

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

FAP ROUTE 840 (IL 50)  
SECTION (140)RS-7 & (141)RS-4

**3P MILLING & RESURFACING  
KANKAKEE COUNTY**

C-93-031-04

0.7 MILES NORTH OF ST GEORGE RD TO N OF 6TH ST IN MANTENO

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	(140)RS-7 & (141)RS-4	KANKAKEE	13	1
		ILLINOIS	CONTRACT NO. 66429	

INDEX OF SHEETS

- 1 COVER SHEET
- 2 GENERAL NOTES
- 3-5 SUMMARY OF QUANTITIES
- 6 TYPICAL SECTIONS
- 7-9 SCHEDULES
- 10-13 DETAILS

LIST OF ILLINOIS DOT HIGHWAY STANDARDS

- 00001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001005 DECIMAL OF AN INCH AND OF A FOOT
- 406201-01 MAILBOX TURNOUT
- 424001-07 PERPENDICULAR CURB RAMPS FOR SIDEWALKS
- 424006-01 DIAGONAL CURB RAMPS FOR SIDEWALKS
- 424011-01 CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
- 424016-01 MID-BLOCK CURB RAMPS FOR SIDEWALKS
- 424021-02 DEPRESSED CORNER FOR SIDEWALKS
- 424026-01 ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
- 606001-05 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 701101-04 OFF-ROAD OPERATIONS MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
- 701105-02 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
- 701421-06 LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS ≥ 45 MPH TO 55 MPH
- 701426-06 LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≥ 45 MPH
- 701427-02 LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≤ 40 MPH
- 701606-09 URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
- 701701-09 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801-05 LANE CLOSURE, MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
- 701901-03 TRAFFIC CONTROL DEVICES
- 780001-04 TYPICAL PAVEMENT MARKINGS
- 781001-03 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
- 888001-01 DETECTOR LOOP INSTALLATIONS
- 888006-01 TYPICAL LAYOUT FOR DETECTION LOOPS



**FUNCTIONAL CLASS**

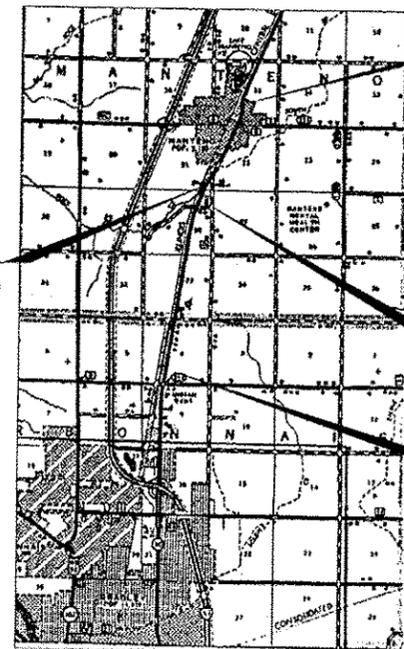
RURAL MINOR ARTERIAL  
URBAN OTHER PRINCIPAL ARTERIAL

2013 ADT = 11,500  
P.V. = 91.7% S.U. = 5.7% M.U. = 2.6%

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED 6/11 20 14  
*John D. Baranzelli, P.E.*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER  
*John D. Baranzelli, P.E.*  
ENGINEER OF DESIGN AND ENVIRONMENT  
July 18, 2014  
*Omer Osman, P.E.*  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS**

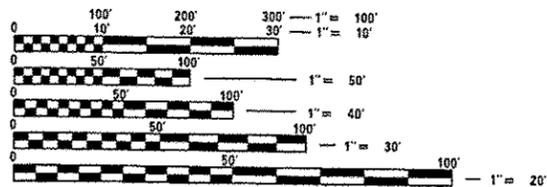


PROJECT ENDS  
STA. 484 + 50

RR OMISSION  
STA 406 + 76 TO STA 406 + 85

PROJECT BEGINS  
STA. 282 + 40

OMISSION SN 046-0122  
STA 433 + 05.35 TO STA 434 + 94.65



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

DISTRICT 3 NO. (815) 434-6131

PROJECT ENGINEER: JOE KANNEL  
UNIT CHIEF: MICHELE LINDEMANN  
TOWNSHIP: BOURBONNAIS, MANTENO

CONTRACT NO. 66429

GROSS LENGTH = 20210 FT. = 3.828 MI.  
NET LENGTH = 20009.7 FT. = 3.792 MI.

**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 PORTLAND CEMENT CONCRETE SIDEWALK, 4".

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 IDOT RIGHT OF WAY DUE TO ENVIRONMENTAL DOCUMENTATION REQUIREMENTS.

DETECTABLE WARNING SURFACES SHALL EXTEND 2.0 FT MINIMUM IN THE DIRECTION OF PEDESTRIAN TRAVEL. AT CURB RAMPS AND BLENDED TRANSITIONS, DETECTABLE WARNING SURFACES SHALL EXTEND THE FULL WIDTH OF THE RAMP RUN (EXCLUDING ANY FLARES) OR BLENDED TRANSITIONS. SOME DETECTABLE WARNING PRODUCTS REQUIRE A CONCRETE BORDER FOR PROPER INSTALLATION. THE CONCRETE BORDER SHALL NOT EXCEED 2 INCHES.

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.

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 & FLGWYS	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.

THE CONTRACTOR SHALL CONTACT THE IDOT DISTRICT 3 TRAFFIC SECTION AT (815) 434-6131 BEFORE MILLING TO VERIFY DETECTOR LOOP LOCATIONS.

COMMITMENTS

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DISTRICT THREE

PREPARED BY: Dan Bonil  
DISTRICT STUDIES & PLANS ENGINEER

DATE: 6-11-14

EXAMINED BY: Herb Gray  
DISTRICT CONSTRUCTION ENGINEER

Wynne Phillips  
DISTRICT MATERIALS ENGINEER

Russell Heuch  
DISTRICT OPERATIONS ENGINEER

FILE NAME *	USER NAME = carpenter_dj	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\p-work\sp\idot\carpenter_dj\21190371\366429\detail.dgn	DRAWN -	REVISED -	840			(140)RS-7 & (141)RS-4	KANKAKEE	13	2	
\$MODELNAME*	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -			CONTRACT NO. 66429				
	PLOT DATE = 6/11/2014	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
					SCALE:	SHEET	OF	SHEETS	STA.	TO STA.

CONSTR. CODE  
100% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY
				0005
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	31	31
40600537	LEVELING BINDER (HAND METHOD), IL-9.5FG, N70	TON	51	51
40600637	LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N70	TON	3735	3735
40600990	TEMPORARY RAMP	SQ YD	508	508
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	8547	8547
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	327	327
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	1402	1402
42400800	DETECTABLE WARNINGS	SQ FT	280	280
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	105648	105648
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	224	224
44000600	SIDEWALK REMOVAL	SQ FT	1402	1402
48100200	AGGREGATE SHOULDERS, TYPE A	CU YD	1429	1429
60255500	MANHOLES TO BE ADJUSTED	EACH	4	4
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	224	224

\* SPECIALTY ITEMS

FILE NAME *	USER NAME = carpentardj	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
c:\pwork\pvidot\carpentardj\42119837\	350429-ahh-500.dgn	DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	840	(140)RS-7 & (141)RS-8	KANKAKEE	13	3
	PLOT SCALE = 1/8" = 1' / in.	CHECKED -	REVISED -		CONTRACT NO. 66429										
	PLOT DATE = 6/11/2014	DATE -	REVISED -		ILLINOIS FED. AID PROJECT										

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				100% STATE
				ROADWAY
				0005
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	9	9
67100100	MOBILIZATION	L SUM	1	1
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1	1
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	8084	8084
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	69860	69860
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	11009	11009
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	208	208
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	2695	2695
* 78003130	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"	FOOT	10105	10105
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	69860	69860
* 78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	904	904

14

\* SPECIALTY ITEMS

FILE NAME =	USER NAME = carpentardj	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pvidot\carpentardj\08119037\0366429-shr-500.dgn		DRAWN -	REVISED -		840	040RS-7 & 041RS-4	KANKAKEE	13	4				
PLOT SCALE = 1/8" = 100.0000' / 1"		CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT	
PLOT DATE = 6/11/2014		DATE -	REVISED -		CONTRACT NO. 66429								

408 2 100

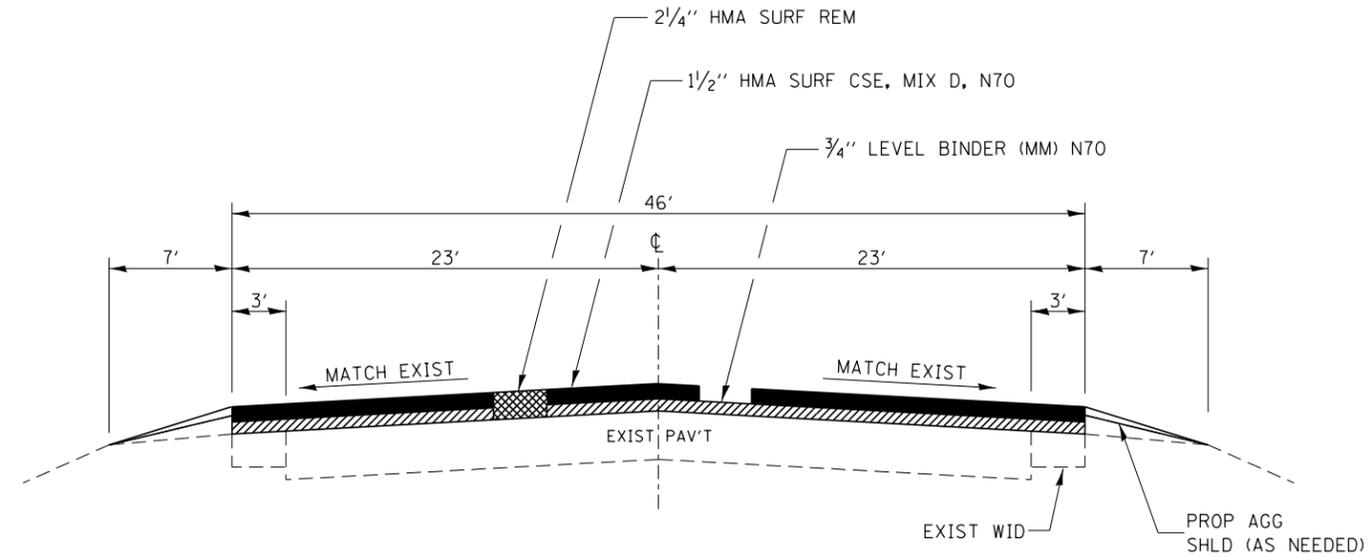
CONSTR. CODE  
100% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY
				0005
* 78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	208	208
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	758	758
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	758	758
* 88600100	DETECTOR LOOP, TYPE I	FOOT	2025	2025
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	42	42
Z0034105	MATERIAL TRANSFER DEVICE	TON	12282	12282
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1
X4060110	BITUMINOUS MATERIALS (PRIME COAT)	POUND	30106	30106
* X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	10105	10105
* X8860100	LOOP DETECTOR TESTING	EACH	2	2

10

\* SPECIALTY ITEMS

FILE NAME =	USER NAME = carpanterdj	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
c:\pwwork\pvidot\carpanterdj\00119037\0366429-shc-500.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	840	(14)RS-7 & (14)RS-4	KANKAKEE	13	5
PLOT SCALE = 1/8" = 100'		CHECKED -	REVISED -		CONTRACT NO. 66429										
PLOT DATE = 6/11/2014		DATE -	REVISED -		ILLINOIS FED. AID PROJECT										

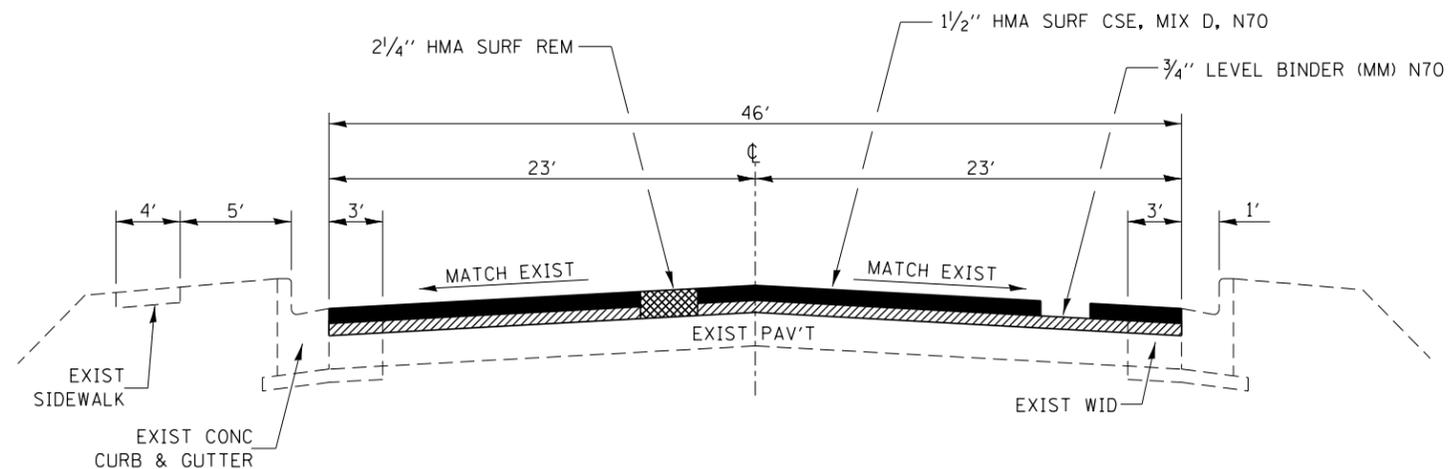


**PROPOSED TYPICAL SECTION**

STA 283+00 TO STA 429+56

MIX DESIGN					
MIX	PG GRADE ••	DESIGN AIR VOIDS	MIX COMPOSITION	FRICITION AGG	DENSITY CONTROL
HMA SURFACE	PG 64-22	4.0% @N70	IL 9.5	MIXTURE D	CORRELATION
HMA LEVEL BINDER	PG 64-22	4.0% @N70	IL 9.5FG		CORRELATION

•• WHEN RAP/RAS ABR EXCEEDS 20%, THE HIGH AND LOW VIRGIN ASPHALT BINDER GRADES SHALL EACH BE REDUCED BY ONE GRADE ( EXAMPLE: 25% ABR WOULD REQUIRE A VIRGIN ASPHALT BINDER GRADE OF PG 64-22 TO BE REDUCED TO PG 58-28).



**PROPOSED TYPICAL SECTION**

STA 429+56 TO STA 484+50

FILE NAME =	USER NAME = carpenterdj	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.					
c:\pwork\pwork\carpenterdj\d0119037\0366429-details.dgn		DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	840	(140)RS-7 & (141)RS-4	KANKAKEE	13	6	
\$MODELNAME\$		CHECKED -	REVISED -														
		DATE -	REVISED -														

SIDEROAD SCHEDULE										
LOCATION	SIDE	DESCRIPTION	EXISTING MATERIAL	RADIUS	WIDTH	AREA	INC HMA SURF	BIT MAT'L (PR CT)	TEMP RAMP	HMA SURF REM 2 1/4"
STA TO STA					FOOT	SQ YD	TON	POUND	SQ YD	SQ YD
290+30	RT	PE/MBTO	HMA		70	77.8	6.5	52.5	19.4	77.8
298+44	RT	PE	HMA		13	31.1	2.6	21		31.1
299+63	RT	PE	HMA		19.5	35.6	3	24		35.6
300+30	LT	6000N RD	HMA	40	29	173.0	14.5	116.8	8.1	173.0
300+30	RT	6000N RD	HMA	40	30	176.4	14.8	119.1	8.3	176.4
307+72	RT	CE	CONCRETE							
310+95	RT	CE	CONCRETE							
314+45	RT	CE	HMA		60	77.8	6.5	52.5		77.8
394+85	LT	E AMBERSTONE RD	HMA	40	20	143.0	12	96.5	5.6	143.0
394+85	RT	E AMBERSTONE RD	HMA	40	27	166.4	14	112.3	7.5	166.4
414+88	RT	CE	HMA		45	61.1	5.1	41.2		61.1
418+40	RT	CE	HMA		24.5	38.3	3.2	25.9		38.3
423+53.50	RT	2000E RD	HMA	20	20	85.8	7.2	57.9	5.6	85.8
442+25.98	LT	MCGUIRE ST	HMA	30	28	136.3	11.4	92	15.6	136.3
450+22.1	RT	EAST BAKER ST	HMA	30	33.1	153.3	12.9	103.5	18.4	153.3
450+31.89	LT	EAST BAKER ST	HMA	30	37.25	167.1	14	112.8	20.7	167.1
455+00	RT	EAST ADAMS ST	HMA	25	18	89.8	7.5	60.6	10	89.8
455+05.96	LT	EAST ADAMS ST	HMA	25	32	136.5	11.5	92.1	17.8	136.5
459+74.95	LT	WEST DIVISION ST	HMA	66	44	354.5	29.8	239.3	24.4	354.5
459+74.95	RT	WEST DIVISION ST	HMA	43	36	208.2	17.5	140.5	20	208.2
464+48.64	LT	EAST FIRST ST	HMA	25	26	116.5	9.8	78.6	14.4	116.5
464+48.64	RT	EAST FIRST ST	HMA	25	20	96.5	8.1	65.1	11.1	96.5
469+20.94	LT	EAST SECOND ST	HMA	25	23	106.5	8.9	71.9	12.8	106.5
469+23.27	RT	EAST SECOND ST	HMA	30	30	143.0	12	96.5	16.7	143.0
472+37.17	LT	EAST THIRD ST	HMA	30	30	143.0	12	96.5	16.7	143.0
472+37.17	RT	EAST THIRD ST	HMA	69	36	347.2	29.2	234.4	20	347.2
476+70.02	LT	EAST FOURTH ST	HMA	25	26	116.5	9.8	78.6	14.4	116.5
476+67.02	RT	EAST FOURTH ST	HMA	25	26	116.5	9.8	78.6	14.4	116.5
480+24	LT	CE	HMA	25	33	139.8	11.7	94.4	18.3	139.8
481+32.90	RT	EAST FIFTH ST	HMA	25	32	136.5	11.5	92.1	17.8	136.5
483+80.48	LT	EAST SIXTH ST	HMA	30	25	126.3	10.6	85.3	13.9	126.3
<b>TOTAL</b>					<b>893.35</b>	<b>3900.3</b>	<b>327.4</b>	<b>2632.5</b>	<b>351.9</b>	<b>3900.3</b>

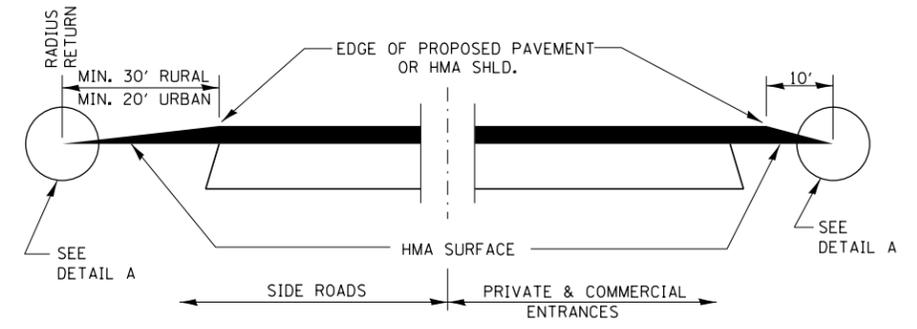
RESURFACING SCHEDULE											
LOCATION		LENGTH	PVMT AREA	HMA SURF CSE	LEVEL BINDER (MM)	HMA SURF REM 2 1/4"	TEMP RAMP	BIT MAT (PR CT)	MIX FOR CRACKS, JOINTS & FLGWYS	LEVEL BINDER (HM)	AGG SHLD
STA TO STA		FOOT	SQ YD	TON	TON	SQ YD	SQ YD	POUND	TON	TON	TON
282+40 TO 406+76		12436	63561.8	5339.2	2669.6	63561.8	52	17162	19.1	31.8	1180.3
406+76 TO 406+85	RR OMISSION										
406+85 TO 433+05.35		2620.35	13392.9	1125.0	23.6	13392.9	52	3616	4.0	6.7	248.7
OMISSION 433+05.35 TO 434+94.65	PAVING OMISSION	189.3									
434+94.65 TO 474+72		3977.35	19444.8	1633.4	816.7	19444.8	26	5250	5.8	9.7	
474+72 TO 476+22		150	1116.7	93.8	46.9	1116.7		302	0.3	0.6	
476+22 TO 484+50		828	4232.0	355.5	177.7	4232.0	26	1143	1.3	2.1	
<b>TOTAL</b>				<b>8546.9</b>	<b>3734.5</b>	<b>101748.2</b>	<b>156</b>	<b>27473</b>	<b>30.5</b>	<b>50.9</b>	<b>1429.0</b>

PAVEMENT MARKING SCHEDULE										
LOCATION	LENGTH	POLYUREA PVMT MARKING 4"		POLYUREA PVMT MARKING 6"	PREFORMED PLASTIC PVMT MARK TYPE B, 6"	GROOVING FOR RECESSED PVMT MARKING, 7"	POLYUREA PVMT MARK 24" WHITE	RAISED REFLECTIVE PAVEMENT MARKERS		RAISED REFLECTIVE PVMT MARK REM EACH
		WHITE	YELLOW	WHITE	WHITE			TWO-WAY AMBER EACH	ONE-WAY CRYSTAL EACH	
		FOOT	FOOT	FOOT	FOOT					
STA 282+40 TO 429+60	14720	29440	29440		7360	7360		368	184	552
429+60 TO 484+50	5490		10980	904	2745	2745	208	137	69	206
<b>SUBTOTAL</b>		29440	40420	904	10105	10105	208	505	253	758
<b>TOTAL</b>		69860		904	10105	10105	208	758		758

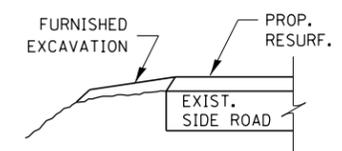
TEMPORARY PAVEMENT MARKING SCHEDULE							
LOCATION	LENGTH	TEMPORARY PVMT MARKING 4"		TEMPORARY PVMT MARK 6"	TEMPORARY PVMT MARK 24"	SHORT TERM PVMT MARK FOOT	WORK ZONE PVMT MARK REM FOOT
		WHITE	YELLOW	WHITE	WHITE		
		FOOT	FOOT	FOOT	FOOT		
STA 282+40 TO 429+60	14720	29440	29440	7360		5888	1963
429+60 TO 484+50	5490		10980	3649	208	2196	732
<b>SUBTOTAL</b>		29440	40420	11009	208	8084	2695
<b>TOTAL</b>		69860		11009	208	8084	2695

DETECTOR LOOPS		
	DETECTOR LOOP TYPE I	DETECTOR LOOP TESTING
	FOOT	EACH
DIVISION ST	1200	1
3RD ST	825	1
<b>TOTAL</b>	2025	2

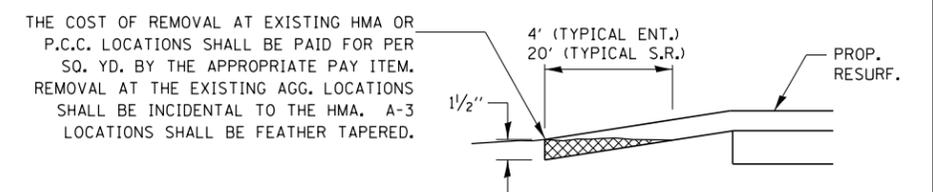
SIDEWALK SCHEDULE FOR NEW RAMP INSTALLATION					
LOCATION	PCC SIDEWALK 4"	DETECTABLE WARNINGS	COMB CC&G B-6.24	SIDEWALK REMOVAL	CC&G REM
	SQ FT	SQ FT	FT	SQ FT	FOOT
<b>MCGUIRE ST</b>					
SOUTHEAST QUAD	NA	10	8		8
NORTH EAST QUAD	46	10	8	46	8
<b>BAKER ST</b>					
SOUTHEAST QUAD	NA				
NORTHEAST QUAD	30	10	8	30	8
SOUTHWEST QUAD	40	10	8	40	8
NORTHWEST QUAD	32	10	8	32	8
<b>ADAMS ST</b>					
SOUTHEAST QUAD	40	10	8	40	8
NORTHEAST QUAD	48	10	8	48	8
SOUTHWEST QUAD	40	10	8	40	8
NORTHWEST QUAD	32	10	8	32	8
<b>DIVISION ST</b>					
SOUTHEAST QUAD					
EAST LEG	40	10	8	40	8
SOUTH LEG	56	10	8	56	8
NORTHEAST QUAD					
EAST LEG	72	10	8	72	8
NORTH LEG	112	10	8	112	8
SOUTHWEST QUAD					
WEST LEG	35	10	8	35	8
SOUTH LEG	28	10	8	28	8
NORTHWEST QUAD					
WEST LEG	32	10	8	32	8
NORTH LEG	32	10	8	32	8
<b>FIRST ST</b>					
SOUTHEAST QUAD	48	10	8	48	8
NORTHEAST QUAD	40	10	8	40	8
SOUTHWEST QUAD	30	10	8	30	8
NORTHWEST QUAD	35	10	8	35	8
<b>SECOND ST</b>					
SOUTHEAST QUAD	20	10	8	20	8
NORTHEAST QUAD	32	10	8	32	8
SOUTHWEST QUAD	28	10	8	28	8
NORTHWEST QUAD	32	10	8	32	8
<b>THIRD ST</b>					
SOUTHEAST QUAD	56	10	8	56	8
NORTHEAST QUAD	160	10	8	160	8
SOUTHWEST QUAD	52	10	8	52	8
NORTHWEST QUAD					
NORTH LEG	36	10	8	36	8
WEST LEG	42	10	8	42	8
<b>FOURTH ST</b>					
SOUTHEAST QUAD	78	10	8	78	8
SOUTHWEST QUAD	111	10	8	111	8
NORTHWEST QUAD	NA				
<b>FIFTH ST</b>					
SOUTHEAST QUAD	35	10	8	35	8
NORTHEAST QUAD	24	10	8	24	8
	1402	280	224	1402	224



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

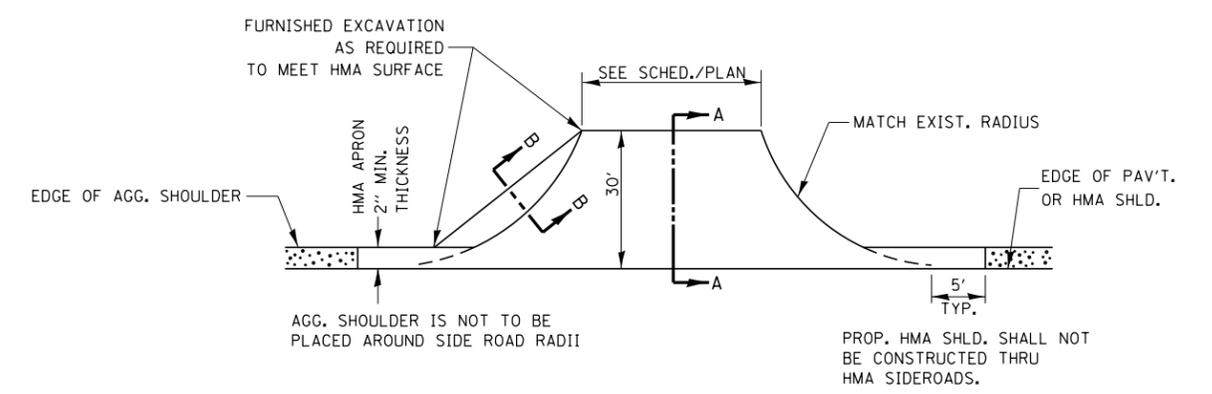


**SECTION B-B**

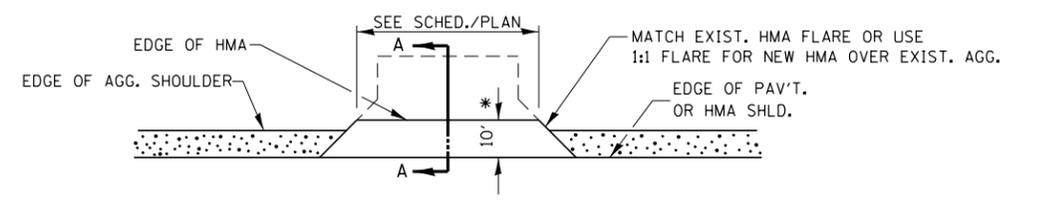


**DETAIL A**

THE COST OF REMOVAL AT EXISTING HMA OR P.C.C. 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.

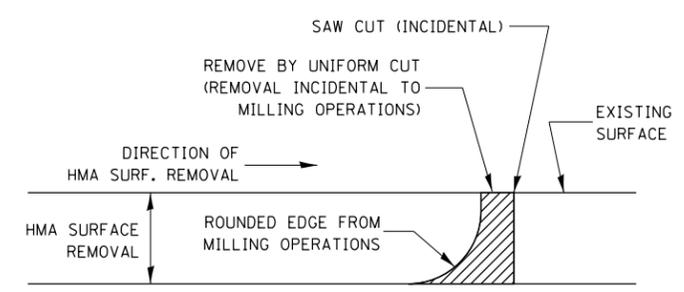


**PLAN AT SIDE ROADS**



**PLAN AT PRIVATE & COMMERCIAL ENTRANCES**

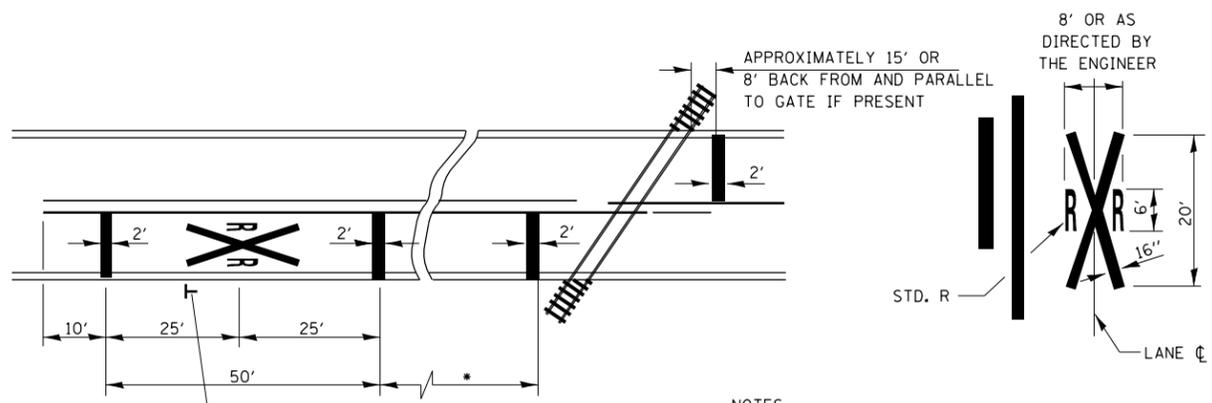
(DO NOT RESURFACE FIELD ENTRANCES)



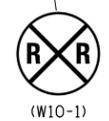
NOTE:  
WHEN MILLING OPERATIONS PRODUCE A ROUNDED EDGE, THEN A SAW CUT SHALL BE USED TO MANUFACTURE A PERPENDICULAR EDGE AS SHOWN IN THE DETAIL. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE USE OF THIS DETAIL.

**HMA DETAIL AT BUTT JOINTS**

FILE NAME =	USER NAME = carpenterdj	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETAILS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ei:\pw\work\p\idot\carpenterdj\d0119037\0366429-details.dgn		DRAWN -	REVISED -		840	(140)RS-7 & (141)RS-4	KANKAKEE	13	10			
\$MODELNAME\$	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 66429							
	PLOT DATE = 6/11/2014	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT

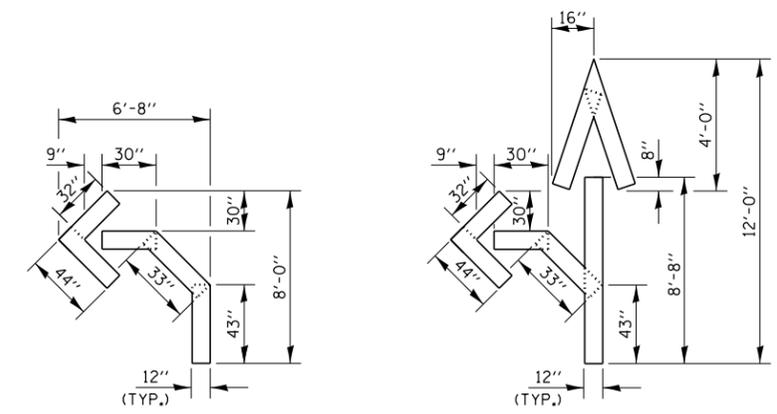


**PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING**



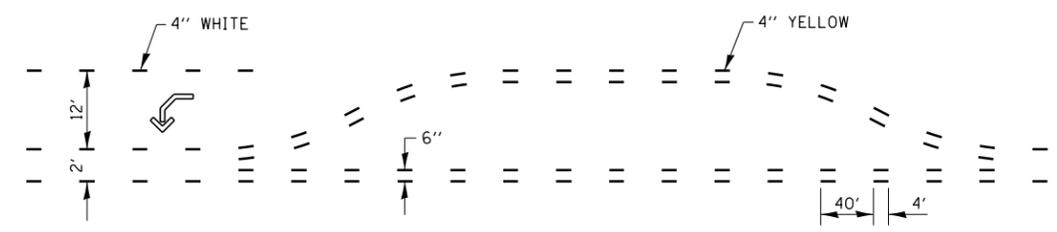
\* MINIMUM DISTANCE  
400' FOR 55 MPH  
250' FOR 45 MPH  
100' FOR 35 MPH OR LESS

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).

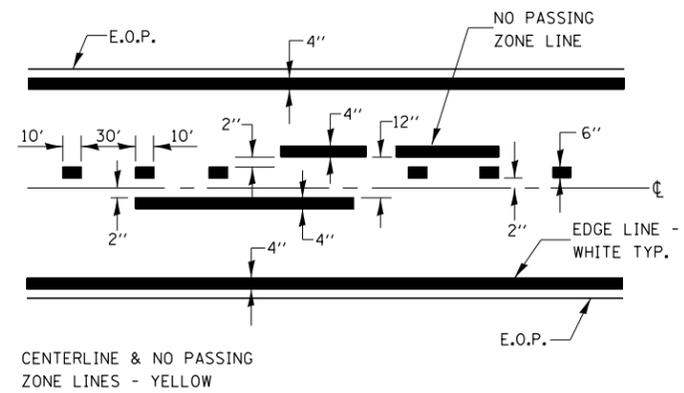


QUANTITY  
12" LINE = 16 LIN. FT.  
OR 4" LINE = 48 LIN. FT.

QUANTITY  
12" LINE = 29 LIN. FT.  
OR 4" LINE = 87 LIN. FT.



**SHORT-TERM PAVEMENT MARKING FOR MEDIANS AND ARROWS**



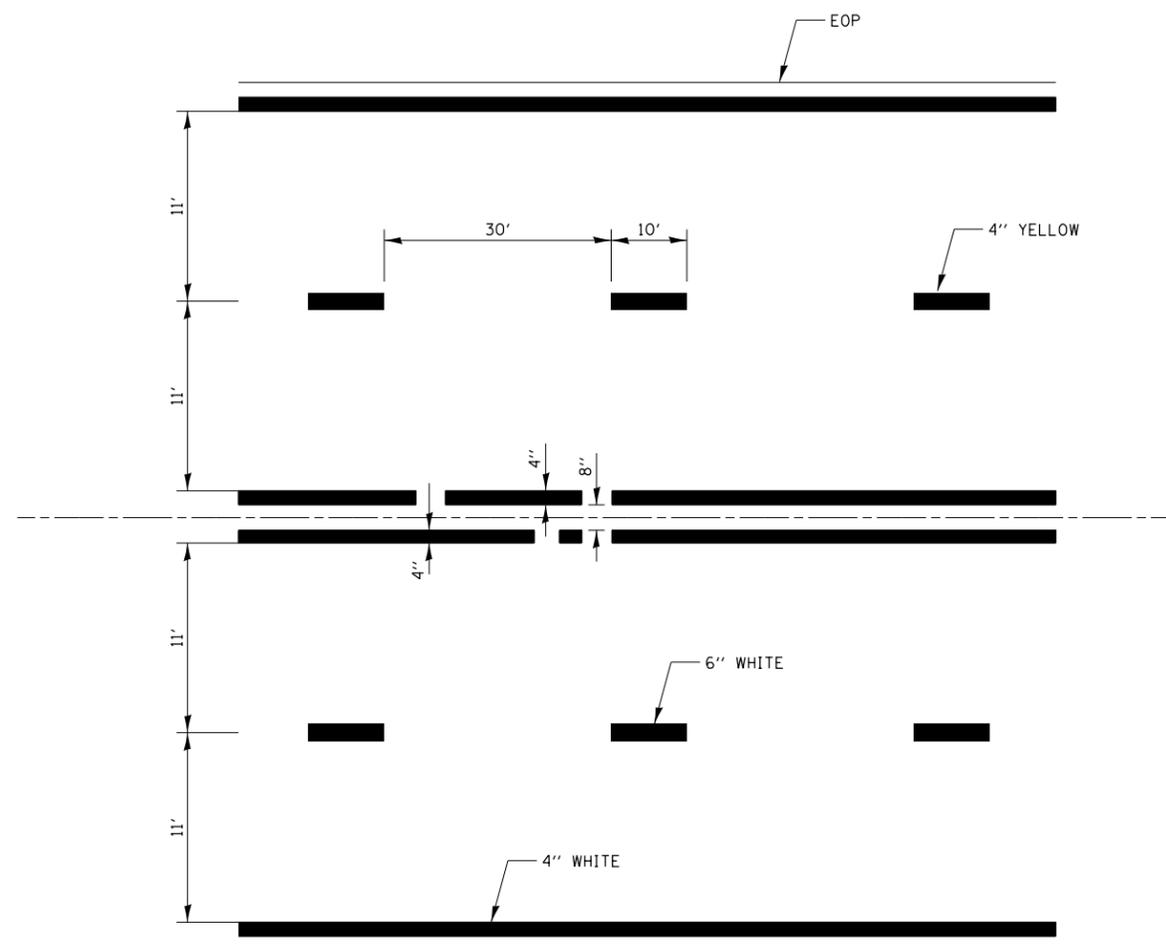
**PAVEMENT MARKING**

FILE NAME =	USER NAME = carpenterdj	DESIGNED -	REVISED -
c:\pwork\work\pwork\carpenterdj\d0119037\0366429-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
*MODELNAME*	PLOT DATE = 6/11/2014	DATE -	REVISED -

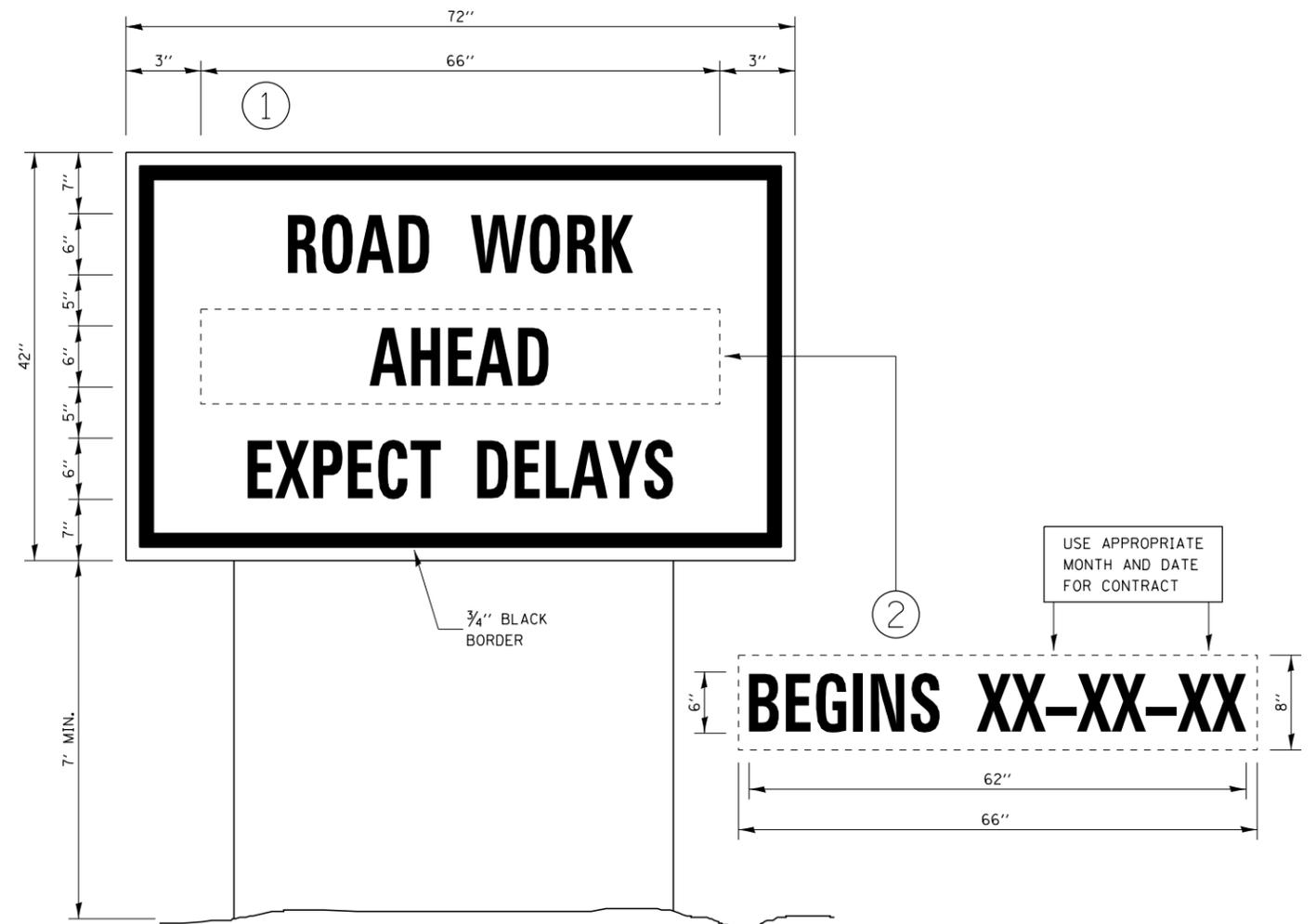
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DETAILS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	(140)RS-7 & (141)RS-4	KANKAKEE	13	11
CONTRACT NO. 66429				
ILLINOIS FED. AID PROJECT				



**PAVEMENT MARKING**

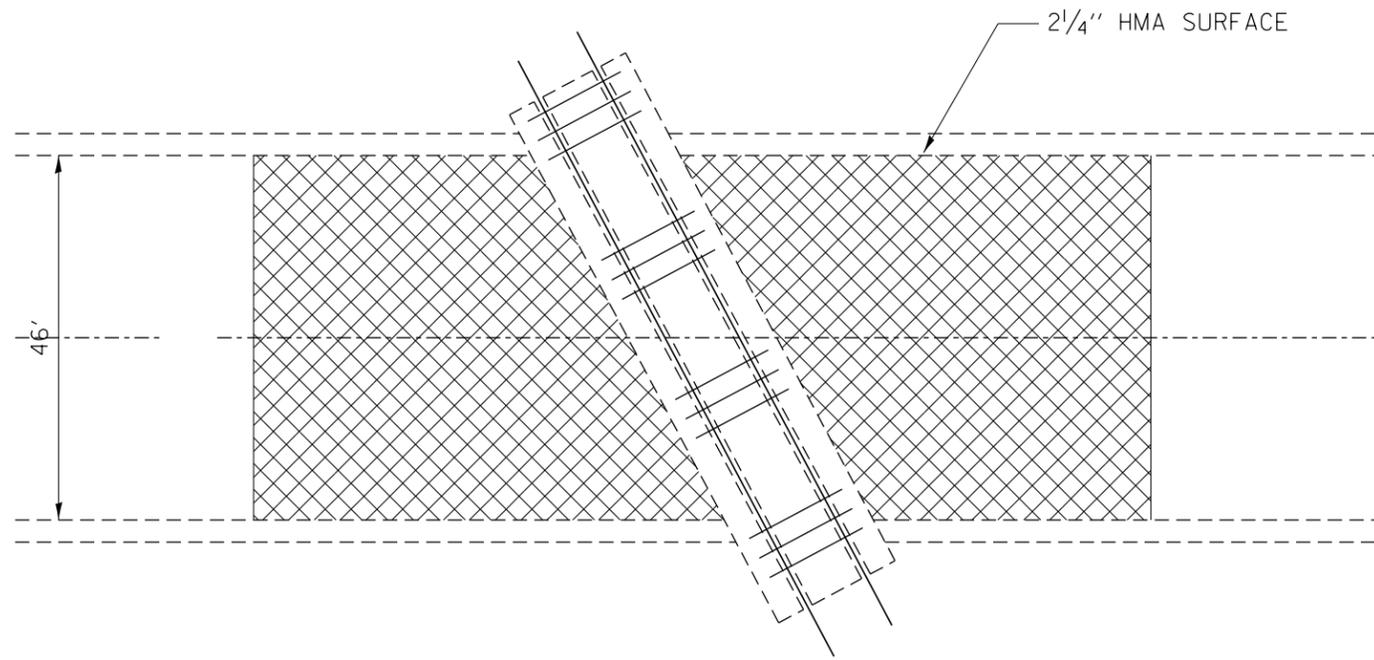


**TEMPORARY INFORMATION SIGNING**

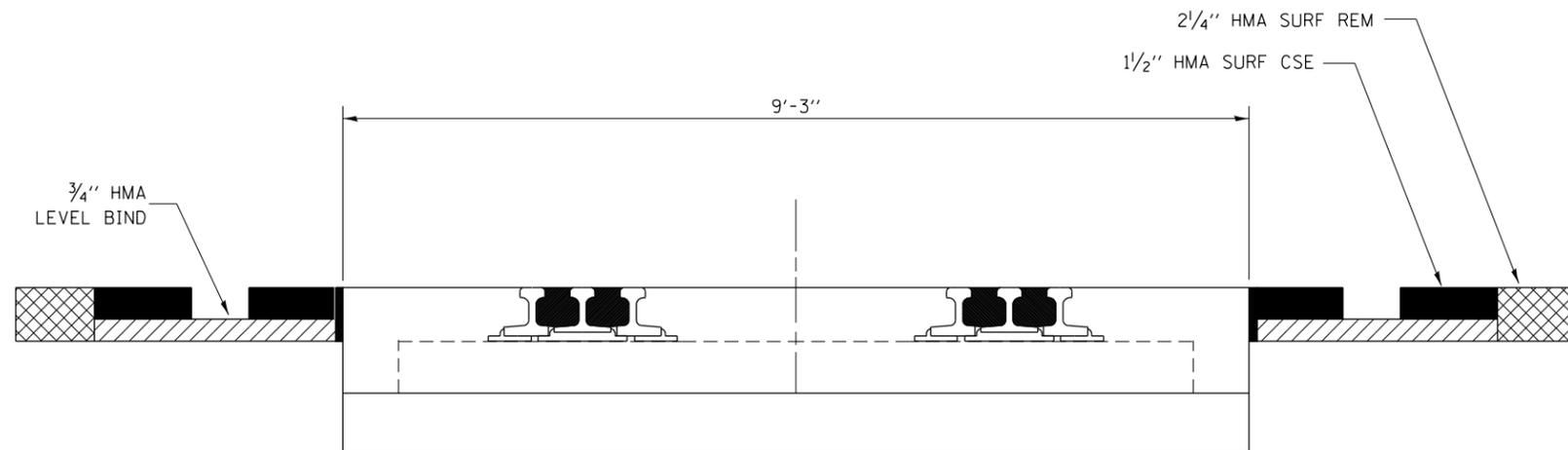
**NOTES:**

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 AND THE DATE PANEL ② WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.

FILE NAME =	USER NAME = carpenterdj	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETAILS</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\pw_work\p1dot\carpenterdj\d0119037\0366429-details.dgn		DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	840	(140)RS-7 & (141)RS-4	KANKAKEE	13 12
*MODELNAME*	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -						CONTRACT NO. 66429					
	PLOT DATE = 6/11/2014	DATE -	REVISED -						ILLINOIS FED. AID PROJECT					



**PLAN AT RAILROAD CROSSING**



FILE NAME =	USER NAME = carpenterdj	DESIGNED -	REVISED -
c:\pwork\work\pwork\carpenterdj\d0119037\0366429-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 6/11/2014	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	(140)RS-7 & (141)RS-4	KANKAKEE	13	13
			CONTRACT NO. 66429	
ILLINOIS FED. AID PROJECT				