

026

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	(136,137)RS-2	IROQUOIS	12	1
		ILLINOIS	CONTRACT NO. 66A84	

INDEX OF SHEETS

- 1 COVER SHEET
- 2 GENERAL NOTES AND COMMITMENTS
- 3-5 SUMMARY OF QUANTITIES
- 6 TYPICAL SECTIONS
- 7-8 SCHEDULES
- 9-12 DETAILS

LIST OF ILLINOIS DOT HIGHWAY STANDARDS

- 000001-07 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 406201-01 MAILBOX TURNOUT
- 667101-02 PERMANENT SURVEY MARKERS
- 701001-02 OFF-ROAD OPERATIONS 2L, 2W, MORE THAN 15' (4.5 m) AWAY
- 701006-05 OFF-ROAD OPERATIONS 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701306-04 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701901-08 TRAFFIC CONTROL DEVICES
- 780001-05 TYPICAL PAVEMENT MARKINGS
- 781001-04 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

PROPOSED
HIGHWAY PLANS

FAP ROUTE 840 (IL 49)
SECTION (136,137)RS-2
PROJECT STP-25Z6(587)
3P MILLING AND RESURFACING
IROQUOIS COUNTY

C-93-041-11



LOCATION OF SECTION INDICATED THUS: - [shaded box] -

MINOR ARTERIAL RURAL

2017 ADT = 2550

PV = 81.96% SU = 4.31% MU = 13.73%

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

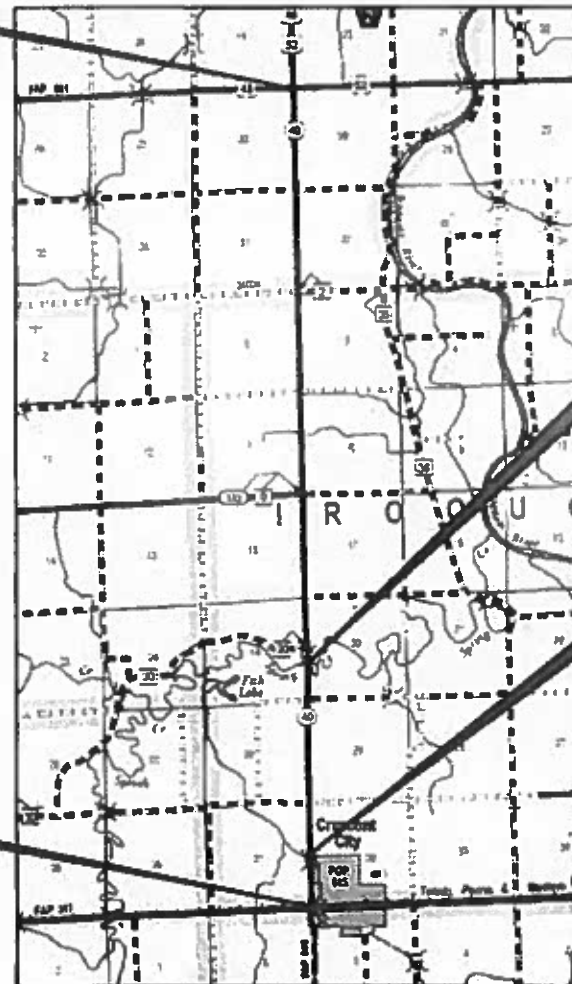
SUBMITTED May 23rd 2019
[Signature]
REGIONAL ENGINEER

June 14th 2019
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

June 14th 2019
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

END PROJECT
STA. 820+47

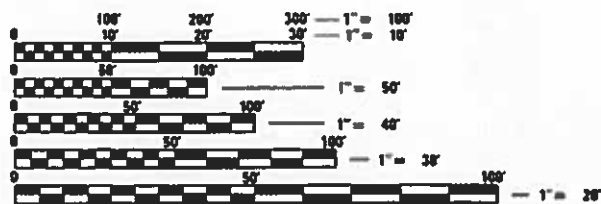


BEGIN PROJECT
STA. 1248+26

BRIDGE OMISSION
S.N. 038-0118
1119+27 TO
1122+71

BRIDGE OMISSION
S.N. 038-2026
STA. 1222+00 TO
1226+00

GROSS LENGTH = 42779 FT. = 8.10 MILE
NET LENGTH = 42013 FT. = 7.96 MILE



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 EXCAVATORS
1-800-692-0123
OR 811

PROJECT ENGINEER: BRAD DUNCAN, P.E.
UNIT CHIEF: ALEX NUGENT

CONTRACT NO. 66A84

GENERAL NOTES

THE THICKNESS OF HMA SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA IS PLACED.

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 ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.

SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER.

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.

ALL EXCAVATED MATERIAL, WHICH INCLUDES DIGGING OR GRADING OF ANY SOIL OR FILL MATERIAL, WITH THE EXCEPTION OF AGGREGATE FILLS, MUST BE INCORPORATED WITHIN THE RIGHT OF WAY DUE TO ENVIRONMENTAL DOCUMENTATION REQUIREMENTS.

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.

ALL ELEVATIONS REFERRING TO U.S.G.S. MEAN SEA LEVEL DATUM.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.

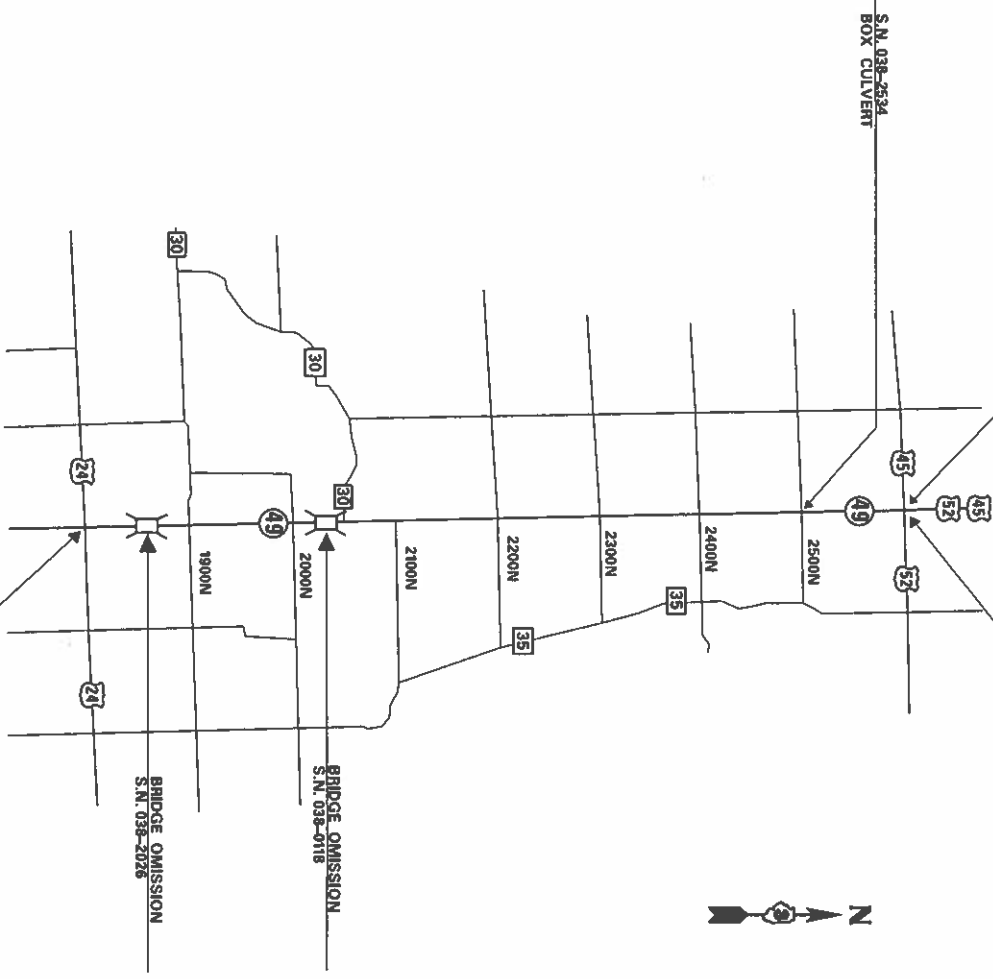
THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

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 & FLGWS	0.0003	TONS / SQ YD
LEVEL BINDER (HAND METHOD)	0.0005	TONS / SQ YD

THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.

PROJECT ENDS
NORTH OF US 4592
STA. 820+47

S.N. 038-2533
BOX CULVERT



LOCATION MAP

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE
AS BUILT INFORMATION

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE

SUPERVISING CONSTRUCTION FIELD ENGINEER
RESIDENT ENGINEER / TECHNICIAN

PREPARED BY: *[Signature]*
DISTRICT STUDIES & PLANS ENGINEER
DATE: **May 23, 2019**
EXAMINED BY: *[Signature]*
DISTRICT CONSTRUCTION ENGINEER
DISTRICT MATERIALS ENGINEER
DISTRICT OPERATIONS ENGINEER

INSPECTORS:

START & END DATES
OF CONSTRUCTION:

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.

DESIGNED	REVISION
DRAWN	REVISION
CHECKED	REVISION
DATE	REVISION

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				80% FEDERAL 20% STATE	
				ROADWAY	
				0005	RURAL
20400800	FURNISHED EXCAVATION	CU YD	30	30	
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	57	57	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	92942	92942	
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS	TON	37	37	
40600525	LEVELING BINDER (HAND METHOD), N50	TON	63	63	
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	14031	14031	
40600990	TEMPORARY RAMP	SQ YD	1409	1409	
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	13968	13968	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	412	412	
44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SQ YD	19751	19751	
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SQ YD	125294	125294	
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	2824	2824	
48203100	HOT-MIX ASPHALT SHOULDERS	TON	646	646	
* 66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	11	11	

*= SPECIALTY ITEM

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USER NAME = nugentaj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -					840	(136,137)RS-2	IROQUOIS	12	3
PLOT DATE = 5/23/2019	CHECKED -	REVISED -		SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.			CONTRACT NO. 66A84				
	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				80% FEDERAL
				20% STATE
				ROADWAY
				0005
				RURAL
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	2	2
67100100	MOBILIZATION	L SUM	1	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	13074	13074
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1453	1453
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	177526	177526
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	21120	21120
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	530	530
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	1732	1732
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	388	388
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	62	62
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	194	194
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	177526	177526
* 78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	21120	21120

*= SPECIALTY ITEM

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	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/23/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	(136,137)RS-2	IROQUOIS	12	4
			CONTRACT NO. 66A84	
		ILLINOIS	FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				80% FEDERAL 20% STATE ROADWAY	0005 RURAL
* 78001140	PAINT PAVEMENT MARKING - LINE 8"	FOOT	530	530	
* 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	1732	1732	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	557	557	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	557	557	
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	36004	36004	
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	2799	2799	
Z0021700	EXPANSION JOINT REHABILITATION	FOOT	104	104	
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	126	126	
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	42669	42669	
Z0034105	MATERIAL TRANSFER DEVICE	TON	27999	27999	
∅ Z0076600	TRAINEES	HOUR	2000	2000	
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1	
∅ Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	2000	2000	
Z0055300	RUMBLE STRIP	EACH	3	3	

*= SPECIALTY ITEM

∅ 0042

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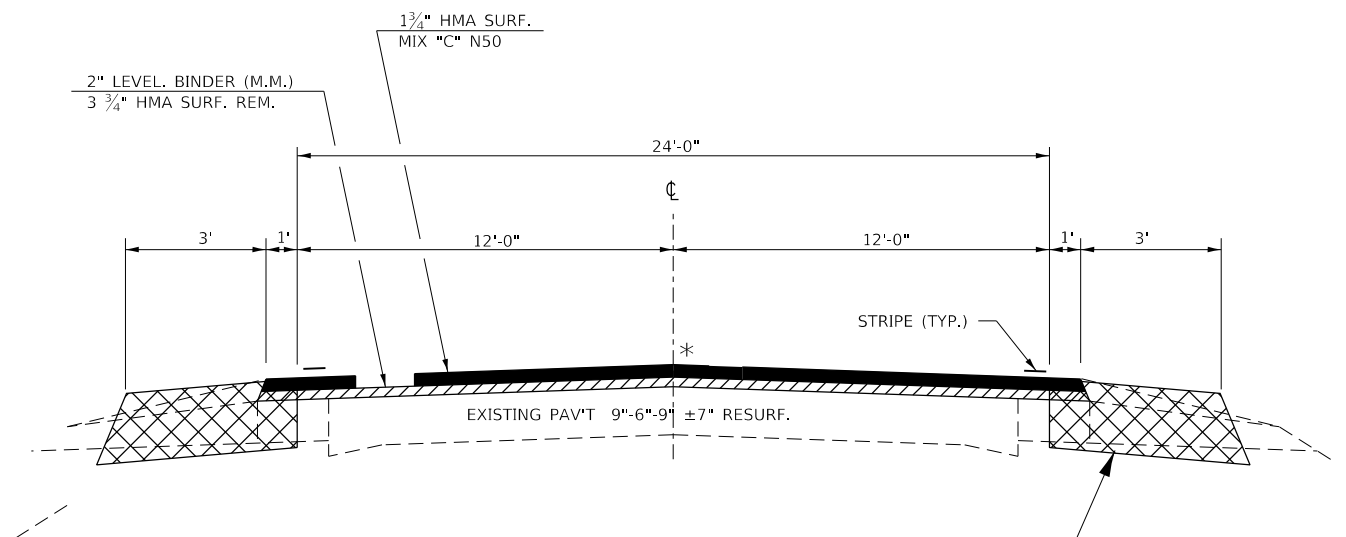
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	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/23/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

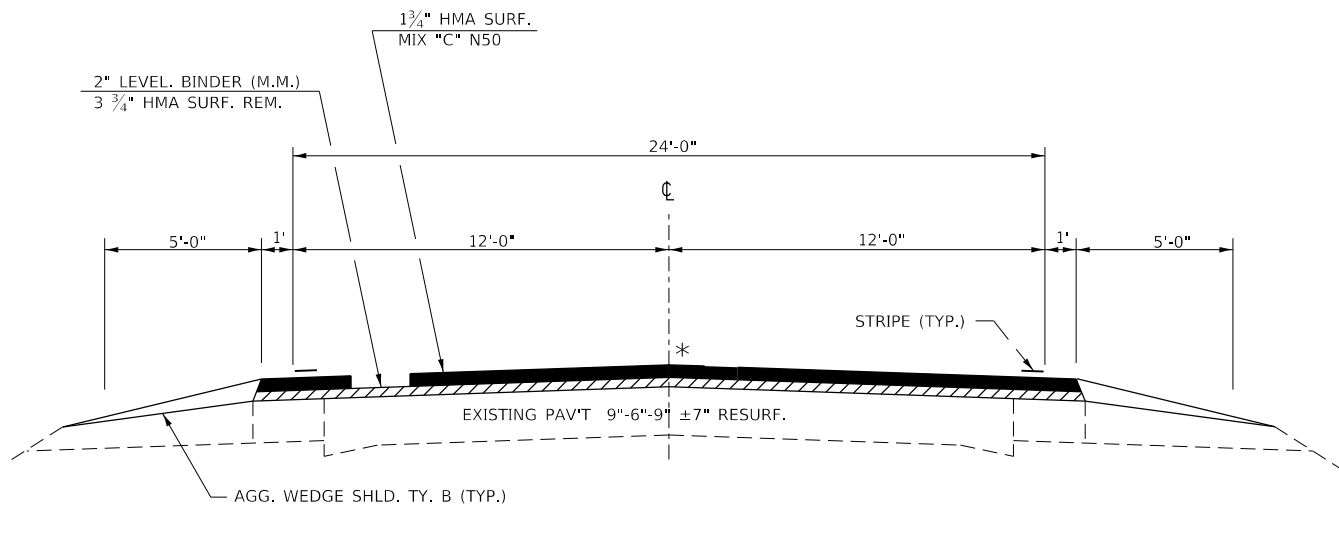
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	(136,137)RS-2	IROQUOIS	12	5
			CONTRACT NO. 66A84	
ILLINOIS FED. AID PROJECT				



PROPOSED TYPICAL SECTION 1

STA. 824+47 TO STA. 1034+15

PROP. 8" HMA SHOULDER (TYP.) TO BE CONSTRUCTED UNDER CONTRACT 66J10

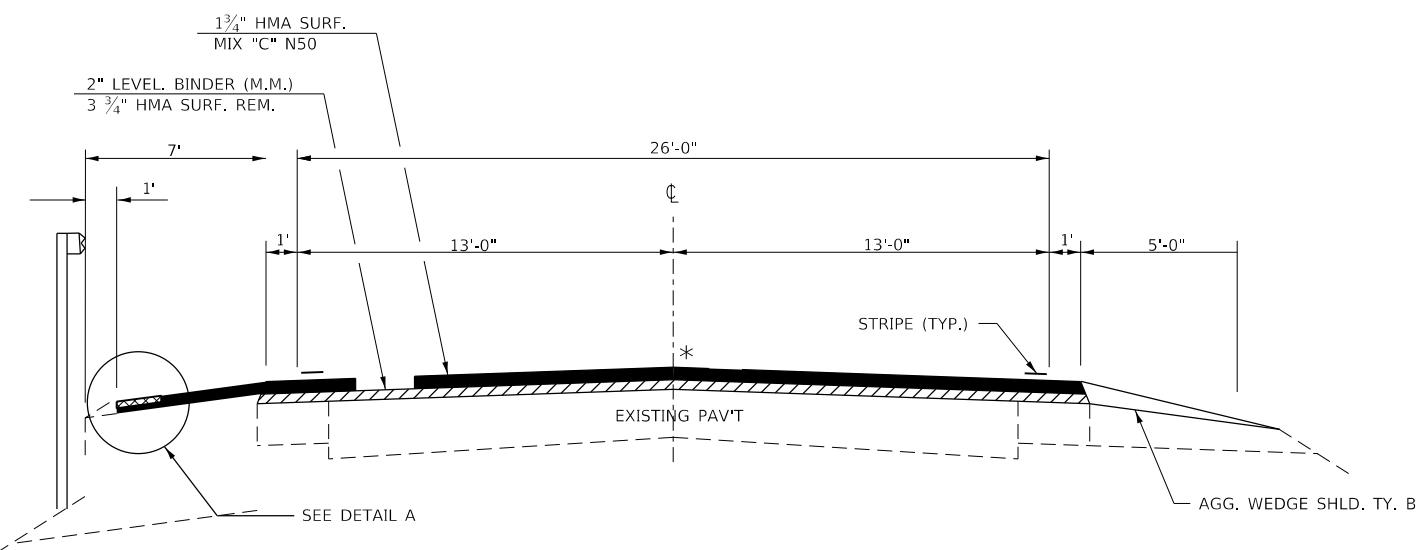


PROPOSED TYPICAL SECTION 2

STA. 1034+15 TO STA. 1113+59

STA. 1136+22 TO STA. 1222+00

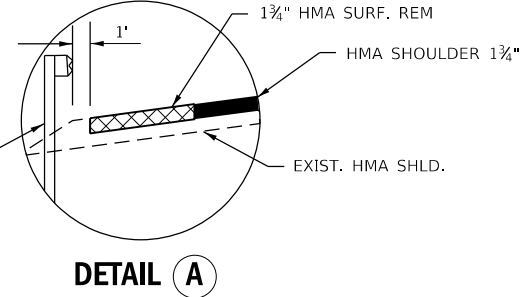
STA. 1226+00 TO STA. 1248+26



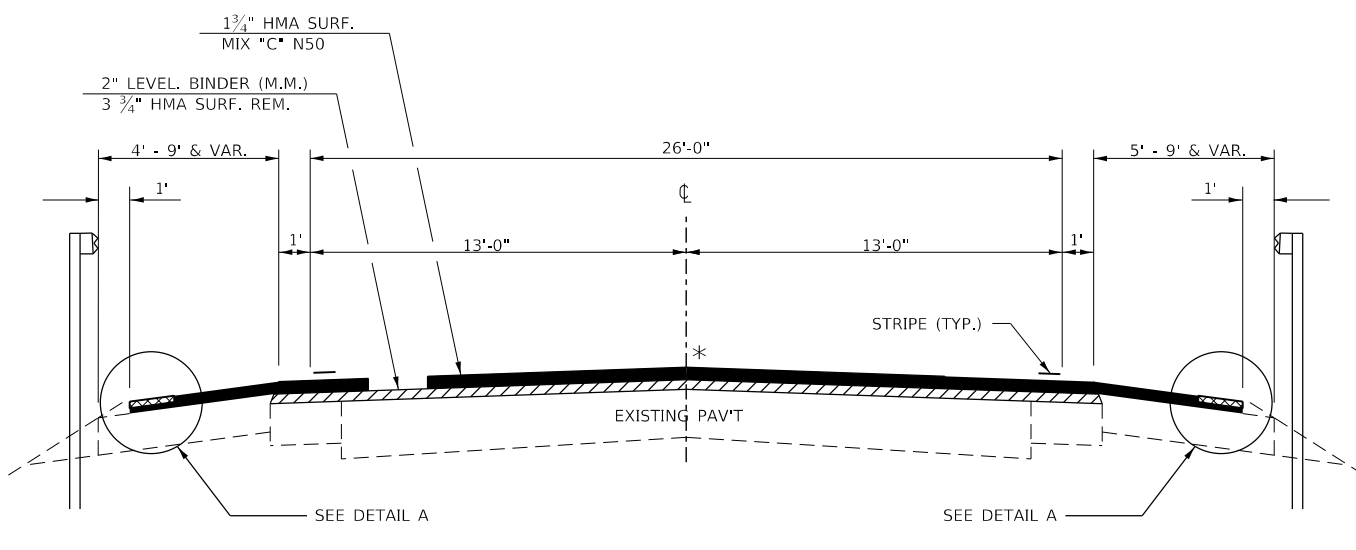
PROPOSED TYPICAL SECTION 3

STA. 1113+59 TO STA. 1114+56

STA. 1133+32 TO STA. 1136+22



DETAIL A



PROPOSED TYPICAL SECTION 3

STA. 1114+56 TO STA. 1119+27

STA. 1122+71 TO STA. 1133+32

HMA MIXTURE REQUIREMENT TABLE			
LOCATION(S):	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT
MIXTURE USE(S):	HMA LEVEL BINDER	HMA SURFACE	HMA SHOULDERS
BINDER GRADE (PG):	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL 9.5	IL 9.5	IL 9.5
FRICTION AGGREGATE:	N/A	MIXTURE C	N/A
MIXTURE WEIGHT:	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	QCP	QCP	QC/QA
SUBLOT SIZE:	1000 TONS	1000 TONS	N/A
DENSITY TEST METHOD:	CORES	CORES	CORES

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 USER: nugentaj
 DATE: 5/23/2019

USER NAME = nugentaj	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 5/23/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	(136,137)RS-2	IROQUOIS	12	6
CONTRACT NO. 66A84				
ILLINOIS FED. AID PROJECT				

MAINLINE SCHEDULE																
LOCATION			LENGTH	MAINLINE WIDTH	HMA SHLD WIDTH	HMA SURF REM 3 3/4"	HMA SURF REM 1 3/4"	LVL BND (HM) IL-9.5 N50	LVL BND (MM) IL-9.5 N50 (2")	HMA SURF CSE MIX "C" N50 (1 3/4")	HMA SHLD (1 3/4")	MIX CR, JT, & FLGWY	BIT MAT TACK COAT	LONG JOINT SEAL	AGG WEDGE SHLD TYPE B	TEMP. RAMP
STA	TO	STA	FOOT	FOOT	FOOT	SQ YD	SQ YD	TON	TON	TON	TON	TON	POUND	FOOT	TON	SQ YD
49 & 45/52 INTERSECTION				26	VAR.	4462	537	2.23	500	437	437	1	8964	872	302	166
822+85	TO	824+47	162	26		468		0.23	52	52		0.14	316	162	10	
824+47	TO	1034+15	20968	26		60574		30.29	6784	6784		18.17	40888	20968	1327	
1034+15	TO	1113+59	7944	26		22949		11.47	2570	2570		6.88	15491	7944	503	
1113+59	TO	1114+56	97	28	7	302	485	0.15	34	34	5.28	0.09	238	97		
1114+56	TO	1117+94	338	26	14	976	4056	0.49	109	109	44.17	0.29	896	338		
1117+94	TO	1119+27	133	26	9	384	931	0.19	43	43	10.14	0.12	319	133		55
1119+27	TO	1122+71	344	BRIDGE OMISSION - SN 038-0118												
1122+71	TO	1124+05	134	26	10.5	387	1139	0.19	43	43	12.4	0.12	332	134		55
1124+05	TO	1133+32	927	26	14.5	2678	11588	1.34	300	300	126.18	0.8	2480	927		
1133+32	TO	1136+22	290	28	5.5	902	1015	0.45	101	101	11.05	0.27	689	290		
1136+22	TO	1222+00	8578	26		24781		12.39	2775	2775		7.43	16727	8578	543	55
1222+00	TO	1226+00	400	BRIDGE OMISSION - SN 038-2026												
1226+00	TO	1247+40	2140	26		6182		3.09	692	692		1.85	4173	2140	135	111
1247+40	TO	1247+62	22	26		64		0.03	7	7		0.02	43	22		
1247+62	TO	1248+26	64	26		185		0.09	21	21		0.06	125	64	4	111
TOTALS			42541			125294	19751	63	14031	13968	646	37	91681	42669	2824	553

* SEE RAILROAD CROSSING DETAIL

SIDE ROAD SCHEDULE								
NAME	MATERIAL	STATION	RT/LT	HMA SURF REM VAR DEPTH SQ YD	INCIDENTAL HMA SURF TON	BIT MATL TACK COAT POUND	TEMP RAMP SQ YD	FURN EX* CU YD
2500 N	TAR & CHIP	875+60	RT	112.2	16.5	50.5	27	2
2500 N	TAR & CHIP	875+60	LT	115.5	17.0	52.0	28	2
2400 N	TAR & CHIP	929+46	LT	170.0	25.0	76.5	41	2
2400 N	TAR & CHIP	929+46	RT	130.0	19.1	58.5	32	2
2300 N	TAR & CHIP	981+35	RT	125.0	18.4	56.3	31	2
2300 N	AGG	981+35	LT	63.8	9.4	28.7	16	2
2200 N	ASPHALT	1034+75	RT	303.3	44.6	136.5	73	2
2200 N	TAR & CHIP	1035+00	LT	73.3	10.8	33.0	18	2
2100 N	TAR & CHIP	1088+15	LT	166.7	24.5	75.0	41	2
2050 N	TAR & CHIP	1114+90	RT	175.8	25.8	79.1	43	2
2000 N	TAR & CHIP	1141+97	LT	171.7	25.2	77.3	42	2
2000 N	ASPHALT	1141+97	RT	235.0	34.5	105.8	57	2
1900 N	TAR & CHIP	1195+88	RT	133.3	19.6	60.0	33	2
1900 N	TAR & CHIP	1195+88	LT	131.7	19.4	59.3	32	2
NORTH ST	ASPHALT	1223+00	LT	162.4	23.9	73.1	40	2
TOTALS				2270	334	1022	554	30

EXPANSION JOINT REHAB SCHEDULE	
LOCATION	FOOT
SN 038-0118	
STA. 1117+08	26
STA. 1124+13	26
SN 038-0119	
STA. 1222+96	26
STA. 1225+74	26
TOTAL	104

*PLACE FURNISHED EX AROUND SIDEROAD RADII. THIS AREA TO BE SEEDED, FERTILIZED AND MULCHED- NOT PAID FOR SEPERATELY BUT INCLUDED IN THE COST OF FURNISHED EX

PAVEMENT MARKING SCHEDULE																				
LOCATION		PERMANENT PAVEMENT MARKINGS									TEMPORARY PAVEMENT MARKINGS									
		PAINT (2 APPLICATIONS)						THERMOPLASTIC			RSD REFL PAVT MARK	RSD REFL PAVT MARK	TEMPORARY (2 APPLICATIONS)					PAVT MARK REM WTR BLST (1 APP)	SHORT TERM PAVT MARK (3 APP)	SHRT TRM PAVT MARK REM (1 APP)
		4"		6"		8"		12"					24"	LTR&SYM	4"	6"	8"			
		YELLOW	WHITE	YELLOW	WHITE	WHITE	YELLOW	WHITE	WHITE	WHITE	WHITE	STOP BAR	RR X-ING	4"	6"	8"	12"	24"	SQ FT	FOOT
IL 49 & US 45/52	4468	2568			1276	256			120.0			20	20	7036	2166.9	240.0	360	40		
824+50 TO 1242+26		167104	20890									523	523	167104	20890		32794.7	12533	1393	
1242+26 TO 1246+77	902	1804	230					26	61.2	6	6	6	6	2706	230		556.0	136	15	
1246+77 TO 1248+26	500	180		530	200			48		8	8	8	8	680		530	200	485.8	45	5
SUBTOTAL	5870	171656	21120	530	1476	256		194	62	557	557	177526	21120	530	1732	388	36004	13074	1453	
TOTAL		177526	21120	530		1732		194	62	557	557	177526	21120	530	1732	388	36004	13074	1453	

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USER NAME = nugentaj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULES				F.A.P. RTE. 840	SECTION (136,137)RS-2	COUNTY IROQUOIS	TOTAL SHEETS 12	SHEET NO. 7
DRAWN -	REVISED -	SCALE:		SHEET 1	OF 2	SHEETS	STA.	TO STA.	CONTRACT NO. 66A84			
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT								
PLOT DATE = 5/23/2019	DATE -	REVISED -										

GPS NUMBER	DESCRIPTION	EXISTING MONUMENT TYPE	PROPOSED MONUMENT TYPE	MONUMENT RECORD TO BE RECORDED	RESPONSIBILITY
	E QUARTER CORNER SECTION 31, T27N, R13W, 2ND PM	PK NAIL	TYPE 1	YES	1
	SE CORNER SECTION 30, T27N, R13W, 2ND PM	RR SPIKE	TYPE 1	YES	1
	NE CORNER SECTION 30, T27N, R13W, 2ND PM	RR SPIKE	TYPE 1	YES	1
	NW CORNER SECTION 17, T27N, R13W, 2ND PM	STAR PIN	TYPE 1	YES	1
	SW CORNER SECTION 5, T27N, R13W, 2ND PM	PK NAIL	TYPE 1	YES	1
	NW CORNER SECTION 5, T27N, R13W, 2ND PM	PK NAIL	TYPE 1	YES	1
	SW CORNER SECTION 32, T28N, R13W, 2ND PM	PK NAIL W/BC	TYPE 1	YES	1
	W QTR CORNER SECTION 32, T28N, R13W, 2ND PM	PK NAIL W/BC	TYPE 1	YES	1
	NW CORNER SECTION 32, T28N, R13W, 2ND PM	PK NAIL	TYPE 1	YES	1
	W QTR CORNER SECTION 29, T28N, R13W, 2ND PM	MAG NAIL	TYPE 1	YES	1
	SE CORNER SECTION 19, T28N, R13W, 2ND PM	***MISSING	TYPE 1	YES	1

RE IS TO NOTIFY PLATS AND PLANS WHEN SURFACE IS TO BE MILLED. 815-434-8539
MISSING POINT NUMBERS WILL BE ASSIGNED. PRE CONSTRUCTION TIES ARE NOT REQUIRED.
UNKNOWN MONUMENTS SET BY OTHERS MAY EXIST. IF FOUND, R.E. WILL DIRECT PLATS AND PLANS TO GPS ANY MONUMENT SUBJECT TO DESTRUCTION FROM THE RESURFACING WORK FOR THE PURPOSE OF RESETTING IT AFTER JOB COMPLETION.
R.E. WILL DIRECT PLATS AND PLANS TO SEARCH FOR ADDITIONAL MONUMENTS IF THE CONSTRUCTION LIMITS ARE EXPANDED.
UPON PAVING COMPLETION, R.E. WILL DIRECT PLATS AND PLANS TO STAKE THE LOCATIONS FOR TYPE 1 MONUMENT CORING.
PLATS AND PLANS WILL PREPARE AND RECORD THE REQUIRED MONUMENT RECORDS.

RESPONSIBILITY:

- 1) RESIDENT TO RE-ESTABLISH MONUMENT (PAY ITEM REQUIRED. PERMANENT SURVEY MARKER, TYPE 1)
- 2) PLATS AND PLANS TO RE-ESTABLISH MONUMENT

ENTRANCE SCHEDULE								
MATERIAL	STATION	TYPE	RT/LT	HMA SURF REM VAR DEPTH SQ YD	INCIDENTAL HMA SURF TON	BIT MATL TACK COAT POUND	AGG SURF CSE TYP B TON	TEMP RAMP SQ YD
AGG	826+00	PE	RT				3.9	
ASPHALT	826+00	MBTO	LT	13.3	2.0	6.0		
AGG	839+15	PE	RT				5.8	
ASPHALT	839+15	MBTO	LT	13.3	2.0	6.0		
AGG	843+60	PE	RT				4.7	
AGG	855+75	PE	RT				28.0	
ASPHALT	858+15	PE	RT	39.9	5.9	17.9		29
ASPHALT	857+40	MBTO	LT	13.3	2.0	6.0		
AGG	867+90	PE & MBTO	LT				7.6	
ASPHALT	908+30	PE & MBTO	LT	36.9	5.4	16.6		27
ASPHALT	912+15	CE	RT	91.6	13.5	41.2		66
ASPHALT	914+85	CE	RT	52.0	7.6	23.4		38
AGG	917+55	PE	RT				6.5	
ASPHALT	917+55	MBTO	LT	13.3	2.0	6.0		
BIT/AGG	931+27	PE	RT	25.6	3.8	11.5		18
BIT/AGG	962+30	MBTO	LT	57.8	8.5	26.0		
BIT/AGG	962+30	PE	RT	31.7	4.7	14.3		23
BIT/AGG	995+85	PE & MBTO	RT	19.6	2.9	8.8		14
BIT/AGG	996+20	PE	RT	19.6	2.9	8.8		14
BIT/AGG	1217+90	PE	RT	32.8	4.8	14.8		24
BIT/AGG	1239+22	PE	RT	33.3	4.9	15.0		24
BIT/AGG	1243+47	PE	RT	35.0	5.1	15.8		25
TOTAL				529	78	239	57	302

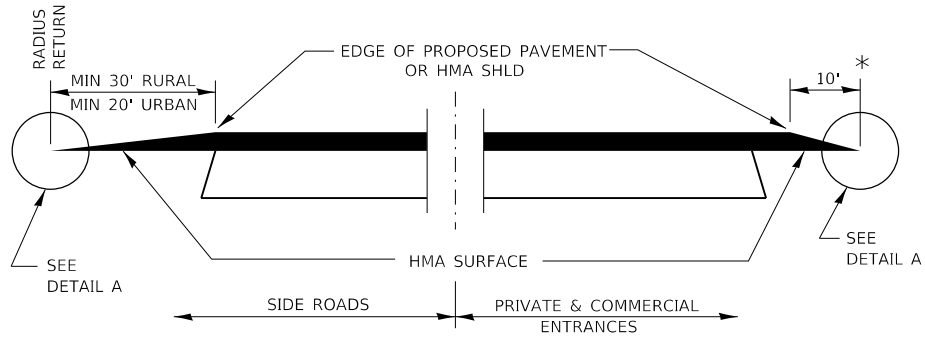
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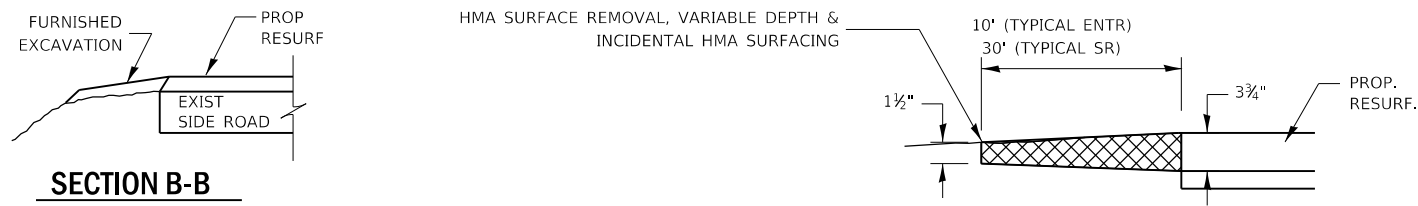
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

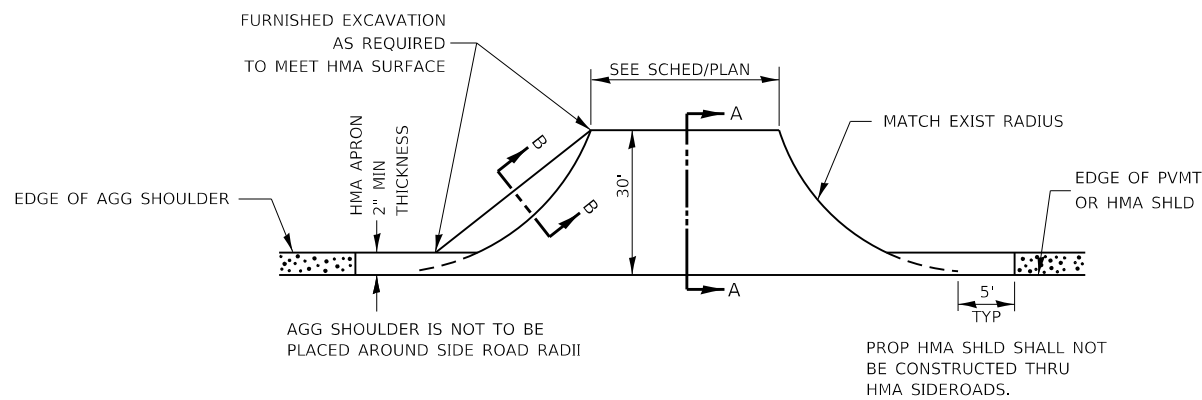
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840	(136,137)RS-2	IROQUOIS	12	8
			CONTRACT NO. 66A84	
		ILLINOIS	FED. AID PROJECT	



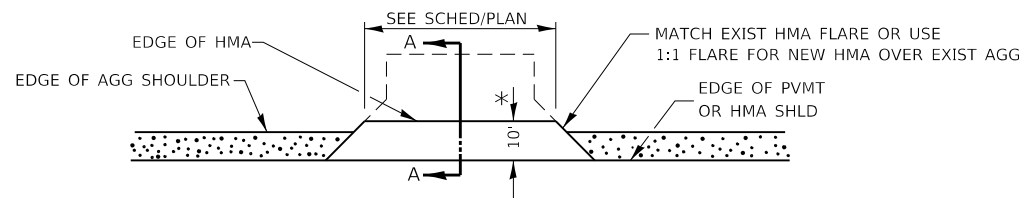
SECTION A-A
DETAILS AT ENTRANCES & SIDE ROADS



DETAIL A



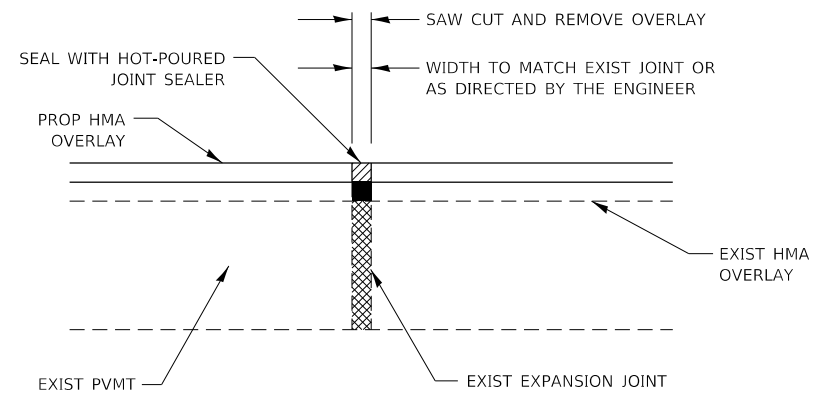
PLAN AT SIDE ROADS



PLAN AT PRIVATE & COMMERCIAL ENTRANCES

(DO NOT RESURFACE FIELD ENTRANCES)

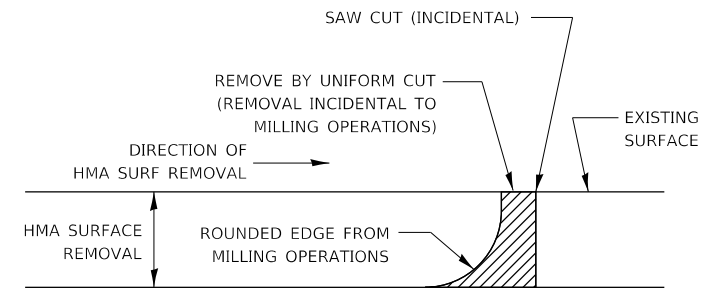
* PROPOSED HMA RESURFACING AT PUBLIC EDUCATIONAL FACILITY ENTRANCES SHALL BE EXTENDED TO THE RIGHT-OF-WAY LIMITS.



EXPANSION JOINT REHABILITATION DETAIL

GENERAL NOTES:

1. THE NEW HMA OVERLAY SHALL BE SAWED, REMOVED AND THE JOINT AREA CLEANED. PRIOR TO PLACING THE HOT-POURED JOINT SEALER, THE JOINT SHALL BE BLOWN OUT WITH COMPRESSED AIR.
2. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR EXPANSION JOINT REHABILITATION.



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 DETAIL AT BUTT JOINTS

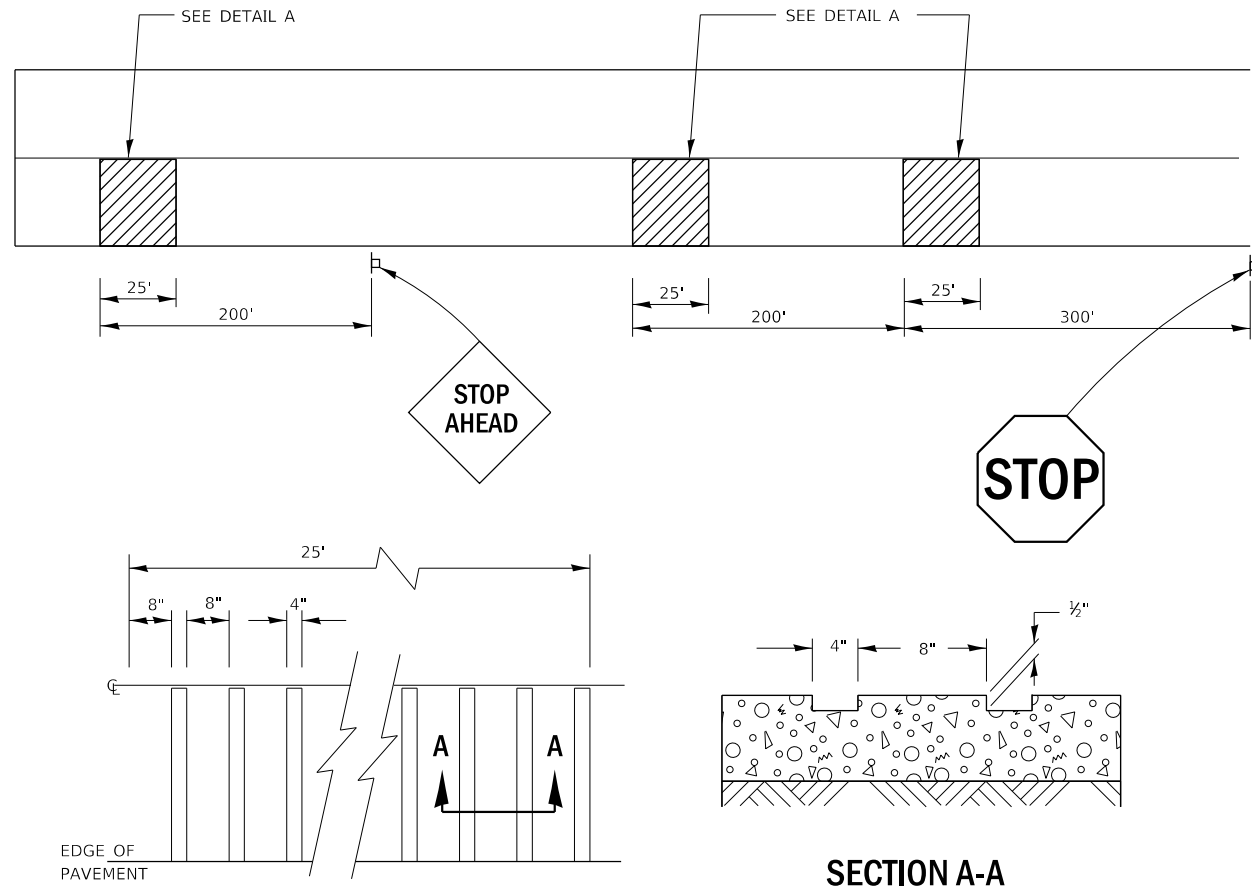
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

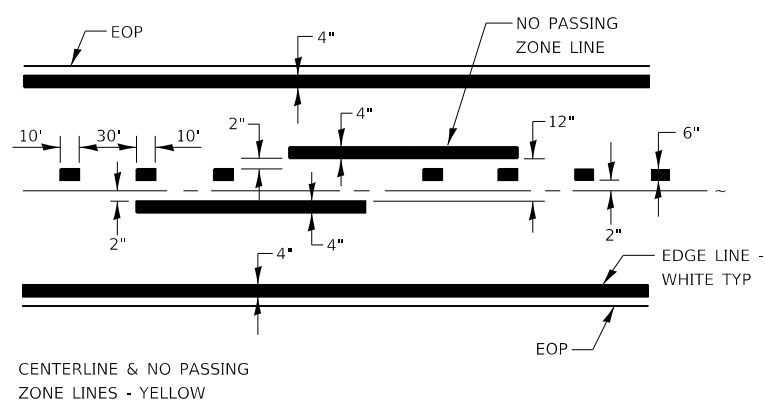
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				CONTRACT NO. 66A84
		ILLINOIS	FED. AID PROJECT	



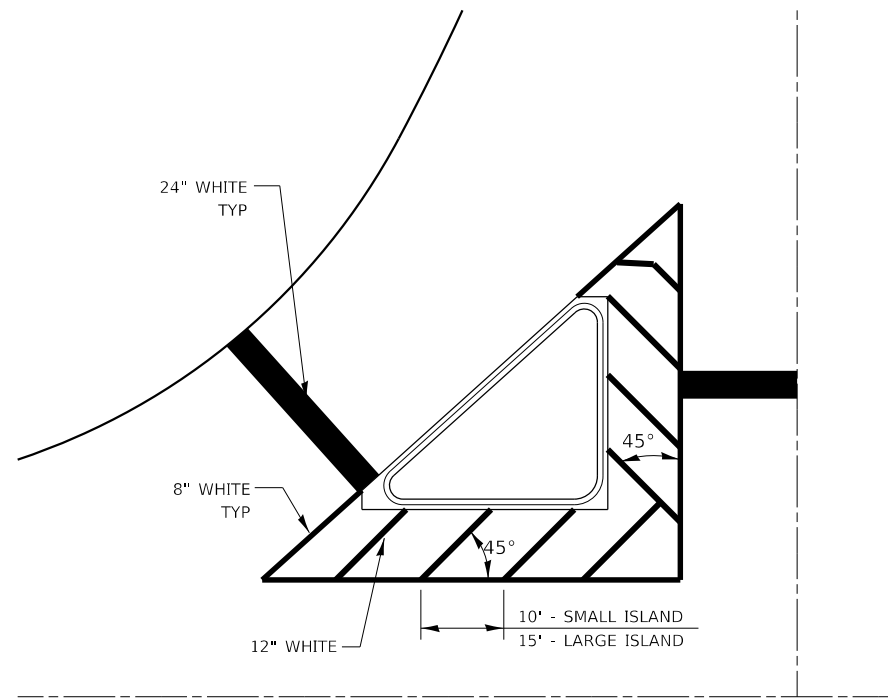
DETAIL A

SECTION A-A

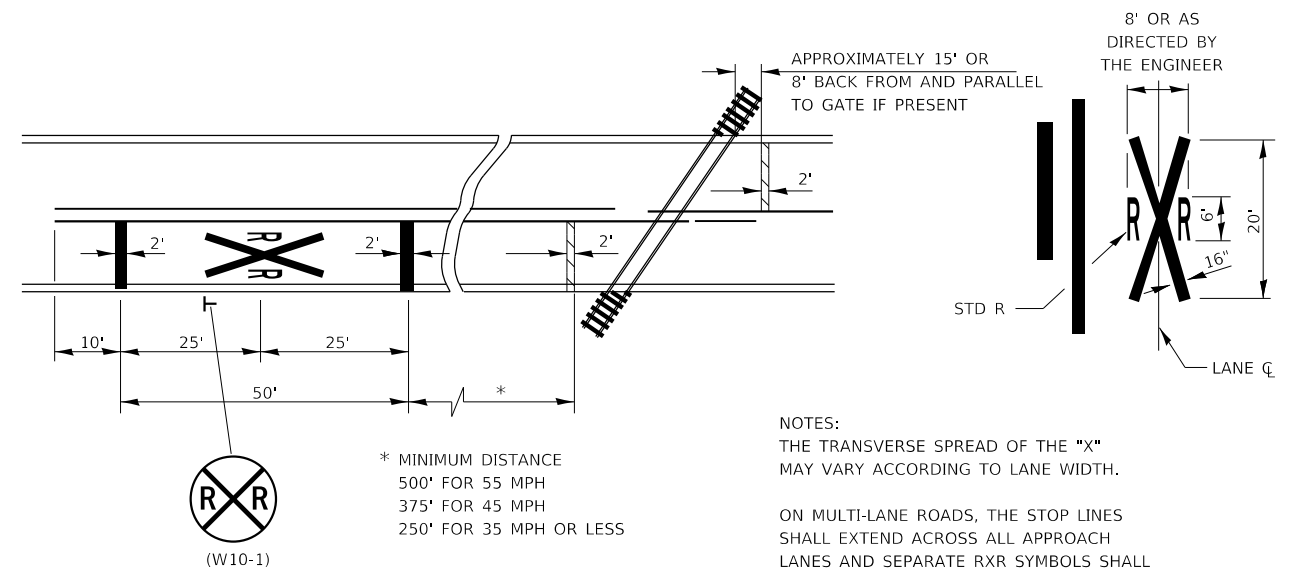
TYPICAL GROOVED RUMBLE STRIP APPLICATION IN ADVANCE OF AN INTERSECTION TO BE PLACED AT THE SOUTH END OF THE IL 49 AND US 45/52 INTERSECTION



PAVEMENT MARKING



TYPICAL ISLAND



PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

NOTES:
THE TRANSVERSE 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).

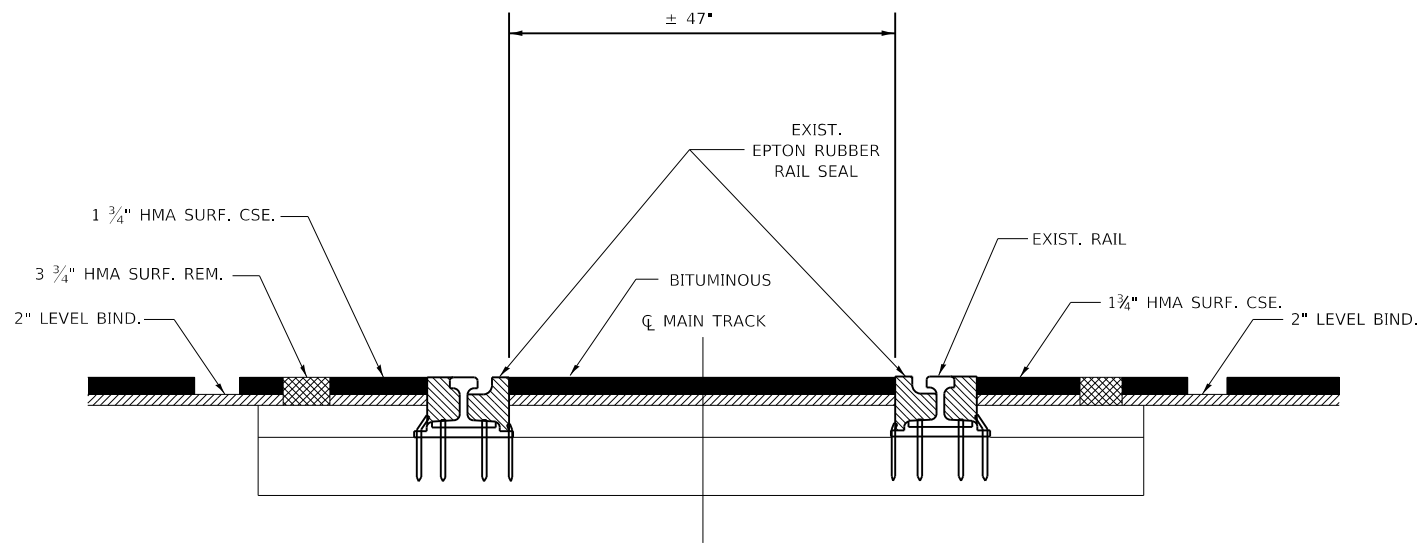
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

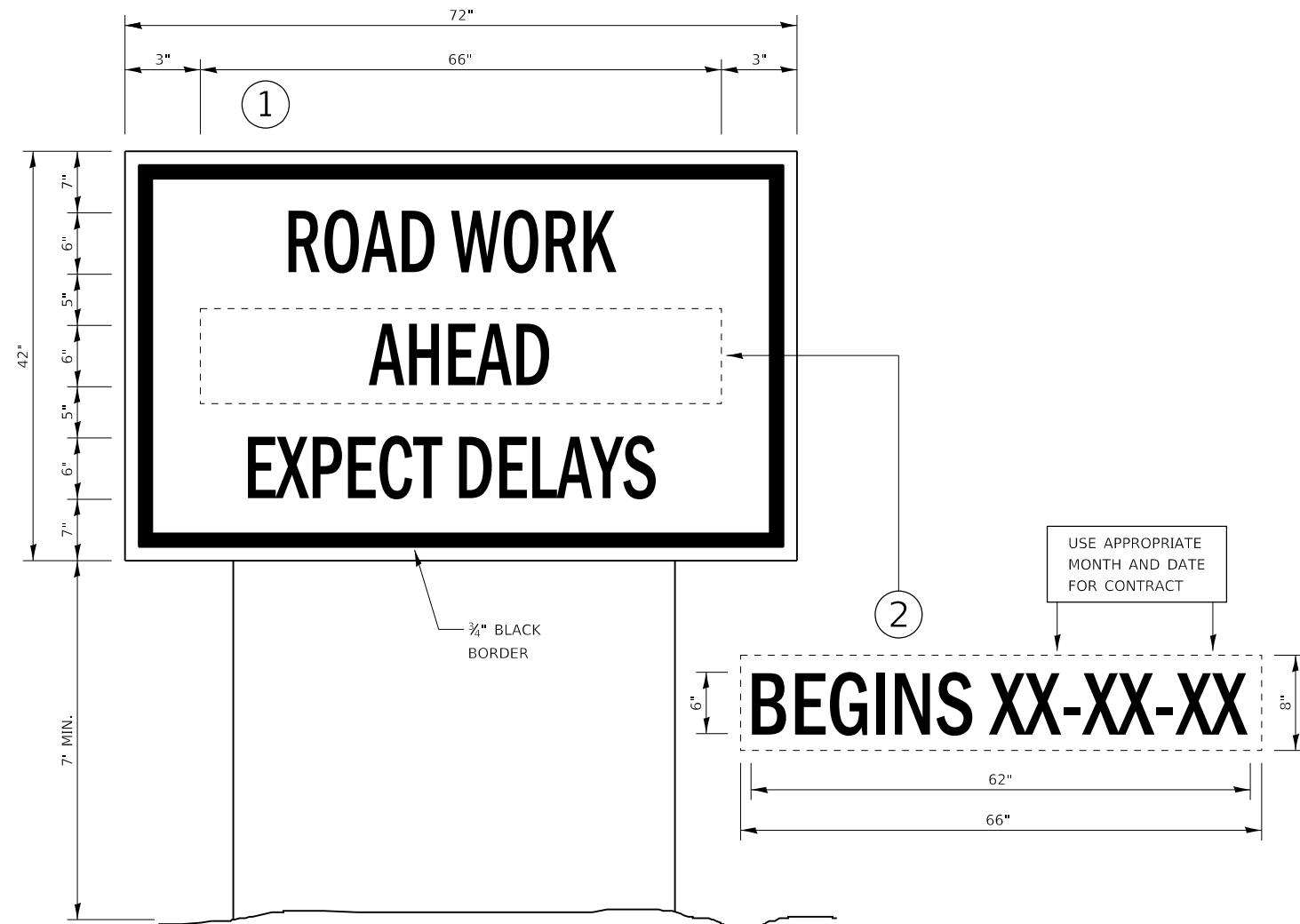
DETAILS			
SCALE:	SHEET 2 OF 4 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	(136,137)RS-2	IROQUOIS	12	10
CONTRACT NO. 66A84				
ILLINOIS FED. AID PROJECT				



HMA SURFACE REMOVAL AND REPLACEMENT DETAIL

AT THE IL 49-TP&W
RAILWAY GRADE CROSSING
(DOT/AAR NO. 801 616 L)



TEMPORARY INFORMATION SIGNING

NOTES:

1. USE 6" D BLACK LETTERING ON FLUORESCENT 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 AND THE DATE PANEL ② WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.

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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

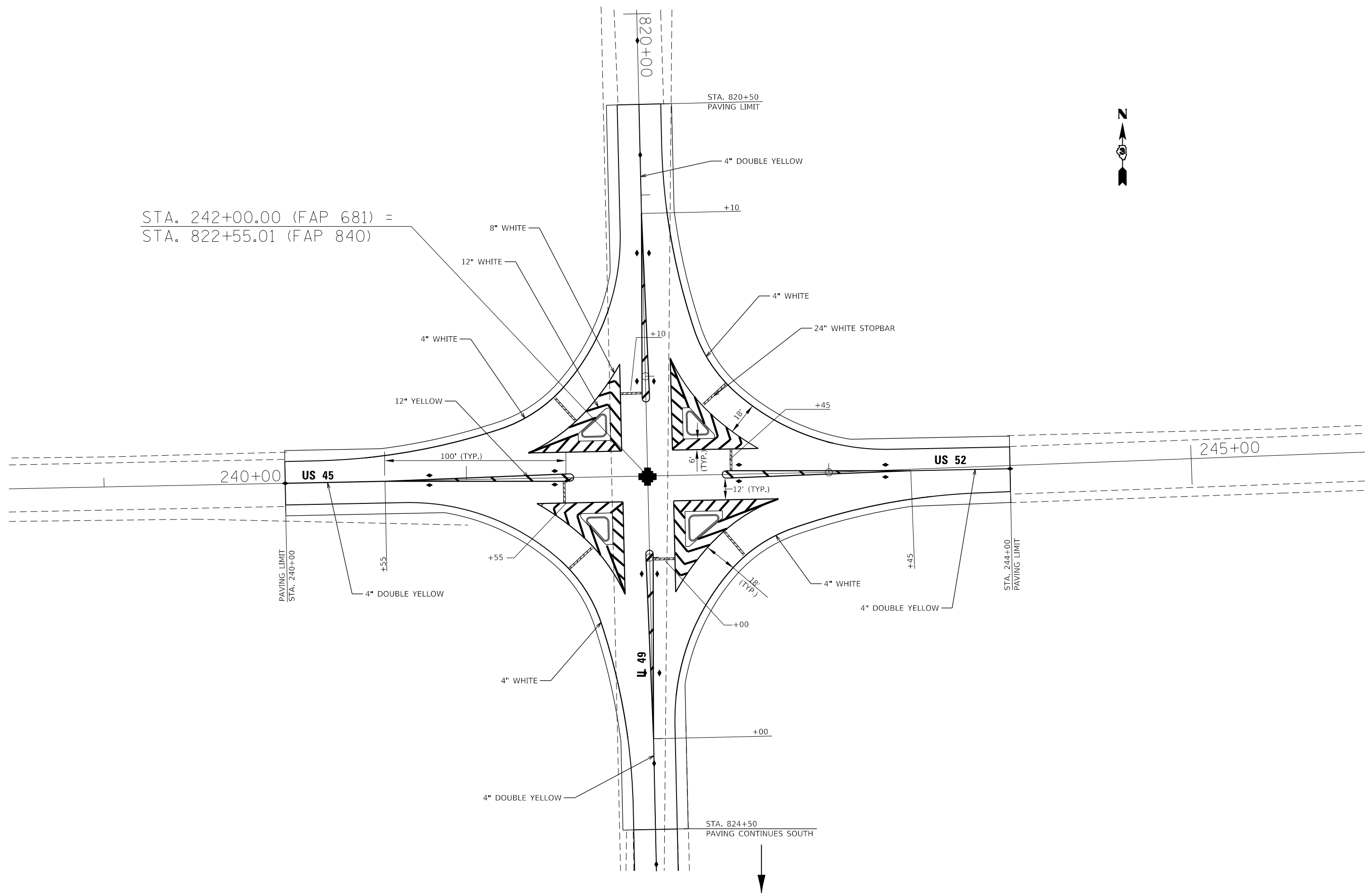
DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	(136,137)RS-2	IROQUOIS	12	11
CONTRACT NO. 66A84			ILLINOIS FED. AID PROJECT	



STA. 242+00.00 (FAP 681) =
STA. 822+55.01 (FAP 840)



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PLOT DATE = 5/22/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAILS
PAVEMENT MARKING AT IL 49 & US 45/52**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	(136,137)RS-2	IROQUOIS	12	12
CONTRACT NO. 66A84				
ILLINOIS FED. AID PROJECT				