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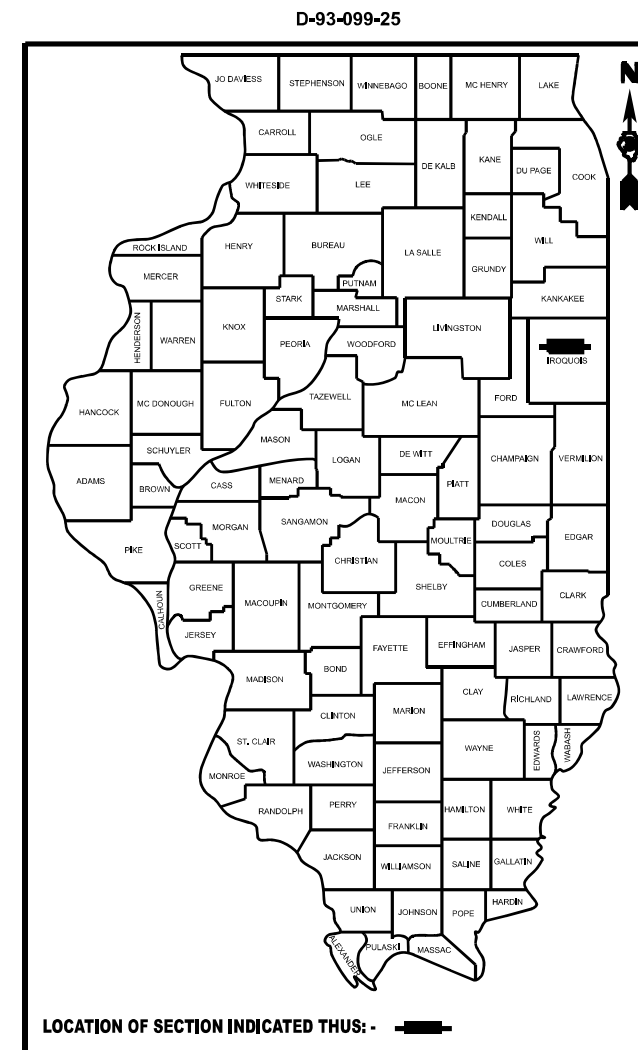
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED
HIGHWAY PLANS**

**FAP ROUTE 681 (US 52)
SECTION (118,119)RS-4
PROJECT STP-HSIP-6SFJ(580)
MILLING & RESURFACING
DESIGNED OVERLAY WITH SAFETY SHOULDER
IROQUOIS COUNTY**

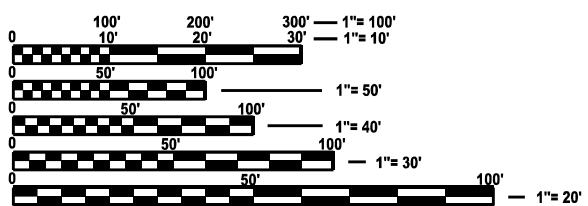
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(118,119)RS-4	IROQUOIS	28	1
		ILLINOIS	CONTRACT NO. 66R50	



FUNCTIONAL CLASSIFICATION

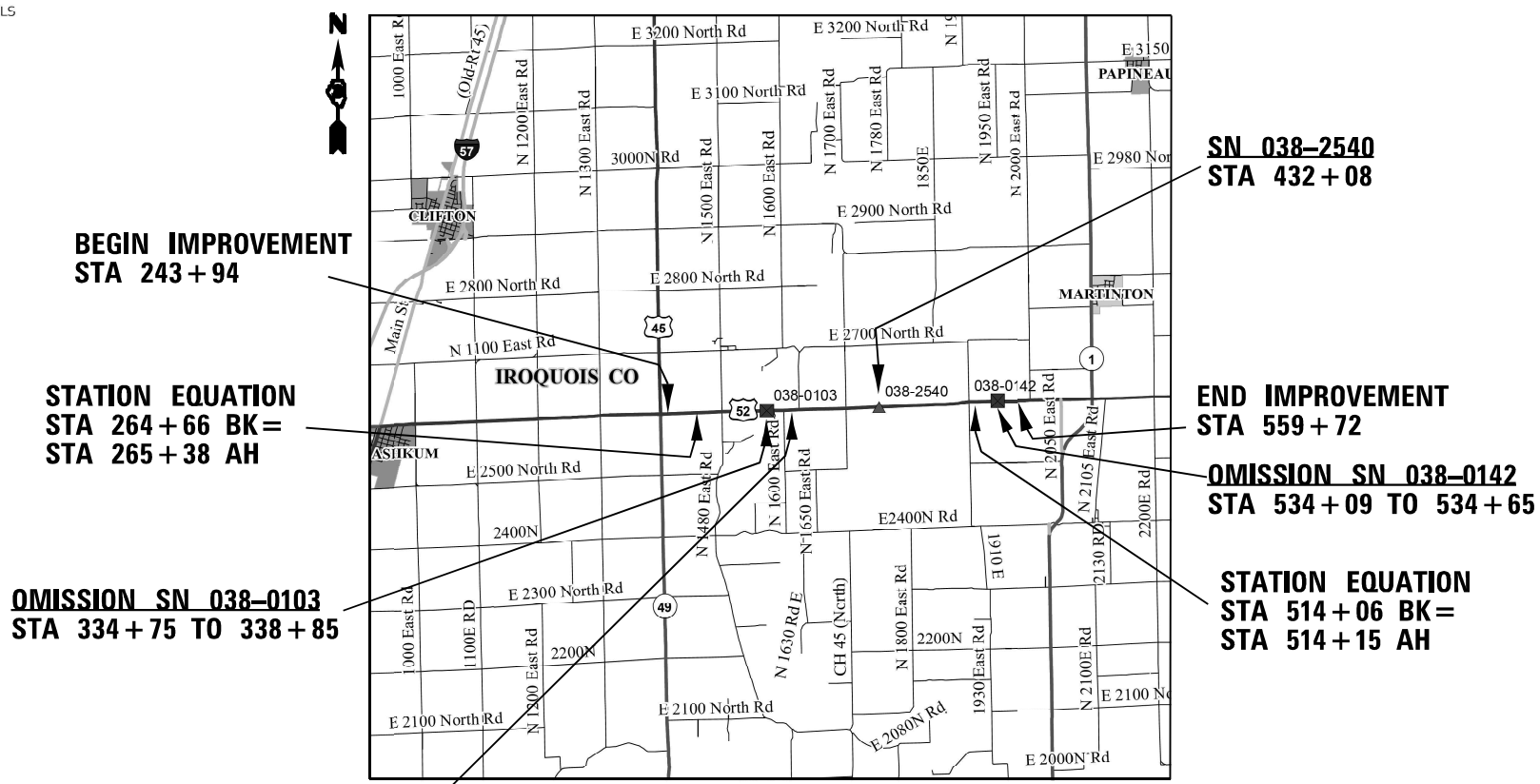
US 52
MINOR ARTERIAL
2023 ADT = 1750
PV=82.3% SU=3.4% MU=14.3%



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

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

PROJECT ENGINEER: JOE KANNEL, P.E.
SQUAD LEADER: MOHAMED YOUSIF
DISTRICT 3 NO. (815) 434-6131
CONTRACT NO. 66R50



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED February 4, 2026

Trisha Thompson REGIONAL ENGINEER

March 20, 2026

Scott E. [Signature] ENGINEER OF DESIGN AND ENVIRONMENT

March 20, 2026

[Signature] 5 DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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GENERAL NOTES

- THE HMA SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL SAW CUT THE HMA SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK WILL BE INCLUDED IN THE COST OF THE HMA SURFACE.
- THE HMA SHOULDERS SHALL BE CARRIED THROUGH ALL ENTRANCES AND MAILBOX TURNOUTS. EXCEPTIONS WILL BE SHOWN ON THE PLANS.
- EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
- BEFORE ORDERING PIPE CULVERTS OR PIPE DRAINS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR EXACT LENGTHS.
- THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.
- THE FINISHED EARTHWORK SHALL HAVE A VEGETATION SUSTAINING SOIL COVERING THE TOP FOUR INCHES (100 MILLIMETERS) IN AREAS TO BE SEEDED OR SODDED. THE VEGETATION SUSTAINING SOIL REQUIRED WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF FURNISHED EXCAVATION (SPECIAL).
- ON EXISTING PAVEMENT WHICH MAY BE SUPERELEVATED, THE NEW HMA PAVEMENT SHALL BE BUILT WITH THE SAME SUPERELEVATION UNLESS NEW SUPERELEVATION RATES ARE GIVEN ON THE PLANS.
- ADDITIONAL CONSTRUCTION PROJECTS MAY BE UNDER CONTRACT WITHIN OR NEAR THE LIMITS OF THIS PROJECT WHEN IT IS IN FORCE. THE CONTRACTOR FOR THIS PROJECT SHALL COOPERATE WITH THE CONTRACTORS ON THE OTHER PROJECTS ACCORDING TO ARTICLE 105.08 OF THE STANDARD SPECIFICATIONS. CONTRACTS ANTICIPATED TO BE IN THE VICINITY OF THIS CONTRACT ARE: 66M93
- THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05	TONS / CU YD
HMA RESURFACING	112	LBS / SQ YD / IN
SHORT TERM PAVEMENT MARKING	10	FT /100 FT OF APPLICATION
MIX FOR CRACKS, JTS & FLGWYS	0.0003	TONS / SQ YD
BINDER (HAND METHOD)	0.0005	TONS / SQ YD
TACK COAT	0.05	LBS/SQ FT
- ALL DAMAGE TO DEPARTMENT OWNED UNDERGROUND FACILITIES, CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER AND AT NO EXPENSE TO THE DEPARTMENT. THIS SHALL INCLUDE ALL TEMPORARY REPAIRS REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS. SPLICING OF ELECTRIC CABLE WILL NOT BE ALLOWED. ELECTRIC CABLE SHALL BE REPLACED FROM POLE TO POLE OR CONTROLLER.
- MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE: ATT DISTRIBUTION, EIEC, FRONTIER, MARATHON-MARTINVILLE, MARATHON-GRIFFITH, IN, AND METRO COMM.

COMMITMENTS

NONE

HMA MIXTURE REQUIREMENT TABLE					
LOCATIONS:	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT
MIXTURE USE(S):	HMA	HMA	HMA SHOULDER	HMA SHOULDER	HMA
	BINDER	SURFACE	BOTTOM LIFT(S)	TOP LIFT	INCIDENTAL
BINDER GRADE (PG):	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION:	IL 19.0	IL 9.5	IL 19.0	IL 9.5	IL 9.5
(MIXTURE GRADATION)					
FRICTION AGGREGATE:		MIXTURE C		MIXTURE C	MIXTURE C
MIXTURE WEIGHT:	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	QCP	QCP	QCQA *	QCQA *	QCQA
SUBLOT SIZE:	1000 TONS	1000 TONS	N/A	N/A	N/A
DENSITY TEST METHOD:	CORES	CORES	CORES/NUCLEAR	CORES/NUCLEAR	SATISFACTION OF ENGINEER
MATERIAL TRANSFER DEVICE (REQUIRED):	YES	YES	NO	NO	NO

* IF SHOULDERS ARE PAVED WITH MAINLINE, THE MAINLINE QUALITY MANAGEMENT PROGRAM SHALL GOVERN.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE
AS BUILT INFORMATION

SUPERVISING CONSTRUCTION FIELD ENGINEER

RESIDENT ENGINEER / TECHNICIAN

START & END DATES
OF CONSTRUCTION:

INSPECTORS:

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

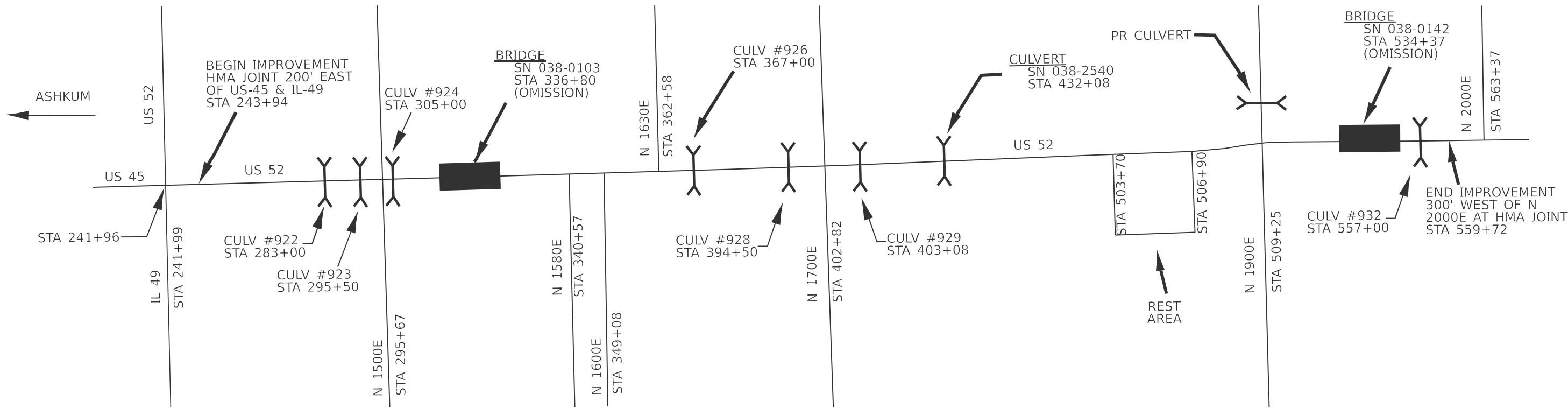
GENERAL NOTES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(118,119)RS-4	IROQUOIS	28	2
CONTRACT NO. 66R50				
SCALE:	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	

IROQUOIS COUNTY



MARTINTON



STATION EQUATIONS		
STA 264+66.17	BK =	265+38.12 AH
STA 276+00.00	BK =	275+97.70 AH
STA 295+00.00	BK =	295+01.50 AH
STA 315+00.00	BK =	315+01.50 AH
STA 330+96.98	BK =	331+00.00 AH
STA 344+00.00	BK =	344+00.30 AH
STA 358+00.00	BK =	358+20.50 AH
STA 383+00.00	BK =	383+01.99 AH
STA 457+00.00	BK =	457+04.32 AH
STA 488+00.00	BK =	488+04.00 AH
STA 514+06.78	BK =	514+15.56 AH
STA 548+00.00	BK =	547+99.00 AH

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LINE DIAGRAM			
SCALE:	SHEET 3	OF	SHEETS
STA.		TO	STA.

F.A.P. RTE. 681	SECTION (118,119)RS-4	COUNTY IROQUOIS	TOTAL SHEETS 28	SHEET NO. 3
CONTRACT NO. 66R50				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				STP-RUR 80% FED & 20% STATE	HSIP 90% FED & 10% STATE
				ROADWAY	SAFETY
				0005 RURAL	0021 RURAL
20200100	EARTH EXCAVATION	CU YD	475	475	
20800150	TRENCH BACKFILL	CU YD	89.2	89.2	
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	264	264	
21400100	GRADING AND SHAPING DITCHES	FOOT	2400	2400	
25000210	SEEDING, CLASS 2A	ACRE	0.5	0.5	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	45	45	
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	45	45	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	45	45	
25100630	EROSION CONTROL BLANKET	SQ YD	2203	2203	
35800200	AGGREGATE BASE REPAIR	TON	180	180	
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	48	48	
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	2652	2652	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	106364	81908	24456
40600370	LONGITUDINAL JOINT SEALANT	FOOT	30999	30999	

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PLOT DATE = 2/3/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(118,119)RS-4	IROQUOIS	28	4
CONTRACT NO. 66R50				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				STP-RUR	HSIP
				80% FED & 20% STATE	90% FED & 10% STATE
				ROADWAY	SAFETY
				0005	0021
				RURAL	RURAL
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	27	27	
40600405	MATERIAL TRANSFER DEVICE	TON	19917	19917	
40600900	HOT-MIX ASPHALT BINDER COURSE (HAND METHOD), N50	TON	45	45	
40600990	TEMPORARY RAMP	SQ YD	801	801	
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	12398	12398	
40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	7651	7651	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	484	484	
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	1179	1179	
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SQ YD	62886	62886	
44201815	CLASS D PATCHES, TYPE II, 14 INCH	SQ YD	302	302	
44201819	CLASS D PATCHES, TYPE III, 14 INCH	SQ YD	57	57	
44201821	CLASS D PATCHES, TYPE IV, 14 INCH	SQ YD	1454	1454	
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	27176		27176
50104400	CONCRETE HEADWALL REMOVAL	EACH	6	6	

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	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	681	(118,119)RS-4	IROQUOIS	28	5
	CHECKED -	REVISED -		CONTRACT NO. 66R50										
PLOT DATE = 2/3/2026	DATE -	REVISED -		ILLINOIS FED. AID PROJECT										

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				STP-RUR 80% FED & 20% STATE	HSIP 90% FED & 10% STATE
				ROADWAY	SAFETY
				0005 RURAL	0021 RURAL
50105220	PIPE CULVERT REMOVAL	FOOT	207	207	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	42	42	
542A5473	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 18"	FOOT	134	134	
542A5479	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 24"	FOOT	41	41	
542D0229	PIPE CULVERTS, CLASS D, TYPE 1 24"	FOOT	6	6	
542D5470	PIPE CULVERTS, CLASS D, TYPE 1 EQUIVALENT ROUND-SIZE 15"	FOOT	32	32	
54214713	PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND-SIZE 18"	EACH	6	6	
54248510	CONCRETE COLLAR	CU YD	0.5	0.5	
54262724	METAL FLARED END SECTIONS 24"	EACH	1	1	
54262815	METAL FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 15"	EACH	2	2	
54262836	METAL FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 36"	EACH	1	1	
54263324	CONCRETE END SECTION, STANDARD 542011, 24", 1:3	EACH	2	2	
60905305	BOX CULVERTS TO BE CLEANED	FOOT	5	5	
63500105	DELINEATORS	EACH	30	30	

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PLOT DATE = 2/3/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(118,119)RS-4	IROQUOIS	28	6
CONTRACT NO. 66R50			ILLINOIS FED. AID PROJECT	

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				ROADWAY	SAFETY
				0005 RURAL	0021 RURAL
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	61142		61142
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	4	
67100100	MOBILIZATION	L SUM	1	1	
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1	
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1		1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	15	15	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	8811	8811	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	2936	2936	
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	6	6	
* 78004720	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 24"	FOOT	13	13	
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	137546	137546	
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	15368	15368	
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	18	18	
* 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	13	13	

*= SPECIALTY ITEM

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

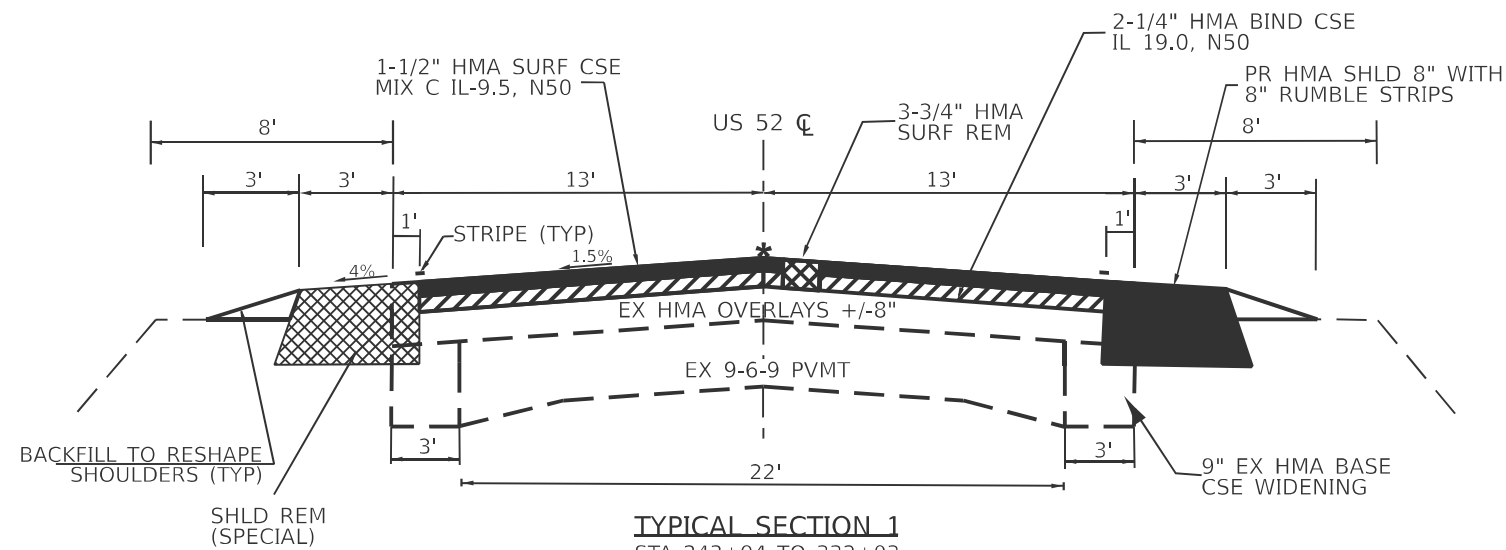
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CONTRACT NO. 66R50			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				STP-RUR	HSIP
				80% FED & 20% STATE	90% FED & 10% STATE
				ROADWAY	SAFETY
				0005	0021
				RURAL	RURAL
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	401	401	
78200005	GUARDRAIL REFLECTORS, TYP C A	EACH	40	40	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	401	401	
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	444	444	
X2040805	FURNISHED EXCAVATION (SPECIAL)	CU YD	50	50	
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	29620	29620	
X4404262	SHOULDER REMOVAL (SPECIAL)	SQ YD	27176		27176
X5427602	REMOVE EXISTING FLARED END SECTION	EACH	10	10	
X6350204	LINEAR DELINEATOR PANELS, 4 INCH	EACH	26	26	
X6350206	LINEAR DELINEATOR PANELS, 6 INCH	EACH	18	18	
∅ Z0076600	TRAINEES	HOUR	1,000	1,000	
X6670106	FURNISH PERMANENT SURVEY MARKERS	EACH	7	7	
∅ Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	1,000	1,000	
X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	42	42	

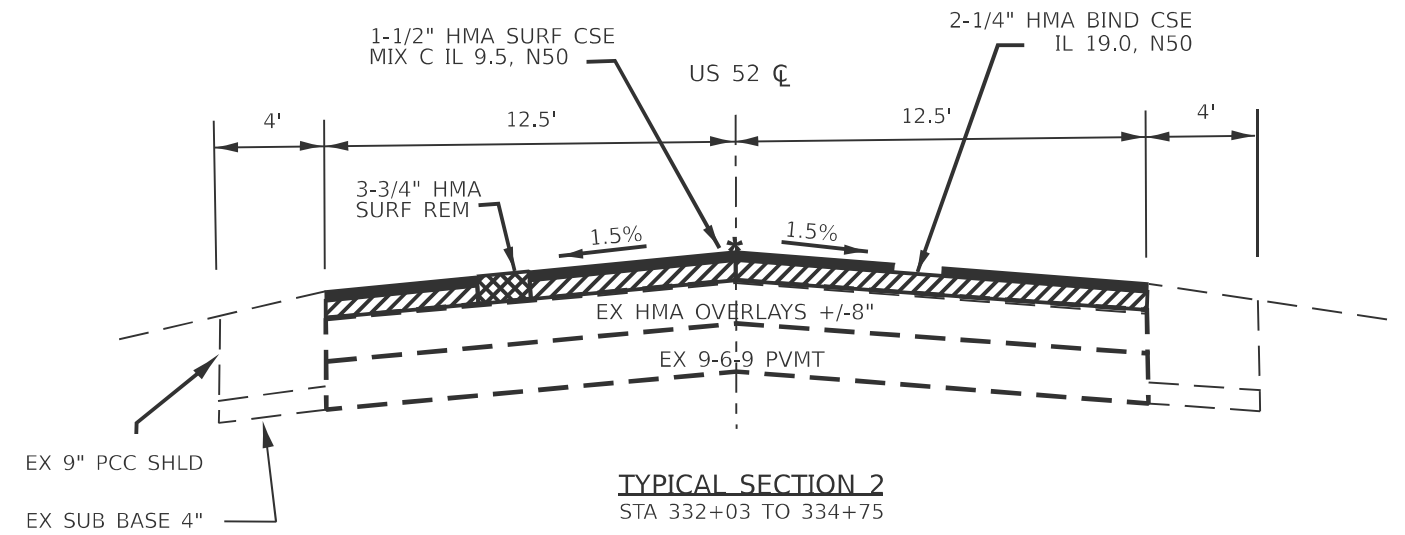
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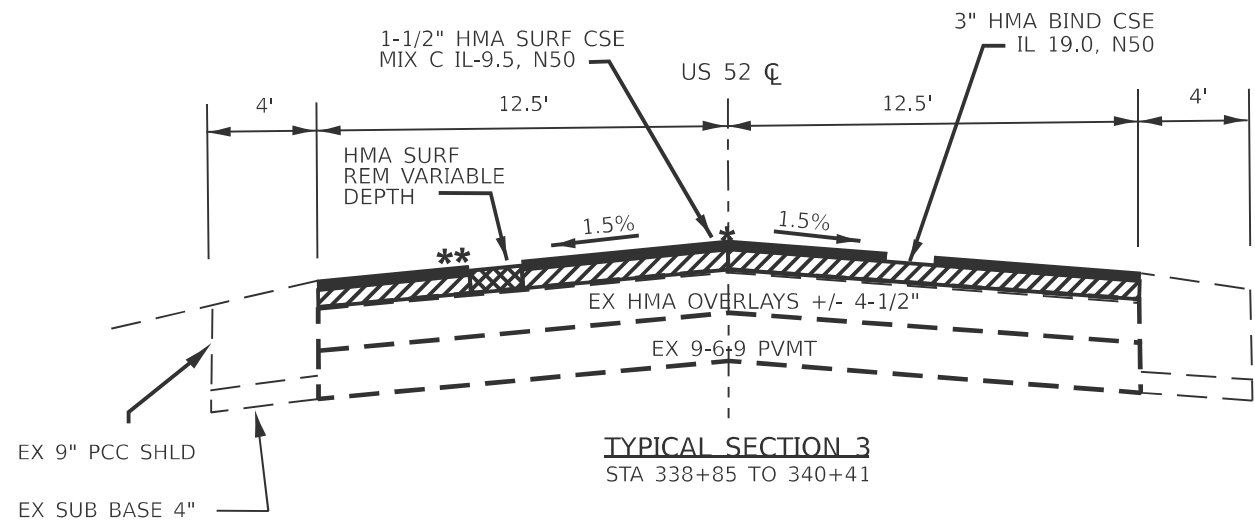
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	DRAWN -	REVISED -		681	(118,119)RS-4	IROQUOIS	28	8				
	CHECKED -	REVISED -						CONTRACT NO. 66R50				
PLOT DATE = 2/3/2026	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



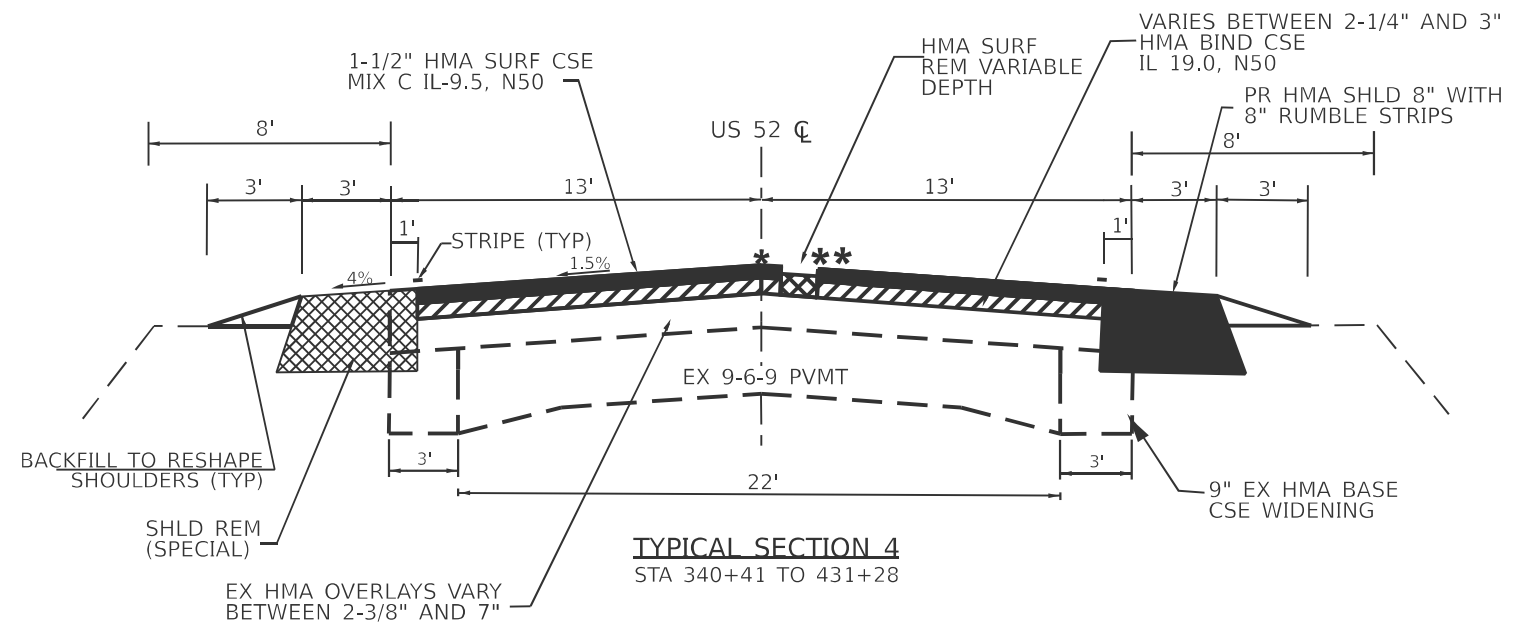
TYPICAL SECTION 1
 STA 243+94 TO 332+03
 STA 431+28 TO 559+72
 OMISSION: SN 038-0142
 STA 534+09 TO 534+65



TYPICAL SECTION 2
 STA 332+03 TO 334+75



TYPICAL SECTION 3
 STA 338+85 TO 340+41



TYPICAL SECTION 4
 STA 340+41 TO 431+28

* LONGITUDINAL JOINT SEALANT IS PLACED ON THE TOP OF THE BINDER COURSE JOINTS/UNDERNEATH THE SURFACE COURSE, FINAL LOCATION OF LONGITUDINAL JOINT SEALANT TO BE DETERMINED BY THE ENGINEER.

** AREAS OF TYPICAL SECTIONS 3 & 4 MAY HAVE EXISTING HMA DEPTH OF LESS THAN 7". THIS MILLING SHALL BE PAID FOR AS HMA SURF REM VARIABLE DEPTH. HMA CORE MEASUREMENTS IN THIS AREA VARY BETWEEN 2-3/8" AND 7".

NOTE: SN 038-0103 (STA 334+75 TO 338+85) IS LOCATED BETWEEN TYPICAL SECTIONS 2 & 3 AND IS OMITTED.

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PLOT DATE = 2/3/2026	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 681	SECTION (118,119)RS-4	COUNTY IROQUOIS	TOTAL SHEETS 28	SHEET NO. 9
CONTRACT NO. 66R50				
ILLINOIS FED. AID PROJECT				

MAINLINE SCHEDULE													
LOCATION	LENGTH	HMA WIDTH	RESURF AREA	HMA SURF REM VARIABLE DEPTH *	HMA SURF REM 3-3/4"	HMA BIND CSE IL-19.0. N50 (2-1/4" OR 3")	HMA SURF CSE IL 9.5 MIX C. N50 (1-1/2")	HMA BINDER CSE (HM) N50	LONG JOINT SEAL	BIT MATL (TACK COAT)	MIXTURE CRACKS JTS & FLANGEWYS	TEMP RAMP	MATL TRANS DEVICE
STATION	FOOT	FOOT	SQ FT	SQ YD	SQ YD	TON	TON	TON	FOOT	POUND	TON	SQ YD	TON
243+94 TO 264+66 BK	2072	26	53672		5986	754	503	3.0	2072	5387	1.8	36	1257
265+38 AH TO 276+00 BK	1062	26	27612		3068	387	258	1.5	1062	2761	0.9		645
275+97 AH TO 295+00 BK	1903	26	49478		5498	693	462	2.7	1903	4948	1.6		1155
295+01 AH TO 315+00 BK	1999	26	51574		5775	728	485	2.9	1999	5197	1.7		1213
315+01 AH TO 330+96 BK	1595	26	41470		4608	581	387	2.3	1595	4147	1.4		968
331+00 AH TO 332+03	103	26	2678		298	38	25	0.1	103	268	0.1		63
332+03 TO 334+75	272	25	6800		756	95	64	0.4	272	680	0.2	35	159
334+75 TO 338+85	410												
338+85 TO 340+41	156	25	3900	433		73	36	0.2	156	390	0.1	35	109
340+41 TO 358+00 BK	1759	26	45734	5082		854	427	2.5	1759	4573	1.5		1281
358+20 AH TO 383+00 BK	2480	26	64480	7164		1204	602	3.6	2480	6448	2.1		1806
383+02 AH TO 431+28	4826	26	125476	13942		2342	1171	7.0	4826	12548	4.2		3513
431+28 TO 457+00 BK	2572	26	66672		7430	936	624	3.7	2572	6687	2.2		1560
457+01 AH TO 488+00 BK	3096	26	80496		8944	1127	751	4.5	3096	8050	2.7		1878
488+04 AH TO 514+06 BK	2602	26	67652		7517	947	631	3.8	2602	6765	2.3		1578
514+15 AH TO 534+09	1994	26	51644		5760	726	484	2.9	1994	5184	1.7	36	1210
534+09 TO 534+65	56												
534+65 TO 548+00 BK	1335	26	34710		3857	486	324	1.9	1335	3471	1.2	36	810
547+99 AH TO 559+72	1173	26	30498		3389	427	285	1.7	1173	3050	1.0	36	712
TOTAL	31465		805546	26621	62886	12398	7519	45	30999	80554	27	214	19917

* THIS MILLING SHALL BE PAID FOR AS HMA SURF REM VARIABLE DEPTH. CORE MEASUREMENTS IN THIS AREA VARY BETWEEN 2-3/8" TO 4-1/2".

SHOULDER REMOVAL & REPLACEMENT SCHEDULE										
LOCATION	SIDE	LENGTH	SHOULDER REMOVAL (SPECIAL)	HMA SHOULDERS 8"	BIT MTL TACK COAT	SHLD RUMBLE STRIPS, 8"				
STATION	LT / RT	FOOT	SQ YD	SQ YD	POUND	FOOT				
243+94 TO 264+66 BK	LT & RT	2,072	1,842	1,842	1,658	4,144				
265+38 AH TO 276+00 BK	LT & RT	1,062	944	944	850	2,124				
275+97 AH TO 295+00 BK	LT & RT	1,903	1,692	1,692	1,522	3,806				
295+01 AH TO 315+00 BK	LT & RT	1,999	1,777	1,777	1,599	3,998				
315+01 AH TO 330+96 BK	LT & RT	1,595	1,418	1,418	1,276	3,190				
331+00 AH TO 332+03	LT & RT	103	92	92	82	206				
332+03 TO 340+41			OMISSION: PCC SHOULDER & SN 038-0103							
340+41 TO 358+00 BK	LT & RT	1,759	1,564	1,564	1,407	3,518				
358+20 AH TO 383+00 BK	LT & RT	2,480	2,204	2,204	1,984	4,960				
383+02 AH TO 457+00 BK	LT & RT	7,398	6,576	6,576	5,918	14,796				
457+04 AH TO 488+00 BK	LT & RT	3,096	2,752	2,752	2,477	6,192				
488+04 AH TO 514+06 BK	LT & RT	2,602	2,313	2,313	2,082	5,204				
514+15 AH TO 534+09	LT & RT	1,994	1,772	1,772	1,595	3,988				
534+09 TO 534+65			OMISSION: SN 038-0142							
534+65 TO 548+00 BK	LT & RT	1,335	1,187	1,187	1,068	2,670				
547+99 AH TO 559+72	LT & RT	1,173	1,043	1,043	938	2,346				
TOTAL		30,571	27,176	27,176	24,456	61,142				

REST AREA SCHEDULE										
LOCATION	COMMENT	LENGTH	HMA WIDTH	RESURF AREA	HMA SURF REM 2"	HMA SURF CSE IL 9.5 MIX C. N50 (2")	BITUMINOUS MATERIAL (PRIME COAT)	AGG SURFACE COURSE, TY B	AGG BASE REPAIR	GEOTECHNICAL FABRIC FOR GND STABILIZATION
		FOOT	FOOT	SQ FT	SQ YD	TON	POUND	TON	TON	SQ YD
REST AREA	RESURFACING	400	27	10607	1179	132	2652	30		
	AGG BASE REPAIR	30	27						60	88
	AGG BASE REPAIR	30	27						60	88
	AGG BASE REPAIR	30	27						60	88
TOTAL				10607	1179	132	2652	30	180	264

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(118,119)RS-4	IROQUOIS	28	10
CONTRACT NO. 66R50				
ILLINOIS FED. AID PROJECT				

SIDEROAD & ENTRANCE SCHEDULE																			
LOCATION	SIDE	TYPICAL SECT	TYPE (FOR FORMULA ONLY)	TYPE	MAT'L	WIDTH	LENGTH	AREA	AGG SURF CSE, TYPE B	BITUMINOUS MATERIALS (TACK COAT)	HMA SURF REMOVAL VARIABLE DEPTH	INCIDENTAL HMA SURFACING	TEMP RAMP	FURNISHED EXCAVATION (SPECIAL)	SEEDING, CLASS 2A	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	EROSION CONTROL BLANKET
						FT	FT	SQ FT	TON	POUND	SQ YD	TON	SQ YD	CU YD	ACRE	POUND	POUND	POUND	SQ YD
STA 292+09	RT	1	FE	FE	AGG	41	3	123	1.6										
STA 295+67	RT	1	SIDEROAD	N 1500E	HMA	50	30	1500		75	167	26	69	5.0	0.034	3.1	3.1	3.1	167
STA 295+67	LT	1	SIDEROAD	N 1500E	HMA	50	30	1500		75	167	26	69	5.0	0.034	3.1	3.1	3.1	167
STA 322+62	LT	1	FE	FE	AGG	38	3	114	1.4										
STA 339+57	LT	3	PE	PE	HMA	29	15	435		22	48	8							
STA 340+57	RT	4	SIDEROAD	N 1580E	HMA	44	30	1320		66	147	25	61	5.0	0.03	2.7	2.7	2.7	147
STA 340+95	LT	4	MBTO	MBTD	HMA	104	10	1040		52	116	19							
STA 341+95	RT	4	MBTO	MBTD	HMA	72	10	720		36	80	13							
STA 342+40	RT	4	PE	PE	HMA	35	10	350		18	39	7							
STA 343+04	RT	4	MBTO	MBTD	HMA	90	10	900		45	100	17							
STA 344+88	RT	4	PE	PE	HMA	29	10	290		15	32	5							
STA 348+48	LT	4	FE	FE	AGG	33	3	99	1.3										
STA 349+08	RT	4	SIDEROAD	N 1600E	HMA	43	33	1419		71	158	27	60	5.5	0.033	3	3	3	158
STA 362+48	RT	4	FE	FE	AGG	12	3	36	0.5										
STA 362+58	LT	4	SIDEROAD	N 1630E	HMA	55	30	1650		83	183	31	76	5.0	0.038	3.4	3.4	3.4	183
STA 382+60	RT	4	PE	PE	HMA	54	10	540		27	60	10							
STA 384+63	RT	4	PE/MBTO	PE/MBTO	HMA	90	10	900		45	100	17							
STA 384+63	LT	4	FE	FE	AGG	45	3	135	1.7										
STA 386+37	LT	4	PE	PE	AGG	46	10	460	5.8										
STA 386+50	LT	4	MBTO	MBTD	HMA	90	10	900		45	100	17							
STA 402+82	RT	4	SIDEROAD	N 1700E	HMA	34	30	1020		51	113	19	47	5.0	0.023	2.1	2.1	2.1	113
STA 402+82	LT	4	SIDEROAD	N 1700E	HMA	43	30	1290		65	143	24	60	5.0	0.03	2.7	2.7	2.7	143
STA 413+94	LT	4	PE	PE	HMA	38	10	380		19	42	7							
STA 414+45	RT	4	MBTO	MBTD	HMA	72	10	720		36	80	13							
STA 415+12	LT	4	PE	PE	HMA	61	10	610		31	68	11							
STA 439+19	LT	1	PE	PE	HMA	35	10	350		18	39	6							
STA 439+19	RT	1	MBTO	MBTD	HMA	72	10	720		36	80	12							
STA 442+07	LT	1	PE	PE	HMA	30	10	300		15	33	5							
STA 442+07	RT	1	MBTO	MBTD	HMA	72	10	720		36	80	12							
STA 453+32	RT	1	FE	FE	AGG	42	3	126	1.6										
STA 455+73	LT	1	FE	FE	AGG	24	3	72	0.9										
STA 478+15	RT	1	FE	FE	AGG	51	3	153	1.9										
STA 480+15	RT	1	PE/MBTO	PE/MBTO	HMA	72	10	720		36	80	12							
STA 509+25	RT	1	SIDEROAD	N 1900E	HMA	50	30	1500		75	167	26	69	5.0	0.034	3.1	3.1	3.1	167
STA 509+25	LT	1	SIDEROAD	N 1900E	HMA	55	30	1650		83	183	28	76	5.0	0.038	3.4	3.4	3.4	183
STA 510+54	LT	1	FE	FE	AGG	17	3	51	0.6										
STA 510+69	RT	1	MBTO	MBTD	HMA	72	10	720		36	80	12							
STA 511+92	LT	1	PE	PE	HMA	51	11	561		28	62	10							
STA 513+48	RT	1	PE/MBTO	PE/MBTO	HMA	80	10	800		40	89	14							
STA 529+81	RT	1	MBTO	MBTD	HMA	72	10	720		36	80	12							
STA 529+81	RT	1	PE	PE	HMA	33	10	330		17	37	6							
STA 543+47	LT	1	FE	FE	AGG	25	3	75	0.9										
STA 553+11	RT	1	FE	FE	HMA	41	10	410		21	46	7							
TOTAL									18	1354	2999	484	587	50	0.5	45	45	45	1428

PLACE FURNISHED EXCAVATION (SPECIAL) AROUND SIDE ROAD RADII.

* SEEDING PAY ITEMS WILL NOT BE PAID SEPARATELY, BUT WILL BE INCLUDED IN THE COST OF FURNISHED EXCAVATION (SPECIAL)

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE. 681	SECTION (118,119)RS-4	COUNTY IROQUOIS	TOTAL SHEETS 28	SHEET NO. 11
CONTRACT NO. 66R50				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING SCHEDULE													
LOCATION		COMMENT	LENGTH	MODIFIED URETHANE PM (2 APPLICATIONS)				PREFORMED PLASTIC PM, TYPE D-STD	GROOVING FOR REC PM	RAISED REF PM	RAISED REF PM REM	PM REM-WATER BLASTING	
				LINE 4"		LINE 6'	LINE 12"						LINE 24"
				WHITE	YELLOW	YELLOW	YELLOW						WHITE
STATION			FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	SQ FT	
STA 242+44	TO STA 243+94	NO PASSING	150	600	600		18	13	13	8	8	444	
STA 243+94	TO STA 245+02	NO PASSING	108	432	432					1	1		
STA 245+02	TO STA 264+66 BK	PASSING	1964	7856		982				25	25		
STA 265+38	AH TO STA 276+00 BK	PASSING	1062	4248		532				13	13		
STA 275+97	AH TO STA 295+00 BK	PASSING	1903	7612		952				24	24		
STA 295+01	AH TO STA 315+00 BK	PASSING	1999	7996		1000				25	25		
STA 315+01	AH TO STA 330+96 BK	PASSING	1595	6380		798				20	20		
STA 331+00	AH TO STA 358+00 BK	PASSING	2700	10800		1350				34	34		
STA 358+20	AH TO STA 383+00 BK	PASSING	2480	9920		1240				31	31		
STA 383+02	AH TO STA 457+00 BK	PASSING	7398	29592		3700				92	92		
STA 457+04	AH TO STA 478+93	PASSING	2189	8756		1094				27	27		
STA 478+93	TO STA 486+23	NO EB PASS	730	2920	1460	366				9	9		
STA 486+23	TO STA 488+00 BK	PASSING	177	708		88				2	2		
STA 488+04	AH TO STA 489+17	PASSING	113	452		56				1	1		
STA 489+17	TO STA 497+57	NO WB PASS	840	3360	1680	420				11	11		
STA 497+57	TO STA 497+92	PASSING	35	140		18							
STA 497+92	TO STA 508+81	NO EB PASS	1089	4356	2178	544				14	14		
STA 508+81	TO STA 514+06 BK	NO PASSING	525	2100	2100					7	7		
STA 514+15	AH TO STA 515+18	NO PASSING	103	412	412					1	1		
STA 515+18	TO STA 526+30	NO WB PASS	1112	4448	2224	556				14	14		
STA 526+30	TO STA 548+00 BK	PASSING	2170	8680		1086				27	27		
STA 547+99	AH TO STA 559+72	PASSING	1173	4692		586				15	15		
TOTALS			31615	137546		15368	18	13	13	401	401	444	

NOTE: PLACE EDGE LINE AND CENTER LINE MARKINGS TO THE STOP BAR AT US 45 AS INDICATED IN THE FIRST ROW OF THE SCHEDULE.

STRUCTURE REFLECTOR SCHEDULE							
SN	LOCATION	GUARDRAIL LENGTH	PARAPET LENGTH	GUARDRAIL REFLECTORS, TYPE A	TERMINAL MARKER DIRECT APPLIED	LINEAR DELINEATOR PANELS 4 INCH	LINEAR DELINEATOR PANELS 6 INCH
		FOOT	FOOT	EACH	EACH	EACH	EACH
038-0103	SW GR	262		4	1	4	
	NW GR	253		4		4	
	S PARAPET		426				6
	N PARAPET		417				6
	SE GR	105		4		2	
	NE GR	54		4		2	
038-2540	SW GR	153		4	1	3	
	NE GR	153		4	1	3	
038-0142	SW GR	92		4	1	2	
	NW GR	92		4	1	2	
	S PARAPET		56				3
	N PARAPET		56				3
	SE GR	87		4		2	
	NE GR	87		4	1	2	
TOTAL				40	6	26	18

SHORT TERM PAVEMENT MARKINGS				
LOCATION		LENGTH	SHORT TERM PM	SHORT TERM PM REM
STATION		FOOT	FT	SQ FT
STA 243+94	TO STA 264+66 BK	2072	580	193
STA 265+38	AH TO STA 276+00 BK	1062	297	99
STA 275+97	AH TO STA 295+00 BK	1903	533	178
STA 295+01	AH TO STA 315+00 BK	1999	560	187
STA 315+01	AH TO STA 330+96 BK	1595	447	149
STA 331+00	AH TO STA 332+03	103	29	10
STA 332+03	TO STA 340+41	838	235	78
STA 340+41	TO STA 358+00 BK	1759	493	164
STA 358+20	AH TO STA 383+00 BK	2480	694	231
STA 383+02	AH TO STA 457+00 BK	7398	2071	690
STA 457+04	AH TO STA 488+00 BK	3096	867	289
STA 488+04	AH TO STA 514+06 BK	2602	729	243
STA 514+15	AH TO STA 548+00 BK	3385	948	316
STA 547+99	AH TO STA 559+72	1173	328	109
TOTALS		31465	8811	2936

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 681	SECTION (118,119)RS-4	COUNTY IROQUOIS	TOTAL SHEETS 28	SHEET NO. 12
CONTRACT NO. 66R50				
ILLINOIS FED. AID PROJECT				

PATCHING SCHEDULE						
LOCATION		PATCH LENGTH	PATCH WIDTH	CLASS D PATCHES		
				TYPE II	TYPE III	TYPE IV
STATION	LANE	FOOT	FOOT	14 INCH		
				SQ YD	SQ YD	SQ YD
271+27	WB	18	13			26
275+63	EB	18	13			26
275+63	WB	18	13			26
301+30	EB	18	13			26
301+30	WB	18	13			26
332+00	WB	20	12.5			28
332+50	WB	20	12.5			28
333+00	WB	15	12.5		21	
333+00	EB	15	12.5		21	
334+48	WB	11	12.5		15	
342+00	EB	20	13			29
342+00	WB	20	13			29
346+86	EB	20	13			29
346+86	WB	20	13			29
348+47	EB	20	13			29
359+78	EB	20	13			29
359+78	WB	20	13			29
391+28	EB	8	13	12		
391+28	WB	8	13	12		
413+74	EB	10	13	14		
413+74	WB	10	13	14		
421+46	EB	23	13			33
424+85	WB	23	13			33
425+37	WB	34	13			49
426+42	WB	157	13			227
428+00	WB	175	13			253
429+17	WB	30	13			43
430+63	EB	30	13			43
430+63	WB	30	13			43
438+31	WB	20	13			29
445+40	WB	48	13			69
445+56	EB	8	13	12		
477+55	WB	75	13			108
491+81	WB	53	13			77
516+34	EB	8	13	12		
519+00	WB	8	13	12		
531+50	EB	8	13	12		
531+50	WB	8	13	12		
548+19	EB	8	13	12		
548+19	WB	10	13	14		
TOTAL				138	57	1396

DITCH CLEANING SCHEDULE													
LOCATION			LENGTH	WIDTH	SIDE	FLOW DIRECTION	GRADING & SHAPING DITCHES	EARTH EXCAVATION	SEEDING, CLASS 2A	NITROGEN FERTILIZER NUTRIENT (90 LB/ACRE)	PHOSPHORUS FERTILIZER NUTRIENT (90 LB/ACRE)	POTASSIUM FERTILIZER NUTRIENT (90 LB/ACRE)	EROSION CONTROL BLANKET
STA 254+50 TO STA 256+50			200	8	RT	EAST	200	30	0.037	3.3	3.3	3.3	178
STA 294+00 TO STA 294+50			50	8	LT	EAST	50	7	0.009	0.8	0.8	0.8	44
STA 312+00 TO STA 314+00			200	8	RT	WEST	200	30	0.037	3.3	3.3	3.3	178
STA 324+00 TO STA 326+00			200	8	LT	EAST	200	30	0.037	3.3	3.3	3.3	178
STA 327+50 TO STA 329+00			150	8	LT	EAST	150	22	0.028	2.5	2.5	2.5	133
STA 346+00 TO STA 349+00			300	8	RT	WEST	300	44	0.055	5	5	5	267
STA 350+50 TO STA 352+00			150	8	RT	WEST	150	22	0.028	2.5	2.5	2.5	133
STA 366+00 TO STA 367+00			100	8	RT	WEST	100	15	0.018	1.6	1.6	1.6	89
# STA 403+00 TO STA 403+00			100	8	LT	NORTH	100	15	0.018	1.6	1.6	1.6	89
STA 475+25 TO STA 478+25			300	8	RT	WEST	300	44	0.055	5	5	5	267
STA 478+50 TO STA 480+00			150	8	RT	WEST	150	22	0.028	2.5	2.5	2.5	133
STA 480+40 TO STA 480+90			50	8	RT	WEST	50	7	0.009	0.8	0.8	0.8	44
STA 499+50 TO STA 500+50			100	8	LT	EAST	100	15	0.018	1.6	1.6	1.6	89
& STA 509+00 TO STA 509+00			50	8	LT	SOUTH	50	7	0.009	0.8	0.8	0.8	44
STA 509+80 TO STA 511+80			200	8	LT	WEST	200	30	0.037	3.3	3.3	3.3	178
STA 556+60 TO STA 557+60			100	8	LT	EAST	100	15	0.018	1.6	1.6	1.6	89
TOTALS			2400	128			2400	360	0.45	40.5	40.5	40.5	2133

Grade north along E side of 1700E Rd
 & Grade south along W side of 1900E Rd. from new culvert location.

SEEDING FOR CROSSROAD CULVERT MAINTENANCE SCHEDULE									
STATION	SN	SIDE	LENGTH	WIDTH	SEEDING, CLASS 2A	NITROGEN FERTILIZER NUTRIENT (90 LB/ACRE)	PHOSPHORUS FERTILIZER NUTRIENT (90 LB/ACRE)	POTASSIUM FERTILIZER NUTRIENT (90 LB/ACRE)	EROSION CONTROL BLANKET
283+00	922	LT & RT	6.5	24.5	0.004	0.4	0.4	0.4	18
295+50	923	LT & RT	6.5	24.5	0.004	0.4	0.4	0.4	18
367+00	926	LT	6.0	12.3	0.002	0.2	0.2	0.2	8
394+50	928	LT & RT	2.7	25.0	0.002	0.2	0.2	0.2	8
403+08	929	LT & RT	6.5	24.5	0.004	0.4	0.4	0.4	18
					0.05	4.5	4.5	4.5	70

PATCHING OVER CULVERTS SCHEDULE						
LOCATION			PATCH LENGTH	PATCH WIDTH	CLASS D PATCHES	
					TYPE II	TYPE IV
STATION	LANE	SN	FOOT	FOOT	14 INCH	
					SQ YD	SQ YD
283+00	EB	#922	8	13	12	
283+00	WB	#922	8	13	12	
295+50	EB	#923	8	13	12	
295+50	WB	#923	8	13	12	
305+00	EB	#924	8	13	12	
305+00	WB	#924	8	13	12	
367+00	EB	#926	8	13	12	
367+00	WB	#926	8	13	12	
394+50	EB	#928	8	13	12	
394+50	WB	#928	8	13	12	
403+08	EB	#929	8	13	12	
403+08	WB	#929	8	13	12	
458+00	EB	#930	20	13		29
458+00	WB	#930	20	13		29
1900E NORTH LEG	NB	NEW	8	11	10	
1900E NORTH LEG	SB	NEW	8	11	10	
TOTAL					164	58

DELINEATOR SCHEDULE				
STA	SN NO.	SIDE	SIZE/TYPE	DELINEATORS
				EA
269+12	921	R & L	4'x3 CONC BOX	2
283+00	922	R & L	18" RCCP	2
295+50	923	R & L	18" RCCP	2
305+00	924	R & L	3'X2' CONC BOX	2
323+98	925	R & L	3'X2' CONC BOX	2
367+00	926	R & L	24" RCCP	2
377+00	927	R & L	24" RCCP	2
394+50	928	R & L	24" RCCP	2
403+08	929	R & L	24" RCCP	2
432+08	038-2540	R & L	6'x4 CONC BOX	2
458+00	930	R & L	24" RCCP	2
466+46	411	R & L	24" RCCP	2
499+84	931	R & L	24" RCCP	2
NORTH LEG OF 1900E RD	NEW	R & L	15" ARCH CMP	2
557+00	932	R & L	2'X2' CONC BOX	2
TOTAL				30

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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 2/3/2026	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 681	SECTION (118,119)RS-4	COUNTY IROQUOIS	TOTAL SHEETS 28	SHEET NO. 13
CONTRACT NO. 66R50				
ILLINOIS FED. AID PROJECT				

DRAINAGE SCHEDULE													
STATION	SN	SIDE	SIZE/TYPE	WORK DESCRIPTION	PIPE CULV REM	REM EX FLARED END SEC	EARTH EXCAVATION	PIPE CULV, CL D, TY 1 24"	METAL FLARED END SECTIONS 24"	METAL FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 36"	CONCRETE COLLAR	CONCRETE HEADWALL REMOVAL	BOX CULVERTS TO BE CLEANED
					FT	EA	CU YD	FT	EA	EA	CU YD	EA	FT
* 305+00	924	RT	3'X2' CONC BOX	REPLACE SOUTH 36" ARCH METAL FLARED END SECTION.		1	5.9			1			
** 367+00	926	LT	24" RCCP	REPLACE NORTH 24" CMP EXTENSION (4') AND METAL FLARED END SECTION AND POUR A NEW COLLAR.	6	1	8.7	6	1		0.5	1	
557+00	932	LT	2'X2' CONC BOX	CLEAN NORTH END SECTION.									5
TOTAL					6	2	15	6	1	1	0.5	1	5

* Assuming span of 42" and rise of 29" per std 542406-04 for culvert 924.
 ** If the engineer determines the existing pipe culvert is not suitable after headwall removal, then remove approximately 2' of existing pipe and replace with 6' Assuming pipe thickness of 2".

CULVERT SCHEDULE															
STATION	SN	SIDE	SIZE/TYPE	WORK DESCRIPTION	PIPE CULV REM	REM EX FLARED END SEC	EARTH EXCAVATION	PIPE CULV, CL A, TY 1 EQUIVALENT ROUND-SIZE 18"	PIPE CULV, CL A, TY 1 EQUIVALENT ROUND-SIZE 24"	PIPE CULV CL D, TY 1 EQUIVALENT ROUND-SIZE 15"	PRECAST REINF CONC FLARED END SEC ELLIPTICAL EQUIVALENT ROUND-SIZE 18"	CONCRETE END SECTION, STANDARD 542011, 24", 1:3	METAL FLARED END SECTIONS EQUIVALENT ROUND-SIZE 15"	CONC HEADWALL REMOVAL	TRENCH BACKFILL
					FT	EA	CU YD	FT	FT	FT	EA	EA	EA	EA	CU YD
283+00	922	LT TO RT	18" RCCP	REPLACE EX CULV WITH 18" ELLIPTICAL CONC PIPE WITH FLARED END SEC	49.5	2	20.3	44.5			2				18.5
295+50	923	LT TO RT	18" RCCP	REPLACE EX CULV WITH 18" ELLIPTICAL CONC PIPE WITH FLARED END SEC	49.5	2	21.4	44.5			2			1	19.6
394+50	928	LT TO RT	24" RCCP	REPLACE EX CULV WITH PIPE CULVERT EQUIVALENT ROUND-SIZE 24"	49.5	2	28.8		41			2		2	25.2
403+08	929	LT TO RT	24" RCCP	REPLACE EX CULV WITH PIPE CULVERT EQUIVALENT ROUND-SIZE 18"	52	2	20.3	44.5			2			2	18.5
NORTH LEG OF 1900E RD	NEW	LT TO RT	15" ARCH CMP	INSTALL A 15" ARCH CMP CULVERT UNDER 1900E RD WITH METAL FLARED END SECTIONS			8.2			32			2		7.4
TOTAL					201	8	100	134	41	32	6	2	2	5	89.2

NOTE: PATCHING INCLUDED IN THE PATCHING OVER CULVERTS SCHEDULE.

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	DRAWN -	REVISED -		681	(118,119)RS-4	IROQUOIS	28	14				
	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 66R50				
PLOT DATE = 2/3/2026	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

PERMANENT SURVEY MARKER SCHEDULE

MONUMENT NUMBER	DESCRIPTION	APPROXIMATE LOCATION	EXISTING	PROPOSED	MONUMENT	RESPONSIBILITY
			MONUMENT	MONUMENT	RECORD TO BE	
			TYPE	TYPE	RECORDED	
052085	N QUARTER CORNER SECTION 29, T28N, R13W, 2ND PM	1/2 MI E OF US RTE 45	PK NAIL	TYPE 1	YES	1
052086	NE CORNER SECTION 29, T28N, R13W, 2ND PM	1500 E RD INTERSECTION	MAG NAIL	TYPE 1	YES	1
052088	NE CORNER SECTION 28, T28N, R13W, 2ND PM	1600 E RD INTERSECTION	BURIED #5 REBAR	TYPE 1	YES	1
052090	NE CORNER SECTION 27, T28N, R13W, 2ND PM	1700 E RD INTERSECTION	MAG NAIL	TYPE 1	YES	1
052093	N QTR CORNER SECTION 25, T28N, R13W, 2ND PM	1/2 MI E OF 1700 E RD	1.5" DIA. IRON PIPE	TYPE 1	YES	1
052095	NW CORNER SECTION 30, T28N, R12W, 2ND PM	1900 E RD INTERSECTION	MAG SPIKE	TYPE 1	YES	1
052097	NW CORNER SECTION 29, T28N, R12W, 2ND PM	2000 E RD INTERSECTION	BURIED 1.5" DIA. IRON PIPE	TYPE 1	YES	1

ONLY THE ORIGINAL SCOPE OF THIS JOB HAS BEEN SEARCHED FOR MONUMENTS. R.E. MUST INFORM PLATS AND PLANS TO SEARCH FOR ADDITIONAL MONUMENTS PRIOR TO MILLING IF ADDENDUMS HAVE BEEN ADDED TO THIS JOB.

R.E. WILL INFORM PLATS AND PLANS WHEN SURFACE IS TO BE MILLED FOR THE PURPOSE OF LOCATING MONUMENTS NOTED AS BURIED.

UNKNOWN MONUMENTS MAY EXIST. IF AN UNLISTED MONUMENT IS FOUND, R.E. IS REQUIRED TO PROTECT THE MONUMENT FROM DAMAGE UNTIL A PLATS AND PLANS LAND SURVEYOR CAN DOCUMENT THE MONUMENT. PLATS AND PLANS WILL RESET SUCH MONUMENTS IN KIND FOLLOWING CONSTRUCTION.

NOTE: FOR BIDDING PURPOSES NO CONTRACTED LAND SURVEYING SERVICES WILL BE REQUIRED.

PLATS AND PLANS WILL PREPARE AND RECORD ANY REQUIRED MONUMENT RECORDS.

TRAFFIC CONTROL SHALL BE PROVIDED BY THE CONTRACTOR FOR THE ENGINEER TO INSTALL ALL MONUMENT TYPES.

RESPONSIBILITY:

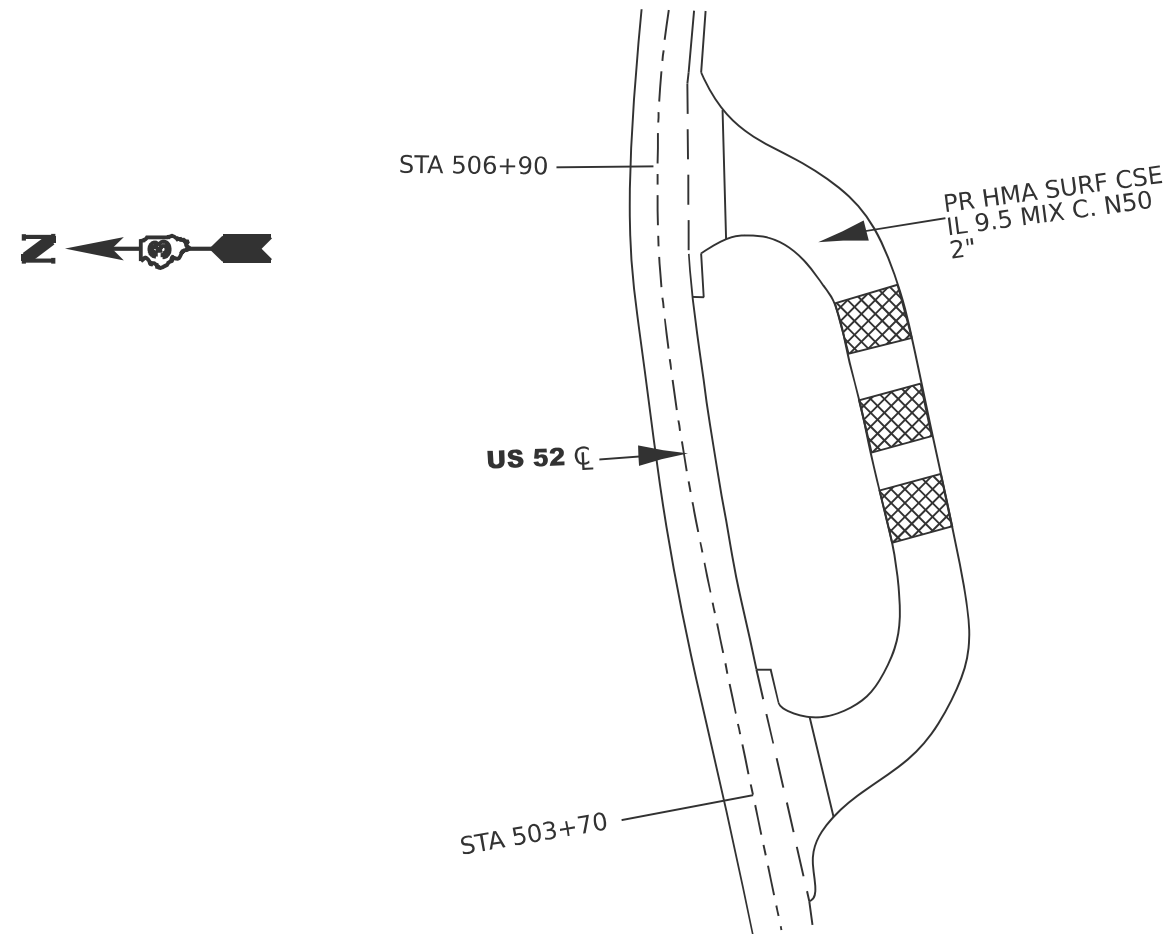
- 1) RESIDENT TO COORDINATE WITH PLATS AND PLANS STAFF TO RE-ESTABLISH MONUMENT (PAY ITEM REQUIRED ACCORDING TO THE SPECIAL PROVISION "FURNISH PERMANENT SURVEY MARKER")
- 2) PLATS AND PLANS TO RE-ESTABLISH MONUMENT

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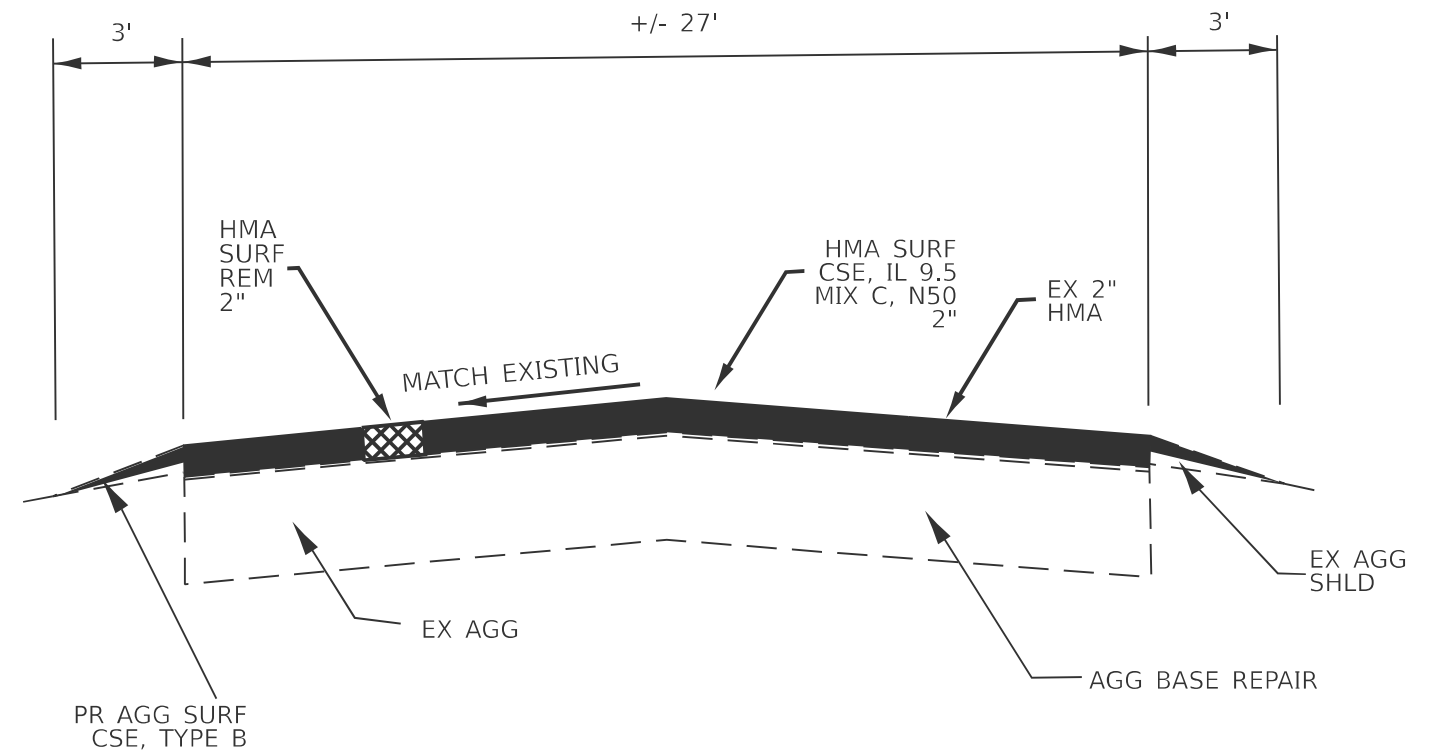
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		DRAWN -	REVISED -							
		CHECKED -	REVISED -							
	PLOT DATE = 2/3/2026	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
										ILLINOIS FED. AID PROJECT

CONTRACT NO. 66R50

REST AREA PLAN VIEW



REST AREA TYPICAL SECTION



LEGEND



AGGREGATE BASE REPAIR

NOTES

SPORADIC AGGREGATE BASE REPAIR

MILL AND RESURFACE ENTIRE REST AREA

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REST AREA

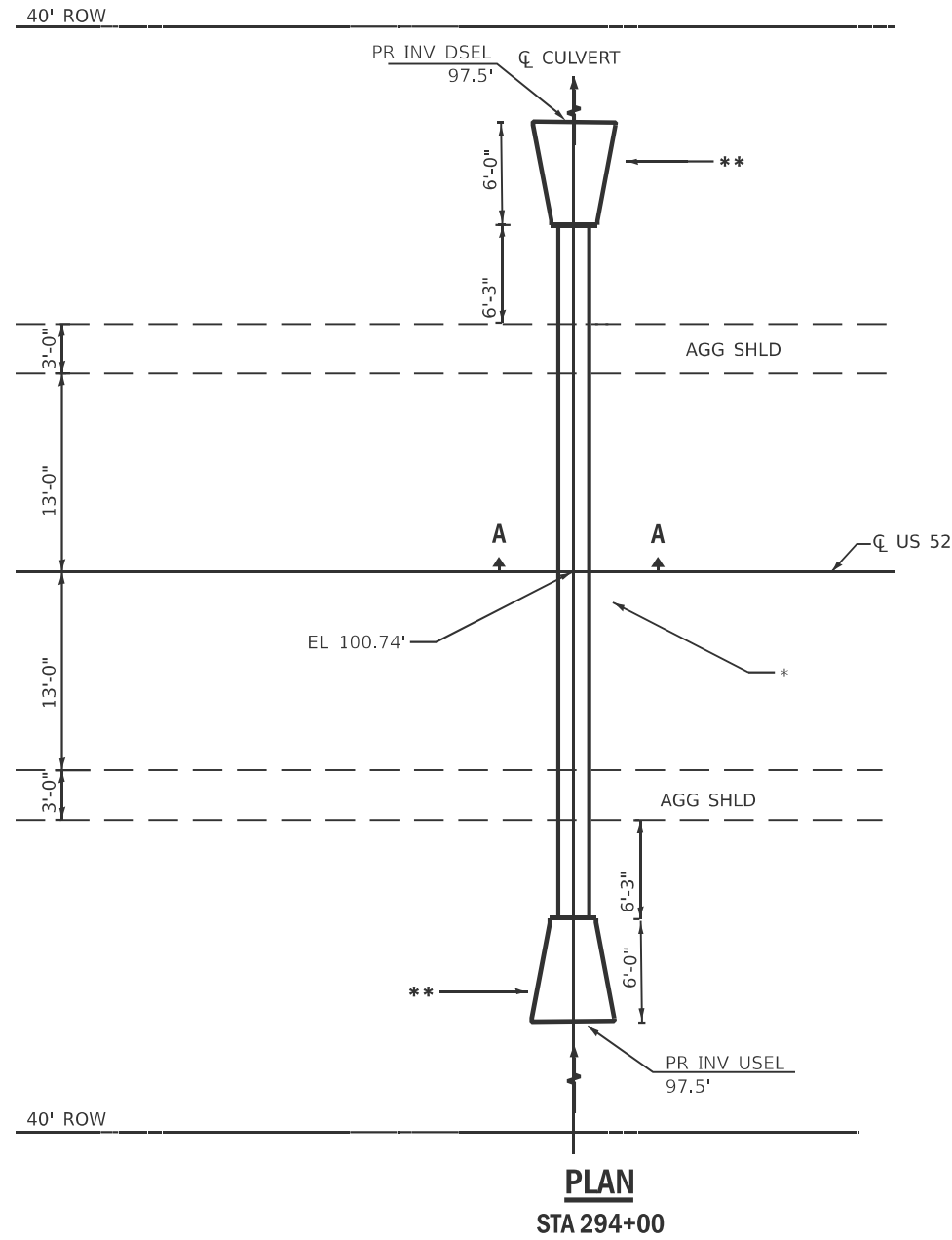
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 681	SECTION (118,119)RS-4	COUNTY IROQUOIS	TOTAL SHEETS 28	SHEET NO. 16
CONTRACT NO. 66R50				
ILLINOIS FED. AID PROJECT				

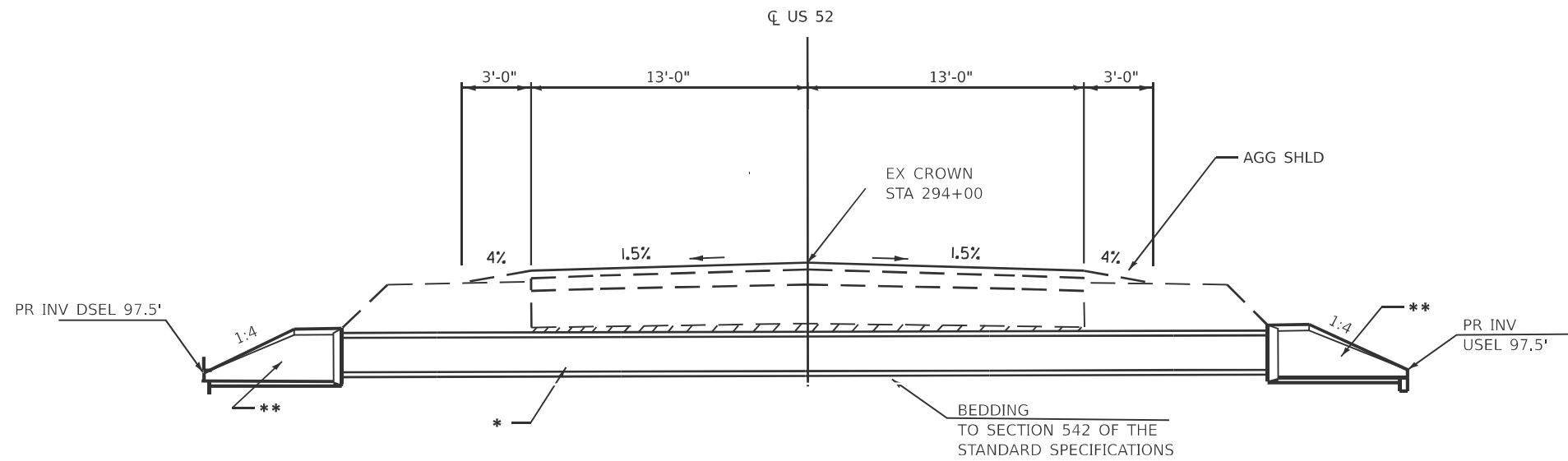


* - PROPOSED PIPE CULVERT CLASS A, TYP 1, EQUIVALENT RS 18"

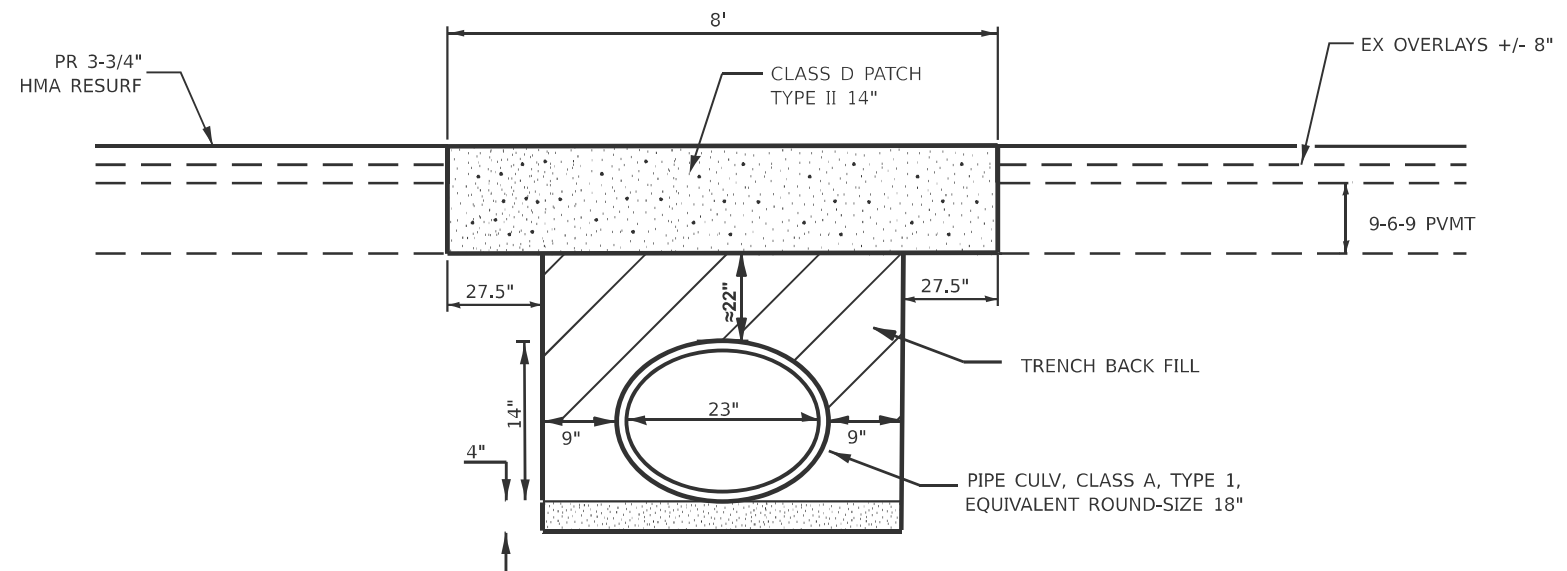
** - PROPOSED PRECAST REINFORCED CONC FLARED END SECTION ELLIPTICAL, EQUIVALENT RS 18"



PLAN
STA 294+00



CROSS SECTION
CULVERT # 923
STA 294+00



SECTION A-A

- NOTES:
1. REMOVE THE EXISTING 18" RCCP CULVERT.
 2. INSTALL 18" ELLIPTICAL CONC PIPE CULVERT WITH PRECAST FLARED END SECTION.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

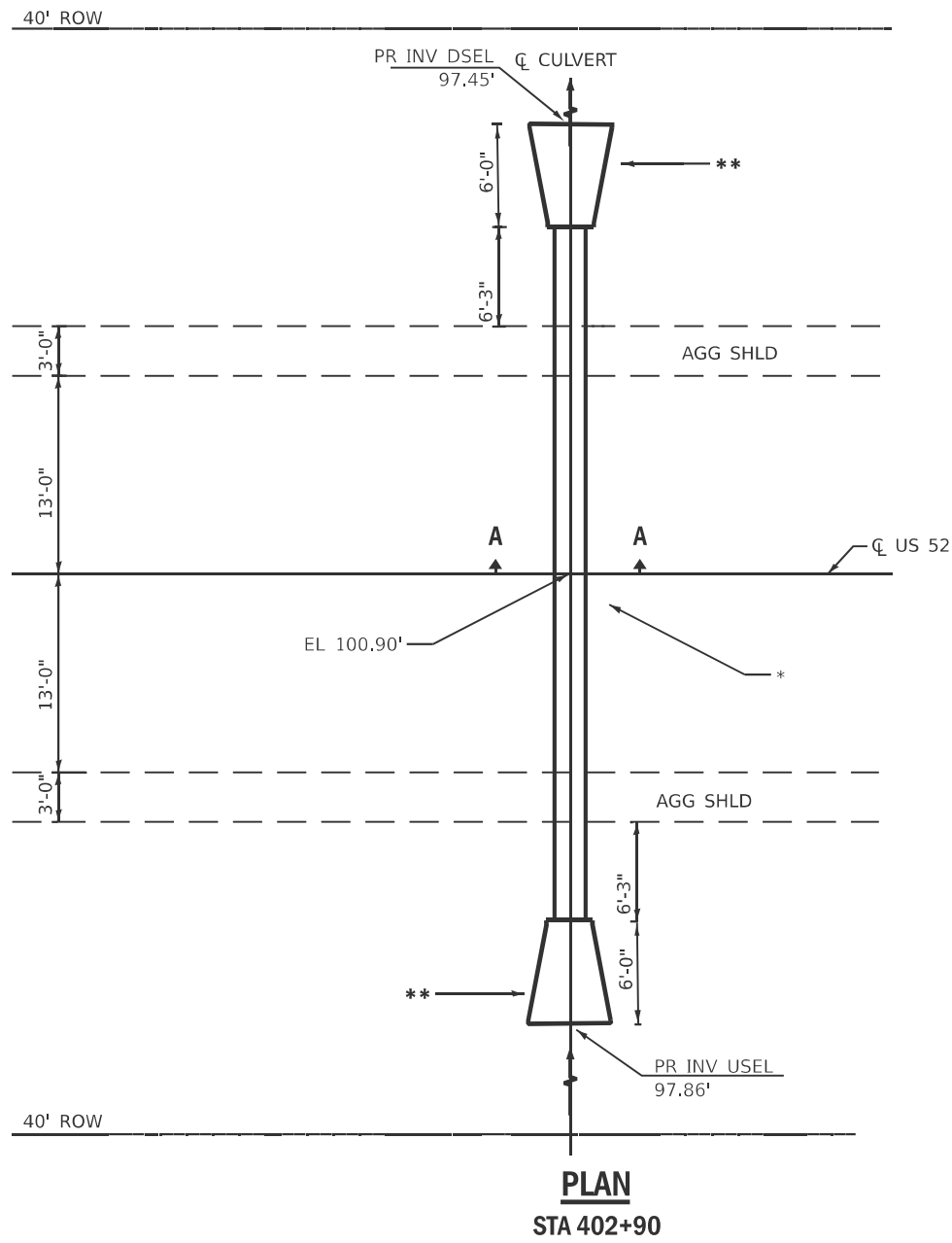
DRAINAGE DETAIL
CULVERT #923

SCALE: SHEET OF SHEETS STA. TO STA.

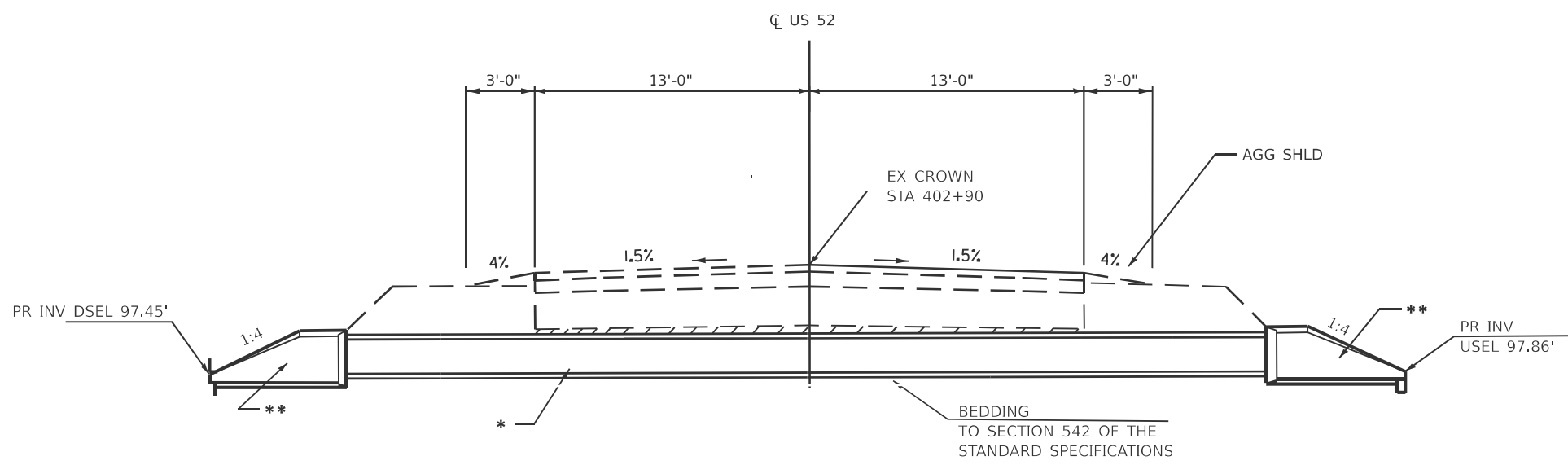
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(118,119)RS-4	IROQUOIS	28	18
CONTRACT NO. 66R50				
ILLINOIS FED. AID PROJECT				



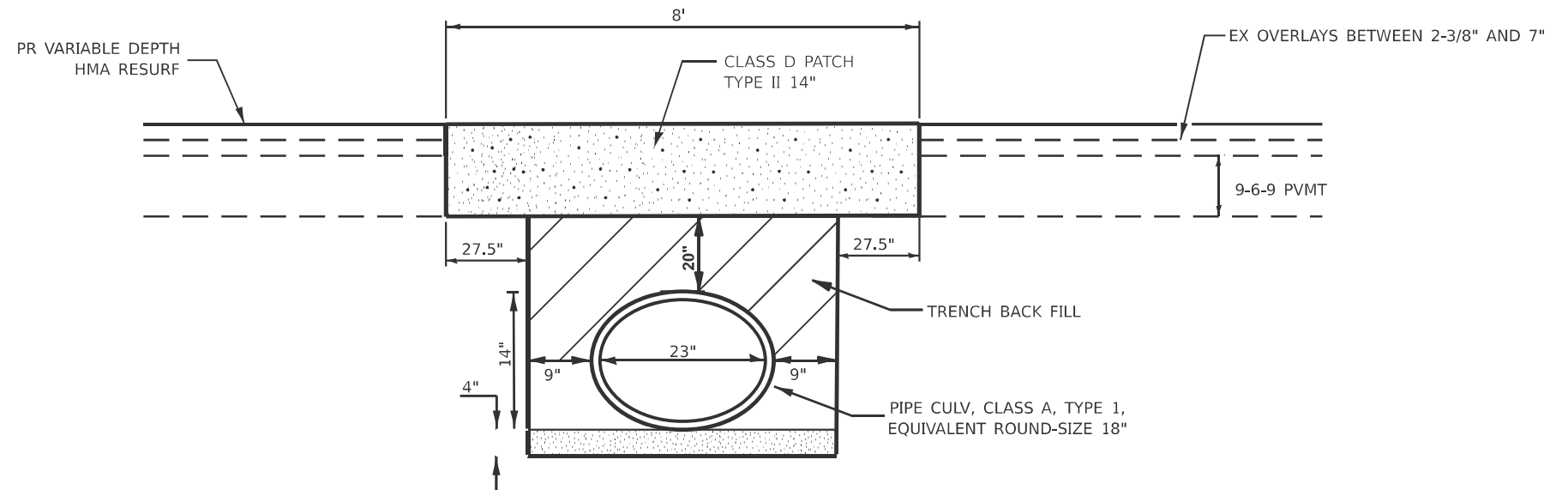
* - PROPOSED PIPE CULVERT CLASS A, TYP 1, EQUIVALENT RS 18"
 ** - PROPOSED PRECAST REINFORCED CONC FLARED END SECTION ELLIPTICAL, EQUIVALENT RS 18"



PLAN
STA 402+90



CROSS SECTION
CULVERT # 929
STA 402+90



SECTION A-A

- NOTES:
1. REMOVE THE EXISTING 24" RCCP CULVERT.
 2. INSTALL 18" ELLIPTICAL CONC PIPE CULVERT WITH PRECAST FLARED END SECTION.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

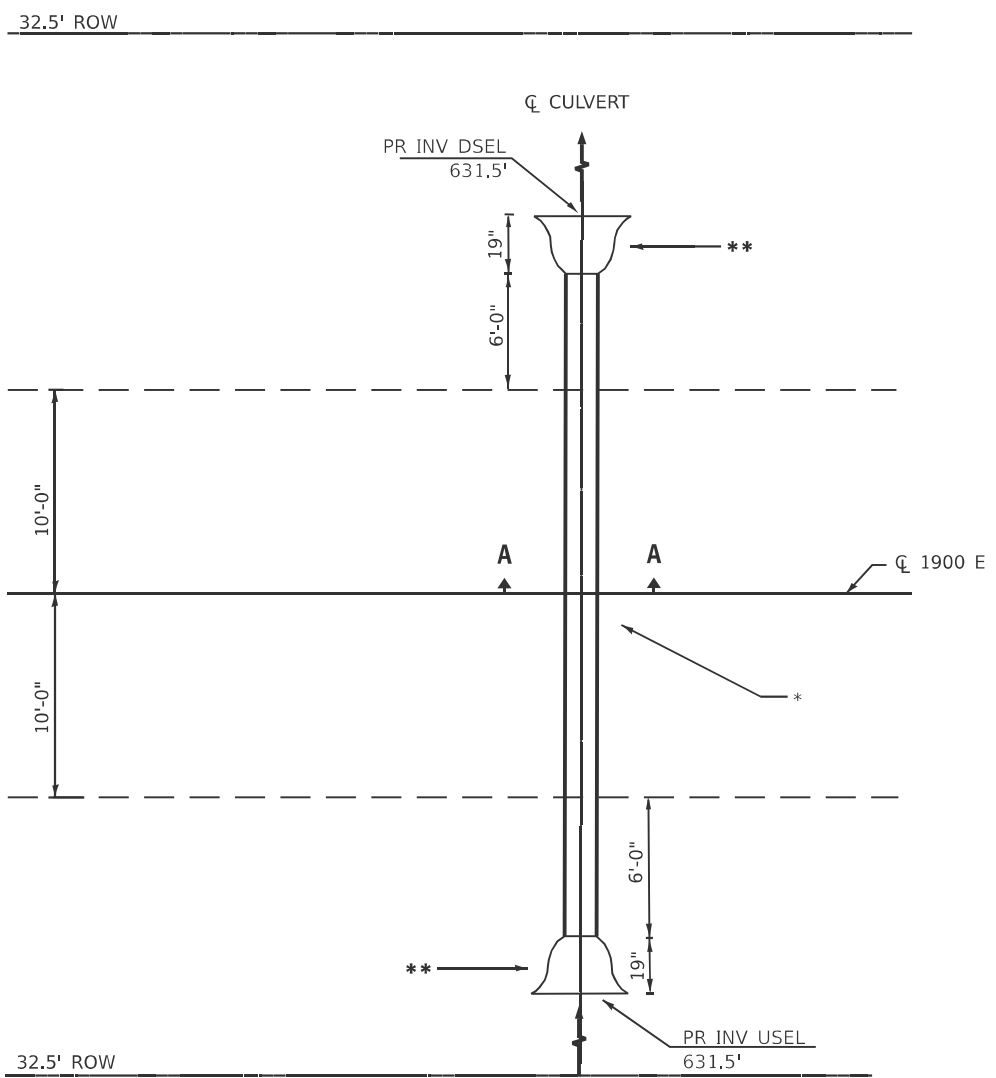
DRAINAGE DETAIL
CULVERT #929

SCALE: SHEET OF SHEETS STA. TO STA.

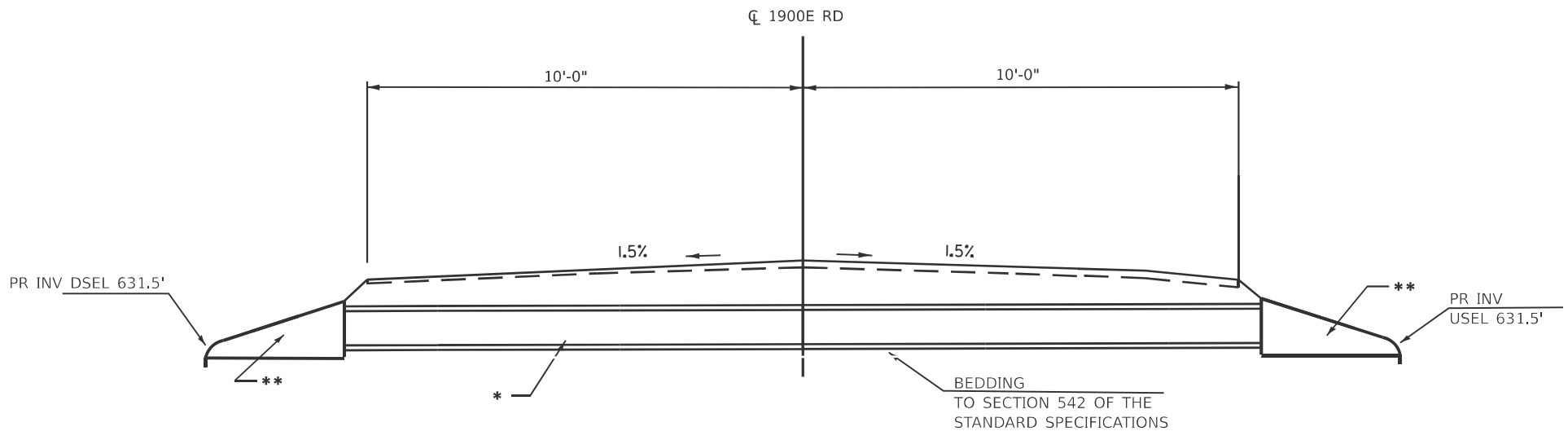
F.A.P. RTE. 681	SECTION (118,119)RS-4	COUNTY IROQUOIS	TOTAL SHEETS 28	SHEET NO. 20
				CONTRACT NO. 66R50
ILLINOIS FED. AID PROJECT				



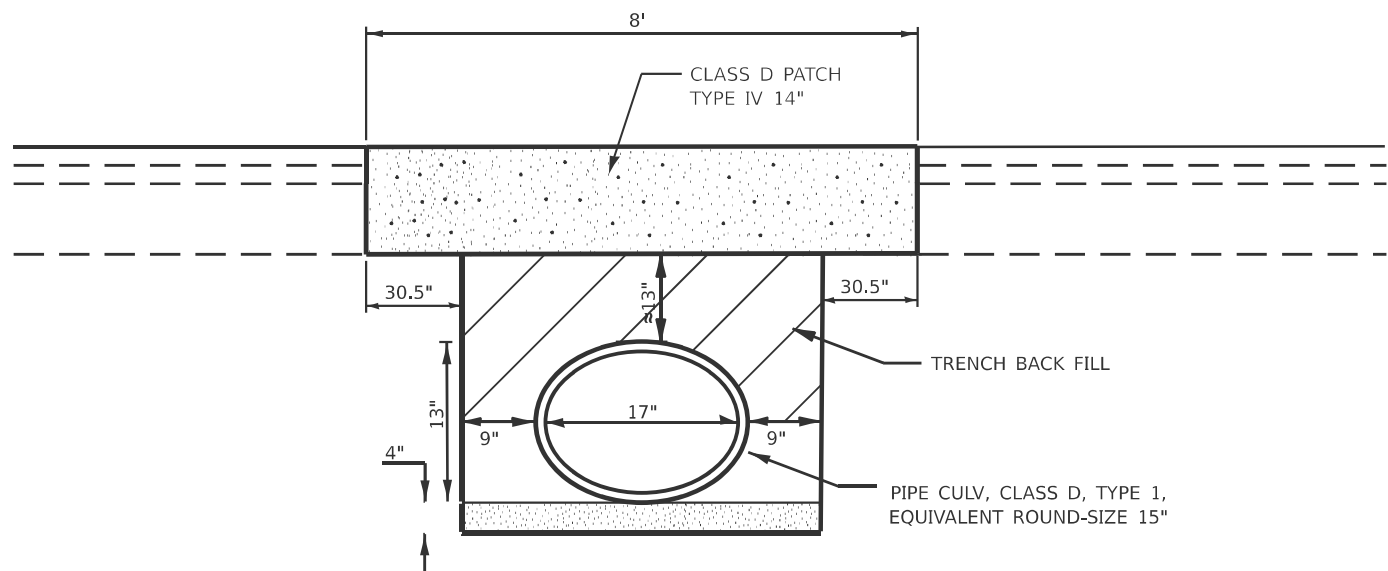
* - PROPOSED 15" ARCH CMP (17"X13" NOMINAL)
 ** - PROPOSED METAL FLARED END SECTION EQUIVALENT RS 15"



PLAN
 NEW CULVERT
 NORTH LEG OF 1900E RD
 68' N OF US 52 CL



CROSS SECTION
 NEW CULVERT
 NORTH LEG OF 1900E RD
 68' N OF US 52 CL



SECTION A-A

NOTES:

1. INSTALL 15" ARCH CMP (17"X13" NOMINAL) CULVERT WITH METAL FLARED END SECTIONS

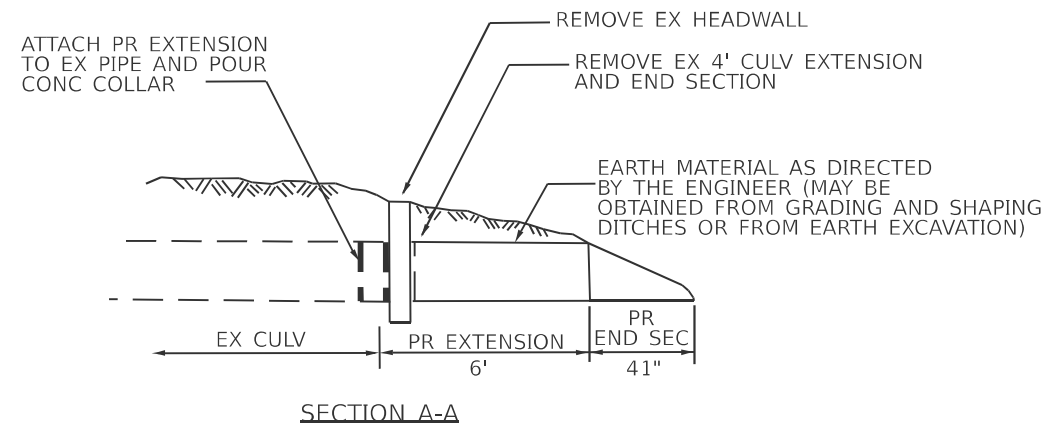
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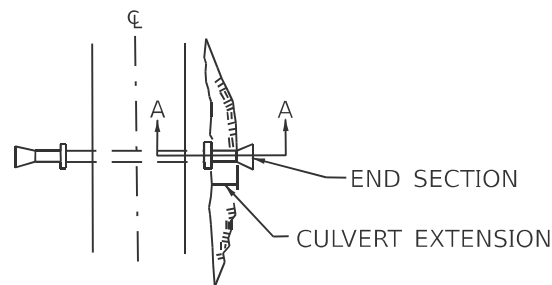
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE DETAIL			
NEW CULVERT UNDER 1900 E RD			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

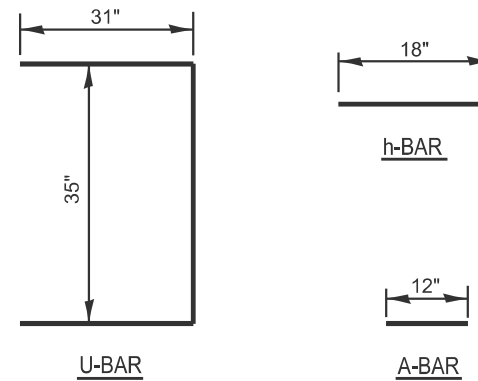
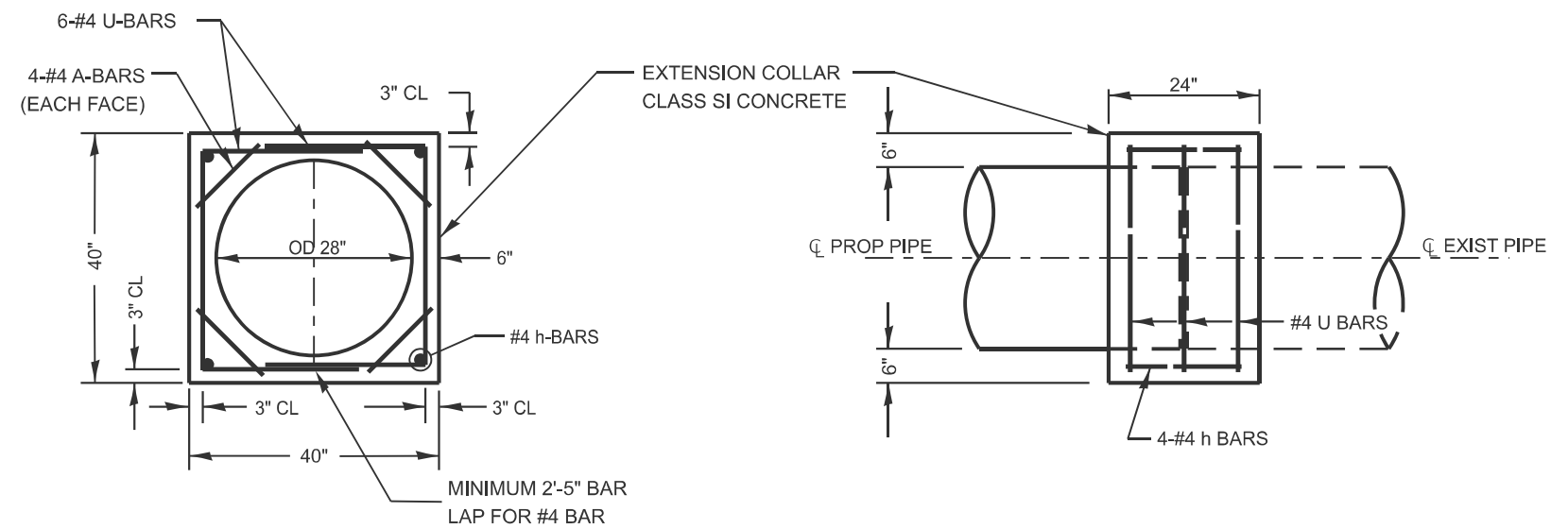
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CONTRACT NO. 66R50			ILLINOIS FED. AID PROJECT	



DETAILS AT PIPE CULVERT EXTENSION



PLAN AT CULVERT EXTENSION



COLLAR DETAIL (DIRECT PIPE CULVERT EXTENSION)

LOCATION	EXISTING CULVERT DIAMETER	EXTENSION COLLAR		A-BAR	U-BAR		h-BAR	CONC COLLAR	REINFORCEMENT BARS
		WIDTH	HEIGHT	12	31	35	18		
STA	IN	IN	IN	IN	IN	IN	IN.	CU YD	POUND
367+00	24	40	40	96	372	210	72	0.5	42

NOTES:

- #4 BAR = 0.668 LB/FT
- COST OF REBARS SHALL BE INCLUDED IN THE CONCRETE COLLAR PAY ITEM
- REINFORCEMENT BARS SHALL BE EPOXY COATED
- IF ENGINEER DETERMINES EX PIPE CULVERT IS NOT SUITABLE AFTER HEADWALL REMOVAL, THEN REMOVE 2' EXISTING PIPE.
- FOR CULVERT EXTENSION, USE CLASS D, TYPE 1 CULVERT (CORRUGATED POLYETHYLENE (PE) PIPE WITH A SMOOTH INTERIOR)

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PLOT DATE = 2/3/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE DETAIL
CULVERT #926 REPAIR

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 681	SECTION (118,119)RS-4	COUNTY IROQUOIS	TOTAL SHEETS 28	SHEET NO. 22
CONTRACT NO. 66R50				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

EXPANSION BOLTS SHALL CONSIST OF SELF-DRILLING EXPANSION SHIELDS AND 3/4" DIA HOOKED BOLTS. HOOKED BOLTS SHALL EXTEND A MINIMUM OF 9" INTO NEW CONCRETE. BOLTS SHALL BE DRILLED IN THE CENTER OF THE EXISTING BOX CULVERT BARREL WALLS.

EXISTING CULVERT SIZE	PIPE DIMENSION	PIPE AREA	EXTENSION COLLAR	BAR 'A'	BAR 'U'	CLASS 'X' CONC HDWL CUL. YD.	REINFORCEMENT BARS POUNDS	3/4" DIA EXPANSION BOLTS EACH
3'X2'	42" 29" 36"	6.4	57" 44"	24"	31" 41"	0.41	34	10
4'X3'	57" 36" 48"	11.4	72" 53"	30"	39" 50"	0.56	42	14

U-BAR
A-BAR

BOX CULVERT EXTENSION COLLAR

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
US 92	(118,119)RS	IROQUOIS	23	6

EXPANSION BOLTS SHALL CONSIST OF SELF-DRILLING EXPANSION SHIELDS AND 3/4" DIA HOOKED BOLTS. HOOKED BOLTS SHALL EXTEND A MINIMUM OF 9" INTO NEW CONCRETE. BOLTS SHALL BE DRILLED IN THE CENTER OF THE EXISTING BOX CULVERT BARREL WALLS.

EXISTING CULVERT SIZE	PIPE DIMENSION	PIPE AREA	EXTENSION COLLAR	BAR 'A'	BAR 'U'	CLASS 'X' CONC HDWL CUL. YD.	REINFORCEMENT BARS POUNDS	3/4" DIA EXPANSION BOLTS EACH
2'X2'	30" 24" 36"	4.9	42" 42"	12"	24" 36"	0.27	25	8

U-BAR
A-BAR

BOX CULVERT EXTENSION COLLAR

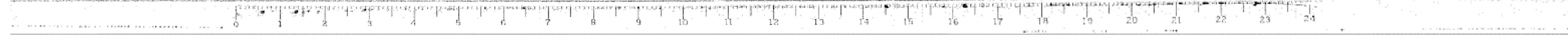
SECTION A-A

DETAILS AT PIPE CULVERT EXTENSIONS

PLAN AT CULVERT EXTENSIONS

EXCELSIOR BLANKET AT PROPOSED END SECTIONS

CULVERT EXTENSION DETAILS



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PLOT DATE = 2/3/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

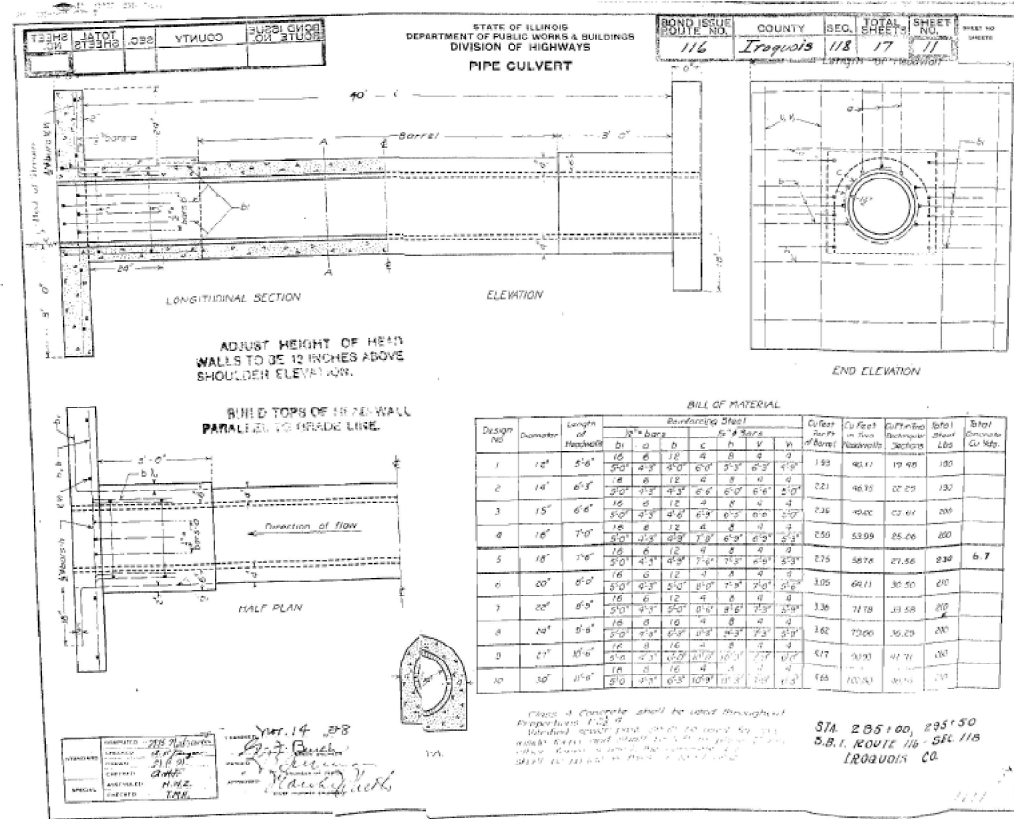
**EXISTING CULVERT PLANS
#922, 923, 928, 929**

SCALE: SHEET OF SHEETS STA. TO STA.

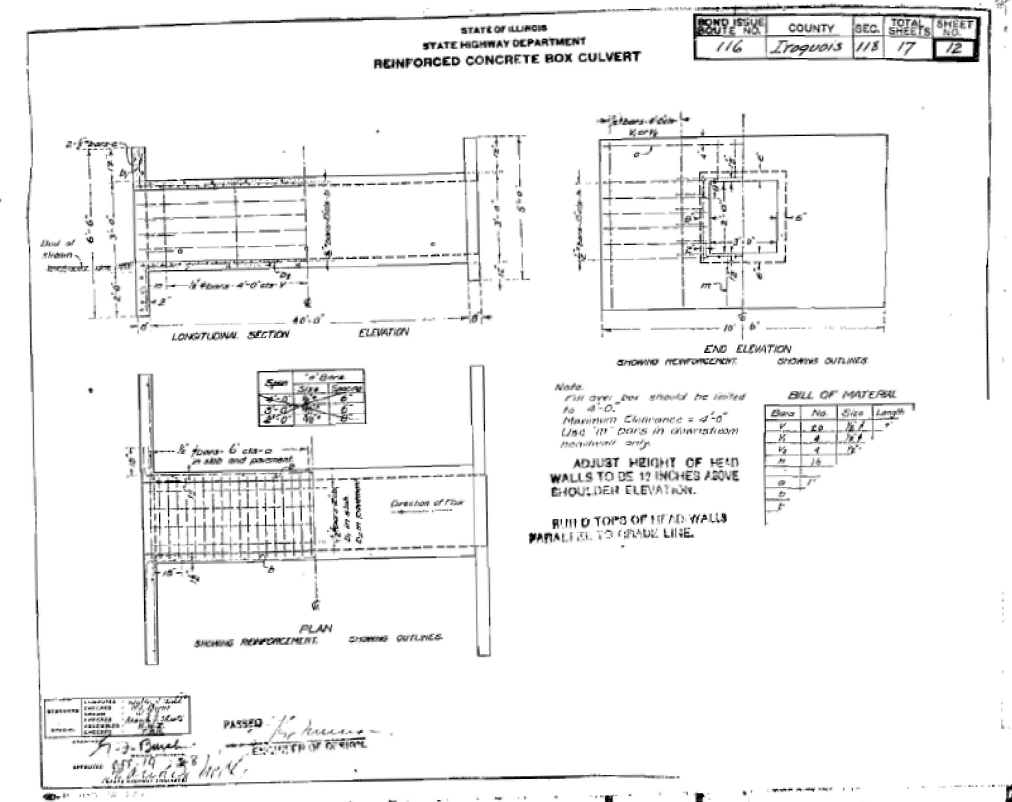
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681	(118,119)RS-4	IROQUOIS	28	23
CONTRACT NO. 66R50				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

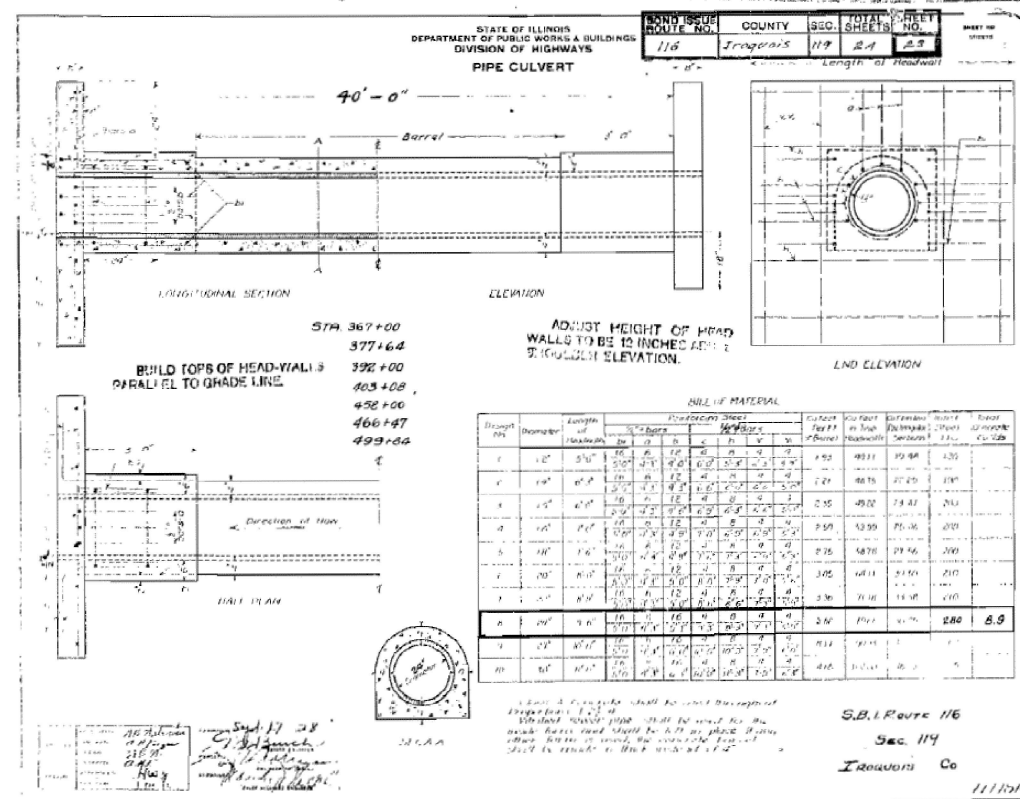
CULVERTS 922, 923



CULVERT 924



CULVERTS 926, 928, 929

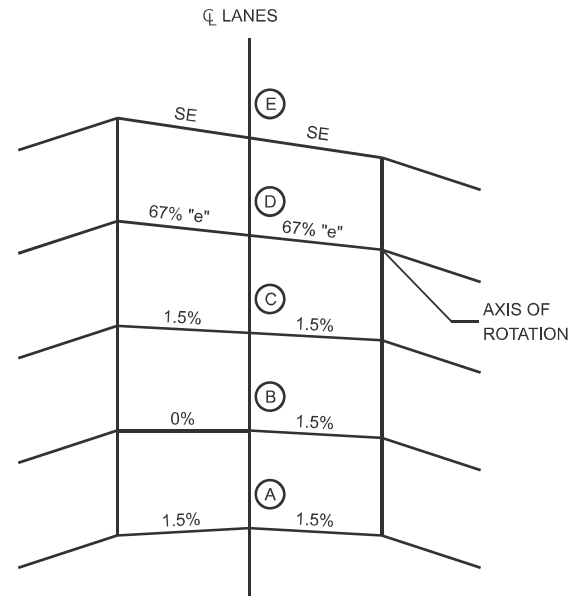


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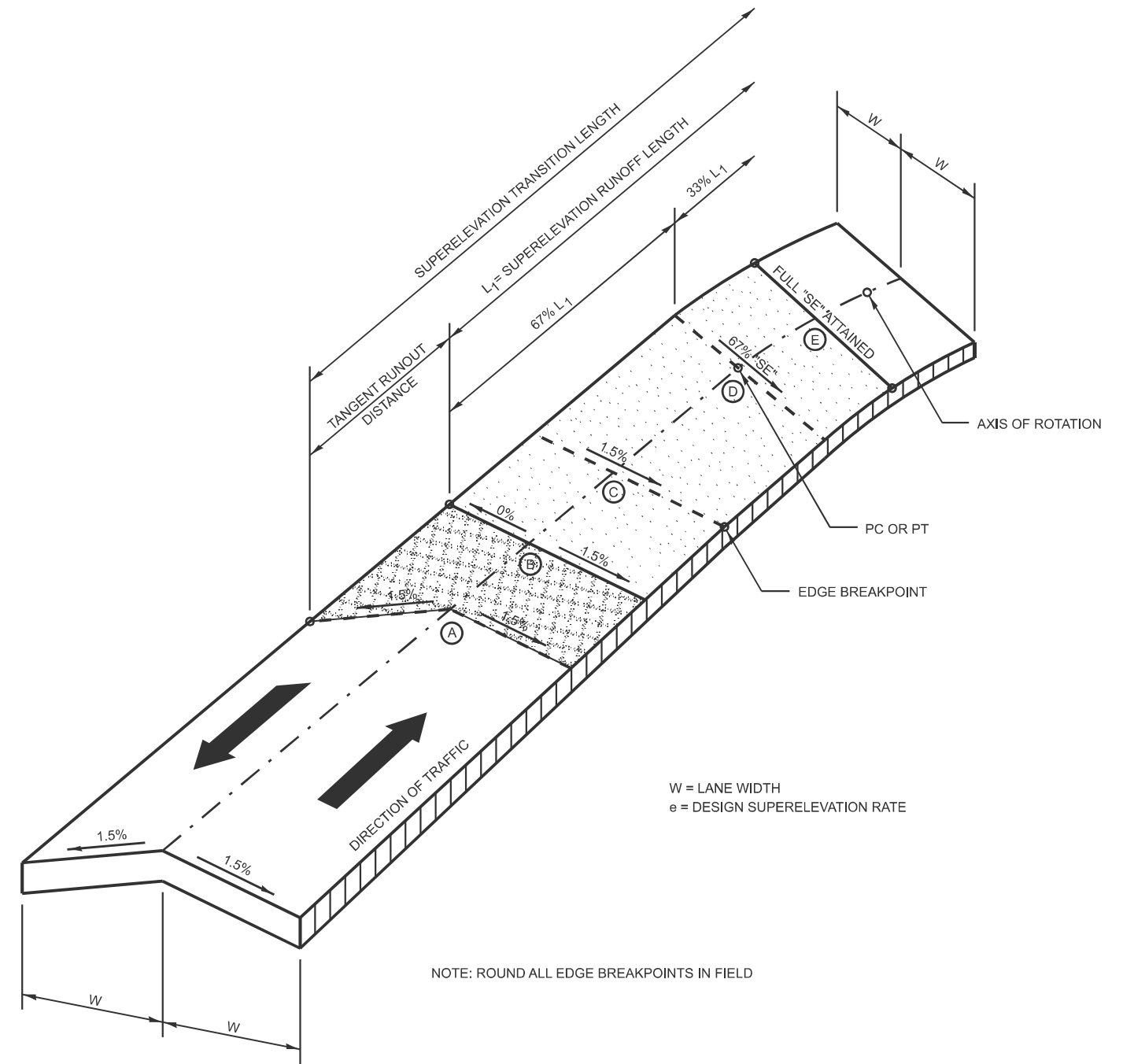
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	DRAWN -	REVISED -					681	(118,119)RS-4	IROQUOIS	28	24
	CHECKED -	REVISED -					CONTRACT NO. 66R50				
	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				
PLOT DATE = 2/3/2026			SCALE:	SHEET	OF	SHEETS	STA.	TO STA.			

EX CURVE
 PI STA = 496+84.34
 $\Delta = 07^\circ 15' 25''$ (LT)
 $D = 00^\circ 49' 07''$
 $R = 7,000.00'$
 $T = 443.89'$
 $L = 886.60'$
 $E = 14.06'$
 $e = \text{---}$
 PC STA = 492+40.44
 PT STA = 501+27.04

EX CURVE
 PI STA = 509+43.54
 $\Delta = 09^\circ 00' 57''$ (RT)
 $D = 00^\circ 58' 16''$
 $R = 5,900.00'$
 $T = 465.16'$
 $L = 928.40'$
 $E = 18.31'$
 $e = \text{---}$
 PC STA = 504+78.38
 PT STA = 514+15.56



**CROSS SECTIONS
 SUPERELEVATION DEVELOPMENT
 FOR CURVE AT STA**



W = LANE WIDTH
 e = DESIGN SUPERELEVATION RATE

NOTE: ROUND ALL EDGE BREAKPOINTS IN FIELD

DESIGNER NOTE:
 CURVE DATA TABLE PLACED ON ALIGNMENT SHEET IF THERE IS ONE.

TRANSITION CURVE TABLE

CURVE PI STA.	W	A	B	C	D	E	SUPERELEVATION "SE"	TANGENT RUNOUT DISTANCE (TR)	SUPERELEVATION TRANSITION LENGTH (L)	SUPERELEVATION RUNOFF LENGTH (L1)
496+84.34	13	491+61.80	492+03.34	492+44.88	492+40.44	492+58.72	2	41.54	96.92	55.38
		502+05.68	501+64.14	501+22.60	501+27.04	501+08.76				
509+43.54	13	503+99.74	504+41.28	504+82.82	504+78.38	504+96.66	2	41.54	96.92	55.38
		514+94.20	514+52.66	514+11.12	514+15.56	513+97.28				

SUPERELEVATION TRANSITION ON TWO-LANE HIGHWAY

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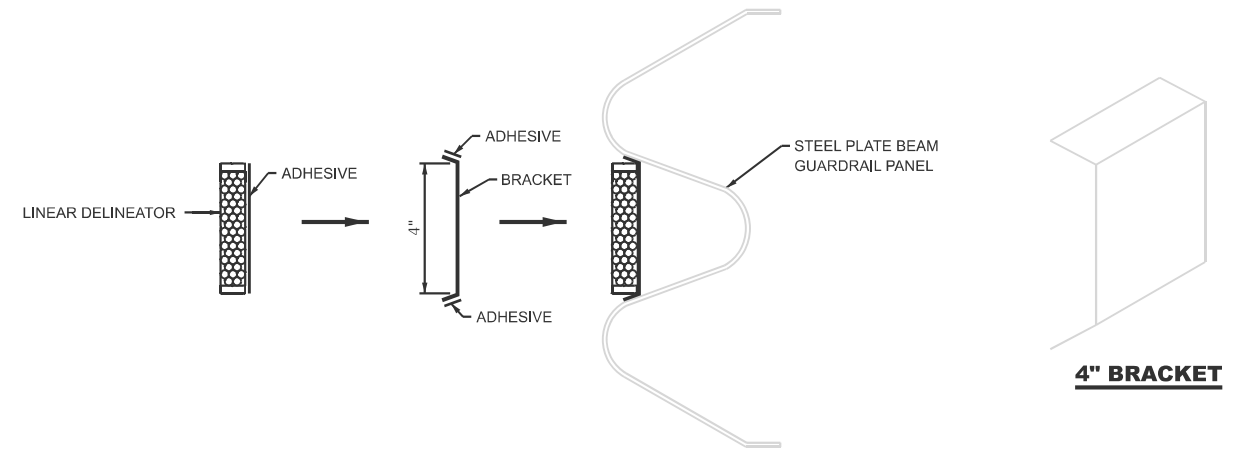
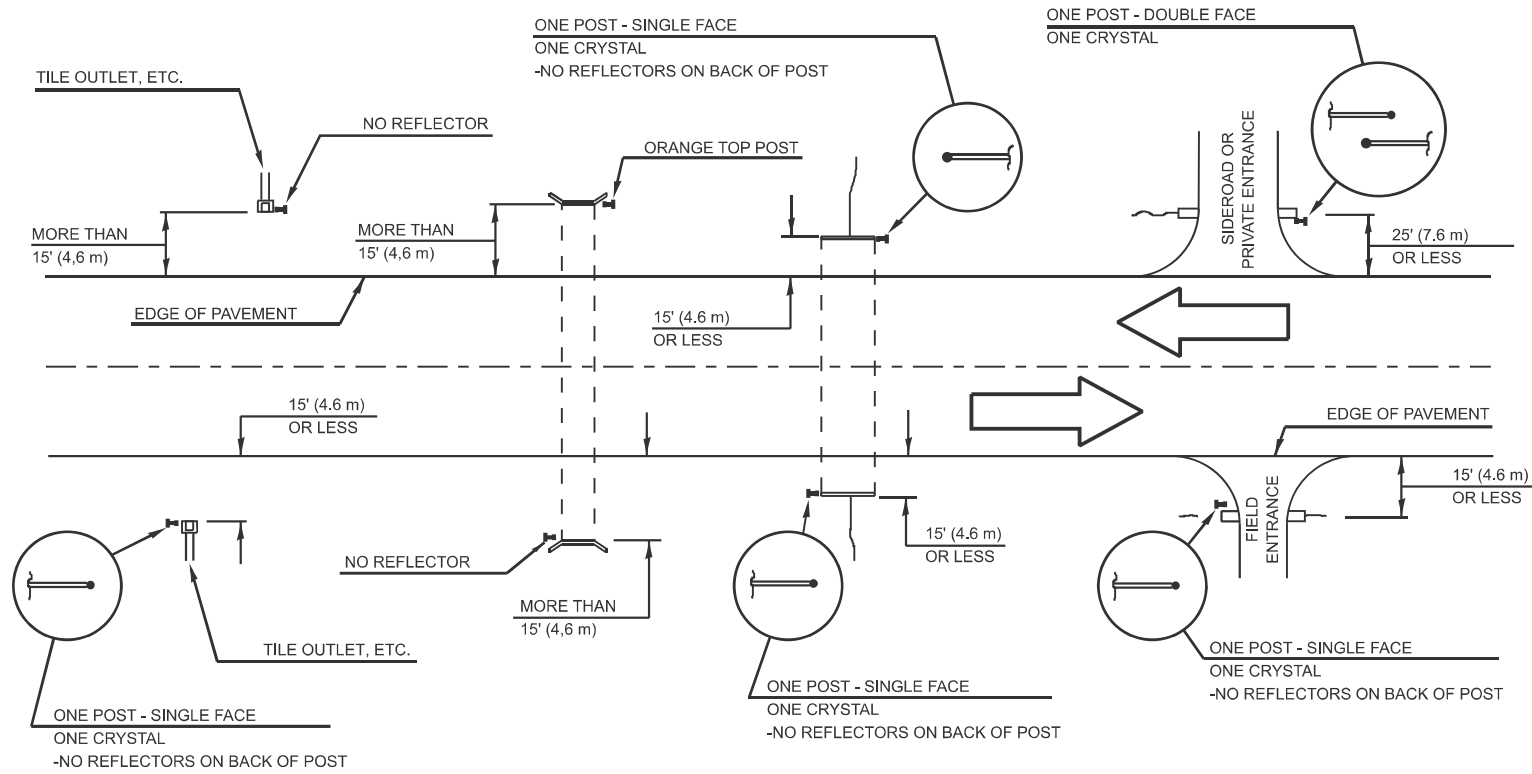
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUPERELEVATION DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(118,119)RS-4	IROQUOIS	28	25
CONTRACT NO. 66R50				
ILLINOIS FED. AID PROJECT				

IDENTIFICATION OF ROADSIDE HAZARDS FOR TWO-LANE ROADWAYS



LINEAR DELINEATOR APPLICATION TO STANDARD GALVANIZED GUARDRAIL

LINEATOR DELINEATOR SHALL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS

BILL OF MATERIALS

DELINEATOR TYPE	SINGLE FACE	DOUBLE FACE	NO REFLECTOR	TOTAL DELINEATORS
SINGLE CRYSTAL			N/A	30
NO REFLECTOR			TOTAL	30

NOTE:

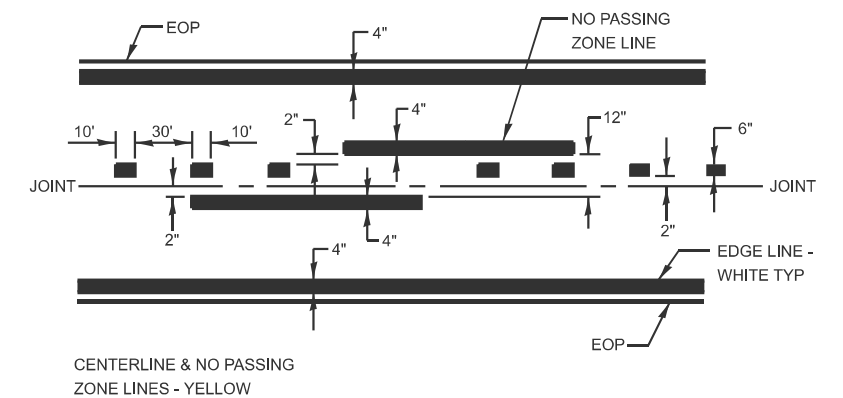
DELINEATORS FOR ROADSIDE HAZARDS SHALL ONLY BE PLACED AT LOCATIONS WHERE THERE IS NO GUARDRAIL, OR OTHER PERMANENT BARRIER, ON THE SAME SIDE OF THE ROAD AS THE HAZZARD.

DELINEATORS FOR ROADSIDE HAZARDS SHALL ONLY BE PLACED AT LOCATIONS WHERE DELINEATORS ARE NOT IN PLACE ALONG THE EDGE OF SHOULDER.

EACH POST SHALL BE CONSIDERED AS ONE DELINEATOR FOR PAYMENT, REGARDLESS OF THE NUMBER OF DELINEATORS ATTACHED TO IT.

FOR ONE-WAY AND INTERSTATE ROADWAYS THE APPLICATION SHALL BE SIMILAR WITH DELINEATORS PLACED ON THE TRAFFIC APPROACH SIDE OF HAZARDS AND OBJECTS, ONLY SINGLE FACE DELINEATORS WILL BE REQUIRED ON ONE-WAY ROADWAYS, CRYSTAL ON THE RIGHT SIDE AND AMBER ON THE LEFT SIDE.

FOR OTHER DELINEATOR APPLICATIONS, REFER TO HIGHWAY STANDARD 635001.



PAVEMENT MARKING

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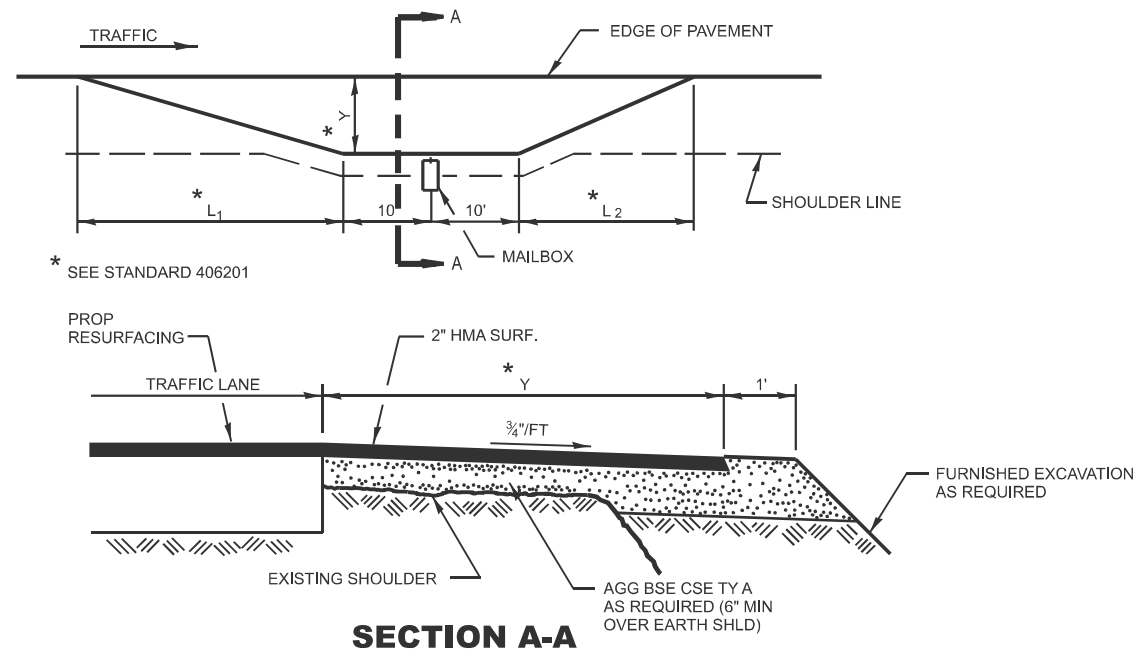
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PLOT DATE = 1/28/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

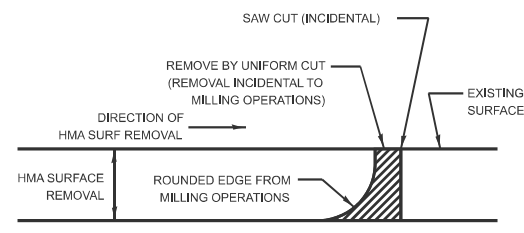
DELINEATOR DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 681	SECTION (118,119)RS-4	COUNTY IROQUOIS	TOTAL SHEETS 28	SHEET NO. 26
CONTRACT NO. 66R50				
ILLINOIS FED. AID PROJECT				

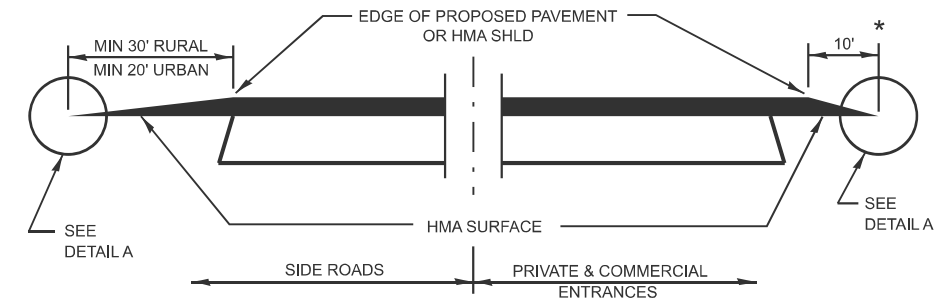


RURAL MAILBOX TURNOUT DETAILS

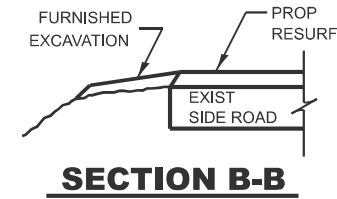


NOTE:
WHEN MILLING OPERATIONS PRODUCE A ROUNDED EDGE, THEN A SAW CUT SHALL BE USED TO MANUFACTURE A PERPENDICULAR EDGE AS SHOWN IN THE DETAIL. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE USE OF THIS DETAIL.

HMA BUTT JOINT SAW CUTS

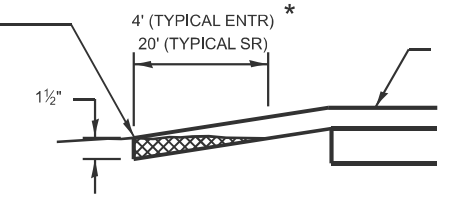


**SECTION A-A
DETAILS AT ENTRANCES & SIDE ROADS**

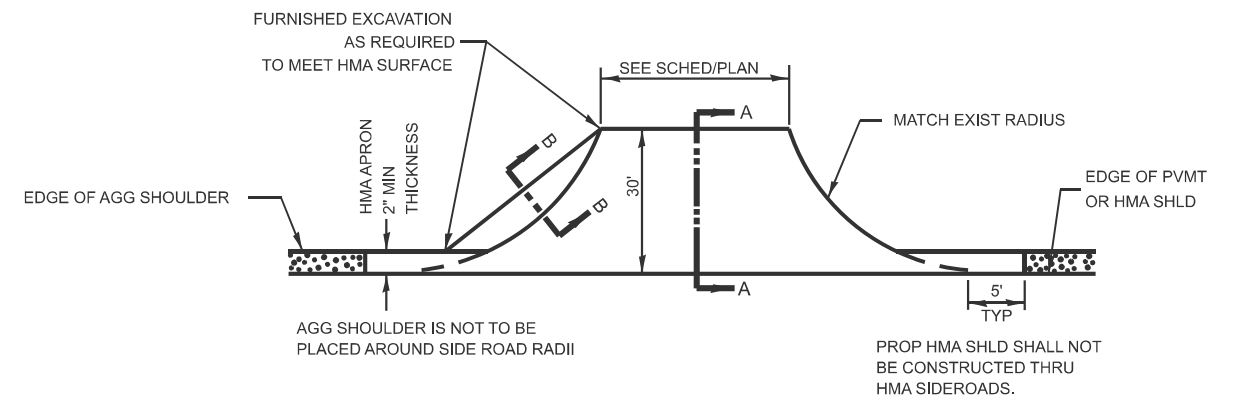


SECTION B-B

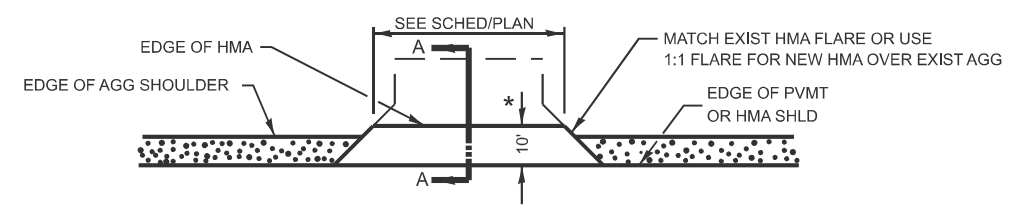
THE COST OF REMOVAL AT EXISTING HMA OR PCC LOCATIONS SHALL BE PAID FOR PER SQ YD BY THE APPROPRIATE PAY ITEM. REMOVAL AT THE EXISTING AGG LOCATIONS SHALL BE INCIDENTAL TO THE HMA. A-3 LOCATIONS SHALL BE FEATHER TAPERED.



DETAIL A



PLAN AT SIDE ROADS



PLAN AT PRIVATE & COMMERCIAL ENTRANCES

(DO NOT RESURFACE FIELD ENTRANCES)

* PROPOSED HMA RESURFACING AT PUBLIC EDUCATIONAL FACILITY ENTRANCES SHALL BE EXTENDED TO THE RIGHT-OF-WAY LIMITS.

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	DRAWN -	REVISED -
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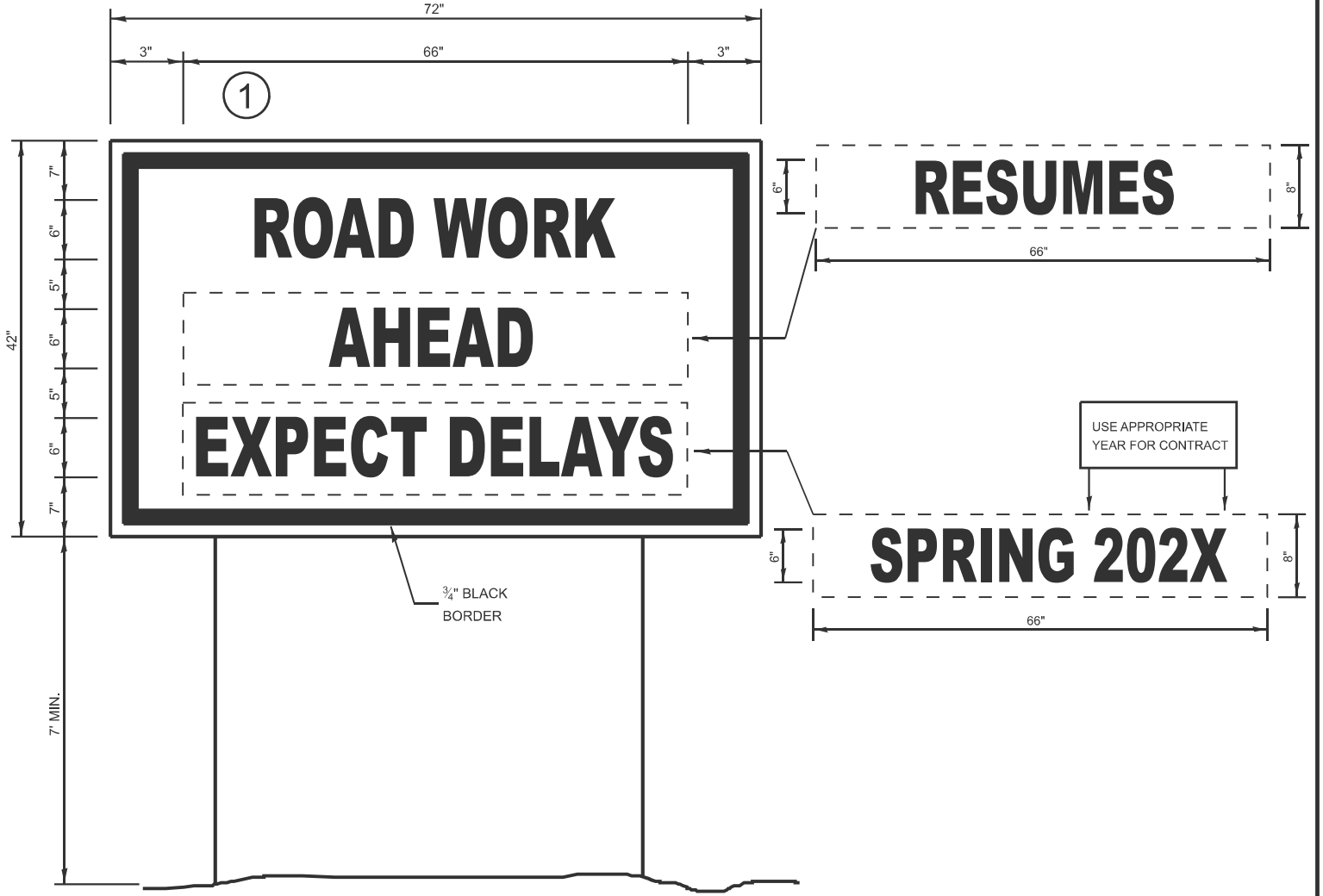
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAILS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE. 681	SECTION (118,119)RS-4	COUNTY IROQUOIS	TOTAL SHEETS 28	SHEET NO. 27
CONTRACT NO. 66R50				
ILLINOIS FED. AID PROJECT				



TEMPORARY INFORMATION SIGNING



WINTER SHUT DOWN SIGNING

NOTES:

1. USE 6" D BLACK LETTERING ON FLOURESENT ORANGE BACKGROUND.
2. ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN 1 WITH INSTALLED PANEL 2 A MINIMUM OF ONE WEEK PRIOR TO THE START OF THE LANE CLOSURE.
4. REMOVE PANEL 2 ON THAT DATE.
5. SEE SPECIAL PROVISION "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. WILL BE PAID FOR PER SQ FT AS "TEMPORARY INFORMATION SIGNING". EACH SIGN = 21 SQ FT

MODEL: Default
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USER NAME = beth.findleysmith	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/28/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TEMP INFORMATION SIGNING

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(118,119)RS-4	IROQUOIS	28	28
CONTRACT NO. 66R50				
ILLINOIS FED. AID PROJECT				