

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	43RS-10,SR	CHRISTIAN	23	1
		ILLINOIS	CONTRACT NO. 72415	

D-96-067-24



FUNCTIONAL CLASSIFICATION: OTHER
PRINCIPAL ARTERIAL
ADT=3,600 (2023)
MU=400, SU=90, PV=3,110

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED October 20, 2025
Teresa C. Price
REGIONAL ENGINEER

December 5, 2025
Scott A. Etkin
ENGINEER OF DESIGN AND ENVIRONMENT

December 5, 2025
John J. Harty
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

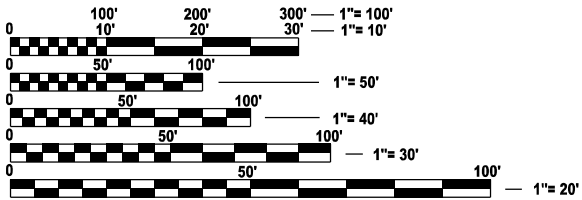
PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

- 1 COVER SHEET
- 2 GENERAL NOTES SHEET
- 3 - 5 SUMMARY OF QUANTITIES
- 6 TYPICAL SECTIONS
- 7 - 8 ALIGNMENT, TIES, AND BENCHMARKS
- 9 - 11 SCHEDULES OF QUANTITIES
- 12 - 17 PLAN SHEETS
- 18 HMA RAMP DETAILS
- 19 - 23 DISTRICT 6 HIGHWAY STANDARDS

STANDARDS

- 642006-01 701311-03
- 701001-02 701326-04
- 701006-05 701901-11
- 701011-04 780001-05
- 701201-05 781001-04
- 701301-04
- 701306-04



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.

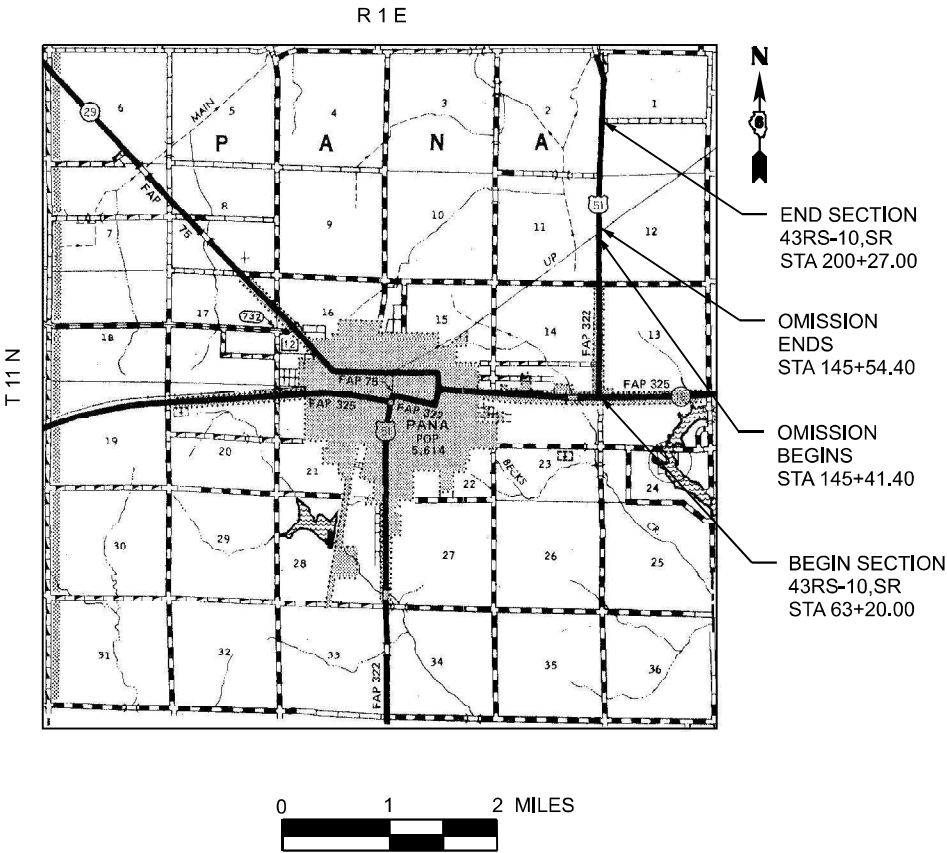
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER: JON KELLEY (217) 785-2739
PROJECT MANAGER: BRIAN MINDER (217) 557-7897

CONTRACT NO. 72415

PROPOSED
HIGHWAY PLANS

FAP ROUTE 322 (US 51)
SECTION 43RS-10, SR
PROJECT: NHPP-HSIP-DQFY(100)
RESURFACING
CHRISTIAN COUNTY
C-96-090-24



GROSS LENGTH = 13,707.00 FT. = 2.596 MILES
NET LENGTH = 13,694.00 FT. = 2.594 MILES

GENERAL NOTES

1. THE CONTRACTOR SHALL NOTIFY THE DISTRICT 6 BUREAU OF OPERATIONS AT (217) 785-5306 THREE WEEKS PRIOR TO IMPLEMENTING TRAFFIC CONTROL.
2. NO PASSING ZONES SHALL BE FIELD VERIFIED AND DOCUMENTED BY THE RESIDENT ENGINEER. THE RESIDENT ENGINEER SHALL NOTIFY THE BUREAU OF OPERATIONS AT (217) 785-5306 IF THEY HAVE ANY CONCERNS WITH NO PASSING ZONES AND AT LEAST 14 DAYS PRIOR TO THE PLACEMENT OF FINAL PAVEMENT MARKINGS.
3. CONSTRUCTION OPERATIONS FOR HMA SHOULDERS 6.5" SHALL NOT BEGIN UNTIL HMA BINDER COURSE HAS BEEN PLACED.
4. SAW CUTS REQUIRED FOR REMOVAL ITEMS WILL NOT BE PAID FOR SEPARATELY, BUT THE COST OF SAW CUTS WILL BE INCLUDED IN THE RESPECTIVE REMOVAL PAY ITEMS.

RATES OF APPLICATION

BITUMINOUS MATERIALS (TACK COAT)	0.05 POUNDS / SQUARE FOOT (EXISTING HMA SURFACES) 0.025 POUNDS / SQUARE FOOT (BETWEEN NEW HMA LAYERS)
HMA MIXTURES	112 POUNDS / SQUARE YARD - INCH THICKNESS
AGGREGATE WEDGE SHOULDERS	1.6 TONS / CUBIC YARD

MIXTURE TABLES

MIXTURE USE:	HMA SURFACE COURSE
PG:	SBS PG 64-28
DESIGN AIR VOIDS:	4.0% @ N50
MIXTURE COMPOSITION:	IL - 9.5
FRICTION AGGREGATE:	MIX "C"
MIXTURE WEIGHT:	112 LBS/SQ YD - in
QUALITY MANAGEMENT	QCP
SUBLOT SIZE:	600 TONS
MATERIAL TRANSFER DEVICE REQUIRED:	YES

MIXTURE USE:	HMA BINDER COURSE
PG:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50
MIXTURE COMPOSITION:	IL - 9.5FG
FRICTION AGGREGATE:	N/A
MIXTURE WEIGHT:	112 LBS/SQ YD - in
QUALITY MANAGEMENT	QCP
SUBLOT SIZE:	600 TONS
MATERIAL TRANSFER DEVICE REQUIRED:	NO

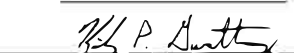
MIXTURE USE:	HMA SHOULDERS 6 1/2"
PG:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50
MIXTURE COMPOSITION:	IL - 19.0
FRICTION AGGREGATE:	N/A
MIXTURE WEIGHT:	112 LBS/SQ YD - in
QUALITY MANAGEMENT	QC/QA
SUBLOT SIZE:	N/A
MATERIAL TRANSFER DEVICE REQUIRED:	NO

MIXTURE USE:	HMA SHOULDERS (TOP LIFT) & INCIDENTAL HMA
PG:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50
MIXTURE COMPOSITION:	IL - 9.5
FRICTION AGGREGATE:	MIX "C"
MIXTURE WEIGHT:	112 LBS/SQ YD - in
QUALITY MANAGEMENT	QC/QA
SUBLOT SIZE:	N/A
MATERIAL TRANSFER DEVICE REQUIRED:	NO

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
DISTRICT 6

EXAMINED October 17, 2025

ENGINEER OF OPERATIONS

EXAMINED October 1, 2025

ENGINEER OF PROJECT IMPLEMENTATION

EXAMINED October 3, 2025

ENGINEER OF PROGRAM DEVELOPMENT

MODEL: Default
FILE NAME: c:\pw_workspace\minder\bid1108322172415_gen_notes.dgn

MODEL: Default
FILE NAME: c:\pwwork\pwwork\minder\1108322172415 Summary of Quantities.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	6-01211-0000	6-01211-0100
				NHPP FUNDING 80% FEDERAL 20% STATE	HSIP FUNDING 90% FEDERAL 10% STATE
				ROADWAY 0005	ROADWAY 0021
				RURAL	RURAL
20200100	EARTH EXCAVATION	CU YD	49	49	
35800100	PREPARATION OF BASE	SQ YD	176	176	
35800200	AGGREGATE BASE REPAIR	TON	59	59	
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	16	16	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	25,438	22,708	2,730
40600370	LONGITUDINAL JOINT SEALANT	FOOT	13,694	13,694	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	638	638	
40600990	TEMPORARY RAMP	SQ YD	83	83	
40602965	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N50	TON	2,355	2,355	
40604150	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	2,826	2,826	
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	345	345	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	188	188	
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	33,641	33,641	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	228	228	

* - INDICATES PAY ITEM REQUIRES A SPECIAL PROVISION

REV - MS

	USER NAME = brian.minder	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUNATITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					322	43RS-10,SR	CHRISTIAN	23	3
		CHECKED -	REVISED -					CONTRACT NO. 72415				
	PLOT DATE = 10/16/2025	DATE -	REVISED -		SCALE: N/A	SHEET 1	OF 3	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

MODEL: Default
FILE NAME: c:\pwwork\pwidminder\bid1108322172415 Summary of Quantities.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	6-01211-0000	6-01211-0100
				NHPP FUNDING 80% FEDERAL 20% STATE	HSIP FUNDING 90% FEDERAL 10% STATE
				ROADWAY 0005	ROADWAY 0021
				RURAL	RURAL
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	800	800	
48203023	HOT-MIX ASPHALT SHOULDERS, 6 1/2"	SQ YD	11,904		11,904
48203100	HOT-MIX ASPHALT SHOULDERS	TON	1,019		1,019
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	26,729		26,729
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6	
67100100	MOBILIZATION	L SUM	1	0.6	0.4
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1	
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.8	0.2
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1		1
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	15	15	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	4,112	4,112	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1,371	1,371	
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	122	122	
* 78009005	MODIFIED URETHANE PAVEMENT MARKING - LINE 5"	FOOT	40,877	40,877	

* - INDICATES PAY ITEM REQUIRES A SPECIAL PROVISION

* SPECIALTY ITEM

REV - MS

	USER NAME = brian.minder	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUNATITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					322	43RS-10,SR	CHRISTIAN	23	4
		CHECKED -	REVISED -					CONTRACT NO. 72415				
	PLOT DATE = 10/17/2025	DATE -	REVISED -		SCALE: N/A	SHEET 2	OF 3 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

MODEL: Default
FILE NAME: c:\pwwork\pwwork\minder\bid1108322172415 Summary of Quantities.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	6-01211-0000	6-01211-0100
				NHPP FUNDING 80% FEDERAL 20% STATE	HSIP FUNDING 90% FEDERAL 10% STATE
				ROADWAY 0005	ROADWAY 0021
				RURAL	RURAL
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	94	94	
* 78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	122	122	
* 78011030	GROOVING FOR RECESSED PAVEMENT MARKING 6"	FOOT	40,877	40,877	
* 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	94	94	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	509	509	
	78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	509	509	
* X2020060	EXCAVATING AND GRADING EXISTING SHOULDER, (SPECIAL)	UNIT	267		267
* X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	5	5	
* X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	3	3	
* Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1	
Ø Z0076600	TRAINEES	HOURL	1000	1000	
Ø Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOURL	1000	1000	

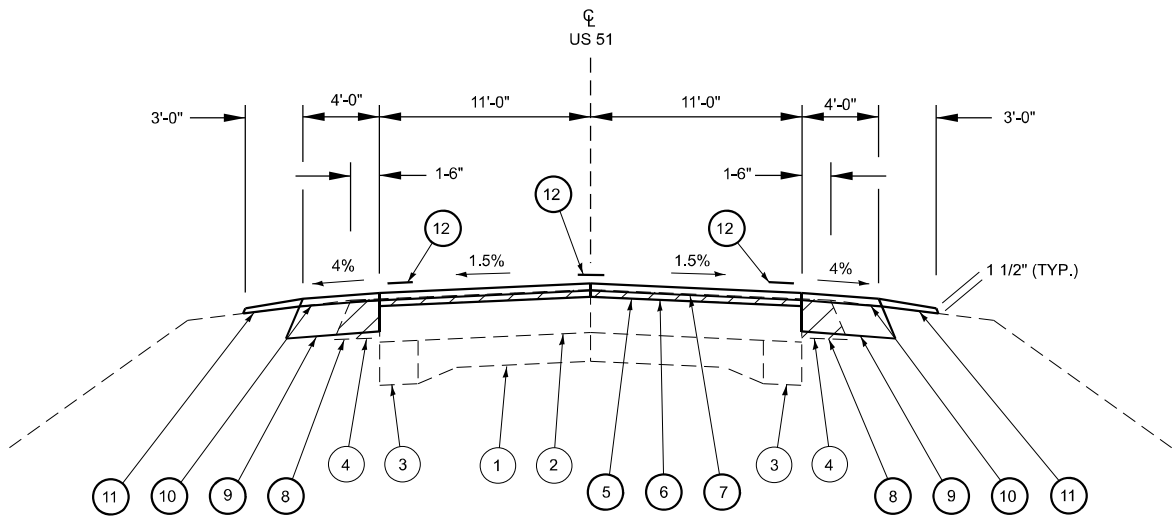
* - INDICATES PAY ITEM REQUIRES A SPECIAL PROVISION

* SPECIALTY ITEM

Ø 0042

REV - MS

	USER NAME = brian.minder	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUNATITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					322	43RS-10,SR	CHRISTIAN	23	5
		CHECKED -	REVISED -					CONTRACT NO. 72415				
	PLOT DATE = 10/17/2025	DATE -	REVISED -		SCALE: N/A	SHEET 3	OF 3 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



STA. 63+20.00 TO STA. 200+27.00
STA. 70+66.63 TO STA. 80+01.58 CURVE RT, NC
STA. 80+01.58 TO STA. 90+01.12 CURVE LT, NC
STA. 120+11.48 TO STA. 129+92.15 CURVE RT, NC
OMISSION STA. 145+41.40 TO STA. 145+54.40

LEGEND

- ① EXIST 9-6-9 PCC PAVEMENT
- ② EXIST HMA OVERLAY, 9"
- ③ EXIST HMA BASE COURSE WIDENING, 9"
- ④ EXIST HMA SHOULDER, 8"
- ⑤ PROP HMA SURFACE REMOVAL, 1 1/2"
- ⑥ PROP HMA BINDER COURSE, IL-9.5FG, N50, 1 1/4"
- ⑦ PROP POLYMERIZED HMA SURFACE COURSE, IL-9.5, MIX "C", N50, 1 1/2"
- ⑧ PROP EXCAVATING AND GRADING EXISTING SHOULDER, (SPECIAL)
- ⑨ PROP HMA SHOULDERS 6 1/2"
- ⑩ PROP HMA SHOULDERS (TON)
- ⑪ PROP AGGR WEDGE SHOULDERS, TYPE B
- ⑫ PROP MODIFIED URETHANE PAVEMENT MARKING - LINE 5"

MODEL: Default
FILE NAME: c:\pwwork\pwwork\minder\1108322\72415_typicals.dgn

	USER NAME = brian.minder	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					322	43RS-10,SR	CHRISTIAN	23	6
		CHECKED -	REVISED -					CONTRACT NO. 72415				
	PLOT DATE = 10/16/2025	DATE -	REVISED -		SCALE: 1"=5'	SHEET 1	OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

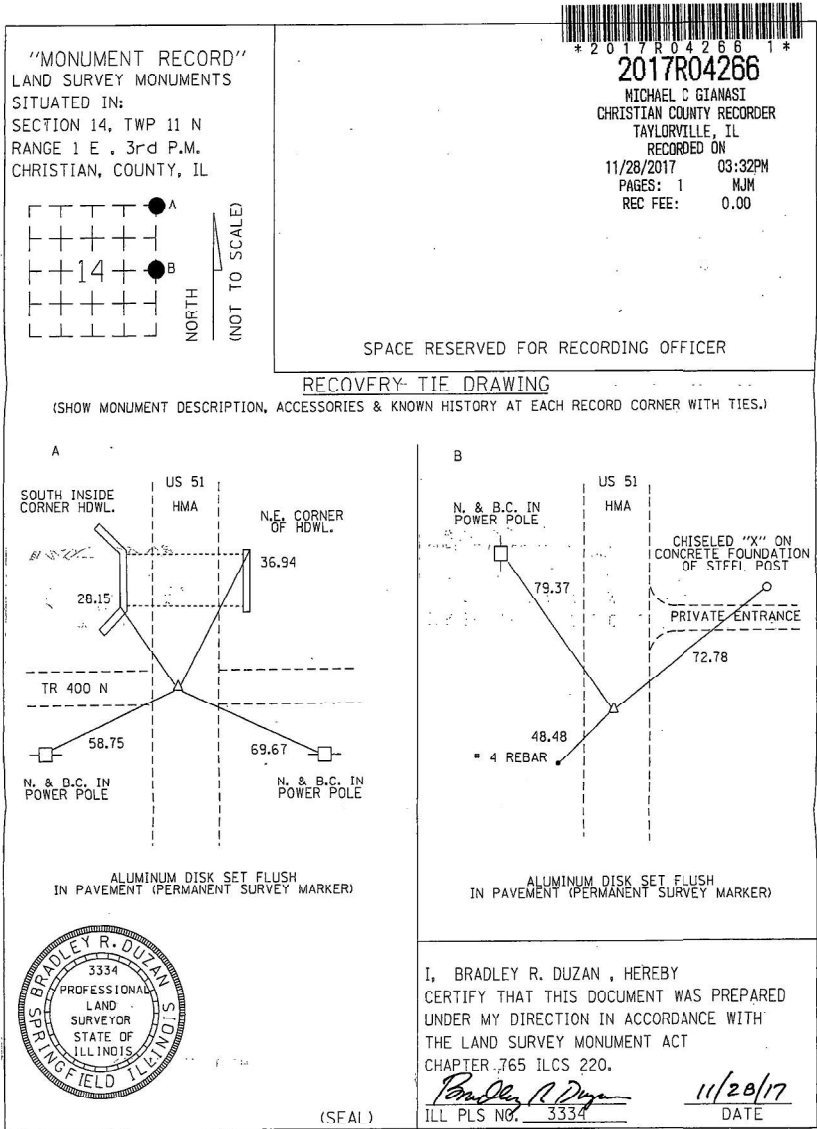
MODEL: Default
FILE NAME: c:\pwwork\minder\1108322\72415 ATB.dgn

HORIZONTAL ALIGNMENT CONTROL								
NAD83/2007 ADJ - STATE PLANE WEST ZONE								
POINT TYPE	STATION	NORTHING	EASTING	RADIUS	LENGTH	TANGENT	DELTA/THETA	ROTATION
ALIGNMENT NAME:		E004_51N						
DESCRIPTION:		US51 MAINLINE						
POT	62+82.49	993168.769	2613774.960					
PC	70+66.63	993952.632	2613754.050					
PI	75+34.43	994420.265	2613741.576	10250.90	934.95	467.80	05°13'32.73"	RIGHT
PRC	80+01.58	994887.091	2613771.745					
PI	85+01.58	995386.050	2613803.992	13350.08	999.53	500.00	04°17'23.24"	LEFT
PT	90+01.12	995886.023	2613798.825					
PC	120+11.48	998896.226	2613767.719					
PI	125+01.82	999386.539	2613762.653	77431.28	960.67	490.34	00°43'32.34"	RIGHT
PT	129+92.15	999876.878	2613763.796					
ALIGNMENT NAME:		E001						
DESCRIPTION:		US51 MAINLINE						
POT	129+92.15	999876.878	2613763.796					
POT	145+47.00	1001431.724	2613767.422					
PC	172+26.31	1004111.031	2613773.669					
PI	175+00.00	1004384.716	2613774.307	17445.84	547.33	273.69	01°47'51.12"	RIGHT
PT	177+73.64	1004658.246	2613783.530					
POT	216+67.42	1008549.817	2613914.744					
ALIGNMENT NAME:		IL16EX						
DESCRIPTION:		IL16 MAINLINE						
PT	51+50.00	993163.743	2612387.982					
PI	65+55.79	993168.837	2613793.764					
POT	79+04.66	993173.476	2615142.620					
ALIGNMENT NAME:		N2600E						
DESCRIPTION:		SIDE ROAD						
POT	4+00.00	992570.146	2613833.370					
POT	10+00.00	993168.837	2613793.764					
ALIGNMENT NAME:		E330N						
DESCRIPTION:		SIDE ROAD						
PI	115+02.41	994920.613	2612328.572					
PI	127+22.14	994904.263	2613548.193					
POT	129+46.61	994900.992	2613772.637					
ALIGNMENT NAME:		E400N_W						
DESCRIPTION:		SIDE ROAD						
POT	100+00.00	998899.786	2612935.531					
PI	104+69.16	998892.118	2613404.633					
POT	108+32.59	998880.758	2613767.879					
ALIGNMENT NAME:		E400N_E						
DESCRIPTION:		SIDE ROAD						
POT	108+32.59	998881.954	2613767.867					
POT	113+58.85	998892.123	2614294.031					
ALIGNMENT NAME:		E500N						
DESCRIPTION:		SIDE ROAD						
POT	14+29.35	1004202.964	2613160.266					
POT	20+43.21	1004192.988	2613774.053					
ALIGNMENT NAME:		E540N						
DESCRIPTION:		SIDE ROAD						
POT	20+00.00	1006859.161	2613820.718					
POT	20+37.03	1006859.485	2613857.750					
POT	28+51.88	1006866.616	2614672.565					

HORIZONTAL CONTROL STATION						
NAD83-2007 ADJ						
POINT	DESCRIPTION	NORTHING	EASTING	STATION	OFFSET	CHAIN
159	#4 REBAR W/CAP	993871.026	2613737.253	69+85.50	18.97 LT	E004_51N
4101	#5 REBAR W/CAP	995220.511	2613828.480	83+37.01	39.34 RT	E004_51N
4125	#5 REBAR W/CAP	1000291.147	2613722.291	134+06.32	42.47 LT	E001
4131	#5 REBAR W/CAP	1002391.429	2613833.899	155+06.86	64.24 RT	E001
102	#4 REBAR W/CAP	1004159.770	2613823.585	172+75.31	49.73 RT	E001

BENCHMARKS					
BENCHMARK	NAVD 88 DATUM	DESCRIPTION	STATION	OFFSET	CHAIN
BM 544	665.075	CHSLD X ON N BOLT OF FIRE HYDRANT IN NE QUAD OF IL16 & US51 TO E OF PANA	63+90.71	50.29 RT	E004_51N
BM 567	668.266	CHSLD [] ON CENTER OF CONC BOX CULVERT IN SW QUAD OF US51 & 330 N, +/- 0.32 MI N OF IL16/US51 JCT	79+94.93	27.25 RT	E004_51N
BM US51-1	679.599	RR SPIKE IN PP, FLUSH W GROUND ON W SIDE OF US51, +/- 0.33 MI N OF CR 330 N	97+32.51	59.99 LT	E004_51N
BM 565	655.805	CHSLD [] NEAR S CORNER OF CONC BOX CULVERT ON W SIDE OF US51, +/- 0.58 MI N OF CR 330 N	110+51.95	27.63 LT	E004_51N
BM 564	679.436	CHSLD [] ON CENTER OF CONC HDWL ON W SIDE OF US51 IN NW QUAD OF US51 & 400 N	120+20.19	21.81 LT	E004_51N
BM US51-2	659.318	CHSLD [] ON TOP CENTER OF CONC BOX CULVERT OF FE, E SIDE OF US51, 8" N OF S FACE OF GROUT CAPPED HDWL	139+73.27	30.56 RT	E001
BM 561	651.791	CHSLD [] ON CENTER OF 18" RCCP, E SIDE OF US51, +/- 0.11 MI N OF RR TRACKS	151+05.79	29.01 RT	E001
BM 560	652.007	CHSLD [] ON NORHT/CENTER OF W CONC HDWL, +/- 0.28 MI N OF RR TRACKS	160+19.84	27.78 LT	E001
BM 559	654.392	CHSLD [] ON S END OF 18" RCCP UNDER AGG CR 500 N, E SIDE OF US51	173+09.01	35.95 RT	E001
BM 558	653.368	CHSLD [] ON S END OF CONC HDWL, E SIDE OF US51, +/- 125 N OF CR 500 N	174+42.21	27.43 RT	E001

PLT180K, INC. 2017 11/20/2017



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

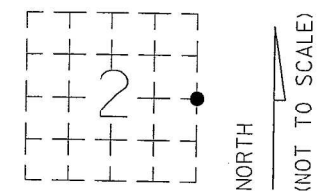
ALIGNMENT, TIES & BENCHMARKS

SCALE: N/A SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	43RS-10,SR	CHRISTIAN	23	7
CONTRACT NO. 72415				
ILLINOIS FED. AID PROJECT				

USER NAME = brian.minder	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 9/15/2025	DATE -	REVISED -

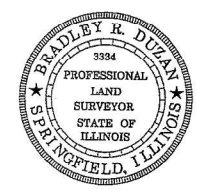
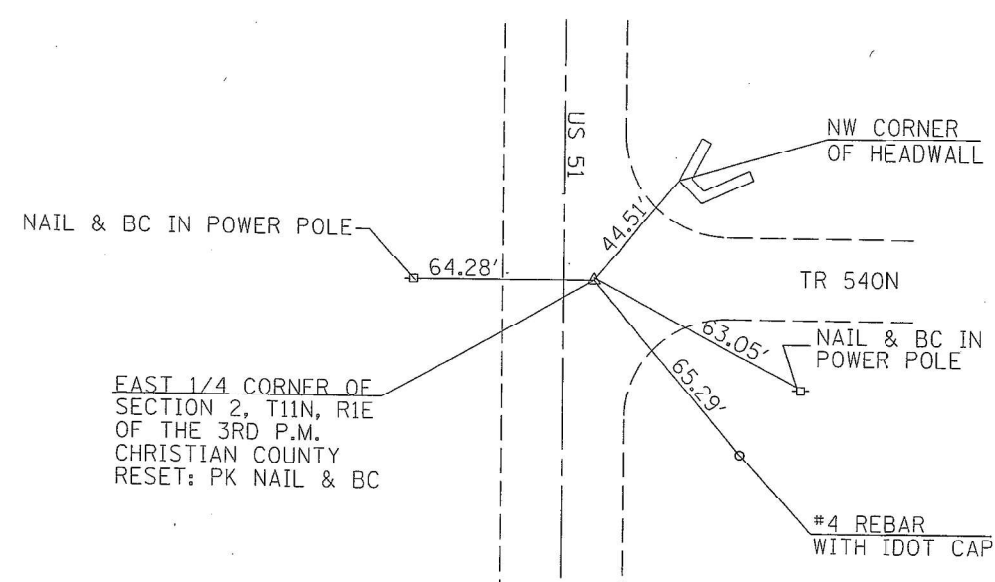
"MONUMENT RECORD"
LAND SURVEY MONUMENTS
SITUATED IN:
SECTION 2, TWP 11N
RANGE 1E, 3RD P.M.
CHRISTIAN, COUNTY, IL



2004R07709
RECORDED ON
12-09-2004 03:13 PM
CHRISTIAN COUNTY
RECORDER
LINDA K CURTIN
PAGES DK

SPACE RESERVED FOR RECORDING OFFICER

RECOVERY TIE DRAWING

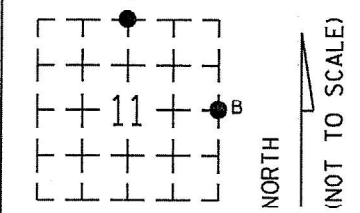


I, BRADLEY R. DUZAN, HEREBY
CERTIFY THAT THIS DOCUMENT WAS PREPARED
UNDER MY DIRECTION IN ACCORDANCE WITH
THE LAND SURVEY MONUMENT ACT
CHAPTER 765 ILCS 220.
Bradley R. Duzan 11-18-2004
ILL PLS NO. 3334 DATE

SHEET 1 OF 1

2497

"MONUMENT RECORD"
LAND SURVEY MONUMENTS
SITUATED IN:
SECTION 11, TWP 11 N
RANGE 1 E, 3rd P.M.
CHRISTIAN, COUNTY, IL

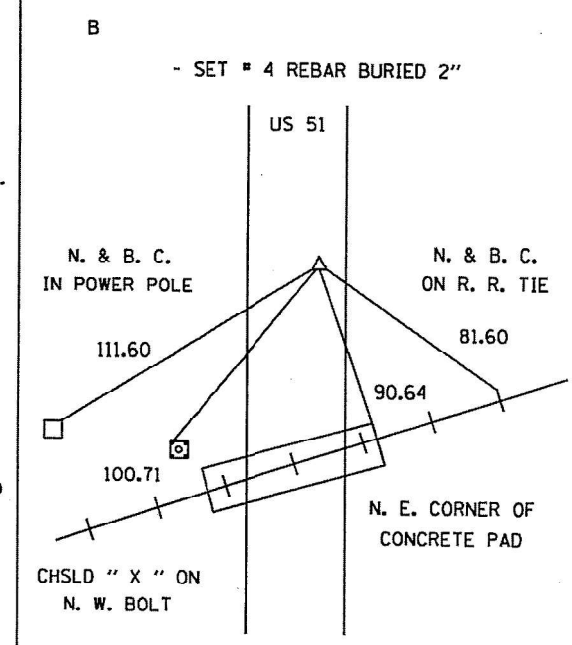
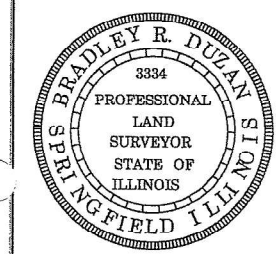
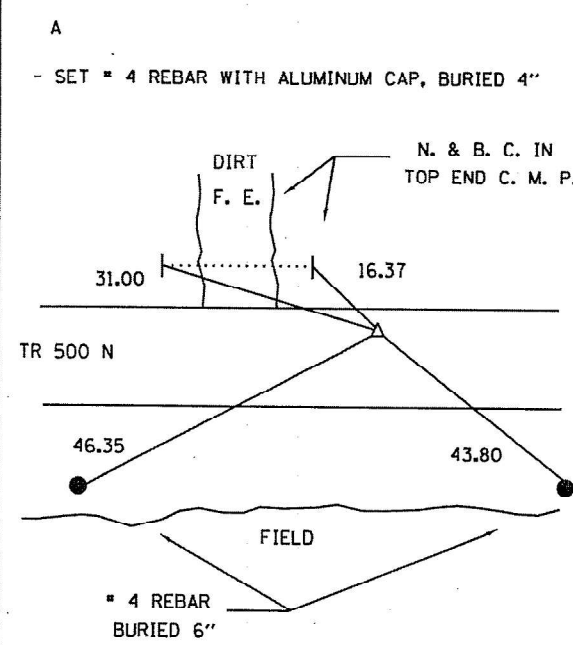


2004R06180
RECORDED ON
09-28-2004 08:33 AM
CHRISTIAN COUNTY
RECORDER
LINDA K CURTIN
PAGES DK

SPACE RESERVED FOR RECORDING OFFICER

RECOVERY TIE DRAWING

(SHOW MONUMENT DESCRIPTION, ACCESSORIES & KNOWN HISTORY AT EACH RECORD CORNER WITH TIES.)



I, BRADLEY R. DUZAN, HEREBY
CERTIFY THAT THIS DOCUMENT WAS PREPARED
UNDER MY DIRECTION IN ACCORDANCE WITH
THE LAND SURVEY MONUMENT ACT
CHAPTER 765 ILCS 220.
Bradley R. Duzan 9/20/04
ILL PLS NO. 3334 DATE

(SEAL)

CHRISTIAN CO. MR/SURVEYMR.dgn 9/7/2004 2:21:53 PM

2475

MODEL: Default
FILE NAME: c:\pwworkspace\minder\110832272415 ATB.dgn

USER NAME = brian.minder	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 10/16/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES & BENCHMARKS

SCALE: N/A SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	43RS-10,SR	CHRISTIAN	23	8
CONTRACT NO. 72415				
ILLINOIS FED. AID PROJECT				

MAINLINE PAVING SCHEDULE												
	Sta.		Sta.	Length (Ft)	Width (Ft)	Area (Sq Yd)	40600290 BIT MATLS (TACK COAT) (POUND)	40600370 LONG JT SEALANT (FOOT)	40600990 TEMP RAMP (SQ YD)	40602965 HMA BIND CSE, IL- 9.5FG,N50 (TON)	40604150 POLYHMA SURF CSE, IL- 9.5, MIX "C", N50 (TON)	44000155 HMA SURF REV, 1 1/2" (SQ YD)
US 51 NB												
	63+20.00	to	64+30.00	110	var	199	134	110	27	14	17	199
	64+30.00	to	145+41.00	8,111	11	9,913	6,692	8,111		694	833	9,913
	145+54.00	to	200+27.00	5,473	11	6,689	4,515	5,473	11	468	562	6,689
US 51 SB												
	63+20.00	to	63+80.00	60	var	176	119		34	12	15	176
	63+80.00	to	145+41.00	8,161	11	9,975	6,733			698	838	9,975
	145+54.00	to	200+27.00	5,473	11	6,689	4,515		11	468	562	6,689
						TOTALS=	22,708	13,694	83	2,355	2,826	33,641

HMA SHOULDER SCHEDULE												
	Sta.		Sta.	Length (Ft)	Width (Ft)	Area (Sq Yd)	X2020060 EXC & GRD EXIST SHLD (SPCL) (UNIT)	40600290 BIT MATLS (TACK COAT) (POUND)	48203023 HMA SHLDS, 6 1/2" (SQ YD)	48203100 HMA SHLDS, (TON)	48102100 AGG WEDGE SHLD, TYB (TON)	64200108 SHOULDER RUMBLE STRIPS, 8" (FOOT)
US 51 NB												
	63+20.00	to	64+50.00	130	8	116		26		10	4	
	64+50.00	to	119+70.00	5,520	4	2,453	55.2	552	2,453	206	164	5,520
	120+30.00	to	145+41.00	2,511	4	1,116	25.1	251	1,116	94	74	2,511
	145+70.00	to	199+28.00	5,358	4	2,381	53.6	536	2,381	200	159	5,358
	200+00.00	to	200+27.00	27	12	36	0.3	8	36	3	1	27
US 51 SB												
	63+20.00	to	64+50.00	130	8	116		26		10	4	
	64+50.00	to	79+80.00	1,530	4	680	15.3	153	680	57	45	1,530
	80+70.00	to	119+60.00	3,890	4	1,729	38.9	389	1,729	145	115	3,890
	120+35.00	to	145+25.00	2,490	4	1,107	24.9	249	1,107	93	74	2,490
	145+54.00	to	172+70.00	2,716	4	1,207	27.2	272	1,207	101	80	2,716
	173+40.00	to	200+27.00	2,687	4	1,194	26.9	269	1,194	100	80	2,687
						TOTALS=	267	2,730	11,904	1,019	800	26,729

MODEL: Default
FILE NAME: c:\pwworkspace\minder\1108322\72415 Schedules.dgn

	USER NAME = brian.minder	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULES OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					322	43-10,SR	CHRISTIAN	23	9
		CHECKED -	REVISED -		CONTRACT NO. 72415							
	PLOT DATE = 10/16/2025	DATE -	REVISED -		SCALE: N/A	SHEET 1	OF 3 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

MODEL: Default
FILE NAME: c:\pwwork\pwwork\minder\1108322\72415 Schedules.dgn

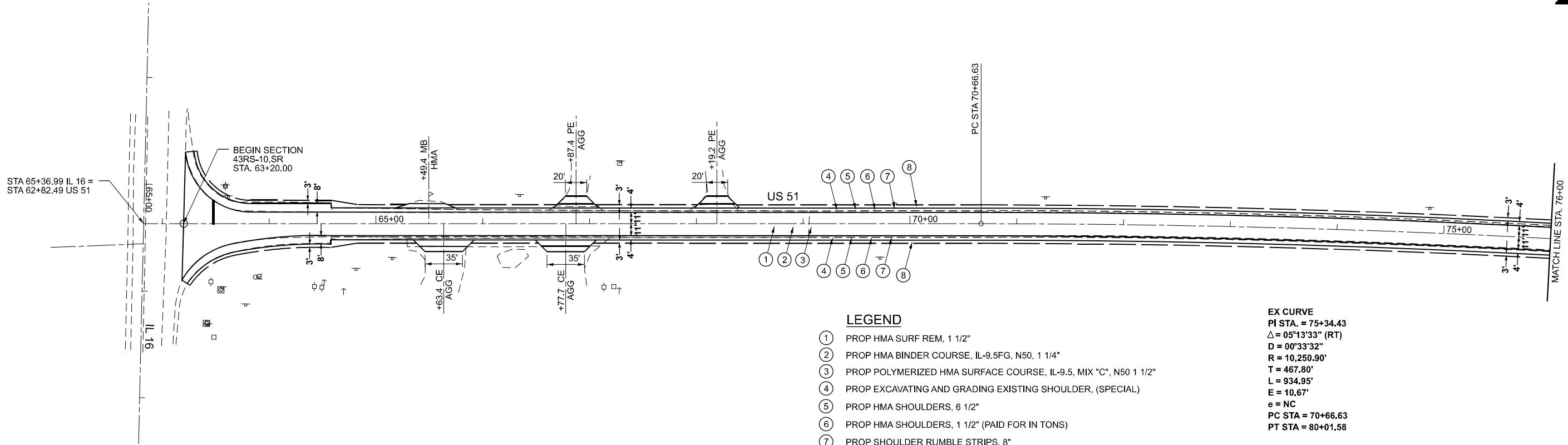
PAVEMENT MARKING SCHEDULE																
				70300100 SH'T TERM PVT MKG (FOOT)	70300150 SH'T TERM PVT MKG REM (SQ FT)	78009000 MOD URETHANE PVT MKG- LT & SYMB (SQ FT)	78009005 MOD URETHANE PVT MKG- LINE5" (WHITE) (FOOT)	78009005 MOD URETHANE PVT MKG- LINE5" (YELLOW) (FOOT) NO PASS SB	78009005 MOD URETHANE PVT MKG- LINE5" (YELLOW) (FOOT) SKIP-DASH	78009005 MOD URETHANE PVT MKG- LINE5" (YELLOW) (FOOT) NO PASS NB	78009024 MOD URETHANE PVT MKG- LINE24" (FOOT)	78011000 GRV FOR REC SSD PVT MKG, LET & SYMB (SQ FT)	78011030 GRV FOR REC SSD PVT MKG, 6" (FOOT)	78011125 GRV FOR REC SSD PVT MKG, 25" (FOOT)	78100100 RAISED REFL PVT MKR (EACH)	78300200 RAISED REFL PVT MKR REM (EACH)
	Sta.		Sta.	Length (Ft)												
US 51 NB EOP	63+20.00	to	64+50.00	130			130				28		130	28	2	2
	64+50.00	to	119+70.00	5,520			5,520						5,520		69	69
	120+30.00	to	145+41.00	2,511			2,511						2,511		31	31
	145+70.00	to	199+28.00	5,358			5,358						5,358		67	67
	200+00.00	to	200+27.00	27			27						27		1	1
US 51 NB CL	63+20.00	to	71+32.00	812	244	81			203	812			1,015		10	10
	71+32.00	to	79+07.00	775	233	78		775	194				969		10	10
	79+07.00	to	81+65.00	258	77	26			65	258			323		3	3
	81+65.00	to	89+06.00	741	222	74		741	185				926		9	9
	89+06.00	to	96+63.00	757	227	76		757		757			1,514		9	9
	96+63.00	to	107+05.00	1,042	313	104			261	1,042			1,303		13	13
	107+05.00	to	113+11.00	606	182	61			152				152		8	8
	113+11.00	to	118+25.00	514	154	51			129	514			643		6	6
	118+25.00	to	128+86.00	1,061	318	106		1,061		1,061			2,122		13	13
	128+86.00	to	138+82.00	996	299	100		996	249				1,245		12	12
	138+82.00	to	145+45.00	663	199	66	61	663		663	33	61	1,326	33	8	8
	145+45.00	to	155+26.00	981	294	98	61	981	245		33	61	1,226	33	12	12
	155+26.00	to	200+27.00	4,501	1,350	450			1,125				1,125		56	56
US 51 SB EOP	63+20.00	to	64+50.00	130			130						130		2	2
	64+50.00	to	79+80.00	1,530			1,530						1,530		19	19
	80+70.00	to	119+60.00	3,890			3,890						3,890		49	49
	120+35.00	to	145+25.00	2,490			2,490						2,490		31	31
	145+54.00	to	172+70.00	2,716			2,716						2,716		34	34
	173+40.00	to	200+27.00	2,687			2,687						2,687		34	34
				TOTALS=	4,112	1,371	122	40,877			94	122	40,877	94	509	509

	USER NAME = brian.minder	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULES OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					322	43-10,SR	CHRISTIAN	23	10
		CHECKED -	REVISED -					CONTRACT NO. 72415				
	PLOT DATE = 10/17/2025	DATE -	REVISED -		SCALE: N/A	SHEET 2	OF 3 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

ENTRANCE, SIDEROAD, & MAILBOX TURNOUT SCHEDULE																	
Rte	Sta.	Side	Des Policy	Rural or Urban	Prop Entr, MB, or SR	Exist Entr, MB, or SR Matl	Width (ft)	20200100 EARTH EXC (CU YD)	35800100 PREP OF BASE (SQ YD)	35800200 AGG BASE REPAIR (TON)	40200800 AGG SURF CSE, TY B (TON)	X4021000 TEMP ACCESS (PE) (EACH)	X4022000 TEMP ACCESS (CE) (EACH)	40600982 HMA SURF REM - BT JT (SQ YD)	40800029 BIT MATL (TACK COAT) (POUND)	40800050 INCLD HMA SURF (TON)	44000200 DRWY PVT REM (SQ YD)
US 51	65+49.40	Lt	3P	Rural	MB	HMA		4							5	9	27
	65+63.40	Rt	3P	Rural	CE	AGG	35	5			2		1		8	15	71
	66+77.70	Rt	3P	Rural	CE	AGG	35	5			2		1		8	15	59
	66+87.40	Lt	3P	Rural	PE	AGG	20	3			2	1			4	8	7
	68+19.20	Lt	3P	Rural	PE	AGG	20	4			2	1			4	8	13
	80+15.50	Lt	3P	Rural	SIDEROAD	HMA			18	5				71	32	8	
	80+20.00	Rt	3P	Rural	PE	HMA	24		9	3				40	18	4	
	80+73.60	Lt	3P	Rural	MB	AGG		3							3	7	
	90+74.60	Lt	3P	Rural	MB	HMA		3							3	6	13
	90+81.40	Rt	3P	Rural	PE	AGG	19	3			2	1			3	7	13
	93+63.50	Rt	3P	Rural	PE	HMA	24		9	3				43	19	5	
	93+63.60	Lt	3P	Rural	MB	AGG		3							3	6	
	103+74.20	Lt	3P	Rural	MB	HMA		3							3	6	8
	103+74.30	Rt	3P	Rural	PE	AGG	24	4			3	1			4	8	13
	119+96.00	Lt	3P	Rural	SIDEROAD	HMA			32	11				127	57	15	
	119+97.20	Rt	3P	Rural	SIDEROAD	HMA			32	11				57	26	7	
	120+96.50	Lt	3P	Rural	PE	AGG	16	3			2	1			4	7	4
	143+06.30	Lt	3P	Rural	CE	AGG	22	6			1		1		6	11	
	173+08.30	Lt	3P	Rural	SIDEROAD	HMA			18	6				70	32	8	
	187+61.90	Rt	3P	Rural	CE	HMA	35		14	5				56	25	7	
	199+76.10	Rt	3P	Rural	SIDEROAD	HMA			44	15				174	78	21	
TOTALS=								49	176	59	16	5	3	638	345	188	228

MODEL: Default
FILE NAME: c:\pwwork\pwwork\minder\1108322\72415 Schedules.dgn

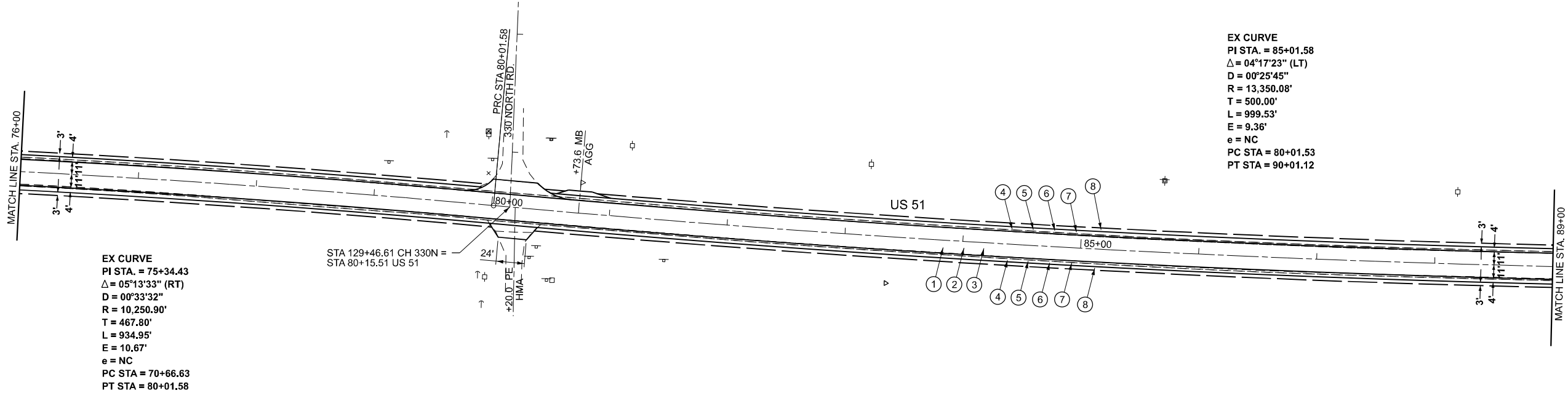
	USER NAME = brian.minder	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULES OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					322	43-10,SR	CHRISTIAN	23	11
		CHECKED -	REVISED -					CONTRACT NO. 72415				
	PLOT DATE = 10/16/2025	DATE -	REVISED -		SCALE: N/A	SHEET 3	OF 3 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



LEGEND

- ① PROP HMA SURF REM, 1 1/2"
- ② PROP HMA BINDER COURSE, IL-9.5FG, N50, 1 1/4"
- ③ PROP POLYMERIZED HMA SURFACE COURSE, IL-9.5, MIX "C", N50 1 1/2"
- ④ PROP EXCAVATING AND GRADING EXISTING SHOULDER, (SPECIAL)
- ⑤ PROP HMA SHOULDERS, 6 1/2"
- ⑥ PROP HMA SHOULDERS, 1 1/2" (PAID FOR IN TONS)
- ⑦ PROP SHOULDER RUMBLE STRIPS, 8"
- ⑧ PROP AGGREGATE WEDGE SHOULDERS, TY B

EX CURVE
PI STA. = 75+34.43
 $\Delta = 05^{\circ}13'33''$ (RT)
D = 00°33'32"
R = 10,250.90'
T = 467.80'
L = 934.95'
E = 10.67'
e = NC
PC STA = 70+66.63
PT STA = 80+01.58



EX CURVE
PI STA. = 75+34.43
 $\Delta = 05^{\circ}13'33''$ (RT)
D = 00°33'32"
R = 10,250.90'
T = 467.80'
L = 934.95'
E = 10.67'
e = NC
PC STA = 70+66.63
PT STA = 80+01.58

EX CURVE
PI STA. = 85+01.58
 $\Delta = 04^{\circ}17'23''$ (LT)
D = 00°25'45"
R = 13,350.08'
T = 500.00'
L = 999.53'
E = 9.36'
e = NC
PC STA = 80+01.53
PT STA = 90+01.12

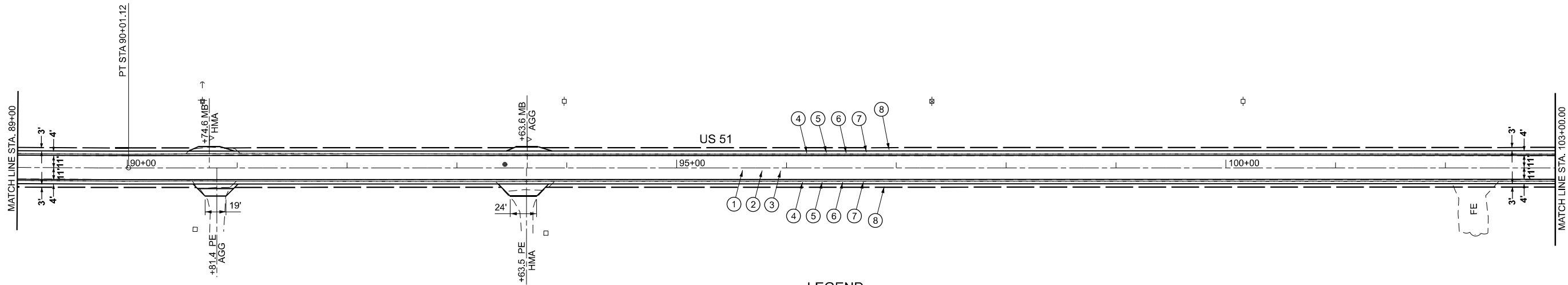
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS

SCALE: 1"=50' SHEET 1 OF 6 SHEETS STA. 64+58.00 TO STA. 89+00.00

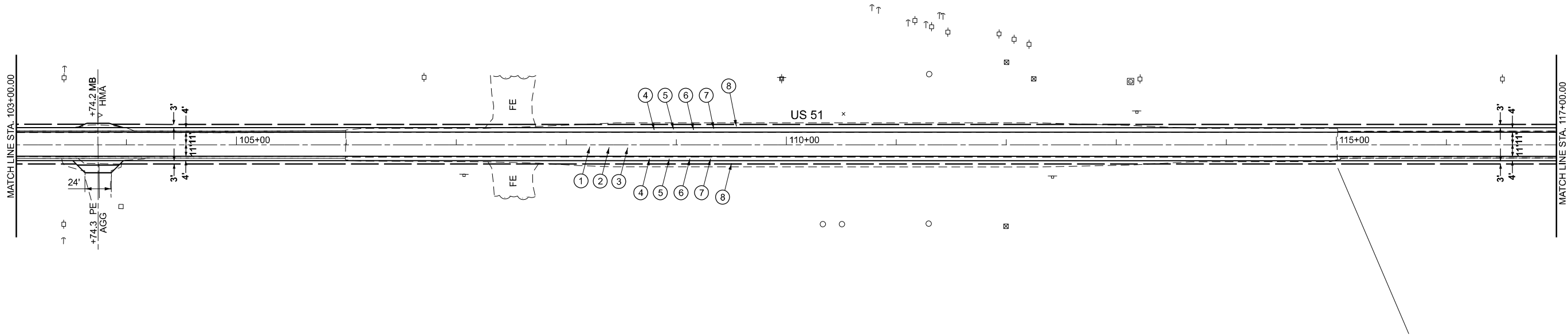
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	43RS-10,SR	CHRISTIAN	23	12
CONTRACT NO. 72415				
ILLINOIS FED. AID PROJECT				

MODEL: Default
FILE NAME: c:\pwwork\pwwork\minder\1108322\72415 plan sheets.dgn



LEGEND

- 1 PROP HMA SURF REM, 1 1/2"
- 2 PROP HMA BINDER COURSE, IL-9.5FG, N50, 1 1/4"
- 3 PROP POLYMERIZED HMA SURFACE COURSE, IL-9.5, MIX "C", N50 1 1/2"
- 4 PROP EXCAVATING AND GRADING EXISTING SHOULDER, (SPECIAL)
- 5 PROP HMA SHOULDERS, 6 1/2"
- 6 PROP HMA SHOULDERS, 1 1/2" (PAID FOR IN TONS)
- 7 PROP SHOULDER RUMBLE STRIPS, 8"
- 8 PROP AGGREGATE WEDGE SHOULDERS, TY B



USER NAME = brian.minder	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 10/16/2025	DATE -	REVISED -

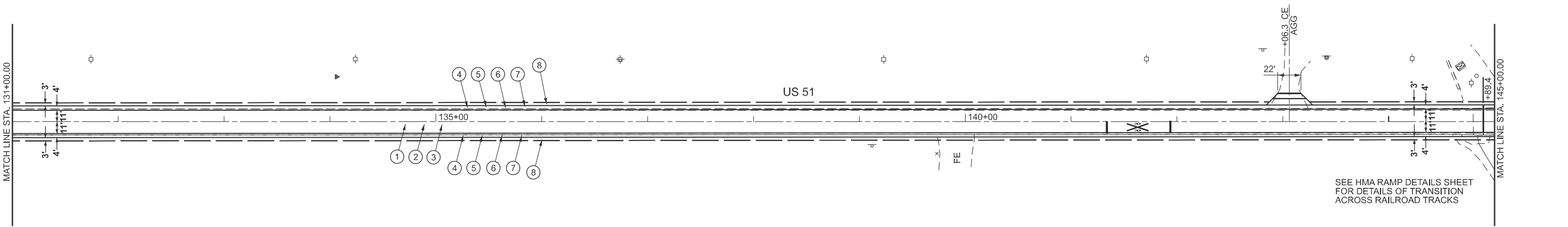
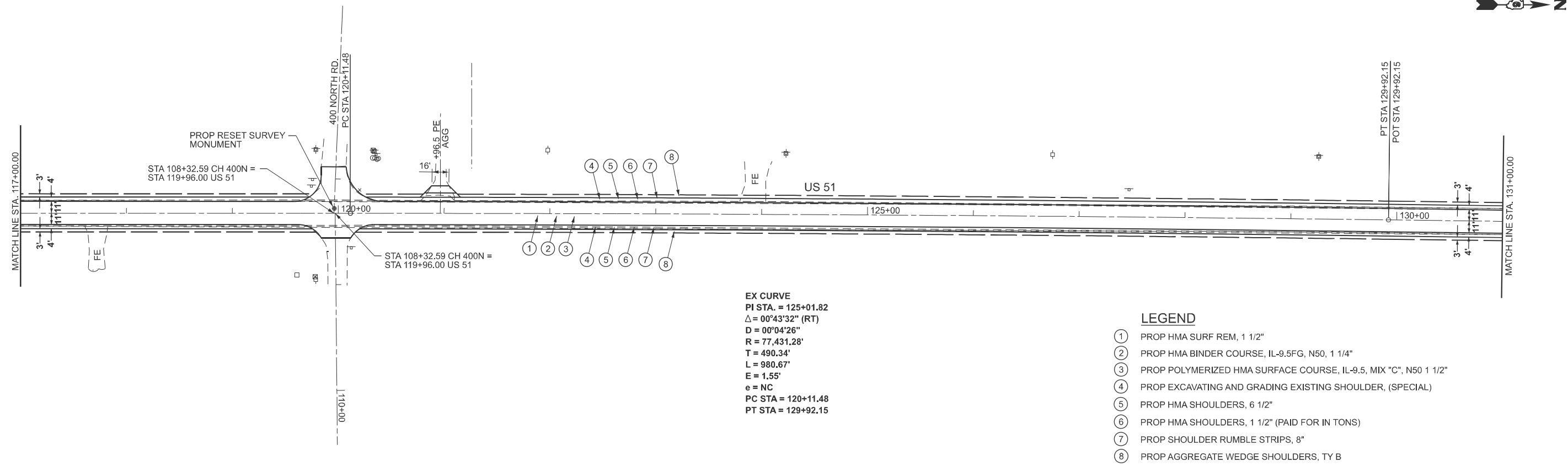
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS

SCALE: 1"=50' SHEET 2 OF 6 SHEETS STA. 89+00.00 TO STA. 117+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	43RS-10,SR	CHRISTIAN	23	13
CONTRACT NO. 72415				
ILLINOIS FED. AID PROJECT				

MODEL: Default
FILE NAME: c:\pwwork\pwwork\minder\1108322\72415\plan_sheets.dgn



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS

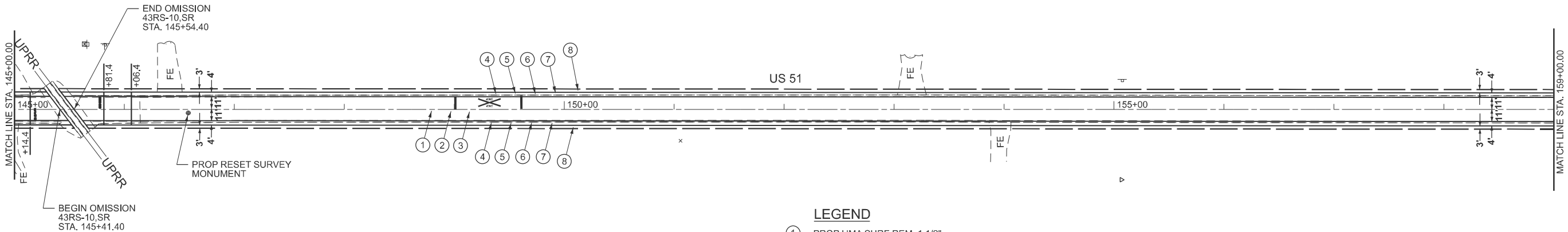
USER NAME	= brian.minder	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 10/17/2025	DATE	-	REVISED	-

SCALE: 1"=50' SHEET 3 OF 6 SHEETS STA. 117+00.00 TO STA. 145+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	43RS-10,SR	CHRISTIAN	23	14
CONTRACT NO. 72415				
ILLINOIS FED. AID PROJECT				

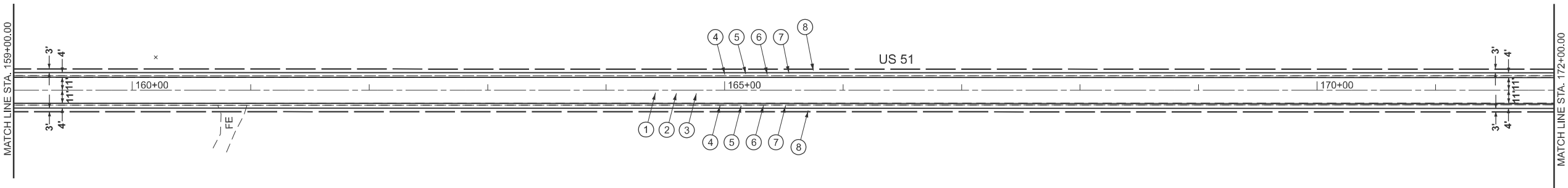


SEE HMA RAMP DETAILS SHEET
FOR DETAILS OF TRANSITION
ACROSS RAILROAD TRACKS



LEGEND

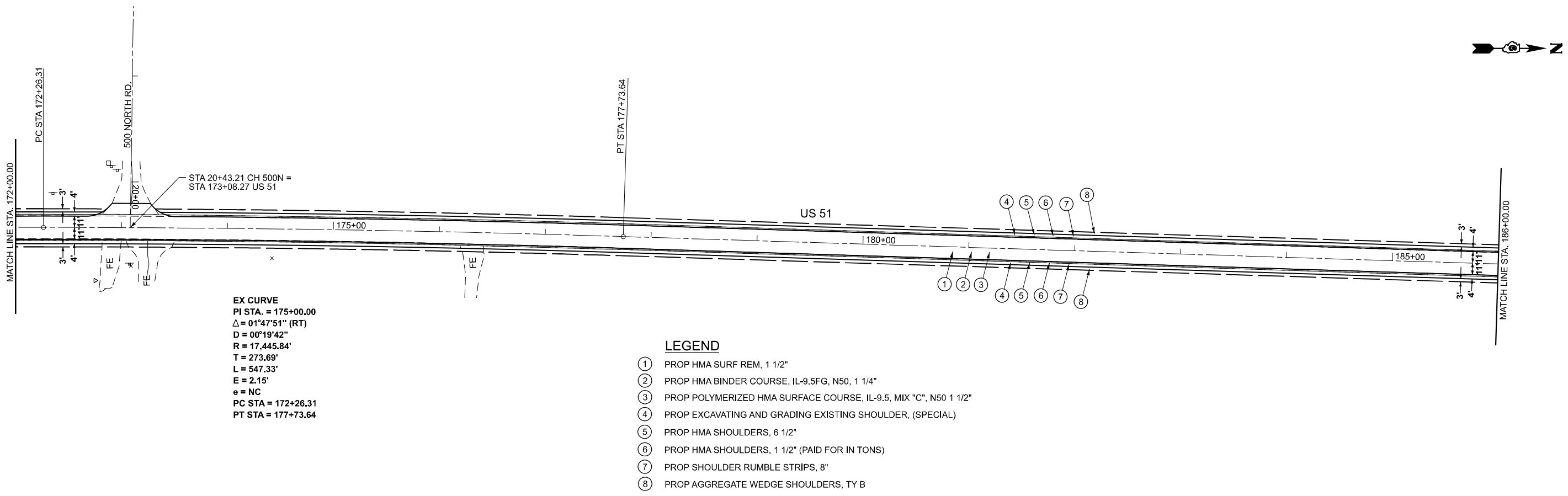
- ① PROP HMA SURF REM, 1 1/2"
- ② PROP HMA BINDER COURSE, IL-9.5FG, N50, 1 1/4"
- ③ PROP POLYMERIZED HMA SURFACE COURSE, IL-9.5, MIX "C", N50 1 1/2"
- ④ PROP EXCAVATING AND GRADING EXISTING SHOULDER, (SPECIAL)
- ⑤ PROP HMA SHOULDERS, 6 1/2"
- ⑥ PROP HMA SHOULDERS, 1 1/2" (PAID FOR IN TONS)
- ⑦ PROP SHOULDER RUMBLE STRIPS, 8"
- ⑧ PROP AGGREGATE WEDGE SHOULDERS, TY B



MODEL: Default
FILE NAME: c:\p\p\work\p\work\minder\hcd1108322\72415\plan_sheets.dgn

	USER NAME = brian.minder	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEETS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					322	43RS-10,SR	CHRISTIAN	23	15
		CHECKED -	REVISED -					CONTRACT NO. 72415				
	PLOT DATE = 10/17/2025	DATE -	REVISED -		SCALE: 1"=50'	SHEET 4	OF 6 SHEETS	STA. 145+00.00	TO STA. 172+00.00	ILLINOIS	FED. AID PROJECT	

MODEL: Default
FILE NAME: c:\pwwork\pwwork\minder\1108322\72415\plan_sheets.dgn



EX CURVE
PI STA. = 175+00.00
Δ = 01°47'51" (RT)
R = 17,445.84'
T = 273.69'
L = 547.33'
E = 2.15'
e = NC
PC STA = 172+26.31
PT STA = 177+73.64

- LEGEND**
- ① PROP HMA SURF REM, 1 1/2"
 - ② PROP HMA BINDER COURSE, IL-9.5FG, N50, 1 1/4"
 - ③ PROP POLYMERIZED HMA SURFACE COURSE, IL-9.5, MIX "C", N50 1 1/2"
 - ④ PROP EXCAVATING AND GRADING EXISTING SHOULDER, (SPECIAL)
 - ⑤ PROP HMA SHOULDERS, 6 1/2"
 - ⑥ PROP HMA SHOULDERS, 1 1/2" (PAID FOR IN TONS)
 - ⑦ PROP SHOULDER RUMBLE STRIPS, 8"
 - ⑧ PROP AGGREGATE WEDGE SHOULDERS, TY B

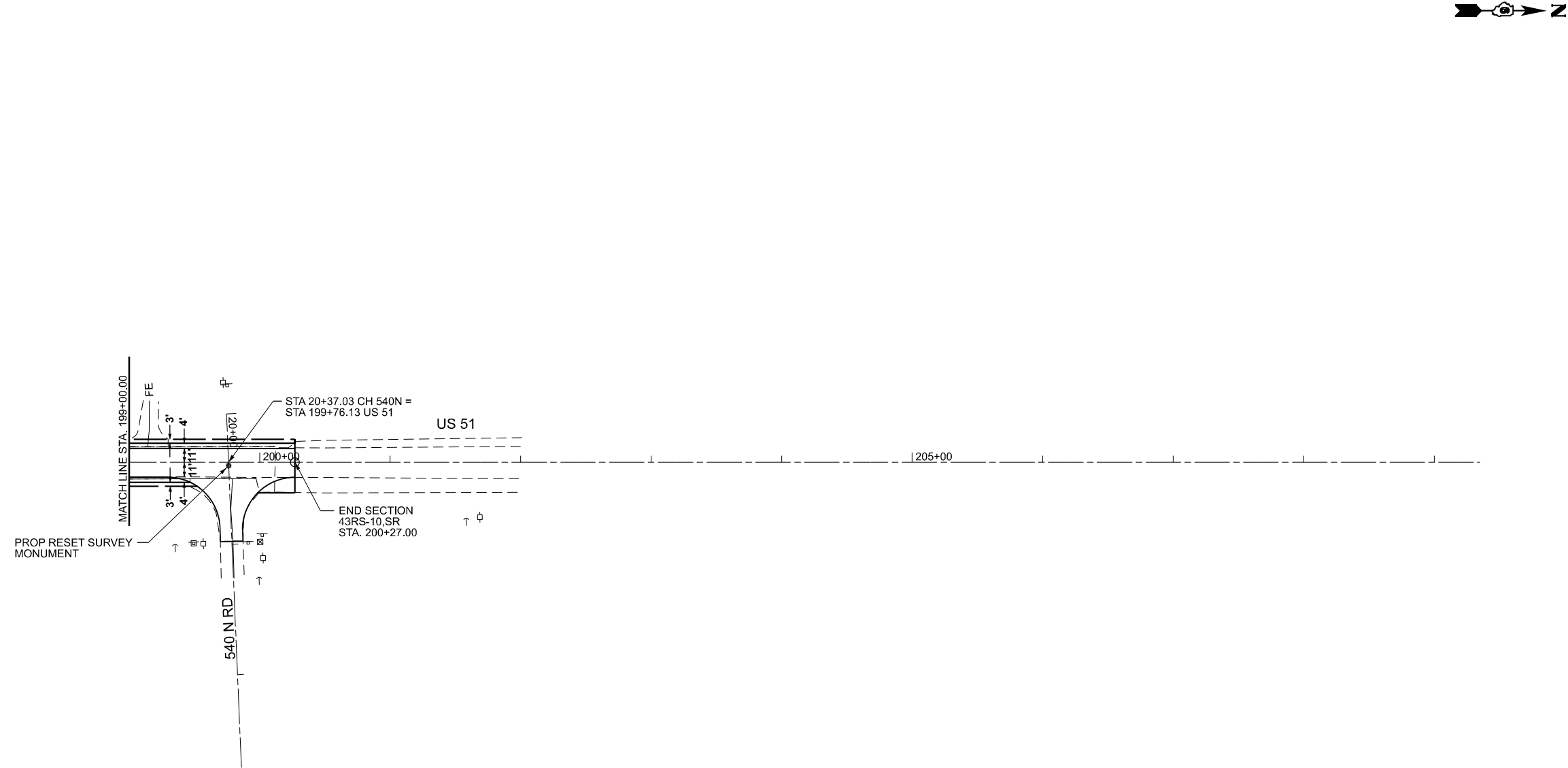


USER NAME	= brian.minder	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 10/16/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

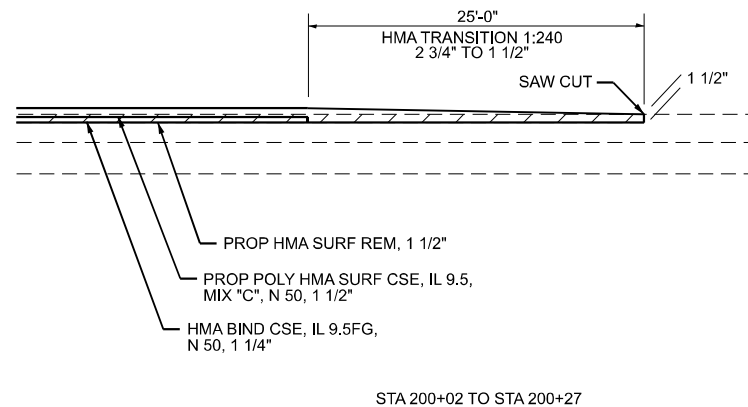
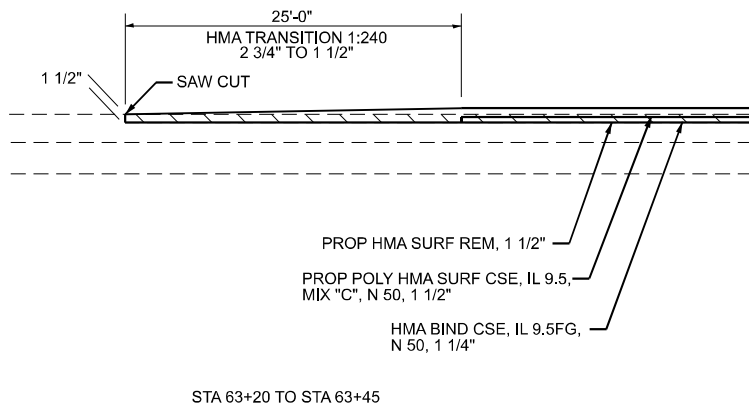
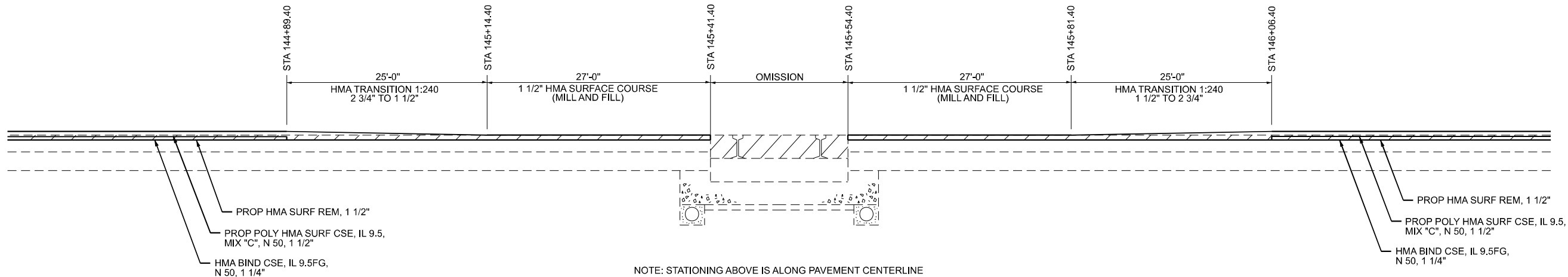
PLAN SHEETS			
SCALE: 1"=50'	SHEET 5 OF 6 SHEETS	STA. 172+00.00	TO STA. 199+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	43RS-10,SR	CHRISTIAN	23	16
CONTRACT NO. 72415				
ILLINOIS FED. AID PROJECT				



MODEL: Default
FILE NAME: c:\p\p\work\p\work\minder\1108322\72415 plan sheets.dgn

	USER NAME = brian.minder	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEETS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					322	43RS-10,SR	CHRISTIAN	23	17
		CHECKED -	REVISED -					CONTRACT NO. 72415				
	PLOT DATE = 10/16/2025	DATE -	REVISED -		SCALE: 1"=50'	SHEET 6	OF 6 SHEETS	STA. 199+00.00	TO STA. 200+27.00	ILLINOIS	FED. AID PROJECT	



MODEL: Default
FILE NAME: c:\p\work\p\work\minder\1108322\72415 D6 Standards.dgn

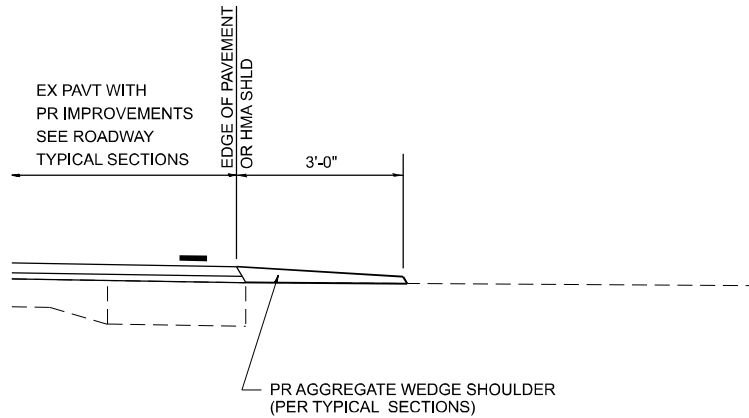
USER NAME	= brian.minder	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 10/17/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

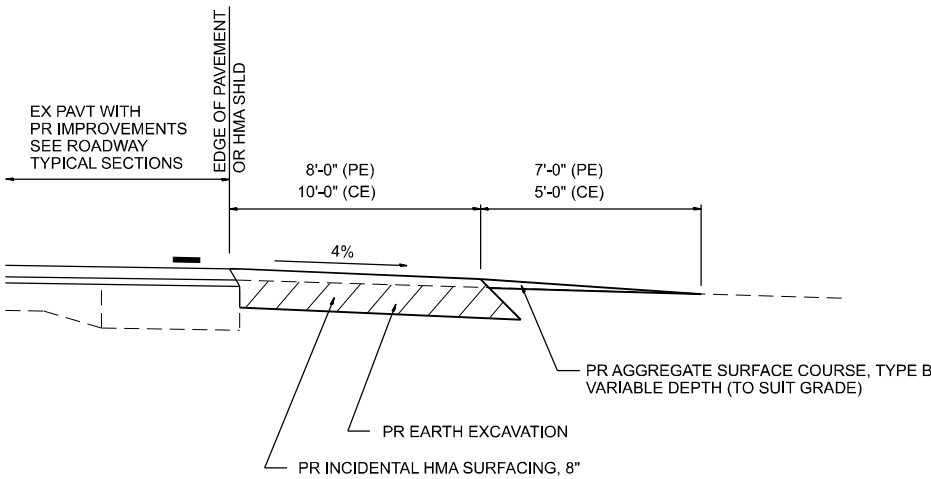
HMA RAMP DETAILS

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

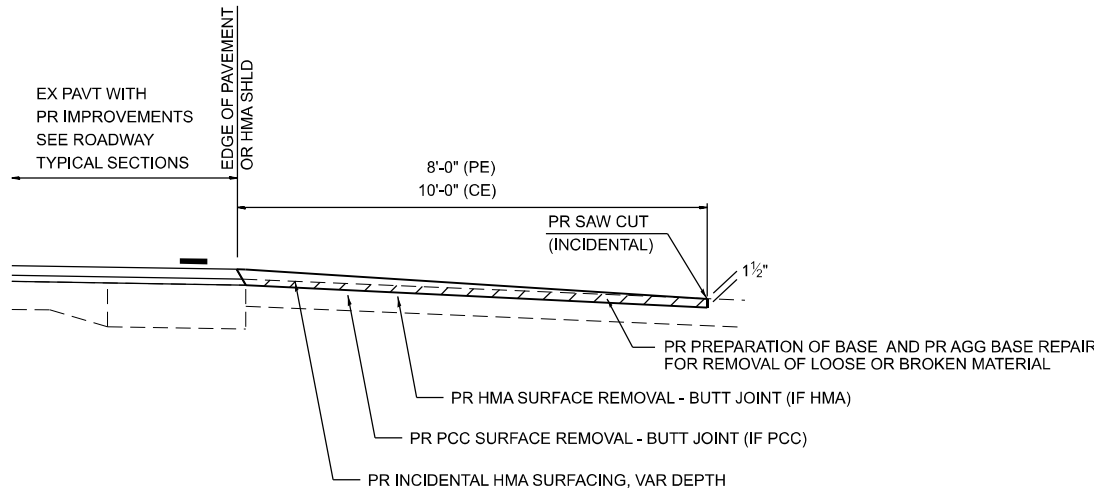
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	43RS-10,SR	CHRISTIAN	23	18
CONTRACT NO. 72415				
ILLINOIS FED. AID PROJECT				



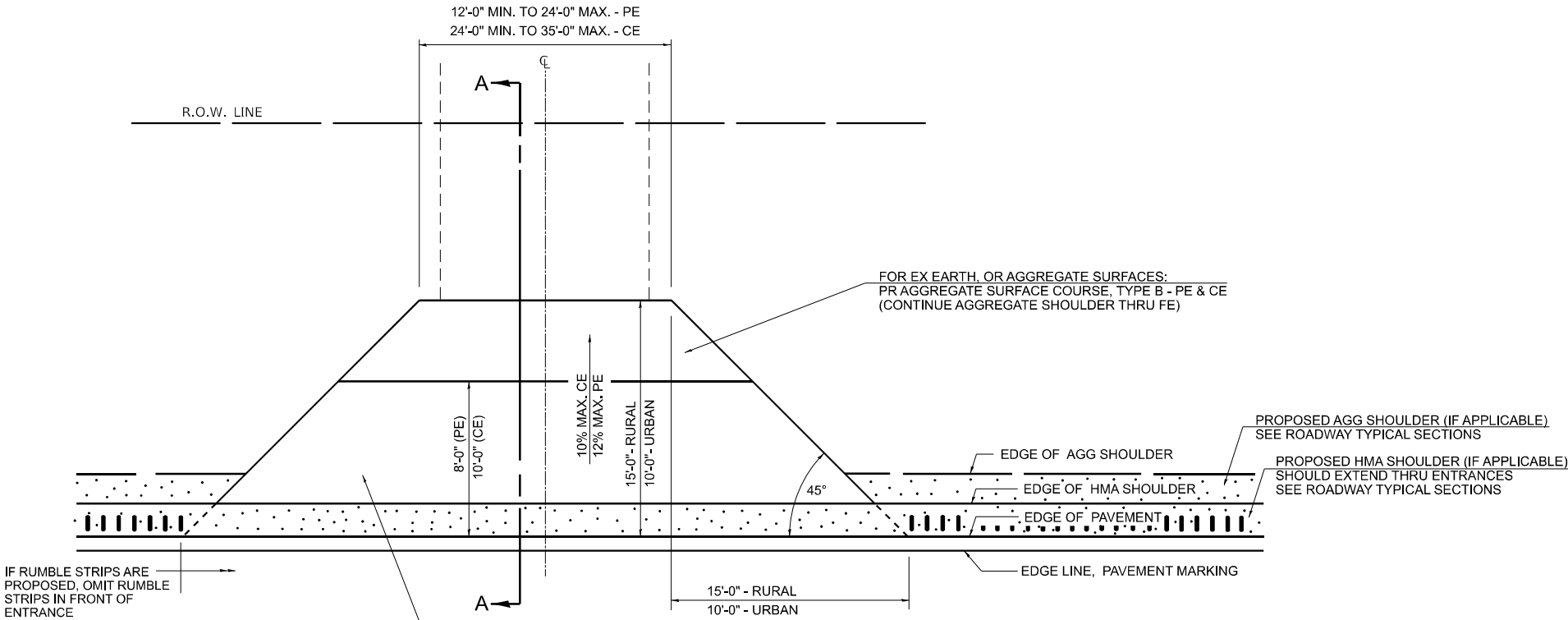
SECTION A-A FOR EX EARTH/ AGGREGATE FE



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



SECTION A-A FOR EX BITUMINOUS/ PC CONCRETE PE & CE



PLAN - ENTRANCE

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, THEREBY 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 ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

INCIDENTAL HMA SURFACING REQUIRED TO CONSTRUCT THE ENTRANCES SHALL BE PLACED ACCORDING TO THE APPLICABLE PORTIONS OF SECTION 406 AND 408 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.

WHEN THE INCIDENTAL HMA SURFACING PROPOSED FOR THE IMPROVEMENT IS THICKER THAN 3 INCHES, THE CONTRACTOR WILL BE REQUIRED TO PLACE 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 INCIDENTAL SURFACING.

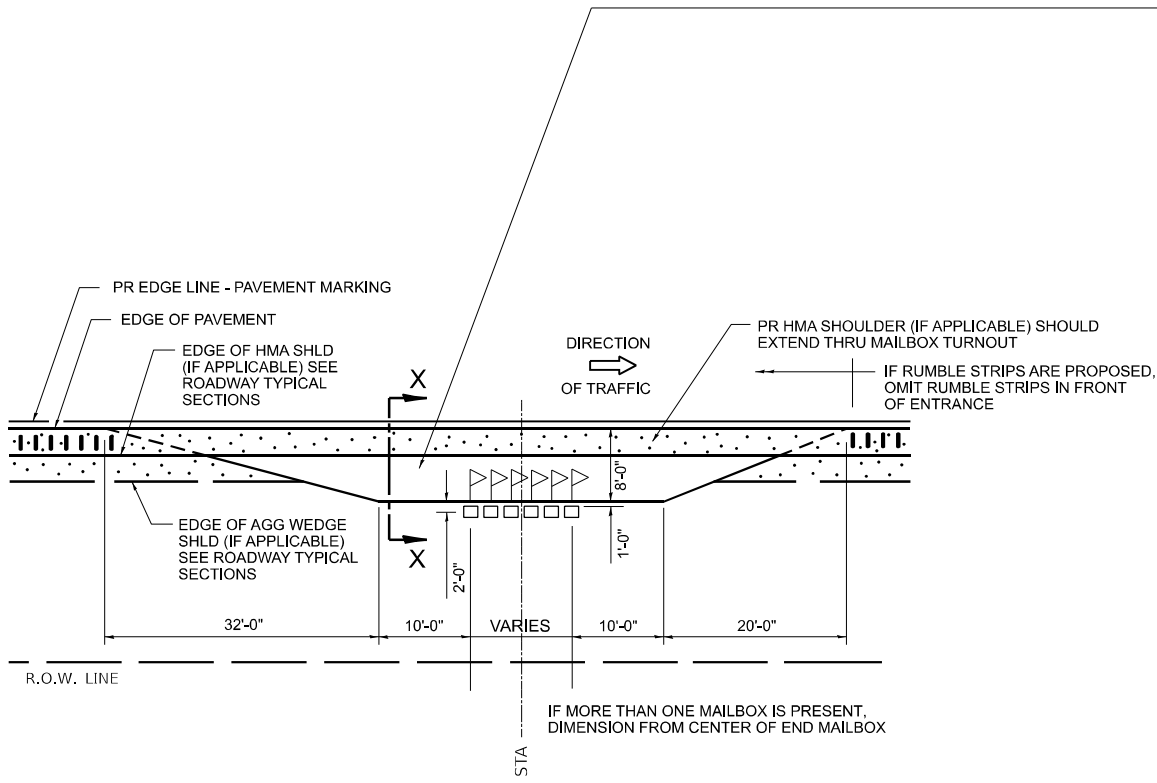
THIS WORK WILL BE PAID FOR ACCORDING TO SECTIONS 351, 358, 408, 423 AND 440 OF THE STANDARD SPECIFICATIONS.

FOR SMART OVERLAYS (1 1/2" MILLING AND 1 1/2" RESURFACING PROJECTS), USE THE SAME STANDARDS AS SHOWN, OMITTING THE BINDER COURSE.

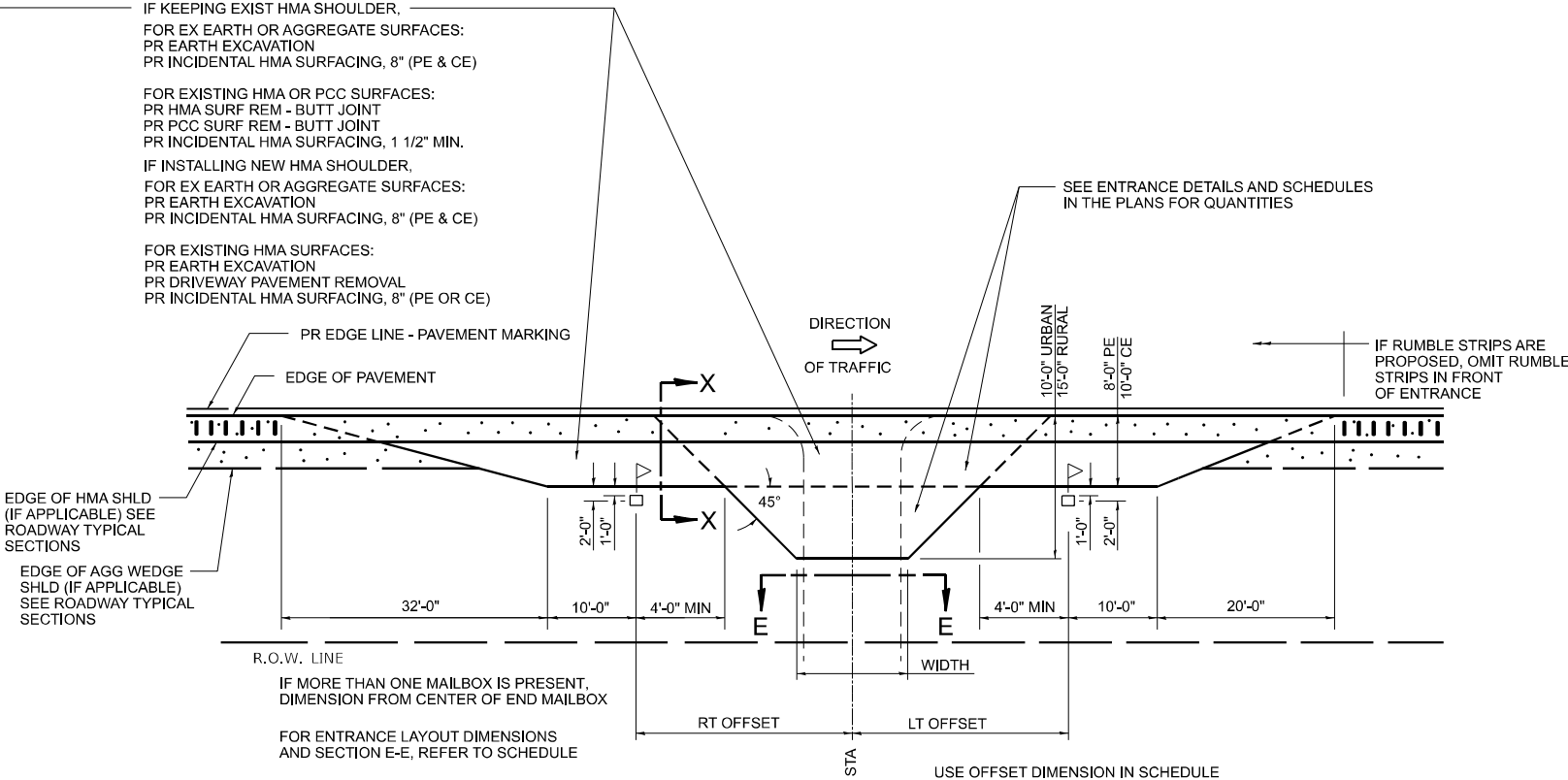
MODEL: Default
FILE NAME: c:\pwworkspace\minder\1108322\72415 D6 Standards.dgn

400-ent_ppp	USER NAME = brian,minder	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DIST. 6 DETAILS FOR RURAL/URBAN ENT. & MAILBOX TURNOUT W/O CONC. GUTTER (3P-PROJ.)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			322	43RS-10,SR	CHRISTIAN	23	19
		CHECKED -	REVISED -			CONTRACT NO. 72415				
	PLOT DATE = 10/16/2025	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
						SCALE: 1" = 20'	SHEET 1	OF 2	SHEETS	STA.

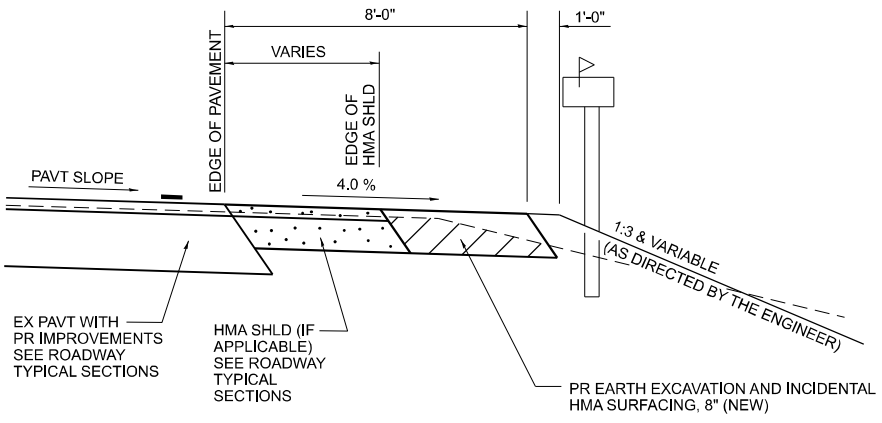
DETAILS OF MAILBOX TURNOUTS



PLAN - MAILBOX TURNOUTS

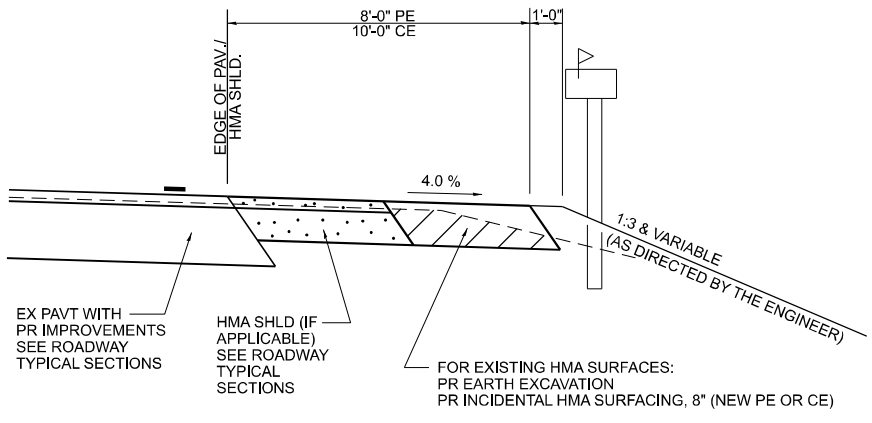


PLAN - MAILBOX TURNOUTS
PLAN - COMBINED MAILBOX TURNOUT WITH TRAILING OR LEADING ENTRANCE



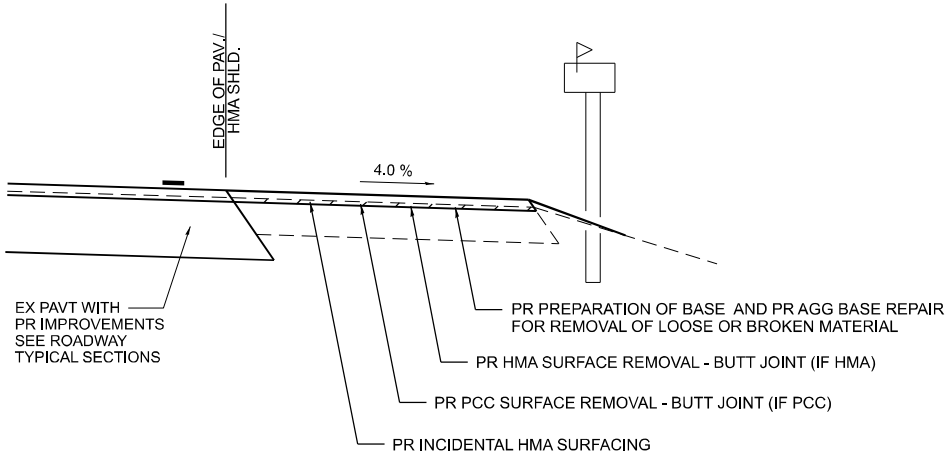
SECTION X-X THRU MAILBOX TURNOUT
APPLIES TO MAILBOX TURNOUTS COMBINED WITH
EX EARTH OR AGGREGATE PE & FE

(DETAIL APPLIES WHEN MAILBOX TURNOUT DOES NOT EXIST.
IF EXISTING, TREAT SAME AS ENTRANCE)



SECTION X-X THRU MAILBOX TURNOUT
APPLIES TO MAILBOX TURNOUTS COMBINED WITH
EX HMA PE & CE WITH NEW HMA SHLD

(DETAIL APPLIES WHEN MAILBOX TURNOUT DOES NOT EXIST.
IF EXISTING, TREAT SAME AS ENTRANCE)



SECTION X-X THRU MAILBOX TURNOUT
APPLIES TO MAILBOX TURNOUTS COMBINED WITH
EX HMA & PCC PE & CE W/O NEW HMA SHLD

NOTE: IF THERE IS A NEW HMA SHOULDER PROPOSED, THEN THE ENTIRE EXISTING MB TURNOUT WILL BE REPLACED. IF THERE IS NO PROPOSED NEW HMA SHOULDER, THE EXISTING MB TURNOUT WILL BE MILLED AND RESURFACED.

MODEL: Default
FILE NAME: c:\pwworking\minder\1108322\72415 D6 Standards.dgn

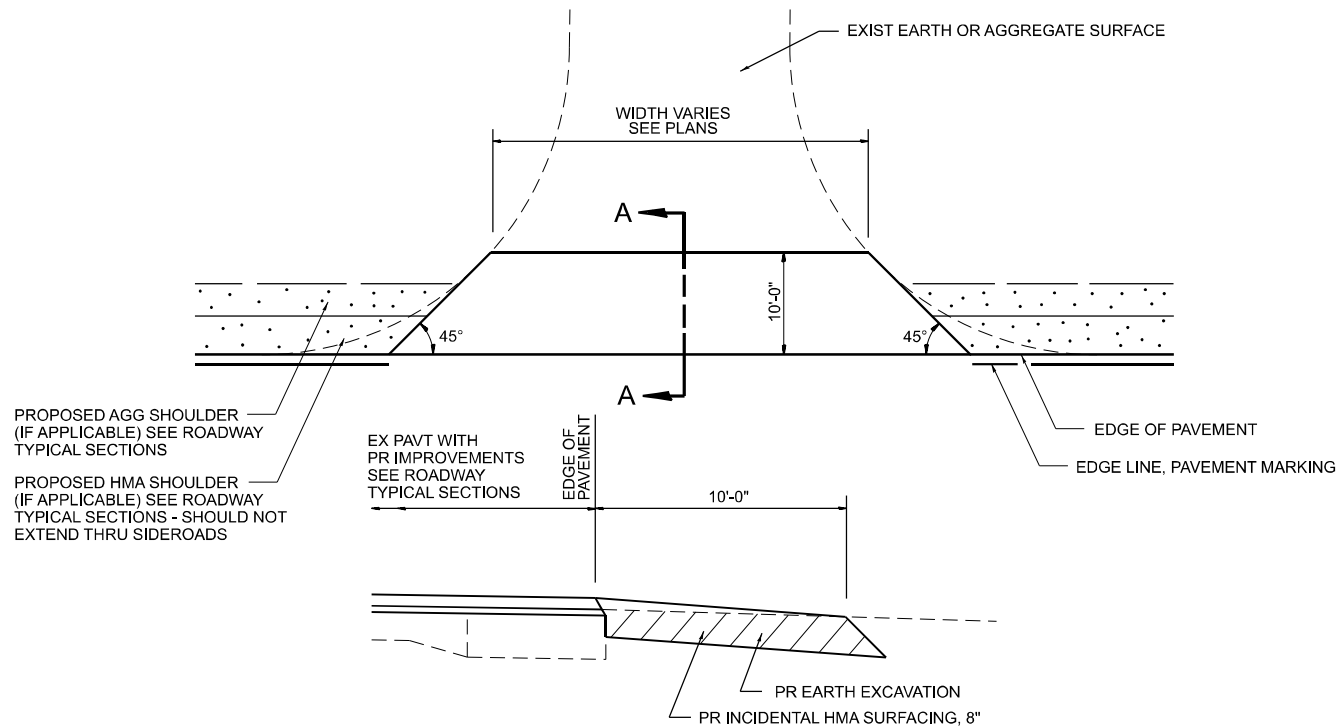
400-ent_ppp	USER NAME = brian.minder	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
	PLOT DATE = 10/16/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

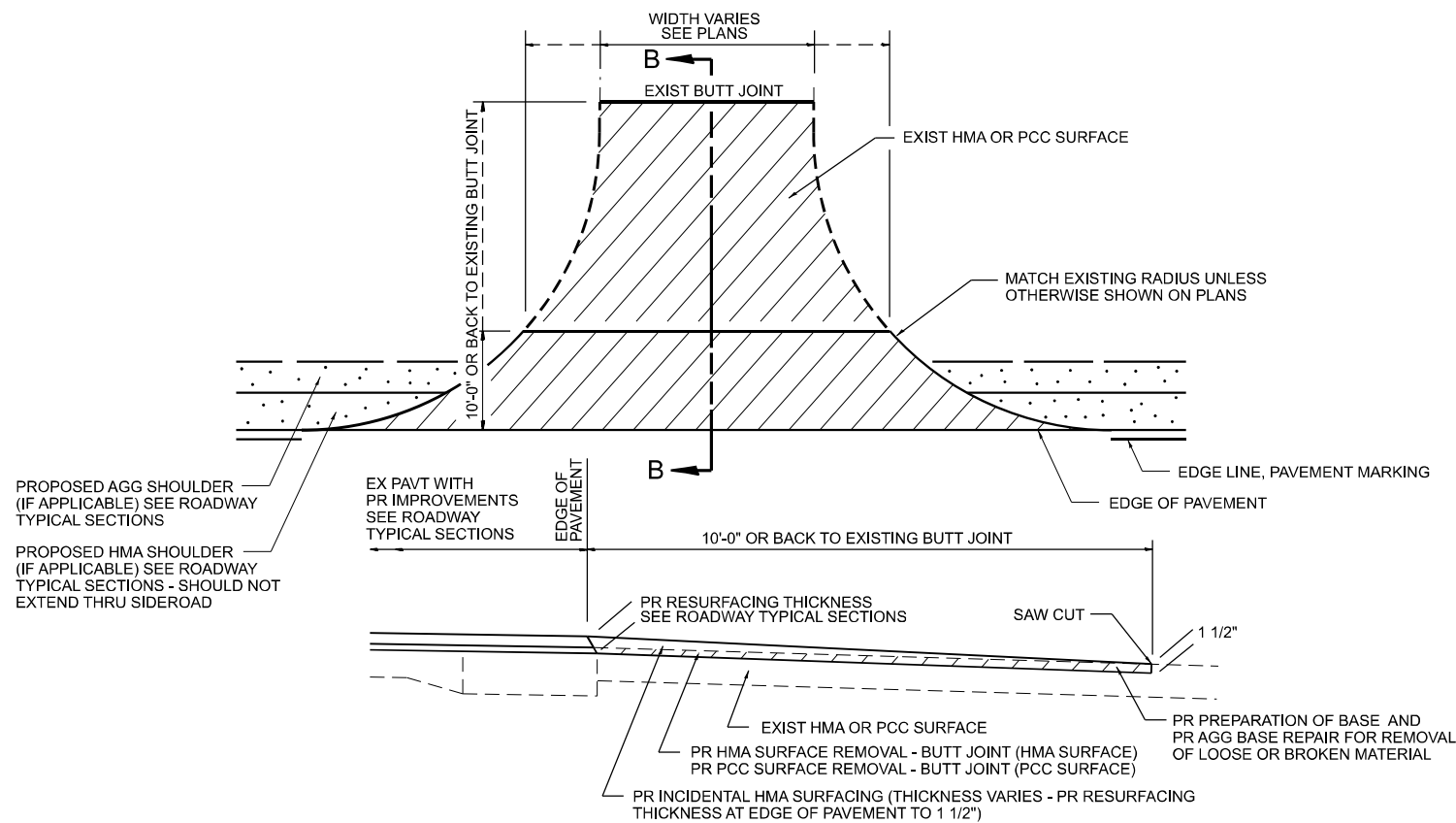
DIST. 6 DETAILS FOR RURAL/URBAN ENT., MAILBOX
TURNOUT & SIDEROADS W/O CONC. GUTTER (3P-PROJ.)

SCALE: 1" = 20' SHEET 1 OF 2 SHEETS STA. TO STA.

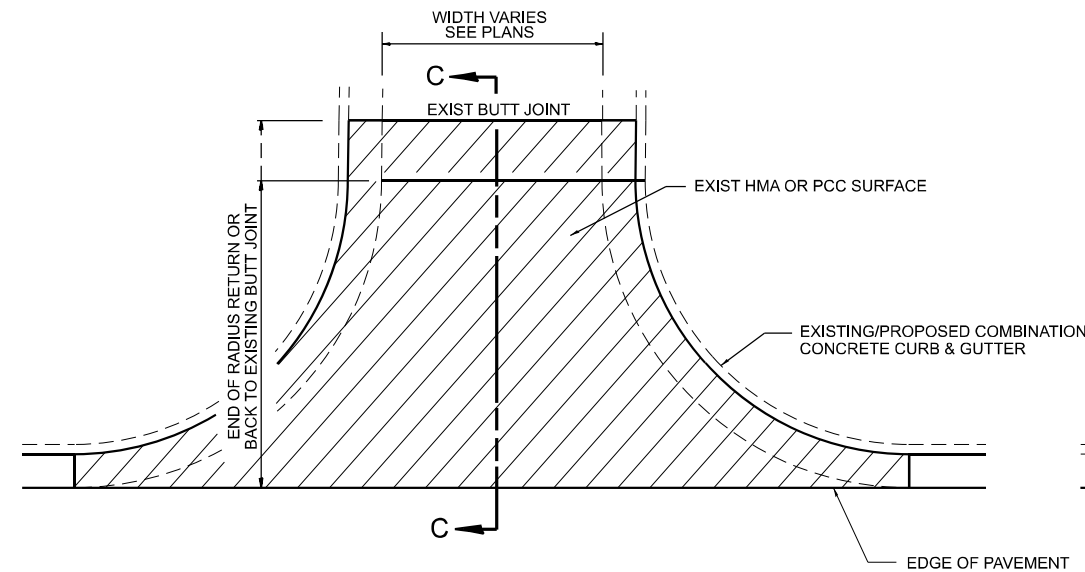
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	43RS-10,SR	CHRISTIAN	23	20
CONTRACT NO. 72415				
ILLINOIS FED. AID PROJECT				



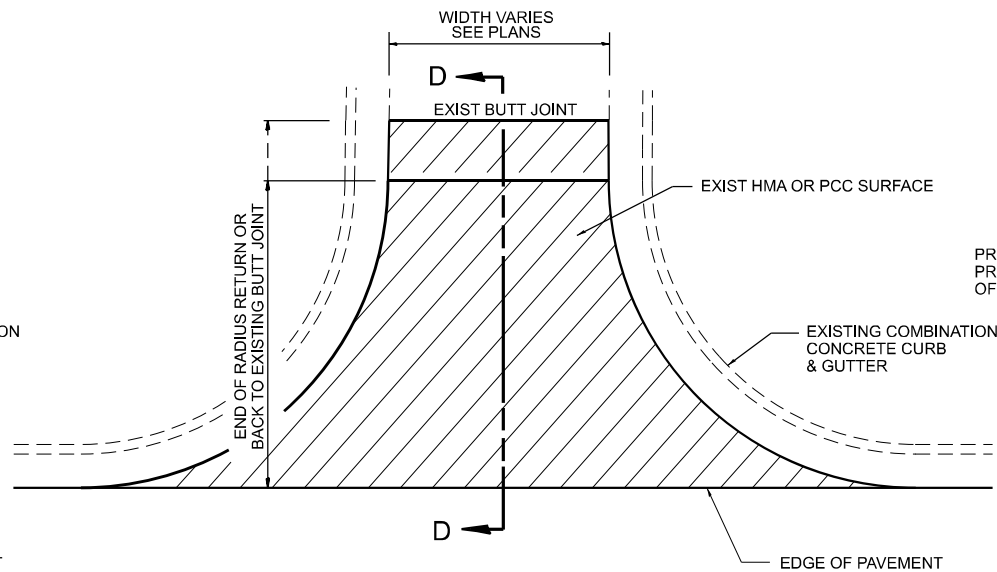
SECTION A-A
EXIST AGGREGATE SIDEROAD DETAIL
(NEW HMA APRON)



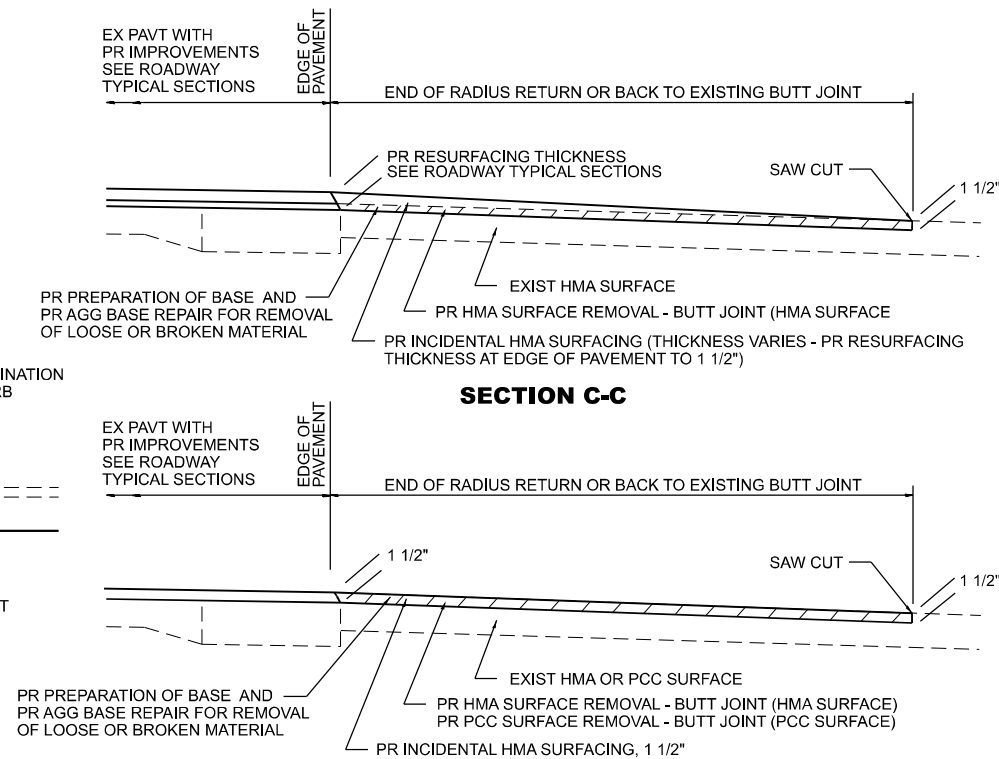
SECTION B-B
EXIST HMA OR PCC SIDEROAD DETAIL W/O CC&G (TO BE RESURFACED)



EXIST HMA SIDEROAD DETAIL W/CC&G
(TO BE RESURFACED)



EXIST HMA OR PCC SIDEROAD DETAIL W/CC&G
(TO BE RESURFACED - MILL AND FILL ONLY)

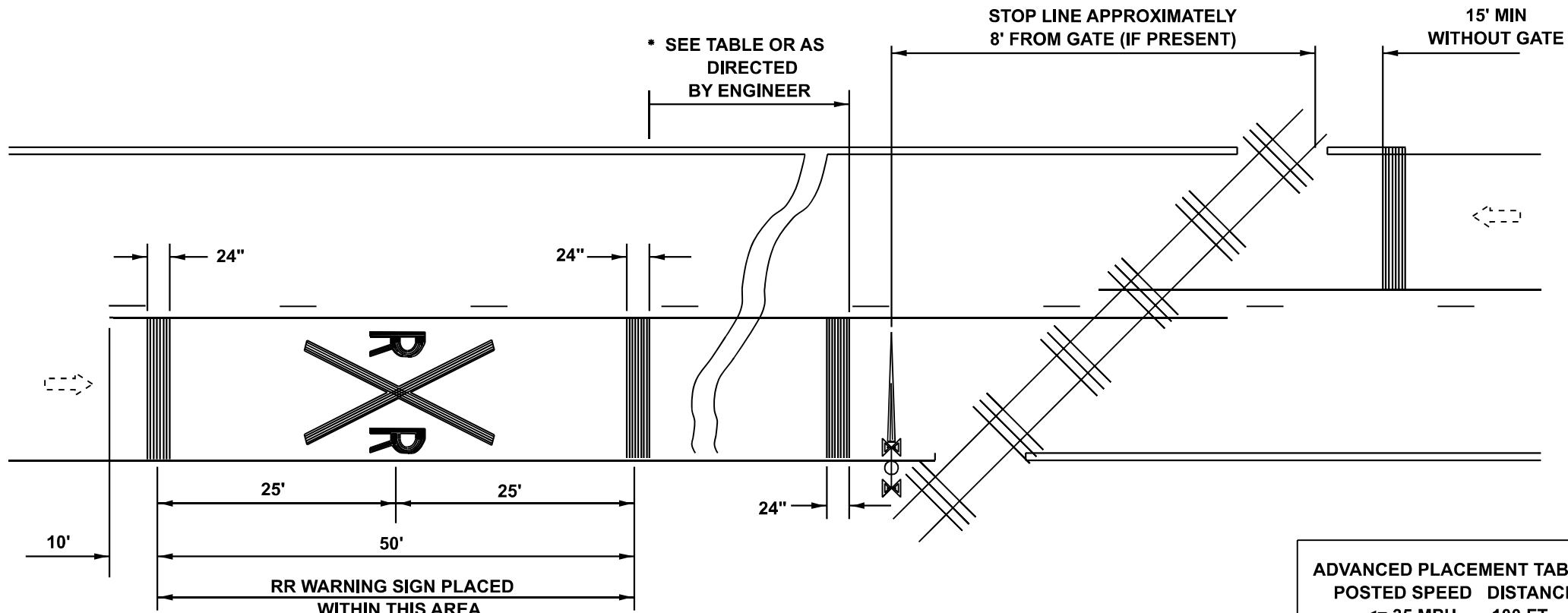


- SECTION D-D**
- NOTES:**
1. IF HMA SHOULDERS ARE PROPOSED, THEY SHOULD NOT EXTEND THROUGH SIDEROADS.
 2. THE COST OF SAW CUTS SHALL BE INCLUDED IN THE COST OF THE HMA SURFACE REMOVAL - BUTT JOINT OR PCC SURFACE REMOVAL - BUTT JOINT PAY ITEMS

SHEET 1 OF 2
UPDATED 8/6/2025

MODEL: Default
FILE NAME: c:\p\work\p\work\minder\1108322\72415 D6 Standards.dgn

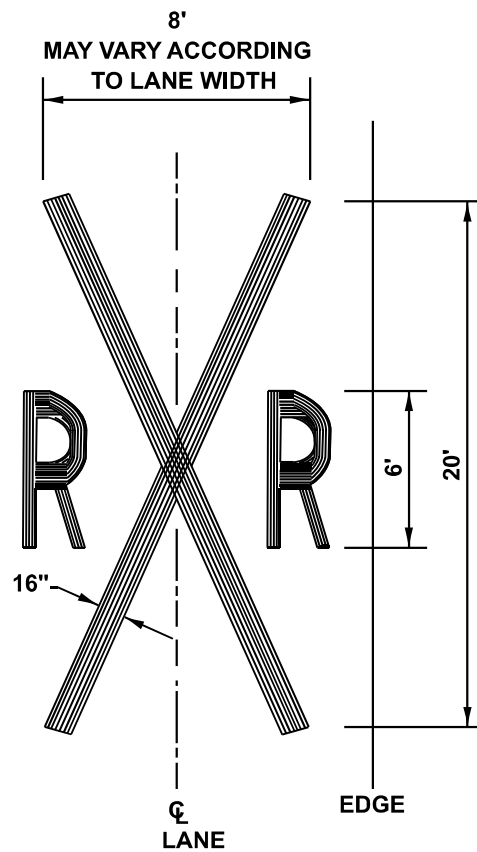
400-siderd	USER NAME = brian.minder	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DIST. 6 DETAILS FOR SIDEROADS (3P-PROJ.)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -						322	43RS-10,SR	CHRISTIAN	23	21	
		CHECKED -	REVISED -						CONTRACT NO. 72415					
	PLOT DATE = 10/16/2025	DATE -	REVISED -		SCALE: 1" = 20'				SHEET 1	OF 2 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	



ADVANCED PLACEMENT TABLE	
POSTED SPEED	DISTANCE
<= 35 MPH	100 FT
40 MPH	125 FT
45 MPH	175 FT
50 MPH	250 FT
55 MPH	325 FT
60 MPH	400 FT
65 MPH	475 FT

R = 3.6 SQ. FT.
X = 54.0 SQ. FT.

PAVEMENT MARKING TYPE: HMA - THERMOPLASTIC
PCC - EPOXY



NOTES:

1. THE DISTANCE FROM THE RAILROAD CROSSING MARKING TO THE NEAREST TRACK WILL VARY ACCORDING THE APPROACH SPEED AND THE SIGHT DISTANCE OF THE VEHICULAR TRAFFIC APPROACHING, BUT SHOULD NOT BE LESS THAN 50'
2. ON MULTI-LANE ROADS THE TRANSVERSE BANDS SHOULD EXTEND ACROSS ALL APPROACH LANES, AND INDIVIDUAL RXR SYMBOLS SHOULD BE USED IN EACH APPROACH LANE.

TYPICAL PAVEMENT MARKINGS
AT
RAILROAD-HIGHWAY GRADE CROSSINGS
AND MARKINGS FOR RXR SYMBOLS DETAILS.
REFER TO STANDARD ALPHABET FOR HIGHWAY SIGNS

DATE 12-01-2024 NOT TO SCALE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT 6 PAVEMENT MARKING STANDARDS

SCALE: 1" = 20' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	43RS-10,SR	CHRISTIAN	23	22
CONTRACT NO. 72415				

ILLINOIS FED. AID PROJECT

USER NAME = brian.minder	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 10/16/2025	DATE -	REVISED -

