

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	**	CHRISTIAN	64	1
		ILLINOIS	CONTRACT NO. 72799	
Long Section Number: (135RS-7, 136RS-4, 137RS-5)SW				

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROPOSED HIGHWAY PLANS

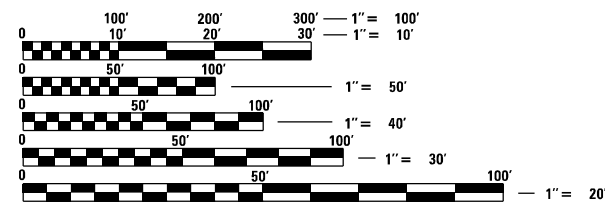
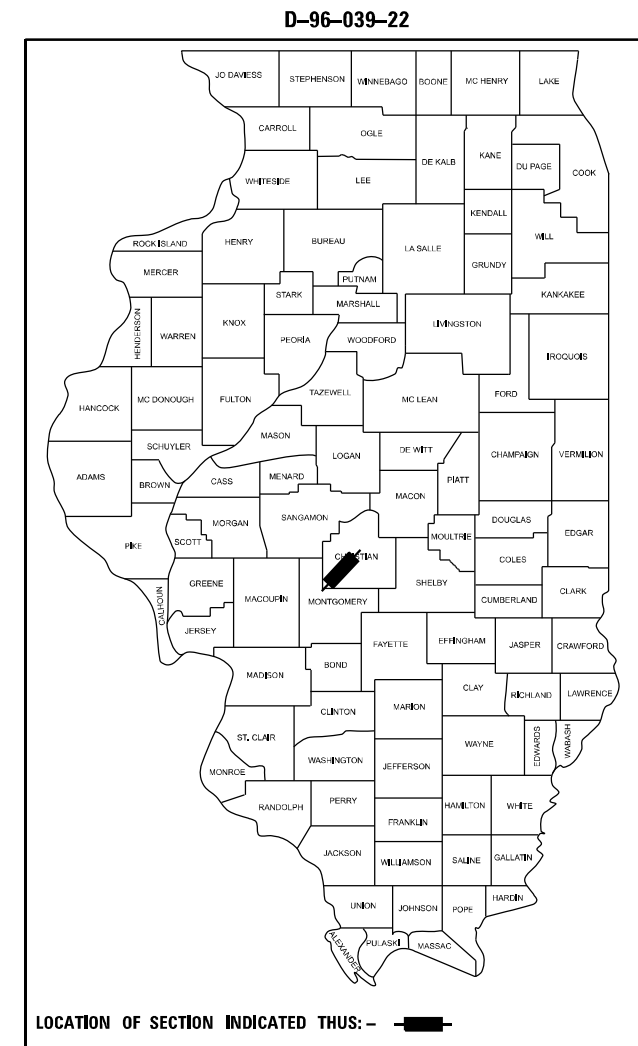
FAP ROUTE 714 (IL 48)
SECTION (135RS-7, 136RS-4, 137RS-5)SW
PROJECT STP-FJWP(497)
RESURFACING AND ADA IMPROVEMENTS
CHRISTIAN COUNTY

ROADWAY CLASSIFICATION
MINOR ARTERIAL

AVERAGE DAILY TRAFFIC YEAR 2021

ADT: 2,618 (SU = 3.10%, MU = 12.95%)

C-96-047-22

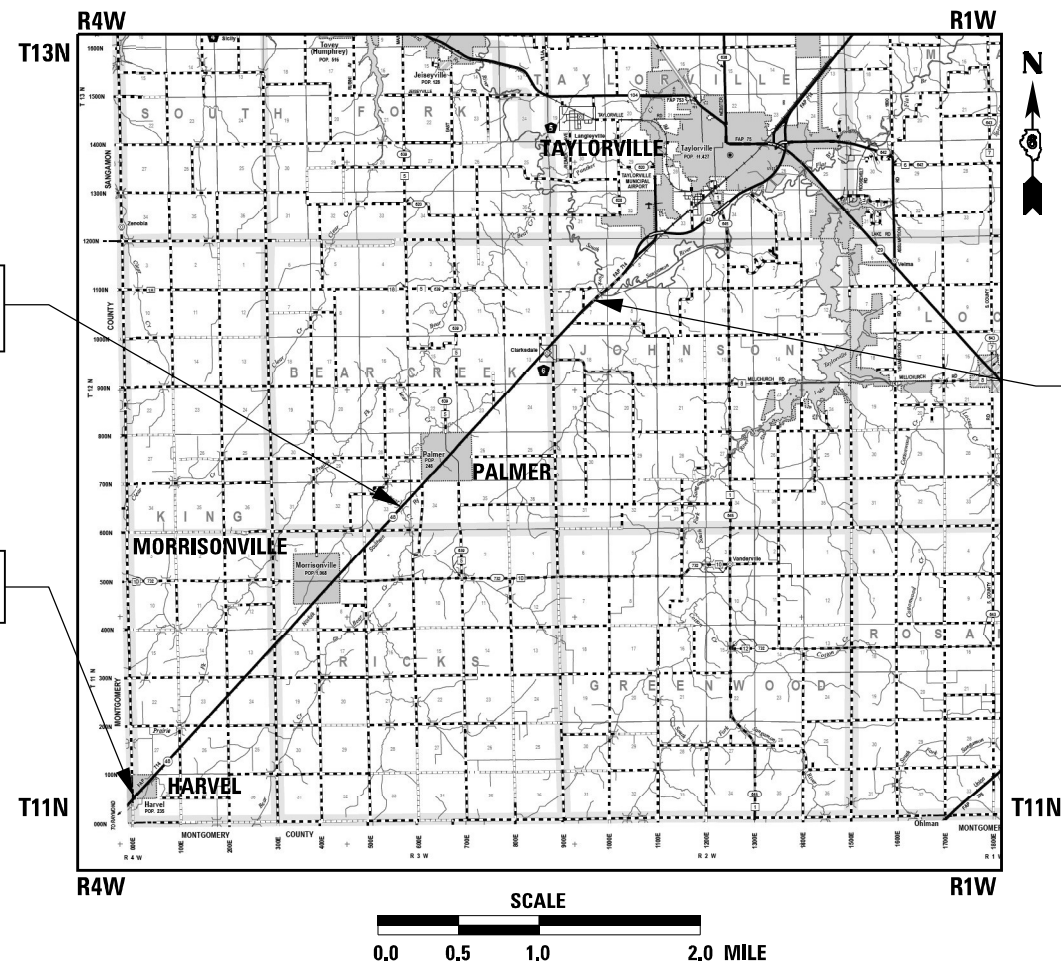


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER JON KELLEY (217) 785-2739
PROJECT MANAGER CHRIS SIEFERT (217) 524-7940

CONTRACT NO. 72799



BRIDGE OMISSION
STATION 625 + 82.13 TO
STATION 628 + 19.94

BEGIN PROJECT
STATION 191 + 86.72

END PROJECT
STATION 933 + 50.00

GROSS LENGTH = 74,163.3 FT. = 14.05 MILE
NET LENGTH = 73,925.5 FT. = 14.00 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 31, 2023
Jon P. Myer REGIONAL ENGINEER
May 12, 2023 *Scott A. Etkin* ENGINEER OF DESIGN AND ENVIRONMENT
May 12, 2023 *Stephen M. Smith* DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

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HIGHWAY STANDARDS

NO.	DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
630001-12	STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEED >= 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >= 45 MPH
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS DAY ONLY
701326-04	LANE CLOSURE 2L, 2W PAVEMENT WIDENING, FOR SPEEDS >= 45 MPH
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
420001-10	PAVEMENT JOINTS
420701-03	PAVEMENT WELDED WIRE REINFORCEMENT
630101-10	STRONG POST GUARDRAIL ATTACHED TO CULVERT
630106-02	LONG-SPAN GUARDRAIL OVER CULVERT
631011-10	TRAFFIC BARRIER TERMINAL, TYPE 2
667101-02	PERMANENT SURVEY MARKERS
725001-01	OBJECT AND TERMINAL MARKERS

GENERAL NOTES

- THE CONTRACTOR SHALL NOTIFY THE DISTRICT 6 BUREAU OF OPERATIONS AT (217) 785-5306 THREE (3) WEEKS PRIOR TO IMPLEMENTING ANY TRAFFIC CONTROL.
- THE DISTRICT 6 BUREAU OF OPERATIONS SHALL BE NOTIFIED BY PHONE AT (217) 785-5306 AT LEAST 14 DAYS PRIOR TO PLACEMENT OF FINAL PAVEMENT MARKINGS.
- WHERE SECTIONOR SUB-SECTION MARKERS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED IN A TIMELY MANNER BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED AGENT OR LAND SURVEYOR HAS WITNESSED AND CROSS-TIED ITS LOCATION.
- CONSTRUCTION OPERATIONS FOR HMA SHOULDERS, 6 1/2" SHAL NOT BEGIN UNTIL HMA BINDER COURSE, 1 1/4" HAS BEEN PLACED.

COMMITMENTS

NONE

MIXTURE REQUIREMENTS

MIXTURE USE(S):	HMA SURFACE COURSE	HMA BINDER COURSE, 1.25"	HMA BINDER COURSE, 2.25"
PG:	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION	IL-9.5	IL-9.5FG	IL-19.0
FRICTION AGGREGATE:	MIX "C"	N/A	N/A
QUALITY MANAGEMENT	QCP	QCP	QCP
SUBLOT SIZE:	1000 TONS	1000 TONS	1000 TONS
MTD REQUIRED:	YES	NO	NO

MIXTURE USE(S):	HMA SHOULDERS, 6.5"	HMA SHOULDERS, 1.25"	HMA SHOULDERS (TOP LIFT) & INCIDENTAL HMA
PG:	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION	IL-19.0	IL-9.5FG	IL-9.5
FRICTION AGGREGATE:	N/A	N/A	MIX "C"
QUALITY MANAGEMENT	QC/QA	QC/QA	QC/QA
SUBLOT SIZE:	N/A	N/A	N/A
MTD REQUIRED:	NO	NO	NO

NOTE: NUCLEAR GAUGES WILL BE USED FOR DENSITY VERIFICATION BY THE ENGINEER ON ALL QC/QA ITEMS.

APPLICATION RATES

THE FOLLOWING RATES OF APPLICATION WERE UTILIZED TO CALCULATE QUANTITIES

AGGREGATE: 1.6 TON/CU YD

BITUMINOUS MATERIALS: 0.05 LB/SQ FT (EX HMA SURF, MILLED SURF, CONC)
0.025 LB/SQ FT (BETWEEN HMA LIFTS)
0.25 LB/SQ FT (PRIME COAT AGG BASE)

HOT MIX ASPHALT: 0.056 TON/SQ YD * INCH THICKNESS

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

EXAMINED March, 31 20 23

[Signature]
ENGINEER OF OPERATIONS

EXAMINED March, 13 20 23

[Signature]
ENGINEER OF PROJECT IMPLEMENTATION

EXAMINED March, 28 20 23

[Signature]
ENGINEER OF PROGRAM DEVELOPMENT

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP 714 (IL 48)
GENERAL NOTES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135RS-7, 136RS-4, 137RS-5)SW	CHRISTIAN	64	2
CONTRACT NO. 72799				
ILLINOIS FED. AID PROJECT STP-FJWP(497)				

PPS 6-00693-0000
 CONSTR. CODE
 80% FED / 20% STATE
 ROADWAY
 0005
 RURAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	
20200100	EARTH EXCAVATION	CU YD	38	38
20400800	FURNISHED EXCAVATION	CU YD	56	56
25000200	SEEDING, CLASS 2	ACRE	0.2	0.2
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	16	16
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	16	16
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	16	16
25000700	AGRICULTURAL GROUND LIMESTONE	TON	0.4	0.4
25100115	MULCH, METHOD 2	ACRE	0.2	0.2
35101400	AGGREGATE BASE COURSE, TYPE B	TON	62	62
35800100	PREPARATION OF BASE	SQ YD	64	64
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	111	111
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	173101	173101
40600370	LONGITUDINAL JOINT SEALANT	FOOT	73924	73924
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	5122	5122

REV. - MS

* SPECIALTY ITEM

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
 IL 48**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	**	CHRISTIAN	64	3
CONTRACT NO. 72799				
ILLINOIS FED. AID PROJECT STP-FJWP(497)				

LONG SECTION NUMBER: (135RS-7, 136RS-4, 137RS-5)SW
 MULTIPLE COUNTIES:

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 0005
 RURAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	527	527
40600990	TEMPORARY RAMP	SQ YD	3292	3292
40602965	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N50	TON	13798	13798
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	24698	24698
40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	16571	16571
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	2611	2611
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	698	698
42400800	DETECTABLE WARNINGS	SQ FT	120	120
44000100	PAVEMENT REMOVAL	SQ YD	265	265
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	194630	194630
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	966	966
44000400	GUTTER REMOVAL	FOOT	1661	1661
44000600	SIDEWALK REMOVAL	SQ FT	537	537
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	3014	3014

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
 IL 48**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	**	CHRISTIAN	64	4
			CONTRACT NO. 72799	
			ILLINOIS FED. AID PROJECT STP-FJWP(497)	

LONG SECTION NUMBER: (135RS-7, 136RS-4, 137RS-5)SW
 MULTIPLE COUNTIES:

PPS 6-00693-0000

CONSTR. CODE

80% FED / 20% STATE

ROADWAY

0005

RURAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	
48203023	HOT-MIX ASPHALT SHOULDERS, 6 1/2"	SQYD	1923	1923
48203100	HOT-MIX ASPHALT SHOULDERS	TON	290	290
56109210	WATER VALVES TO BE ADJUSTED	EACH	1	1
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	58.8	58.8
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	2250	2250
* 63000030	STRONG POST GUARDRAIL ATTACHED TO CULVERT	FOOT	62.5	62.5
* 63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	FOOT	75	75
* 63000360	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	FOOT	175	175
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2	2
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	26	26
63200310	GUARDRAIL REMOVAL	FOOT	3608	3608
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	18	18
67100100	MOBILIZATION	L SUM	1	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
IL 48**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	**	CHRISTIAN	64	5
CONTRACT NO. 72799				

LONG SECTION NUMBER: (135RS-7, 136RS-4, 137RS-5)SW
MULTIPLE COUNTIES:

ILLINOIS FED. AID PROJECT STP-FJWP(497)

PPS 6-00693-0000

CONSTR. CODE

80% FED / 20% STATE

ROADWAY

0005

RURAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	
X2020060	EXCAVATING AND GRADING EXISTING SHOULDER, (SPECIAL)	UNIT	48	48
X4240420	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH, SPECIAL	SQ FT	815	815
X6062700	CONCRETE GUTTER, TYPE A (SPECIAL)	FOOT	1809	1809
* X6330725	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)	FOOT	25	25
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1
Z0034105	MATERIAL TRANSFER DEVICE	TON	16571	16571
∅ Z0076600	TRAINEES	HOUR	3000	3000
Z0049799	PROTECTING OR RESETTING SURVEY MARKERS	EACH	2	2
∅ Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	3000	3000

∅ 0042

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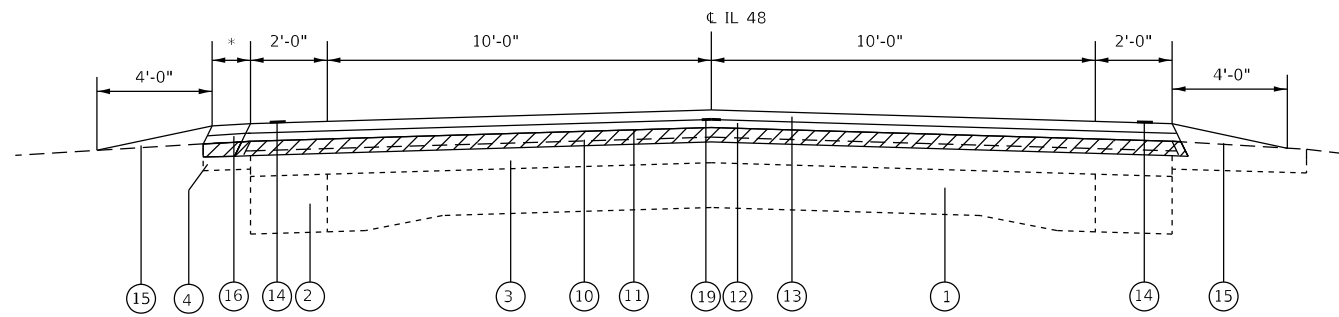
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
IL 48**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	**	CHRISTIAN	64	7
			CONTRACT NO. 72799	
ILLINOIS FED. AID PROJECT STP-FJWP(497)				

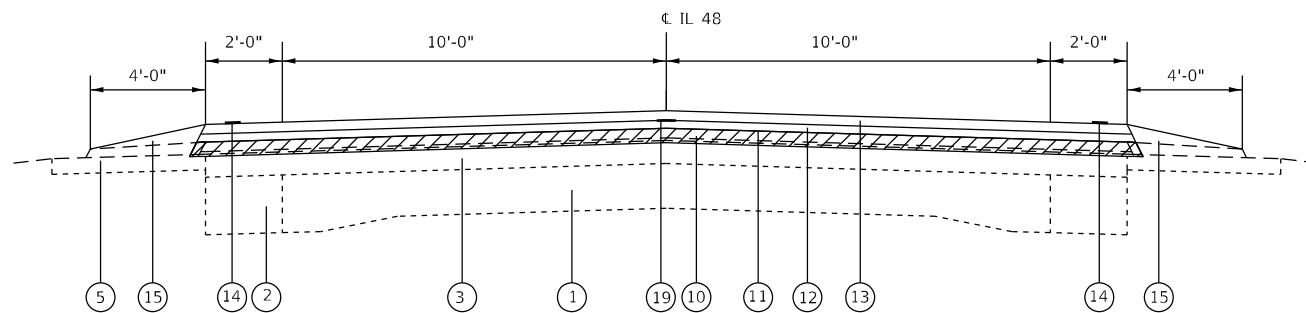
LONG SECTION NUMBER: (135RS-7, 136RS-4, 137RS-5)SW
MULTIPLE COUNTIES:



TYPICAL SECTION – IL 48

*1.0' LT STA 191+86.72 TO STA 200+16.00
 *2.5' LT STA 504+41.51 TO STA 506+55.26

STA 191+86.72 TO STA 193+60.00
 STA 193+60.00 TO STA 201+00.63 LT
 STA 503+60.00 TO STA 510+20.00

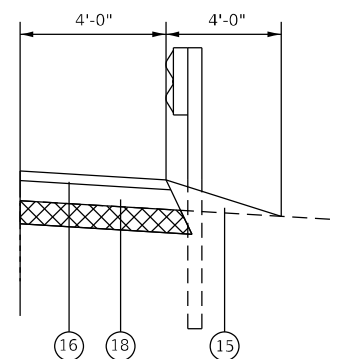


TYPICAL SECTION – IL 48

STA 193+60.00 TO STA 200+40.00 RT
 STA 200+40.00 TO STA 220+42.00 RT
 STA 201+00.63 TO STA 220+51.86 LT
 STA 227+91.26 TO STA 233+00.00 RT
 STA 227+96.90 TO STA 233+00.00 LT
 STA 233+00.00 TO STA 485+87.82
 STA 494+83.00 TO STA 503+60.00
 STA 510+20.00 TO STA 623+24.43 LT
 STA 510+20.00 TO STA 623+24.37 RT
 STA 630+76.69 TO STA 695+17.08 LT
 STA 630+75.88 TO STA 695+24.00 RT
 STA 711+40.34 TO STA 918+03.40

STATION EQUATION

STA 899+04.90 BK = STA 899+00.00 AH



TYPICAL GUARDRAIL SECTION – IL 48

LT STA 538+75.00 TO STA 547+05.00 LT STA 736+60.00 TO STA 738+60.00
 RT STA 540+60.00 TO STA 545+20.00 RT STA 735+80.00 TO STA 737+80.00
 LT STA 583+50.00 TO STA 584+95.00 LT STA 779+75.00 TO STA 781+45.00
 RT STA 582+25.00 TO STA 584+56.00 RT STA 779+80.00 TO STA 781+50.00
 LT STA 637+40.00 TO STA 638+90.00

EXCAVATING AND GRADING
 EXISTING SHOULDER

LEGEND

- ① EXISTING PCC PAVEMENT (9"-7"-9")
- ② EXISTING PCC WIDENING, 9"
- ③ EXISTING HMA OVERLAY
- ④ EXISTING HMA SHOULDER
- ⑤ EXISTING AGGREGATE SHOULDER
- ⑥ EXISTING PCC BASE COURSE, 9"
- ⑦ EXISTING CONCRETE GUTTER
- ⑧ EXISTING HMA PAVEMENT, 11 3/4"
- ⑨ EXISTING HMA BASE COURSE, 10"
- ⑩ PROPOSED HMA SURFACE REMOVAL, 2 1/4"
- ⑪ PROPOSED HMA BINDER COURSE, 2 1/4"
- ⑫ PROPOSED HMA BINDER COURSE, 1 1/4"
- ⑬ PROPOSED HMA SURFACE COURSE, 1 1/2"
- ⑭ PROPOSED MODIFIED URETHANE PAVEMENT MARKING, 5"
- ⑮ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑯ PROPOSED HMA SHOULDERS, 2 3/4"
- ⑰ PROPOSED CONCRETE GUTTER, TYPE A (SPECIAL)
- ⑱ PROPOSED HMA SHOULDERS, 6 1/2"
- ⑲ PROPOSED LONGITUDINAL JOINT SEALANT

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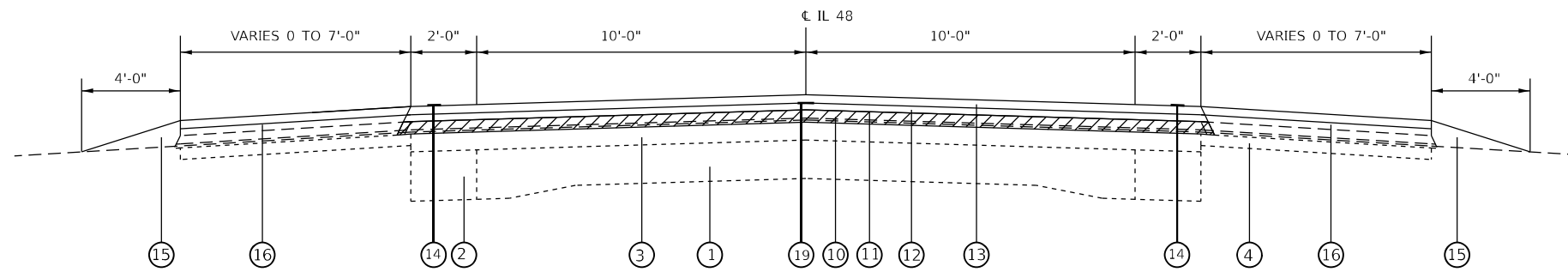
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

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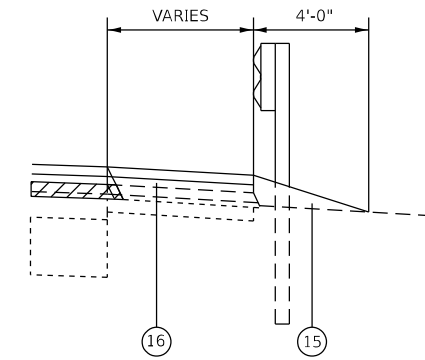
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 Long Section Number: 135RS-7, 136RS-4, 137RS-5)SW



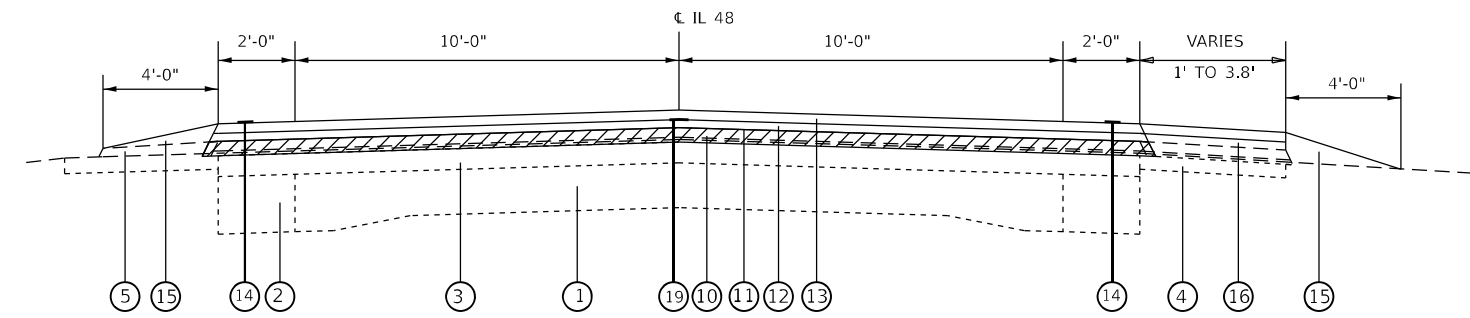
TYPICAL SECTION – IL 48

STA 220+42.00 TO STA 227+91.26 RT
 STA 220+51.86 TO STA 227+96.90 LT
 STA 929+10.00 TO STA 933+50.00



TYPICAL GUARDRAIL SECTION – IL 48

SEE GUARDRAIL DETAILS FOR LOCATIONS



TYPICAL SECTION – IL 48

STA 485+87.82 TO STA 495+16.87

LEGEND

- ① EXISTING PCC PAVEMENT (9"-7"-9")
- ② EXISTING PCC WIDENING, 9"
- ③ EXISTING HMA OVERLAY
- ④ EXISTING HMA SHOULDER
- ⑤ EXISTING AGGREGATE SHOULDER
- ⑥ EXISTING PCC BASE COURSE, 9"
- ⑦ EXISTING CONCRETE GUTTER
- ⑧ EXISTING HMA PAVEMENT, 11 3/4"
- ⑨ EXISTING HMA BASE COURSE, 10"
- ⑩ PROPOSED HMA SURFACE REMOVAL, 2 1/4"
- ⑪ PROPOSED HMA BINDER COURSE, 2 1/4"
- ⑫ PROPOSED HMA BINDER COURSE, 1 1/4"
- ⑬ PROPOSED HMA SURFACE COURSE, 1 1/2"
- ⑭ PROPOSED MODIFIED URETHANE PAVEMENT MARKING, 5"
- ⑮ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑯ PROPOSED HMA SHOULDERS, 2 3/4"
- ⑰ PROPOSED CONCRETE GUTTER, TYPE A (SPECIAL)
- ⑱ PROPOSED HMA SHOULDERS, 6 1/2"
- ⑲ PROPOSED LONGITUDINAL JOINT SEALANT

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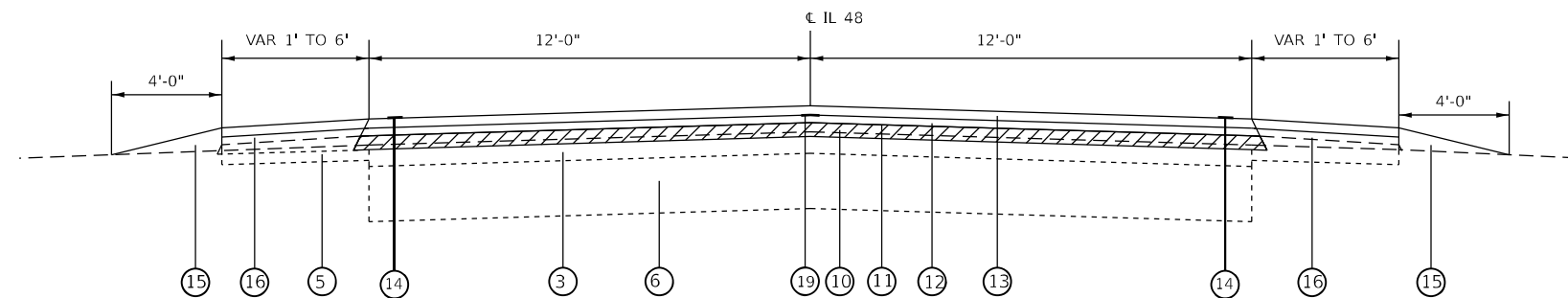
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	**	CHRISTIAN	64	9
CONTRACT NO. 72799				
ILLINOIS FED. AID PROJECT STP-FJWP(497)				

Long Section Number: 135RS-7, 136RS-4, 137RS-5)SW

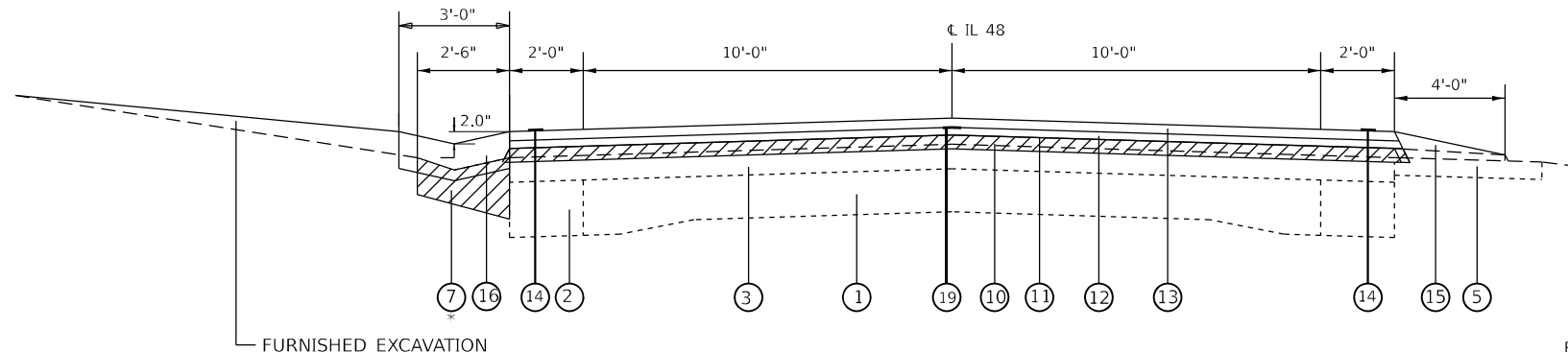


TYPICAL SECTION – IL 48

STA 623+24.43 TO STA 630+76.69 LT
 STA 623+24.37 TO STA 630+75.88 RT

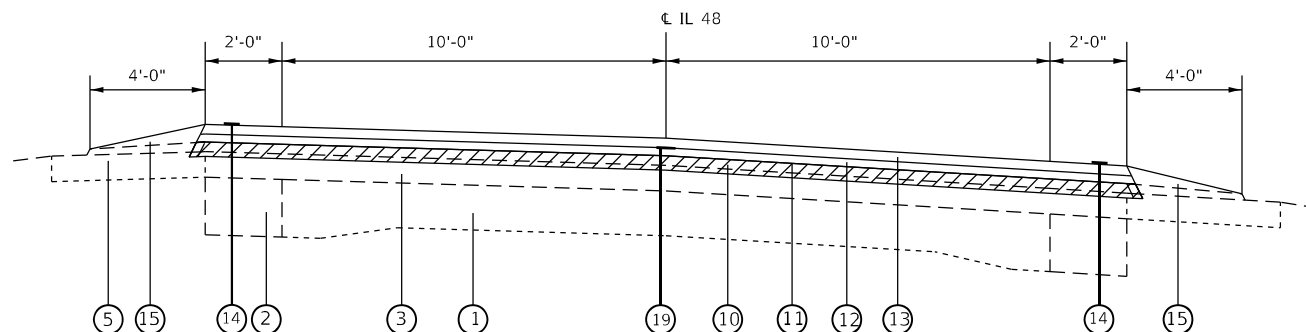
BRIDGE OMISSION

STA 625+82.13 TO STA 628+19.94



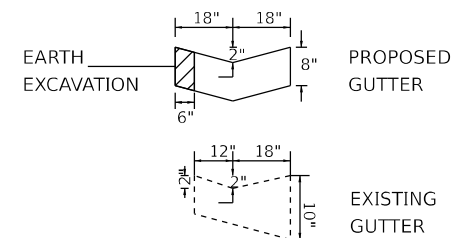
TYPICAL SECTION – IL 48

STA 695+17.08 TO STA 711+40.34



TYPICAL SECTION – IL 48

STA 918+03.40 TO STA 924+00.00



LEGEND

- ① EXISTING PCC PAVEMENT (9"-7"-9")
- ② EXISTING PCC WIDENING, 9"
- ③ EXISTING HMA OVERLAY
- ④ EXISTING HMA SHOULDER
- ⑤ EXISTING AGGREGATE SHOULDER
- ⑥ EXISTING PCC BASE COURSE, 9"
- ⑦ EXISTING CONCRETE GUTTER
- ⑧ EXISTING HMA PAVEMENT, 11 3/4"
- ⑨ EXISTING HMA BASE COURSE, 10"
- ⑩ PROPOSED HMA SURFACE REMOVAL, 2 1/4"
- ⑪ PROPOSED HMA BINDER COURSE, 2 1/4"
- ⑫ PROPOSED HMA BINDER COURSE, 1 1/4"
- ⑬ PROPOSED HMA SURFACE COURSE, 1 1/2"
- ⑭ PROPOSED MODIFIED URETHANE PAVEMENT MARKING, 5"
- ⑮ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑯ PROPOSED HMA SHOULDERS, 2 3/4"
- ⑰ PROPOSED CONCRETE GUTTER, TYPE A (SPECIAL)
- ⑱ PROPOSED HMA SHOULDERS, 6 1/2"
- ⑲ PROPOSED LONGITUDINAL JOINT SEALANT

* AGGREGATE BASE COURSE, TYPE B MAY BE REQUIRED UNDER PROPOSED CONCRETE GUTTER TYPE A (SPECIAL) TO FILL THE VOID FROM GUTTER REMOVAL (QUANTITY FOR AGG BASE COURSE IS ESTIMATED)

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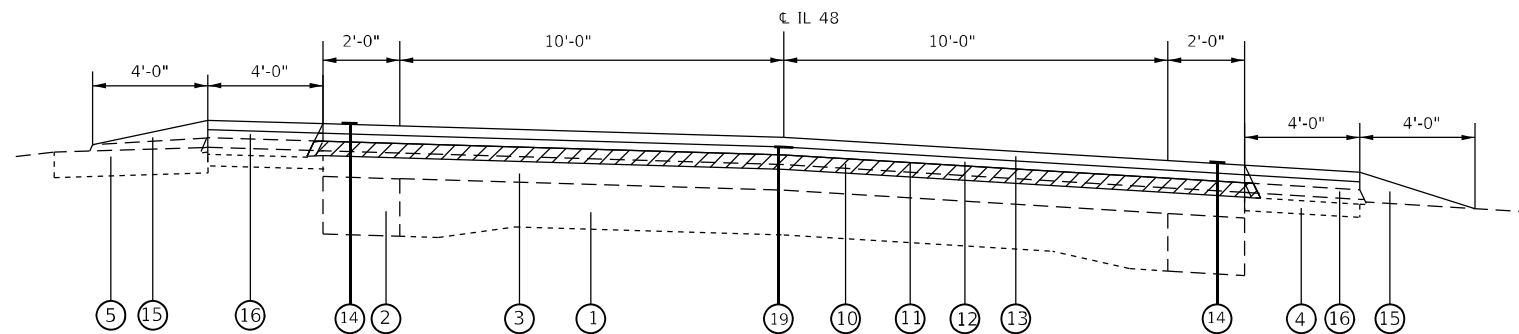
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PLOT DATE = 3/31/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	**	CHRISTIAN	64	10
CONTRACT NO. 72799				
ILLINOIS FED. AID PROJECT STP-FJWP(497)				

Long Section Number: 135RS-7, 136RS-4, 137RS-5)SW



TYPICAL SECTION – IL 48

STA 924+00.00 TO STA 929+10.00
 LT SHOULDER BEGINS AT STA 924+19.68
 RT SHOULDER STA 925+67.00 TO 932+40.00

LEGEND

- ① EXISTING PCC PAVEMENT (9"-7"-9")
- ② EXISTING PCC WIDENING, 9"
- ③ EXISTING HMA OVERLAY
- ④ EXISTING HMA SHOULDER
- ⑤ EXISTING AGGREGATE SHOULDER
- ⑥ EXISTING PCC BASE COURSE, 9"
- ⑦ EXISTING CONCRETE GUTTER
- ⑧ EXISTING HMA PAVEMENT, 11 3/4"
- ⑨ EXISTING HMA BASE COURSE, 10"
- ⑩ PROPOSED HMA SURFACE REMOVAL, 2 1/4"
- ⑪ PROPOSED HMA BINDER COURSE, 2 1/4"
- ⑫ PROPOSED HMA BINDER COURSE, 1 1/4"
- ⑬ PROPOSED HMA SURFACE COURSE, 1 1/2"
- ⑭ PROPOSED MODIFIED URETHANE PAVEMENT MARKING, 5"
- ⑮ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑯ PROPOSED HMA SHOULDERS, 2 3/4"
- ⑰ PROPOSED CONCRETE GUTTER, TYPE A (SPECIAL)
- ⑱ PROPOSED HMA SHOULDERS, 6 1/2"
- ⑲ PROPOSED LONGITUDINAL JOINT SEALANT

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PLOT DATE = 3/31/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	**	CHRISTIAN	64	11
CONTRACT NO. 72799				

ILLINOIS FED. AID PROJECT STP-FJWP(497)
 Long Section Number: 135RS-7, 136RS-4, 137RS-5)SW

PAVING SCHEDULE

STA	TO	STA	LENGTH (FEET)	WIDTH (FEET)	AREA (SQ FT)	40600290 BIT MATLS TACK CT (LB)	40600370 LONGITUDINAL JOINT SEALANT (FOOT)	40600982 HMA SURF REM BUTT JT (SQ YD)	40602965 HMA BC IL- 9.5FG N50 (TON)	40603080 HMA BINDER COURSE, IL- 19.0, N50 (TON)	40604050 HMA SC IL- 9.5 C N50 (TON)	44000158 HMA SURF REM 2 1/4" (SQ YD)	44000160 HMA SURF REM 2 3/4" (SQ YD)	48203100 HMA SHOULDERS (TON)	48203023 HMA SHOULDERS 6 1/2" (SQ YD)	X2020060 EXCAVATING AND GRADING EXIST SHOULDER, (SPECIAL) (UNIT)	48102100 AGG WEDGE SHLD TYPE B (TON)	Z0034105 MATL TRANSFER DEVICE (TON)	
IL 48																			
191+86.72	to	192+16.72	30	24	720	72.0		80.00			6.7						1.2	6.7	
192+16.72	to	192+41.72	25	24	600	60.0			4.7		5.6						1.0	5.6	
192+41.72	to	520+81.00	32839.28	24	788142.72	78814.3	32840.0		6130.0	11034.0	7356.0	87571.4					1337.9	7356.0	
220+52.00	to	222+50.00	LT	198.00	3.5	693	52.0							11.9					
220+48.00	to	221+80.00	RT	132.00	3	396	29.7							6.8					
222+50.00	to	226+75.00	LT	425.00	7	2975	223.1							50.9					
221+80.00	to	225+78.00	RT	398.00	6	2388	179.1							40.9					
226+75.00	to	227+97.00	LT	122.00	3.5	427	32.0							7.3					
225+78.00	to	227+91.00	RT	213.00	3	639	47.9							10.9					
520+81.00	to	521+36.00		55.00	24	1320	99.0	55.0	10.3	18.5	12.3						2.2	12.3	
521+36.00	to	525+44.00		408.00	24	9792	734.4	408.0	76.2	137.1	91.4						16.6	91.4	
525+44.00	to	525+99.00		55.00	24	1320	99.0	55.0	10.3	18.5	12.3						2.2	12.3	
538+75.00	to	541+70.00	LT	295.00	4	1180	88.5							11.0	132.0	3.0			
540+60.00	to	545+20.00	RT	460.00	4	1840	138.0							17.2	205.0	5.0			
542+05.00	to	547+05.00	LT	500.00	4	2000	150.0							18.7	223.0	5.0			
583+57.00	to	584+95.00	LT	138.00	4	552	41.4							5.2	62.0	2.0			
582+25.00	to	584+56.00	RT	231.00	4	924	69.3							8.6	103.0	3.0			
525+99.00	to	624+00.00		9801.00	24	235224	17641.8	9801.0	1829.5	3293.1	2195.4	26136.0					399.3	2195.4	
624+00.00	to	625+82.13		182.13	24	4371.12	327.8	183.0	34.0		40.8		485.7				7.4	40.8	
BRIDGE OMISSION																			
628+20.00	to	630+00.00		180	24	4320	432.0	180.0	33.6		40.3		480.0				7.3	40.3	
637+40.00	to	638+90.00	LT	150.00	4	600	45.0							5.8	67.0	2.0			
630+00.00	to	637+55.72		755.72	24	18137.28	1813.7	756.0	141.1	253.9	169.3	2015.3					30.8	169.3	
STA EQ.																			
637+58.10	to	725+53.07		8794.97	24	211079.28	21107.9	8795.0	1641.7	2955.1	1970.1	23453.3					358.3	1970.1	
STA EQ.																			
725+53.20	to	889+13.46		16360.26	24	392646.24	39264.6	16361.0	3053.9	5497.0	3664.7	43627.4					666.5	3664.7	
STA EQ.																			
889+15.00	to	933+50.00		4435	24	106440	10644.0	4435.0	827.9	1490.2	993.4	11826.7					180.7	993.4	
736+60.00	to	738+60.00	LT	200.00	4	800	60.0							7.5	89.0	2.0			
735+80.00	to	737+85.00	RT	205.00	4	820	61.5							7.7	92.0	3.0			
779+75.00	to	781+45.00	LT	170.00	4	680	51.0							6.3	76.0	2.0			
779+80.00	to	781+50.00	RT	170.00	4	680	51.0							6.3	76.0	2.0			
915+20.00	to	916+55.00	LT	135.00	4	540	40.5							5.0	60.0	2.0			
924+20.00	to	934+05.00	LT	985.00	4	3940	295.5							36.8	438.0	10.0			
925+67.00	to	932+40.00	LT	673.00	4	2692	201.9							25.1	300.0	7.0			
933+40.00	to	933+65.00		25.00	24	600	60.0	25.0	4.7		5.6						1.0	5.6	
933+65.00	to	933+95.00		30.00	24	720	72.0	30.0	80.0		6.7						1.2	6.7	
TOTALS																			
						173101.0	73924.0	160.0	13798.0	24698.0	16571.0	194630.0	966.0	290.0	1923.0	48.0	3014.0	16571.0	

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DRAWN -	REVISED -	
PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -
PLOT DATE = 3/30/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
IL 48

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	**	CHRISTIAN	64	12
CONTRACT NO. 72799				
ILLINOIS FED. AID PROJECT STP-FJWF(497)				

LONG SECTION NUMBER: (135RS-7, 136RS-4, 137RS-5)SW
MULTIPLE COUNTIES:

GUARDRAIL SCHEDULE

STA.	to	STA.	RT/LT	LENGTH (FOOT)	63000001 SPBGR TY A 6FT POSTS (FOOT)	63000030 STRONG POST GR ATTACHED TO CULVERT (FOOT)	63000350 LONG-SPAN GR OVER CULVERT 12FT 6IN SPAN (FOOT)	63000360 LONG-SPAN GR OVER CULVERT 18FT 9IN SPAN (FOOT)	63100045 TRAF BAR TERM T2 (EACH)	63100167 TR BAR TRM T1 SPL TAN (EACH)	X6330725 STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS) (FOOT)	63200310 GUARDRAIL REMOV (FOOT)	78200005 GUARDRAIL REFLECTORS, TYPE A (EACH)	72501000 TERMINAL MARKER - DA (EACH)
IL 48														
221+84.88	to	222+34.88	RT	50						1			1	1
222+34.88	to	223+59.88	RT	125	125								2	
223+59.88	to	223+91.13	RT	31.25		31.25							1	
223+91.13	to	225+28.63	RT	137.5	137.5								2	
225+28.63	to	225+78.63	RT	50						1			1	1
221+83.54	to	225+77.32	RT	393.78								394	5	
222+68.17	to	223+18.17	LT	50						1			1	1
223+18.17	to	224+05.67	LT	87.5	87.5								2	
224+05.67	to	224+36.92	LT	31.25		31.25							1	
224+36.92	to	226+24.42	LT	187.5	187.5								3	
226+24.42	to	226+74.42	LT	50						1			1	1
222+73.60	to	226+65.83	LT	392.23								393	5	
538+89.50	to	539+39.50	LT	50						1			1	1
539+39.50	to	541+02.00	LT	162.5	162.5								3	
541+02.00	to	541+52.00	LT	50						1			1	1
538+96.99	to	541+51.82	LT	254.83								255	4	
540+73.85	to	541+23.85	RT	50						1			1	1
541+23.85	to	542+86.35	RT	162.5	162.5								3	
542+86.35	to	543+23.85	RT	37.5			37.5						1	
543+23.85	to	544+61.35	RT	137.5	137.5								2	
544+61.35	to	545+11.35	RT	50						1			1	1
541+54.57	to	545+09.15	RT	354.58								355	5	
542+67.75	to	543+17.75	LT	50						1			1	1
543+17.75	to	543+55.25	LT	37.5			37.5						1	
543+55.25	to	546+42.75	LT	287.5	287.5								4	
546+42.75	to	546+92.75	LT	50						1			1	1
542+82.71	to	546+12.24	LT	329.53								330	5	
582+37.63	to	582+87.63	RT	50						1			1	1
582+87.63	to	583+25.13	RT	37.5	37.5								1	
583+25.13	to	583+68.88	RT	43.75				43.75					1	
583+68.88	to	583+93.88	RT	25	25								1	
583+93.88	to	584+43.88	RT	50						1			1	1
582+40.34	to	584+44.71	RT	204.37								205	3	

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	DRAWN -	REVISED -
PLOT SCALE = 0.1666667' / in.	CHECKED -	REVISED -
PLOT DATE = 3/30/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES
IL 48**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 714	SECTION **	COUNTY CHRISTIAN	TOTAL SHEETS 64	SHEET NO. 13
CONTRACT NO. 72799				
ILLINOIS FED. AID PROJECT STP-FJWP(497)				

LONG SECTION NUMBER: (135RS-7, 136RS-4, 137RS-5)SW
MULTIPLE COUNTIES:

GUARDRAIL SCHEDULE

STA.	to	STA.	RT/LT	LENGTH (FOOT)	63000001 SPBGR TY A 6FT POSTS (FOOT)	63000030 STRONG POST GR ATTACHED TO CULVERT (FOOT)	63000350 LONG-SPAN GR OVER CULVERT 12FT 6IN SPAN (FOOT)	63000360 LONG-SPAN GR OVER CULVERT 18FT 9IN SPAN (FOOT)	63100045 TRAF BAR TERM T2 (EACH)	63100167 TR BAR TRM T1 SPL TAN (EACH)	X6330725 STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS) (FOOT)	63200310 GUARDRAIL REMOV (FOOT)	78200005 GUARDRAIL REFLECTORS, TYPE A (EACH)	72501000 TERMINAL MARKER - DA (EACH)
583+53.93	to	584+79.74	LT	125.81								126	2	
583+53.93	to	583+93.88	LT	39.95			43.75		1				1	
583+93.88	to	584+31.38	LT	37.5	37.5								1	
584+31.38	to	584+81.38	LT	50						1			1	1
637+46.38	to	637+96.38	LT	50						1			1	1
637+96.38	to	638+33.88	LT	37.5	37.5								1	
638+33.88	to	638+83.88	LT	50						1			1	1
637+44.11	to	638+74.09	LT	129.98								130	2	
735+86.50	to	736+36.50	RT	50						1			1	1
736+36.50	to	737+61.50	RT	125	125								2	
737+61.50	to	737+86.50	RT	25					1		25		1	
735+96.91	to	737+91.75	RT	194.84								195	3	
736+68.00	to	737+18.00	LT	50						1			1	1
737+18.00	to	738+05.50	LT	87.5	87.5								2	
738+05.50	to	738+55.50	LT	50						1			1	1
736+68.14	to	738+35.60	LT	167.46								168	3	
779+87.63	to	780+37.63	RT	50						1			1	1
780+37.63	to	780+50.13	RT	12.5	12.5								1	
780+50.13	to	780+93.88	RT	43.75			43.75						1	
780+93.88	to	781+43.88	RT	50						1			1	1
779+90.09	to	781+32.56	RT	142.47								143	2	
779+81.13	to	780+31.13	LT	50						1			1	1
780+31.13	to	780+74.88	LT	43.75			43.75						1	
780+74.88	to	780+87.38	LT	12.5	12.5								1	
780+87.38	to	781+37.38	LT	50						1			1	1
779+96.12	to	781+37.92	LT	141.8								142	2	
915+25.00	to	915+75.00	LT	50						1			1	1
915+75.00	to	916+00.00	LT	25	25								1	
916+00.00	to	916+50.00	LT	50						1			1	1
915+25.77	to	916+42.62	LT	116.85								117	2	
925+72.00	to	926+22.00	RT	50						1			1	1
926+22.00	to	931+84.50	RT	562.5	562.5								8	
931+84.50	to	932+34.50	RT	50						1			1	1
925+74.18	to	932+28.53	RT	654.35								655	9	
TOTALS					2250	62.5	75	175	2	26	25	3608	127	26

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	DRAWN -	REVISED -
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PLOT DATE = 3/30/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES
IL 48**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	**	CHRISTIAN	64	14
CONTRACT NO. 72799			ILLINOIS FED. AID PROJECT STP-FJWP(497)	

LONG SECTION NUMBER: (135RS-7, 136RS-4, 137RS-5)SW
MULTIPLE COUNTIES:

SEEDING SCHEDULE											
STA	TO	STA	RT/LT	LENGTH (FOOT)	20400800 FURNISHED EXCAVATION (CU YD)	25000200 SEEDING CLASS 2 (ACRE)	25000400 NITROGEN FERTILIZER NUTRIENT (POUND)	25000500 PHOSPHORUS FERTILIZER NUTRIENT (POUND)	25000600 POTASSIUM FERTILIZER NUTRIENT (POUND)	25000700 AGRICULTURAL GROUND LIMESTONE (TON)	25100115 MULCH, METHOD 2 (ACRE)
IL 48											
695+00.00	TO	696+85.00	LT	185	7	0.02	2	2	2	0.04	0.02
697+07.00	TO	698+78.00	LT	171	8	0.02	2	2	2	0.04	0.02
698+90.00	TO	700+31.00	LT	141	7	0.02	2	2	2	0.03	0.02
700+59.00	TO	703+85.00	LT	326	15	0.04	4	4	4	0.07	0.04
707+62.00	TO	709+29.00	LT	167	8	0.02	2	2	2	0.04	0.02
709+53.00	TO	710+88.00	LT	135	6	0.02	2	2	2	0.03	0.02
712+69.00	TO	713+70.00	LT	101	5	0.01	2	2	2	0.02	0.01
TOTALS					56	0.14	16	16	16	0.28	0.14

GUTTER SCHEDULE									
STA	TO	STA	RT/LT	LENGTH (FOOT)	44000400 GUTTER REMOVAL (FOOT)	20200100 EARTH EXCAVATION (CU YD)	40200800 AGG SURF CSE B (TON)	X6062700 CONC GUTTER TY A (SPECIAL) (FOOT)	60600095 CLASS SI CONC (OUTLET) (CU YD)
IL 48									
695+16.44	TO	713+25.00	LT	1808.56	1661	21		1809	
704+24.00	TO	705+06.00	LT	82			5		
705+41.00	TO	707+29.00	LT	188			10		
695+16.44			LT						3.4
713+25.00			LT						3.4
TOTALS					1661	21	15	1809	6.8

SIDEWALK SCHEDULE					
STA	ROAD NAME	RT/LT	X4240420 PCC SIDEWALK 4" (SPECIAL) (SQ FT)	42400800 DETECTABLE WARNINGS (SQ FT)	44000600 SIDEWALK REMOVAL (SQ FT)
IL 48					
193+05.00	TULPIN ST.	LT	48.00	8.00	26.00
193+37.00	TULPIN ST.	LT	80.00	8.00	51.00
495+91.00	Third St.	LT	44.00	8.00	44.00
496+28.00	Third St.	LT	54.00	8.00	48.00
499+42.00	Fourth St.	LT	63.00	8.00	38.00
499+46.00	Fourth St.	LT	43.00	8.00	
499+42.00	Fourth St.	RT	35.00	8.00	35.00
499+88.00	Fourth St.	LT	20.00	8.00	22.00
507+21.00	Sixth St.	RT	45.00	8.00	19.00
510+67.00	Seventh St.	LT	41.00	8.00	16.00
513+86.00	Eighth St.	LT	43.00	8.00	43.00
696+67.00	2nd St.	LT	74.00	8.00	42.00
697+06.00	2nd St.	LT	86.00	8.00	67.00
700+20.00	3rd St.	LT	50.00	8.00	31.00
700+58.00	3rd St.	LT	89.00	8.00	55.00
TOTAL			815.00	120.00	537.00

Protecting or Resetting Survey Markers								
POINT#	STATION	OFFSET	NORTHING	EASTING	DESCRIPTION	EXISTING MONUMENT	TYPE	ALIGNMENT
SECCOR1	958+58.09	0.21 RT	1036144.980	2528583.834	S.E COR. OF S.W. 1/4 OF S.W. 1/4 SEC23, T12N, R3W, 3rd P.M.	IRON PIPE	1	E 204
SECCOR2	739+29.53	12.44 Lt	1020247.604	2513493.760	S.E.COR. SEC6 T12N,R2W,3rd P.M.	REBAR	1	E 206

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USER NAME = Christopher.Siefert	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 0.1666667 / in.	CHECKED -	REVISED -
PLOT DATE = 3/30/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

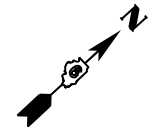
SCHEDULE OF QUANTITIES
IL 48

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 714	SECTION **	COUNTY CHRISTIAN	TOTAL SHEETS 64	SHEET NO. 17
CONTRACT NO. 72799				
ILLINOIS FED. AID PROJECT STP-FJWP(497)				

LONG SECTION NUMBER: (135RS-7, 136RS-4, 137RS-5)SW
 MULTIPLE COUNTIES:

HMA SURFACE REMOVAL BUTT-JOINT



PR GUARDRAIL REMOVAL
TRAFFIC BARRIER TERMINAL TY 1 (SPL) TANGENT
STEEL PLATE BEAM GUARDRAIL, TY A, 6' POSTS
STRONG POST GUARDRAIL ATTACHED TO CULVERT

PR HMA SURFACE CSE, IL-9.5, N50, 1 1/2"
PR HMA BINDER CSE, IL-9.5FG, N50, 1 1/4"
PR HMA BINDER CSE, IL-19.0, N50, 2 1/4"

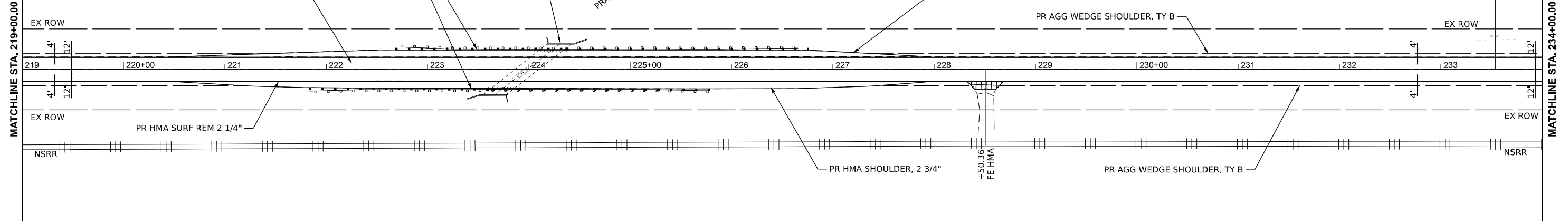
SN 011-2500
DBL 7' X 5'

PRAIRIE FORK

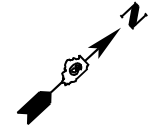
PR HMA SHOULDER, 2 3/4"

PR AGG WEDGE SHOULDER, TY B

+53.74
FE AGG



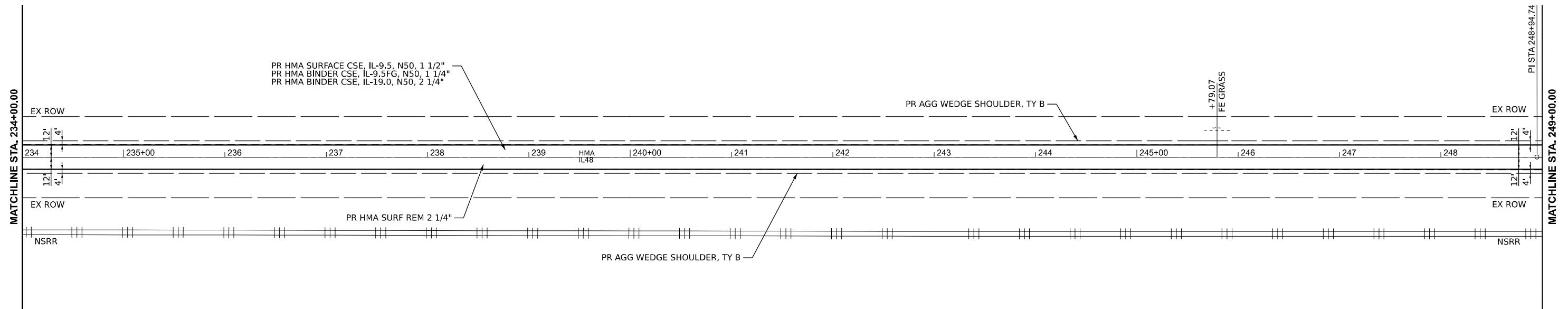
HMA SURFACE REMOVAL BUTT-JOINT



PR HMA SURFACE CSE, IL-9.5, N50, 1 1/2"
PR HMA BINDER CSE, IL-9.5FG, N50, 1 1/4"
PR HMA BINDER CSE, IL-19.0, N50, 2 1/4"

PR AGG WEDGE SHOULDER, TY B

+79.07
FE GRASS



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USER NAME = Christopher.Siefert	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -
PLOT DATE = 3/30/2023	DATE -	REVISED -

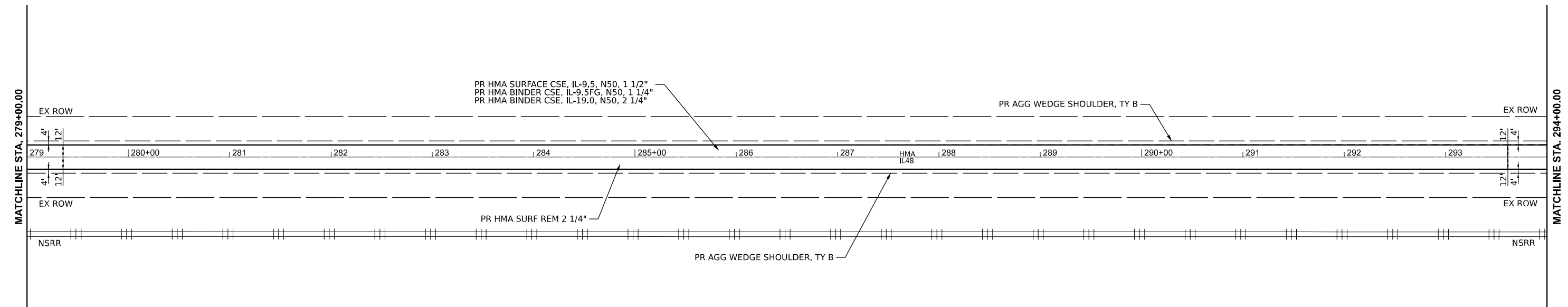
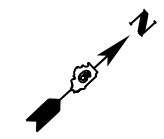
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP 714 (IL 48)
PLAN SHEET**

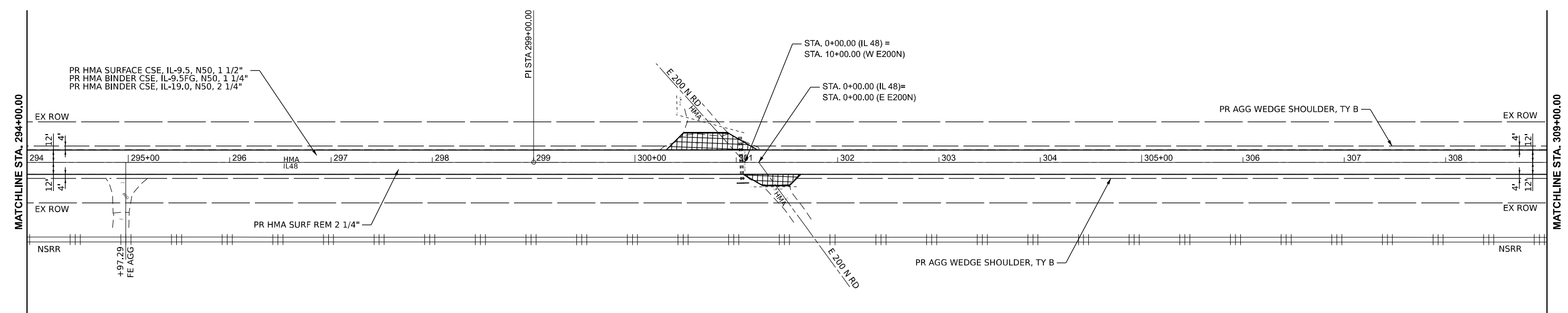
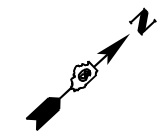
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135RS-7, 136RS-4, 137RS-5)SW	CHRISTIAN	64	21
CONTRACT NO. 72799				
ILLINOIS FED. AID PROJECT STP-FJWP(497)				

HMA SURFACE REMOVAL BUTT-JOINT



HMA SURFACE REMOVAL BUTT-JOINT



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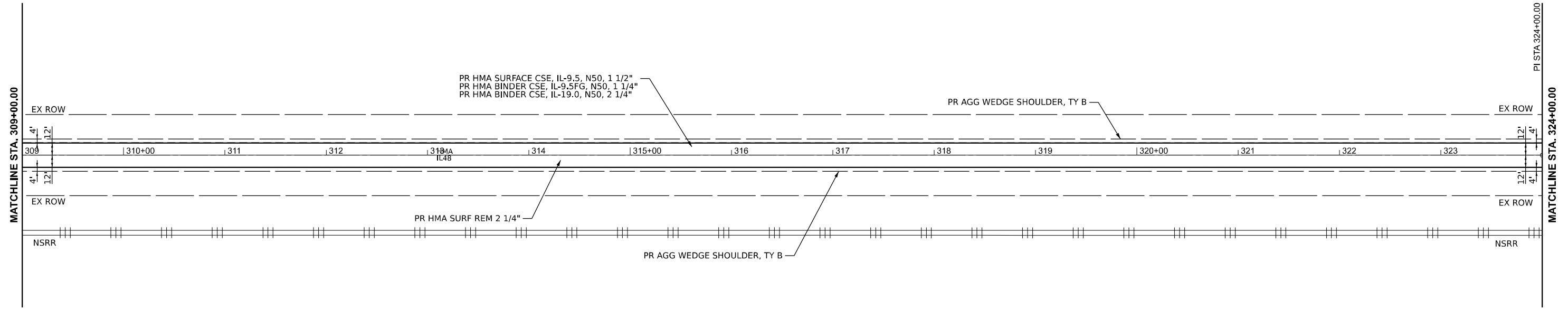
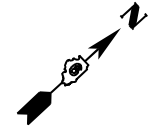
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DRAWN -	REVISED -	
PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -
PLOT DATE = 3/30/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

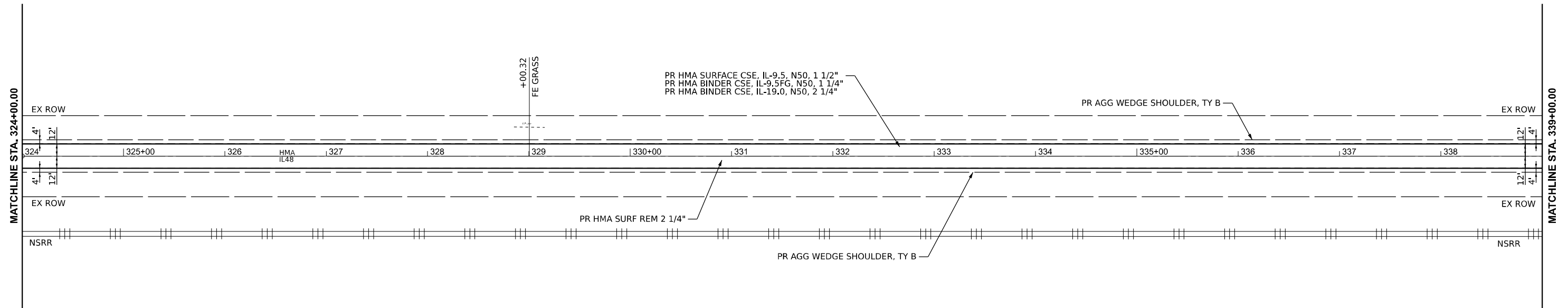
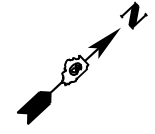
FAP 714 (IL 48)	
PLAN SHEET	
SCALE: 1"=50'	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135RS-7, 136RS-4, 137RS-5)SW	CHRISTIAN	64	23
CONTRACT NO. 72799				
ILLINOIS FED. AID PROJECT STP-FJWP(497)				

HMA SURFACE REMOVAL BUTT-JOINT



HMA SURFACE REMOVAL BUTT-JOINT



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USER NAME = Christopher.Siefert	DESIGNED -	REVISED -
DRAWN -	REVISED -	
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PLOT DATE = 3/30/2023	DATE -	REVISED -

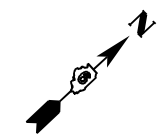
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP 714 (IL 48)
PLAN SHEET**

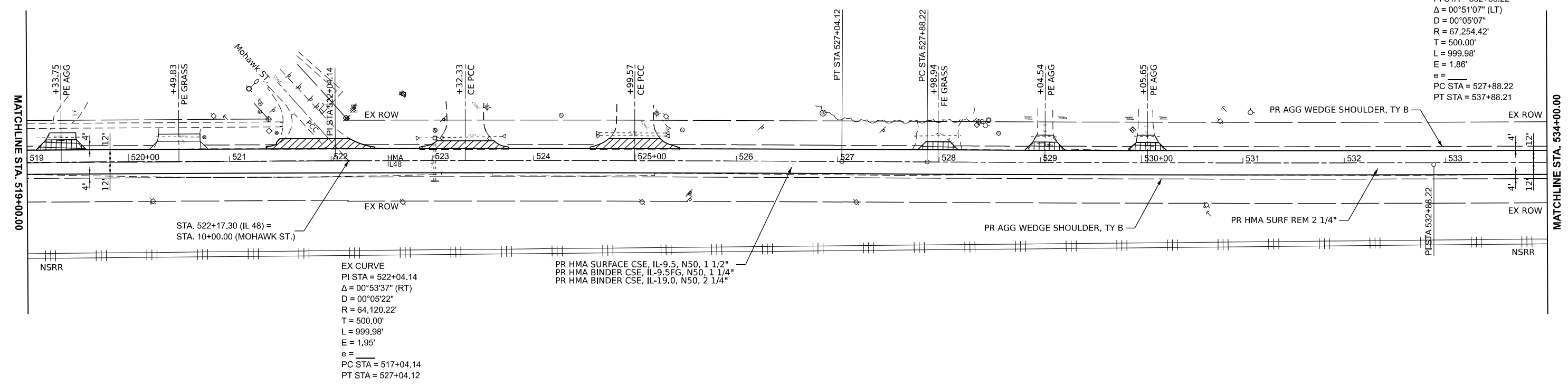
SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135RS-7, 136RS-4, 137RS-5)SW	CHRISTIAN	64	24
CONTRACT NO. 72799			ILLINOIS FED. AID PROJECT STP-FJWP(497)	

 HMA SURFACE REMOVAL BUTT-JOINT
 PR PCC SURFACE REMOVAL BUTT-JOINT



EX CURVE
 PI STA = 532+88.22
 $\Delta = 00^{\circ}51'07''$ (LT)
 $D = 00^{\circ}05'07''$
 $R = 67,254.42'$
 $T = 500.00'$
 $L = 999.98'$
 $E = 1.86'$
 $e =$
 PC STA = 527+88.22
 PT STA = 537+88.21

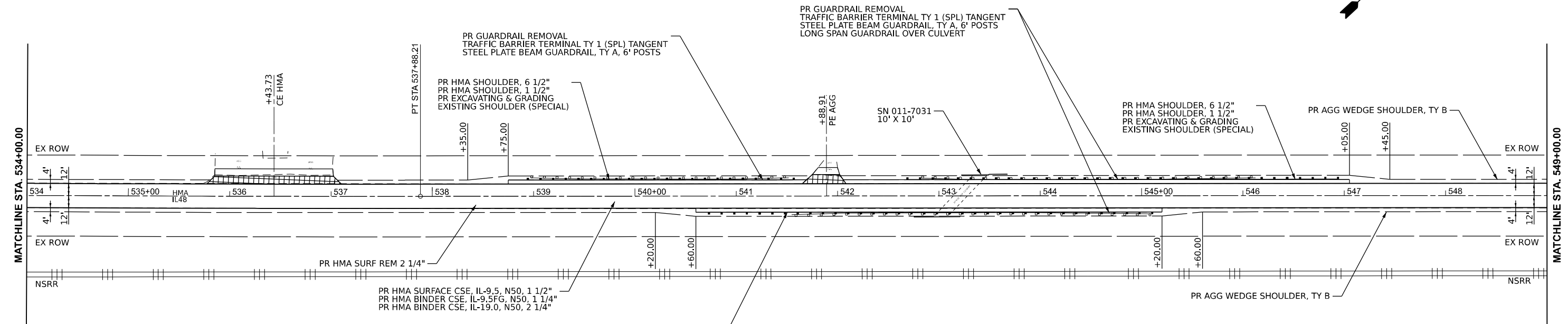
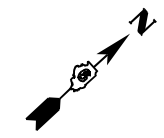


STA. 522+17.30 (IL 48) =
 STA. 10+00.00 (MOHAWK ST.)

EX CURVE
 PI STA = 522+04.14
 $\Delta = 00^{\circ}53'37''$ (RT)
 $D = 00^{\circ}05'22''$
 $R = 64,120.22'$
 $T = 500.00'$
 $L = 999.98'$
 $E = 1.95'$
 $e =$
 PC STA = 517+04.14
 PT STA = 527+04.12

PR HMA SURFACE CSE, IL-9.5, N50, 1 1/2"
 PR HMA BINDER CSE, IL-9.5FG, N50, 1 1/4"
 PR HMA BINDER CSE, IL-19.0, N50, 2 1/4"

 HMA SURFACE REMOVAL BUTT-JOINT



PR GUARDRAIL REMOVAL
 TRAFFIC BARRIER TERMINAL TY 1 (SPL) TANGENT
 STEEL PLATE BEAM GUARDRAIL, TY A, 6' POSTS

PR GUARDRAIL REMOVAL
 TRAFFIC BARRIER TERMINAL TY 1 (SPL) TANGENT
 STEEL PLATE BEAM GUARDRAIL, TY A, 6' POSTS
 LONG SPAN GUARDRAIL OVER CULVERT

PR HMA SHOULDER, 6 1/2"
 PR HMA SHOULDER, 1 1/2"
 PR EXCAVATING & GRADING
 EXISTING SHOULDER (SPECIAL)

PR HMA SHOULDER, 6 1/2"
 PR HMA SHOULDER, 1 1/2"
 PR EXCAVATING & GRADING
 EXISTING SHOULDER (SPECIAL)

PR HMA SHOULDER, 6 1/2"
 PR HMA SHOULDER, 1 1/2"
 PR EXCAVATING & GRADING
 EXISTING SHOULDER (SPECIAL)

PR HMA SURFACE CSE, IL-9.5, N50, 1 1/2"
 PR HMA BINDER CSE, IL-9.5FG, N50, 1 1/4"
 PR HMA BINDER CSE, IL-19.0, N50, 2 1/4"

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PLOT DATE = 3/31/2023	CHECKED -	REVISED -
	DATE -	REVISED -

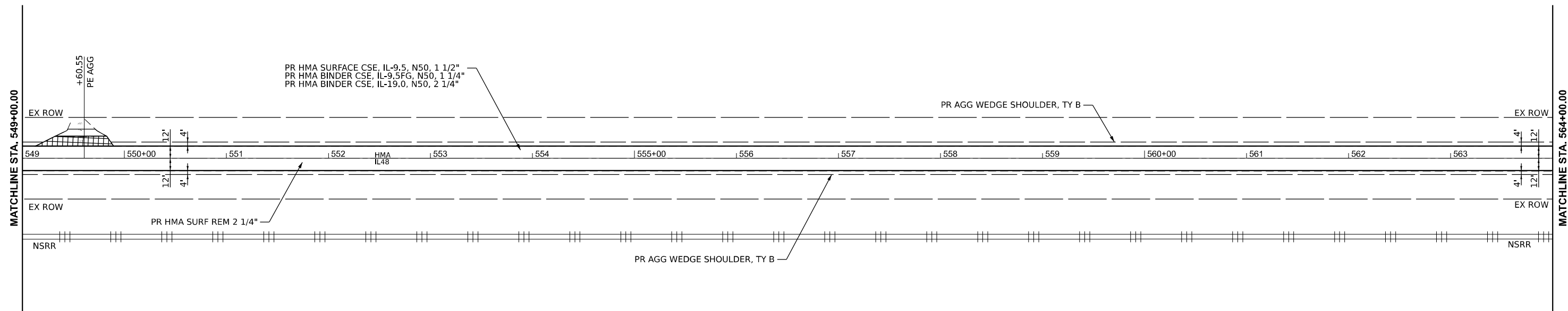
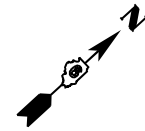
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 714 (IL 48)
PLAN SHEET

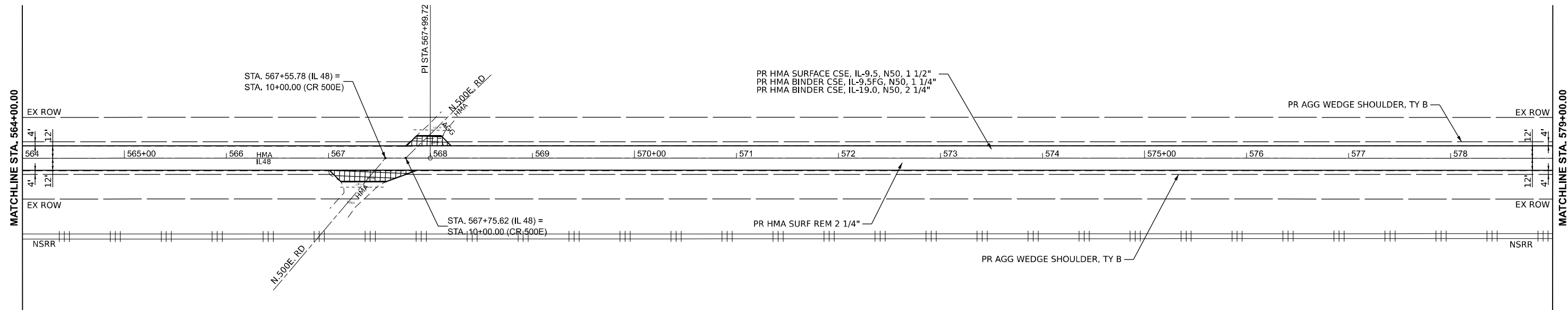
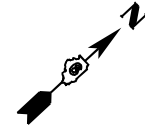
SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135RS-7, 136RS-4, 137RS-5)SW	CHRISTIAN	64	31
CONTRACT NO. 72799				
ILLINOIS FED. AID PROJECT STP-FJWP(497)				

HMA SURFACE REMOVAL BUTT-JOINT



HMA SURFACE REMOVAL BUTT-JOINT



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USER NAME = Christopher.Siefert	DESIGNED -	REVISED -
DRAWN -	REVISIONS -	
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PLOT DATE = 3/30/2023	DATE -	REVISED -

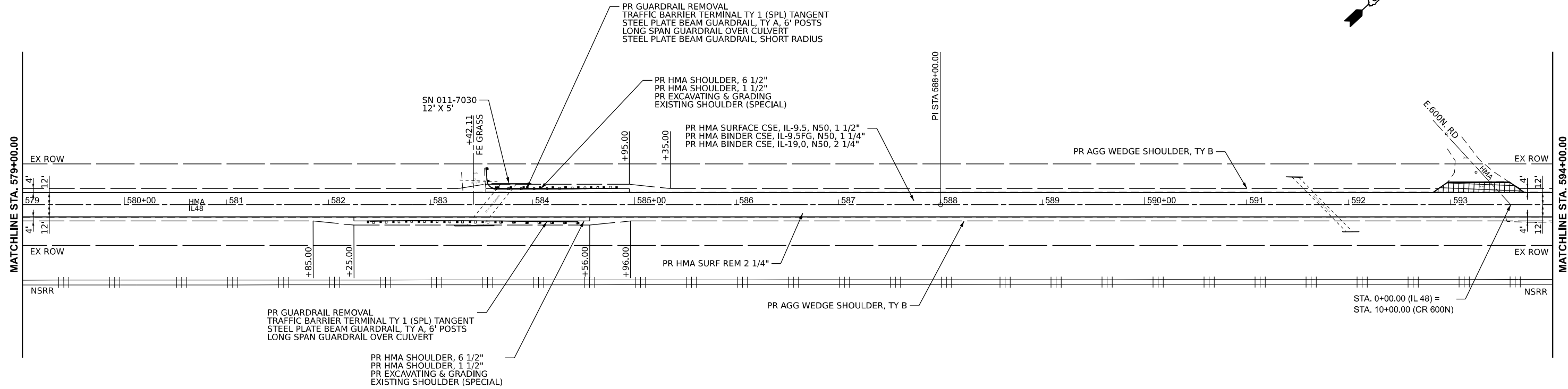
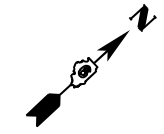
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP 714 (IL 48)
PLAN SHEET**

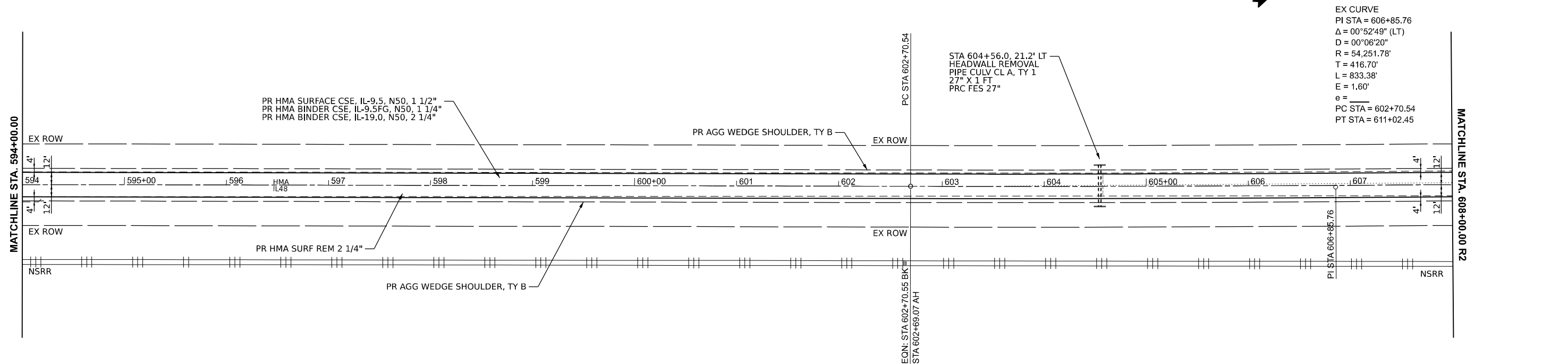
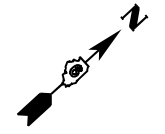
SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135RS-7, 136RS-4, 137RS-5)SW	CHRISTIAN	64	32
CONTRACT NO. 72799				
ILLINOIS FED. AID PROJECT STP-FJWP(497)				

HMA SURFACE REMOVAL BUTT-JOINT



HMA SURFACE REMOVAL BUTT-JOINT



EX CURVE
 PI STA = 606+85.76
 $\Delta = 00^{\circ}52'49''$ (LT)
 $D = 00^{\circ}06'20''$
 $R = 54,251.78'$
 $T = 416.70'$
 $L = 833.38'$
 $E = 1.60'$
 $e =$
 PC STA = 602+70.54
 PT STA = 611+02.45

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 DATE: 3/31/2023

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PLOT DATE = 3/31/2023	CHECKED -	REVISED -
	DATE -	REVISED -

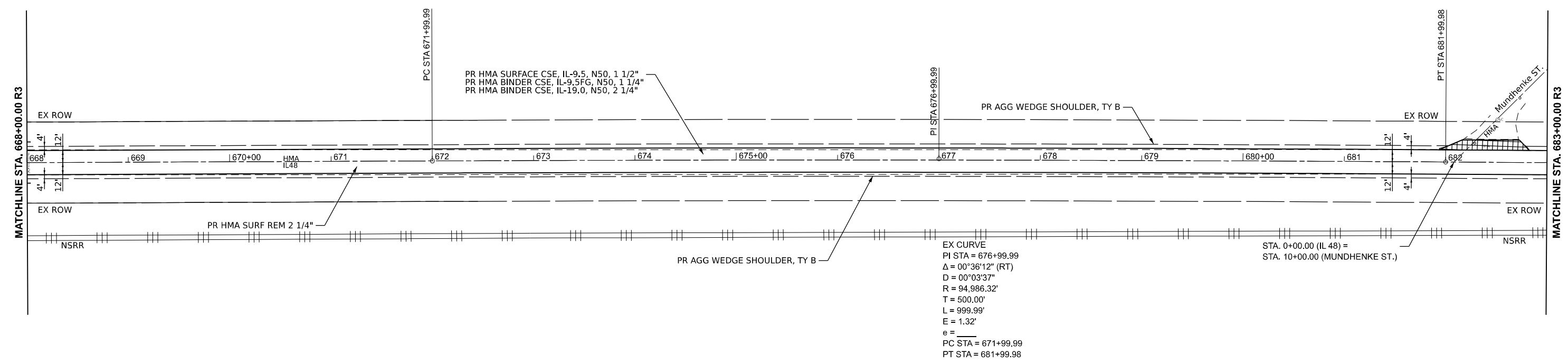
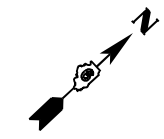
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**FAP 714 (IL 48)
 PLAN SHEET**

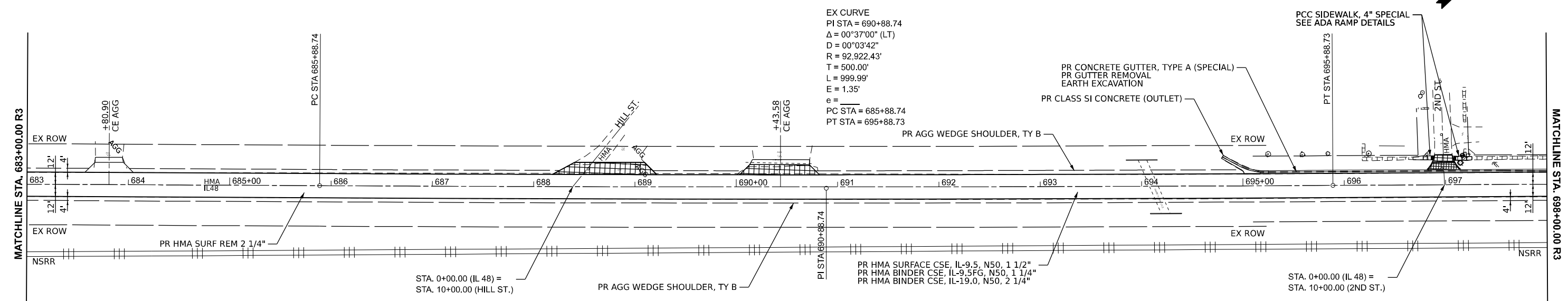
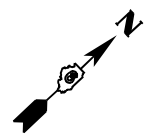
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135RS-7, 136RS-4, 137RS-5)SW	CHRISTIAN	64	33
CONTRACT NO. 72799				
ILLINOIS FED. AID PROJECT STP-FJWP(497)				

HMA SURFACE REMOVAL BUTT-JOINT



HMA SURFACE REMOVAL BUTT-JOINT



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USER NAME = Christopher.Siefert	DESIGNED -	REVISED -
DRAWN -	REVISED -	
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PLOT DATE = 3/31/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

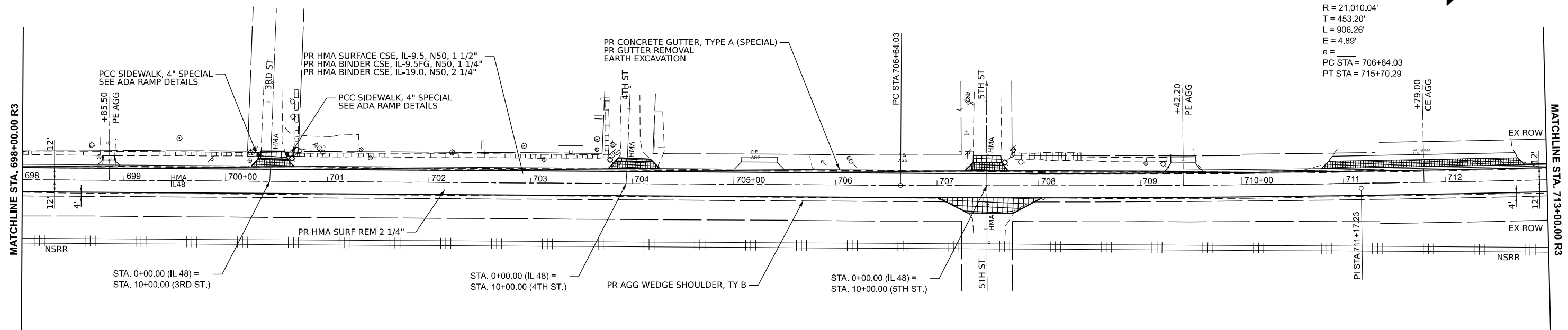
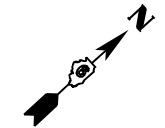
FAP 714 (IL 48)
PLAN SHEET

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

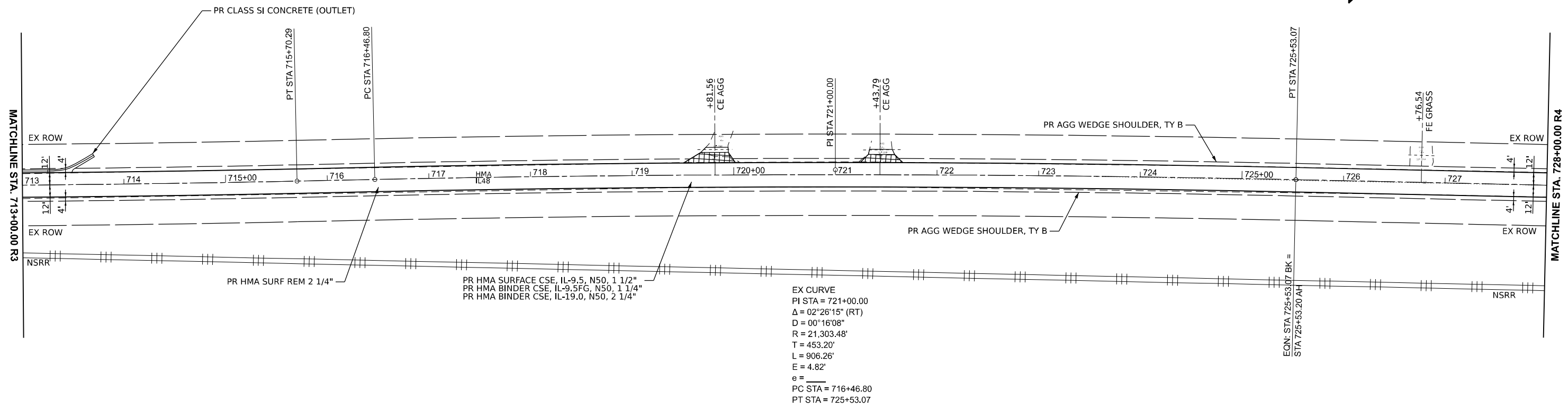
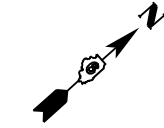
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135RS-7, 136RS-4, 137RS-5)SW	CHRISTIAN	64	36
CONTRACT NO. 72799				
ILLINOIS FED. AID PROJECT STP-FJWP(497)				

 HMA SURFACE REMOVAL BUTT-JOINT
 PAVEMENT/DRIVEWAY PAVEMENT REMOVAL

EX CURVE
 PI STA = 711+17.23
 $\Delta = 02^{\circ}28'17''$ (LT)
 $D = 00^{\circ}16'22''$
 $R = 21,010.04'$
 $T = 453.20'$
 $L = 906.26'$
 $E = 4.89'$
 $e =$
 PC STA = 706+64.03
 PT STA = 715+70.29



 HMA SURFACE REMOVAL BUTT-JOINT



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DRAWN	-	REVISION	-	REVISION	-
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PLOT DATE	= 3/31/2023	DATE	-	REVISION	-

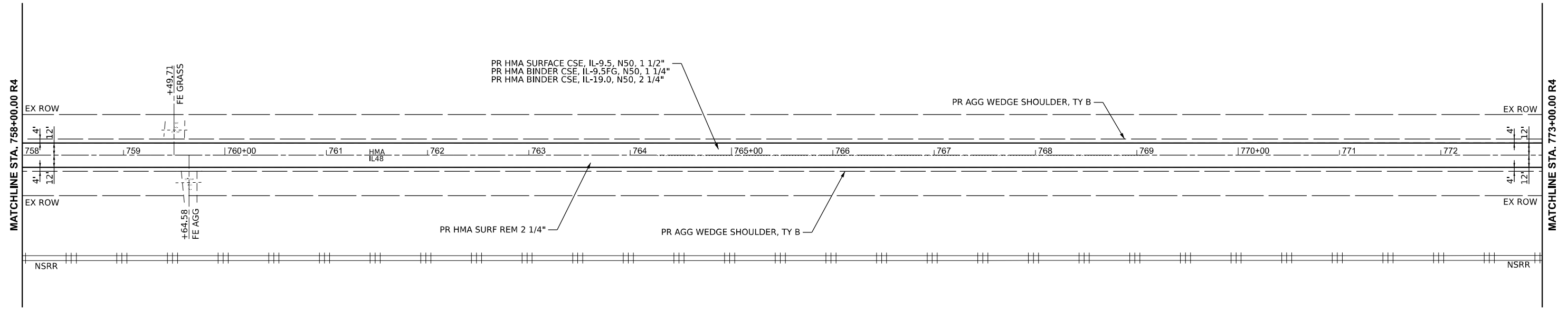
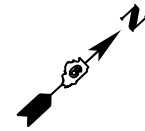
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**FAP 714 (IL 48)
 PLAN SHEET**

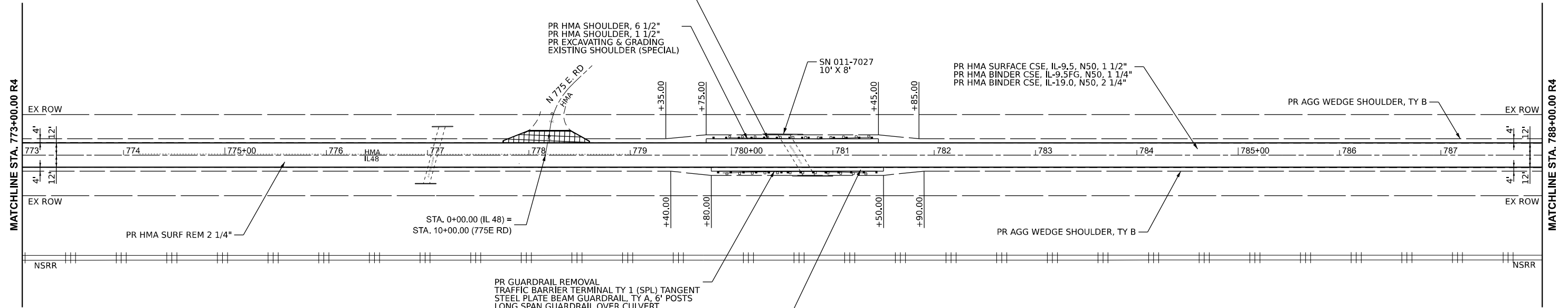
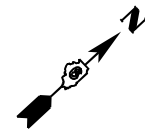
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135RS-7, 136RS-4, 137RS-5)SW	CHRISTIAN	64	37
CONTRACT NO. 72799				
ILLINOIS FED. AID PROJECT STP-FJWP(497)				

HMA SURFACE REMOVAL BUTT-JOINT



HMA SURFACE REMOVAL BUTT-JOINT



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 PROJECT: ILLINOIS STATE ROAD DISTRICT 60000
 PROJECT: ILLINOIS STATE ROAD DISTRICT 60000

USER NAME	= Christopher.Siefert	DESIGNED	-	REVISED	-
DRAWN	-	REVISED	-	REVISED	-
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PLOT DATE	= 3/31/2023	DATE	-	REVISED	-

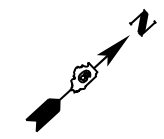
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP 714 (IL 48)
PLAN SHEET**

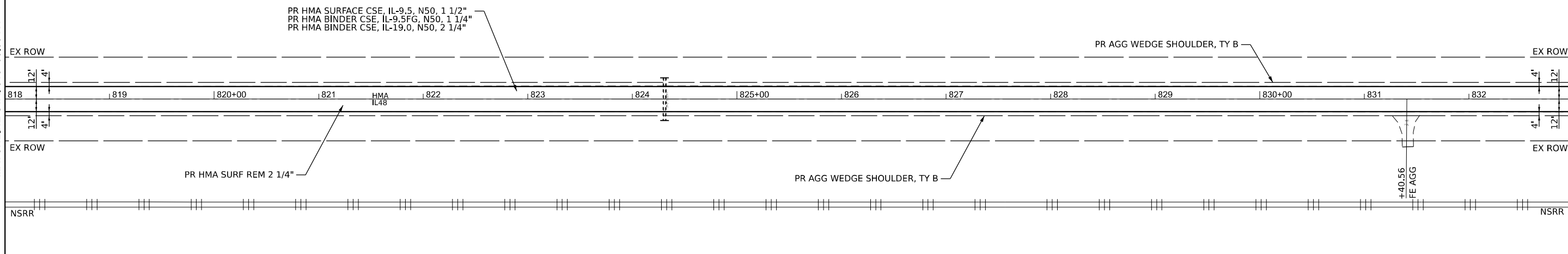
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135RS-7, 136RS-4, 137RS-5)SW	CHRISTIAN	64	39
CONTRACT NO. 72799				
ILLINOIS FED. AID PROJECT STP-FJWP(497)				

HMA SURFACE REMOVAL BUTT-JOINT

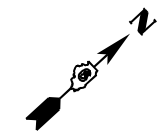


MATCHLINE STA. 818+00.00 R4

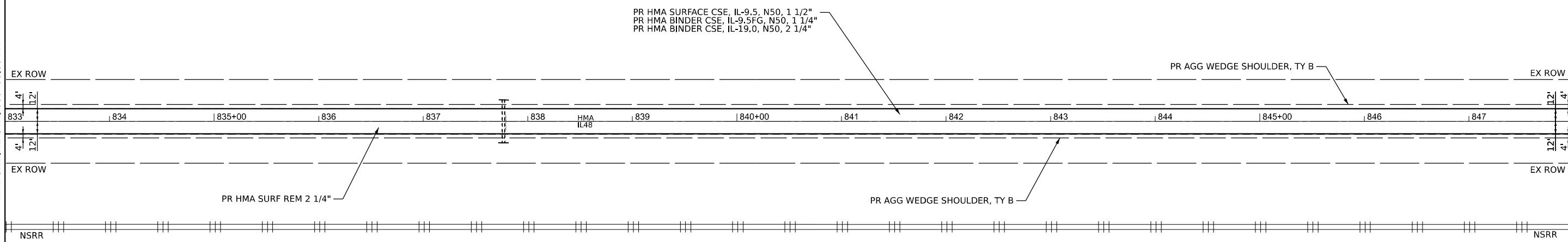


MATCHLINE STA. 833+00.00 R4

HMA SURFACE REMOVAL BUTT-JOINT



MATCHLINE STA. 833+00.00 R4



MATCHLINE STA. 848+00.00 R4

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DRAWN -	REVISED -	
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PLOT DATE = 3/30/2023	DATE -	REVISED -

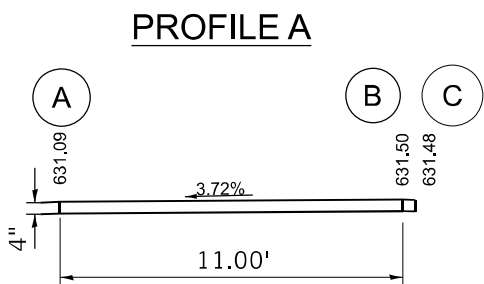
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP 714 (IL 48)
PLAN SHEET**

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

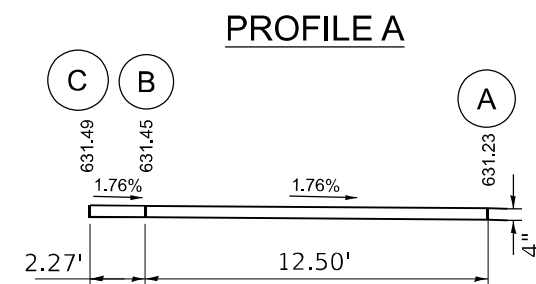
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135RS-7, 136RS-4, 137RS-5)SW	CHRISTIAN	64	41
CONTRACT NO. 72799				
ILLINOIS FED. AID PROJECT STP-FJWP(497)				

EOP ELEVATIONS W QUAD IL 48 / 3RD STREET			
POINT	STATION	OFFSET	ELEVATION
R1 / C	496+02.70	35.38' LT	(631.48)
R2	495+98.24	21.16' LT	632.03
R3	495+86.49	12.00' LT	632.50
E	496+02.37	31.39' LT	631.53



3RD STREET - W QUAD

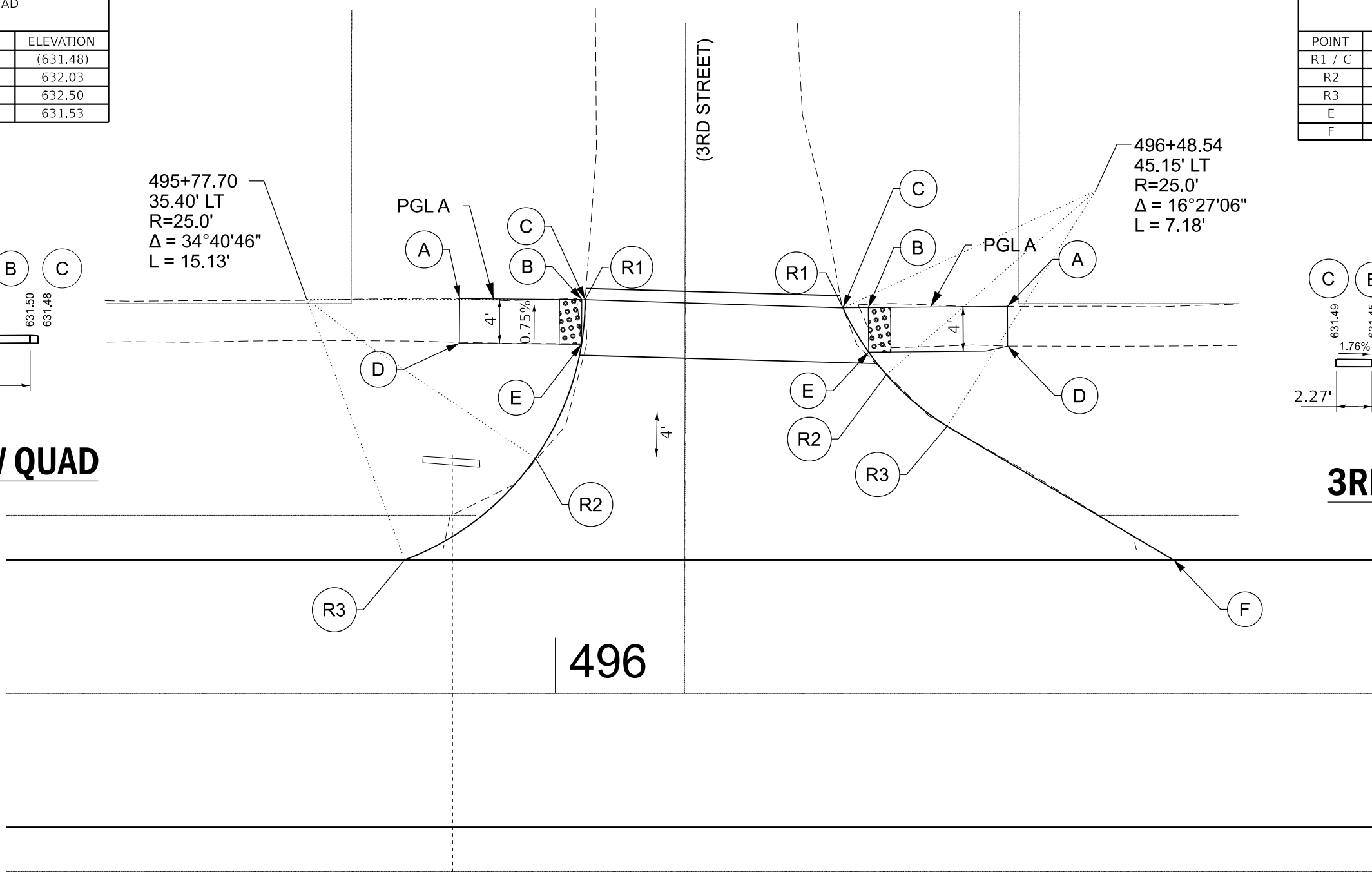
EOP ELEVATIONS N QUAD IL 48 / 3RD STREET			
POINT	STATION	OFFSET	ELEVATION
R1 / C	496+25.86	34.64' LT	(631.49)
R2	496+29.76	28.64' LT	631.55
R3	496+35.21	24.00' LT	631.60
E	496+28.17	30.66' LT	631.53
F	496+55.55	12.00' LT	632.38



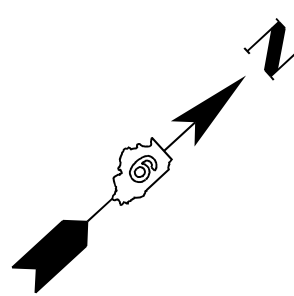
3RD STREET - N QUAD

495+77.70
35.40' LT
R=25.0'
 $\Delta = 34^\circ 40' 46''$
L = 15.13'

496+48.54
45.15' LT
R=25.0'
 $\Delta = 16^\circ 27' 06''$
L = 7.18'



3RD STREET - MORRISONVILLE



LEGEND

- DETECTABLE WARNINGS
- TURNING SPACE
- EXISTING ELEVATION
- * SIDE CURB (0" < HEIGHT ≤ 9")
- TYPE B CURB SPL. (9" < HEIGHT ≤ 18")
- RETAINING WALL (HEIGHT > 18")

* SIDE CURB TO BE INCLUDED FOR PAYMENT AS SIDEWALK

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PLOT DATE = 3/30/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

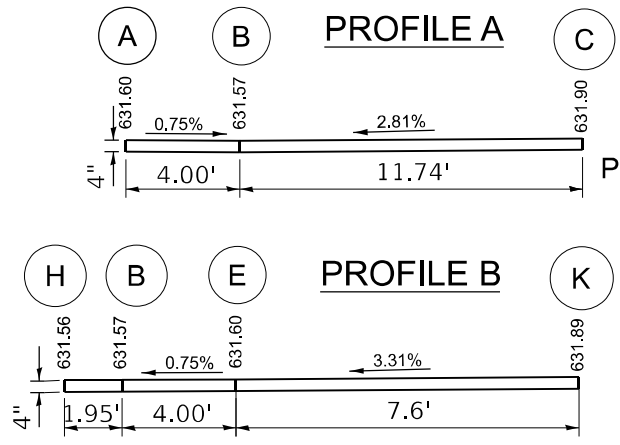
ADA RAMP DETAILS MORRISONVILLE			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	**	CHRISTIAN	64	46
CONTRACT NO. 72799				

ILLINOIS FED. AID PROJECT
LONG SECTION NUMBER: (135RS-7, 136RS-4, 137RS-5)SW

EOP ELEVATIONS W QUAD IL 48 / 4TH STREET			
POINT	STATION	OFFSET	ELEVATION
R1	499+58.69	37.00' LT	(631.90)
R2	499+55.97	30.17' LT	631.90
R3	499+50.73	25.00' LT	631.89
C	499+58.26	35.10' LT	631.90
F	499+56.55	31.10' LT	631.90
K	499+46.51	22.32' LT	631.89
J	499+42.53	19.81' LT	631.86

499+41.03
40.08' LT
R=18.0'
Δ = 23°40'30"
L = 7.41'



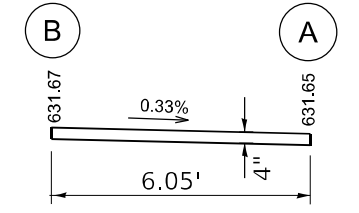
4TH STREET - W QUAD

499

500+00

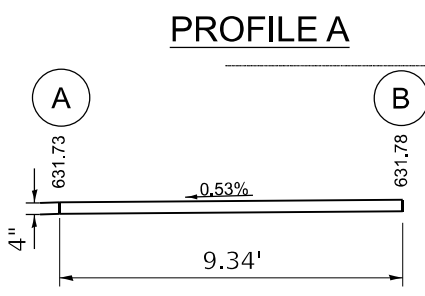
EOP ELEVATIONS N QUAD IL 48 / 4TH STREET			
POINT	STATION	OFFSET	ELEVATION
R1	499+85.73	37.00' LT	(631.69)
R2	499+96.23	21.54' LT	631.51
R3	500+13.19	13.69' LT	631.99
B	499+86.34	35.34' LT	631.67
D	499+88.22	31.36' LT	631.63

500+18.88
48.22' LT
R=35.0'
Δ = 30°58'03"
L = 18.92'



4TH STREET - N QUAD

4TH STREET - S QUAD



EOP ELEVATIONS S QUAD IL 48 / 4TH STREET			
POINT	STATION	OFFSET	ELEVATION
R1	499+31.65	13.79' RT	631.99
R2	499+40.33	15.56' RT	631.83
R3	499+48.36	19.32' RT	(631.67)
B	499+42.63	16.40' RT	631.78
D	499+46.62	18.30' RT	631.70

499+28.57
51.08' RT
R=37.5'
Δ = 13°35'59"
L = 8.89'

4TH STREET - S QUAD

4TH STREET - MORRISONVILLE

LEGEND

- DETECTABLE WARNINGS
- TURNING SPACE
- EXISTING ELEVATION
- * SIDE CURB (0" < HEIGHT ≤ 9")
- TYPE B CURB SPL. (9" < HEIGHT ≤ 18")
- RETAINING WALL (HEIGHT > 18")

* SIDE CURB TO BE INCLUDED FOR PAYMENT AS SIDEWALK

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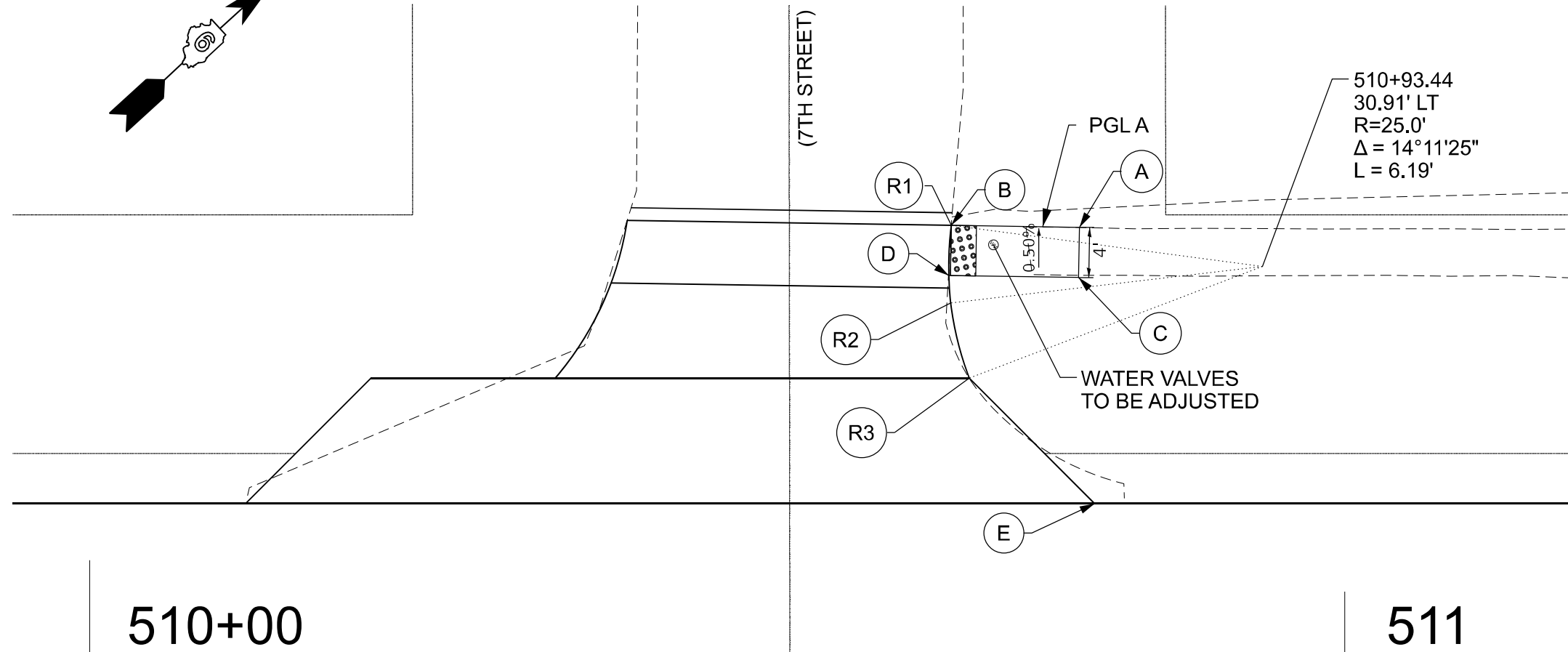
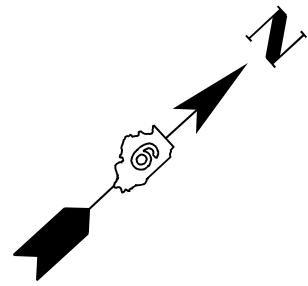
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
MORRISONVILLE

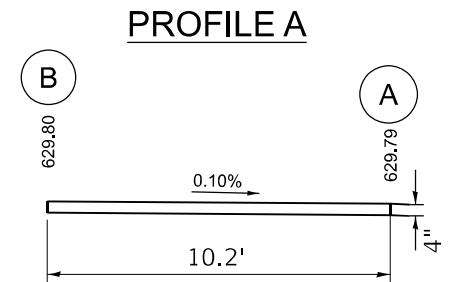
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F.A.P. RTE. 714	SECTION **	COUNTY CHRISTIAN	TOTAL SHEETS 64	SHEET NO. 47
			CONTRACT NO. 72799	
ILLINOIS FED. AID PROJECT				

LONG SECTION NUMBER: (135RS-7, 136RS-4, 137RS-5)SW



EOP ELEVATIONS N QUAD IL 48 / 7TH STREET			
POINT	STATION	OFFSET	ELEVATION
R1 / B	510+68.65	34.17' LT	(629.80)
R2	510+68.61	28.00' LT	629.79
R3	510+70.08	22.00' LT	629.79
D	510+68.45	30.18' LT	629.78
E	510+80.08	12.00' LT	629.81



7TH STREET - N QUAD

7TH STREET - MORRISONVILLE

LEGEND

- DETECTABLE WARNINGS
- TURNING SPACE
- EXISTING ELEVATION
- * SIDE CURB (0" < HEIGHT ≤ 9")
- TYPE B CURB SPL. (9" < HEIGHT ≤ 18")
- RETAINING WALL (HEIGHT > 18")

* SIDE CURB TO BE INCLUDED FOR PAYMENT AS SIDEWALK

MODEL: Detail Sheets (Sheet)
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USER NAME = Christopher.Siefert	DESIGNED -	REVISED -
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PLOT DATE = 3/30/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

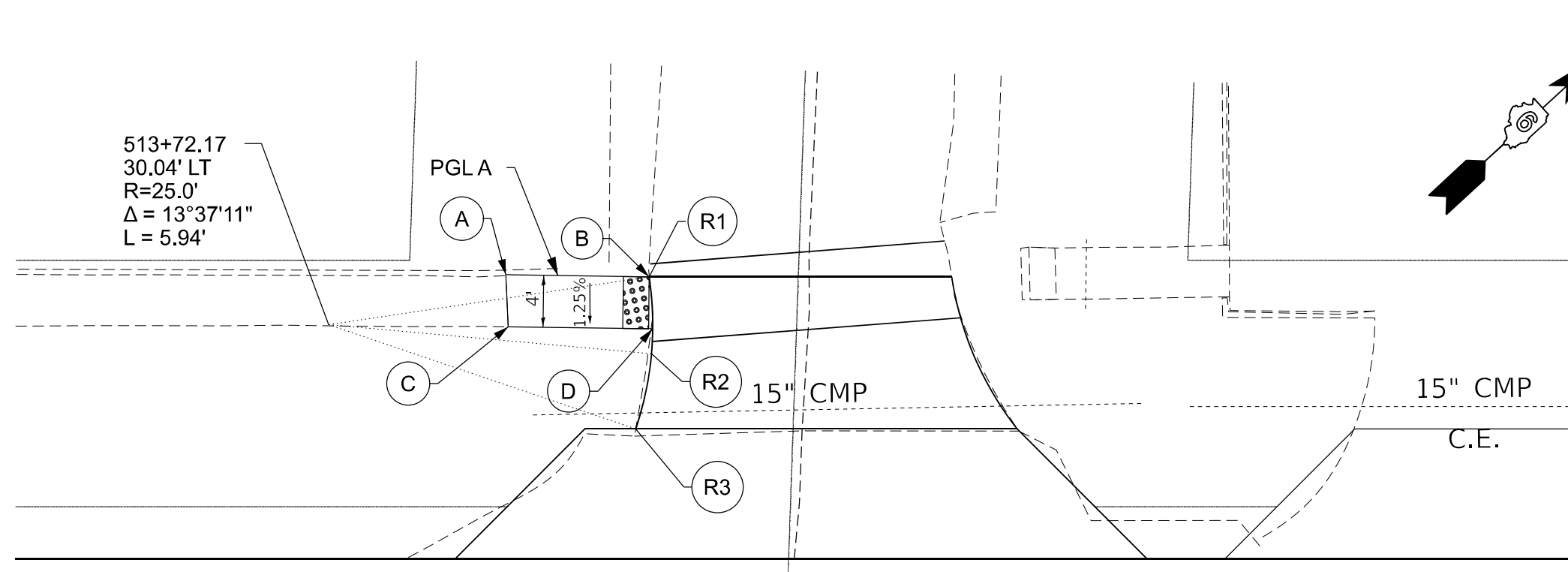
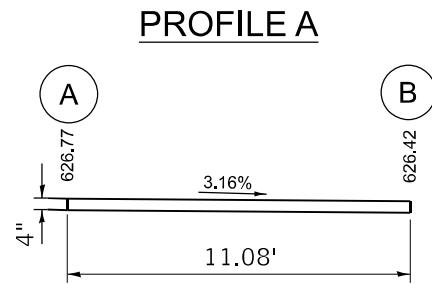
ADA RAMP DETAILS
MORRISONVILLE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	**	CHRISTIAN	64	49
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72799	

LONG SECTION NUMBER: (135RS-7, 136RS-4, 137RS-5)SW

EOP ELEVATIONS W QUAD IL 48 / 8TH STREET			
POINT	STATION	OFFSET	ELEVATION
R1 / B	513+96.90	33.73' LT	(626.42)
R2	513+97.07	27.80' LT	626.32
R3	513+95.84	22.00' LT	626.41
D	513+97.04	29.72' LT	626.36



8TH STREET - W QUAD

514

8TH STREET - MORRISONVILLE

LEGEND

- DETECTABLE WARNINGS
- TURNING SPACE
- EXISTING ELEVATION
- * SIDE CURB (0" < HEIGHT ≤ 9")
- TYPE B CURB SPL. (9" < HEIGHT ≤ 18")
- RETAINING WALL (HEIGHT > 18")

* SIDE CURB TO BE INCLUDED FOR PAYMENT AS SIDEWALK

MODEL: Detail Sheets (Sheet)
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PLOT DATE = 3/30/2023	CHECKED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
MORRISONVILLE**

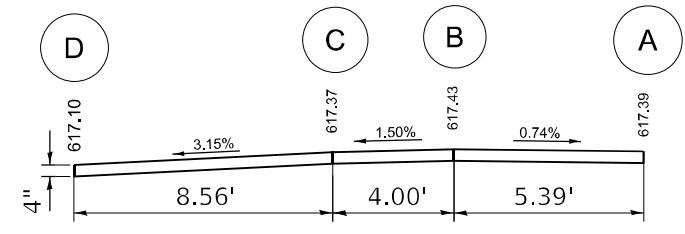
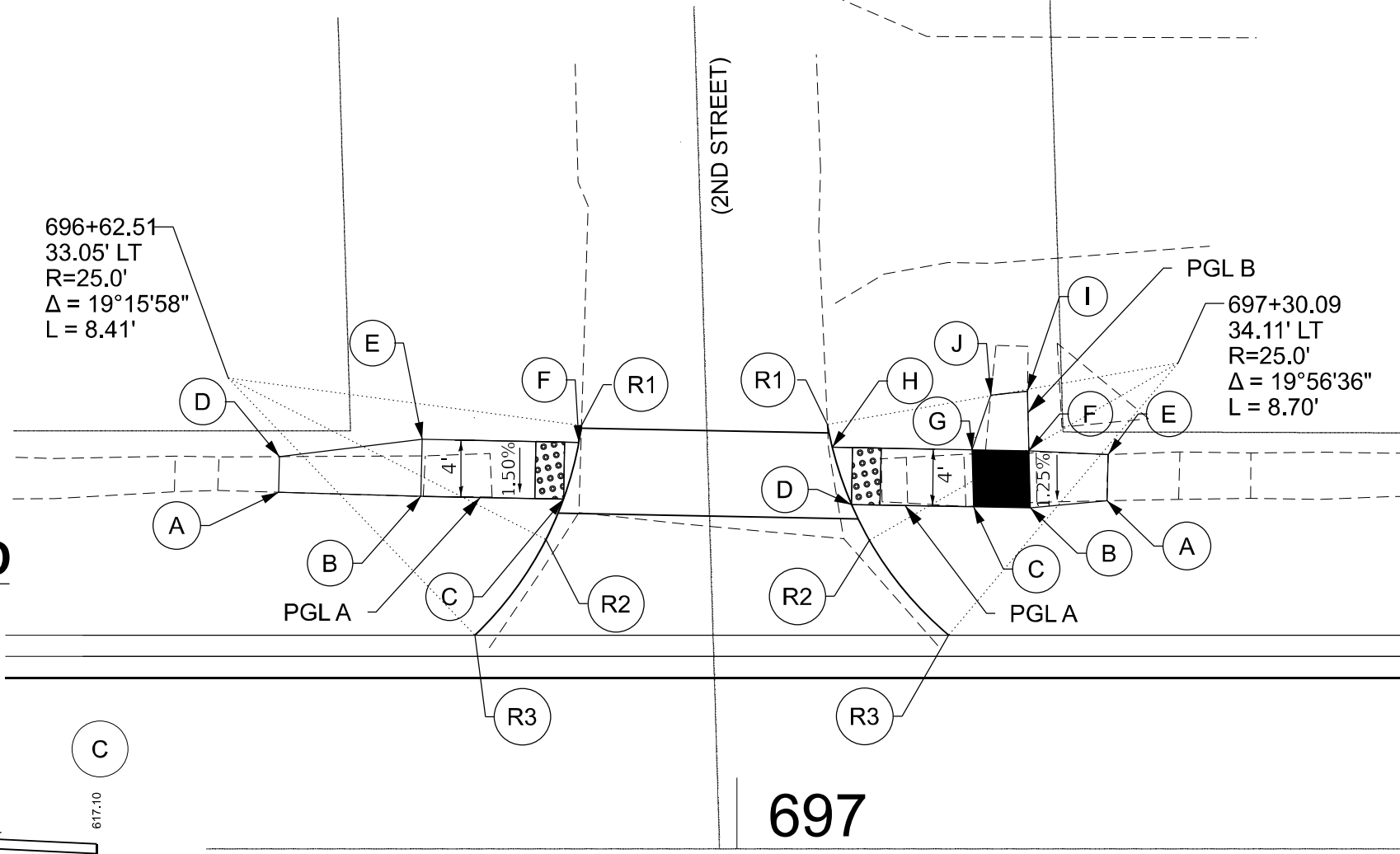
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ILLINOIS FED. AID PROJECT			CONTRACT NO. 72799	

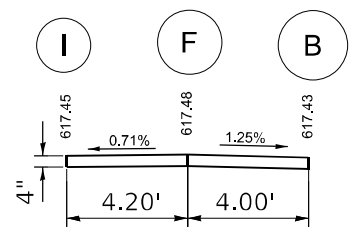
LONG SECTION NUMBER: (135RS-7, 136RS-4, 137RS-5)SW

EOP ELEVATIONS W QUAD IL 48 / 2ND STREET			
POINT	STATION	OFFSET	ELEVATION
R1	696+88.19	29.71' LT	(617.20)
R2	696+85.70	21.72' LT	617.01
R3	696+80.71	15.00' LT	616.44
C	696+86.92	24.56' LT	617.10
F	696+88.00	28.54' LT	617.18

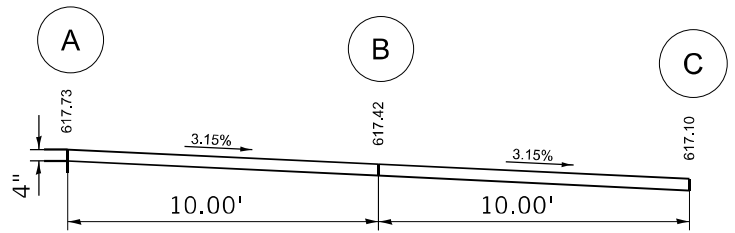
EOP ELEVATIONS N QUAD IL 48 / 2ND STREET			
POINT	STATION	OFFSET	ELEVATION
R1	697+05.47	29.78' LT	(617.22)
R2	697+08.42	21.65' LT	616.78
R3	697+13.97	15.00' LT	616.34
D	697+07.15	24.18' LT	617.10
H	697+05.80	28.20' LT	617.20



PROFILE A



PROFILE B

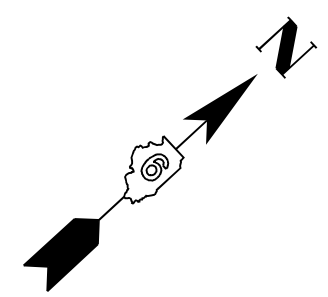


PROFILE A

2ND STREET - N QUAD

2ND STREET - W QUAD

2ND STREET - PALMER



LEGEND

- DETECTABLE WARNINGS
- TURNING SPACE
- EXISTING ELEVATION
- * SIDE CURB (0" < HEIGHT ≤ 9")
- TYPE B CURB SPL. (9" < HEIGHT ≤ 18")
- RETAINING WALL (HEIGHT > 18")

* SIDE CURB TO BE INCLUDED FOR PAYMENT AS SIDEWALK

MODEL: Detail Sheets (Sheet)
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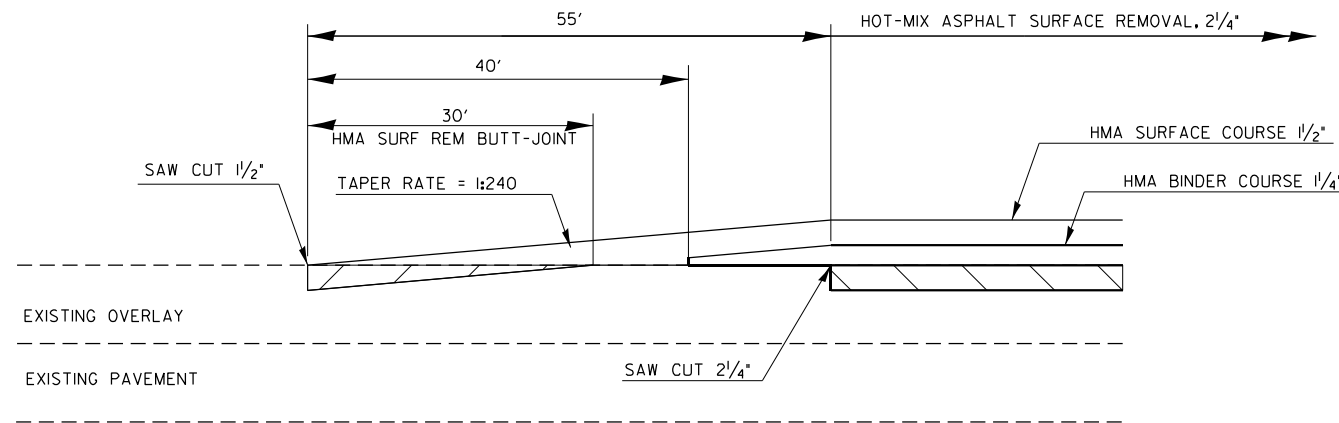
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PLOT DATE = 3/30/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS	
PALMER	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	**	CHRISTIAN	64	51
CONTRACT NO. 72799				
ILLINOIS FED. AID PROJECT				

LONG SECTION NUMBER: (135RS-7, 136RS-4, 137RS-5)SW

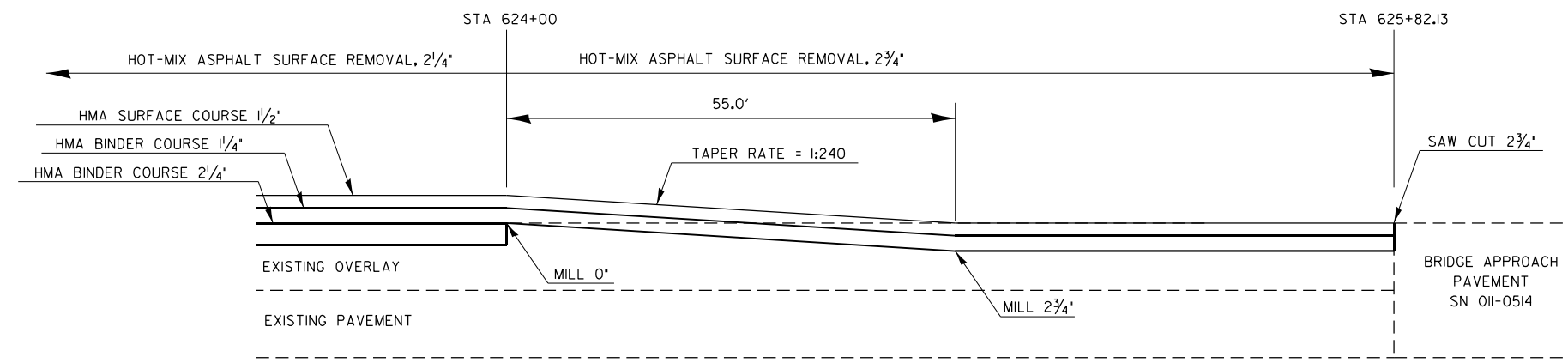


RAMP DETAIL

STA. 191+86.72 TO STA. 192+41.72
 STA. 933+40.00 TO STA. 933+95.00

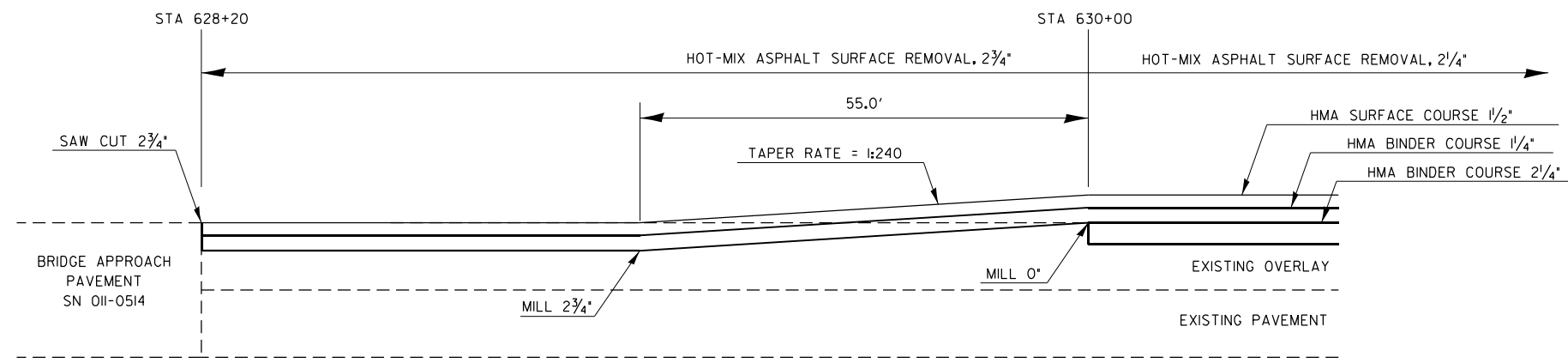
TEMPORARY RAMPS

APPLICATION	RATE	LENGTH
POST 2 1/4" HMA SURFACE REMOVAL	1:40	7'-6"
POST 2 3/4" HMA SURFACE REMOVAL	1:40	9'-2"



RAMP DETAIL

STA. 624+00 TO STA. 624+55



RAMP DETAIL

STA. 629+45 TO STA. 630+00

MODEL: Detail Sheets (Sheet)
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PLOT DATE = 3/30/2023	DATE -	REVISED -

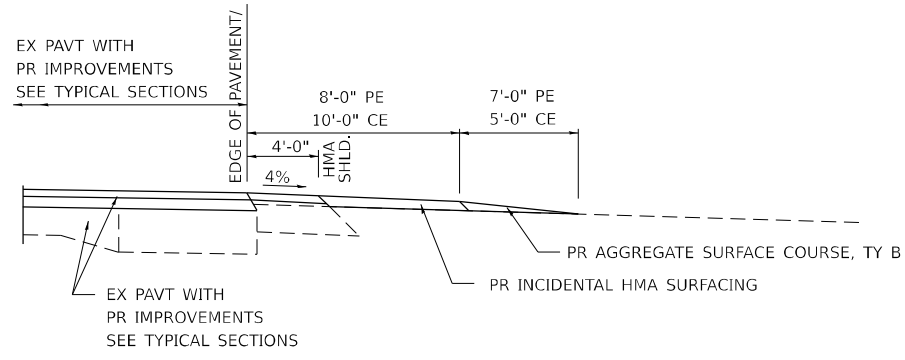
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

HMA RAMP DETAILS

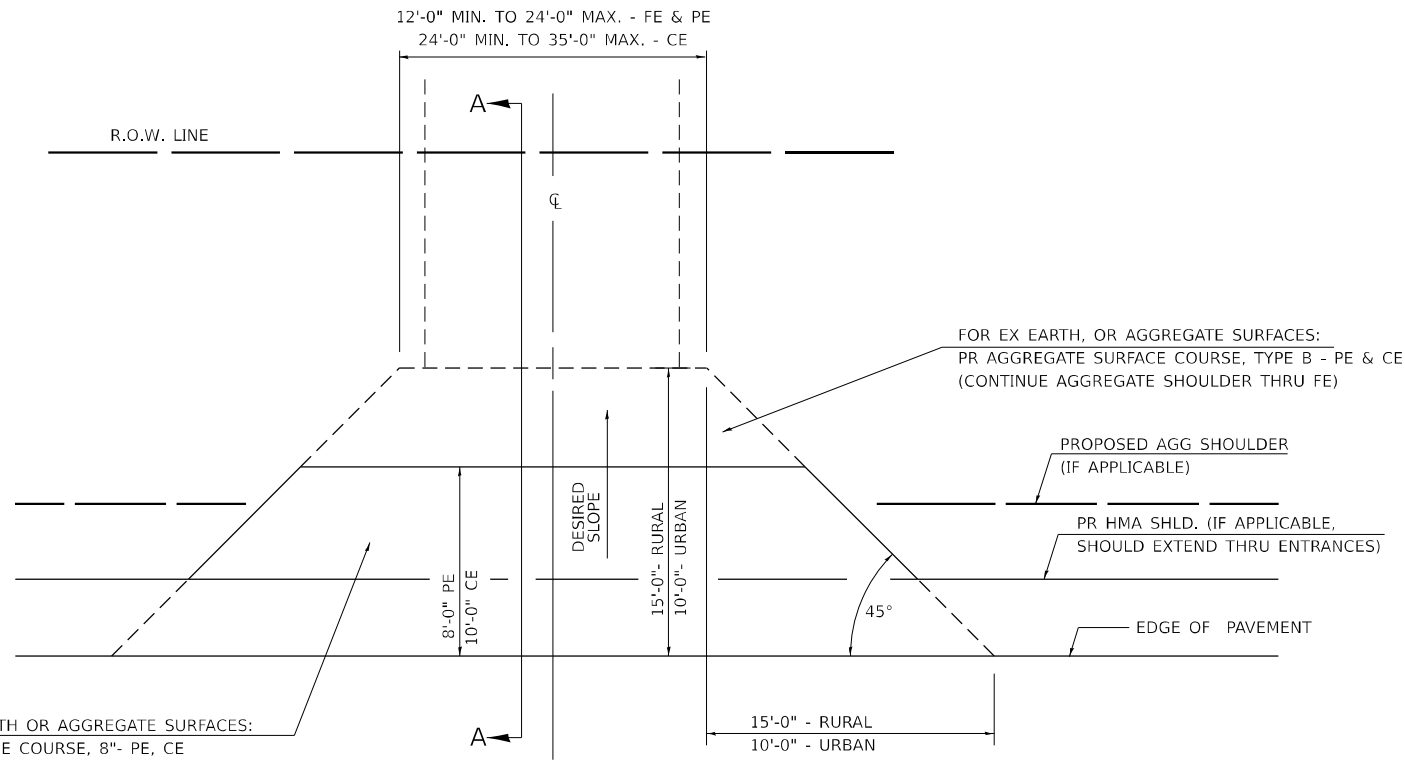
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F.A.P. RTE. 714	SECTION **	COUNTY	TOTAL SHEETS 64	SHEET NO. 53
			CONTRACT NO. 72799	
		ILLINOIS FED. AID PROJECT		

LONG SECTION NUMBER: (135RS-7, 136RS-4, 137RS-5)SW



SECTION A-A FOR EX EARTH/AGGREGATE PE & CE



FOR EX EARTH OR AGGREGATE SURFACES:
PR HMA BASE COURSE, 8" - PE, CE

FOR EX HMA CONCRETE SURFACES:
PR HMA SURFACE REMOVAL-BUTT JOINT

FOR EX PCC SURFACES:
PR PCC SURFACE REMOVAL-BUTT JOINT

FOR EX EARTH, OR AGGREGATE SURFACES:
PR AGGREGATE SURFACE COURSE, TYPE B - PE & CE
(CONTINUE AGGREGATE SHOULDER THRU FE)

PROPOSED AGG SHOULDER
(IF APPLICABLE)

PR HMA SHLD. (IF APPLICABLE,
SHOULD EXTEND THRU ENTRANCES)

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.

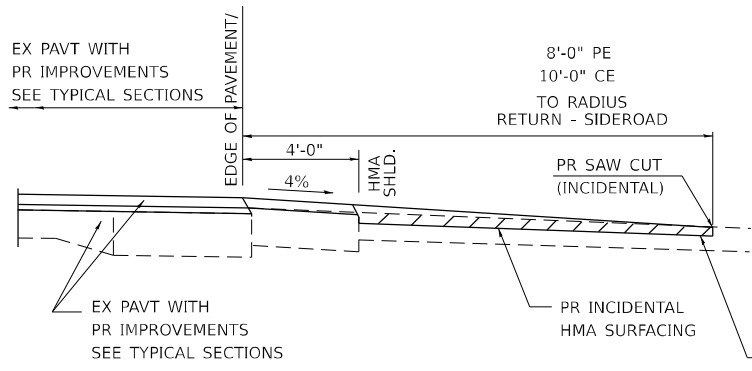
THE PLAN DETAILS AND SCHEDULES SHOULD BE USED AS A GUIDE FOR THE ENGINEER TO IMPLEMENT THE FINAL DESIGN. THE ENGINEER MAY DECIDE TO SALVAGE PORTIONS OF THE EXISTING ENTRANCE PAVEMENT STRUCTURE; THEREFORE, REDUCING PAY ITEM QUANTITIES. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR THIS REDUCTION IN QUANTITIES.

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.

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

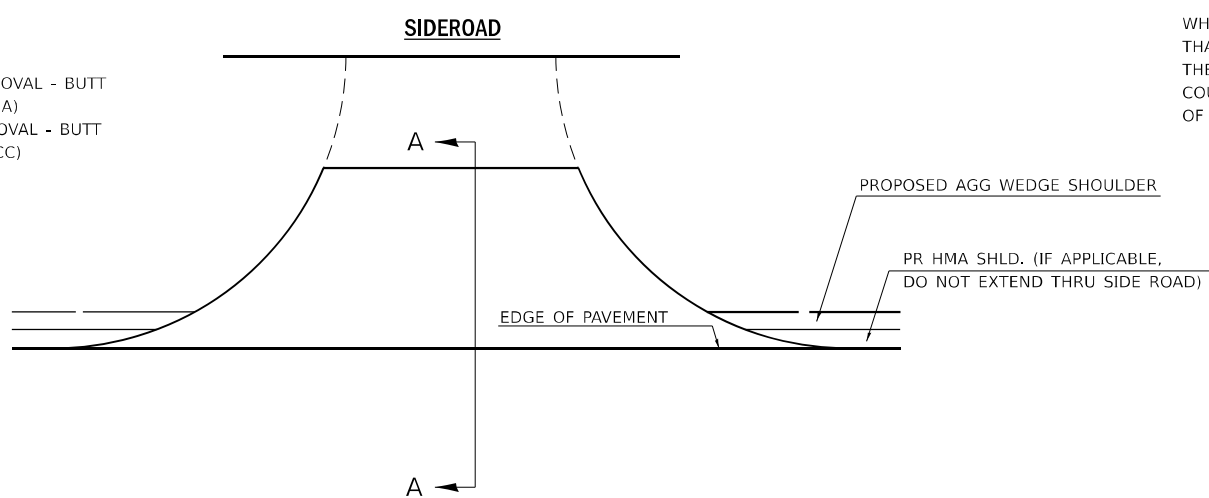
WHEN THE HMA PROPOSED FOR THE IMPROVEMENT IS THICKER THAN 3 INCHES AND REQUIRES PLACEMENT IN MORE THAN ONE LIFT. THE BOTTOM LIFT(S) SHALL MEET THE REQUIREMENTS OF HMA BASE COURSE IN SECTION 406 OF THE STANDARD SPECIFICATIONS AND THE TOP LIFT OF 1 1/2 INCHES SHALL MEET THE REQUIREMENTS OF HMA SURFACE COURSE.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.



SECTION A-A FOR EX HMA/ PC CONCRETE PE, CE & SIDE ROAD

PR HMA SURFACE REMOVAL - BUTT JOINT (IF EXISTING HMA)
PR PCC SURFACE REMOVAL - BUTT JOINT (IF EXISTING PCC)



PROPOSED AGG WEDGE SHOULDER

PR HMA SHLD. (IF APPLICABLE,
DO NOT EXTEND THRU SIDE ROAD)

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PLOT DATE = 3/30/2023	CHECKED -	REVISED -
	DATE -	REVISED -

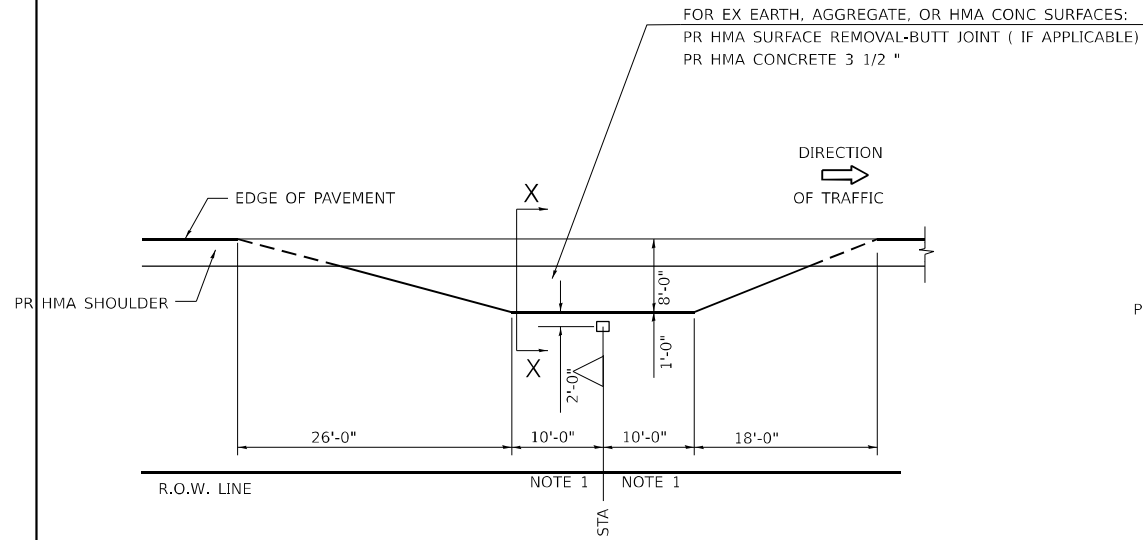
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ENTRANCE DETAILS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

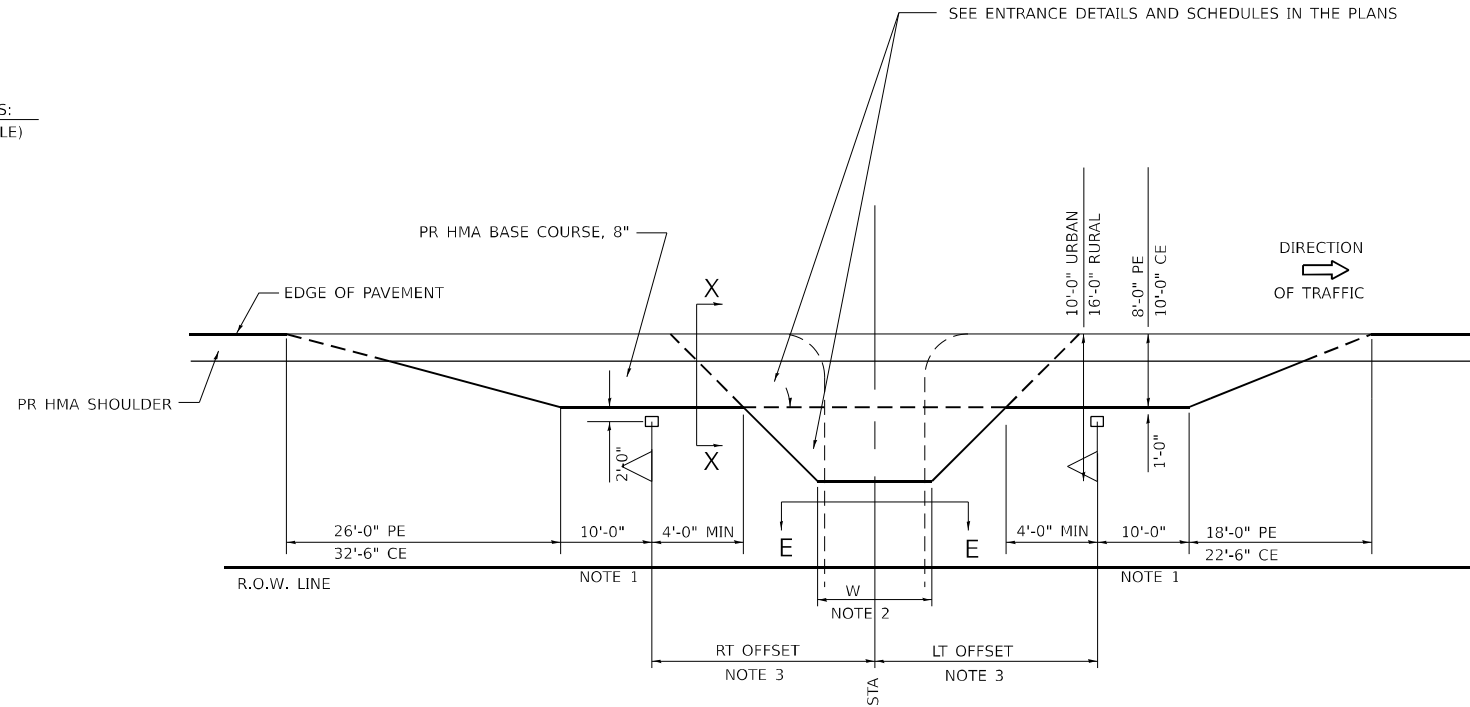
F.A.P. RTE. 714	SECTION **	COUNTY CHRISTIAN	TOTAL SHEETS 64	SHEET NO. 54
CONTRACT NO. 72799			ILLINOIS FED. AID PROJECT	

LONG SECTION NUMBER: (135RS-7, 136RS-4, 137RS-5)SW

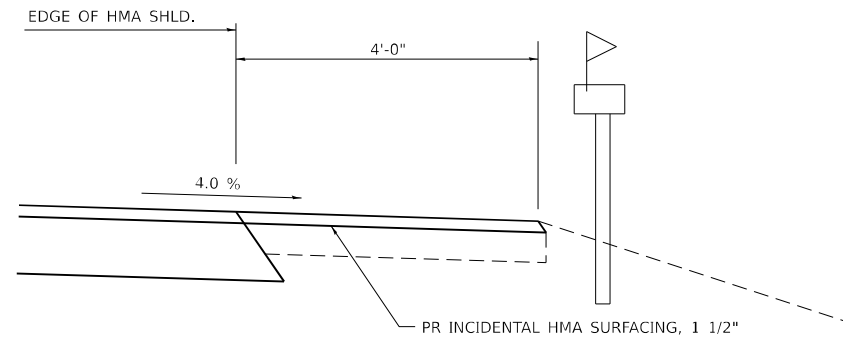
DETAILS OF MAILBOX TURNOUTS



PLAN - MAILBOX TURNOUTS



PLAN - COMBINED MAILBOX TURNOUT WITH TRAILING OR LEADING ENTRANCE



SECTION X-X THRU MAILBOX TURNOUT

NOTE 1 IF MORE THAN ONE MAILBOX IS PRESENT, DIMENSION FROM CENTER OF END MAILBOX.

NOTE 2 FOR ENTRANCE LAYOUT DIMENSIONS AND SECTIONS A-A & E-E REFER TO THE SCHEDULES IN THE PLANS.

NOTE 3 BOTH LT OR RT OFFSETS FOR MAILBOX SHOWN USE OFFSET DIMENSION PER SCHEDULE AND REFER TO LAYOUT SHOWN ON THE PLAN.

MODEL: Detail Sheets (Sheet)
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USER NAME = Christopher.Siefert	DESIGNED -	REVISED -
PLOT SCALE = 0.16666667 / in.	DRAWN -	REVISED -
PLOT DATE = 3/30/2023	CHECKED -	REVISED -
	DATE -	REVISED -

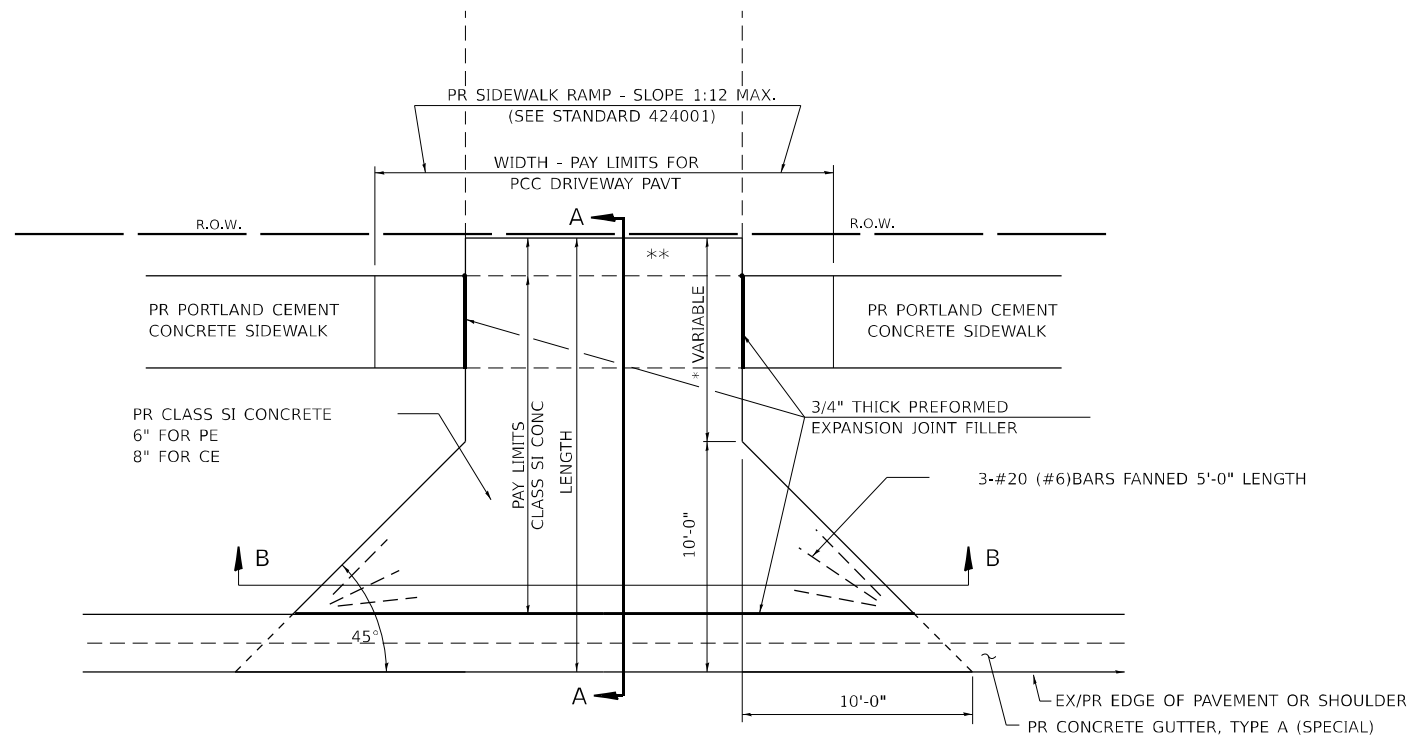
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ENTRANCE DETAILS

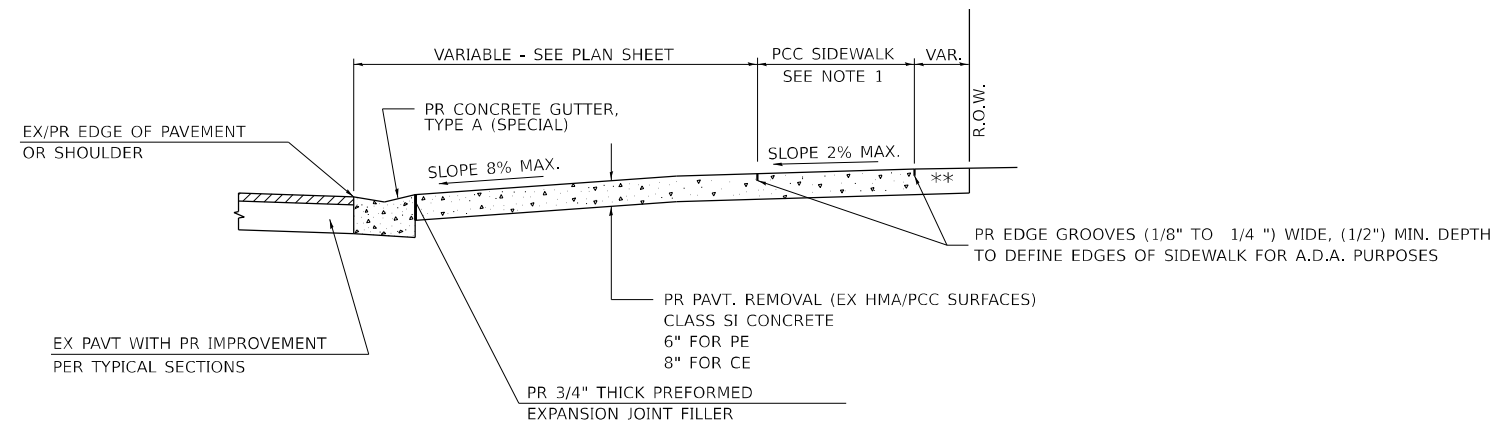
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	**	CHRISTIAN	64	55
CONTRACT NO. 72799				
ILLINOIS FED. AID PROJECT				

LONG SECTION NUMBER: (135RS-7, 136RS-4, 137RS-5)SW



PLAN - PE & CE



SECTION A-A

** MATCH IN KIND BEHIND SIDEWALK
 FOR EX EARTH OR AGGREGATE SURFACES :
 PR AGGREGATE BASE COURSE, TYPE B 6" - PE/FE
 PR CLASS SI CONCRETE 8" - CE

FOR EX HMA CONC. SURFACES :
 PR HMA CONCRETE 6" - PE
 PR HMA CONCRETE 8" - CE

FOR EX PCC SURFACES :
 PR CLASS SI CONCRETE 6" - PE
 PR CLASS SI CONCRETE 8" - CE

* NOTE : IN AREAS WITH NO SIDEWALK, MATCH IN KIND BEHIND 10' FLARE

NOTES:

1. SEE PLAN SHEET / ENTRANCE PROFILE FOR LOCATION OF SIDEWALK.
2. THE COST OF FURNISHING AND INSTALLING THE 3/4" PREFORMED EXPANSION JOINT FILLER AND REINFORCEMENT BARS SHALL BE INCLUDED IN THE COST OF CLASS SI CONCRETE.

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	DRAWN -	REVISED -
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PLOT DATE = 3/30/2023	DATE -	REVISED -

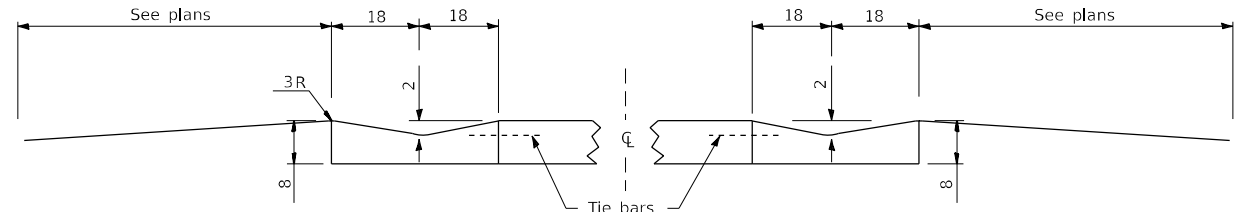
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ENTRANCE DETAILS

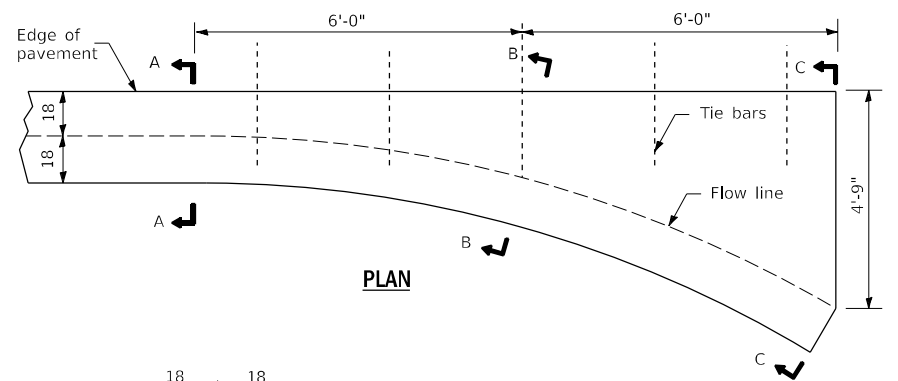
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	**	CHRISTIAN	64	56
CONTRACT NO. 72799				
ILLINOIS FED. AID PROJECT				

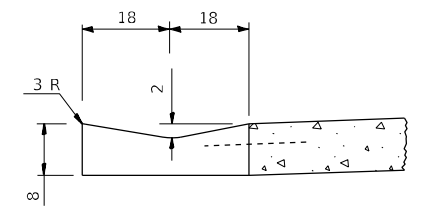
LONG SECTION NUMBER: (135RS-7, 136RS-4, 137RS-5)SW



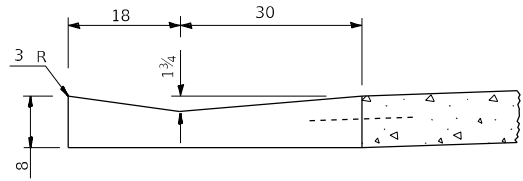
CONCRETE GUTTER, TYPE A (SPECIAL)



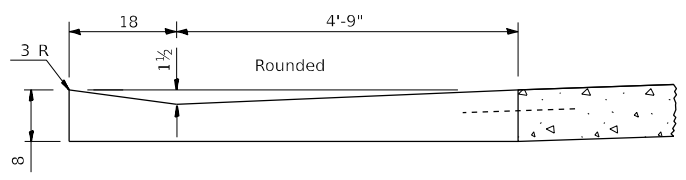
SECTION A-A



QUANTITY
Section C-C to A-A
1.18 cu. yd.
concrete.

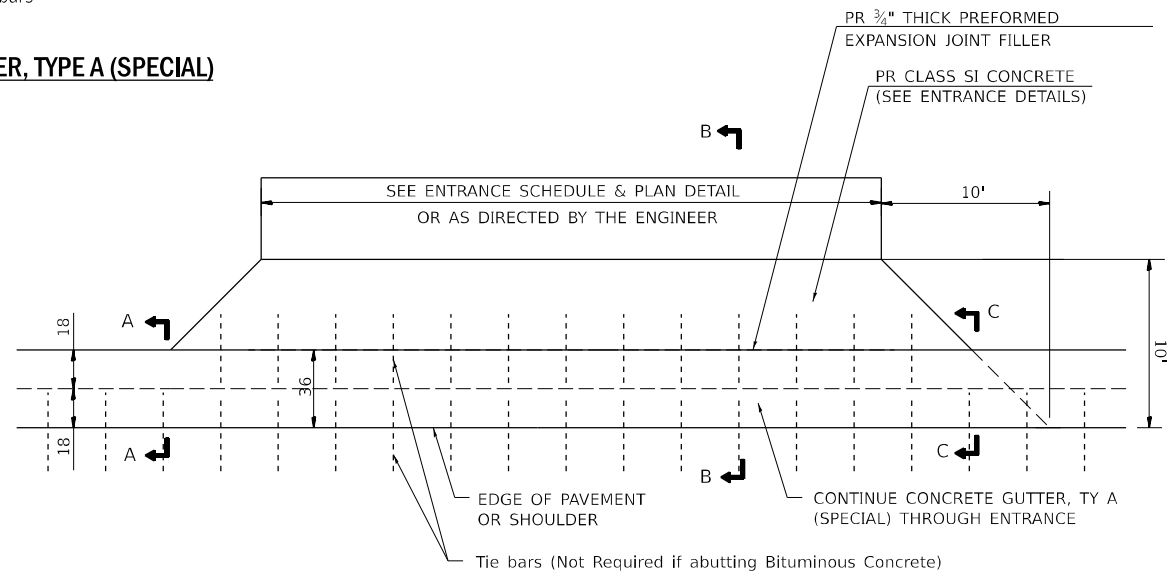


SECTION B-B

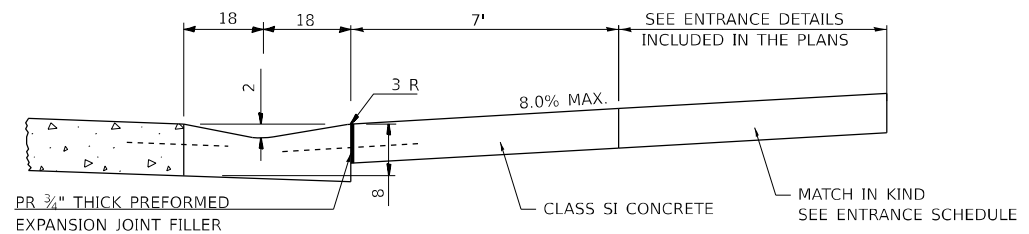
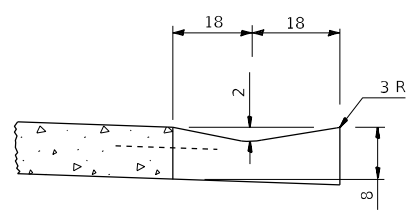


SECTION C-C

INLET



SECTION A-A & C-C



SECTION B-B

ENTRANCE

GENERAL NOTES

Tie bars shall be No. 20 (No. 6) at 24" centers unless otherwise shown.
Gutter, gutter inlet, gutter outlet and gutter entrance shall be tied to the pavement in accordance with details for longitudinal construction joint shown on Standard 420001.
Two 1-1/4" x 18" dowelbars shall be installed in all joints when the gutter is constructed adjacent to existing pavement.

All dimensions are in inches unless otherwise shown.

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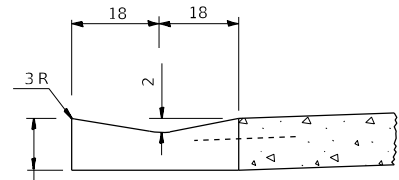
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CONCRETE GUTTER, TYPE A (SPECIAL)
(INLET, OUTLET & ENTRANCE)**

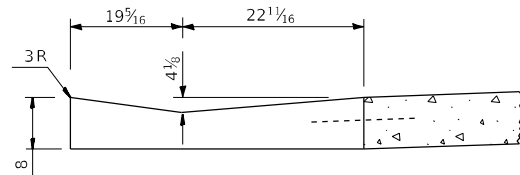
SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE. 714	SECTION **	COUNTY CHRISTIAN	TOTAL SHEETS 64	SHEET NO. 58
CONTRACT NO. 72799				

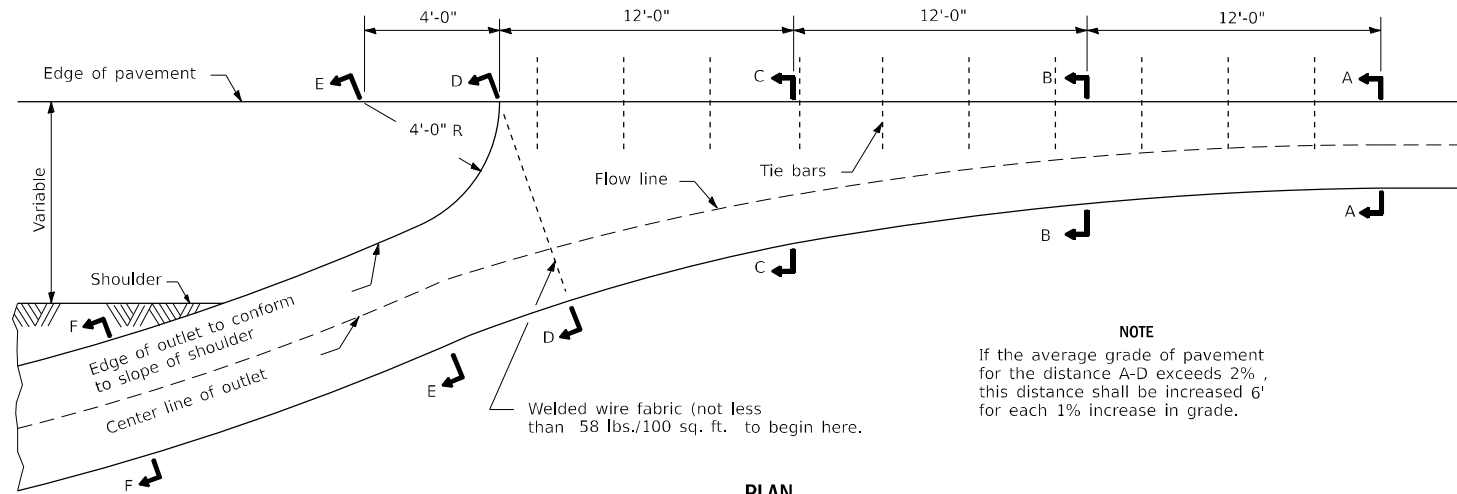
LONG SECTION NUMBER: (135RS-7, 136RS-4, 137RS-5)SW



SECTION A-A



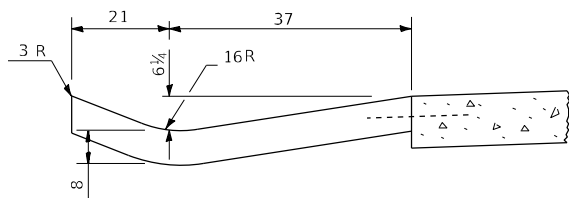
SECTION B-B



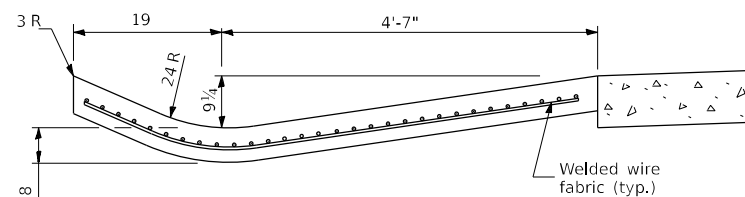
PLAN

NOTE
If the average grade of pavement for the distance A-D exceeds 2% , this distance shall be increased 6' for each 1% increase in grade.

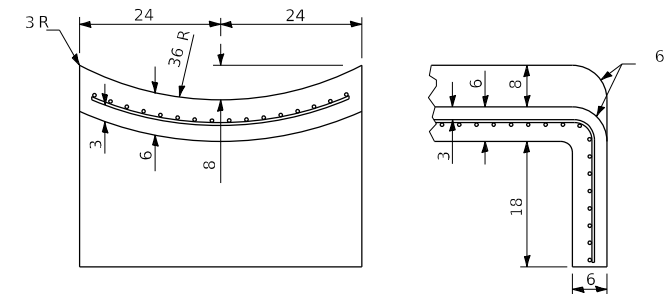
QUANTITY
Section A-A to E-E and curtain wall
4.71 cu. yd. concrete
Section F-F = 0.079 cu. yd./ft.



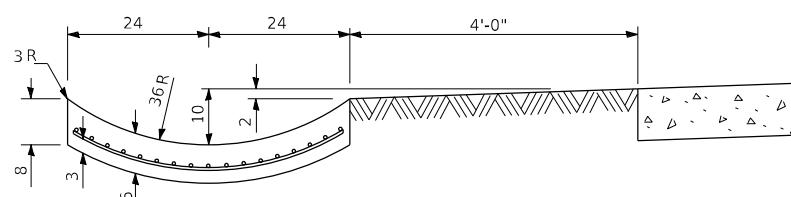
SECTION C-C



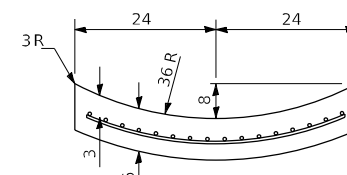
SECTION D-D



SECTIONS AT END OF OUTLET



SECTION E-E



SECTION F-F

OUTLET

All dimensions are in inches unless otherwise shown.

MODEL: Detail Sheets (Sheet)
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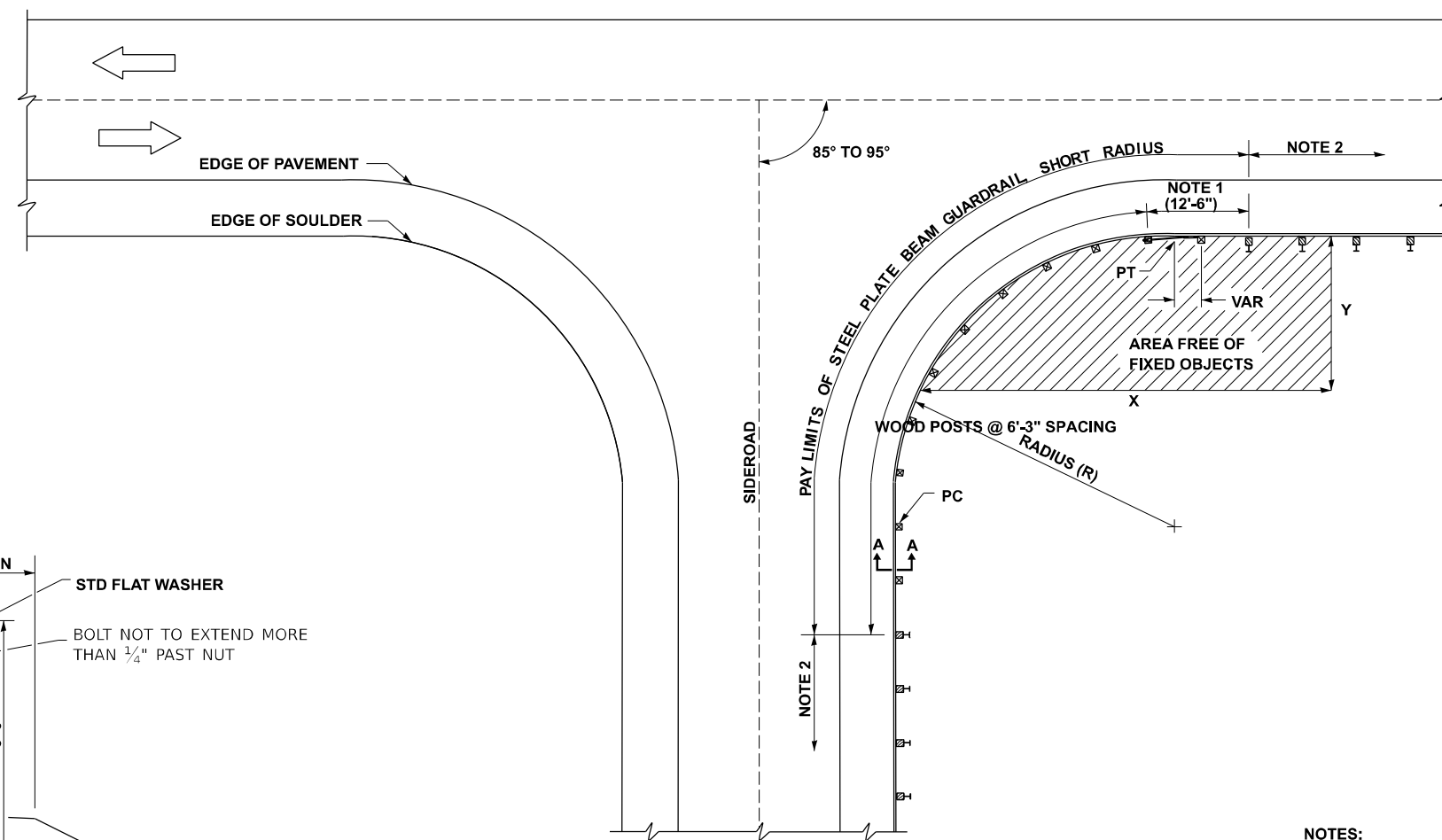
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CONCRETE GUTTER, TYPE A (SPECIAL)
(INLET, OUTLET & ENTRANCE)**

SCALE: SHEET OF SHEETS STA. TO STA.

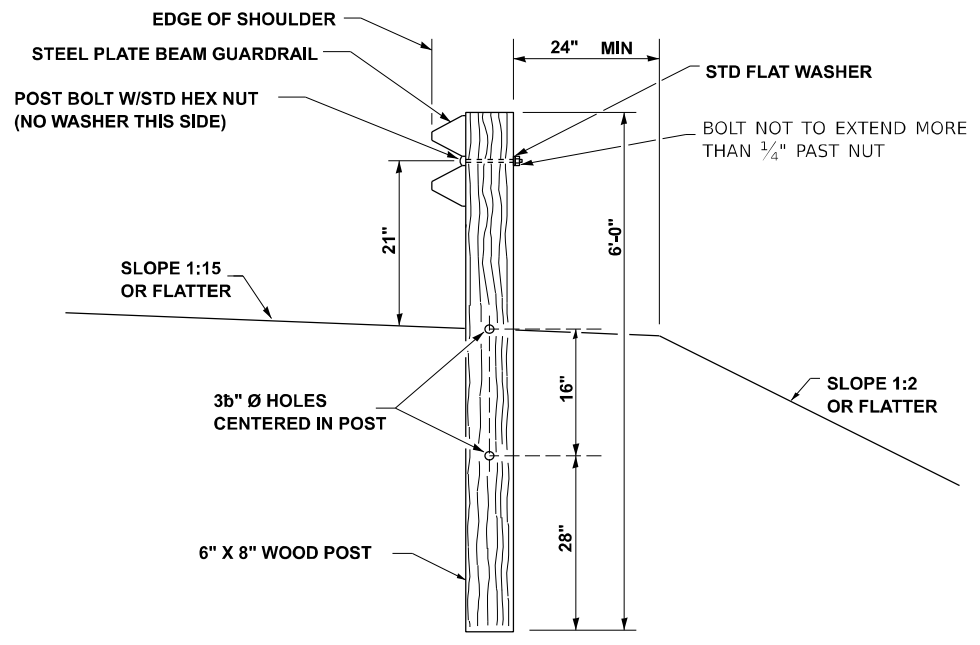
F.A.P. RTE. 714	SECTION **	COUNTY CHRISTIAN	TOTAL SHEETS 64	SHEET NO. 59
			CONTRACT NO. 72799	
		ILLINOIS FED. AID PROJECT		

LONG SECTION NUMBER: (135RS-7, 136RS-4, 137RS-5)SW



NOTES:

1. CONSTRUCT ACCORDING TO STANDARD 631011 FOR TRAFFIC BARRIER TERMINAL TYPE 2, EXCEPT DELETE END SECTION AND SPLICE INTO RADIUS GUARDRAIL.
2. STEEL PLATE BEAM GUARDRAIL TYPE A, TYPE B, OR TRAFFIC BARRIER TERMINAL AS SPECIFIED.
3. FOR THE 8'-6" RADIUS, THE RAIL IS NOT BOLTED TO THE POST LOCATED AT THE MIDPOINT OF THE CURVE.



SECTION A-A

PLAN

INSTALLATION CHARACTERISTICS PER DESIGN RADIUS (R)			
R	NO. OF WOOD POSTS	X	Y
8'-6"	5 (NOTE 3)	25'	15'
17'-0"	6	30'	15'
25'-6"	8	40'	20'
35'-0"	11	50'	20'

STEEL PLATE BEAM GUARDRAIL, SHORT RADIUS

GENERAL NOTES

ALL SLOPE RATIOS ARE EXPRESSED AS UNITS OF VERTICAL DISPLACEMENT TO UNITS OF HORIZONTAL DISPLACEMENT (V:H).

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.

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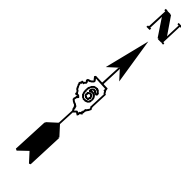
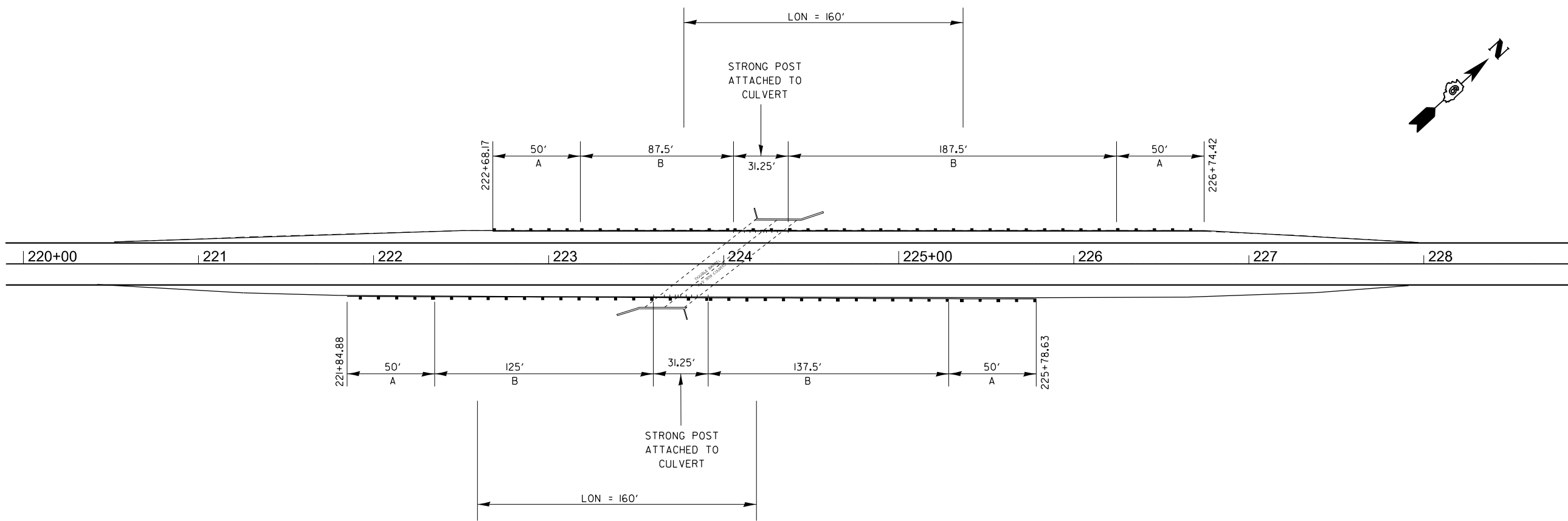
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GUARDRAIL DETAILS

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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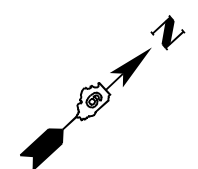
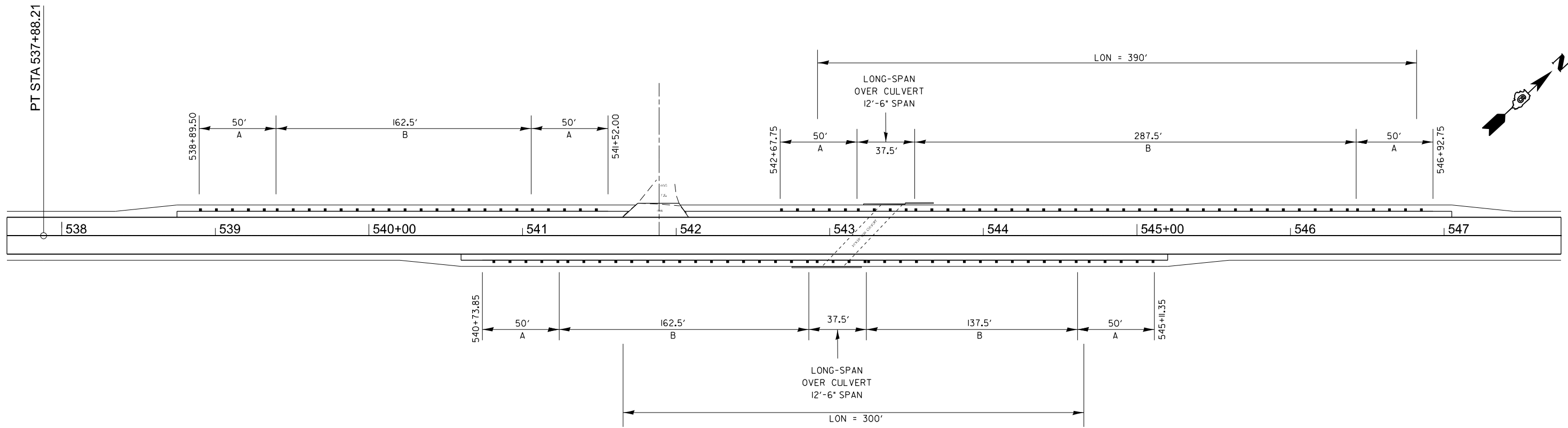
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	**	CHRISTIAN	64	60
CONTRACT NO. 72799				
ILLINOIS FED. AID PROJECT				

LONG SECTION NUMBER: (135RS-7, 136RS-4, 137RS-5)SW



LEGEND

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



MODEL: Detail Sheets (Sheet)
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PT STA 537+88.21

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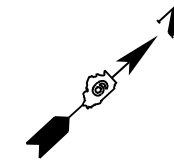
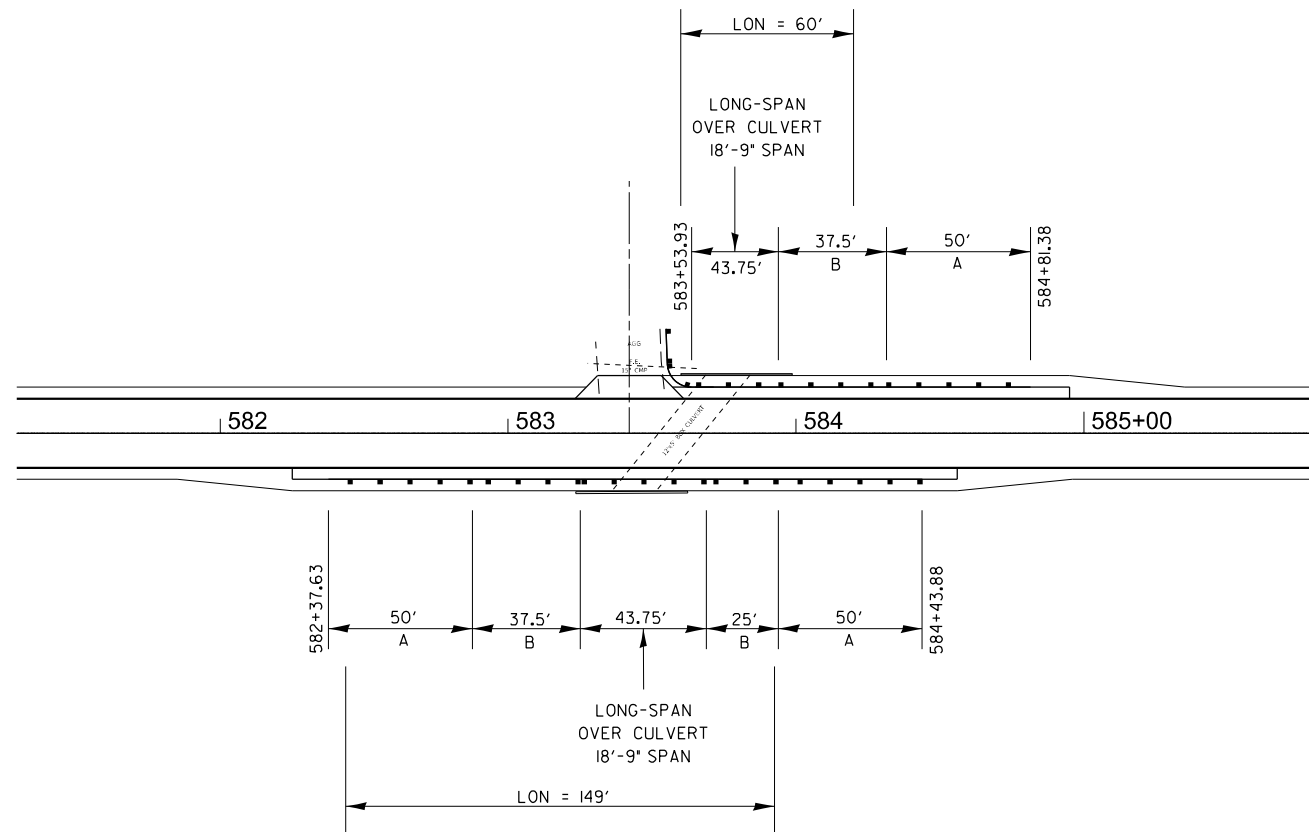
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GUARDRAIL DETAILS

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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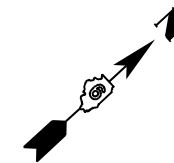
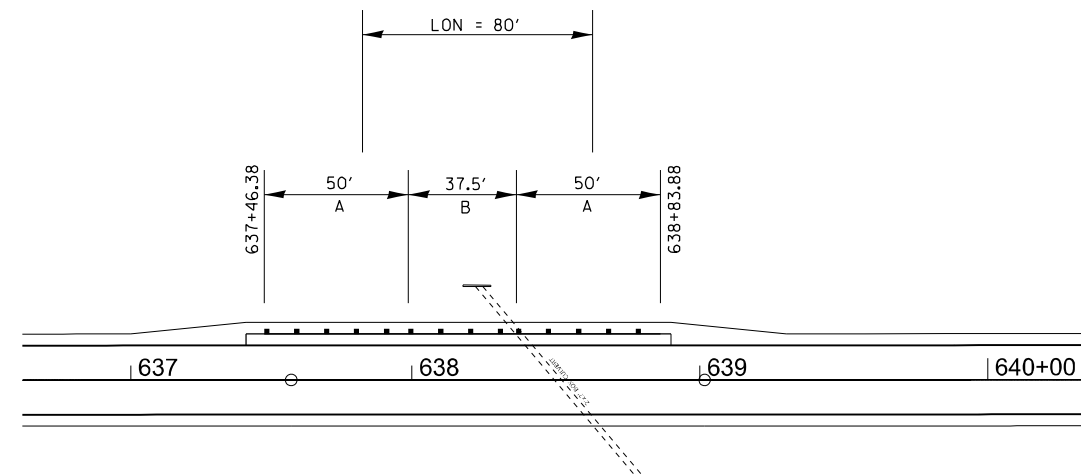
F.A.P. RTE. 714	SECTION **	COUNTY CHRISTIAN	TOTAL SHEETS 64	SHEET NO. 61
CONTRACT NO. 72799				
ILLINOIS FED. AID PROJECT				

LONG SECTION NUMBER: (135RS-7, 136RS-4, 137RS-5)SW



LEGEND

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



MODEL: Detail Sheets (Sheet)
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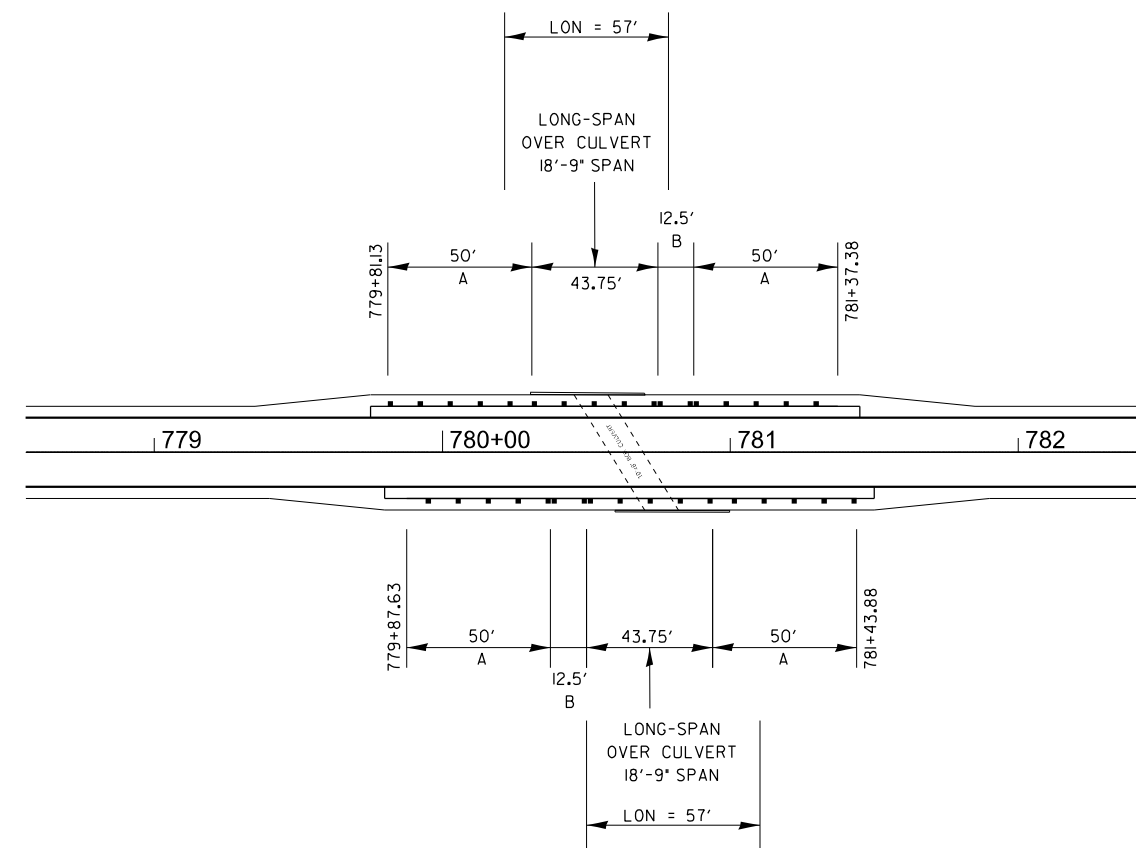
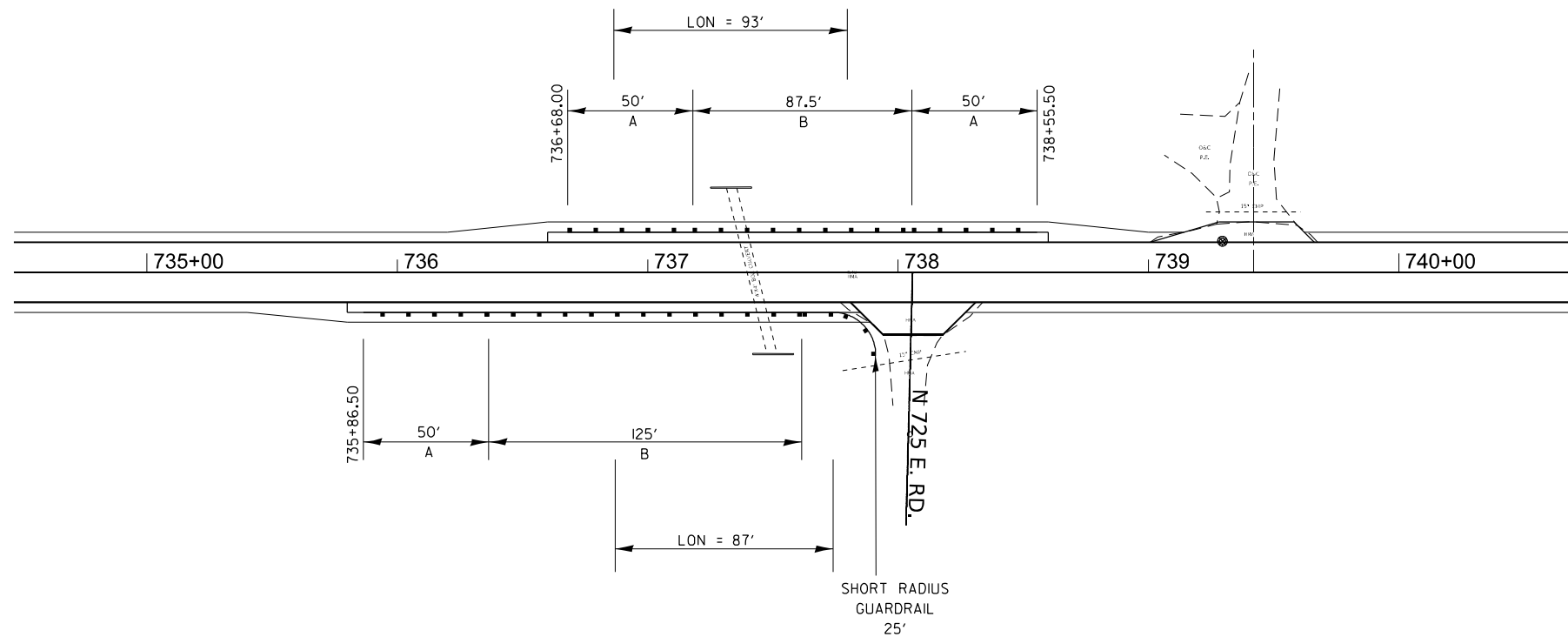
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GUARDRAIL DETAILS

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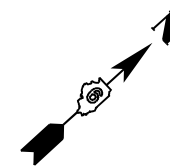
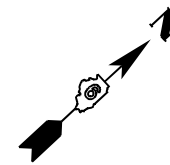
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CONTRACT NO. 72799			ILLINOIS FED. AID PROJECT	

LONG SECTION NUMBER: (135RS-7, 136RS-4, 137RS-5)SW



LEGEND

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



MODEL: Detail Sheets (Sheet)
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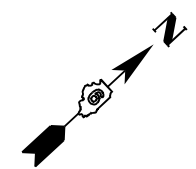
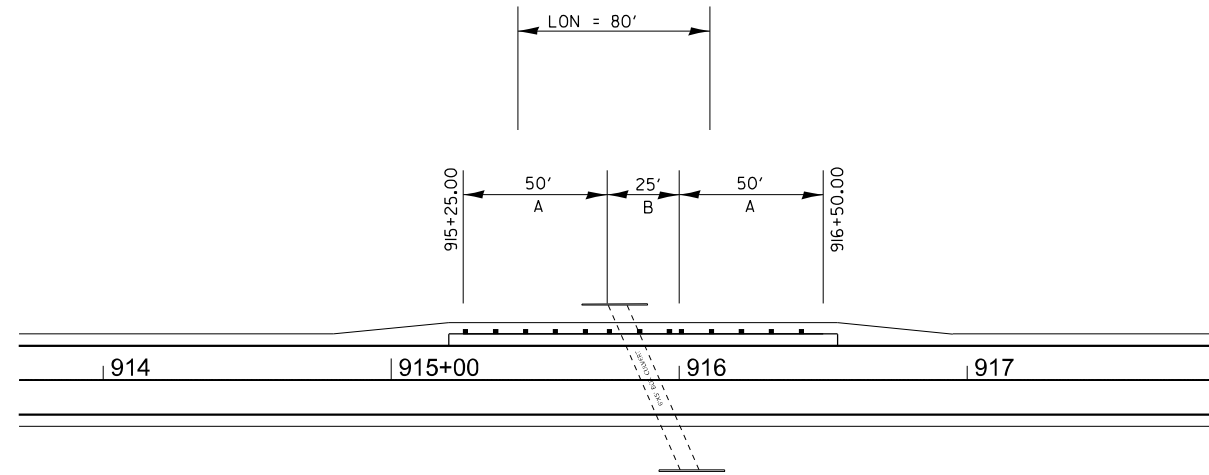
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GUARDRAIL DETAILS

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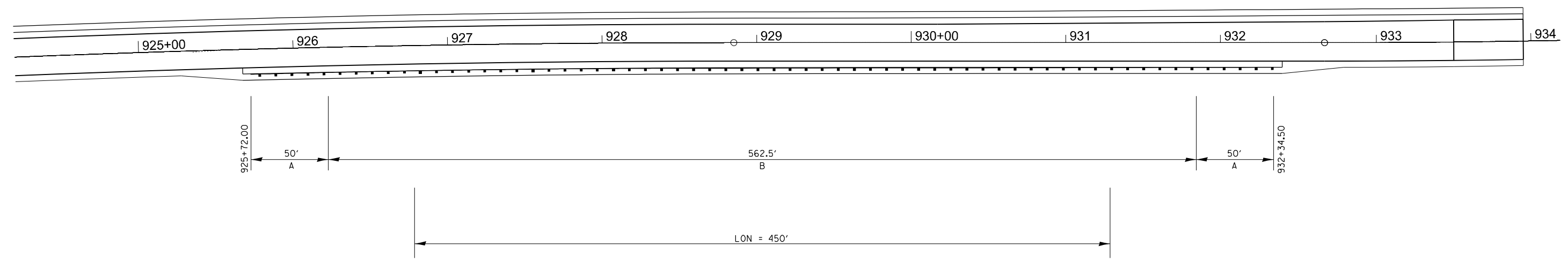
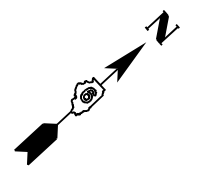
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			CONTRACT NO. 72799	
		ILLINOIS FED. AID PROJECT		

LONG SECTION NUMBER: (135RS-7, 136RS-4, 137RS-5)SW



LEGEND

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



MODEL: Detail Sheets (Sheet)
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**STATE OF ILLINOIS
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GUARDRAIL DETAILS

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	**	CHRISTIAN	64	64
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72799	

LONG SECTION NUMBER: (135RS-7, 136RS-4, 137RS-5)SW