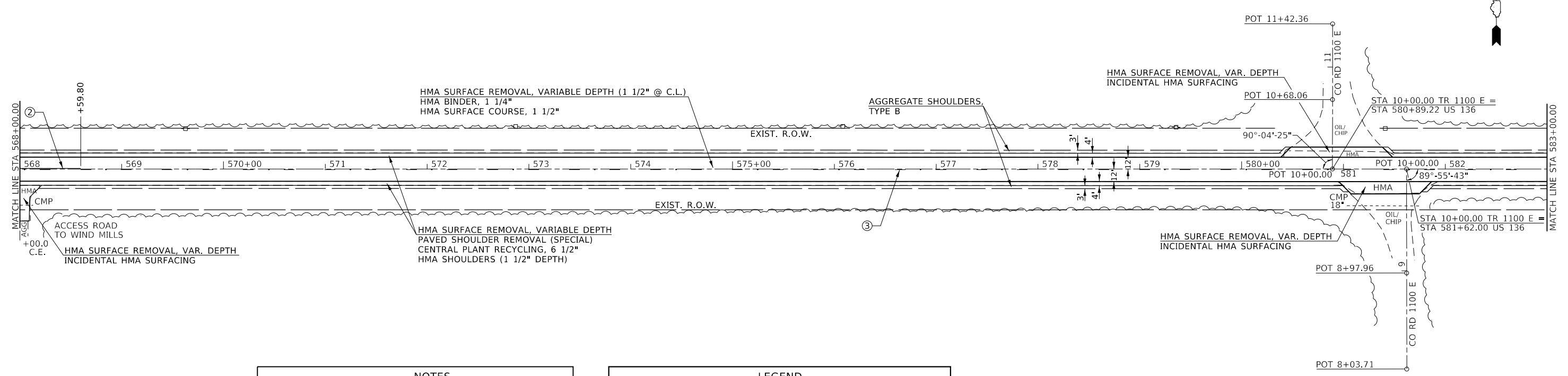
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US 136 PLAN SHEET

SCALE: SHEET 12 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	37
CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				

S006



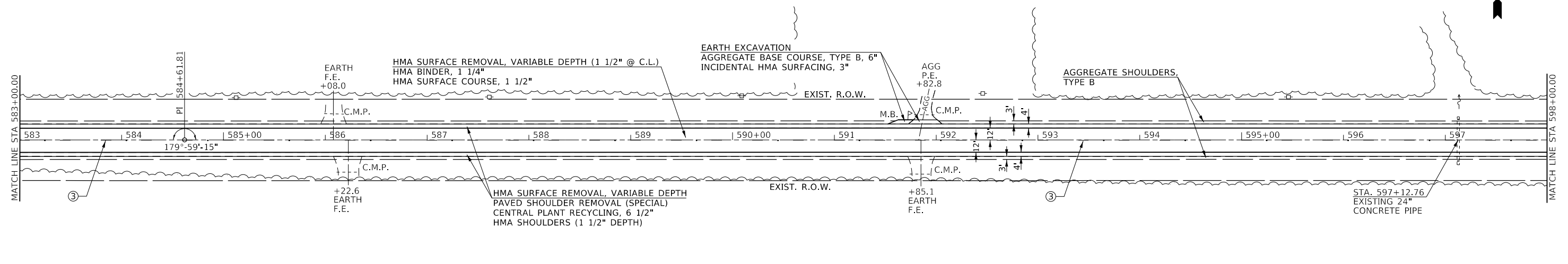
NOTES

THE PROPOSED EDGE OF PAVEMENT STRIPES ARE NOT SHOWN ON THIS PLAN SHEET. SEE PAVEMENT MARKING SCHEDULE FOR EDGE OF PAVEMENT STRIPING LAYOUT PLACEMENT.

SEE SIDEROAD AND ENTRANCE SCHEDULES FOR THEIR DETAILS OF IMPROVEMENT.

LEGEND

- ② PAINT PAVEMENT MARKING - LINE 5" (SOLID, YELLOW)
- ③ PAINT PAVEMENT MARKING - LINE 5" (10' DASH, 30' SKIP, YELLOW)
- ◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)



MODEL: Default
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PLOT DATE = 1/31/2020	CHECKED -	REVISED -
	DATE - 01-09-2020	REVISED -

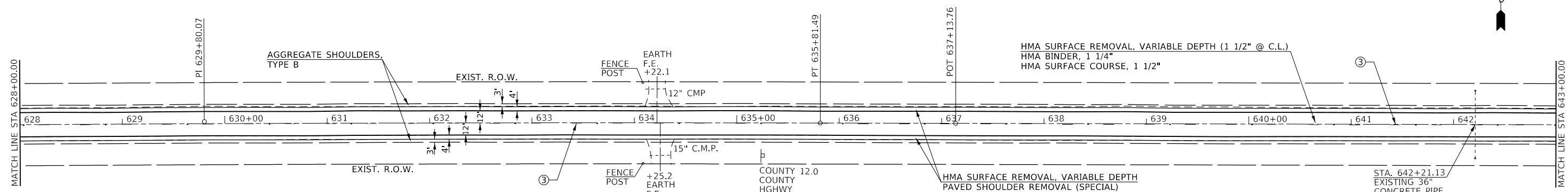
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US 136 PLAN SHEET

SCALE: SHEET 13 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	38
CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				

(116)RS-6(117)RS-9(54-10)BDR-1



EXIST. CURVE 310
 PI STA. = 629+80.07
 $\Delta = 0^\circ 45' 53''$ (RT)
 $D = 0^\circ 03' 49''$
 $R = 90,117.46'$
 $T = 601.43'$
 $L = 1,202.85'$
 $E = 2.01'$
 $e = \text{---}$
 $T.R. = \text{---}$
 $S.E. \text{ RUN} = \text{---}$
 $P.C. \text{ STA.} = 623+78.64$
 $P.T. \text{ STA.} = 635+81.49$

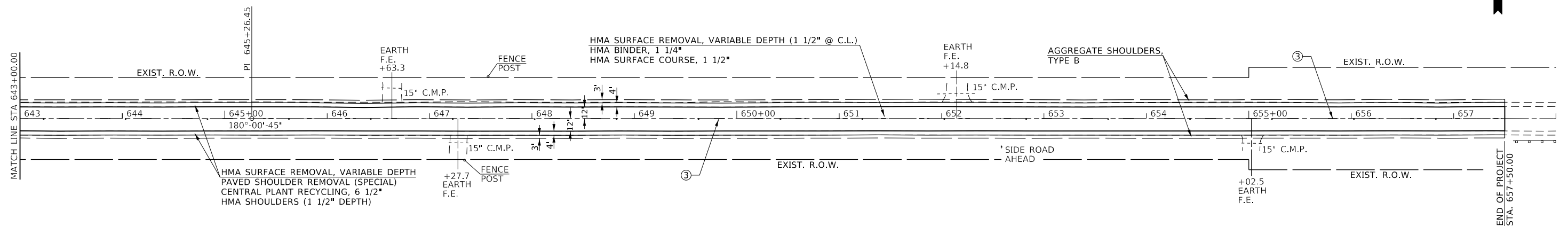
NOTES

THE PROPOSED EDGE OF PAVEMENT STRIPES ARE NOT SHOWN ON THIS PLAN SHEET. SEE PAVEMENT MARKING SCHEDULE FOR EDGE OF PAVEMENT STRIPING LAYOUT PLACEMENT.

SEE SIDEROAD AND ENTRANCE SCHEDULES FOR THEIR DETAILS OF IMPROVEMENT.

LEGEND

- ② PAINT PAVEMENT MARKING - LINE 5" (SOLID, YELLOW)
- ③ PAINT PAVEMENT MARKING - LINE 5" (10' DASH, 30' SKIP, YELLOW)
- ◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)



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 DATE: 1/31/2020

USER NAME = TANJO	DESIGNED -	REVISED -
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PLOT DATE = 1/31/2020	DATE - 01-09-2020	REVISED -

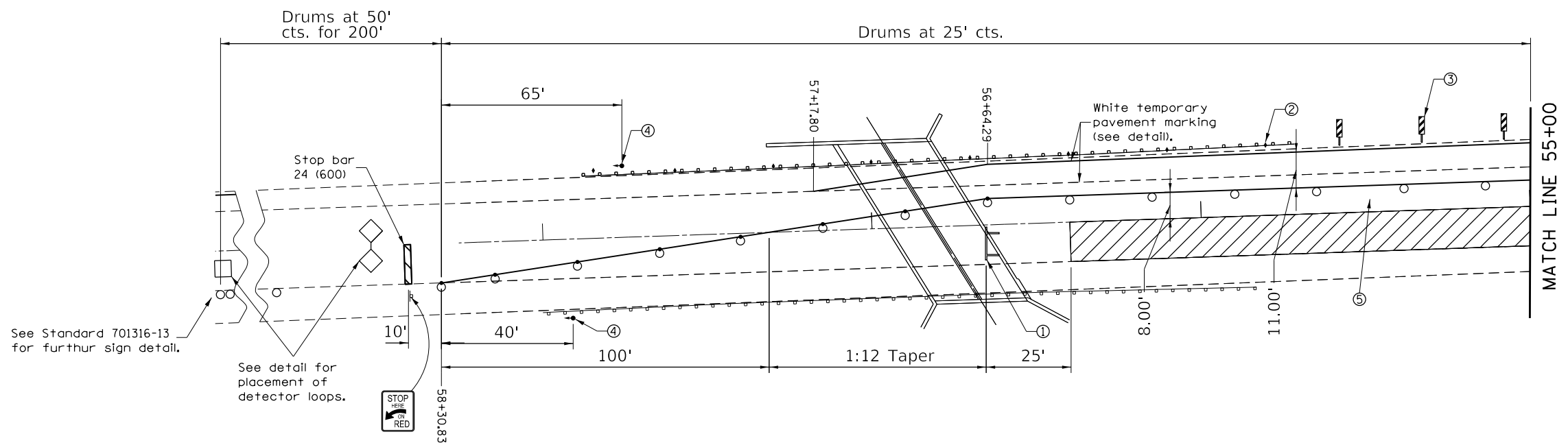
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

US 136 PLAN SHEET

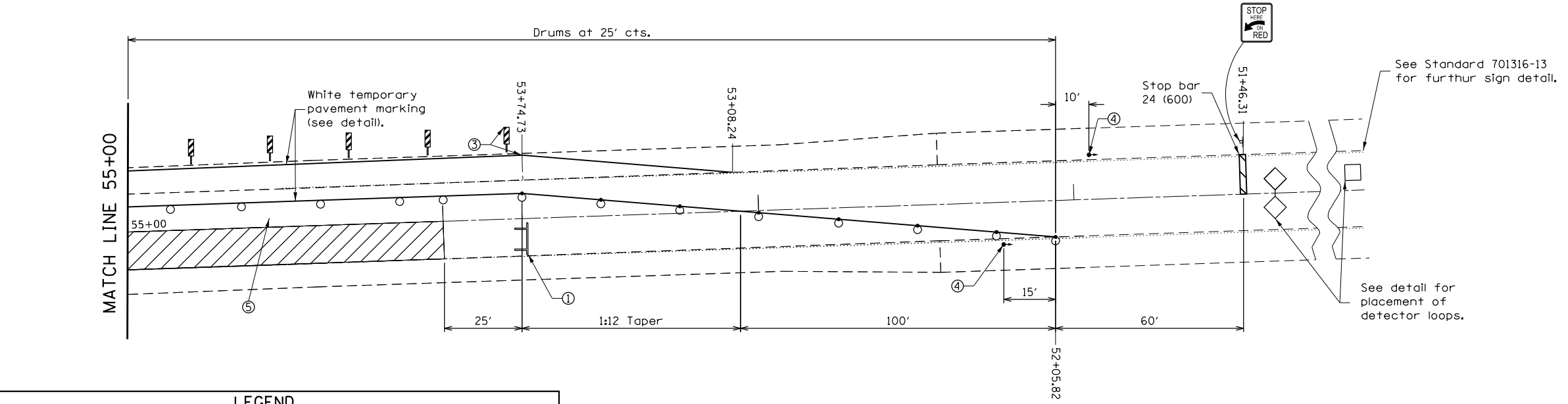
SCALE: SHEET 15 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	40
CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				

PAVEMENT REPLACEMENT STAGE I TRAFFIC CONTROL



- ① TYPE III BARRICADE TO BE PLACED WHEN NO WORK IS BEING PERFORMED.
- ② GUARDRAIL/BARRIER WALL REFLECTORS AT 25' CTS. SEE STANDARDS 704001 & 782006.
- ③ VERTICAL PANELS AT 25' CTS. THROUGHOUT LANE SHIFT. THESE DEVICES MAY BE OMITTED WHEN THE GUARDRAIL, W/MARKERS, EXTENDS TO AT LEAST THIS POINT ON THE TAPER.
- ④ THE EDGE OF THE POST MOUNTED SIGNAL HEAD SHALL BE BETWEEN 24 AND 6' FROM EDGE OF SHOULDER.
- ⑤ 8' CLEAR ZONE BETWEEN WORK ZONE AND TEMPORARY PAVEMENT MARKING.



LEGEND	
○ DRUM WITH STEADY BURN LIGHT	▨ STAGE I WORK AREA
○ DRUM	• CRYSTAL, BIDIRECTIONAL GUARDRAIL/BARRIER WALL REFLECTOR
• POST MOUNTED SIGNAL HEAD	▨ DOUBLE VERTICAL PANEL (SEE DETAIL)
▨ TYPE III BARRICADE WITH FLASHING LIGHTS	
▨ SIGN	

TRAFFIC STAGING NOTES

THIS TRAFFIC CONTROL PLAN SHALL BE USED IN CONJUNCTION WITH STANDARD 701316-13 AND AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL NOTIFY DISTRICT 6 TRAFFIC SECTION OF THE BUREAU OF OPERATIONS (PH. 217-782-7314) AT LEAST ONE WEEK PRIOR TO IMPLEMENTING STAGE TRAFFIC CONTROL. ALL EXISTING PAVEMENT MARKING THAT CONFLICTS WITH STAGE CONSTRUCTION STRIPPING SHALL BE REMOVED.

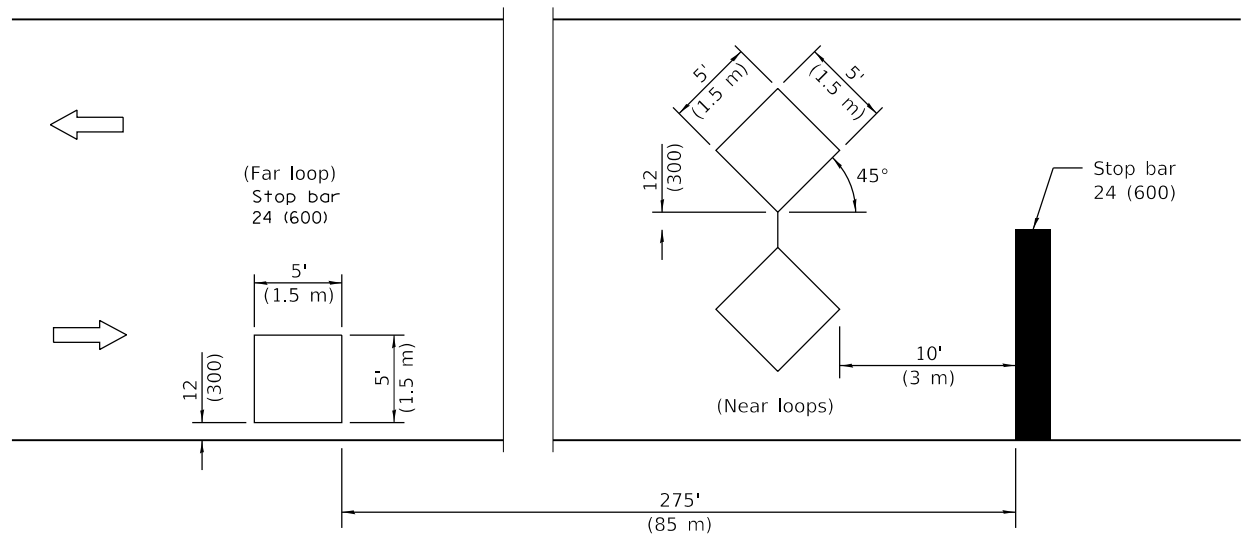
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	DRAWN -	REVISED -	
PLOT SCALE = 40,0000' / in.	CHECKED -	REVISED -	
PLOT DATE = 1/31/2020	DATE -	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STAGE I TRAFFIC CONTROL	
SCALE:	SHEET OF SHEETS STA. TO STA.

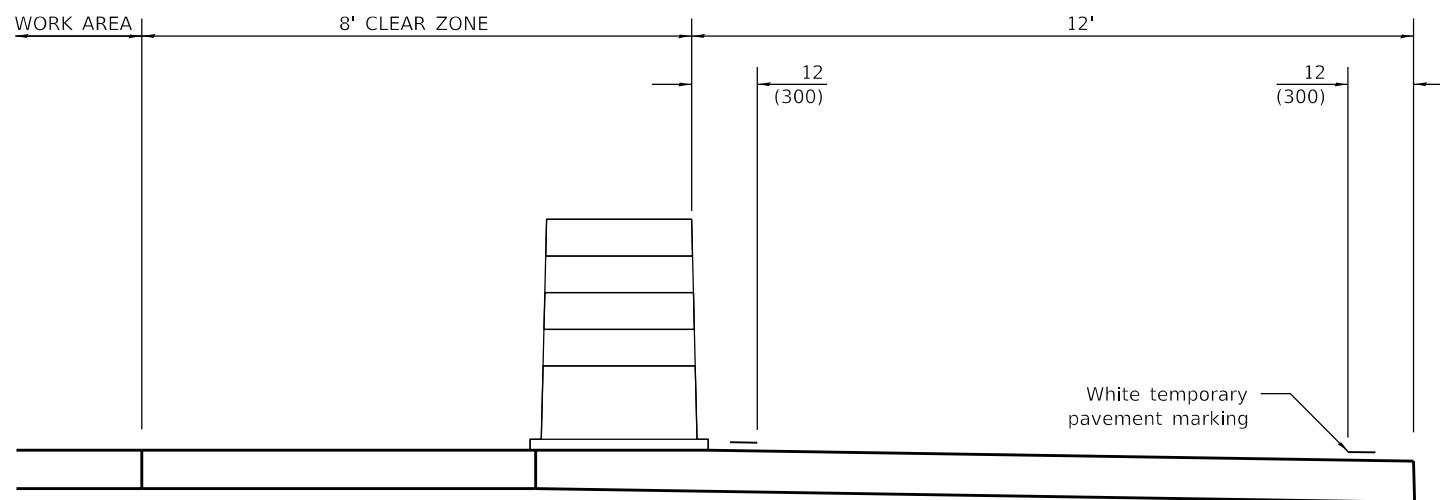
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	41
CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				



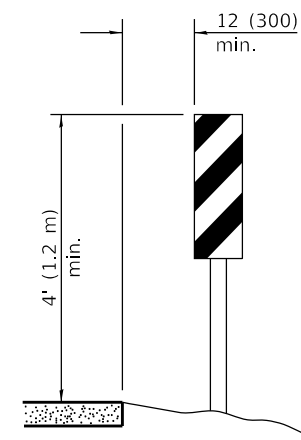
DETECTOR LOOPS

TRAFFIC SIGNAL SEQUENCE						
PHASE	A			B		
INTERVAL	1	2	3	4	5	6
NORTHBOUND OR EASTBOUND	G	Y	R	R	R	R
SOUTHBOUND OR WESTBOUND	R	R	R	G	Y	R

ADVISORY SPEED LIMIT	
NORMAL POSTED SPEED	ADVISORY SPEED
55 - 45 mph	40 mph
40 mph	35 mph
35 - 30 mph	30 mph



TEMPORARY PAVEMENT MARKING



VERTICAL PANELS
(Post mounted, one each side)

GENERAL NOTES

This Standard is used where, at any time any vehicle, equipment, workers or their activities will encroach on one lane of a bridge and traffic signals are required.

When traffic signals are not in operation, flaggers shall be used and traffic control devices shall conform to Standard 701201 or 701206.

Existing or temporary pavement markings shall be on both sides of open lane from stop bar to stop bar.

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

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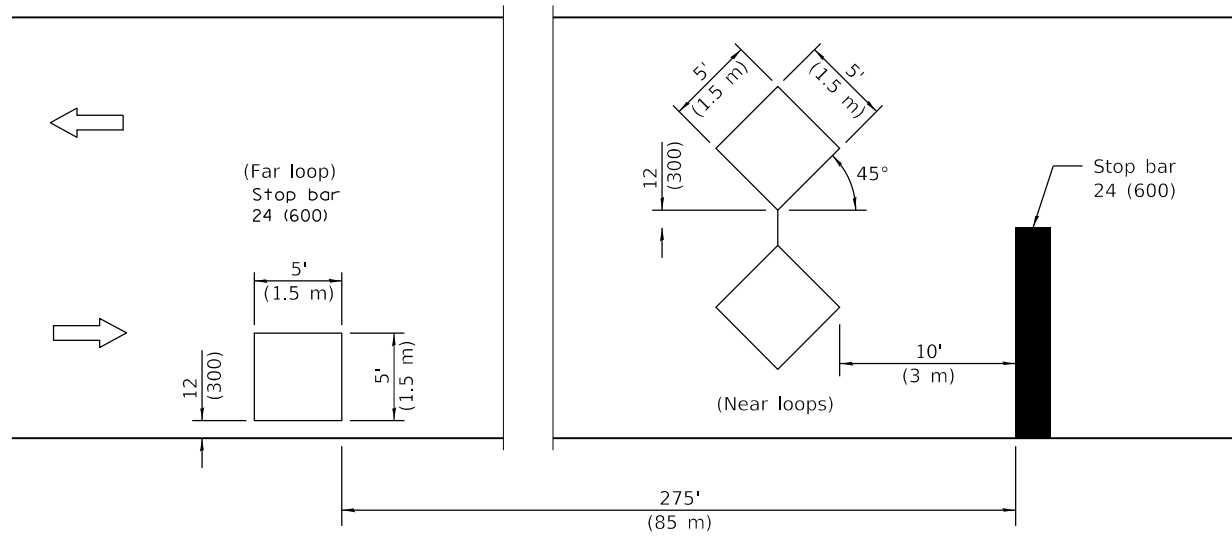
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PLOT DATE = 1/31/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STAGE I TRAFFIC CONTROL

SCALE: SHEET OF SHEETS STA. TO STA.

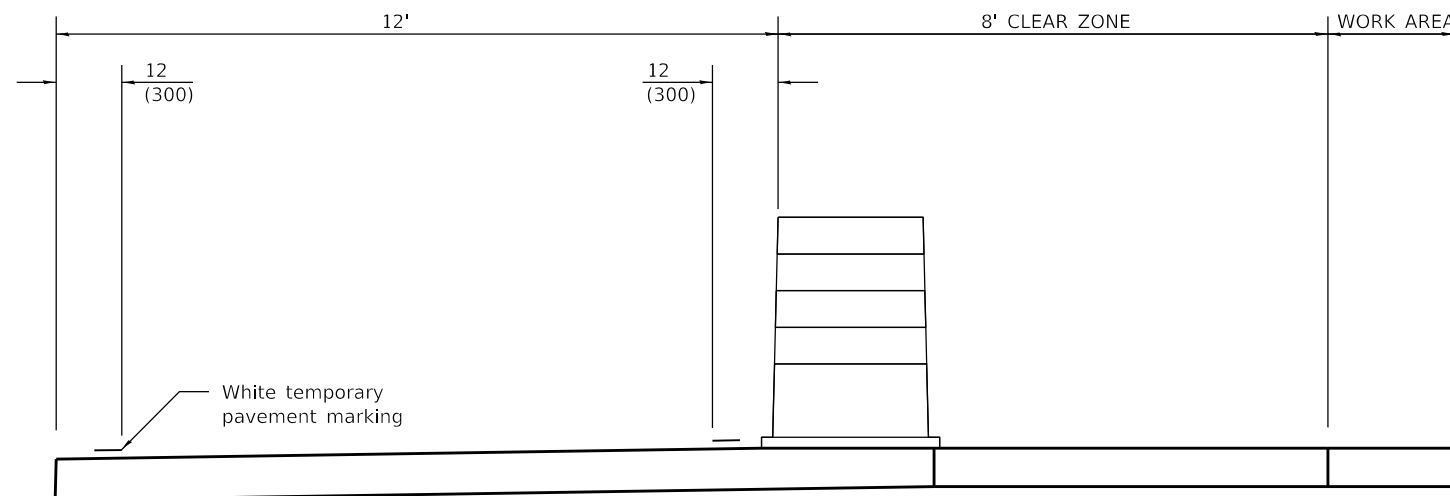
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CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				



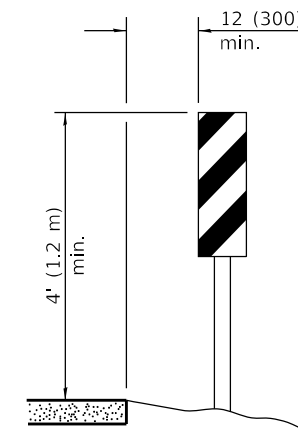
DETECTOR LOOPS

TRAFFIC SIGNAL SEQUENCE						
PHASE	A			B		
INTERVAL	1	2	3	4	5	6
NORTHBOUND OR EASTBOUND	G	Y	R	R	R	R
SOUTHBOUND OR WESTBOUND	R	R	R	G	Y	R

ADVISORY SPEED LIMIT	
NORMAL POSTED SPEED	ADVISORY SPEED
55 - 45 mph	40 mph
40 mph	35 mph
35 - 30 mph	30 mph



TEMPORARY PAVEMENT MARKING



VERTICAL PANELS
(Post mounted, one each side)

GENERAL NOTES

This Standard is used where, at any time any vehicle, equipment, workers or their activities will encroach on one lane of a bridge and traffic signals are required.

When traffic signals are not in operation, flaggers shall be used and traffic control devices shall conform to Standard 701201 or 701206.

Existing or temporary pavement markings shall be on both sides of open lane from stop bar to stop bar.

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

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	DRAWN -	REVISED -
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PLOT DATE = 1/31/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**










STAGE II TRAFFIC CONTROL

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	44
CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				

(116)RS-6 (117)RS-9 (54-10)BDR

SYMBOLS

-  Work area
-  Sign
-  Traffic signal
-  Drum
-  DIRECTION INDICATOR BARRICADE
-  Drum with steady burn bi-directional light
-  Crystal, bidirectional guardrail/barrier wall reflector
-  Double vertical panel (see detail)
-  TEMPORARY RUMBLE STRIP

STAGE CONSTRUCTION DESCRIPTION

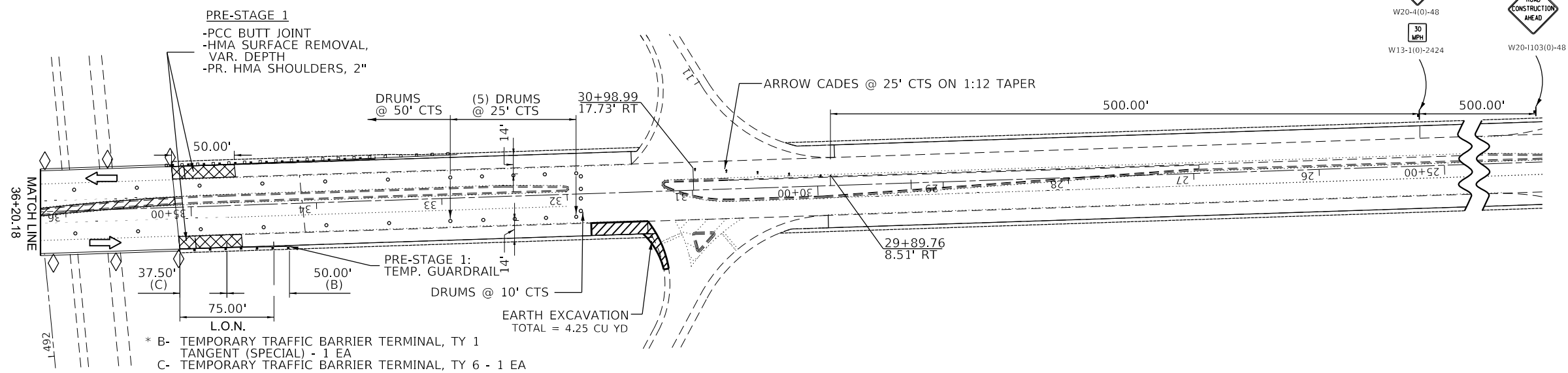
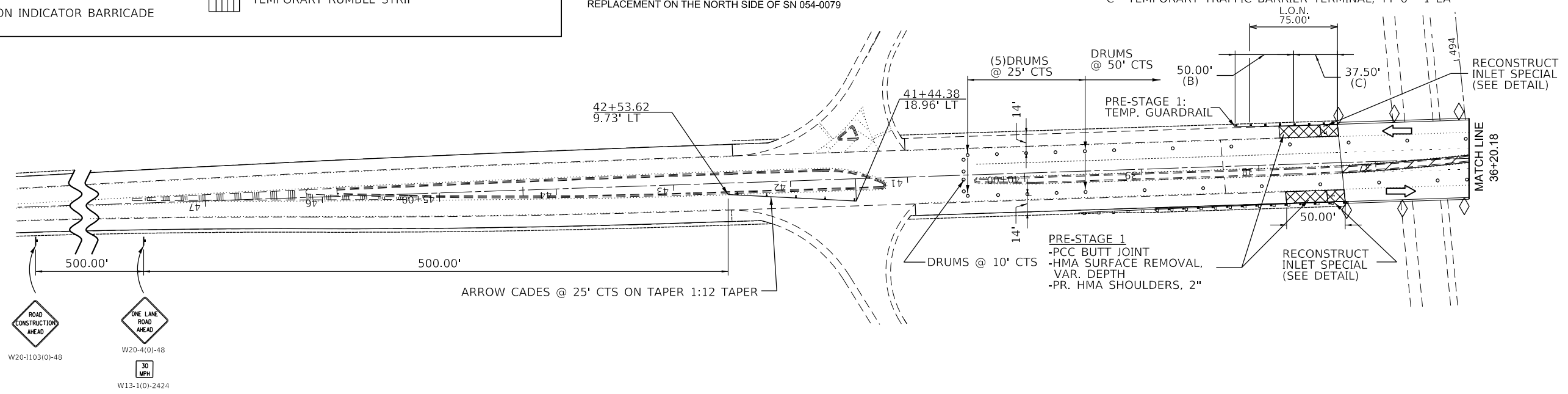
PRE-STAGE I:
CONSISTS OF INLET RECONSTRUCTION AND CONSTRUCTING HMA BASE COURSE TO REINFORCE US 136/ RAMP D'S SHOULDER FOR STAGE CONSTRUCTION TRAFFIC

STAGE I:
CONSISTS OF CONCRETE MEDIAN RECONSTRUCTION FROM STA 35+13 TO STA 37+39

STAGE II:
CONSISTS OF A CONCRETE MICROSILICA OVERLAY & JOINT REPLACEMENT ON THE SOUTH SIDE OF SN 054-0079

STAGE III:
CONSISTS OF A CONCRETE MICROSILICA OVERLAY & JOINT REPLACEMENT ON THE NORTH SIDE OF SN 054-0079

- * B- TEMPORARY TRAFFIC BARRIER TERMINAL, TY 1 TANGENT (SPECIAL) - 1 EA
- C- TEMPORARY TRAFFIC BARRIER TERMINAL, TY 6 - 1 EA



- * B- TEMPORARY TRAFFIC BARRIER TERMINAL, TY 1 TANGENT (SPECIAL) - 1 EA
- C- TEMPORARY TRAFFIC BARRIER TERMINAL, TY 6 - 1 EA

TRAFFIC CONTROL NOTES:

WHEN CONSTRUCTION ACTIVITY HAS CEASED FOR THE DAY, THE CONTRACTOR SHALL PULL THE DRUMS INWARD TOWARD THE CENTER MEDIAN TO ALLOW TRAFFIC TO UTILIZE THE EB/WB THRU LANES.

THE CONTRACTOR SHALL USE A 3/4" MINIMUM STEEL PLATE TO COVER THE CONCRETE REMOVAL LIMITS OF THE PROFORMED STRIP SEALS WHEN WORK ACTIVITIES HAVE CEASED FOR THE DAY.

PAVED SHOULDER REMOVAL
44004250

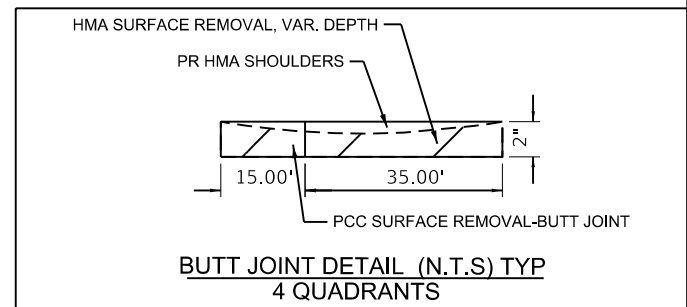
STA. 31+20.93 TO STA. 31+81.56 = 67.45 SQ YD
TOTAL = 67.45 SQ YD

EARTH EXCAVATION
20200100

STA. 31+24.90 TO STA. 31+40.42 = 4.25 CU YD
TOTAL = 4.25 CU YD

HMA BASE COURSE 10"
35501324

STA. 31+20.93 TO STA. 31+81.56 = 74.4 SQ YD
TOTAL = 74.4 SQ YD



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DATE: 1/31/2020

USER NAME = TANJO	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/31/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE I TRAFFIC & CONTROL PROTECTION STD
701316 (SPECIAL)

SCALE: 1"=50' SHEET 1 OF 9 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	45
CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				

WORK AREA

SIGN

TRAFFIC SIGNAL

DRUM

SYMBOLS

DRUM WITH STEADY BURN BI-DIRECTIONAL LIGHT

CRYSTAL, BIDIRECTIONAL GUARDRAIL/BARRIER WALL REFLECTOR

TYPE III BARRICADE WITH FLASHING LIGHTS

TEMPORARY RUMBLE STRIP

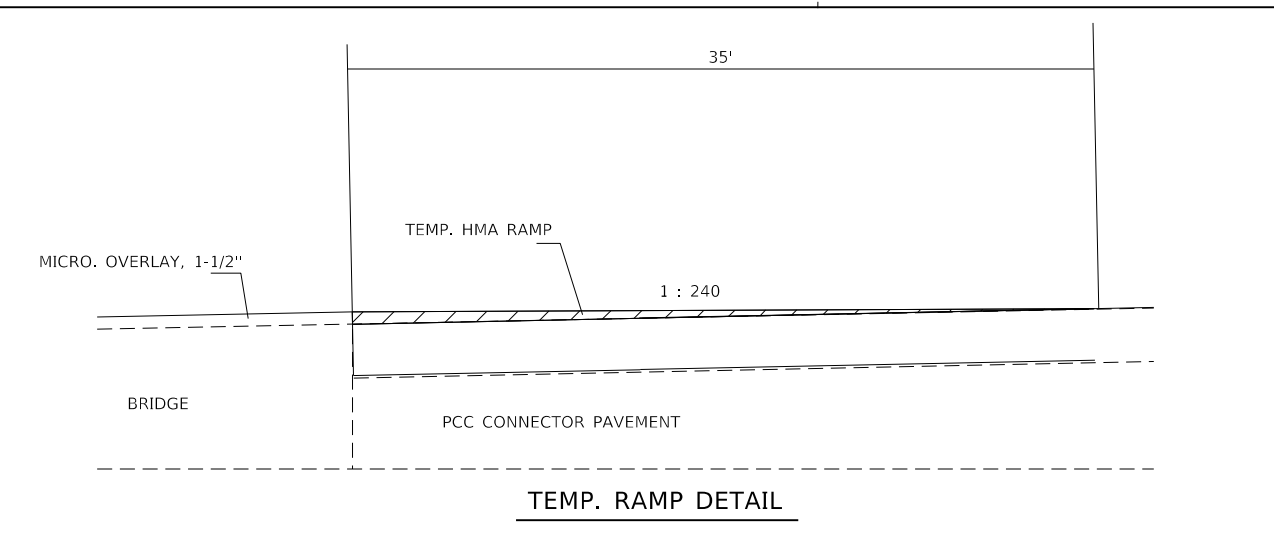
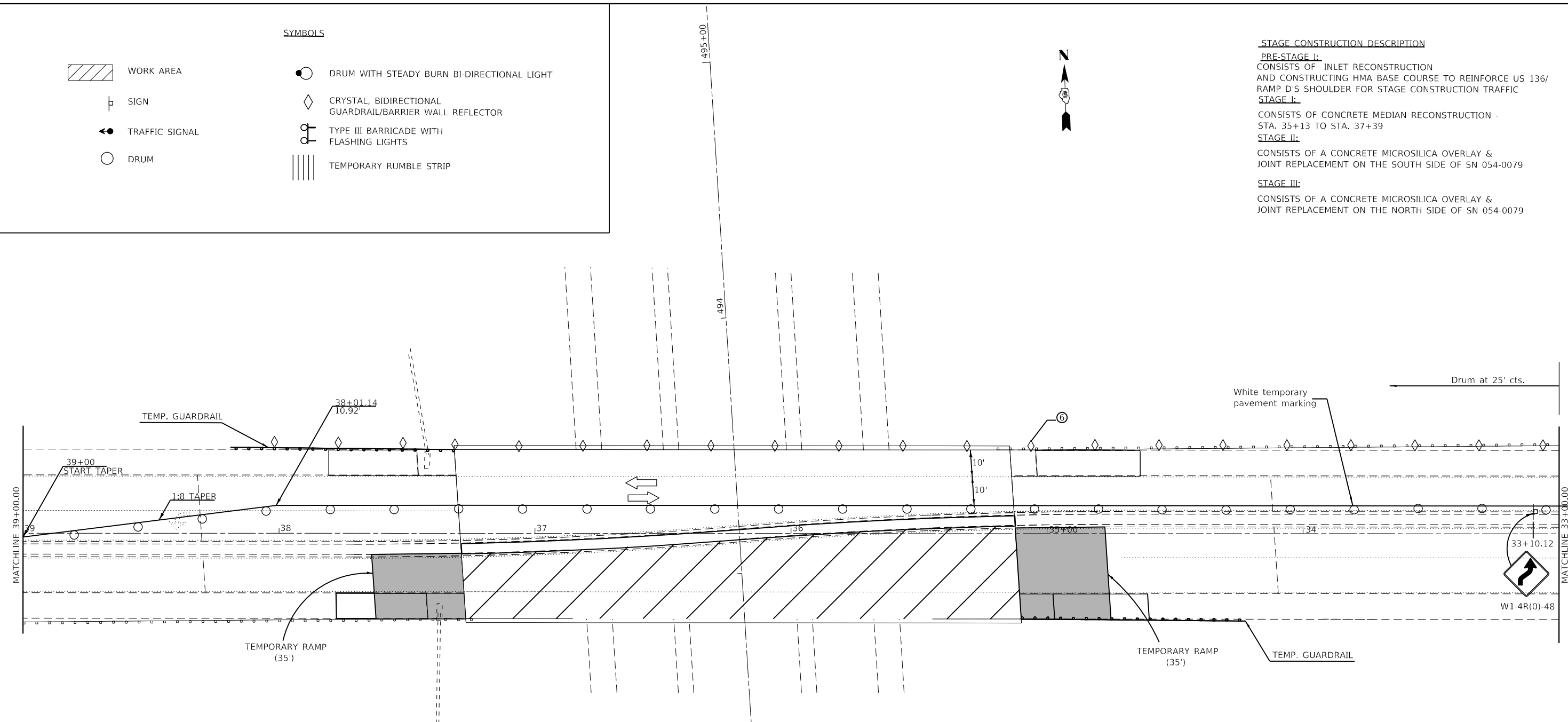
STAGE CONSTRUCTION DESCRIPTION

PRE-STAGE I:
CONSISTS OF INLET RECONSTRUCTION AND CONSTRUCTING HMA BASE COURSE TO REINFORCE US 136/ RAMP D'S SHOULDER FOR STAGE CONSTRUCTION TRAFFIC

STAGE I:
CONSISTS OF CONCRETE MEDIAN RECONSTRUCTION - STA. 35+13 TO STA. 37+39

STAGE II:
CONSISTS OF A CONCRETE MICROSILICA OVERLAY & JOINT REPLACEMENT ON THE SOUTH SIDE OF SN 054-0079

STAGE III:
CONSISTS OF A CONCRETE MICROSILICA OVERLAY & JOINT REPLACEMENT ON THE NORTH SIDE OF SN 054-0079



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	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/18/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE II TRAFFIC CONTROL & PROTECTION
STD 701316 (SPECIAL)

SCALE: SHEET 3 OF 9 SHEETS STA. 33+00 TO STA. 39+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	47
CONTRACT NO. 72E00			ILLINOIS FED. AID PROJECT	

STAGE CONSTRUCTION DESCRIPTION

PRE-STAGE I:

CONSISTS OF INLET RECONSTRUCTION AND CONSTRUCTING HMA BASE COURSE TO REINFORCE US 136/ RAMP D'S SHOULDER FOR STAGE CONSTRUCTION TRAFFIC

STAGE I:

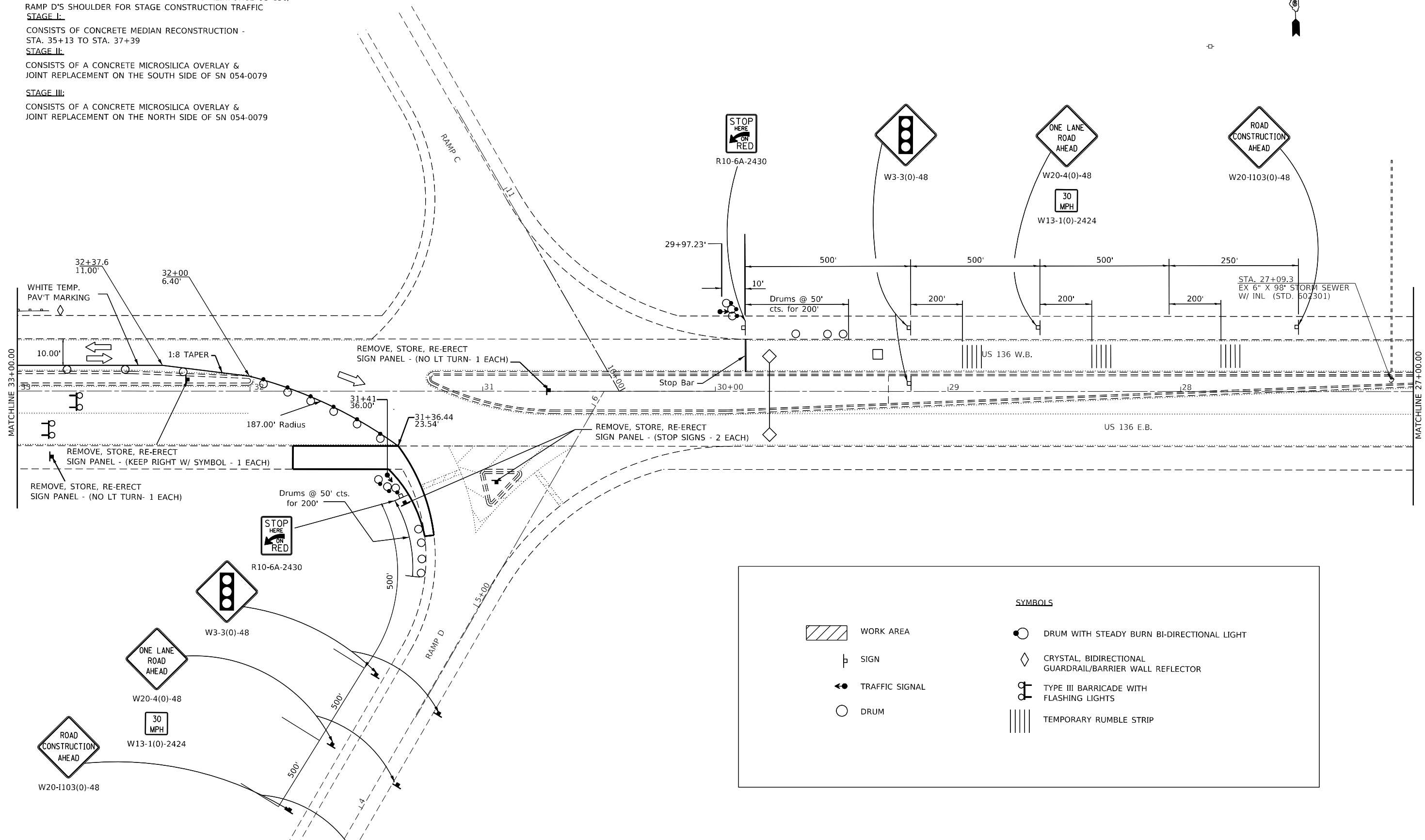
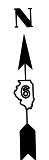
CONSISTS OF CONCRETE MEDIAN RECONSTRUCTION - STA. 35+13 TO STA. 37+39

STAGE II:

CONSISTS OF A CONCRETE MICROSILICA OVERLAY & JOINT REPLACEMENT ON THE SOUTH SIDE OF SN 054-0079

STAGE III:

CONSISTS OF A CONCRETE MICROSILICA OVERLAY & JOINT REPLACEMENT ON THE NORTH SIDE OF SN 054-0079



SYMBOLS

	WORK AREA		DRUM WITH STEADY BURN BI-DIRECTIONAL LIGHT
	SIGN		CRYSTAL, BIDIRECTIONAL GUARDRAIL/BARRIER WALL REFLECTOR
	TRAFFIC SIGNAL		TYPE III BARRICADE WITH FLASHING LIGHTS
	DRUM		TEMPORARY RUMBLE STRIP

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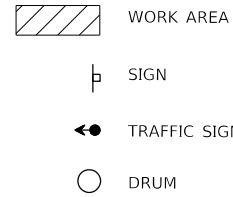
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

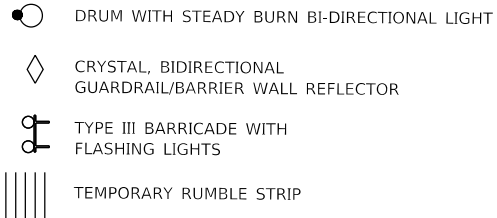
**STAGE II TRAFFIC CONTROL & PROTECTION
STD 701316 (SPECIAL)**

SCALE: SHEET 4 OF 9 SHEETS STA. 27+00 TO STA. 33+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	48
CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				



SYMBOLS



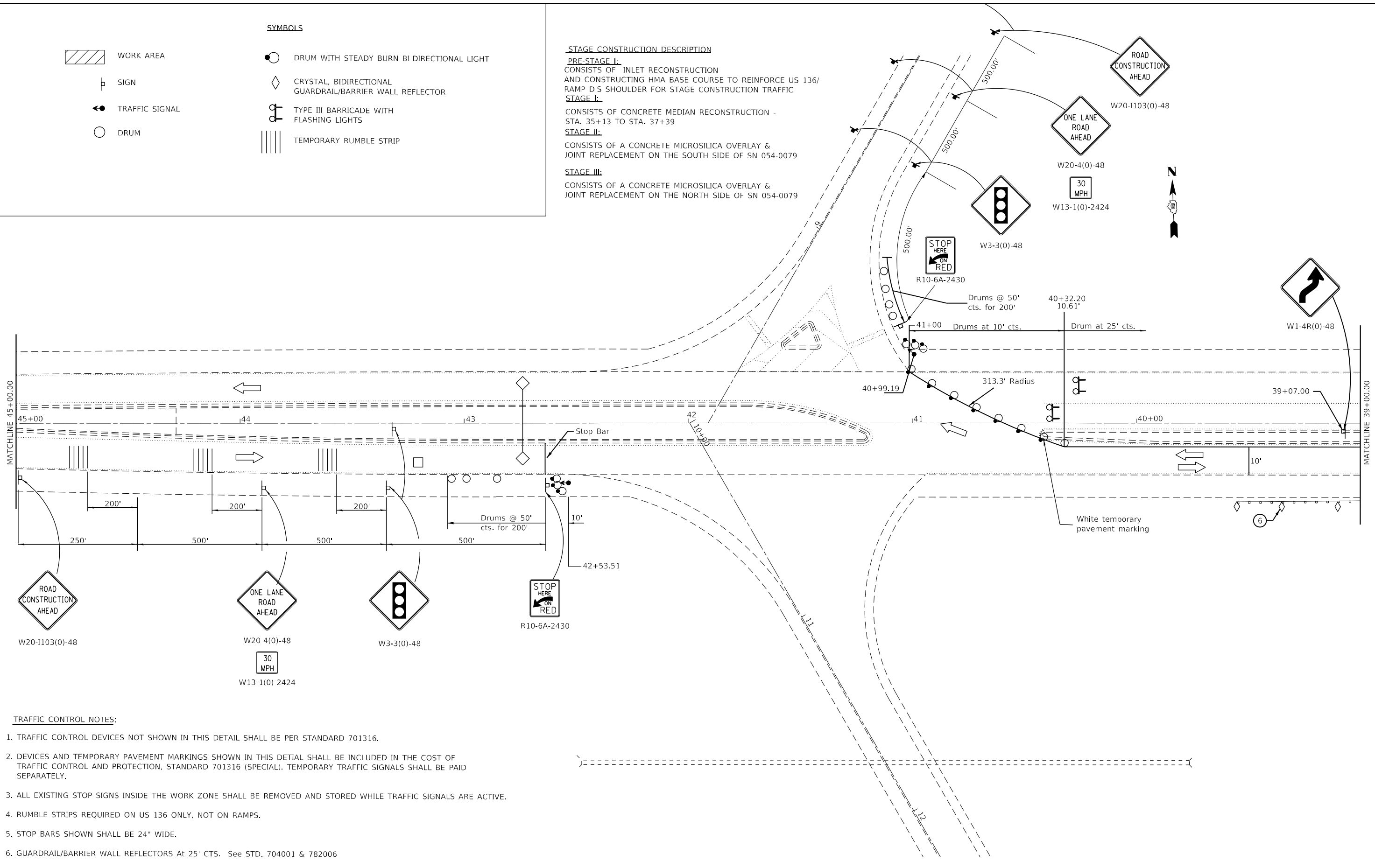
STAGE CONSTRUCTION DESCRIPTION

PRE-STAGE I:
CONSISTS OF INLET RECONSTRUCTION AND CONSTRUCTING HMA BASE COURSE TO REINFORCE US 136/ RAMP D'S SHOULDER FOR STAGE CONSTRUCTION TRAFFIC

STAGE I:
CONSISTS OF CONCRETE MEDIAN RECONSTRUCTION - STA. 35+13 TO STA. 37+39

STAGE II:
CONSISTS OF A CONCRETE MICROSILICA OVERLAY & JOINT REPLACEMENT ON THE SOUTH SIDE OF SN 054-0079

STAGE III:
CONSISTS OF A CONCRETE MICROSILICA OVERLAY & JOINT REPLACEMENT ON THE NORTH SIDE OF SN 054-0079



TRAFFIC CONTROL NOTES:

1. TRAFFIC CONTROL DEVICES NOT SHOWN IN THIS DETAIL SHALL BE PER STANDARD 701316.
2. DEVICES AND TEMPORARY PAVEMENT MARKINGS SHOWN IN THIS DETAIL SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION. STANDARD 701316 (SPECIAL). TEMPORARY TRAFFIC SIGNALS SHALL BE PAID SEPARATELY.
3. ALL EXISTING STOP SIGNS INSIDE THE WORK ZONE SHALL BE REMOVED AND STORED WHILE TRAFFIC SIGNALS ARE ACTIVE.
4. RUMBLE STRIPS REQUIRED ON US 136 ONLY, NOT ON RAMPS.
5. STOP BARS SHOWN SHALL BE 24" WIDE.
6. GUARDRAIL/BARRIER WALL REFLECTORS At 25' CTS. See STD. 704001 & 782006

MODEL: Sheet_49
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PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/31/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGE III - TRAFFIC CONTROL & PROTECTION
STD 701316 (SPECIAL)**

SCALE: SHEET 5 OF 9 SHEETS STA. 39+00 TO STA. 45+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	49
CONTRACT NO. 72E00			ILLINOIS FED. AID PROJECT	

(116)RS-6(117)RS-9(54-10)BDR-1

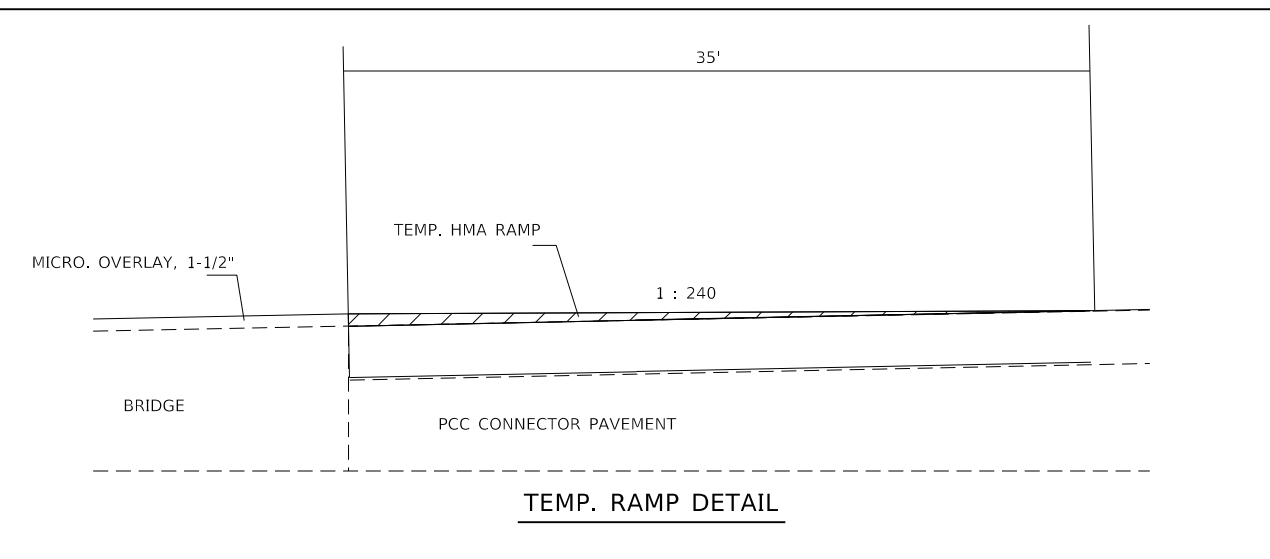
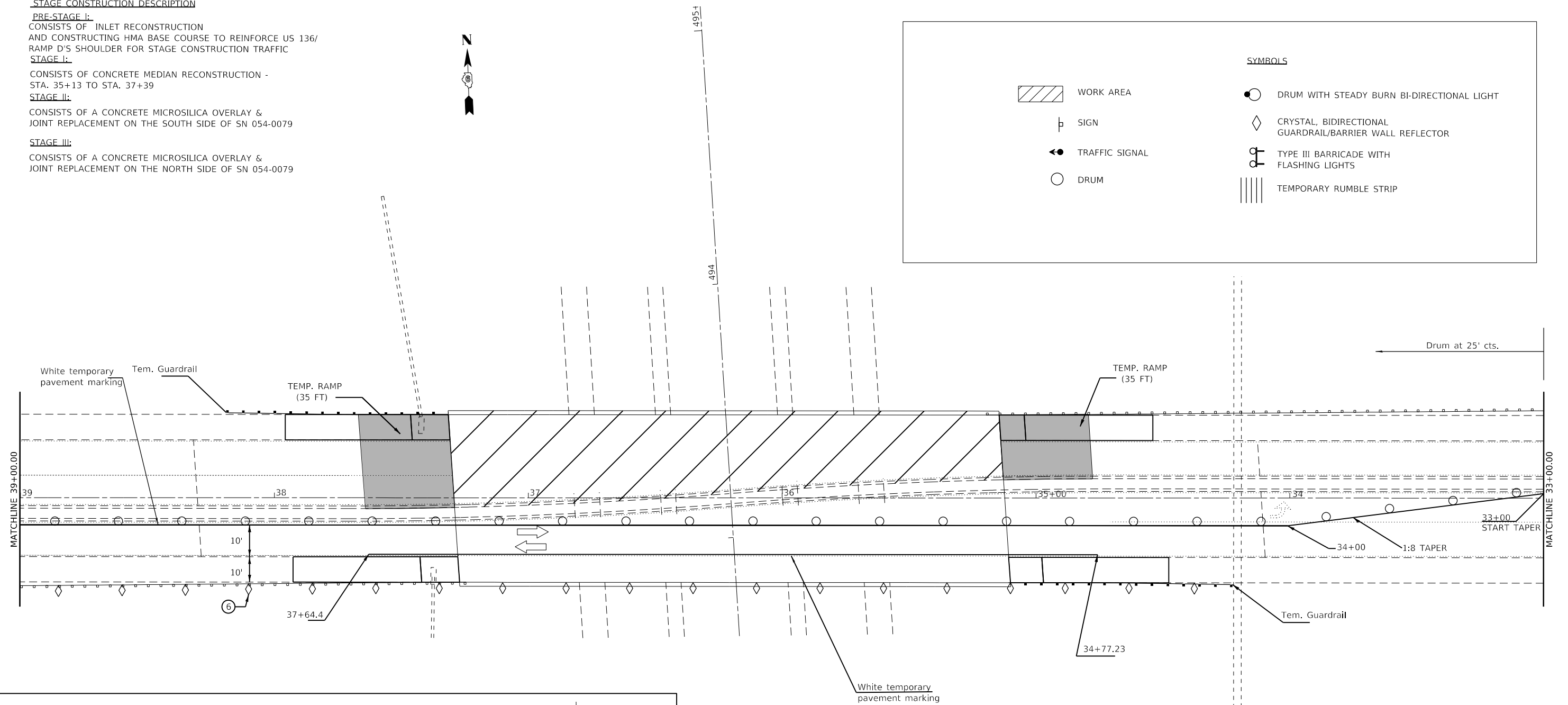
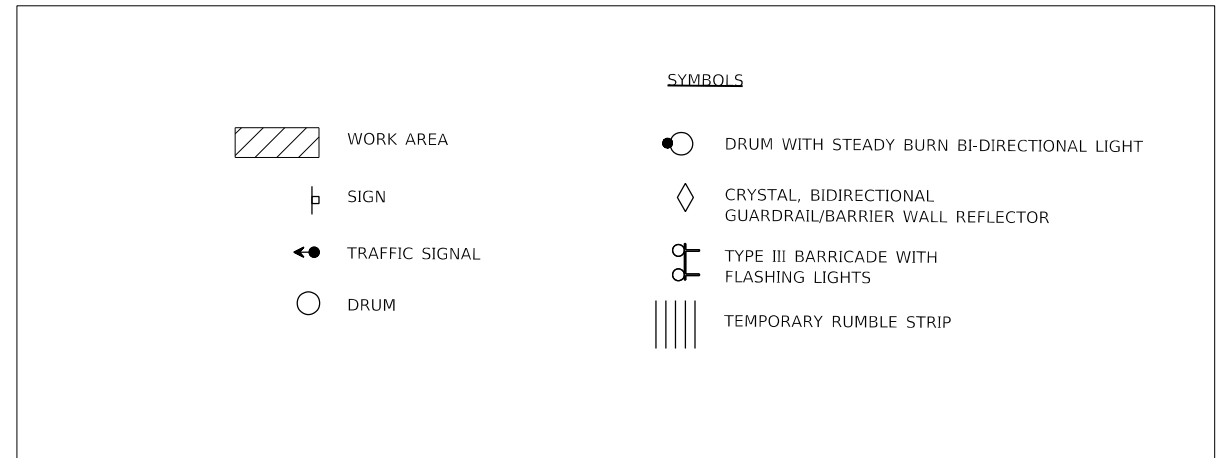
STAGE CONSTRUCTION DESCRIPTION

PRE-STAGE I:
 CONSISTS OF INLET RECONSTRUCTION
 AND CONSTRUCTING HMA BASE COURSE TO REINFORCE US 136/
 RAMP D'S SHOULDER FOR STAGE CONSTRUCTION TRAFFIC

STAGE I:
 CONSISTS OF CONCRETE MEDIAN RECONSTRUCTION -
 STA. 35+13 TO STA. 37+39

STAGE II:
 CONSISTS OF A CONCRETE MICROSILICA OVERLAY &
 JOINT REPLACEMENT ON THE SOUTH SIDE OF SN 054-0079

STAGE III:
 CONSISTS OF A CONCRETE MICROSILICA OVERLAY &
 JOINT REPLACEMENT ON THE NORTH SIDE OF SN 054-0079



NOTE

PERMANENT WHITE MARK EDGING TO BE ADDED FROM TEMP. RAMP TO TEMP RAMP PRIOR TO OPENING LANE TO TRAFFIC FOR BOTH STAGES II AND III.

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DRAWN -	REVISOR -	REVISIONS -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISOR -
PLOT DATE = 2/18/2020	DATE -	REVISIONS -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**STAGE III TRAFFIC CONTROL & PROTECTION
 STD 701316 (SPECIAL)**

SCALE: SHEET OF 9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	50
CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				

(116)RS-6(117)RS-9(54-10)BDR-1

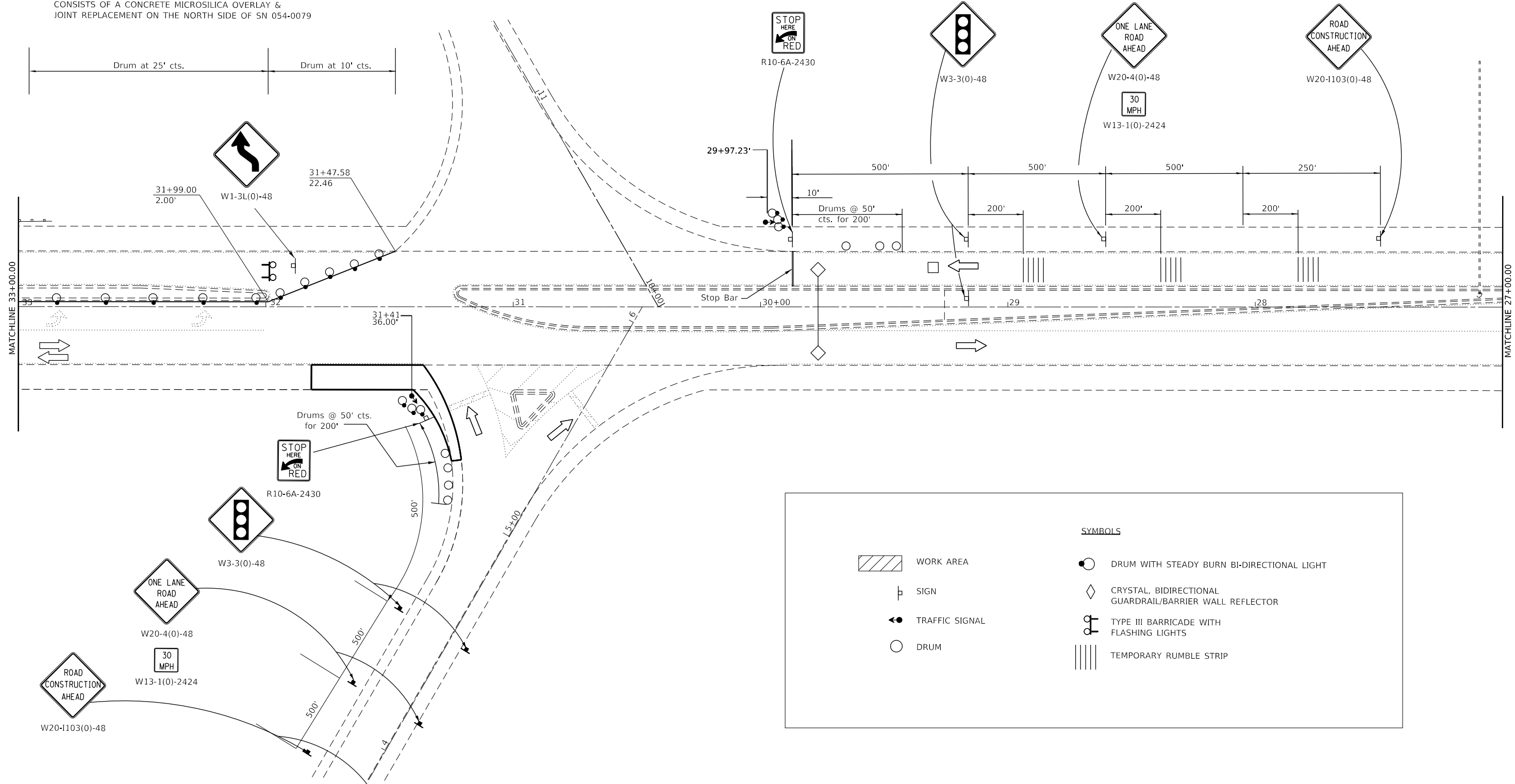
STAGE CONSTRUCTION DESCRIPTION

PRE-STAGE I:
 CONSISTS OF INLET RECONSTRUCTION
 AND CONSTRUCTING HMA BASE COURSE TO REINFORCE US 136/
 RAMP D'S SHOULDER FOR STAGE CONSTRUCTION TRAFFIC

STAGE I:
 CONSISTS OF CONCRETE MEDIAN RECONSTRUCTION -
 STA. 35+13 TO STA. 37+39

STAGE II:
 CONSISTS OF A CONCRETE MICROSILICA OVERLAY &
 JOINT REPLACEMENT ON THE SOUTH SIDE OF SN 054-0079

STAGE III:
 CONSISTS OF A CONCRETE MICROSILICA OVERLAY &
 JOINT REPLACEMENT ON THE NORTH SIDE OF SN 054-0079



SYMBOLS

	WORK AREA		DRUM WITH STEADY BURN BI-DIRECTIONAL LIGHT
	SIGN		CRYSTAL, BIDIRECTIONAL GUARDRAIL/BARRIER WALL REFLECTOR
	TRAFFIC SIGNAL		TYPE III BARRICADE WITH FLASHING LIGHTS
	DRUM		TEMPORARY RUMBLE STRIP

MODEL: Sheet 51
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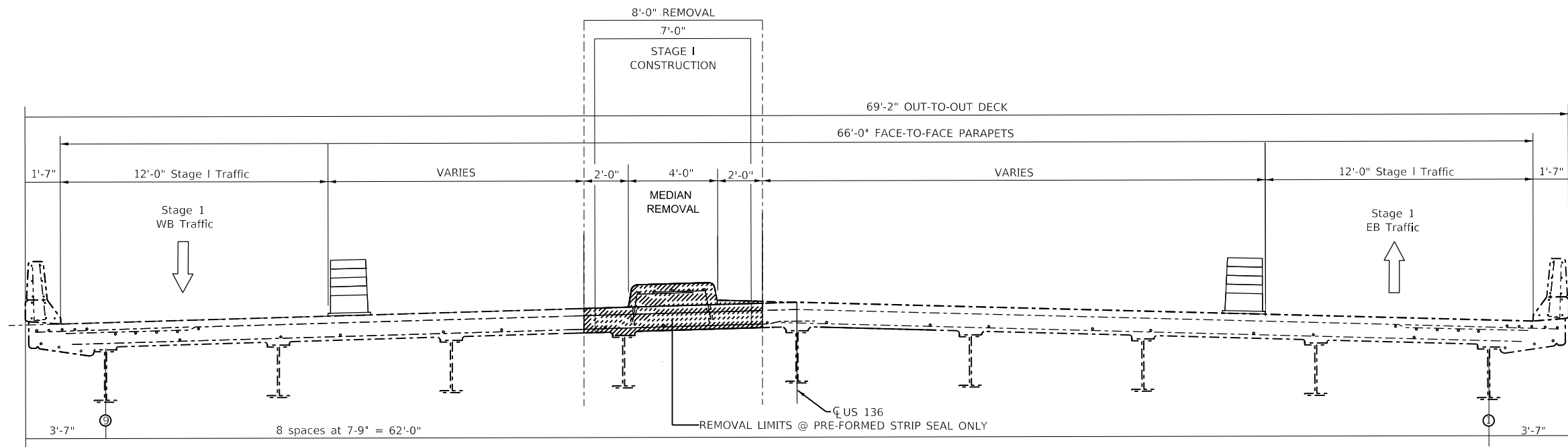
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PLOT SCALE = 40,0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 1/31/2020	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 1001 N. STATE ST. SPRINGFIELD, IL 62762-1000

STAGE III TRAFFIC CONTROL & PROTECTION
STD 701316 (SPECIAL)

SCALE: SHEET 7 OF 9 SHEETS STA. 27+00 TO STA. 33+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	51
CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				



STAGE I TYPICAL SECTION LOOKING WEST

NOTES

WHEN CONSTRUCTION ACTIVITY HAS CEASED FOR THE DAY, THE CONTRACTOR SHALL PULL DRUMS INWARD TOWARD THE CENTER MEDIAN TO ALLOW TRAFFIC TO UTILIZE THE EB/WB THRU LANES.

THE CONTRACTOR SHALL USE A 3/4" MINIMUM STEEL PLATE TO COVER THE CONCRETE REMOVAL LIMITS OF THE PREFORMED STRIP SEALS WHEN WORK ACTIVITIES HAVE CEASED FOR THE DAY.

MODEL: Sheets 52-53
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 PROJECT NO: 72E00
 SHEET NO: 8 OF 9
 DATE: 2/18/2020

USER NAME = nosakherenk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/18/2020	DATE -	REVISED -

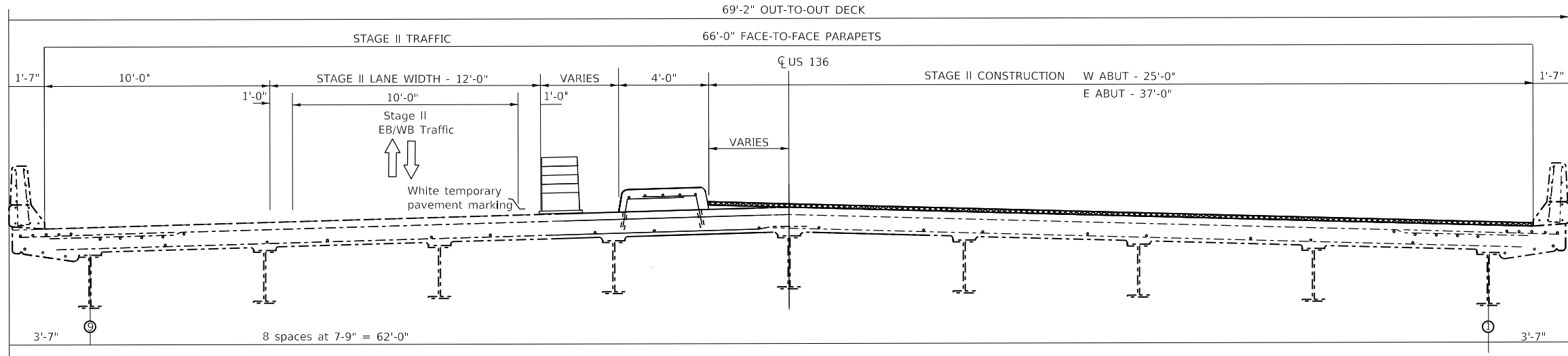
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC CONTROL CORSS SECTIONS

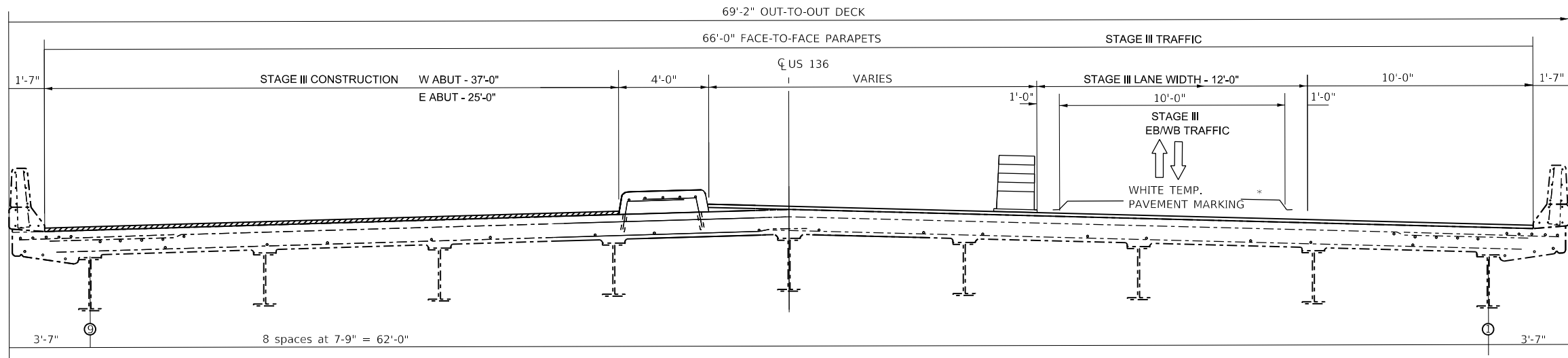
SCALE: SHEET 8 OF 9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	52
CONTRACT NO. 72E00				
		ILLINOIS	FED. AID PROJECT	

(116)RS-6(117)RS-9(54-10)BDR-1



STAGE II TYPICAL SECTION LOOKING WEST



STAGE III TYPICAL SECTION LOOKING WEST

NOTE

* PAV'T MARKING FROM START OF TEMP. RAMP TO END OF TEMP. RAMP

MODEL: Sheets 31-33
 FILE NAME: p:\highway\mtd\illinois\pvt\pvt\DOT\Documents\DOT_Offices\Bartlett_B\Projects\DEZ7E00\CADD\Drawings\72E00-shd-bridge_staging_II_and_III.dgn

USER NAME = nosakherenk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/18/2020	DATE -	REVISED -

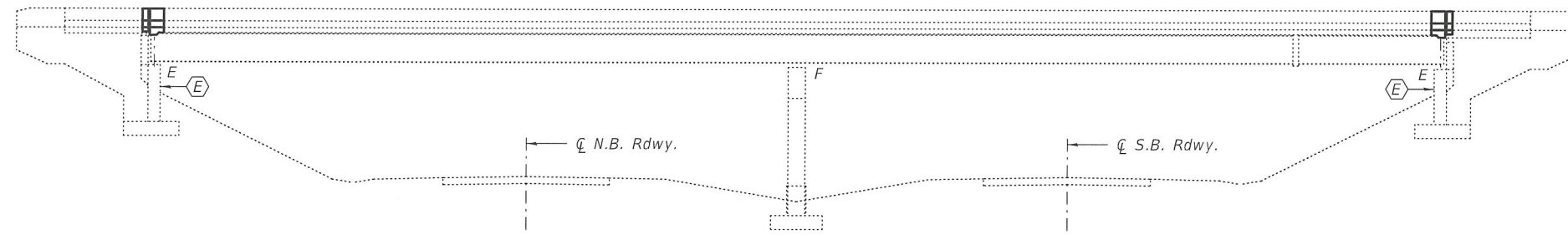
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC CONTROL CORSS SECTIONS

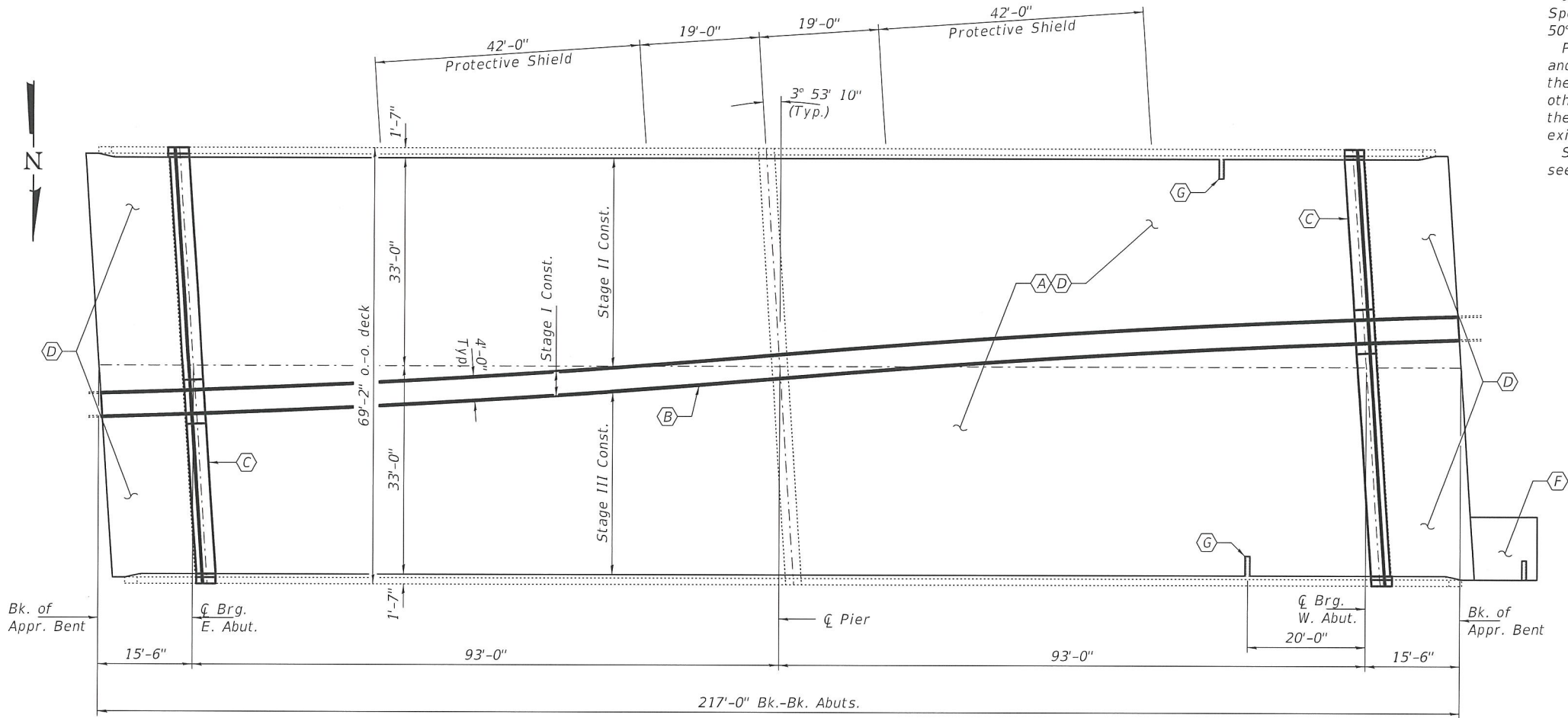
SCALE: SHEET 9 OF 9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	53
CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				

(116)RS-6(117)RS-9(54-10)BDR-1



ELEVATION



PLAN

GENERAL NOTES

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

Reinforcement bars designated (E) shall be epoxy coated.

Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost included with Concrete Removal.

Joint openings shall be adjusted according to Article 520.04 of the Standard Specifications when the deck is poured at an ambient temperature other than 50° F.

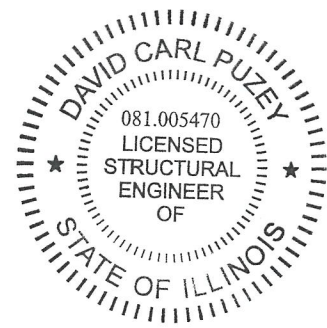
Prior to pouring the new concrete deck, all heavy or loose rust, loose mill scale, and other loose or potentially detrimental foreign material shall be removed from the surfaces in contact with concrete. Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be included in the pay item covering removal of the existing concrete.

Synthetic fibers shall be added to the Microsilica Bridge Deck Concrete Overlay, see Special Provisions.

TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	28.9
Concrete Superstructure	Cu. Yd.	28.9
Reinforcement Bars, Epoxy Coated	Pound	4570
Preformed Joint Strip Seal	Foot	137
Bridge Deck Microsilica Concrete Overlay 2 1/4"	Sq. Yd.	1540
Bridge Deck Scarification 3/4"	Sq. Yd.	1540
Bridge Deck Grooving	Sq. Yd.	1490
Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	22.8
Protective Coat	Sq. Yd.	1616
Bar Splicers	Each	40
Protective Shield	Sq. Yd.	646
Controlled Low Strength Material	Cu. Yd.	2.0
Structural Repair of Concrete (Depth ≤ 5")	Sq. Ft.	63
Drainage Scuppers to be Adjusted	Each	2

* On new concrete adjacent to joints, concrete overlay and median.



EXPIRES 11-30-2020

- (A) - Isolated Full Depth Patching
- (B) - Remove and replace raised median.
- (C) - Remove and replace expansion joint with Preformed Joint Strip Seal.
- (D) - Hydroscarify 3/4" of existing deck & approach spans and install 2 1/4" Microsilica Concrete Overlay.
- (E) - Substructure concrete repairs.
- (F) - Controlled Low Strength Material under shoulder.
- (G) - Scupper Adjustment

DESIGNED - Chi-Cheung Chau
 CHECKED - Stephen M. Ryan
 DRAWN - daburdell
 CHECKED - CCC SMR

EXAMINED
 PASSED
 ENGINEER OF BRIDGES AND STRUCTURES

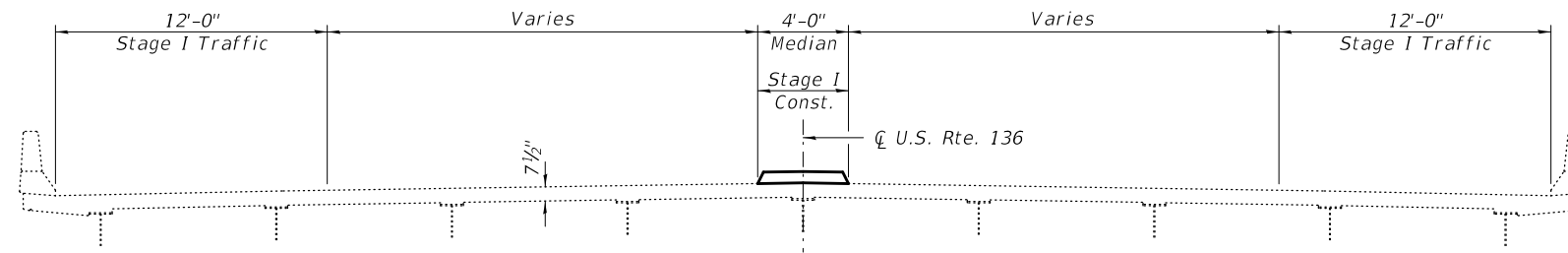
DATE - MARCH 23, 2020
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

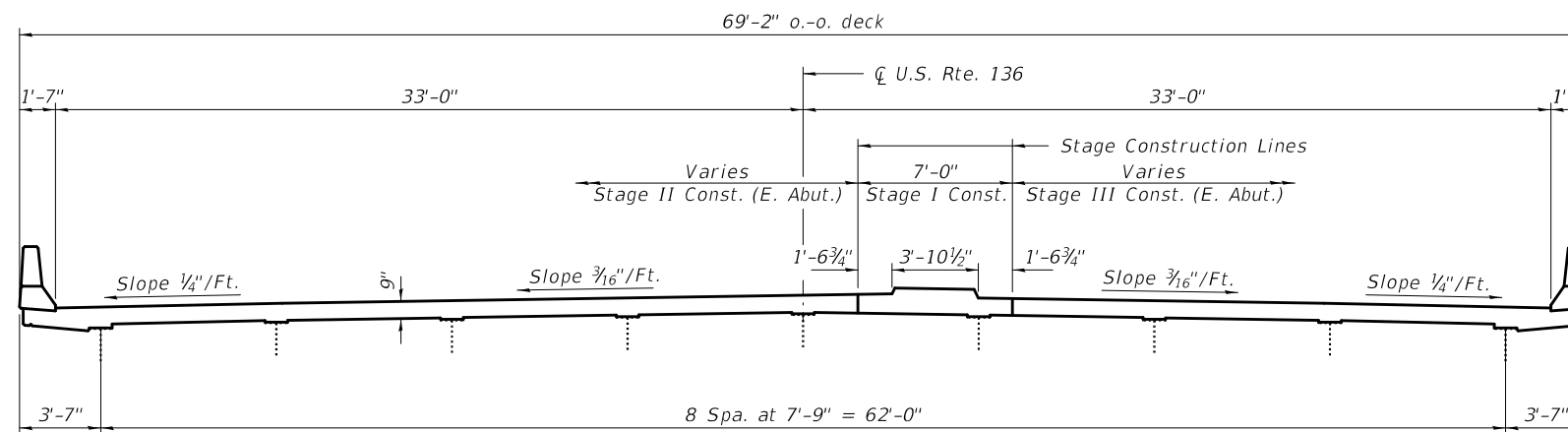
GENERAL PLAN AND ELEVATION
 FAP 315 (US 136) OVER I-155
 SN 054-0079

SHEET NO. 1 OF 10 SHEETS

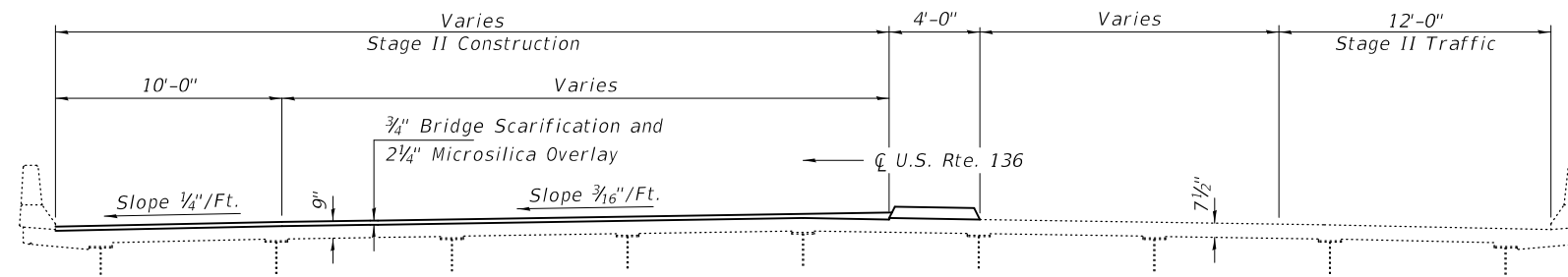
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(116)RS-6(117)RS-9(54-10)BDR-1	LOGAN	94	54
CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				



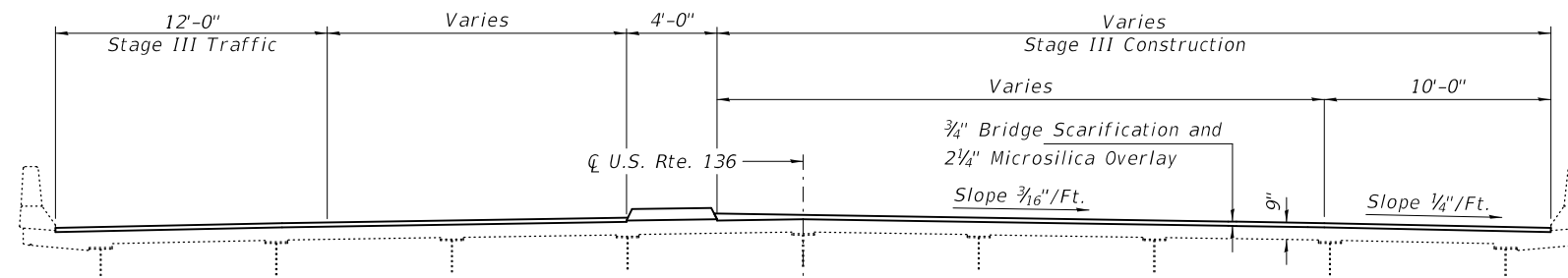
CROSS SECTION - STAGE I
(Looking West at \bar{C} Pier)



CROSS SECTION AT EAST ABUTMENT
(Looking West)
(West Abutment similar.)



CROSS SECTION - STAGE II OVERLAY
(Looking West)



CROSS SECTION - STAGE III OVERLAY
(Looking West)

Notes:
See sheet 4 & 5 of 10 for median removal and replacement details.
See sheet 6 & 7 of 10 for joint removal and replacement details.

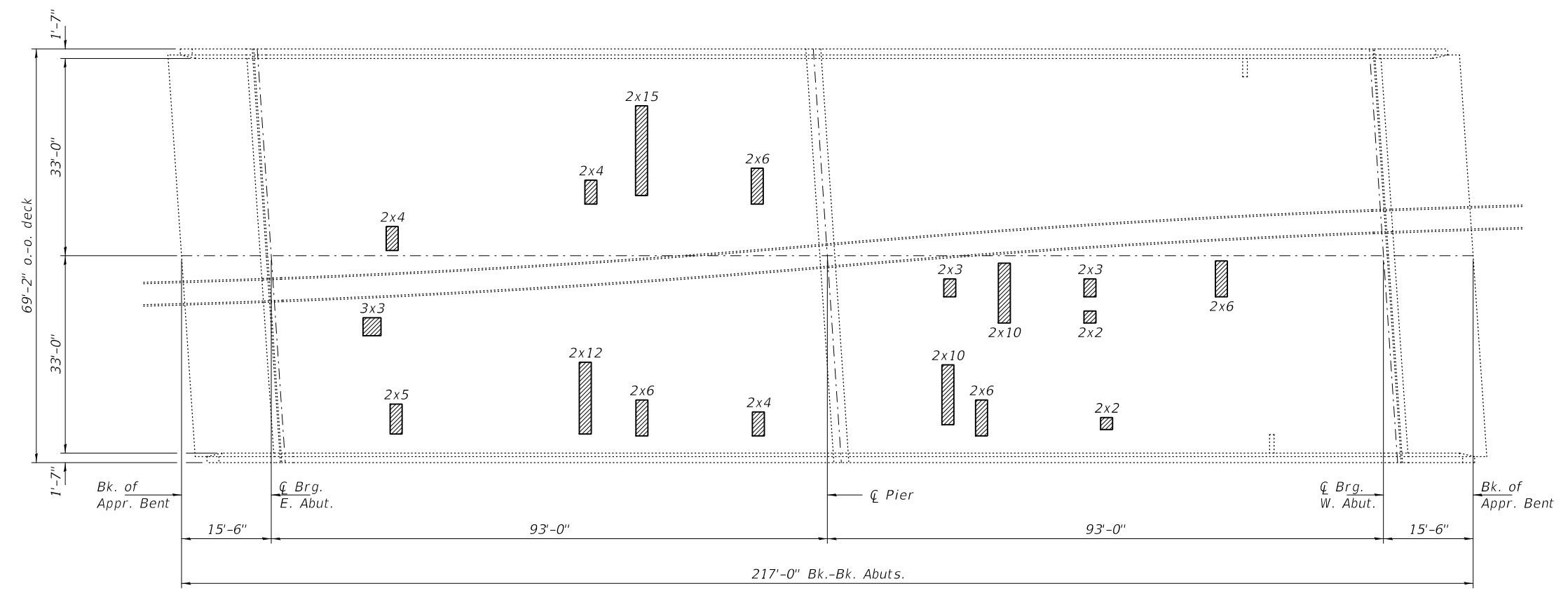
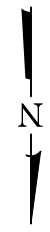
DESIGNED - CCC	EXAMINED	DATE - MARCH 23, 2020
CHECKED - SMR	<i>Timothy A. Daburdell</i> ENGINEER OF STRUCTURAL SERVICES	REVISED -
DRAWN - <i>daburdell</i>	PASSED	REVISED -
CHECKED - CCC SMR	<i>Carl Ringer</i> ENGINEER OF BRIDGES AND STRUCTURES	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE CONSTRUCTION DETAILS
SN 054-0079

SHEET NO. 2 OF 10 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(116)RS-6(117)RS-9(54-10)BDR-1	LOGAN	94	55
CONTRACT NO. 72E00				
ILLINOIS		FED. AID PROJECT		



PLAN

Notes:
 Hatched area indicates Deck Slab Repair (Full Depth, Type II).
 Actual location and size of patches to be determined by the Engineer in the field.

BILL OF MATERIAL

Item	Unit	Total
Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	22.8

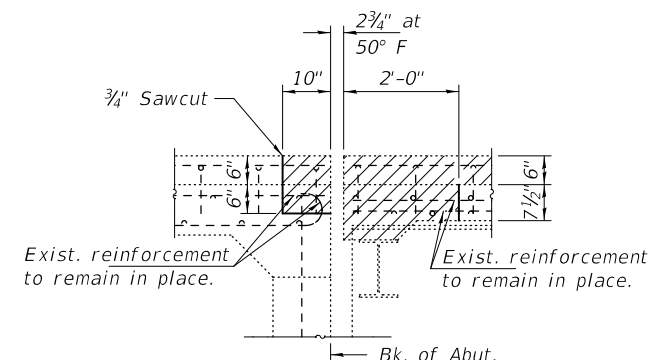
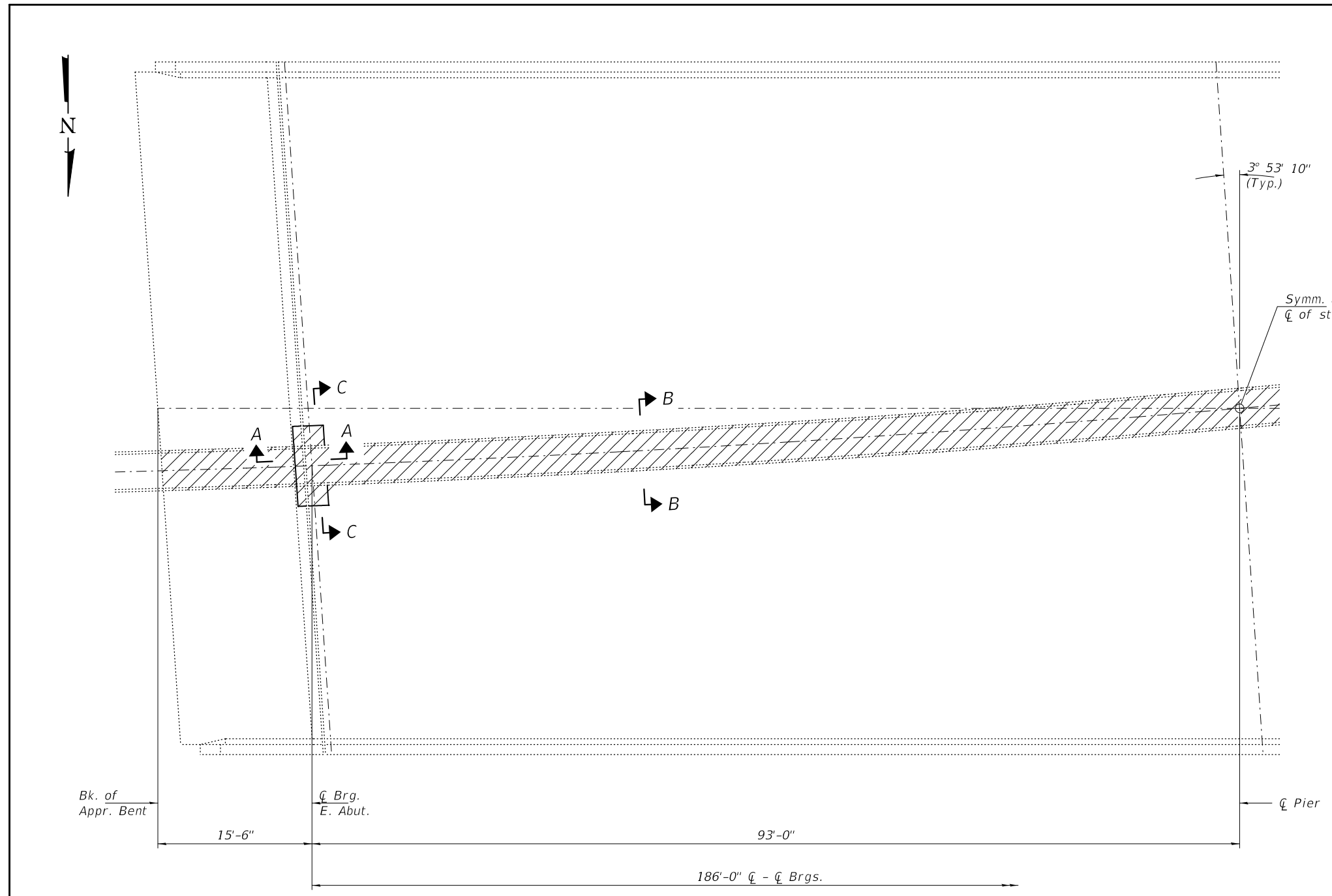
DESIGNED - CCC	EXAMINED	DATE - MARCH 23, 2020
CHECKED - SMR	<i>Timothy A. Daburdell</i> ENGINEER OF STRUCTURAL SERVICES	REVISED -
DRAWN - <i>daburdell</i>	PASSED	REVISED -
CHECKED - CCC SMR	<i>Carl Ringer</i> ENGINEER OF BRIDGES AND STRUCTURES	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

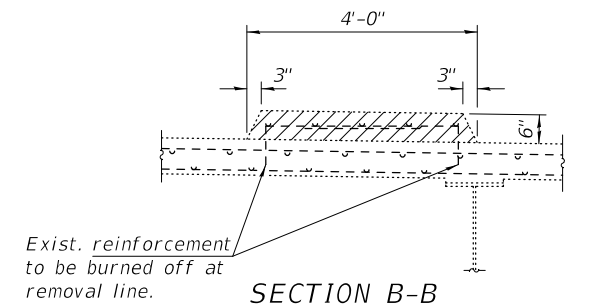
DECK SLAB REPAIR
 SN 054-0079

SHEET NO. 3 OF 10 SHEETS

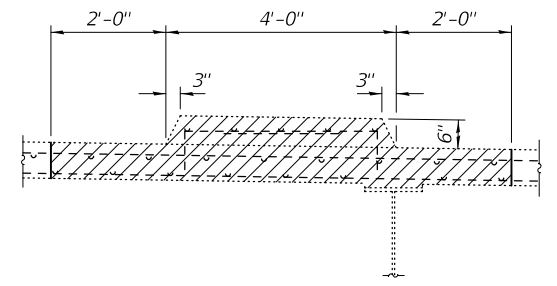
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(116)RS-6(117)RS-9(54-10)BDR-1	LOGAN	94	56
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72E00	



SECTION A-A



SECTION B-B



SECTION C-C

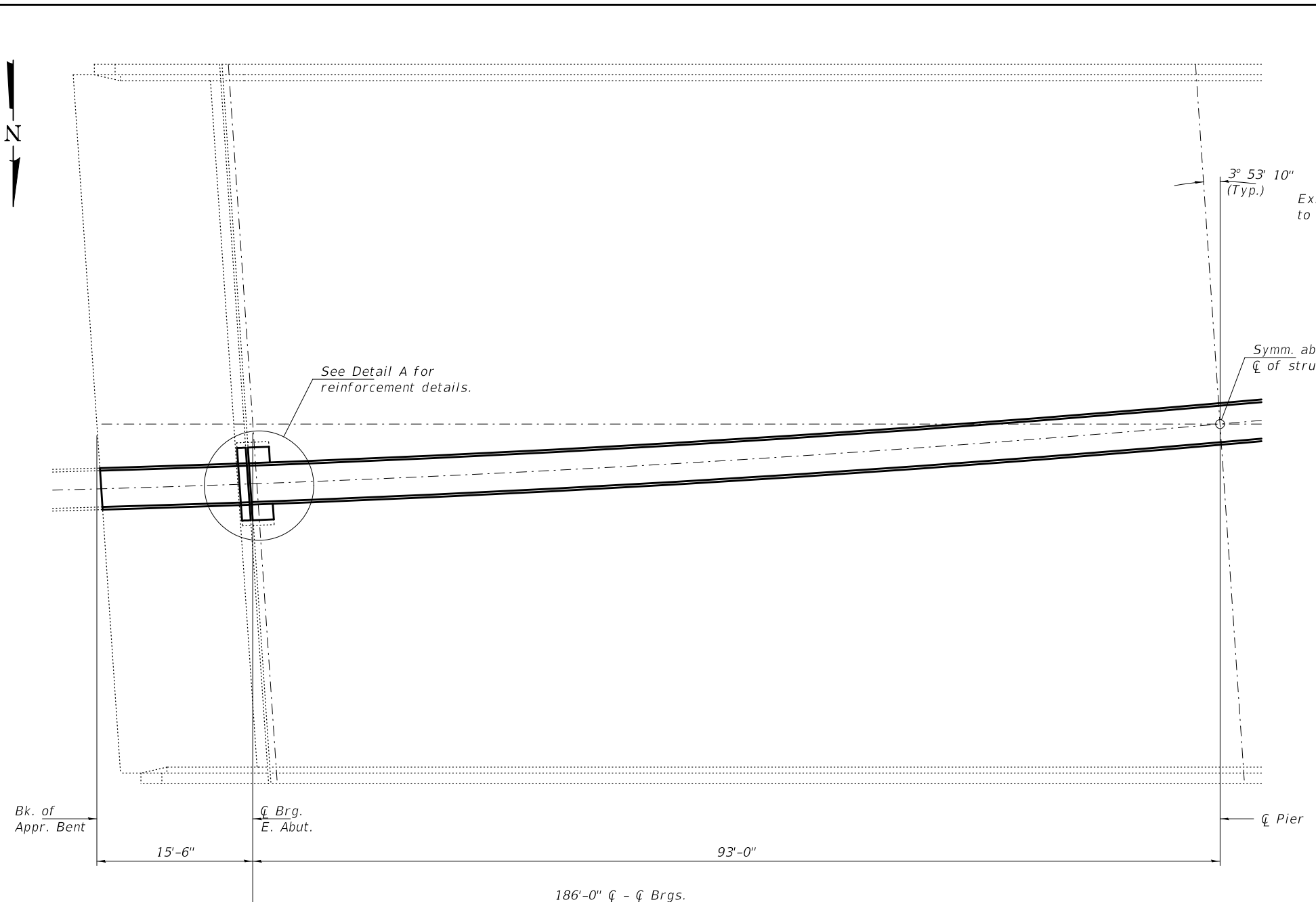
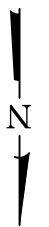
PARTIAL PLAN MEDIAN REMOVAL

DESIGNED - CCC	EXAMINED	DATE - MARCH 23, 2020
CHECKED - SMR	<i>Timothy A. Daburdell</i> ENGINEER OF STRUCTURAL SERVICES	REVISED -
DRAWN - <i>daburdell</i>	PASSED	REVISED -
CHECKED - CCC SMR	<i>Carl R. Meyer</i> ENGINEER OF BRIDGES AND STRUCTURES	

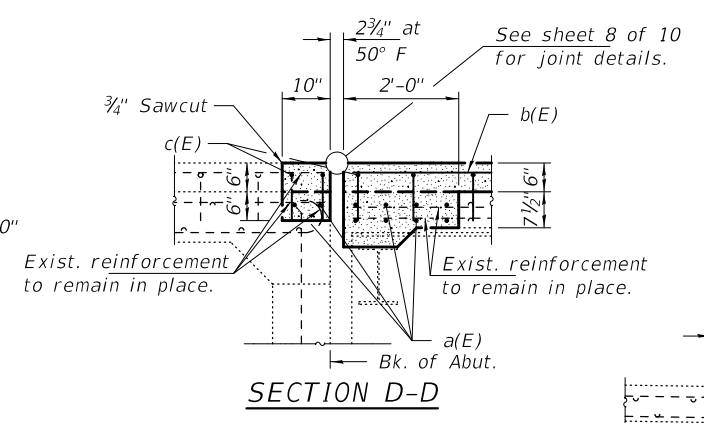
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MEDIAN REMOVAL AND REPLACEMENT DETAILS
SN 054-0079**

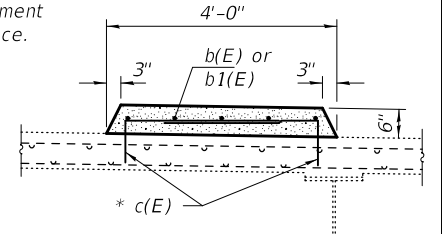
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(116)RS-6(117)RS-9(54-10)BDR-1	LOGAN	94	57
CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				



PARTIAL PLAN REPLACEMENT DETAILS
(East Abut. shown, West similar by mirroring)

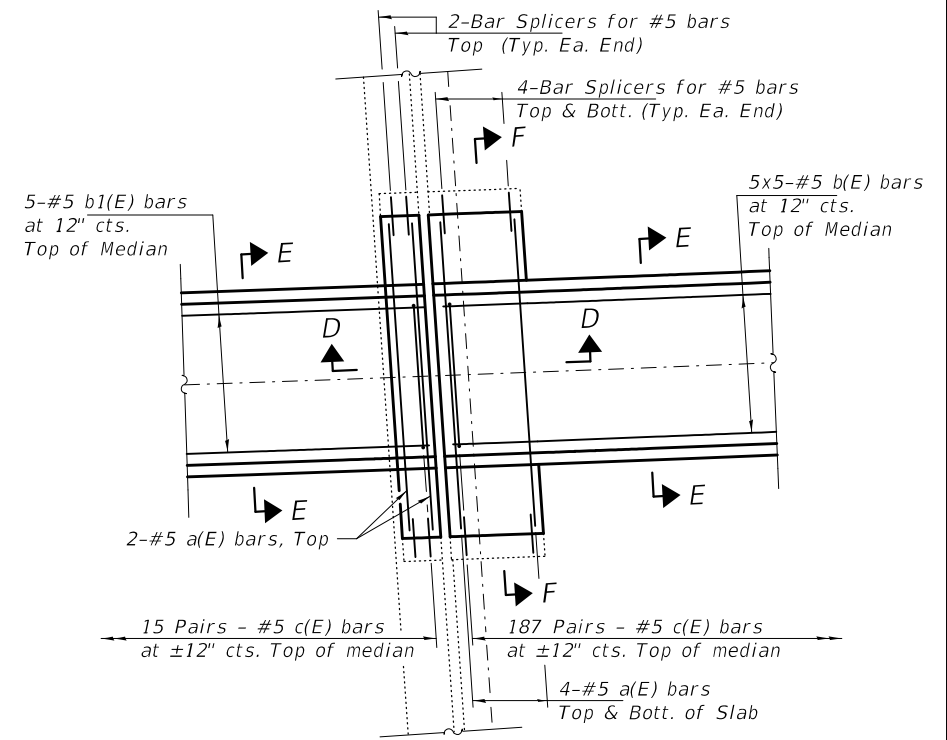


SECTION D-D

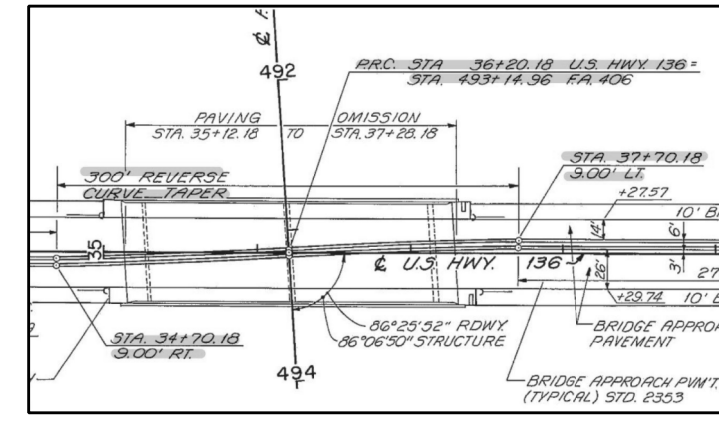


SECTION E-E

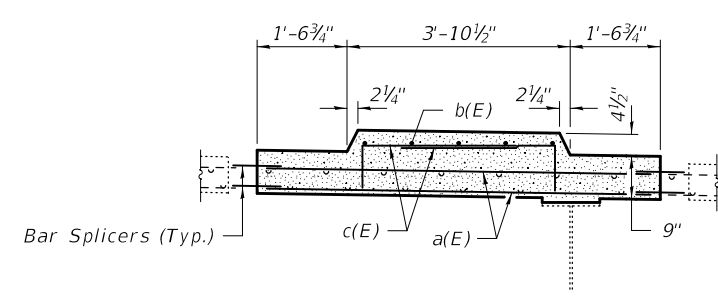
* Epoxy grout c(E) bars in 6" min. holes according to Article 584 of the Standard Specifications.



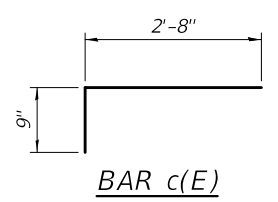
DETAIL A



FOR INFORMATION ONLY



SECTION F-F



BAR c(E)

MIN. BAR LAP
#5 = 3'-6"

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	20	#5	6'-8"	—
b(E)	25	#5	40'-3"	—
b1(E)	10	#5	15'-0"	—
c(E)	434	#5	3'-5"	L
Concrete Removal			Cu. Yd.	18.3
Concrete Superstructure			Cu. Yd.	18.3
Reinforcement Bars, Epoxy Coated			Pound	2890
Bar Splicers			Each	20

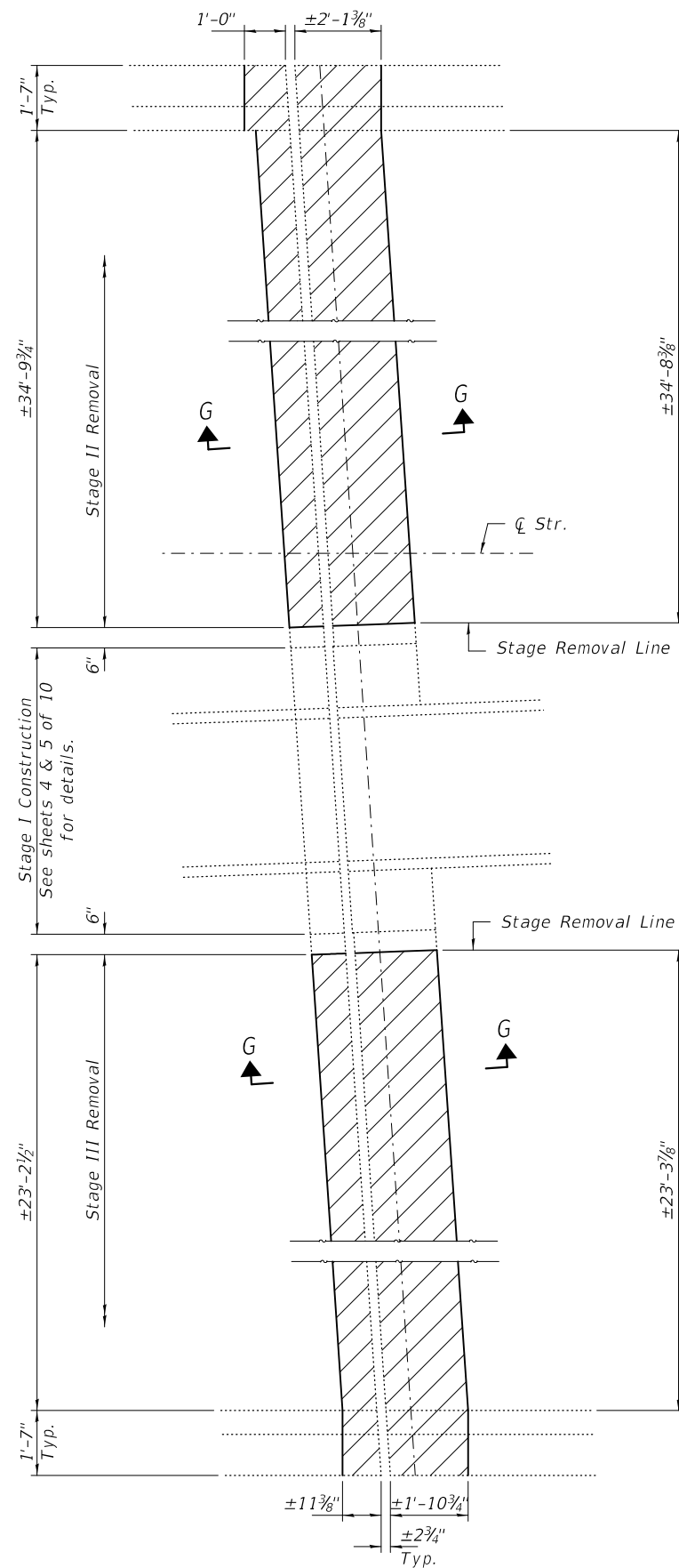
DESIGNED - CCC	EXAMINED - <i>Timothy A. Daburdell</i>	DATE - MARCH 23, 2020
CHECKED - SMR	ENGINEER OF STRUCTURAL SERVICES	
DRAWN - <i>daburdell</i>	PASSED - <i>Carl Ringer</i>	REVISED -
CHECKED - CCC SMR	ENGINEER OF BRIDGES AND STRUCTURES	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MEDIAN REMOVAL AND REPLACEMENT DETAILS
SN 054-0079

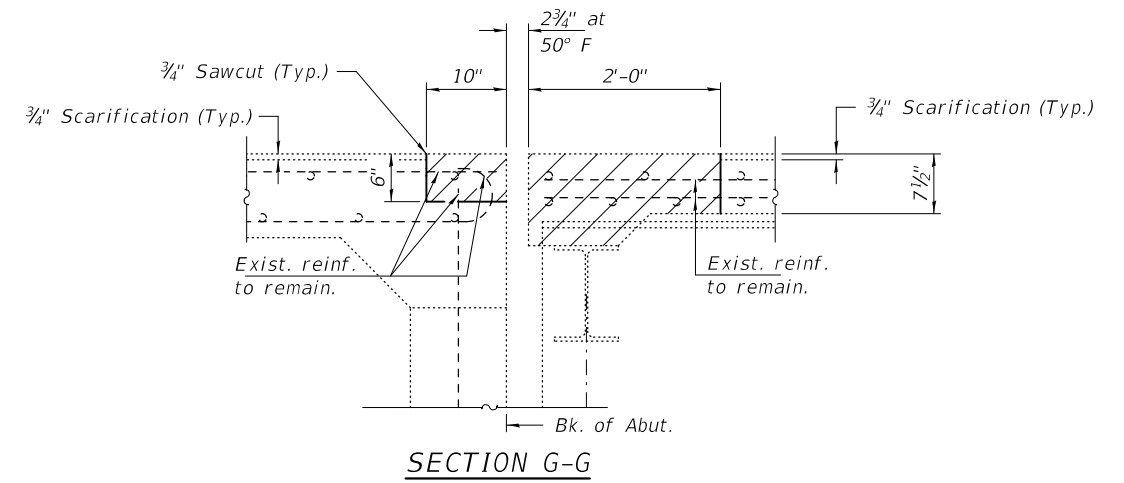
SHEET NO. 5 OF 10 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(116)RS-6(117)RS-9(54-10)BDR-1	LOGAN	94	58
CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				

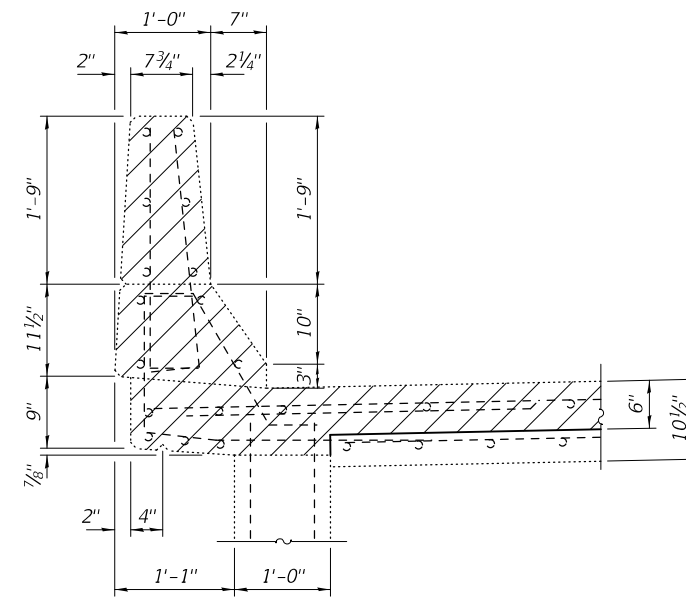


REMOVAL PLAN

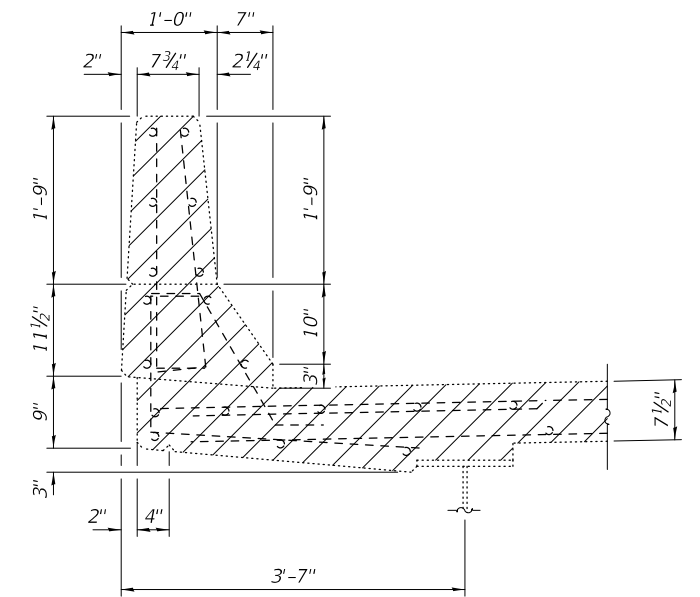
(East Abut shown, West similar by mirroring and rotating lengths of Stage Removal)



SECTION G-G



SECTION THRU APPROACH PARAPET



SECTION THRU BRIDGE PARAPET

Note:
Hatched areas indicate
Concrete Removal.

DESIGNED - CCC
CHECKED - SMR
DRAWN - daburdell
CHECKED - CCC SMR

EXAMINED	<i>Timothy A. Daulton</i> ENGINEER OF STRUCTURAL SERVICES
PASSED	<i>Carl R. Berger</i> ENGINEER OF BRIDGES AND STRUCTURES

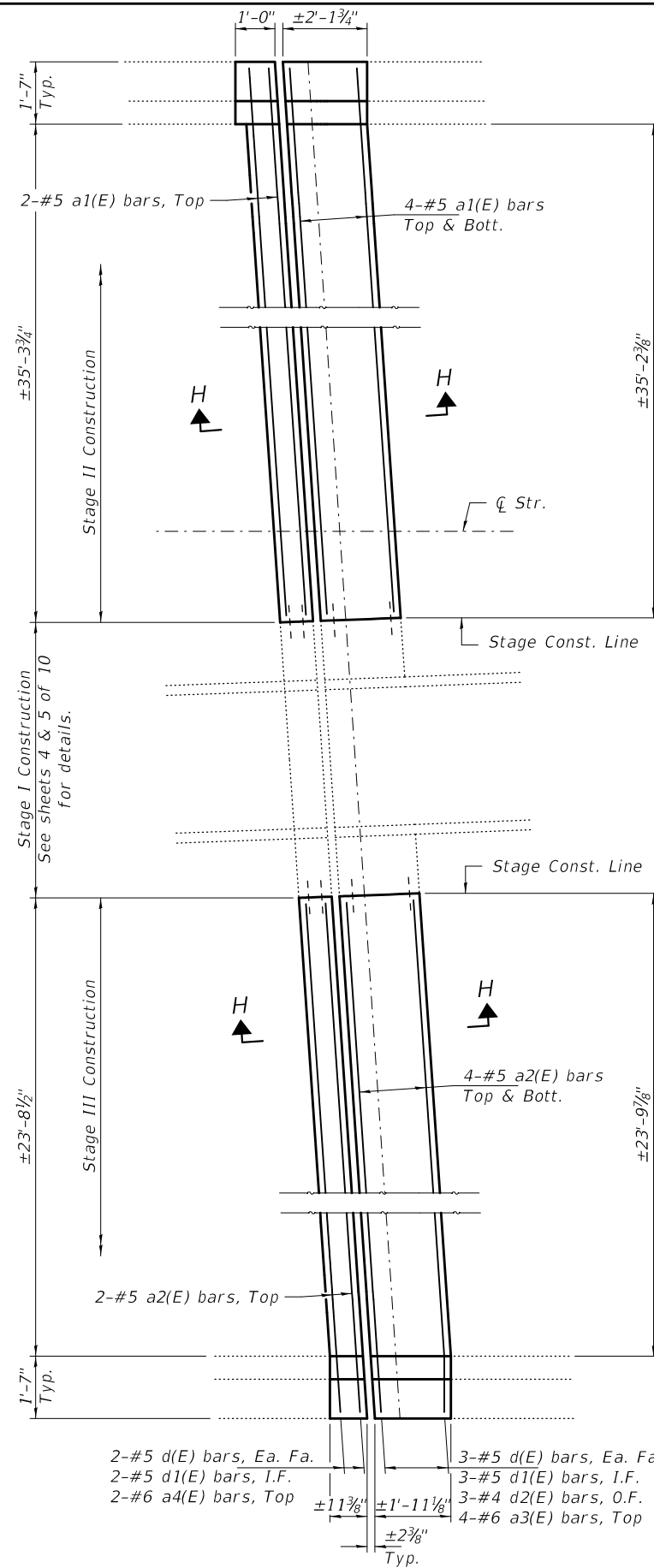
DATE - MARCH 23, 2020
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**JOINT REMOVAL DETAILS - ABUTMENTS
SN 054-0079**

SHEET NO. 6 OF 10 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(116)RS-6(117)RS-9(54-10)BDR-1	LOGAN	94	59
CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				



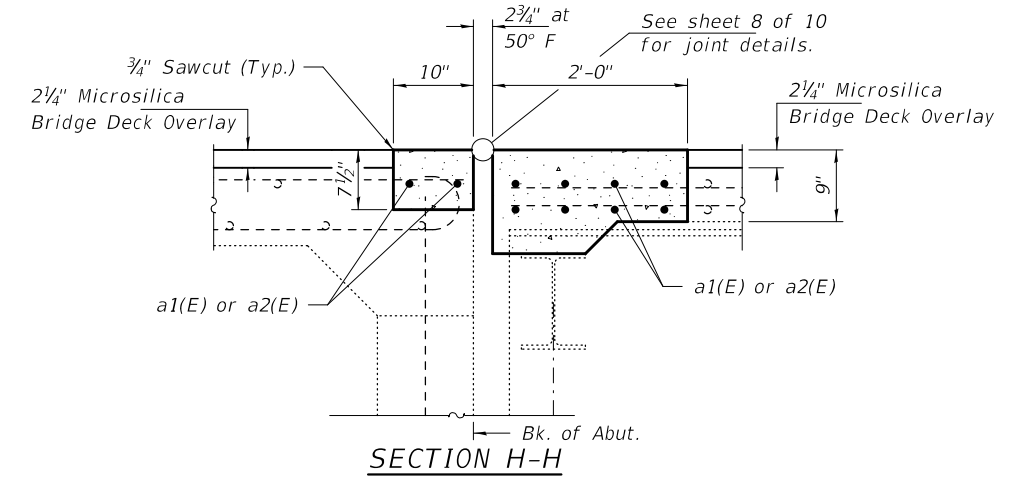
2-#5 d(E) bars, Ea. Fa.
2-#5 d1(E) bars, I.F.
2-#6 a4(E) bars, Top

±11 3/4"
±1'-11 1/4"
±2 3/8"
Typ.

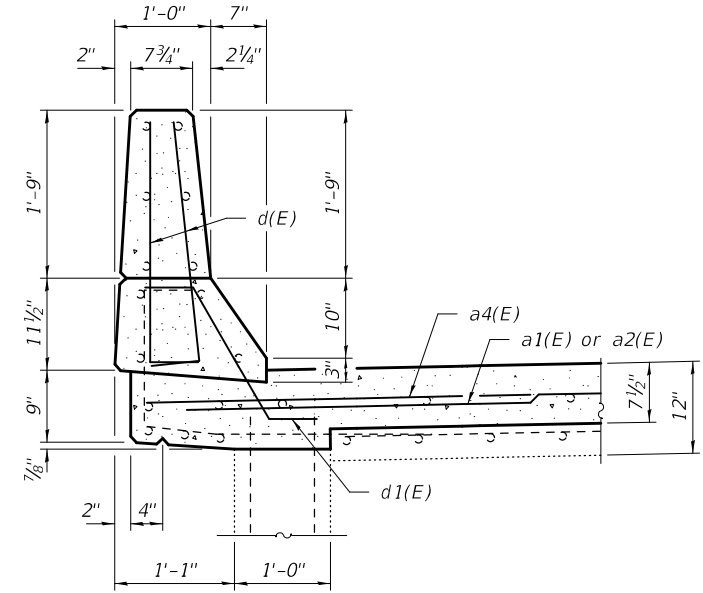
3-#5 d(E) bars, Ea. Fa.
3-#5 d1(E) bars, I.F.
3-#4 d2(E) bars, O.F.
4-#6 a3(E) bars, Top

REMOVAL PLAN

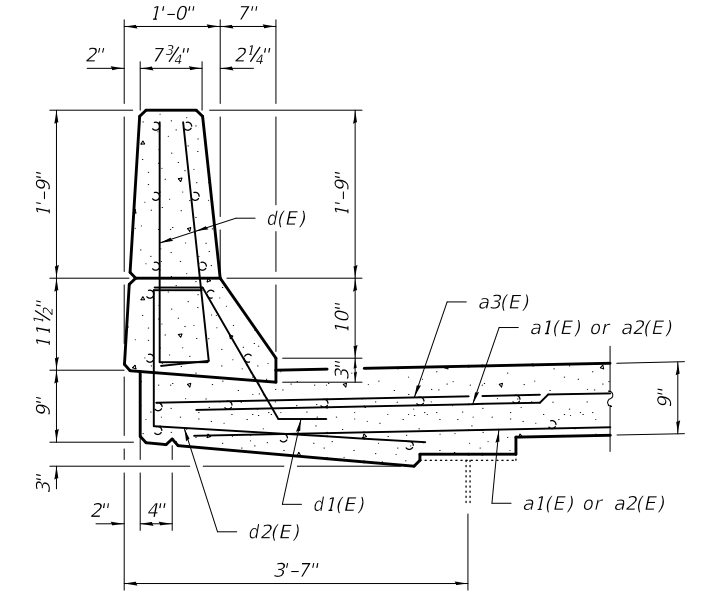
(East Abut shown, West similar by mirroring and rotating lengths of Stage Construction)



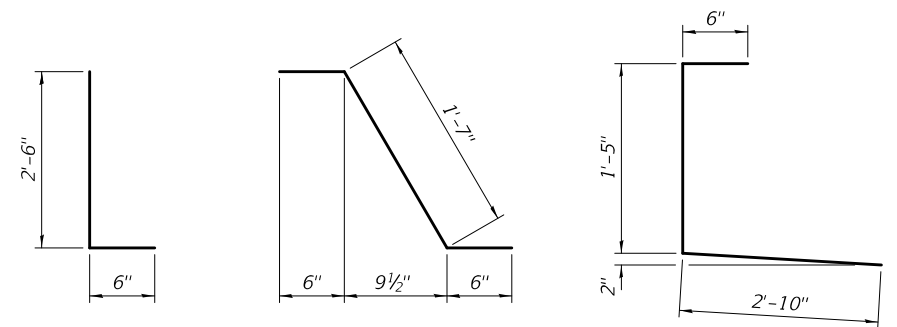
SECTION H-H



SECTION THRU APPROACH PARAPET



SECTION THRU BRIDGE PARAPET



BAR d(E) BAR d1(E) BAR d2(E)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a1(E)	20	#5	36'-2"	—
a2(E)	20	#5	24'-8"	—
a3(E)	16	#6	5'-0"	—
a4(E)	8	#6	4'-0"	—
d(E)	40	#5	3'-0"	L
d1(E)	20	#5	2'-7"	┘
d2(E)	20	#4	4'-9"	┘
Concrete Removal			Cu. Yd.	10.6
Concrete Superstructure			Cu. Yd.	10.6
Reinforcement Bars, Epoxy Coated			Pound	1680

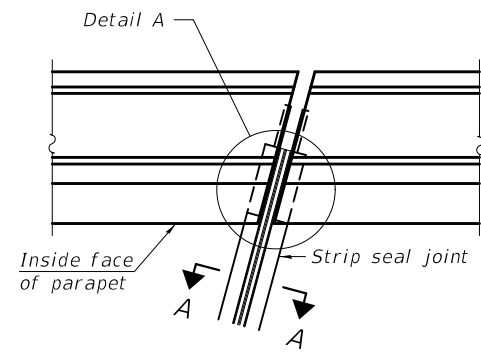
DESIGNED - CCC	EXAMINED - <i>Timothy A. Daburdell</i>	DATE - MARCH 23, 2020
CHECKED - SMR	PASSED - <i>Carl Ringer</i>	REVISED -
DRAWN - <i>daburdell</i>		REVISED -
CHECKED - CCC SMR		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

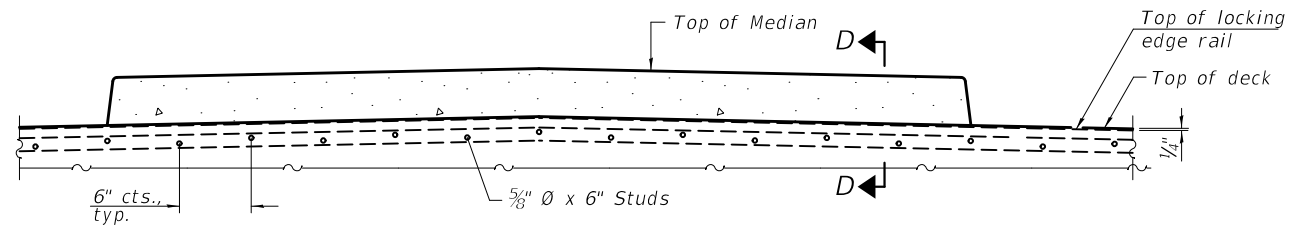
JOINT REMOVAL DETAILS - ABUTMENTS
SN 054-0079

SHEET NO. 7 OF 10 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(116)RS-6(117)RS-9(54-10)BDR-1	LOGAN	94	60
CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				

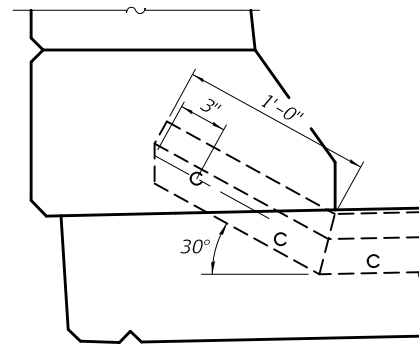


FOR SKEWS $\leq 30^\circ$
PLAN AT PARAPET

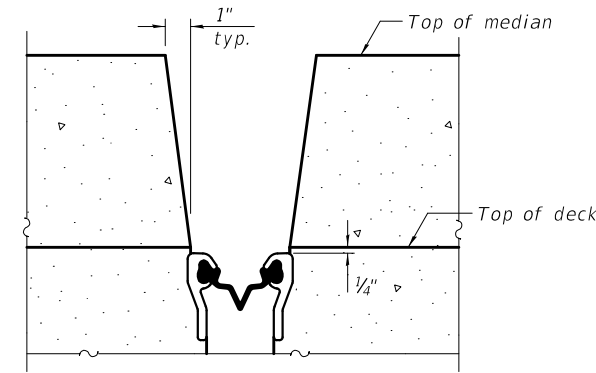


SECTION AT MEDIAN

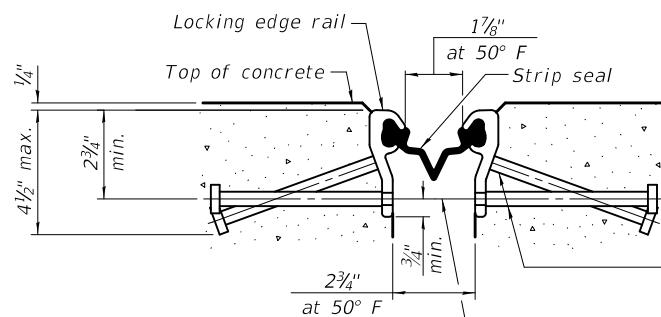
For skews $> 30^\circ$, chamfer acute corners 2" similar to sidewalk.



DETAIL A



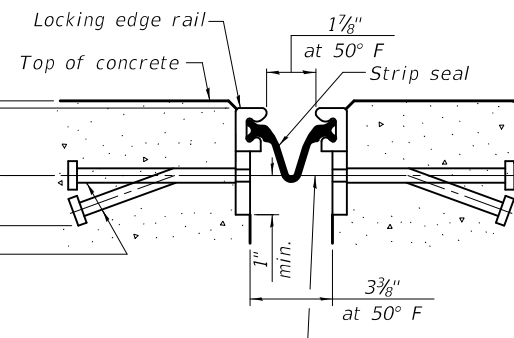
SECTION D-D
 (at Rt. L's)



SHOWING ROLLED RAIL JOINT

* $5/8$ " ϕ x 6" studs @ 6" cts. (alternate angled/bent studs with horizontal studs)

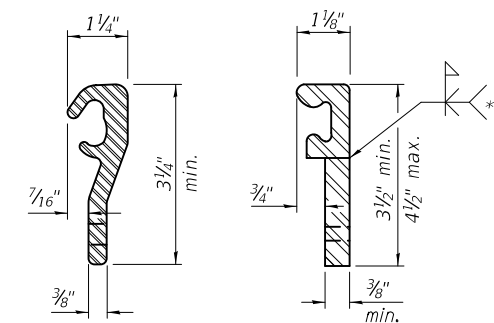
$3/8$ " ϕ threaded rods in $7/16$ " ϕ holes at ± 4 '-0" cts. for holding the proper joint opening based on the temperature during the deck pour. Place to miss studs. All rods shall be burned, or sawed off flush with the plates after concrete is set.



SHOWING WELDED RAIL JOINT

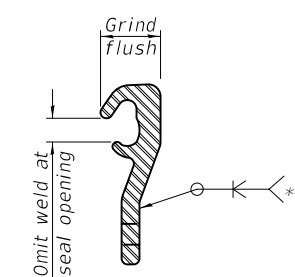
SECTION A-A

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



LOCKING EDGE RAILS

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



LOCKING EDGE RAIL SPLICE

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

BILL OF MATERIAL

Item	Unit	Total
Preformed Joint Strip Seal	Foot	137

DESIGNED - CCC
 CHECKED - SMR
 DRAWN - daburdell
 CHECKED - CCC SMR

EXAMINED
 PASSED

Timothy A. Daulton
 ENGINEER OF STRUCTURAL SERVICES
 Carl R. Meyer
 ENGINEER OF BRIDGES AND STRUCTURES

DATE - MARCH 23, 2020

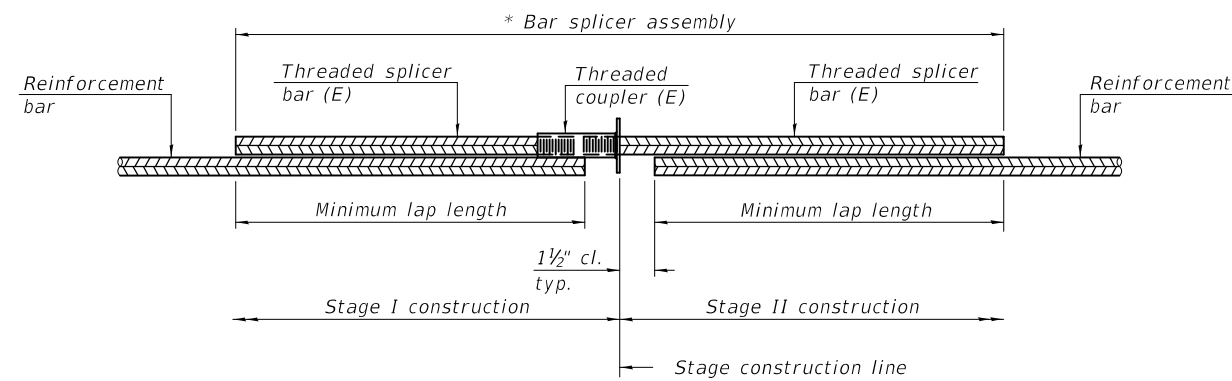
REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PREFORMED JOINT STRIP SEAL
 SN 054-0079

SHEET NO. 8 OF 10 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(116)RS-6(117)RS-9(54-10)BDR-1	LOGAN	94	61
CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				

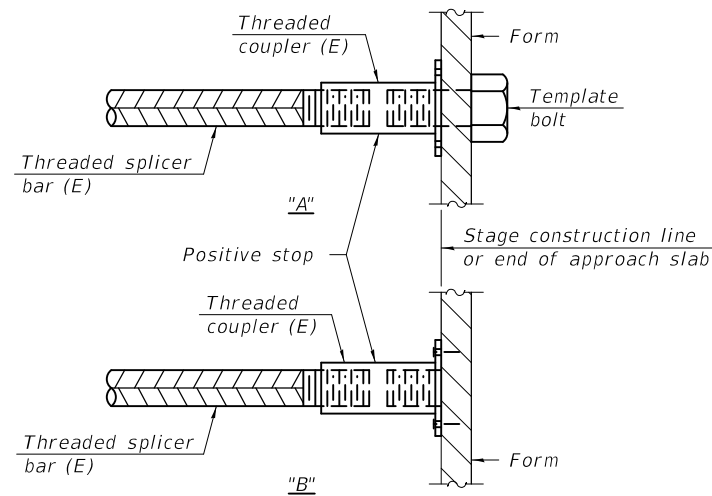


STANDARD BAR SPLICER ASSEMBLY PLAN
 (All components shall be provided from one supplier)

Threaded splicer bar length = min. lap length + 1 1/2" + thread length

* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar size	No. assemblies required	Minimum lap length
E. Abut.	#5	20	3'-6"
W. Abut.	#5	20	3'-6"

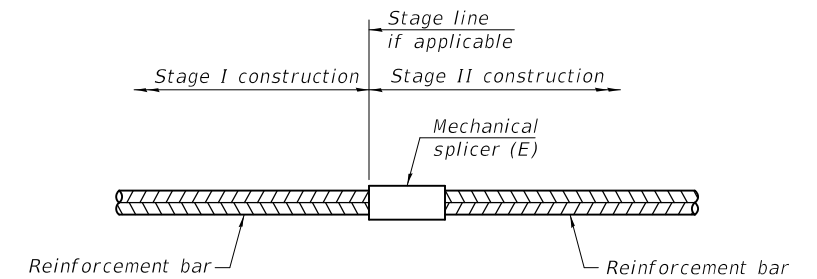


INSTALLATION AND SETTING METHODS

"A" : Set bar splicer assembly by means of a template bolt.

"B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.

(E) : Indicates epoxy coating.



STANDARD MECHANICAL SPLICER

Location	Bar size	No. assemblies required

Notes:

Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.

All reinforcement shall be lapped and tied to the splicer bars.

Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications.

See approved list of bar splicer assemblies and mechanical splicers for alternatives.

BSD-1

1-1-2020

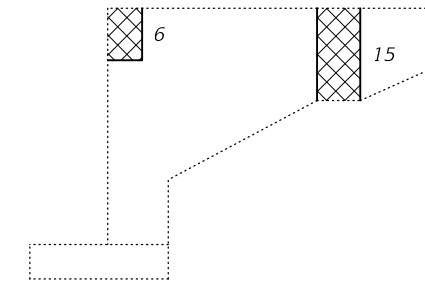
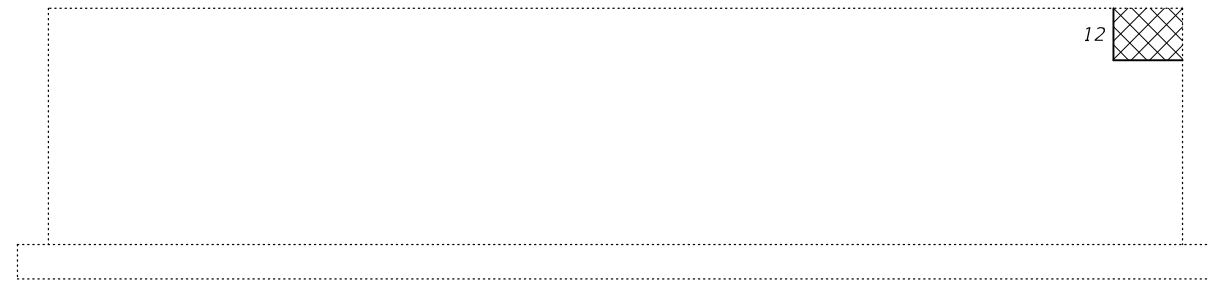
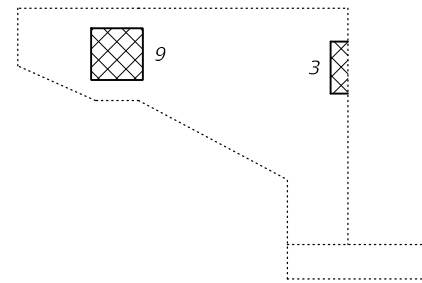
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CHECKED - SMR	<i>Timothy A. Daburdell</i> ENGINEER OF STRUCTURAL SERVICES	
DRAWN - daburdell	PASSED	REVISED -
CHECKED - CCC SMR	<i>Carl Ringer</i> ENGINEER OF BRIDGES AND STRUCTURES	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

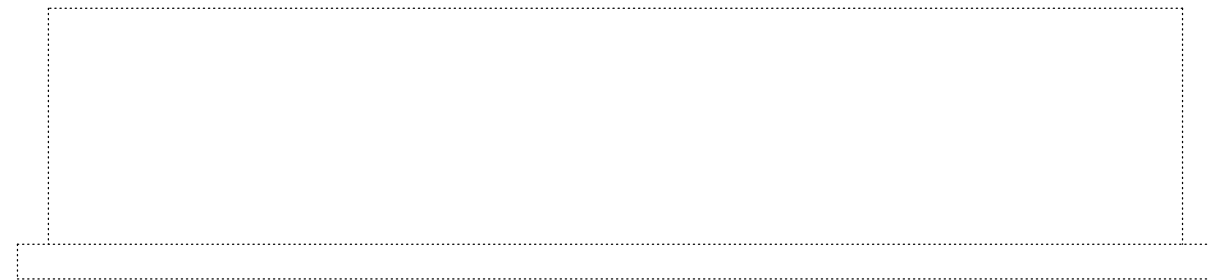
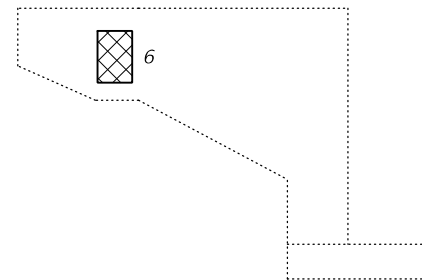
BAR SPLICER ASSEMBLY AND MECHANICAL SPLICER DETAILS
 SN 054-0079

SHEET NO. 9 OF 10 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(116)RS-6(117)RS-9(54-10)BDR-1	LOGAN	94	62
ILLINOIS			CONTRACT NO. 72E00	
FED. AID PROJECT				



EAST ABUTMENT



WEST ABUTMENT

Notes:
 Quantities are given in Sq. Ft.
 Hatched area indicates Structural
 Repair of Concrete (Depth \leq 5").

BILL OF MATERIAL

Item	Unit	Total
Structural Repair of Concrete (Depth \leq 5")	Sq. Ft.	63

DESIGNED - CCC	EXAMINED	DATE - MARCH 23, 2020
CHECKED - SMR	<i>Timothy A. Daburdell</i> ENGINEER OF STRUCTURAL SERVICES	
DRAWN - <i>daburdell</i>	PASSED	REVISED -
CHECKED - CCC SMR	<i>Carl Ringer</i> ENGINEER OF BRIDGES AND STRUCTURES	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

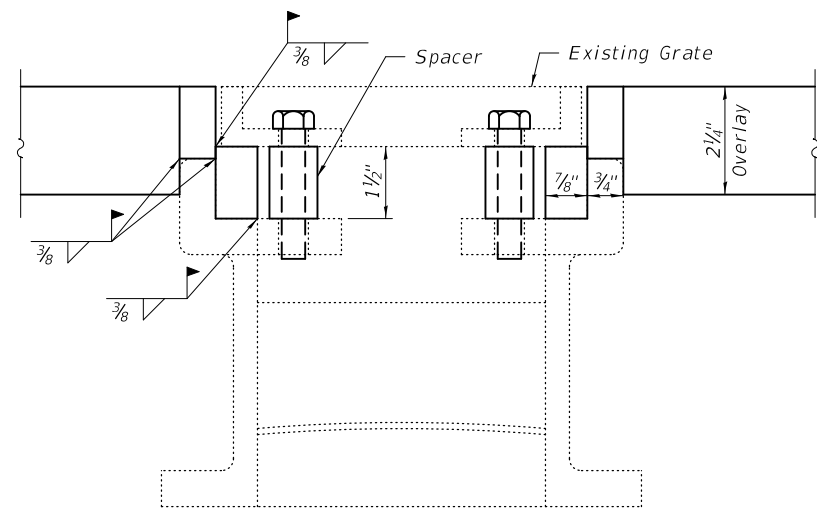
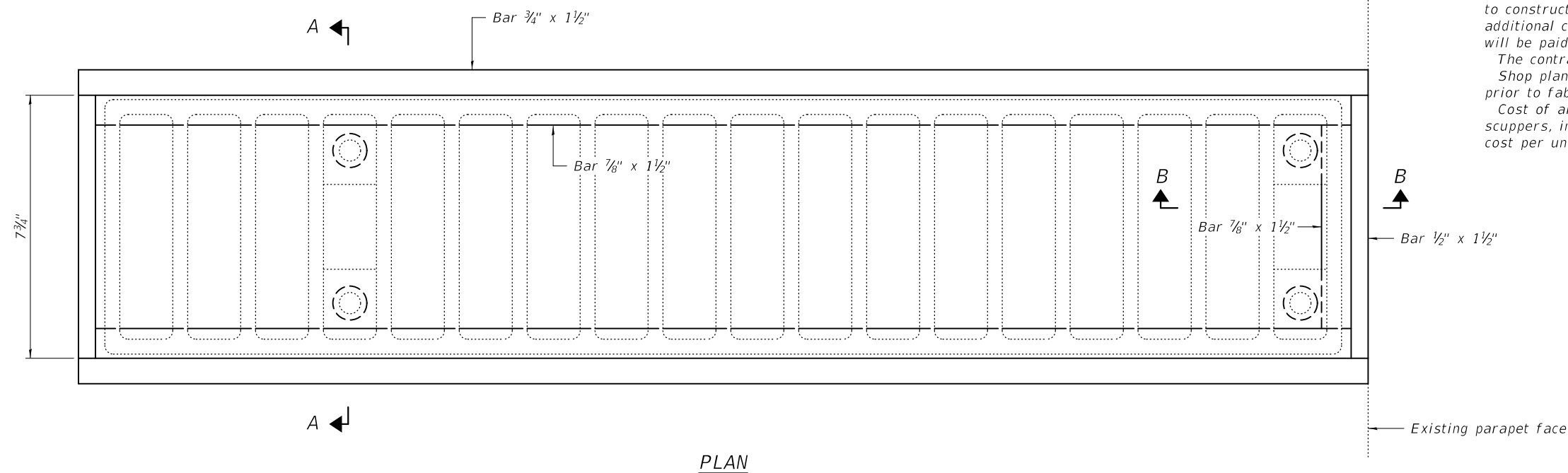
SUBSTRUCTURE REPAIR
 SN 054-0079

SHEET NO. 10 OF 10 SHEETS

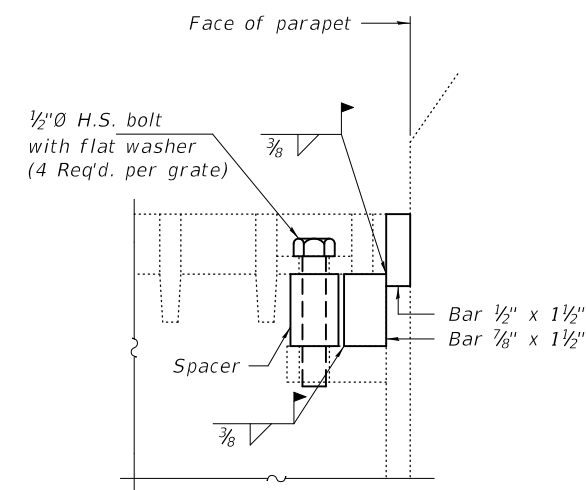
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(116)RS-6(117)RS-9(54-10)BDR-1	LOGAN	94	63
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72E00	

NOTES

All structural steel shall conform to AASHTO Classification M-270 Gr. 36.
 The adjusting scupper ring shall be galvanized.
 Bolts shall be 1/2"Ø, AASHTO M164 Type 1, mechanically galvanized.
 Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
 The contractor shall ensure that no damage is done to existing grates to be reused.
 Shop plans for proposed adjusting scupper ring shall be submitted for approval prior to fabrication.
 Cost of all labor and materials necessary to remove existing grates, clean existing scuppers, install adjusting scupper rings and reinstalling grates is included in the cost per unit each for Drainage Scuppers to be Adjusted.



SECTION A-A



SECTION B-B

Note:
 See sheet 10B of 10 for existing scupper details.

BILL OF MATERIAL

Item	Unit	Total
Drainage Scuppers to be Adjusted	Each	2

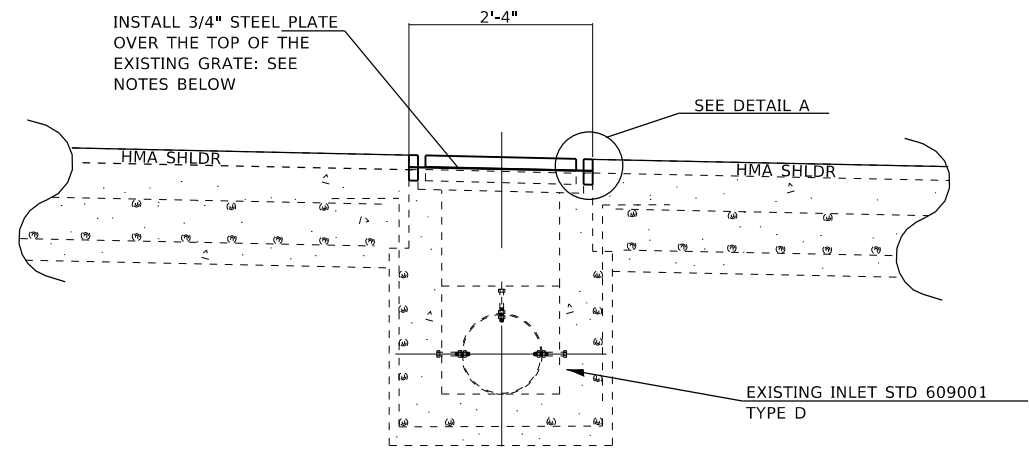
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CHECKED - CCC SMR		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

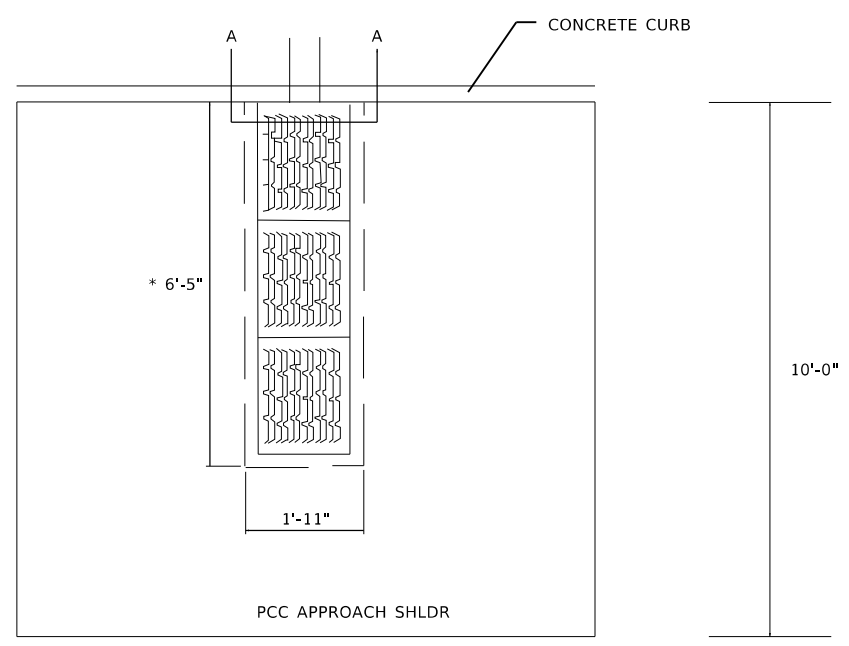
**SCUPPER ADJUSTMENT DETAILS
 SN 054-0079**

SHEET NO. 10A OF 10 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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ILLINOIS FED. AID PROJECT			CONTRACT NO. 72E00	

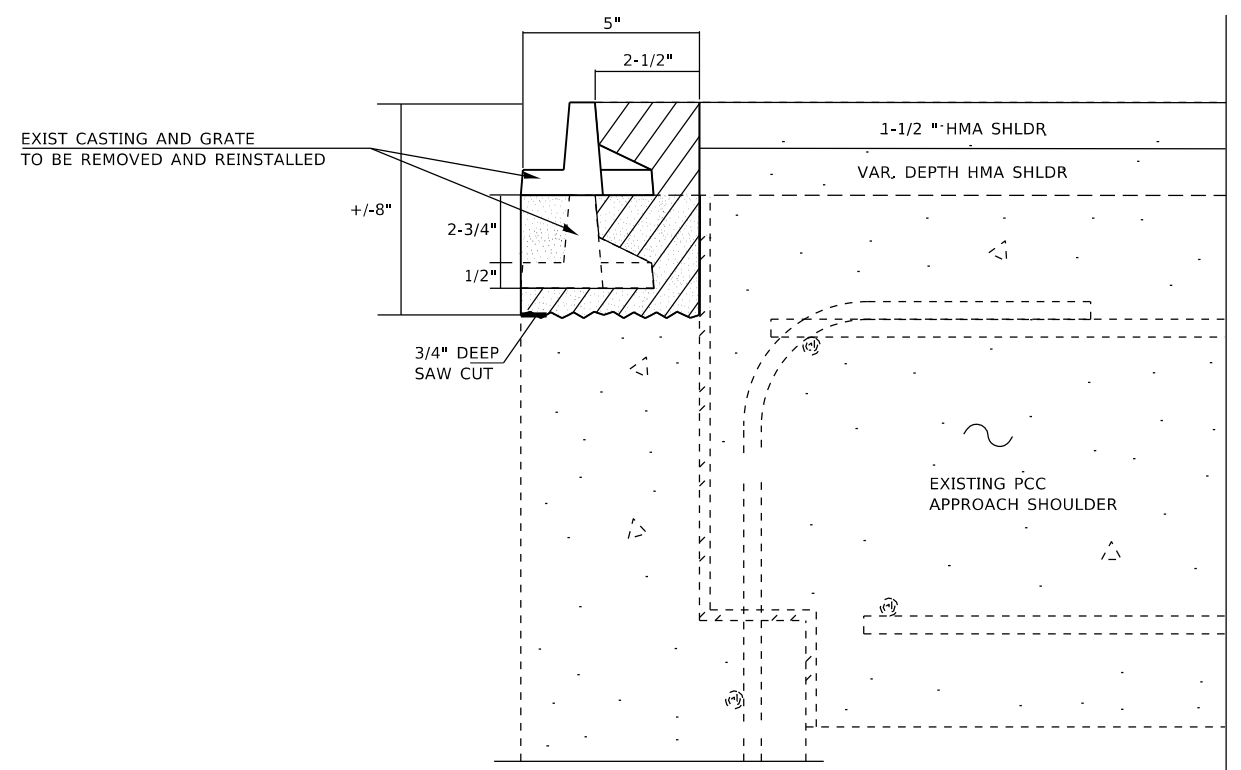


SECTION A-A



PLAN

* OUT TO OUT DIMENSION - GRATING FRAME



DETAIL A

- CONCRETE TO BE REMOVED
- POLYMER CONCRETE POUR

NOTES:

- 1 PRE- STAGE I - BOLT A 3/4" STEEL PLATE ON TOP OF THE EXISTING GRATES
- 2 PAVE OVER THE TOP OF THE STEEL PLATE WITH HMA SHOULDER TO ALLOW FOR STAGE I CONSTRUCTION TRAFFIC
- 3 UPON COMPLETION OF THE BRIDGE REPAIRS & PROPOSED HMA SHOULDER OVERLAY, SAW AROUND THE PERIMETER OF THE INLET & REMOVE THE HMA OVERLAY & STEEL PLATE.
- 4 REMOVE THE EXISTING FRAME & GRATE BY SCORING BELOW THE FRAME & REMOVE THE ADJACENT CONCRETE WITH CHIPPING HAMMERS
- 5 THE EXISTING FRAME SHALL THEN BE ADJUSTED TO MATCH THE ADJACENT HMA SHOULDER BY PLACING POLYMER CONCRETE.

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OFFICE: \\blm1c1-pub\pub\lansom.dwg
DATE: 1/31/2020

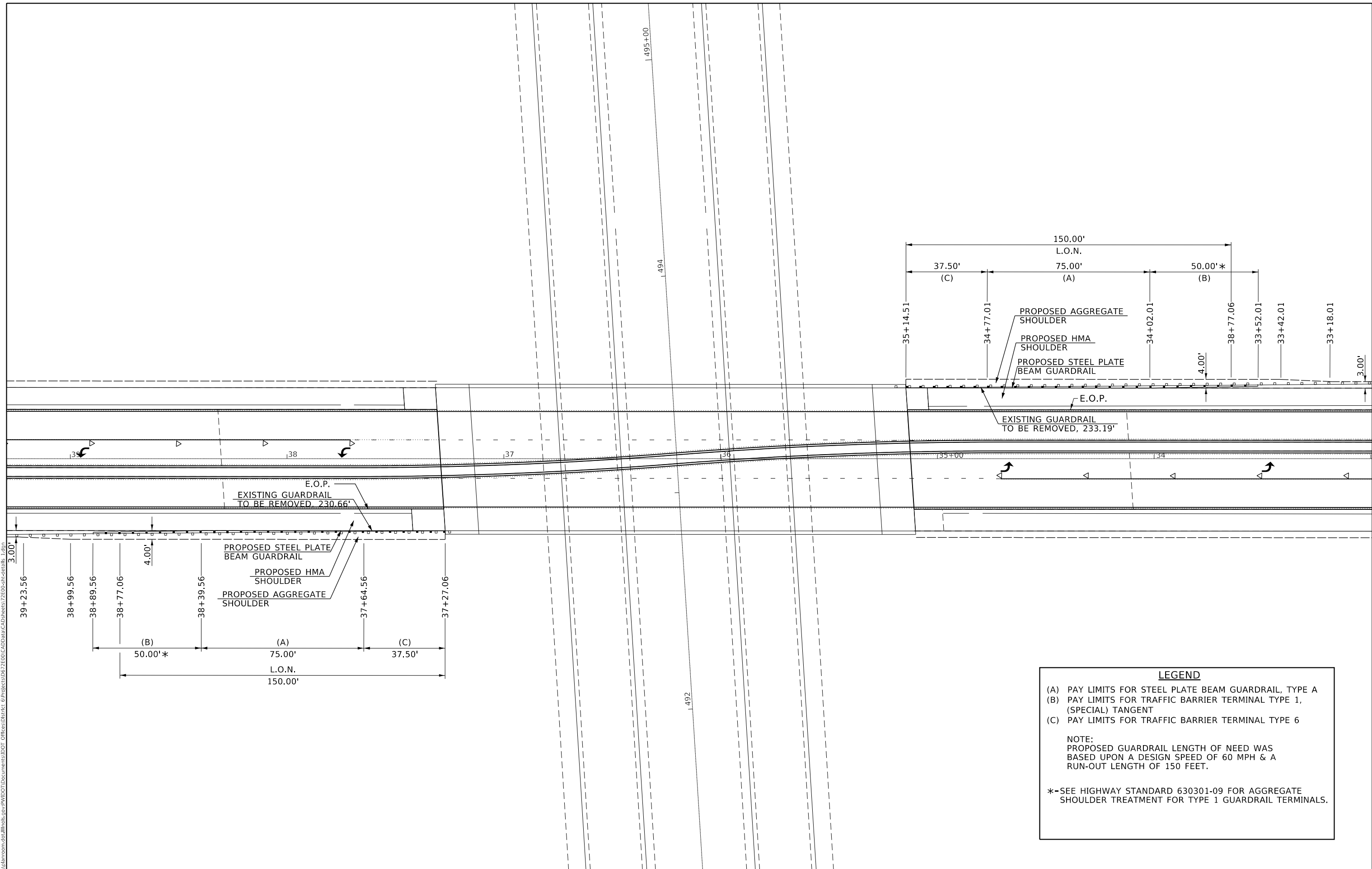
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PLOT DATE = 1/31/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INLET RECONSTRUCTION DETAIL			
SCALE:	SHEET 1	OF 1	SHEETS
	STA.		TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	64
CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				

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LEGEND

(A) PAY LIMITS FOR STEEL PLATE BEAM GUARDRAIL, TYPE A
 (B) PAY LIMITS FOR TRAFFIC BARRIER TERMINAL TYPE 1, (SPECIAL) TANGENT
 (C) PAY LIMITS FOR TRAFFIC BARRIER TERMINAL TYPE 6

NOTE:
 PROPOSED GUARDRAIL LENGTH OF NEED WAS BASED UPON A DESIGN SPEED OF 60 MPH & A RUN-OUT LENGTH OF 150 FEET.

*-SEE HIGHWAY STANDARD 630301-09 FOR AGGREGATE SHOULDER TREATMENT FOR TYPE 1 GUARDRAIL TERMINALS.

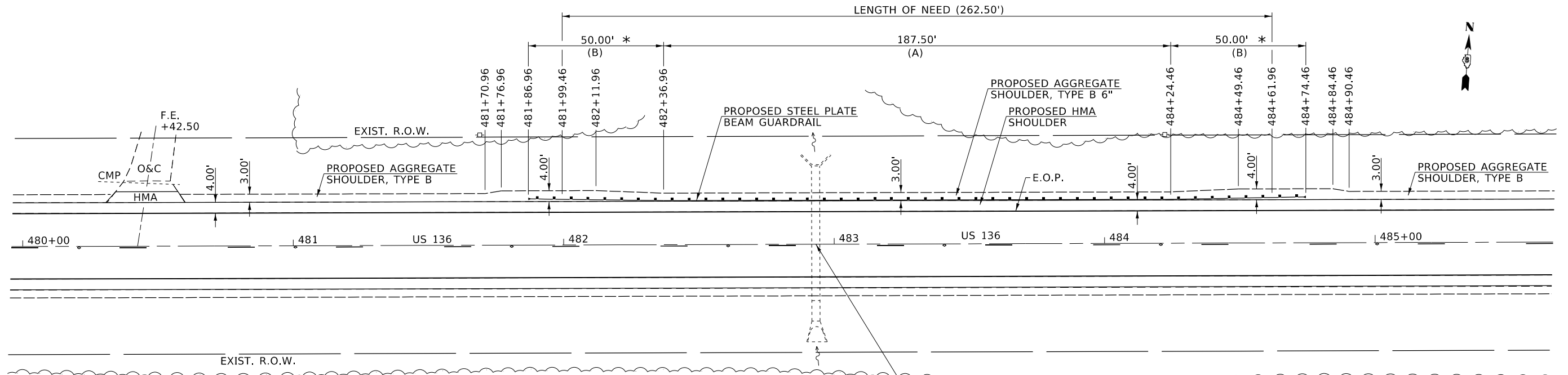
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GUARDRAIL DETAILS
FOR S.N. 054-0079**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	65
CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

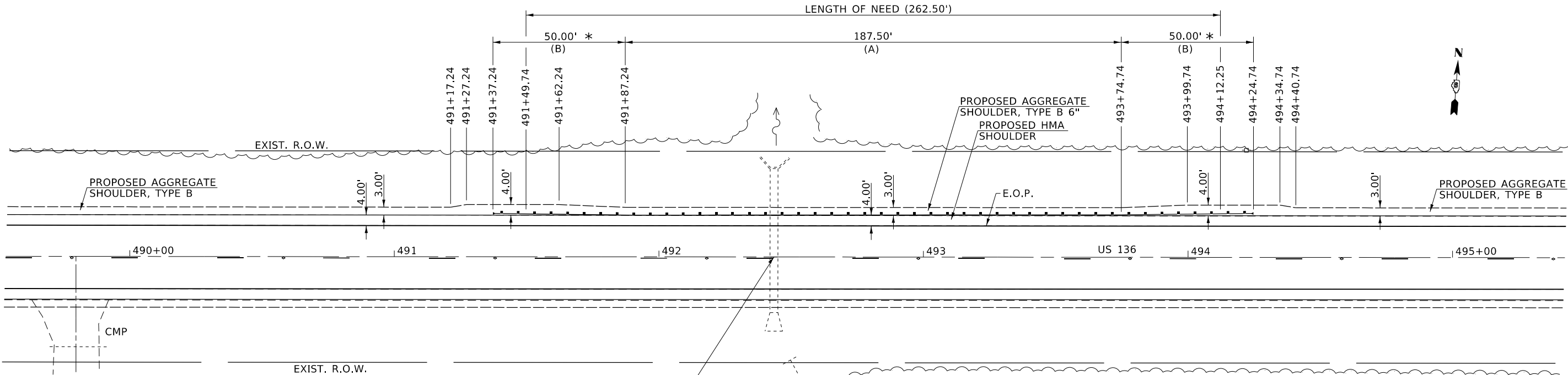


LEGEND

(A) PAY LIMITS FOR STEEL PLATE BEAM GUARDRAIL, TYPE A
 (B) PAY LIMITS FOR TRAFFIC BARRIER TERMINAL TYPE 1, (SPECIAL) TANGENT

* - SEE HIGHWAY STANDARD 630301-09 FOR AGGREGATE SHOULDER FLARING FOR TYPE 1 GUARDRAIL TERMINALS.

STA. 482+93.22
 EXISTING 3'W X 2'H CONCRETE BOX CULVERT W/ 30" DIA. PIPE EXTENSION & FLARED END SECTION, RT. CONCRETE HEADWALL & WINGS, LT.



STA. 492+43.50
 EXISTING 3'W X 2'H CONCRETE BOX CULVERT W/ 30" DIA. PIPE EXTENSION & FLARED END SECTION, RT. CONCRETE HEADWALL & WINGS, LT.

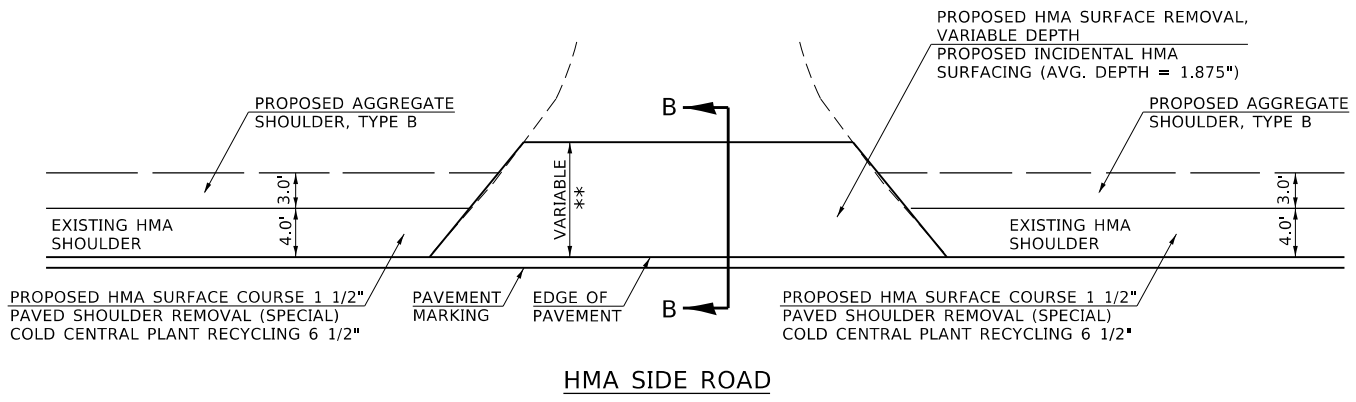
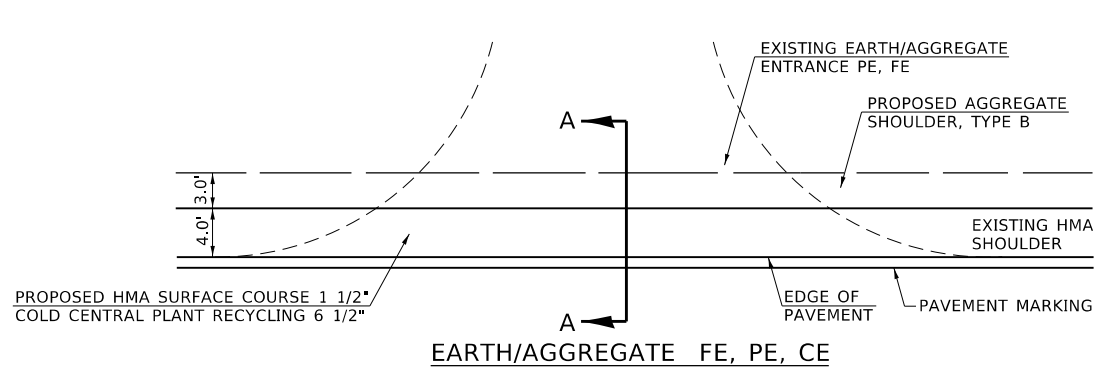
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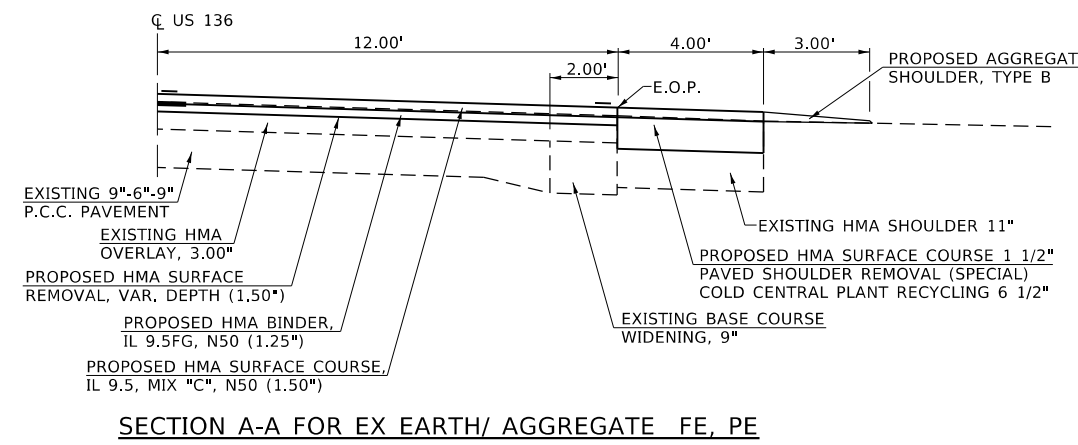
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

GUARDRAIL DETAILS	
US 136	
SCALE:	SHEET 2 OF 2 SHEETS
STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	66
CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				

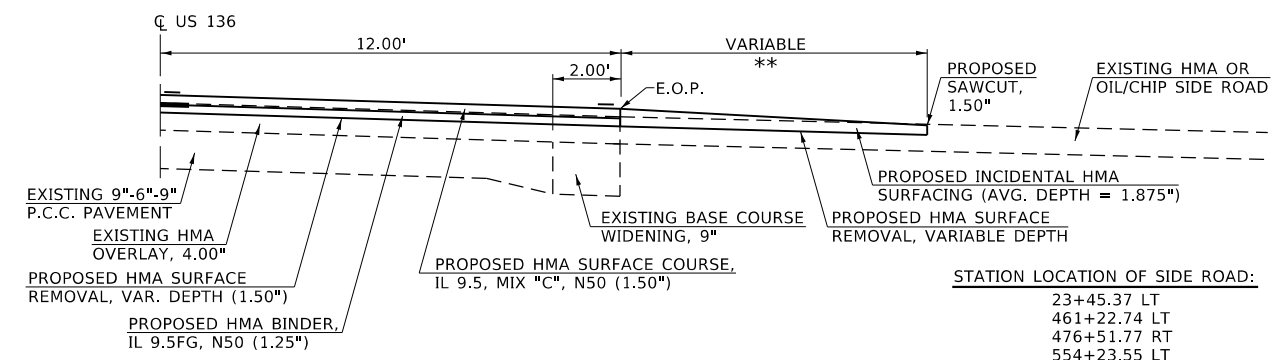


** = SEE SIDE ROAD SCHEDULES FOR IMPROVEMENT DISTANCES FROM EDGE OF PAVEMENT.



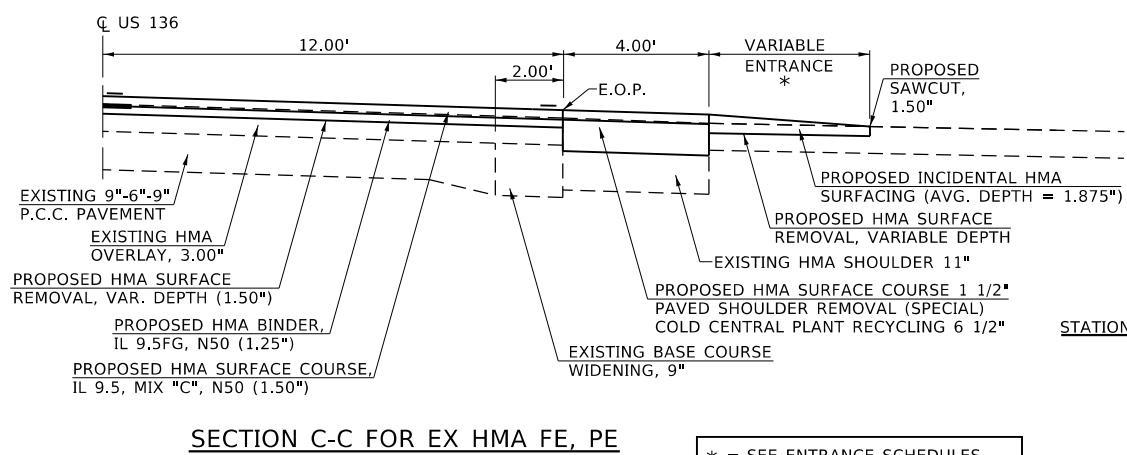
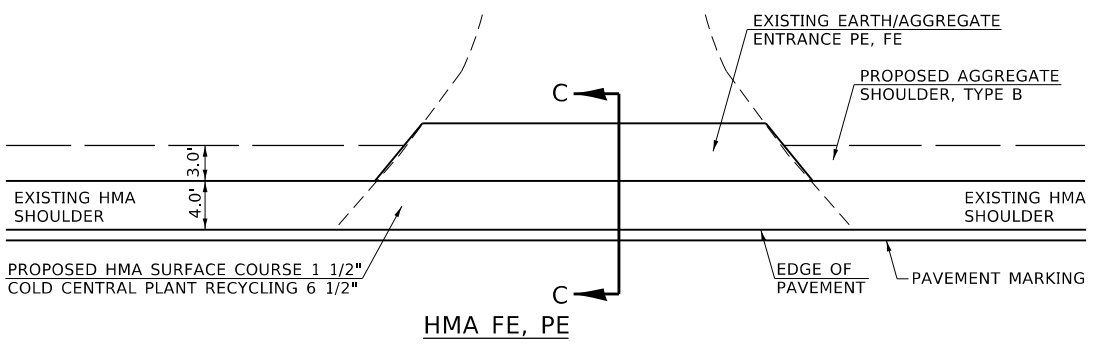
STATION LOCATION OF ENTRANCE:

17+15.83 LT	591+85.10 RT
15+54.48 LT	601+28.30 RT
463+56.80 RT	602+56.00 RT
475+25.00 RT	607+25.31 LT
477+30.00 RT	608+00.00 RT
489+79.70 RT	613+55.00 LT
502+20.80 RT	614+33.70 RT
502+89.20 RT	620+84.60 LT
505+09.70 LT	627+83.40 LT
522+75.60 LT	634+22.10 LT
539+54.10 LT	634+25.20 RT
539+57.40 RT	646+63.30 LT
547+18.70 RT	647+27.70 RT
549+38.80 LT	652+14.80 LT
555+50.00 RT	655+02.50 RT
586+08.00 LT	
586+22.60 RT	



STATION LOCATION OF SIDE ROAD:

23+45.37 LT
461+22.74 LT
476+51.77 RT
554+23.55 LT
580+89.22 LT
581+62.00 RT
620+86.08 RT



STATION LOCATION OF ENTRANCE:

468+33.10 RT
480+42.50 LT
522+00.00 RT
568+00.00 RT
655+02.50 RT

* = SEE ENTRANCE SCHEDULES FOR IMPROVEMENT DISTANCES FROM EDGE OF PAVEMENT.

GENERAL NOTES:

THE RESIDENT ENGINEER WILL DETERMINE THE EXACT TYPE OF IMPROVEMENT TO BE COMPLETED FOR ALL ENTRANCES, SIDEROADS AND MAILBOX TURNOUTS ON THIS PROJECT.

THE PLAN DETAILS AND SCHEDULES SHOULD BE USED AS A GUIDE FOR THE ENGINEER TO IMPLEMENT THE FINAL DESIGN. THE ENGINEER MAY DECIDE TO SALVAGE PORTIONS OF THE EXISTING ENTRANCE PAVEMENT STRUCTURE; THEREFORE, REDUCING PAY ITEM QUANTITIES. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR THIS REDUCTION IN QUANTITIES.

ANY WORK THE ENGINEER REQUIRES WHICH IS NOT COVERED BY A PAY ITEM CONTAINED IN THE PLANS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

INCIDENTAL HMA SURFACING REQUIRED TO CONSTRUCT THE ENTRANCES AND SIDE ROADS SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 406 AND 408 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.

INCIDENTAL HMA SURFACING THICKER THAN 3 INCHES SHALL BE PLACED IN MORE THAN ONE LIFT. THE BOTTOM LIFT(S) SHALL MEET THE REQUIREMENTS OF HMA BASE COURSE IN SECTION 406 OF THE STANDARD SPECIFICATIONS AND THE TOP LIFT OF 2 INCHES SHALL MEET THE REQUIREMENTS OF HMA SURFACE COURSE.

THIS WORK WILL BE PAID FOR IN ACCORDANCE WITH SECTIONS 351, 358, 408, 423 AND 440 OF THE STANDARD SPECIFICATIONS.

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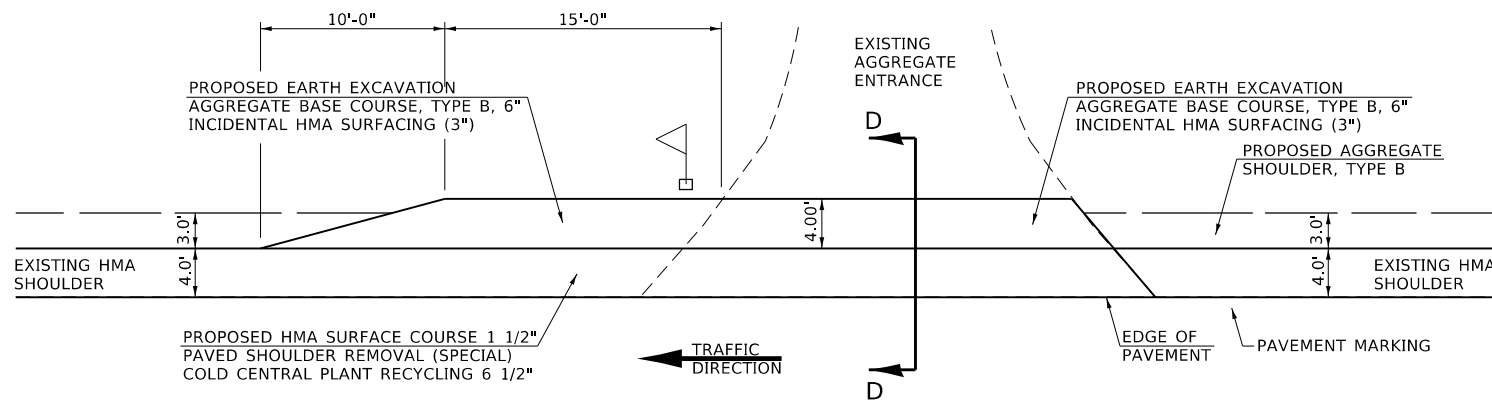
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

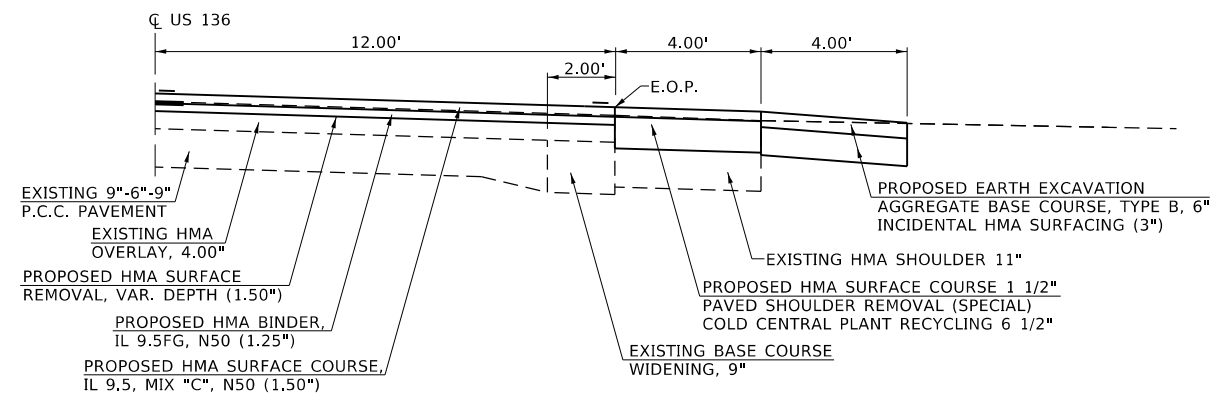
ENTRANCE AND SIDE ROAD DETAILS

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	67
CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				

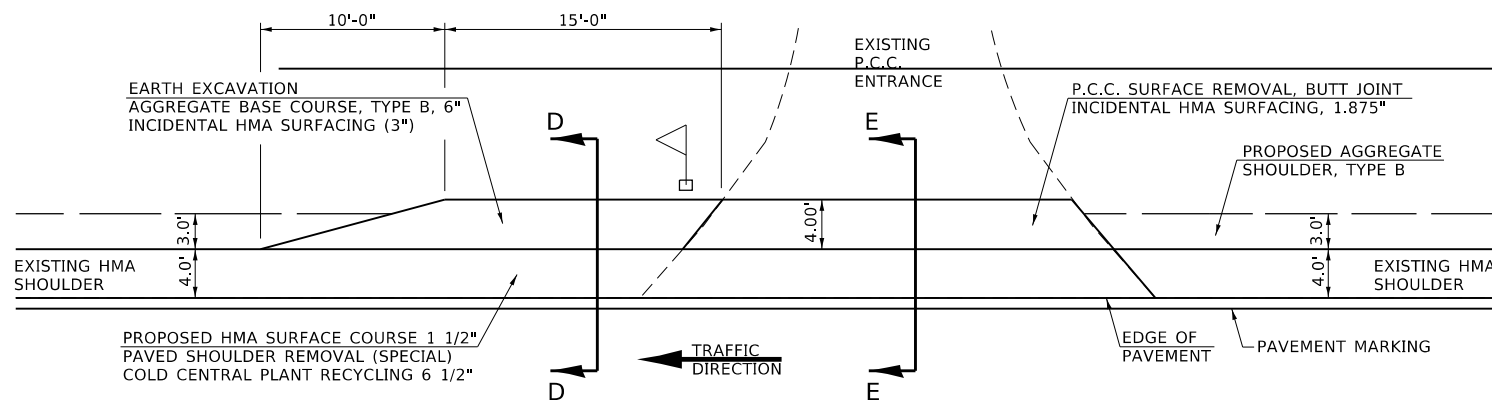


AGGREGATE ENTRANCE WITH TRAILING SIDE MAILBOX

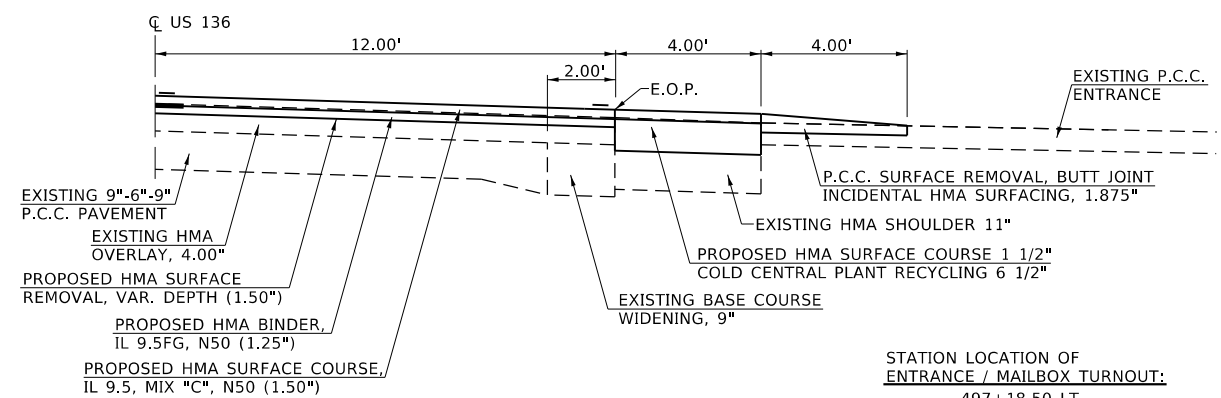


SECTION D-D FOR EX HMA MB TURNOUT

STATION LOCATION OF ENTRANCE / MAILBOX TURNOUT:
 468+33.10 LT
 547+18.70 LT
 591+82.80 LT
 616+61.70 LT

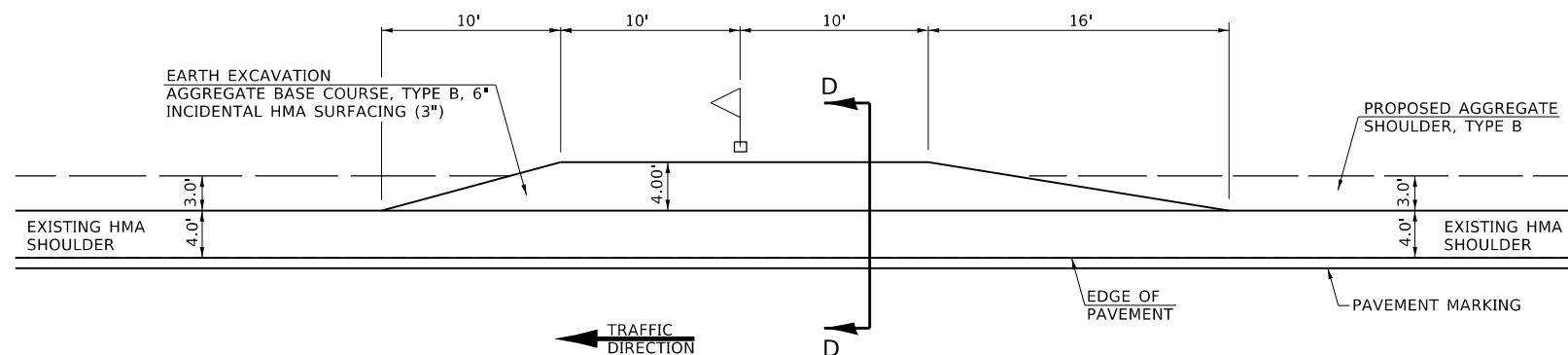


P.C.C. ENTRANCE WITH TRAILING SIDE MAILBOX



SECTION E-E FOR EX HMA MB TURNOUT

STATION LOCATION OF ENTRANCE / MAILBOX TURNOUT:
 497+18.50 LT



EARTH MAILBOX TURN OUT

MODEL: Guardrail Location 1
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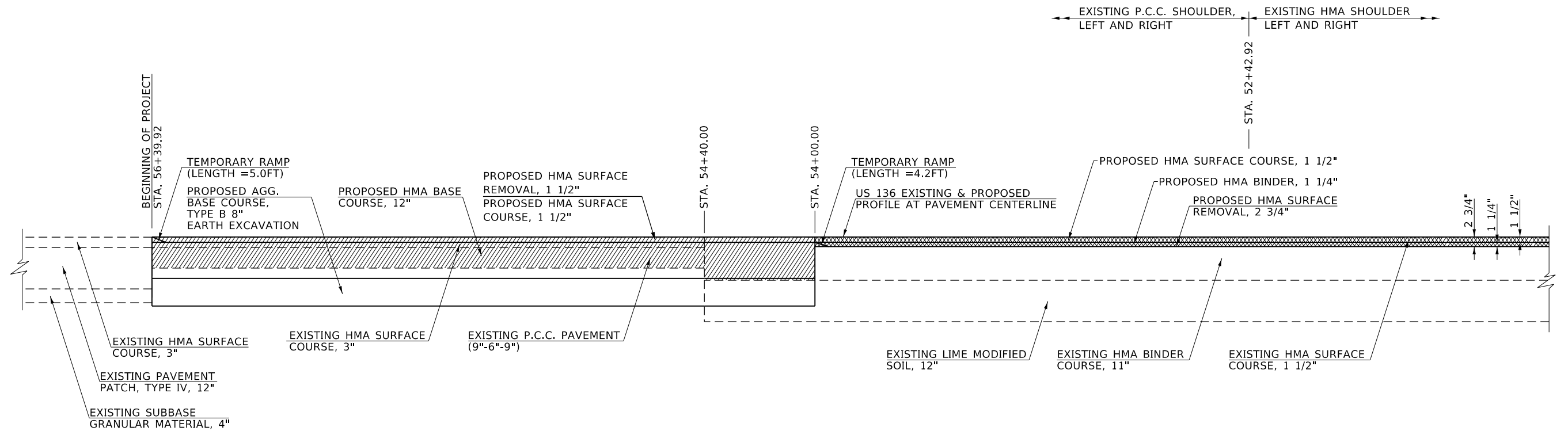
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	DATE - 01-23-2020	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ENTRANCE AND SIDE ROAD DETAILS

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

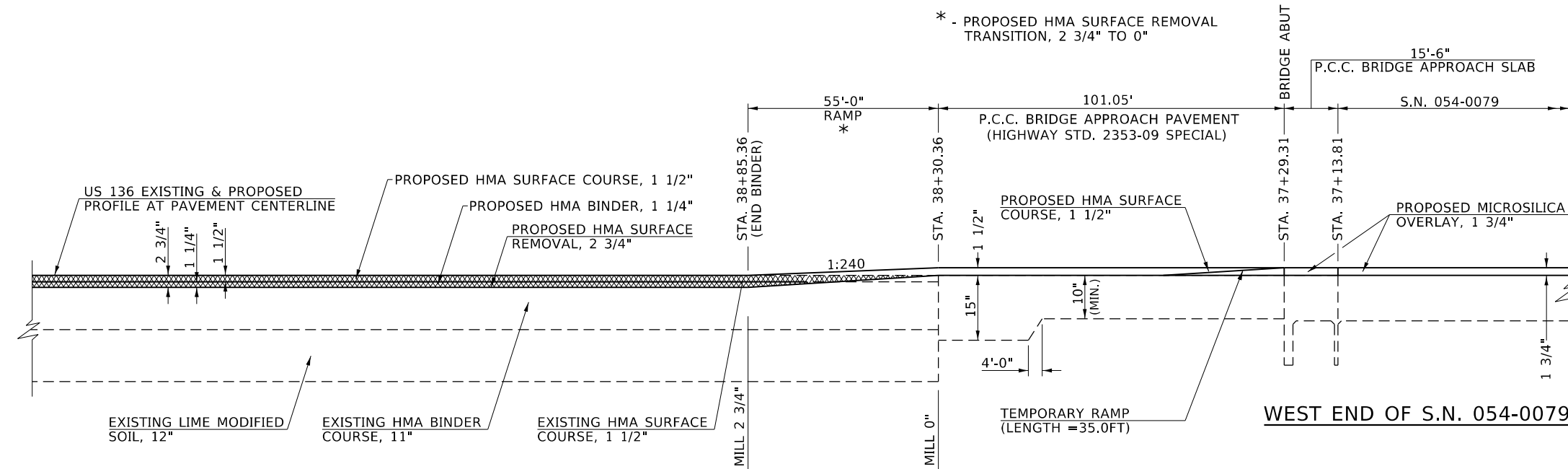
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	68
CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				



LEGEND

- PROPOSED PAVEMENT REMOVAL (STA. 56+39.92 TO STA. 54+00.00)
- PROPOSED HMA SURFACE REMOVAL

NOTE:
ROADWAY STATIONS LABELED ON THIS SHEET ARE BASED ON US 136 CENTERLINE.



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 DRAWING: I117000000.dwg
 PLOT DATE: 2/18/2020

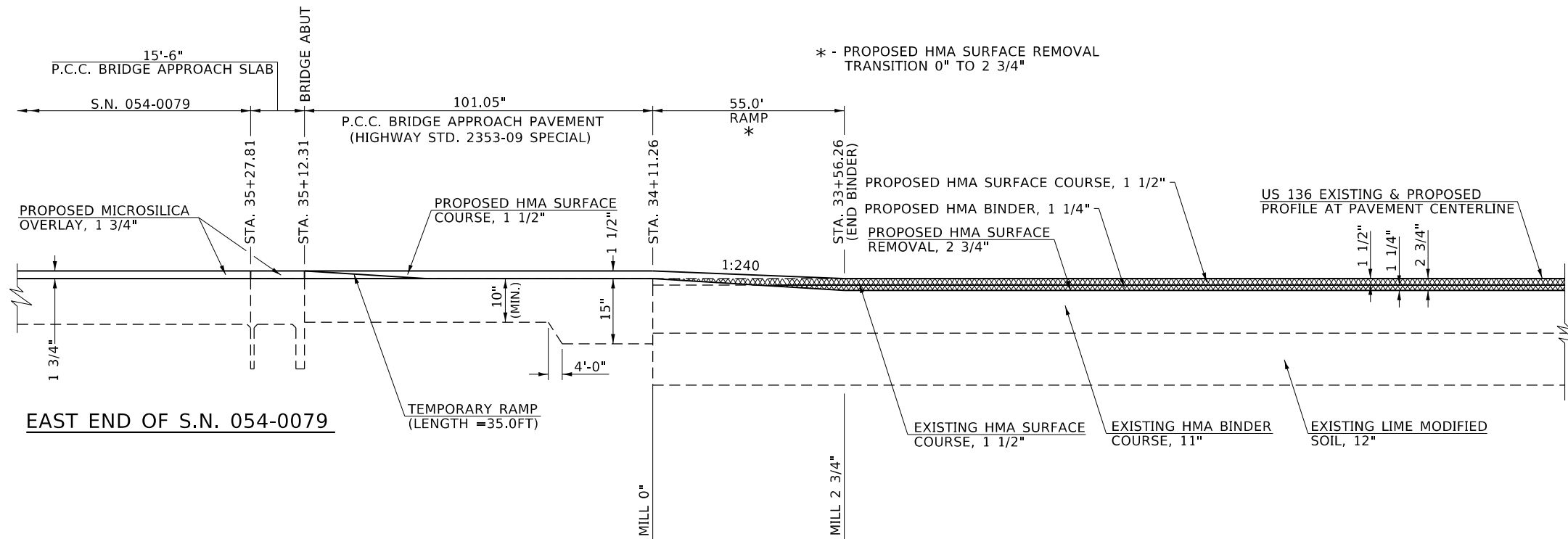
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MILLING /RESURFACING DETAILS
US 136**

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

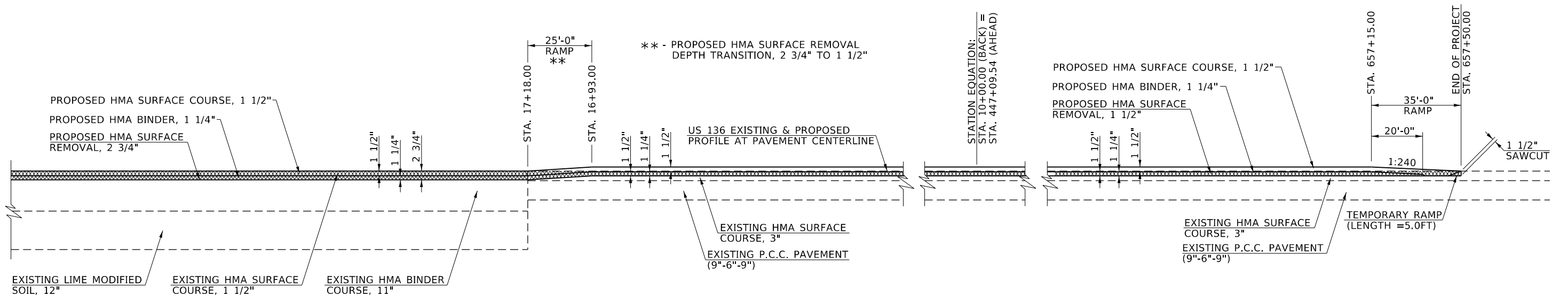
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315	*	LOGAN	94	69
CONTRACT NO. 72E00				
ILLINOIS		FED. AID PROJECT		



EAST END OF S.N. 054-0079

LEGEND
 PROPOSED HMA SURFACE REMOVAL

NOTE:
 ROADWAY STATIONS LABELED ON THIS SHEET ARE BASED ON US 136 CENTERLINE.



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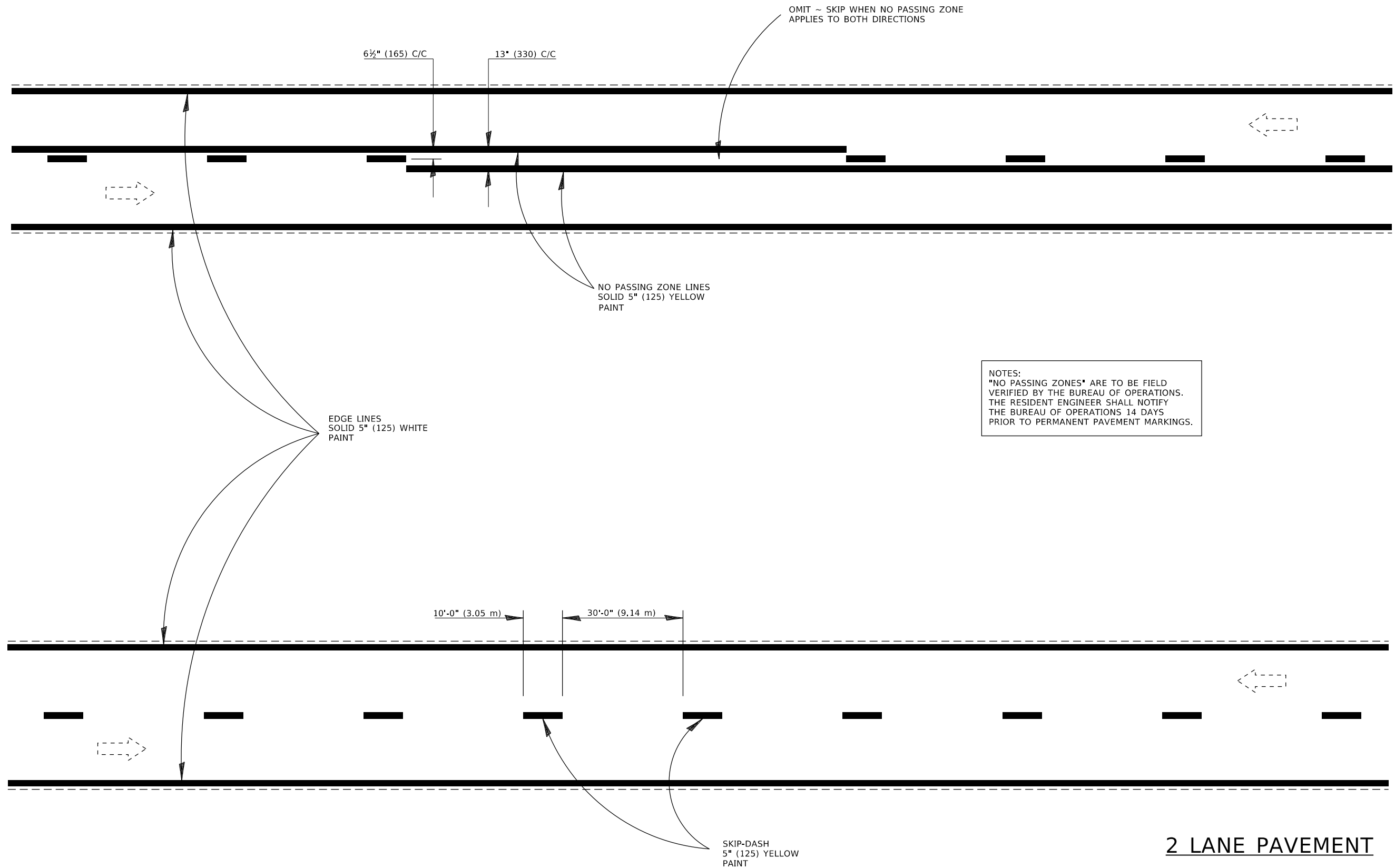
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MILLING /RESURFACING DETAILS
 US 136**

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

F.A.P. RTE. 315	SECTION *	COUNTY LOGAN	TOTAL SHEETS 94	SHEET NO. 70
CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				



2 LANE PAVEMENT

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

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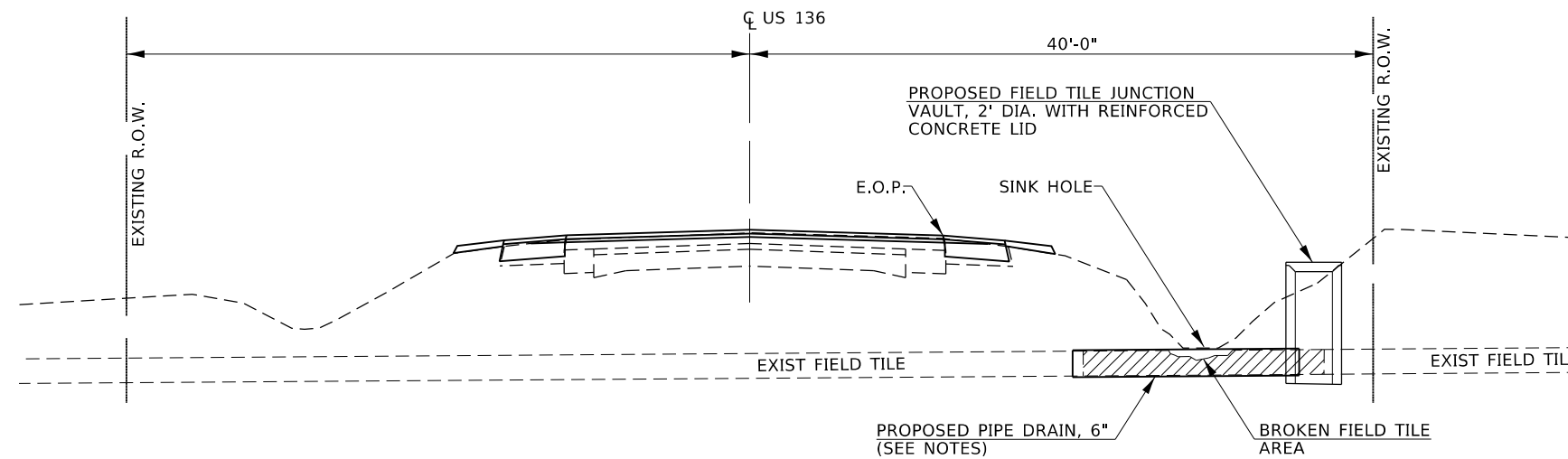
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING DETAILS
US 136**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	71
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72E00	

(116)RS-6(117)RS-9(54-10)BDR-1

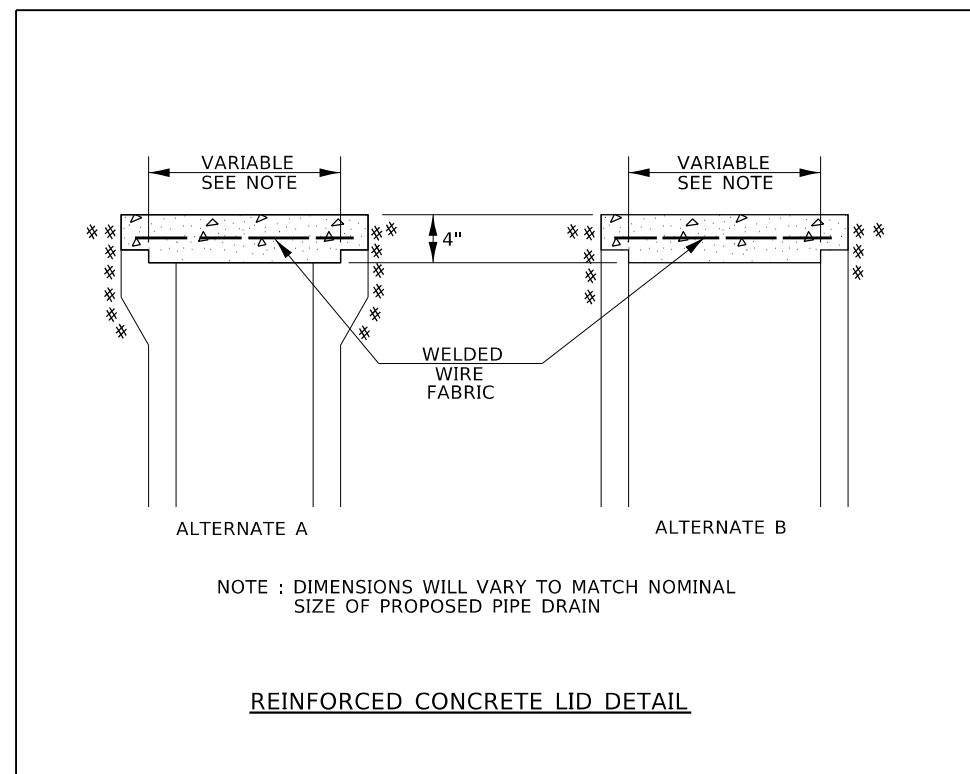


EXISTNG / PROPOSED FIELD TILE CROSS SECTION
STATION 449± 00, LOOKING EAST

= EXISTING FIELD TILE TO BE REMOVED

GENERAL NOTES

1. FIELD TILE SHALL BE REPAIRED IN ACCORDANCE WITH SECTION 611 OF THE STANDARD SPECIFICATIONS. THE COST PER CONTRACT UNIT PRICE OF ITEMS INCLUDED IN THIS CONTRACT SHALL BE PAID FOR AS STATED IN SECTION 611 OF THE STANDARD SPECIFICATIONS. IF THE CONTRACT UNIT PRICE IS NOT INCLUDED IN THIS CONTRACT, PAYMENT FOR THIS WORK WILL BE IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
2. THE DIAMETER OF THE PROPOSED PIPE DRAIN SHALL BE EQUAL TO OR GREATER THAN THE EXISTING FIELD TILE. THE DIAMETER HAS BEEN ASSUMED AT 6".
3. THE REINFORCED CONCRETE LID SHALL BE CLASS SI CONCRETE (MISCELLANEOUS) OR PRECAST REINFORCED CONCRETE.



REINFORCED CONCRETE LID DETAIL

BILL OF MATERIAL			
PAY CODE #	ITEM	UNIT	QUANTITY
21301052	EXPLORATION TRENCH 52"	FOOT	50
60100915	PIPE DRAINS, 6"	FOOT	25
61133100	FIELD TILE JUNCTION VAULT, 2' DIAMETER	EACH	1

MODEL: Guardrail_Location 1
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	DRAWN - RTS	REVISED -
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PLOT DATE = 1/31/2020	DATE - 01-27-2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

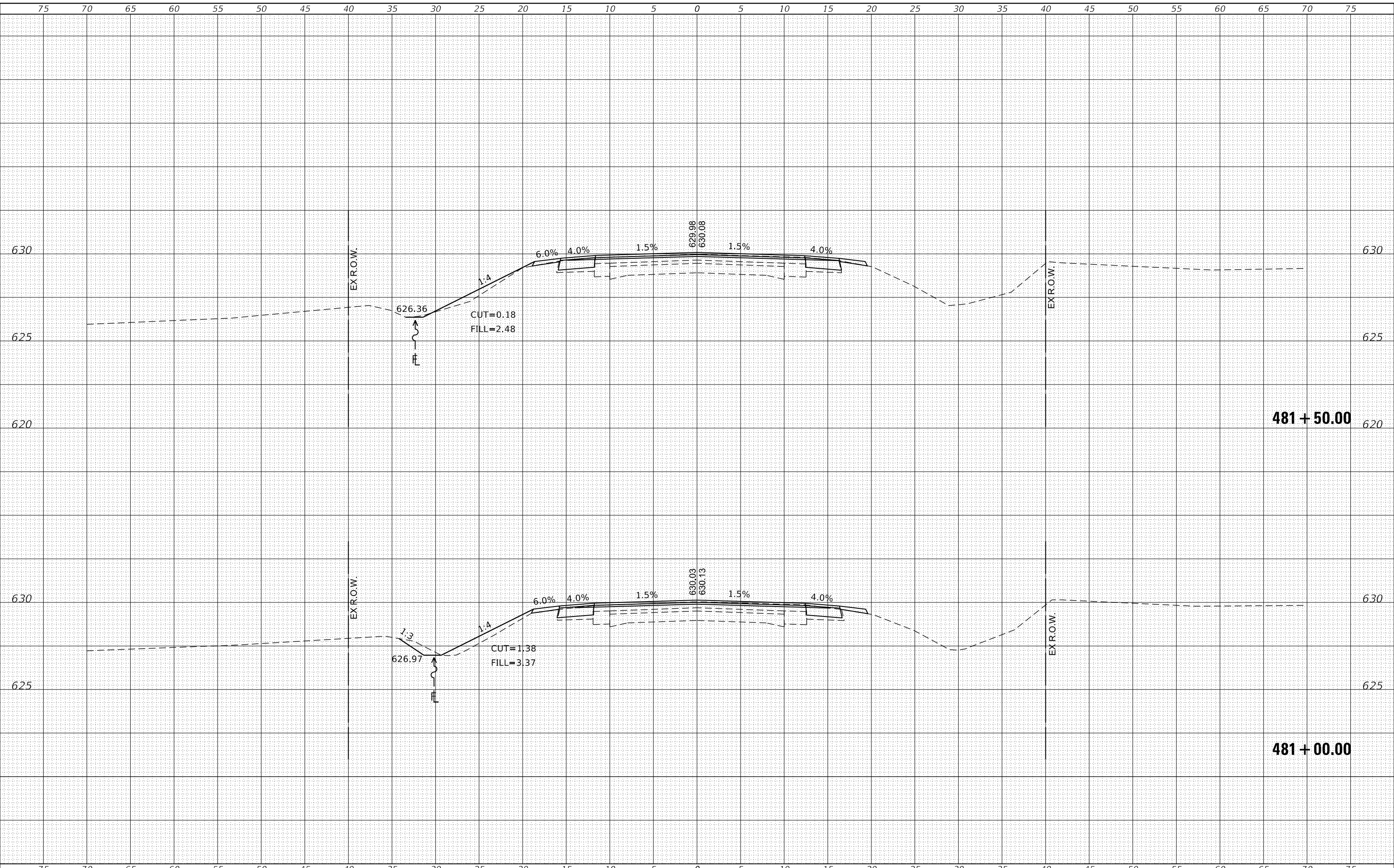
FIELD TILE REPAIR DETAILS			
US 136			
SCALE:	SHEET 1 OF 1 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	72
CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				

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

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

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	DRAWN -	REVISED -
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PLOT DATE = 1/31/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
US 136**

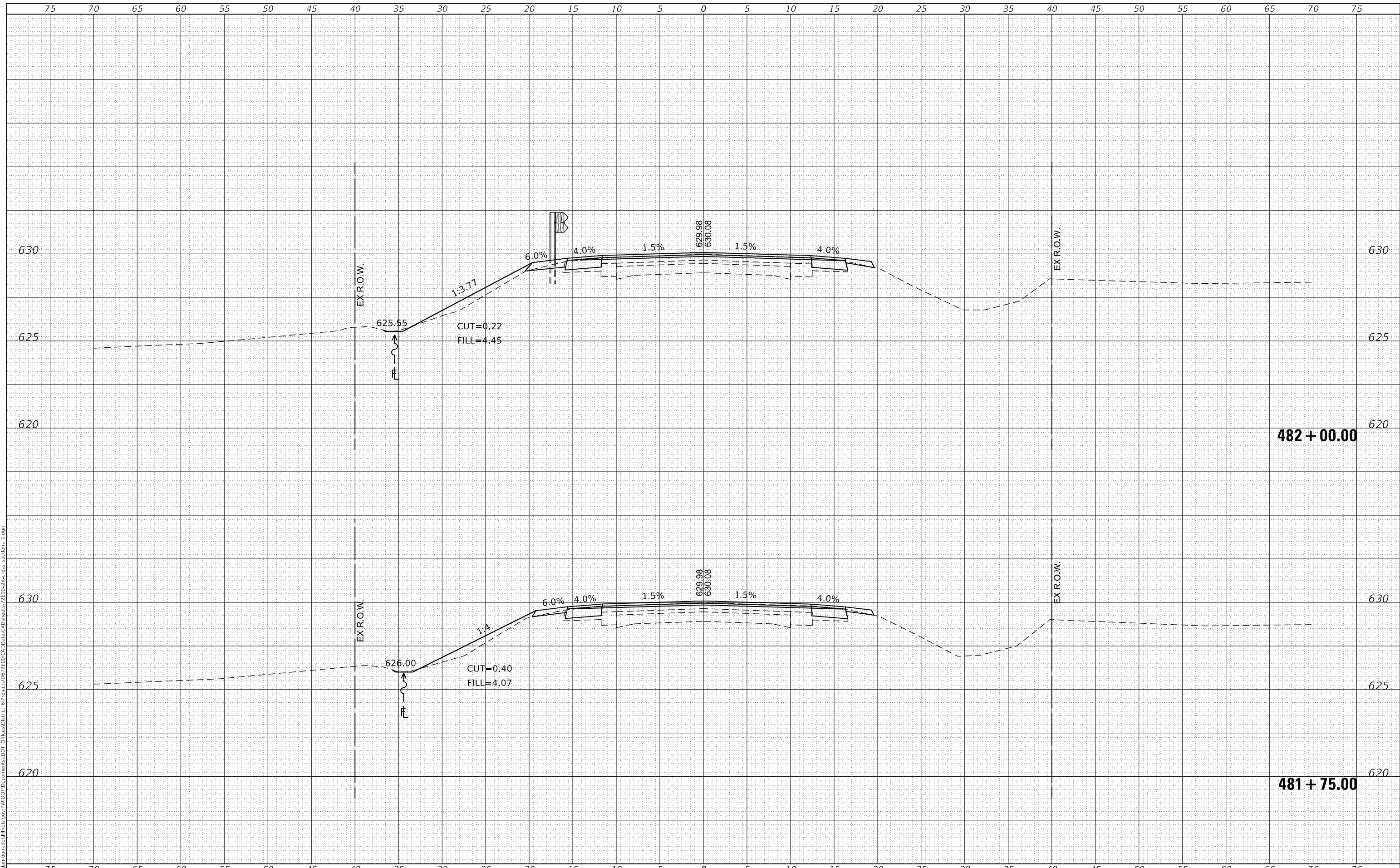
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	73
CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				

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

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ORIGINAL SURVEY NO.	
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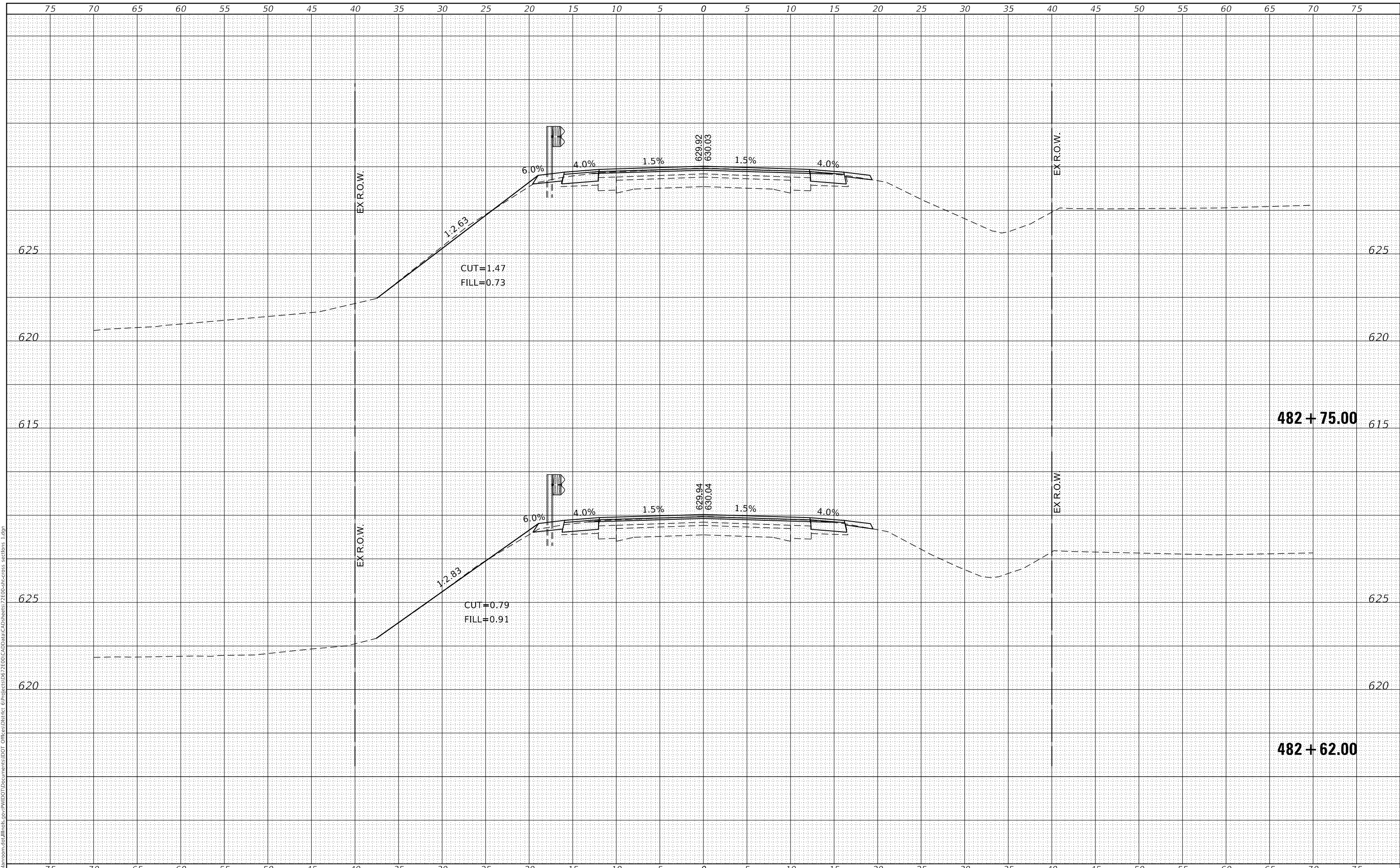


USER NAME = TANJO	DESIGNED -	REvised -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS US 136		F.A.P. RTE. 315	SECTION *	COUNTY LOGAN	TOTAL SHEETS 94	SHEET NO. 74
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PLOT DATE = 1/31/2020	DATE -	REvised -								

DATE	
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TEMPLATE	
AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
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SURVEYED	
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ORIGINAL SURVEY	
NOTE BOOK	
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	DRAWN -	REVISED -
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PLOT DATE = 1/31/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

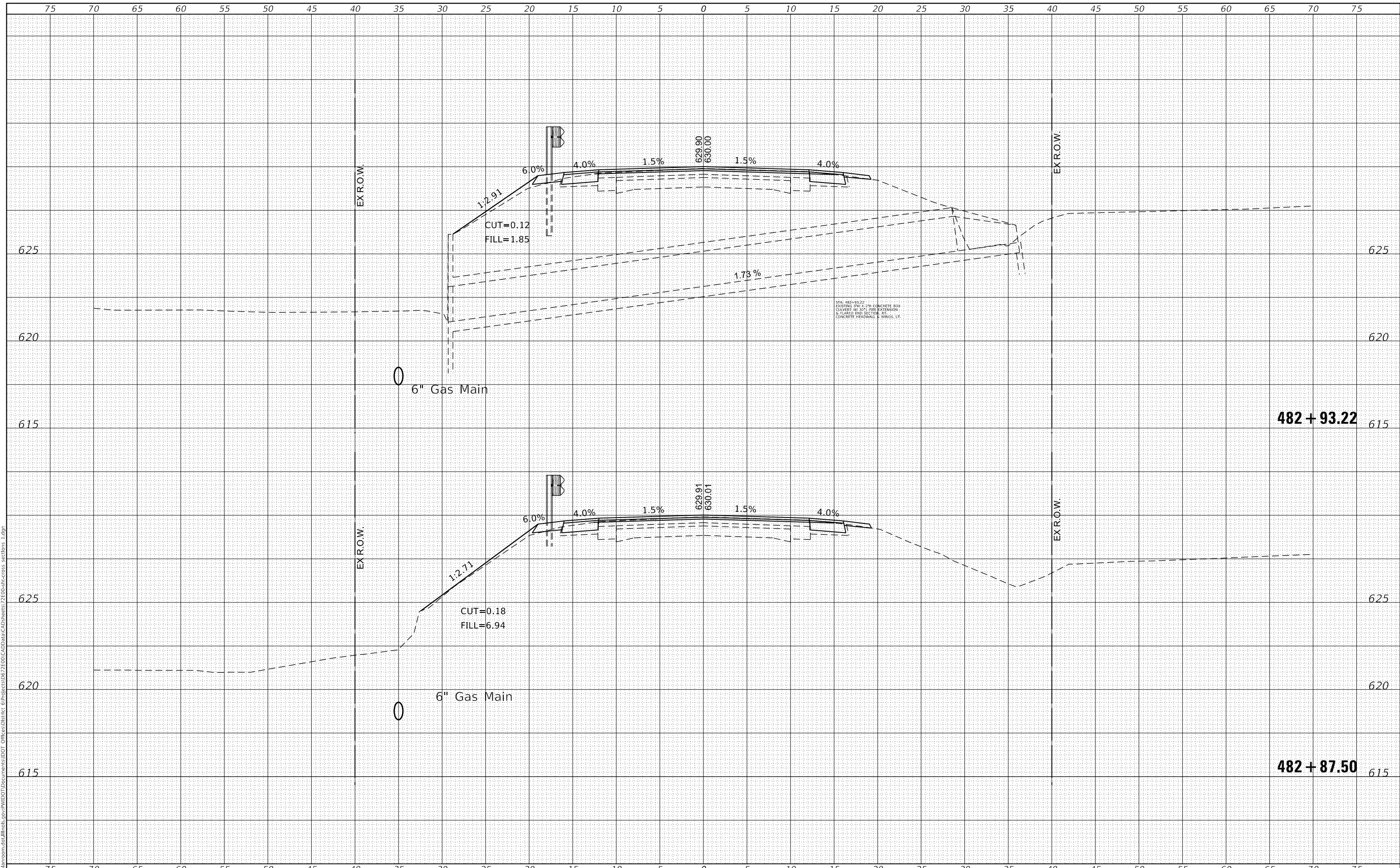
CROSS SECTIONS	
US 136	
SCALE:	SHEET OF SHEETS
STA. 482+62.00 TO STA. 482+75.00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	76
CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				

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

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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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PLOT DATE = 3/12/2020	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

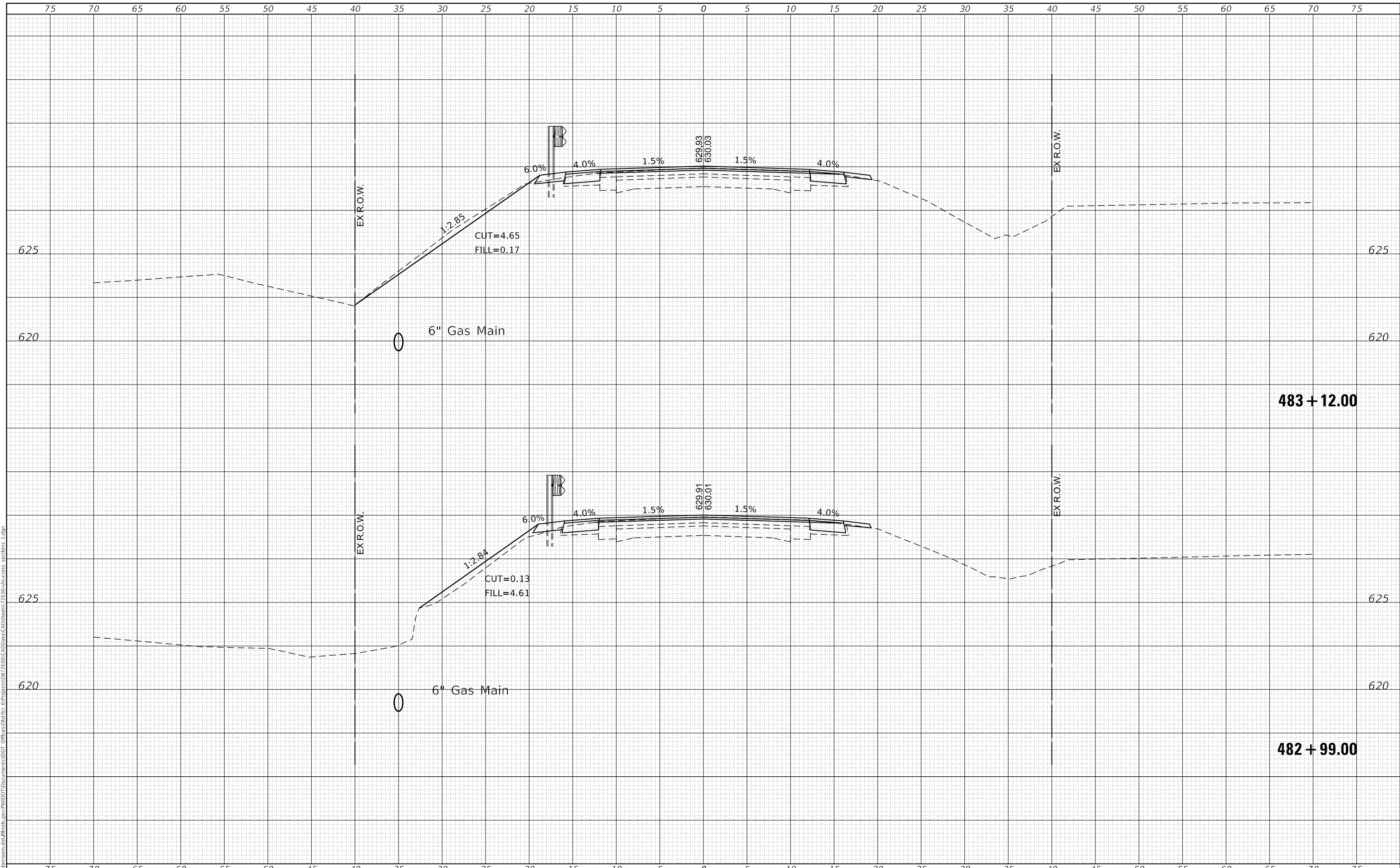
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US 136	
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STA. 482+87.50	TO STA. 482+93.22

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	77
CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				

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

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

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PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/12/2020	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

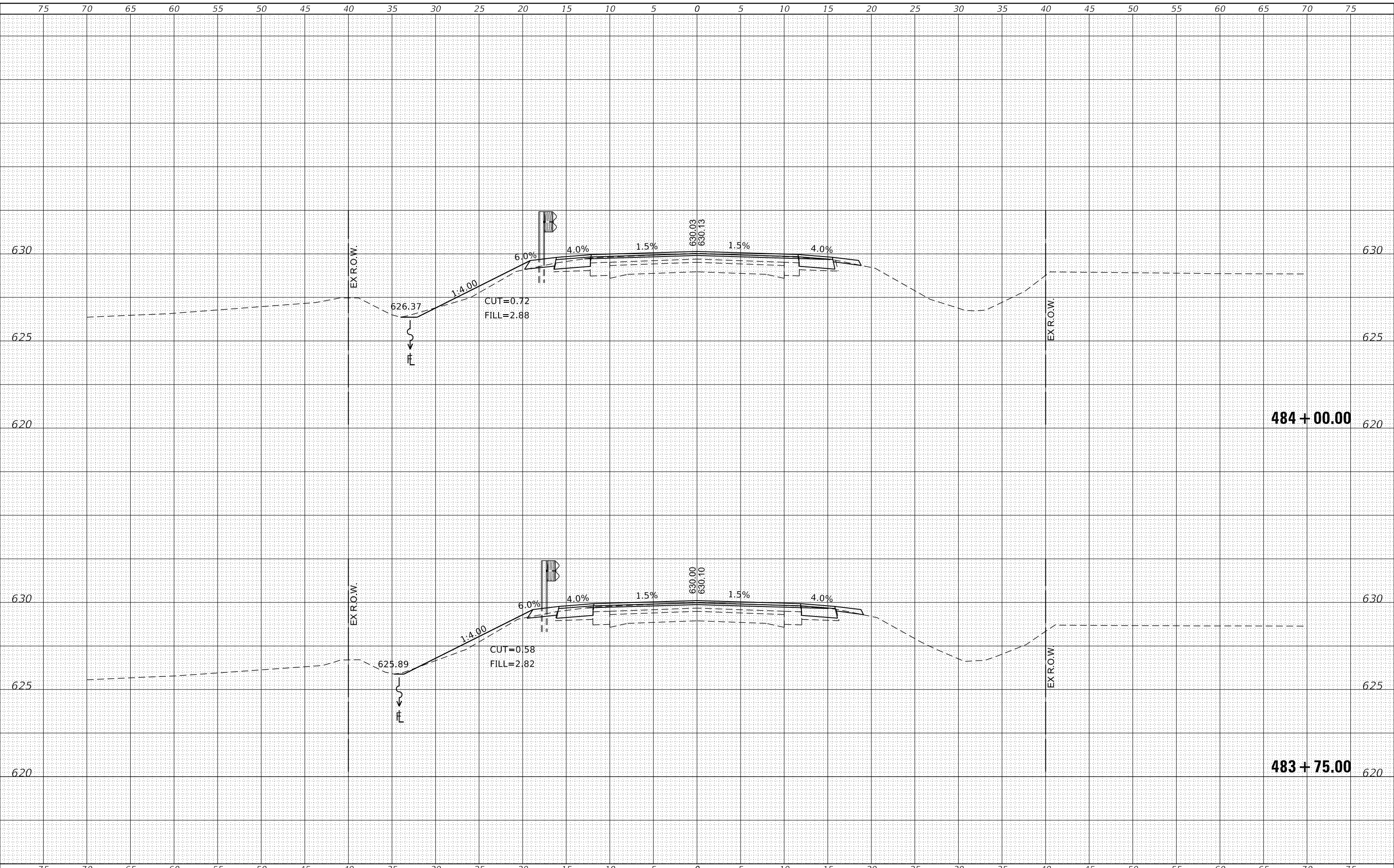
CROSS SECTIONS	
US 136	
SCALE:	SHEET OF SHEETS
STA. 482+99.00 TO STA. 483+12.00	

F.A.P. RTE. 315	SECTION *	COUNTY LOGAN	TOTAL SHEETS 94	SHEET NO. 78
			CONTRACT NO. 72E00	
		ILLINOIS FED. AID PROJECT		

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TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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NOTE BOOK	
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	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/31/2020	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

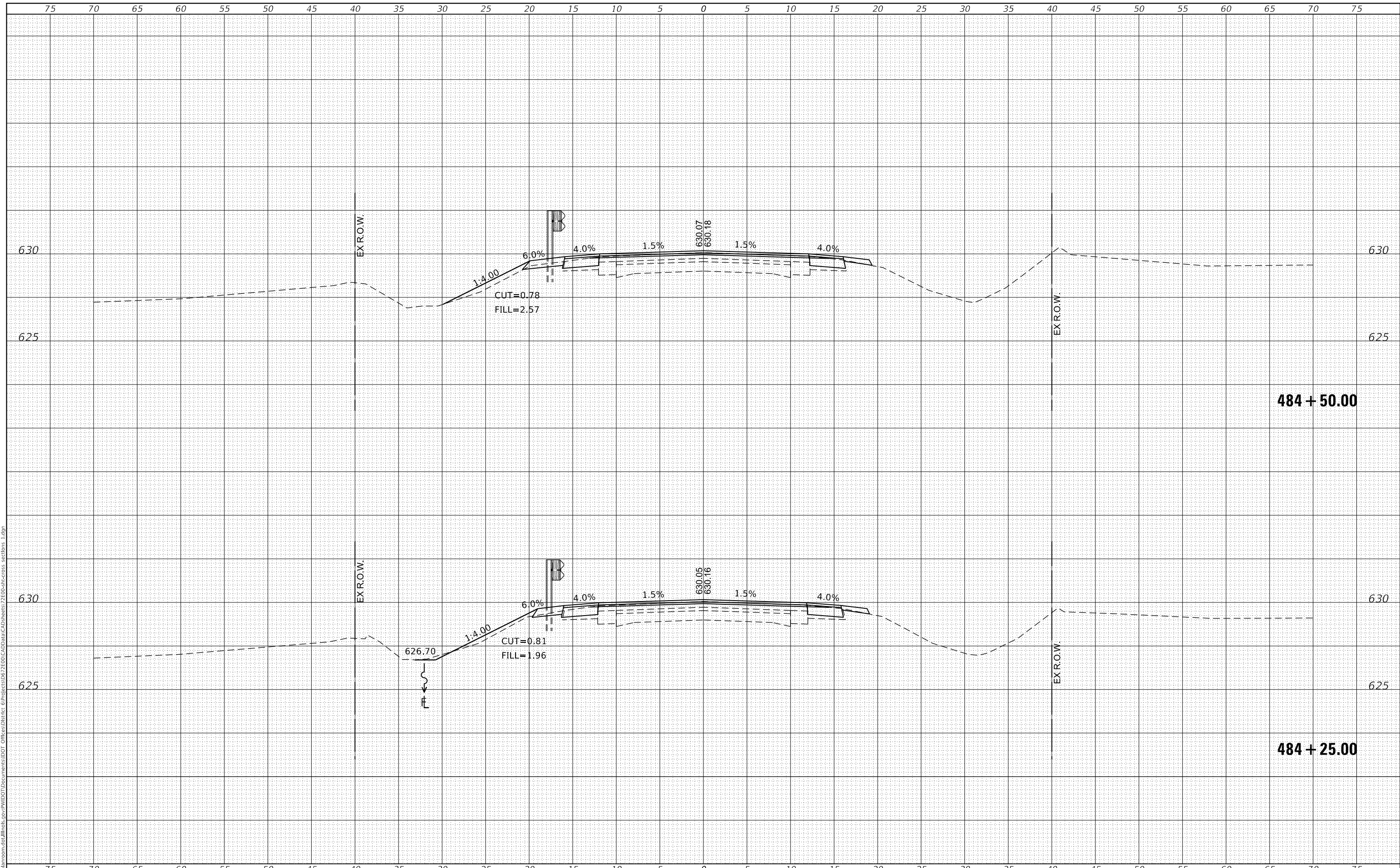
CROSS SECTIONS	
US 136	
SCALE:	SHEET OF SHEETS
STA. 483+75.00	TO STA. 484+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	80
CONTRACT NO. 72E00				
ILLINOIS		FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
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ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
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USER NAME = TANJO	DESIGNED -	REVISED -
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PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/31/2020	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

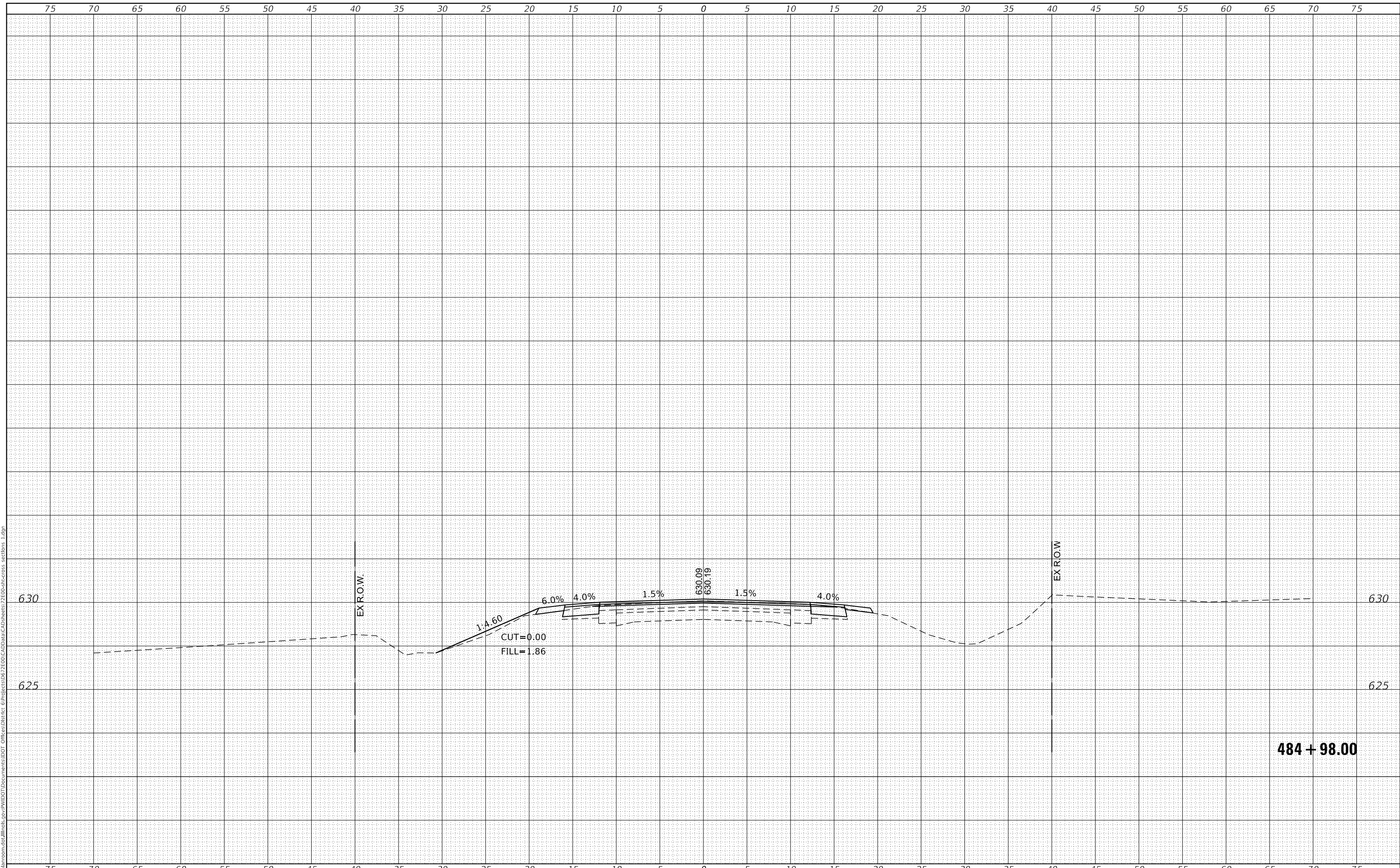
CROSS SECTIONS	
US 136	
SCALE:	SHEET OF SHEETS
STA. 484+25.00	TO STA. 484+50.00

F.A.P. RTE. 315	SECTION *	COUNTY LOGAN	TOTAL SHEETS 94	SHEET NO. 81
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72E00	

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

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

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484 + 98.00

USER NAME = TANJO	DESIGNED -	REVISED -
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PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/31/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

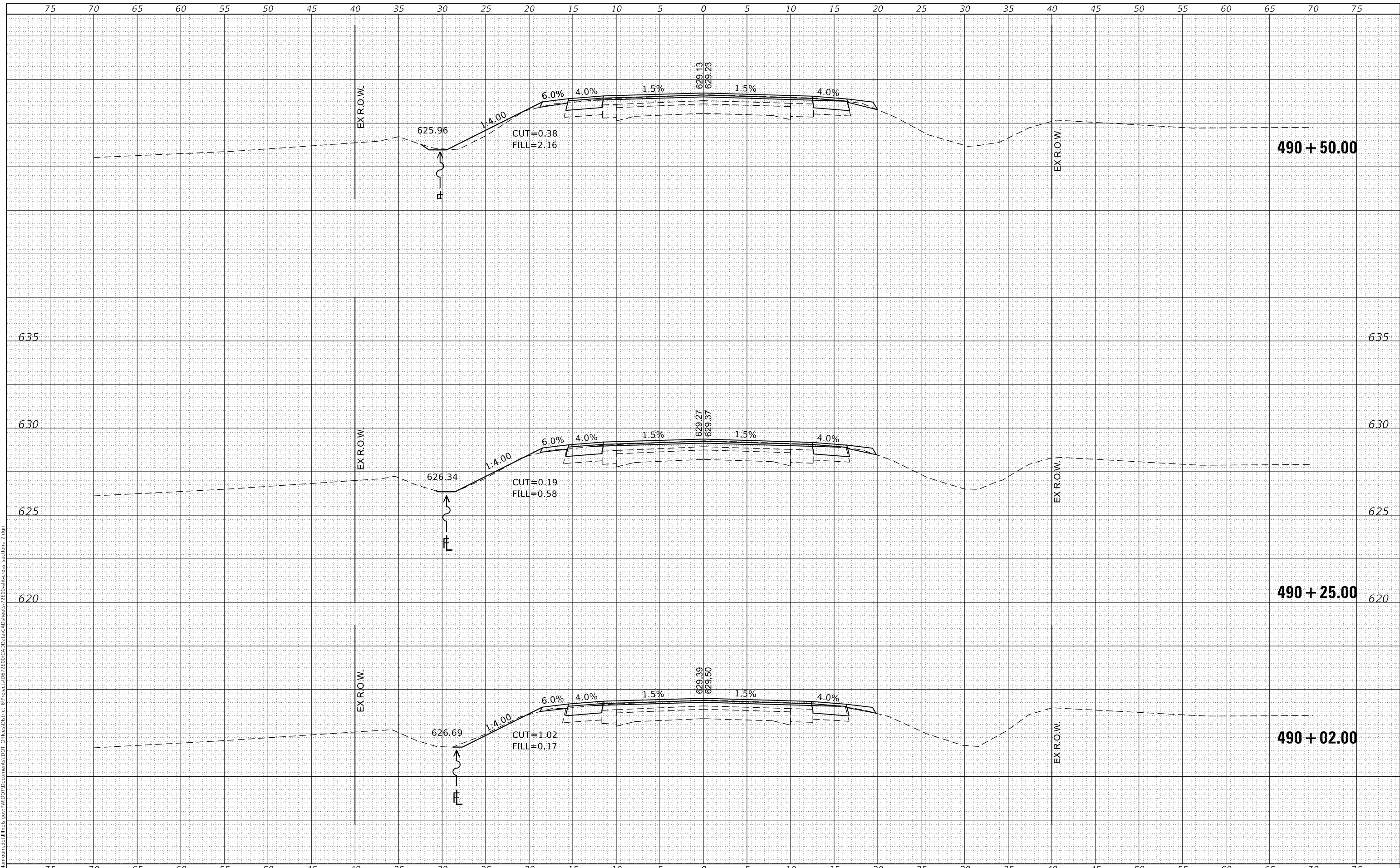
CROSS SECTIONS	
US 136	
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STA. 484+98.00	TO STA. 484+98.00

F.A.P. RTE. 315	SECTION *	COUNTY LOGAN	TOTAL SHEETS 94	SHEET NO. 82
			CONTRACT NO. 72E00	
		ILLINOIS FED. AID PROJECT		

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FINAL SURVEY	
NOTE BOOK	
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ORIGINAL SURVEY	
NOTE BOOK	
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PLOT DATE = 1/31/2020	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

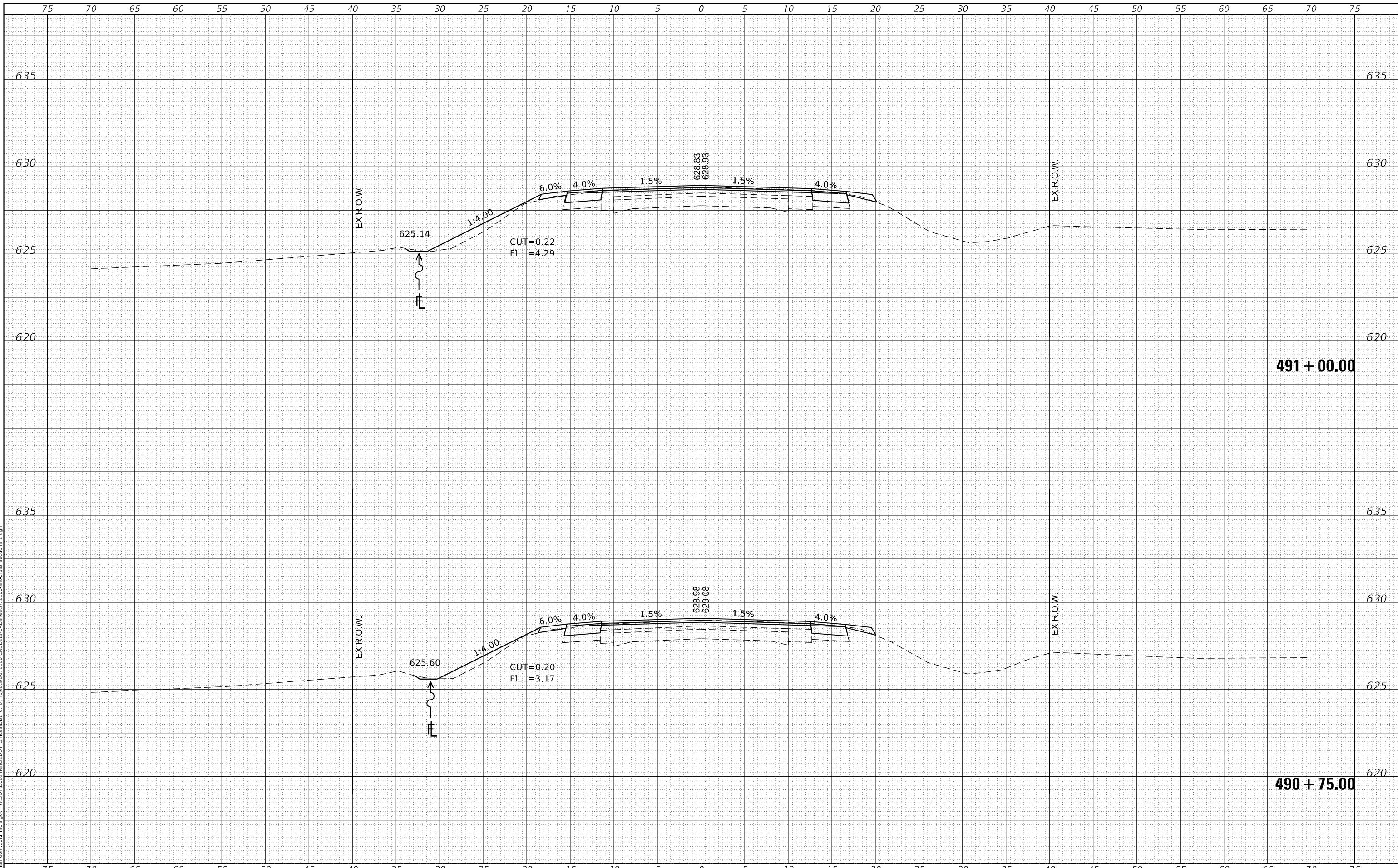
CROSS SECTIONS	
US 136	
SCALE:	SHEET OF SHEETS
STA. 490+02.00 TO STA. 490+50.00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	83
CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				

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

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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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PLOT DATE = 1/31/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

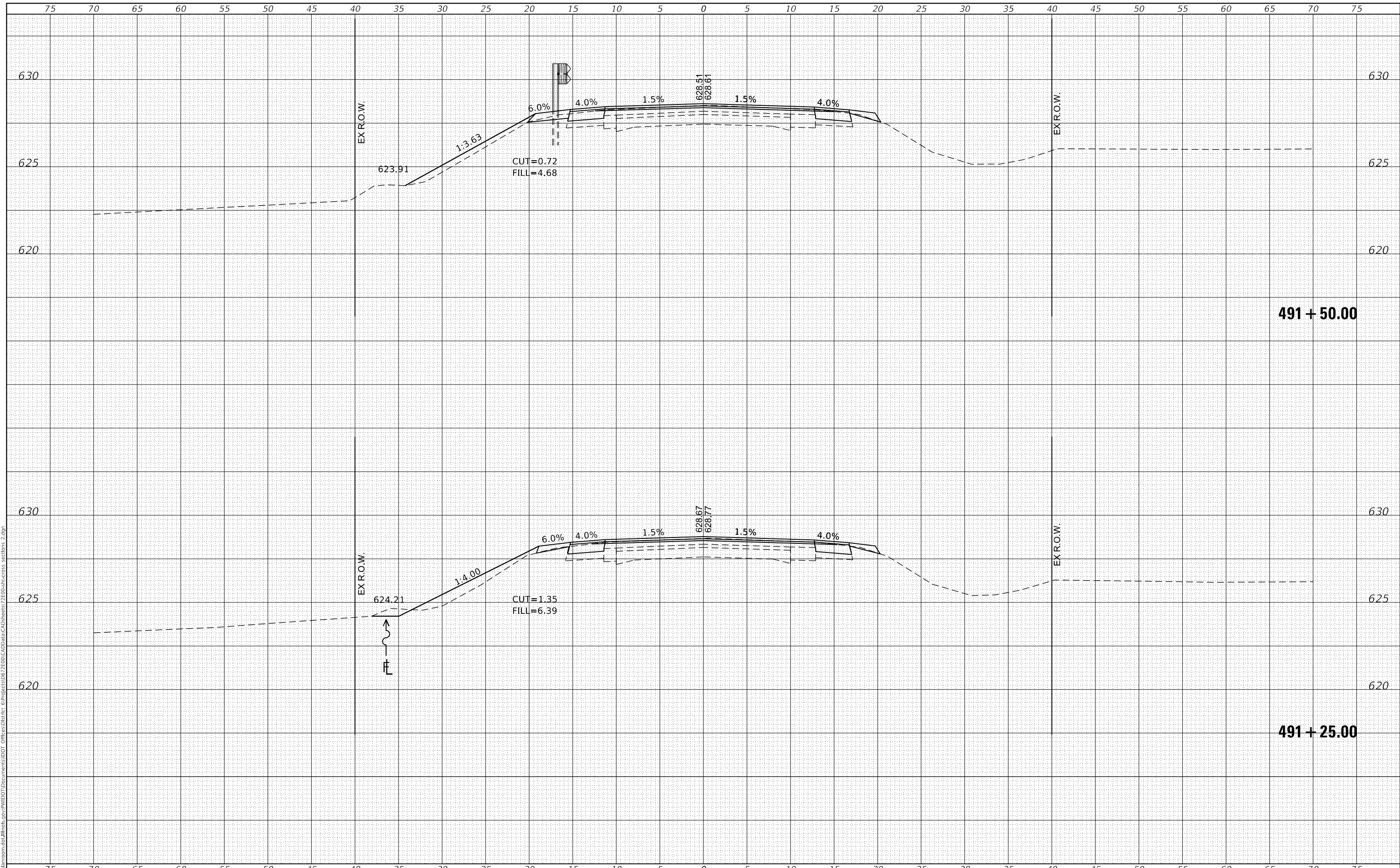
CROSS SECTIONS	
US 136	
SCALE:	SHEET OF SHEETS
STA. 490+75.00 TO STA. 491+00.00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	84
CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				

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

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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

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PLOT DATE = 1/31/2020	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

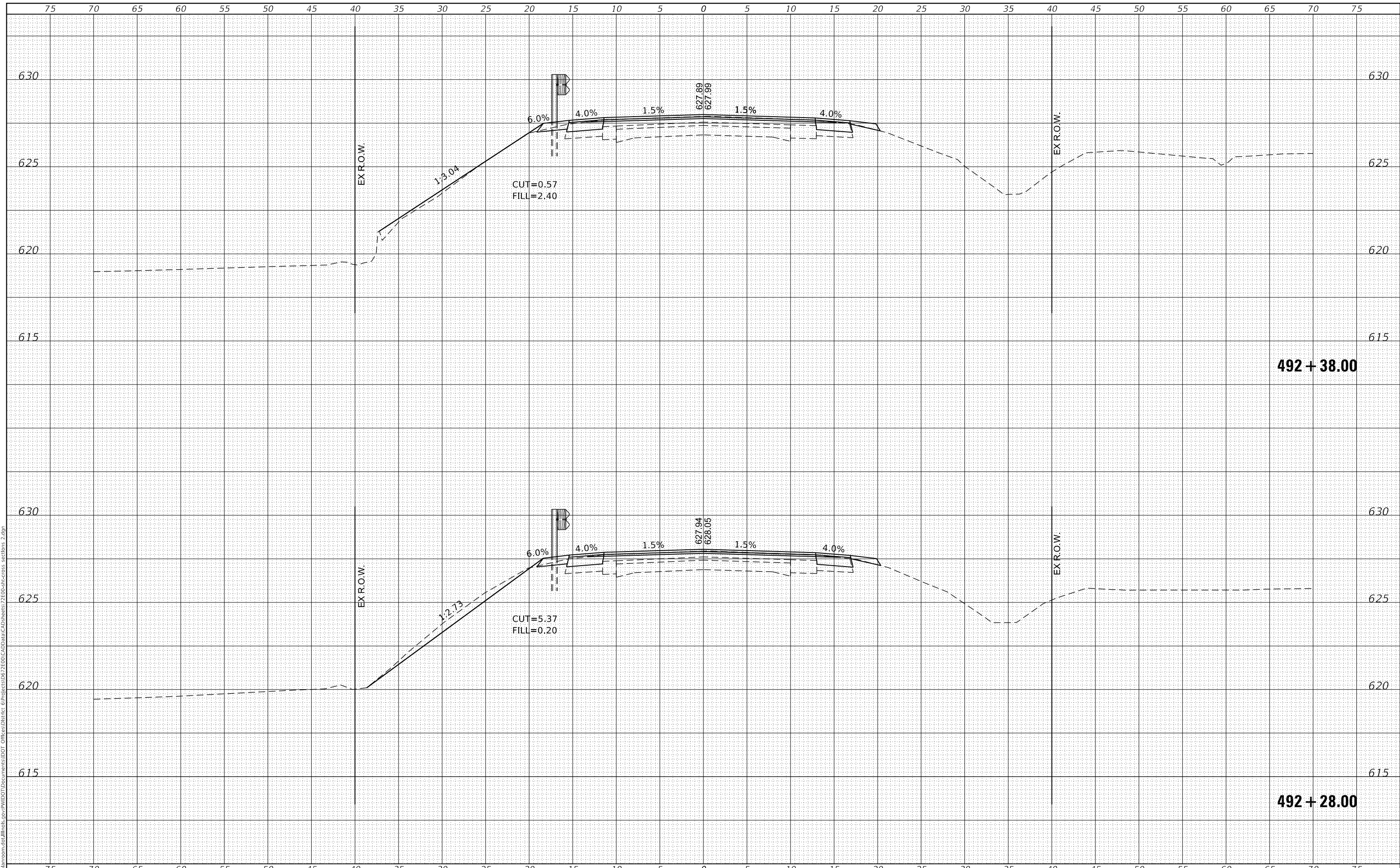
CROSS SECTIONS	
US 136	
SCALE:	SHEET OF SHEETS
STA. 491+25.00	TO STA. 491+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	85
CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				

DATE	
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SURVEYED	
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FINAL SURVEY NO.	
NOTE BOOK NO.	
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ORIGINAL SURVEY NO.	
NOTE BOOK NO.	
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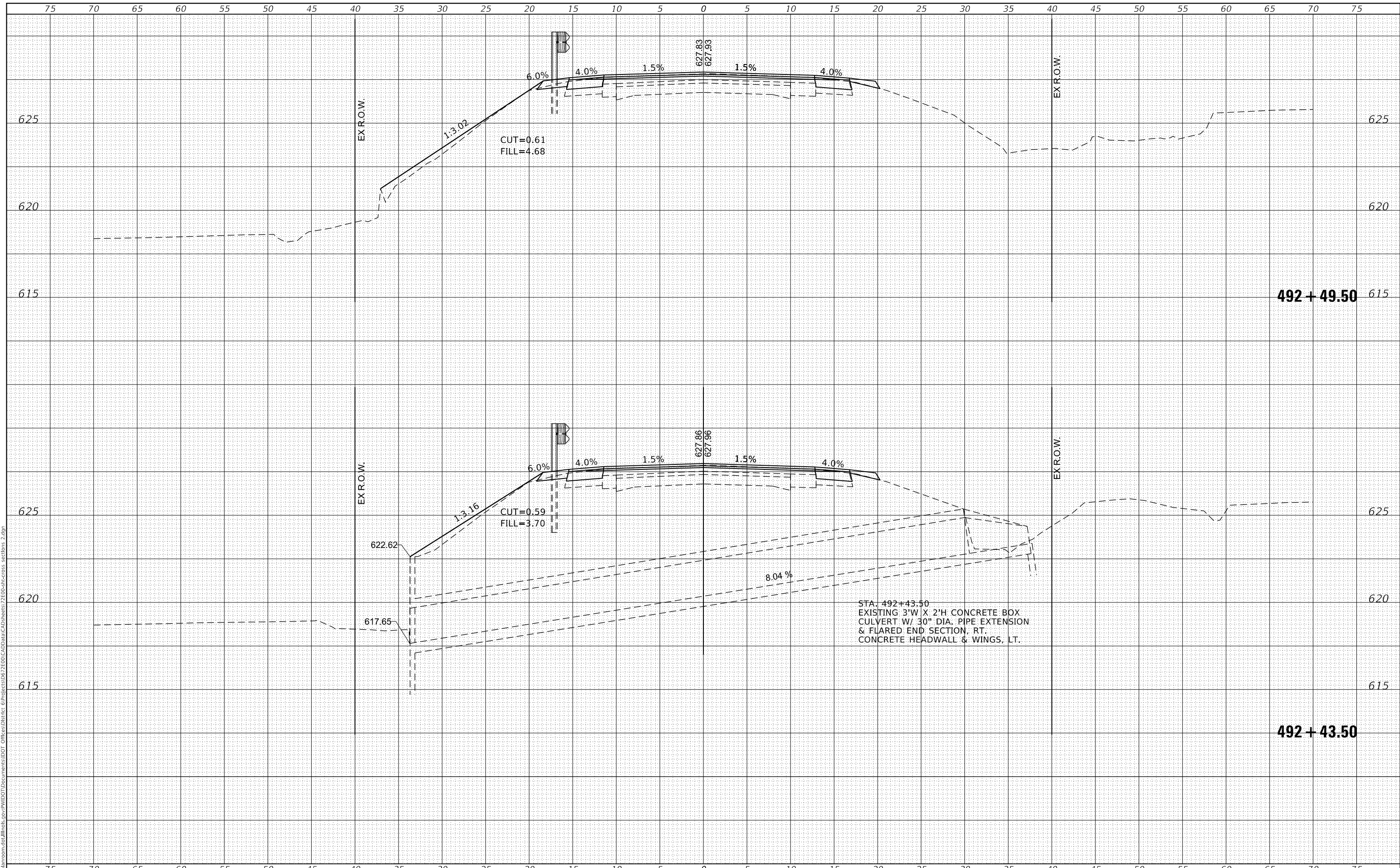


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PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -		SCALE:	SHEET OF SHEETS	STA. 492+28.00 TO STA. 492+38.00	CONTRACT NO. 72E00		ILLINOIS FED. AID PROJECT		
PLOT DATE = 1/31/2020	CHECKED -	REVISED -									
	DATE -	REVISED -									

DATE	
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FINAL SURVEY	
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ORIGINAL SURVEY	
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

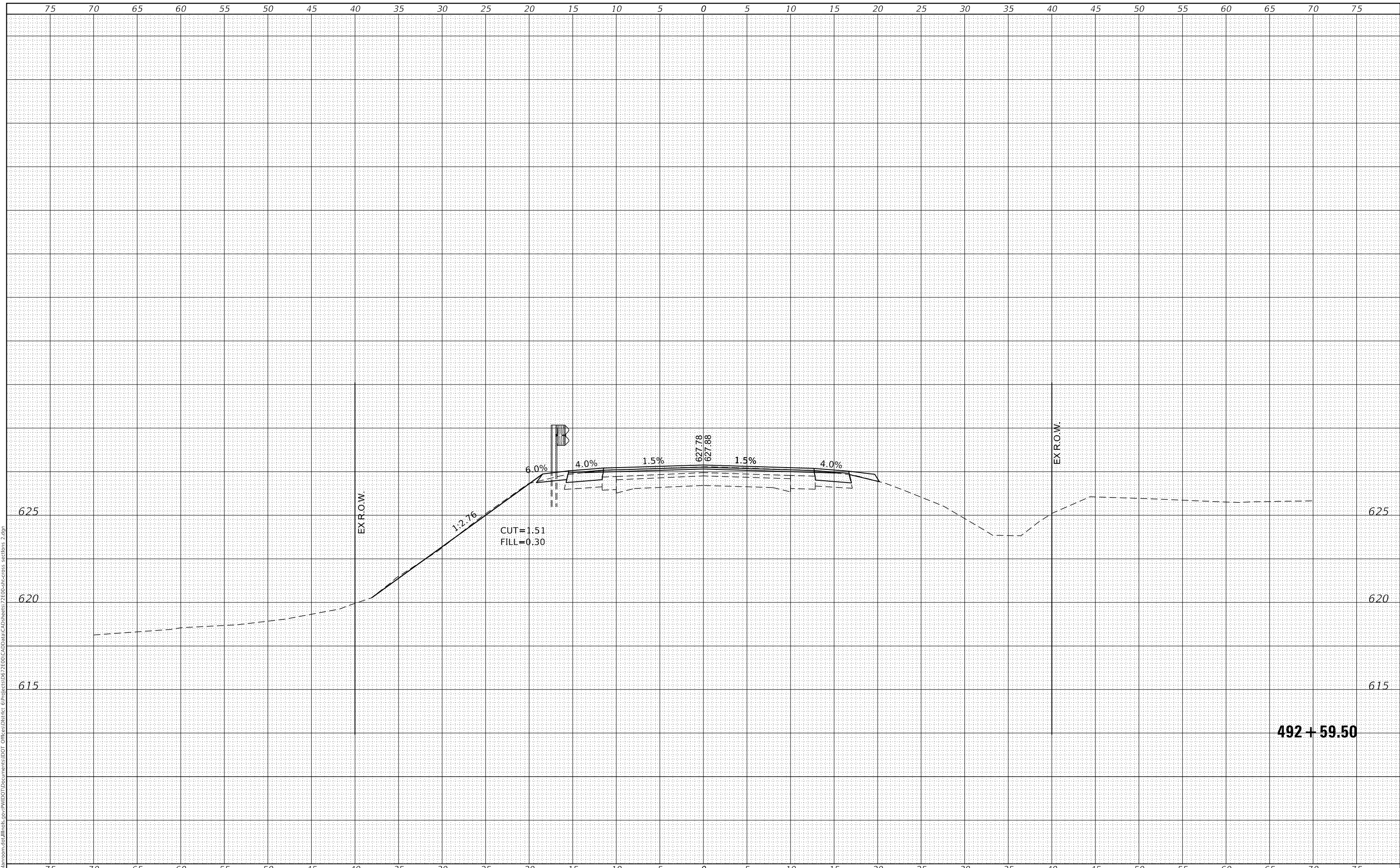
CROSS SECTIONS	
US 136	
SCALE:	SHEET OF SHEETS
STA. 492+43.50 TO STA. 492+49.50	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	88
CONTRACT NO. 72E00				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	
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ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
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PLOT DATE = 1/31/2020	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

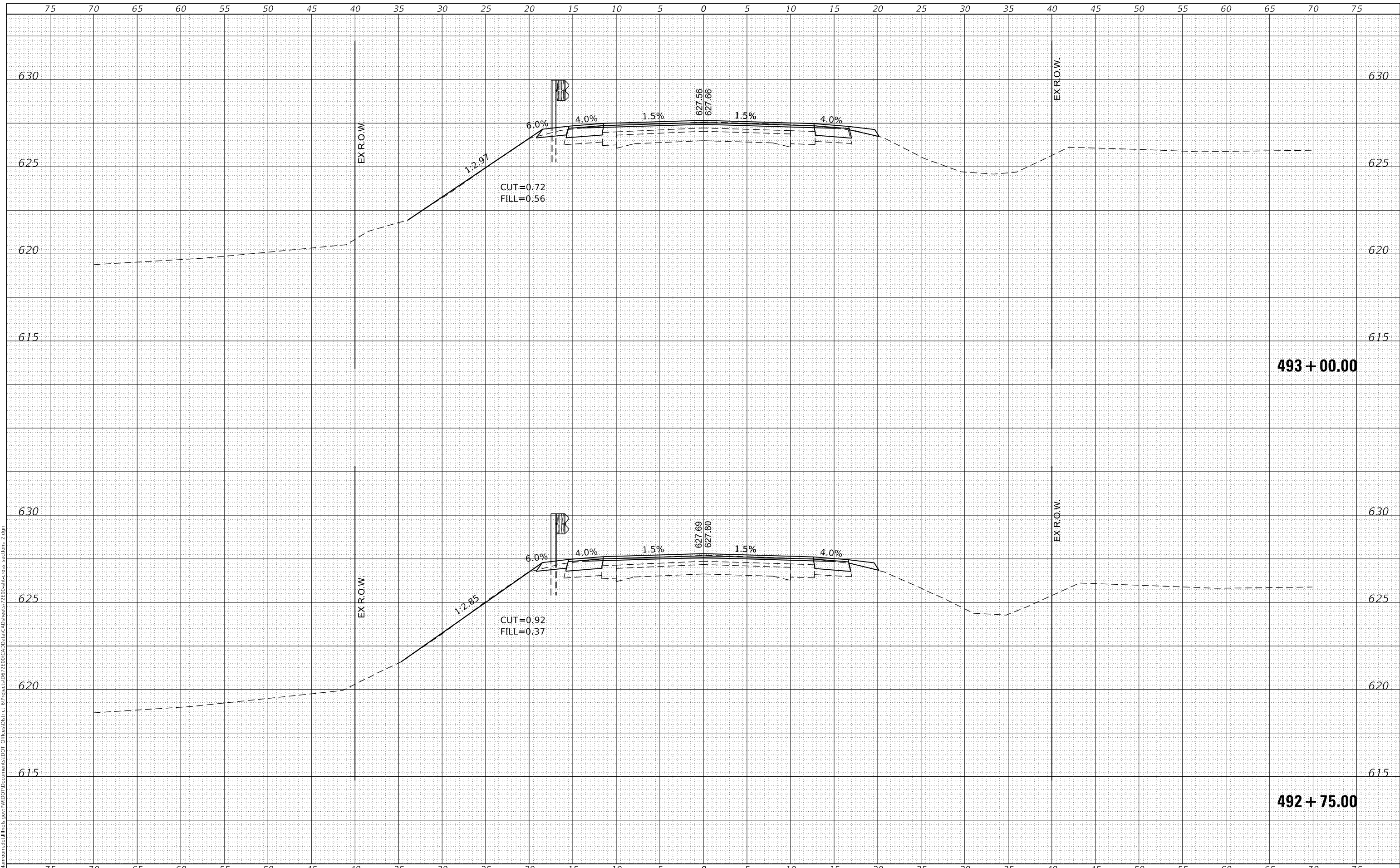
CROSS SECTIONS	
US 136	
SCALE:	SHEET OF SHEETS
STA. 492+59.50	TO STA. 492+59.50

F.A.P. RTE. 315	SECTION *	COUNTY LOGAN	TOTAL SHEETS 94	SHEET NO. 89
			CONTRACT NO. 72E00	
		ILLINOIS FED. AID PROJECT		

DATE	
BY	
SURVEYED	
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FINAL SURVEY NO.	
NOTE BOOK NO.	
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

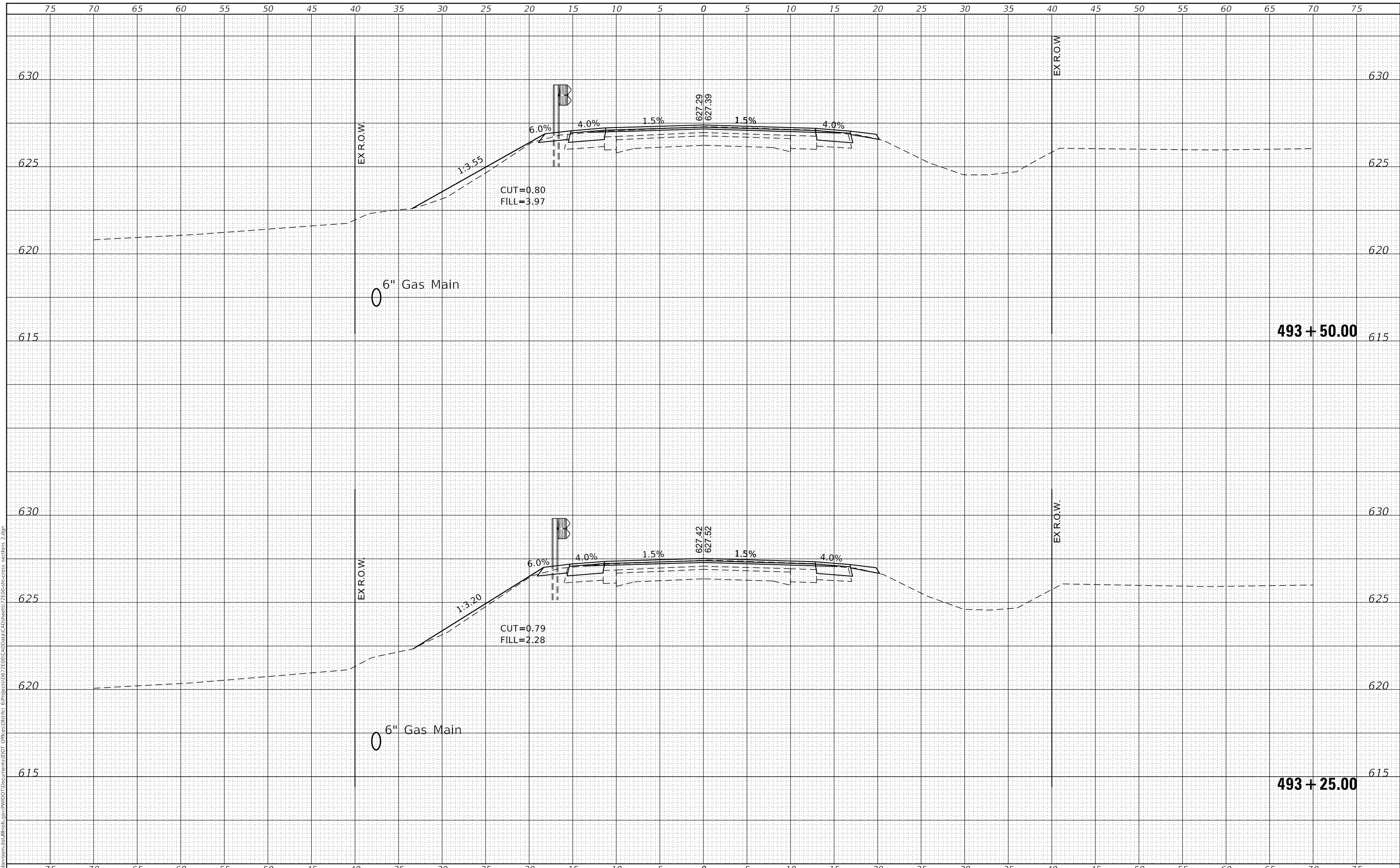
CROSS SECTIONS US 136	
SCALE:	SHEET OF SHEETS
STA. 492+75.00 TO STA. 493+00.00	

F.A.P. RTE. 315	SECTION *	COUNTY LOGAN	TOTAL SHEETS 94	SHEET NO. 90
CONTRACT NO. 72E00			ILLINOIS FED. AID PROJECT	

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

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USER NAME = TANJO	DESIGNED -	REVISED -
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PLOT DATE = 3/12/2020	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

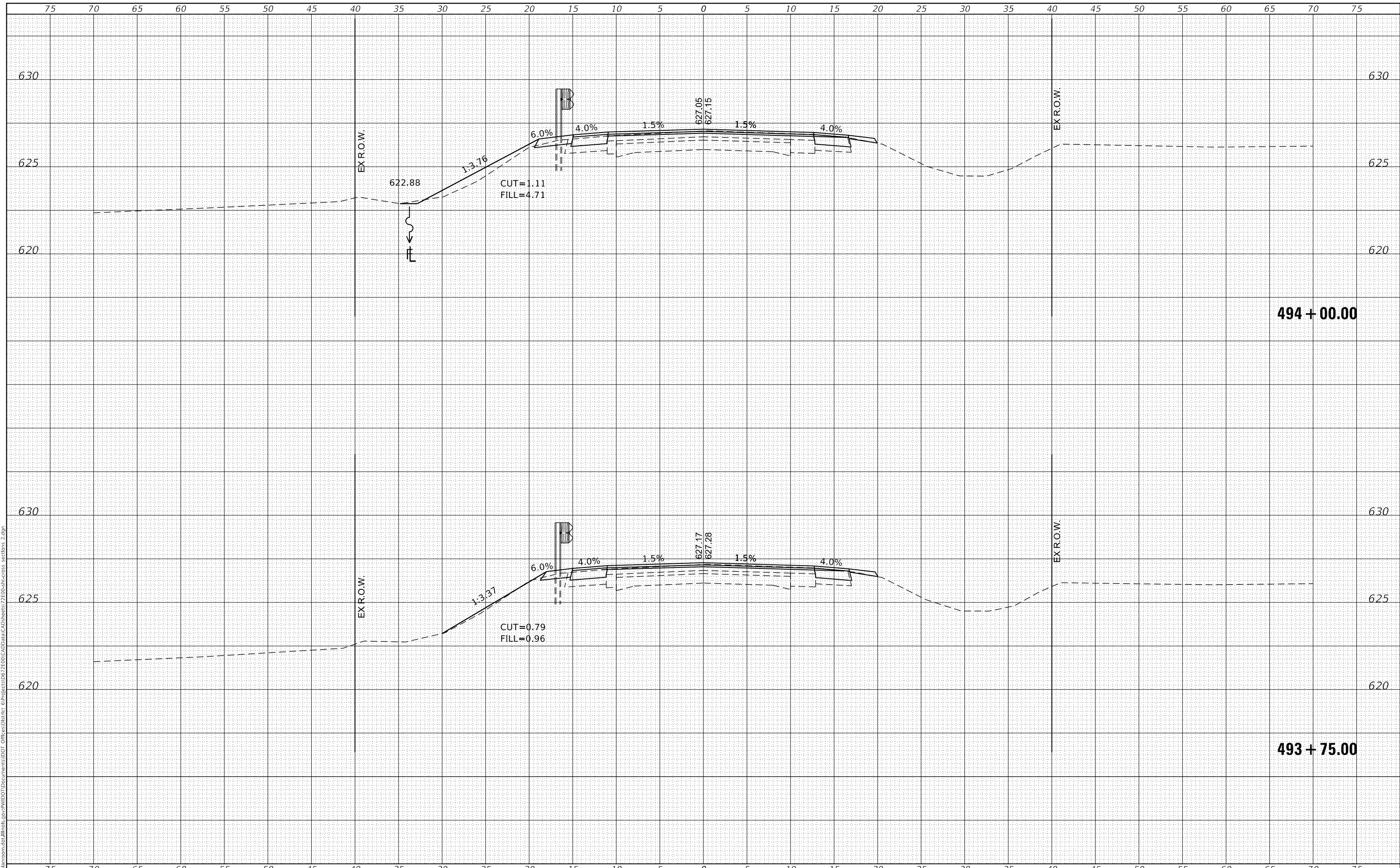
CROSS SECTIONS	
US 136	
SCALE:	SHEET OF SHEETS
STA. 493+25.00	TO STA. 493+50.00

F.A.P. RTE. 315	SECTION *	COUNTY LOGAN	TOTAL SHEETS 94	SHEET NO. 91
CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				

DATE	
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SURVEYED	
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TEMPLATE	
AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
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DATE	
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PLOTTED	
TEMPLATE	
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ORIGINAL SURVEY	
NOTE BOOK	
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USER NAME = TANJO	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/31/2020	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

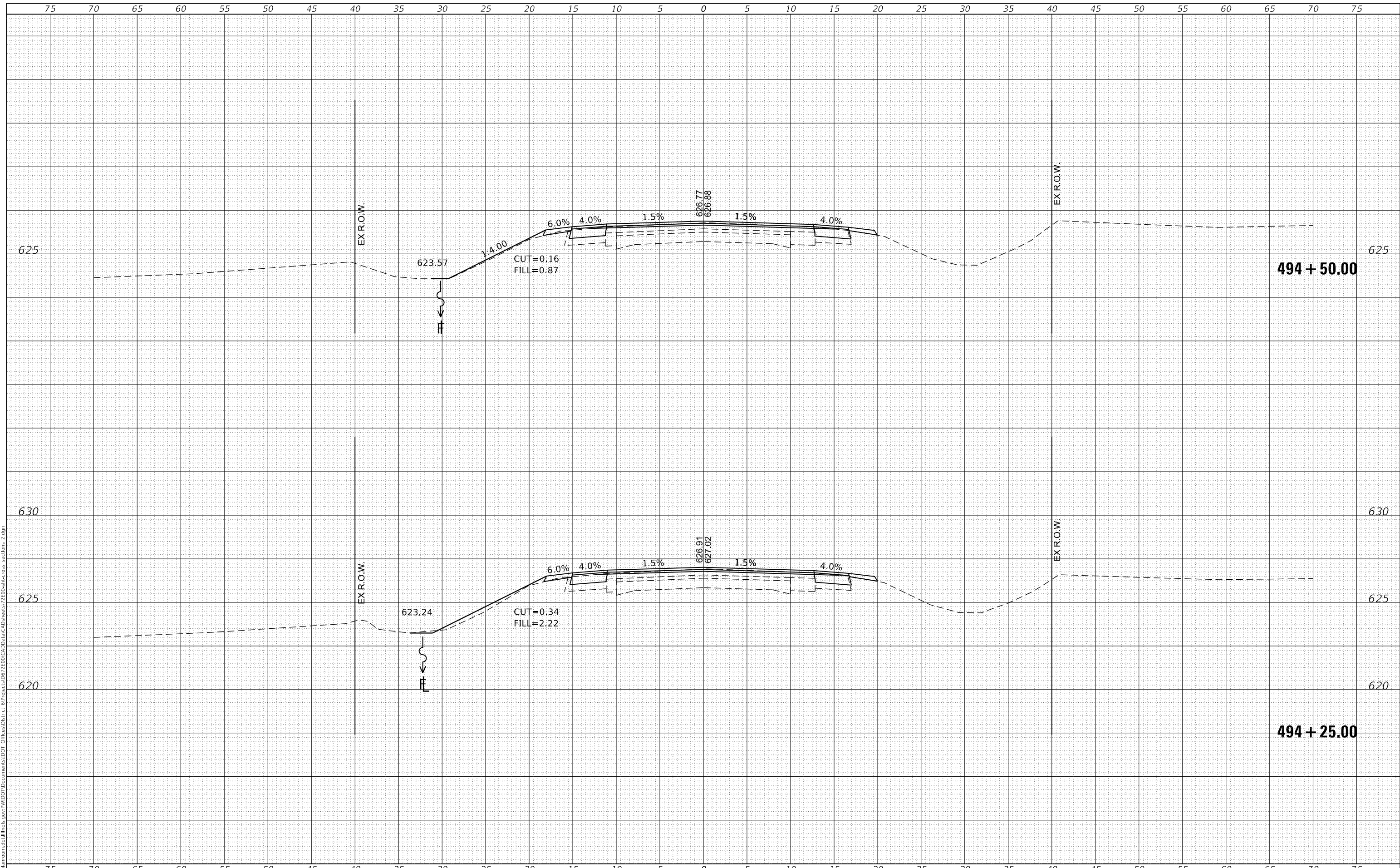
CROSS SECTIONS	
US 136	
SCALE:	SHEET OF SHEETS
STA. 493+75.00 TO STA. 494+00.00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	LOGAN	94	92
CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

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USER NAME = TANJO	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/31/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

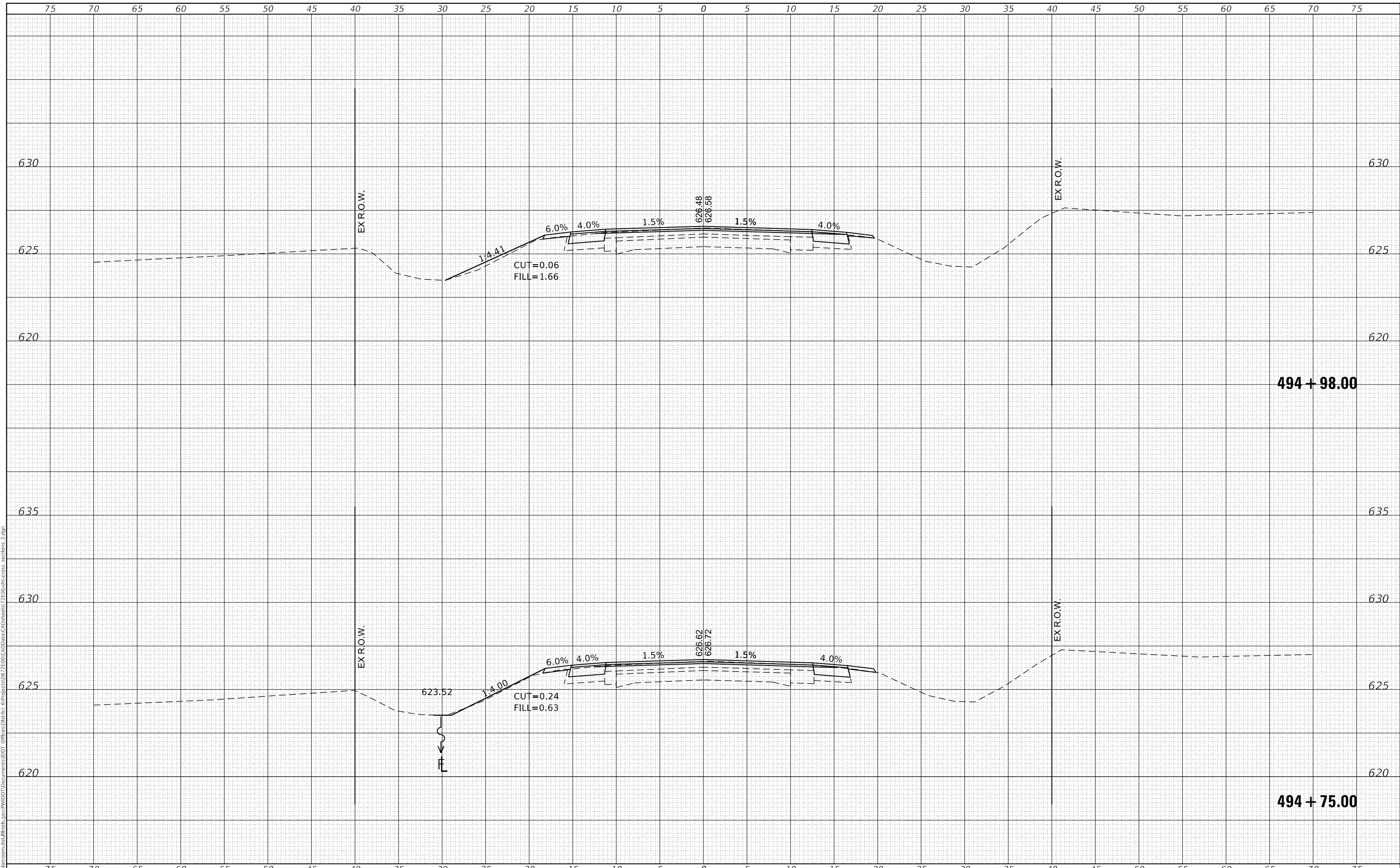
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STA. 494+25.00 TO STA. 494+50.00	

F.A.P. RTE. 315	SECTION *	COUNTY LOGAN	TOTAL SHEETS 94	SHEET NO. 93
CONTRACT NO. 72E00				
ILLINOIS FED. AID PROJECT				

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

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

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USER NAME = TANJO	DESIGNED -	REVISD -
	DRAWN -	REVISD -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISD -
PLOT DATE = 1/31/2020	DATE -	REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS US 136	
SCALE:	SHEET OF SHEETS
STA. 494+75.00 TO STA. 494+98.00	

F.A.P. RTE. 315	SECTION *	COUNTY LOGAN	TOTAL SHEETS 94	SHEET NO. 94
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72E00	