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- 3-5 SUMMARY OF QUANTITIES
- 6-8 TYPICAL SECTIONS
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LIST OF ILLINOIS DOT HIGHWAY STANDARDS

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 406201-01 MAILBOX TURNOUT
- 635006-03 REFLECTOR AND TERMINAL MARKER PLACEMENT
- 701106-02 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
- 701306-03 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS \geq 45 MPH
- 701901-03 TRAFFIC CONTROL DEVICES
- 780001-04 TYPICAL PAVEMENT MARKINGS
- 781001-03 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROPOSED
HIGHWAY PLANS

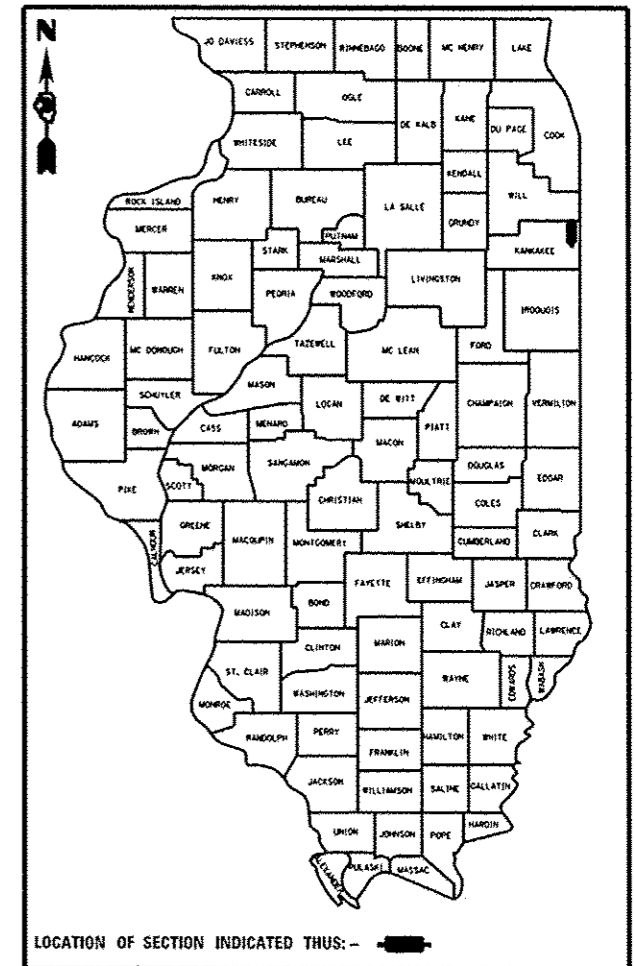
FAP ROUTE 332 (IL 1)
SECTION 7 RS-3

TYPE of IMPROVEMENT – 3P RESURFACING
KANKAKEE COUNTY

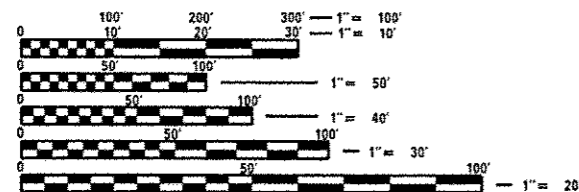
C-93-067-10

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	7 RS-3	KANKAKEE	16	1
		ILLINOIS	CONTRACT NO. 66A04	

D-93-027-10



FUNCTIONAL CLASSIFICATION
OTHER PRINCIPAL ARTERIAL
2013 ADT-4500
PV = 71.9% MU = 23.3% SU = 4.8%

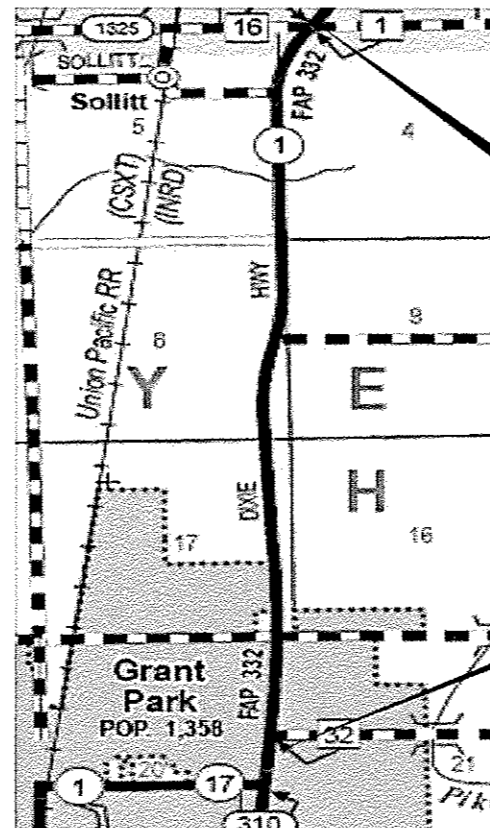


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: CRAIG REED, P.E.
PROJECT MANAGER: PAT BRABOY, P.E.

CONTRACT NO. 66A04



PROJECT BEGINS,
 WILL CO. LINE
 STA. 46+94

PROJECT ENDS, ±630' NORTH
 IL1 / IL17 (EAST) JUNCTION
 STA. 247+24

GROSS LENGTH = NET LENGTH = 20030 FT. = 3.8 MILE

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED June 5, 2014
Paul Loete, P.E.
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

June 27, 2014
John D. Baranzelli, P.E.
 acting ENGINEER OF DESIGN AND ENVIRONMENT

June 27, 2014
Omer Osman, P.E.
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

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.

FOR STABILIZATION, ALL TYPE III BARRICADES WILL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.

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 IDOT 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.

ADDITIONAL LEVELING BINDER, AT THE RATE GIVEN ON THE TYPICAL SECTIONS, HAS BEEN ADDED TO THE QUANTITIES TO CORRECT TO A 3/16"/FT. (1.5%) CROWN ON SECTIONS OF EXISTING ROADWAYS.

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:

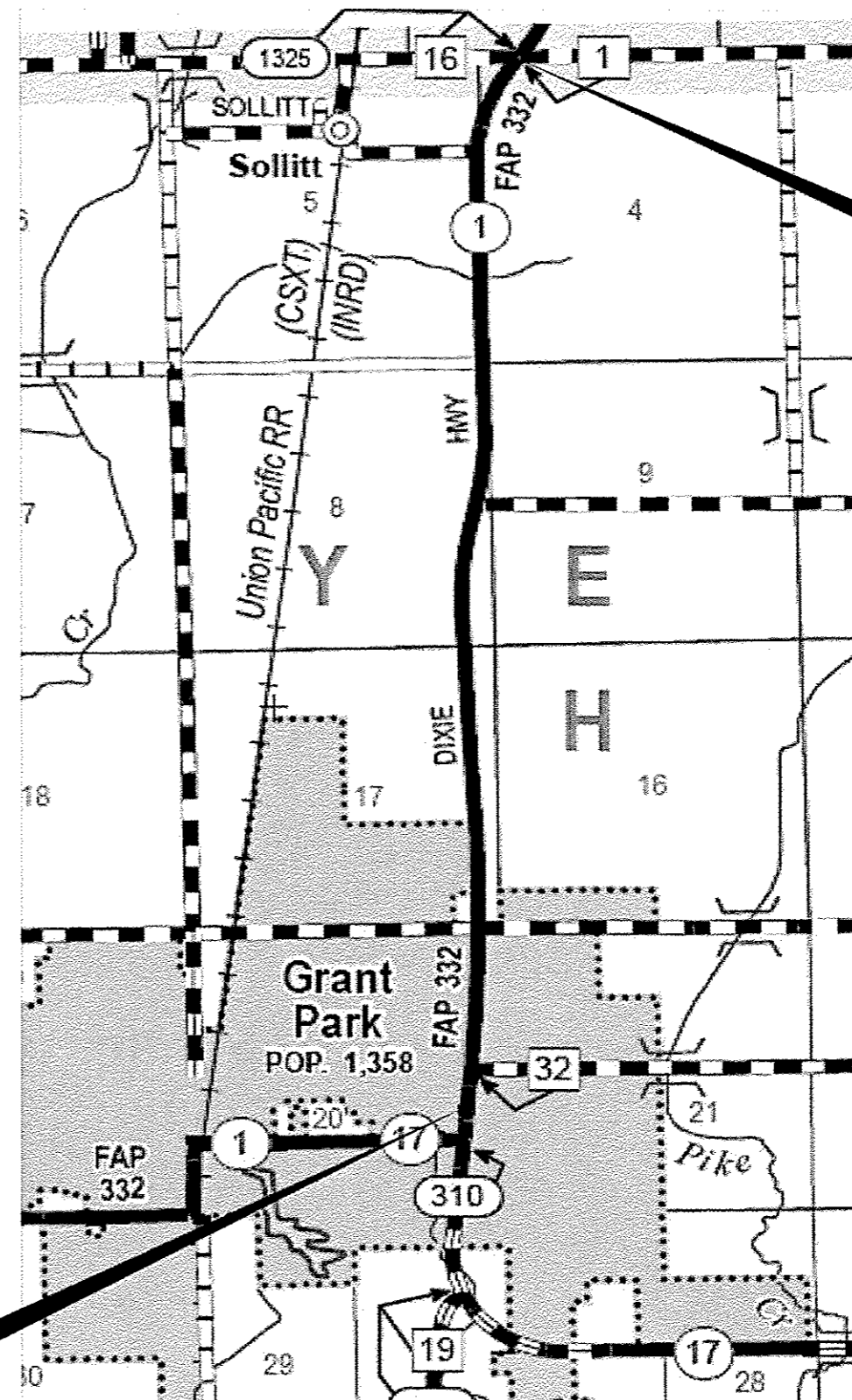
GRANULAR MATERIALS	2.05	TONS / CU YD
HMA RESURFACING	112	LBS / SQ YD / IN
SHORT TERM PAVEMENT MARKING	10	FT / 100 FT OF APPLICATION
MIX FOR CRACKS, JTS & FLGWYS	0.0003	TONS / SQ YD
LEVEL BINDER (HAND METHOD)	0.0005	TONS / SQ YD
SUPPLEMENTAL WATERING	3	GAL / SQ YD / APPLICATION
CALCIUM CHLORIDE	2	LB / SQ YD / APPLICATION
AGGREGATE DITCH CHECKS	5	TONS AGGREGATE

MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

NON-MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

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

COMMITMENT:
ENVIRONMENTAL COORDINATION



PROJECT BEGINS,
WILL CO. LINE
STA. 46+94

PROJECT ENDS, ±630' NORTH
IL1 / IL17 JUNCTION
STA. 247+24

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE

PREPARED BY: *Dan Bevil*
DISTRICT STUDIES & PLANS ENGINEER

DATE: *6-5-14*

EXAMINED BY: *Michael J. [Signature]*
DISTRICT CONSTRUCTION ENGINEER

Wayne L. Phillips
DISTRICT MATERIALS ENGINEER

Bruce A. [Signature]
DISTRICT OPERATIONS ENGINEER

FILE NAME #	USER NAME # USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES & LOCATION	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN -	REVISED -			332	7 RS-3	KANKAKEE	16	2	
		CHECKED -	REVISED -			CONTRACT NO. 66A04					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
				SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.				

CONSTR. CODE

100% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	
				0005	RURAL
20400800	FURNISHED EXCAVATION	CU YD	16	16	
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	21	21	
40600527	LEVELING BINDER (HAND METHOD), IL-9.5FG, N50	TON	35	35	
40600627	LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N50	TON	2962	2962	
40600895	CONSTRUCTING TEST STRIP	EACH	1	1	
40600990	TEMPORARY RAMP	SO YD	169	169	
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	5923	5923	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	130	130	
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SO YD	70517	70517	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	1386	1386	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	1	1	
67100100	MOBILIZATION	L SUM	1	1	
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	13778	13778	

FILE NAME *	USER NAME * #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 66A04 ILLINOIS FED. AID PROJECT				
		DATE -	REVISED -									

CONSTR. CODE

100' / STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY
				0005 RURAL
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	62	62
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	45925	45925
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	4940	4940
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	310	310
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	240	240
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	40	40
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	4588	4588
* 78005100	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	62	62
* 78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	45925	45925
* 78005130	EPOXY PAVEMENT MARKING - LINE 6"	FOOT	4940	4940
* 78005140	EPOXY PAVEMENT MARKING - LINE 8"	FOOT	310	310
* 78005150	EPOXY PAVEMENT MARKING - LINE 12"	FOOT	240	240
* 78005180	EPOXY PAVEMENT MARKING - LINE 24"	FOOT	40	40
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	309	309

* Specialty Items

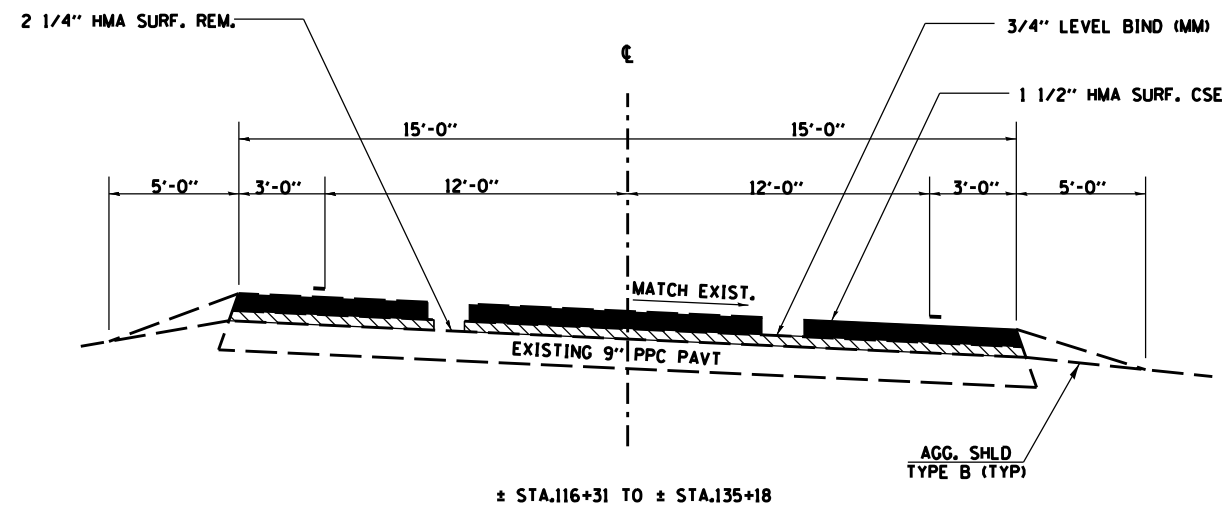
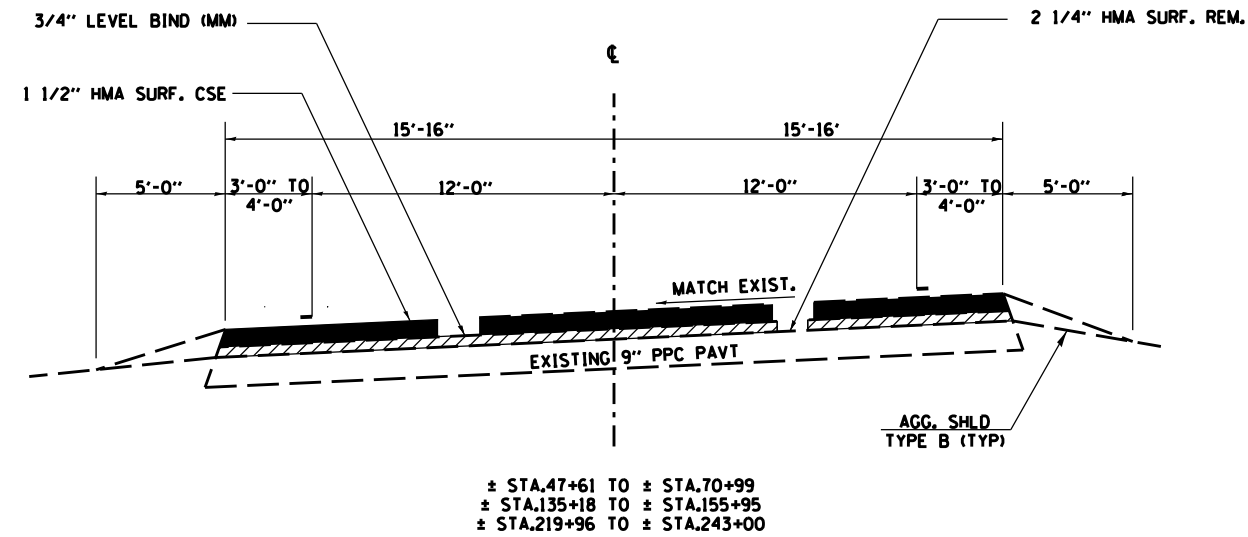
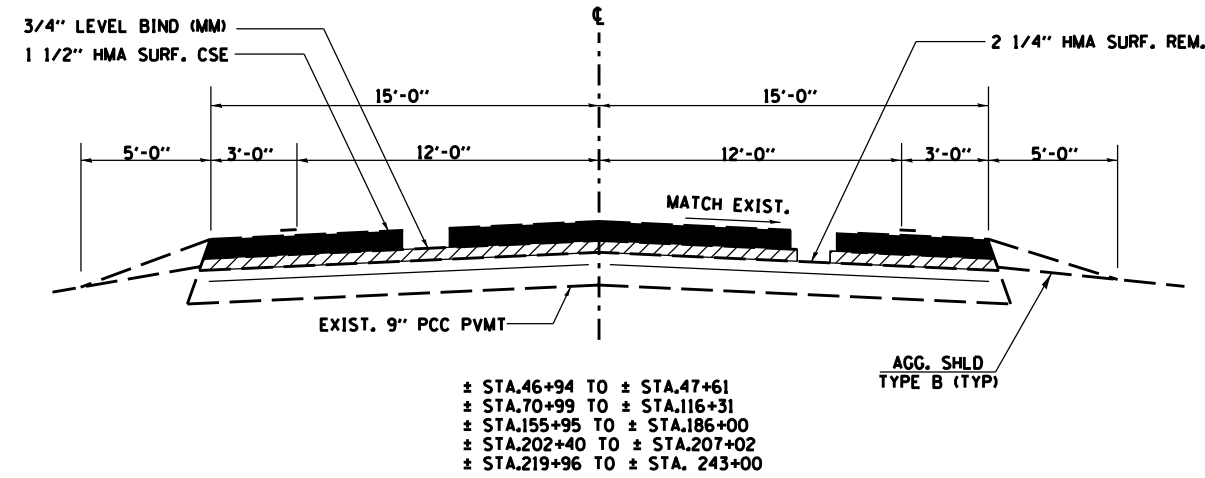
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		DATE -	REVISD -		ILLINOIS FED. AID PROJECT								

CONSTR. CODE

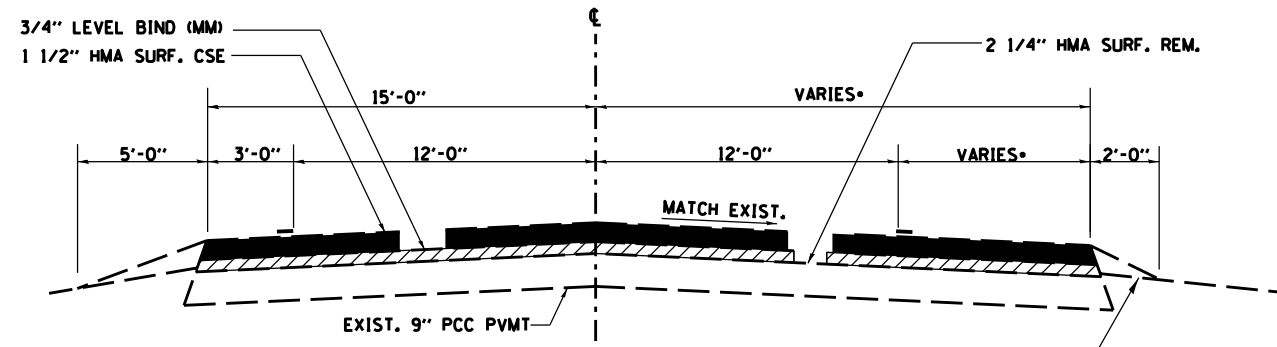
100% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	
				0005	RURAL
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	309	309	
X4060110	BITUMINOUS MATERIALS (PRIME COAT)	POUND	47822	47822	
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SO YD	1033	1033	
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	42	42	
Z0034105	MATERIAL TRANSFER DEVICE	TON	8885	8885	

FILE NAME * #FILE#	USER NAME * #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					352	7 RS-3	KANKAKEE	16	5
		CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 66A04				
		DATE -	REVISED -		ILLINOIS REG. AID PROJECT							

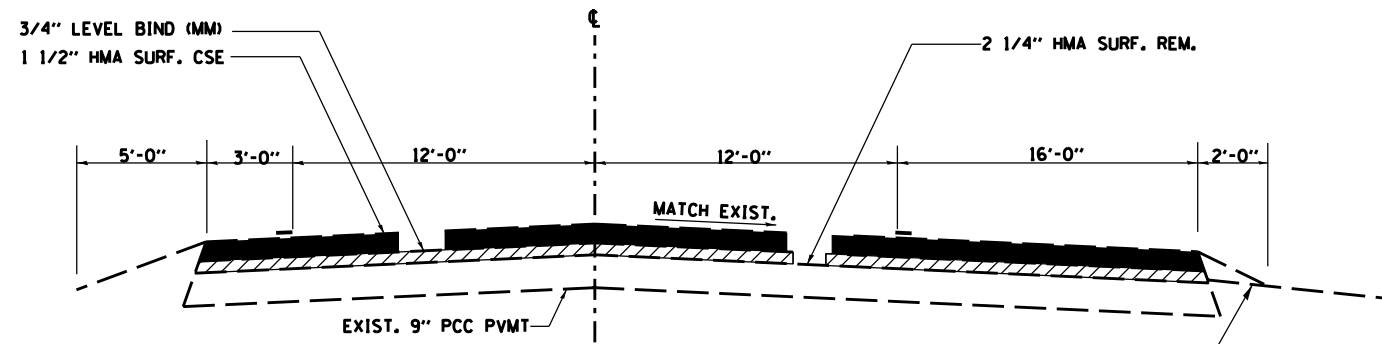


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		CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 66A04				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



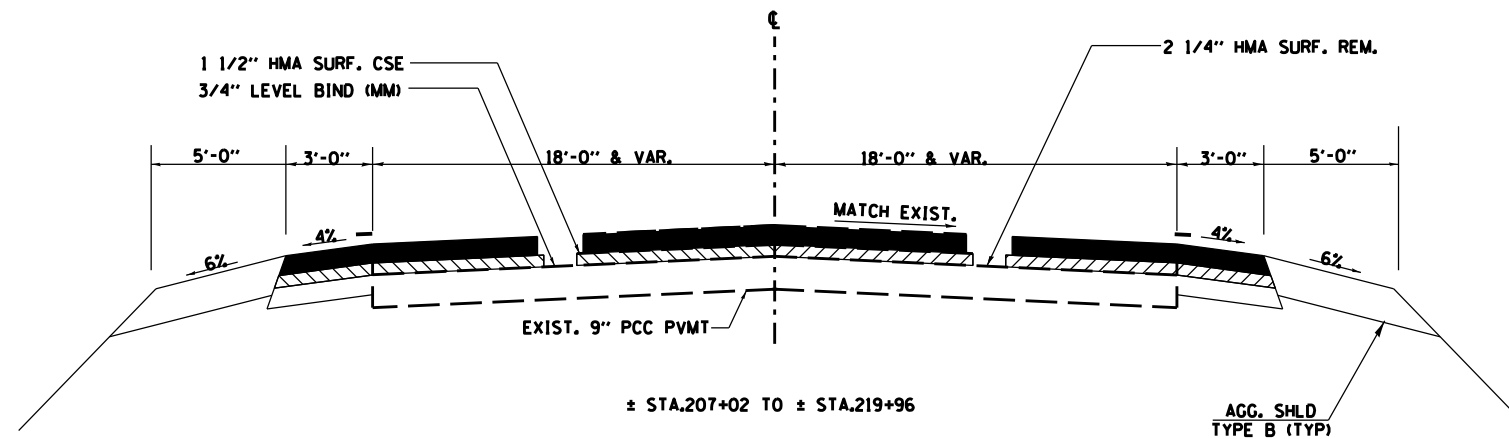
- ± STA.186+00 TO ± STA.189+20 - 3' TO 16"
- ± STA.189+20 TO ± STA.192+65 - 16'
- ± STA.195+75 TO ± STA.199+20 - 16'
- ± STA.199+20 TO ± STA.202+40 - 16' TO 3"

AGG. SHLD
TYPE B (TYP)



- ± STA.192+65 TO ± STA.195+75

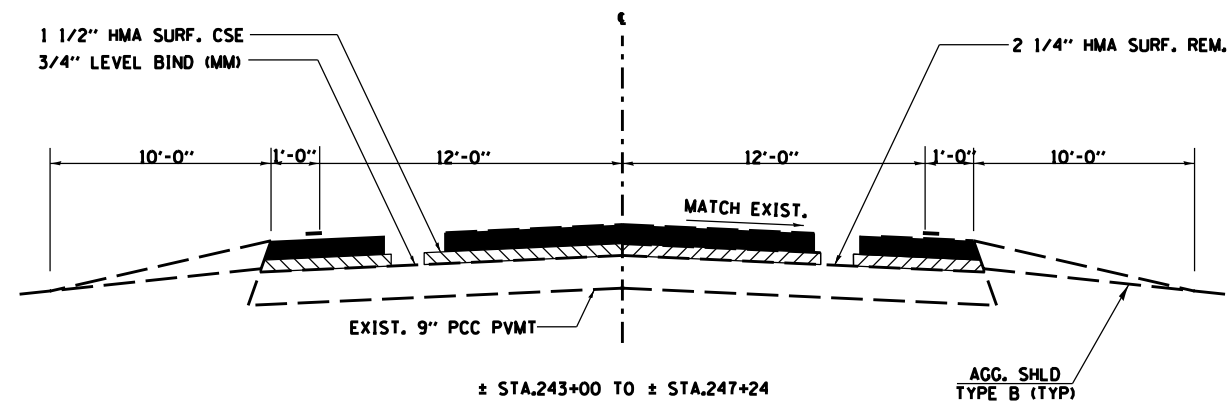
AGG. SHLD
TYPE B (TYP)



- ± STA.207+02 TO ± STA.219+96

AGG. SHLD
TYPE B (TYP)

FILE NAME = *FILEL*	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = *SCALE*	DRAWN -	REVISED -					332	7 RS-3	KANKAKEE	16	7
	PLOT DATE = *DATE*	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 66A04				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



	HMA LEVEL BINDER	HMA SURFACE
PG GRADE**	PG 64-22	PG 64-22
DESIGN AIR Voids	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION	IL 9.5FG	IL 9.5
FRICTION AGGREGATE		MIXTURE C
DENSITY TEST METHODS	COORELATION	COORELATION

MAINLINE SCHEDULE										
STA. TO STA.	LENGTH	WIDTH	HMA SURF CSE	LEVEL BINDER (MM)	LEVEL BINDER (MM)	HMA SURF REM 2 1/4"	MIX FOR JTS. CRACKS & FLGWYS	BIT. MAT'L (PR CT)	AGG. SHLD TYPE B	
	FT	FT	TONS	TONS	TONS	SO YD	TONS	POUND	TON	
46+94	47+61	67	30.0	18.8	9.4	0.1	223.3	0.1	150.8	4.8
47+61	70+99	2338.0	30.0	654.6	327.3	3.9	7793.3	2.3	5260.5	166.4
70+99	116+31	4532.0	30.0	1269.0	634.5	7.6	15106.7	4.5	10197.0	322.6
116+31	135+18	1887.0	30.0	528.4	264.2	3.1	6290.0	1.9	4245.8	134.3
135+18	155+95	2077.0	30.0	581.6	290.8	3.5	6923.3	2.1	4673.3	147.8
155+95	186+00	3005.0	30.0	841.4	420.7	5.0	10016.7	3.0	6761.3	213.9
186+00	192+65	665.0	43.0	266.9	133.4	1.6	3177.2	1.0	2144.6	18.9
192+65	195+75	310.0	35.0	101.3	50.6	0.6	1205.6	0.4	813.8	8.8
195+75	199+20	345.0	43.0	138.5	69.2	0.8	1648.3	0.5	1112.6	9.8
199+20	202+40	320.0	43.0	128.4	64.2	0.8	1528.9	0.5	1032.0	9.1
202+40	207+02	462.0	30.0	129.4	64.7	0.8	1540.0	0.5	1039.5	32.9
207+02	219+96	1294.0	42.0	507.2	253.6	3.0	6038.7	1.8	4076.1	92.1
219+96	243+00	2304.0	30.0	645.1	322.6	3.8	7680.0	2.3	5184.0	164.0
243+00	247+24	424.0	26.0	102.9	51.4	0.6	1224.9	0.4	826.8	60.4
	20030.0	472.0	5913.3	2956.7	35.2	70396.9	21.1	47517.9	1385.9	

PAVEMENT MARKINGS																
LOCATION		EPOXY 4" WHITE	EPOXY 4" YELL	EPOXY 6" YELL	EPOXY 8" WHITE	EPOXY 12" YELL	EPOXY 24" WHITE	EPOXY LTR & SYM.	TEMP MARK 4"	TEMP MARK 6"	TEMP MARK 8"	TEMP MARK 12"	TEMP MARK 24"	TEMP LTR & SYM.	SHORT-TERM MARK.	WORK ZONE PAVT MARK REM.
STA	TO STA	FOOT	FOOT	FOOT	FOOT	FOOT	SO. FT.	SO. FT.	FOOT	FOOT	FOOT	FOOT	FOOT	SO. FT.	FOOT	SO. FT.
46+94	69+43.39	4823.0		610.0					4823.0	610.0					1446.9	481.8
63+32.8	206+92	28718.0		3590.0					28718.0	3590.0					8615.4	2868.9
206+92	220+06	2628.0	4340.0	60	310.0	240.0	40.0	62.4	6968.0	60	310.0	240.0	40.0	62.4	2090.4	696.1
220+06	247+24	5416		680.0					5416.0	680.0					1624.8	541.1
TOTAL		41585.0	4340.0	4940.0	310.0	240.0	40.0	62.4	45925.0	4940.0	310.0	240.0	40.0	62.4	13777.5	4587.9

ENTRANCES										
LOCATION (STATION)	SIDE	TYPE	LIMIT		AREA (SQ YD)	INCIDENTAL HMA SURF (TON)	HMA SURF REM VAR DEPTH (SQ YD)	BIT. MAT'L (PR CT) POUND	TEMP. RAMP (SQ YD)	FURNISHED EXC (CU YD)
			LENGTH	WIDTH						
STA. 46+94	RT	SR	30	24	80.0	10.1	80.0	54.0	8.0	2
STA. 46+94	LT	SR	30	25	83.3	10.5	83.3	56.3	8.3	2
STA. 60+93	RT	PE/MB	10	22	24.4	3.1	24.4	16.5	7.3	
STA. 66+58	RT	SR	30	22.4	74.7	9.4	74.7	50.4	7.5	2
STA. 69+70	LT	PAVED FE	10	20	22.2	2.8	22.2	15.0	6.7	
STA. 93+02	LT	PAVED FE	10	28	31.1	3.9	31.1	21.0	9.3	
STA. 99+63	LT	PE/MB	10	31.5	35.0	4.4	35.0	23.6	10.5	
STA. 106+39	RT	SR	30	31.5	105.0	13.2	105.0	70.9	10.5	2
STA. 133+06	LT	SR	30	31.4	104.7	13.2	104.7	70.7	10.5	2
STA. 156+53	LT	FE	10	26	28.9	3.6	28.9	19.5	8.7	
STA. 159+17	LT	PE	10	33	36.7	4.6	36.7	24.8	11.0	
STA. 163+68	LT	PE/MB	10	17.5	19.4	2.5	19.4	13.1	5.8	
STA. 166+33	LT	PE/MB	10	20	22.2	2.8	22.2	15.0	6.7	
STA. 166+37	RT	PE	10	19.5	21.7	2.7	21.7	14.6	6.5	
STA. 167+88	LT	PE/MB	10	17.2	19.1	2.4	19.1	12.9	5.7	
STA. 178+71	LT	PE/MB	10	20.8	23.1	2.9	23.1	15.6	6.9	
STA. 209+03	LT	PE/MB	10	20	22.2	2.8	22.2	15.0	6.7	
STA. 209+90	RT	PE	10	20	22.2	2.8	22.2	15.0	6.7	
STA. 213+50	RT	SR	30	28	93.3	11.8	93.3	63.0	9.3	2
STA. 213+50	LT	SR	30	28	93.3	11.8	93.3	63.0	9.3	2
STA. 240+24	LT	SR	30	21	70.0	8.8	70.0	47.3	7.0	2
TOTAL					1032.7	130.1	1032.7	697.1	168.9	16.0

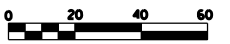
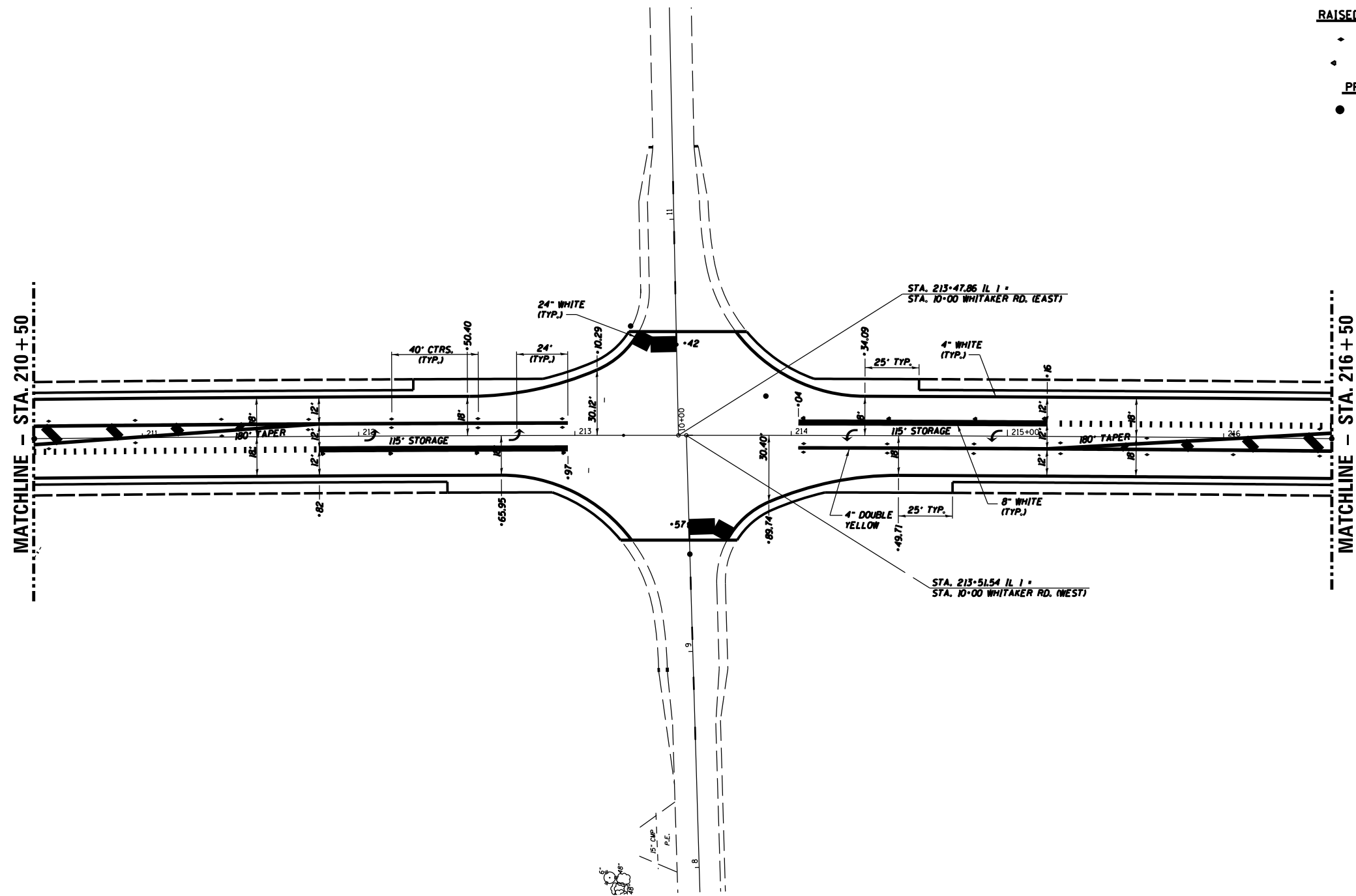
*FURNISHED EXCAVATION SHALL BE SEEDED, MULCHED, AND FERTILIZED. COST TO BE INCLUDED IN FURNISHED EXCAVATION PAY ITEM.

RAISED REFLECTIVE PAVEMENT MARKERS				
LOCATION		RAISED REF PVT MRK REM	RAISED REF PVT MRKS	
STA.	STA.		AMBER (EACH)	CRYSTAL (EACH)
46+94	69+43.39	31	31	
63+32.8	206+92	172	172	
206+92	220+06	72	64	
220+06	247+24	34	34	8
TOTAL		309	301	8

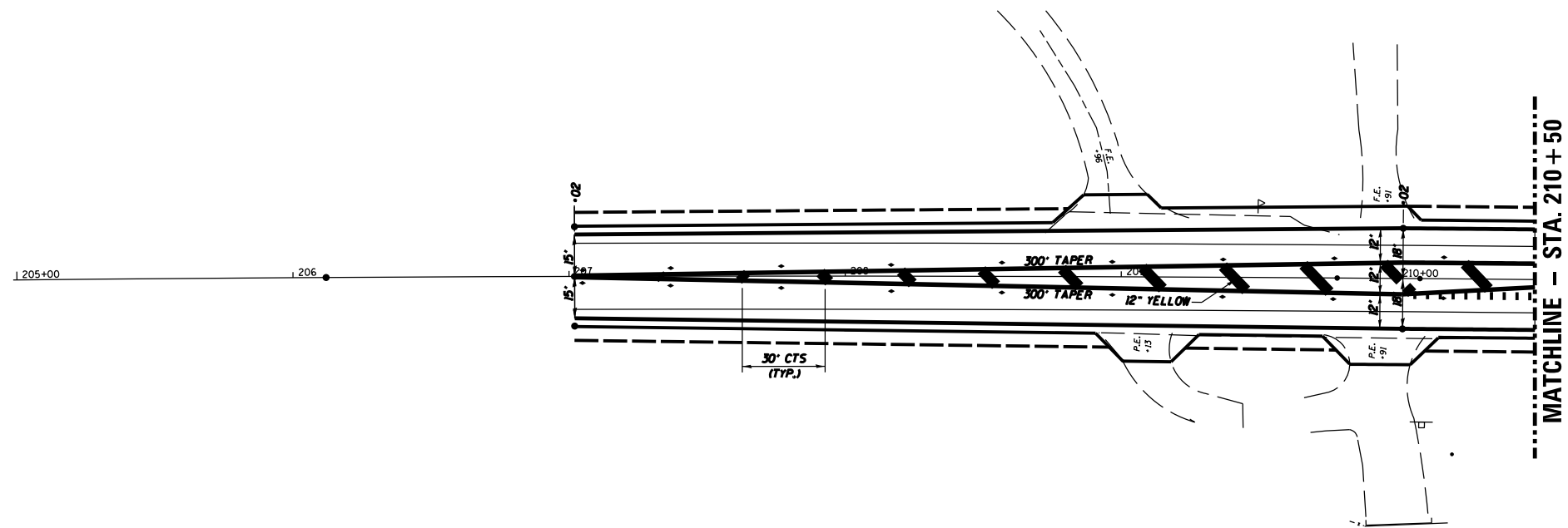


RAISED REFLECTIVE PAVEMENT MARKERS

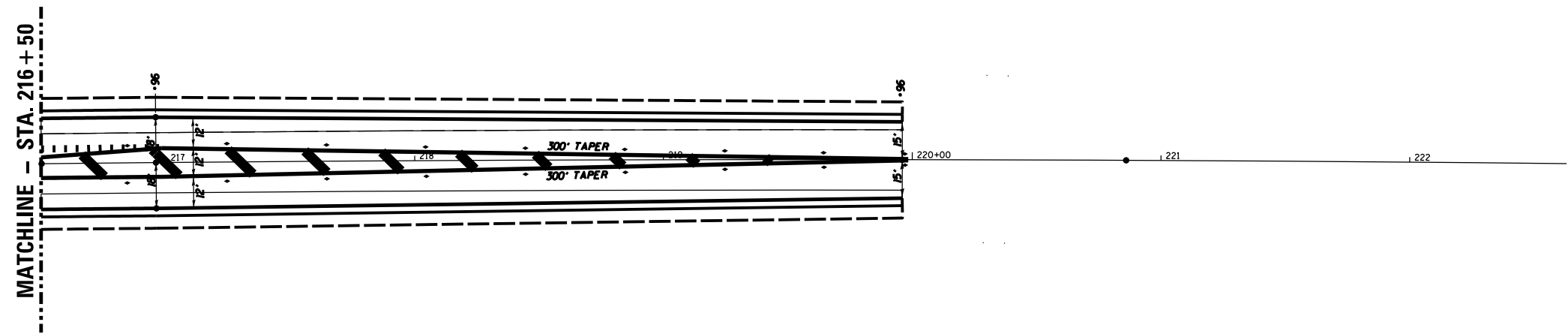
- ◊ TWO-WAY AMBER MAKER
 - ◊ ONE-WAY CRYSTAL MARKER
- PRISMATIC REFLECTOR**
- DOUBLE AMBER MARKER



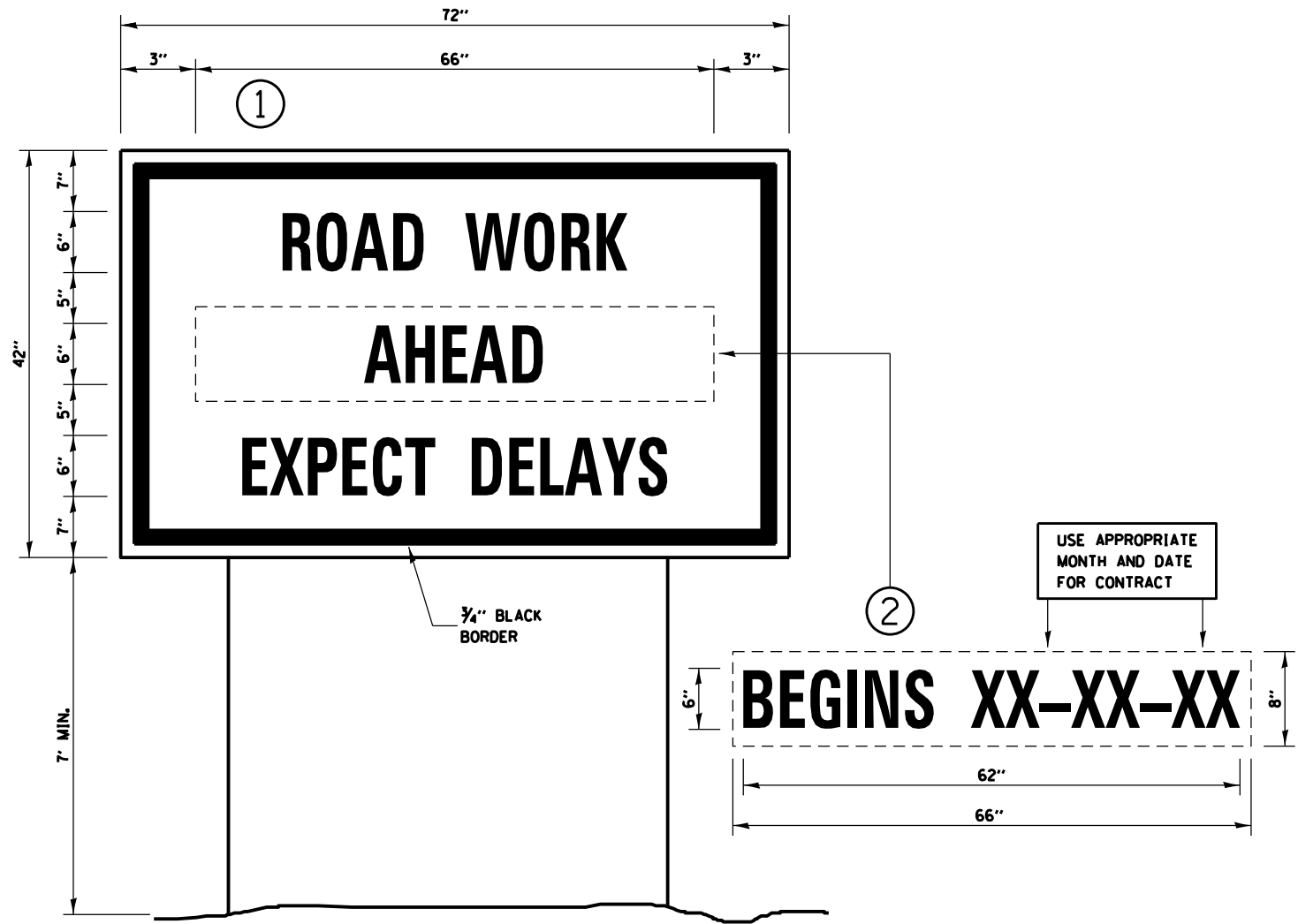
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PLOT DATE = *DATE*	DATE -	REVISED -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 66A04		
										ILLINOIS FED. AID PROJECT		



- RAISED REFLECTIVE PAVEMENT MARKERS**
- ◄ TWO-WAY AMBER MAKER
 - ◄ ONE-WAY CRYSTAL MARKER
- PRISMATIC REFLECTOR**
- DOUBLE AMBER MARKER



FILE NAME = *FILEL*	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS			F.A.P. RTE. 332	SECTION 7 RS-3	COUNTY KANKAKEE	TOTAL SHEETS 16	SHEET NO. 12
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		DATE -	REVISED -									

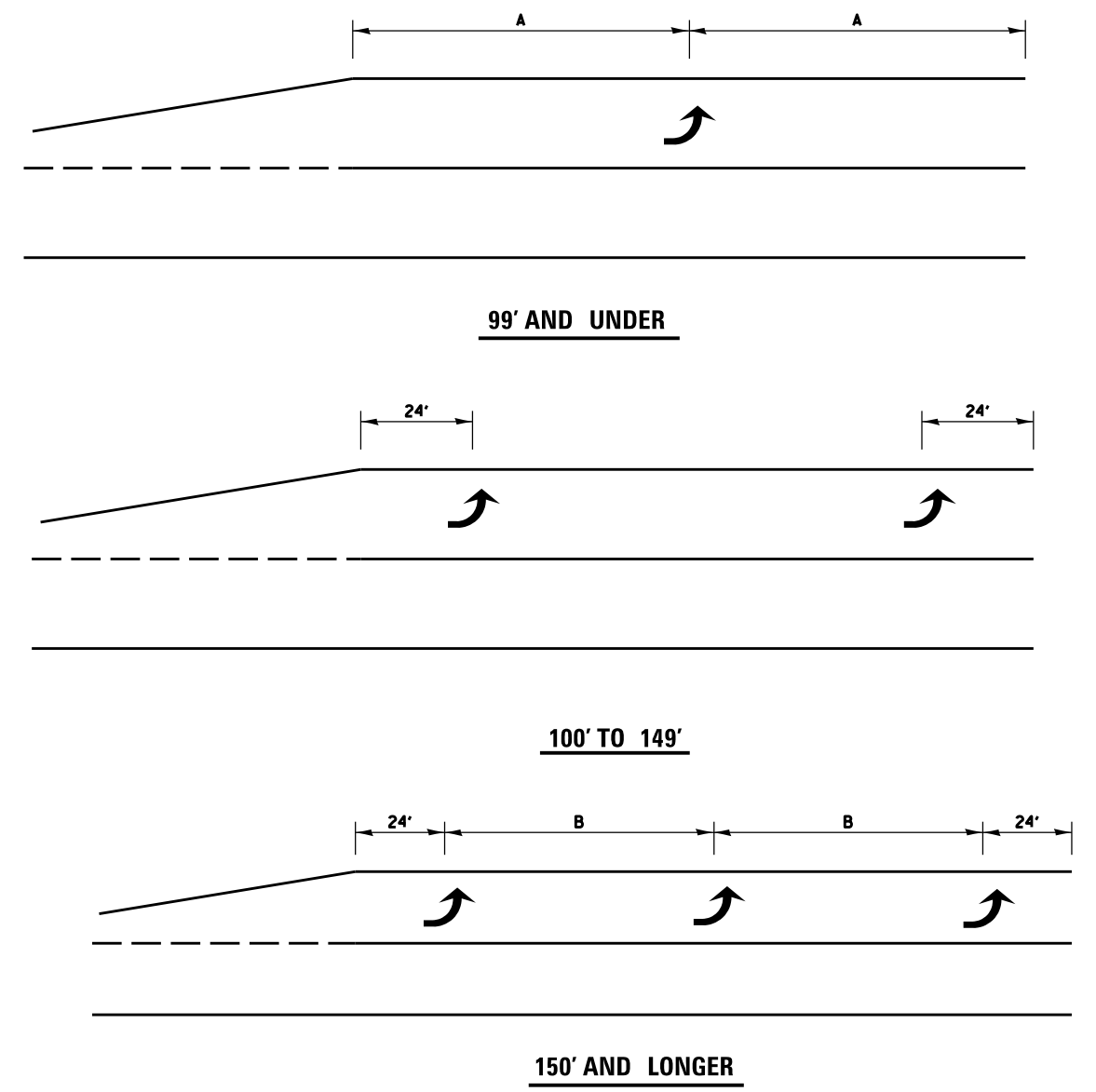


TEMPORARY INFORMATION SIGNING

NOTES:

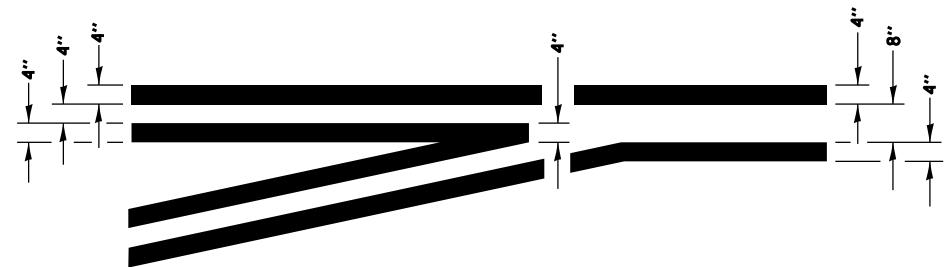
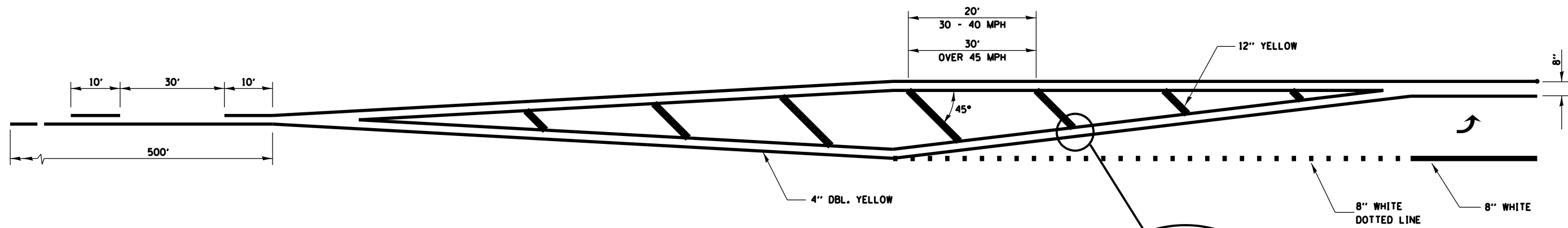
1. USE 6" D BLACK LETTERING ON FLOURESENT ORANGE BACKGROUND.
2. ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② A MINIMUM OF ONE WEEK PRIOR TO THE START OF THE LANE CLOSURE.
4. REMOVE PANEL ② ON THAT DATE.
5. SEE SPECIAL PROVISION "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. WILL BE PAID FOR PER SO FT AS "TEMPORARY INFORMATION SIGNING". EACH SIGN = 21 SO FT AND THE DATE PANEL ② WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.

720-8

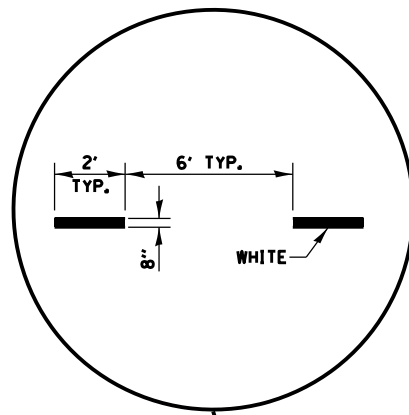
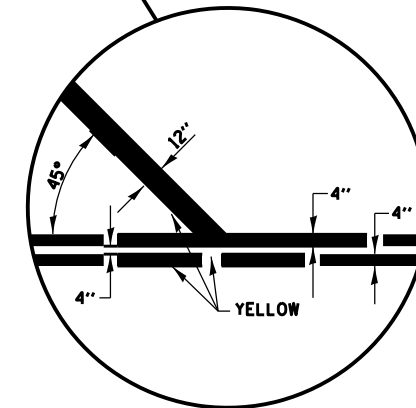


TYPICAL PLACEMENT OF ARROWS IN TURN LANES

FILE NAME =	USER NAME = #USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = #DATE*	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

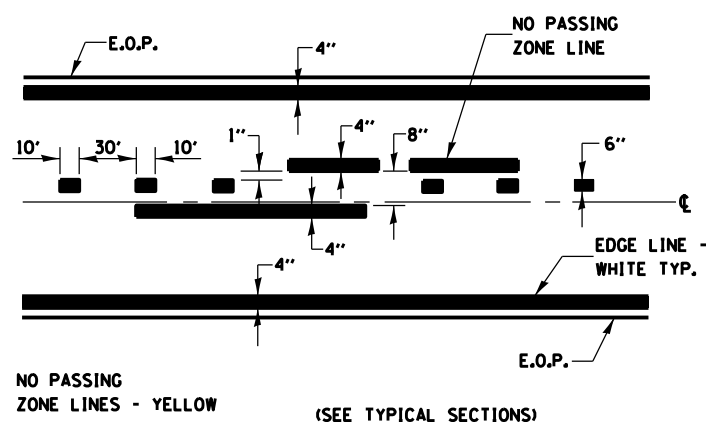


**TYPICAL APPLICATION
LEFT TURN LANES**

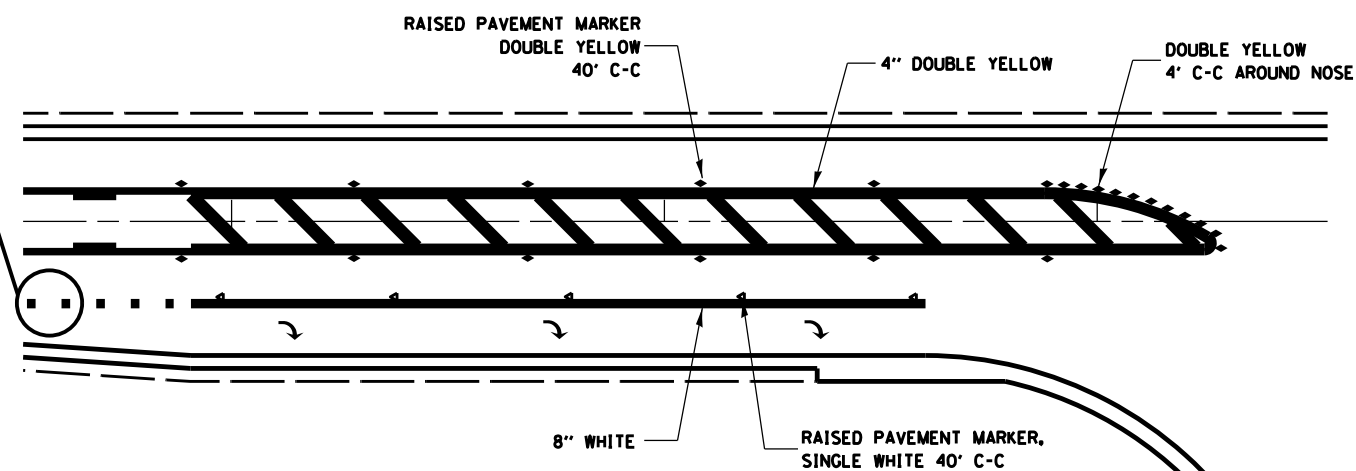


**ADVANCE AND INTERSECTION LANE
DIVIDER LINES**

URBAN PAVEMENT MARKING

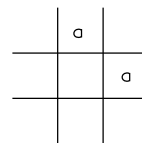
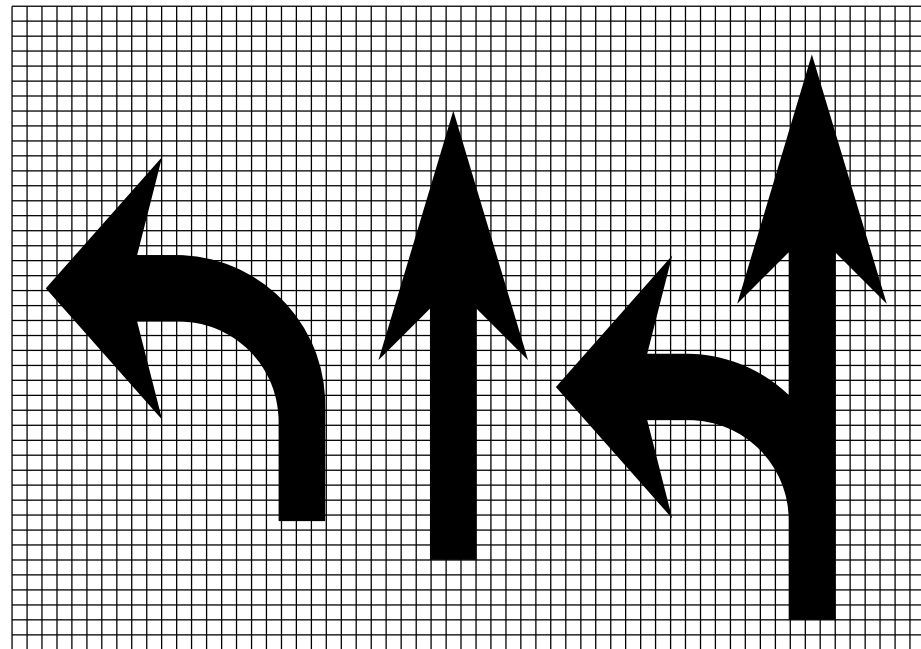


PAVEMENT MARKING



**RAISED REFLECTIVE AND PAVEMENT MARKERS
RIGHT TURN LANE**

FILE NAME = *FILEL*	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					332	7 RS-3	KANKAKEE	16	14
		CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 66A04				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

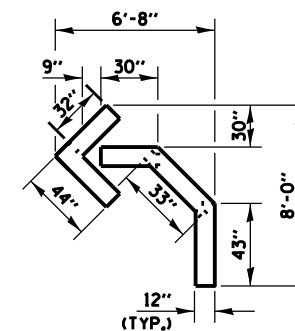


LEGEND HEIGHT	ARROW SIZE	α
6'	SMALL	2.9
8'	LARGE	3.8

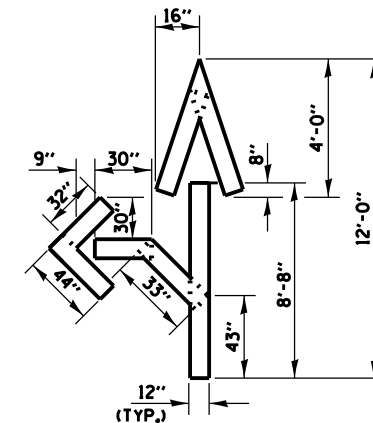
THE SPACE BETWEEN ADJACENT LETTERS OR NUMERALS SHOULD BE APPROXIMATELY 3' FOR 6' LEGEND AND 4' FOR 8' LEGEND.

LETTER AND ARROW GRID SCALE

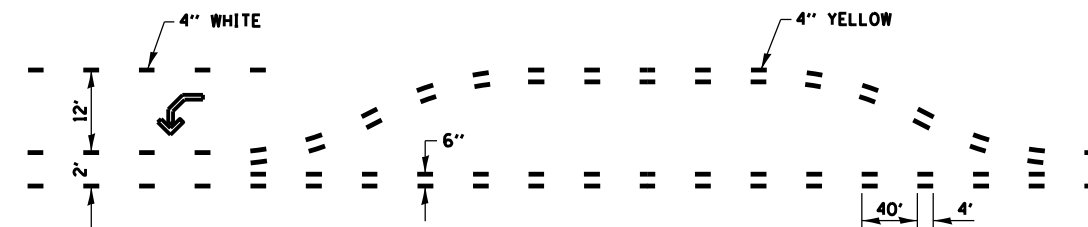
780-20



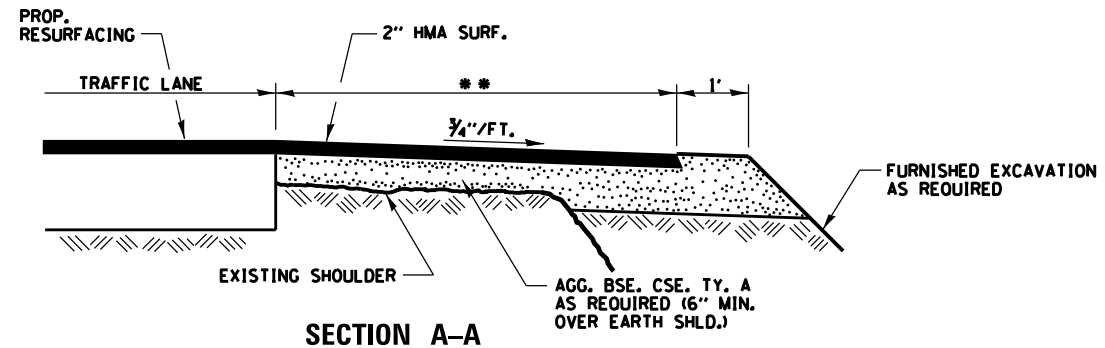
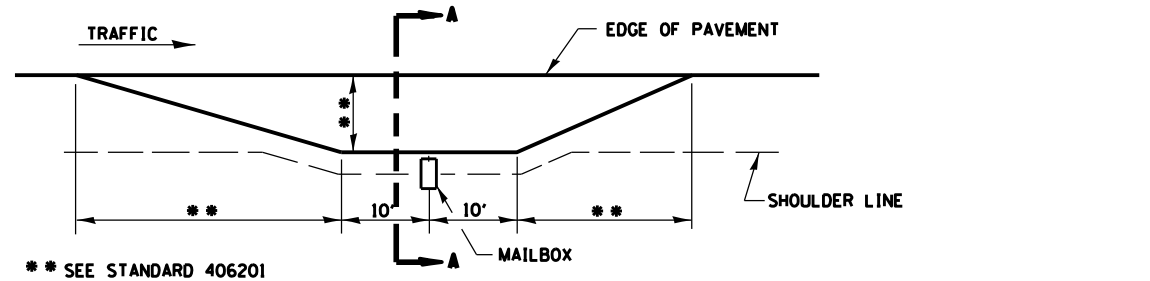
QUANTITY
12" LINE = 16 LIN. FT.
OR 4" LINE = 48 LIN. FT.



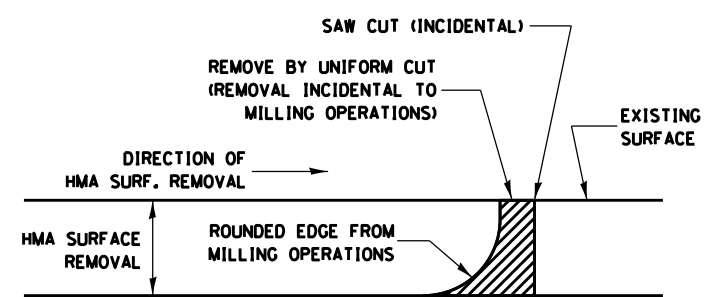
QUANTITY
12" LINE = 29 LIN. FT.
OR 4" LINE = 87 LIN. FT.



SHORT-TERM PAVEMENT MARKING FOR MEDIANS AND ARROWS

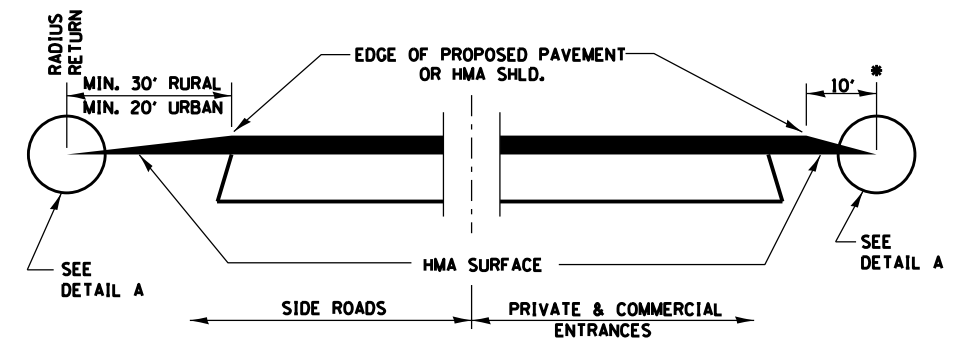


RURAL MAILBOX TURNOUT DETAILS

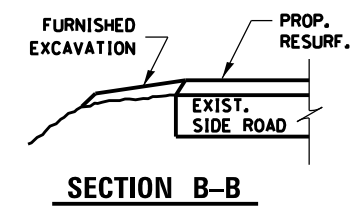


NOTE:
 WHEN MILLING OPERATIONS PRODUCE A ROUNDED EDGE, THEN A SAW CUT SHALL BE USED TO MANUFACTURE A PERPENDICULAR EDGE AS SHOWN IN THE DETAIL. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE USE OF THIS DETAIL

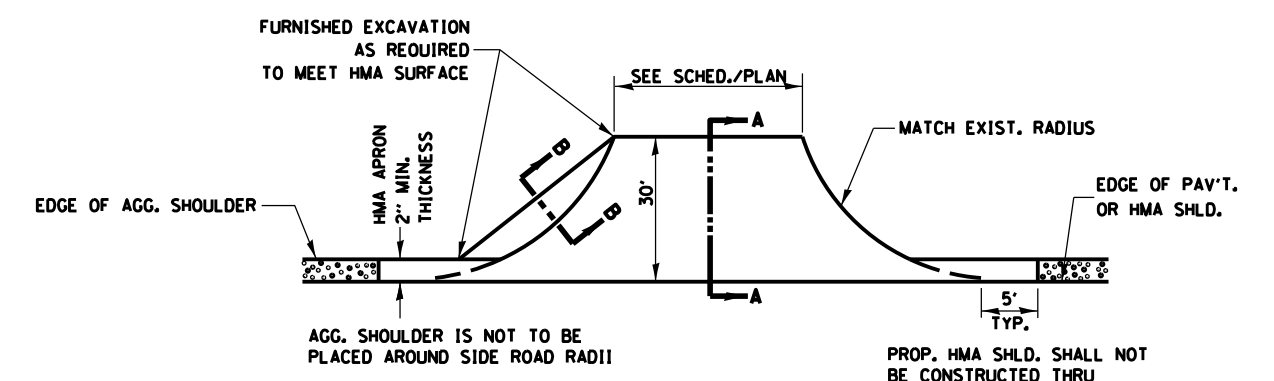
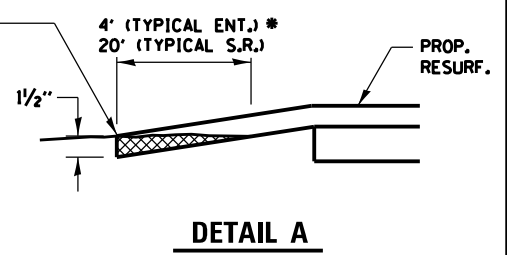
HMA DETAIL AT BUTT JOINTS



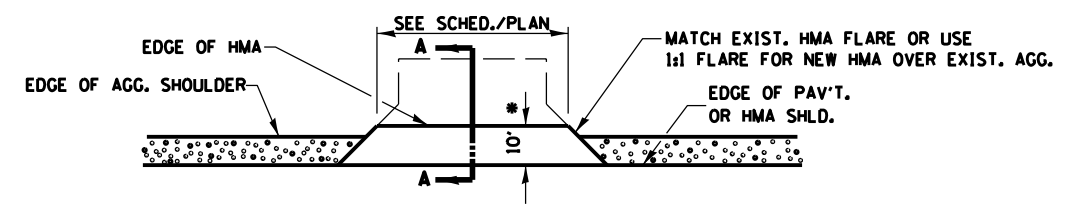
**SECTION A-A
 DETAILS AT ENTRANCES & SIDE ROADS**



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)

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

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
\$FILEL\$		DRAWN -	REVISED -			332	7 RS-3	KANKAKEE	16	16	
	PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -			CONTRACT NO. 66A04					
	PLOT DATE = \$DATE\$	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
				SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.				