

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(120)RS-1	MCLEAN	50	1
		ILLINOIS	CONTRACT NO. 70E82	

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 3-7

CURRENT TRAFFIC DATA

LEG "A" ILL 9 FROM THE TAZWELL CO LINE TO FAS 471

2024 ADT = 1,950
PU&PC% = 91.8
SU% = 3.1
MU = 5.1

LEG "B" ILL 9 FROM FAS 471 TO ILL 122

2024 ADT = 1,800
PU&PC% = 87.2
SU% = 6.1
MU = 6.7

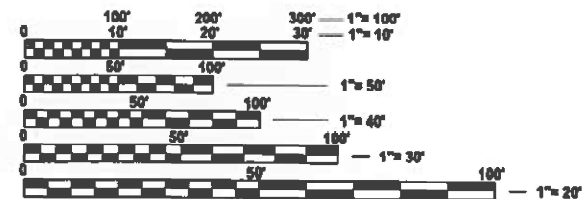
TRAFFIC DATA LOCATIONS

ILL 9 (FAP 693) FROM THE TAZWELL COUNTY LINE TO ILL 122 IN MCLEAN COUNTY

**PROPOSED
HIGHWAY PLANS**

**FAP ROUTE 693 (ILL 9)
SECTION (120)RS-1
PROJECT STP-Z45P(095)
3P STANDARD OVERLAY
MCLEAN COUNTY**

**C-95-096-20
ILL 9 FROM TAZWELL COUNTY LINE TO ILL 122**



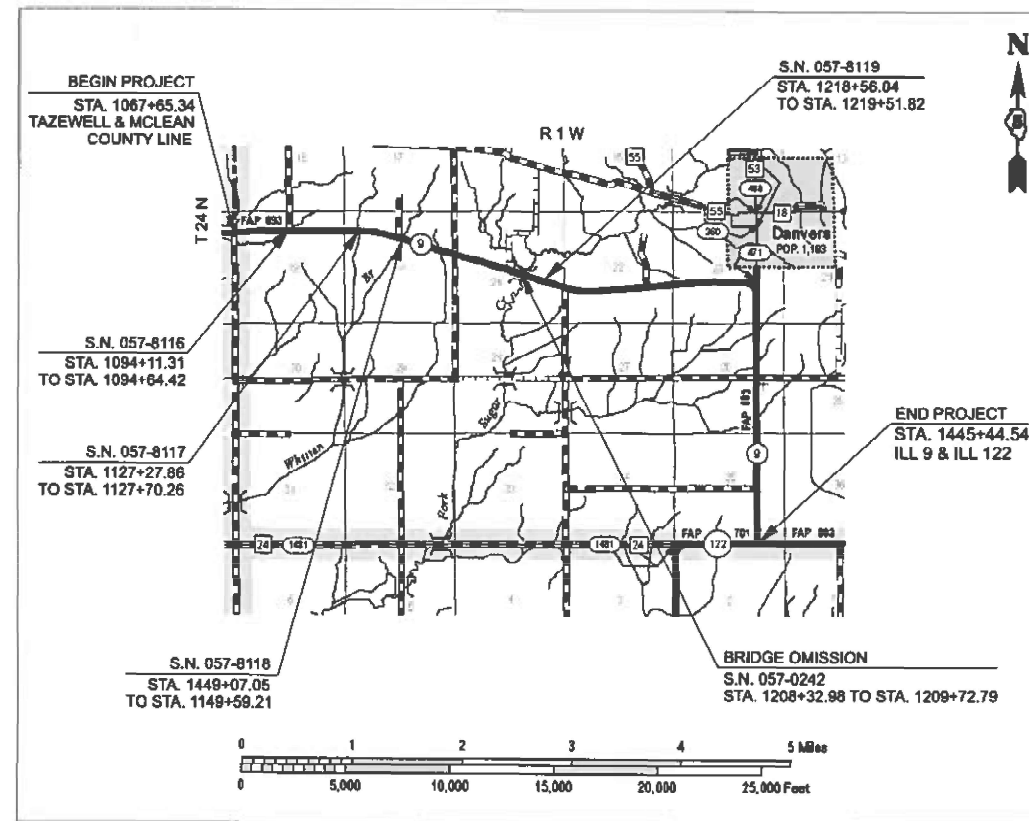
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

TOWNSHIP: DANVERS

**PROJECT ENGINEER: CLARE DIETZ
PROJECT DESIGNER: TIANYI SUN**

CONTRACT NO. 70E82



GROSS LENGTH = 37,779.20 FT. = 7.155 MILE
NET LENGTH = 37,839.39 FT. = 7.129 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 01/30 2026
Ronald A. Garrett
REGIONAL ENGINEER

March 20 2026
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

March 20 2026
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, LIST OF HIGHWAY STANDARDS, GENERAL NOTES, & COMMITMENTS
3 to 7	SUMMARY OF QUANTITIES
8 to 12	TYPICAL CROSS-SECTIONS
13 to 23	SCHEDULE OF QUANTITIES
24	ALIGNMENT, TIES, AND BENCHMARKS
25 to 37	ILL 9 PLAN SHEETS
38 to 39	DISTRICT 5 DETAIL - FIELD ENTRANCES (NONCOMMERCIAL RURAL)
40	DISTRICT 5 DETAIL - MAILBOX TURNOUT (RURAL)
41 to 42	DISTRICT 5 DETAIL - PRIVATE AND COMMERCIAL ENTRANCES (NONCOMMERCIAL AND COMMERCIAL RURAL)
43 to 44	DISTRICT 5 DETAIL - SIDEROADS AND SIDESTREETS (RURAL)
45 to 48	DISTRICT 5 DETAIL - PAVEMENT MARKING AND MARKERS
49	DISTRICT 5 DETAIL - RAISED REFLECTIVE PAVEMENT MARKERS ON HORIZONTAL CURVES
50	DISTRICT 5 DETAIL - SURVEY MARKER 1 & 2 (SPECIAL)

HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-09	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
442201-04	CLASS C AND D PATCHES
630001-13	STEEL PLATE BEAM GUARDRAIL
630106-02	LONG-SPAN GUARDRAIL OVER CULVERT
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
642006-01	SHOULDER RUMBLE STRIPS, 8 IN.
642011	SINUSOIDAL RUMBLE STRIPS, 14 IN
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
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 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
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701336-07	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS ≥ 45 MPH
701901-11	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

COMMITMENTS

THERE ARE NO COMMITMENTS FOR THIS CONTRACT

GENERAL NOTES

G.N.-100B
 MICROSTATION AND GEOPAK FILES OF THIS PROJECT WILL BE MADE AVAILABLE TO THE CONTRACTOR AFTER CONTRACT AWARD. IF THERE IS A CONFLICT BETWEEN THE ELECTRONIC FILES AND THE PRINTED CONTRACT PLANS AND DOCUMENTS, THE PRINTED CONTRACT PLANS AND DOCUMENTS SHALL TAKE PRECEDENCE OVER THE ELECTRONIC FILES. THE CONTRACTOR SHALL ACCEPT ALL RISK ASSOCIATED WITH USING THE ELECTRONIC FILES AND SHALL HOLD THE DEPARTMENT HARMLESS FOR ANY ERRORS OR OMISSIONS IN THE ELECTRONIC FILES AND THE DATA CONTAINED THEREIN. ERRORS OR DELAYS RESULTING FROM THE USE OF THE ELECTRONIC FILES BY THE CONTRACTOR SHALL NOT RESULT IN AN EXTENSION OF TIME FOR ANY INTERIM OR FINAL COMPLETION DATE OR SHALL NOT BE CONSIDERED CAUSE FOR ADDITIONAL COMPENSATION. THE CONTRACTOR SHALL NOT USE, SHARE, OR DISTRIBUTE THESE ELECTRONIC FILES EXCEPT FOR THE PURPOSE OF CONSTRUCTING THIS CONTRACT. ANY CLAIMS BY THIRD PARTIES DUE TO USE OR ERRORS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL INCLUDE THIS DISCLAIMER WITH THE TRANSFER OF THESE ELECTRONIC FILES TO ANY OTHER PARTIES AND SHALL INCLUDE APPROPRIATE LANGUAGE BINDING THEM TO SIMILAR RESPONSIBILITIES.

G.N.-105.09A
 ALL ELEVATIONS SHOWN IN THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. (NAVD 88)

G.N.-406H

Location	IL 9	IL 9	IL 9	IL 9
Mixture Use	Surface	Binder	Patching	Incidental
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22
Design Air Voids	4.0% @ Ndes=50	4.0% @ Ndes=50	4.0% @ Ndes=50	4.0% @ Ndes=50
Mix Comp(Gradation)	IL 9.5	IL 9.5 FG	IL 19.0	IL 9.5
Friction Aggregate	Mix D	N.A.	N.A.	Mix C
Mixture Weight	112	112	112	112
Quality Management Program	QCP	QCP	QC/QA	QC/QA
Sublot Size	1000	1000	3000	3000
Material Transfer Device (Required ?)	NO	NO	NO	NO

G.N.-406M

MATERIAL TRANSFER DEVICE (MTD) INFORMATION

IF THE CONTRACTOR ELECTS TO USE A MATERIAL TRANSFER DEVICE (MTD), THEN THE FOLLOWING REQUIREMENTS WILL APPLY.

BASED ON STRUCTURAL ANALYSIS, THE FOLLOWING STRUCTURES CAN BE CROSSED WITH AN EMPTY MTD WITH THE FOLLOWING MAXIMUM GROSS WEIGHT RESTRICTIONS:

STRUCTURE NUMBER	WEIGHT RESTRICTION
057-0242	40 TONS
057-8116	40 TONS
057-8117	40 TONS
057-8118	40 TONS
057-8119	40 TONS

IF THE SAME MTD IS USED THROUGHOUT THE ENTIRE CONTRACT, THEN IT MUST BE LIMITED TO AN EMPTY GROSS WEIGHT OF 40 TONS OR LESS.

G.N.-406S

PROJECT POSTED SPEED LIMITS

THE FOLLOWING TABLE IS A LISTING OF POSTED SPEED LIMITS WITHIN THE PROJECT LIMITS. THE ENGINEER SHALL FIELD VERIFY THESE LIMITS:

STATION	TO	STATION	POSTED SPEED LIMIT (MPH)
1067+65.34		1445+44.54	55

G.N.-703A

SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE PAVEMENT AFTER ANY OF THE FOLLOWING: COLD MILLING AND/OR PLACING BITUMINOUS MATERIALS (TACK COAT), LEVELING BINDER (MACHINE METHOD), BINDER AND SURFACE COURSES. SHORT TERM PAVEMENT MARKING PLACED ON THE SURFACE SHALL COINCIDE WITH THE FINAL PAVEMENT STRIPING. SHORT TERM PAVEMENT MARKING PLACED PRIOR TO THE SURFACE SHALL COINCIDE WITH THE EXISTING PAVEMENT MARKINGS. USE 4 FEET PER 40 FEET (OR 10% PER STATION).

G.N.-781

THE FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING THE RAISED REFLECTIVE PAVEMENT MARKERS.

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PLOT DATE = 1/19/2026	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

INDEX OF SHEETS, GENERAL NOTES, LIST OF STANDARDS, & COMMITMENTS

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(120)RS-1	MCLEAN	50	2
CONTRACT NO. 70E82				
ILLINOIS		FED. AID PROJECT		

SUMMARY OF QUANTITIES

LOCATION OF WORK:	FAP 693 (ILL 9) MINOR ARTERIAL
	ALL RURAL STA. 1067+65.34 STA. 1445+44.54
FUNDING BREAKOUT:	MCLEAN 80% FED / 20% STATE
CONSTRUCTION TYPE CODE:	0005

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY QUANTITY
20200100	EARTH EXCAVATION	CU YD	88.00	88.00
20400800	FURNISHED EXCAVATION	CU YD	300.00	300.00
25000210	SEEDING, CLASS 2A	ACRE	0.25	0.25
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	23.00	23.00
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	23.00	23.00
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	23.00	23.00
25100125	MULCH, METHOD 3	ACRE	0.25	0.25
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	100.00	100.00
31102100	SUBBASE GRANULAR MATERIAL, TYPE C 4"	SQ YD	21.00	21.00
35300515	PORTLAND CEMENT CONCRETE BASE COURSE 10 3/4"	SQ YD	21.00	21.00
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	2,590.00	2,590.00
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	80,549.00	80,549.00
40600370	LONGITUDINAL JOINT SEALANT	FOOT	37,640.00	37,640.00
40600990	TEMPORARY RAMP	SQ YD	1,005.00	1,005.00
* DENOTES SPECIALTY ITEM				

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PLOT DATE = 1/6/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(120)RS-1	MCLEAN	50	3
CONTRACT NO. 70E82				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

LOCATION OF WORK:	FAP 693 (ILL 9) MINOR ARTERIAL
	ALL RURAL STA. 1067+65.34 STA. 1445+44.54 MCLEAN
FUNDING BREAKOUT:	80% FED / 20% STATE
CONSTRUCTION TYPE CODE:	0005

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY QUANTITY
40602965	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N50	TON	7,688.00	7,688.00
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	9,226.00	9,226.00
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	868.00	868.00
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	340.00	340.00
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	2,558.00	2,558.00
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	109,540.00	109,540.00
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	94.67	94.67
44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SQ YD	400.00	400.00
44201827	CLASS D PATCHES, TYPE II, 15 INCH	SQ YD	200.00	200.00
44201851	CLASS D PATCHES, TYPE II, 17 INCH	SQ YD	74.70	74.70
48102100	AGGREGATE WEDGE SHOULDERS, TYPE B	TON	1,894.00	1,894.00
48203003	HOT-MIX ASPHALT SHOULDERS, 1 1/2"	SQ YD	16.00	16.00
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	1,304.00	1,304.00
* 63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	FOOT	150.00	150.00
* DENOTES SPECIALTY ITEM				

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(120)RS-1	MCLEAN	50	4
CONTRACT NO. 70E82				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

LOCATION OF WORK: FAP 693 (ILL 9)
MINOR ARTERIAL

ALL RURAL
STA. 1067+65.34
STA. 1445+44.54
MCLEAN

FUNDING BREAKOUT: 80% FED / 20% STATE
CONSTRUCTION TYPE CODE: 0005

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY QUANTITY
*	63000370	LONG-SPAN GUARDRAIL OVER CULVERT, 25 FT SPAN	FOOT	250.00	250.00
*	63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	39.00	39.00
	63200310	GUARDRAIL REMOVAL	FOOT	1,850.00	1,850.00
	64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	71,350.00	71,350.00
	64200214	SINUSOIDAL RUMBLE STRIPS, 14 INCH	FOOT	36,858.00	36,858.00
	67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	7.00	7.00
	67100100	MOBILIZATION	L SUM	1.00	1.00
	70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1.00	1.00
	70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1.00	1.00
	70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1.00	1.00
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	11,400.00	11,400.00
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	3,800.00	3,800.00
	70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	107,164.00	107,164.00
	70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	283.00	283.00
* DENOTES SPECIALTY ITEM					

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	DRAWN -	REVISED -					693	(120)RS-1	MCLEAN	50	5
	CHECKED -	REVISED -		SCALE: SHEET 3 OF 5 SHEETS STA. TO STA.			CONTRACT NO. 70E82		ILLINOIS FED. AID PROJECT		
PLOT DATE = 1/6/2026	DATE -	REVISED -									

SUMMARY OF QUANTITIES

LOCATION OF WORK: FAP 693 (ILL 9)
MINOR ARTERIAL

ALL RURAL
STA. 1067+65.34
STA. 1445+44.54
MCLEAN
FUNDING BREAKOUT: 80% FED / 20% STATE
CONSTRUCTION TYPE CODE: 0005

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY QUANTITY
70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	204.00	204.00
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	38.00	38.00
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	39.00	39.00
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	283.00	283.00
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	204.00	204.00
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	38.00	38.00
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	107,164.00	107,164.00
* 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	283.00	283.00
* 78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	204.00	204.00
* 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	38.00	38.00
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	624.00	624.00
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	88.00	88.00
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	580.00	580.00
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	36,143.00	36,143.00
* DENOTES SPECIALTY ITEM				

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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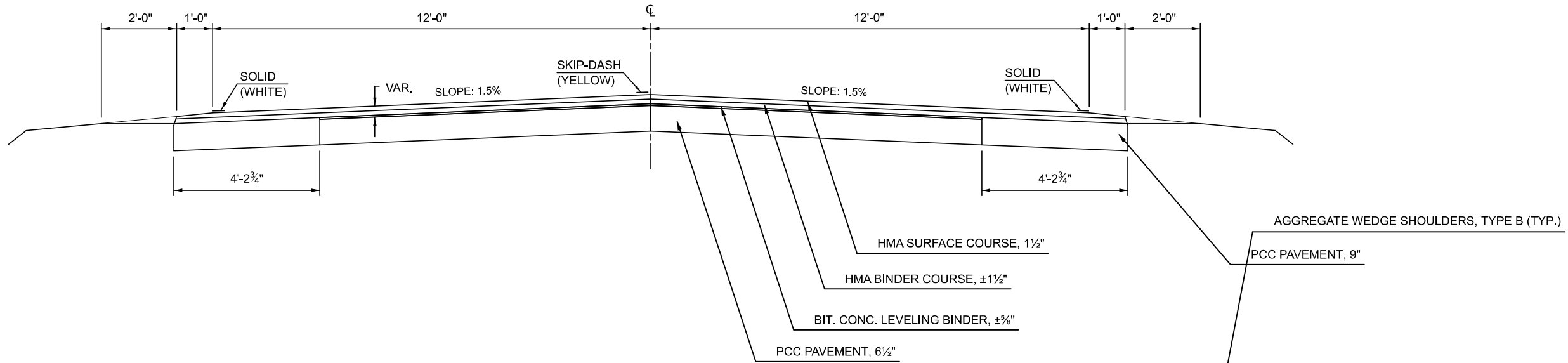
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(120)RS-1	MCLEAN	50	6
CONTRACT NO. 70E82				
ILLINOIS FED. AID PROJECT				

1 EXISTING TYPICAL CROSS SECTION

F.A.P. ROUTE 693 (ILL 9)

CL STATION	PAVEMENT THICKNESS
1086+36.00	10 1/2"
1139+84.00	11"
1200+20.00	6"
1254+53.00	6 1/4"
1300+68.00	9 1/2"
1337+34.00	8 1/2"
1386+43.00	8 1/4"
1431+52.00	7 1/2"

STATION	TO	STATION
1067 + 65.34		1139 + 46.80 (2)
(2) 1145 + 80.40		1316 + 87.60 (3)
(3) 1325 + 32.40		1368 + 09.20 (4)
(4) 1410 + 33.20		1440 + 95.60 (5)



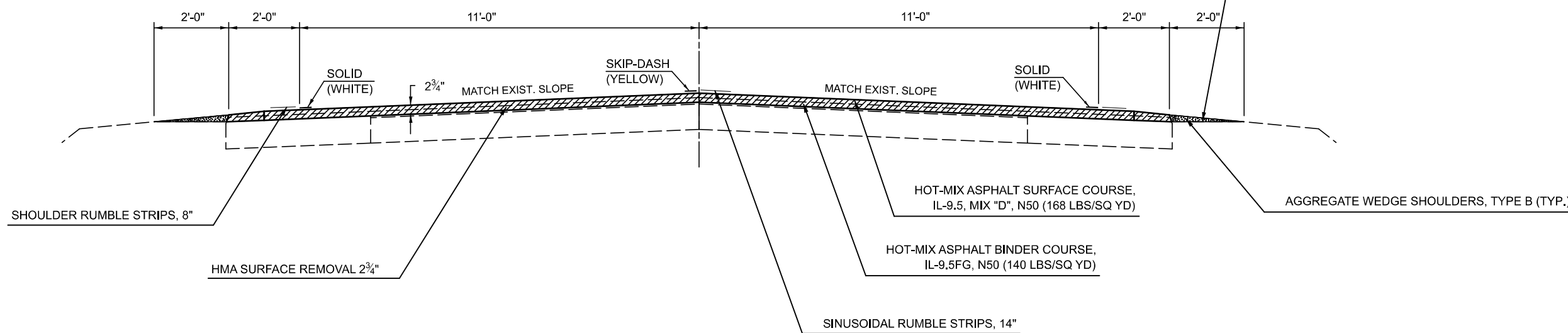
A PROPOSED TYPICAL CROSS SECTION

F.A.P. ROUTE 693 (ILL 9)

HMA SURFACE REMOVAL, 2 3/4"

STATION	TO	STATION
1067 + 65.34		1139 + 46.80 (B)
(B) 1145 + 80.40		1316 + 87.60 (C)
(C) 1325 + 32.40		1368 + 09.20 (D)
(D) 1410 + 33.20		1440 + 95.60 (E)

BRIDGE OMISSION
S.N. 057-0242 STA. 1208+32.98 TO STA. 1209+72.79



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILL 9 TYPICAL CROSS-SECTION

SCALE: SHEET 1 OF 5 SHEETS STA. TO STA.

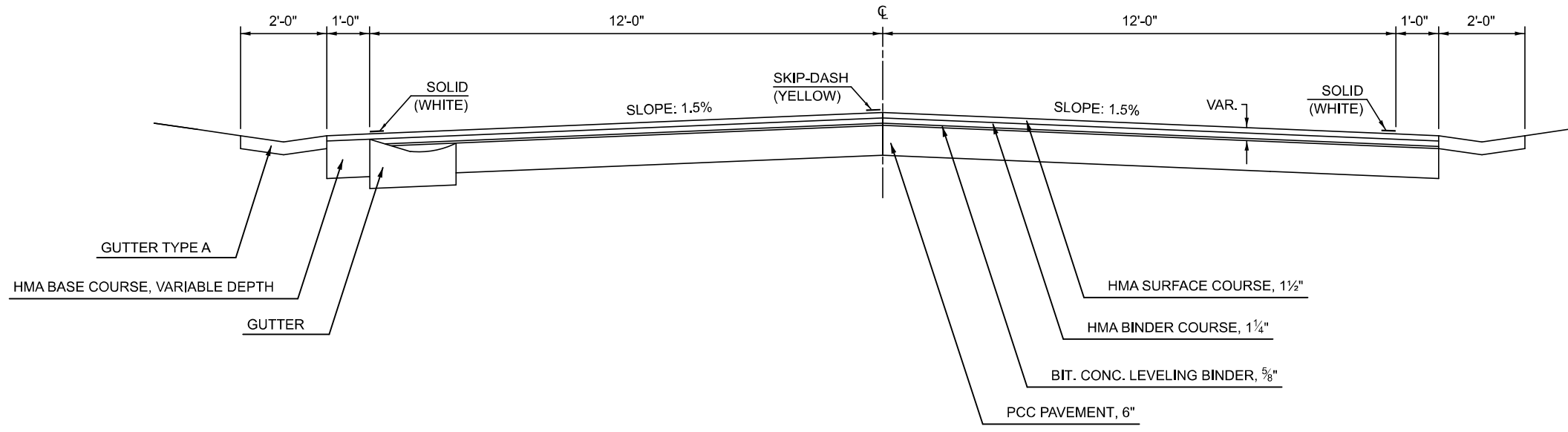
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693	(120)RS-1	MCLEAN	50	8
CONTRACT NO. 70E82				
ILLINOIS FED. AID PROJECT				

2 EXISTING TYPICAL CROSS SECTION

F.A.P. ROUTE 693 (ILL 9)

STATION	TO	STATION
① 1139 + 44.60		1146 + 54.11 ①

CL STATION	PAVEMENT THICKNESS
1086+36.00	10½"
1139+84.00	11"
1200+20.00	6"
1254+53.00	6½"
1300+68.00	9½"
1337+34.00	8½"
1386+43.00	8¼"
1431+52.00	7½"

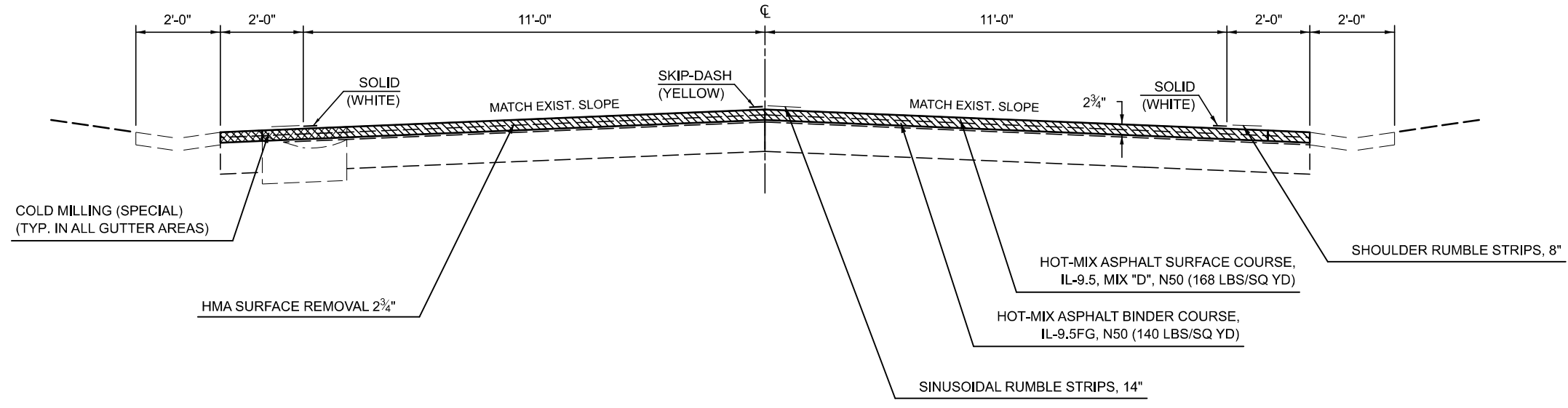


B PROPOSED TYPICAL CROSS SECTION

F.A.P. ROUTE 693 (ILL 9)

STATION	TO	STATION
Ⓐ 1139 + 44.60		1146 + 54.11 Ⓐ

- HMA SURFACE REMOVAL, 2¾"
- COLD MILLING (SPECIAL)



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PLOT DATE = 1/6/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ILL 9 TYPICAL CROSS-SECTION

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

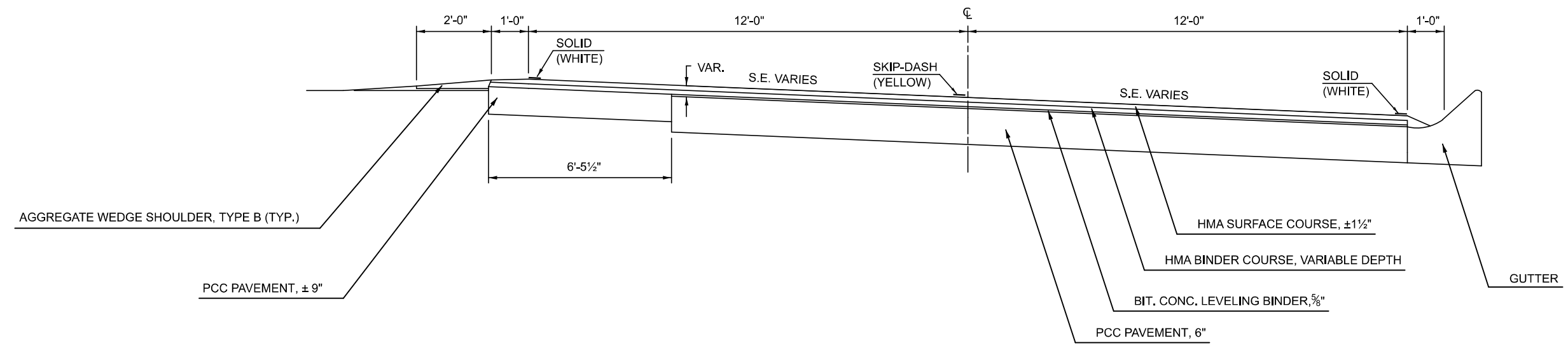
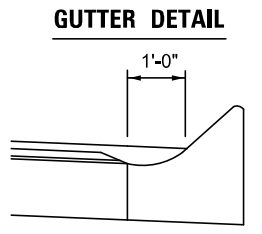
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(120)RS-1	MCLEAN	50	9
CONTRACT NO. 70E82				
ILLINOIS FED. AID PROJECT				

3 EXISTING TYPICAL CROSS SECTION

F.A.P. ROUTE 693 (ILL 9)

STATION	TO	STATION
① 1320 + 95.25		1325 + 49.57 ①

CL STATION	PAVEMENT THICKNESS
1086+36.00	10½"
1139+84.00	11"
1200+20.00	6"
1254+53.00	6½"
1300+68.00	9½"
1337+34.00	8½"
1386+43.00	8¼"
1431+52.00	7½"

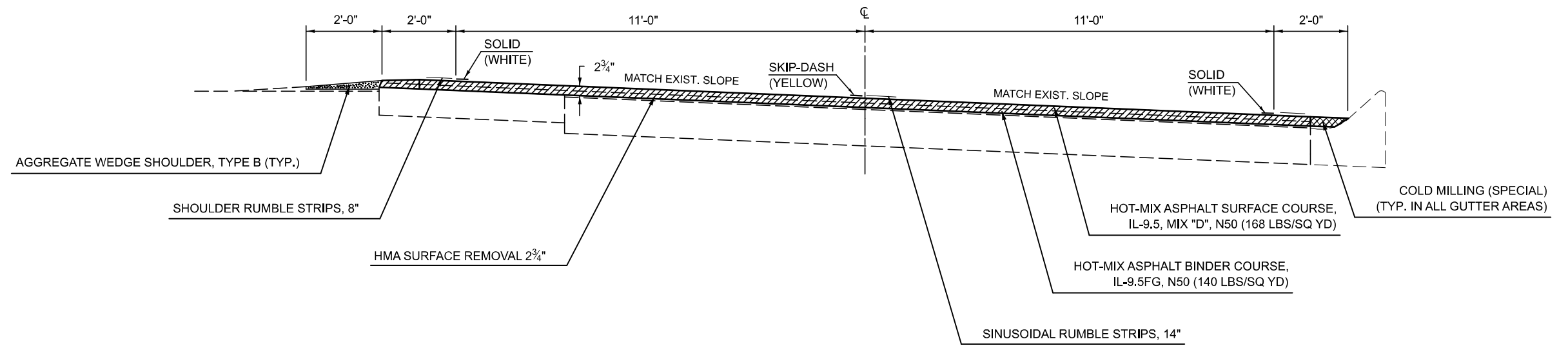
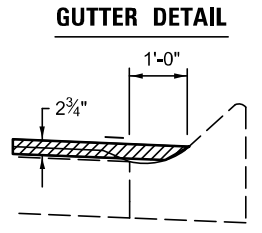


C PROPOSED TYPICAL CROSS SECTION

F.A.P. ROUTE 693 (ILL 9)

STATION	TO	STATION
Ⓐ 1320 + 95.25		1325 + 49.57 Ⓐ

- HMA SURFACE REMOVAL, 2¾"
- COLD MILLING (SPECIAL)



MODEL: Typical Cross Section - 3 (Sheet)
FILE NAME: c:\p\work\illinois\gov\1018720\0570E62-Sht-Typicals (Updated to Standard Overlay).dgn

USER NAME = Tianyi.Sun	DESIGNED - BAF	REVISED -
	DRAWN -	REVISED -
	CHECKED - TJP	REVISED -
PLOT DATE = 1/6/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ILL 9 TYPICAL CROSS-SECTION

SCALE: SHEET 3 OF 5 SHEETS STA. TO STA.

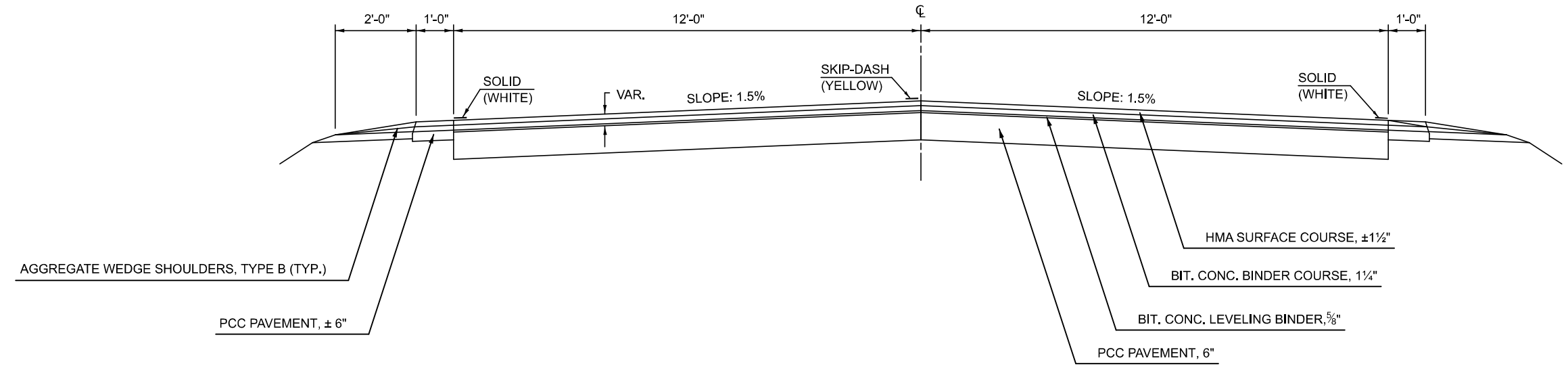
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(120)RS-1	MCLEAN	50	10
CONTRACT NO. 70E82				
ILLINOIS FED. AID PROJECT				

4 EXISTING TYPICAL CROSS SECTION

F.A.P. ROUTE 693 (ILL 9)

STATION	TO	STATION
① 1368 + 09.20		1410 + 33.20 ①

CL STATION	PAVEMENT THICKNESS
1086+36.00	10½"
1139+84.00	11"
1200+20.00	6"
1254+53.00	6½"
1300+68.00	9½"
1337+34.00	8½"
1386+43.00	8¼"
1431+52.00	7½"

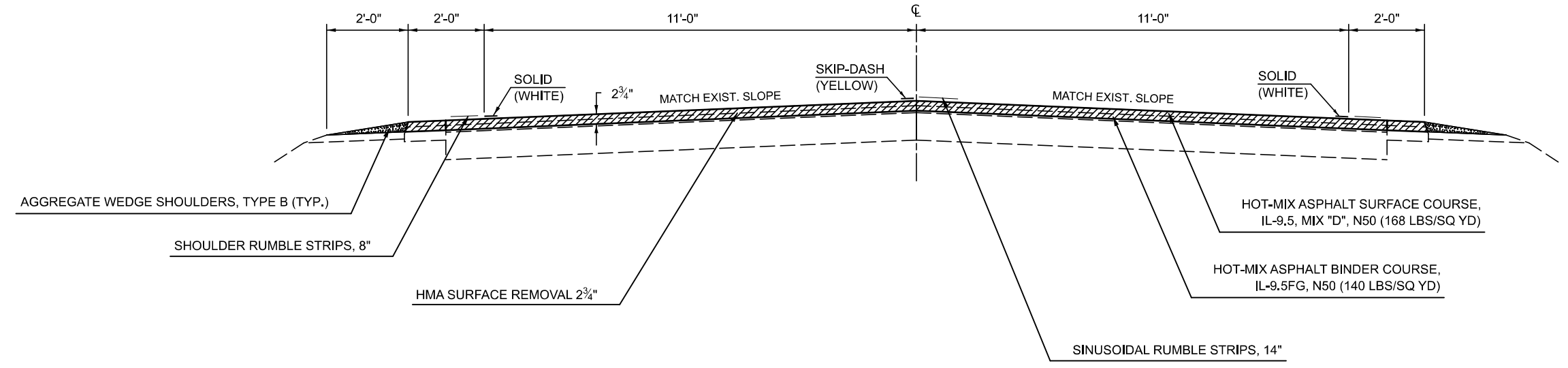


D PROPOSED TYPICAL CROSS SECTION

F.A.P. ROUTE 693 (ILL 9)

STATION	TO	STATION
Ⓐ 1368 + 09.20		1410 + 33.20 Ⓐ

HMA SURFACE REMOVAL, 2¾"



MODEL: Typical Cross Section - 4 (Sheet)
FILE NAME: c:\p\work\illinois\gov\1018720\0570E62-Sht-Typicals (Updated to Standard Overlay).dgn

USER NAME = Tianyi.Sun	DESIGNED - BAF	REVISED -
	DRAWN -	REVISED -
	CHECKED - TJP	REVISED -
PLOT DATE = 1/6/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ILL 9 TYPICAL CROSS-SECTION

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

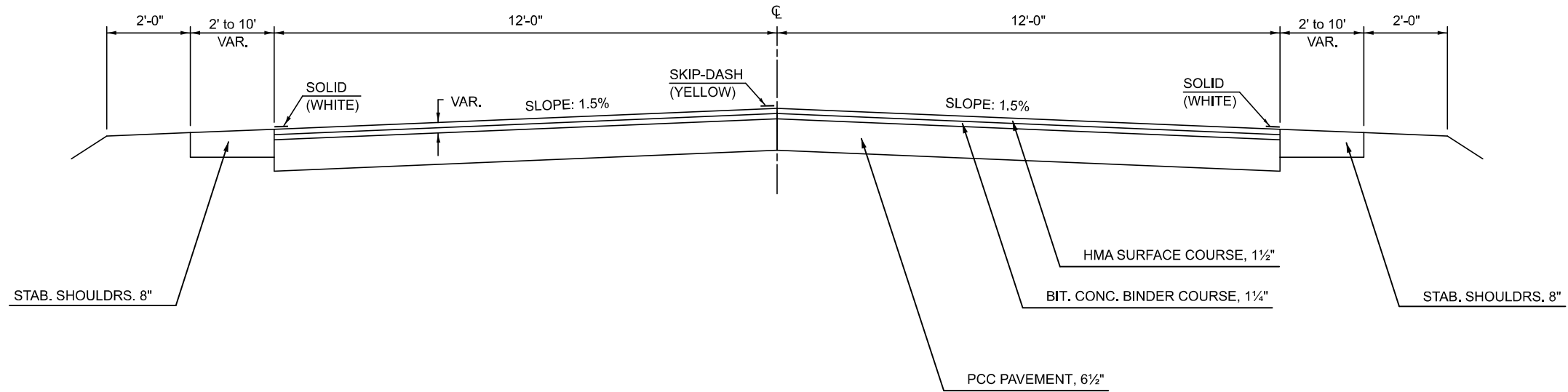
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(120)RS-1	MCLEAN	50	11
CONTRACT NO. 70E82				
ILLINOIS FED. AID PROJECT				

5 EXISTING TYPICAL CROSS SECTION

F.A.P. ROUTE 693 (ILL 9)

STATION	TO	STATION
① 1440 + 95.60		1445 + 44.54

CL STATION	PAVEMENT THICKNESS
1086+36.00	10½"
1139+84.00	11"
1200+20.00	6"
1254+53.00	6½"
1300+68.00	9½"
1337+34.00	8½"
1386+43.00	8¼"
1431+52.00	7½"

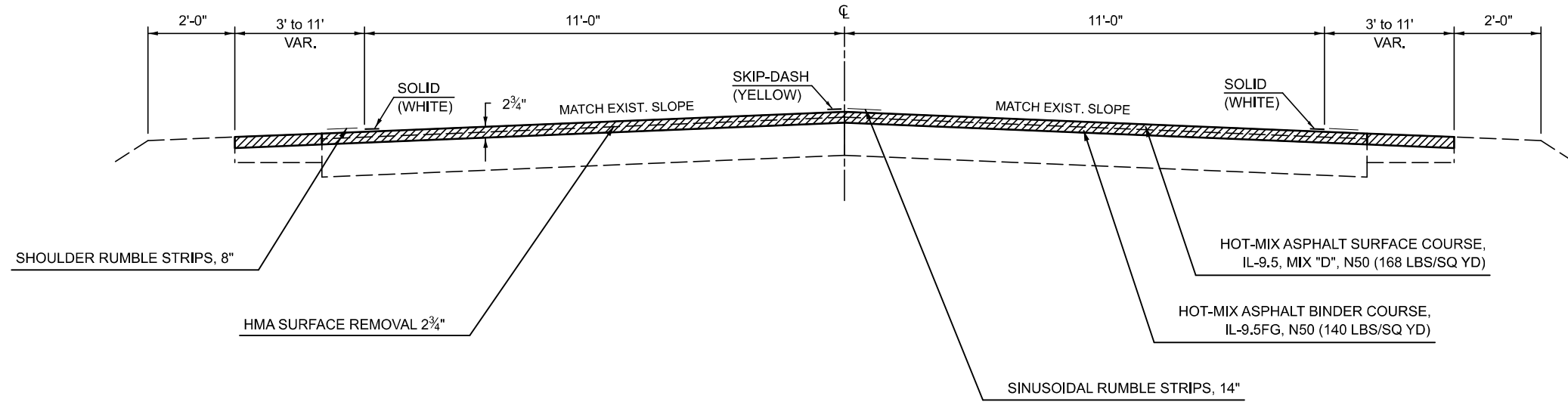


E PROPOSED TYPICAL CROSS SECTION

F.A.P. ROUTE 693 (ILL 9)

STATION	TO	STATION
Ⓐ 1440 + 95.60		1445 + 44.54

HMA SURFACE REMOVAL, 2¾"



MODEL: Typical Cross Section - 5 (Sheet)
FILE NAME: c:\p\work\project\illinois.gov\1018720\0570E62-Sht-Typicals (Updated to Standard Overlay).dgn

USER NAME = Tianyi.Sun	DESIGNED - BAF	REVISED -
	DRAWN -	REVISED -
	CHECKED - TJP	REVISED -
PLOT DATE = 1/6/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ILL 9 TYPICAL CROSS-SECTION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(120)RS-1	MCLEAN	50	12
CONTRACT NO. 70E82				
ILLINOIS FED. AID PROJECT				

SCHEDULES OF QUANTITIES

CENTERLINE PAVEMENT MARKING SCHEDULE														
STA	TO	STA	LENGTH FT	LINE TYPE	SKIP-DASH	SOLID + SKIP-DASH	DOUBLE SOLID	NOTES	70300100		70300150	70300221	78001110	78300202
									SHORT TERM PAVEMENT MARKING		SHORT TERM PAVEMENT MARKING REMOVAL	TEMPORARY PAVEMENT MARKING LINE - 4" PAINT	PAINT PAVEMENT MARKING LINE - 4" YELLOW	PAVEMENT MARKING REMOVAL WATER BLAST
									NO. APP.	FT	SQ FT	FT	FT	SQ FT
1067+65.34	TO	1072+19.80	454.46	SOLID + SKIP-DASH	0.00	574.46	0.00	NO PASSING ZONG - WB	3.00	144.00	48.00	574.46	574.46	191.49
1072+19.80	TO	1077+18.46	498.66	SKIP-DASH	130.00	0.00	0.00		3.00	156.00	52.00	130.00	130.00	43.33
1077+18.46	TO	1085+03.23	784.77	SOLID + SKIP-DASH	0.00	984.77	0.00	NO PASSING ZONE - EB	3.00	240.00	80.00	984.77	984.77	328.26
1085+03.23	TO	1092+68.29	765.06	SOLID + SKIP-DASH	0.00	965.06	0.00	NO PASSING ZONE - WB	3.00	240.00	80.00	965.06	965.06	321.69
1092+68.29	TO	1096+66.04	397.75	DOUBLE SOLID	0.00	0.00	796.00	NO PASSING ZONE - BOTH	3.00	120.00	40.00	796.00	796.00	265.33
1096+66.04	TO	1106+42.66	976.62	SOLID + SKIP-DASH	0.00	1,226.62	0.00	NO PASSING ZONE - EB	3.00	300.00	100.00	1,226.62	1,226.62	408.87
1106+42.66	TO	1156+65.09	5,022.43	DOUBLE SOLID	0.00	0.00	10,045.00	NO PASSING ZONE - BOTH	3.00	1,512.00	504.00	10,045.00	10,045.00	3,348.33
1156+65.09	TO	1166+48.78	983.69	SOLID + SKIP-DASH	0.00	1,233.69	0.00	NO PASSING ZONE - WB	3.00	300.00	100.00	1,233.69	1,233.69	411.23
1166+48.78	TO	1166+77.59	28.81	SKIP-DASH	10.00	0.00	0.00			0.00				
1166+77.59	TO	1172+27.81	550.22	SOLID + SKIP-DASH	0.00	690.22	0.00	NO PASSING ZONE - EB	3.00	168.00	56.00	690.22	690.22	230.07
1172+27.81	TO	1176+57.16	429.35	DOUBLE SOLID	0.00	0.00	859.00	NO PASSING ZONE - BOTH	3.00	132.00	44.00	859.00	859.00	286.33
1176+57.16	TO	1185+96.10	938.94	SOLID + SKIP-DASH	0.00	1,178.94	0.00	NO PASSING ZONE - WB	3.00	288.00	96.00	1,178.94	1,178.94	392.98
1185+96.10	TO	1228+90.90	4,294.80	SKIP-DASH	1,080.00	0.00	0.00		3.00	1,296.00	432.00	1,080.00	1,080.00	360.00
1228+90.90	TO	1238+22.07	931.17	SOLID + SKIP-DASH	0.00	1,171.17	0.00	NO PASSING ZONE - EB	3.00	288.00	96.00	1,171.17	1,171.17	390.39
1238+22.07	TO	1240+19.71	197.64	DOUBLE SOLID	0.00	0.00	395.00	NO PASSING ZONE - BOTH		0.00				
1240+19.71	TO	1249+41.11	921.40	SOLID + SKIP-DASH	0.00	1,161.40	0.00	NO PASSING ZONE - WB	3.00	288.00	96.00	1,161.40	1,161.40	387.13
1249+41.11	TO	1308+67.17	5,926.06	SKIP-DASH	1,490.00	0.00	0.00		3.00	1,788.00	596.00	1,490.00	1,490.00	496.67
1308+67.17	TO	1315+45.64	678.47	SOLID + SKIP-DASH	0.00	848.47	0.00	NO PASSING ZONE - EB	3.00	204.00	68.00	848.47	848.47	282.82
1315+45.64	TO	1327+00.17	1,154.53	DOUBLE SOLID	0.00	0.00	2,309.00	NO PASSING ZONE - BOTH	3.00	348.00	116.00	2,309.00	2,309.00	769.67
1327+00.17	TO	1335+08.37	808.20	SOLID + SKIP-DASH	0.00	1,018.20	0.00	NO PASSING ZONE - NB	3.00	252.00	84.00	1,018.20	1,018.20	339.40
1335+08.37	TO	1357+35.50	2,227.13	SKIP-DASH	560.00	0.00	0.00		3.00	672.00	224.00	560.00	560.00	186.67
1357+35.50	TO	1365+14.29	778.79	SOLID + SKIP-DASH	0.00	978.79	0.00	NO PASSING ZONE - SB	3.00	240.00	80.00	978.79	978.79	326.26
1365+14.29	TO	1366+92.45	178.16	DOUBLE SOLID	0.00	0.00	356.00	NO PASSING ZONE - BOTH	3.00	60.00	20.00	356.00	356.00	118.67
1366+92.45	TO	1375+90.34	897.89	SOLID + SKIP-DASH	0.00	1,127.89	0.00	NO PASSING ZONE - NB	3.00	276.00	92.00	1,127.89	1,127.89	375.96
1375+90.34	TO	1445+44.53	6,954.19	SKIP-DASH	1,740.00	0.00	0.00		3.00	2,088.00	696.00	1,740.00	1,740.00	580.00
TOTALS =									11,400.00		3,800.00	32,524.68	32,524.68	10,841.56
ROUNDED TOTALS =									11,400.00		3,800.00	32,525.00	32,525.00	10,842.00

Short term pavement marking removal is just for removing from the final surface course.

MODEL: schedule-1 (Sheet) FILE NAME: c:\p\work\70E82-SHS\Schedules.dgn

USER NAME = Tianyi.Sun	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULES OF QUANTITIES	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN -	REVISED -			693	(120)RS-1	MCLEAN	50	14	
	CHECKED -	REVISED -			CONTRACT NO. 70E82					
PLOT DATE = 1/6/2026	DATE -	REVISED -			SCALE:	SHEET 2	OF 11	SHEETS	STA.	TO STA.
ILLINOIS FED. AID PROJECT										

SCHEDULES OF QUANTITIES

TEMPORARY RAMP SCHEDULE								
STA	DIRECTION	LOCATION	REASON FOR RAMP	RAISE (+) DROPOFF (-)		RAMP LENGTH FT	RAMP WIDTH (MEASURED AT THE OFFSIDE OF THE RAMP) FT	40600990
				IN	FT			TEMPORARY RAMP SQ YD
* *	1067+65.34	BOTH	WESTERN PROJECT LIMITS	ML MILLED 2.75"	-2.75	9.17	26.00	26.49
				ML BINDER PLACED	-1.50	5.00	26.00	14.44
	1067+65.41	BOTH	ILL 9 EB & COUNTY RD 00 E	ML MILLED 2.75"	-2.75	9.17	26.00	26.49
				ML BINDER PLACED	-1.50	5.00	26.00	14.44
	1093+79.75	BOTH	ILL 9 WB & COUNTY RD 50 E	ML MILLED 2.75"	-2.75	9.17	18.00	18.34
				ML BINDER PLACED	-1.50	5.00	18.00	10.00
	1147+05.51	BOTH	ILL 9 WB & COUNTY RD 150 E	ML MILLED 2.75"	-2.75	9.17	14.00	14.26
				ML BINDER PLACED	-1.50	5.00	14.00	7.78
	1174+12.03	BOTH	ILL 9 WB & N 200 EAST RD	ML MILLED 2.75"	-2.75	9.17	25.00	25.47
				ML BINDER PLACED	-1.50	5.00	25.00	13.89
	1174+31.32	BOTH	ILL 9 EB & N 200 EAST RD	ML MILLED 2.75"	-2.75	9.17	21.00	21.40
				ML BINDER PLACED	-1.50	5.00	21.00	11.67
	1201+90.72	BOTH	ILL 9 WB & COUNTY RD 250 E	ML MILLED 2.75"	-2.75	9.17	13.00	13.25
				ML BINDER PLACED	-1.50	5.00	13.00	7.22
	1208+32.98	BOTH	S.N. 057-0242	ML MILLED 2.75"	-2.75	9.17	26.00	26.49
				ML BINDER PLACED	-1.50	5.00	26.00	14.44
	1209+72.79	BOTH	S.N. 057-0242	ML MILLED 2.75"	-2.75	9.17	26.00	26.49
				ML BINDER PLACED	-1.50	5.00	26.00	14.44
	1229+63.98	BOTH	ILL 9 EB & COUNTY RD 300 E	ML MILLED 2.75"	-2.75	9.17	21.00	21.40
				ML BINDER PLACED	-1.50	5.00	21.00	11.67
	1269+31.44	BOTH	ILL 9 WB & N 375 EAST RD	ML MILLED 2.75"	-2.75	9.17	15.00	15.28
				ML BINDER PLACED	-1.50	5.00	15.00	8.33
	1317+93.52	BOTH	ILL 9 WB & E 1625 N RD	ML MILLED 2.75"	-2.75	9.17	25.00	25.47
				ML BINDER PLACED	-1.50	5.00	25.00	13.89
	1323+34.33	BOTH	ILL 9 WB & N 375 EAST RD	ML MILLED 2.75"	-2.75	9.17	23.00	23.43
				ML BINDER PLACED	-1.50	5.00	23.00	12.78
	1365+61.42	BOTH	ILL 9 WB & E 1550 NORTH RD	ML MILLED 2.75"	-2.75	9.17	22.00	22.42
				ML BINDER PLACED	-1.50	5.00	22.00	12.22
	1365+67.19	BOTH	ILL 9 EB & E 1550 NORTH RD	ML MILLED 2.75"	-2.75	9.17	22.00	22.42
				ML BINDER PLACED	-1.50	5.00	22.00	12.22
	1418+73.85	BOTH	ILL 9 EB & E 1450 NORTH RD	ML MILLED 2.75"	-2.75	9.17	19.00	19.36
				ML BINDER PLACED	-1.50	5.00	19.00	10.56
**	1445+44.54	BOTH	SOUTHERN PROJECT LIMITS	ML MILLED 2.75"	-2.75	9.17	295.77	301.36
**				ML BINDER PLACED	-1.50	5.00	295.77	164.32
TOTALS =								1,004.13
ROUNDED TOTALS =								1,005.00

* 1:40 TAPER

** 1:40 TAPER & TEMPORARY RAMPS NOT PLACED BEHIND ISLANDS

MODEL: schedule-2 (Sheet)
FILE NAME: c:\p\work\evr\illinois.gov\1018720\0570E62-Sht-Schedules.dgn

USER NAME = Tianyi.Sun	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULES OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -						693	(120)RS-1	MCLEAN	50	15
	CHECKED -	REVISED -						CONTRACT NO. 70E82				
PLOT DATE = 1/6/2026	DATE -	REVISED -						SCALE:	SHEET 3	OF 11	SHEETS	STA.
ILLINOIS FED. AID PROJECT												

SCHEDULES OF QUANTITIES

EASTBOUND INCIDENTAL HMA SCHEDULE										
STA	SIDE	DESCRIPTION	AREA (SQ YD)	THICKNESS (IN)	THICKNESS (IN)	20200100	40600275	40800029	40800050	44000155
						EARTH EXCAVATION (CU YD)	BITUMINOUS MATERIALS (PRIME COAT) (POUND)	BITUMINOUS MATERIALS (TACK COAT) (POUND)	INCIDENTAL HMA SURFACING (TONS)	HMA SURF REM 1 1/2" (SQ YD)
1068+07.71	RT	COUNTY RD 00 E	162.03	1.50				72.90	13.60	162.03
1071+39.59	RT	M.B.T.O.	21.59	1.50				9.70	1.80	21.59
1091+97.10	RT	F.E.	8.87		2.75	0.70	20.00		1.40	
1096+65.80	RT	P.E.	48.06	1.50				21.60	4.00	48.06
1117+46.18	RT	F.E.	7.12		2.75	0.50	16.00		1.10	
1119+67.31	RT	F.E.	12.00		2.75	0.90	27.00		1.80	
1121+89.87	RT	M.B.T.O.	17.49	1.50				7.90	1.50	17.49
1125+64.61	RT	M.B.T.O.	15.05	1.50				6.80	1.30	15.05
1129+83.78	RT	P.E.	45.26	1.50				20.40	3.80	45.26
1133+77.30	RT	P.E.	26.09	1.50				11.70	2.20	26.09
1139+44.73	RT	P.E.	10.55		2.75	0.80	23.70		1.60	
1157+82.83	RT	M.B.T.O.	14.50	1.50				6.50	1.20	14.50
1160+84.27	RT	F.E.	7.77		2.75	0.60	17.50		1.20	
1173+50.83	RT	P.E.	15.48	1.50				7.00	1.30	15.48
1174+79.12	RT	N 200 EAST RD	95.02	1.50				42.80	8.00	95.02
1202+22.54	RT	M.B.T.O.	30.33		2.75	2.30	68.20		4.70	
1218+17.44	RT	EARTH F.E.	16.35		2.75	1.20	36.80		2.50	
1221+68.31	RT	F.E.	35.91		2.75	2.70	80.80		5.50	
1230+03.32	RT	COUNTY RD 300 E	75.54	1.50				34.00	6.30	75.54
1232+48.26	RT	P.E.	11.08		2.75	0.80	24.90		1.70	
1243+39.43	RT	M.B.T.O.	53.35		2.75	4.10	120.00		8.20	
1246+72.44	RT	P.E.	74.09	1.50				33.30	6.20	74.09
1248+03.98	RT	F.E.	7.70		2.75	0.60	17.30		1.20	
1257+22.87	RT	P.E.	45.00		2.75	3.40	101.30		6.90	
1259+00.00	RT	F.E.	16.94		2.75	1.30	38.10		2.60	
1272+79.62	RT	F.E.	18.89		2.75	1.40	42.50		2.90	
1282+87.83	RT	F.E.	8.36		2.75	0.60	18.80		1.30	
1309+25.40	RT	F.E.	13.94		2.75	1.10	31.40		2.10	
1313+25.97	RT	F.E.	24.46		2.75	1.90	55.00		3.80	
1339+69.00	RT	F.E.	7.99		2.75	0.60	18.00		1.20	
1345+76.61	RT	F.E.	6.08		2.75	0.50	13.70		0.90	
1365+98.45	RT	E 1550 N RD	100.55	1.50				45.20	8.40	100.55
1379+16.97	RT	F.E.	16.72		2.75	1.30	37.60		2.60	
1399+51.25	RT	F.E.	20.12		2.75	1.50	45.30		3.10	
1412+55.19	RT	P.E.	33.27	1.50				15.00	2.80	33.27
1419+00.00	RT	E 1450 N RD	70.95		2.75	5.40	159.60		10.90	
1440+62.90	RT	F.E.	56.55		2.75	4.30	127.20		8.70	
EASTBOUND INCIDENTAL - TOTALS =						38.50	1,140.70	334.80	140.30	744.02

MODEL: schedule-4 (Sheet)
 FILE NAME: c:\pwworking\illinois.gov\1018720\0570E62-Sht-Schedules.dgn

USER NAME = Tianyi.Sun	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/6/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: SHEET 5 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(120)RS-1	MCLEAN	50	17
CONTRACT NO. 70E82				
ILLINOIS FED. AID PROJECT				

SCHEDULES OF QUANTITIES

WESTBOUND INCIDENTAL HMA SCHEDULE										
LOCATION	SIDE		AREA (SQ YD)	THICKNESS (IN)	THICKNESS (IN)	20200100	40600275	40800029	40800050	44000155
						EARTH EXCAVATION (CU YD)	BITUMINOUS MATERIALS (PRIME COAT) (POUND)	BITUMINOUS MATERIALS (TACK COAT) (POUND)	INCIDENTAL HMA SURFACING (TONS)	HMA SURF REM 1 1/2" (SQ YD)
1067+77.30	LT	P.E.	10.13		2.75	0.80	22.80		1.60	
1070+11.85	LT	P.E.	15.78		2.75	1.20	35.50		2.40	
1071+66.78	LT	P.E.	14.98	1.50				6.70	1.30	14.98
1088+37.37	LT	EARTH F.E.	7.12		2.75	0.50	16.00		1.10	
1094+28.40	LT	COUNTY RD 50 E	108.99	1.50				49.00	9.20	108.99
1096+70.44	LT	F.E.	6.01		2.75	0.50	13.50		0.90	
1108+76.72	LT	CEMETERY ENTRANCE	8.17		2.75	0.60	18.40		1.30	
1119+67.31	LT	F.E.	17.91		2.75	1.40	40.30		2.80	
1121+97.61	LT	P.E.	20.81		2.75	1.60	46.80		3.20	
1125+76.48	LT	P.E.	10.56	1.50				4.80	0.90	10.56
1133+58.65	LT	F.E.	12.09		2.75	0.90	27.20		1.90	
1147+23.28	LT	COUNTY RD 150 E	55.63	1.50				25.00	4.70	55.63
1156+62.69	LT	P.E.	24.01		2.75	1.80	54.00		3.70	
1160+84.27	LT	F.E.	6.42		2.75	0.50	14.40		1.00	
1174+45.45	LT	N 200 EAST RD	111.57		2.75	8.50	251.00		17.20	
1202+08.95	LT	COUNTY RD 250 E	45.79	1.50				20.60	3.80	45.79
1221+68.31	LT	F.E.	6.84		2.75	0.50	15.40		1.10	
1232+48.26	LT	F.E.	7.65		2.75	0.60	17.20		1.20	
1243+43.39	LT	P.E.	36.15		2.75	2.80	81.30		5.60	
1246+78.61	LT	F.E.	5.85		2.75	0.40	13.20		0.90	
1249+31.31	LT	F.E.	5.40		2.75	0.40	12.20		0.80	
1255+71.82	LT	F.E.	30.40		2.75	2.30	68.40		4.70	
1257+22.87	LT	P.E.	24.63		2.75	1.90	55.40		3.80	
1269+52.49	LT	P.E. & N 375 E RD	54.62		2.75	4.20	122.90		8.40	
1272+83.98	LT	P.E.	22.38	1.50				10.10	1.90	22.38
1282+91.65	LT	F.E.	5.30		2.75	0.40	11.90		0.80	
1288+26.03	LT	P.E.	35.33	1.50				15.90	3.00	35.33
1290+17.28	LT	P.E.	24.03	1.50				10.80	2.00	24.03
1309+28.51	LT	C.E.	24.16	1.50				10.90	2.00	24.16
1313+24.18	LT	C.E.	34.52		2.75	2.60	77.70		5.30	
1315+28.16	LT	C.E.	17.29		2.75	1.30	38.90		2.70	
1316+65.50	LT	C.E.	8.68		2.75	0.70	19.50		1.30	
1318+56.14	LT	C.E.	14.33		2.75	1.10	32.20		2.20	
1318+58.61	LT	E 1625 N RD	334.61	1.50				150.60	28.10	334.61
1324+18.39	LT	COUNTY RD 475 E	403.45	1.50				181.60	33.90	403.45
1333+50.61	LT	F.E.	18.07		2.75	1.40	40.70		2.80	
1339+79.89	LT	F.E.	18.13		2.75	1.40	40.80		2.80	
1346+07.22	LT	P.E.	23.06		2.75	1.80	51.90		3.60	
1349+00.00	LT	P.E.	18.53		2.75	1.40	41.70		2.90	
1365+98.45	LT	E 1550 N RD	83.54	1.50				37.60	7.00	83.54
1366+29.67	LT	F.E.	21.40	1.50				9.60	1.80	21.40
1379+16.97	LT	F.E.	13.64		2.75	1.00	30.70		2.10	
1399+51.25	LT	F.E.	20.16		2.75	1.50	45.40		3.10	
1412+55.19	LT	F.E.	16.59		2.75	1.30	37.30		2.60	
1440+62.90	LT	F.E.	24.39		2.75	1.90	54.90		3.80	
WESTBOUND INCIDENTAL - TOTALS =						49.20	1,449.50	533.20	199.20	1,184.85
EASTBOUND & ROUNDED TOTALS =						88.00	2,590.00	868.00	340.00	1,929.00

MODEL: schedule-5 (Sheet)
 FILE NAME: c:\pwworking\illinois.gov\lanyl.sun@illinois.gov\1018720\DD570E62-Sht-Schedules.dgn

USER NAME = Tlanyl.Sun	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/6/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(120)RS-1	MCLEAN	50	18
CONTRACT NO. 70E82				
ILLINOIS FED. AID PROJECT				

SCHEDULES OF QUANTITIES

AGGREGATE WEDGE SHOULDER SCHEDULE							
STA	TO	STA	DIRECTION	LENGTH FT	WIDTH FT	AVERAGE THICKNESS IN	48102100
							AGGREGATE WEDGE SHOULDER TYPE B TON
1067+65.34	TO	1208+33.03	EB / SB	14,067.69	3.00	1.50	351.69
1067+65.34	TO	1208+33.05	WB / NB	14,067.71	3.00	1.50	351.69
OMISSION - S.N. 057-0242							
1209+73.01	TO	1445+44.54	EB / SB	23,571.53	3.00	1.50	589.29
1209+73.04	TO	1445+44.54	WB / NB	23,571.50	3.00	1.50	589.29
TOTALS =							1,881.96
ROUNDED TOTALS =							1,882.00

ASSUMED CONVERSION: 1 TON = 1.8 x 1 CU YD

RAISED RELECTIVE PAVEMENT MARKER SCHEDULE									
NO PASS ZONE	STATION	TO	STATION	LENGTH FOOT	NUMBER OF MARKERS	SPACING	78100100		78300200
							RAISED REFLECTIVE PAVEMENT MARKER		RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
							2-WAY AMBER EACH	1-WAY CRYSTAL EACH	EACH
EB	1067+65.34	TO	1072+19.84	454.50	1.00	80.00	6.00		6.00
	1072+19.84	TO	1077+18.46	498.62	1.00	80.00	7.00		7.00
EB	1077+18.46	TO	1085+03.35	784.89	1.00	80.00	10.00		10.00
WB	1085+03.35	TO	1092+68.29	764.94	1.00	80.00	10.00		10.00
BOTH	1092+68.29	TO	1096+65.92	397.63	2.00	80.00	10.00		10.00
EB	1096+65.92	TO	1106+42.66	976.74	1.00	80.00	13.00		13.00
BOTH	1106+42.66	TO	1156+65.13	5,022.47	2.00	80.00	126.00		126.00
WB	1156+65.13	TO	1166+48.93	983.80	1.00	80.00	13.00		13.00
EB	1166+48.93	TO	1172+27.81	578.88	1.00	80.00	8.00		8.00
BOTH	1172+27.81	TO	1176+57.16	429.35	2.00	80.00	12.00		12.00
WB	1176+57.16	TO	1185+96.10	938.94	1.00	80.00	12.00		12.00
	1185+96.10	TO	1228+90.90	4,294.80	1.00	80.00	54.00		54.00
EB	1228+90.90	TO	1238+22.07	931.17	1.00	80.00	12.00		12.00
BOTH	1238+22.07	TO	1240+19.71	197.64	2.00	80.00	6.00		6.00
WB	1240+19.71	TO	1249+41.11	921.40	1.00	80.00	12.00		12.00
	1249+41.11	TO	1308+67.17	5,926.06	1.00	80.00	75.00		75.00
EB	1308+67.17	TO	1315+45.64	678.47	1.00	80.00	9.00		9.00
BOTH	1315+45.64	TO	1327+00.17	1,154.53	2.00	80.00	30.00		30.00
* EB	1317+63.14	TO	1325+66.07	802.93	1.00	40.00		22.00	
* WB	1317+63.14	TO	1325+66.07	802.93	1.00	40.00		22.00	
WB	1327+00.17	TO	1335+08.37	808.20	1.00	80.00	11.00		11.00
	1335+08.37	TO	1357+35.50	2,227.13	1.00	80.00	28.00		28.00
WB	1357+35.50	TO	1365+14.29	778.79	1.00	80.00	10.00		10.00
BOTH	1365+14.29	TO	1366+92.45	178.16	2.00	80.00	6.00		6.00
WB	1366+92.45	TO	1375+90.34	897.89	1.00	80.00	12.00		12.00
	1375+90.34	TO	1445+59.28	6,968.94	1.00	80.00	88.00		88.00
TOTALS =							580.00	44.00	580.00

* RAISED RELECTIVE PAVEMENT MARKERS ON HORIZONTAL CURVES.

MODEL: schedule-6 (Sheet)
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USER NAME = Tianyi.Sun	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/27/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: SHEET 7 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(120)RS-1	MCLEAN	50	19
CONTRACT NO. 70E82				
ILLINOIS		FED. AID PROJECT		

SCHEDULES OF QUANTITIES

CENTERLINE RUMBLE STRIPS SCHEDULE				
STA	TO	STA	64200214	40600290
			SINUSOIDAL RUMBLE STRIPS, 14 INCH	BITUMINOUS MATERIALS (TACK COAT)
			FOOT	POUND
			RATE	0.05
1068+45.86	TO	1093+79.75	2,533.89	190.04
1094+66.09	TO	1147+05.51	5,239.42	392.96
1147+54.13	TO	1174+12.03	2,657.90	199.34
1175+15.02	TO	1201+90.72	2,675.70	200.68
1202+31.90	TO	1208+32.98	601.08	45.08
1209+72.79	TO	1229+63.98	1,991.19	149.34
1230+25.37	TO	1269+31.44	3,906.07	292.96
1269+76.34	TO	1317+93.36	4,817.02	361.28
1318+83.81	TO	1324+02.76	518.95	38.92
1325+02.70	TO	1365+61.42	4,058.72	304.4
1366+36.62	TO	1418+73.85	5,237.23	392.79
1419+24.63	TO	1445+44.54	2,619.91	196.49
TOTALS =			36,857.08	2764.28
ROUNDED TOTALS =			36,858.00	2,765.00

CENTERLINE RUMBLE STRIPS GAP AT SIDE ROADS AND BRIDGES.
FOG SEAL APPLICATION RATE = 0.05 LB/SQ FT, 18" WIDE.

SHOULDER RUMBLE STRIPS SCHEDULE					
DIRECTION	STA	TO	STA	64200108	40600290
				SHOULDER RUMBLE STRIPS, 8 INCH	BITUMINOUS MATERIALS (TACK COAT)
				FT	POUND
				RATE	0.05
EB	1068+77.33	TO	1071+04.48	227.15	11.36
EB	1071+65.29	TO	1091+90.69	2,025.40	101.27
EB	1092+19.07	TO	1096+37.36	418.29	20.91
EB	1097+26.33	TO	1117+33.50	2,007.17	100.36
EB	1117+57.26	TO	1119+48.65	191.39	9.57
EB	1119+89.70	TO	1121+55.02	165.32	8.27
EB	1122+21.94	TO	1125+45.15	323.21	16.16
EB	1126+04.98	TO	1129+16.54	311.56	15.58
EB	1130+23.06	TO	1133+54.06	331.00	16.55
EB	1134+29.29	TO	1139+33.74	504.45	25.22
EB	1139+71.32	TO	1157+48.51	1,777.19	88.86
EB	1158+13.33	TO	1160+76.24	262.91	13.15
EB	1161+02.17	TO	1173+36.10	1,233.93	61.7
EB	1173+67.33	TO	1174+31.32	63.99	3.2
EB	1175+15.02	TO	1201+61.03	2,646.01	132.3
EB	1202+45.37	TO	1217+99.62	1,554.25	77.71
EB	1218+41.79	TO	1220+89.00	247.21	12.36
EB	1221+89.72	TO	1229+63.98	774.26	38.71
EB	1230+25.37	TO	1232+27.59	202.22	10.11
EB	1232+67.27	TO	1242+53.56	986.29	49.31
EB	1243+65.71	TO	1246+06.81	241.10	12.05
EB	1246+93.44	TO	1247+90.70	97.26	4.86
EB	1248+17.10	TO	1256+68.89	851.79	42.59
EB	1257+66.04	TO	1258+73.29	107.25	5.36
EB	1259+34.25	TO	1272+23.87	1,289.62	64.48
EB	1272+89.57	TO	1282+73.15	983.58	49.18
EB	1283+01.03	TO	1309+03.35	2,602.32	130.12
EB	1309+45.67	TO	1313+04.59	358.92	17.95
EB	1313+52.10	TO	1339+58.98	2,606.88	130.34
EB	1339+83.88	TO	1345+70.87	586.99	29.35
EB	1345+89.80	TO	1365+67.19	1,977.39	98.87
EB	1366+34.37	TO	1379+03.19	1,268.82	63.44
EB	1379+38.03	TO	1399+28.42	1,990.39	99.52
EB	1399+74.11	TO	1412+33.20	1,259.09	62.95
EB	1412+80.91	TO	1418+73.85	592.94	29.65
EB	1419+24.63	TO	1440+25.59	2,100.96	105.05
EB	1440+96.79	TO	1445+44.75	447.96	22.4
EASTBOUND SUB-TOTAL =				35,616.46	1,780.82

FOG SEAL APPLICATION RATE = 0.05 LB/SQ FT , 12" WIDE.

SHOULDER RUMBLE STRIPS SCHEDULE					
DIRECTION	STA	TO	STA	64200108	40600290
				SHOULDER RUMBLE STRIPS, 8 INCH	BITUMINOUS MATERIALS (TACK COAT)
				FT	POUND
				RATE	0.05
WB	1067+97.76	TO	1069+95.60	197.84	9.89
WB	1070+24.01	TO	1071+54.13	130.12	6.51
WB	1071+86.19	TO	1088+25.09	1,638.90	81.94
WB	1088+50.43	TO	1093+79.75	529.32	26.47
WB	1094+65.97	TO	1096+60.85	194.88	9.74
WB	1096+81.52	TO	1108+66.79	1,185.27	59.26
WB	1108+93.70	TO	1119+37.41	1,043.71	52.19
WB	1120+05.57	TO	1121+79.40	173.83	8.69
WB	1122+20.54	TO	1125+59.24	338.70	16.94
WB	1125+98.43	TO	1133+43.37	744.94	37.25
WB	1133+89.66	TO	1147+05.51	1,315.85	65.79
WB	1147+54.13	TO	1156+39.55	885.42	44.27
WB	1156+82.40	TO	1160+69.26	386.86	19.34
WB	1160+91.62	TO	1174+12.03	1,320.41	66.02
WB	1174+96.11	TO	1201+90.72	2,694.61	134.73
WB	1202+31.90	TO	1221+55.68	1,923.78	96.19
WB	1221+79.44	TO	1232+34.17	1,054.73	52.74
WB	1232+61.63	TO	1243+19.10	1,057.47	52.87
WB	1243+67.53	TO	1246+67.71	300.18	15.01
WB	1246+87.82	TO	1249+21.81	233.99	11.70
WB	1249+40.81	TO	1255+23.86	583.05	29.15
WB	1256+14.71	TO	1256+95.59	80.88	4.04
WB	1257+45.31	TO	1269+31.44	1,186.13	59.31
WB	1269+76.34	TO	1272+68.27	291.93	14.60
WB	1273+00.11	TO	1282+82.21	982.10	49.11
WB	1283+01.15	TO	1287+97.27	496.12	24.81
WB	1288+48.73	TO	1289+89.28	140.55	7.03
WB	1290+35.32	TO	1308+89.67	1,854.35	92.72
WB	1309+53.20	TO	1312+82.40	329.20	16.46
WB	1313+57.16	TO	1315+04.76	147.60	7.38
WB	1315+50.22	TO	1317+63.19	212.97	10.65
WB	1319+07.67	TO	1323+36.03	428.36	21.42
WB	1325+02.79	TO	1333+31.99	829.20	41.46
WB	1333+75.22	TO	1339+58.71	583.49	29.17
WB	1340+04.37	TO	1345+86.26	581.89	29.09
WB	1346+30.43	TO	1348+82.83	252.40	12.62
WB	1349+12.56	TO	1365+61.42	1,648.86	82.44
WB	1366+48.54	TO	1379+04.30	1,255.76	62.79
WB	1379+29.85	TO	1399+24.82	1,994.97	99.75
WB	1399+68.04	TO	1412+42.74	1,274.70	63.73
WB	1412+78.74	TO	1440+46.48	2,767.74	138.39
WB	1440+83.78	TO	1445+44.22	460.44	23.02
WESTBOUND SUB-TOTAL =				35,733.50	1,786.68
EASTBOUND & WESTBOUND TOTAL =				71,349.96	3,567.50
EASTBOUND & WESTBOUND ROUNDED TOTAL =				71,350.00	3,568.00

FOG SEAL APPLICATION RATE = 0.05 LB/SQ FT, 12" WIDE.

MODEL: schedule-7 (Sheet)
FILE NAME: c:\pwworking\illinois.gov\1018720\0570E82-Sht-Schedules.dgn

USER NAME = Tianyi.Sun	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/6/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(120)RS-1	MCLEAN	50	20
CONTRACT NO. 70E82				
ILLINOIS FED. AID PROJECT				

SCHEDULES OF QUANTITIES

HMA MAINLINE RESURFACING SCHEDULE																
DIRECTION	STA	TO	STA	LENGTH FT	WIDTH FT	AREA SQ FT	AREA SQ YD	SURFACE THICKNESS IN	BINDER THICKNESS IN	40600290		40602965	40604060	44000160	Z0010910	
										MAINLINE BIT MATL (TACK COAT)	HMA BINDER COURSE IL-9.5FG N50	HMA SURFACE COURSE IL-9.5 MIX "D", N50	HMA SURFACE REMOVAL 2 3/4"	COLD MILLING (SPECIAL)		
										POUND	TON	TON	SQ YD	SQ YD		
										0.05	0.025					
EB	1067+65.34	TO	1208+32.98	14,067.64	13.00	182,879.32	20,319.92	1.50	1.25	9,143.97	4,571.98	1,422.39	1,706.87	20,319.92		
OMISSION - S.N. 057-0242																
EB	1209+72.79	TO	1320+95.25	11,122.46	13.00	144,591.98	16,065.78	1.50	1.25	7,229.60	3,614.80	1,124.60	1,349.53	16,065.78		
EB	1320+95.25	TO	1325+49.57	454.32	12.00	5,451.84	605.76	1.50	1.25	272.59	136.30	42.40	50.88	605.76		
EB	1320+95.25	TO	1325+49.57	454.32	1.00	454.32	50.48	1.50	1.25	22.72	11.36	3.53	4.24		50.48	
EB	1325+49.57	TO	1443+26.98	11,777.41	13.00	153,106.33	17,011.81	1.50	1.25	7,655.32	3,827.66	1,190.83	1,428.99	17,011.81		
*	EB	1443+26.98	TO	1445+44.54	217.56	N/A	7,203.13	800.35	1.50	1.25	360.16	180.08	56.02	67.23	800.35	
EASTBOUND / SOUTHBOUND TOTALS =										37,026.54		3,839.77	4,607.74	54,803.62	50.48	
WB	1067+65.34	TO	1139+44.60	7,179.26	13.00	93,330.38	10,370.04	1.50	1.25	4,666.52	2,333.26	725.90	871.08	10,370.04		
WB	1139+44.60	TO	1146+54.11	709.51	10.00	7,095.10	788.34	1.50	1.25	354.75	177.38	55.18	66.22	788.34		
WB	1139+44.60	TO	1146+54.11	709.51	3.00	2,128.53	236.50	1.50	1.25	106.43	53.21	16.56	19.87		236.50	
WB	1146+54.11	TO	1208+32.98	6,178.87	13.00	80,325.31	8,925.03	1.50	1.25	4,016.27	2,008.13	624.75	749.70	8,925.03		
OMISSION - S.N. 057-0242																
WB	1209+72.79		1443+26.98	23,354.19	13.00	303,604.47	33,733.83	1.50	1.25	15,180.22	7,590.11	2,361.37	2,833.64	33,733.83		
**	WB	1443+26.98		1445+44.54	217.56	N/A	8,272.13	919.13	1.50	1.25	413.61	206.80	64.34	77.21	919.13	
WESTBOUND / NORTHBOUND TOTALS =										37,106.69		3,848.10	4,617.72	54,736.37	236.5	
TOTALS =										74,133.23		7,687.87	9,225.46	109,539.99	286.98	
ROUNDED TOTALS =										74,134.00		7,688.00	9,226.00	109,540.00	287.00	

*SB LTL. AREA MEASURED IN CADD. ISLAND AREA REMOVED
 **NB TURN AREA MEASURED IN CADD. ISLAND AREA REMOVED
 PRIME APPLICATION RATE = 0.05 LB/SQ FT FOR MILLED SURFACE, 0.025 LB/SQ FT FOR BINDER.

HMA SHOULDERS RESURFACING SCHEDULE											
DIRECTION	STA	TO	STA	AREA SQ FT	AREA SQ YD	SURFACE THICKNESS IN	40600290		48203003	44000155	48102100
							SHOULDERS BIT MATL (TACK COAT)	HOT-MIX ASPHALT SHOULDERS 1 1/2"	HMA SURFACE REMOVAL 1 1/2"	AGGREGATE WEDGE SHOULDER TYPE B	
							POUND	TON	SQ YD	TON	
EB	1206+89.67	TO	1208+33.04	462.22	51.36	1.50	23.11	4.31	51.36		
EB	1206+89.67	TO	1208+33.04	396.48	44.05	1.50			44.05	3.30	
EB	1209+73.01	TO	1210+88.00	366.36	40.71	1.50	18.32	3.42	40.71		
EB	1209+73.01	TO	1210+88.00	307.64	34.18	1.50			34.18	2.56	
WB	1207+17.90	TO	1208+33.05	375.37	41.71	1.50	18.77	3.50	41.71		
WB	1207+17.90	TO	1208+33.05	264.13	29.35	1.50			29.35	2.20	
WB	1209+73.04	TO	1211+26.40	429.45	47.72	1.50	21.47	4.01	47.72		
WB	1209+73.04	TO	1211+26.40	442.94	49.22	1.50			49.22	3.69	
EB	1443+26.98	TO	1445+44.54	1,123.08	124.79	1.50	56.15	10.48	124.79		
WB	1443+26.98	TO	1445+44.54	1,489.33	165.48	1.50	74.47	13.90	165.48		
TOTALS =							81.67	15.24	628.57	11.75	
ROUNDED TOTALS =							82.00	16.00	629.00	12.00	

LJS SCHEDULE				
STA	TO	STA	LENGTH FOOT	40600370
				LONGITUDINAL JOINT SEALANT FOOT
1067+65.34	TO	1208+32.98	14,067.64	14,067.64
OMISSION - S.N. 057-0242				
1209+72.79	TO	1445+44.54	23,571.75	23,571.75
TOTALS =				37,639.39
TOTALS =				37,640.00

MODEL: schedule-8 (Sheet)
FILE NAME: c:\pwworking\illinois.gov\lanyl.sun@illinois.gov\1018720\0570E82-Sht-Schedules.dgn

SCHEDULES OF QUANTITIES

APPROX.	DIR	LANE	LENGTH	WIDTH	SQ. YD	CLASS D PATCHES, TYPE I, 15.0 (SQ. YD)	CLASS D PATCHES, TYPE II, 15.0 (SQ. YD)	CLASS D PATCHES TYPE III, 15.0 (SQ. YD)	CLASS D PATCHES TYPE IV, 15.0 (SQ. YD)
STATION						44201823	44201827	44201831	44201833
LOCATION									
1285+68	EB	DL	4.5	12	6.0	0.0	6.0	0.0	0.0
1301+28	EB	DL	4.5	12	6.0	0.0	6.0	0.0	0.0
1311+28	EB	DL	4.5	12	6.0	0.0	6.0	0.0	0.0
1312+88	EB	DL	4.5	12	6.0	0.0	6.0	0.0	0.0
1316+50	EB	DL	5	12	6.7	0.0	6.7	0.0	0.0
1345+58	EB	DL	4.5	12	6.0	0.0	6.0	0.0	0.0
1353+18	EB	DL	4.5	12	6.0	0.0	6.0	0.0	0.0
1354+38	EB	DL	10	12	13.3	0.0	13.3	0.0	0.0
1356+78	EB	DL	4.5	12	6.0	0.0	6.0	0.0	0.0
1357+98	EB	DL	4.5	12	6.0	0.0	6.0	0.0	0.0
1362+78	EB	DL	4.5	12	6.0	0.0	6.0	0.0	0.0
1380+50	EB	DL	6	12	8.0	0.0	8.0	0.0	0.0
1382+50	EB	DL	6	12	8.0	0.0	8.0	0.0	0.0
1392+10	EB	DL	6	12	8.0	0.0	8.0	0.0	0.0
1420+10	EB	DL	4.5	12	6.0	0.0	6.0	0.0	0.0
1426+50	EB	DL	4.5	12	6.0	0.0	6.0	0.0	0.0
1437+50	EB	DL	4.5	12	6.0	0.0	6.0	0.0	0.0
1443+19	EB	DL	4.5	12	6.0	0.0	6.0	0.0	0.0
1285+68	WB	DL	4.5	12	6.0	0.0	6.0	0.0	0.0
1301+28	WB	DL	4.5	12	6.0	0.0	6.0	0.0	0.0
1312+88	WB	DL	4.5	12	6.0	0.0	6.0	0.0	0.0
1365+58	WB	DL	4.5	12	6.0	0.0	6.0	0.0	0.0
1380+50	WB	DL	6	12	8.0	0.0	8.0	0.0	0.0
1382+50	WB	DL	6	12	8.0	0.0	8.0	0.0	0.0
1390+50	WB	DL	4.5	12	6.0	0.0	6.0	0.0	0.0
1392+10	WB	DL	6	12	8.0	0.0	8.0	0.0	0.0
1420+10	WB	DL	4.5	12	6.0	0.0	6.0	0.0	0.0
1426+50	WB	DL	4.5	12	6.0	0.0	6.0	0.0	0.0
1437+50	WB	DL	4.5	12	6.0	0.0	6.0	0.0	0.0
1443+19	WB	DL	4.5	12	6.0	0.0	6.0	0.0	0.0
TOTAL					200.0	0.0	200.0	0.0	0.0

MODEL: schedule-10 (Sheet)
 FILE NAME: c:\p\work\evict\illinois.gov_tianyil.sun@illinois.gov\1018720\0570E62-Sht-Schedules.dgn

USER NAME = Tianyi.Sun	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/6/2026	DATE -	REVISED -

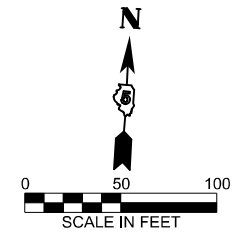
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

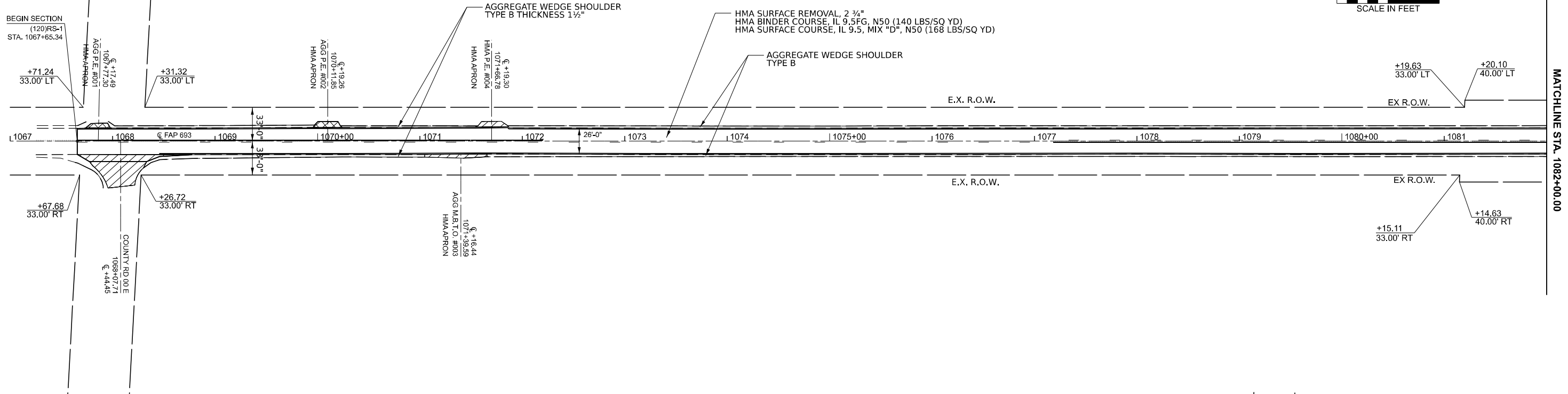
SCALE: SHEET 11 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(120)RS-1	MCLEAN	50	23
CONTRACT NO. 70E82				
ILLINOIS FED. AID PROJECT				

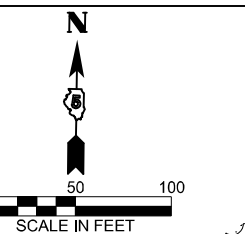
Sec 19, T24N, R1W, 3 PM



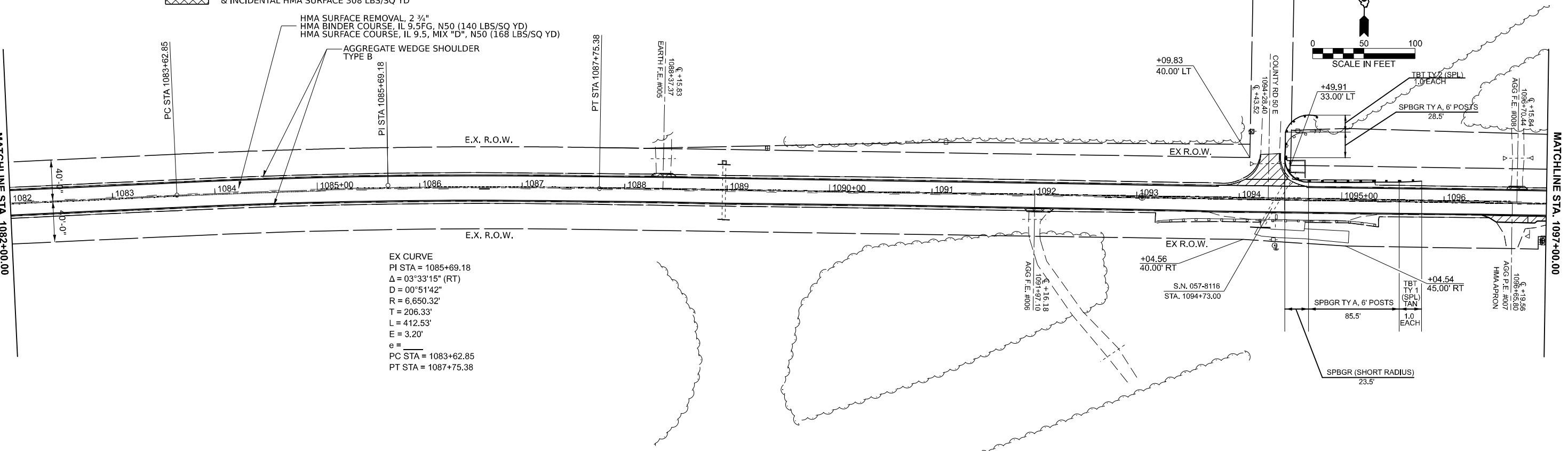
- HMA SURFACE REMOVAL, SPECIAL & INCIDENTAL HMA SURFACE 168 LBS/SQ YD
- EARTH EXCAVATION & INCIDENTAL HMA SURFACE 308 LBS/SQ YD



Sec 19, T24N, R1W, 3 PM



- HMA SURFACE REMOVAL, SPECIAL & INCIDENTAL HMA SURFACE 168 LBS/SQ YD
- EARTH EXCAVATION & INCIDENTAL HMA SURFACE 308 LBS/SQ YD



MODEL: ILL 9 double plan sheets - ILL 9 double plan sheets (Sheet)
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USER NAME = Tianyi.Sun	DESIGNED - BAF	REVISED -
	DRAWN -	REVISED -
	CHECKED - TJP	REVISED -
PLOT DATE = 1/27/2026	DATE -	REVISED -



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

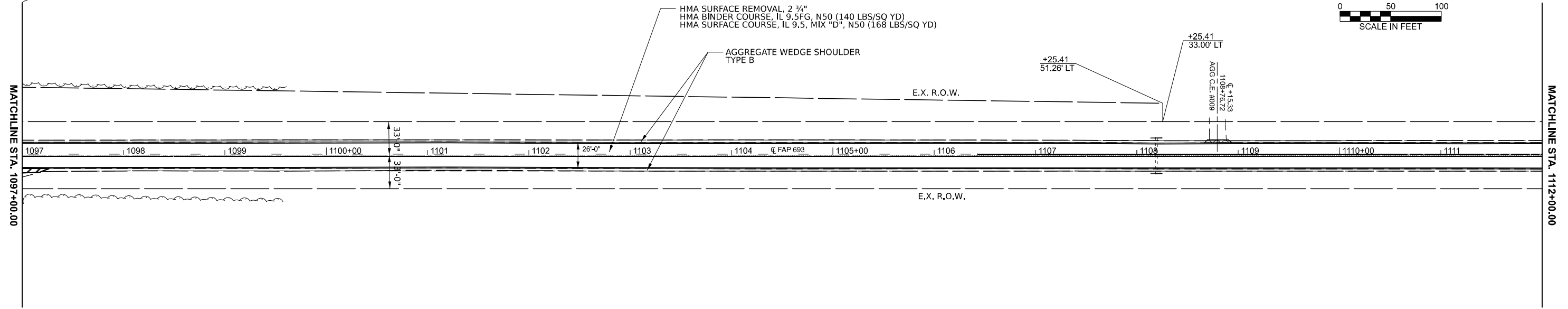
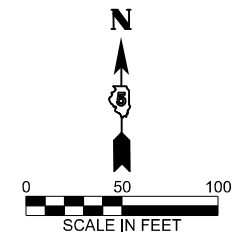
ILL 9 PLAN SHEETS

SCALE: 1"=50' SHEET 1 OF 13 SHEETS STA. 1067+00.00 TO STA. 1097+00.00



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(120)RS-1	MCLEAN	50	25
CONTRACT NO. 70E82				
ILLINOIS FED. AID PROJECT				

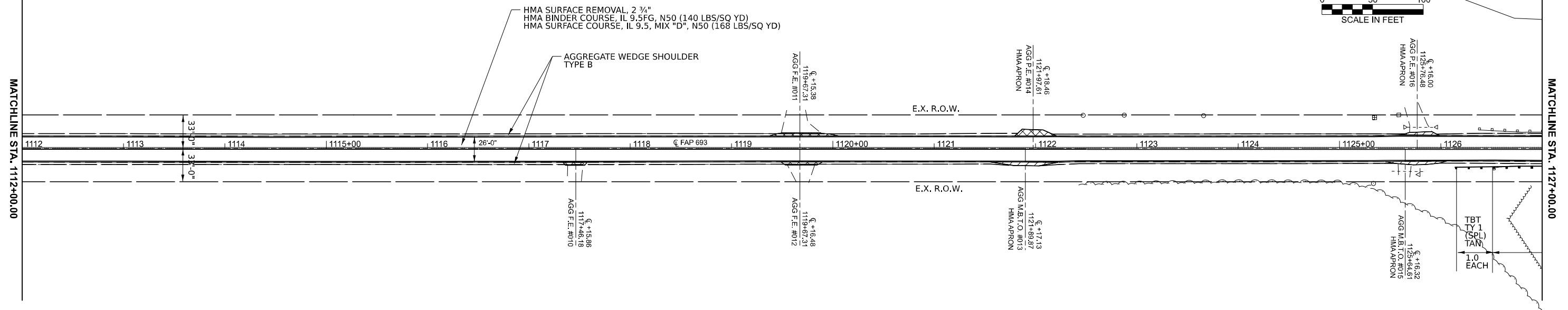
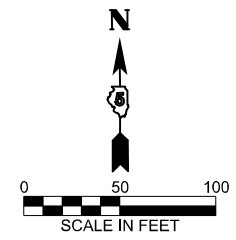
Sec 19, T24N, R1W, 3 PM

-  HMA SURFACE REMOVAL, SPECIAL & INCIDENTAL HMA SURFACE 168 LBS/SQ YD
-  EARTH EXCAVATION & INCIDENTAL HMA SURFACE 308 LBS/SQ YD



Sec 20, T24N, R1W, 3 PM

-  HMA SURFACE REMOVAL, SPECIAL & INCIDENTAL HMA SURFACE 168 LBS/SQ YD
-  EARTH EXCAVATION & INCIDENTAL HMA SURFACE 308 LBS/SQ YD



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USER NAME = Tianyi.Sun	DESIGNED - BAF	REVISED -
	DRAWN -	REVISED -
	CHECKED - TJP	REVISED -
PLOT DATE = 1/27/2026	DATE -	REVISED -

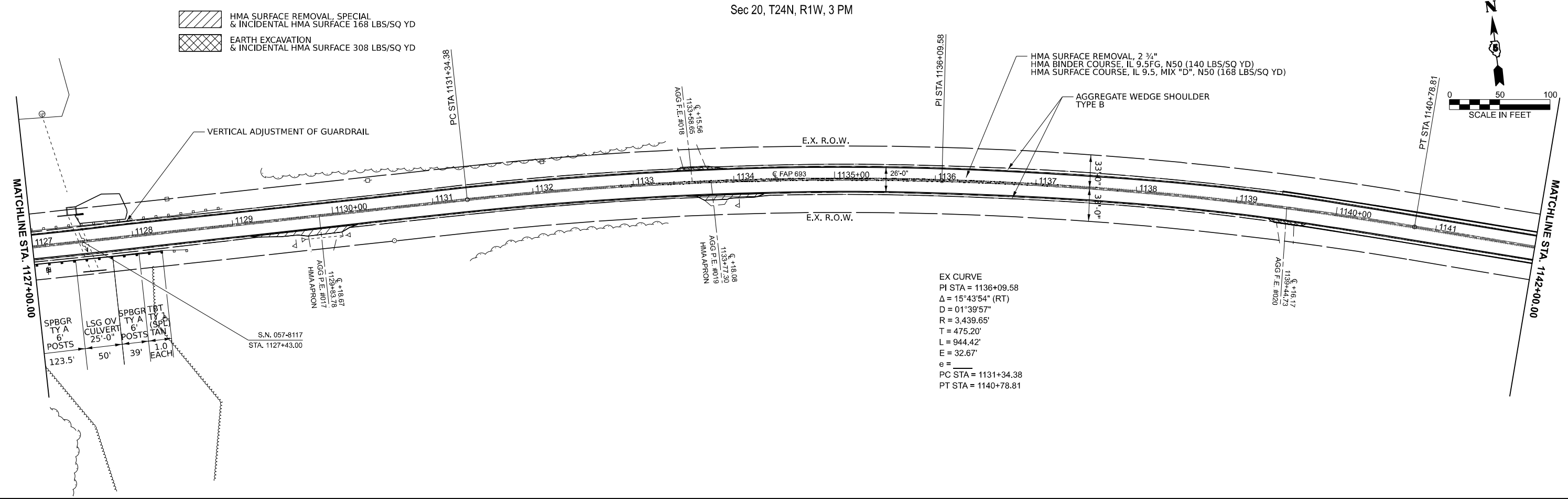
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ILL 9 PLAN SHEETS

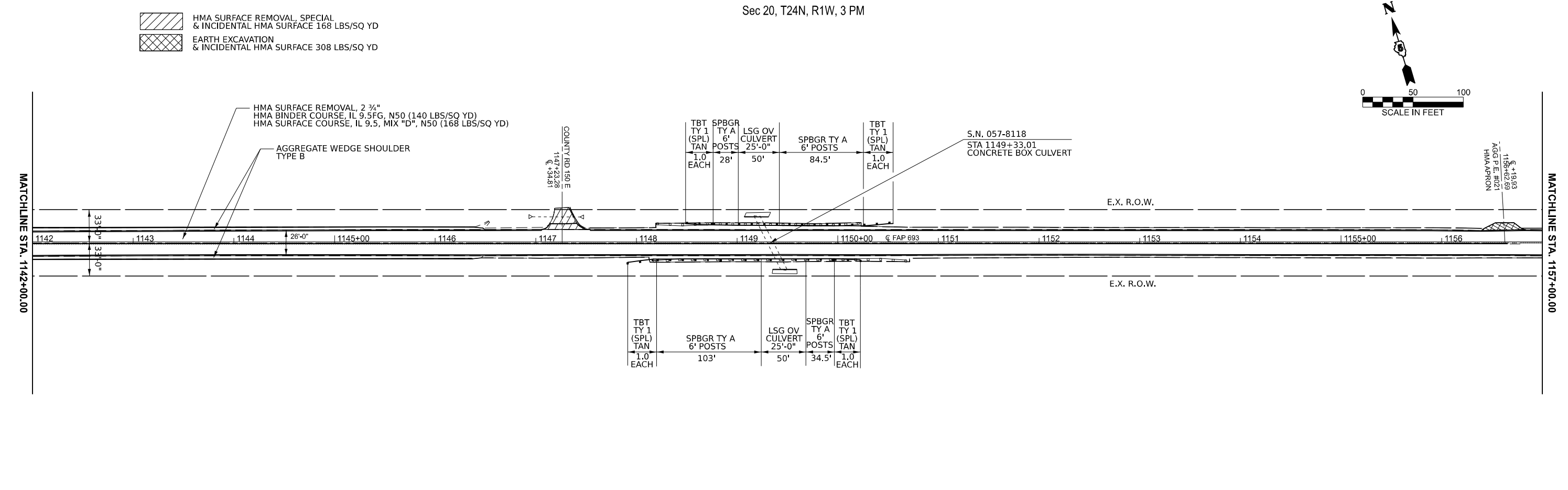
SCALE: 1"=50' SHEET 2 OF 13 SHEETS STA. 1097+00.00 TO STA. 1127+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(120)RS-1	MCLEAN	50	26
CONTRACT NO. 70E82				
ILLINOIS FED. AID PROJECT				

Sec 20, T24N, R1W, 3 PM



Sec 20, T24N, R1W, 3 PM



MODEL: ILL 9 double plan sheets - ILL 9 double plan sheets-4 (Sheet)
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USER NAME = Tianyi.Sun	DESIGNED - BAF	REVISED -
	DRAWN -	REVISED -
	CHECKED - TJP	REVISED -
PLOT DATE = 1/27/2026	DATE -	REVISED -



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

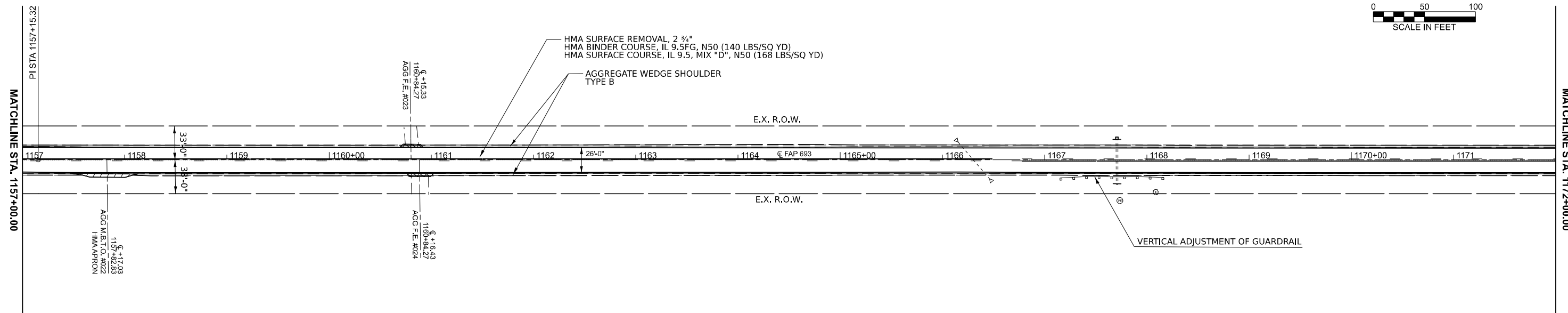
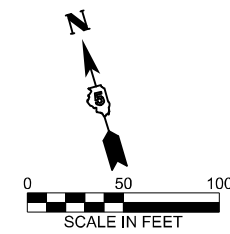
ILL 9 PLAN SHEETS

SCALE: 1"=50' SHEET 3 OF 13 SHEETS STA. 1127+00.00 TO STA. 1157+00.00



F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(120)RS-1	MCLEAN	50	27
CONTRACT NO. 70E82				
ILLINOIS FED. AID PROJECT				

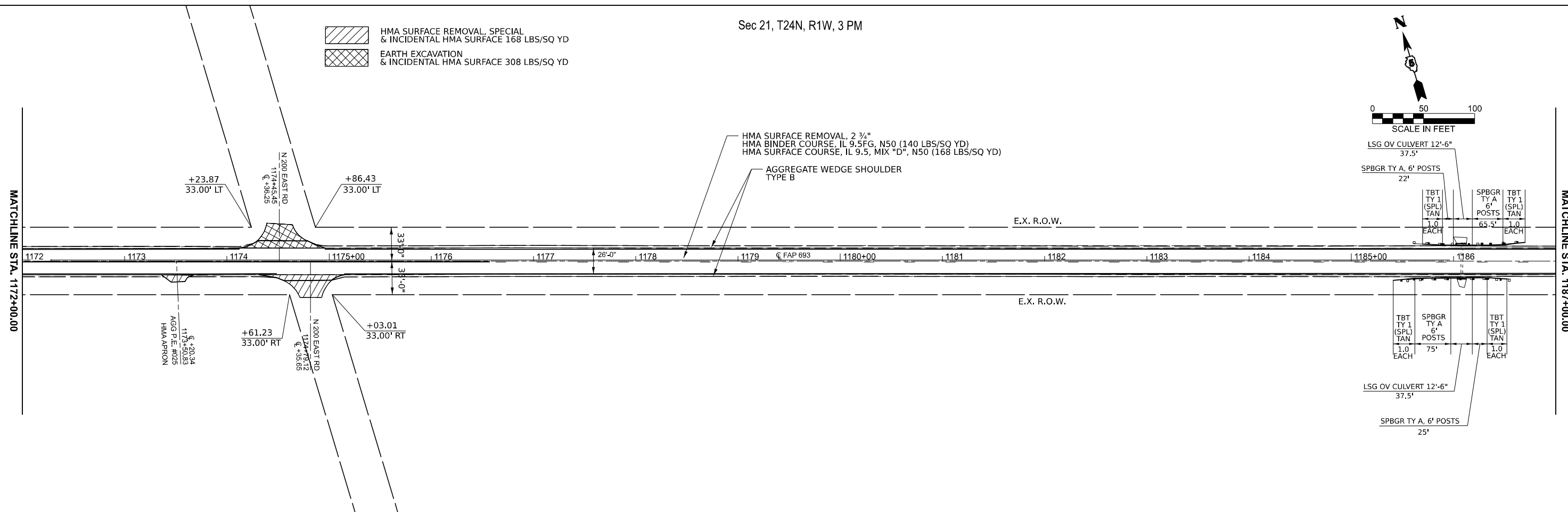
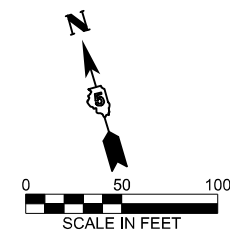
Sec 20, T24N, R1W, 3 PM

-  HMA SURFACE REMOVAL, SPECIAL & INCIDENTAL HMA SURFACE 168 LBS/SQ YD
-  EARTH EXCAVATION & INCIDENTAL HMA SURFACE 308 LBS/SQ YD



Sec 21, T24N, R1W, 3 PM

-  HMA SURFACE REMOVAL, SPECIAL & INCIDENTAL HMA SURFACE 168 LBS/SQ YD
-  EARTH EXCAVATION & INCIDENTAL HMA SURFACE 308 LBS/SQ YD



MODEL: ILL 9 double plan sheets - ILL 9 double plan sheets=6 (Sheet)
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	DRAWN -	REVISED -
	CHECKED - TJP	REVISED -
PLOT DATE = 1/27/2026	DATE -	REVISED -



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

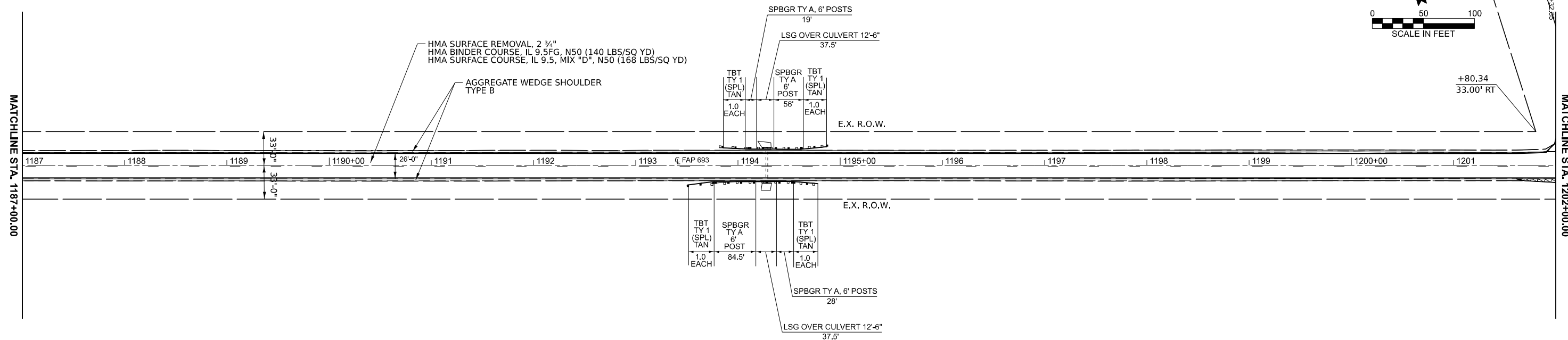
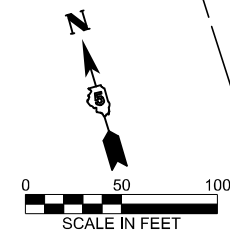
ILL 9 PLAN SHEETS

SCALE: 1"=50' SHEET 4 OF 13 SHEETS STA. 1157+00.00 TO STA. 1187+00.00



F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(120)RS-1	MCLEAN	50	28
CONTRACT NO. 70E82				
ILLINOIS FED. AID PROJECT				

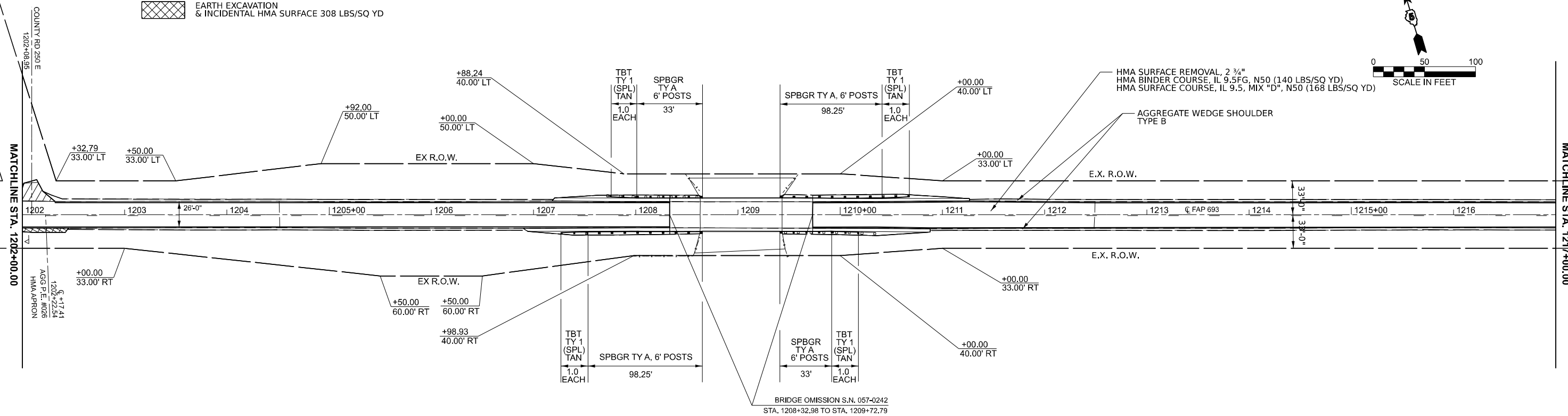
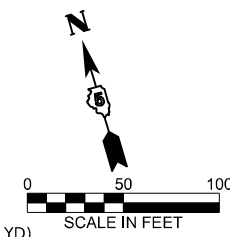
Sec 21, T24N, R1W, 3 PM

-  HMA SURFACE REMOVAL, SPECIAL & INCIDENTAL HMA SURFACE 168 LBS/SQ YD
-  EARTH EXCAVATION & INCIDENTAL HMA SURFACE 308 LBS/SQ YD



Sec 21, T24N, R1W, 3 PM

-  HMA SURFACE REMOVAL, SPECIAL & INCIDENTAL HMA SURFACE 168 LBS/SQ YD
-  EARTH EXCAVATION & INCIDENTAL HMA SURFACE 308 LBS/SQ YD



MODEL: ILL 9 double plan sheets - ILL 9 double plan sheets-8 (Sheet)
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
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	CHECKED - TJP	REVISED -
PLOT DATE = 1/27/2026	DATE -	REVISED -

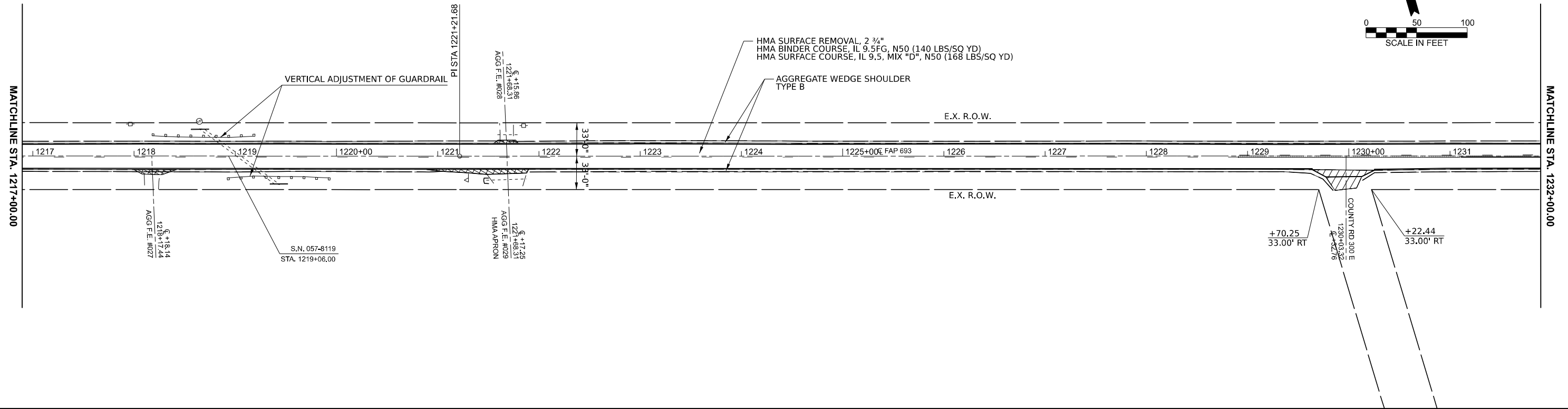
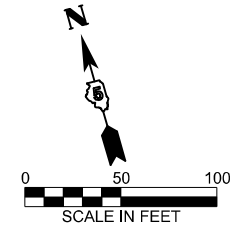
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ILL 9 PLAN SHEETS			
SCALE: 1"=50'	SHEET 5	OF 13 SHEETS	STA. 1187+00.00 TO STA. 1217+00.00



F.A.P. RTE. 693	SECTION (120)RS-1	COUNTY MCLEAN	TOTAL SHEETS 50	SHEET NO. 29
CONTRACT NO. 70E82				
ILLINOIS FED. AID PROJECT				

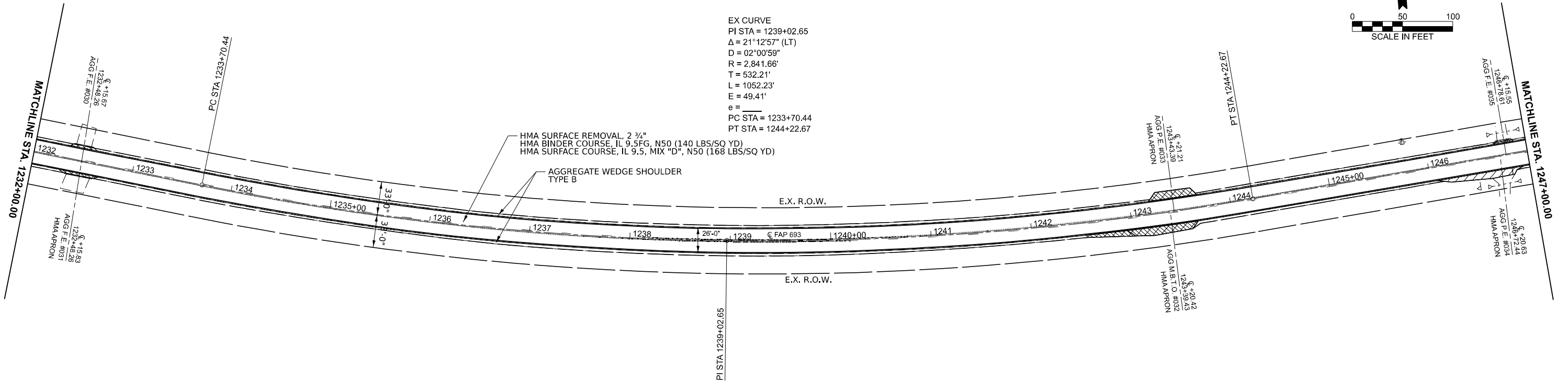
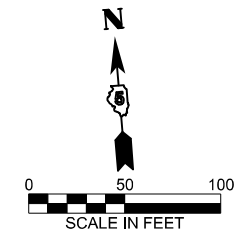
Sec 21, T24N, R1W, 3 PM

-  HMA SURFACE REMOVAL, SPECIAL & INCIDENTAL HMA SURFACE 168 LBS/SQ YD
-  EARTH EXCAVATION & INCIDENTAL HMA SURFACE 308 LBS/SQ YD



Sec 22, T24N, R1W, 3 PM

-  HMA SURFACE REMOVAL, SPECIAL & INCIDENTAL HMA SURFACE 168 LBS/SQ YD
-  EARTH EXCAVATION & INCIDENTAL HMA SURFACE 308 LBS/SQ YD



MODEL: ILL 9 double plan sheets - ILL 9 double plan sheets-1-10 (Sheet)
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

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PLOT DATE = 1/23/2026	DATE -	REVISED -

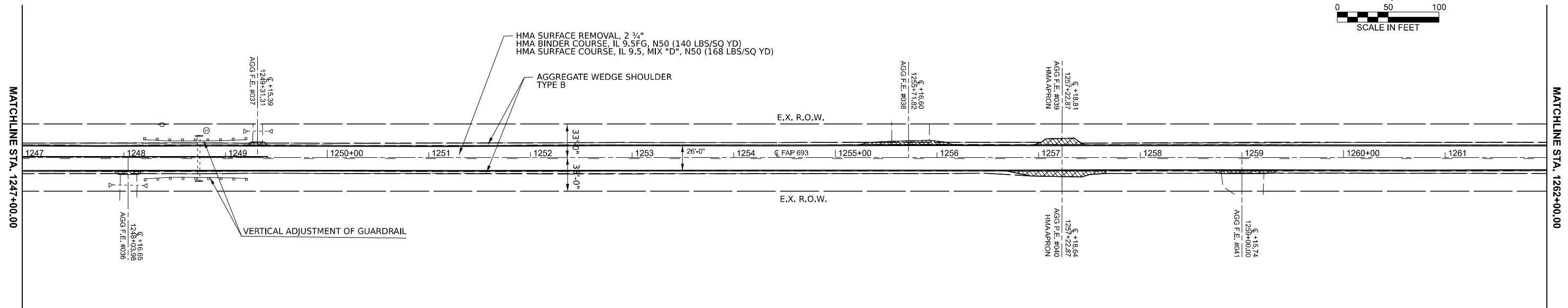
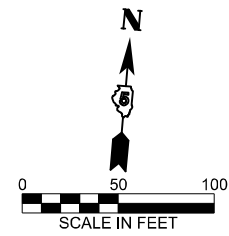
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



ILL 9 PLAN SHEETS

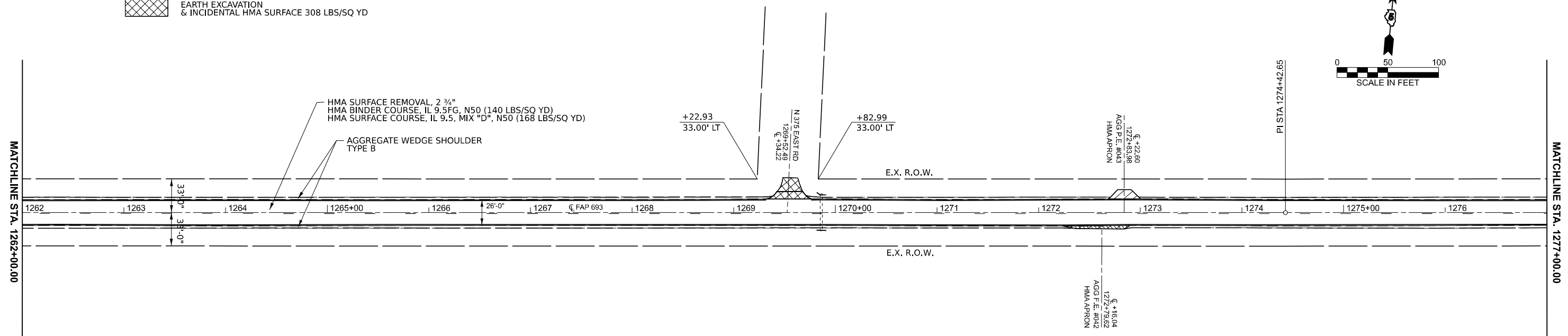
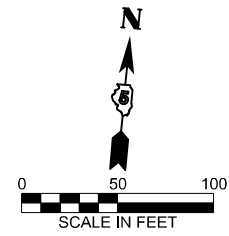
SCALE: 1"=50' SHEET 6 OF 13 SHEETS STA. 1217+00.00 TO STA. 1247+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(120)RS-1	MCLEAN	50	30
CONTRACT NO. 70E82				
ILLINOIS FED. AID PROJECT				

 HMA SURFACE REMOVAL, SPECIAL & INCIDENTAL HMA SURFACE 168 LBS/SQ YD
 EARTH EXCAVATION & INCIDENTAL HMA SURFACE 308 LBS/SQ YD



 HMA SURFACE REMOVAL, SPECIAL & INCIDENTAL HMA SURFACE 168 LBS/SQ YD
 EARTH EXCAVATION & INCIDENTAL HMA SURFACE 308 LBS/SQ YD



MODEL: ILL 9 double plan sheets - ILL 9 double plan sheets-12 (Sheet)
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	DRAWN -	REVISED -
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PLOT DATE = 1/23/2026	DATE -	REVISED -



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

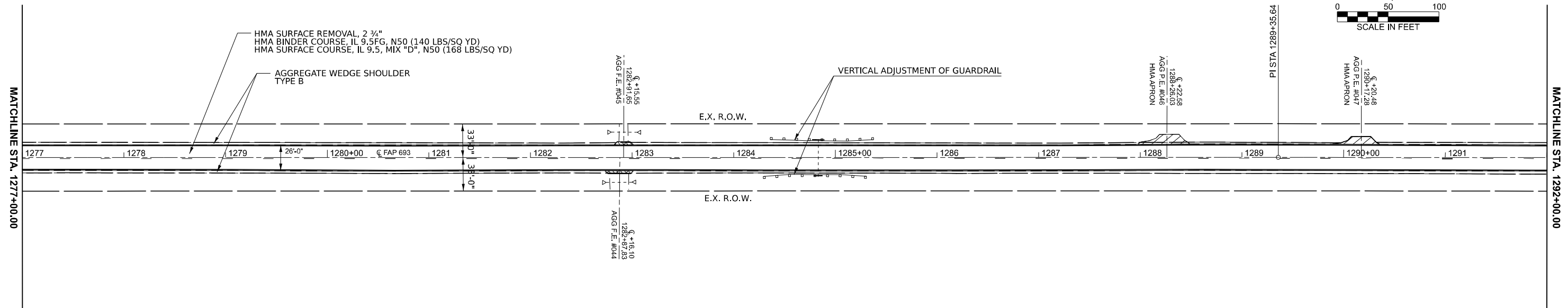
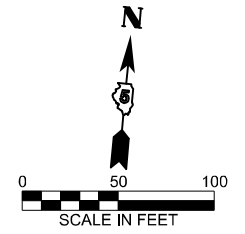
ILL 9 PLAN SHEETS

SCALE: 1"=50' SHEET 7 OF 13 SHEETS STA. 1247+00.00 TO STA. 1277+00.00



F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(120)RS-1	MCLEAN	50	31
CONTRACT NO. 70E82				
ILLINOIS FED. AID PROJECT				

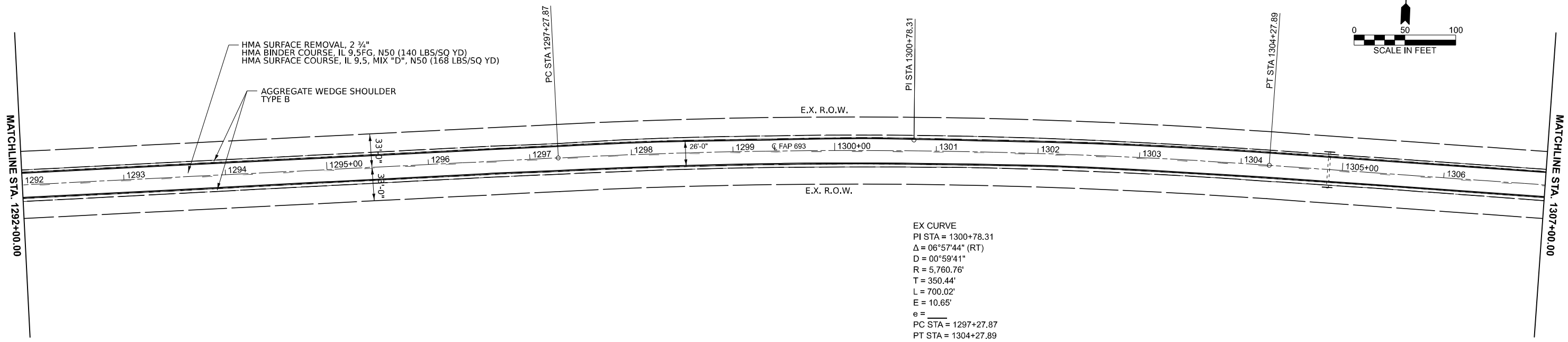
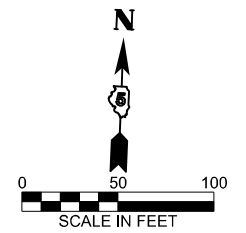
Sec 23, T24N, R1W, 3 PM

-  HMA SURFACE REMOVAL, SPECIAL & INCIDENTAL HMA SURFACE 168 LBS/SQ YD
-  EARTH EXCAVATION & INCIDENTAL HMA SURFACE 308 LBS/SQ YD



Sec 23, T24N, R1W, 3 PM

-  HMA SURFACE REMOVAL, SPECIAL & INCIDENTAL HMA SURFACE 168 LBS/SQ YD
-  EARTH EXCAVATION & INCIDENTAL HMA SURFACE 308 LBS/SQ YD



EX CURVE
 PI STA = 1300+78.31
 $\Delta = 06^{\circ}57'44"$ (RT)
 D = 00°59'41"
 R = 5,760.76'
 T = 350.44'
 L = 700.02'
 E = 10.65'
 e = _____
 PC STA = 1297+27.87
 PT STA = 1304+27.89

MODEL: ILL 9 double plan sheets - ILL 9 double plan sheets-14 (Sheet)
 FILE NAME: c:\p\work\70E82\ILL9S\14\18720\DD570E82-SH-14\plan-50.dgn

USER NAME = Tianyi.Sun	DESIGNED - BAF	REVISED -
	DRAWN -	REVISED -
	CHECKED - TJP	REVISED -
PLOT DATE = 1/7/2026	DATE -	REVISED -

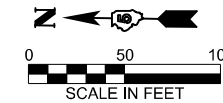
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ILL 9 PLAN SHEETS

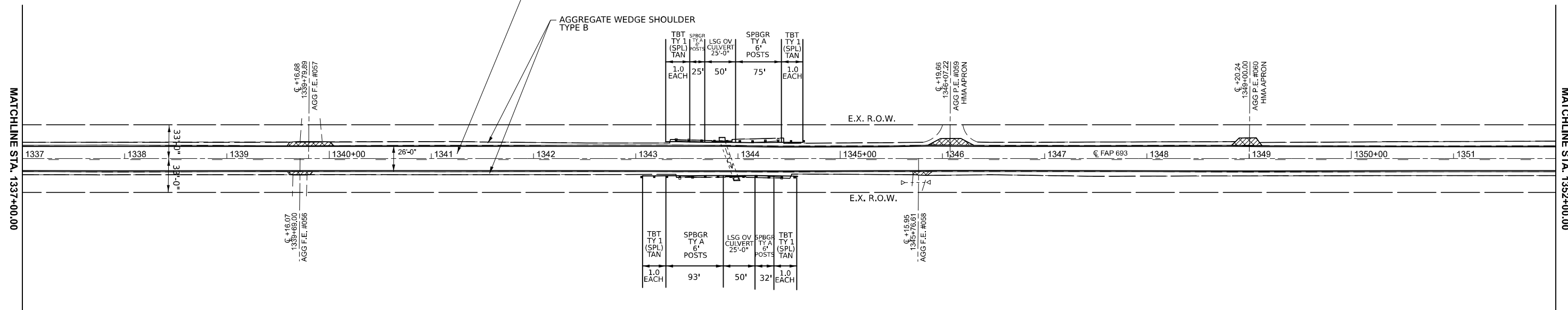
SCALE: 1"=50' SHEET 8 OF 13 SHEETS STA. 1277+00.00 TO STA. 1307+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(120)RS-1	MCLEAN	50	32
CONTRACT NO. 70E82				
ILLINOIS FED. AID PROJECT				

Sec 26, T24N, R1W, 3 PM



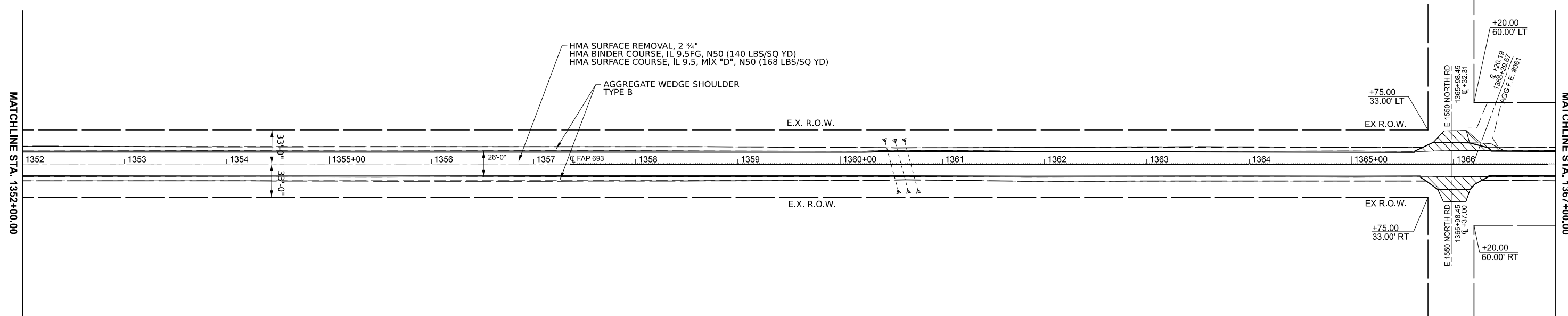
- HMA SURFACE REMOVAL, SPECIAL & INCIDENTAL HMA SURFACE 168 LBS/SQ YD
- EARTH EXCAVATION & INCIDENTAL HMA SURFACE 308 LBS/SQ YD



Sec 26, T24N, R1W, 3 PM



- HMA SURFACE REMOVAL, SPECIAL & INCIDENTAL HMA SURFACE 168 LBS/SQ YD
- EARTH EXCAVATION & INCIDENTAL HMA SURFACE 308 LBS/SQ YD



MODEL: ILL 9 double plan sheets - ILL 9 double plan sheets-18 (Sheet)
 FILE NAME: c:\p\work\70e82\illinois.gov\1018720\DD570E82-SH-18\plan-50.dgn

USER NAME = Tianyi.Sun	DESIGNED - BAF	REVISED -
	DRAWN -	REVISED -
	CHECKED - TJP	REVISED -
PLOT DATE = 1/23/2026	DATE -	REVISED -



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

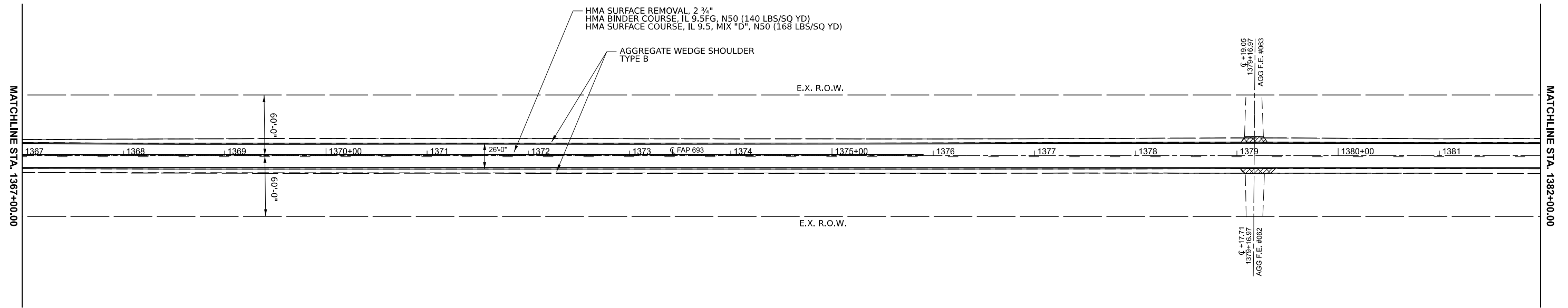
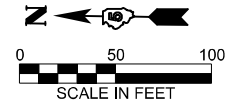
ILL 9 PLAN SHEETS

SCALE: 1"=50' SHEET 10 OF 13 SHEETS STA. 1337+00.00 TO STA. 1367+00.00



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(120)RS-1	MCLEAN	50	34
CONTRACT NO. 70E82				
ILLINOIS FED. AID PROJECT				

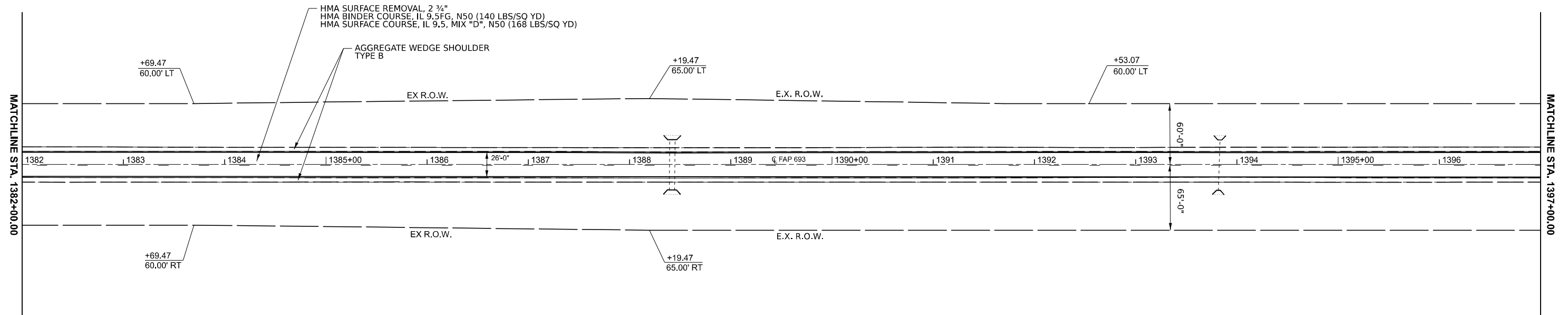
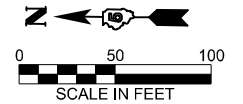
Sec 26, T24N, R1W, 3 PM

-  HMA SURFACE REMOVAL, SPECIAL & INCIDENTAL HMA SURFACE 168 LBS/SQ YD
-  EARTH EXCAVATION & INCIDENTAL HMA SURFACE 308 LBS/SQ YD



Sec 35, T24N, R1W, 3 PM

-  HMA SURFACE REMOVAL, SPECIAL & INCIDENTAL HMA SURFACE 168 LBS/SQ YD
-  EARTH EXCAVATION & INCIDENTAL HMA SURFACE 308 LBS/SQ YD



MODEL: ILL 9 double plan sheets - ILL 9 double plan sheets-20 (Sheet)
 FILE NAME: c:\p\work\70e82\illinois.gov\1018720\DD570E82-SH-3-11-26.dgn

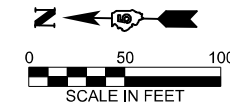
USER NAME = Tianyi.Sun	DESIGNED - BAF	REVISED -
	DRAWN -	REVISED -
	CHECKED - TJP	REVISED -
PLOT DATE = 1/21/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

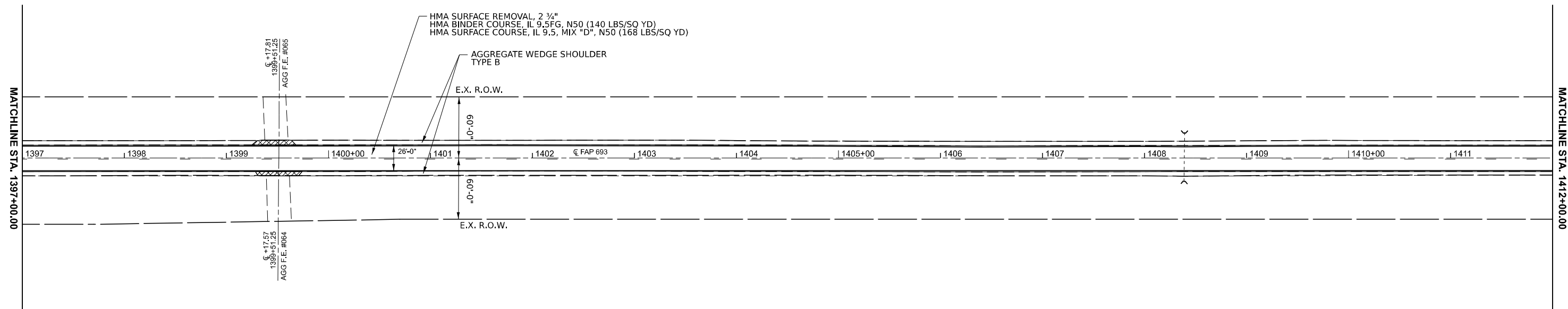
ILL 9 PLAN SHEETS

SCALE: 1"=50' SHEET 11 OF 13 SHEETS STA. 1367+00.00 TO STA. 1397+00.00

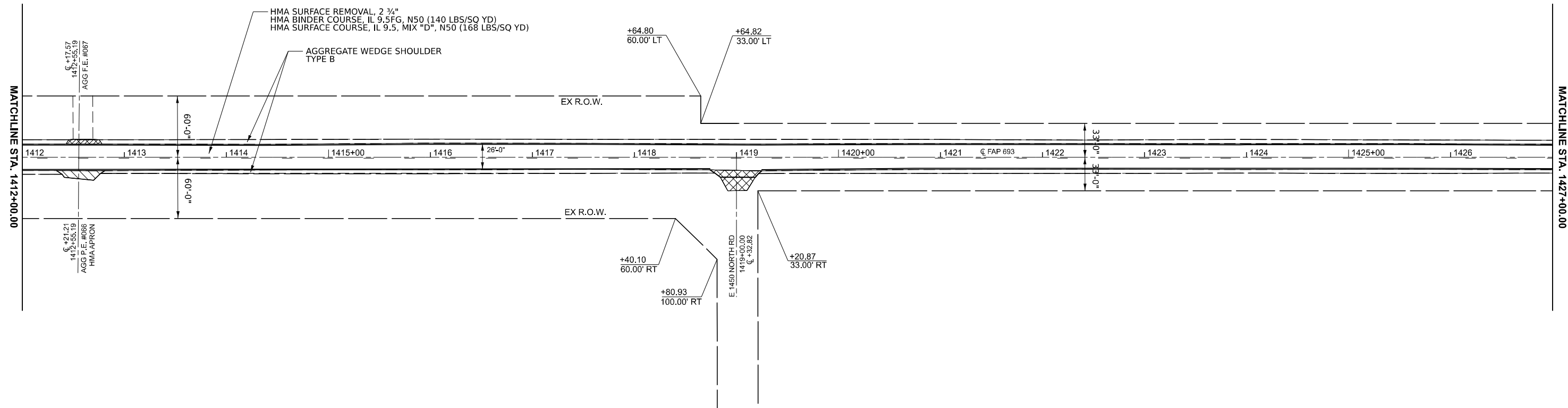
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(120)RS-1	MCLEAN	50	35
CONTRACT NO. 70E82				
ILLINOIS FED. AID PROJECT				



HMA SURFACE REMOVAL, SPECIAL & INCIDENTAL HMA SURFACE 168 LBS/SQ YD
 EARTH EXCAVATION & INCIDENTAL HMA SURFACE 308 LBS/SQ YD



HMA SURFACE REMOVAL, SPECIAL & INCIDENTAL HMA SURFACE 168 LBS/SQ YD
 EARTH EXCAVATION & INCIDENTAL HMA SURFACE 308 LBS/SQ YD



MODEL: ILL 9 double plan sheets - ILL 9 double plan sheets-22 (Sheet)
 FILE NAME: c:\p\work\work\illinois.gov\p\101018720\DD570E62-SH-3-bldp-50.dgn

USER NAME = Tianyi.Sun	DESIGNED - BAF	REVISED -
	DRAWN -	REVISED -
	CHECKED - TJP	REVISED -
PLOT DATE = 1/21/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ILL 9 PLAN SHEETS

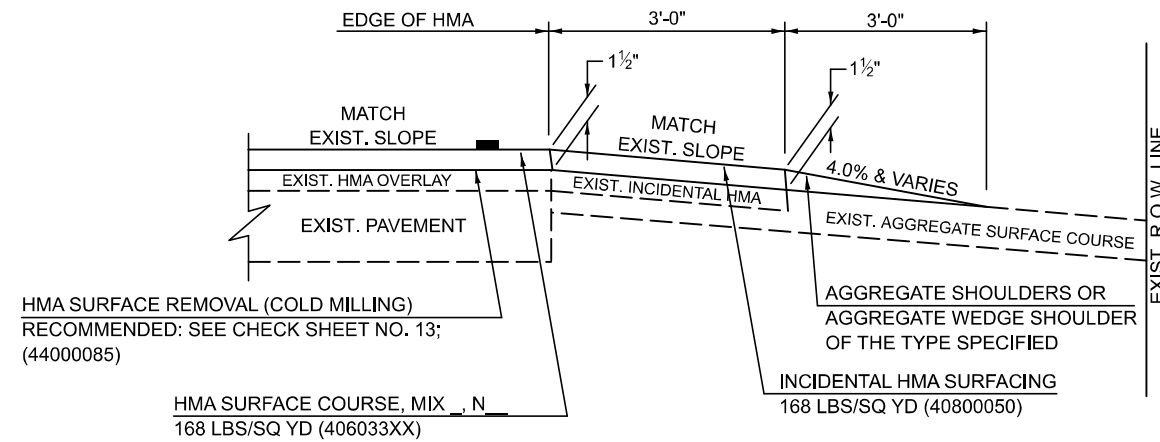
SCALE: 1"=50' SHEET 12 OF 13 SHEETS STA. 1397+00.00 TO STA. 1427+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(120)RS-1	MCLEAN	50	36
CONTRACT NO. 70E82				
ILLINOIS FED. AID PROJECT				

PROJECTS WITHOUT RECONSTRUCTION

("3R" WITHOUT RECONSTRUCTION, 3P, SMART AND CM)

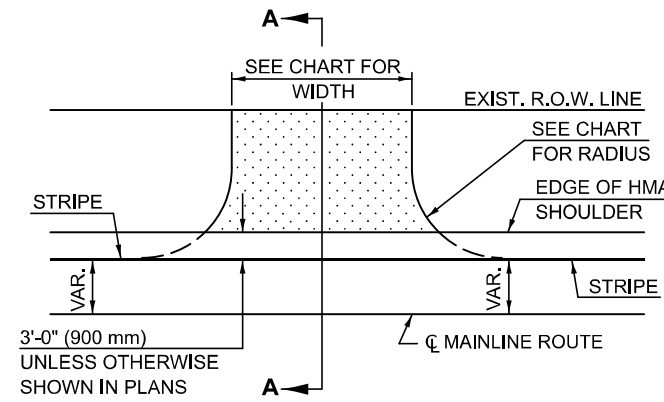
S.M.A.R.T. IMPROVEMENTS
(POLICY RESURFACING; BDE 53-4.03; 1½")



PROJECTS WITH RECONSTRUCTION

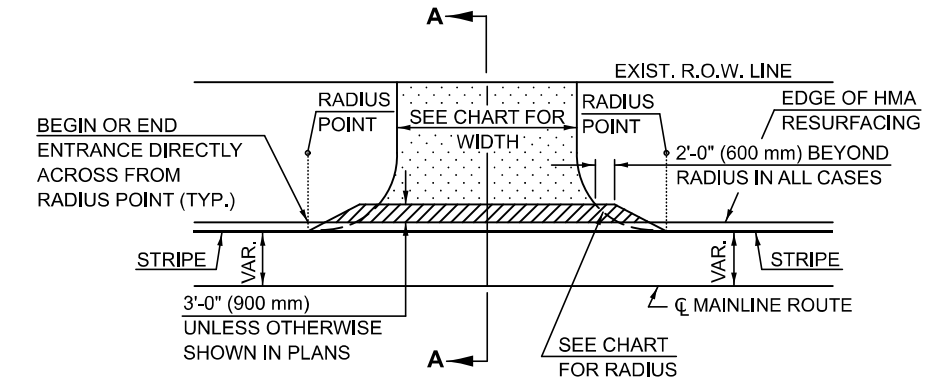
("3R" IMPROVEMENTS AND SMART/3P "SPOT" LOCATIONS)

ADJACENT TO PROPOSED HMA SHOULDERS
(AGGREGATE OR EARTH ENTRANCE)



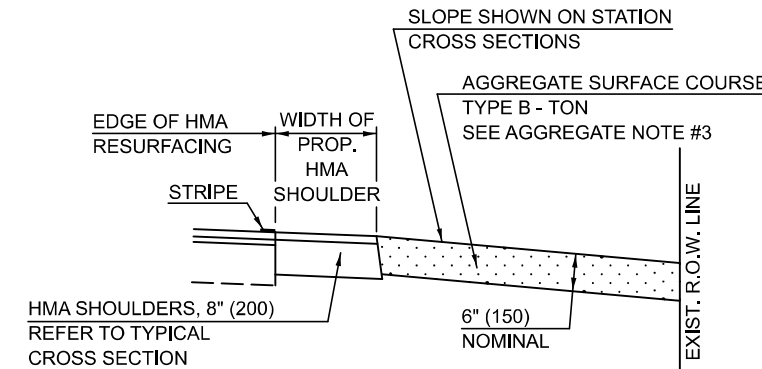
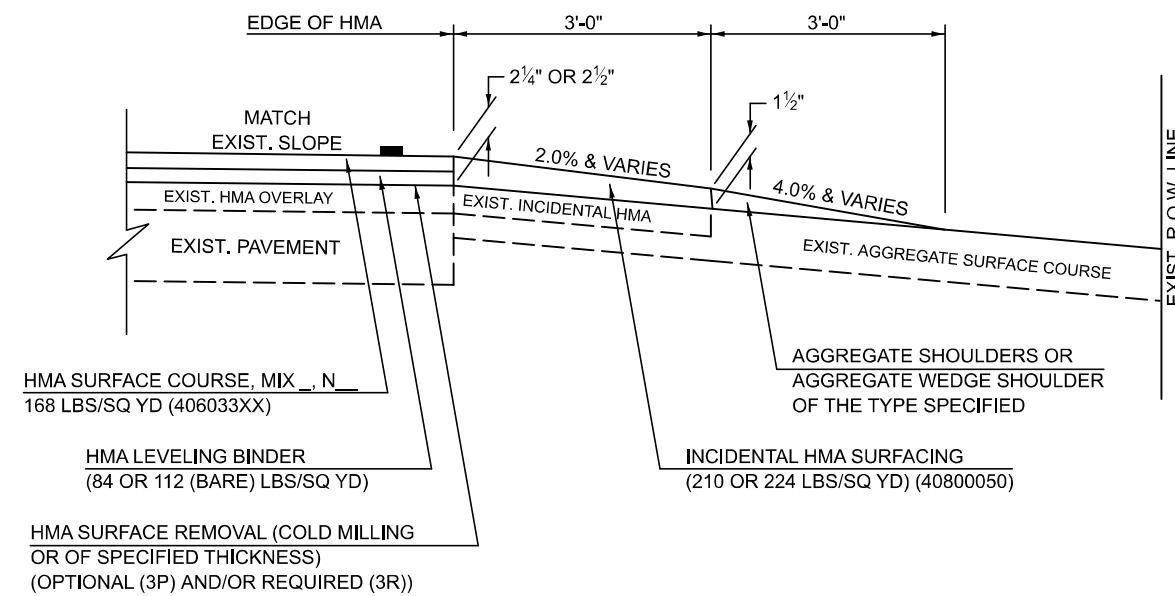
TYPICAL APPLICATION

EXISTING AGGREGATE OR EARTH ENTRANCE

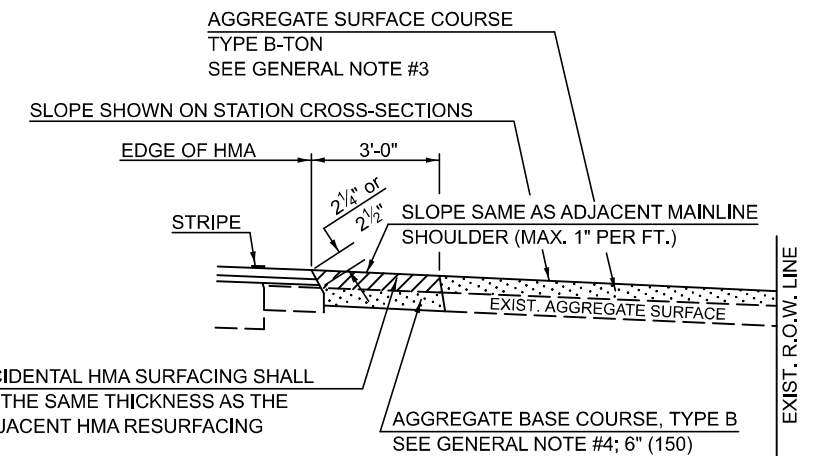


TYPICAL APPLICATION

"3P" OR "3R" IMPROVEMENTS
(POLICY RESURFACING; BDE 53-4.02; 2¼" OR 2½" ON BARE CONCRETE)



SECTION A-A



SECTION A-A

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 4080050A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(120)RS-1	MCLEAN	50	38
CONTRACT NO. 70E82				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIELD ENTRANCES
(NONCOMMERCIAL RURAL)

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

USER NAME = Tlanyl.Sun	DESIGNED -	REVISED - 9/2007 KAG
	DRAWN -	REVISED - 4/2008 KJT
	CHECKED -	REVISED - 3/2017 SWN
PLOT DATE = 1/6/2026	DATE -	REVISED - 8/2022 JWS

MODEL: 40800050A_Sheet 1 (Sheet)
FILE NAME: c:\p\work\rev\40800050A_Sht-Detail_40800050A.dgn

GENERAL NOTES

1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS.
2. ANY NECESSARY WORK BEHIND THE HMA SHOULDER OR THE INCIDENTAL HMA SURFACING SHALL BE AS SHOWN IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.
3. EARTH EXCAVATION REQUIRED FOR THE CONSTRUCTION OF THE AGGREGATE SURFACE COURSE SHALL BE INCLUDED IN THE COST OF AGGREGATE SURFACE COURSE.
4. AGGREGATE BASE COURSE, TYPE B, 6" (150 mm) MIN. SHALL BE USED WHERE IN THE OPINION OF THE ENGINEER THERE IS NOT SUFFICIENT BASE MATERIAL FOR THE PROPOSED ENTRANCES. THIS MATERIAL SHALL GENERALLY BE USED TO WIDEN ANY EXISTING RETURN OR TO CONSTRUCT NEW ENTRANCES WHERE NONE NOW EXISTS.
5. THE AGGREGATE BASE COURSE SHALL BE CONSTRUCTED 12" (300 mm) WIDER THAN THE SURFACE DIMENSIONS AS SHOWN ABOVE.
6. EXISTING FIELD ENTRANCES OF AGGREGATE OR EARTH WITH NO HMA APRON SHALL NOT RECEIVE A NEW HMA APRON WITHOUT PROPER APPROVAL THROUGH THE BUREAU OF OPERATIONS "POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS".
7. TO ASSURE APPROPRIATE ACCESS POLICIES ARE FOLLOWED ALL NEW ACCESS SHALL BE APPLIED FOR THROUGH THE BUREAU OF OPERATIONS PERMIT APPLICATION PROCESS. PLAN PREPARATION MEMORANDUMS 40-09 ALONG WITH DISTRICT PROJECT IMPLEMENTATION MEMORANDUM 104/01 DISCUSS THIS PROCEDURE.

RURAL ENTRANCE DESIGN STANDARDS (PPM 40-09)															
DESIGN ELEMENT	NEW CONSTRUCTION & 3R with CONSTRUCTION						3R w/out RECONSTRUCTION, 3P, SMART & CM								
	NONCOMMERCIAL			FIELD W/FARM IMPLEMENTS			COMMERCIAL			NONCOMMERCIAL			COMMERCIAL		
	PRIVATE & FIELD			FIELD W/FARM IMPLEMENTS			COMMERCIAL			PRIVATE & FIELD			COMMERCIAL		
	min.	des.	max.	min.	max.	min.	des.	max.	min.	des.	max.	min.	des.	max.	
SURFACE WIDTH (FT)	12	16	24	24	30	1 LANE, 1 WAY			1 LANE, 1 WAY						
						14	16	24							
						2 LANE, 2 WAY			2 LANE, 2 WAY						
						24	30	35	resurface existing configuration; existing aggregate or earth entrances shall have the continuation of aggregate shoulders placed behind them						
RADIUS (FT)	15	25	40	30		20	30	50							
SHOULDER WIDTH (FT)	2	2		2		1	3								
SHOULDER SLOPE (%)	2	4	6	4		2	4	6							
ENTRANCE GRADE (%)	0	2 to 5	10 or 12	2 to 5	10 or 12	0	2 to 5	8 or 10							
SIDE SLOPE (FT)	1:4	1:6	1:10	1:4	1:6	1:4	1:6	1:10							
SURFACE TYPE															
INCIDENTAL HMA SURFACING (INCH)		2		2		3 or 4			taper from hma resurfacing thickness (2 1/2", 2 1/4" or 1 1/2") to 1 1/2" to minimize aggregate shoulder						
AGGREGATE SURFACE COURSE, TYPE B (INCH)		6		6		8			if applicable, use items: Preparation of Base & Aggregate Base Repair; see PPM 30-02						
PCC DRIVEWAY PAVEMENT (INCH)		6						6 or 8							

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 4080050A

MODEL: 4080050A Sheet 2 (Sheet)
FILE NAME: c:\p\work\wisc\illinois.gov\lanyl.sun@illinois.gov\18720D570E62-Sht-Detail_4080050A.dgn

USER NAME = Tlanyl.Sun	DESIGNED -	REVISED - 9/2007 KAG
	DRAWN -	REVISED - 4/2008 KJT
	CHECKED -	REVISED - 3/2017 SWN
PLOT DATE = 1/7/2026	DATE -	REVISED - 8/2022 JWS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

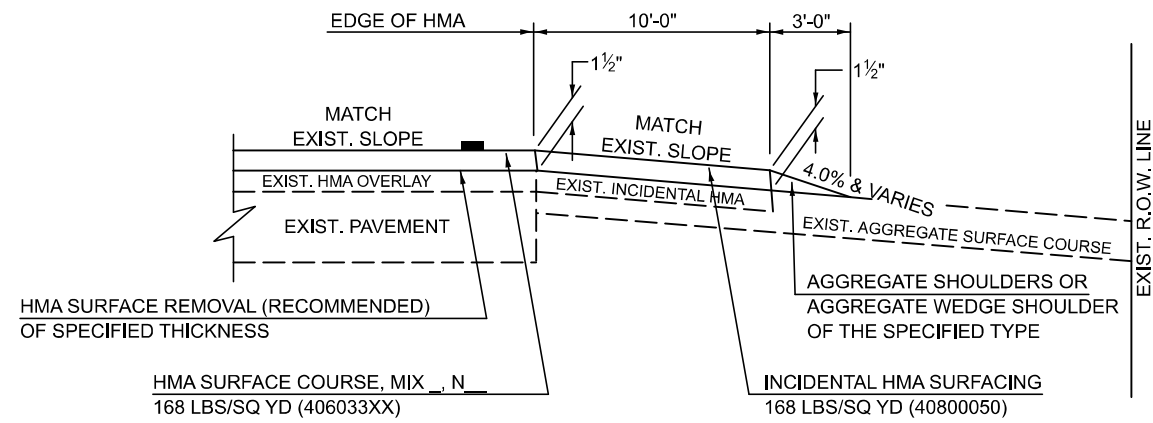
**FIELD ENTRANCES
(NONCOMMERCIAL RURAL)**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(120)RS-1	MCLEAN	50	39
CONTRACT NO. 70E82				
ILLINOIS FED. AID PROJECT				

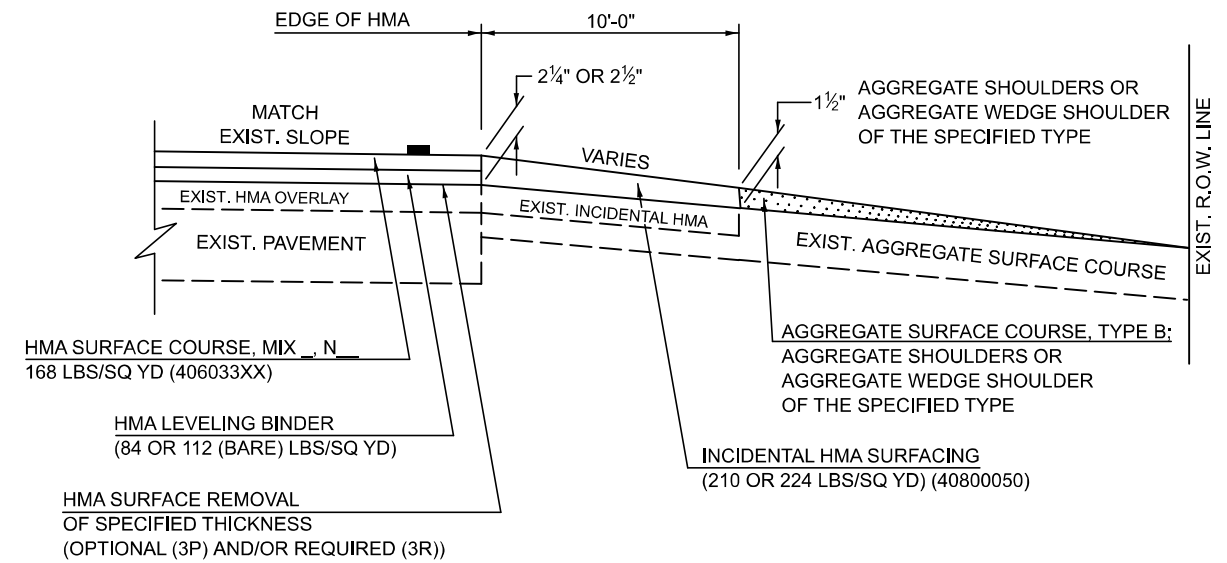
PROJECTS WITHOUT RECONSTRUCTION

**S.M.A.R.T. IMPROVEMENTS
(POLICY RESURFACING; BDE 53-4.03; 1½")**

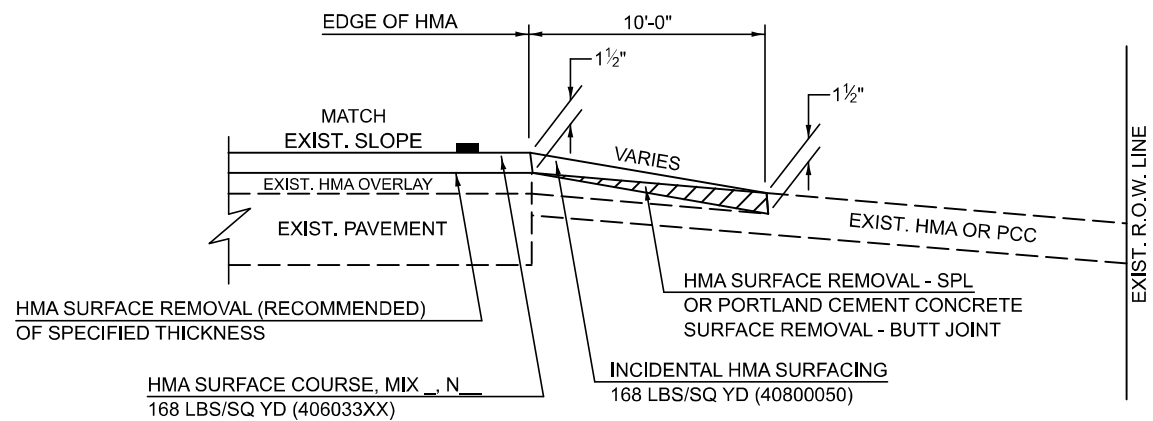


EXISTING AGGREGATE ENTRANCE

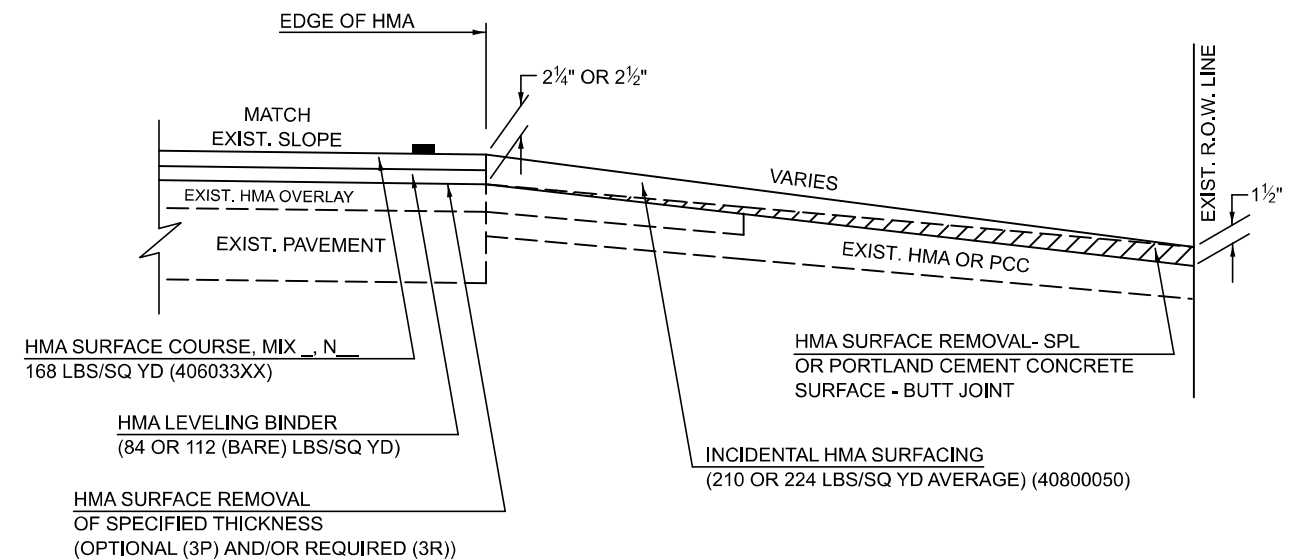
**"3P" OR "3R" IMPROVEMENTS
(POLICY RESURFACING; BDE 53-4.02; 2¼" OR 2½" ON BARE CONCRETE)**



EXISTING AGGREGATE ENTRANCE



EXISTING HMA OR PCC ENTRANCE



EXISTING HMA OR PCC ENTRANCE

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 4080050C

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(120)RS-1	MCLEAN	50	41
CONTRACT NO. 70E82				
ILLINOIS FED. AID PROJECT				

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

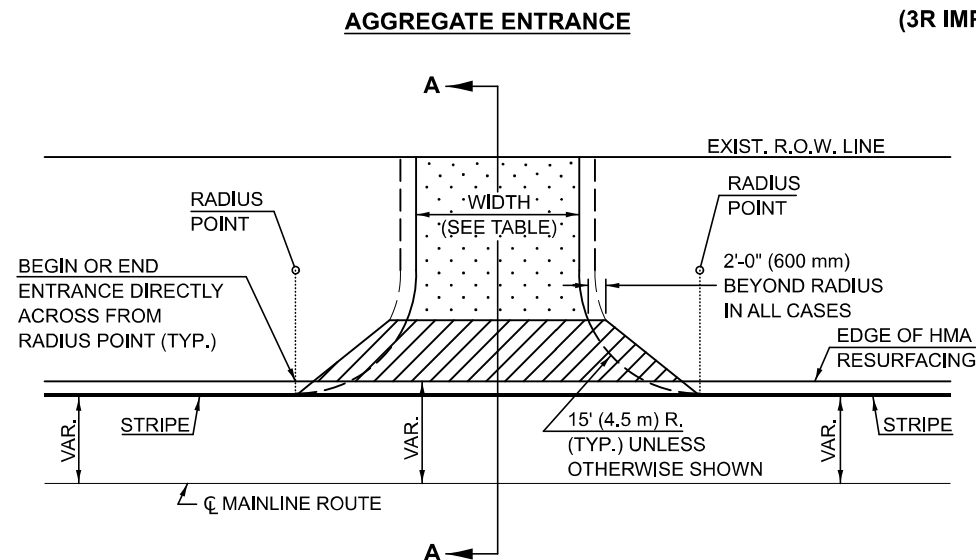
**PRIVATE COMMERCIAL ENTRANCES
(NONCOMMERCIAL AND COMMERCIAL RURAL)**

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

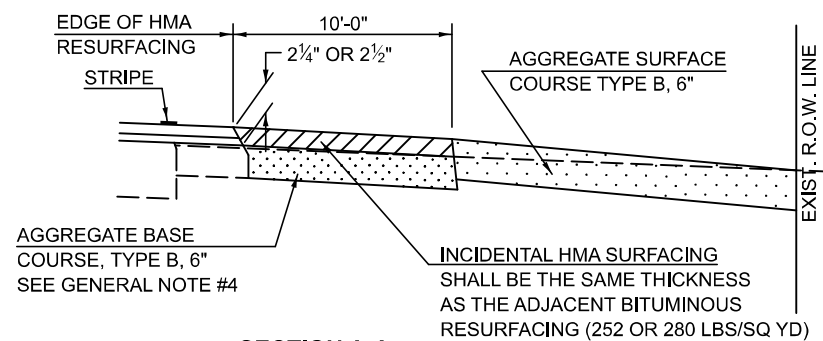
USER NAME = Tianyi.Sun	DESIGNED -	REVISED - 05/08 KJT
	DRAWN -	REVISED - 04/10 KJT
	CHECKED -	REVISED - 3/6/17 SWN
PLOT DATE = 11/14/2025	DATE -	REVISED - 8/25/22 JWS

MODEL: 4080050C Sheet 1 (Sheet)
FILE NAME: c:\p\work\4080050C\4080050C-Sht-Detail_4080050C.dgn

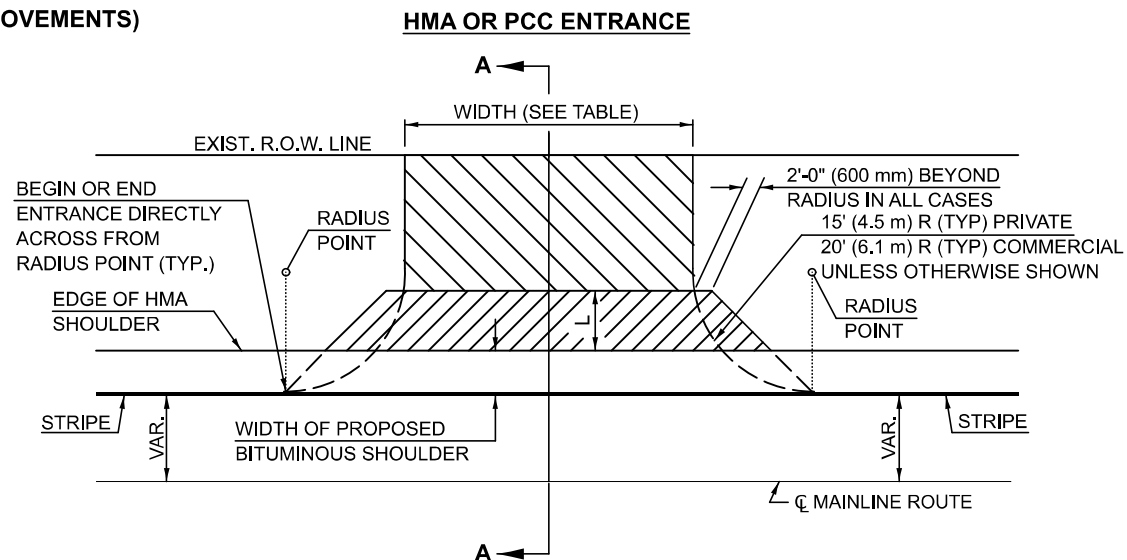
PROJECTS WITH RECONSTRUCTION



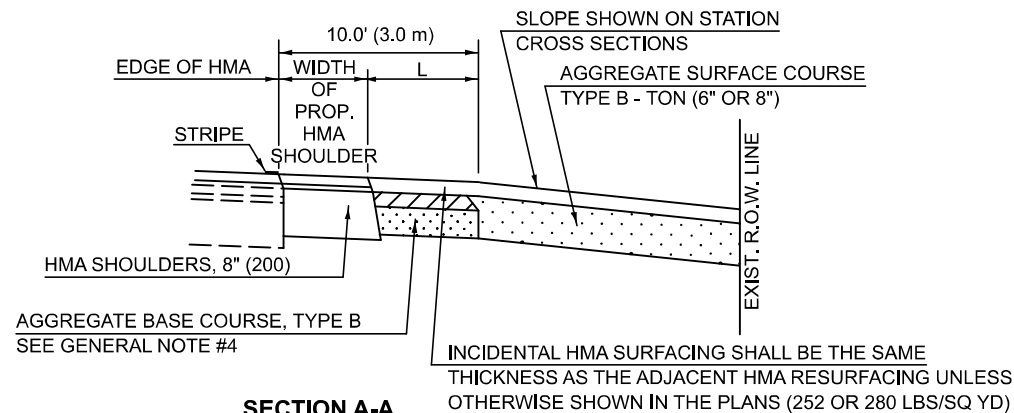
TYPICAL APPLICATION



SECTION A-A



TYPICAL APPLICATION



SECTION A-A "HMA EXAMPLE"

GENERAL NOTES

1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS.
2. ANY NECESSARY WORK BEHIND THE HMA SHOULDER OR THE INCIDENTAL HMA SURFACING SHALL BE AS SHOWN IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.
3. EARTH EXCAVATION REQUIRED FOR THE CONSTRUCTION OF THE AGGREGATE SURFACE COURSE SHALL BE INCLUDED IN THE COST OF AGGREGATE SURFACE COURSE.
4. AGGREGATE BASE COURSE, TYPE B, 6" (150 mm) MIN. SHALL BE USED WHERE IN THE OPINION OF THE ENGINEER THERE IS NOT SUFFICIENT BASE MATERIAL FOR THE PROPOSED ENTRANCES. THIS MATERIAL SHALL GENERALLY BE USED TO WIDEN ANY EXISTING RETURN OR TO CONSTRUCT NEW ENTRANCES WHERE NONE NOW EXISTS.
5. THE AGGREGATE BASE COURSE SHALL BE CONSTRUCTED 12" (300 mm) WIDER THAN THE SURFACE DIMENSIONS AS SHOWN ABOVE.
6. EXISTING FIELD ENTRANCES OF AGGREGATE OR EARTH WITH NO HMA APRON SHALL NOT RECEIVE A NEW HMA APRON WITHOUT PROPER APPROVAL THROUGH THE BUREAU OF OPERATIONS "POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS".
7. TO ASSURE APPROPRIATE ACCESS POLICIES ARE FOLLOWED ALL NEW ACCESS SHALL BE APPLIED FOR THROUGH THE BUREAU OF OPERATIONS PERMIT APPLICATION PROCESS. PLAN PREPARATION MEMORANDUMS 40-09 ALONG WITH DISTRICT PROJECT IMPLEMENTATION MEMO 104/01 DISCUSS THIS PROCEDURE.

RURAL ENTRANCE DESIGN STANDARDS (PPM 40-09)																	
DESIGN ELEMENT	NEW CONSTRUCTION & 3R WITH CONSTRUCTION						3R w/out RECONSTRUCTION, 3P, SMART & CM										
	NONCOMMERCIAL			FIELD W/FARM IMPLEMENTS			COMMERCIAL			NONCOMMERCIAL			COMMERCIAL				
	min.	des.	max.	min.	max.	min.	des.	max.	min.	des.	max.	min.	des.	max.			
SURFACE WIDTH (FT)	12	16	24	24	30	1 LANE, 1 WAY			1 LANE, 1 WAY			1 LANE, 1 WAY					
						14	16	24	2 LANE, 2 WAY			2 LANE, 2 WAY					
						24	30	35	resurface existing configuration; existing aggregate or earth entrances shall have the continuation of aggregate shoulders placed behind them								
RADIUS (FT)	15	25	40	30		20	30	50									
SHOULDER WIDTH (FT)	2	2		2		1	3										
SHOULDER SLOPE (%)	2	4	6	4		2	4	6									
ENTRANCE GRADE (%)	0	2 to 5	10 or 12	2 to 5	10 or 12	0	2 to 5	8 or 10									
SIDE SLOPE (FT)	1:10	1:6	1:4	1:6	1:4	1:10	1:6	1:4									
SURFACE TYPE																	
INCIDENTAL HMA SURFACING (INCH)		2		2		3 or 4			taper from hma resurfacing thickness (2 1/2", 2 1/4" or 1 1/2") to 1 1/2" to minimize aggregate shoulder								
AGGREGATE SURFACE COURSE, TYPE B (INCH)		6		6		8			if applicable, use items: Preparation of Base & Aggregate Base Repair; see PPM 30-02								
PCC DRIVEWAY PAVEMENT (INCH)		6						6 or 8									

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 40800050C

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(120)RS-1	MCLEAN	50	42
CONTRACT NO. 70E82				

MODEL: 40800050C Sheet 2 (Sheet)
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USER NAME = Tlanyl.Sun	DESIGNED -	REVISED - 05/08 KJT
	DRAWN -	REVISED - 04/10 KJT
	CHECKED -	REVISED - 3/6/17 SWN
PLOT DATE = 1/6/2026	DATE -	REVISED - 8/25/22 JWS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

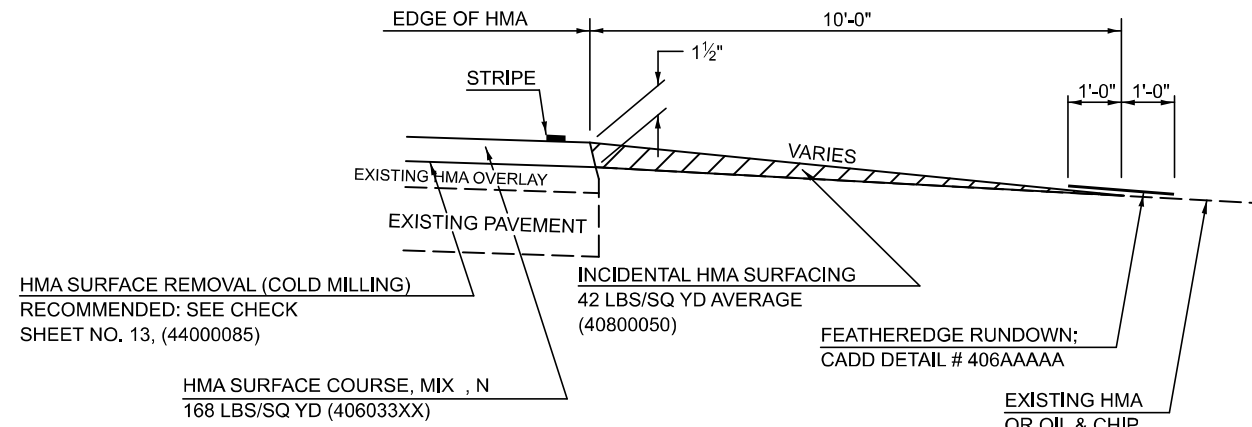
**PRIVATE COMMERCIAL ENTRANCES
(NONCOMMERCIAL AND COMMERCIAL RURAL)**

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

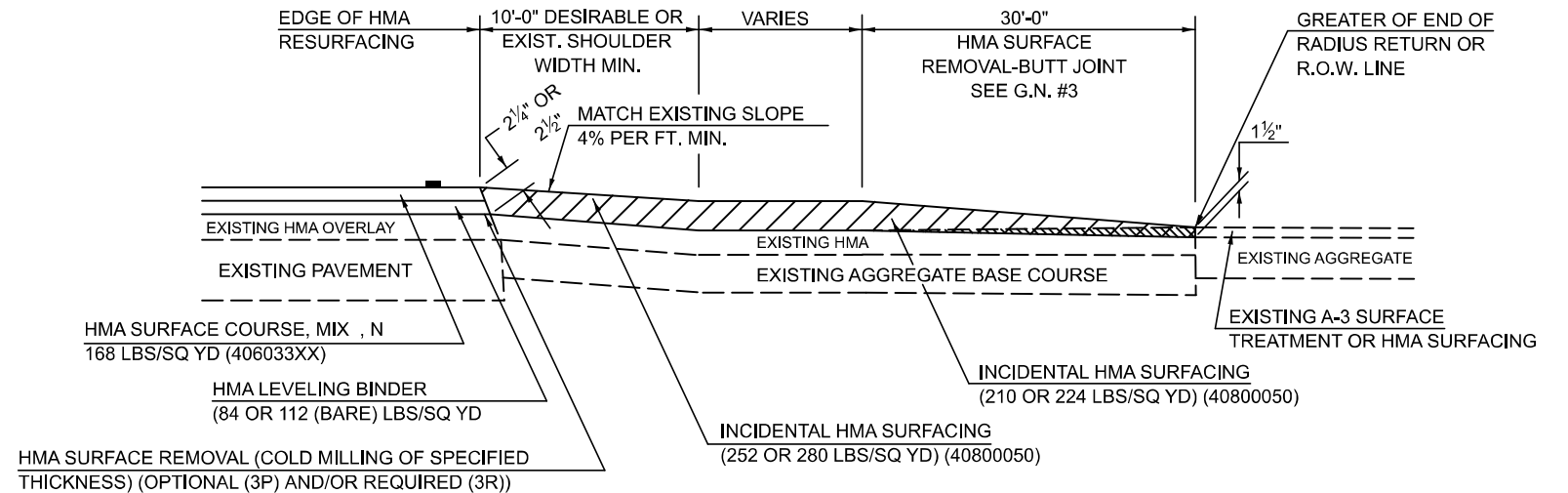
ILLINOIS FED. AID PROJECT

PROJECTS WITHOUT RECONSTRUCTION

**S.M.A.R.T. IMPROVEMENTS
(ALSO CONTRACT MAINTENANCE)**

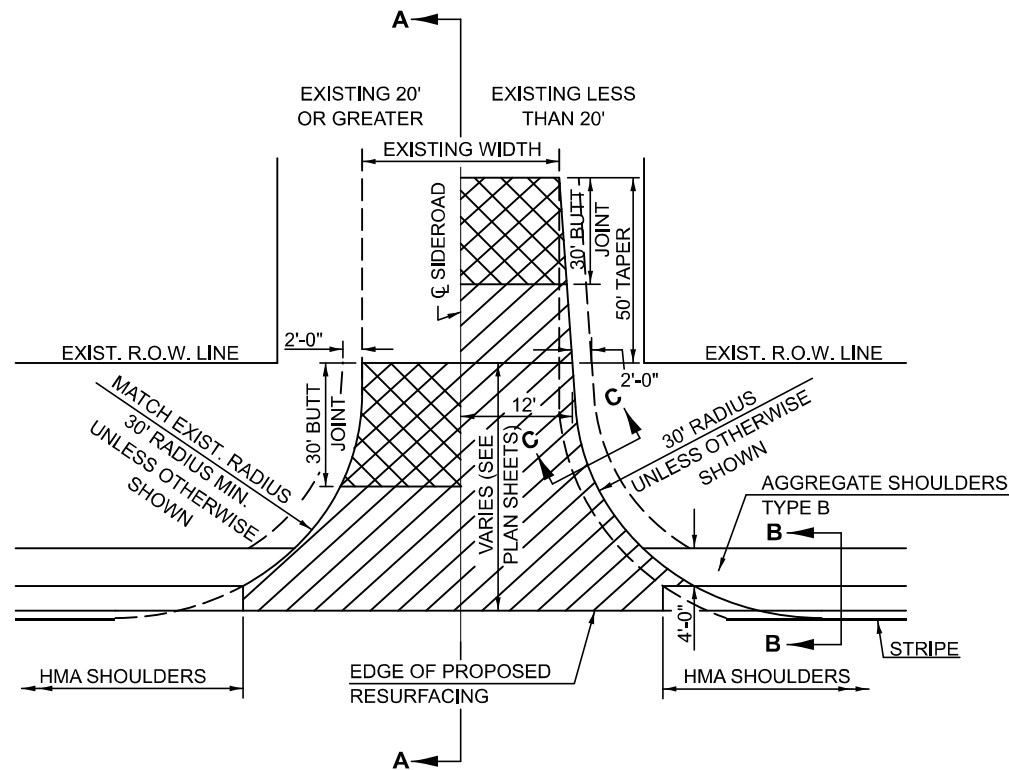


"3P" OR "3R" IMPROVEMENTS

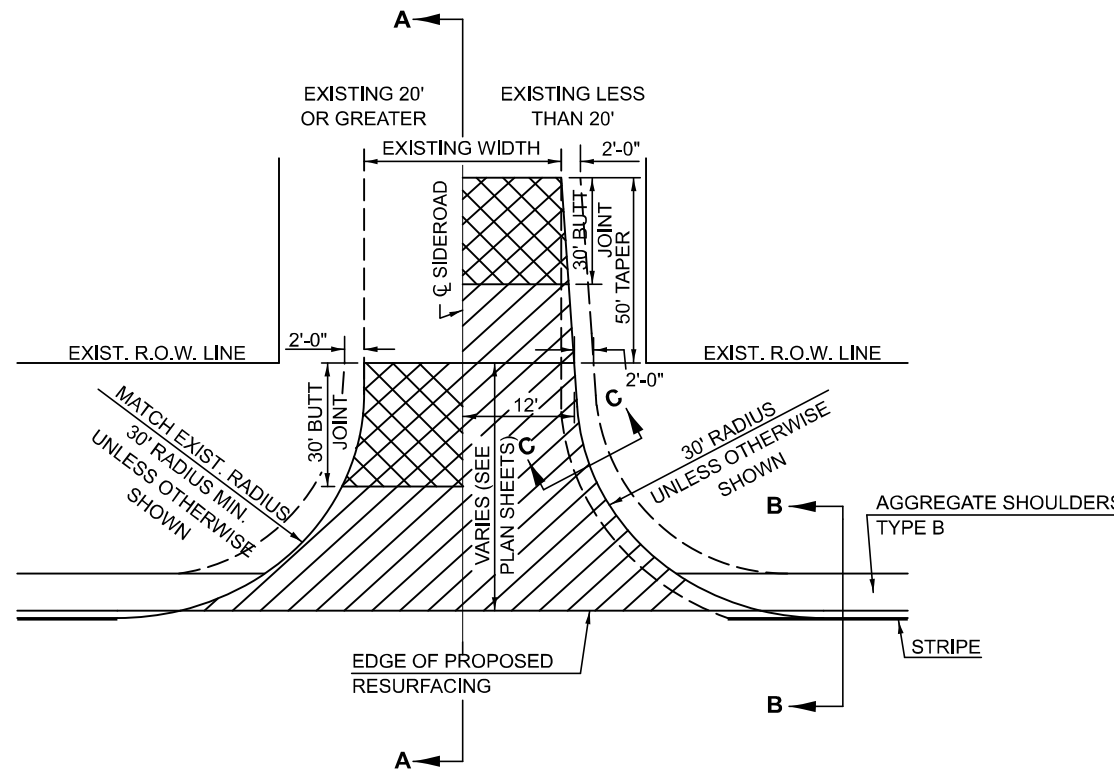


**PROJECTS WITH RECONSTRUCTION
("3R" IMPROVEMENTS)**

WITH HMA SHOULDER



WITHOUT HMA SHOULDER



GENERAL NOTES

1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS
2. PROPOSED SIDEROAD GRADES SHALL BE AS SHOWN IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.
3. MAJOR SIDEROAD/SIDESTREETS (>400 ADT) SHALL HAVE "BUTT JOINTS" CONSTRUCTED WHETHER THE EXISTING ENTRANCE IS HMA OR PCC. MINOR SIDEROAD/SIDESTREETS (<400 ADT) SHALL HAVE "FEATHEREDGE RUNDOWNS".
4. AGGREGATE BASE COURSE, TYPE B OF THE THICKNESS SPECIFIED IN THE PLANS 6" MIN. SHALL BE USED WHERE IN THE OPINION OF THE ENGINEER THERE IS NOT 6" EXISTING BASE MATERIAL FOR THE PROPOSED SIDEROAD RETURNS. THIS MATERIAL SHALL BE USED TO WIDEN SIDEROAD RETURNS.
5. THE AGGREGATE BASE COURSE SHALL BE CONSTRUCTED 1' WIDER THAN THE SURFACE DIMENSIONS.
6. AGGREGATE SHOULDERS, TYPE B WILL BE WRAPPED AROUND THE SIDEROAD RETURNS. TAPER WIDTH FROM 4' ALONG MAINLINE TO 2' AT BACK OF RETURN.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 408000AA

MODEL: 408000AA Sheet 1 (Sheet)
FILE NAME: c:\p\work\408000AA\408000AA.dgn

USER NAME = Tlanyl.Sun	DESIGNED -	REVISD - 12/06 TJB
	DRAWN -	REVISD - 09/07 KAG
	CHECKED -	REVISD - 12/09 KJT
PLOT DATE = 1/6/2026	DATE -	REVISD -

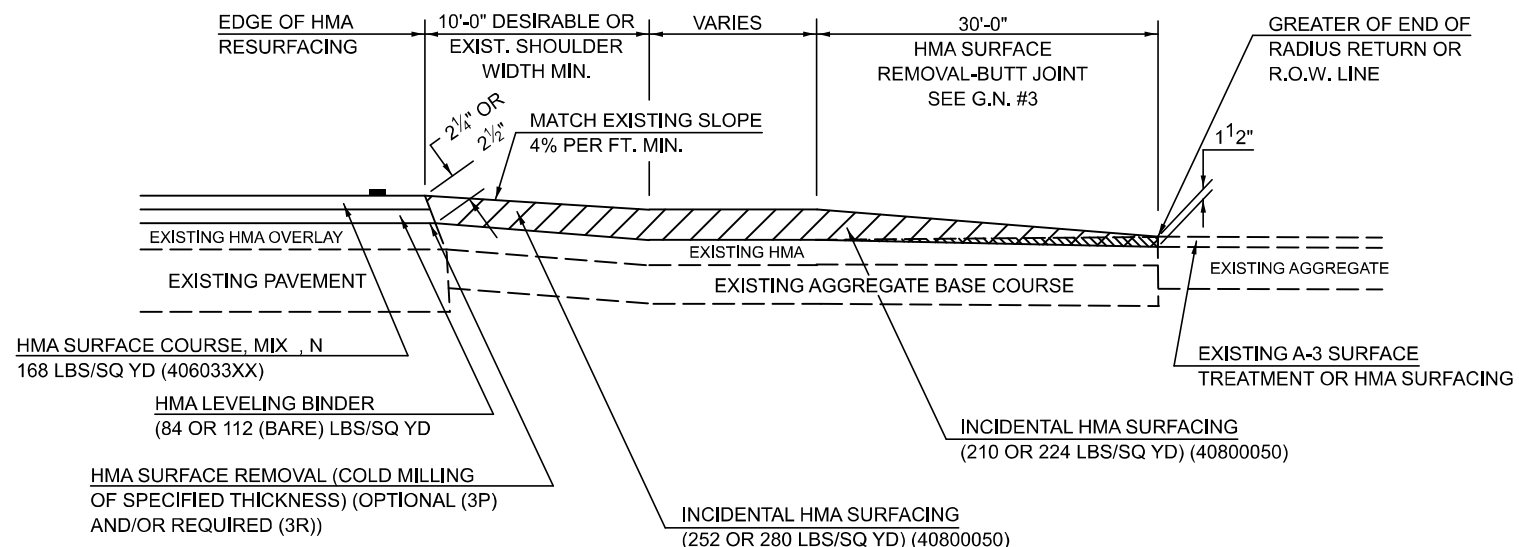
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIDEROAD & SIDESTREETS (RURAL)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(120)RS-1	MCLEAN	50	43
CONTRACT NO. 70E82			ILLINOIS FED. AID PROJECT	

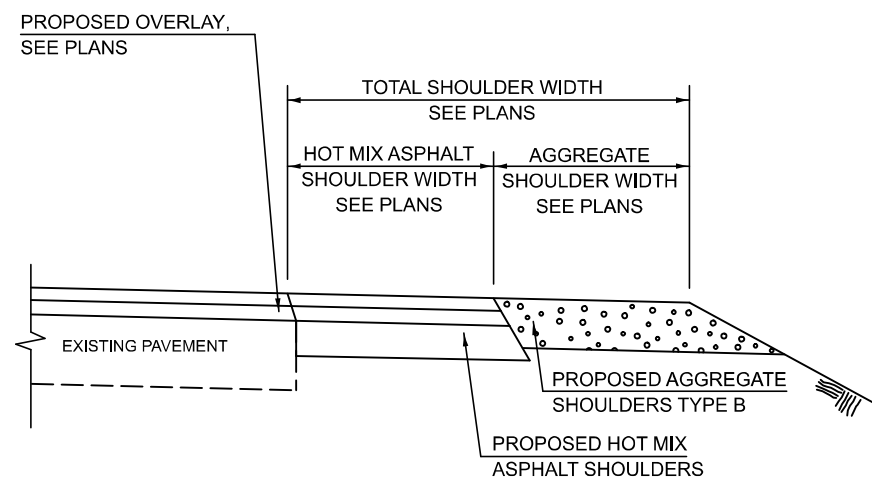
**SECTION A-A
EXISTING HMA OR PCC SIDEROAD (>400 ADT)**



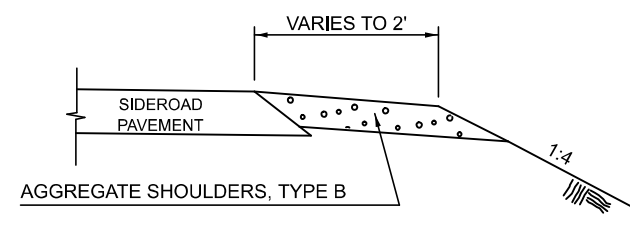
**SECTION A-A
EXISTING AGGREGATE OR SEAL COAT SIDEROAD (<400 ADT)**



RURAL SIDEROAD DESIGN STANDARDS (PPM 40-06)											
DESIGN ELEMENT	New Construction & 3R (Existing Width Less Than 20 ft)			3R (Existing Width 20 ft or Greater) & 3P			SMART & Contract Maintenance				
	min.	des.	max.	min.	des.	max.	min.	des.	max.		
SURFACE WIDTH (FT); (Measured at end of radius or row line; greatest distance from edge of traveled way)	24	24	Coordinate with Geometrics Engineer	Resurface existing configuration to completion of radius return or row line; greatest distance from edge of traveled way; major sideroads (> 400 adt) shall have "butt joints" constructed whether the entrance is hma or pcc; minor sideroads (< 400 adt) shall have "featheredge rundown" as shown in district cadd detail 406AAAAA						Resurface existing configuration with the completion of a 10 ft. featheredge rundown for ALL sideroads as shown in district cadd detail 406AAAAA	
RADIUS (FT)	30	30									
SHOULDER WIDTH (FT)	4	8	10								
SHOULDER SLOPE (%)	2	4	12								
ENTRANCE GRADE (%)	1	1 to 4	4								
BREAKOVER (%)	0	5	10								
SIDE SLOPE (FT)	1:10	1:6	1:4								
INTERSECTION ANGLE	60	75 to 90									
SURFACE TYPE											
INCIDENTAL HMA SURFACING (INCH)	4			taper from 2 1/4" to 1 1/2" or featheredge			taper from 1 1/2" to featheredge				
AGGREGATE BASE COURSE, TYPE A (INCH)	8	4		if applicable use item: 35800100 Preparation of Base							
PCC PAVEMENT (INCH)		8									



**SECTION B-B
MAINLINE SHOULDER TREATMENT**



**SECTION C-C
SIDEROAD SHOULDER TREATMENT**

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 40800AA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(120)RS-1	MCLEAN	50	44
CONTRACT NO. 70E82				
ILLINOIS FED. AID PROJECT				

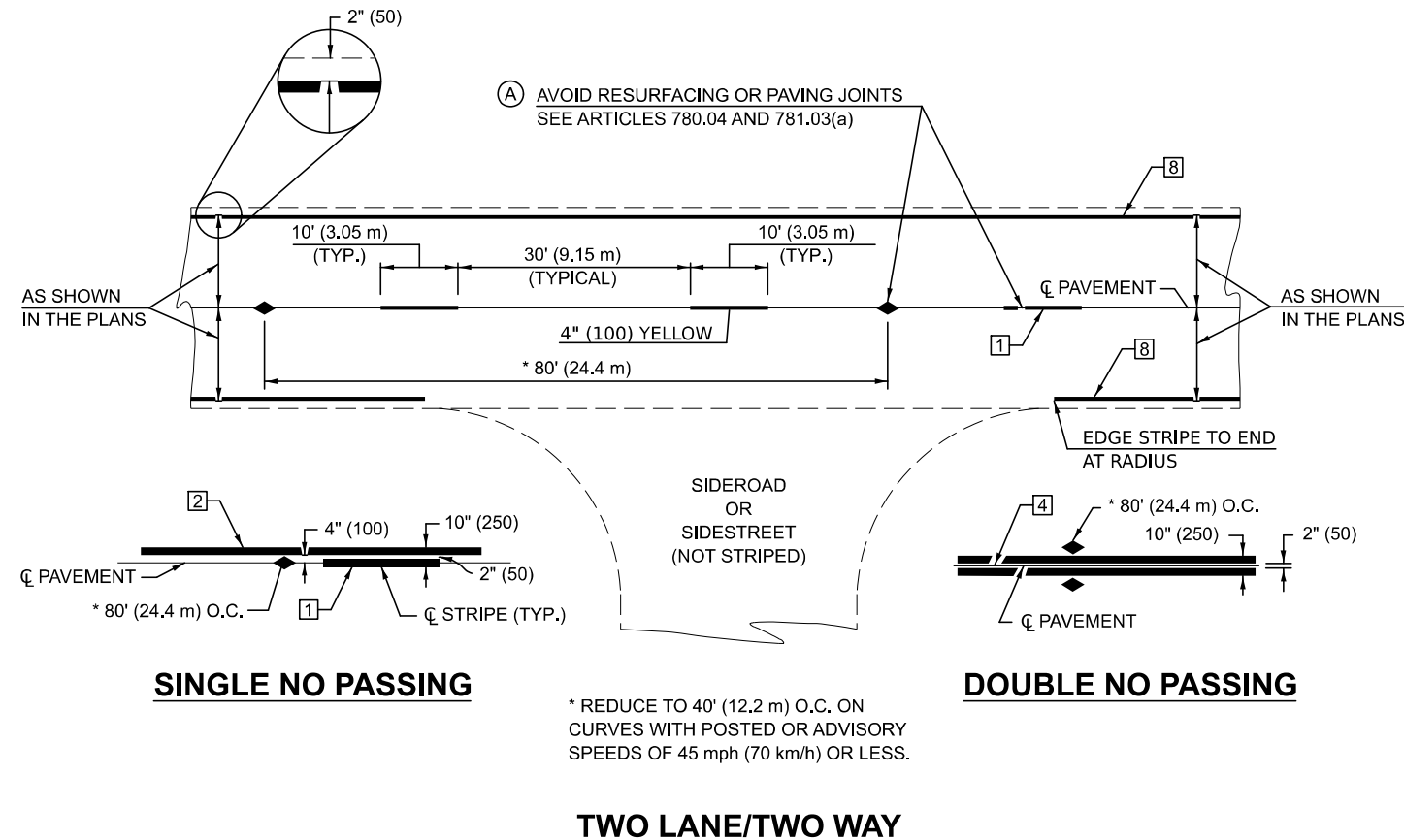
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIDEROAD & SIDESTREETS (RURAL)

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

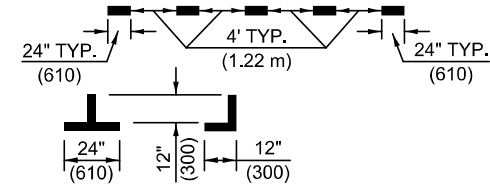
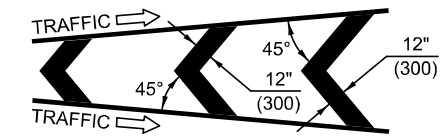
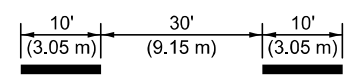
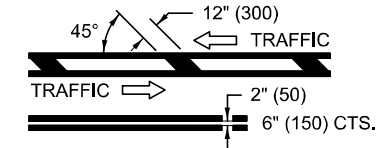
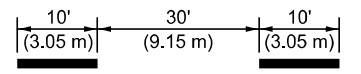
USER NAME = Tlanyl.Sun	DESIGNED -	REVISD - 12/06 TJB
	DRAWN -	REVISD - 09/07 KAG
	CHECKED -	REVISD - 12/09 KJT
PLOT DATE = 1/6/2026	DATE -	REVISD -

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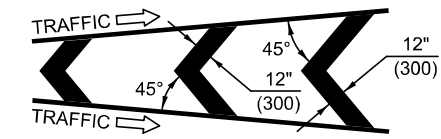
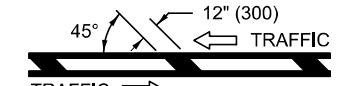
TYPICAL PAVEMENT MARKING LENGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) LANE LINE EXTENSIONS (WHITE)
- 14 4" (100) PARKING WHITE

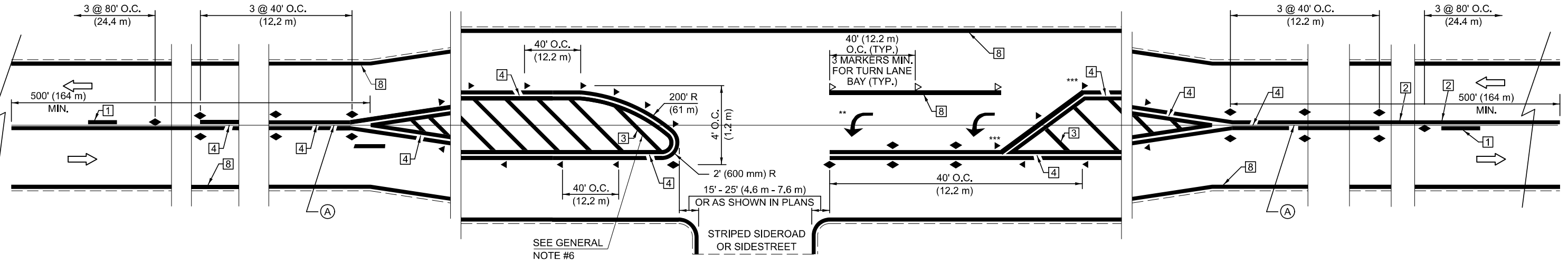


TYPICAL PAVEMENT MARKERS LENGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER



RURAL LEFT TURN



*** REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.

** TURN ARROWS SHALL BE PLACED AS SHOWN OF SHEET #2.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 7800AAAA

USER NAME = Tlanyl.Sun	DESIGNED -	REVISED - 4/2014 JLA
	DRAWN -	REVISED - 3/2019 SWN
	CHECKED -	REVISED - 8/2022 JLA
PLOT DATE = 11/14/2025	DATE -	REVISED - 9/2022 JWS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

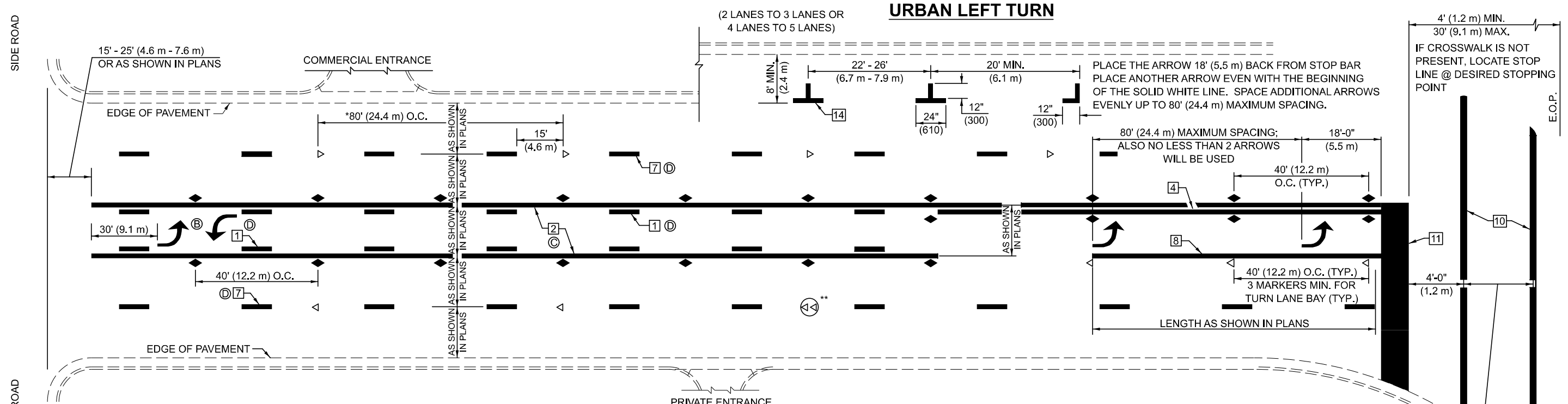
**PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(120)RS-1	MCLEAN	50	45
CONTRACT NO. 70E82				
ILLINOIS FED. AID PROJECT				

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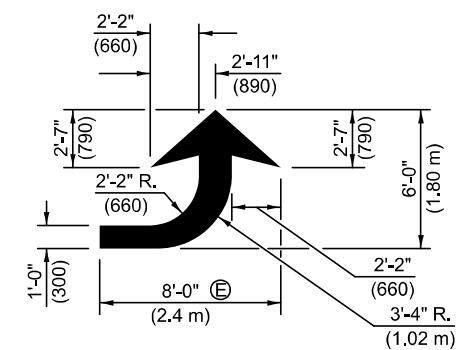
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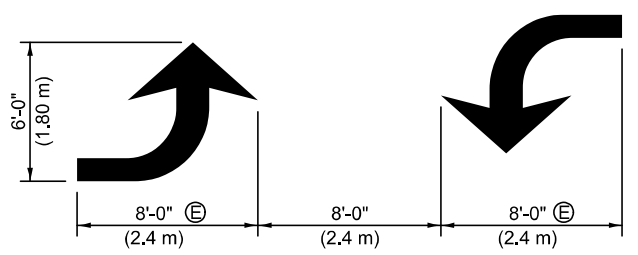
- * REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.
- ** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

GENERAL NOTES:

- (B) TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE.
- (C) THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
- (D) THE SKIP-DASH PAVEMENT MARKINGS [1] OR [7] SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER. SEE EXAMPLE ON SHEET 2 OF 3.
- (E) USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)

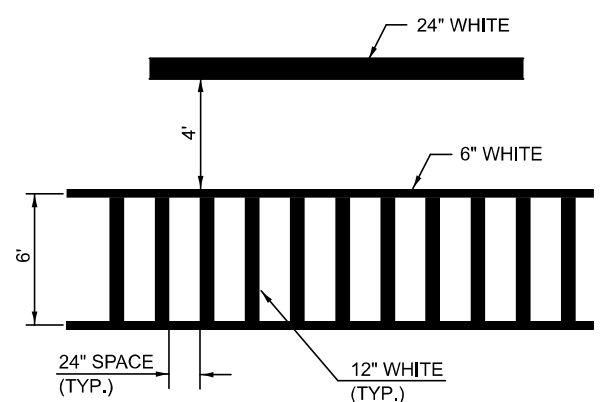


LEFT ARROW
 REVERSE FOR RIGHT ARROW
 AREA = 15.6 SQ. FT. (1.47 m)
 (WHITE)

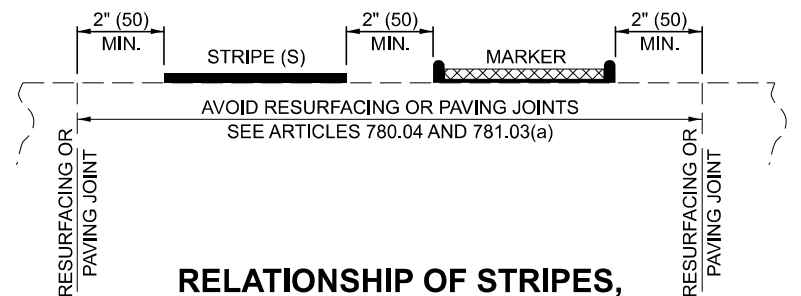


TYPICAL DOUBLE TURN ARROWS (WHITE)

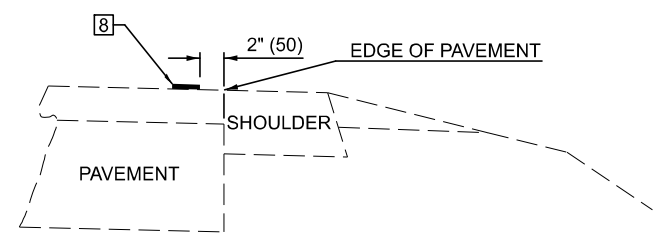
BLOOMINGTON-NORMAL CITY LIMITS ONLY



TYPICAL SPACING FOR CROSSWALKS & STOP BARS



RELATIONSHIP OF STRIPES, MARKERS AND JOINTS



RELATIONSHIP OF EDGE LINE TO EDGE OF PAVEMENT
 (SAFETY SHOULDER OR PAVED SURFACE)
 SEE ARTICLE 780.04

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 7800AAAA

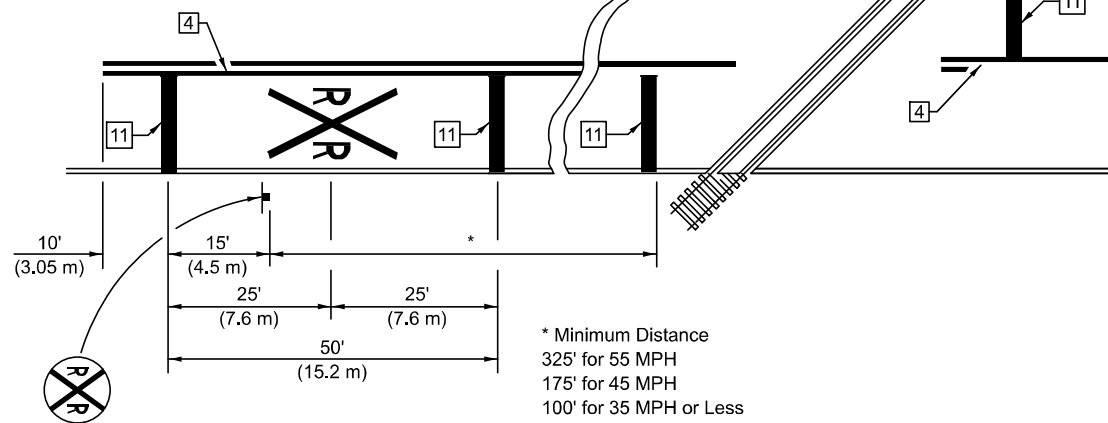
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PLOT DATE = 1/6/2026	DATE -	REVISED - 9/2022 JWS

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS
 (RURAL & URBAN APPLICATIONS)**

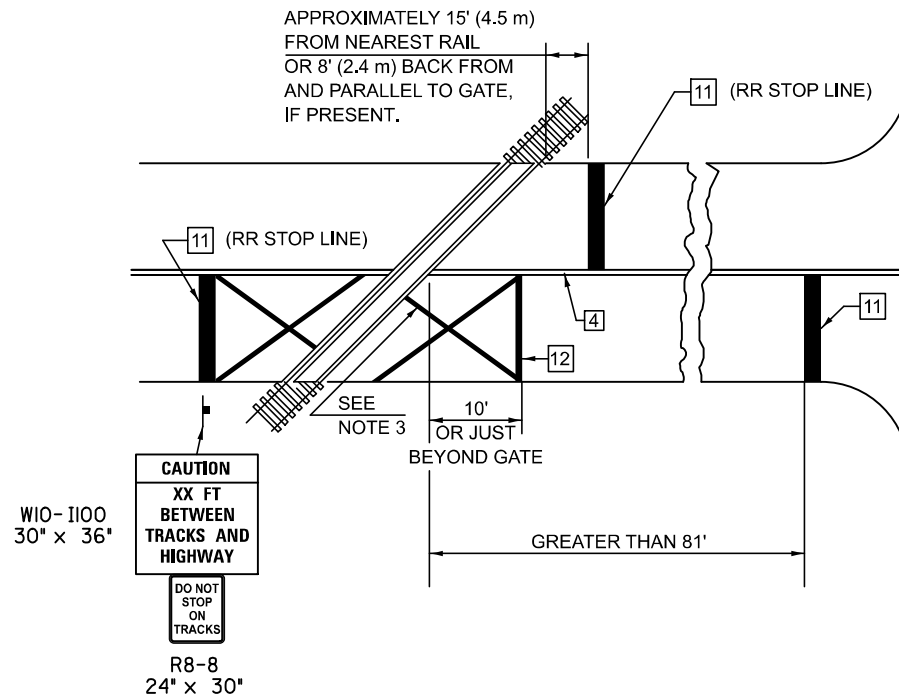
SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 70E82				
ILLINOIS FED. AID PROJECT				

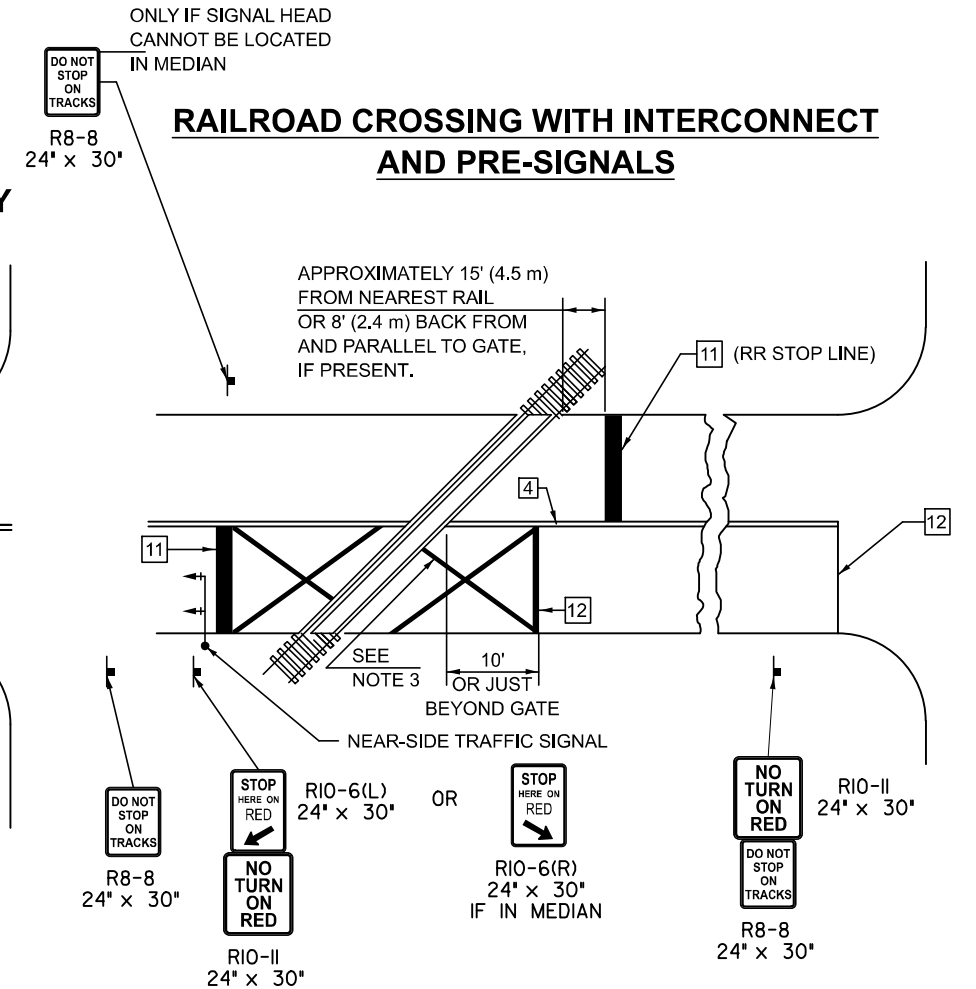


PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

RAILROAD CROSSING WITH INTERCONNECT ONLY



RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



GENERAL NOTES

- SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.
- 6" WHITE PAVEMENT MARKINGS AT 45° TO PAVEMENT, 8' CENTER TO CENTER.
- XX DISTANCE TO BE SHOWN ON SIGN MEASURED FROM A POINT 6 FEET FROM THE RAIL CLOSEST TO THE INTERSECTION OR FROM THE CLOSEST POINT ALONG THE EXIT GATE IF PRESENT OVER THE ROADWAY WHEN IN THE LOWERED POSITION TO THE STOP BAR OR CROSSWALK, WHICH EVER IS CLOSEST, ROUNDED DOWN TO NEAREST 5 FEET. WHERE THERE IS NO STOP LINE, MEASURE TO POINT WHERE DRIVER HAS A VIEW OF APPROACHING TRAFFIC.
- THE CLEARANCE SIGN IS ALSO TO BE USED AS AN INTERIM MEASURE AT LOCATIONS WITH INTERCONNECTED INTERSECTION TRAFFIC SIGNALS WHERE IT IS PLANNED TO CHANGE THEM TO NEAR-SIDE SIGNALS AT A FUTURE TIME. IN THIS CASE, THE DISTANCE TO BE SHOWN ON THE SIGN IS MEASURED FROM THE EDGE OF THE STRIPED-OUT AREA INSTEAD OF 6 FEET FROM THE RAIL. THE SIGN IS TO BE REMOVED WHEN THE NEAR-SIDE SIGNALS ARE INSTALLED AND THE PAVEMENT MARKINGS EXTENDED TO THE INTERSECTION.

SUPPLEMENT PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

ALTERNATE SIGNS



NOTES

THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 7800AAAA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(120)RS-1	MCLEAN	50	48
CONTRACT NO. 70E82				

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)**

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

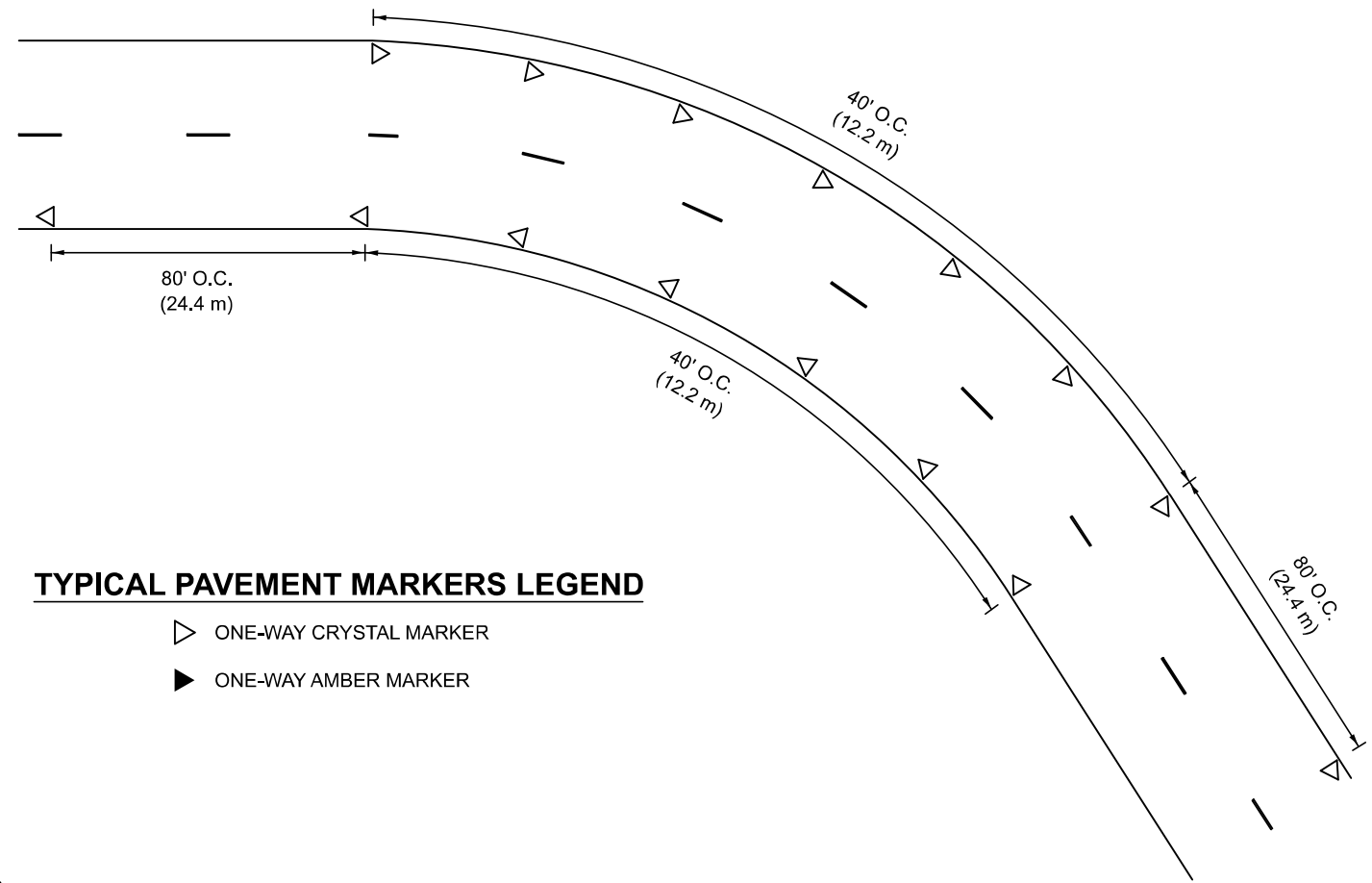
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PLOT DATE = 1/6/2026	DATE -	REVISED - 9/2022 JWS

DETAIL FOR RAISED REFLECTIVE PAVEMENT MARKERS ON HORIZONTAL CURVES

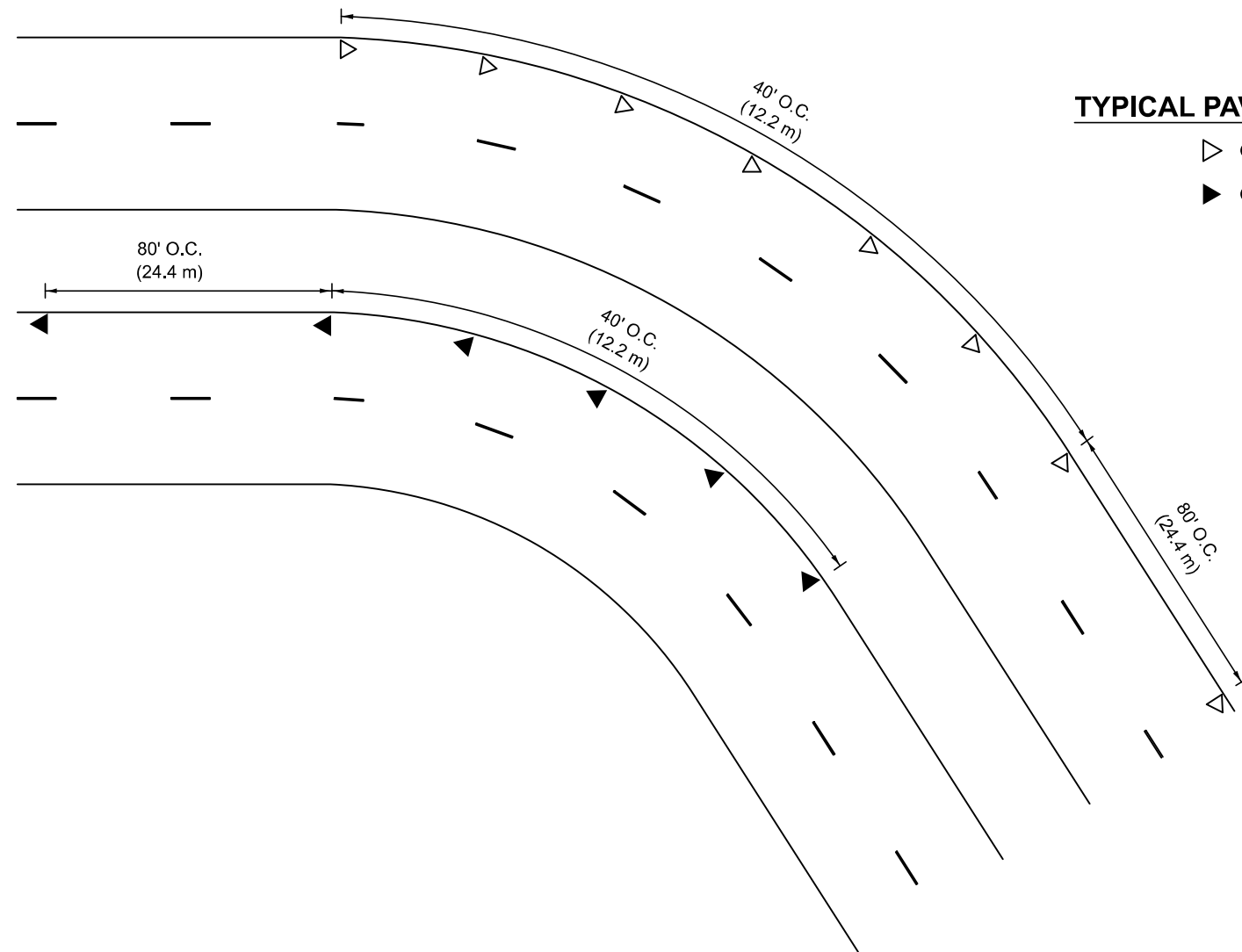
NOTE:
SEE SCHEDULES FOR LOCATIONS OF
RAISED REFLECTIVE PAVEMENT MARKERS
ON HORIZONTAL CURVES.

RAISED REFLECTIVE PAVEMENT MARKER
SHALL BE OFFSET 4" FROM PAVEMENT MARKING.

TWO LANE / TWO WAY

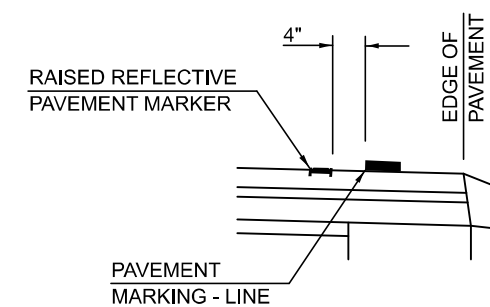


MULTI-LANE



TYPICAL PAVEMENT MARKERS LEGEND

- ▷ ONE-WAY CRYSTAL MARKER
- ▶ ONE-WAY AMBER MARKER



MODEL: SHT_PLAN
FILE NAME: C:\Bentley\CONNECT1011\Organization-Civil\DOT_Standards\Civil\DOT_Sheets.dwg

USER NAME = Eric.Thomas	DESIGNED - JWS	REVISED -
DRAWN - JDC	REVISIONS -	
PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -
PLOT DATE = 12/7/2022	DATE - 04/17/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RAISED REFLECTIVE PAVEMENT MARKERS DETAIL

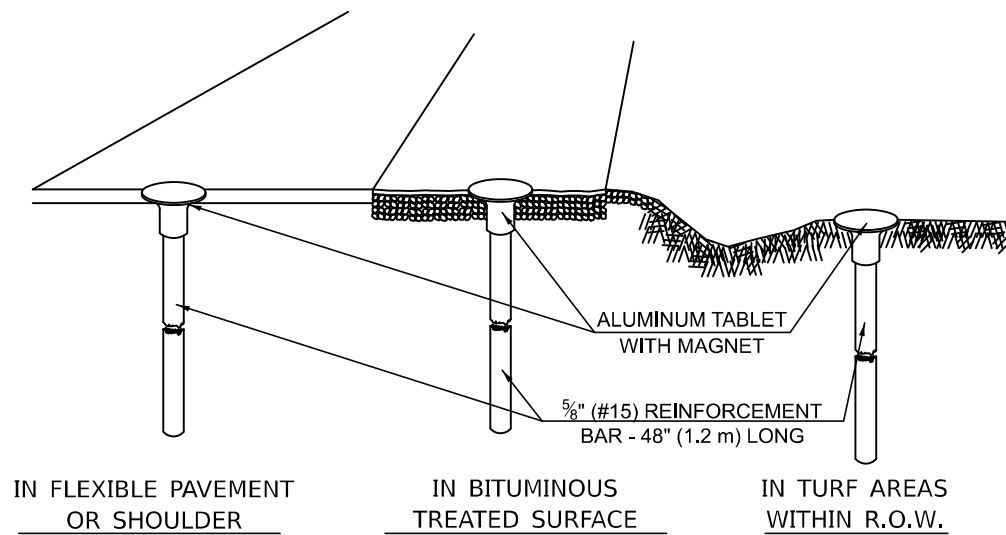
SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 7810AAAA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(120)RS-1	MCLEAN	50	49
CONTRACT NO. 70E82				
ILLINOIS FED. AID PROJECT				

XZ193300 - SURVEY MARKER, TYPE 1 (SPECIAL)

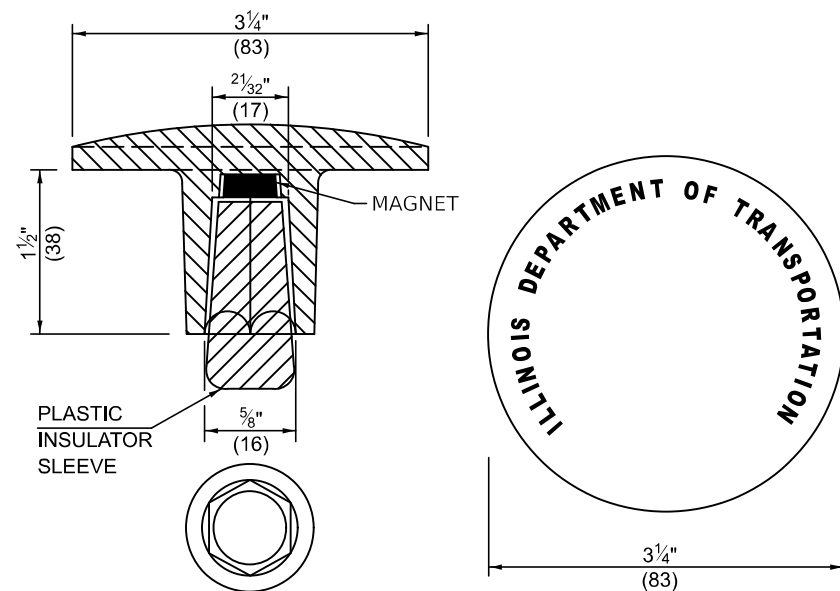
TO BE INSTALLED IN FLEXIBLE PAVEMENT OR SHOULDER, BITUMINOUS TREATED SURFACE AND TURF AREAS WITHIN THE RIGHT-OF-WAY FOR PRESERVING PERMANENT SURVEY MARKERS (PIS, PT'S, PC'S, POC'S, & POT'S)



IN FLEXIBLE PAVEMENT OR SHOULDER

IN BITUMINOUS TREATED SURFACE

IN TURF AREAS WITHIN R.O.W.



THE DIMENSIONS SHOWN SHALL BE EXACT, OTHERS MAY VARY, BUT SHALL BE SHOWN ON SHOP DRAWINGS.

GENERAL NOTES

1. THE CONTRACT UNIT PRICE, EACH, FOR SURVEY MARKER, TYPE 1 (SPECIAL) SHALL BE PAYMENT IN FULL FOR FURNISHING THE REINFORCEMENT BAR AND ALUMINUM TABLET AND FOR ALL LABOR AND MATERIAL REQUIRED TO SET THE MARKER IN PLACE.
2. ALL SURVEY MARKERS, TYPE 1 (SPECIAL) SHALL BE PLACED $\pm 1/4$ " (6 mm) BELOW THE FINAL SURFACE.
3. WHEN THE TABLET AND REBAR ARE PLACED AS PART OF A SURVEY MARKER VAULT, THEY SHALL BE CONSIDERED AS INCLUDED IN THAT PAY ITEM AND THERE WILL BE NO PAYMENT FOR THE SURVEY MARKER, TYPE 1 (SPECIAL).

SPECIFICATIONS FOR ALUMINUM TABLET

SURVEY CAP FOR REBAR. $3/4$ " (83 mm) CONVEX SURVEY CAP FOR $5/8$ " (15 mm) REBAR WITH ILLINOIS DEPARTMENT OF TRANSPORTATION LOGO. THIS LOGO SHALL PROVIDE LETTERS RECESSED INTO THE SURFACE A MINIMUM OF $1/32$ " (0.8 mm) FOR EASY AND LONG-TERM LEGIBILITY. THE ALUMINUM CAP FOR REBAR SHALL BE PRODUCED BY THE PROCESS OF ORBITAL FORGING TO PRODUCE A HIGH-STRENGTH AND DURABLE MARKER CAP WHICH WILL NOT CHIP OR BREAK AND PROVIDE A SMOOTH FINISH FOR STAMPING OF DATA IN THE FIELD. THE ALUMINUM CAP FOR REBAR SHALL BE TAPERED FOR A PERFECT COMPRESSION FIT. A SPECIAL PLASTIC INSULATOR SHALL BE INSTALLED TO PREVENT DISSIMILAR METAL CONTACT AND CORROSION. THE PLASTIC INSULATOR SHALL FORM READILY TO THE OUTER SHAPE OF THE REBAR AND TO THE INNER SHAPE OF THE ALUMINUM CAP SOCKET. THE PLASTIC INSULATOR SHALL BE LOW DENSITY POLYETHYLENE, A MINIMUM $1 1/2$ " (38 mm) LONG AND CONFORM TO FEDERAL SPECIFICATION L-P 390.

COMPOSITION: ALUMINUM 98.3-98.7%; OTHER 1.3-1.7%; STRENGTH: YIELD 28 KSI (193 MPa), ULTIMATE 32 KSI (221 MPa). ELONGATION 15% [IN 2" (50 mm)]. SPECIFICATIONS: ALUMINUM ALLOY 6101-0; ASTM B317-83 (EXCEPT TEMPER) AS FORGED. NO EXCEPTIONS.

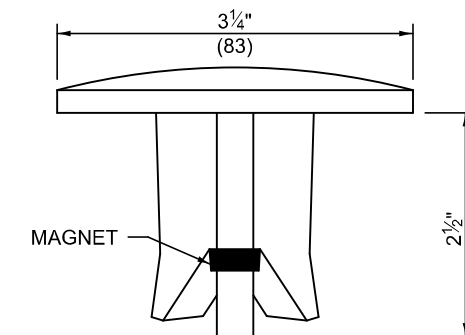
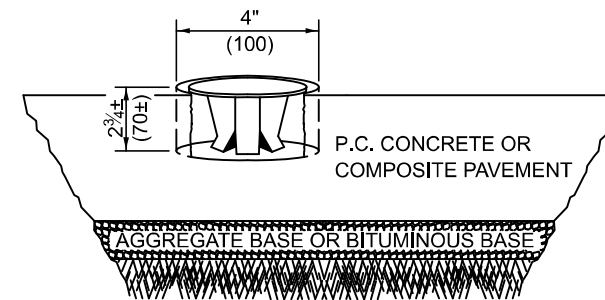
SPECIFICATIONS FOR REBAR

REBAR FOR ALUMINUM TABLET. REINFORCEMENT BAR SHALL BE $5/8$ " (#15) X 48" (1.2 m) (DEFORMED).

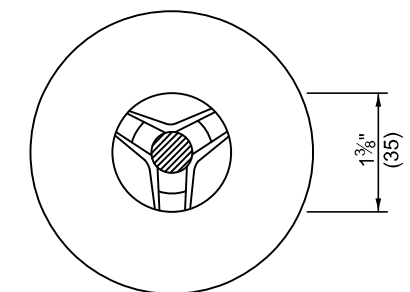
INSPECTION OF REINFORCEMENT BAR $5/8$ " (#15) SHALL BE DONE BY DISTRICT PERSONNEL OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS.

XZ193400 - SURVEY MARKER, TYPE 2 (SPECIAL)

TO BE INSTALLED IN RIGID OR COMPOSITE PAVEMENT FOR PRESERVING PERMANENT SURVEY MARKERS (PIS, PT'S, PC'S, POC'S, & POT'S)



SIDE VIEW



BOTTOM VIEW

THE DIMENSIONS SHOWN SHALL BE EXACT, OTHERS MAY VARY, BUT SHALL BE SHOWN ON SHOP DRAWINGS.

GENERAL NOTES

1. WORK ON THIS ITEM SHALL NOT START UNTIL THE FINAL SURFACE IS COMPLETED.
2. THE ALUMINUM TABLET (FORKED) SHALL REST UPON THE BOTTOM OF THE 4" (100 mm) CORE HOLE. IF THE HOLE IS TOO DEEP, EPOXY GROUT MUST BE USED TO DECREASE THE DEPTH AND ALLOWED TO HARDEN BEFORE PROCEEDING.
3. THE ALUMINUM TABLET SHALL BE ANCHORED IN THE 4" (100 mm) DIAMETER HOLE IN THE NEW PAVEMENT WITH TWO-COMPONENT EPOXY CONFORMING TO APPLICABLE PORTIONS OF ARTICLE 1025.01 OF THE STANDARD SPECIFICATIONS.
4. THE 4" (100 mm) CORE HOLE SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.
5. THE CONTRACT PRICE, EACH, FOR SURVEY MARKER, TYPE 2 (SPECIAL) SHALL BE PAYMENT IN FULL FOR FURNISHING THE ALUMINUM TABLET AND FOR ALL LABOR AND MATERIAL REQUIRED TO SET THE MARKER IN PLACE, AS SPECIFIED, INCLUDING CORING THE NEW PAVEMENT.
6. ALL SURVEY MARKERS, TYPE 2 (SPECIAL) SHALL BE PLACED $\pm 1/4$ " (6 mm) BELOW THE FINAL SURFACE.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. XZ193AAA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(120)RS-1	MCCLEAN	50	50
				CONTRACT NO. 70E82
ILLINOIS FED. AID PROJECT				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SURVEY MARKER TYPE 1 & 2 (SPECIAL)

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