

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	HFSC 2014-1	CHAMPAIGN	31	1
		ILLINOIS	CONTRACT NO. 70A52	

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 3

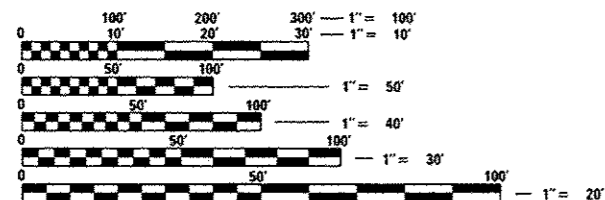
CURRENT TRAFFIC DATA

(2013 ADT)

RAMP I-CA	=	2800
RAMP I-BD	=	2100
RAMP I-BC	=	650
RAMP I-DA	=	5700
RAMP I-DB	=	2100
RAMP I-AC	=	3300
RAMP I-AD	=	5600
RAMP I-CB	=	500

DESIGN DESIGNATION

INTERSTATE



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

TOWNSHIP: CHAMPAIGN CITY

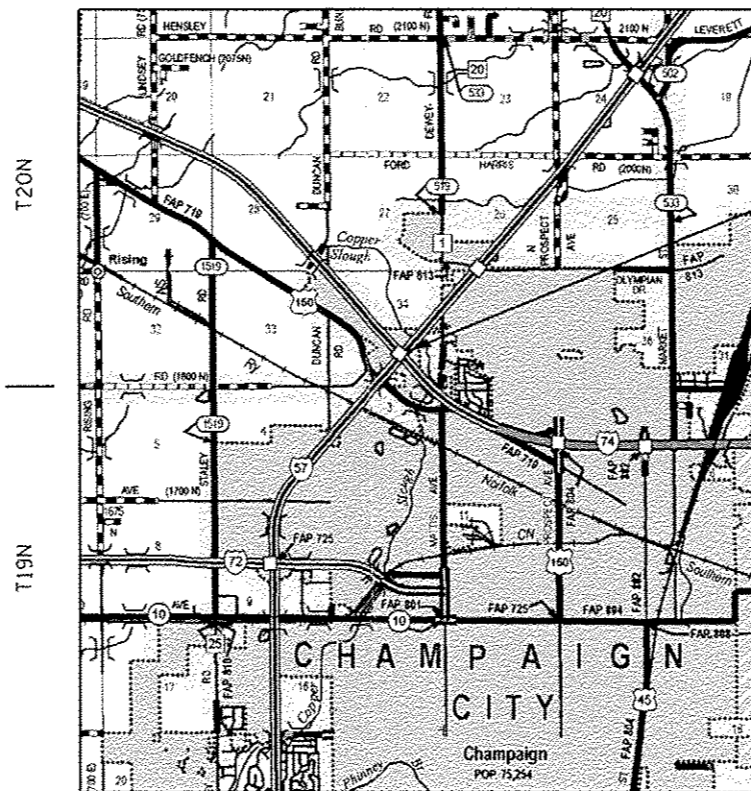
PROJECT ENGINEER: JASON STULTS
SQUAD LEADER: GREG EAGLIN
PHONE: 217-465-4181
CONTRACT NO. 70A52

**PROPOSED
HIGHWAY PLANS**

F.A.I. ROUTE 57 (I-57)
SECTION HFSC 2014-1
PROJECT ACHSIP-0057 (308)
SKIDPROOFING & NEW SIGNING
CHAMPAIGN COUNTY

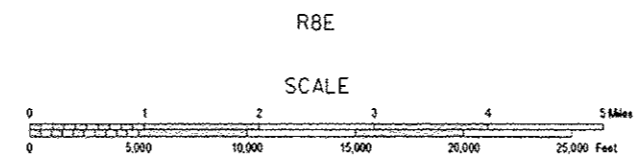
C-95-007-14

AT F.A.I. ROUTE 74 INTERCHANGE

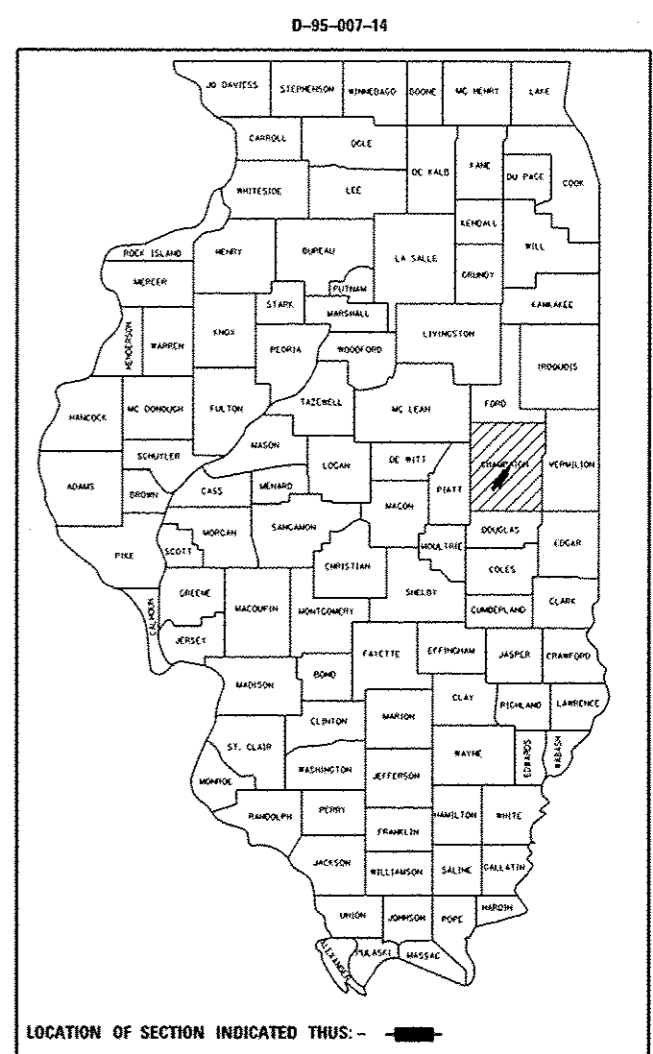


I-57 & I-74 INTERCHANGE RAMP:
RAMP I-CA THRU RAMP I-CB

RAMP	STATION TO	STATION
I-CA	206+70.00	222+12.00
I-BD	42+06.00	52+60.00
I-BC	166+70.00	180+50.00
I-DA	22+00.00	31+70.00
I-DB	126+70.00	141+90.00
I-AC	2+20.00	12+36.00
I-AD	87+00.00	100+56.00
I-CB	62+00.00	71+82.00



GROSS LENGTH = 9820.00 FT. = 1.860 MILE
NET LENGTH = 9820.00 FT. = 1.860 MILE



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED December 5, 2013

Joseph E. Casano, C.E.
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
Jan 24, 2014
John D. Baranzello, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT
Jan 24, 2014
Omer Osman, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

INDEX OF SHEETS

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31	PAVEMENT MARKING (INTERSTATE & MULTI-LANE APPLICATIONS)

HIGHWAY STANDARDS

STANDARD NO.	NAME OF STANDARD
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
420001-07	PAVEMENT JOINTS
421001-02	BAR REINFORCEMENT FOR CRC PAVEMENT
442001-04	CLASS A PATCHES
701101-04	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5M) TO 24" (600MM) FROM PAVEMENT EDGE
701427-02	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≤ 40 MPH
701901-03	TRAFFIC CONTROL DEVICES
780001-04	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
878001-09	CONCRETE FOUNDATION DETAILS

GENERAL NOTES

G.N.-100
ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED, METRIC UNITS ARE FOR INFORMATION ONLY.

G.N.-100A
ELECTRONIC FILES AND / OR ELECTRONIC SURVEY INFORMATION INCLUDING CADD FILES WILL NOT BE AVAILABLE TO THE CONTRACTOR.

G.N.- 442B - PATCHING SCHEDULES
THE PATCHING SCHEDULES INCLUDED IN THE PLANS REPRESENT THE BEST INFORMATION AVAILABLE AT THE TIME OF COMPLETION OF THE PLANS FOR LETTING. VARIATIONS IN LOCATION AND SIZES OF BOTH FULL-DEPTH AND PARTIAL-DEPTH PATCHES MAY OCCUR.

G.N.-781-SPL
RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH STANDARD 781001, AND THE DETAILS SHOWN IN THE PLANS. IF THERE IS ANY DISCREPANCY BETWEEN THE STANDARD AND THE DETAILS IN THE PLANS, THE DETAILS IN THE PLANS SHALL GOVERN. THE FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING THE RAISED REFLECTIVE PAVEMENT MARKERS AND THE RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED MIDWAY IN THE 30 FOOT SPACE BETWEEN THE DASHED CENTERLINE STRIPES (WHEN APPLICABLE).

G.N.-1004.01
COARSE AGGREGATE GRADATION CA-10 MAY BE USED WHENEVER COARSE AGGREGATE CA-6 IS SPECIFIED IN THE STANDARD SPECIFICATIONS.

COMMITMENTS:

THERE ARE NO COMMITMENTS FOR THIS CONTRACT.

FILE NAME :	USER NAME : eaglins	DESIGNED - GAE	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS / HIGHWAY STANDARDS GENERAL NOTES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\p\...eaglins\d0363485\057	052\ehrgervata.dgn	DRAWN - GAE	REVISED -			57	HFSC 2014-1	CHAMPAIGN	31	2	
#MODELNAME#	PLOT SCALE = 40,0000' / 1" =	CHECKED -	REVISED -			SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.		[ILLINOIS] FED. AID PROJECT CONTRACT NO. 70A52			
	PLOT DATE = 12/6/2013	DATE -	REVISED -								

SUMMARY OF QUANTITIES

LOCATION OF WORK: FAI-57 / (I-57)
 INTERSTATE
 URBAN
 COUNTY: CHAMPAIGN
 FUNDING BREAKOUT: 90% FED
 10% STATE
 CONSTRUCTION TYPE CODE: 0021

LOCATION OF WORK: FAI-57 / (I-57)
 INTERSTATE
 URBAN
 COUNTY: CHAMPAIGN
 FUNDING BREAKOUT: 90% FED
 10% STATE
 CONSTRUCTION TYPE CODE: 0021

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	98.0
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	45.0
44200610	CLASS A PATCHES, TYPE II, 13 INCH	SQ YD	224.0
44200612	CLASS A PATCHES, TYPE III, 13 INCH	SQ YD	146.0
44200614	CLASS A PATCHES, TYPE IV, 13 INCH	SQ YD	3387.0
44213000	PATCHING REINFORCEMENT	SQ YD	3757.0
44213200	SAW CUTS	FOOT	7554.0
44213204	TIE BARS 3/4"	EACH	1560.0
45100200	CRACK FILLING	POUND	1235.0
67100100	MOBILIZATION	L SUM	1.0
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1.0
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	4226.0
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	19116.0

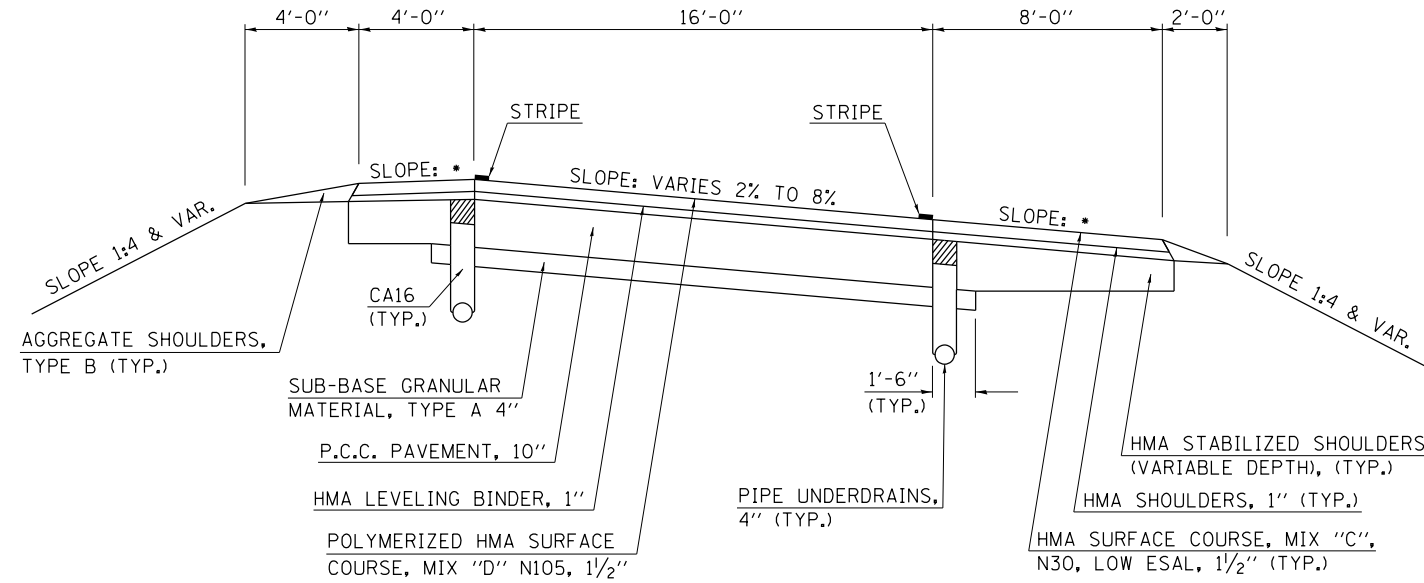
* SPECIALTY ITEMS

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	908.0
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	174.0
78300100	PAVEMENT MARKING REMOVAL	SQ FT	6978.0
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	174.0
* 87502720	TRAFFIC SIGNAL POST, ALUMINUM 18 FT.	EACH	4.0
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	12.0
* X0326852	RADAR SPEED SIGN	EACH	4.0
* X0327693	HIGH FRICTION SURFACE TREATMENT	SQ YD	17800.0
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1.0
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	121.0
Z0016702	DETOUR SIGNING	L SUM	1.0

* SPECIALTY ITEMS

EXISTING TYPICAL CROSS SECTION

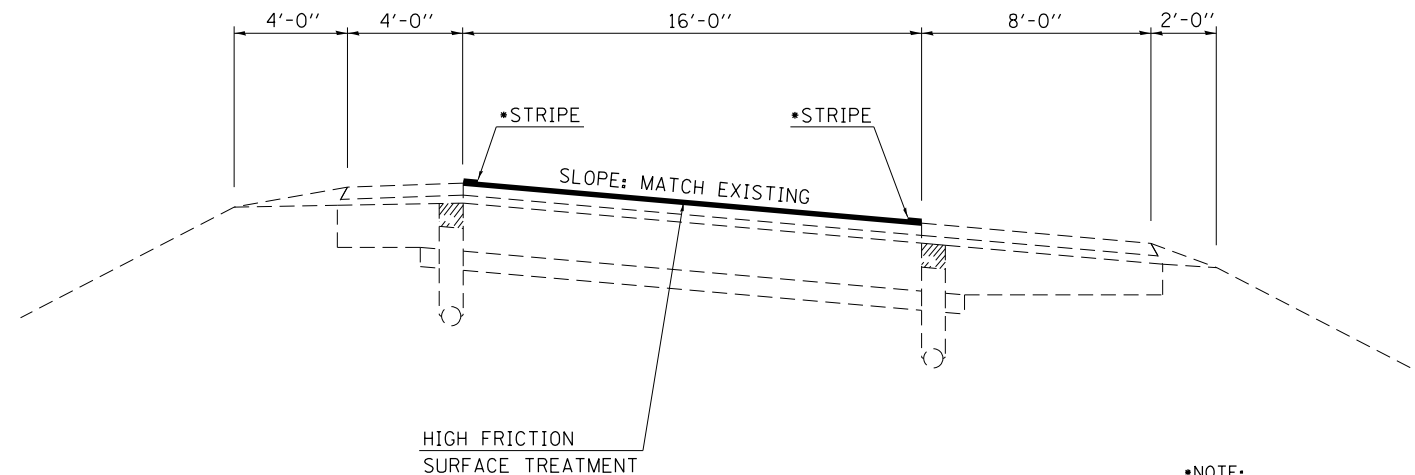
	STATION	TO	STATION
RAMP I-CA:	206+70.00		222+12.00
RAMP I-BD:	42+06.00		52+60.00
RAMP I-BC:	166+70.00		180+50.00
RAMP I-DA:	22+00.00		31+70.00
RAMP I-DB:	126+70.00		141+90.00
RAMP I-AC:	2+20.00		12+36.00
RAMP I-CB:	62+00.00		71+82.00



• NOTE:
THE ALGEBRAIC DIFFERENCE BETWEEN THE RAMP PAVEMENT AND SHOULDER SLOPE SHALL NOT BE GREATER THAN 8% IN FULL SUPERELEVATION.

PROPOSED TYPICAL CROSS SECTION

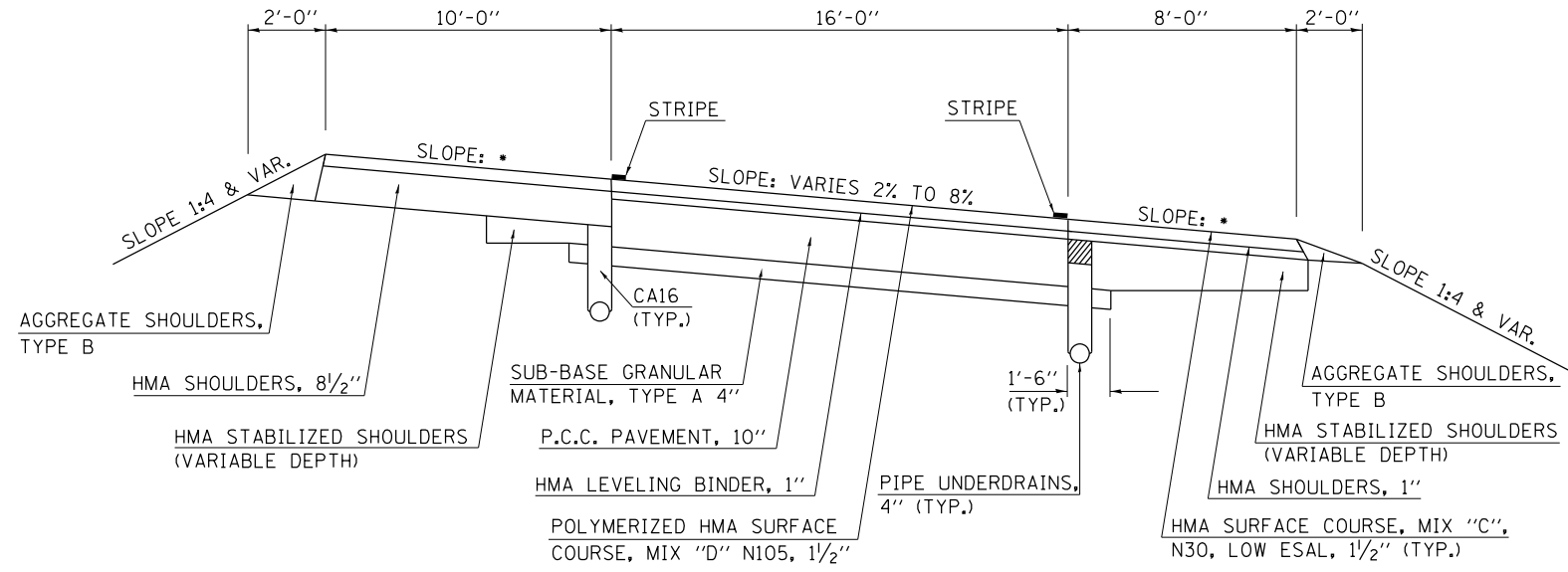
	STATION	TO	STATION
RAMP I-CA:	206+70.00		222+12.00
RAMP I-BD:	42+06.00		52+60.00
RAMP I-BC:	166+70.00		180+50.00
RAMP I-DA:	22+00.00		31+70.00
RAMP I-DB:	126+70.00		141+90.00
RAMP I-AC:	2+20.00		12+36.00
RAMP I-CB:	62+00.00		71+82.00



•NOTE:
STRIPE ALONG THE EDGE LINE SHALL BE OFFSET 2" FROM EDGE OF PAVEMENT.

EXISTING TYPICAL CROSS SECTION

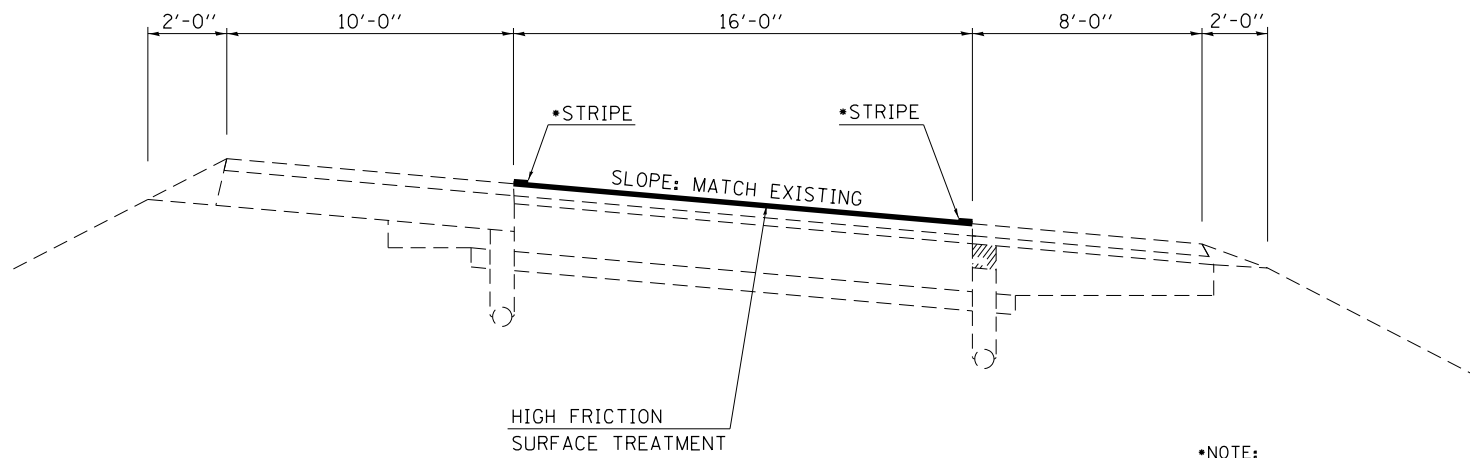
RAMP I-AD: STATION 87+00.00 TO STATION 100+56.00



• NOTE:
THE ALGEBRAIC DIFFERENCE BETWEEN THE RAMP PAVEMENT AND SHOULDER SLOPE SHALL NOT BE GREATER THAN 8% IN FULL SUPERELEVATION.

PROPOSED TYPICAL CROSS SECTION

RAMP I-AD: STATION 87+00.00 TO STATION 100+56.00



•NOTE:
STRIPE ALONG THE EDGE LINE SHALL BE OFFSET 2" FROM EDGE OF PAVEMENT.

SCHEDULE OF QUANTITIES

SHEET 1 OF 4

CLASS A PATCHING SCHEDULE. 13"

LOCATION	STATION TO	STATION	PLAN LENGTH	ACTUAL LENGTH	AVERAGE WIDTH	44200610	44200612	44200614	44213200	44213204	44213000	70300220
						TYPE II, 13"	TYPE III, 13"	TYPE IV, 13"	SAW CUTS	TIE BARS 3/4"	PATCHING REINFORCEMENT	TEMPORARY PAVEMENT MARKING - LINE 4"
						(SQ YD)	(SQ YD)	(SQ YD)	(FT)	(EACH)	(SQ YD)	(FT)
RAMP I-CA	212+83.00	213+05.00	22.00	22.40	16.00			39.82	108.80	30.0	39.82	44.80
RAMP I-CA	216+97.00	217+03.00	6.00	6.00	16.00	10.67			76.00	30.0	10.67	12.00
RAMP I-CA	217+74.00	217+80.00	6.00	6.00	16.00	10.67			76.00	30.0	10.67	12.00
RAMP I-CA	222+00.00	222+06.00	6.00	6.00	16.00	10.67			76.00	30.0	10.67	12.00
RAMP I-CA	MISC		6.00	6.00	16.00	10.67			76.00	30.0	10.67	12.00
RAMP I-CA	MISC		6.00	6.00	16.00	10.67			76.00	30.0	10.67	12.00
RAMP I-BD	44+40.00	44+95.00	55.00	56.70	16.00			100.80	177.40	30.0	100.80	113.40
RAMP I-BD	47+12.00	49+77.00	265.00	273.60	16.00			486.40	611.20	30.0	486.40	547.20
RAMP I-BD	51+34.00	52+00.00	66.00	67.90	16.00			120.71	199.80	30.0	120.71	135.80
RAMP I-BD	MISC		6.00	6.00	16.00	10.67			76.00	30.0	10.67	12.00
RAMP I-BC	167+60.00	167+70.00	10.00	10.20	16.00		18.13		84.40	30.0	18.13	20.40
RAMP I-BC	170+44.00	170+54.00	10.00	10.20	16.00		18.13		84.40	30.0	18.13	20.40
RAMP I-BC	MISC		6.00	6.00	16.00	10.67			76.00	30.0	10.67	12.00
RAMP I-BC	MISC		6.00	6.00	16.00	10.67			76.00	30.0	10.67	12.00
RAMP I-BC	MISC		6.00	6.00	16.00	10.67			76.00	30.0	10.67	12.00
RAMP I-BC	MISC		6.00	6.00	16.00	10.67			76.00	30.0	10.67	12.00
RAMP I-DA	21+64.00	23+00.00	136.00	140.50	16.00			249.78	345.00	30.0	249.78	281.00
RAMP I-DA	24+35.00	24+50.00	15.00	15.50	16.00			27.56	95.00	30.0	27.56	31.00
RAMP I-DA	24+80.00	25+40.00	60.00	62.10	16.00			110.40	188.20	30.0	110.40	124.20
RAMP I-DA	25+80.00	26+05.00	25.00	25.90	16.00			46.04	115.80	30.0	46.04	51.80
RAMP I-DA	29+35.00	30+00.00	65.00	67.00	16.00			119.11	198.00	30.0	119.11	134.00
RAMP I-DA	30+68.00	31+06.00	38.00	38.90	16.00			69.16	141.80	30.0	69.16	77.80
RAMP I-DA	MISC		6.00	6.00	16.00	10.67			76.00	30.0	10.67	12.00
RAMP I-DA	MISC		6.00	6.00	16.00	10.67			76.00	30.0	10.67	12.00
RAMP I-DA	MISC		6.00	6.00	16.00	10.67			76.00	30.0	10.67	12.00
RAMP I-DB	131+95.00	132+05.00	10.00	10.20	16.00		18.13		84.40	30.0	18.13	20.40
RAMP I-DB	135+00.00	137+00.00	200.00	200.00	16.00			355.56	464.00	30.0	355.56	400.00
RAMP I-DB	138+50.00	139+00.00	50.00	50.70	16.00			90.13	165.40	30.0	90.13	101.40
RAMP I-DB	140+85.00	141+50.00	65.00	66.20	16.00			117.69	196.40	30.0	117.69	132.40
RAMP I-DB	MISC		6.00	6.00	16.00	10.67			76.00	30.0	10.67	12.00
RAMP I-DB	MISC		6.00	6.00	16.00	10.67			76.00	30.0	10.67	12.00
RAMP I-DB	MISC		6.00	6.00	16.00	10.67			76.00	30.0	10.67	12.00
RAMP I-AC	2+75.00	3+38.00	63.00	65.30	16.00			116.09	194.60	30.0	116.09	130.60
RAMP I-AC	4+57.00	5+35.00	78.00	80.80	16.00			143.64	225.60	30.0	143.64	161.60
RAMP I-AC	6+30.00	7+19.00	89.00	92.50	16.00			164.44	249.00	30.0	164.44	185.00
RAMP I-AC	7+76.00	8+47.00	71.00	73.90	16.00			131.38	211.80	30.0	131.38	147.80
RAMP I-AC	9+35.00	11+84.00	249.00	256.90	16.00			456.71	577.80	30.0	456.71	513.80
SUB-TOTAL =						170.72	54.39	2945.42	5934.80	1110.00	3170.53	3566.80
						SQ YD	SQ YD	SQ YD	FT	EACH	SQ YD	FT

SCHEDULE OF QUANTITIES

SHEET 2 OF 4

CLASS A PATCHING SCHEDULE, 13" (CONTINUED)

LOCATION	STATION TO	STATION	PLAN LENGTH (FT)	ACTUAL LENGTH (FT)	AVERAGE WIDTH (FT)	44200610	44200612	44200614	44213200	44213204	44213000	70300220	
						TYPE II, 13"	TYPE III, 13"	TYPE IV, 13"	SAW CUTS (FT)	TIE BARS 3/4" (EACH)	PATCHING REINFORCEMENT (SQ YD)	TEMPORARY PAVEMENT MARKING - LINE 4" (FT)	
RAMP I-AD	88+80.00	89+20.00	40.00	40.80	16.00			72.53	145.60	30.0	72.53	81.60	
RAMP I-AD	90+00.00	90+10.00	10.00	10.30	16.00		18.31		84.60	30.0	18.31	20.60	
RAMP I-AD	91+00.00	91+65.00	65.00	65.80	16.00			116.98	195.60	30.0	116.98	131.60	
RAMP I-AD	92+45.00	92+55.00	10.00	10.00	16.00		17.78		84.00	30.0	17.78	20.00	
RAMP I-AD	93+00.00	93+30.00	30.00	30.00	16.00			53.33	124.00	30.0	53.33	60.00	
RAMP I-AD	94+85.00	95+60.00	75.00	75.00	16.00			133.33	214.00	30.0	133.33	150.00	
RAMP I-AD	98+04.00	98+14.00	10.00	10.30	16.00		18.31		84.60	30.0	18.31	20.60	
RAMP I-AD	99+77.00	100+13.00	36.00	36.70	16.00			65.24	137.40	30.0	65.24	73.40	
RAMP I-AD	MISC		6.00	6.00	16.00	10.67			76.00	30.0	10.67	12.00	
RAMP I-AD	MISC		6.00	6.00	16.00	10.67			76.00	30.0	10.67	12.00	
RAMP I-CB	63+00.00	63+10.00	10.00	10.40	16.00		18.49		84.80	30.0	18.49	20.80	
RAMP I-CB	67+95.00	68+05.00	10.00	10.40	16.00		18.49		84.80	30.0	18.49	20.80	
RAMP I-CB	MISC		6.00	6.00	16.00	10.67			76.00	30.0	10.67	12.00	
RAMP I-CB	MISC		6.00	6.00	16.00	10.67			76.00	30.0	10.67	12.00	
RAMP I-CB	MISC		6.00	6.00	16.00	10.67			76.00	30.0	10.67	12.00	
SUB-TOTAL =							53.35	91.38	441.41	1619.40	450.00	586.14	659.40
TOTAL =							224.07	145.77	3386.83	7554.20	1560.00	3756.67	4226.20
USE =							224.00	146.00	3387.00	7554.00	1560.00	3757.00	4226.00
							SQ YD	SQ YD	SQ YD	FT	EACH	SQ YD	FT

HIGH FRICTION SURFACE TREATMENT

LOCATION	STATION TO	STATION	PLAN LENGTH (FT)	ACTUAL LENGTH (FT)	AVERAGE WIDTH (FT)	AREA (SQ YD)	TRANSVERSE CRACKS (FT)	45100200	X0327693
								CRACK FILLING (POUND)	HIGH FRICTION SURFACE TREATMENT (SQ YD)
RAMP I-CA	206+70.00	222+12.00	1542.00	1554.00	16.00	2762.67	362.00	145.00	2762.67
RAMP I-BD	42+06.00	52+60.00	1054.00	1090.00	16.00	1937.78	175.00	70.00	1937.78
RAMP I-BC	166+70.00	180+50.00	1380.00	1394.00	16.00	2478.22	550.00	220.00	2478.22
RAMP I-DA	22+00.00	31+70.00	970.00	1004.00	16.00	1784.89	375.00	150.00	1784.89
RAMP I-DB	126+70.00	141+90.00	1520.00	1532.00	16.00	2723.56	450.00	180.00	2723.56
RAMP I-AC	2+20.00	12+36.00	1016.00	1052.00	16.00	1870.22	250.00	100.00	1870.22
RAMP I-AD	87+00.00	100+56.00	1356.00	1370.00	16.00	2435.56	525.00	210.00	2435.56
RAMP I-CB	62+00.00	71+82.00	982.00	1016.00	16.00	1806.22	400.00	160.00	1806.22
TOTAL =								1235.00	17799.11
USE =								1235.00	17800.00
								POUND	SQ YD

NOTE:
ALL STATIONING SHOWN OCCURS ON THE INSIDE OF THE CURVE. TO ACCOUNT FOR THE RADIUS, THE PLAN LENGTH WAS ADJUSTED TO CALCULATE THE ACTUAL LENGTH.

AN APPLICATION RATE OF 0.40 LBS / FOOT WAS USED TO DETERMINE CRACK FILLING QUANTITIES.

SCHEDULE OF QUANTITIES

SHEET 3 OF 4

40600982 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

40600985 PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT

LOCATION	STATION	TO	STATION	LENGTH (FT)	WIDTH (FT)	40600982	40600985
						HMA SURFACE REMOVAL - BUTT JOINT (SQ YD)	PCC SURFACE REMOVAL - BUTT JOINT (SQ YD)
RAMP I-CA	206+70.00		206+75.00	5.00	16.00		8.89
RAMP I-CA	222+07.00		222+12.00	5.00	16.00	8.89	
RAMP I-BD	42+06.00		42+11.00	5.00	16.00		8.89
RAMP I-BD	52+55.00		52+60.00	5.00	16.00	8.89	
RAMP I-BC	166+70.00		166+75.00	5.00	16.00	8.89	
RAMP I-BC	180+45.00		180+50.00	5.00	16.00	8.89	
RAMP I-DA	22+00.00		22+05.00	5.00	16.00		8.89
RAMP I-DA	31+65.00		31+70.00	5.00	16.00		8.89
RAMP I-DB	126+70.00		126+75.00	5.00	16.00	8.89	
RAMP I-DB	141+85.00		141+90.00	5.00	16.00	8.89	
RAMP I-AC	2+20.00		2+25.00	5.00	16.00		8.89
RAMP I-AC	12+31.00		12+36.00	5.00	16.00	8.89	
RAMP I-AD	87+00.00		87+05.00	5.00	16.00	8.89	
RAMP I-AD	100+51.00		100+56.00	5.00	16.00	8.89	
RAMP I-CB	62+00.00		62+05.00	5.00	16.00	8.89	
RAMP I-CB	71+77.00		71+82.00	5.00	16.00	8.89	
TOTAL =						97.78	44.44
USE =						98.00	45.00
						SQ YD	SQ YD

X7015005 CHANGEABLE MESSAGE SIGN

LOCATION	PUBLIC NOTIFICATION (CAL DA)	CLASS A PATCHING OPERATIONS (CAL DA)	HIGH FRICTION SURFACE TREATMENT OPERATIONS (CAL DA)	TOTAL QUANTITY (CAL DA)
FAI-74 E.B.	7.0			7.0
FAI-74 W.B.	7.0			7.0
FAI-57 N.B.	7.0			7.0
FAI-57 S.B.	7.0			7.0
RAMP I-CA	4.0	2.0	3.0	9.0
RAMP I-BD	4.0	5.0	3.0	12.0
RAMP I-BC	4.0	2.0	3.0	9.0
RAMP I-DA	4.0	5.0	3.0	12.0
RAMP I-DB	4.0	4.0	3.0	11.0
RAMP I-AC	4.0	5.0	3.0	12.0
RAMP I-AD	4.0	4.0	3.0	11.0
RAMP I-CB	4.0	2.0	3.0	9.0
MISC	8.0			8.0
TOTAL =				121.00 CAL DA

78300100 PAVEMENT MARKING REMOVAL

LOCATION	STATION	TO	STATION	PLAN LENGTH (FT)	ACTUAL LENGTH (FT)	ACTUAL QUANTITY (SQ FT)
RAMP I-CA RT.	206+70.00		222+12.00	1542.00	1542.00	514.00
RAMP I-CA LT.	206+70.00		207+72.00	102.00	104.00	69.33
RAMP I-CA LT.	207+72.00		221+52.00	1380.00	1400.00	466.67
RAMP I-CA LT.	221+52.00		222+12.00	60.00	62.00	41.33
RAMP I-BD RT.	42+06.00		52+60.00	1054.00	1054.00	351.33
RAMP I-BD LT.	42+06.00		42+34.00	28.00	30.00	20.00
RAMP I-BD LT.	42+34.00		52+02.00	968.00	1034.00	344.67
RAMP I-BD LT.	52+02.00		52+60.00	58.00	62.00	41.33
RAMP I-BC RT.	166+70.00		180+50.00	1380.00	1380.00	460.00
RAMP I-BC LT.	166+70.00		167+72.00	102.00	104.00	69.33
RAMP I-BC LT.	167+72.00		180+18.00	1246.00	1270.00	423.33
RAMP I-BC LT.	180+18.00		180+50.00	32.00	34.00	22.67
RAMP I-DA RT.	22+00.00		31+70.00	970.00	970.00	323.33
RAMP I-DA LT.	22+00.00		22+32.00	32.00	34.00	22.67
RAMP I-DA LT.	22+32.00		31+34.00	902.00	964.00	321.33
RAMP I-DA LT.	31+34.00		31+70.00	36.00	40.00	26.67
RAMP I-DB RT.	126+70.00		141+90.00	1520.00	1520.00	506.67
RAMP I-DB LT.	126+70.00		127+68.00	98.00	100.00	66.67
RAMP I-DB LT.	127+68.00		141+52.00	1384.00	1404.00	468.00
RAMP I-DB LT.	141+52.00		141+90.00	38.00	40.00	26.67
RAMP I-AC RT.	2+20.00		12+36.00	1016.00	1016.00	338.67
RAMP I-AC LT.	2+20.00		2+46.00	26.00	28.00	18.67
RAMP I-AC LT.	2+46.00		12+02.00	956.00	1024.00	341.33
RAMP I-AC LT.	12+02.00		12+36.00	34.00	36.00	24.00
RAMP I-AD RT.	87+00.00		100+56.00	1356.00	1356.00	452.00
RAMP I-AD LT.	87+00.00		88+00.00	100.00	102.00	68.00
RAMP I-AD LT.	88+00.00		100+00.00	1200.00	1224.00	408.00
RAMP I-AD LT.	100+00.00		100+56.00	56.00	58.00	38.67
RAMP I-CB RT.	62+00.00		71+82.00	982.00	982.00	327.33
RAMP I-CB LT.	62+00.00		62+40.00	40.00	42.00	28.00
RAMP I-CB LT.	62+40.00		71+52.00	912.00	976.00	325.33
RAMP I-CB LT.	71+52.00		71+82.00	30.00	32.00	21.33
TOTAL =					6977.33	
USE =					6978.00	
					SQ FT	

NOTE:
ALL STATIONING SHOWN OCCURS ON THE INSIDE OF THE CURVE.
TO ACCOUNT FOR THE RADIUS, THE PLAN LENGTH WAS ADJUSTED
TO CALCULATE THE ACTUAL LENGTH.

SCHEDULE OF QUANTITIES

SHEET 4 OF 4

78009004 MODIFIED URETHANE PAVEMENT MARKING - LINE 4"

LOCATION	STATION	TO	STATION	PLAN LENGTH (FT)	ACTUAL LENGTH (FT)	COLOR
RAMP I-CA RT.	206+70.00		222+12.00	1542.00	1542.00	WHITE
RAMP I-CA LT.	207+72.00		221+52.00	1380.00	1400.00	YELLOW
RAMP I-BD RT.	42+06.00		52+60.00	1054.00	1054.00	WHITE
RAMP I-BD LT.	42+34.00		52+02.00	968.00	1034.00	YELLOW
RAMP I-BC RT.	166+70.00		180+50.00	1380.00	1380.00	WHITE
RAMP I-BC LT.	167+72.00		180+18.00	1246.00	1270.00	YELLOW
RAMP I-DA RT.	22+00.00		31+70.00	970.00	970.00	WHITE
RAMP I-DA LT.	22+32.00		31+34.00	902.00	964.00	YELLOW
RAMP I-DB RT.	126+70.00		141+90.00	1520.00	1520.00	WHITE
RAMP I-DB LT.	127+68.00		141+52.00	1384.00	1404.00	YELLOW
RAMP I-AC RT.	2+20.00		12+36.00	1016.00	1016.00	WHITE
RAMP I-AC LT.	2+46.00		12+02.00	956.00	1024.00	YELLOW
RAMP I-AD RT.	87+00.00		100+56.00	1356.00	1356.00	WHITE
RAMP I-AD LT.	88+00.00		100+00.00	1200.00	1224.00	YELLOW
RAMP I-CB RT.	62+00.00		71+82.00	982.00	982.00	WHITE
RAMP I-CB LT.	62+40.00		71+52.00	912.00	976.00	YELLOW
TOTAL =				19116.00	FT	

NOTE:

ALL STATIONING SHOWN OCCURS ON THE INSIDE OF THE CURVE.
TO ACCOUNT FOR THE RADIUS, THE PLAN LENGTH WAS ADJUSTED
TO CALCULATE THE ACTUAL LENGTH.

78009008 MODIFIED URETHANE PAVEMENT MARKING - LINE 8"

LOCATION	STATION	TO	STATION	PLAN LENGTH (FT)	ACTUAL LENGTH (FT)	COLOR
RAMP I-CA LT.	206+70.00		207+72.00	102.00	104.00	WHITE
RAMP I-CA LT.	221+52.00		222+12.00	60.00	62.00	WHITE
RAMP I-BD LT.	42+06.00		42+34.00	28.00	30.00	WHITE
RAMP I-BD LT.	52+02.00		52+60.00	58.00	62.00	WHITE
RAMP I-BC LT.	166+70.00		167+72.00	102.00	104.00	WHITE
RAMP I-BC LT.	180+18.00		180+50.00	32.00	34.00	WHITE
RAMP I-DA LT.	22+00.00		22+32.00	32.00	34.00	WHITE
RAMP I-DA LT.	31+34.00		31+70.00	36.00	40.00	WHITE
RAMP I-DB LT.	126+70.00		127+68.00	98.00	100.00	WHITE
RAMP I-DB LT.	141+52.00		141+90.00	38.00	40.00	WHITE
RAMP I-AC LT.	2+20.00		2+46.00	26.00	28.00	WHITE
RAMP I-AC LT.	12+02.00		12+36.00	34.00	36.00	WHITE
RAMP I-AD LT.	87+00.00		88+00.00	100.00	102.00	WHITE
RAMP I-AD LT.	100+00.00		100+56.00	56.00	58.00	WHITE
RAMP I-CB LT.	62+00.00		62+40.00	40.00	42.00	WHITE
RAMP I-CB LT.	71+52.00		71+82.00	30.00	32.00	WHITE
TOTAL =				908.00	FT	

NOTE:

ALL STATIONING SHOWN OCCURS ON THE INSIDE OF THE CURVE.
TO ACCOUNT FOR THE RADIUS, THE PLAN LENGTH WAS ADJUSTED
TO CALCULATE THE ACTUAL LENGTH.

78100100 RAISED REFLECTIVE PAVEMENT MARKER

78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

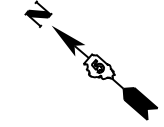
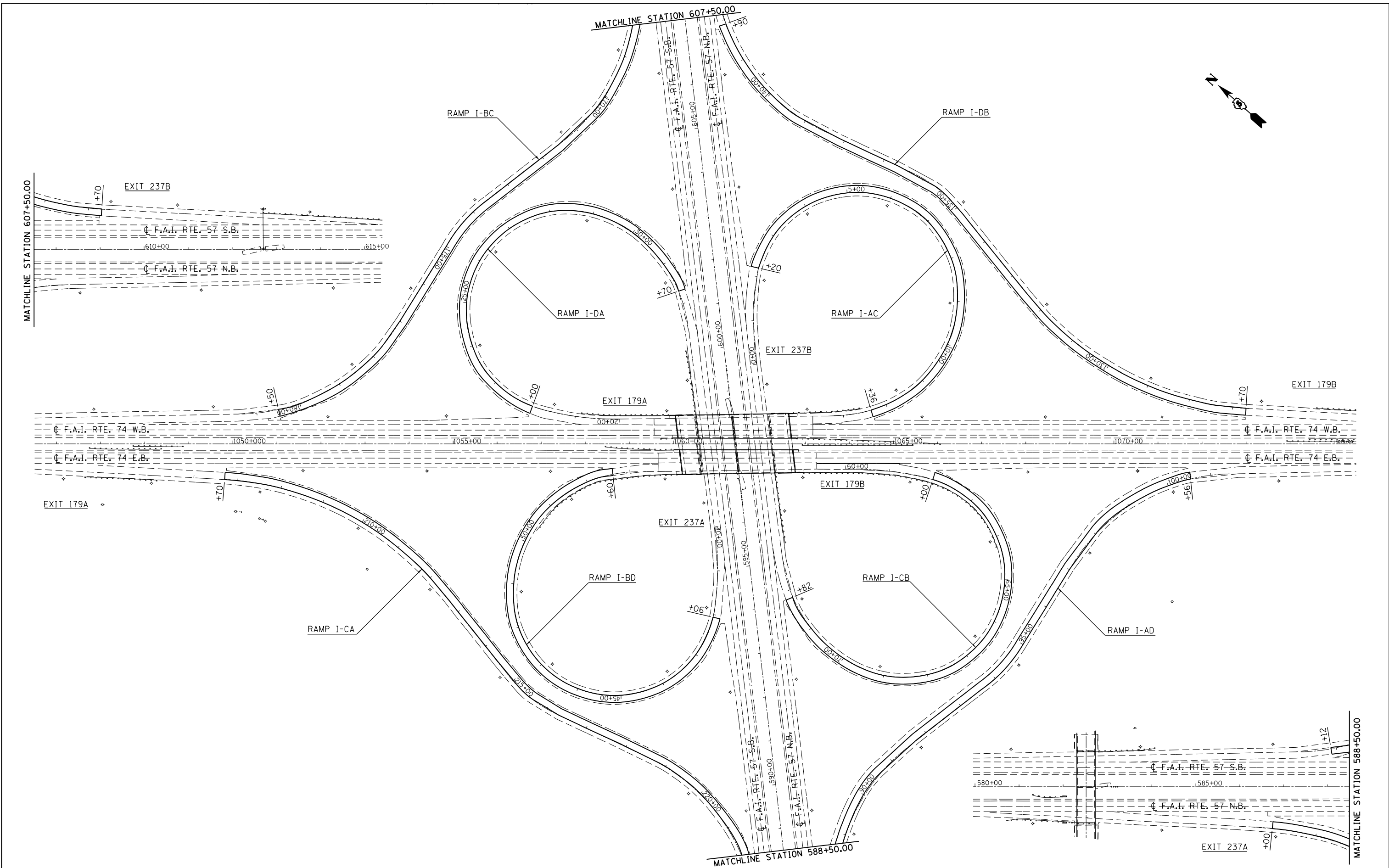
LOCATION	STATION	TO	STATION	LENGTH (FT)	78100100	78100100	78300200
					ONE-WAY AMBER QUANTITY (EACH)	ONE-WAY CRYSTAL QUANTITY (EACH)	RRPM REMOVAL (EACH)
RAMP I-CA RT.	206+70.00		207+72.00	102.00		6.0	6.0
RAMP I-CA LT.	206+70.00		207+72.00	102.00		3.0	3.0
RAMP I-CA LT.	207+72.00		212+45.65	473.65	13.0		13.0
RAMP I-BD RT.	42+06.00		42+34.00	28.00		2.0	2.0
RAMP I-BD LT.	42+06.00		42+34.00	28.00		1.0	1.0
RAMP I-BD LT.	42+34.00		48+49.45	615.45	17.0		17.0
RAMP I-BC RT.	166+70.00		167+72.00	102.00		6.0	6.0
RAMP I-BC LT.	166+70.00		167+72.00	102.00		3.0	3.0
RAMP I-BC LT.	167+72.00		171+43.60	371.60	11.0		11.0
RAMP I-DA RT.	22+00.00		22+32.00	32.00		2.0	2.0
RAMP I-DA LT.	22+00.00		22+32.00	32.00		1.0	1.0
RAMP I-DA LT.	22+32.00		29+37.71	705.71	19.0		19.0
RAMP I-DB RT.	126+70.00		127+68.00	98.00		6.0	6.0
RAMP I-DB LT.	126+70.00		127+68.00	98.00		3.0	3.0
RAMP I-DB LT.	127+68.00		132+39.75	471.75	13.0		13.0
RAMP I-AC RT.	2+20.00		2+46.00	26.00		2.0	2.0
RAMP I-AC LT.	2+20.00		2+46.00	26.00		1.0	1.0
RAMP I-AC LT.	2+46.00		8+56.48	610.48	17.0		17.0
RAMP I-AD RT.	87+00.00		88+00.00	100.00		6.0	6.0
RAMP I-AD LT.	87+00.00		88+00.00	100.00		3.0	3.0
RAMP I-AD LT.	88+00.00		93+79.94	579.94	16.0		16.0
RAMP I-CB RT.	62+00.00		62+40.00	40.00		3.0	3.0
RAMP I-CB LT.	62+00.00		62+40.00	40.00		1.0	1.0
RAMP I-CB LT.	62+40.00		69+51.39	711.39	19.0		19.0
TOTAL =					125.0	49.0	174.0
					EACH	EACH	EACH

RADAR SPEED SIGN

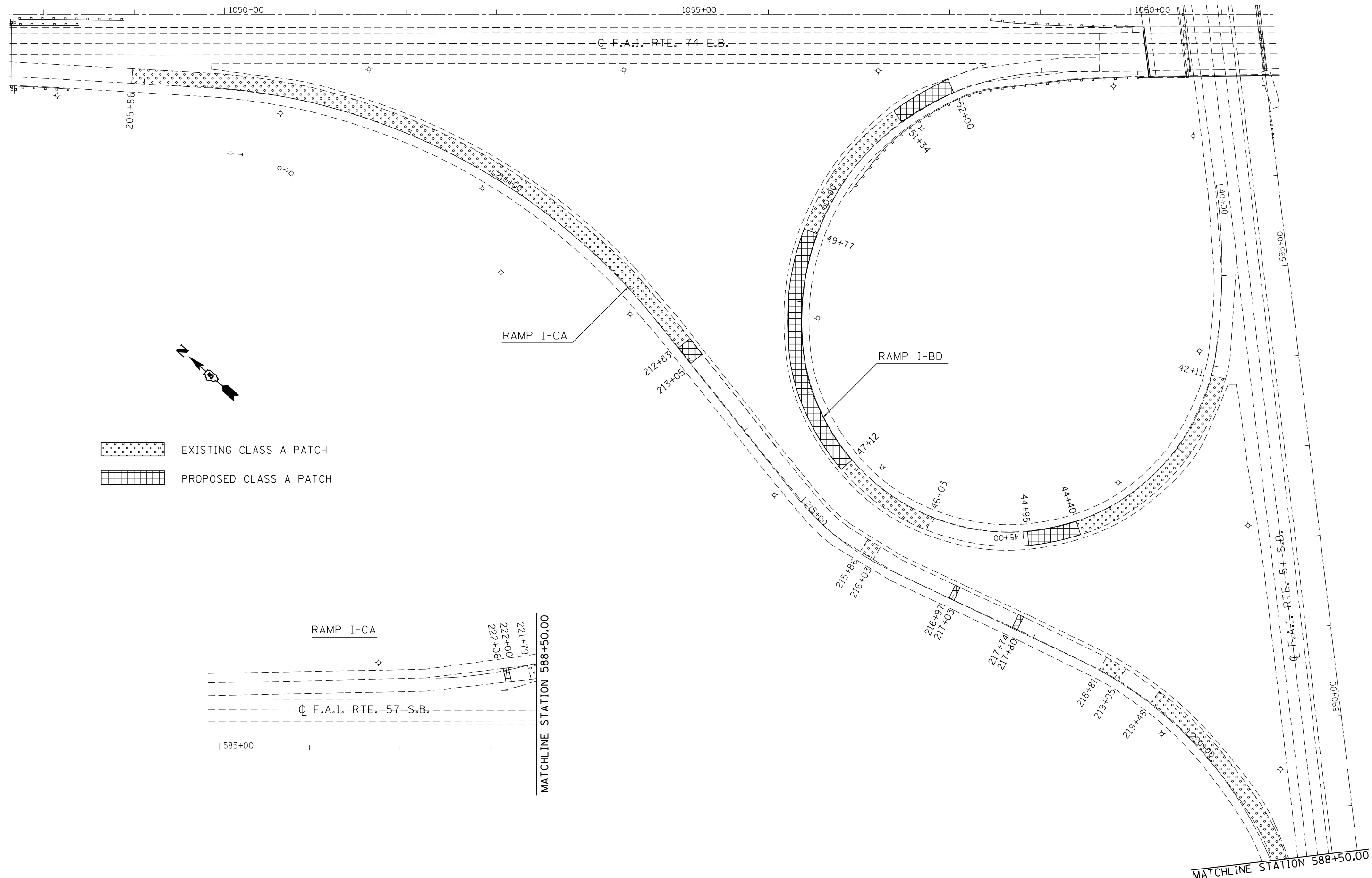
LOCATION	STATION	87800100	87502720	X0326852
		CONCRETE FOUNDATION, TYPE A (FT)	TRAFFIC SIGNAL POST, ALUMINUM 18 FT (EACH)	RADAR SPEED SIGN (EACH)
RAMP I-CA RT.	TO BE DETERMINED	3.0	1.0	1.0
RAMP I-BC RT.	TO BE DETERMINED	3.0	1.0	1.0
RAMP I-DB RT.	TO BE DETERMINED	3.0	1.0	1.0
RAMP I-AD RT.	TO BE DETERMINED	3.0	1.0	1.0
TOTAL =		12.0	4.0	4.0
		FT	EACH	EACH

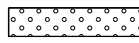

NOTE:

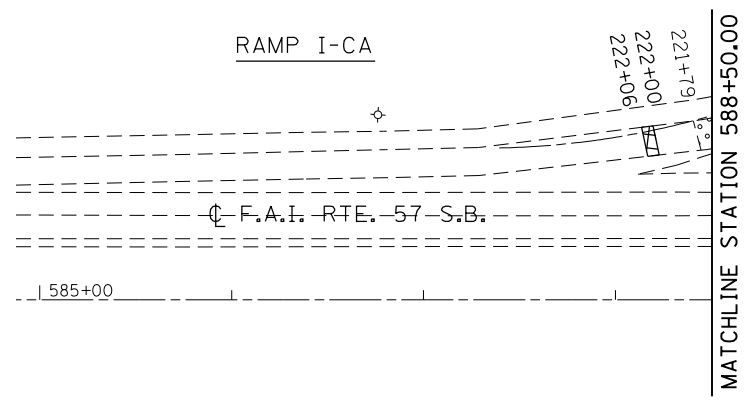
THE STATION FOR THE RADAR SPEED WILL BE DETERMINED BY THE TRAFFIC OPERATIONS ENGINEER. CONTACT GARY SIMS AT 217-251-4859 ONE WEEK PRIOR TO INSTALLATION FOR LOCATIONS.



FILE NAME =	USER NAME = eaglincg	DESIGNED - GAE	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RAMP IDENTIFICATION MAP				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\p\id\ea\aglincg\0363405\0570A52-sht-plan.dgn		DRAWN - GAE	REVISED -		57	HFSC 2014-1	CHAMPAIGN	31	10				
MODELNAME	PLOT SCALE = 200.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.				CONTRACT NO. 70A52				
	PLOT DATE = 12/6/2013	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								



 EXISTING CLASS A PATCH
 PROPOSED CLASS A PATCH

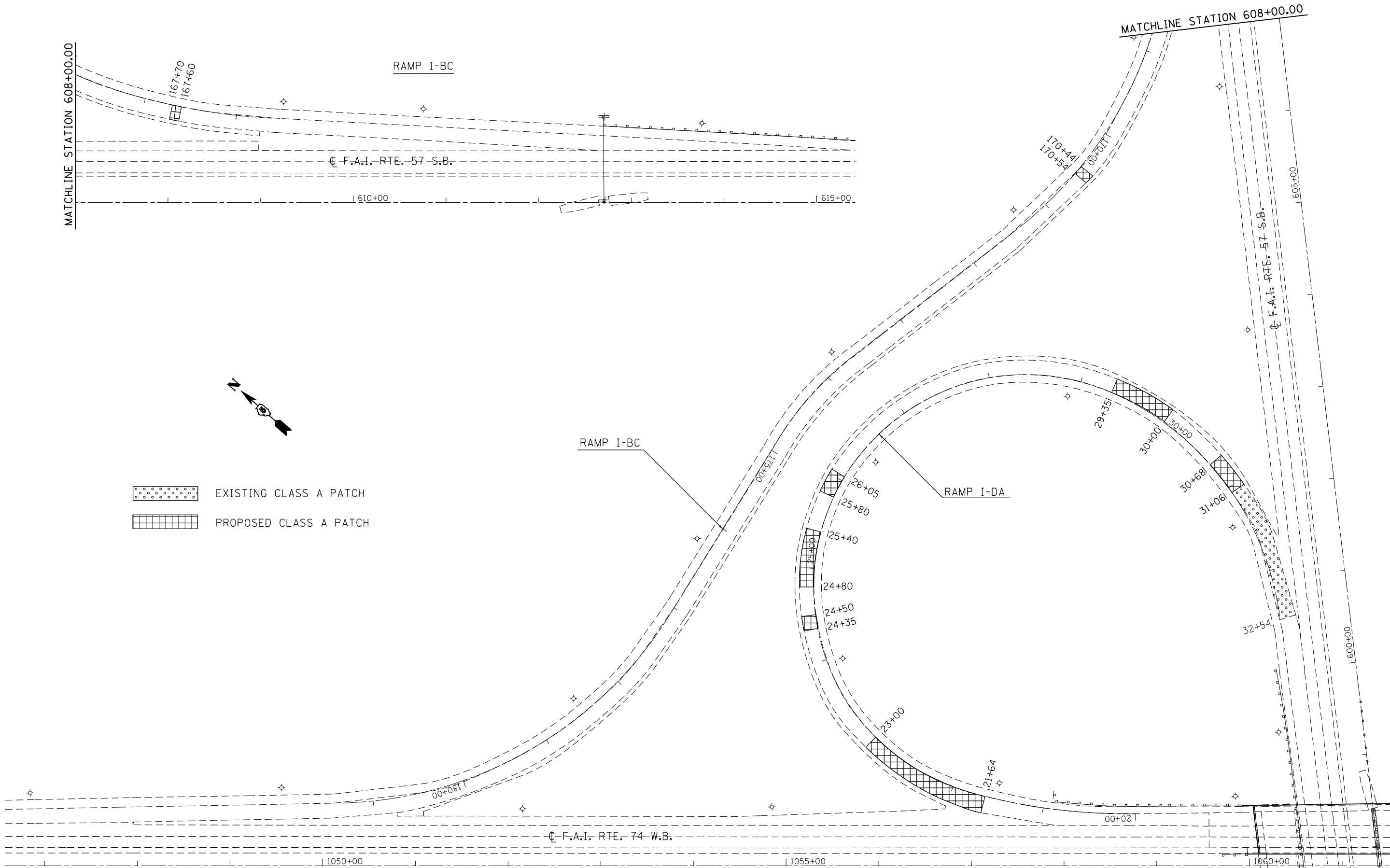




FILE NAME =	USER NAME = eaglinge	DESIGNED - GAE	REVISED -
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MODELNAME	PLOT DATE = 12/6/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS (PATCHING)			
RAMP I-CA & RAMP I-BD			
SCALE:	SHEET 1	OF 4 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	HFSC 2014-1	CHAMPAIGN	31	11
			CONTRACT NO. 70A52	
ILLINOIS FED. AID PROJECT				



-  EXISTING CLASS A PATCH
-  PROPOSED CLASS A PATCH

FILE NAME =	USER NAME = eaglinge	DESIGNED - GAE	REVISED -
c:\pw\work\p1\dot\ea\linge\d0363405\0570A52-sht-Patch.dgn		DRAWN - GAE	REVISED -
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
#MODELNAME#	PLOT DATE = 12/6/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

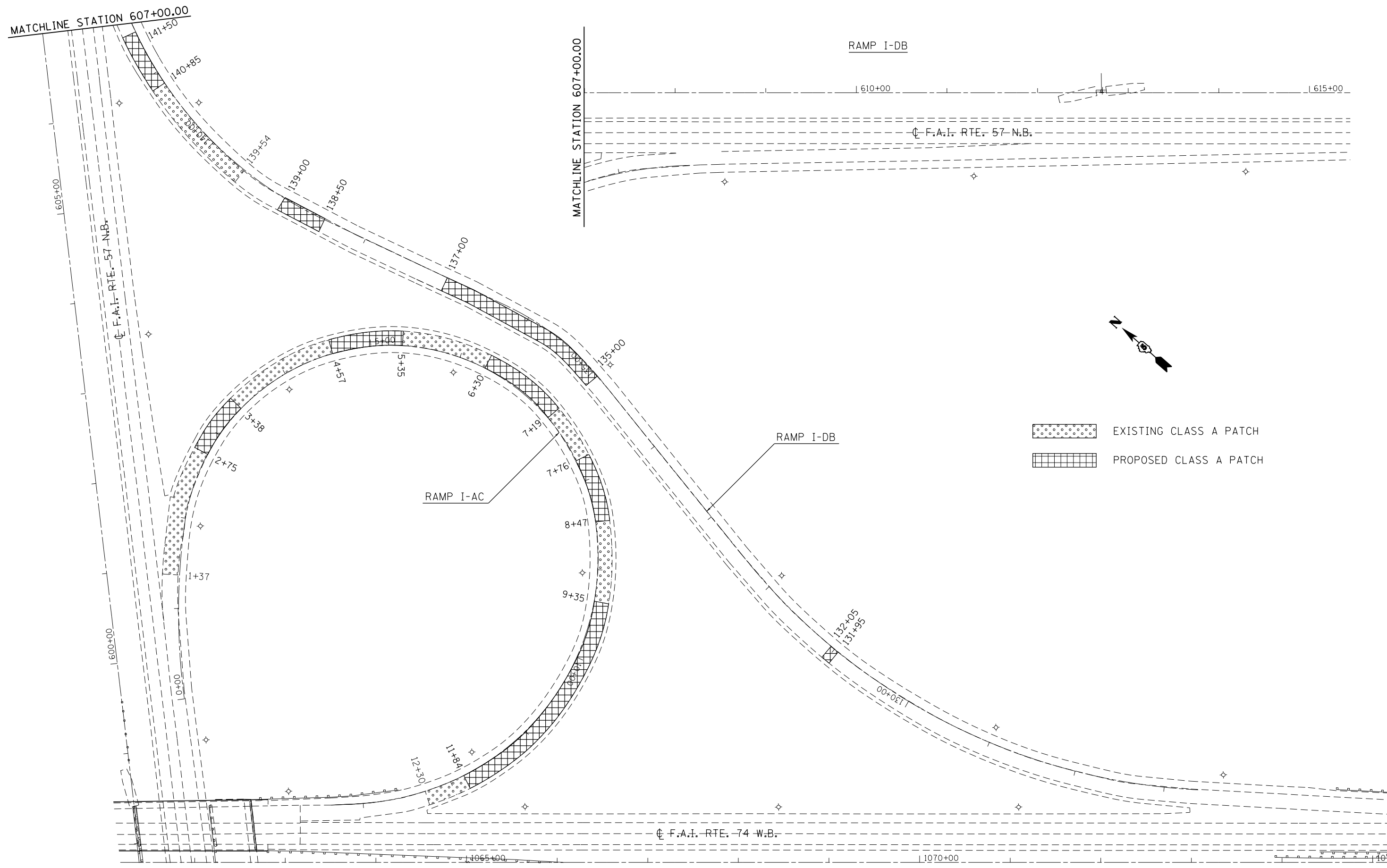
**PLAN SHEETS (PATCHING)
RAMP I-BC & RAMP I-DA**

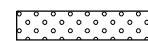

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	HFSC 2014-1	CHAMPAIGN	31	12
CONTRACT NO. 70A52			ILLINOIS FED. AID PROJECT	

MATCHLINE STATION 607+00.00

MATCHLINE STATION 607+00.00



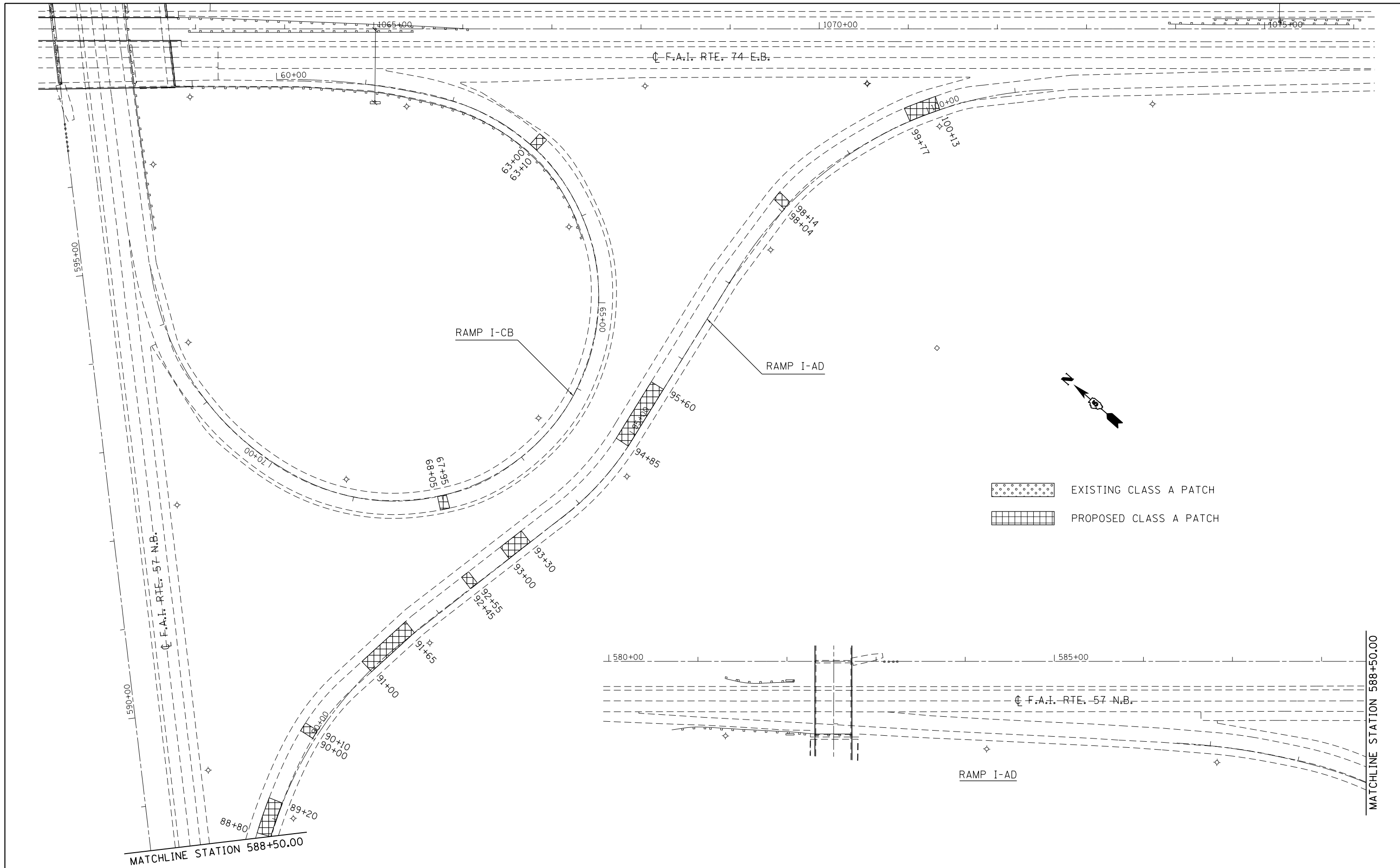
-  EXISTING CLASS A PATCH
-  PROPOSED CLASS A PATCH

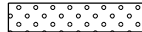

FILE NAME =	USER NAME = eaglinge	DESIGNED - GAE	REVISED -
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MODELNAME	PLOT DATE = 12/6/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS (PATCHING)			
RAMP I-DB & RAMP I-AC			
SCALE:	SHEET 3	OF 4 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	HFSC 2014-1	CHAMPAIGN	31	13
CONTRACT NO. 70A52			ILLINOIS FED. AID PROJECT	



 EXISTING CLASS A PATCH
 PROPOSED CLASS A PATCH

FILE NAME =	USER NAME = eaglino	DESIGNED - GAE	REVISED -
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\$MODELNAME\$	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/6/2013	DATE -	REVISED -

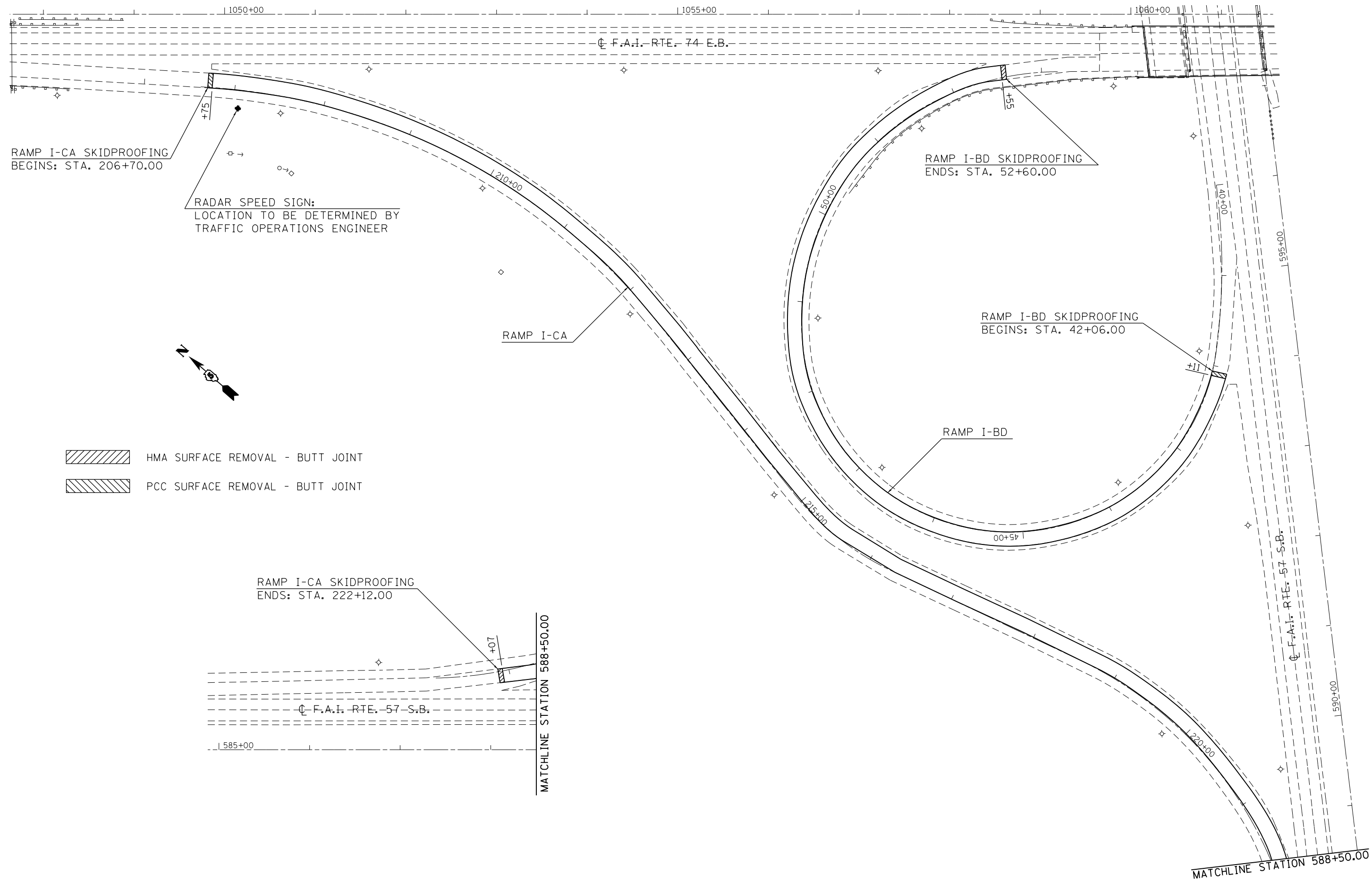
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS (PATCHING)
RAMP I-AD & RAMP I-CB

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

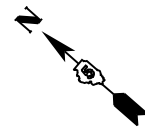
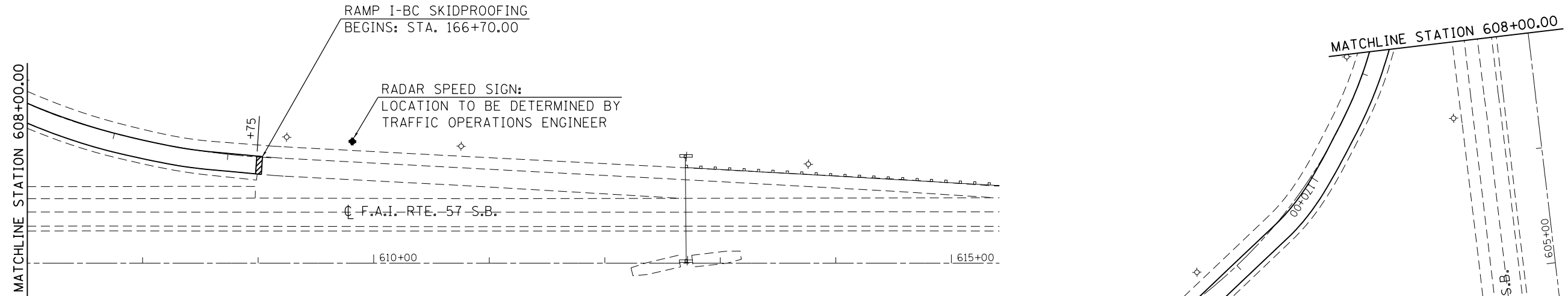
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	HFSC 2014-1	CHAMPAIGN	31	14
CONTRACT NO. 70A52			ILLINOIS FED. AID PROJECT	

MATCHLINE STATION 588+50.00

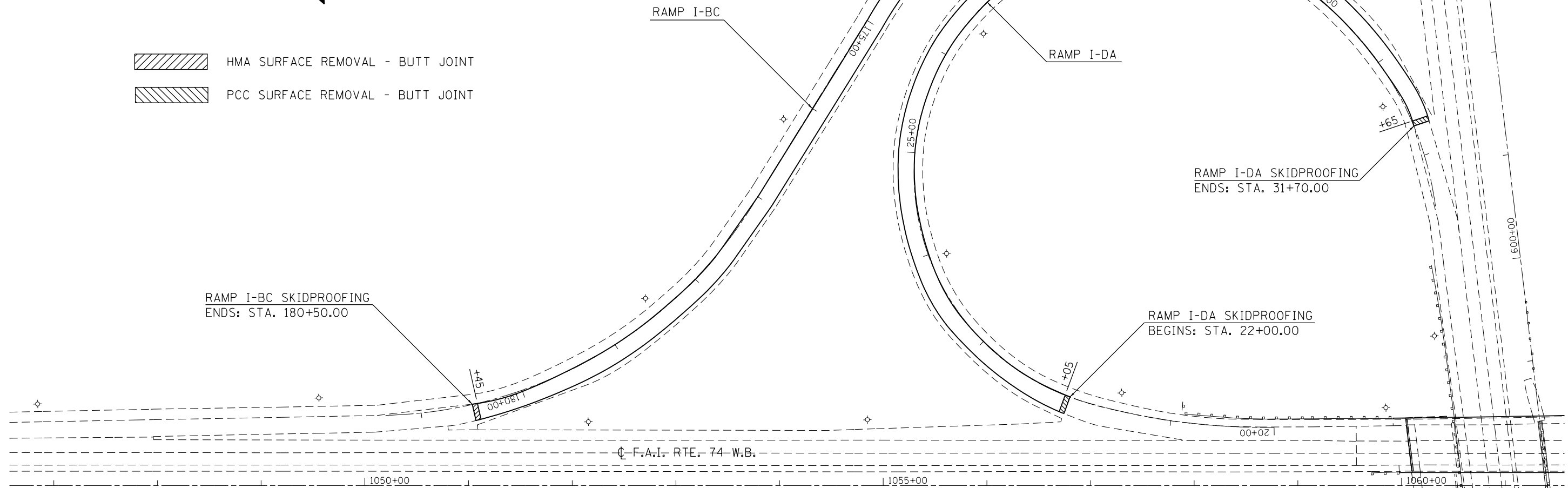


FILE NAME =	USER NAME = eaglino	DESIGNED - GAE	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEETS (HIGH FRICTION SURFACE TREATMENT) RAMP I-CA & RAMP I-BD	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pwork\pidot\eaaglino\0363405\0570A52-sht-HFST.dgn	DRAWN - GAE	REVISED -	57			HFSC 2014-1	CHAMPAIGN	31	15	
MODELNAME	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 70A52				
	PLOT DATE = 12/6/2013	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

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



- HMA SURFACE REMOVAL - BUTT JOINT
- PCC SURFACE REMOVAL - BUTT JOINT



FILE NAME =	USER NAME = eaglino	DESIGNED - GAE	REVISED -
c:\pw\work\p1dot\eaaglino\d0363405\0570A52-sh1-HFST.dgn		DRAWN - GAE	REVISED -
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 12/6/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

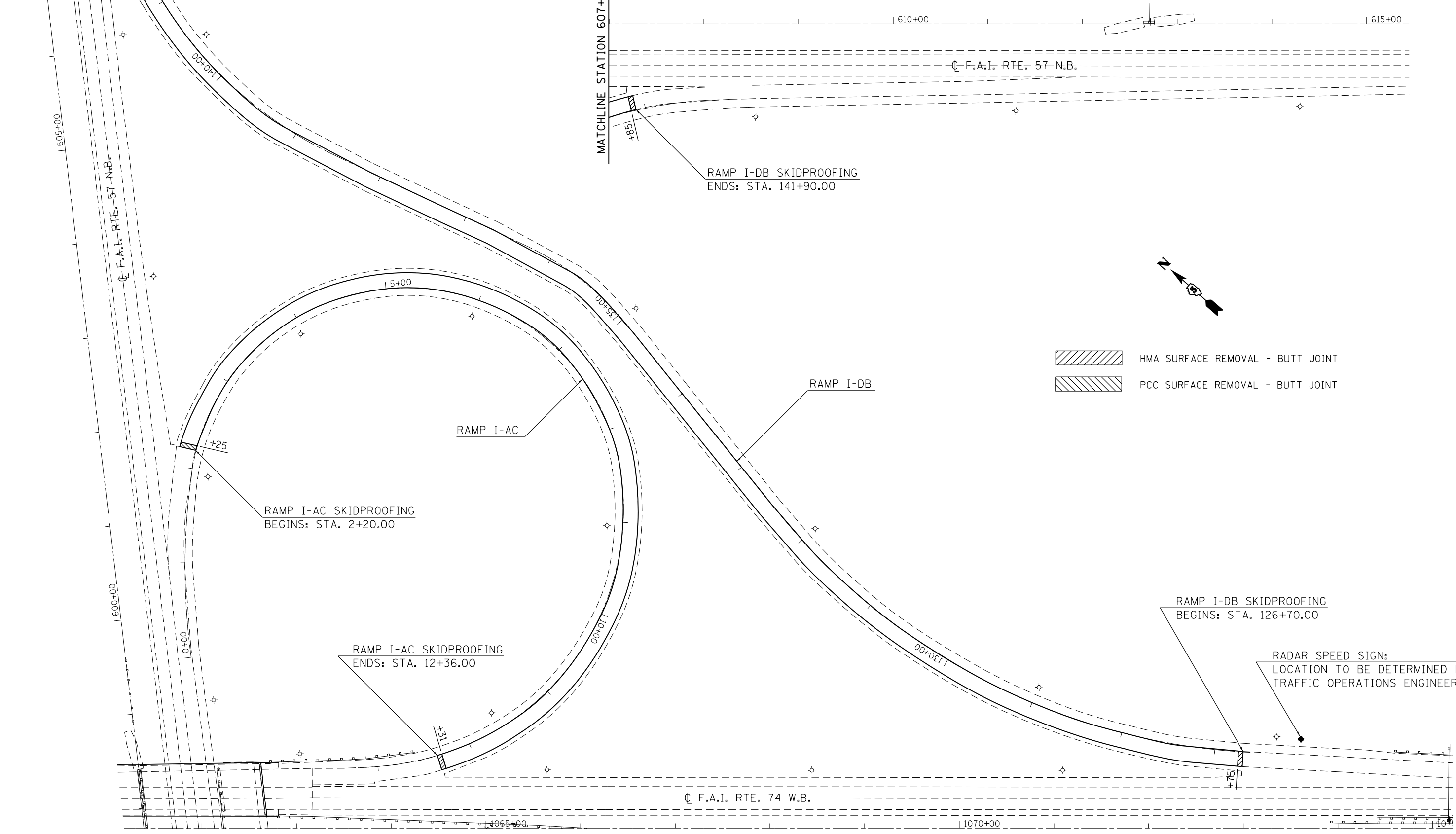
**PLAN SHEETS (HIGH FRICTION SURFACE TREATMENT)
RAMP I-BC & RAMP I-DA**


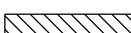
SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

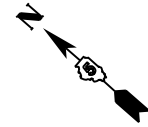
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	HFSC 2014-1	CHAMPAIGN	31	16
CONTRACT NO. 70A52			ILLINOIS FED. AID PROJECT	

MATCHLINE STATION 607+00.00

MATCHLINE STATION 607+00.00



-  HMA SURFACE REMOVAL - BUTT JOINT
-  PCC SURFACE REMOVAL - BUTT JOINT



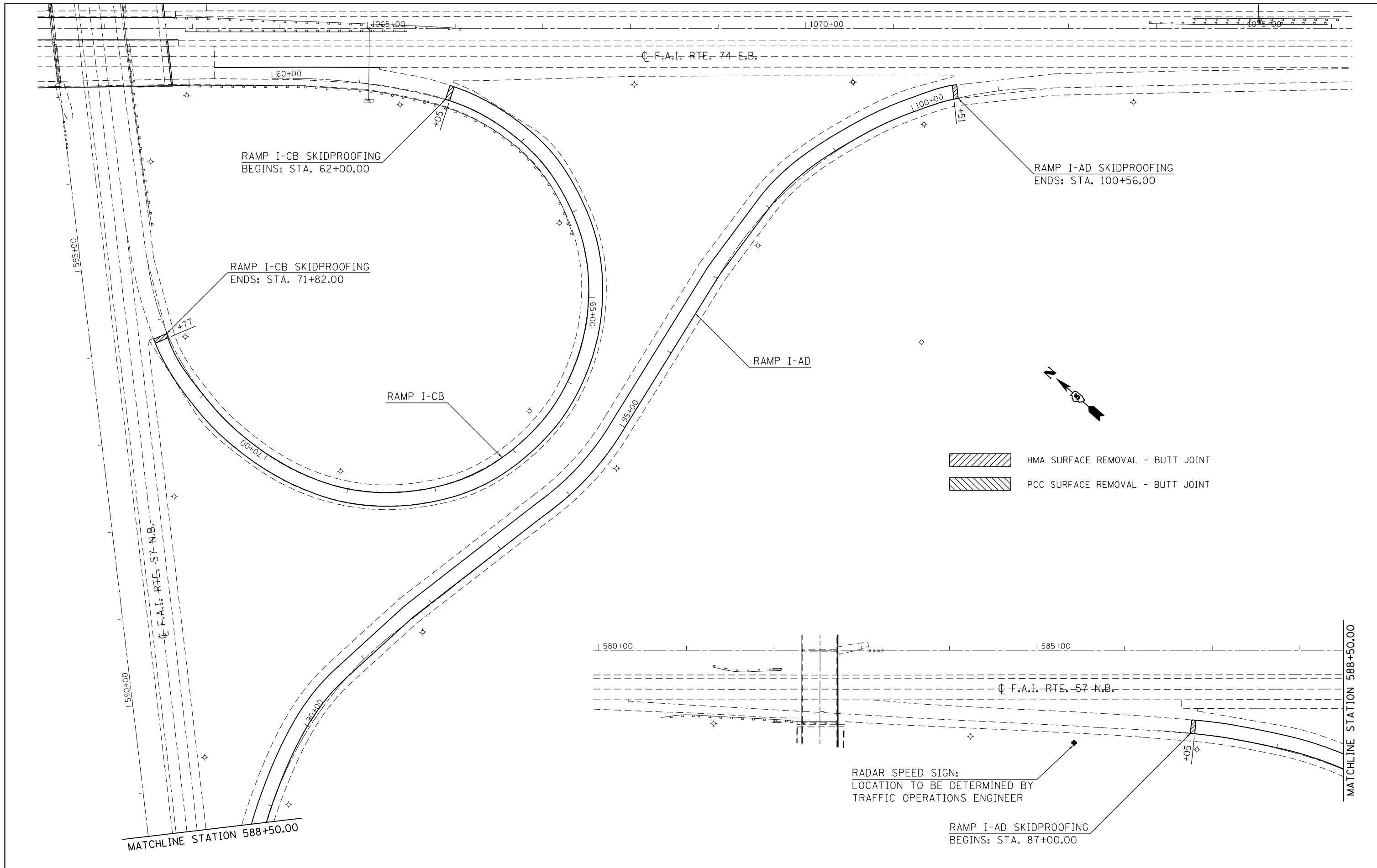
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
MODELNAME	PLOT DATE = 12/6/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

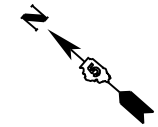
**PLAN SHEETS (HIGH FRICTION SURFACE TREATMENT)
RAMP I-DB & RAMP I-AC**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	HFSC 2014-1	CHAMPAIGN	31	17
CONTRACT NO. 70A52			ILLINOIS FED. AID PROJECT	

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



- HMA SURFACE REMOVAL - BUTT JOINT
- PCC SURFACE REMOVAL - BUTT JOINT



RADAR SPEED SIGN:
LOCATION TO BE DETERMINED BY
TRAFFIC OPERATIONS ENGINEER

RAMP I-AD SKIDPROOFING
BEGINS: STA. 87+00.00

FILE NAME =	USER NAME = eaglimg	DESIGNED - GAE	REVISED -
et:\pw\work\p\dot\ea\limg\d0363405\0570A52-shr-HFST.dgn		DRAWN - GAE	REVISED -
\$MODELNAME\$	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/6/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEETS (HIGH FRICTION SURFACE TREATMENT)
RAMP I-AD & RAMP I-CB**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	HFSC 2014-1	CHAMPAIGN	31	18
CONTRACT NO. 70A52			ILLINOIS FED. AID PROJECT	

DETOUR SIGNING FOR RAMP I-CA

LEGEND

(A)

DETOUR M4-8 (24x12) (0)

SOUTH M3-4 (24x12) WHITE ON BLUE

INTERSTATE M1-1 (24x24) WHITE ON BLUE

57

ALL ARROW SIGNS (21x15) BLACK ON ORANGE

END DETOUR M4-8A (24x18) (0)

CHANGEABLE MESSAGE SIGN

(A)

ERECT ±150' PAST EXIT RAMP

RAMP I-CA:
EXIT 179A

MATTIS AVE.

OLYMPIAN DR.

N. PROSPECT AVE.

MARKET ST.

EXIT 240

END DETOUR
ERECT UNDER GREENBOARD

(A)

ERECT BEHIND LT. SIDE DO NOT ENTER SIGN

(A)

ERECT ±75' PRIOR TO EXIT RAMP

(A)

ERECT ±400' PRIOR TO EXIT RAMP

(A)

ERECT ±150' PAST EXIT RAMP






RAMP I-CA - EXIT 179A:

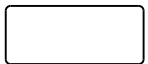
TAKE I-74 EAST TO EXIT 179B AND GO NORTH ON I-57 TO EXIT 240, THEN COME BACK SOUTH ON I-57

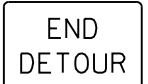
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ct:\pw\work\p\dot\ea\linge\d0363405\05070A52-sh1-detour.dgn	0A52-sh1-detour.dgn	DRAWN - GAE	REVISED -		57	HFSC 2014-1	CHAMPAIGN	31	19			
#MODELNAME#	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET 1 OF 8 SHEETS STA. TO STA.			CONTRACT NO. 70A52				
	PLOT DATE = 12/6/2013	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

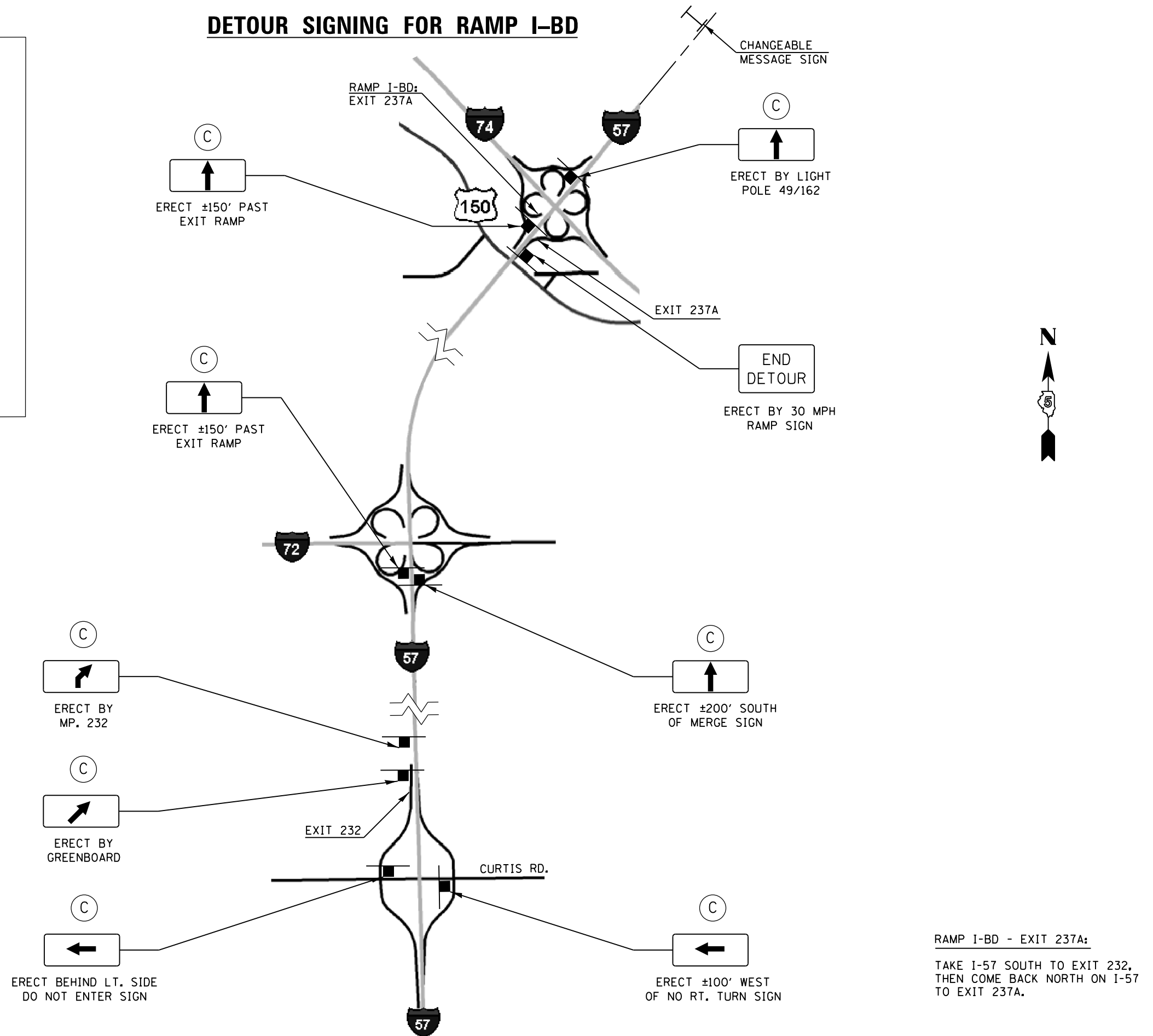
DETOUR SIGNING FOR RAMP I-BD

LEGEND

(C)
 M4-8 (24x12) (0)
 M3-4 (24x12) WHITE ON BLUE
 M1-1 (24x24) WHITE ON BLUE

 ALL ARROW SIGNS (21x15) BLACK ON ORANGE

 M4-8A (24x18) (0)



RAMP I-BD - EXIT 237A:
 TAKE I-57 SOUTH TO EXIT 232,
 THEN COME BACK NORTH ON I-57
 TO EXIT 237A.

FILE NAME =	USER NAME = eaglinge	DESIGNED - GAE	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETOUR SIGNING FOR RAMP I-BD			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\p\dot\ea\linge\d0363405\050	0A52-sh-t-detour.dgn	DRAWN - GAE	REVISED -		57	HFSC 2014-1	CHAMPAIGN	31	20			
MODELNAME	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET 2 OF 8 SHEETS STA. TO STA.			CONTRACT NO. 70A52				
	PLOT DATE = 12/6/2013	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

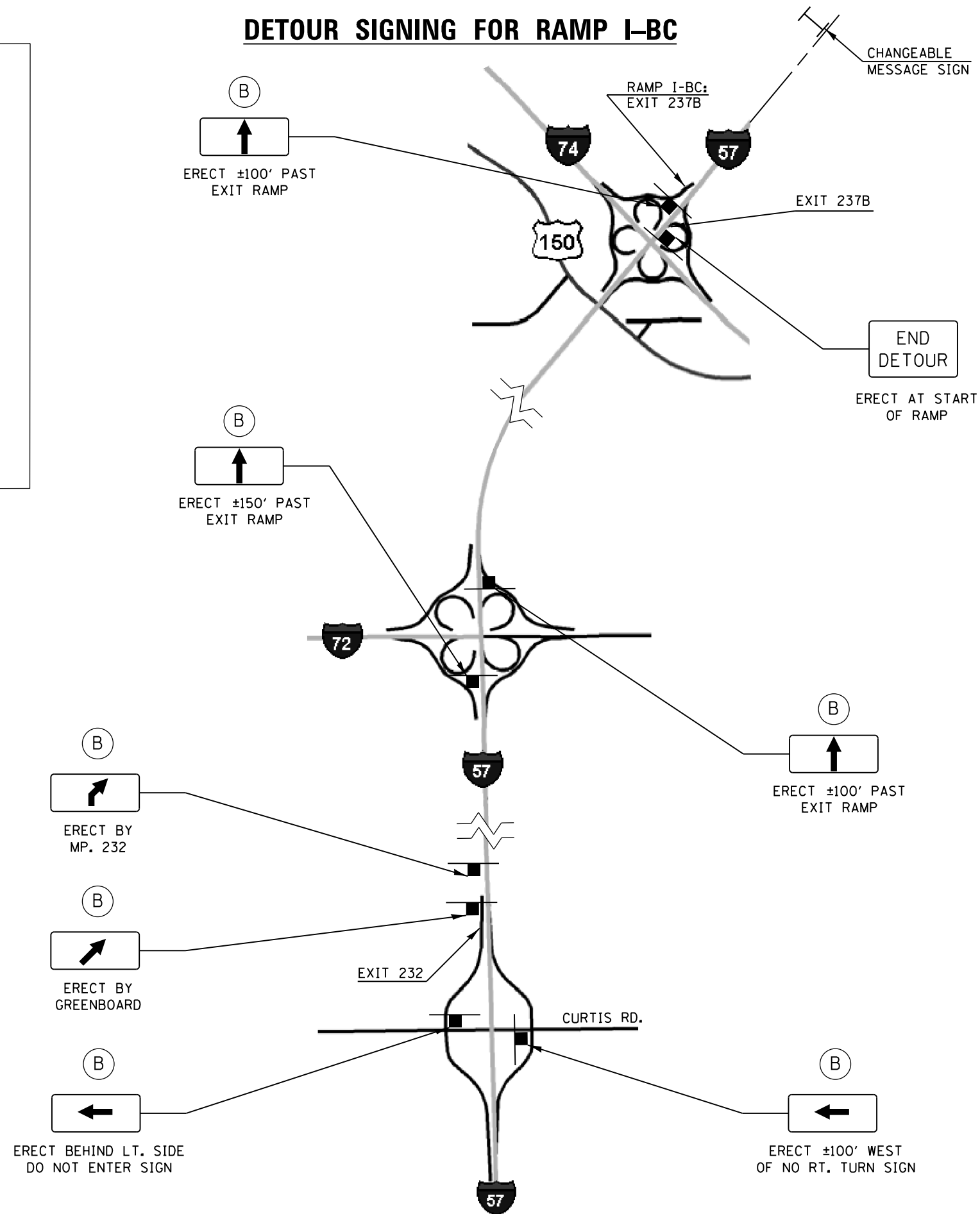
DETOUR SIGNING FOR RAMP I-BC

LEGEND

(B)
 M4-8 (24x12) (0)
 M3-4 (24x12) WHITE ON BLUE
 M1-1 (24x24) WHITE ON BLUE

ALL ARROW SIGNS (21x15) BLACK ON ORANGE

M4-8A (24x18) (0)



RAMP I-BC - EXIT 237B:
 TAKE I-57 SOUTH TO EXIT 232,
 THEN COME BACK NORTH ON I-57
 TO EXIT 237B.

FILE NAME =	USER NAME = eaglinge	DESIGNED - GAE	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETOUR SIGNING FOR RAMP I-BC			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\p\dot\ea\linge\d0363405\050	0A52-sh-t-detour.dgn	DRAWN - GAE	REVISED -		57	HFSC 2014-1	CHAMPAIGN	31	21			
MODELNAME	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET 3 OF 8 SHEETS STA. TO STA.			CONTRACT NO. 70A52				
	PLOT DATE = 12/6/2013	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

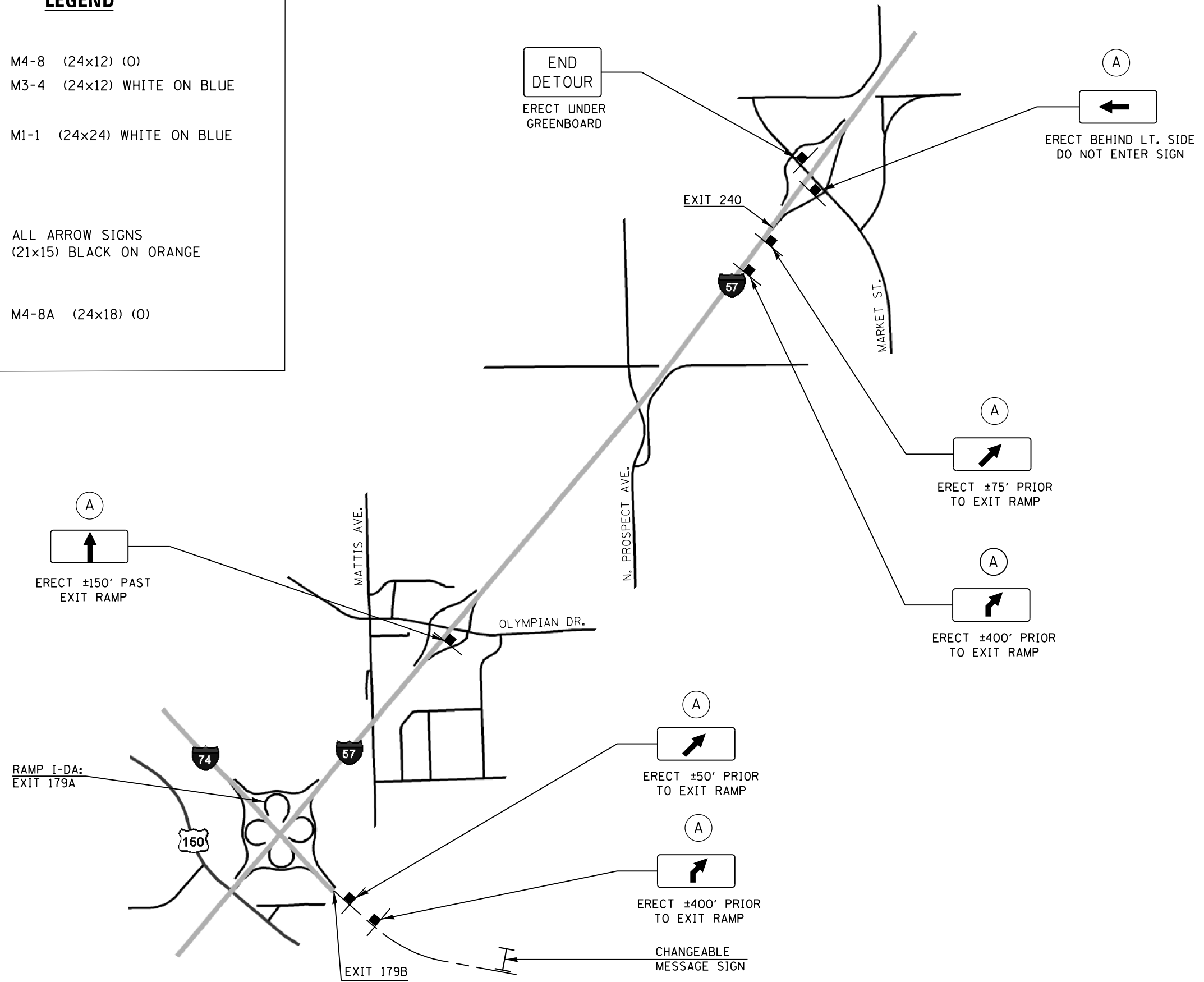
DETOUR SIGNING FOR RAMP I-DA

LEGEND

(A) ↓
 DETOUR SOUTH INTERSTATE 57
 M4-8 (24x12) (0)
 M3-4 (24x12) WHITE ON BLUE
 M1-1 (24x24) WHITE ON BLUE

ALL ARROW SIGNS (21x15) BLACK ON ORANGE

END DETOUR M4-8A (24x18) (0)



RAMP I-DA - EXIT 179A:
 TAKE I-74 WEST TO EXIT 179B AND GO NORTH ON I-57 TO EXIT 240, THEN COME BACK SOUTH ON I-57.

DETOUR SIGNING FOR RAMP I-DB

LEGEND

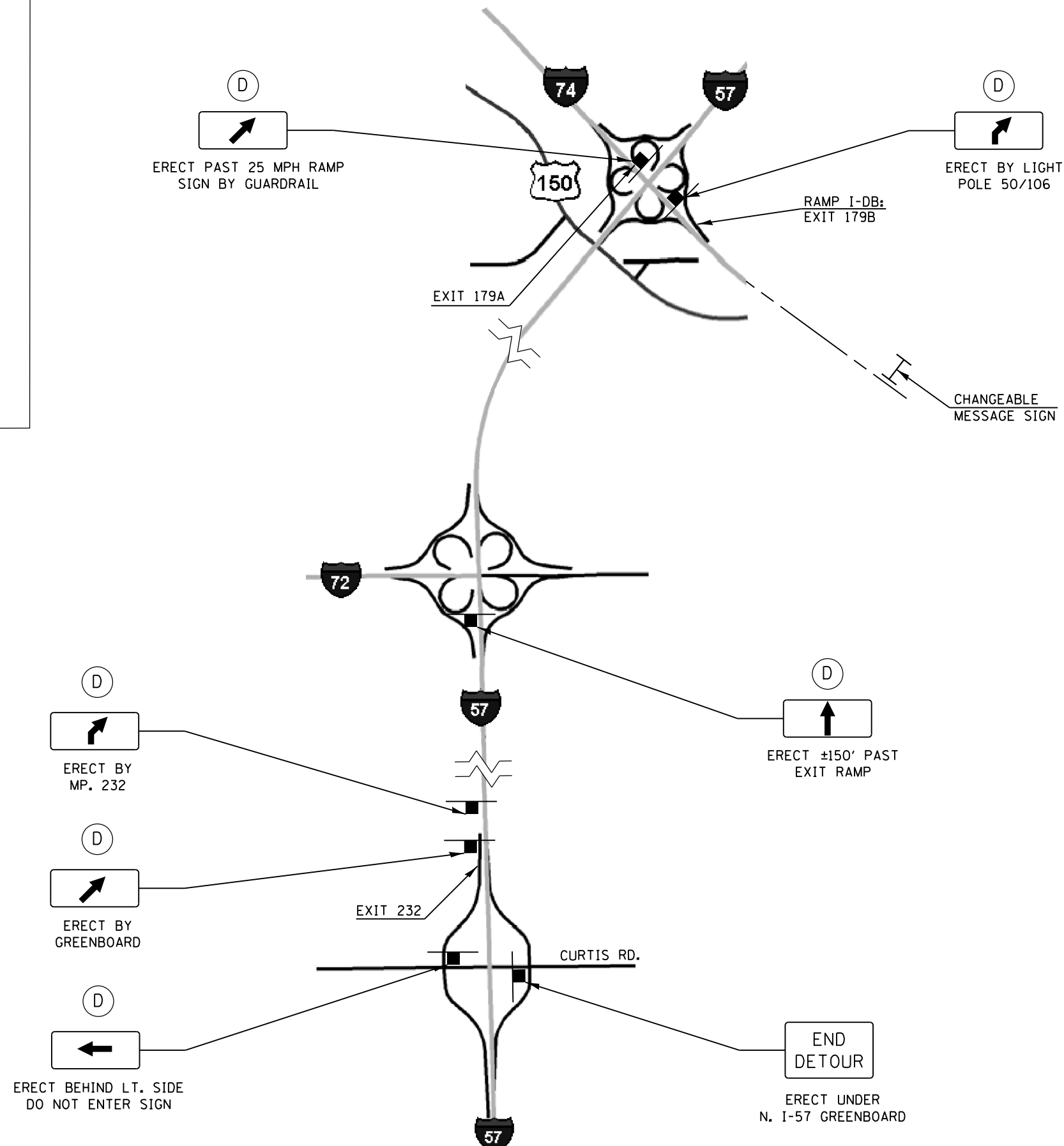
M4-8 (24x12) (0)

M3-4 (24x12) WHITE ON BLUE

M1-1 (24x24) WHITE ON BLUE

ALL ARROW SIGNS
(21x15) BLACK ON ORANGE

M4-8A (24x18) (0)



RAMP I-DB - EXIT 179B:
 TAKE I-74 WEST TO EXIT 179A AND GO SOUTH ON I-57 TO EXIT 232, THEN COME BACK NORTH ON I-57.

FILE NAME =	USER NAME = eaglinge	DESIGNED - GAE	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETOUR SIGNING FOR RAMP I-DB			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\p\dot\ea\linge\d0363405\050	0A52-sh-t-detour.dgn	DRAWN - GAE	REVISED -		57	HFSC 2014-1	CHAMPAIGN	31	23			
MODELNAME	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET 5 OF 8 SHEETS STA. TO STA.			CONTRACT NO. 70A52				
	PLOT DATE = 12/6/2013	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

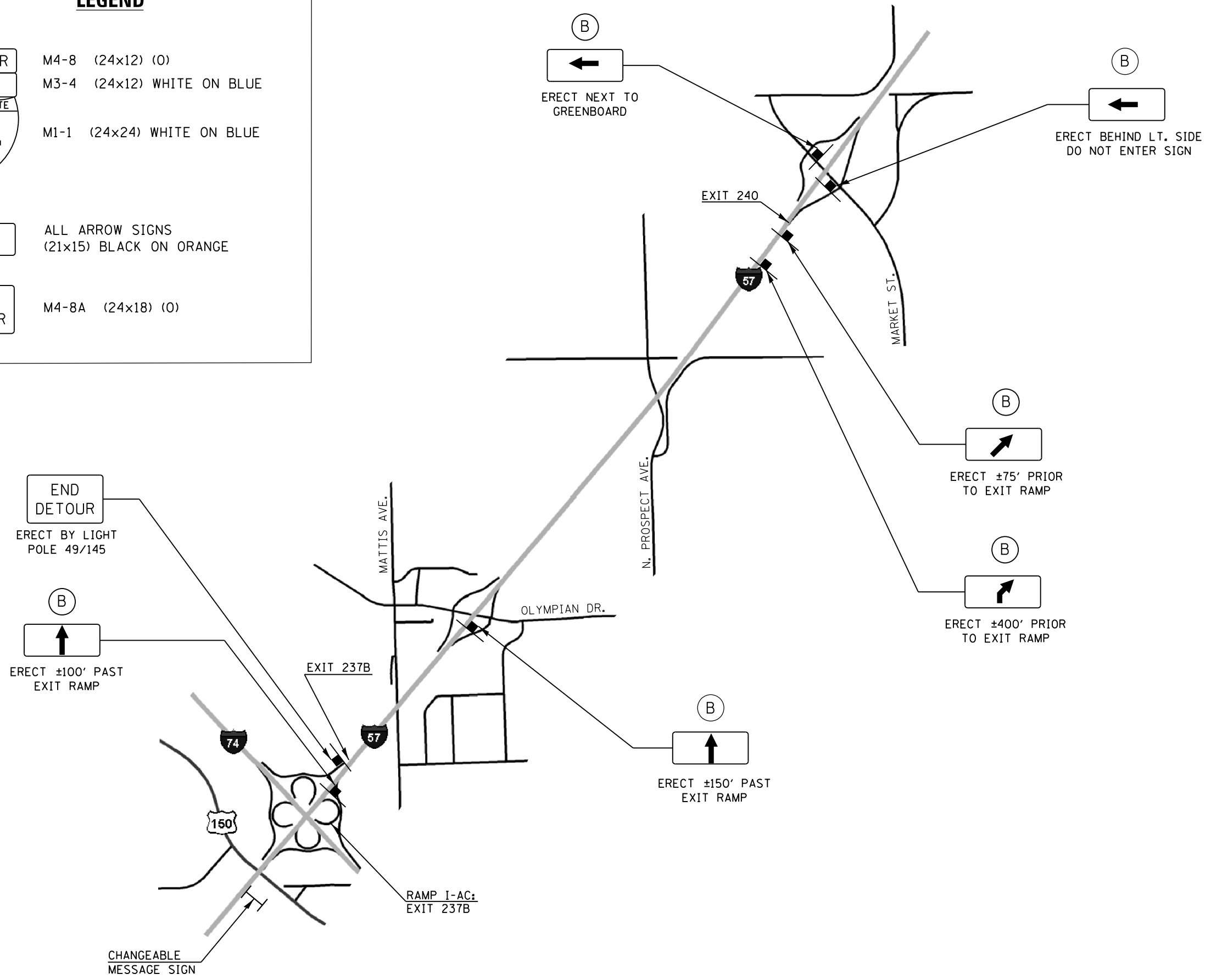
DETOUR SIGNING FOR RAMP I-AC

LEGEND

(B) ↓
 DETOUR M4-8 (24x12) (0)
 WEST M3-4 (24x12) WHITE ON BLUE
 INTERSTATE M1-1 (24x24) WHITE ON BLUE
 74

ALL ARROW SIGNS (21x15) BLACK ON ORANGE

END DETOUR M4-8A (24x18) (0)






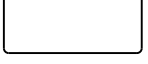
RAMP I-AC - EXIT 237B:
 TAKE I-57 NORTH TO EXIT 240,
 THEN COME BACK SOUTH ON I-57
 TO EXIT 237B.

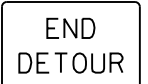
FILE NAME =	USER NAME = eaglinge	DESIGNED - GAE	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETOUR SIGNING FOR RAMP I-AC			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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MODELNAME	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET 6 OF 8 SHEETS STA. TO STA.			CONTRACT NO. 70A52				
	PLOT DATE = 12/6/2013	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

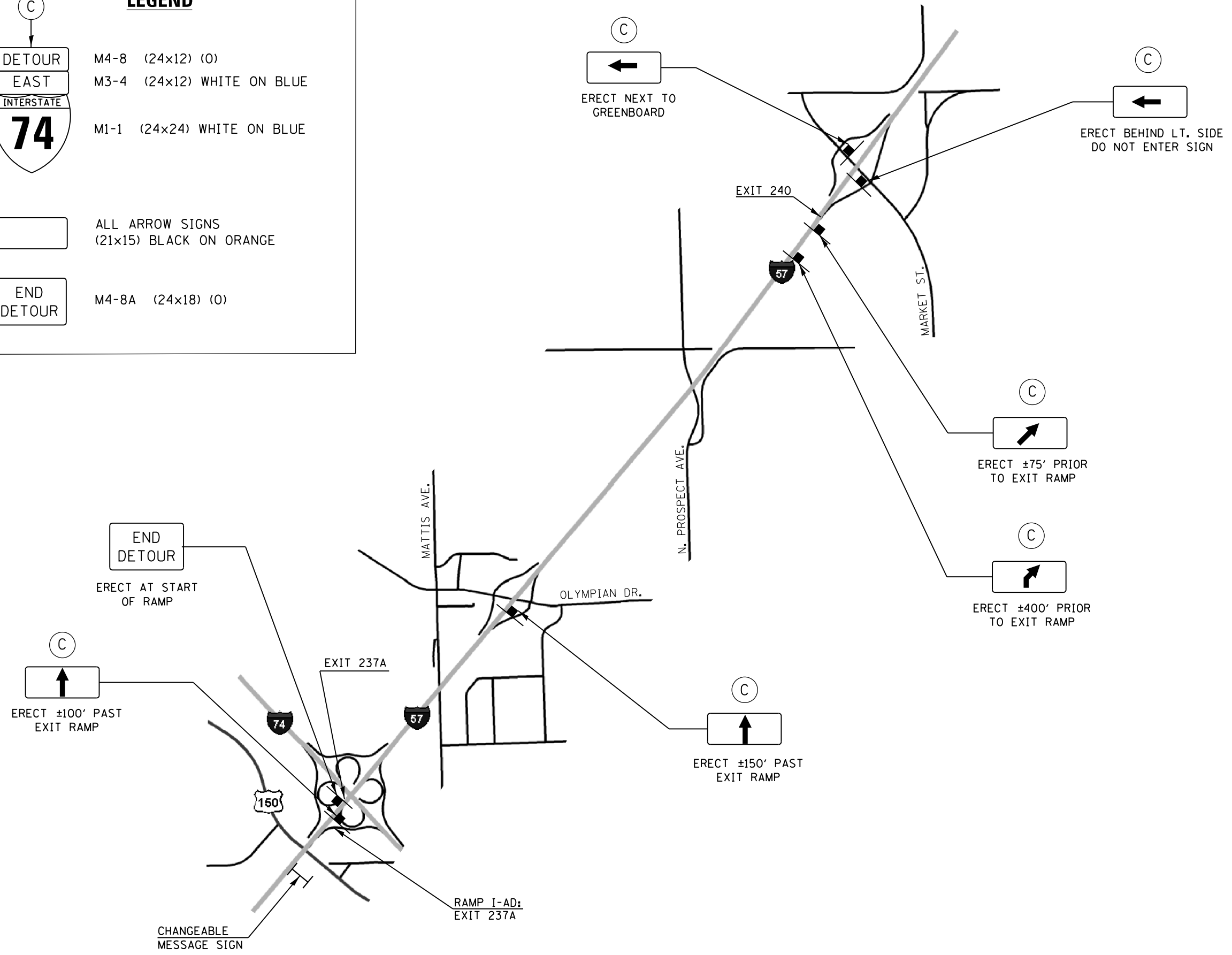
DETOUR SIGNING FOR RAMP I-AD

LEGEND

(C)
 M4-8 (24x12) (0)
 M3-4 (24x12) WHITE ON BLUE
 M1-1 (24x24) WHITE ON BLUE

 ALL ARROW SIGNS (21x15) BLACK ON ORANGE

 END DETOUR M4-8A (24x18) (0)



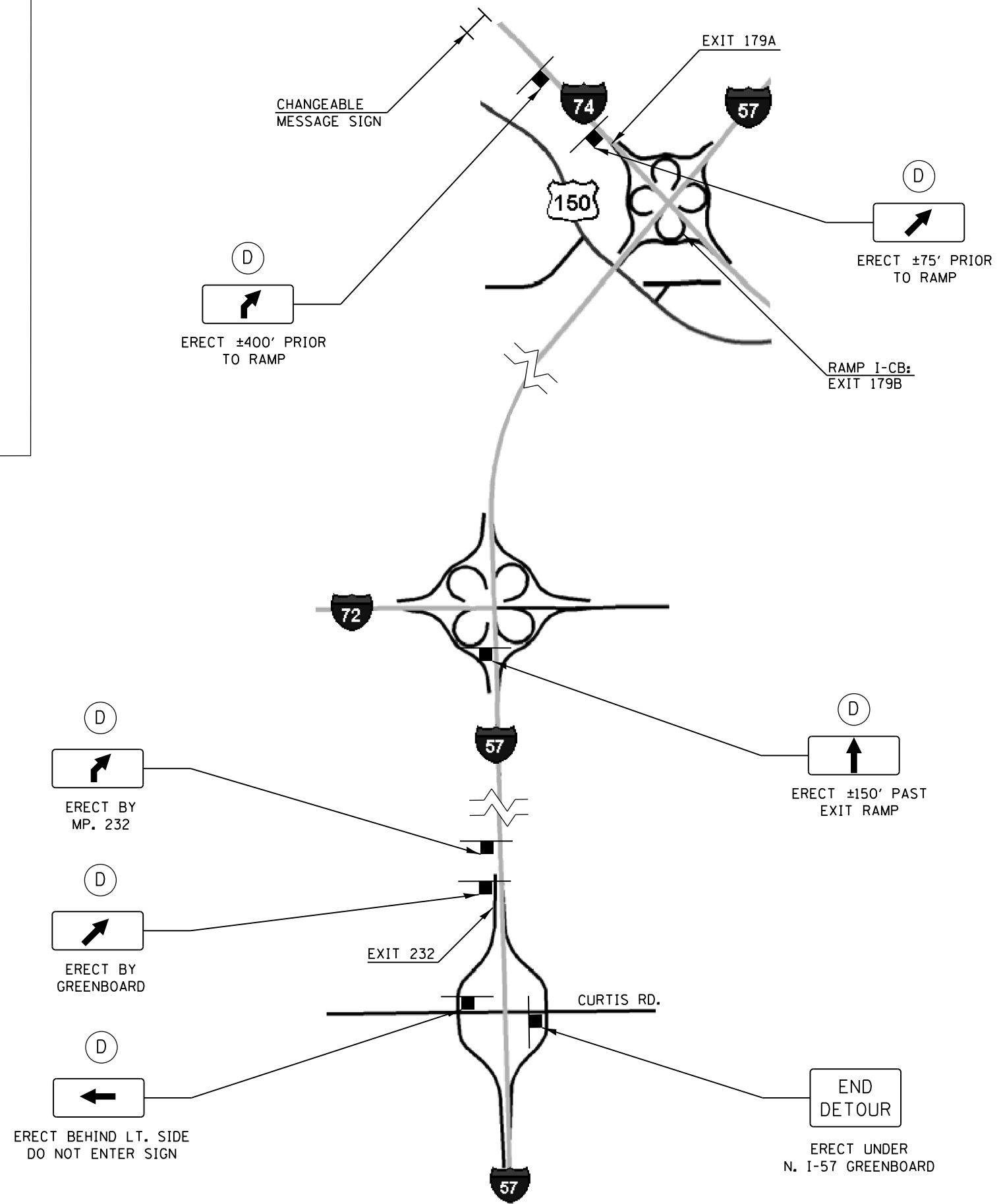
RAMP I-AD - EXIT 237A:
 TAKE I-57 NORTH TO EXIT 240,
 THEN COME BACK SOUTH ON I-57
 TO EXIT 237A.

FILE NAME =	USER NAME = eaglinge	DESIGNED - GAE	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETOUR SIGNING FOR RAMP I-AD			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\p\dot\ea\linge\d0363405\050	0A52-sh1-detour.dgn	DRAWN - GAE	REVISED -		57	HFSC 2014-1	CHAMPAIGN	31	25			
MODELNAME	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 70A52			ILLINOIS FED. AID PROJECT				
	PLOT DATE = 12/6/2013	DATE -	REVISED -		SCALE:	SHEET 7	OF 8 SHEETS	STA.	TO STA.			

DETOUR SIGNING FOR RAMP I-CB

LEGEND

- M4-8 (24x12) (0)
- M3-4 (24x12) WHITE ON BLUE
- M1-1 (24x24) WHITE ON BLUE
- ALL ARROW SIGNS (21x15) BLACK ON ORANGE
- M4-8A (24x18) (0)

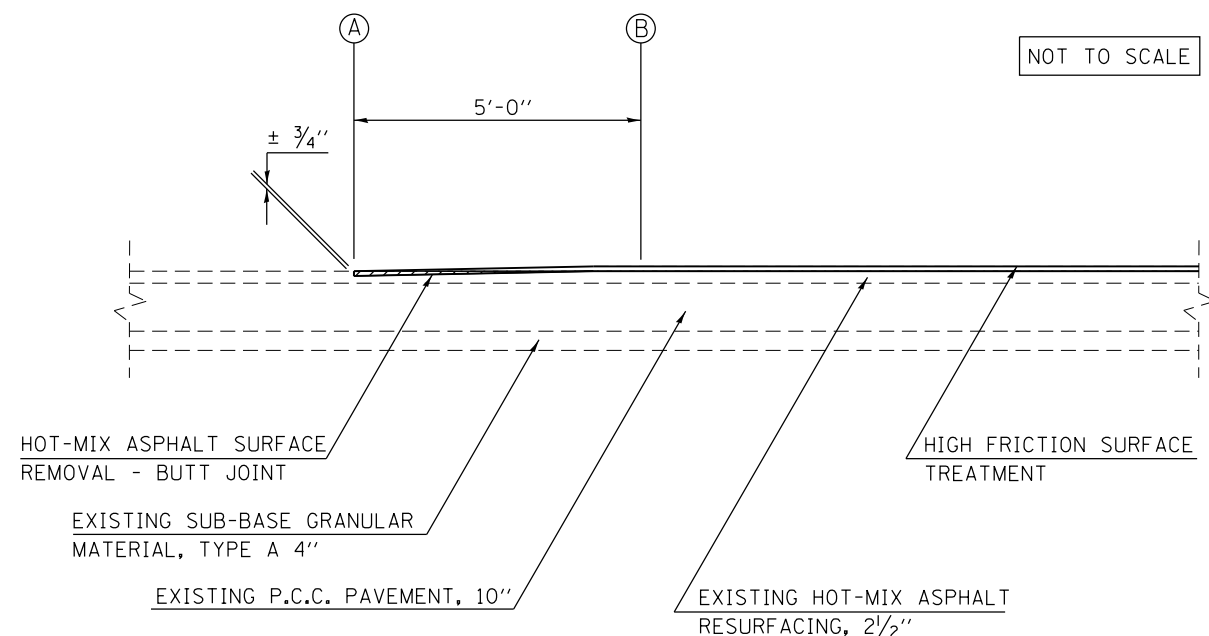


RAMP I-CB - EXIT 179B:
 TAKE I-74 EAST TO EXIT 179A, AND GO SOUTH ON I-57 TO EXIT 232, THEN COME BACK NORTH ON I-57.

HOT-MIX ASPHALT SURFACE REMOVAL – BUTT JOINT

	STATION	TO	STATION	
RAMP I-CA:	(A) 222+07.00		222+12.00	(B)
RAMP I-BD:	(B) 52+55.00		52+60.00	(A)
RAMP I-BC:	(A) 166+70.00		166+75.00	(B)
RAMP I-BC:	(B) 180+45.00		180+50.00	(A)
RAMP I-DB:	(A) 126+70.00		126+75.00	(B)
RAMP I-DB:	(B) 141+85.00		141+90.00	(A)
RAMP I-AC:	(B) 12+31.00		12+36.00	(A)
RAMP I-AD:	(A) 87+00.00		87+05.00	(B)
RAMP I-AD:	(B) 100+51.00		100+56.00	(A)
RAMP I-CB:	(A) 62+00.00		62+05.00	(B)
RAMP I-CB:	(B) 71+77.00		71+82.00	(A)

TYPICAL PROFILE



GENERAL NOTES

THE WORK SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE ARTICLES OF SECTION 406 OF THE STANDARD SPECIFICATIONS.

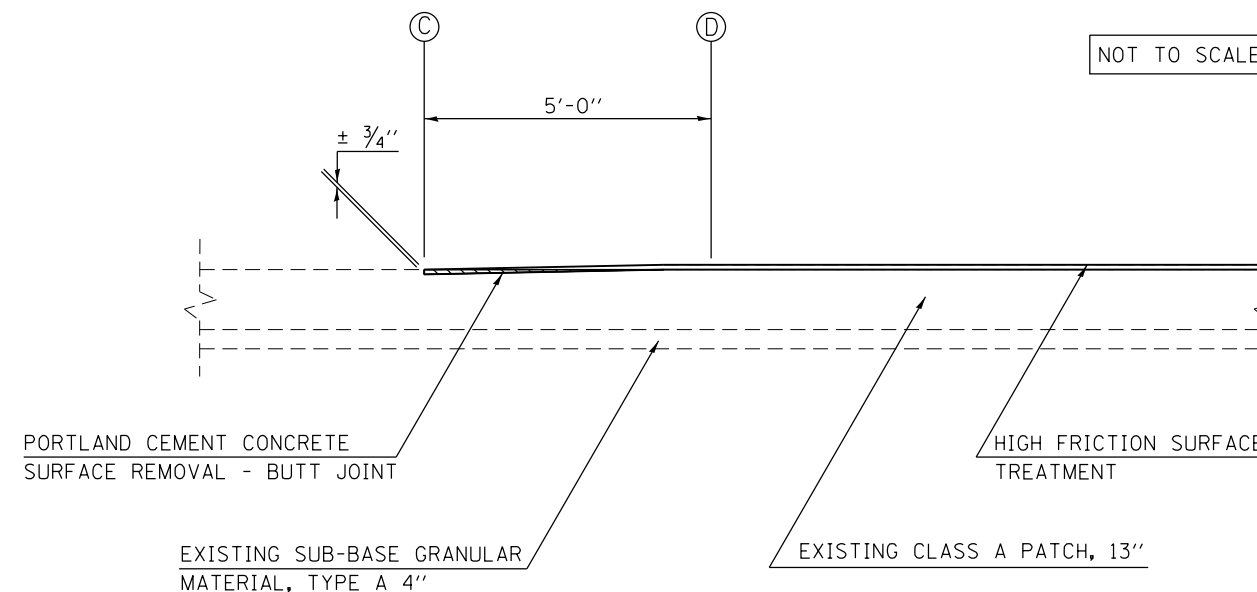
THE WORK SHALL BE COMPLETED UNDER RAMP CLOSURE FOR THE HIGH FRICTION SURFACE TREATMENT OPERATIONS.

THE INTENT IS TO INLAY THE HIGH FRICTION SURFACE TREATMENT AT THE BEGINNING AND END OF THE RAMPS TO ALLOW THE MATERIAL TO BE FLUSH WITH THE EXISTING PAVEMENT. ADJUSTMENTS TO THE DEPTH OF THE BUTT JOINT MAY BE REQUIRED TO MEET FIELD CONDITIONS AND WILL BE DETERMINED BY THE ENGINEER.

PORTLAND CEMENT CONCRETE SURFACE REMOVAL – BUTT JOINT

	STATION	TO	STATION	
RAMP I-CA:	(C) 206+70.00		206+75.00	(D)
RAMP I-BD:	(C) 42+06.00		42+11.00	(D)
RAMP I-DA:	(C) 22+00.00		22+05.00	(D)
RAMP I-DA:	(D) 31+65.00		31+70.00	(C)
RAMP I-AC:	(C) 2+20.00		2+25.00	(D)

TYPICAL PROFILE



GENERAL NOTES

THE WORK SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE ARTICLES OF SECTION 406 OF THE STANDARD SPECIFICATIONS.

THE WORK SHALL BE COMPLETED UNDER RAMP CLOSURE FOR THE HIGH FRICTION SURFACE TREATMENT OPERATIONS.

THE INTENT IS TO INLAY THE HIGH FRICTION SURFACE TREATMENT AT THE BEGINNING AND END OF THE RAMPS TO ALLOW THE MATERIAL TO BE FLUSH WITH THE EXISTING PAVEMENT. ADJUSTMENTS TO THE DEPTH OF THE BUTT JOINT MAY BE REQUIRED TO MEET FIELD CONDITIONS AND WILL BE DETERMINED BY THE ENGINEER.

FILE NAME =	USER NAME = eaglino	DESIGNED - GAE	REVISED -
ct:\pw\work\p\dot\ea\lino\d0363405\0570452-sht-details.dgn		DRAWN - GAE	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 12/6/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

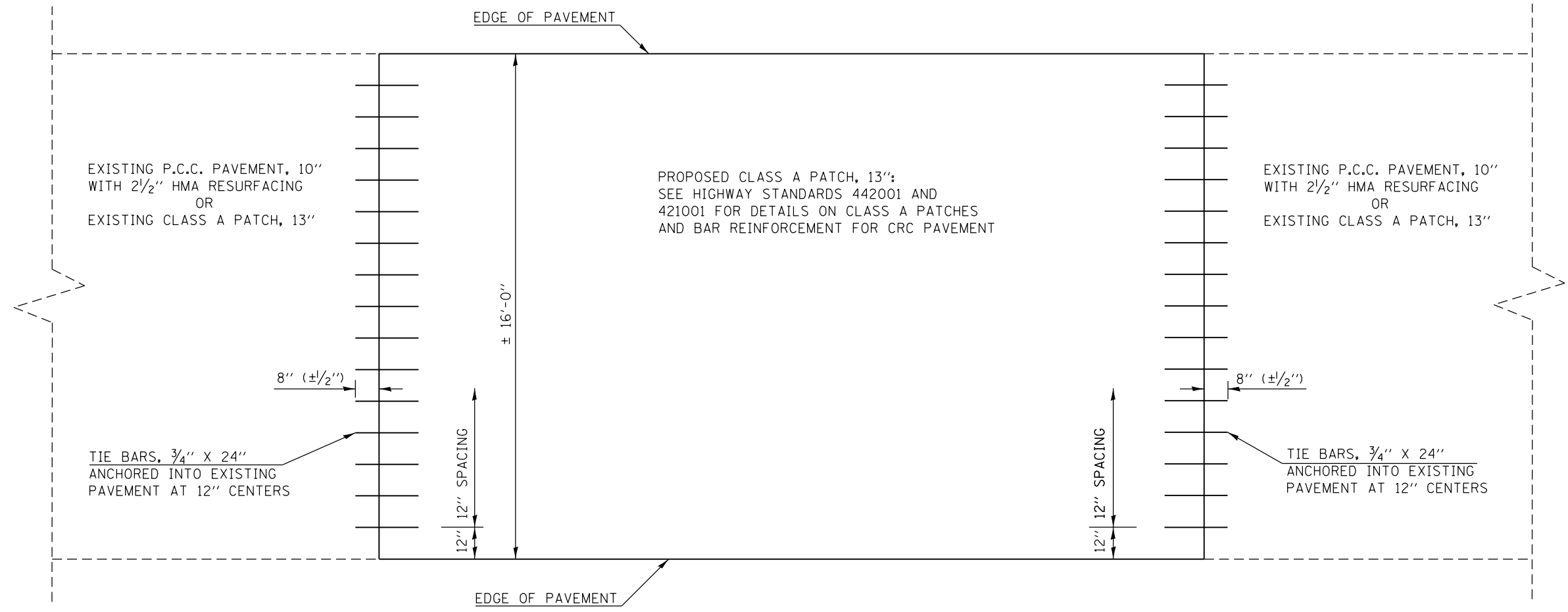
DETAIL FOR HMA & PCC
SURFACE REMOVAL – BUTT JOINT

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	HFSC 2014-1	CHAMPAIGN	31	27
CONTRACT NO. 70A52			ILLINOIS FED. AID PROJECT	

DETAIL FOR CLASS A PATCHING

I-57 & I-74 INTERCHANGE RAMP



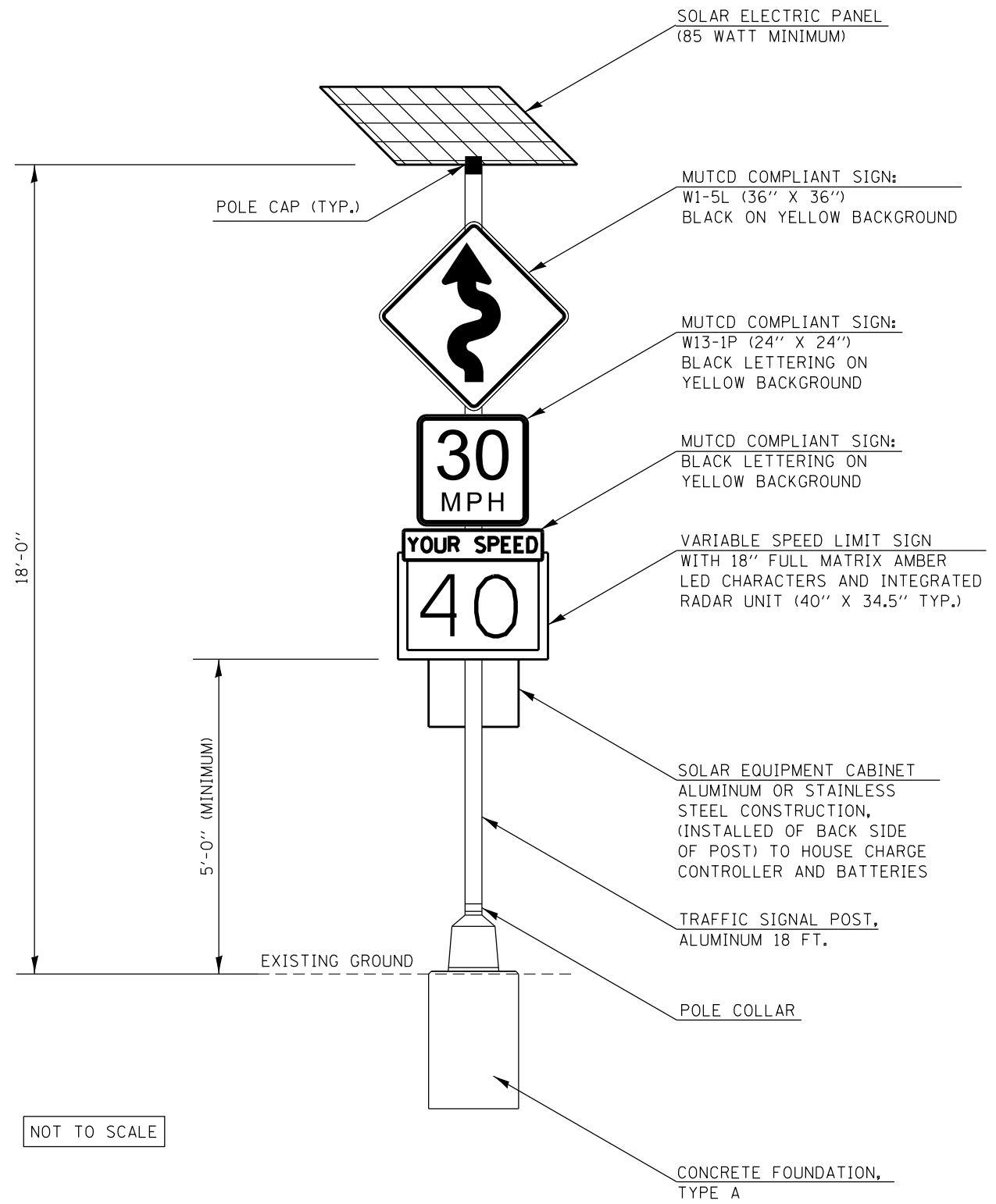
NOT TO SCALE

GENERAL NOTES

1. CLASS A PATCHES SHALL BE USED EVEN THOUGH THE EXISTING PAVEMENT IS NOT CONTINUOUSLY REINFORCED CONCRETE.
2. TIE BARS, $\frac{3}{4}$ " X 24" SHALL BE PLACED AT 12" SPACING ON BOTH ENDS OF THE EXISTING PAVEMENT.
3. THE LONGITUDINAL REINFORCEMENT FOR THE PROPOSED CLASS A PATCH SHALL BE TIED TO THE TIE BARS.

FILE NAME =	USER NAME = eaglinge	DESIGNED - GAE	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAIL FOR CLASS A PATCHING			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
ci:\pw\work\p\idot\ea\linge\d0363405\0570452-sht-details.dgn		DRAWN - GAE	REVISED -		SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.	57	HFSC 2014-1	CHAMPAIGN	31	28
\$MODELNAME\$	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -								CONTRACT NO. 70A52				
	PLOT DATE = 12/6/2013	DATE -	REVISED -								ILLINOIS FED. AID PROJECT				

DETAIL FOR RADAR SPEED SIGN

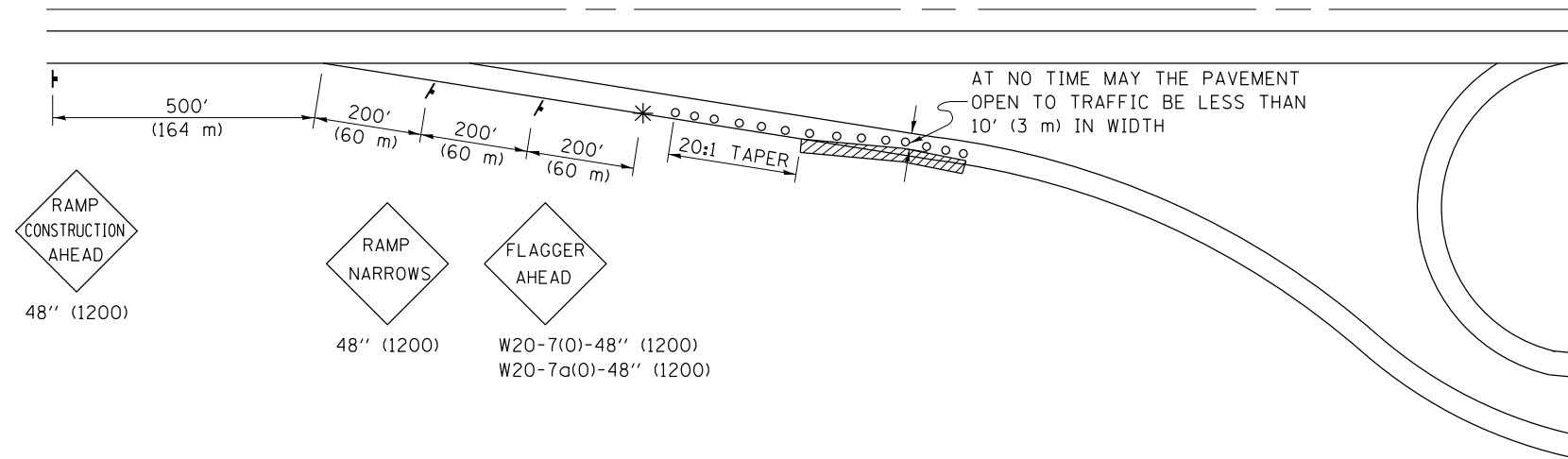


GENERAL NOTES

1. THE RADAR SPEED SIGN SHALL BE CONSTRUCTED AT THE BEGINNING OF THE FOLLOWING RAMPS: RAMP I-CA, I-BC, I-DB, I-AD. THE LOCATION WILL BE DETERMINED BY THE TRAFFIC OPERATIONS ENGINEER. CONTACT GARY SIMS AT 217-251-4859 ON WEEK PRIOR TO INSTALLATION FOR STATIONS AND OFFSETS.
2. THE TRAFFIC SIGNAL POST SPECIFIED SHALL BE INSTALLED ON A CONCRETE FOUNDATION, TYPE A. (SEE HIGHWAY STANDARD 878001)
3. TYPE ZZ SHEETING SHALL BE USED ON ALL SIGN PANELS.
4. MOUNTING HARDWARE ON ALL SIGNS SHALL ALLOW FOR VERTICAL ADJUSTMENTS IN THE FIELD.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ALL AREAS DISTURBED BY CONSTRUCTION OPERATIONS. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO THE RADAR SPEED SIGN.

NOT TO SCALE

**APPLICATION NO. 1
DAY OPERATION ONLY
PARTIAL RAMP CLOSURE**



GENERAL NOTES

CONSTRUCTION OPERATIONS SHALL BE CONFINED TO AN AREA NARROW ENOUGH THAT A MINIMUM OF 10' (3 m) OF PAVEMENT SHALL BE OPEN TO TRAFFIC AT ALL TIMES.

FULL WIDTH PAVEMENT ON THE RAMPS SHALL BE OPEN TO TRAFFIC AT NIGHT.

WHEN NO WORK IS BEING PERFORMED, THE FLAGGER WILL NOT BE REQUIRED. IF THE FLAGGER IS NOT PRESENT, THE FLAGGER SIGNS SHALL BE REMOVED OR COVERED.

ALL SIGNS SHALL BE POST MOUNTED IF WORK IN THE AREA EXCEEDS FOUR DAYS OF DAYTIME OPERATIONS.

LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.

ALL VEHICLES, EQUIPMENT, WORKERS (EXCEPT FLAGGER) AND THEIR ACTIVITIES ARE RESTRICTED AT ALL TIMES TO ONE SIDE OF THE PAVEMENT UNLESS OTHERWISE AUTHORIZED BY THE DISTRICT ENGINEER.

SYMBOLS

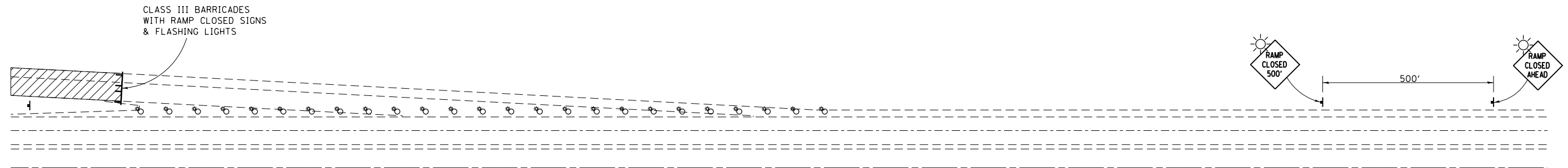
- (APPLICATION NO. 1) TYPE I OR II BARRICADES OR DRUMS @ 50' (15 m) CTS.
- ⦿ (APPLICATION NO. 2) TYPE I OR II BARRICADES OR DRUMS @ 25' (7.5 m) CTS. W/STEADY BURNING LIGHTS
- * (APPLICATION NO. 1) FLAGGER PLACED AS DIRECTED BY THE ENGINEER
- † SIGN ON PORTABLE OR PERMANENT SUPPORT
- ▨ WORK AREA

TYPICAL APPLICATIONS

- RADAR SPEED SIGN INSTALLATION
- PAVEMENT PATCHING
- PIPE UNDERDRAINS
- HMA RESURFACING

Traffic Control for all ramps shall be in accordance with the appropriate application of plan detail **TRAFFIC CONTROL FOR RAMPS** and will not be paid for separately, but shall be included in the contract lump sum prices for Traffic Control and Protection, (Special).

**APPLICATION NO. 2
RAMP CLOSURE**



GENERAL NOTES

STEADY BURN LIGHTS ARE NOT REQUIRED FOR DAYTIME OPERATIONS.

CONTACT THE DISTRICT TRAFFIC OPERATIONS ENGINEER AT 217-465-4181, ONE WEEK PRIOR TO CLOSING THE RAMP.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = eaglinge	DESIGNED -	REVISED - 11/06
et:\pw\work\p\idot\ea\linge\d0363405\0570452-sht-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/6/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

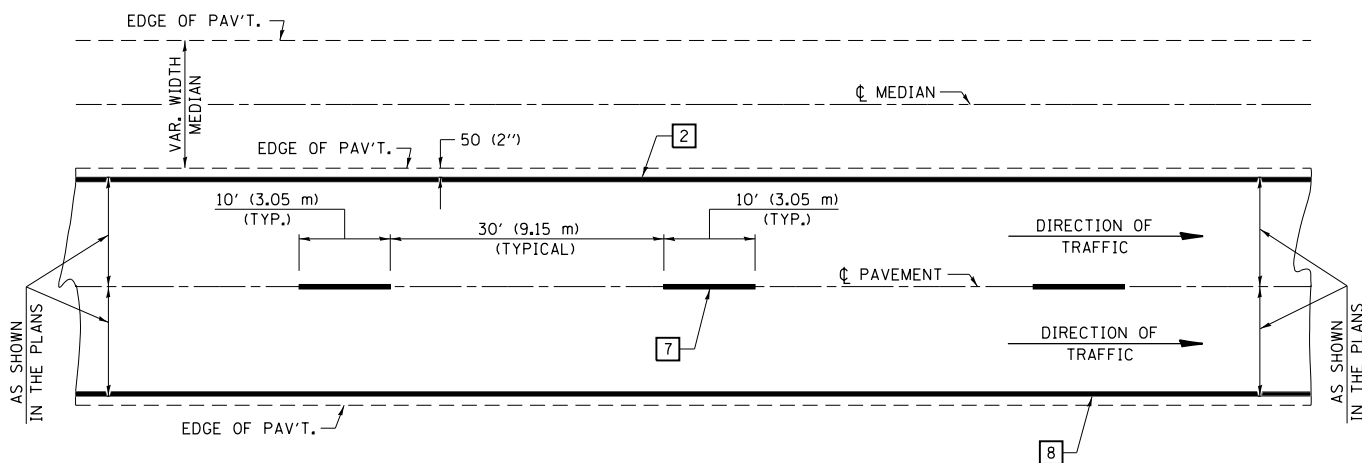
TRAFFIC CONTROL FOR RAMPS

SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 70103710

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	HFSC 2014-1	CHAMPAIGN	31	30
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70A52	

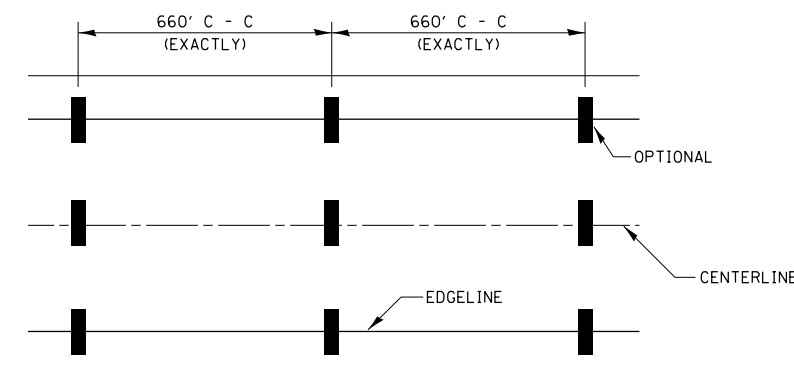
CENTERLINE INTERSTATE OR MULTI-LANE TWO WAY DIVIDED HIGHWAY



NOTE: PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.

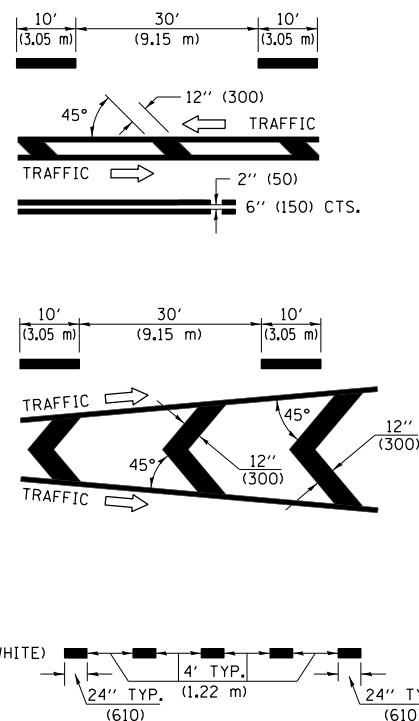
NOTE: SEE ARTICLES 780.04 & 781.03 FOR LOCATION OF STRIPES AND MARKERS RELATIVE TO EDGES OR JOINTS.

FOR RAISED REFLECTIVE PAVEMENT MARKERS, REFER TO STANDARD 781001.

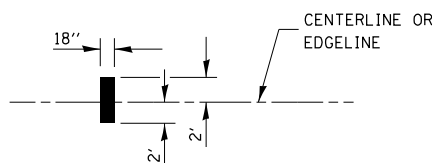


TYPICAL PAVEMENT MARKING LEGEND

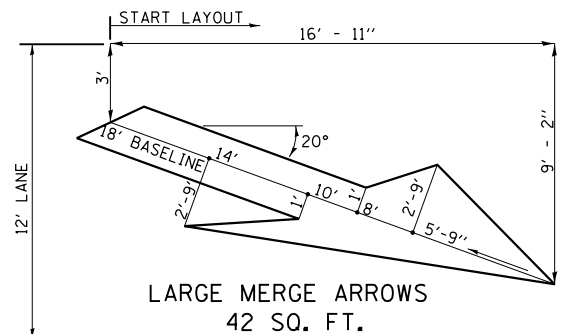
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) LANE LINE EXTENSIONS (WHITE)



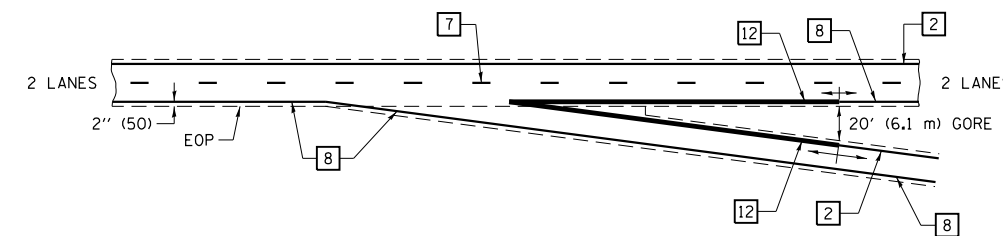
IT WILL BE NECESSARY TO HAVE A REPRESENTATIVE OF THE STATE POLICE PRESENT SO THAT THE ACCURACY OF MEASUREMENT CAN BE ATTESTED TO IN COURT.



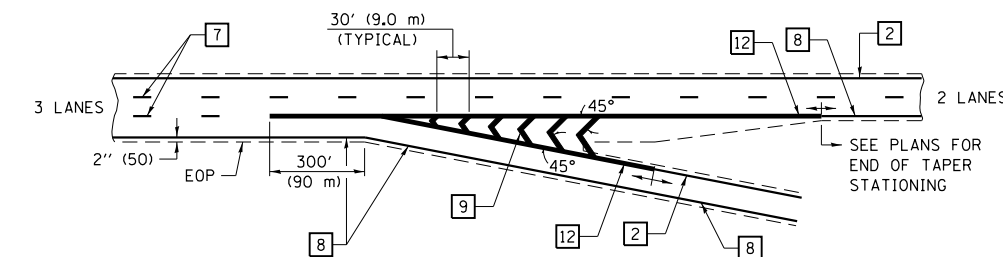
AERIAL SPEED CHECK ZONES



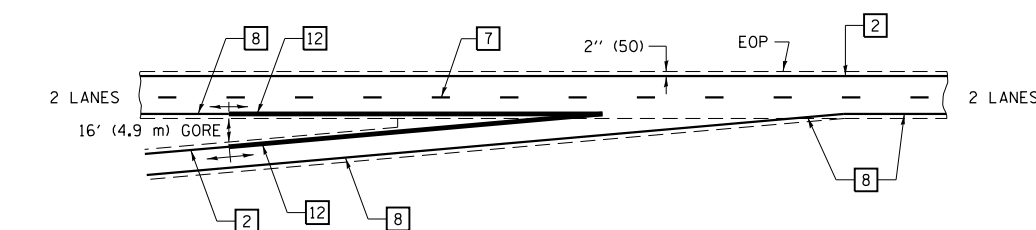
TYPICAL EXIT RAMP TERMINAL



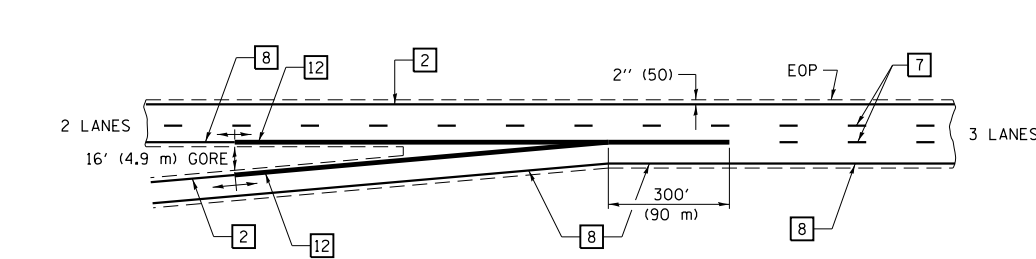
EXIT RAMP TERMINAL with EXCLUSIVE (auxiliary) LANE



TYPICAL ENTRANCE RAMP TERMINAL



ENTRANCE RAMP TERMINAL with EXCLUSIVE LANE



Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 7800BBBB

FILE NAME =	USER NAME = eaglinge	DESIGNED -	REVISED - 11/06
ei:\pw\work\p1dot\ea\linge\d0363405\0570452-sht-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/6/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING (INTERSTATE & MULTI-LANE APPLICATIONS)

SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	HFSC 2014-1	CHAMPAIGN	31	31
CONTRACT NO. 70A52				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				