

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
713	121RS-4	SCHUYLER	31	1
		ILLINOIS	CONTRACT NO. 72H58	

D-96-033-15

FOR INDEX OF SHEETS, SEE SHEET NO. 2

HIGHWAY CLASSIFICATION

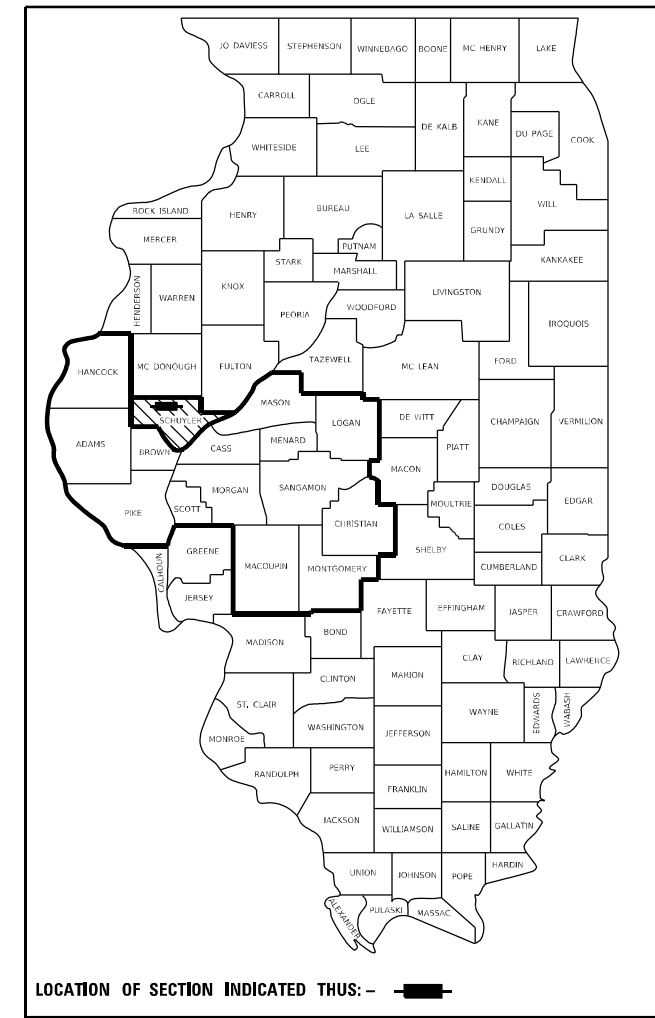
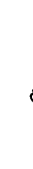
F.A.P. ROUTE 713 (IL 101)
fr. 0.2 MI W of Freeman Mine Rd to US 67
CLASSIFICATION: MINOR ARTERIAL (NON-URBAN)

ADT: 444 (2021) PV = 78.83%
DESIGN SPEED: 40 & 60 MPH SU = 9.41%
POSTED SPEED: 35 & 55 MPH MU = 11.76%

PROPOSED
HIGHWAY PLANS

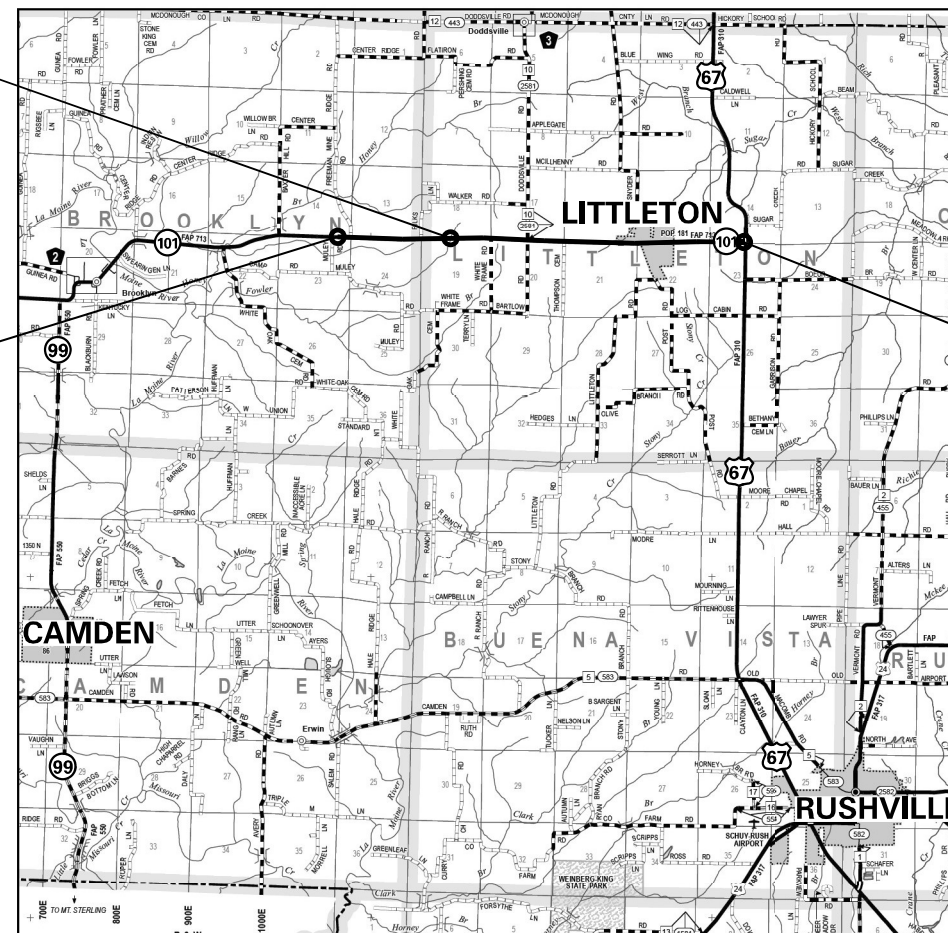
FAP ROUTE 713 (IL 101)
SECTION 121RS-4
PROJECT STP-JV8W(605)
STANDARD OVERLAY, ADA IMPROVEMENT
SCHUYLER COUNTY

C-96-033-15

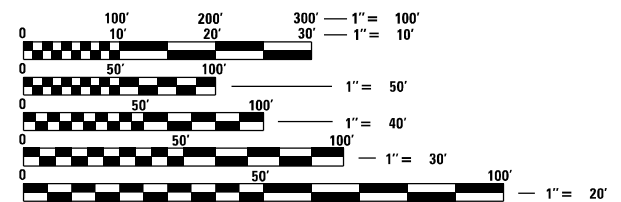


SN: 085-7039
EXIST. BOX CULV 6'x6'
STA. 809+79.40

LIMITS OF IMPROVEMENT
BEGINS AT STA. 730+39.00



LIMITS OF IMPROVEMENT
ENDS AT STA. 1031+16.80



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: BRIAN LANINGHAM (217) 782-6990
TEAM ENGINEER: RENE CABRERA (217) 558-5140

GROSS LENGTH = 30,051.26 FT = 5.69 MI
NET LENGTH = 30,006.26 FT = 5.68 MI

CONTRACT NO. 72H58

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED October 19, 2023

Jeffrey P. Meyer
REGIONAL ENGINEER

December 8, 2023
Scott A. Etkin
ENGINEER OF DESIGN AND ENVIRONMENT

December 8, 2023
Stephen M. Smith
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

GENERAL NOTES

GENERAL NOTES

INDEX OF SHEETS

- ① THE EXACT LOCATIONS AND SIZES OF PAVEMENT PATCHES SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.
- ② THE APPROXIMATE AVERAGE THICKNESS OF 1½" IS USED FOR CALCULATING QUANTITY FOR AGGREGATE WEDGE SHOULDER, TYPE B.
- ③ THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE:

LOCATION(S):	IL 101	IL 101	IL 101	IL 101	IL 101	Side Rds. & Entr.
MIXTURE USE(S):	HMA CONC SURF CSE	HMA BIND (1.25")	PATCHING	HMA SHLDR (bottom lift)	HMA SHLDR (top lift)	INCIDENTAL HMA SURF
AC/PG:	PG 58-28	PG 58-28	PG 64-22	PG 58-28	PG 58-28	PG 58-28
DESIGN AIR VOIDS	4.0% @ N design = 50	4.0% @ N design = 50	4.0% @ N design = 50	4.0% @ N design = 50	4.0% @ N design = 50	4.0% @ N design = 50
MIXTURE COMPOSITION (Gradation Mixture)	IL 9.5	IL 9.5FG	IL 19.0	IL 19.0	IL 9.5	IL 9.5
FRICTION AGGREGATE	MIX "C"	N/A	N/A	N/A	MIX "C"	MIX "C"
QUALITY MANAGEMENT	QCP	QCP	QC/QA	QC/QA	QC/QA	QC/QA
SUBLOT SIZE	1,000 TONS	1,000 TONS	1,000 TONS	N/A	N/A	N/A
MATERIAL TRANSFER DEVICE	YES	N/A	N/A	N/A	N/A	N/A

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

- ④ PROPOSED SUPERELEVATIONS SHOWN IN THE TYPICAL SECTIONS ARE REFERENCED FROM EXISTING PLANS AND SHALL MATCH EXISTING PAVEMENT GRADES AND TRANSITIONS, THE ENGINEER SHALL FIELD VERIFY ALL EXISTING SUPERELEVATIONS.
- ⑤ ALL AGGREGATE SURFACE COURSE SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- ⑥ THE CONTRACTOR SHALL NOTIFY THE DISTRICT 6 BUREAU OF OPERATIONS AT (217) 785-5306 THREE WEEKS PRIOR TO IMPLEMENTING ANY TRAFFIC CONTROL.
- ⑦ NO PASSING ZONES TO BE FIELD VERIFIED BY DISTRICT 6 OPERATIONS. THE RESIDENT ENGINEER SHALL NOTIFY THE DISTRICT 6 TRAFFIC OPERATIONS ENGINEER OF ANY CONCERNS WITH THE EXISTING NO PASSING ZONES AT LEAST 14 DAYS PRIOR TO PLACEMENT OF FINAL PERMANENT PAVEMENT MARKING (PH: 217-785-5306).

1	COVER SHEET
2	INDEX OF SHEETS, LISTS OF STANDARDS, GENERAL NOTES AND COMMITMENTS
3 - 6	SUMMARY OF QUANTITIES (4)
7 - 10	SCHEDULE OF QUANTITIES (4)
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14	ALIGNMENTS, TIES, & BENCHMARKS
15 - 27	PLAN SHEETS (13)
28	PAVEMENT MARKING DETAILS
29	ADA SIDEWALK RAMP DETAILS
30 - 31	ENTRANCE AND SIDEROAD DETAILS (2)

STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C & D PATCHES
630001-13	STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS 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
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-06	SIDEWALK, CORNER, OR CROSSWALK CLOSURE
701901-09	TRAFFIC CONTROL DEVICES
725001-01	OBJECT AND TERMINAL MARKERS
780001-05	TYPICAL PAVEMENT MARKING
781001-04	TYPICAL APPLICATIONS OF RAISED REFLECTIVE PAVEMENT MARKINGS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
420001-10	PAVEMENT JOINTS
606201-01	TYPE B GUTTER (INLET, OUTLET AND ENTRANCE)
667101-02	PERMANENT SURVEY MARKERS

RATES OF APPLICATION TABLES

THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUANTITIES.

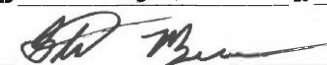
BITUMINOUS MATERIALS (TACK COAT): 0.05 LBS / SQ FT (FOR MILLING)
 0.025 LBS / FT (FOR LIFTS)
 HMA SURFACE MIX C / BINDER (112 LBS): 0.056 TON / SQ YD * in
 AGGREGATE MATERIALS: 1.60 TON / CU YD


COMMITMENTS

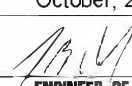
(NONE)

REV. - MS

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

EXAMINED August, 7 2023

 ENGINEER OF OPERATIONS

EXAMINED August, 10 2023

 ENGINEER OF PROJECT IMPLEMENTATION

EXAMINED October, 2 2023

 ENGINEER OF PROGRAM DEVELOPMENT

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS &
GENERAL NOTES**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
713	121RS-4	SCHUYLER	31	2
			CONTRACT NO. 72H58	
ILLINOIS FED. AID PROJECT				

6-00117-0000
80% FEDERAL
20% STATE
ROADWAY
0005
RURAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	
35800100	PREPARATION OF BASE	SQ YD	128	128
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	19	19
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	52,992	52,992
40600370	LONGITUDINAL JOINT SEALANT	FOOT	30,052	30,052
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1,016	1,016
40600990	TEMPORARY RAMP	SQ YD	186	186
40602965	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N50	TON	5,234	5,234
40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	6,283	6,283
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	457	457
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	146	146
42400800	DETECTABLE WARNINGS	SQ FT	18	18
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	63,173	63,173
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	14,259	14,259
44000400	GUTTER REMOVAL	FOOT	17	17

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PLOT DATE = 8/8/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NTS SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
713	121RS-4	SCHUYLER	31	3
			CONTRACT NO. 72H58	
			ILLINOIS FED. AID PROJECT	

6-00117-0000
80% FEDERAL
20% STATE
ROADWAY
0005
RURAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	
44000600	SIDEWALK REMOVAL	SQ FT	152	152
44200168	PAVEMENT PATCHING, TYPE II, 14 INCH	SQ YD	50	50
44200172	PAVEMENT PATCHING, TYPE III, 14 INCH	SQ YD	50	50
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	1,539	1,539
48203023	HOT-MIX ASPHALT SHOULDERS, 6 1/2"	SQ YD	117	117
48203100	HOT-MIX ASPHALT SHOULDERS	TON	232	232
60602800	CONCRETE GUTTER, TYPE B	FOOT	17	17
* 63000007	STEEL PLATE BEAM GUARDRAIL, TYPE B, 6 FOOT POSTS	FOOT	163	163
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	2
63200310	GUARDRAIL REMOVAL	FOOT	266	266
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6
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

* SPECIALTY ITEM

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PLOT DATE = 8/8/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NTS SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
713	121RS-4	SCHUYLER	31	4
			CONTRACT NO. 72H58	
			ILLINOIS FED. AID PROJECT	

6-00117-0000
 80% FEDERAL
 20% STATE
 ROADWAY
 0005
 RURAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	12,021	12,021
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1,002	1,002
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	2	2
* 78009005	MODIFIED URETHANE PAVEMENT MARKING - LINE 5"	FOOT	3,701	3,701
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	39	39
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	215	215
* 78001120	PAINT PAVEMENT MARKING - LINE 5"	FOOT	74,257	74,257
* 78003181	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - STANDARD - LINE 24"	FOOT	16	16
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	388	388
78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	4	4
78300200	RAISED REFLECTIVE PAVEMENT MARKING REMOVAL	EACH	388	388
X2020060	EXCAVATING AND GRADING EXISTING SHOULDER, (SPECIAL)	UNIT	3	3

* SPECIALTY ITEM

REV. - MS

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PLOT DATE = 10/11/2023	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NTS SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
713	121RS-4	SCHUYLER	31	5
			CONTRACT NO. 72H58	
ILLINOIS FED. AID PROJECT				

AGGREGATE WEDGE SHOULDER, TYPE B

TYP. SEC. #	LOCATION (STA TO STA) (T _{AVG} = 1.5") (W = 4") Coef. = 1.6 TONS / CU YD	LENGTH (FOOT)	WIDTH (FOOT)	(48102100)
				QUANTITY (TON)
[F.A.P. 713 (IL 101)]				
(1)	730+39.00 TO 733+37.11	298.11	8	17.67
(STA EQN #1):				
733+37.11 (BK) = 733+61.38 (AH)				
(2)	733+61.38 TO 751+80.80	1,819.42	8	107.82
(3)	751+80.80 TO 753+78.90 LT	198.10	4	5.87
(4)	758+54.00 TO 808+23.50	4,969.50	8	294.49
(5)	808+23.50 TO 810+86.00 LT	262.50	4	7.78
(6)	810+86.00 TO 938+52.70	12,766.70	8	796.55
(8)	969+27.50 TO 975+39.80 RT	612.30	4	18.14
(9)	975+39.80 TO 1009+86.83	3,447.03	8	204.27
(STA EQN #2):				
1009+86.83 (BK) = 1009+89.10 (AH)				
(10-12)	1009+89.10 TO 1031+16.80	2,127.70	8	126.09
(6-00117-0000) PROJECT TOTAL				1,539

AGGREGATE SHOULDERS (SPECIAL)

TYP. SEC. #	LOCATION (STA TO STA) (T _{AVG} = 4") Coef. = 1.6 TONS / CU YD	LENGTH (FOOT)	WIDTH (FOOT)	(X4811900)
				QUANTITY (TON)
[F.A.P. 713 (IL 101)]				
(STA EQN #1):				
733+37.11 (BK) = 733+61.38 (AH)				
(5)	808+23.50 TO 810+86.00 RT	262.50	3	15.56
(STA EQN #2):				
1009+86.83 (BK) = 1009+89.10 (AH)				
(6-00117-0000) PROJECT TOTAL				16

TEMPORARY RAMP

TYP. SEC. #	LOCATION (STA TO STA)	LENGTH (FOOT)	WIDTH (FOOT)	(40600990)
				QUANTITY (SQ YD)
[F.A.P. 713 (IL 101)]				
(1)	730+39.00 TO 730+44.00	5.0	22	12.22
(STA EQN #1):				
733+37.11 (BK) = 733+61.38 (AH)				
(STA EQN #2):				
1009+86.83 (BK) = 1009+89.10 (AH)				
(After Milling):				
(12)	1031+07.63 TO 1031+16.80	9.17	110.38	112.46
(After Bind Cse):				
(12)	1031+11.80 TO 1031+16.80	5.0	110.38	61.32
(6-00117-0000) PROJECT TOTAL				186

RAISED REFLECTIVE PAVEMENT MARKER SCHEDULE

TYP. SEC. #	LOCATION (STA TO STA) (T _{AVG} = 1.5") (W = 4") Coef. = 1.6 TONS / CU YD	LENGTH (FOOT)	(78100100)	(78300200)
			RAISED REFL PAVT MRK (EACH)	RAISED REF PVT MK REM (EACH)
[F.A.P. 713 (IL 101)]				
(1)	730+39.00 TO 733+37.11	298.11	5	5
(STA EQN #1):				
733+37.11 (BK) = 733+61.38 (AH)				
(2-9)	733+61.38 TO 1009+86.83	27,625.45	346	346
(STA EQN #2):				
1009+86.83 (BK) = 1009+89.10 (AH)				
(10-11)	1009+89.10 TO 1025+62.30	1,573.20	21	21
(12)	1025+62.30 TO 1031+16.80	554.50	16	16
(6-00117-0000) PROJECT TOTAL				388

SHORT-TERM PAVEMENT MARKING SCHEDULE

TYP. SEC. #	LOCATION (Ratio 1:10)	LENGTH (FOOT)	(70300100)	(70300150)
			SHORT-TERM PAVT MKING (FOOT)	SHRT TRM PAVT MK REM (SQ FT)
[F.A.P. 713 (IL 101)]				
(1)	730+39.00 TO 733+37.11	298.11	29.81	9.94
(STA EQN #1):				
733+37.11 (BK) = 733+61.38 (AH)				
(2-9)	733+61.38 TO 1009+86.83	27,625.45	2,762.55	920.85
(STA EQN #2):				
1009+86.83 (BK) = 1009+89.10 (AH)				
(10-12)	1009+89.10 TO 1031+16.80	2,127.70	212.77	70.92
Subtotal (After Milling) =			3,005.13	
Subtotal (After Lev Bind) =			3,005.13	
Subtotal (HMA Surf) =			6,010.25	
(6-00117-0000) PROJECT TOTAL				1,002

MILLING SCHEDULE

TYP SEC #	LOCATION (STA TO STA)	LENGTH (FOOT)	WIDTH (FOOT)	DEPTH (INCH)	(40600982)	(44000155)	(44000160)
					HMA SURF REM. BUTT JOINT (SQ YD)	HMA SURF REMOVAL 1 1/2" (SQ YD)	HMA SURF REMOVAL 2 3/4" (SQ YD)
[F.A.P. 713 (IL 101)]							
(1)	730+39.00 TO 733+37.11	298.11	22	1.5		728.71	
(STA EQN #1):							
733+37.11 (BK) = 733+61.38 (AH)							
(2)	733+61.38 TO 751+55.80	1,794.42	22	1.5		4,386.36	
(2)	751+55.80 TO 751+80.80	25.0	22	1.5 to 2.75			61.11
(3)	751+80.80 TO 753+78.90	198.10	25	2.75			550.28
(3)	753+78.90 TO 758+54.00	475.10	28	2.75			1,478.09
(4)	758+54.00 TO 758+79.00	25.0	22	2.75 to 1.5			61.11
(4-6)	758+79.00 TO 938+27.70	17,948.70	22	1.5		43,874.60	
(6)	938+27.70 TO 938+52.70	25.0	22	1.5 to 2.75			61.11
(7)	938+52.70 TO 969+27.50	3,074.80	28	2.75			9,566.04
(8)	969+27.50 TO 975+39.80	612.30	25	2.75			1,700.83
(9)	975+39.80 TO 975+64.80	25.0	22	2.75 to 1.5			61.11
(9)	975+64.80 TO 1009+86.83	3,422.03	22	1.5		8,364.96	
(STA EQN #2):							
1009+86.83 (BK) = 1009+89.10 (AH)							
(10)	1009+89.10 TO 1019+53.30 RT	964.20	22	1.5		2,356.93	
(11)	1019+53.30 TO 1025+62.30 LT	609.0	22 to 30	1.5		1,759.33	
(12)	1025+62.30 TO 1030+00.00	437.70	30 to 40	1.5		1,702.17	
(12)	1030+00.00 TO 1030+25.00	A = 1,000.25 SQ FT		1.5 to 2.75			111.14
(12)	1030+25.00 TO 1031+16.80	A = 5,471.23 SQ FT		2.75			607.91
INCIDENTAL HMA SURFACING							
HMA ENTR						679.11	
SIDE RDS						336.00	
(6-00117-0000) PROJECT TOTAL					1,016	63,173	14,259

GUARDRAIL SCHEDULE

TYP SEC #	LOCATION	LENGTH (FOOT)	(63200310)	(63100167)	(63000007)	(78200005)	(72501000)
			GUARDRAIL REMOV (FOOT)	TR BAR TRM T1 SPL TAN (EACH)	SPBGR TY B 6FT POSTS (FOOT)	GRDRAIL REF TYPE A (EACH)	TERMINAL MARKER - DA (EACH)
[F.A.P. 713 (IL 101)]							
(STA EQN #1):							
733+37.11 (BK) = 733+61.38 (AH)							
(5)	808+23.50 TO 808+23.50 RT						1
(5)	808+23.50 TO 808+73.50 RT	50.0		1			
(5)	808+23.50 TO 810+86.00 RT	262.50				4	
(5-6)	808+28.40 TO 810+93.70 RT	265.30	265.30				
(5)	808+73.50 TO 810+36.00 RT	162.50			162.50		
(5)	810+36.00 TO 810+86.00 RT	50.0		1			
(5)	810+86.00 TO 810+86.00 RT						1
(STA EQN #2):							
1009+86.83 (BK) = 1009+89.10 (AH)							
(6-00117-0000) PROJECT TOTAL			266	2	163	4	2

MODEL: P:\default...
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 PROJECT: 121117-0000...
 OFFICE: 121117-0000...
 DATE: 8/8/2023

USER NAME = Rene.Cabrera	DESIGNED - RSC	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/8/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: NTS SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
713	121RS-4	SCHUYLER	31	7
CONTRACT NO. 72H58			ILLINOIS FED. AID PROJECT	

REV. - MS

ADA RAMP SCHEDULE

LOCATION (ADA RAMPS)	(44000600)	(X4240420)	(42400800)	(44000400)	(60602800)
	SIDEWALK REM	PC CONC SIDEWALK 4 INCH SP	DETECTABLE WARNINGS	GUTTER REM	CONC GUTTER TY B
	(SQ FT)	(SQ FT)	(SQ FT)	(FOOT)	(FOOT)
[F.A.P. 713 (IL 101)]					
(LITTLETON)					
(Main St. - Sta 954+57.98 LT)					
NE QUAD	99.85	133.41	10		
(Main St. - Sta 954+83.00 RT)					
SE QUAD	51.75	66.18	8		
955+22.30 TO 955+31.30 LT				9.0	9.0
955+22.45 TO 955+30.45 RT				8.0	8.0
(6-60117-0000) PROJECT TOTAL	152	200	18	17	17

PAVEMENT SCHEDULE

TYP SEC #	LOCATION (STA TO STA)	LENGTH (FOOT)	WIDTH (FOOT)	THICKNESS (INCH)	SHOULDER THICKNESS (INCH)	(40604050)	(40600370)	(40602965)	(48203100)	(48203023)	(X2020060)	(40600290)		
						HMA SC IL-9.5 "C" N50 (TON)	LONG JOINT SEALANT (FOOT)	HMA BC IL-9.5FG N50 (TON)	HMA SHLDRS (TON)	HMA SHLDRS 6 1/2" (SQ YD)	EXC & GR EX SHLD SPL (UNIT)	BIT MATLS TACK CT		
											MILLING (POUND)	LIFTS (POUND)		
	[F.A.P. 713 (IL 101)]													
(1)	730+39.00 TO 730+64.00	25.0	22	0 to 1.25				2.14				27.50		
(1)	730+64.00 TO 733+37.11	273.11	22	1.25				46.73				300.42		
(1)	730+39.00 TO 733+37.11	298.11	22	1.5		61.21	298.11						163.96	
	(STA EQN #1): 733+37.11 (BK) = 733+61.38 (AH)													
(2-9)	733+61.38 TO 1009+86.83	27,625.45	22	1.25				4,727.02				30,388.00		
(2-9)	733+61.38 TO 1009+86.83	27,625.45	22	1.5		5,672.43	27,625.45						15,194.00	
(3)	751+80.80 TO 753+78.90 RT	198.10	3		1.5				5.55			29.71	29.71	
(3)	753+78.90 TO 758+54.00	475.10	6		1.5				26.61			142.53	142.53	
(5)	808+23.50 TO 810+86.00 RT	262.50	4		1.5				9.80			52.50	52.50	
(5)	808+23.50 TO 810+86.00 RT	262.50	4		6.5					116.67	3		26.25	
(7)	938+52.70 TO 969+27.50	3,074.80	6		1.5				172.19			922.44	922.44	
(8)	969+27.50 TO 975+39.80 LT	612.30	3		1.5				17.14			91.85	91.85	
	(STA EQN #2): 1009+86.83 (BK) = 1009+89.10 (AH)													
(10)	1009+89.10 TO 1019+53.30	964.20	22	1.25				164.99				1,060.62		
(10)	1009+89.10 TO 1019+53.30	964.20	22	1.5		197.98	964.20						530.31	
(11)	1019+53.30 TO 1025+62.30	609.0	22 to 30	1.25				123.15				791.70		
(11)	1019+53.30 TO 1025+62.30	609.0	22 to 30	1.5		147.78	609.00						395.85	
(12)	1025+62.30 TO 1030+00.00	437.70	30 to 40	1.25				119.15				765.97		
(12)	1025+62.30 TO 1030+00.00	437.70	30 to 40	1.5		142.98	437.70						382.99	
(12)	1030+00.00 TO 1030+45.00	A = 1,819.43 SQ FT		1.25				14.15				90.97		
(12)	1030+00.00 TO 1030+45.00	A = 1,819.43 SQ FT		1.5		16.98	45.0						45.49	
(12)	1030+45.00 TO 1031+16.80	A = 4,660.21 SQ FT		1.25				36.25				233.01		
(12)	1030+45.00 TO 1031+16.80	A = 4,660.21 SQ FT		1.5		43.50	71.80						116.51	
(SUBTOTALS)														
(6-60117-0000) PROJECT TOTAL						6,283	30,052	5,234	232	117	3		34,897.22	18,094.38

D672H58 Section Corners NAD83/1997

POINT#	CORNER	EXISTING MONUMENT	STATION	OFFSET	NORTHING	EASTING	TYPE	ALIGNMENT
1010	N.W. cor. Section 24, R3N, R3W, 4TH P.M. Schuyler Co.	Brass Disc	741+81.51	0.284 Rt	1299890.981	2148513.930	1	IL101C
1019	N1/4 cor. Section 24, R3N, R3W, 4TH P.M. Schuyler Co.	Brass Disc	767+96.76	5.396 Rt	1299796.188	2151127.474	1	IL101C
1055	S.W. cor. Section 17, R3N, R2W, 4TH P.M. Schuyler Co.	Brass Disc	844+98.83	13.497 Rt	1299818.652	2158827.641	1	IL101C
1065	S1/4 cor. Section 17, R3N, R2W, 4TH P.M. Schuyler Co.	Brass Disc	871+72.39	5.002 Rt	1299683.990	2151497.665	1	IL101C
1087	N1/4 cor. Section 21, R3N, R2W, 4TH P.M. Schuyler Co.	5/8" Iron Pin w Cap	925+21.41	14.082 Rt	1299506.765	2156843.643	1	IL101C
1100	S.W. cor. Section 15, R3N, R2W, 4TH P.M. Schuyler Co.	Brass Disc	951+91.92	0.873 Rt	1299464.620	2159513.825	1	IL101C
1121	N1/4 cor. Section 22, R3N, R2W, 4TH P.M. Schuyler Co.	Brass Disc	978+35.02	7.931 Rt	1299516.768	2172156.394	1	IL101C
1134	N.E. cor. Section 22, R3N, R2W, 4TH P.M. Schuyler Co.	5/8" Iron Pin w Cap	1004+77.88	3.022 Lt	1299569.912	2174798.740	1	IL101C
1140	N1/4 cor. Section 23, R3N, R2W, 4TH P.M. Schuyler Co.	5/8" Iron Pin w Cap	827+68.68	0.005 Lt	1299519.596	2177472.946	1	US67

D672H58 Control Points NAD83/1997

Control Point Number	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET	CHAIN
547	1299558.833	2177075.395	#4 Rebar w/ cap	1027+56.58	31.679 Lt	IL101
1100	1299464.620	2169513.825	Brass Disc	951+91.92	0.873 Rt	IL101C

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NTS SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
713	121RS-4	SCHUYLER	31	8
CONTRACT NO. 72H58				
ILLINOIS FED. AID PROJECT				

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USER NAME = Rene.Cabrera	DESIGNED - RSC	REVISED -
	DRAWN - RSC	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/18/2023	DATE -	REVISED -

INCIDENTAL HOT-MIX ASPHALT SURFACING & AGGREGATE SURFACE COURSE, TYPE B

DESCRIPTION	STATION	fr. E.O.P.	WIDTH	THICKNESS	EXIST WIDTH	ENTR.				SIDE RD.		(40800050)	(40800029)	(40200800)	(35800100)
						Exist AGG.		Exist BIT.				INCIDENTAL	BIT MATLS	AGG SURF	PREP
						AREA	TOTAL	AREA	TOTAL	AREA	TOTAL	HMA SURF	TACK CT	CSE, TY B	OF BASE
						(SQ FT)	(TON)	(SQ FT)	(TON)	(SQ FT)	(TON)	(TON)	(POUND)	(TON)	(SQ YD)
LIMITS OF IMPROVEMENT:	730+39.00														
SECTION BEGINS	730+64.00														
(STA EQN #1):	733+61.38 (BK)														
	733+37.11 (AH)														
Freeman Mine Rd.	741+55.12 (LT)	9	80	2.75 to 1.5						801.00	10.59	10.59	40.05		
HMA PE (w/ MBT) (leading)	747+40.40 RT	7	40	2.75 to 1.5	10			367.50	4.86			4.86	18.38	1.07	
AGG PE	765+81.70 LT	7	22	3.5	11	203.00	4.42					4.42		1.10	22.56
HMA MBT	767+04.80 RT	7	20	2.75 to 1.5				294.00	3.89			3.89	14.70		
HMA PE	767+07.50 LT	10	18	2.75 to 1.5				280.00	3.70			3.70	14.00		
AGG PE	777+08.40 LT	7	40	3.5	22	329.00	7.16					7.16		2.07	36.56
AGG PE	778+42.20 LT	7	39	3.5	21	322.00	7.01					7.01		2.00	35.78
HMA PE	779+58.10 LT	9	12	2.75 to 1.5	12			189.00	2.50			2.50	9.45	0.62	
AGG MBT	780+32.80 RT	7	20	3.5		294.00	6.40					6.40			32.67
HMA PE	781+04.50 LT	8	26	2.75 to 1.5				272.00	3.60			3.60	13.60		
HMA PE (w/ MBT) (leading)	791+60.60 RT	7	44	2.75 to 1.5	17			395.50	5.23			5.23	19.78	1.33	
Fulks Ln.	793+71.06 (LT)	9	24	2.75 to 1.5	12					297.00	3.93	3.93	14.85	0.93	
HMA PE	806+25.30 LT	10	23	2.75 to 1.5	15			330.00	4.36			4.36	16.50	0.84	
HMA PE	808+12.30 LT	8	23	2.75 to 1.5	12			248.00	3.28			3.28	12.40	1.04	
HMA MBT	812+83.50 RT	7	20	2.75 to 1.5				294.00	3.89			3.89	14.70		
HMA PE	812+94.20 LT	8	23	2.75 to 1.5	15			248.00	3.28			3.28	12.40	1.13	
HMA PE	824+49.50 RT	7	25	2.75 to 1.5	11			224.00	2.96			2.96	11.20	1.20	
HMA PE	831+71.20 LT	8	27	2.75 to 1.5				280.00	3.70			3.70	14.00		
HMA MBT	832+13.70 RT	7	20	2.75 to 1.5				294.00	3.89			3.89	14.70		
White Frame Rd.	844+97.87 (RT)	9	45	2.75 to 1.5						486.00	6.43	6.43	24.30		
Bartlow Rd.	871+72.65 (RT)	9	41	2.75 to 1.5						450.00	5.95	5.95	22.50		
TR 1350E (Doddsville Rd.)	871+72.65 (LT)	9	61	2.75 to 1.5						630.00	8.33	8.33	31.50		
HMA MBT	891+58.30 LT	7	20	2.75 to 1.5				189.00	2.50			2.50	9.45		
HMA PE	891+98.40 RT	9	31	2.75 to 1.5	17			360.00	4.76			4.76	18.00	1.24	
Thompson Cemetery Rd.	898+46.84 (RT)	10	26	2.75 to 1.5						360.00	4.76	4.76	18.00		
HMA MBT	913+21.80 LT	7	20	2.75 to 1.5				189.00	2.50			2.50	9.45		
HMA PE	913+25.80 RT	9	27	2.75 to 1.5	15			324.00	4.28			4.28	16.20	1.09	
Public St. (Conc Gutter)	954+57.98 (LT)	(No Work)													
Main St. (Conc Gutter)	954+57.98 (LT)	(No Work)													
Main St. (Conc Gutter)	954+83.00 (RT)	(No Work)													
Center St. (Conc Gutter)	959+42.60 (RT)	(No Work)													
(Townhall St.) (Conc Gutter)	963+81.96 (RT)	(No Work)													
(Park St.) (Conc Gutter)	968+82.14 (RT)	(No Work)													
HMA CE	975+95.10 LT	11	34	2.75 to 1.5	24			495.00	6.55			6.55	24.75	1.07	
HMA CE	977+94.00 LT	11	35	2.75 to 1.5	25			506.00	6.69			6.69	25.30	1.11	
HMA CE	987+01.80 LT	9	28	2.75 to 1.5	17			333.00	4.40			4.40	16.65	1.17	
(STA EQN #2):	1009+86.83 (BK)														
	1009+89.10 (AH)														
SECTION ENDS	1031+16.80														
LIMITS OF IMPROVEMENT:	1031+16.80														
SUBTOTALS								1,148.00	25.00	6,112.00	80.81	3,024.00	39.98		
(6-00117-0000) PROJECT TOTAL												146	457	19	128

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 OFFICE: 10672158...
 USER: Rene.Cabrera

USER NAME = Rene.Cabrera
 PLOT SCALE = 100,0000' / in.
 PLOT DATE = 8/8/2023

DESIGNED - RSC
 DRAWN - RSC
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

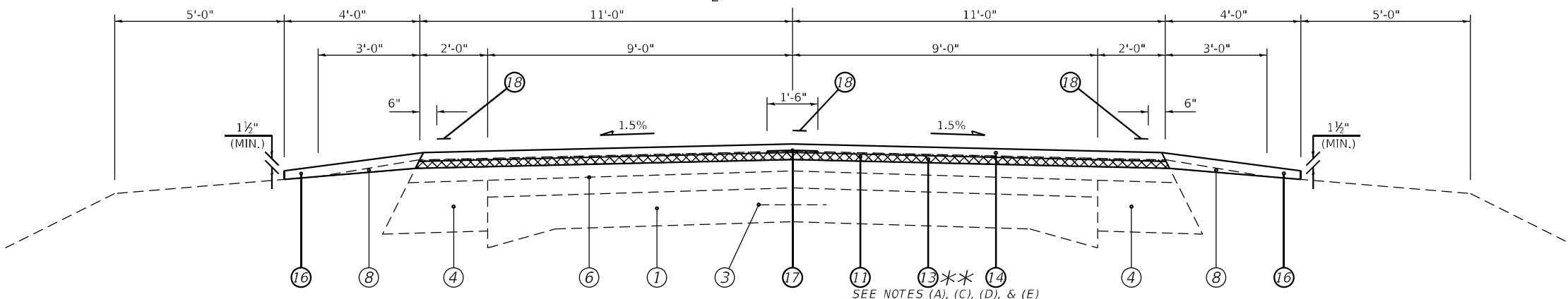
SCHEDULE OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
713	121RS-4	SCHUYLER	31	10
CONTRACT NO. 72H58				
ILLINOIS FED. AID PROJECT				

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☐ F.A.P. 713 (IL 101)



LEGEND

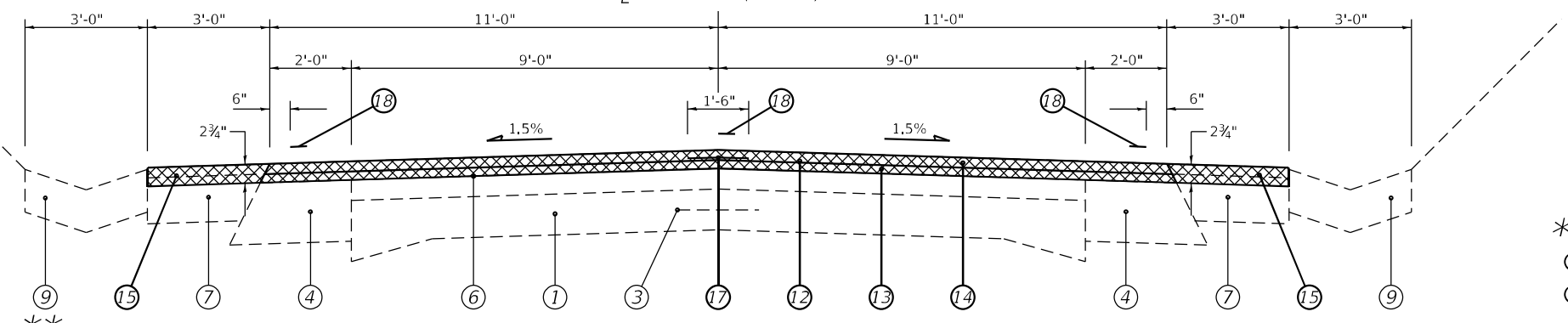
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②	EXIST. P.C.C. PAVEMENT 9"
③	EXIST. LONGITUDINAL METAL JOINT
④	EXIST. BITUMINOUS BASE COURSE WIDENING 9"
⑤	EXIST. PCC BASE COURSE 9"
⑥	EXIST. BITUMINOUS OVERLAY
⑦	EXIST. BITUMINOUS SHOULDERS 8"
⑧	EXIST. AGGREGATE SHOULDER, TYPE B
⑨	EXIST. CONCRETE GUTTER, TYPE A (MODIFIED)
⑩	EXIST. CONCRETE GUTTER, TYPE B (MODIFIED)
⑪	PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
⑫	PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"
⑬	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N50 1 1/4"
⑭	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50 1 1/2"
⑮	HOT-MIX ASPHALT SHOULDERS (TON)
⑮A	HOT-MIX ASPHALT SHOULDERS, 6 1/2"
⑯	PROP. AGGREGATE WEDGE SHOULDER, TYPE B
⑯A	PROP. AGGREGATE SHOULDERS (SPECIAL)
⑰	PROP. LONGITUDINAL JOINT SEALANT <small>(INSTALLED BETWEEN BIND & SURF CSE)</small>
⑱	PAINT PAVEMENT MARKING - LINE 5"
⑲	MODIFIED URETHANE PAVEMENT MARKING - LINE 5"
⑳	PROP. STEEL PLATE BEAM GUARDRAIL, TYPE B, 6 FOOT POSTS

(STA EQN #2):
 $\frac{\text{STA } 1009+86.83 \text{ (BK)}}{\text{STA } 1009+89.10 \text{ (AH)}}$

(STA EQN #1):
 $\frac{\text{STA } 733+37.11 \text{ (BK)}}{\text{STA } 733+61.38 \text{ (AH)}}$

- SEE NOTES (A), (C), (D), & (E)
- (1) STA 730+39.00 TO 733+37.11 (BK) [298.11']
 - ** SEE NOTE (A) (2) STA 733+61.38 (AH) TO 751+80.80 [1,819.42']
 - ** SEE NOTE (C) (4) STA 758+54.00 TO 808+23.50 [4,969.50']
 - ** SEE NOTE (D) (6) STA 810+86.00 TO 938+52.70 [12,766.70']
 - ** SEE NOTE (E) (9) STA 975+39.80 TO 1009+86.83 (BK) [3,447.03']
 - (10) STA 1009+89.10 (AH) TO 1019+53.30 [964.20']

☐ F.A.P. 713 (IL 101)

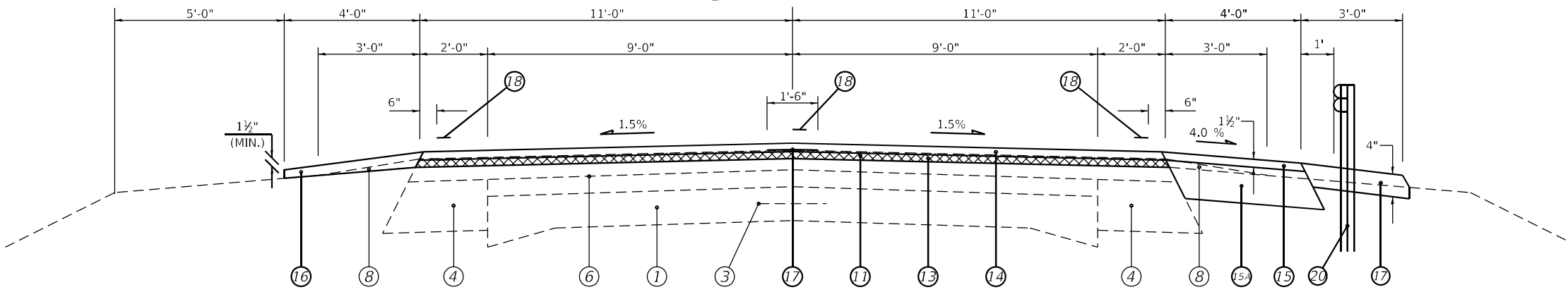


** SEE NOTE (B)

(3) STA 751+80.80 TO 758+54.00 [673.20']

- ** NOTES:
- ④ THICKNESS VAR. FR. 1 1/2" TO 2 3/4" FR. STA 751+55.80 TO 751+80.80.
 - ⑤ PROP. AGG WEDGE SHLDR SHLDR ENDS AND EXIST. CONC GUTTER, TY A (MOD) BEGINS AT STA 753+78.90 LT.
 - ⑥ THICKNESS VAR. FR. 2 3/4" TO 1 1/2" FR. STA 758+54.00 TO 758+79.00.
 - ⑦ THICKNESS VAR. FR. 1 1/2" TO 2 3/4" FR. STA 938+27.70 TO 938+52.70.
 - ⑧ THICKNESS VAR. FR. 2 3/4" TO 1 1/2" FR. STA 975+39.80 TO 975+64.80.

☐ F.A.P. 713 (IL 101)



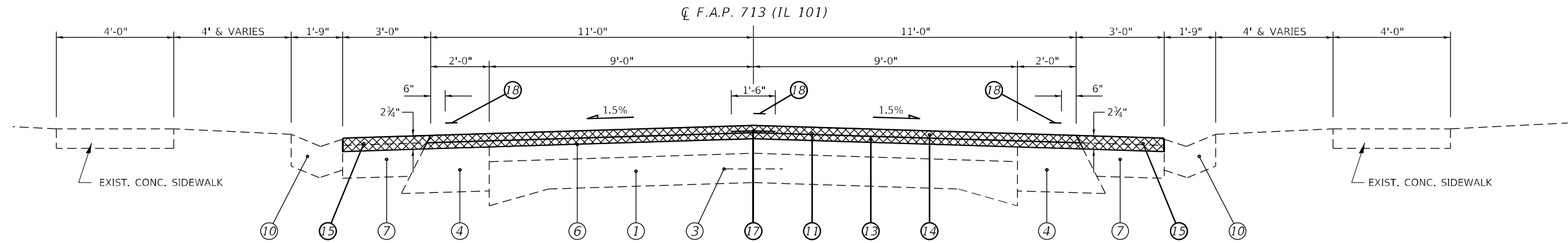
(5) STA 808+23.50 TO 810+86.00 [262.50']

USER NAME = Rene.Cabrera	DESIGNED - RSC	REVISED -
	DRAWN - RSC	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/25/2023	DATE -	REVISED -

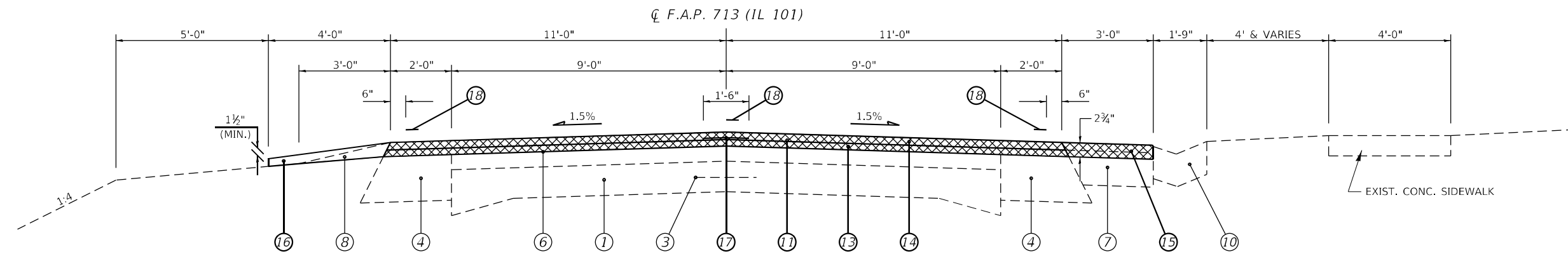
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
 SCALE: NTS SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
713	121RS-4	SCHUYLER	31	11
CONTRACT NO. 72H58				
ILLINOIS FED. AID PROJECT				



(7) STA 938+52.70 TO 969+27.50 [3,074.80']



(8) STA 969+27.50 TO 975+39.80 [612.30']

LEGEND	
①	EXIST. P.C.C. PAVEMENT 9"-6"-9"
②	EXIST. P.C.C. PAVEMENT 9"
③	EXIST. LONGITUDINAL METAL JOINT
④	EXIST. BITUMINOUS BASE COURSE WIDENING 9"
⑤	EXIST. PCC BASE COURSE 9"
⑥	EXIST. BITUMINOUS OVERLAY
⑦	EXIST. BITUMINOUS SHOULDERS 8"
⑧	EXIST. AGGREGATE SHOULDER, TYPE B
⑨	EXIST. CONCRETE GUTTER, TYPE A (MODIFIED)
⑩	EXIST. CONCRETE GUTTER, TYPE B (MODIFIED)
⑪	PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
⑫	PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"
⑬	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N50 1 1/4"
⑭	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50 1 1/2"
⑮	HOT-MIX ASPHALT SHOULDERS (TON)
⑮A	HOT-MIX ASPHALT SHOULDERS, 6 1/2"
⑯	PROP. AGGREGATE WEDGE SHOULDER, TYPE B
⑯A	PROP. AGGREGATE SHOULDERS (SPECIAL)
⑰	PROP. LONGUTUDINAL JOINT SEALANT (INSTALLED BETWEEN BIND & SURF CSE)
⑱	PAINT PAVEMENT MARKING - LINE 5"
⑲	MODIFIED URETHANE PAVEMENT MARKING - LINE 5"
⑳	PROP. STEEL PLATE BEAM GUARDRAIL, TYPE B, 6 FOOT POSTS

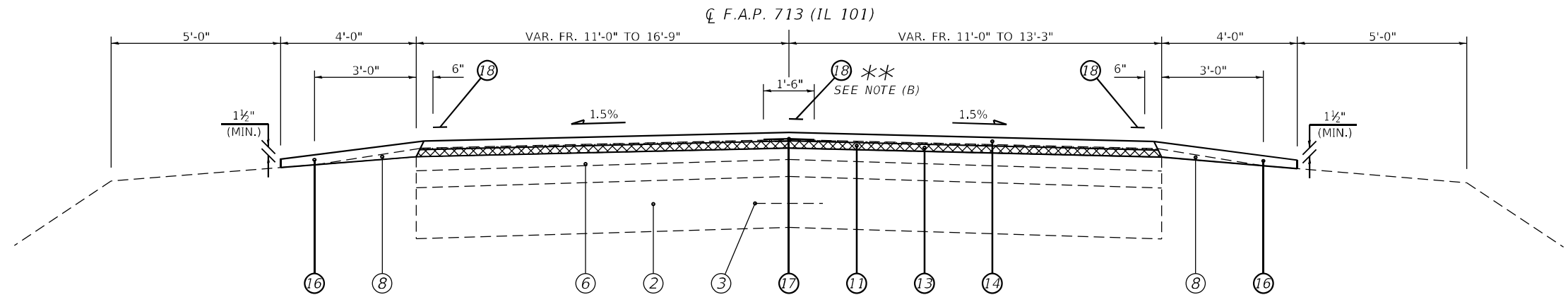
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 PLOT SCALE = 100,0000' / in.
 PLOT DATE = 8/25/2023

USER NAME = Rene.Cabrera	DESIGNED - RSC	REVISED -
	DRAWN - RSC	REVISED -
	CHECKED -	REVISED -
	DATE -	REVISED -

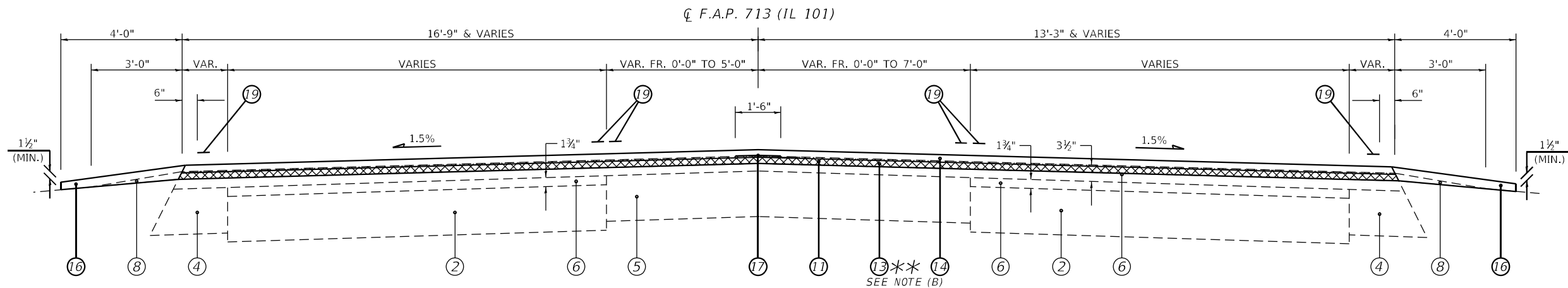
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS	
SCALE: NTS	SHEET 2 OF 3 SHEETS
STA. 938+52.70 TO STA. 975+39.80	

F.A.P. RTE. 713	SECTION 121RS-4	COUNTY	TOTAL SHEETS 31	SHEET NO. 12
CONTRACT NO. 72H58			ILLINOIS FED. AID PROJECT	



(11) STA 1019+53.30 TO 1025+62.30 [609.0']



(12) STA 1025+62.30 TO 1031+16.80 [554.50']

**** NOTE:**

- (A) PAINT ENDS AND MODIFIED URETHANE PAVT MRKG BEGINS AT STA 1025+00.00
- (B) THICKNESS VAR. FR. 1 1/2" TO 2 3/4" FR. STA 1030+00.00 TO 1030+25.00. AND 23#4" FR. STA 1030+25.00 TO 1031+16.80.

LEGEND	
① EXIST. P.C.C. PAVEMENT 9"-6"-9"	⑪ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
② EXIST. P.C.C. PAVEMENT 9"	⑫ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"
③ EXIST. LONGITUDINAL METAL JOINT	⑬ HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N50 1 1/4"
④ EXIST. BITUMINOUS BASE COURSE WIDENING 9"	⑭ HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50 1 1/2"
⑤ EXIST. PCC BASE COURSE 9"	⑮ HOT-MIX ASPHALT SHOULDERS (TON)
⑥ EXIST. BITUMINOUS OVERLAY	⑮A HOT-MIX ASPHALT SHOULDERS, 6 1/2"
⑦ EXIST. BITUMINOUS SHOULDERS 8"	⑯ PROP. AGGREGATE WEDGE SHOULDER, TYPE B
⑧ EXIST. AGGREGATE SHOULDER, TYPE B	⑯A PROP. AGGREGATE SHOULDERS (SPECIAL)
⑨ EXIST. CONCRETE GUTTER, TYPE A (MODIFIED)	⑰ PROP. LONGUTUDINAL JOINT SEALANT (INSTALLED BETWEEN BIND & SURF CSE)
⑩ EXIST. CONCRETE GUTTER, TYPE B (MODIFIED)	⑱ PAINT PAVEMENT MARKING - LINE 5"
	⑲A MODIFIED URETHANE PAVEMENT MARKING - LINE 5"
	⑳ PROP. STEEL PLATE BEAM GUARDRAIL, TYPE B, 6 FOOT POSTS

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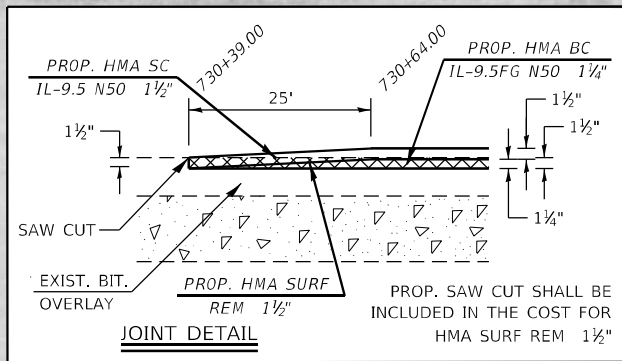
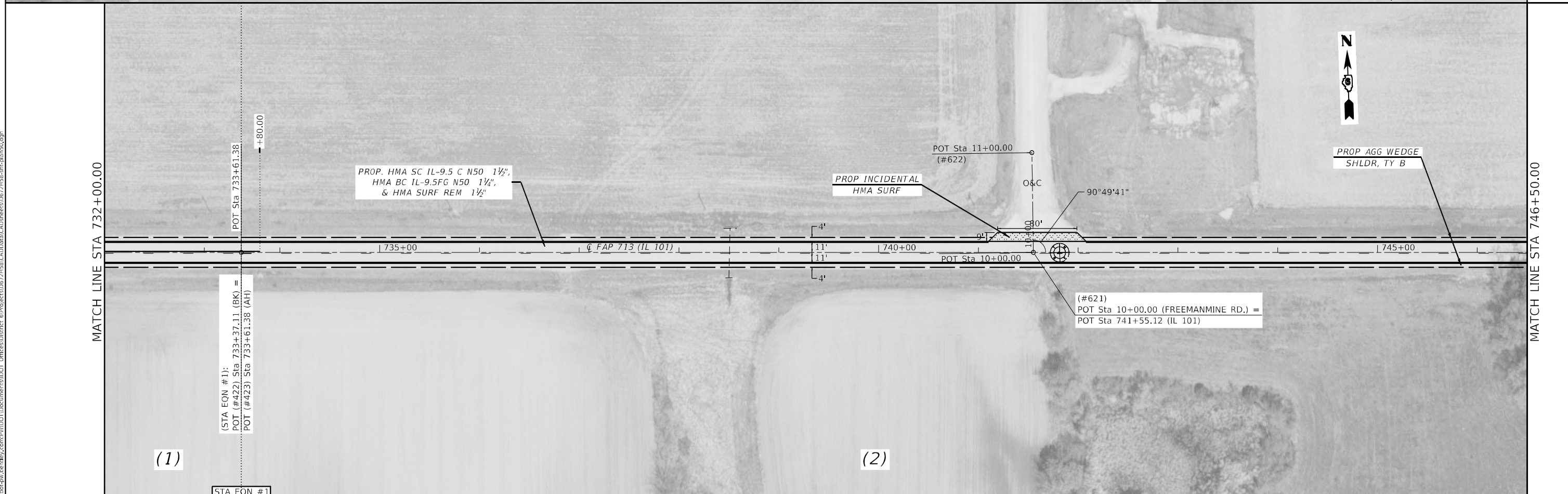
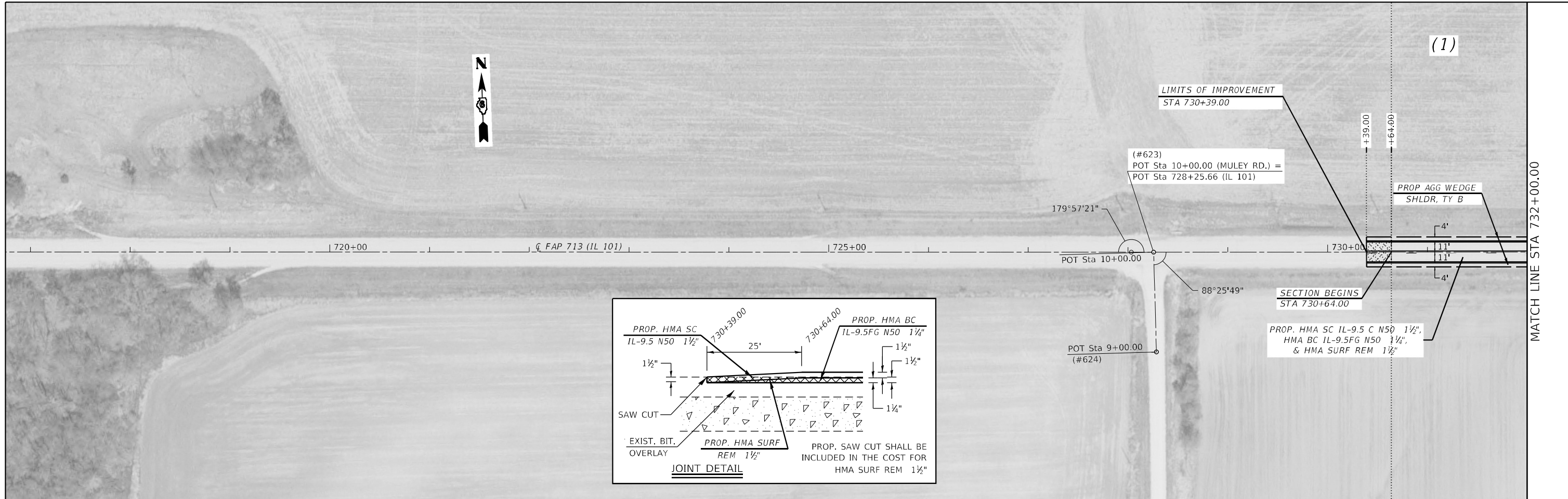
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PLOT DATE = 8/25/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: NTS SHEET 3 OF 3 SHEETS STA. 1019+53.30 TO STA. 1031+31.80

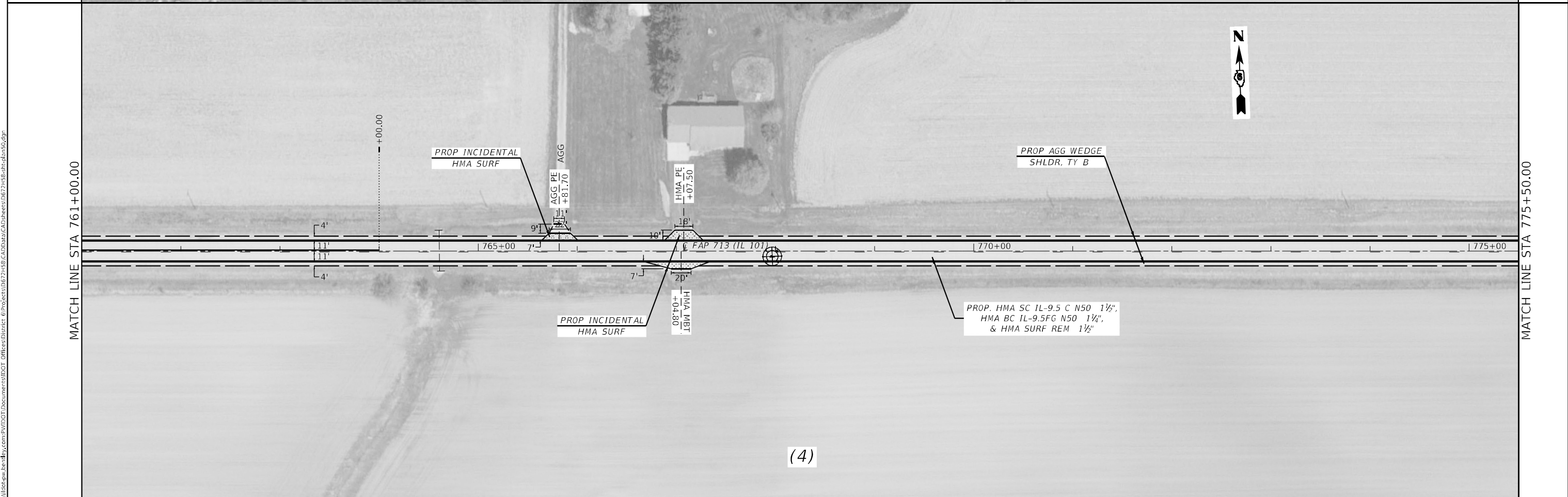
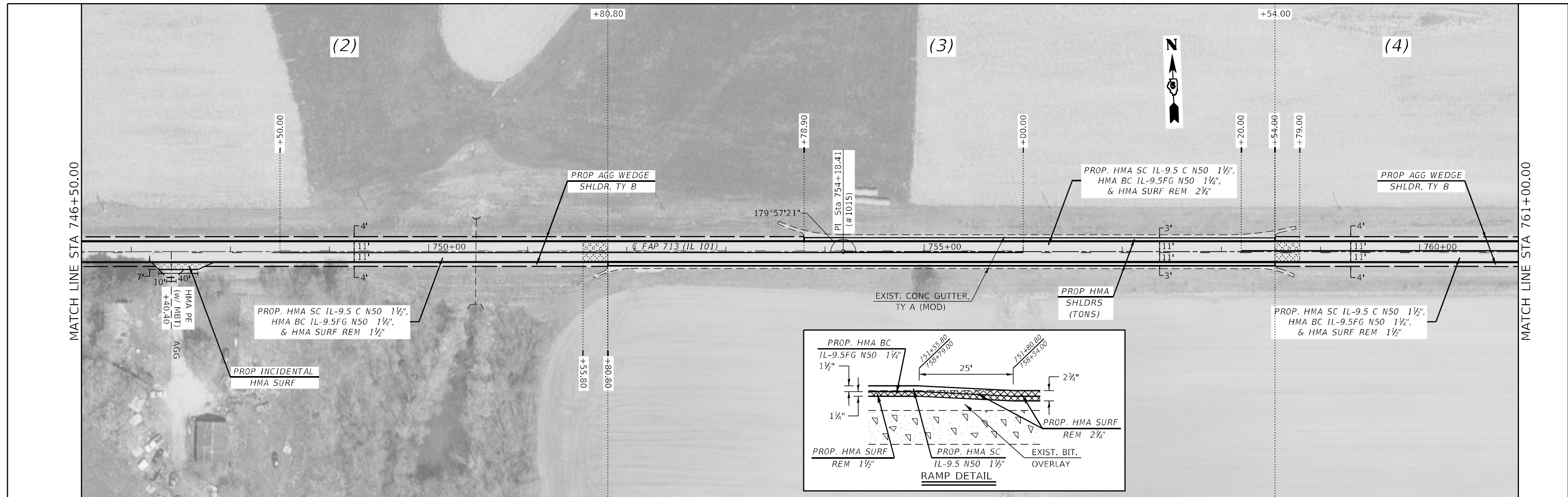
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
713	121RS-4		31	13
CONTRACT NO. 72H58				
ILLINOIS FED. AID PROJECT				



USER NAME = Rene.Cabrera	DESIGNED - MDO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEETS		F.A.P. RTE. 713	SECTION 121RS-4	COUNTY SCHUYLER	TOTAL SHEETS 31	SHEET NO. 15	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -		SCALE: 50	SHEET 1 OF 13 SHEETS	STA. 716+75.00 TO STA. 746+50.00	CONTRACT NO. 72H58		ILLINOIS FED. AID PROJECT		
PLOT DATE = 7/27/2023	DATE -	REVISED -									

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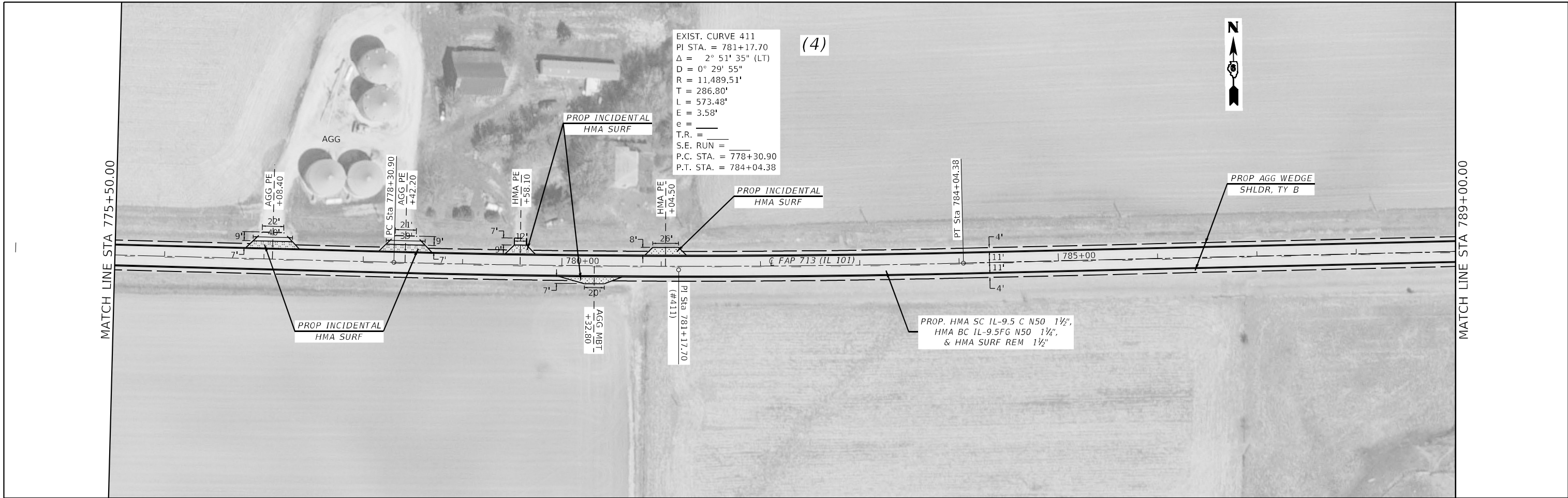
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PLOT DATE = 7/27/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS			
SCALE: 50	SHEET 2 OF 13 SHEETS	STA. 746+50.00 TO STA. 775+50.00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
713	121RS-4	SCHUYLER	31	16
CONTRACT NO. 72H58			ILLINOIS FED. AID PROJECT	

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DRAWN - RSC	REVISED -	
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PLOT DATE = 7/27/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS		
SCALE: 50	SHEET 3 OF 13 SHEETS	STA. 775+50.00 TO STA. 803+00.00

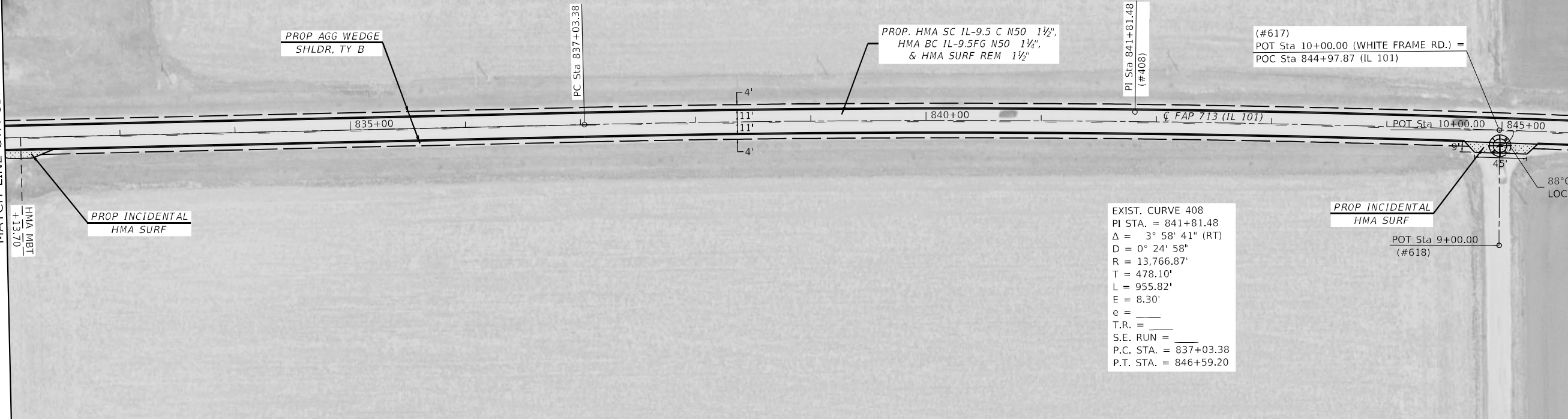
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ILLINOIS FED. AID PROJECT			CONTRACT NO. 72H58	

(6)



MATCH LINE STA 832+00.00

MATCH LINE STA 846+00.00



EXIST. CURVE 408
 PI STA. = 841+81.48
 Δ = 3° 58' 41" (RT)
 D = 0° 24' 58"
 R = 13,766.87'
 T = 478.10'
 L = 955.82'
 E = 8.30'
 e = _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 837+03.38
 P.T. STA. = 846+59.20

(6)



MATCH LINE STA 846+00.00

MATCH LINE STA 861+00.00



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PROJECT: 72H58_IL101_CAD_Plan_Sheets.dwg

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DRAWN - RSC	REVISIONS -	
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PLOT DATE = 7/27/2023	DATE -	REVISIONS -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

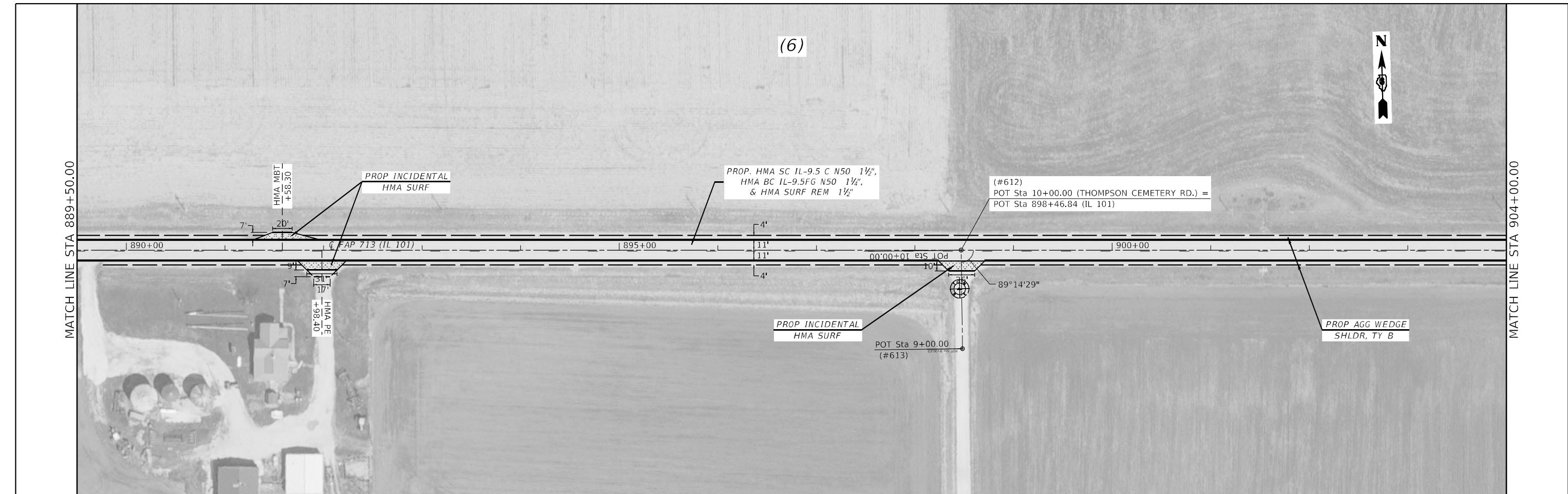
PLAN SHEETS	
SCALE: 50	SHEET 5 OF 13 SHEETS
STA. 832+00.00 TO STA. 861+00.00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
713	121RS-4	SCHUYLER	31	19
CONTRACT NO. 72H58				
ILLINOIS FED. AID PROJECT				

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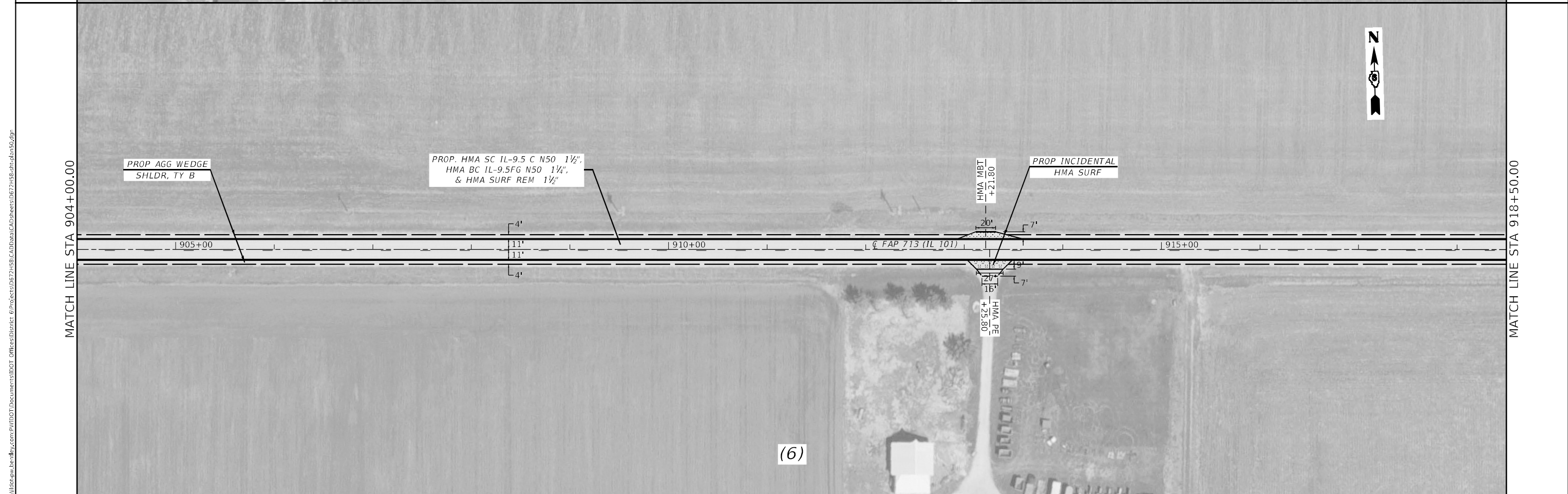
MATCH LINE STA 889+50.00

MATCH LINE STA 904+00.00



MATCH LINE STA 904+00.00

MATCH LINE STA 918+50.00



USER NAME = Rene.Cabrera	DESIGNED - MDO	REVISED -
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PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/27/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS	
SCALE: 50	SHEET 7 OF 13 SHEETS
STA. 889+50.00 TO STA. 918+50.00	

F.A.P. RTE. 713	SECTION 121RS-4	COUNTY SCHUYLER	TOTAL SHEETS 31	SHEET NO. 21
CONTRACT NO. 72H58			ILLINOIS FED. AID PROJECT	

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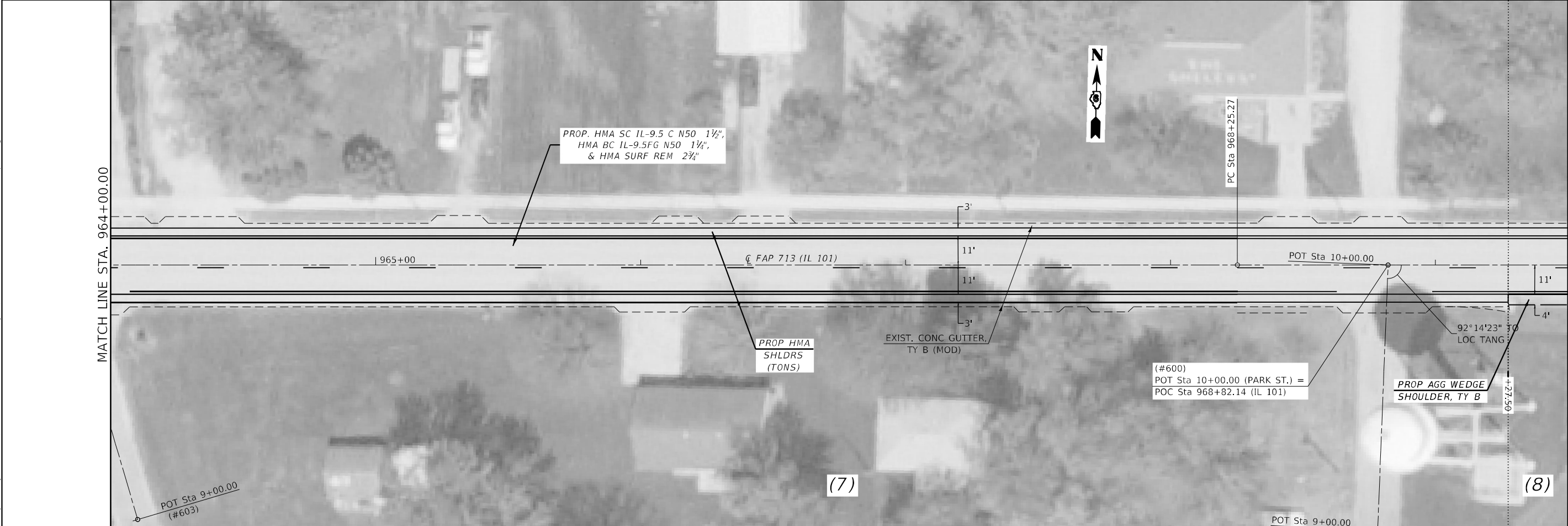
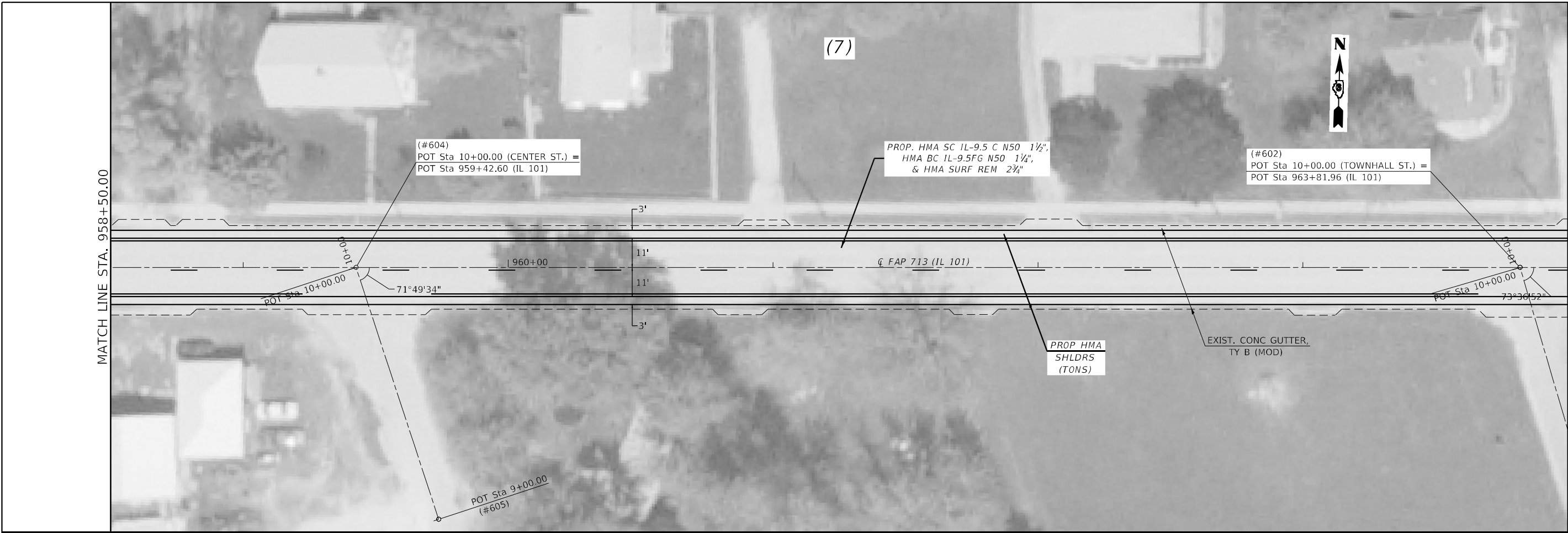
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

SCALE: 50 SHEET 8 OF 13 SHEETS STA. 918+50.00 TO STA. 947+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
713	121RS-4	SCHUYLER	31	22
CONTRACT NO. 72H58				
ILLINOIS FED. AID PROJECT				

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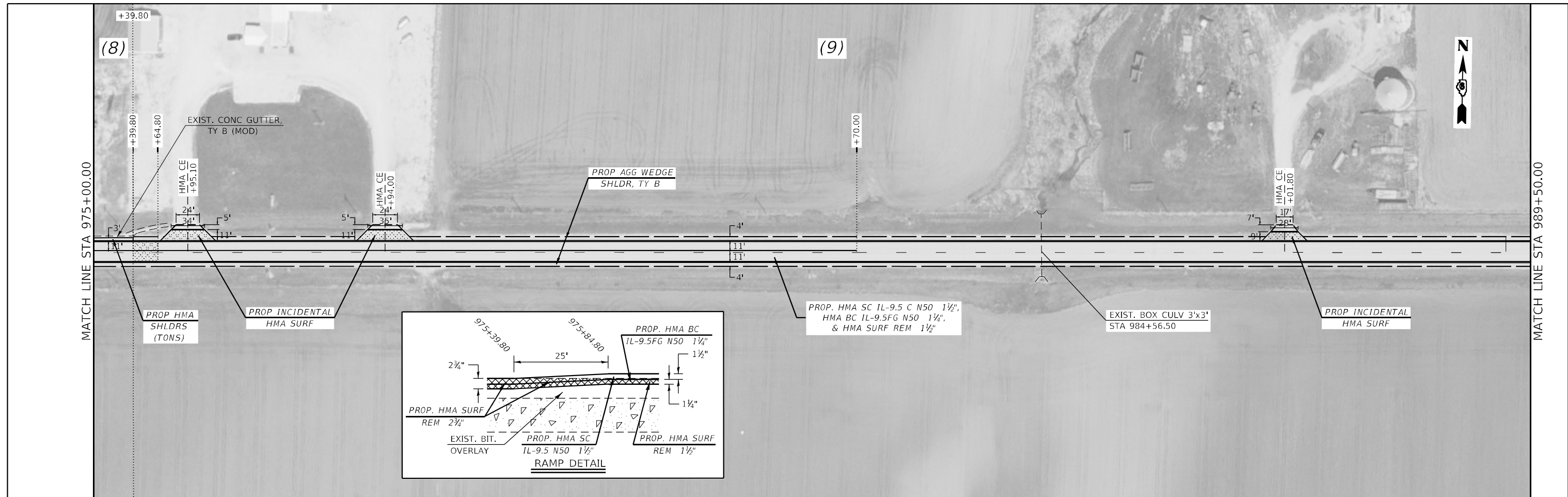
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PLOT DATE = 7/27/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS			
SCALE: 20	SHEET 10 OF 13 SHEETS	STA. 958+50.00 TO STA. 969+50.00	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
713	121RS-4	SCHUYLER	31	24
			CONTRACT NO. 72H58	
ILLINOIS FED. AID PROJECT				

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 USER: Rene.Cabrera



USER NAME = Rene.Cabrera	DESIGNED - MDO	REVISED -
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PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/27/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS	
SCALE: 50	SHEET 12 OF 13 SHEETS
STA. 975+00.00	TO STA. 1004+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
713	121RS-4	SCHUYLER	31	26
CONTRACT NO. 72H58			ILLINOIS FED. AID PROJECT	



(PAINT) (+00.00) (MODIFIED URETHANE)

PI Sta 1021+71.25 (#1288)

1020+00 1021 1022 1023 1024 1025+00

CL FAP 713 (IL 101)

MATCH LINE STA. 1026+00.00

PAVEMENT MARKING LEGEND	
<u>(PAINT)</u>	
(A)	PAVEMENT MARKING - LINE 5" - WHITE (SOLID)
(B)	PAVEMENT MARKING - LINE 5" - YELLOW (SKIP-DASH)
<u>(MODIFIED URETHANE)</u>	
(C)	PAVEMENT MARKING - LINE 5" - WHITE (SOLID)
(D)	PAVEMENT MARKING - LINE 5" - DOUBLE YELLOW (SOLID)
(E)	PAVEMENT MARKING - LINE 8" - WHITE (SOLID)
(F)	PAVEMENT MARKING - LINE 12" - YELLOW (SOLID)
<u>(PREFORMED PLASTIC, TYPE B - STANDARD)</u>	
(G)	PAVEMENT MARKING - LINE 24" - WHITE (SOLID)

MATCH LINE STA. 1026+00.00



1026 1027 1028 1029 1030+00 1031

CL FAP 713 (IL 101)

LIMITS OF IMPROVEMENT STA 1031+16.80

ROT (#2053) Sta 1031-201 Sta 827+68.66

90°02'29"

(+21.70)

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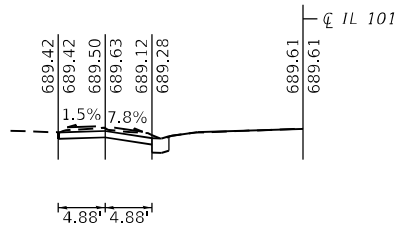
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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

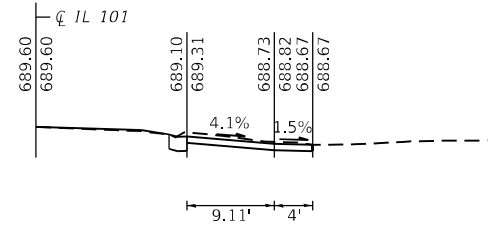
PAVEMENT MARKING DETEAIL SHEET

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

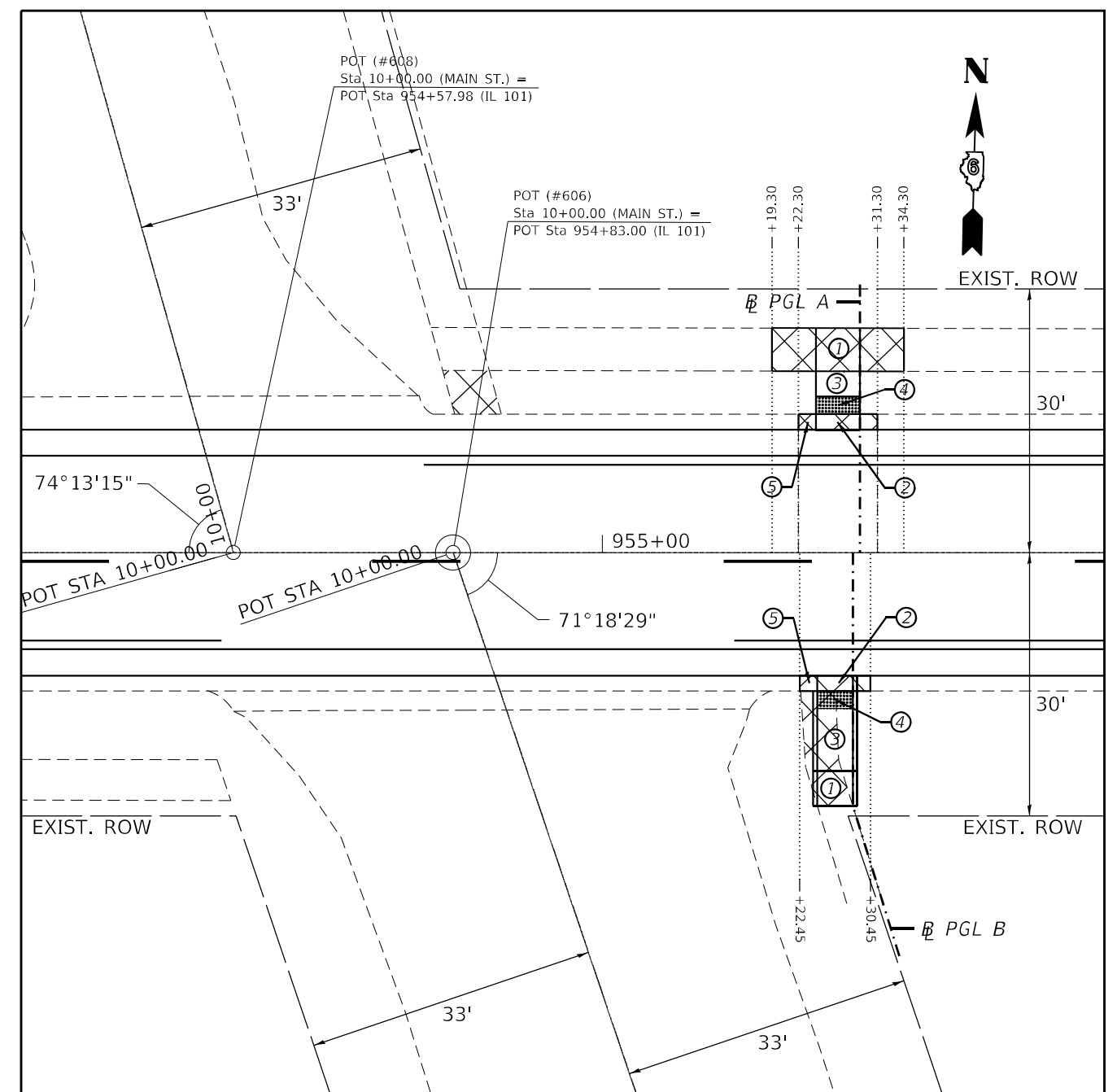
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713	21RS-4	SCHUYLER	31	28
CONTRACT NO. 72H58				
ILLINOIS FED. AID PROJECT				



(Sta 955+29.32) (PGL A)



(Sta 955+28.53 RT) (PGL B)



- LEGEND**
- ① PROP. SIDEWALK REMOV
 - ② PROP. GUTTER REM
 - ③ PROP. PCC SIDEWALK 4" SPL
 - ④ PROP. DETECT WARNING
 - ⑤ PROP. CONC GUTTER, TY B

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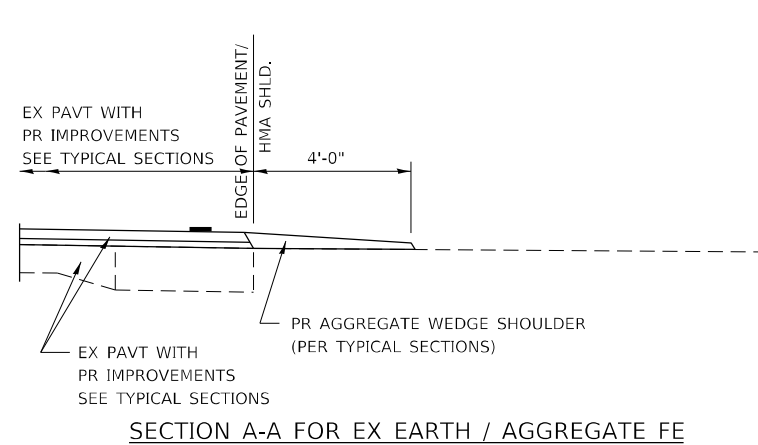
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PLOT DATE = 7/27/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

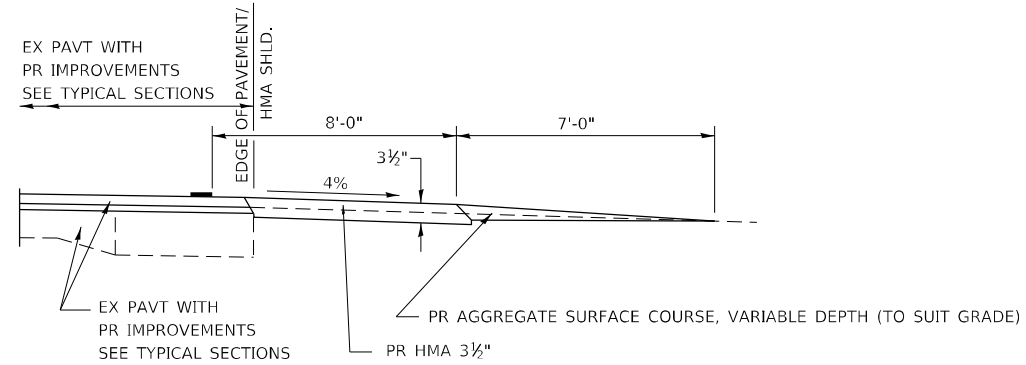
ADA SIDEWALK RAMP DETAILS
LITTLETON - MAIN ST.

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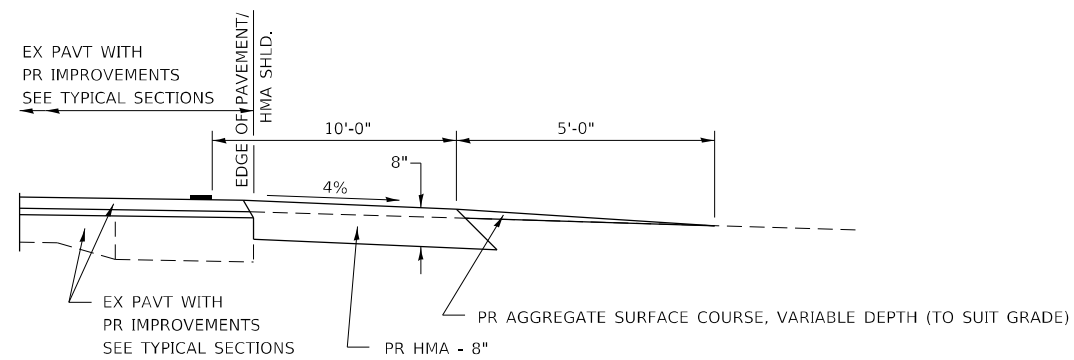
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CONTRACT NO. 72H58			ILLINOIS FED. AID PROJECT	



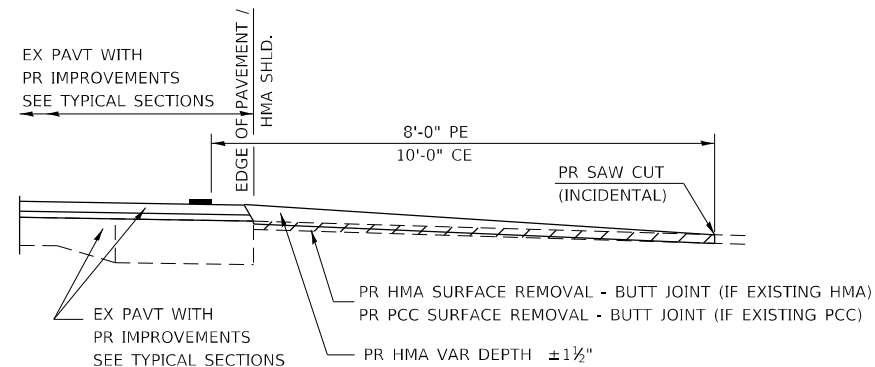
SECTION A-A FOR EX EARTH / AGGREGATE FE



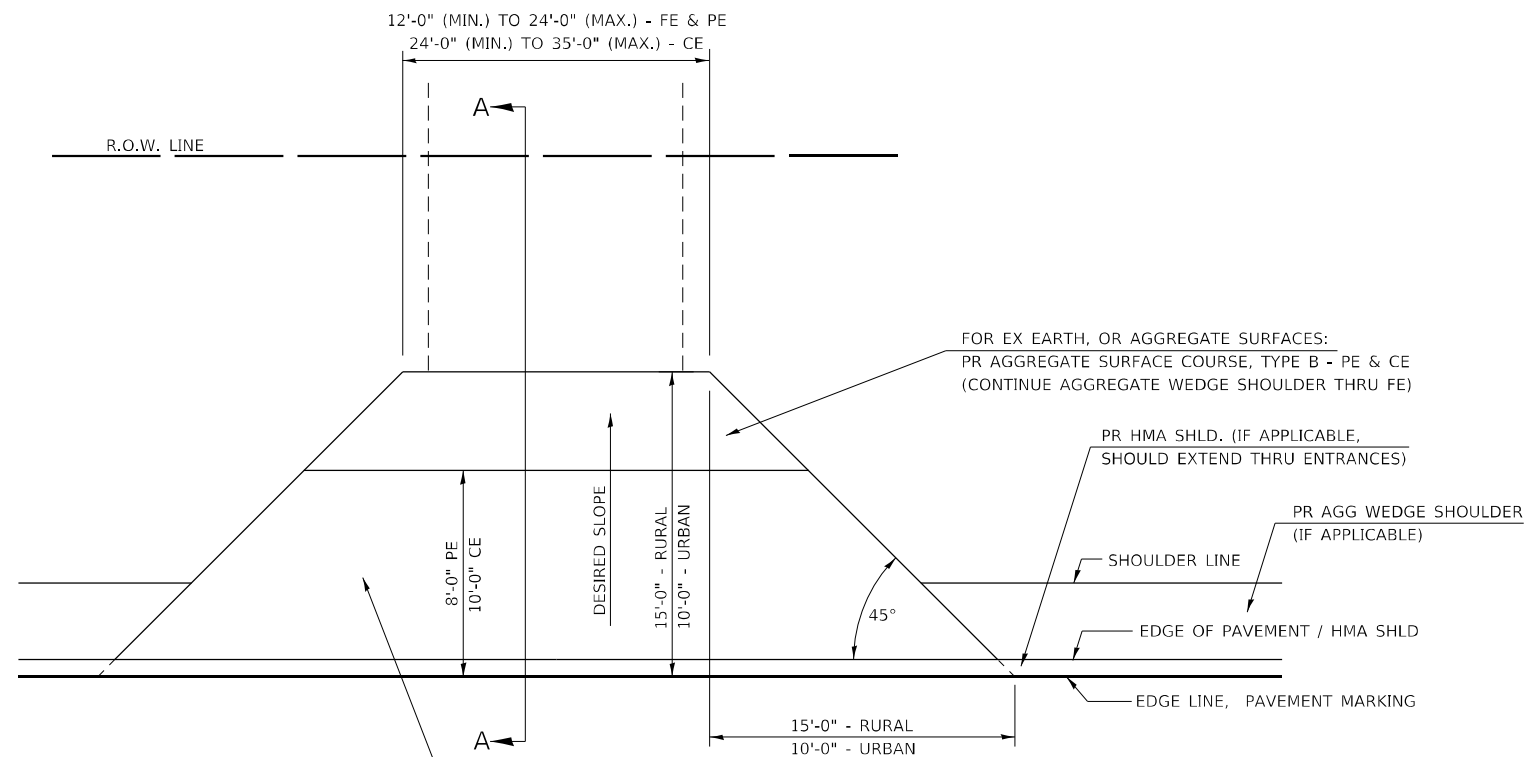
SECTION A-A FOR EX EARTH / AGGREGATE PE



SECTION A-A FOR EX EARTH / AGGREGATE CE & SIDE ROAD



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



FOR EX EARTH OR AGGREGATE SURFACES:
 PR HMA SURFACE REMOVAL (IF APPLICABLE)
 PR AGGREGATE WEDGE SHOULDER THRU - FE
 PR HMA CONCRETE 3 1/2" - PE
 PR HMA CONCRETE 8" - CE

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

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

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.

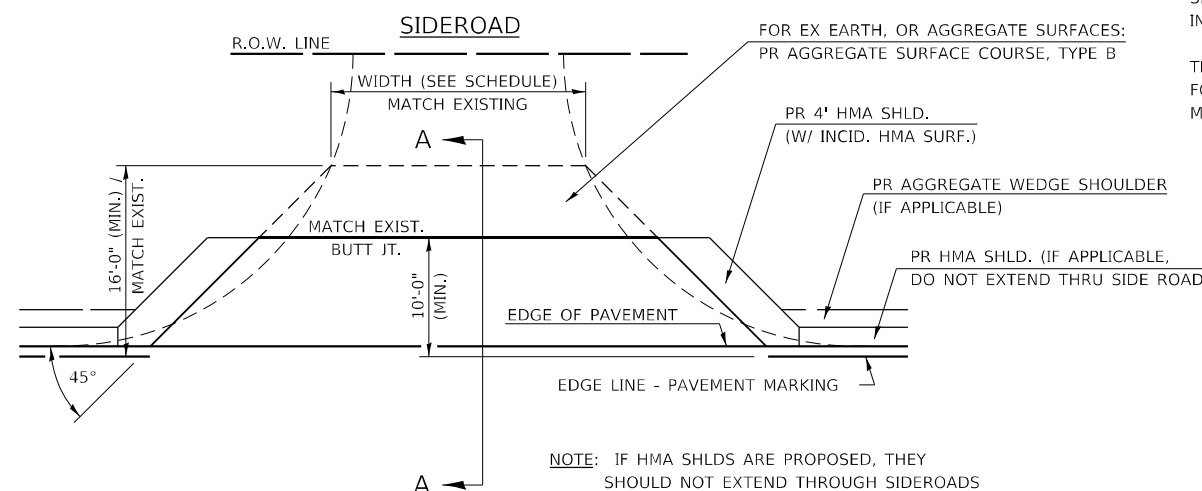
THE PLAN DETAILS AND SCHEDULES SHOULD BE USED AS A GUIDE FOR THE ENGINEER TO IMPLEMENT THE FINAL DESIGN. THE ENGINEER MAY DECIDE TO SALVAGE PORTIONS OF THE EXISTING ENTRANCE PAVEMENT STRUCTURE; THEREFORE, REDUCING PAY ITEM QUANTITIES. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR THIS REDUCTION IN QUANTITIES.

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 CONCRETE 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 CONCRETE PROPOSED FOR THE IMPROVEMENT IS THICKER THAN 3 INCHES AND REQUIRE 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 2 INCHES SHALL MEET THE REQUIREMENTS OF HMA CONCRETE SURFACE COURSE.

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR "INCIDENTAL HOT-MIX ASPHALT SURFACING" WHICH SHALL INCLUDE ALL MATERIALS, EQUIPMENT, AND LABOR INVOLVED.



NOTE: IF HMA SHLDS ARE PROPOSED, THEY SHOULD NOT EXTEND THROUGH SIDEROADS

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.

ENT PPP.DGN

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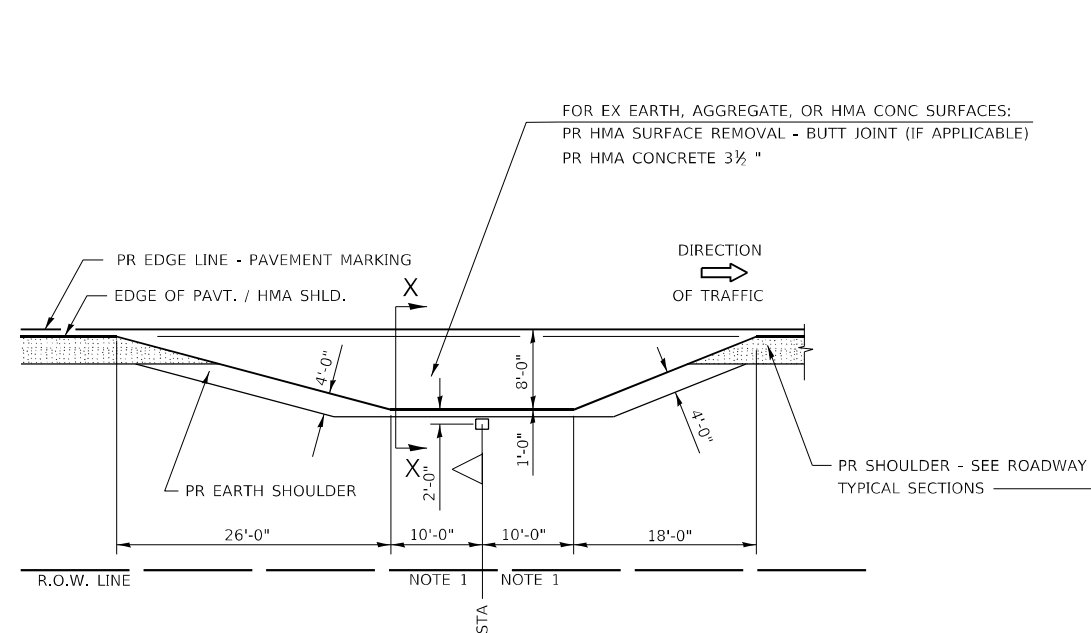
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

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

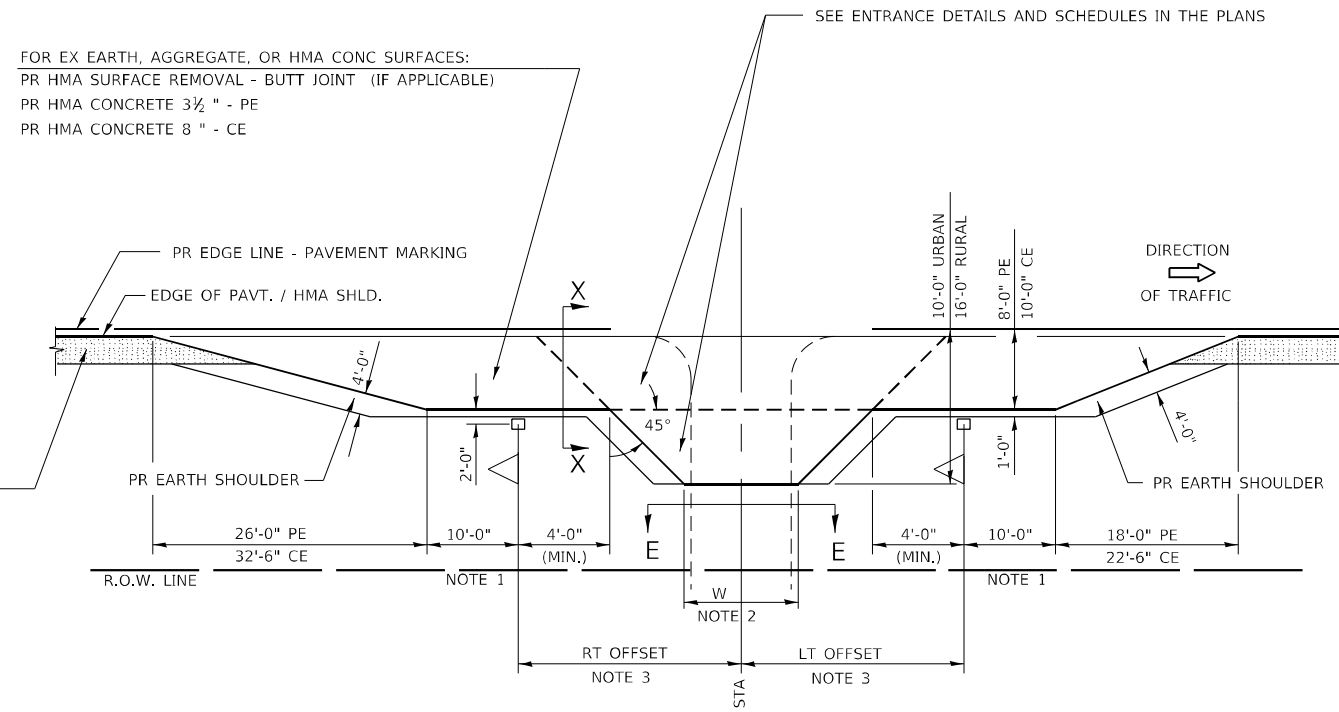
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
713	121RS-4	SCHUYLER	31	30
			CONTRACT NO. 72H58	
ILLINOIS FED. AID PROJECT				

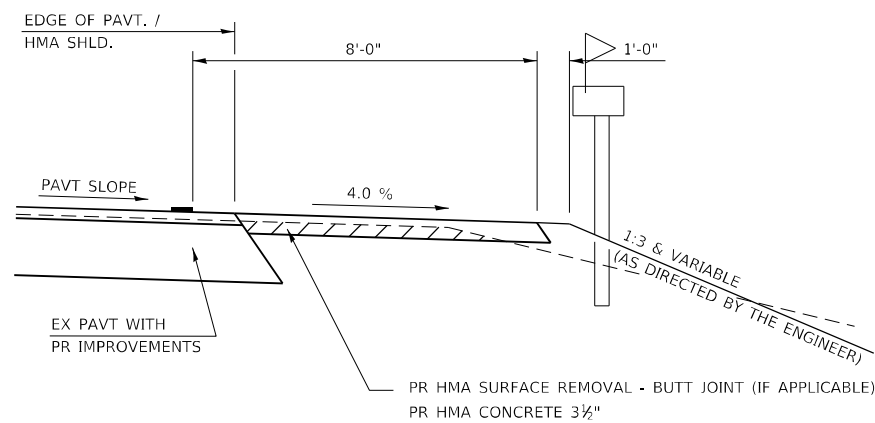
DETAILS OF MAILBOX TURNOUTS



PLAN - MAILBOX TURNOUTS

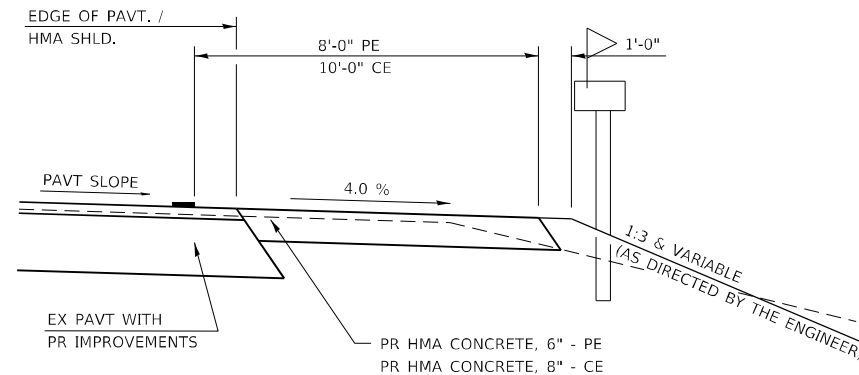


PLAN - COMBINED MAILBOX TURNOUT WITH TRAILING OR LEADING ENTRANCE



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

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



SECTION X-X THRU MAILBOX TURNOUT
COMBINED WITH EX HMA CONC & PC CONC PE & CE

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

- 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.

ALL DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE SHOWN.

ENT PPP.DGN

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PLOT DATE = 7/27/2023	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: NTS	SHEET 2 OF 2 SHEETS
STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
713	121RS-4	SCHUYLER	31	31
CONTRACT NO. 72H58				
ILLINOIS FED. AID PROJECT				