

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(3R)RS-2	LASALLE	22	1
		ILLINOIS	CONTRACT NO. 66A06	

INDEX OF SHEETS

- 1 COVER SHEET
- 2 LOCATION MAP AND GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
- 4-6 TYPICAL SECTIONS
- 7 SCHEDULES OF QUANTITIES
- 8-12 PAVEMENT MARKING SHEETS
- 13-19 GENERAL DETAIL SHEETS
- 20-22 DETECTOR LOOPS

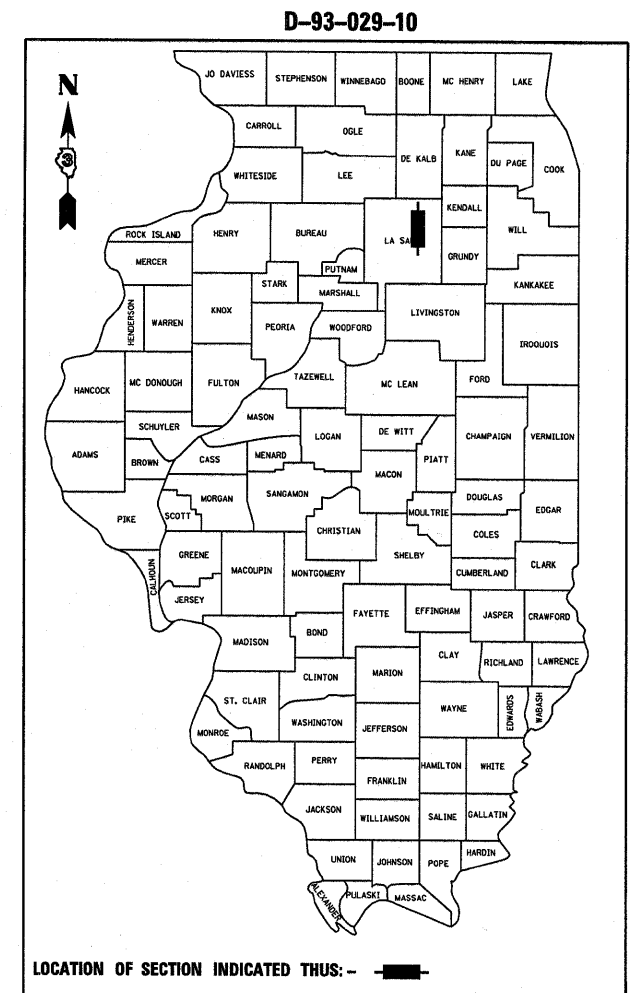
STANDARDS

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 424001-05 CURB RAMPS FOR SIDEWALK
- 606001-04 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 667101-01 PERMANENT SURVEY MARKERS
- 701101-02 OFF-ROAD OPERATIONS MULTILANE, 15' (4.5 m) TO 24' (600 mm) FROM PAVEMENT EDGE
- 701106-02 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
- 701602-05 URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
- 701606-07 URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
- 701701-07 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801-04 LANE CLOSURE, MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
- 701901-01 TRAFFIC CONTROL DEVICES
- 780001-02 TYPICAL PAVEMENT MARKINGS
- 781001-03 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
- 886001-01 DETECTOR LOOP INSTALLATIONS
- 886006-01 TYPICAL LAYOUT FOR DETECTION LOOPS

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

**FAP ROUTE 68 (IL 23)  
SECTION (3R)RS-2  
PROJECT : ACF-0068(110)  
TYPE of IMPROVEMENT 3P RESURFACING  
LASALLE COUNTY**

C-93-069-10



**FUNCTIONAL CLASSIFICATION  
OTHER PRINCIPAL ARTERIAL  
2009 ADT- 21000  
PV = 97.7% MU = .9% SU = 2.1%**

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED 3/16/11 20 11

Eric S. Therkildsen  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May B 20 11  
Scott E. Stitt, P.E.  
ENGINEER OF DESIGN AND ENVIRONMENT

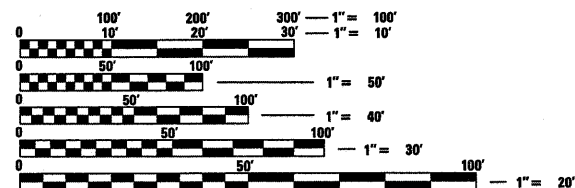
May B 20 11  
Christine M. Reeder  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PROJECT ENDS  
STA 73 + 80**



**PROJECT BEGINS  
STA 20 + 30**

GROSS LENGTH = NET LENGTH = 5350 FT. = 1.01 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 EXCAVATION  
1-800-892-0123  
OR 811

**PROJECT ENGINEER: JOE KANNEL, P.E.  
UNIT CHIEF: PAT BRABOY**

**CONTRACT NO. 66A06**

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OF THE STATE OF ILLINOIS**

**GENERAL NOTES**  
(Revised May 13, 2009)

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.

EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.

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

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

SHORT TERM PAVEMENT MARKING SHALL BE USED TO OUTLINE EXIT AND ENTRANCE RAMP FOR THE PRIME COAT APPLICATION AND EACH RESURFACING LIFT.

FOR NEW CONSTRUCTION, PLACE CURB RAMPS FOR SIDEWALKS (STANDARD 424001) AT ALL LOCATIONS WHERE PROPOSED SIDEWALK ABUTS CURB AT STREET ENTRANCES.

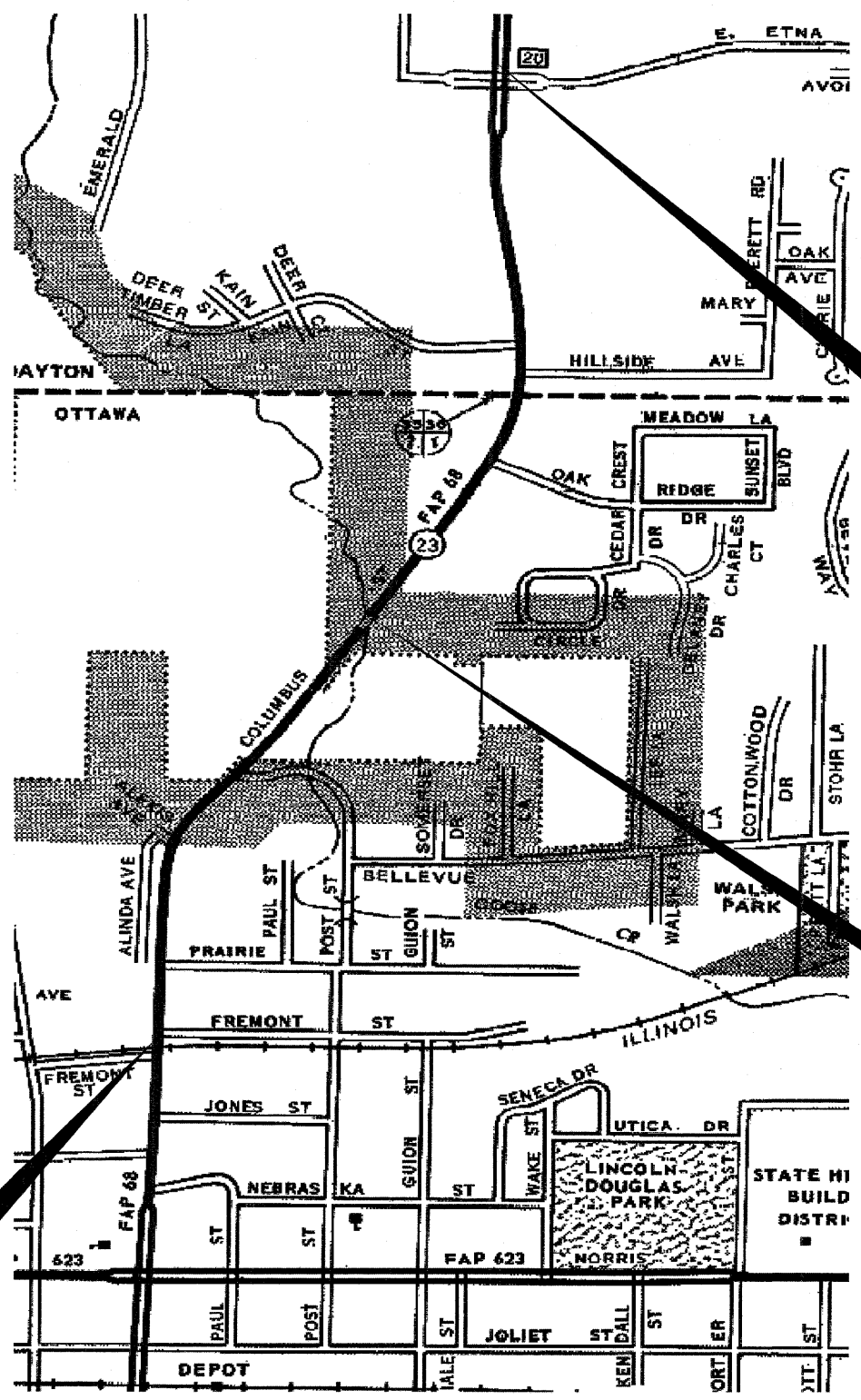
ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.

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

GRANULAR MATERIALS	2.05	TONS / CU YD
BITUMINOUS MATERIALS (PRIME COAT)	0.08	GAL / SQ YD
FOR ADDITIONAL HMA LIFTS "FOG COAT"	0.05	GAL / SQ YD
AGGREGATE PRIME COAT	0.002	TONS / SQ 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

ANY EXCAVATED MATERIAL SHALL REMAIN WITHIN THE PROJECT LIMITS. NO MATERIAL EXCAVATED IS ALLOWED TO LEAVE THE JOB SITE.

COMMITMENT  
ENVIRONMENTAL COORDINATION



**PROJECT BEGINS STA 73+80.6  
NORTH OF ETNA ROAD**

**BOX CULVERT  
SN 050-2010**

**PROJECT BEGINS STA 20+30  
NORTH OF RAILROAD TRACKS  
(EGIN WORK NO CLOSER THAN  
50' FROM RR TRACKS)**

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DISTRICT THREE

PREPARED BY: Don Bonin  
DISTRICT STUDIES & PLANS ENGINEER

DATE: 3-15-11

EXAMINED BY: Herb J...  
DISTRICT CONSTRUCTION ENGINEER

Wayne Phillips  
DISTRICT MATERIALS ENGINEER

Paul...  
DISTRICT OPERATIONS ENGINEER

FILE NAME =	USER NAME = monallyr	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES, LOCATON MAPS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ca:\pwork\pwork\monallyr\d0173840\d36806-sh-t-DETAILS.dgn	PLOT SCALE = 51.3476' / IN.	DRAWN -	REVISED -			68	(3)RIS-2	LASALLE	22	2	
PLOT DATE = Mar 15, 2011 - 10:56:46 AM	DATE -	CHECKED -	REVISED -			SCALE: SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 66A06			
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

80% FED./20% STATE  
URBAN

SUMMARY OF QUANTITIES			
CODE NO.	ITEM	ROADWAY 0005	
		UNIT	TOTAL QUANTITY
25200200	SUPPLEMENTAL WATERING	UNIT	1
25200110	SODDING, SALT TOLERANT	SQ YD	21
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	4748
40600300	AGGREGATE (PRIME COAT)	TON	74
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	11
40600525	LEVELING BINDER (HAND METHOD), N50	TON	18
40600895	CONSTRUCTING TEST STRIP	EACH	1
40600990	TEMPORARY RAMP	SQ YD	55
40603540	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	3065
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	47
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	253
42400800	DETECTABLE WARNINGS	SQ FT	166
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	36487
44000600	SIDEWALK REMOVAL	SQ FT	419
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL M0	2
67100100	MOBILIZATION	L SUM	1
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1

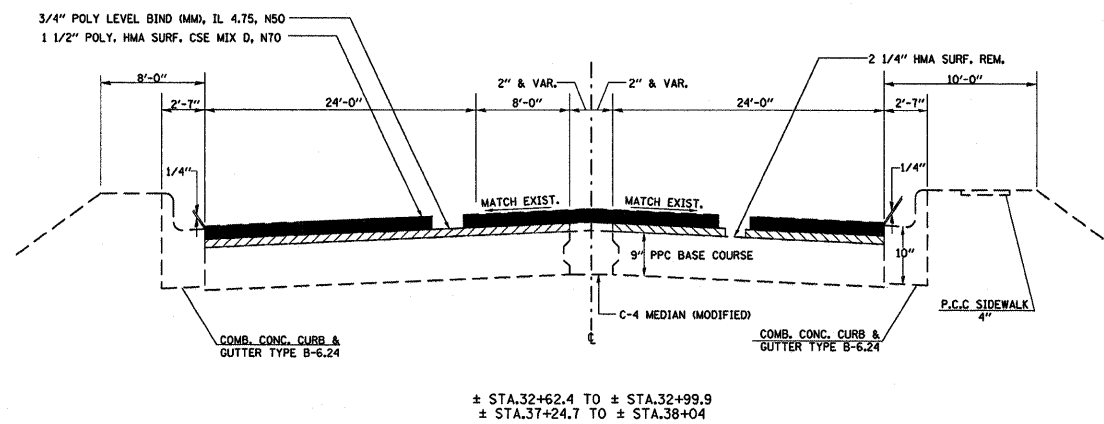
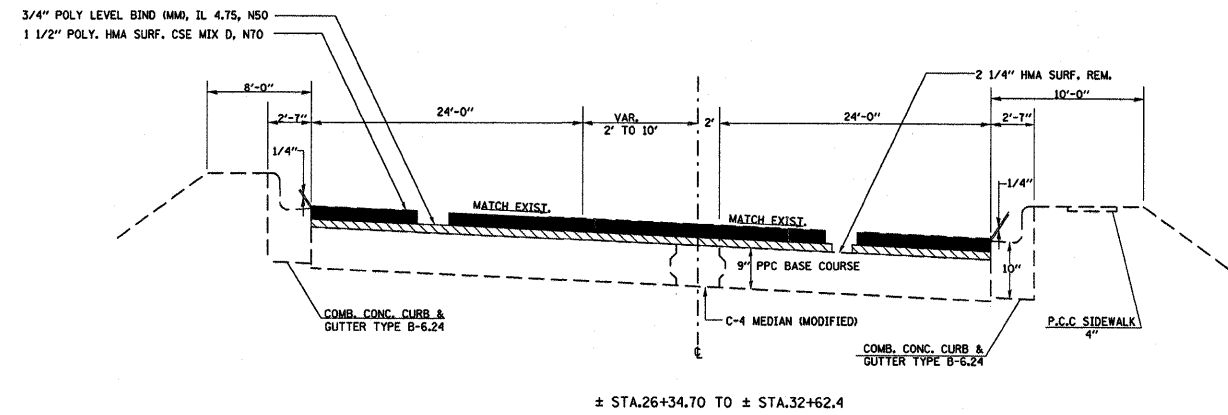
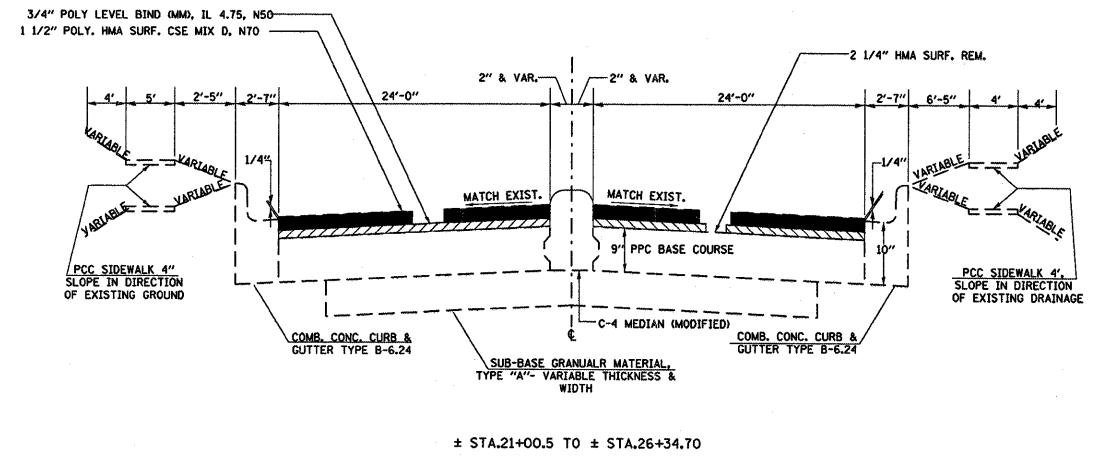
80% FED./20% STATE  
URBAN

SUMMARY OF QUANTITIES			
CODE NO.	ITEM	ROADWAY 0005	
		UNIT	TOTAL QUANTITY
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	1623
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	498
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	26438
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	3364
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	3634
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	2267
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	576
* 70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	179
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	498
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	13219
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	330
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	1817
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1191
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	288
* 78004230	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6"	FOOT	1352
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	305
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	305
* 88600100	DETECTOR LOOP, TYPE I	FOOT	4146
X4060826	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	1532
X4400500	COMBINATION CURB AND GUTTER REMOVAL (SPECIAL)	FOOT	159
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	554
X6061700	COMBINATION CONCRETE CURB AND GUTTER, TYPE B (SPECIAL)	FOOT	159
Z0026346	NIGHTTIME WORK ZONE LIGHTING	L SUM	1
Z0034105	MATERIAL TRANSFER DEVICE	TON	3065

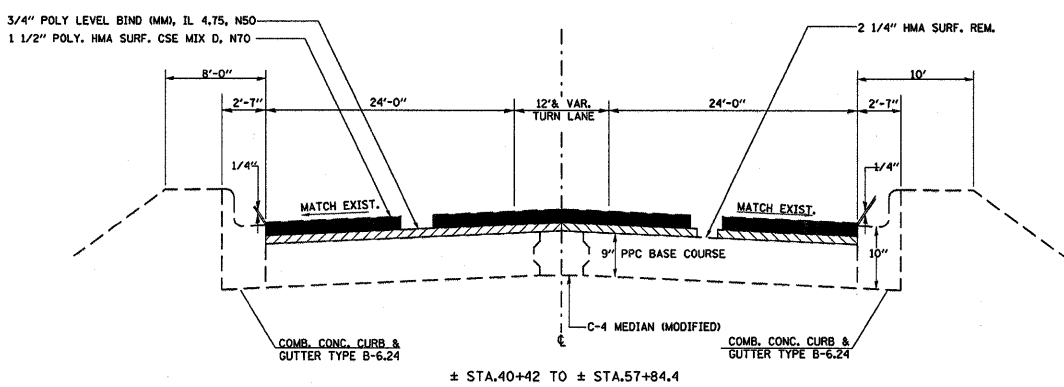
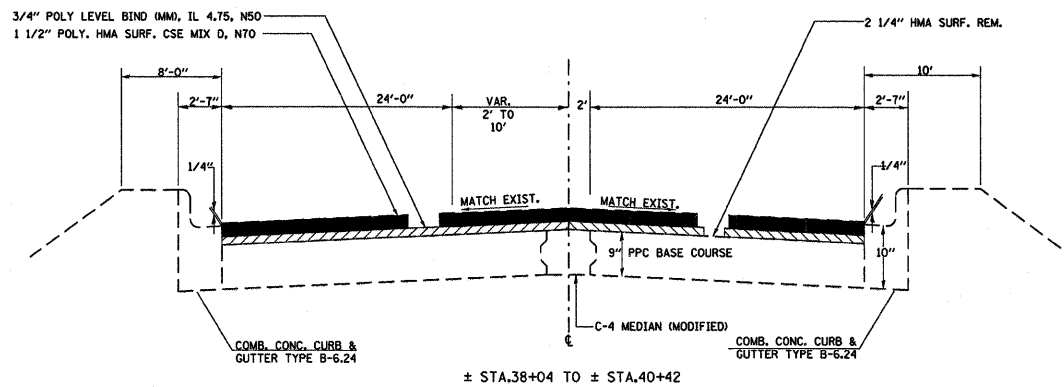
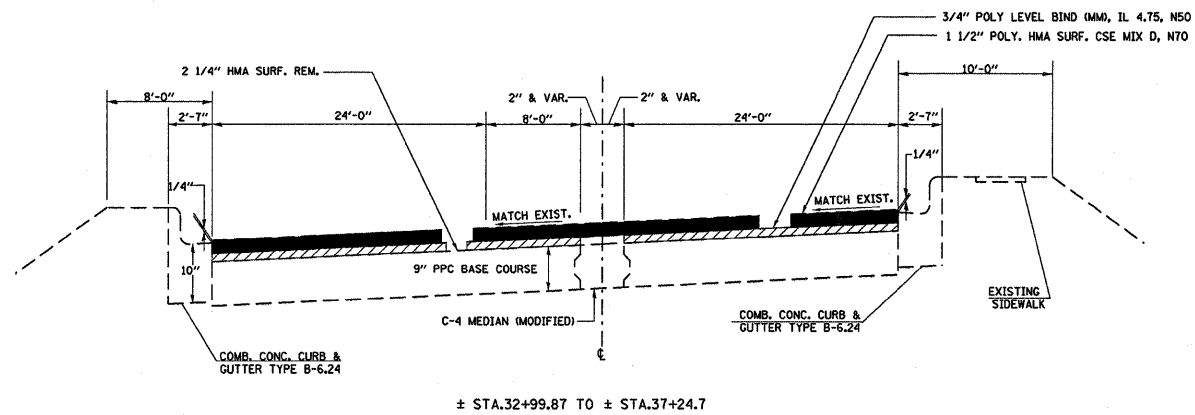
\*SPECIALTY ITEMS

FILE NAME =	USER NAME = monallysr	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.		
ct:\pw\work\pvidot\monallysr\d0173848\d36	6A06-shr-DETAILS.dgn	DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	68	(3)RS-2	LASALLE	22	3
	PLOT SCALE = 51.2449' / IN.	CHECKED -	REVISED -		CONTRACT NO. 66A06										
	PLOT DATE = Mar 15, 2011 - 10:56:21 AM	DATE -	REVISED -		ILLINOIS FED. AID PROJECT										

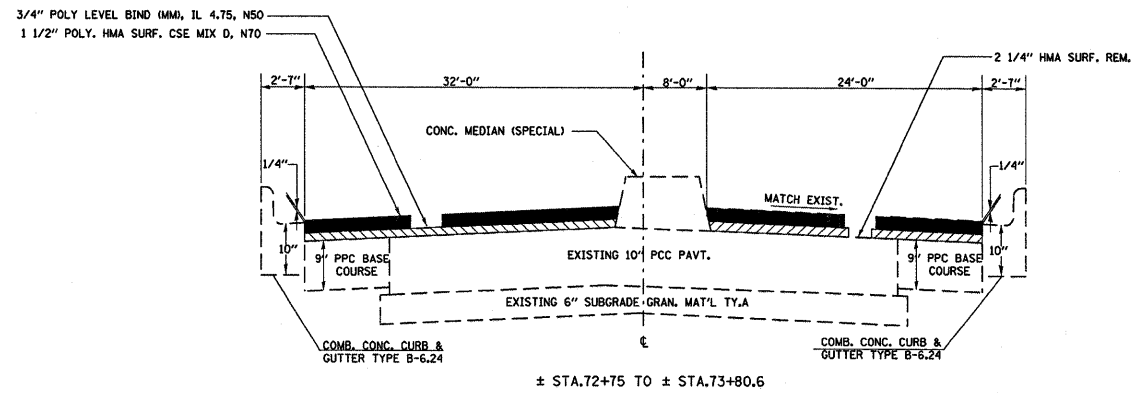
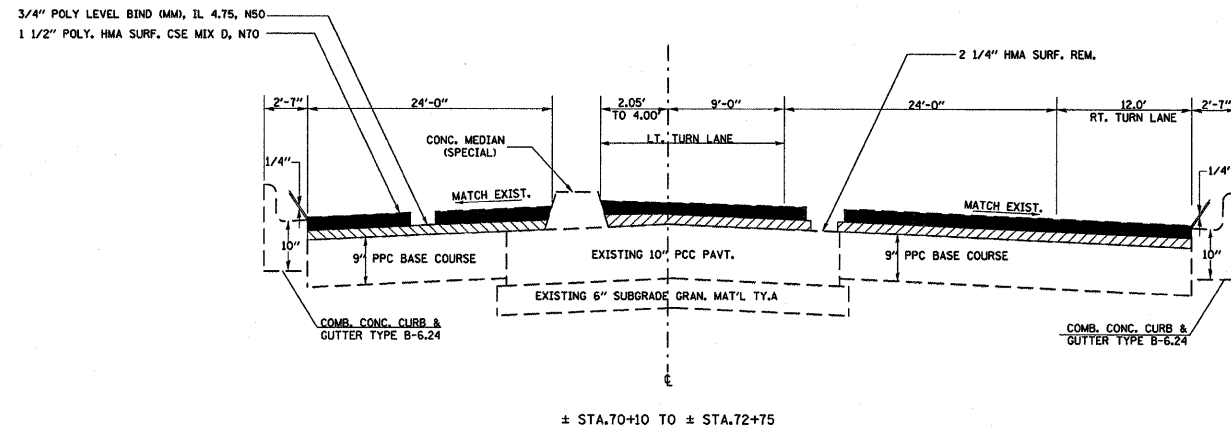
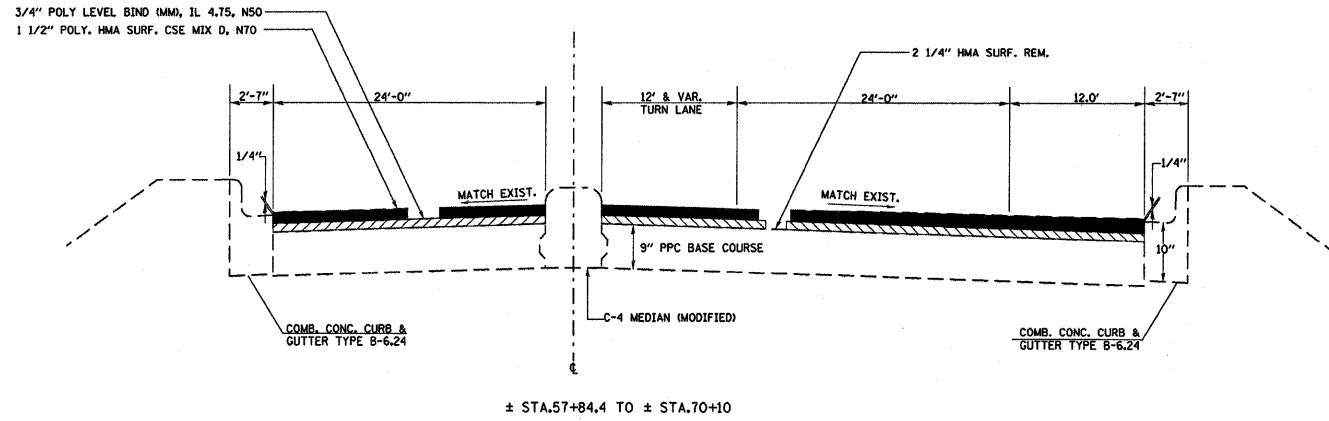
	HMA LEVEL BINDER	HMA SURFACE
PG GRADE	SBS PG 70-22	SBS PG 70-22
DESIGN AIR Voids	4.0% @ N50	4.0% @ N70
MIXTURE COMPOSITION	IL 4.75	IL 9.5
FRICTION AGGREGATE		MIXTURE D
DENSITY CONTROL LIMITS	Cores	CORRELATION/CORES



FILE NAME =	USER NAME = monallgr	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct\pwork\pwork\monallgr\d0173840\d366a06-sht-DETAILS.dgn		DRAWN -	REVISED -		68	(3R)RS-2	LASALLE	22	4			
PLOT SCALE = 51.7636 ' / IN.		CHECKED -	REVISED -		CONTRACT NO. 66A06							
PLOT DATE = Mar 15, 2011 - 10:55:59 AM		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							
				SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.				



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	PLOT SCALE = 5/16" = 1' / IN.	CHECKED -	REVISED -					68	(3R)RS-2	LASALLE	22	5	
	PLOT DATE = Mar 15, 2011 - 10:55:35 AM	DATE -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 66A06		
								ILLINOIS FED. AID PROJECT					



FILE NAME =	USER NAME = monallysr	DESIGNED -	REVISED -
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PLOT SCALE = 51.5681' / IN.		CHECKED -	REVISED -
PLOT DATE = Mar 15, 2011 - 10:55:13 AM		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(3)RIS-2	LASALLE	22	6
CONTRACT NO. 66A06				
ILLINOIS FED. AID PROJECT				

MAINLINE SCHEDULE										
STA. TO STA.	LENGTH	WIDTH	POLY HMA SRF CSE	POLY LEVEL BINDER (MM)	LEVEL BINDER (HM)	HMA SURF REM 2 1/4"	MIX FOR JTS, CRACKS & FLGWYS	BIT. MAT'L (PR CT)	AGG. (PR CT)	
	FT	FT	TONS	TONS	TONS	SO YD	TONS	GAL	TONS	
20+30 TO 26+34.70	604.7	48.0	270.9	135.5	1.6	3225.1	1.0	419.3	6.5	
26+34.7 TO 32+62.4	627.7	58.0	339.8	169.9	2.0	4045.2	1.2	525.9	8.1	
32+62.4 TO 32+99.9	37.5	56.0	19.6	9.8	0.1	233.3	0.1	30.3	0.5	
32+99.4 TO 37+24.7	425.3	58.0	230.2	115.1	1.4	2740.8	0.8	356.3	5.5	
37+24.7 TO 38+04	79.3	58.0	42.9	21.5	0.3	511.0	0.2	66.4	1.0	
38+04 TO 40+42	238.0	58.0	128.8	64.4	0.8	1533.8	0.5	199.4	3.1	
40+42 TO 57+84.4	1742.4	60.0	975.7	487.9	5.8	11616.0	3.5	1510.1	23.2	
57+84.4 TO 70+10	1225.6	72.0	823.6	411.8	4.9	9804.8	2.9	1274.6	19.6	
70+10 TO 72+75	265.0	72.0	178.1	89.0	1.1	2120.0	0.6	275.6	4.2	
72+75 TO 73+80.6	105.6	56.0	55.2	27.6	0.3	657.1	0.2	85.4	1.3	
<b>TOTAL</b>			<b>3064.9</b>	<b>1532.5</b>	<b>18.2</b>	<b>36487.1</b>	<b>10.9</b>	<b>4743.3</b>	<b>73.0</b>	

SIDEROAD SCHEDULE										
LOCATION	STATION	SIDE	LIMITS		AREA	INC HMA CSE	BIT MAT'L (PR CT)	AGG (PR CT)	HMA SURF REM	TEMP RAMP
			LENGTH	WIDTH						
			(FEET)	(FEET)	(SQ YD)	(TON)	(GAL)	(TON)	(SO YD)	(SO YD)
EAST FREEMONT	19+89.2	RT	30	20	66.7	5.6	0.5	0.1	66.7	6.7
PRAIRIE	23+67.82	RT	30	20.3	67.7	5.7	0.5	0.1	67.7	6.8
POST	33+92.5	RT	30	24	80.0	6.7	0.6	0.2	80.0	8.0
OAK RIDGE	51+53.4	RT	30	24	80.0	6.7	0.6	0.2	80.0	8.0
HILLSIDE	58+17.6	RT	30	28	93.3	7.8	0.7	0.2	93.3	9.3
SUNFIELD REST.	61+04.4	RT	30	24	80.0	6.7	0.6	0.2	80.0	8.0
KAIN	72+75	LT	30	26	86.7	7.3	0.7	0.2	86.7	8.7
<b>TOTAL</b>						<b>46.6</b>	<b>4.4</b>	<b>1.1</b>	<b>554.3</b>	<b>55.4</b>

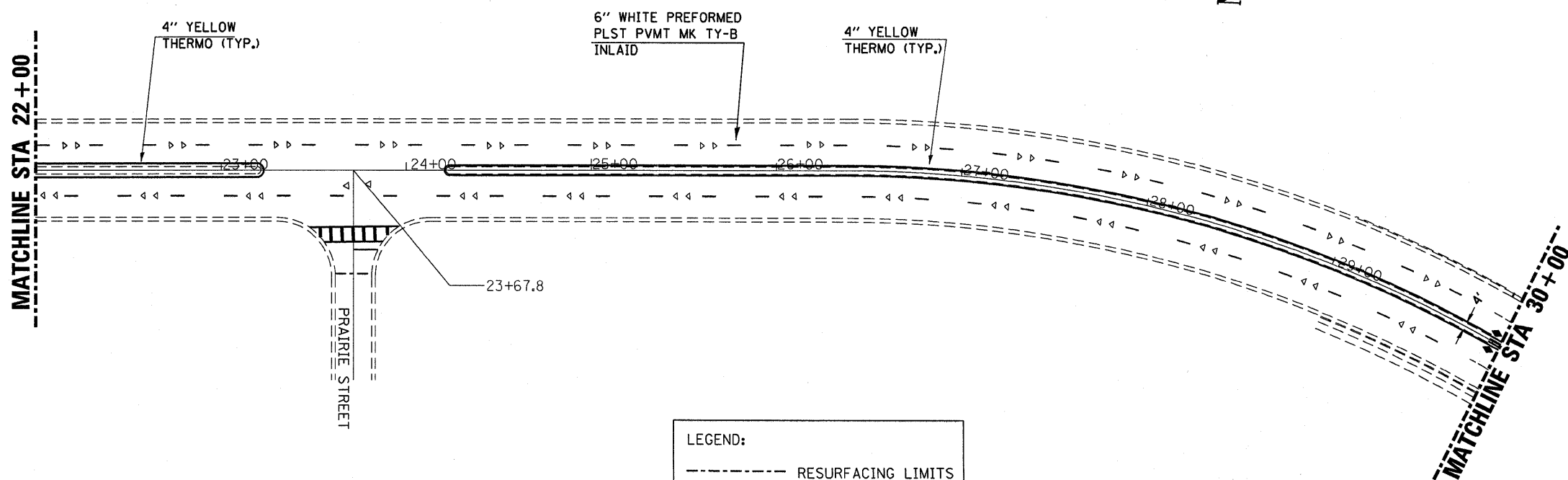
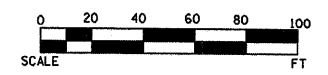
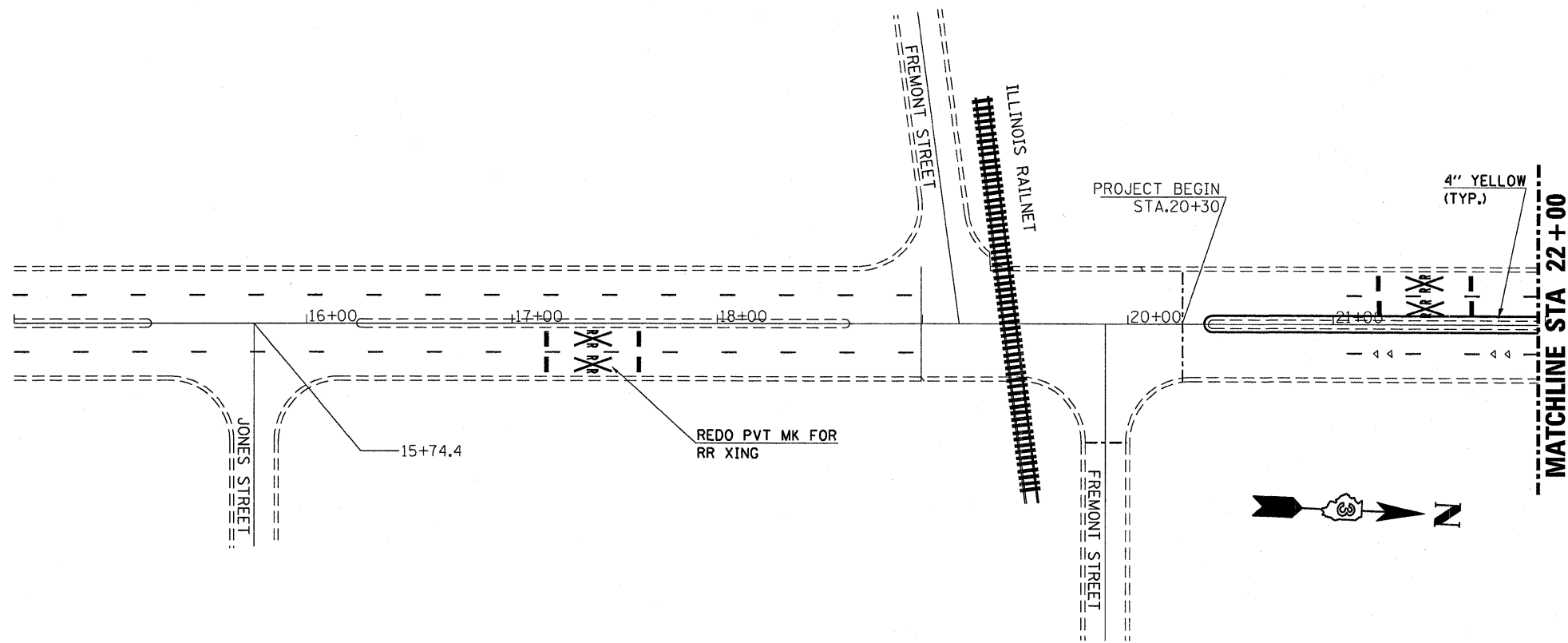
SIDEWALK SCHEDULE FOR NEW RAMP INSTALLATION							
LOCATION SIDESTREET	PCC SIDEWALK 4"	DETECTABLE WARNINGS	CC&G (SPEC)	SIDEWALK REMOVAL	CC&G REMOV (SPEC)	SOD, SALT TOLERANT	SUPPLEMENTAL WATERING
	QUAD SQ FT	SQ FT	FOOT	SO FT	FOOT	SO YD	UNIT
PRAIRIE							
NE	16	8	8	24	8	1.5	0.02
SE	12	8	8	20	8	1.5	0.02
POST							
NE	12	8	8	20	8	1.5	0.02
SE	12	8	8	20	8	1.5	0.02
OAKRIDGE							
NE	12	8	8	20	8	1.5	0.02
SE	12	8	8	20	8	1.5	0.02
HILLSIDE							
NE	12	8	8	20	8	1.5	0.02
SE	12	8	8	20	8	1.5	0.02
MARY							
NE	15	10	9	25	9	1.5	0.02
ISLAND	30	20	18	50	18		
SE	15	10	9	25	9	1.5	0.02
KAIN							
NE	15	10	9	25	9	1.5	0.02
ISLAND	27	18	17	45	17		
SE	*	*	*	*	*	*	*
STRIPMALL							
NE	12	8	8	20	8	1.5	0.02
ISLAND	27	18	17	45	17	1.5	0.02
SE	12	8	8	20	8	1.5	0.02
<b>TOTAL</b>	<b>253</b>	<b>166</b>	<b>159</b>	<b>419</b>	<b>159</b>	<b>21</b>	<b>1</b>

\* NO WORK NEEDED

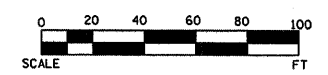
PAVEMENT MARKINGS																					
LOCATION	THERMO	THERMO	PREFORMED PLASTIC PVMT MK T-B INLAID	THERMO	THERMO	THERMO	THERMO	THERMO	THERMO	THERMO LTR & SYM.	TEMP MARK	TEMP MARK	TEMP MARK	TEMP MARK	TEMP MARK	TEMP LTS. & SYM.	SHORT-TERM MARK.	WORK ZONE PAVT MARK REM	RAISED REF PVMT MRKS	RAISED REF PVMT MRKS	RAISED REF PVMT MRKS
	4" WHITE	4" YELL	6" WHITE	6" WHITE	8" WHITE	12" WHITE	12" YELL	24" WHITE	SO. FT.	4"	6"	8"	12"	24"				WHITE	YELLOW	EACH	
19+42	73+50		13219	1352	330	1817	115	1076	288	498	26438	3364	3634	2267	576	498	1623	178.53	157	148	305

\* TEMP. QUANTITIES ARE FOR 2 LIFTS. PLACE THE FIRST LIFT AFTER THE HMA SURFACE REMOVAL 2 1/4" OPERATION AND PLACE THE SECOND LIFT AFTER THE LEVELING BINDER OPERATION.

FILE NAME =	USER NAME = mcnellysr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 51,5601' / IN.	CHECKED -	REVISED -	REVISED -								CONTRACT NO. 66A06		
PLOT DATE = Mar 15, 2011 - 10:54:48 AM	DATE -	REVISED -	REVISED -								ILLINOIS FED. AID PROJECT		

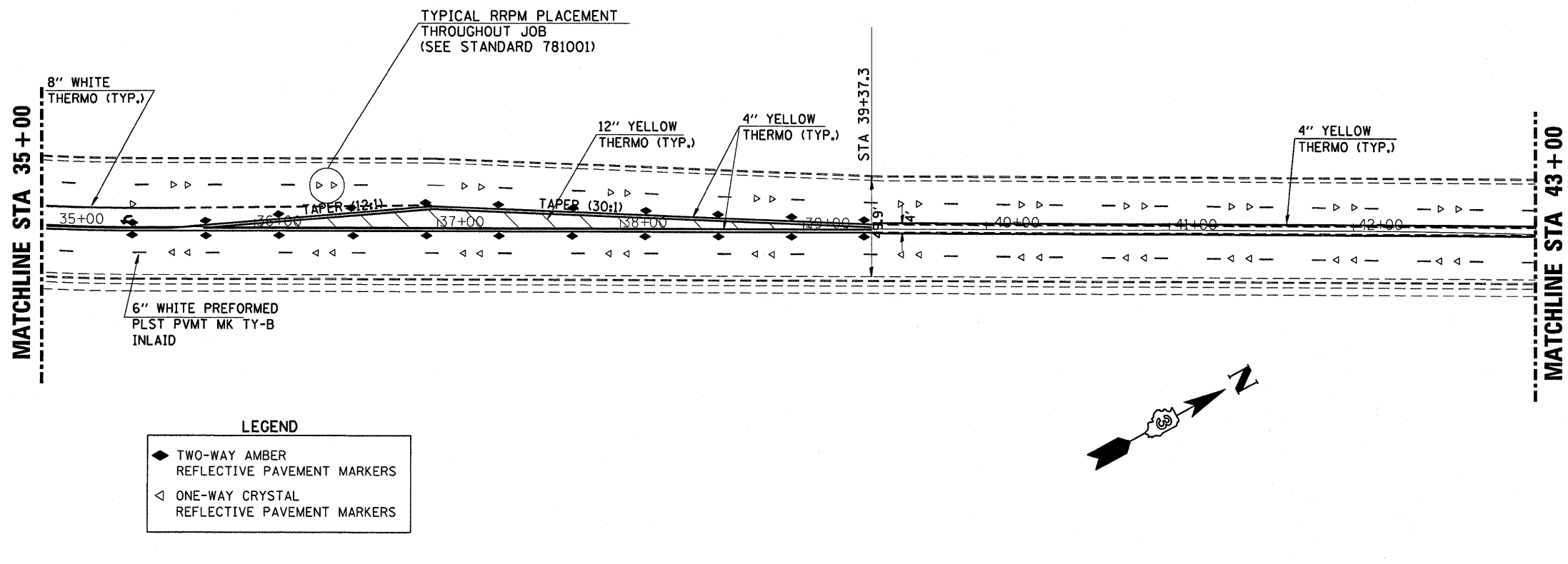
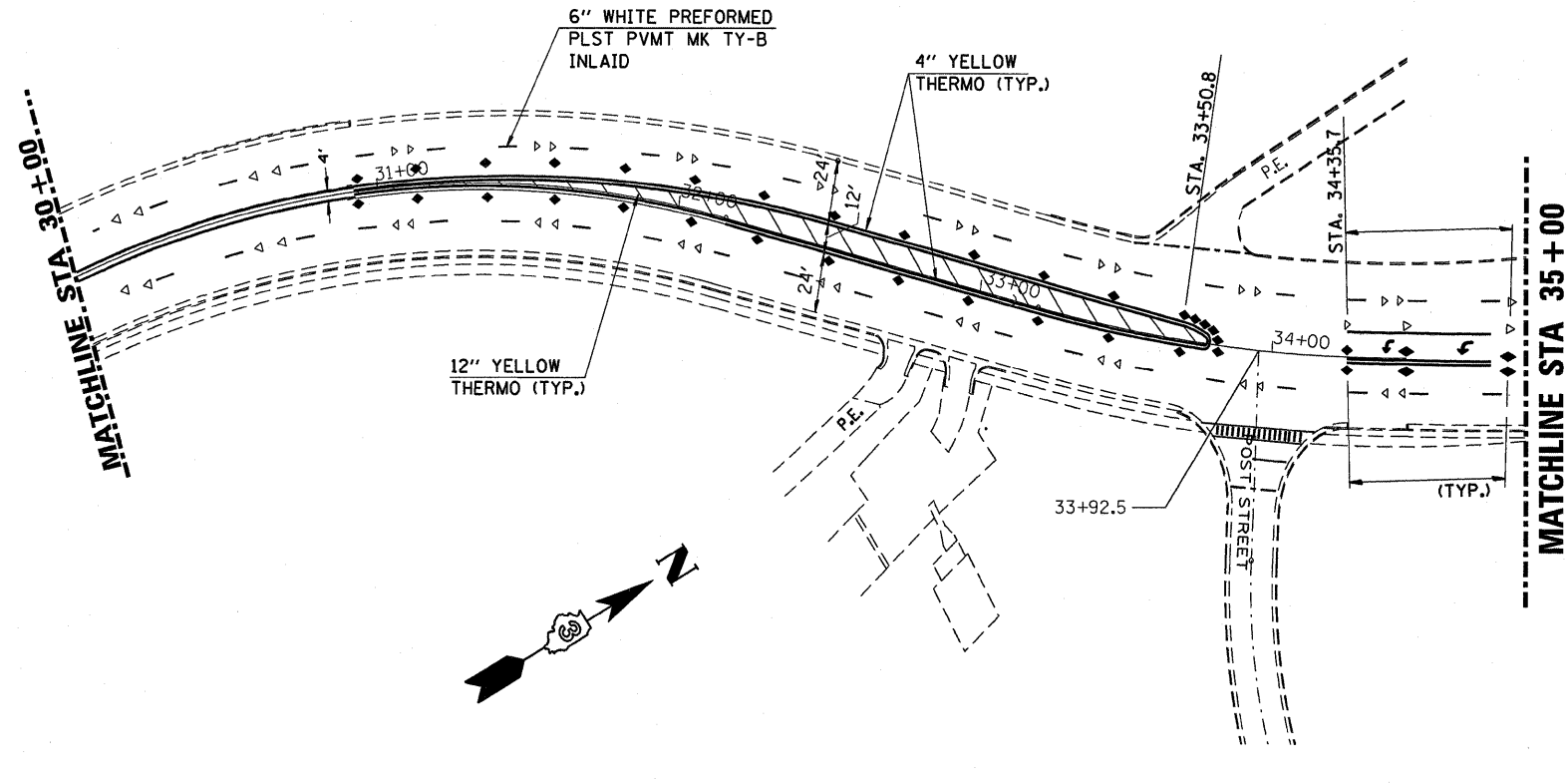


LEGEND:  
 ----- RESURFACING LIMITS



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	PLOT SCALE = 51.2519' / IN.	DRAWN -	REVISED -					68	(3RIRS-2)	LASALLE	22	8
	PLOT DATE = Mar 15, 2011 - 10:54:26 AM	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 66A06				
ILLINOIS FED. AID PROJECT												





**LEGEND**

◆	TWO-WAY AMBER REFLECTIVE PAVEMENT MARKERS
◁	ONE-WAY CRYSTAL REFLECTIVE PAVEMENT MARKERS

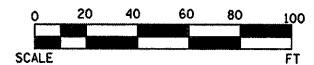
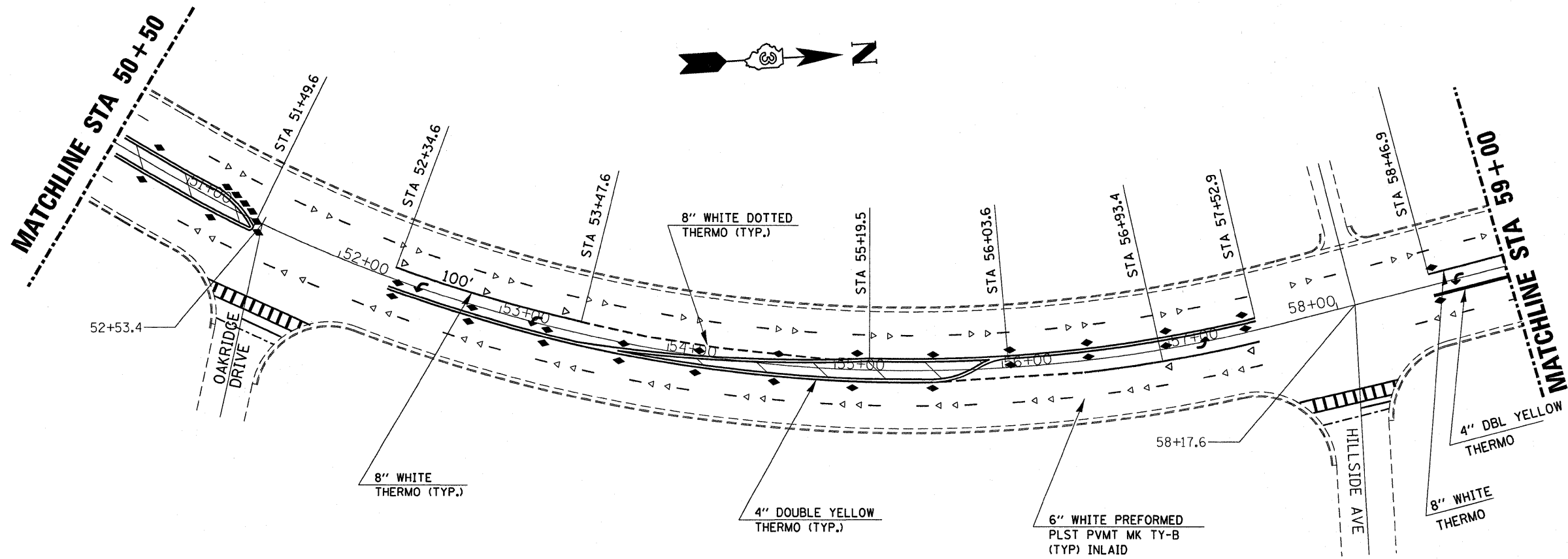
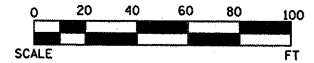
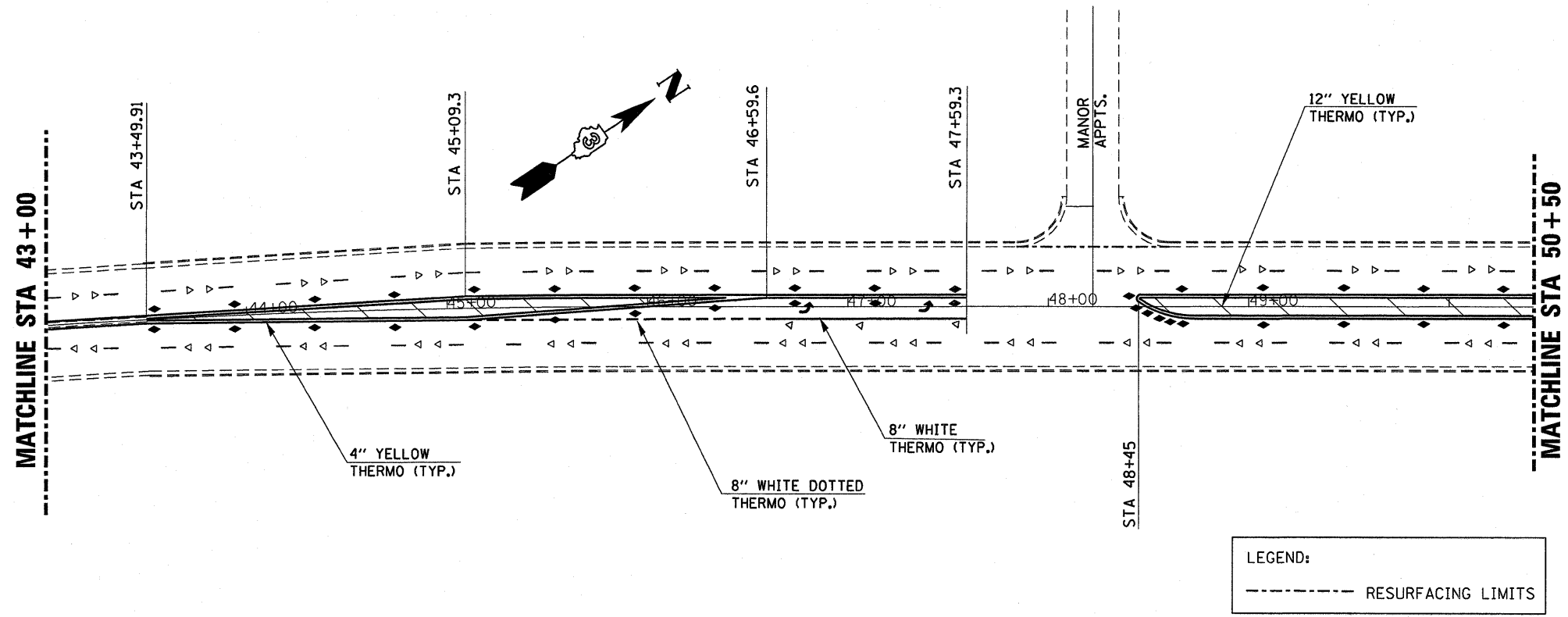
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PLOT DATE = Mar 15, 2011 - 10:53:34 AM		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKINGS**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(3R)RS-2	LASALLE	22	9
CONTRACT NO. 66A06				
ILLINOIS FED. AID PROJECT				

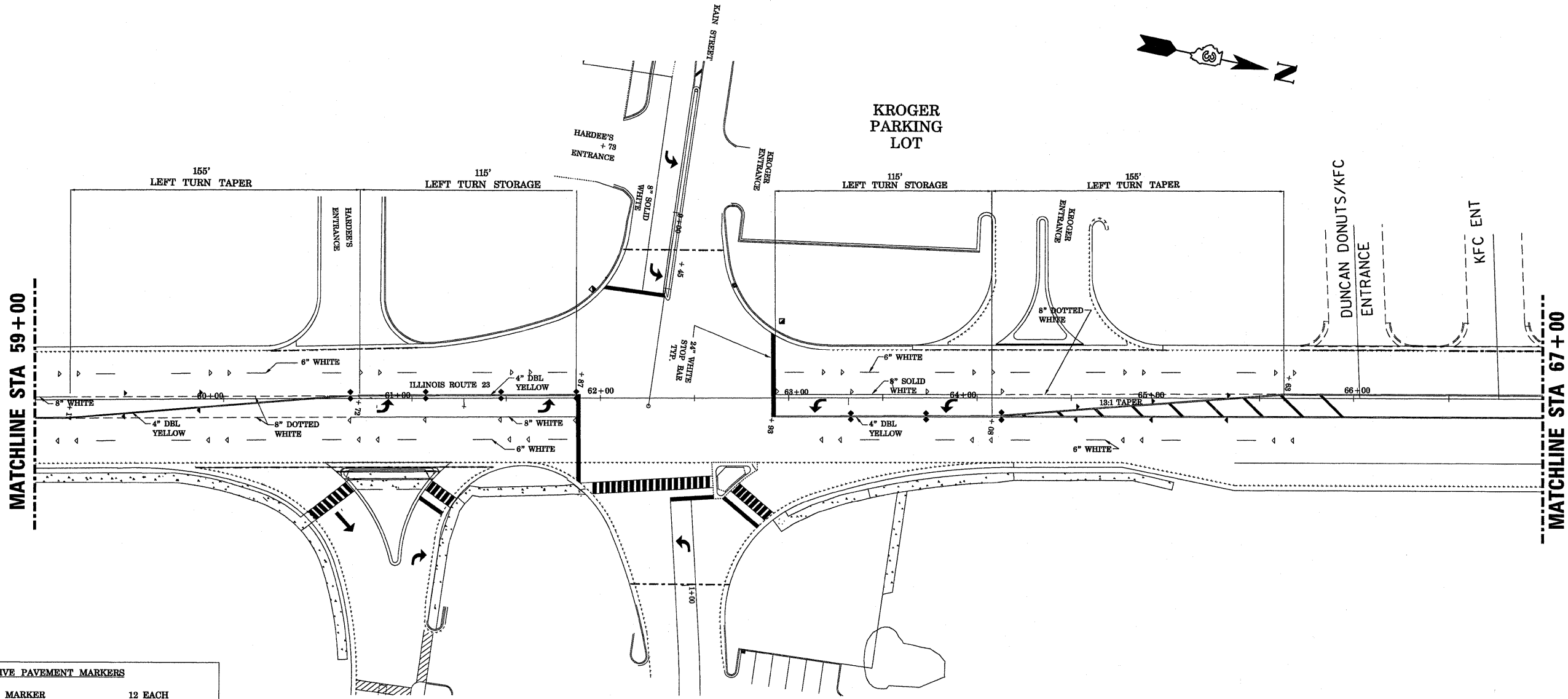


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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKINGS				
SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(3)RIS-2	LASALLE	22	10
CONTRACT NO. 66A06				
ILLINOIS FED. AID PROJECT				

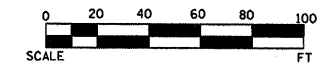
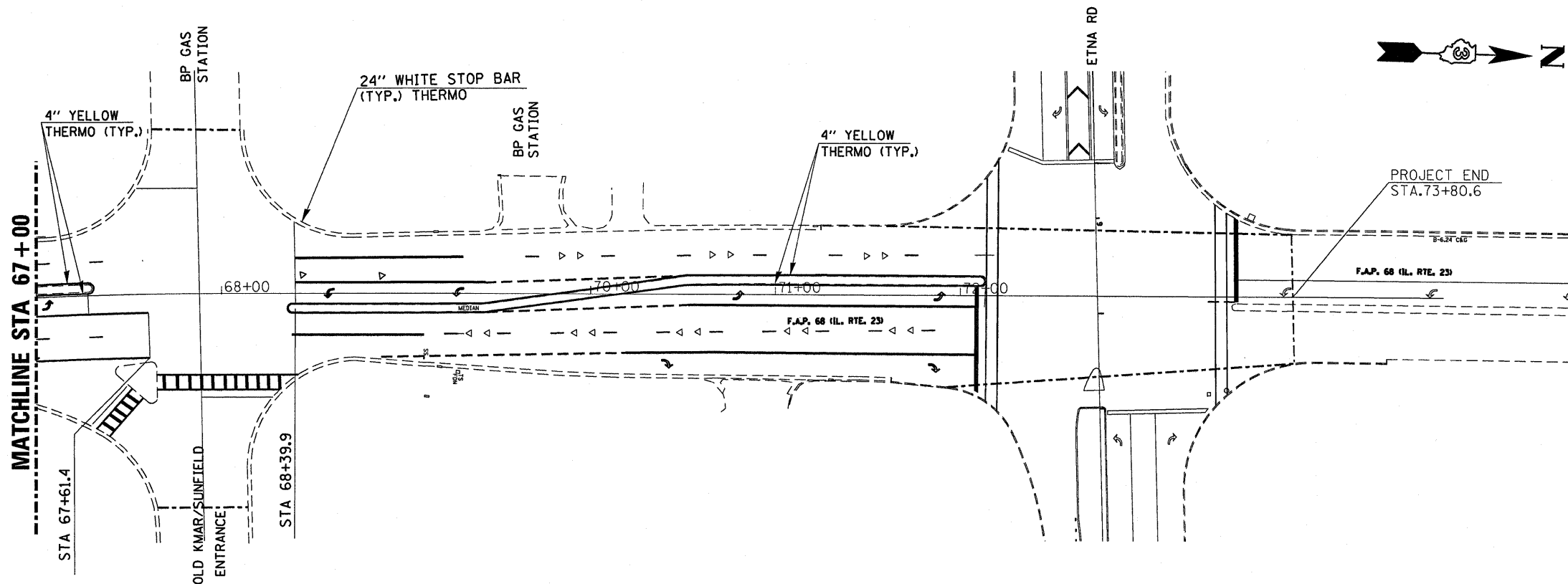


RAISED REFLECTIVE PAVEMENT MARKERS	
▶ ONE-WAY AMBER MARKER	12 EACH
▷ ONE-WAY CRYSTAL MARKER	40 EACH
◆ TWO-WAY AMBER MARKER	16 EACH
<b>TOTAL</b>	<b>68</b>

LEGEND:	
-----	RESURFACING LIMITS

\*SEE DETECTOR LOOP DETAILS FOR MORE ACCURATE LIMITS OF RESURFACING ON KAIN STREET

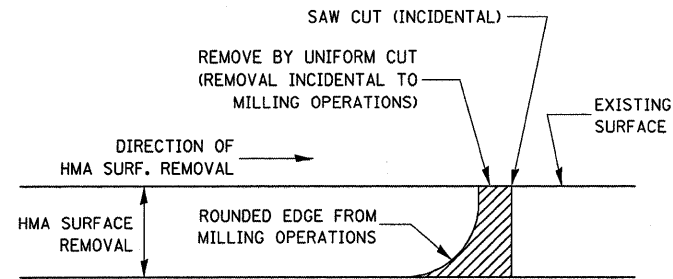
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		DATE -	REVISED -					ILLINOIS FED. AID PROJECT				



LEGEND:  
 - - - - - RESURFACING LIMITS\*

\*SEE DETECTOR LOOP DETAILS FOR MORE ACCURATE LIMITS OF RESURFACING ON KAIN STREET

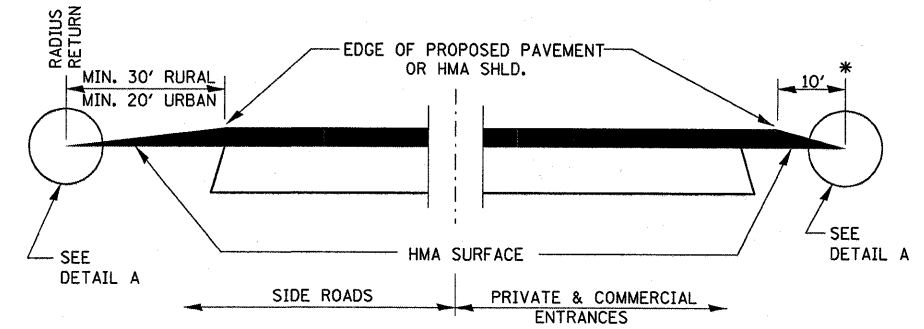
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	PLOT SCALE = 51.1500' / IN.	CHECKED -	REVISED -					68	(3R)RS-2	LASALLE	22	12	
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	ILLINOIS FED. AID PROJECT												



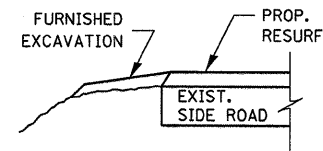
**NOTE:**

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**

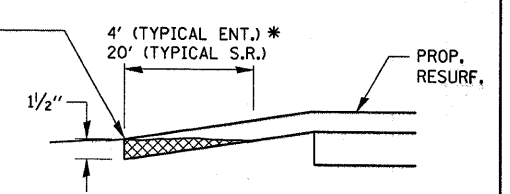


**SECTION A-A  
DETAILS AT ENTRANCES & SIDE ROADS**

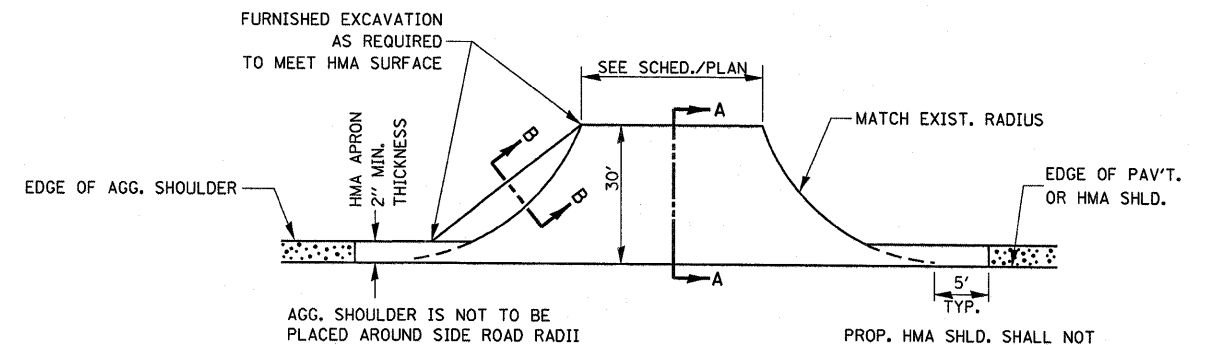


**SECTION B-B**

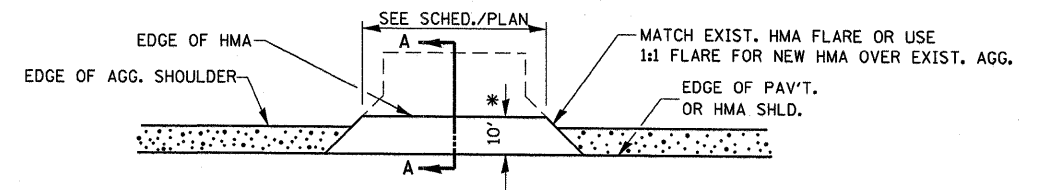
THE COST OF REMOVAL AT EXISTING HMA OR P.C.C. LOCATIONS SHALL BE PAID FOR PER SQ. YD. BY THE APPROPRIATE PAY ITEM. REMOVAL AT THE EXISTING AGG. LOCATIONS SHALL BE INCIDENTAL TO THE HMA. A-3 LOCATIONS SHALL BE FEATHER TAPERED.



**DETAIL A**



**PLAN AT SIDE ROADS**



**PLAN AT PRIVATE & COMMERCIAL ENTRANCES**

(DO NOT RESURFACE FIELD ENTRANCES)

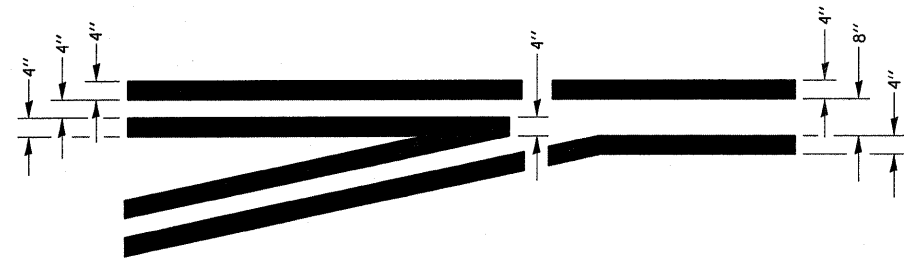
\* PROPOSED HMA RESURFACING AT PUBLIC EDUCATIONAL FACILITY ENTRANCES SHALL BE EXTENDED TO THE RIGHT-OF-WAY LIMITS.

FILE NAME =	USER NAME = mcnallys	DESIGNED -	REVISED -
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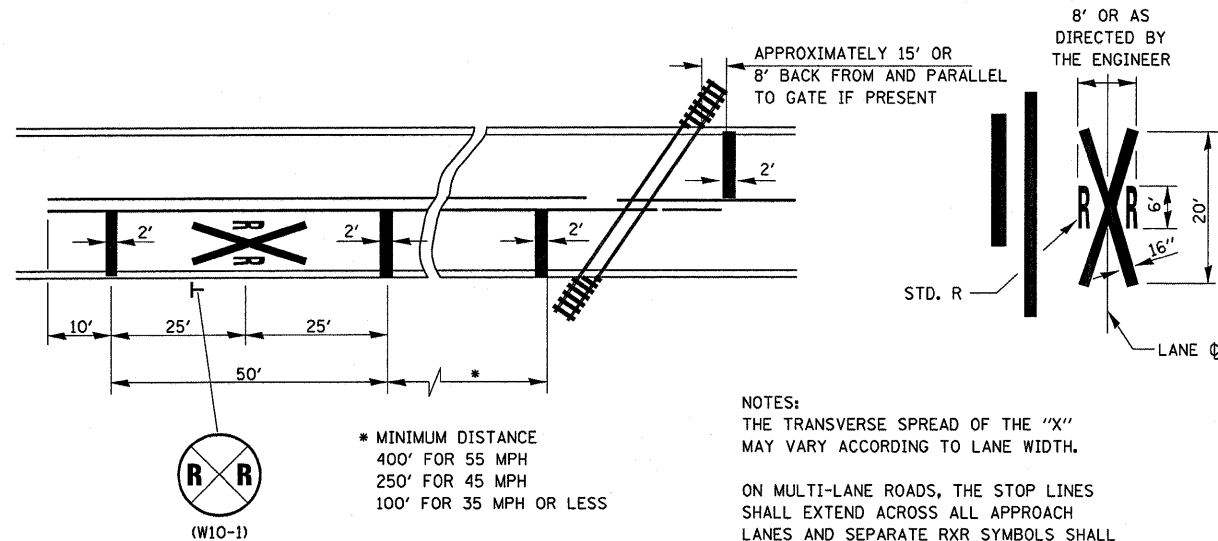
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

DETAILS				
SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.

F.A.P. RTE. 68	SECTION (3R1RS-2)	COUNTY LASALLE	TOTAL SHEETS 22	SHEET NO. 13
CONTRACT NO. 66A06				
ILLINOIS FED. AID PROJECT				



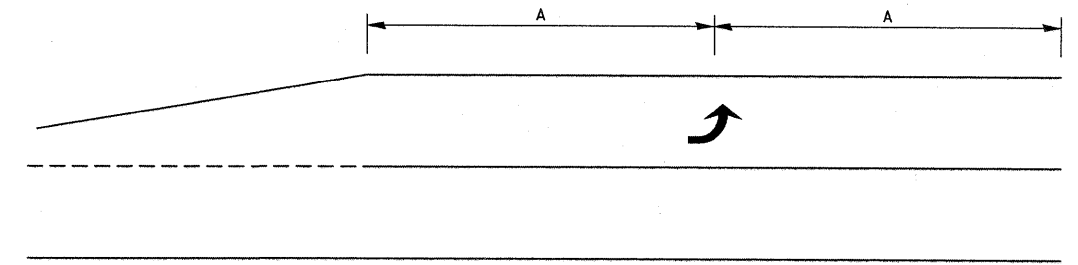
**TYPICAL APPLICATION  
@ LEFT TURN LANES**



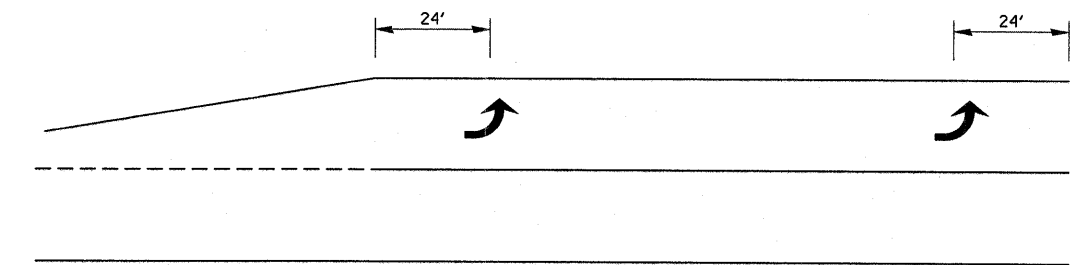
**PAVEMENT MARKINGS AT  
RAILROAD-HIGHWAY GRADE CROSSING**

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.

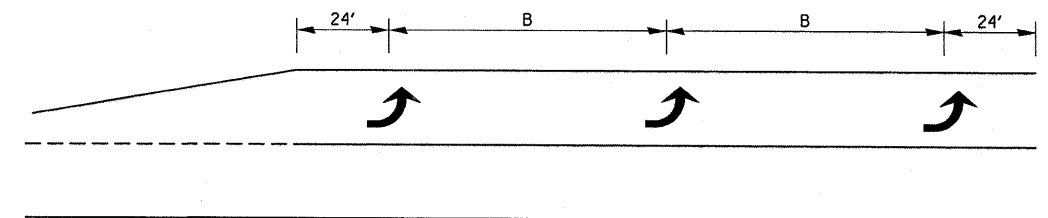
WHEN THE PAVEMENT MARKING SYMBOL  
IS USED, A PORTION OF THE SYMBOL  
SHOULD BE LOCATED DIRECTLY ADJACENT  
TO THE ADVANCE WARNING SIGN (W10-1).



**99' AND UNDER**



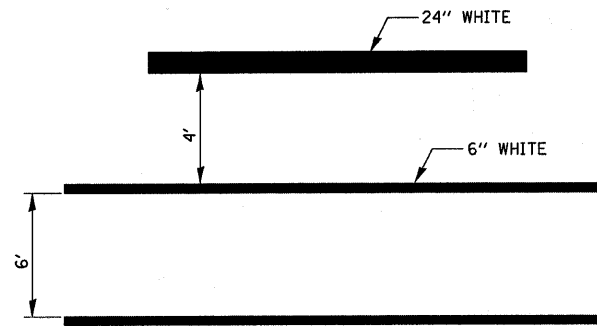
**100' TO 149'**



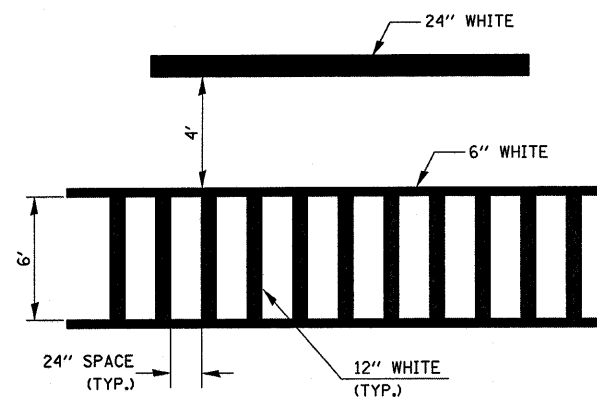
**150' AND LONGER**

**TYPICAL PLACEMENT OF ARROWS  
IN TURN LANES**

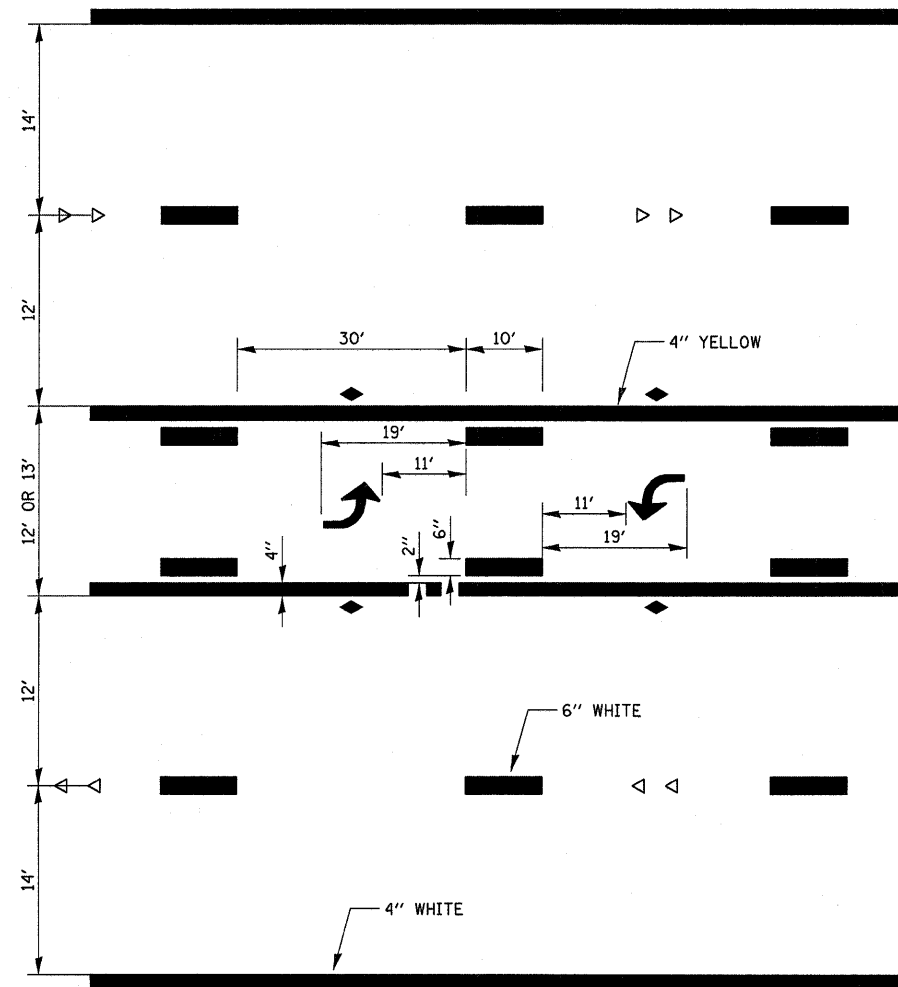
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CONTRACT NO. 66A06	66A06-sh-t-DETAILS.dgn	DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		
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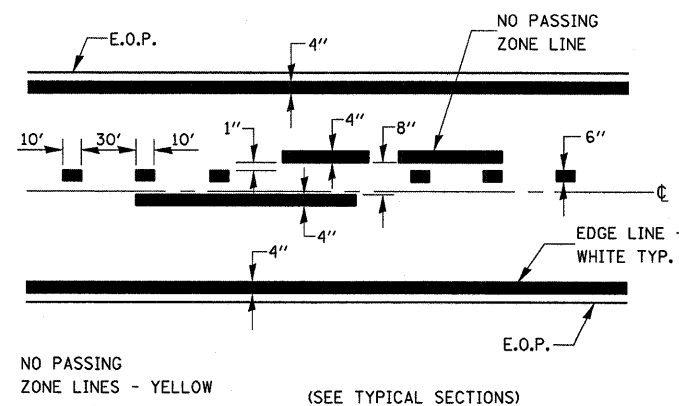
**TYPICAL SPACING DETAIL FOR CROSSWALKS AND STOP BARS**



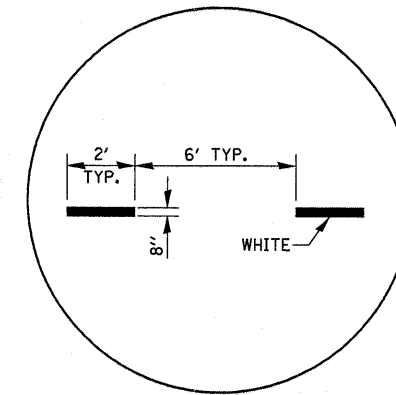
**TYPICAL SPACING DETAIL FOR CROSSWALKS AND STOP BARS**



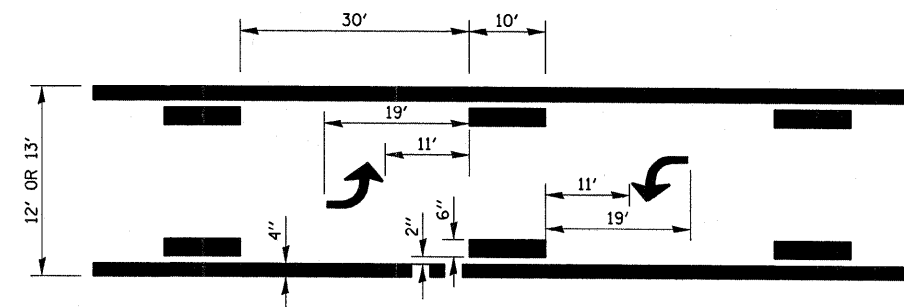
**TYPICAL APPLICATION @ TWO WAY LEFT TURN LANE (TWLTL)**



**PAVEMENT MARKING**



**ADVANCE AND INTERSECTION LANE DIVIDER LINES**



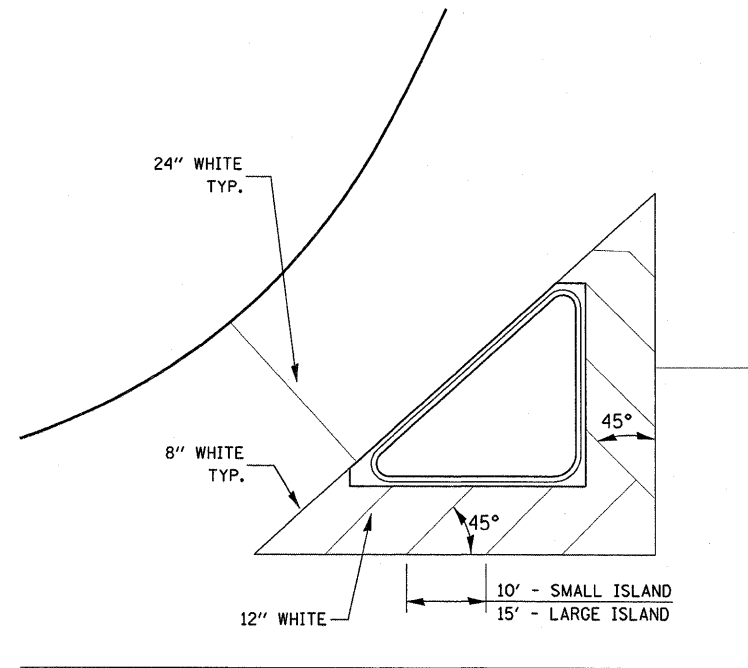
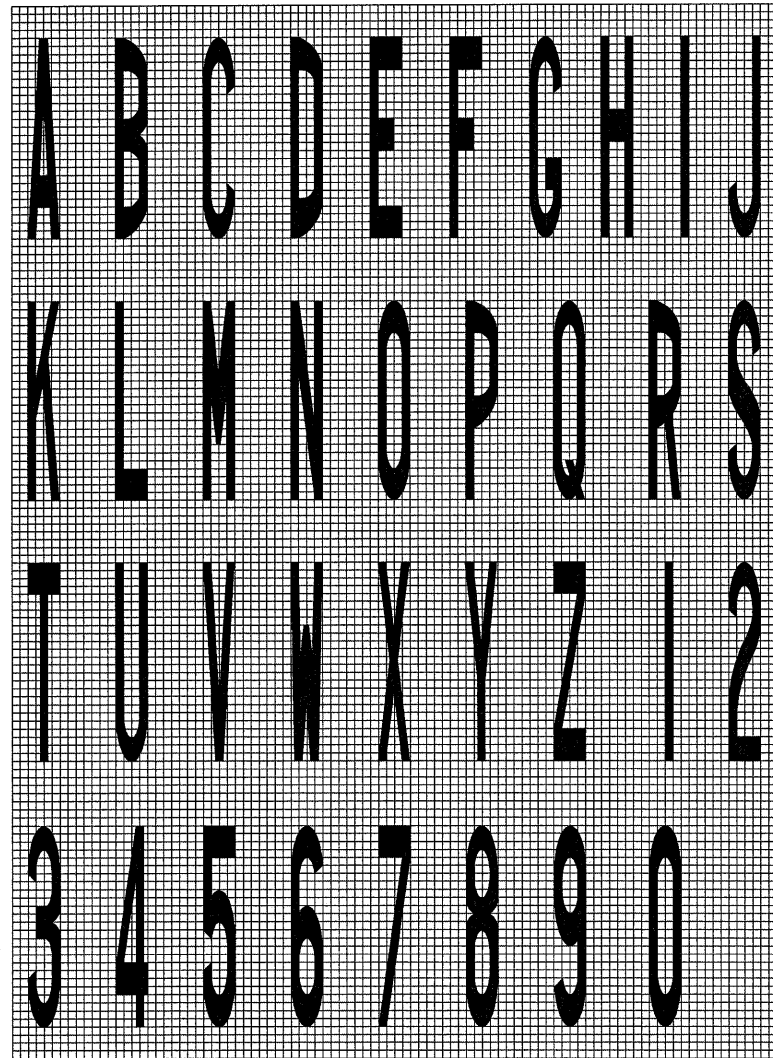
**TYPICAL APPLICATION @ BI-DIRECTIONAL TURN LANE**

# URBAN PAVEMENT MARKING

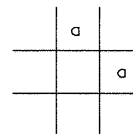
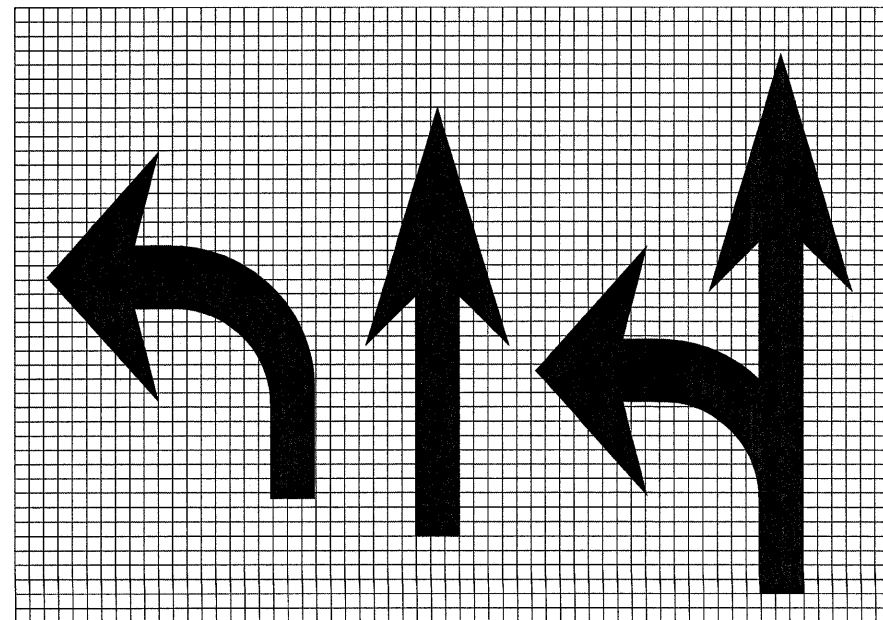
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		PLOT SCALE = 51.3957' / IN.	CHECKED -		REVISED -										
		PLOT DATE = Mar 15, 2011 - 10:58:44 AM	DATE -		REVISED -										
											CONTRACT NO. 66A06			ILLINOIS FED. AID PROJECT	







**TYPICAL ISLAND**



LEGEND HEIGHT	ARROW SIZE	a
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**

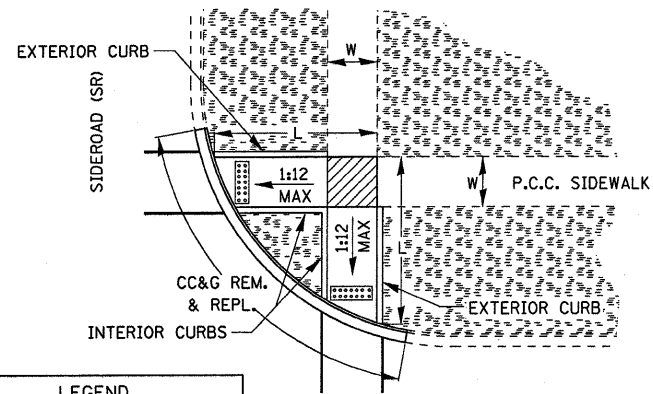
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETAILS**

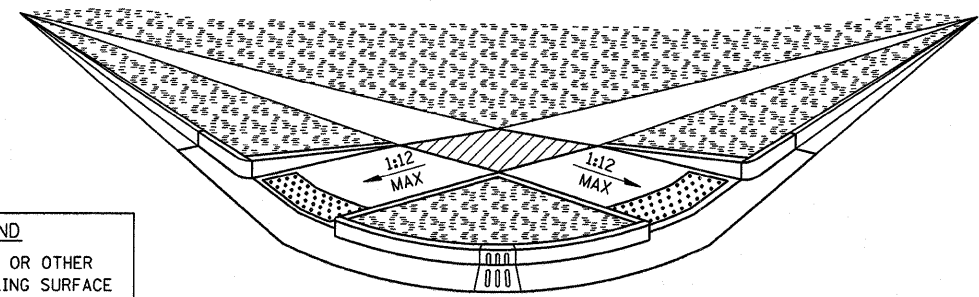
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(3R)RS-2	LASALLE	22	17
CONTRACT NO. 66A06			ILLINOIS FED. AID PROJECT	



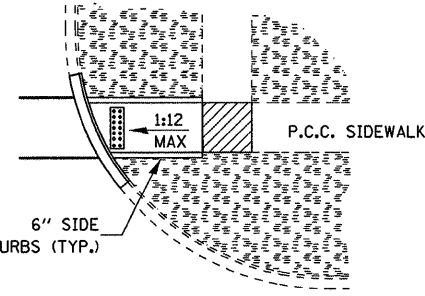
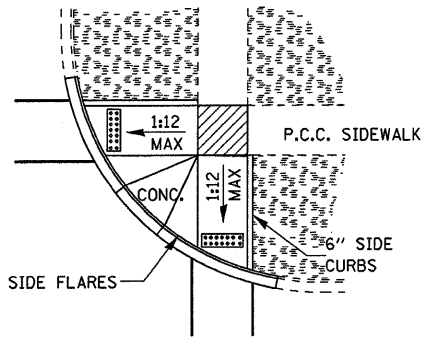
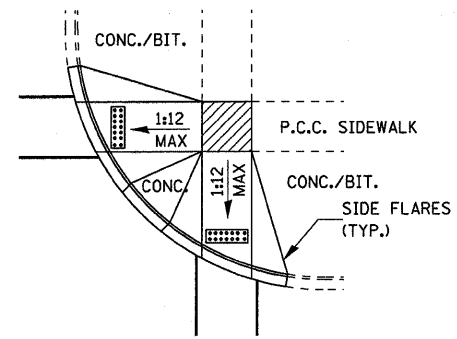
**LEGEND**  
 [Symbol] PLANTING OR OTHER NON-WALKING SURFACE  
 [Symbol] SLOPE = 2% MAX.  
 [Symbol] DETECTABLE WARNING

**ADA SIDEWALK ACCESSIBILITY RAMPS  
 METHOD 1**



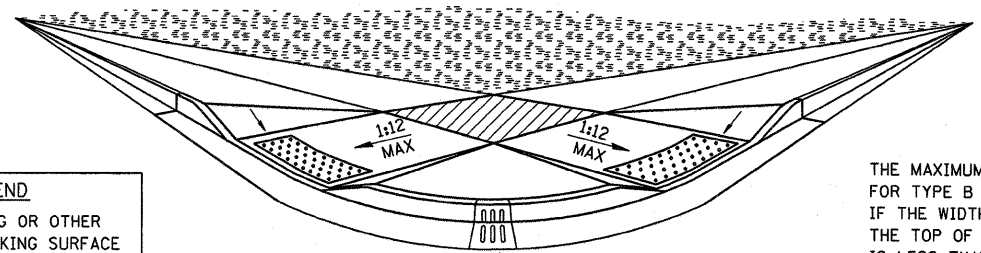
**LEGEND**  
 [Symbol] PLANTING OR OTHER NON-WALKING SURFACE  
 [Symbol] SLOPE = 2% MAX.  
 [Symbol] DETECTABLE WARNING

**ADA SIDEWALK ACCESSIBILITY RAMPS  
 METHOD 1 PERSPECTIVE WITH SIDE CURBS**



**LEGEND**  
 [Symbol] PLANTING OR OTHER NON-WALKING SURFACE  
 [Symbol] SLOPE = 2% MAX.  
 [Symbol] DETECTABLE WARNING

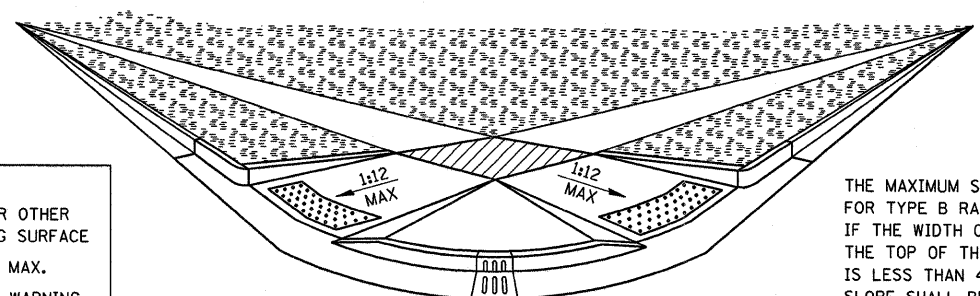
**TYPICAL CURB APPLICATIONS FOR METHOD 1**



**LEGEND**  
 [Symbol] PLANTING OR OTHER NON-WALKING SURFACE  
 [Symbol] SLOPE = 2% MAX.  
 [Symbol] DETECTABLE WARNING

**ADA SIDEWALK ACCESSIBILITY RAMPS  
 METHOD 1 PERSPECTIVE WITH SIDE FLARES**

THE MAXIMUM SLOPE OF THE SIDE FLARE FOR TYPE B RAMPS SHALL BE 1:10; HOWEVER, IF THE WIDTH OF THE LANDING AREA BETWEEN THE TOP OF THE RAMP AND AN OBSTRUCTION IS LESS THAN 4'-0" THEN THE MAXIMUM SLOPE SHALL BE 1:12.



**LEGEND**  
 [Symbol] PLANTING OR OTHER NON-WALKING SURFACE  
 [Symbol] SLOPE = 2% MAX.  
 [Symbol] DETECTABLE WARNING

**ADA SIDEWALK ACCESSIBILITY RAMPS  
 METHOD 1 PERSPECTIVE WITH SIDE CURBS AND SIDE FLARES**

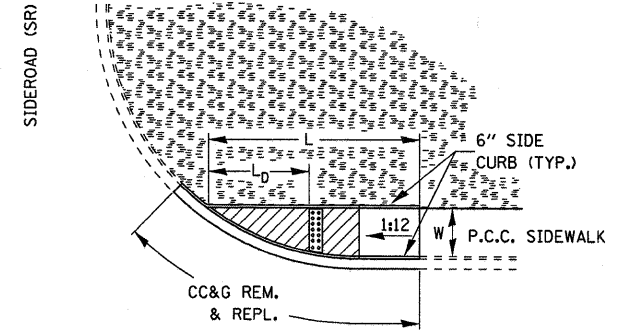
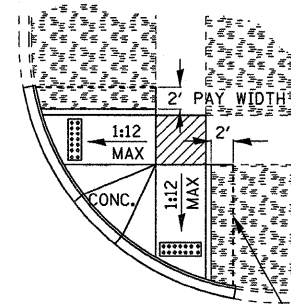
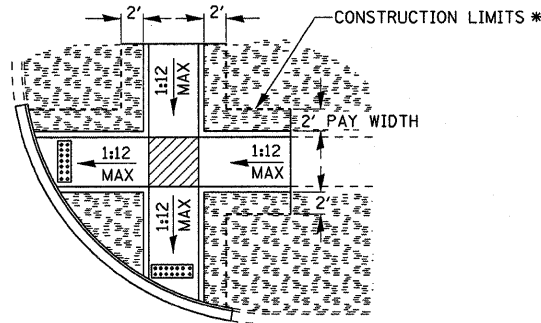
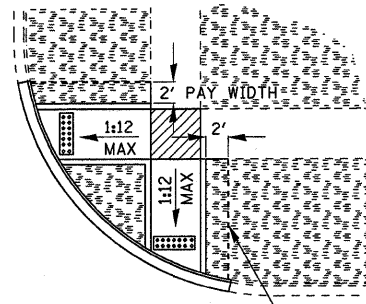
THE MAXIMUM SLOPE OF THE SIDE FLARE FOR TYPE B RAMPS SHALL BE 1:10; HOWEVER, IF THE WIDTH OF THE LANDING AREA BETWEEN THE TOP OF THE RAMP AND AN OBSTRUCTION IS LESS THAN 4'-0" THEN THE MAXIMUM SLOPE SHALL BE 1:12.

FILE NAME =	USER NAME = monallysr	DESIGNED -	REVISED -
ca:\pwork\pwork\monallysr\d0173848\d366A06-sh1-DETAILS.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

DETAILS				
SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(3)RS-2	LASALLE	22	18
CONTRACT NO. 66A06				
ILLINOIS FED. AID PROJECT				



**LEGEND**

	PLANTING OR OTHER NON-WALKING SURFACE
	SLOPE = 2% MAX.
	DETECTABLE WARNING

\* PAY FOR SOD IN PLANTING AREAS OR REMOVE AND REPLACE FOR OTHER SURFACES

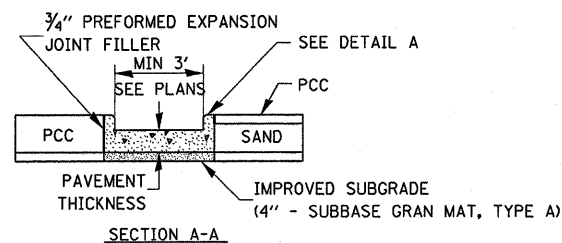
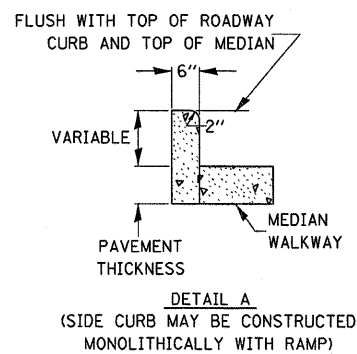
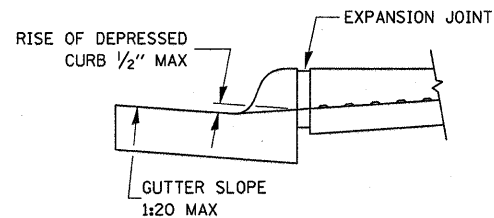
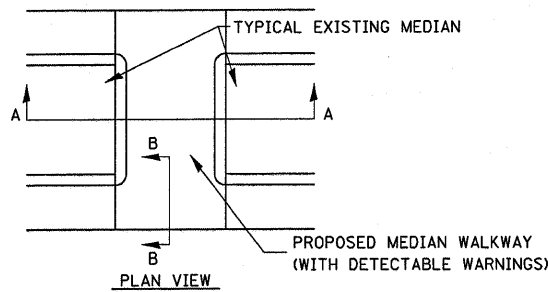
**ADA SIDEWALK ACCESSIBILITY RAMPS  
TYPICAL SODDING DETAILS FOR SIDEWALK RAMPS**

MAINLINE (ML)  
 $L_D \leq 5'$

**LEGEND**

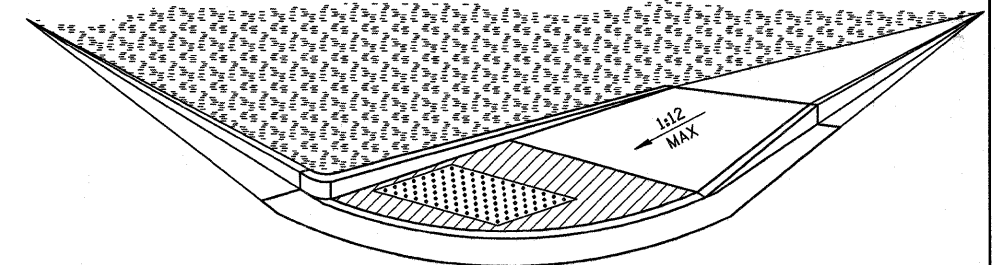
	PLANTING OR OTHER NON-WALKING SURFACE
	SLOPE = 2% MAX.
	DETECTABLE WARNING

**ADA SIDEWALK ACCESSIBILITY RAMPS  
METHOD 4**



**LEGEND**

	PLANTING OR OTHER NON-WALKING SURFACE
	SLOPE = 2% MAX.
	DETECTABLE WARNING



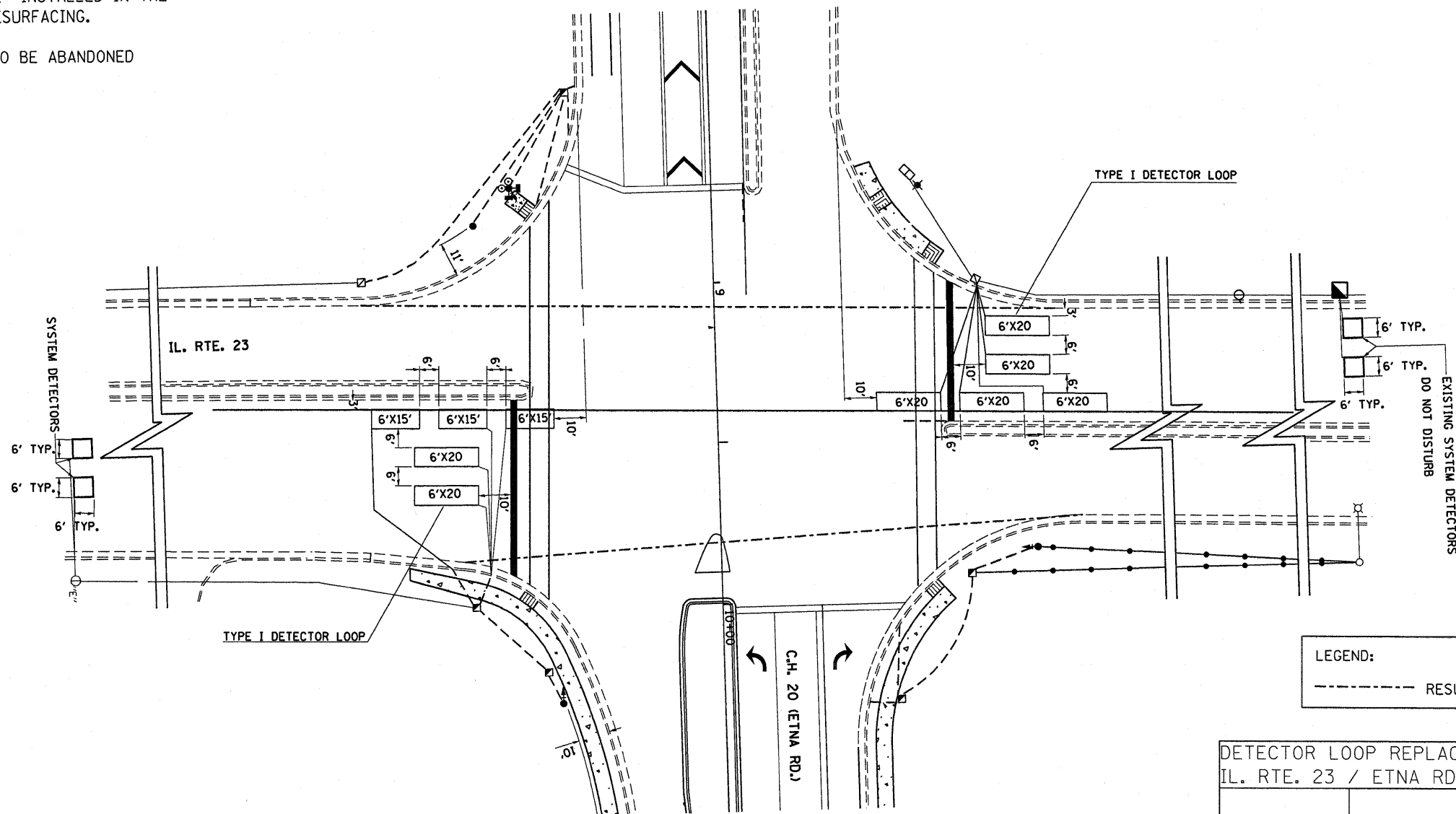
**ADA SIDEWALK ACCESSIBILITY RAMPS  
METHOD 4 PERSPECTIVE**

**ADA SIDEWALK ACCESSIBILITY RAMPS  
CONCRETE MEDIAN DETAIL FOR SIDEWALK RAMP**

FILE NAME =	USER NAME = monallysr	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\dot\monallysr\d0173848\c386A06-shr-DETAILS.dgn	PLOT SCALE = 51.3674' / IN.	DRAWN -	REVISED -					68	(3)RS-2	LASALLE	22	19
	PLOT DATE = Mar 15, 2011 - 10:48:27 AM	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 66A06				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

NOTES:

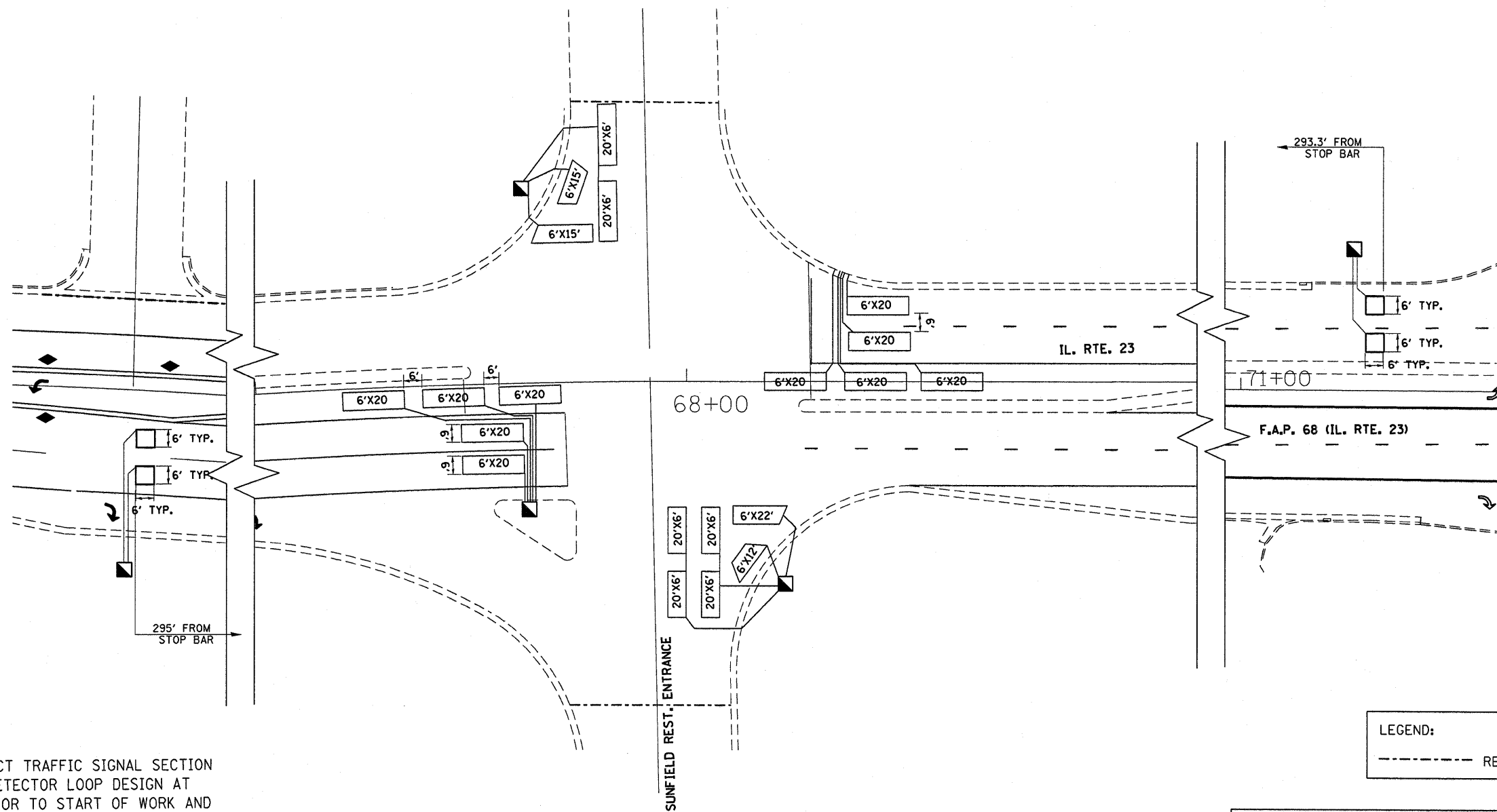
1. PLEASE CONTACT TRAFFIC SIGNAL SECTION FOR PROPOSED DETECTOR LOOP DESIGN AT 815-434-8505 PRIOR TO START OF WORK AND IF ANY OTHER LOOPS ARE DAMAGED.
2. 6' X 20' TYPICAL DETECTOR LOOPS WITH 6' SPACING 10' FROM PROJECTED EDGE LINE OR STOP BAR AS NOTED.
3. 4 TURNS REQUIRED ON ALL DETECTOR LOOPS.
4. DETECTOR LOOPS SHALL BE INSTALLED IN THE MILLED SURFACE PRIOR TO RESURFACING.
5. SAW CUT EXISTING LOOP TO BE ABANDONED



LEGEND:  
 ----- RESURFACING LIMITS

DETECTOR LOOP REPLACEMENT IL. RTE. 23 / ETNA RD	
	DETECTOR LOOP TYPE I FOOT
TOTAL	820

FILE NAME =	USER NAME = monallysr	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>LOOP DETECTORS</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cr:\pwork\pwork\monallysr\d0173840\d365a06-sh-t-DETAILS.dgn		DRAWN -	REVISED -		68	(3)RIS-2	LASALLE	22	20				
PLOT SCALE = 51.2647' / IN.		CHECKED -	REVISED -		CONTRACT NO. 66A06				ILLINOIS FED. AID PROJECT				
PLOT DATE = Mar 15, 2011 - 10:47:27 AM		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.				



**NOTES:**

1. PLEASE CONTACT TRAFFIC SIGNAL SECTION FOR PROPOSED DETECTOR LOOP DESIGN AT 815-434-8505 PRIOR TO START OF WORK AND IF ANY OTHER LOOPS ARE DAMAGED.
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5. SAW CUT EXISTING LOOP TO BE ABANDONED

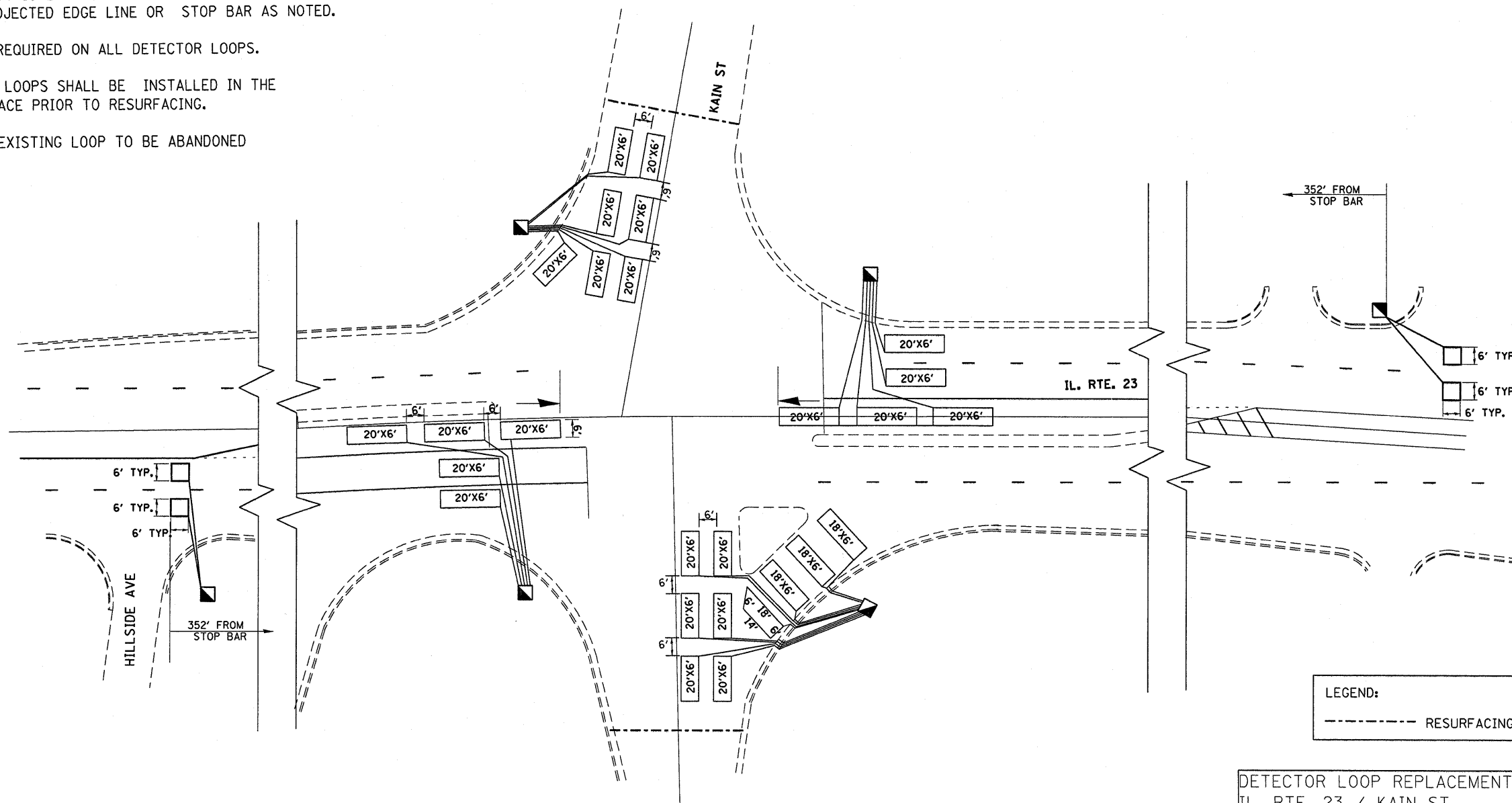
<b>LEGEND:</b>	
-----	RESURFACING LIMITS

DETECTOR LOOP REPLACEMENT IL. RTE. 23 /SUNFIELD RESTAURANT ENTRANCE	
	DETECTOR LOOP TYPE I FOOT
TOTAL	1476

FILE NAME =	USER NAME = monallgar	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>LOOP DETECTORS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw_work\pvsdot\monallgar\d017384\d386A06-ah-t-DETAILS.dgn	PLOT SCALE = 51.3681' / IN.	DRAWN -	REVISED -					68	(3)R/S-2	LASALLE	22	21
	PLOT DATE = Mar 15, 2011 - 10:46:38 AM	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT				
		DATE -	REVISED -		CONTRACT NO. 66A06							

**NOTES:**

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5. SAW CUT EXISTING LOOP TO BE ABANDONED



**LEGEND:**  
 ----- RESURFACING LIMITS

DETECTOR LOOP REPLACEMENT IL. RTE. 23 / KAIN ST	
	DETECTOR LOOP TYPE I
	FOOT
TOTAL	1850

FILE NAME =	USER NAME = monallys	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>LOOP DETECTORS</b>			F.A.P. RTE. 68	SECTION (3R)RS-2	COUNTY LASALLE	TOTAL SHEETS 22	SHEET NO. 22
cr:\pw_work\pwwork\monallys\d0173840\d366A06-sh-t-DETAILS.dgn	DRAWN -	REVISED -	CONTRACT NO. 66A06									
PLOT SCALE = 52.5268' / IN.	CHECKED -	REVISED -										
PLOT DATE = Mar 15, 2011 - 10:35:09 AM	DATE -	REVISED -										
				SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		