

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	2012-0661	COOK	27	1
ILLINOIS			CONTRACT NO. 60V79	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS**

PROPOSED HIGHWAY PLANS

F.A.I. ROUTE 57: I-57

WILL COUNTY LINE TO 0.1 MILE NORTH OF 175TH ST.

SECTION: 2012-0661

CRACK AND JOINT SEALING

PROJECT: *ESP-057-7(285)339*

COOK COUNTY

D-91-755-09

FOR INDEX OF SHEETS, SEE SHEET NO. 2

THE PROJECT IS LOCATED IN THE VILLAGES OF COUNTRY CLUB HILLS, MATTESON AND RICHTON PARK

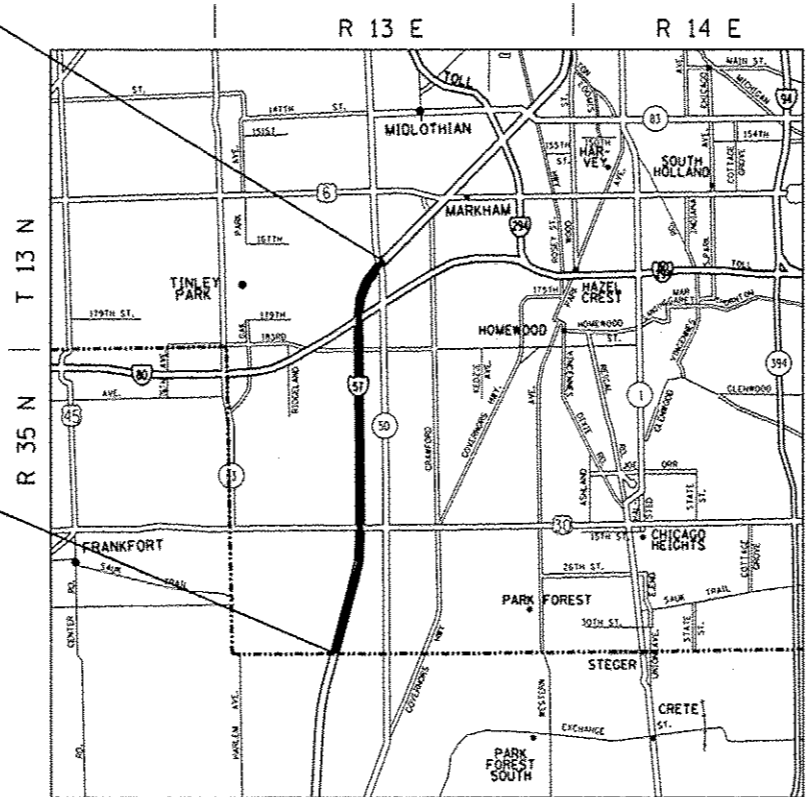
PROJECT ENDS:
STA. 1372 + 61 (SB)
STA. 1272 + 31 (NB)

CRACK & JOINT SEALING OMISSIONS:
STA. 871 + 47.8 TO STA. 875 + 63
STA. 900 + 73.8 TO STA. 903 + 14.5
STA. 1338 + 15.8 TO STA. 1342 + 32.2 (I-57 SB)
STA. 1240 + 51.3 TO STA. 1245 + 54.4 (I-57 NB)
STA. 1248 + 91.6 TO STA. 1252 + 76.1 (I-57 NB)

PROJECT BEGINS:
STA. 791 + 93 (SB)
STA. 792 + 70 (NB)

TRAFFIC DATA:
2010 ADT = 91200
POSTED SPEED LIMIT = 55 & 65 MPH

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



RICH & BREMEN TOWNSHIPS



LOCATION OF SECTION INDICATED THUS: - [black rectangle] -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED DECEMBER 13, 2012

[Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Feb 1, 2013
John D. Baranzelli, PE
ENGINEER OF DESIGN AND ENVIRONMENT

Feb 1, 2013
Omer Osman, PE
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PROJECT ENGINEER: J. ALAIN MIDY (847) 221-3057
PROJECT MANAGER: ISSAM RAYYAN

CONTRACT NO. 60V79

GROSS AND NET LENGTH OF PROJECT (NORTHBOUND) = 37961 LIN FT. = 7.19 MILES
GROSS AND NET LENGTH OF PROJECT (SOUTHBOUND) = 38068 LIN FT. = 7.21 MILES

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

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES
3	SUMMARY OF QUANTITIES
4 - 19	PROPOSED PLANS AND PAVEMENT MARKING PLANS
20	CRACK & JOINT SEALING DETAIL
21	FREEWAY ENTRANCE AND EXIT RAMP (TC-08)
22	TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE & MULTI-LANE WEAVE (TC-09)
23 - 24	MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS (TC-12)
25	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)
26	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14)
27	TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES (TC-17)

STANDARDS

701400-06	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-07	LANE CLOSURE, FREEWAY/EXPRESSWAY
701411-08	LANE CLOSURE, MULTILANE AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > 45 MPH
701426-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS > 45 MPH
701446-04	TWO LANE CLOSURE FREEWAY/EXPRESSWAY
701901-02	TRAFFIC CONTROL DEVICES
780001-03	TYPICAL PAVEMENT MARKINGS

GENERAL NOTES

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. (48 HOUR NOTIFICATION IS REQUIRED).

THE CONTRACT SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGES OF COUNTRY CLUB HILLS, MATTESON AND RICHTON PARK.

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4151 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

THE ENGINEER SHALL CONTACT THE EXPRESSWAY, AREA TRAFFIC FIELD ENGINEER, AT (847) 705-4153 A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

ALL CRACK ROUTING & CRACK SEALING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER. CRACK ROUTING SHALL BE OMITTED WHERE VEHICLE DETECTOR LOOPS & RAISED REFLECTIVE PAVEMENT MARKERS ARE PRESENT IN THE PAVEMENT.

MATERIALS RESULTING FROM THE ROUTING OF CRACKS IN THE EXISTING PAVEMENT MAY BE PLACED, SHAPED AND COMPACTED TO THE SATISFACTION OF THE ENGINEER ALONG EXISTING AGGREGATE SHOULDERS ADJACENT TO THE PAVEMENT. ALL MATERIALS RESULTING FROM THE ROUTING OF CRACKS IN PAVEMENTS WITHOUT AGGREGATE SHOULDERS AND SURPLUS MATERIALS RESULTING FROM THE ROUTING OF CRACKS IN PAVEMENTS WITH AGGREGATE SHOULDERS, WHERE ALL MATERIALS ARE NOT PLACED ALONG EXISTING AGGREGATE SHOULDERS, SHALL BE DISPOSED OF AS SPECIFIED IN ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS. OLD SEALANTS REMOVED PRIOR TO ROUTING SHALL BE DISPOSED OF AS SPECIFIED IN ARTICLE 202.03. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT THE COST SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR THE CONSTRUCTION ITEMS INVOLVED, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

CONTACT IDOT ELECTRICAL MAINTENANCE CONTRACTOR AT (773)287-7600 TO LOCATE ANY ELECTRICAL CABLES WITHIN STATE R.O.W.

FILE NAME * D:\05913-shr-plan.dgn	USER NAME * midyja	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-57 (WILL COUNTY LINE TO 175th STREET) INDEX OF SHEETS, LIST OF STATE STANDARDS & PLAN NOTES		F.A.I. RTE. 57	SECTION 2012-0661	COUNTY COOK	TOTAL SHEETS 27	SHEET NO. 2	
PLOT SCALE * 100.0000 * 1 in.	CHECKED -	REVISED -	REVISED -		SCALE: 1"= 50'	SHEET NO. OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 60V79		
PLOT DATE * 1/31/2013	DATE -	REVISED -	REVISED -									

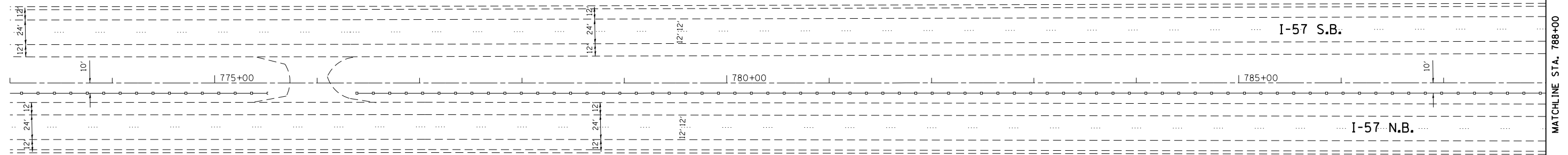
SUMMARY OF QUANTITIES			URBAN 100% FED.	CONSTRUCTION TYPE CODE				SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005					CODE NO	ITEM	UNIT	TOTAL QUANTITIES				
45100100	CRACK ROUTING (PAVEMENT)	FOOT	245134	245134												
45100200	CRACK FILLING	POUND	147080	147080												
67100100	MOBILIZATION	L SUM	1	1												
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1												
* X7800815	HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE - 4 INCH	FOOT	147836	147836												
* X7800825	HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE - 5 INCH	FOOT	20388	20388												
* X7800845	HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE - 8 INCH	FOOT	19016	19016												
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	200	200												
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12 INCH	FOOT	4,162	4,162												
* 78300100	PAVEMENT MARKING REMOVAL	SQ FT	3,478	3,478												

* Specialty Items

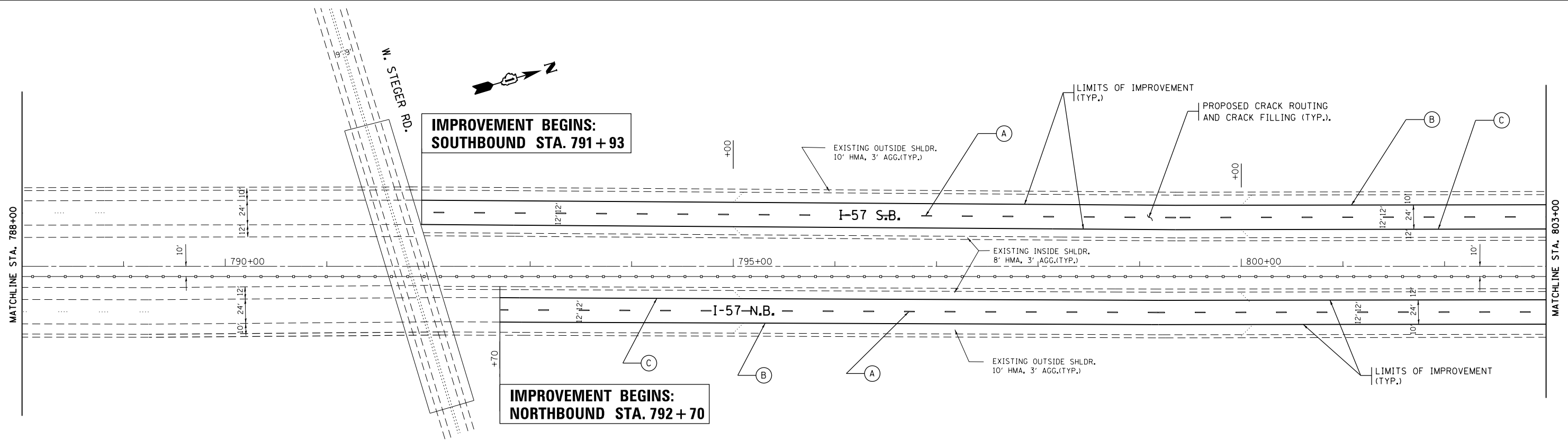
Rev.

FILE NAME *	USER NAME * adwardj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-57 (WILL COUNTY LINE TO 175TH STREET) SUMMARY OF QUANTITIES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\work\pilot\adwardj\00317958\060915-st-plot.dgn		DRAWN -	REVISED -			57	2012-0661	COOK	27	3
PLOT SCALE * 1/8" = 1'		CHECKED -	REVISED -			CONTRACT NO. 60V79				
PLOT DATE * 12/21/2012		DATE -	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

10



- (A) PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING 5" WHITE SKIP DASH (10' DASH, 30' SKIP) (TYP.)
- (B) PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING 4" WHITE EDGE LINE (TYP.)
- (C) PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING 4" YELLOW EDGE LINE (TYP.)
- (D) PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING 8" WHITE LINE (TYP.)



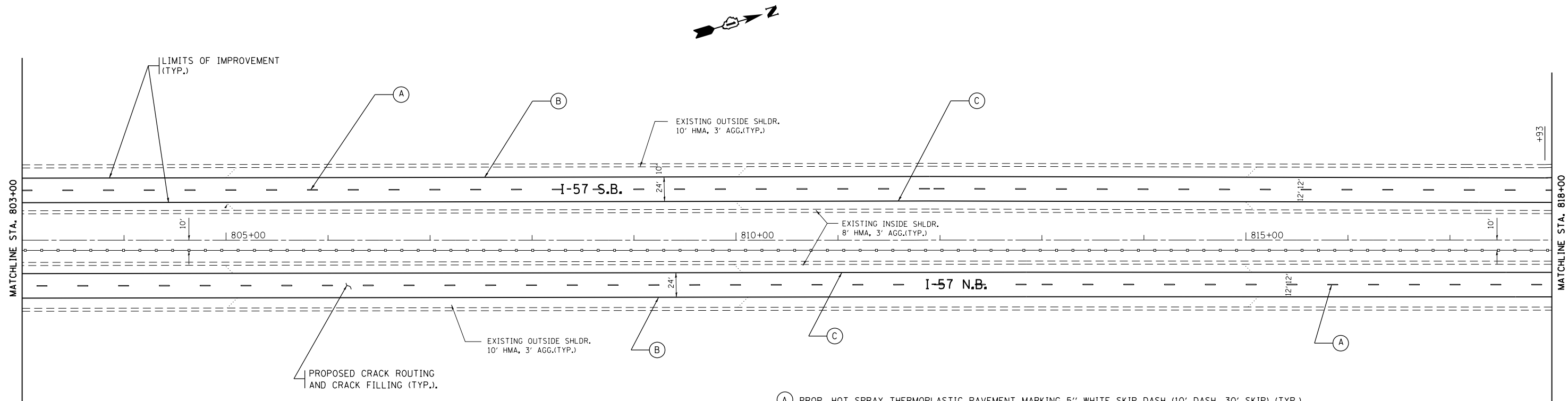
FILE NAME =	USER NAME = edouardj	DESIGNED -	REVISED -
c:\pwork\pwork\edouardj\0317958\0100913-sht.pln.dgn		DRAWN -	REVISED -
PLOT SCALE = 100.0000' / 1in.		CHECKED -	REVISED -
PLOT DATE = 12/21/2012		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

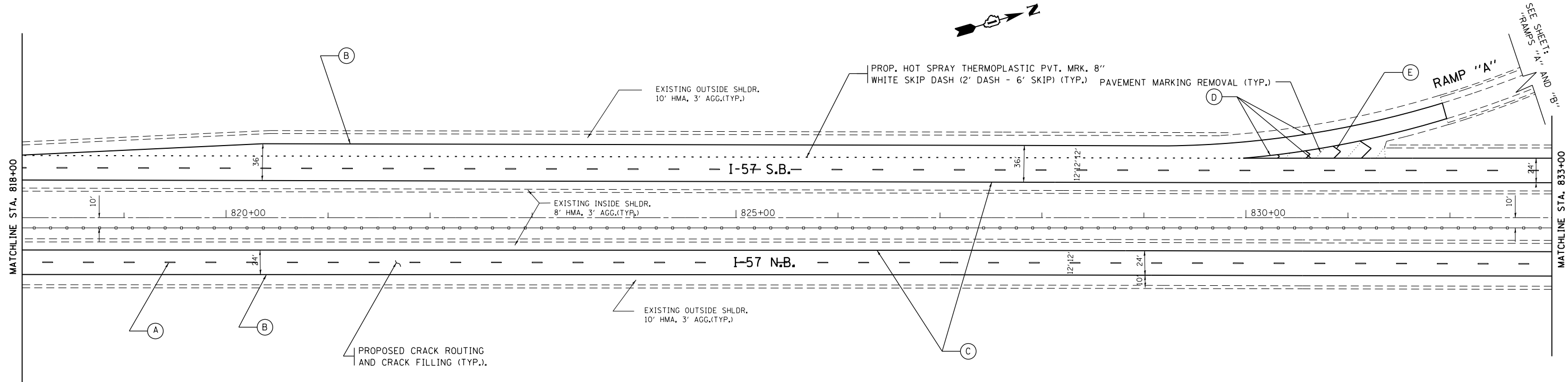
**I-57 (WILL COUNTY LINE TO 175TH STREET)
PROPOSED PLANS AND PAVEMENT MARKING**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	2012-0661	COOK	27	4
CONTRACT NO. 60V79				
ILLINOIS FED. AID PROJECT				

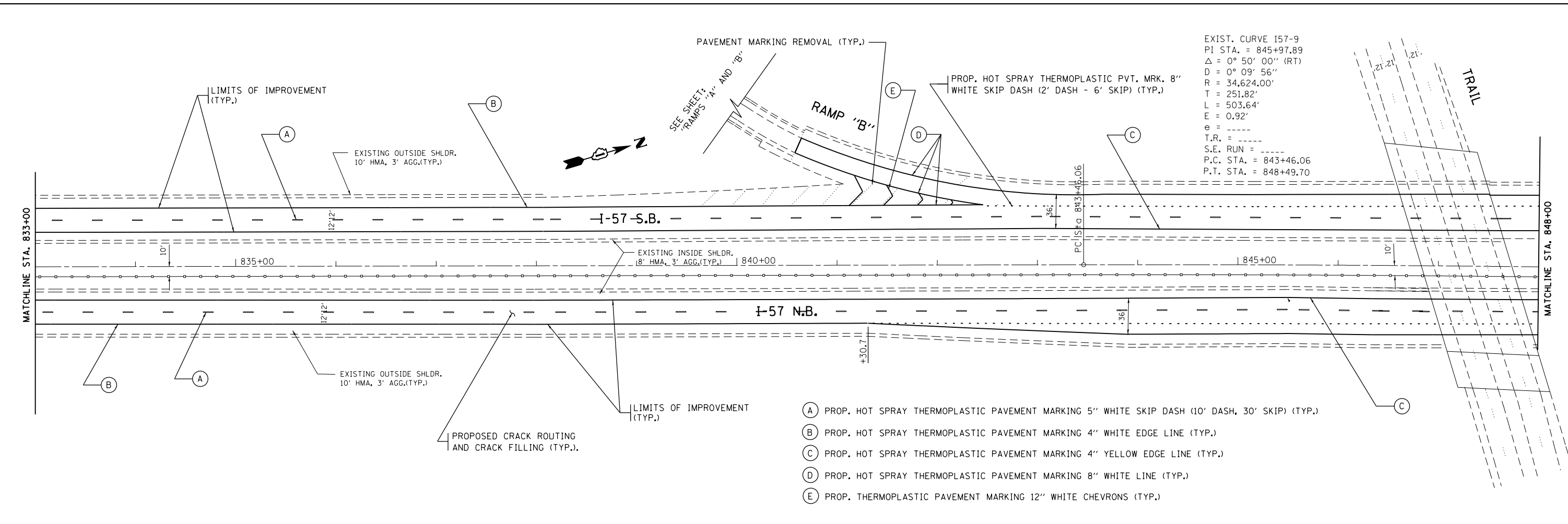


- (A) PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING 5" WHITE SKIP DASH (10' DASH, 30' SKIP) (TYP.)
- (B) PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING 4" WHITE EDGE LINE (TYP.)
- (C) PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING 4" YELLOW EDGE LINE (TYP.)
- (D) PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING 8" WHITE LINE (TYP.)
- (E) PROP. THERMOPLASTIC PAVEMENT MARKING 12" WHITE CHEVRONS (TYP.)

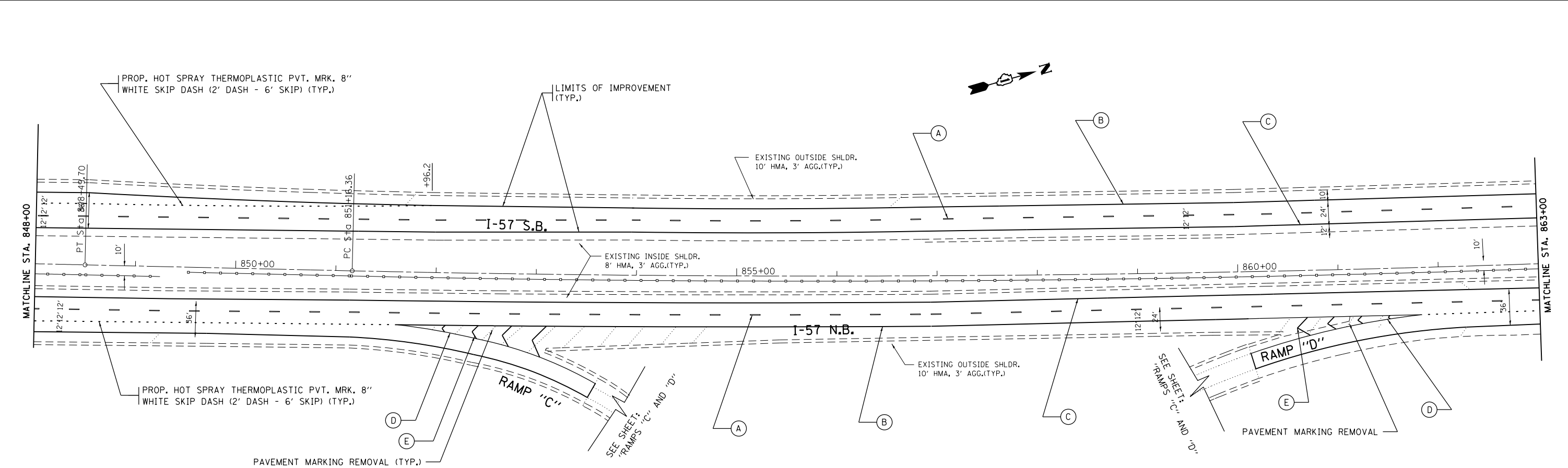


FILE NAME = c:\pwwork\pwwork\midyja\0317958\0106913\shp\plan.dgn	USER NAME = midyja	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-57 (WILL COUNTY LINE TO 175TH STREET) PROPOSED PLANS AND PAVEMENT MARKING			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / 1".	CHECKED -	REVISED -					57	2012-0661	COOK	27	5
PLOT DATE = 1/31/2013	DATE -	REVISED -	SCALE:		SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 60V79			
ILLINOIS FED. AID PROJECT												

EXIST. CURVE I57-9
 PI STA. = 845+97.89
 $\Delta = 0^\circ 50' 00''$ (RT)
 $D = 0^\circ 09' 56''$
 $R = 34,624.00'$
 $T = 251.82'$
 $L = 503.64'$
 $E = 0.92'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 843+46.06$
 $P.T. STA. = 848+49.70$



- (A) PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING 5" WHITE SKIP DASH (10' DASH, 30' SKIP) (TYP.)
- (B) PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING 4" WHITE EDGE LINE (TYP.)
- (C) PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING 4" YELLOW EDGE LINE (TYP.)
- (D) PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING 8" WHITE LINE (TYP.)
- (E) PROP. THERMOPLASTIC PAVEMENT MARKING 12" WHITE CHEVRONS (TYP.)



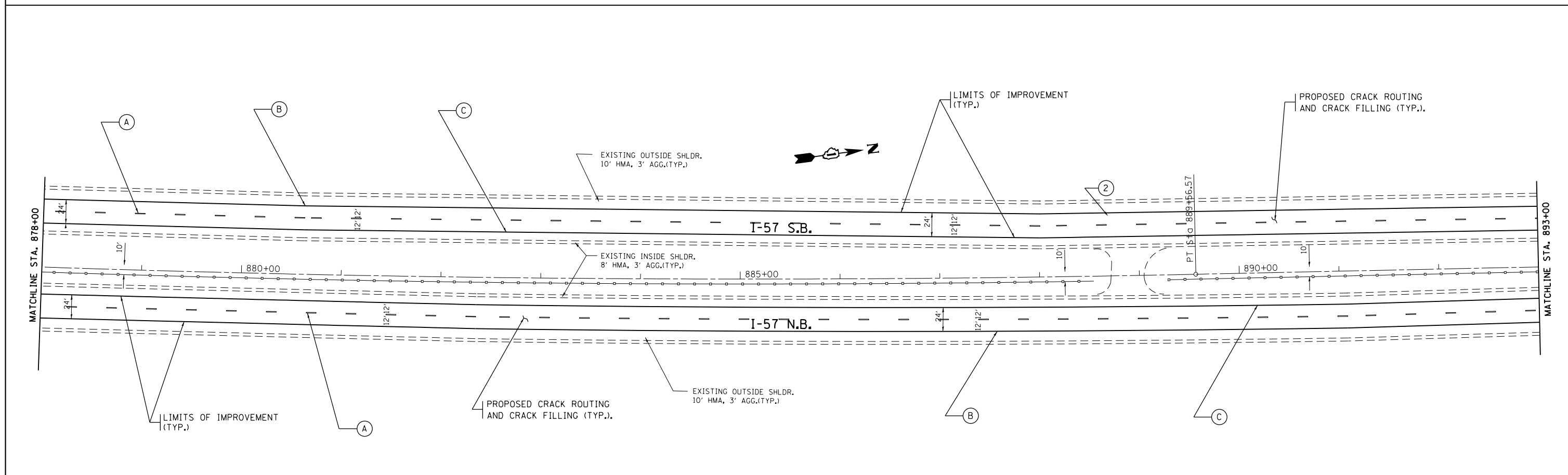
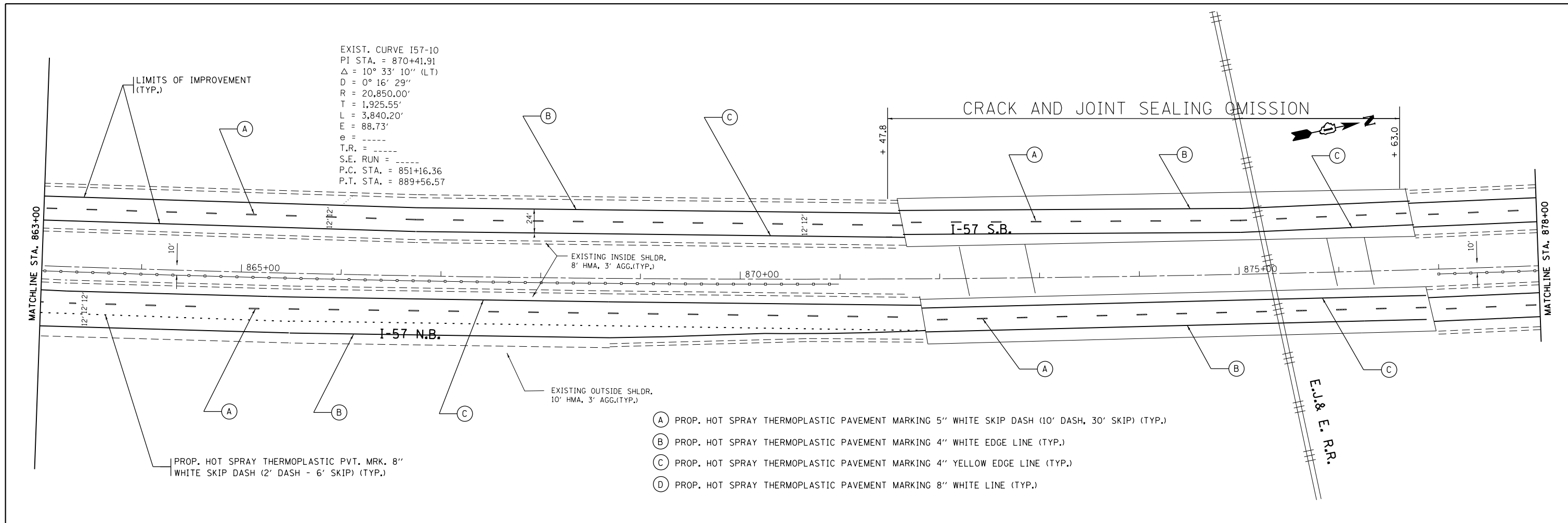
FILE NAME =	USER NAME = midyja	DESIGNED -	REVISED -
es:\pwork\p\midot\midyja\0317958\0106918-sht-plan.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / 1".	CHECKED -	REVISED -
	PLOT DATE = 1/31/2013	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

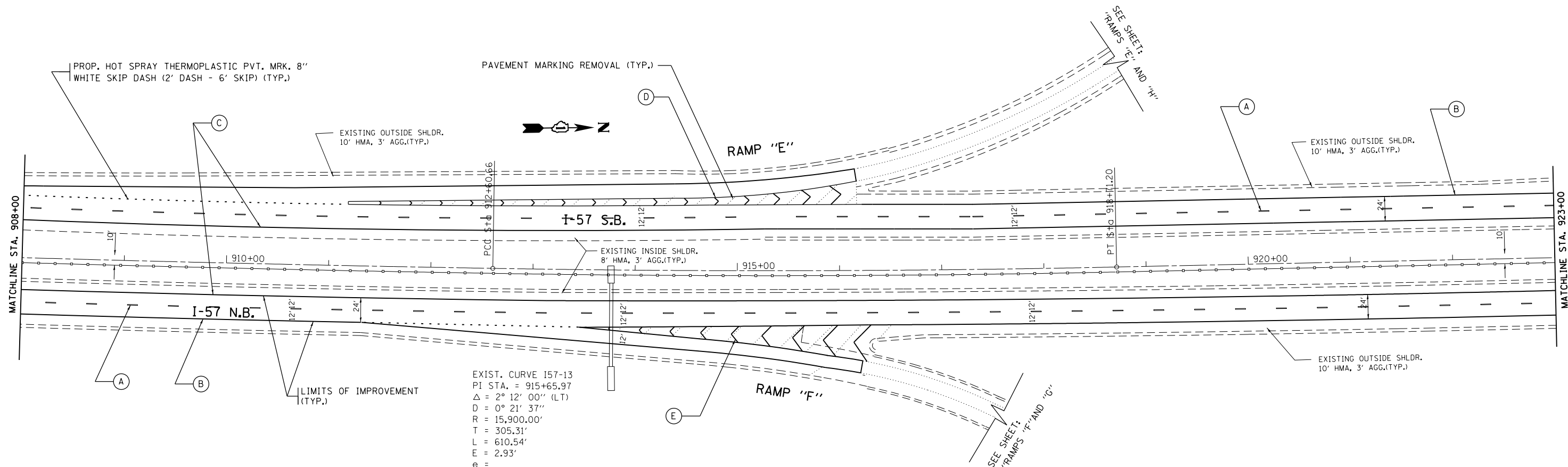
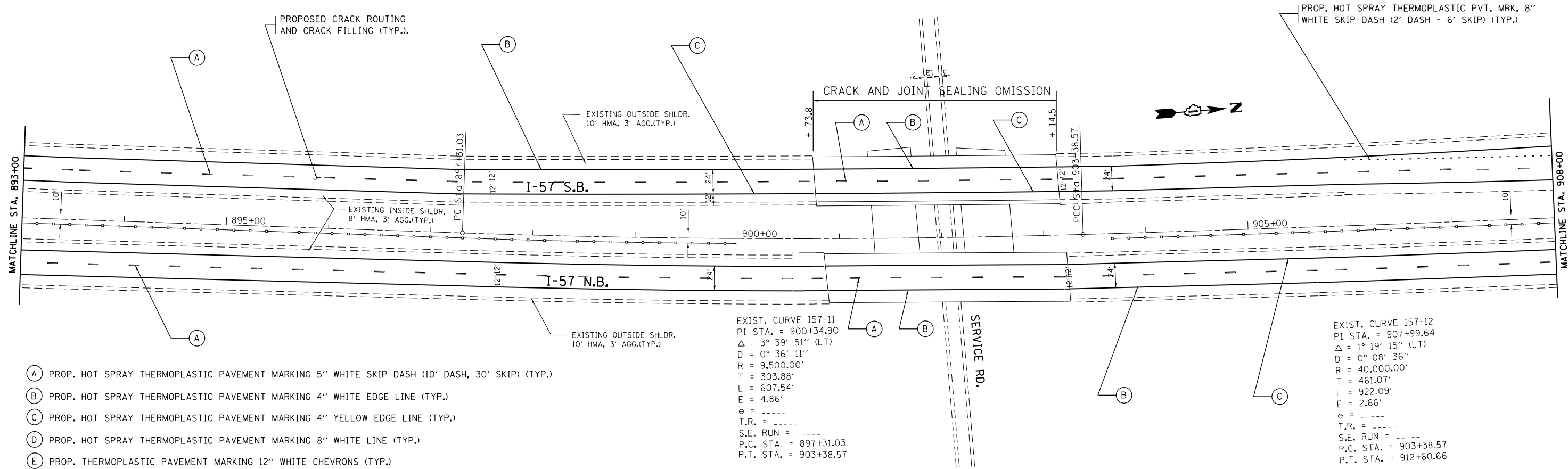
**I-57 (WILL COUNTY LINE TO 175TH STREET)
 PROPOSED PLANS AND PAVEMENT MARKING**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	2012-0661	COOK	27	6
CONTRACT NO. 60V79				
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = edouardj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-57 (WILL COUNTY LINE TO 175TH STREET) PROPOSED PLANS AND PAVEMENT MARKING	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ce:\pwwork\pwwork\edouardj\0317958\0100913-sht-pln.dgn	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -			57	2012-0661	COOK	27	7
PLOT DATE = 12/21/2012	DATE -	CHECKED -	REVISED -			CONTRACT NO. 60V79				
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
					SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	

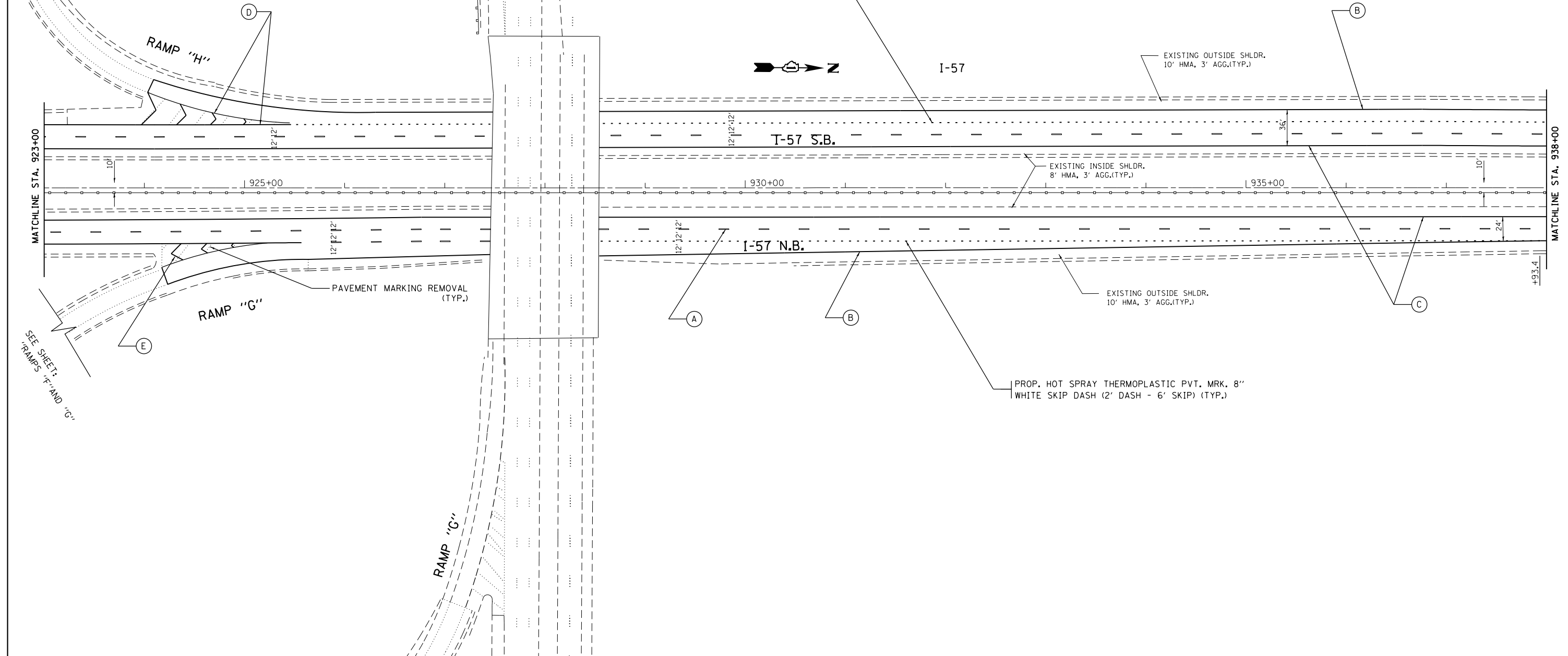


FILE NAME =	USER NAME = midyja	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-57 (WILL COUNTY LINE TO 175TH STREET) PROPOSED PLANS AND PAVEMENT MARKING				F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pwork\midot\midyja\0317958\0106918.sht.pln.dgn		DRAWN -	REVISED RUN -						57	2012-0661	COOK	27	8
PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED STA. = 912+60.66		CONTRACT NO. 60V79				ILLINOIS FED. AID PROJECT				
PLOT DATE = 1/31/2013		DATE -	REVISED STA. = 918+71.20		SCALE:	SHEET NO.	OF SHEETS	STA.			TO STA.		

- (A) PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING 5" WHITE SKIP DASH (10' DASH, 30' SKIP) (TYP.)
- (B) PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING 4" WHITE EDGE LINE (TYP.)
- (C) PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING 4" YELLOW EDGE LINE (TYP.)
- (D) PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING 8" WHITE LINE (TYP.)
- (E) PROP. THERMOPLASTIC PAVEMENT MARKING 12" WHITE CHEVRONS (TYP.)

SEE SHEET:
"RAMPS 'E' AND 'H'"

SEE SHEET:
"RAMPS 'F' AND 'G'"



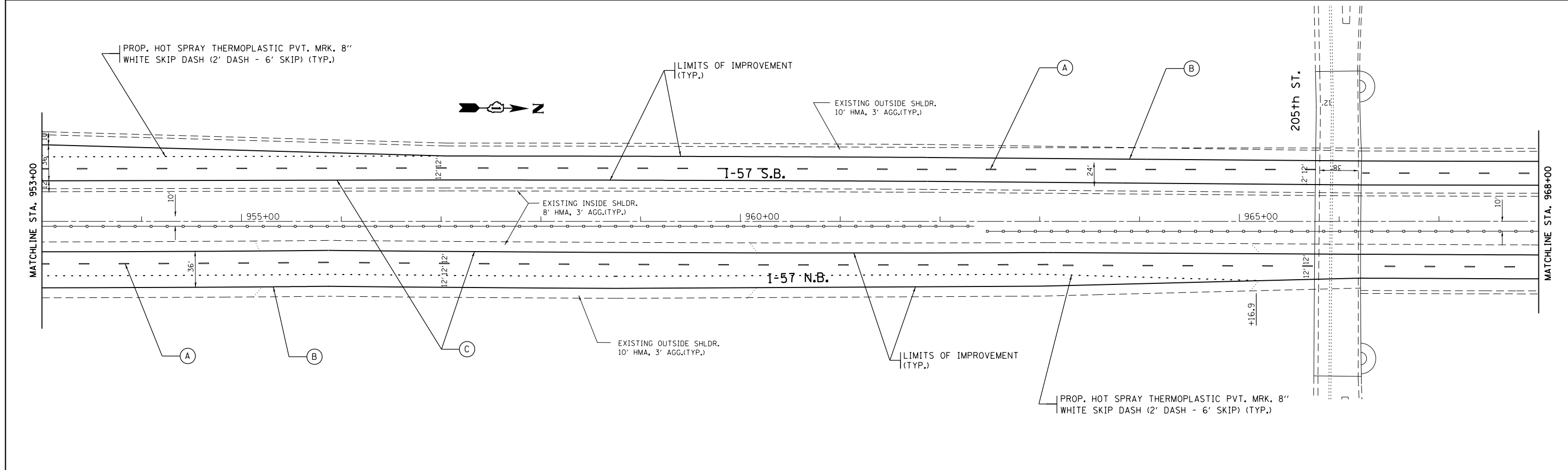
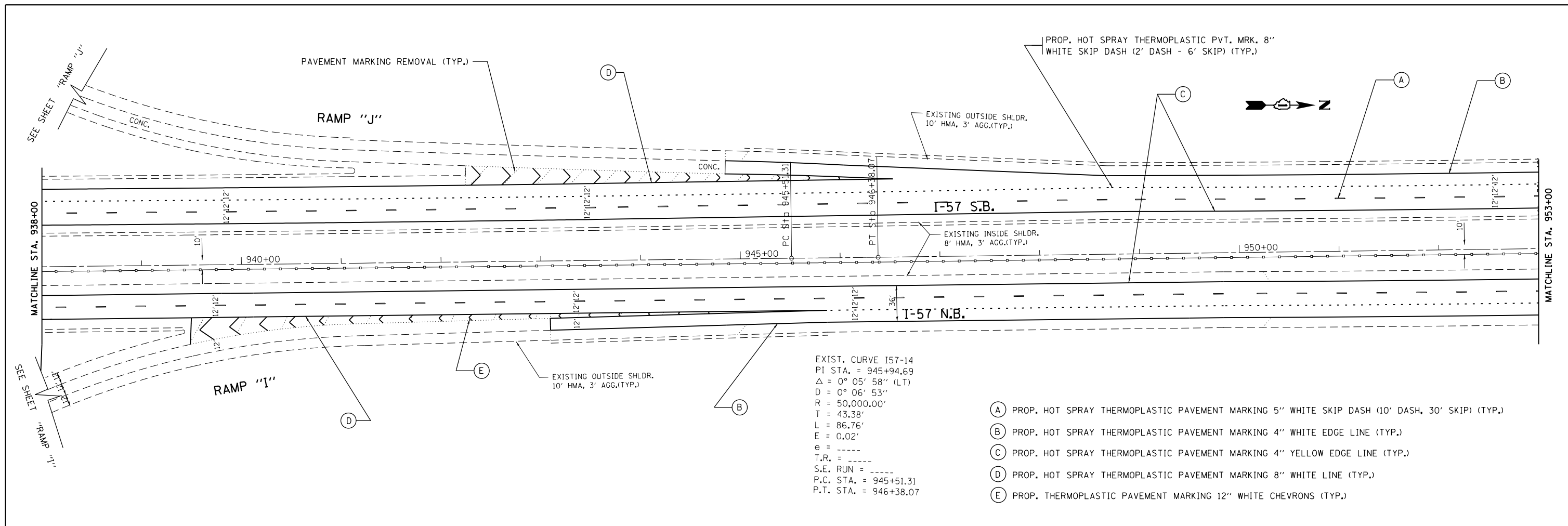
FILE NAME =	USER NAME = midyja	DESIGNED -	REVISED -
et:\pwork\pwork\midyja\0317958\0106918-sht-plan.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/31/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

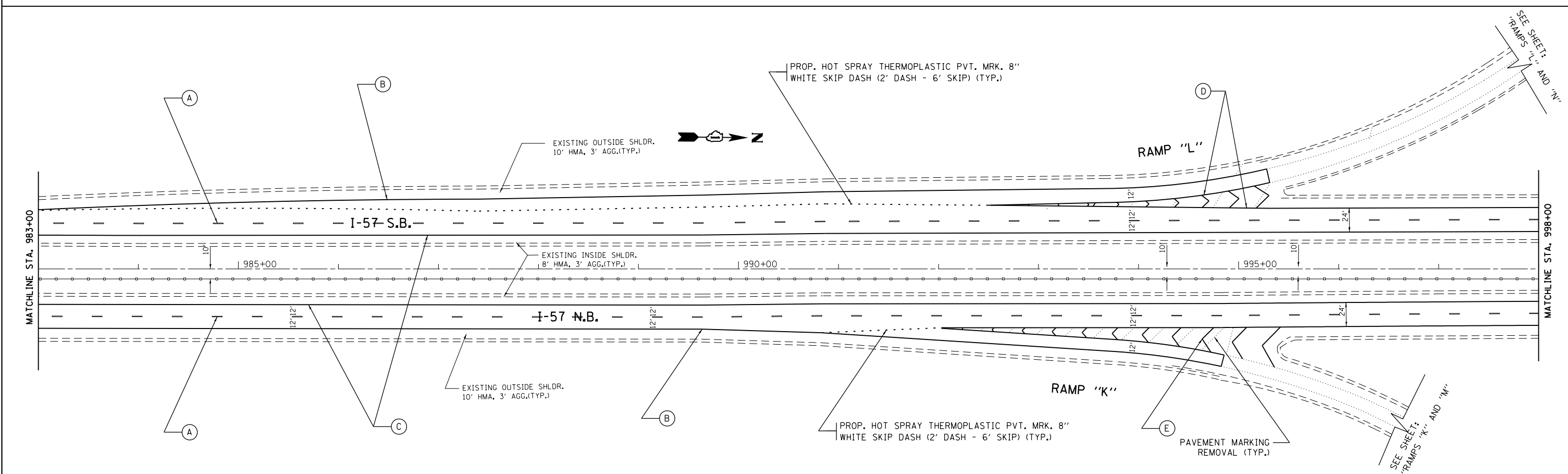
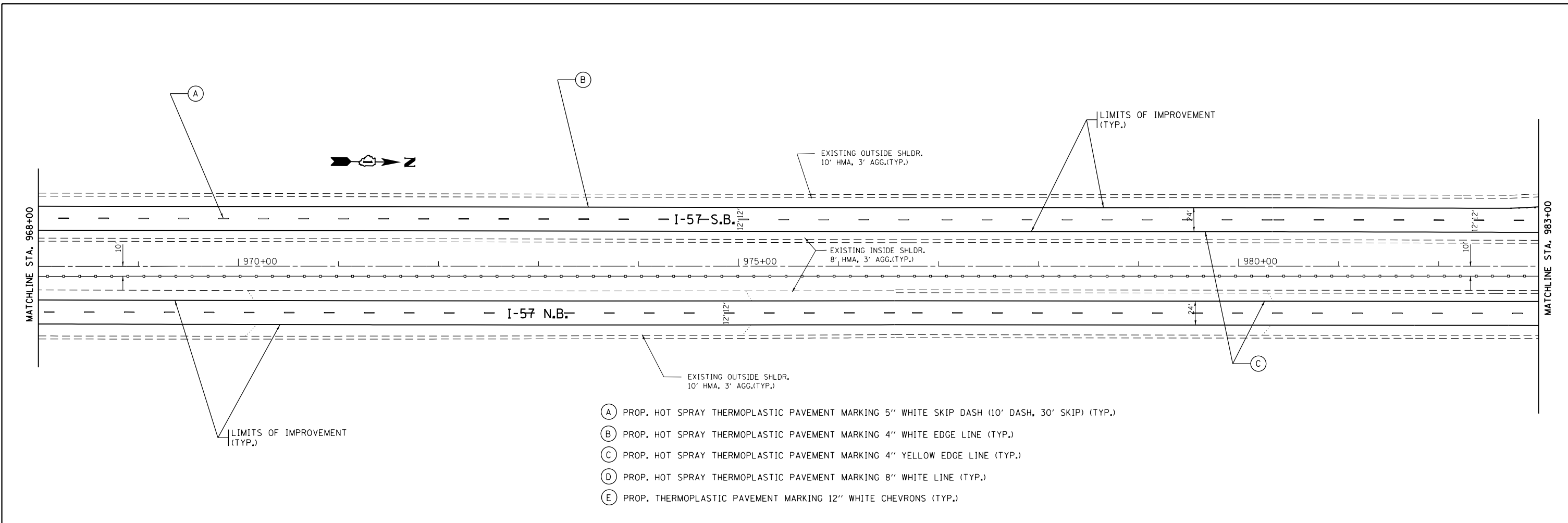
**I-57 (WILL COUNTY LINE TO 175TH STREET)
PROPOSED PLANS AND PAVEMENT MARKING**

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

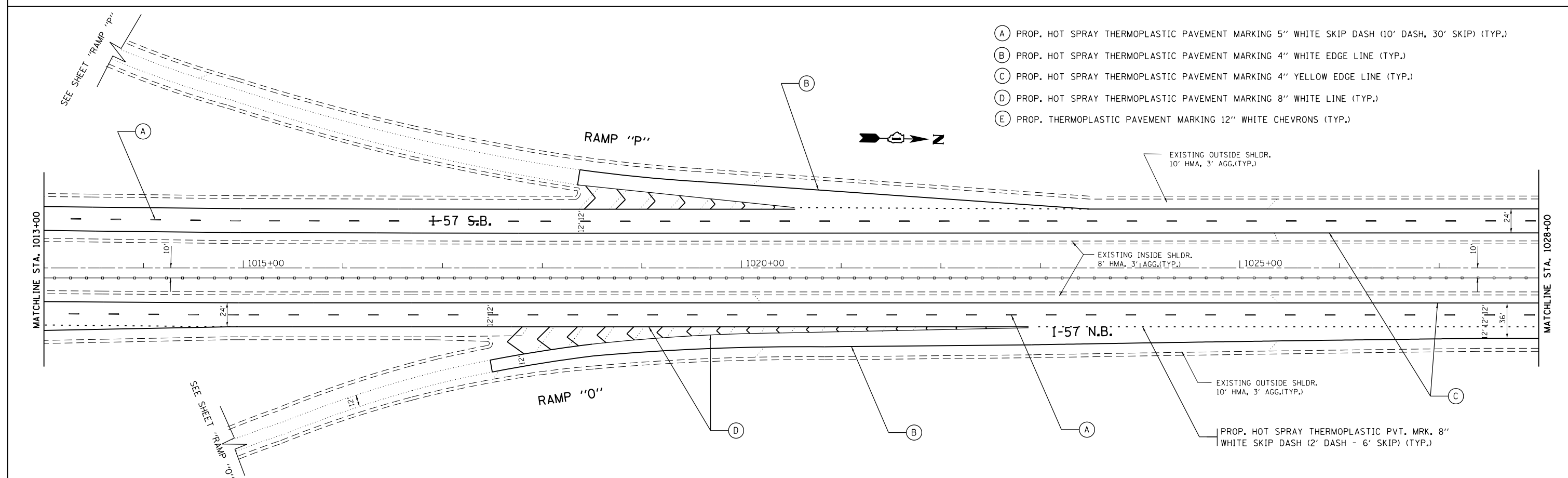
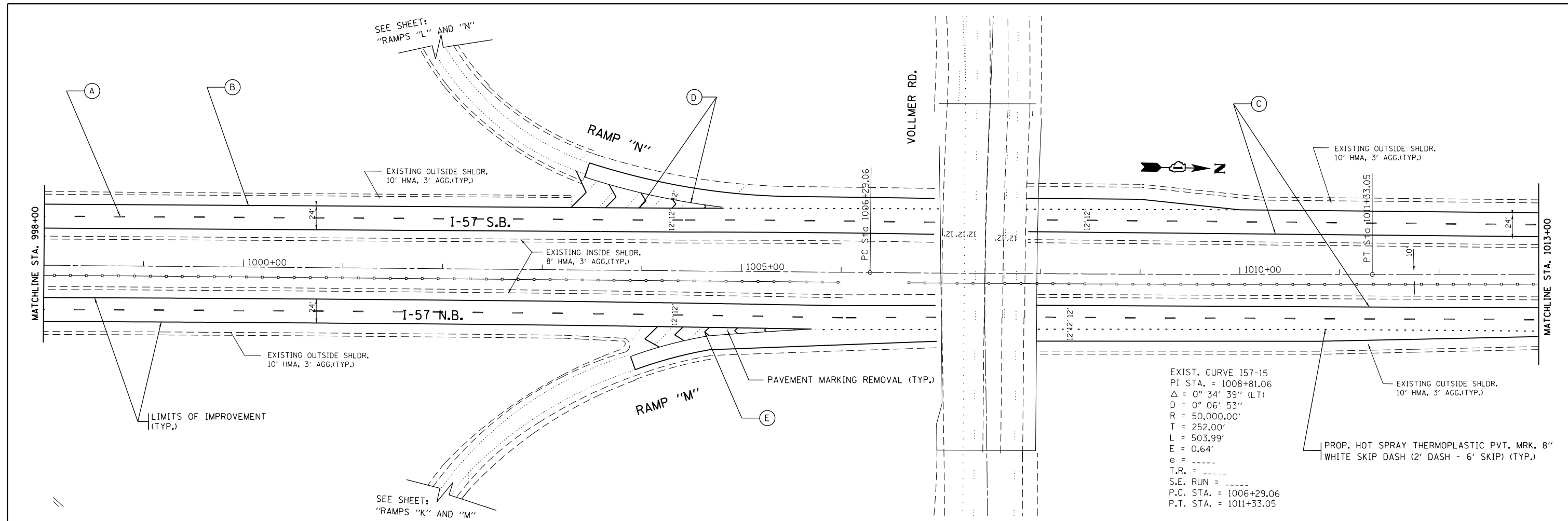
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	2012-0661	COOK	27	9
CONTRACT NO. 60V79				
ILLINOIS FED. AID PROJECT				



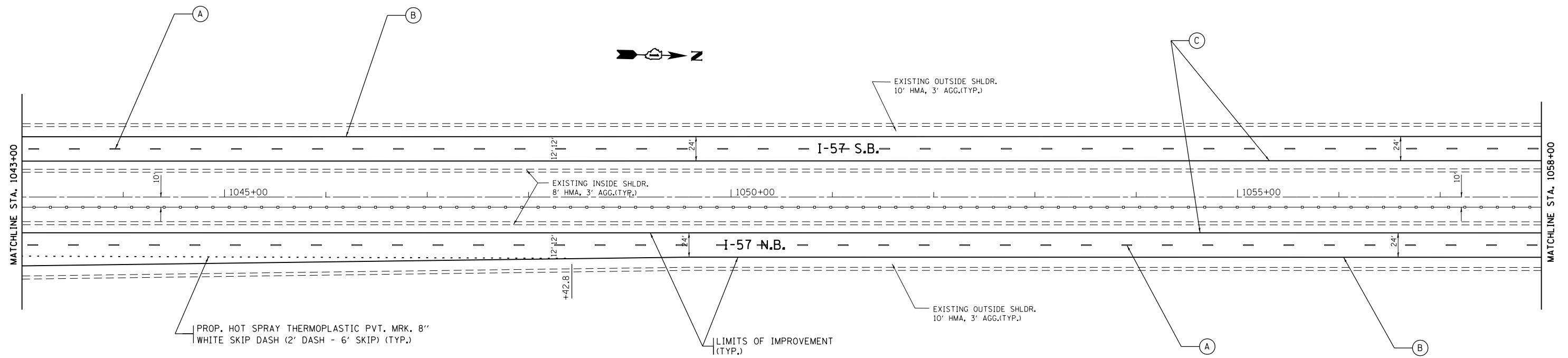
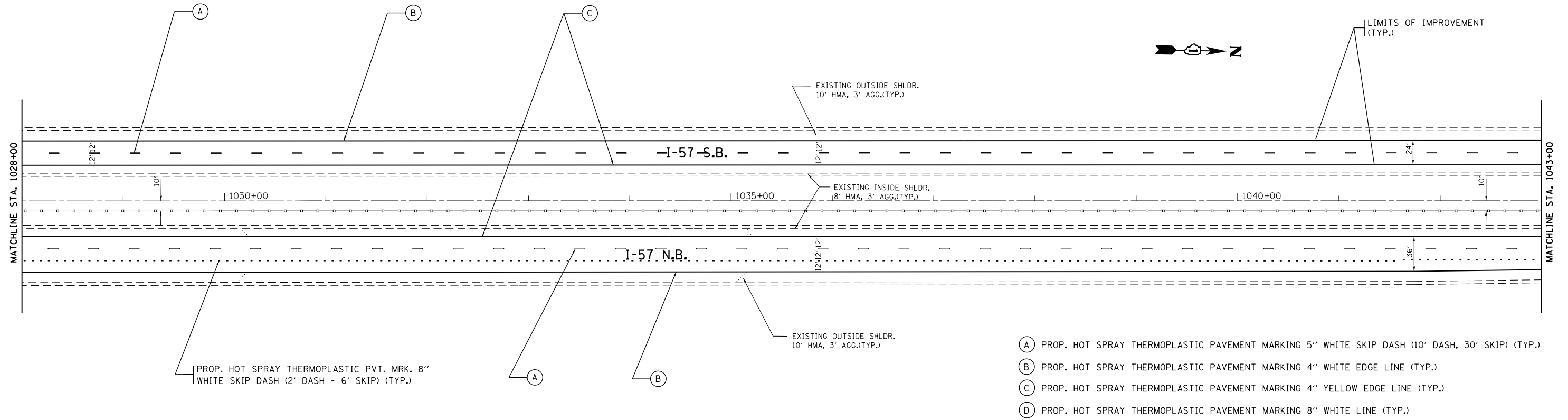
FILE NAME =	USER NAME = midyja	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-57 (WILL COUNTY LINE TO 175TH STREET) PROPOSED PLANS AND PAVEMENT MARKING	F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pwwork\pwwork\midyja\0317958\0106918-shd-plan.dgn	DRAWN -	REVISED -	57			2012-0661	COOK	27	10	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 60V79							
PLOT DATE = 1/31/2013	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
					SCALE:	SHEET NO. OF SHEETS STA. TO STA.				



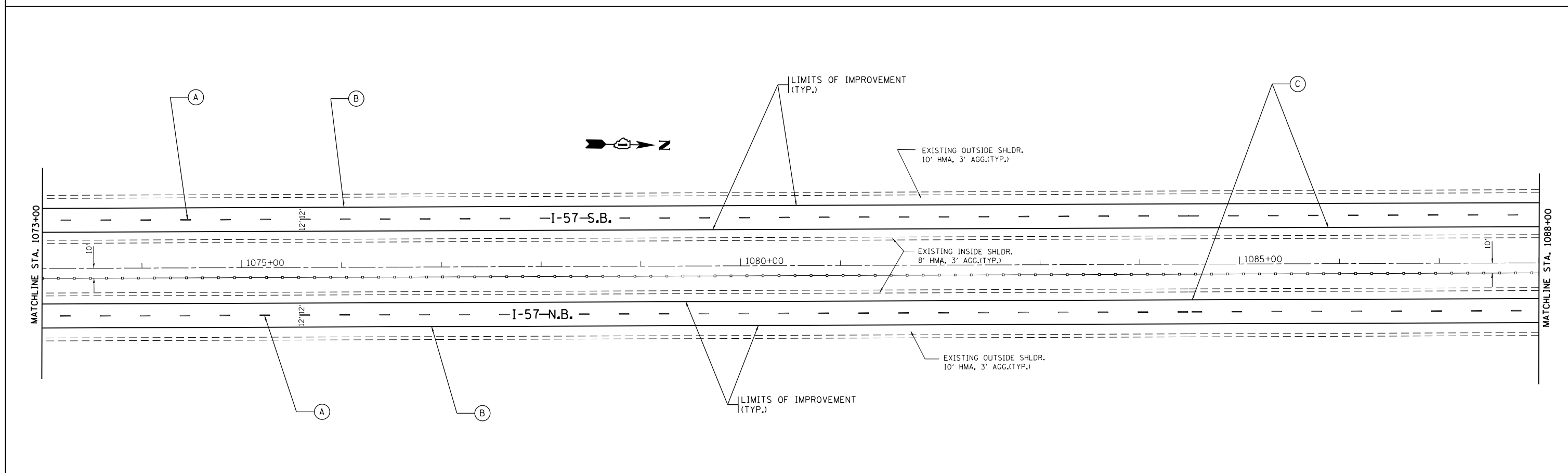
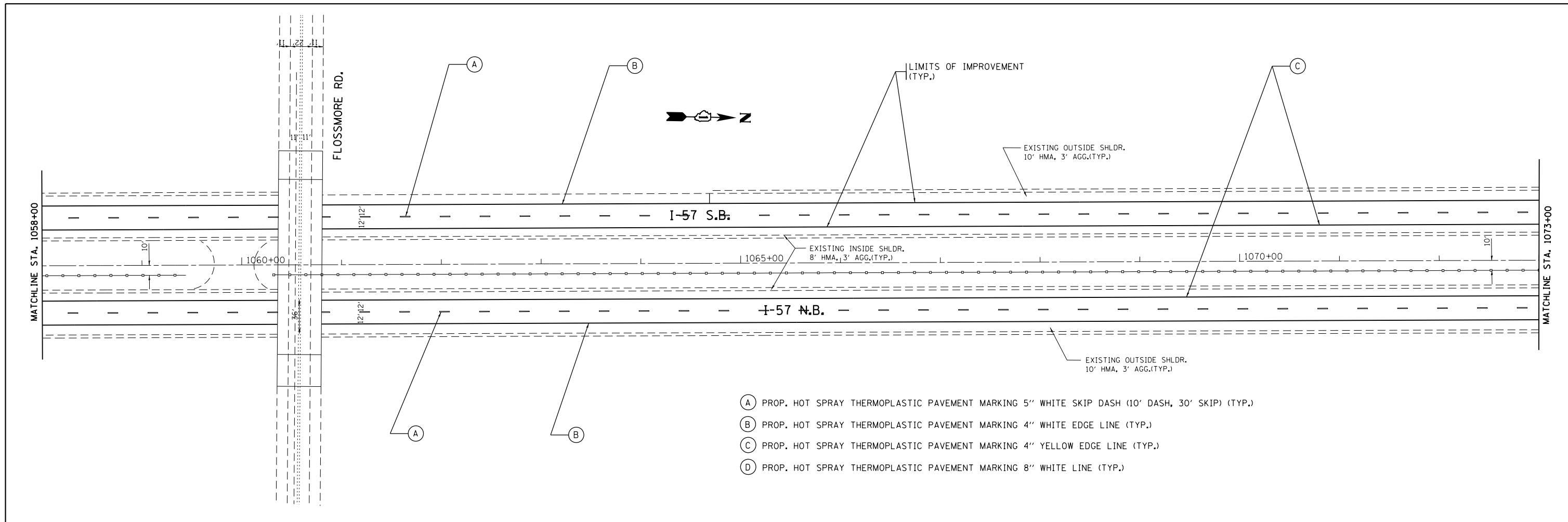
FILE NAME =	USER NAME = midyja	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-57 (WILL COUNTY LINE TO 175TH STREET) PROPOSED PLANS AND PAVEMENT MARKING				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pwwork\pwwork\midyja\0317958\0106918-sht-plan.dgn	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -						57	2012-0661	COOK	27	11
PLOT DATE = 1/31/2013	DATE -	CHECKED -	REVISED -		CONTRACT NO. 60V79				ILLINOIS FED. AID PROJECT				
		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.				



FILE NAME = c:\pwork\work\midot\midjja\0317958\0106918-shr-plan.dgn		USER NAME = midjja		DESIGNED - DRAWN -		REVISED - REVISED - REVISED - REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		I-57 (WILL COUNTY LINE TO 175TH STREET) PROPOSED PLANS AND PAVEMENT MARKING		F.A.I. RTE. = 57		SECTION = 2012-0661		COUNTY = COOK		TOTAL SHEETS = 27		SHEET NO. = 12	
PLOT SCALE = 1/31/2013		CHECKED - DATE -		SCALE: SHEET NO. OF SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT						CONTRACT NO. 60V79									

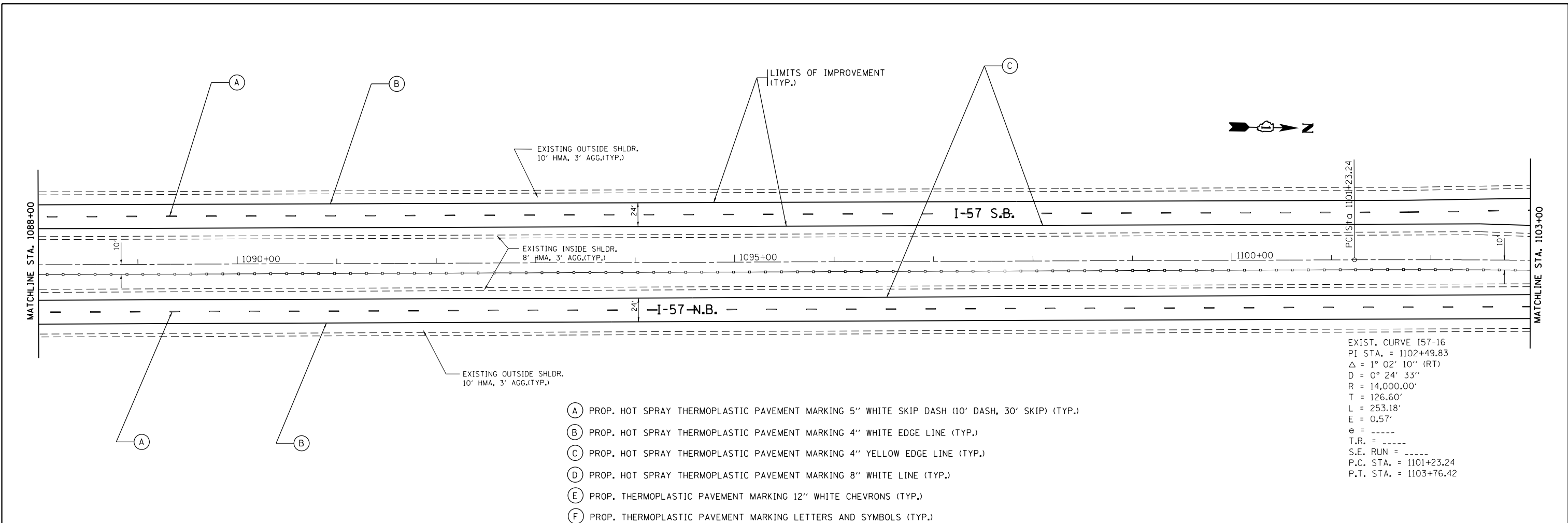


FILE NAME =	USER NAME = edouardj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-57 (WILL COUNTY LINE TO 175TH STREET) PROPOSED PLANS AND PAVEMENT MARKING	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
es:\pw\work\p\midot\edouardj\0317958\0100913-sht-pln.dgn	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -			57	2012-0661	COOK	27	13	
PLOT DATE = 12/21/2012	DATE -	CHECKED -	REVISED -			CONTRACT NO. 60V79					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
					SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.		

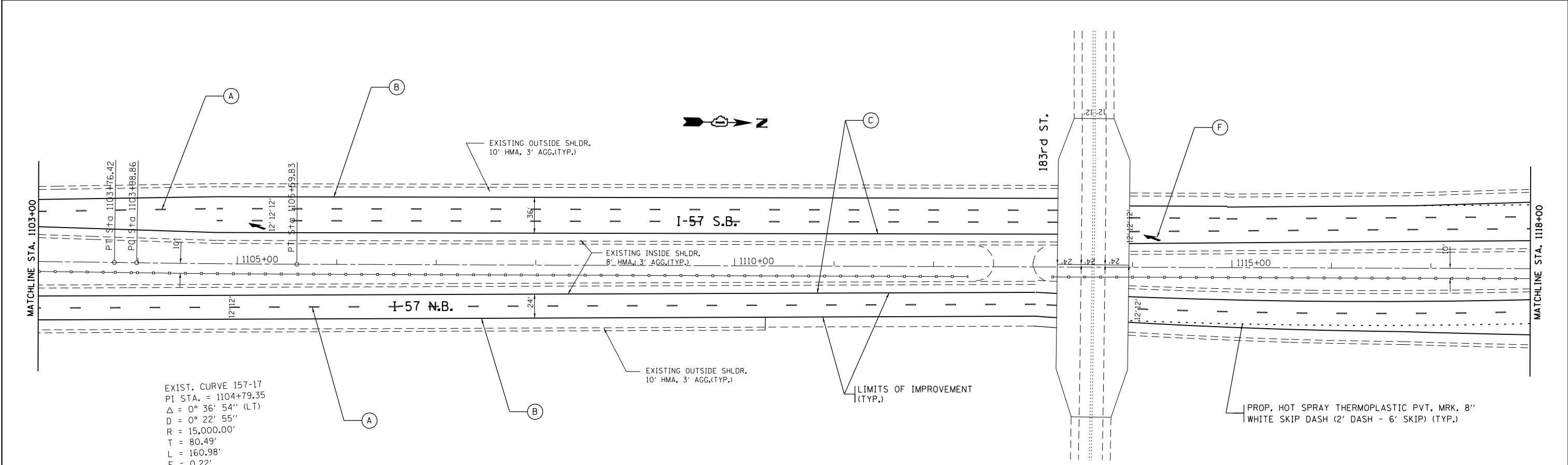


FILE NAME =	USER NAME = edouardj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-57 (WILL COUNTY LINE TO 175TH STREET) PROPOSED PLANS AND PAVEMENT MARKING	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ce:\pwork\pwork\edouardj\0317958\0108913-sht.pln.dgn		DRAWN -	REVISED -			57	2012-0661	COOK	27	14	
PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED -			CONTRACT NO. 60V79					
PLOT DATE = 12/21/2012		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

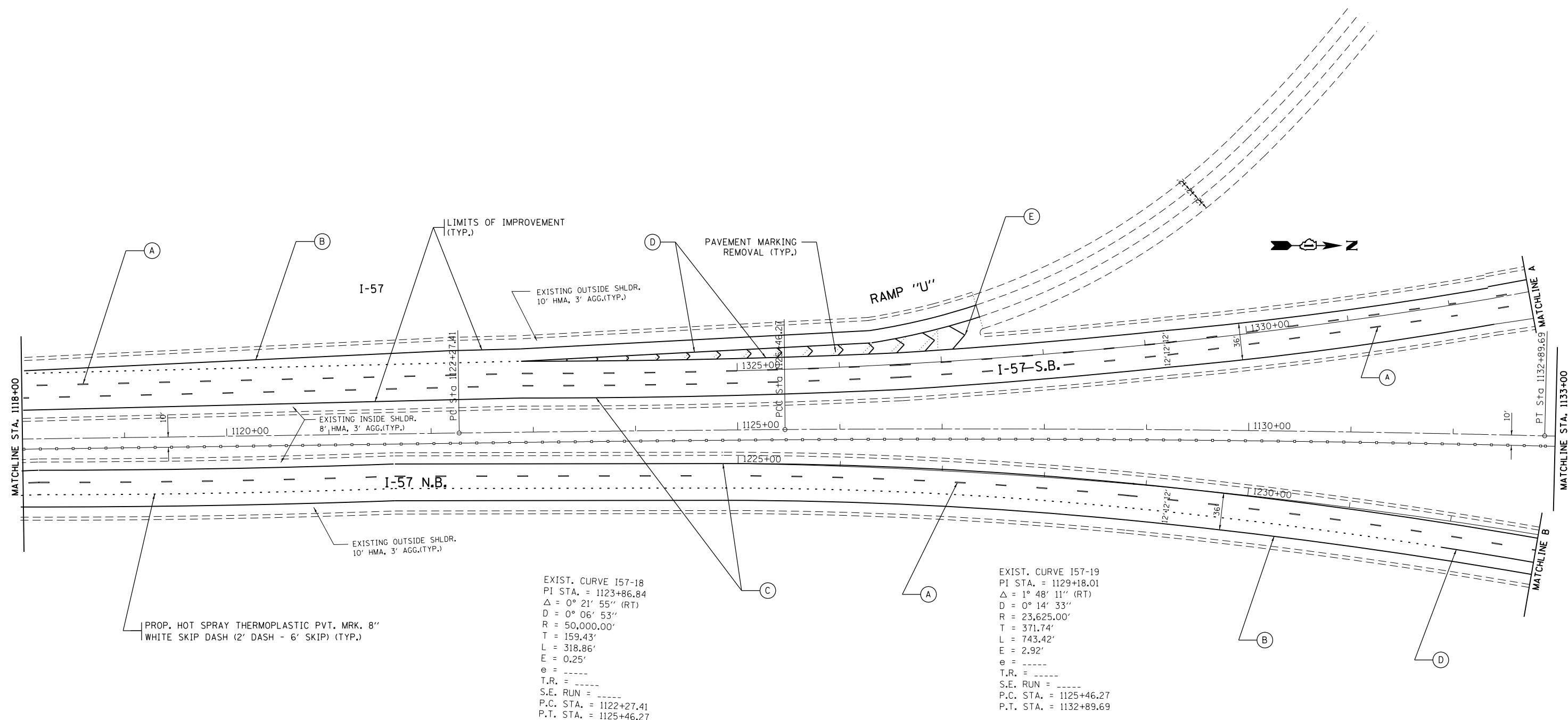
SCALE: SHEET NO. OF SHEETS STA. TO STA.



- (A) PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING 5" WHITE SKIP DASH (10' DASH, 30' SKIP) (TYP.)
- (B) PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING 4" WHITE EDGE LINE (TYP.)
- (C) PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING 4" YELLOW EDGE LINE (TYP.)
- (D) PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING 8" WHITE LINE (TYP.)
- (E) PROP. THERMOPLASTIC PAVEMENT MARKING 12" WHITE CHEVRONS (TYP.)
- (F) PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS (TYP.)



FILE NAME =	USER NAME = madya	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-57 (WILL COUNTY LINE TO 175TH STREET) PROPOSED PLANS AND PAVEMENT MARKING	F.A.I. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pwork\pwork\midj\0317958\0106918-shd-pln.dgn	DATE = 11/03/2011	DRAWN -	REVISED -			57	2012-0661	COOK	27	15
PLOT SCALE = 1/8"=1'-0"	PI STA. = 1103+98.86	CHECKED -	REVISED -			CONTRACT NO. 60V79				
PLOT DATE = 11/05/2011	PT STA. = 1105+59.83	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				



PROP. HOT SPRAY THERMOPLASTIC PVT. MRK. 8" WHITE SKIP DASH (2' DASH - 6' SKIP) (TYP.)

EXIST. CURVE 157-18
 PI STA. = 1123+86.84
 $\Delta = 0^\circ 21' 55''$ (RT)
 D = 0° 06' 53"
 R = 50,000.00'
 T = 159.43'
 L = 318.86'
 E = 0.25'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 1122+27.41
 P.T. STA. = 1125+46.27

EXIST. CURVE 157-19
 PI STA. = 1129+18.01
 $\Delta = 1^\circ 48' 11''$ (RT)
 D = 0° 14' 33"
 R = 23,625.00'
 T = 371.74'
 L = 743.42'
 E = 2.92'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 1125+46.27
 P.T. STA. = 1132+89.69

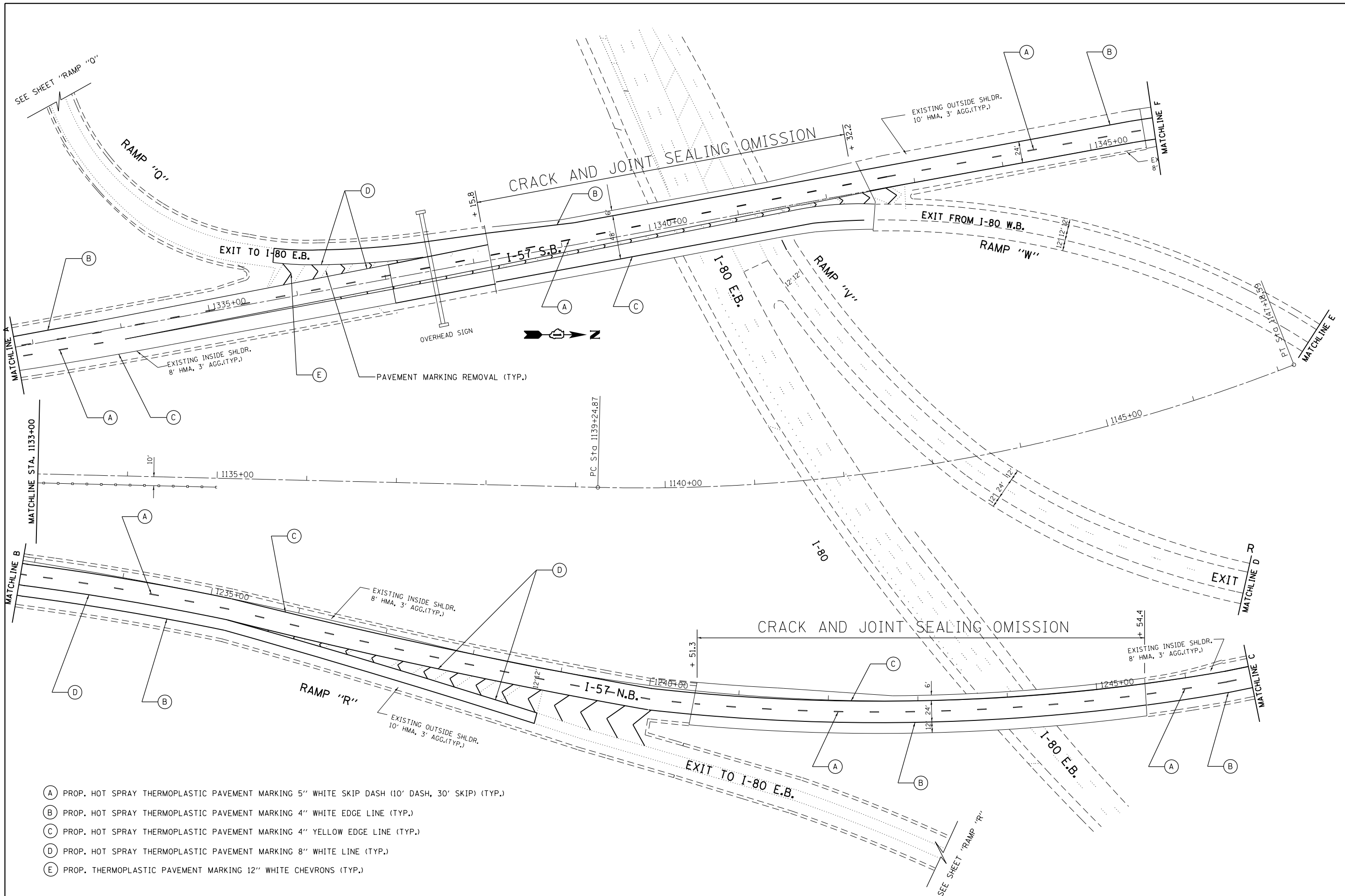
- (A) PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING 5" WHITE SKIP DASH (10' DASH, 30' SKIP) (TYP.)
- (B) PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING 4" WHITE EDGE LINE (TYP.)
- (C) PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING 4" YELLOW EDGE LINE (TYP.)
- (D) PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING 8" WHITE LINE (TYP.)
- (E) PROP. THERMOPLASTIC PAVEMENT MARKING 12" WHITE CHEVRONS (TYP.)

FILE NAME =	USER NAME = midyja	DESIGNED -	REVISED -
et:\pwork\midot\midyja\0317958\0106918-sht.pln.dgn		DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED -
PLOT DATE = 1/31/2013		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

I-57 (WILL COUNTY LINE TO 175TH STREET) PROPOSED PLANS AND PAVEMENT MARKING			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

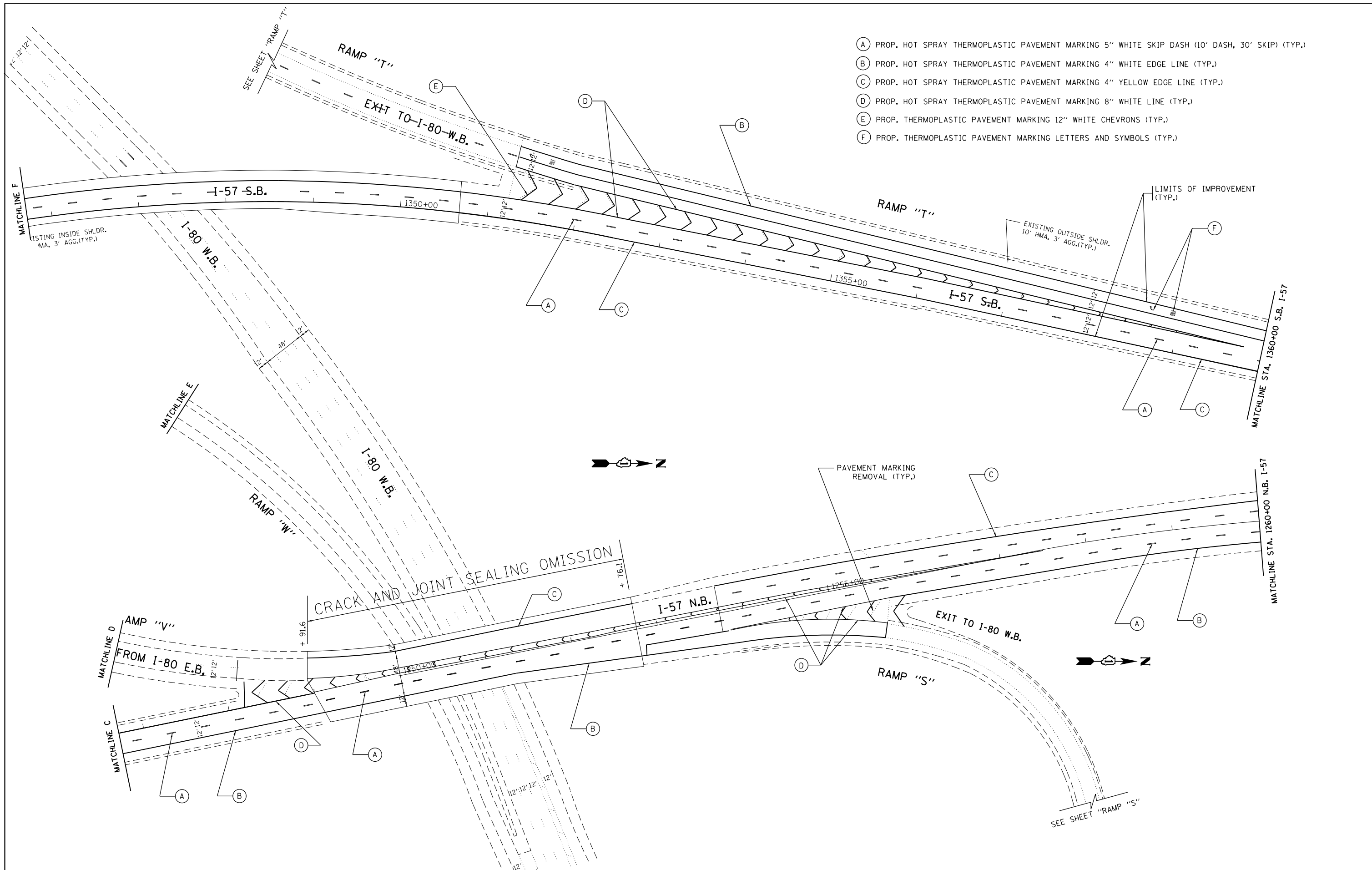
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	2012-0661	COOK	27	16
CONTRACT NO. 60V79				
ILLINOIS FED. AID PROJECT				



- (A) PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING 5" WHITE SKIP DASH (10' DASH, 30' SKIP) (TYP.)
- (B) PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING 4" WHITE EDGE LINE (TYP.)
- (C) PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING 4" YELLOW EDGE LINE (TYP.)
- (D) PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING 8" WHITE LINE (TYP.)
- (E) PROP. THERMOPLASTIC PAVEMENT MARKING 12" WHITE CHEVRONS (TYP.)

FILE NAME =	USER NAME = midyja	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-57 (WILL COUNTY LINE TO 175TH STREET) PROPOSED PLANS AND PAVEMENT MARKING			F.A.I. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\pwwork\midyja\0317958\0106918-sht-plan.dgn	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -					57	2012-0661	COOK	27	17
PLOT DATE = 1/31/2013	DATE -	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 60V79				
								ILLINOIS FED. AID PROJECT				

- (A) PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING 5" WHITE SKIP DASH (10' DASH, 30' SKIP) (TYP.)
- (B) PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING 4" WHITE EDGE LINE (TYP.)
- (C) PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING 4" YELLOW EDGE LINE (TYP.)
- (D) PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING 8" WHITE LINE (TYP.)
- (E) PROP. THERMOPLASTIC PAVEMENT MARKING 12" WHITE CHEVRONS (TYP.)
- (F) PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS (TYP.)



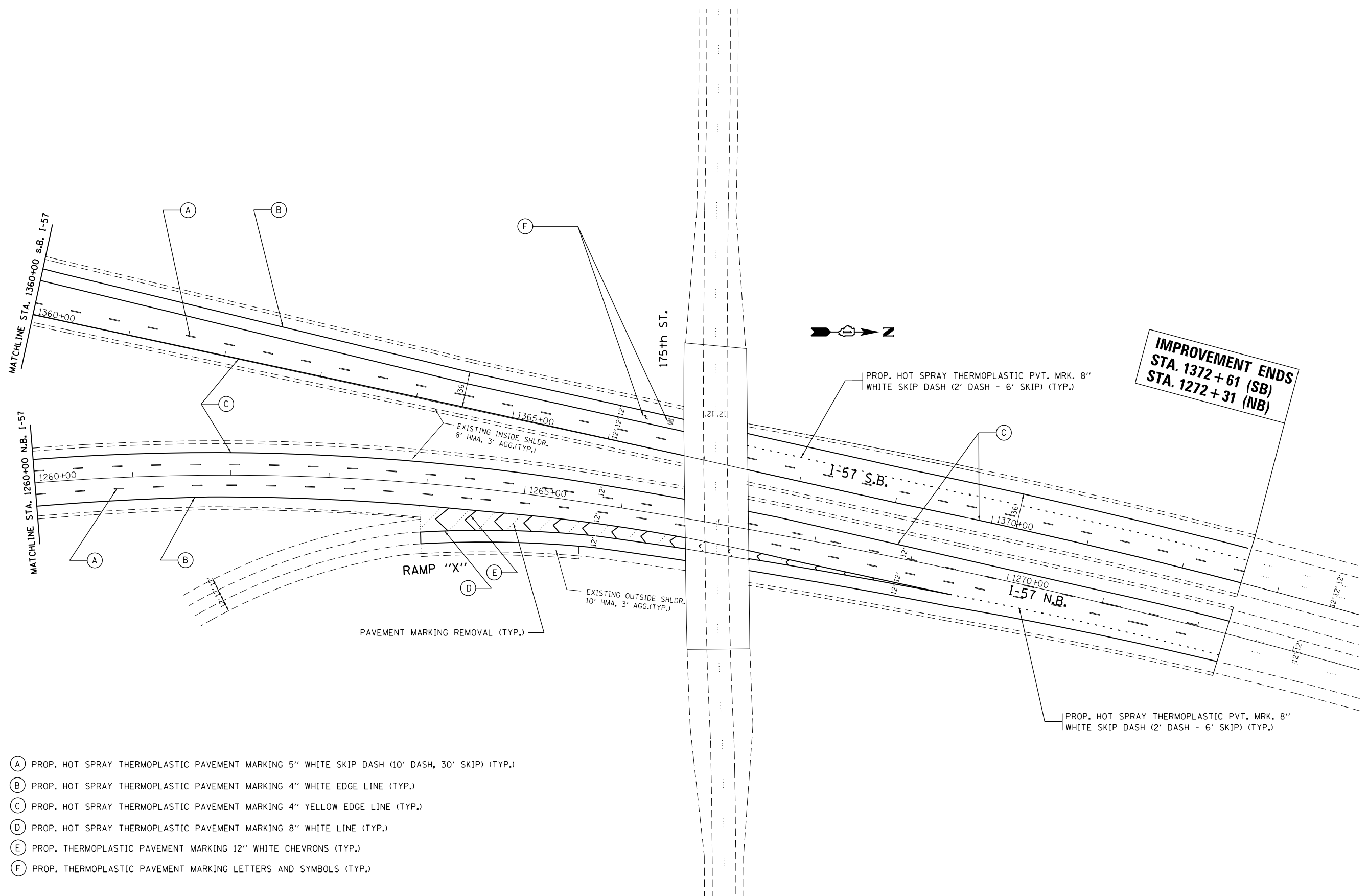
FILE NAME =	USER NAME = midyja	DESIGNED -	REVISED -
et:\pw\work\p\midot\midyja\0317958\0106918\shp\plan.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-57 (WILL COUNTY LINE TO 175TH STREET)
PROPOSED PLANS AND PAVEMENT MARKING**

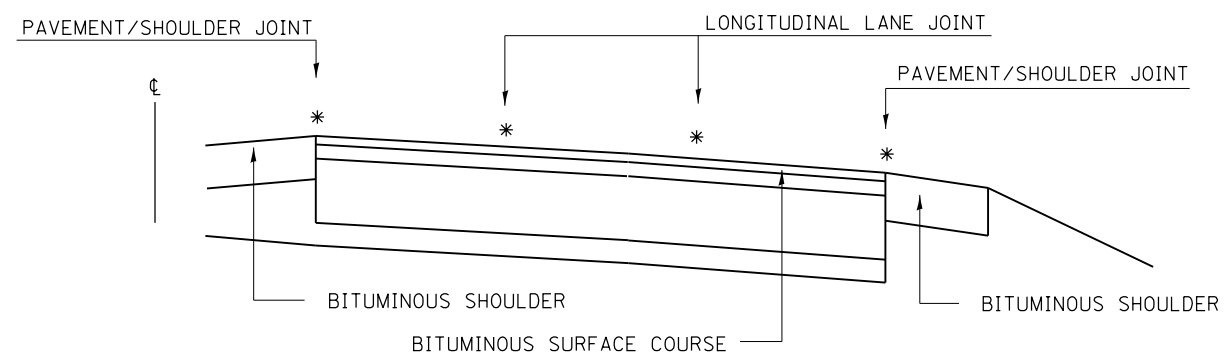
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	2012-0661	COOK	27	18
CONTRACT NO. 60V79				
ILLINOIS FED. AID PROJECT				

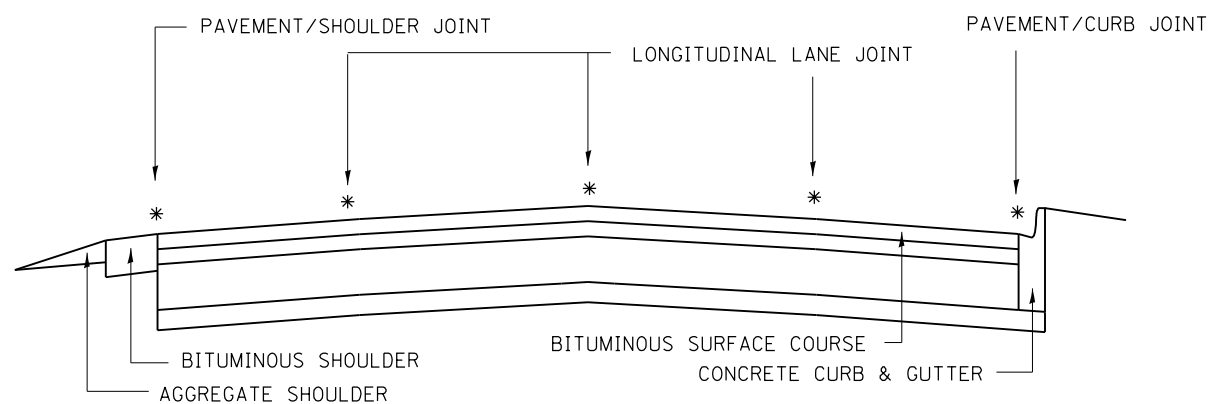


- (A) PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING 5" WHITE SKIP DASH (10' DASH, 30' SKIP) (TYP.)
- (B) PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING 4" WHITE EDGE LINE (TYP.)
- (C) PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING 4" YELLOW EDGE LINE (TYP.)
- (D) PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING 8" WHITE LINE (TYP.)
- (E) PROP. THERMOPLASTIC PAVEMENT MARKING 12" WHITE CHEVRONS (TYP.)
- (F) PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS (TYP.)

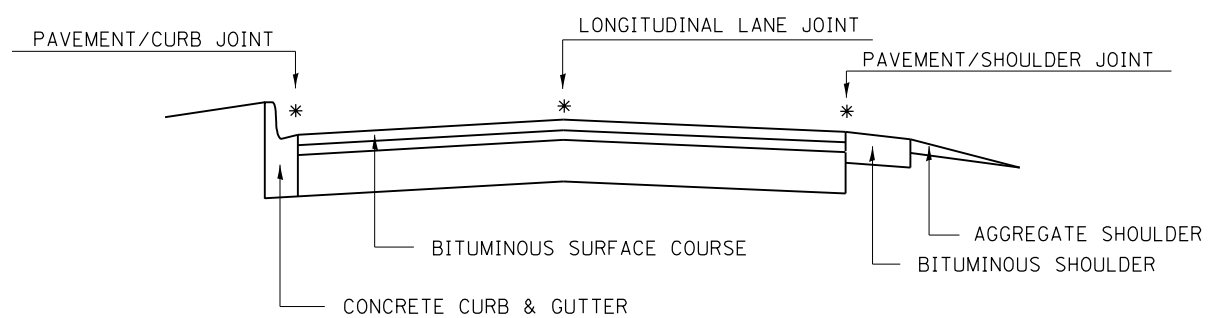
FILE NAME =	USER NAME = midyja	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-57 (WILL COUNTY LINE TO 175TH STREET) PROPOSED PLANS AND PAVEMENT MARKING			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p1dot\midyja\10317958\0106913-sht.pln.dgn		DRAWN -	REVISED -		57	2012-0661	COOK	27	19			
PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 60V79							
PLOT DATE = 1/31/2013		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							
					SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.			



MULTI-LANE DIVIDED PAVEMENT



MULTI-LANE UNDIVIDED PAVEMENT

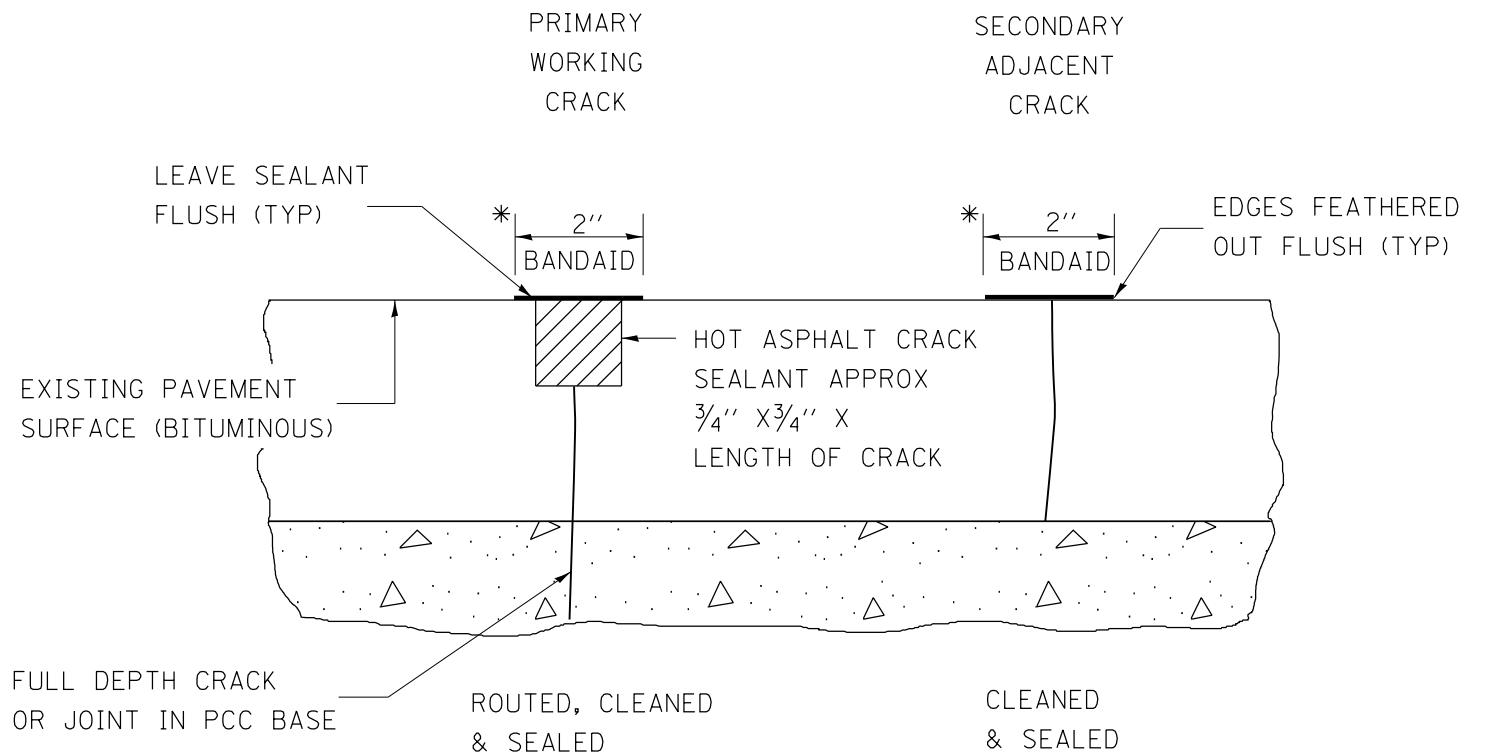


TWO-LANE PAVEMENT

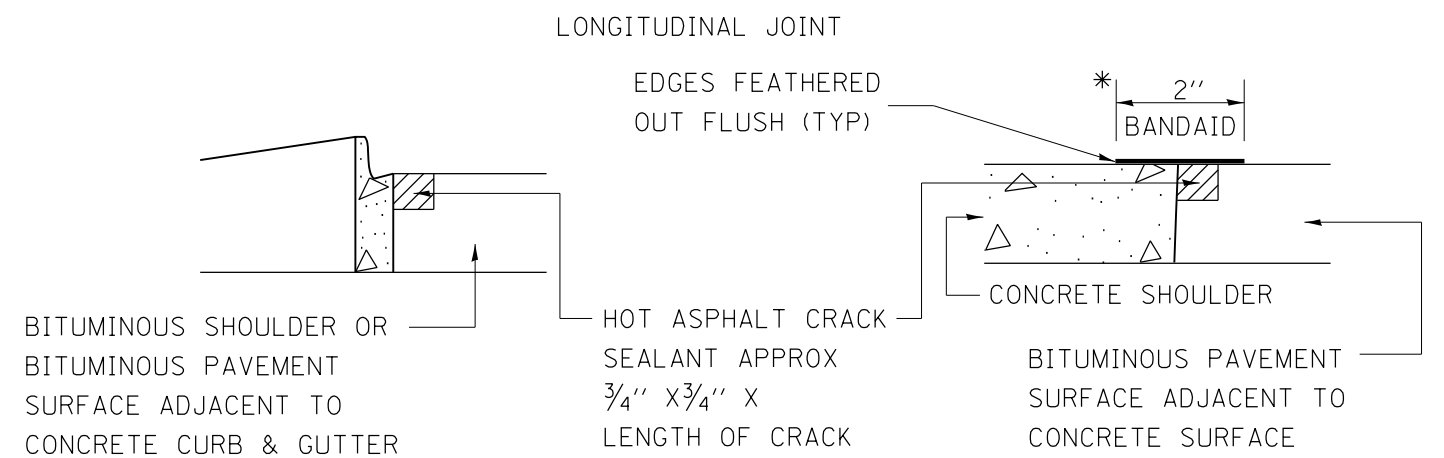
PROPOSED TRANSVERSE CRACK ROUTING (PAVEMENT) & CRACK FILLING LOCATIONS NOT SHOWN

* PROPOSED LONGITUDINAL CRACK ROUTING (PAVEMENT) & CRACK FILLING LOCATIONS

GENERAL EXISTING TYPICAL SECTIONS



IN ALL LOCATIONS WHERE THE LONGITUDINAL CRACK CONFLICTS WITH EXISTING PAVEMENT MARKINGS (EITHER EDGE LINE OR LANE LINE) THE CRACK SHALL BE ROUTED & THE RESULTING RESERVOIR FILLED WITH SEALANT. HOWEVER, THE 2" BANDAID SEALANT STRIP SHALL BE DELETED TO PREVENT UNNECESSARY DAMAGE TO THE EXISTING PAVEMENT MARKINGS. ALL DAMAGES TO EXISTING RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR. ALL EXISTING PAVEMENT MARKINGS WITHIN THE PROJECT LIMITS SHALL BE RESTORED WITH HOT SPRAY THERMOPLASTIC PAVEMENT MARKINGS.



CRACK & JOINT SEALING DETAIL

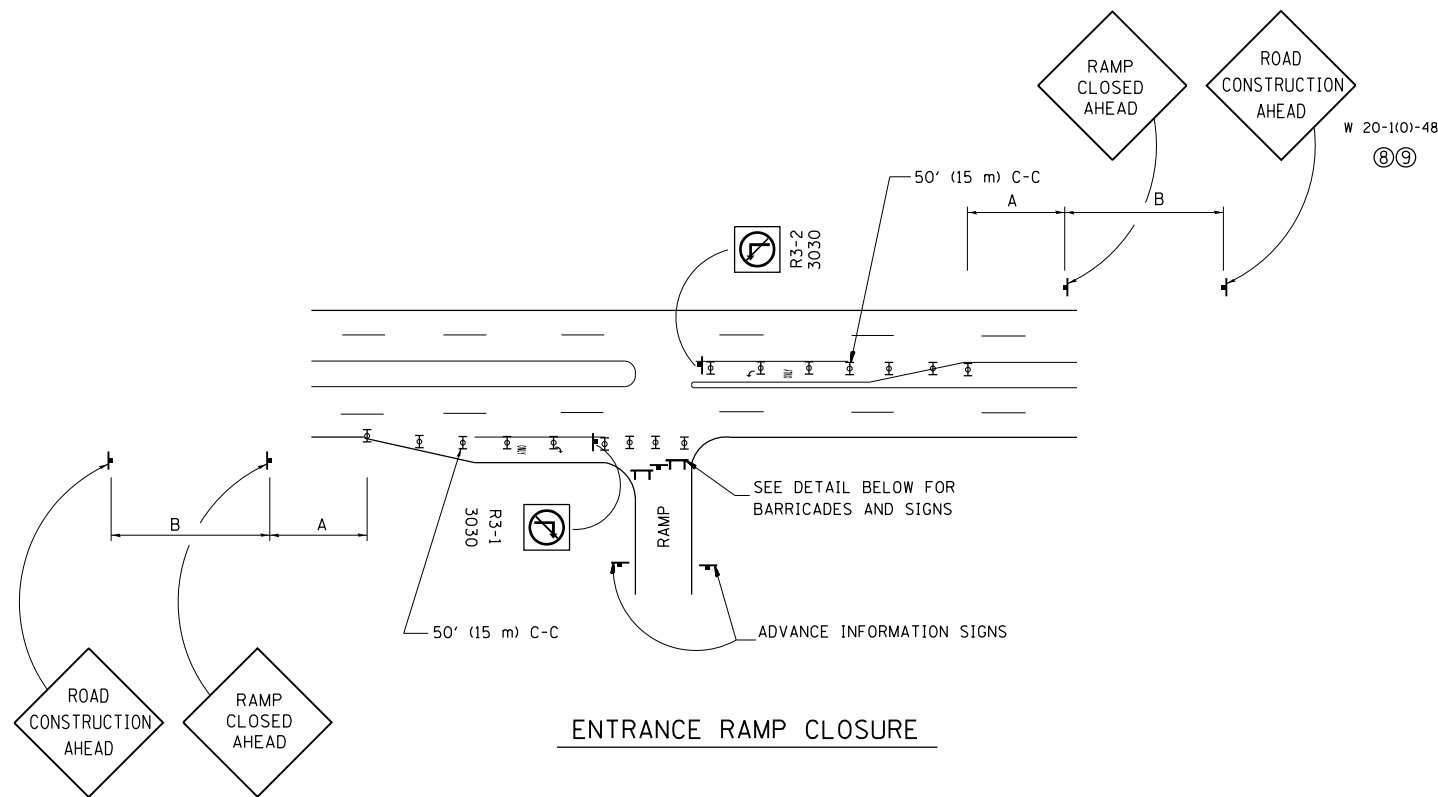
FILE NAME = D:\06913-sht-plen.dgn	USER NAME = edouardj	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/21/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CRACK & JOINT SEALING DETAIL
I-57 (WILL COUNTY LINE TO 175TH STREET)

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	2012-0661	COOK	27	20
CONTRACT NO. 60V79				
ILLINOIS FED. AID PROJECT				



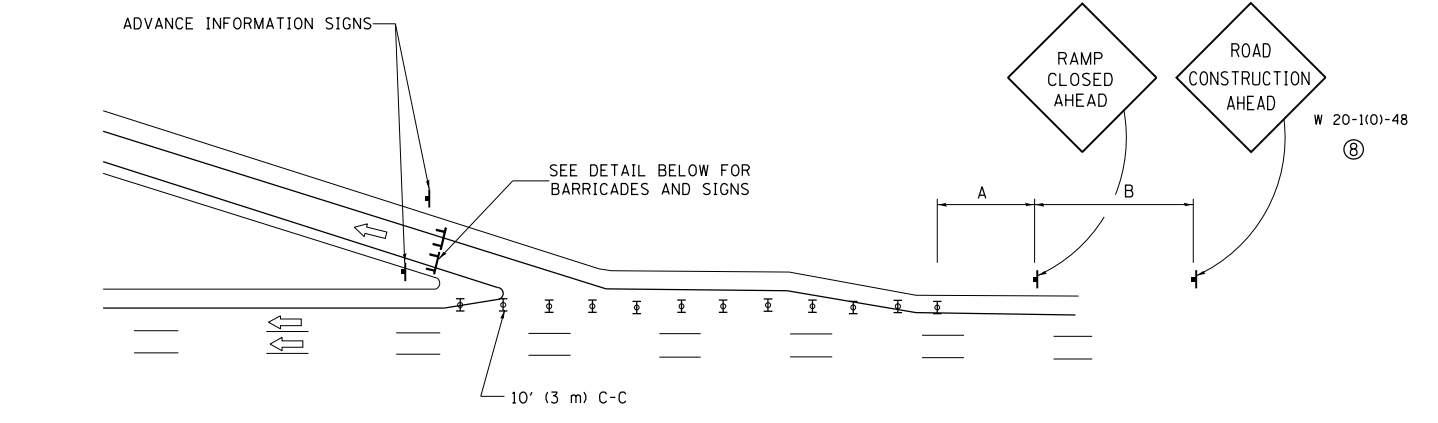
ENTRANCE RAMP CLOSURE

SIGN SPACING TABLE

FACILITY	DISTANCE BETWEEN SIGNS	
	A	B
EXPRESSWAY >24 HOURS	1000' (300 m)	1500' (450 m)
EXPRESSWAY <24 HOURS	500' (150 m)	500' (150 m)
ARTERIAL ≥45 MPH	350' (100 m)	350' (100 m)
ARTERIAL <45 MPH	150' (45 m)	150' (45 m)

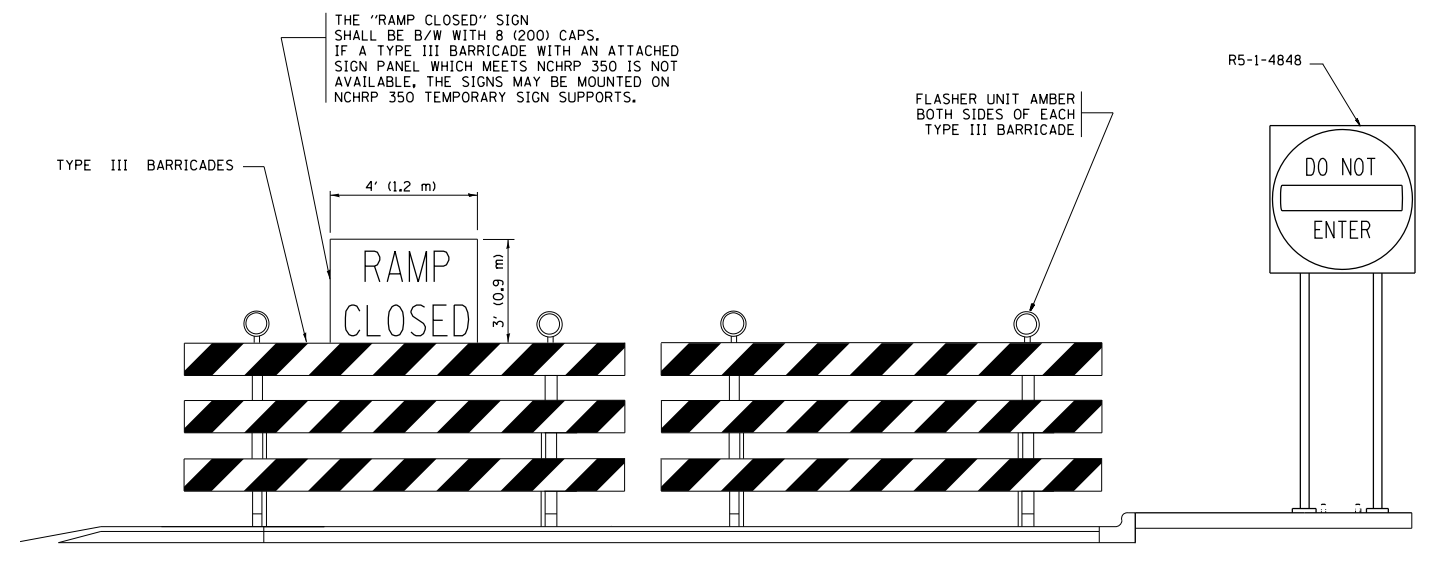
DISTANCES MAY BE SHORTENED DEPENDING UPON THE PROXIMITY OF ADJACENT RAMPS OR INTERSECTIONS.

W 20-1(0)-48
⑧⑨

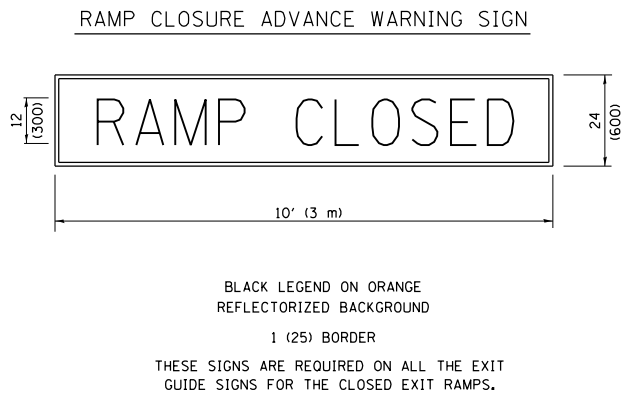


EXIT RAMP CLOSURE

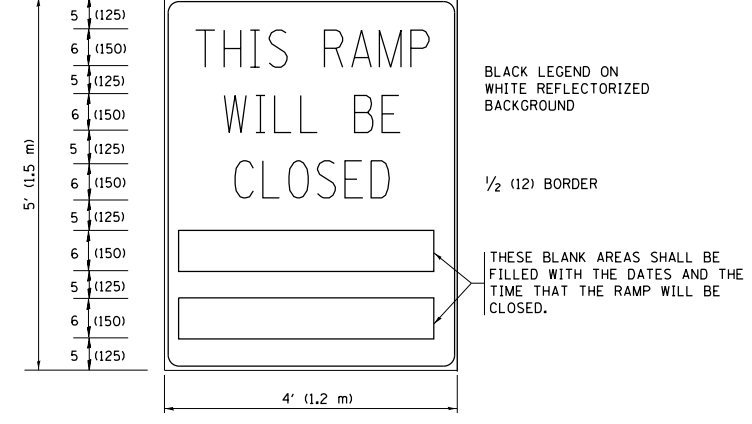
- SYMBOLS**
- ⊥ TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONO-DIRECTIONAL LIGHT
 - ⊓ TYPE III BARRICADE WITH FLASHING LIGHT



DETAIL FOR REQUIRED BARRICADES & SIGNS



RAMP CLOSURE ADVANCE WARNING SIGN



RAMP CLOSURE ADVANCE INFORMATION SIGN

THESE SIGNS ARE REQUIRED ON BOTH SIDES OF THE RAMP, MINIMUM OF 1 WEEK IN ADVANCE OF THE CLOSURE.

GENERAL NOTES:

- ① CONES MAY BE SUBSTITUTED FOR DRUMS OR TYPE II BARRICADES DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (700) HIGH.
- ② STEADY BURN LIGHTS WILL NOT BE REQUIRED FOR DAY OPERATIONS.
- ③ A FLAGGER SHALL BE POSITIONED AT EACH CLOSED RAMP THAT IS OPEN TO CONSTRUCTION VEHICLES.
- ④ ALL ROUTE MARKERS AND TRAILBLAZER ASSEMBLIES WHICH DIRECT MOTORISTS TO A CLOSED ENTRANCE RAMP SHALL BE COVERED.
- ⑤ THE SIGNING AND BARRICADING WHICH IS REQUIRED BY THIS DETAIL SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).
- ⑥ AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL RAMP CLOSURES.
- ⑦ THE RAMP CLOSURE ADVANCE INFORMATION SIGNS SHALL BE ERECTED IF THE CLOSURE TIME EXCEEDS TWENTY-FOUR (24) HOURS. ADDITIONAL ADVANCE WARNING SIGNS ON EXIT GUIDE SIGNING WILL BE REQUIRED FOR EXIT RAMP CLOSURES THAT EXCEED TWENTY-FOUR (24) HOURS IN LENGTH.
- ⑧ ROAD CONSTRUCTION AHEAD SIGNS MAY BE OMITTED WHEN THIS DETAIL IS USED IN CONJUNCTION WITH OTHER TRAFFIC CONTROL THAT ALREADY INCLUDES A ROAD CONSTRUCTION AHEAD SIGN.
- ⑨ ARTERIAL ROAD CONSTRUCTION AHEAD SIGNS MAY BE OMITTED ON CLOSURES LESS THAN 24 HOURS IN DURATION.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = edouardj	DESIGNED - DWS	REVISED - DWS/JAF 12-02
et:\pw\work\p1dot\edouardj\0317958\0100913-sht-plen.dgn		DRAWN -	REVISED - JAF 02-06
	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED - SPB 01-07
	PLOT DATE = 12/21/2012	DATE - 02-83	REVISED - SPB 12-09

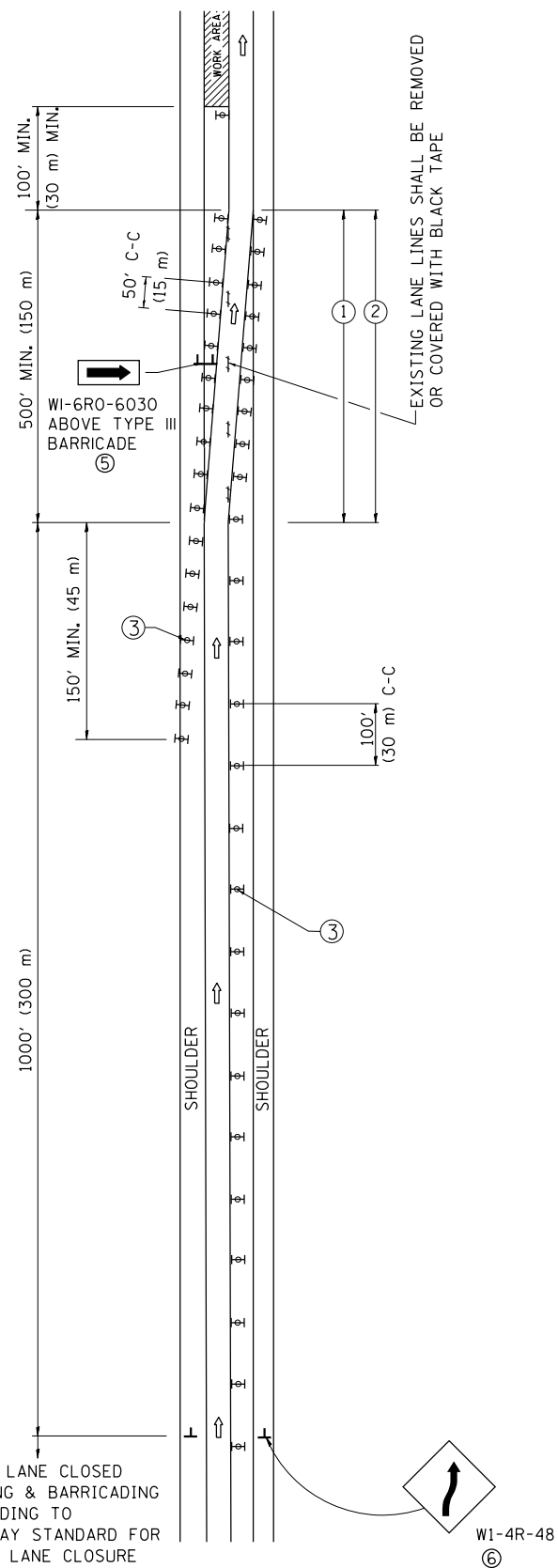
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FREEWAY ENTRANCE AND EXIT RAMP
CLOSURE DETAILS**

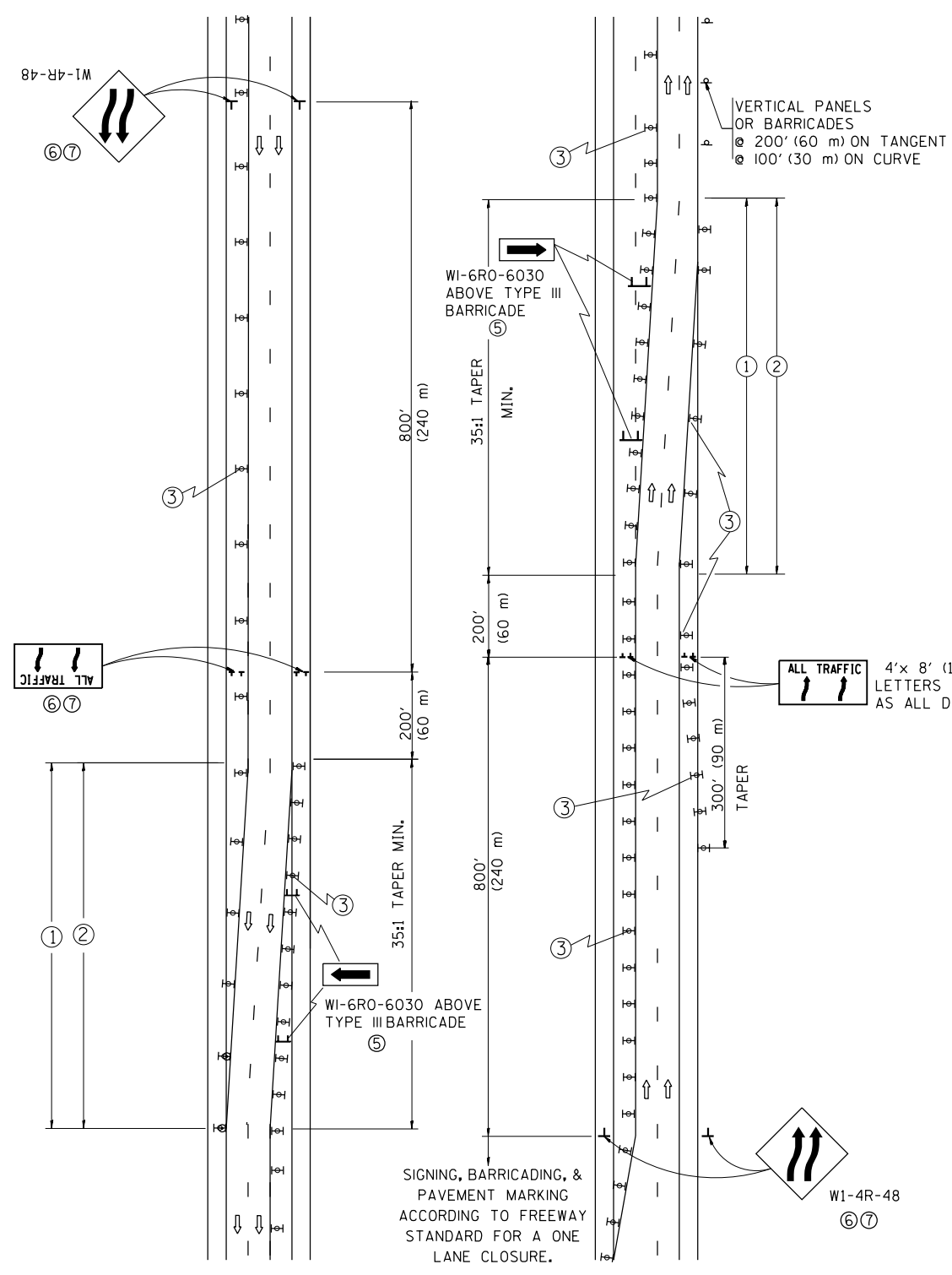
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	2012-0661	COOK	27	21
TC-08		CONTRACT NO. 60V79		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SINGLE LANE WEAVE



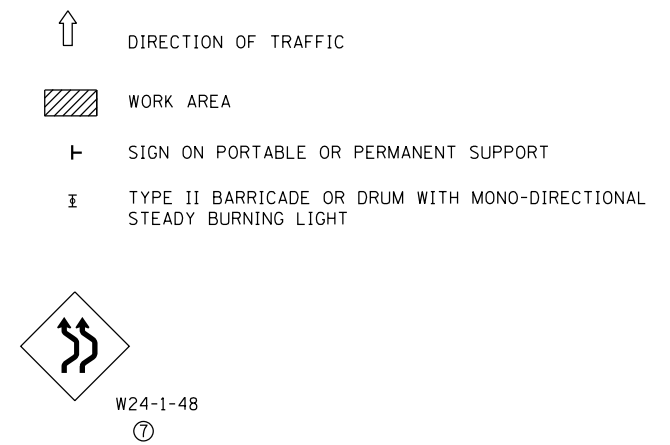
MULTI-LANE WEAVE



GENERAL NOTES

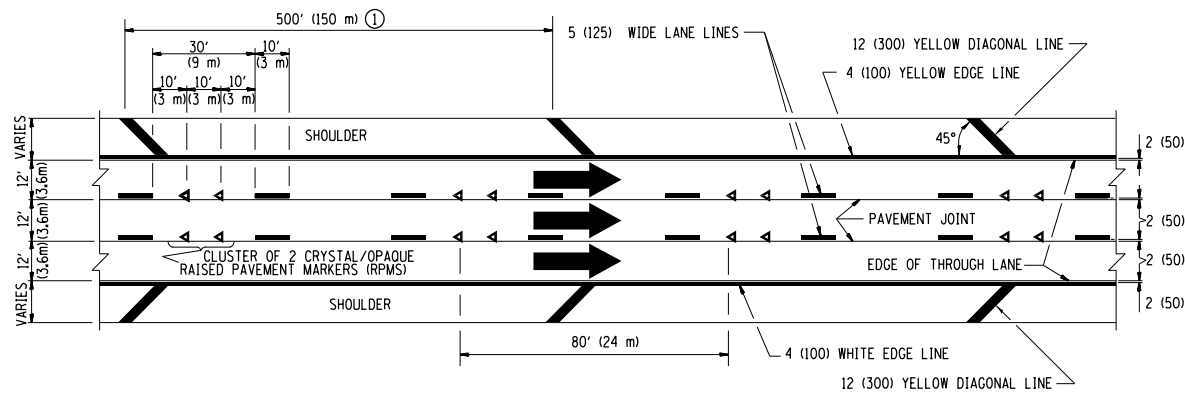
- EXISTING CONFLICTING PAVEMENT MARKING LINES SHALL BE REMOVED. PAVEMENT MARKING REMOVAL SHALL NOT BE REQUIRED FOR SINGLE LANE WEAVES UNDER 24 HOURS IN DURATION.
- CONTINUOUS REFLECTIVE TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE TAPER AND FOR 300' (90 m) ALONG SIDE THE WORK AREA WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS. THE LEFT EDGE LINE SHALL BE YELLOW AND THE RIGHT EDGE LINE SHALL BE WHITE. FOR MULTI-LANE WEAVES LANE LINES SHALL BE 5 INCH, 10'-30' (3 m-9 m) SKIP DASH, WHITE.
- PLASTIC DRUMS WITH STEADY BURN LIGHTS AT 50' (15 m) C-C SPACING IN TAPERS AND 100' (30 m) C-C SPACING IN TANGENTS.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 IS NOT AVAILABLE, THE SIGNS MAY BE MOUNTED ON NCHRP 350 TEMPORARY SIGN SUPPORTS. TYPE III BARRICADES MAY BE OMITTED FOR SINGLE-LANE WEAVES UNDER 24-HOURS IN DURATION. W1-6 SIGNS WILL STILL BE REQUIRED. IF THE WIDTH OF OFFSET IS LESS THAN 6' THEN THE TYPE III BARRICADE WITH ATTACHED ARROW SIGN PANEL CAN BE ELIMINATED IN THE TAPER AREAS.
- WHEN THE LENGTH OF THE SHIFTED SEGMENT (DISTANCE BETWEEN WEAVE POINTS) IS LESS THAN 1500', DOUBLE REVERSE CURVE SIGNS (W24-1) SHOULD BE USED INSTEAD OF THE REVERSE CURVE (W1-4) SIGNS. ARROWS ON THE 4'X8' "ALL TRAFFIC" SIGNS SHALL BE THE SAME SHAPE.
- THE NUMBER OF ARROWS ON THESE SIGNS SHALL MATCH THE NUMBER OF LANES OPEN TO TRAFFIC.

SYMBOLS



ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

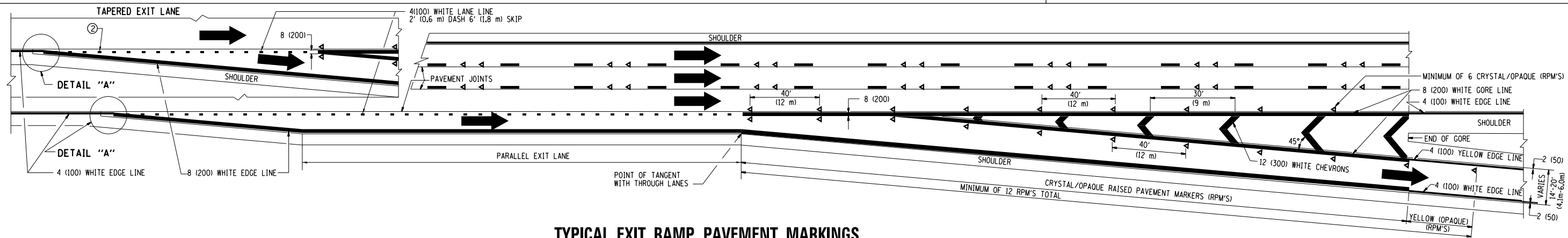
FILE NAME =	USER NAME = edouardj	DESIGNED - DWS	REVISED - JAF 01-03	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE & MULTI-LANE WEAVE			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p1dot\edouardj\0317958\0108913-sht-pln.dgn	DRAWN -	REVISED - JAF 02-06	57					2012-0661	COOK	27	22	
PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED - SPB 01-07	TC-09		CONTRACT NO. 60V79							
PLOT DATE = 12/21/2012	DATE - 02-87	REVISED - SPB 12-09	SCALE: NONE		SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



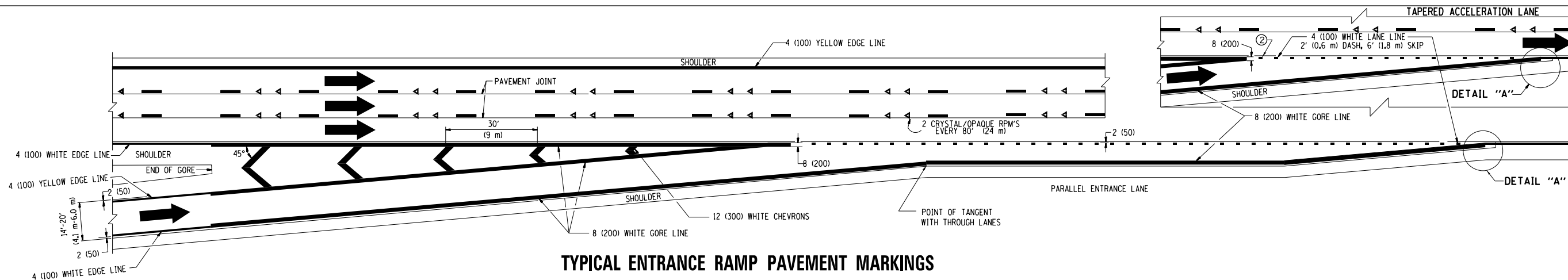
TYPICAL EDGE LINES & LANE LINES

PAVEMENT MARKING MATERIALS

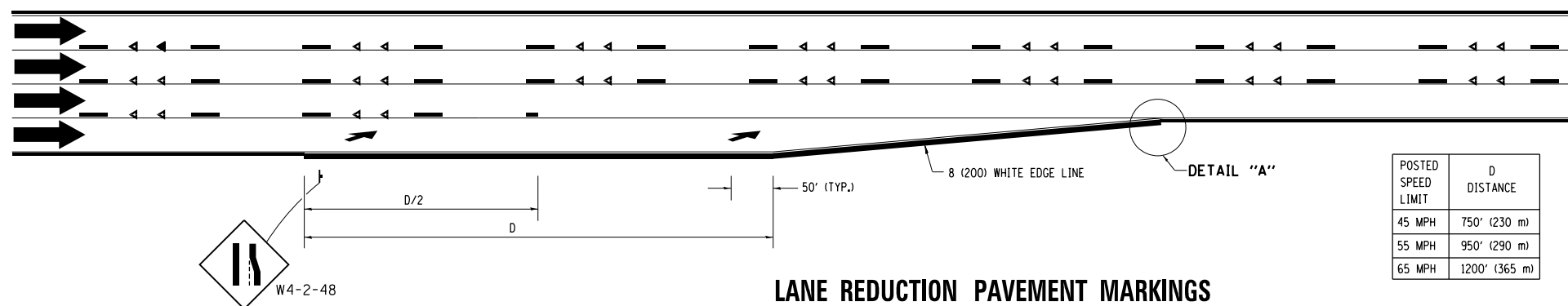
1. THERMO PLASTIC PAVEMENT MARKING LINE SHALL BE USED FOR THE EDGE LINES, GORE LINES, AND DIAGONAL LINES ON BITUMINOUS PAVEMENT ONLY.
2. PREFORMED PLASTIC TYPE B PAVEMENT MARKING LINE SHALL BE USED FOR ALL LANE LINES ON BITUMINOUS PAVEMENT.
3. POLYUREA PAVEMENT MARKING SHALL BE USED FOR ALL MARKINGS ON PCC.



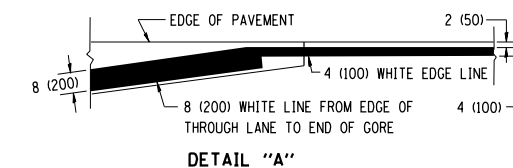
TYPICAL EXIT RAMP PAVEMENT MARKINGS



TYPICAL ENTRANCE RAMP PAVEMENT MARKINGS



LANE REDUCTION PAVEMENT MARKINGS



NOTES:

- ① THE DIAGONAL LINES SHALL BE SPACED AT 40' (12 m) C-C ACROSS ALL STRUCTURES WHICH ARE 500' (150 m) OR LESS IN LENGTH. THE DIAGONAL LINES ARE NOT REQUIRED ON SHOULDERS WHICH ARE 6' (1.8 m) OR LESS IN WIDTH.
- ② 4" (2' DASH, 6' SKIP) MARKING ON TAPERED ENTRANCE AND EXIT RAMP SHALL BE OMITTED ON TANGENT SECTIONS.

POSTED SPEED LIMIT	D DISTANCE
45 MPH	750' (230 m)
55 MPH	950' (290 m)
65 MPH	1200' (365 m)

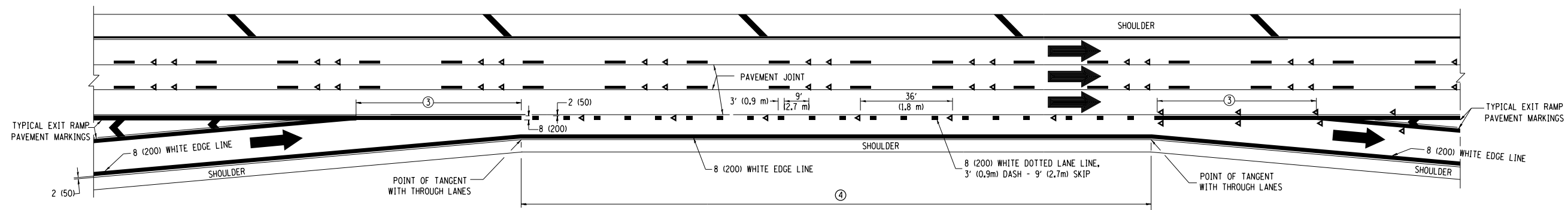
FILE NAME =	USER NAME = edouardj	DESIGNED - D.W.S.	REVISED - D.W.S. 07-96
et:\pwork\pwork\edouardj\0317958\0108913-sht-plen.dgn		DRAWN -	REVISED - J.A.F. 02-06
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - S.P.B. 01-07
	PLOT DATE = 12/21/2012	DATE - 01-90	REVISED - S.P.B. 01-10

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

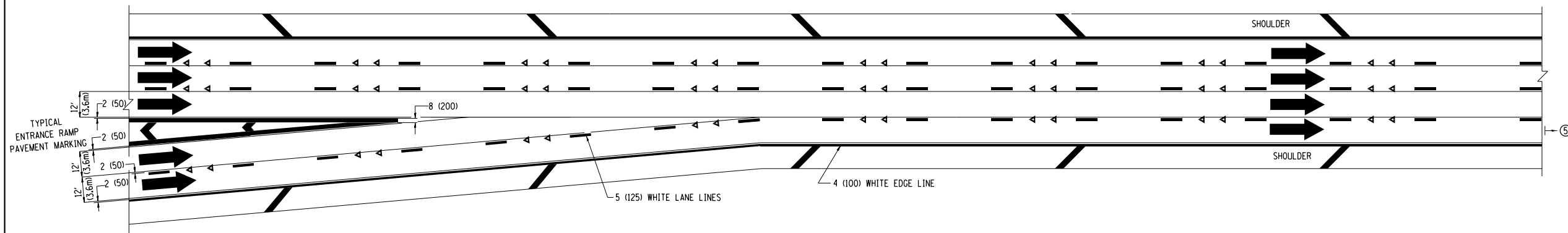
MULTI-LANE FREEWAY
 PAVEMENT MARKING DETAILS

SCALE: NONE SHEET NO. 1 OF 2 SHEETS STA. TO STA.

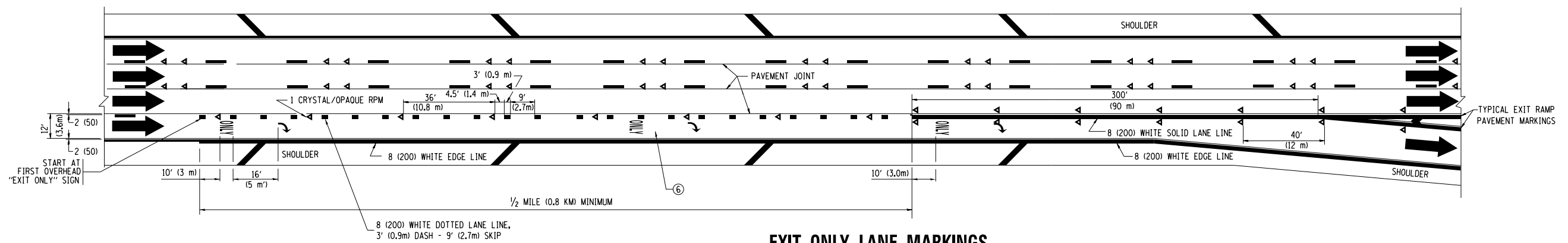
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	2012-0661	COOK	27	23
TC-12		CONTRACT NO. 60V79		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



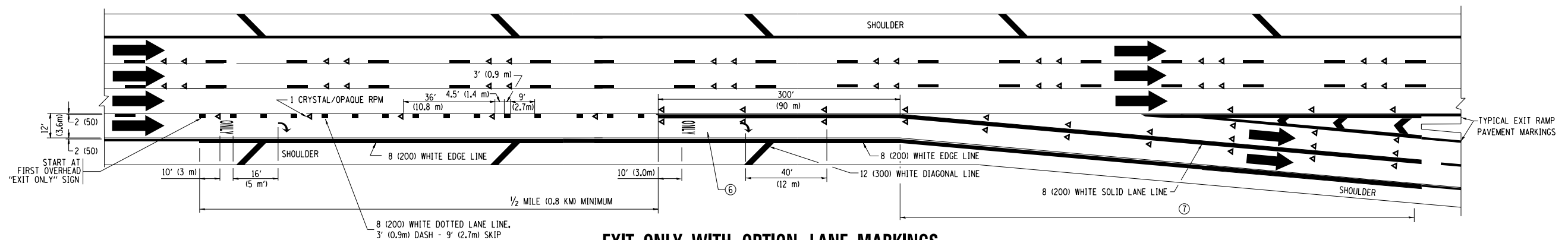
AUXILIARY LANE MARKINGS



TWO LANE ENTRANCE RAMP WITH MERGE MARKINGS



EXIT ONLY LANE MARKINGS



EXIT ONLY WITH OPTION LANE MARKINGS

- NOTES**
- ③ OMIT WHEN LENGTH OF AUXILIARY LANE IS LESS THAN 500' (150 m).
 - ④ 8-INCH WIDE DOTTED LANE LINE MARKINGS SHALL BE USED WHEN THE LENGTH OF THE AUXILIARY LANE IS 2 MILES OR LESS.
 - ⑤ FOR TWO-LANE ENTRANCE RAMP, IF RIGHT LANE ENDS, USE TYPICAL ENTRANCE RAMP PAVEMENT MARKINGS.
 - ⑥ ONLY AND ARROWS EQUALLY SPACED, 500' (150 m) MAXIMUM SPACING. FULL SIZE LETTERS AND ARROW SHALL BE USED.
 - ⑦ CONTINUE 8" SOLID LANE LINE THROUGH EXIT TO END OF PAVED GORE.

FILE NAME =	USER NAME = edouardj	DESIGNED - D.W.S.	REVISED - D.W.S. 07-96
ei:\pw\work\p1d0t\edouardj\0317958\0108913-sht-pln.dgn		DRAWN -	REVISED - J.A.F. 02-06
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - S.P.B. 01-07
	PLOT DATE = 12/21/2012	DATE - 01-90	REVISED - S.P.B. 01-10

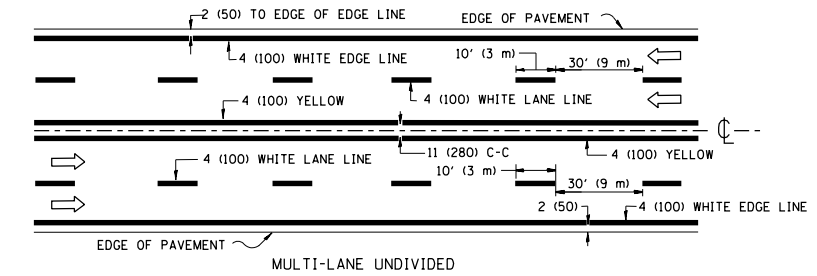
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS			
SCALE: NONE	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.

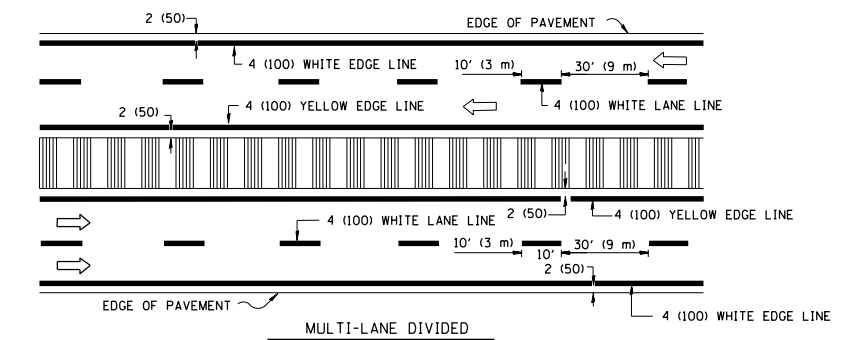
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	2012-0661	COOK	27	24
TC-12		CONTRACT NO. 60V79		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY



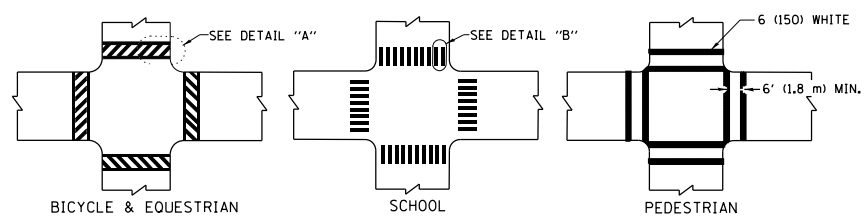
MULTI-LANE UNDIVIDED



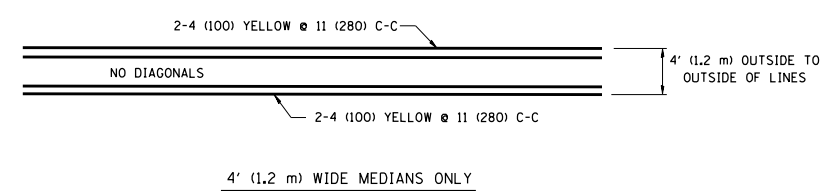
MULTI-LANE DIVIDED WITH MOUNTABLE MEDIAN

NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

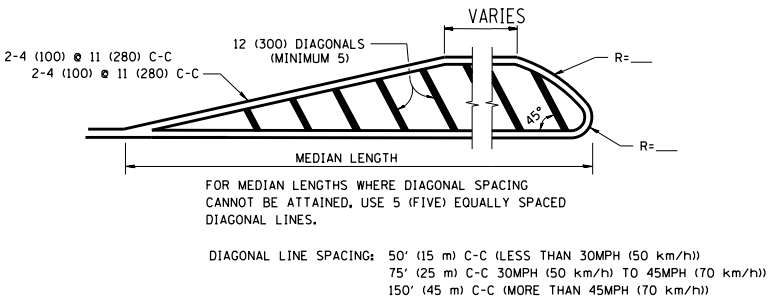
TYPICAL LANE AND EDGE LINE MARKING



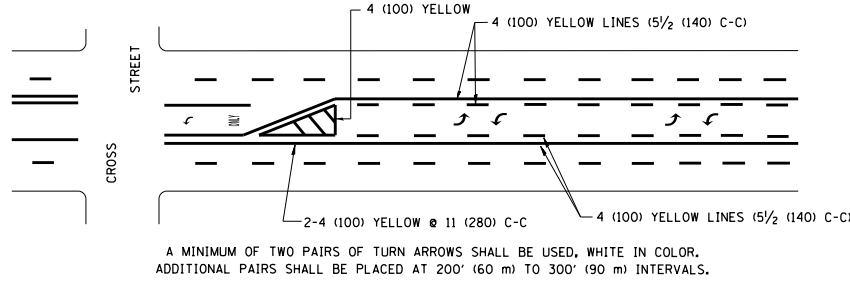
TYPICAL CROSSWALK MARKING



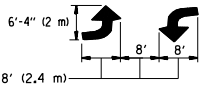
4' (1.2 m) WIDE MEDIANS ONLY



MEDIANS OVER 4' (1.2 m) WIDE

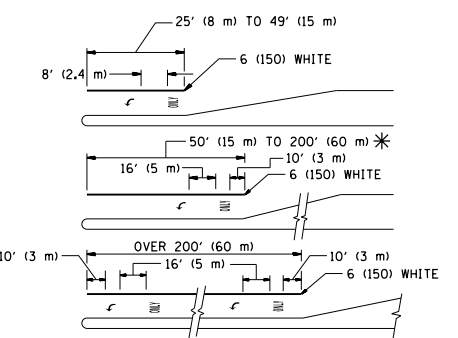


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

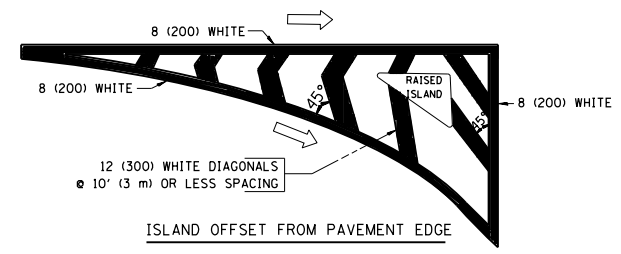


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED. AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

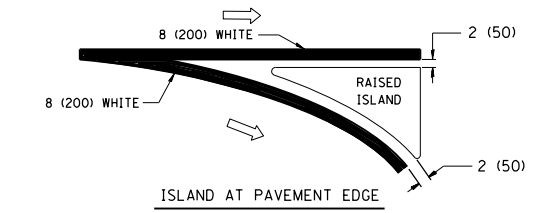
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION	4 (100)	SOLID	YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE
NO PASSING ZONE LINES: FOR BOTH DIRECTIONS	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE. SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE. SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C (30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" 15 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R": 3.6 SQ. FT. (0.33 m ²) EACH "X": 54.0 SQ. FT. (5.0 m ²) EACH
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

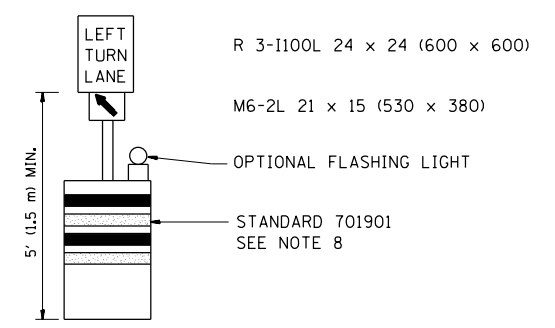
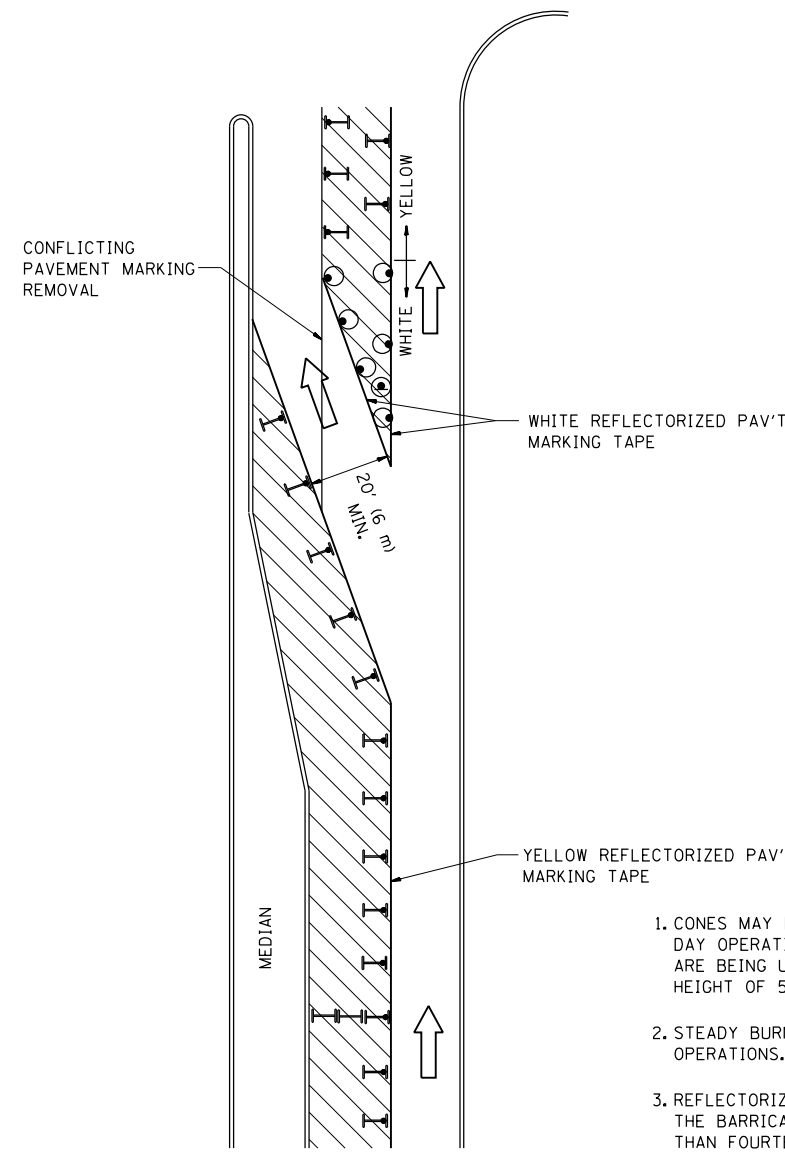
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = edouardj	DESIGNED - EVERS	REVISED -T. RAMMACHER 10-27-94
et:\pw_work\p1dot\edouardj\0317958\0100913-sht-plen.dgn		DRAWN -	REVISED -C. JUCIUS 09-09-09
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/21/2012	DATE - 03-19-90	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE			
TYPICAL PAVEMENT MARKINGS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	2012-0661	COOK	27	25
TC-13		CONTRACT NO. 60V79		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				









GENERAL NOTES

1. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT. WHEN CONES ARE BEING USED, THE "LEFT TURN LANE" SIGN MAY BE SKID MOUNTED AT A MINIMUM HEIGHT OF 5' (1.5 m).
2. STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
3. REFLECTORIZED TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH TURN BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.
4. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-100 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
5. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
6. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
7. FORM OPER 725 IS REQUIRED.
8. IF A DRUM OR TYPE II BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 PREQUIREMENTS.
9. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in inches (millimeters) unless otherwise shown.

LEGEND

-  WORK AREA
-  LANE OPEN TO TRAFFIC
-  TYPE I OR II BARRICADE WITH STEADY BURN LIGHT
-  DRUM WITH STEADY BURN LIGHT
-  DRUM WITH SIGN (WITH OPTIONAL FLASHING LIGHT) SEE DETAIL
-  TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

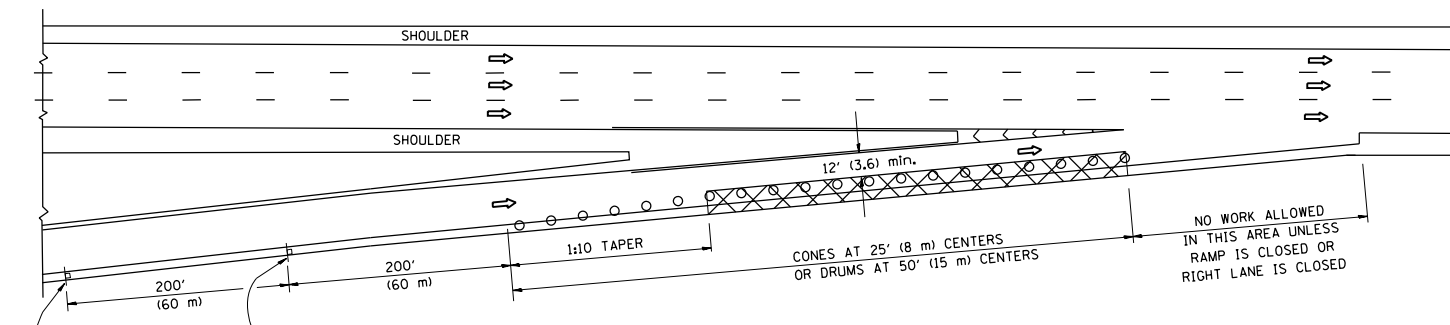
FILE NAME =	USER NAME = edouardj	REVISED -T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09
et:\pw\work\p1dot\edouardj\0317958\01000913-sht.pln.dgn		REVISED - A. HOUSEH 11-07-95	REVISED -
	PLOT SCALE = 100.0000' / in.	REVISED - A. HOUSEH 10-12-96	REVISED -
	PLOT DATE = 12/21/2012	REVISED -T. RAMMACHER 01-06-00	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

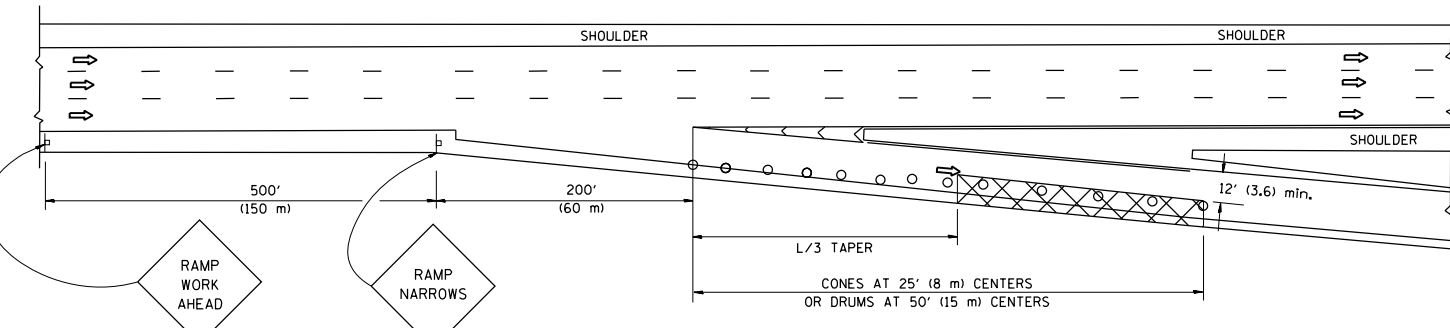
TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	2012-0661	COOK	27	26
TC-14			CONTRACT NO. 60V79	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

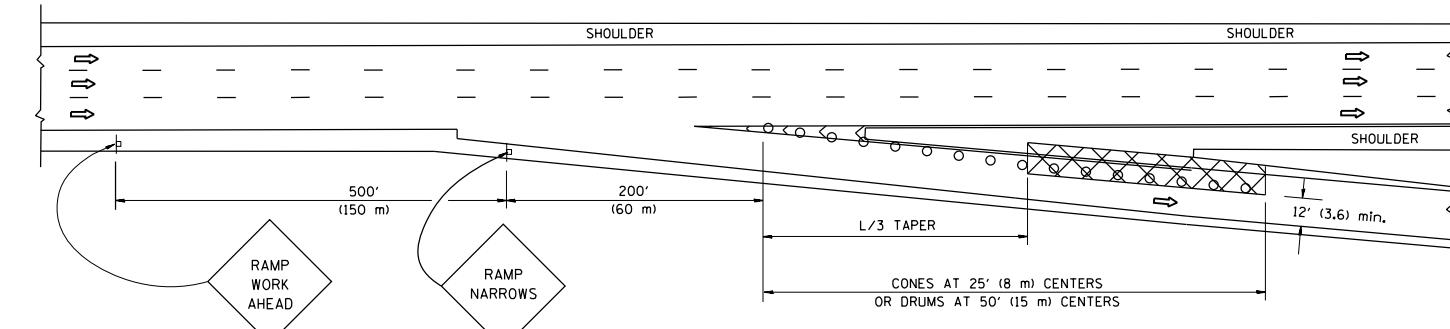
PARTIAL RAMP CLOSURE DETAILS



TYPICAL ENTRANCE RAMP



TYPICAL EXIT RAMP



TYPICAL EXIT RAMP

SYMBOLS

- ACTIVE WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- CONE, DRUM OR BARRICADE

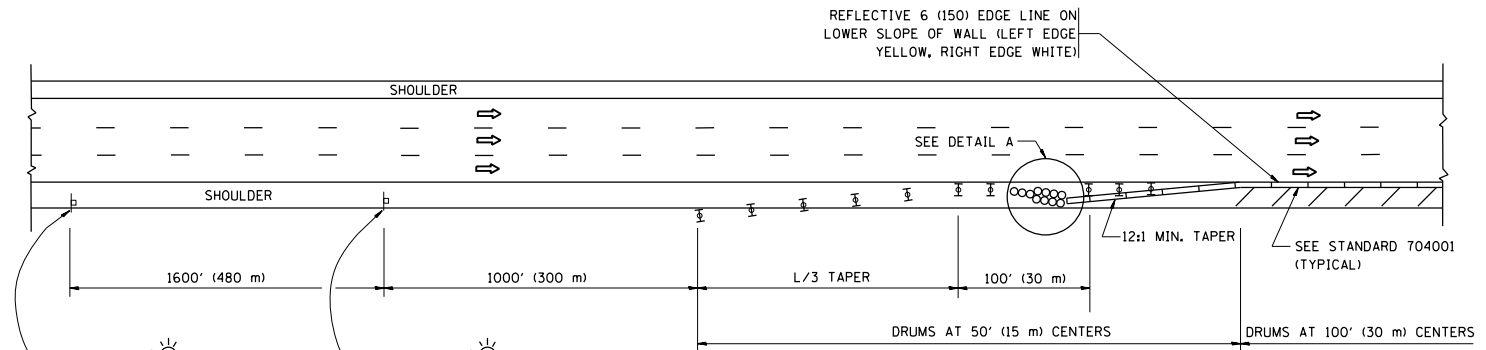
GENERAL NOTES

1. THE "L" DISTANCE EQUALS:

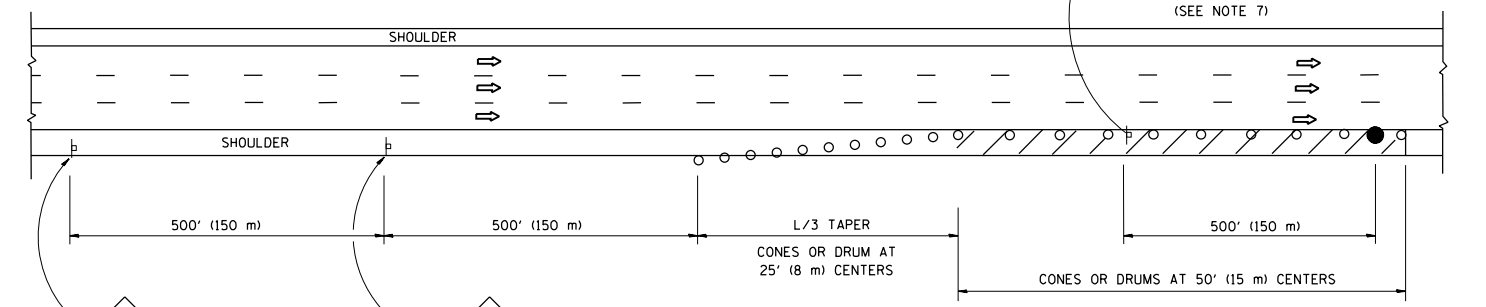
SPEED LIMIT	FORMULAS
45 mph (80 km/h) OR GREATER:	METRIC ENGLISH
	$L=0.65(W)(S)$ $L=(W)(S)$

W = WIDTH OF OFFSET IN FEET (METERS)
S = NORMAL POSTED SPEED MPH (KM/H)
2. PLASTIC DRUMS WITH HIGH PERFORMANCE REFLECTIVE SHEETING AND STEADY BURNING LIGHTS ARE REQUIRED FOR ALL NIGHTTIME CLOSURES.
3. ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
4. FLASHING LIGHTS SHALL BE USED DURING THE HOURS OF DARKNESS AND SHALL BE INSTALLED ABOVE THE FIRST TWO SETS OF SIGNS.

SHOULDER CLOSURE DETAILS

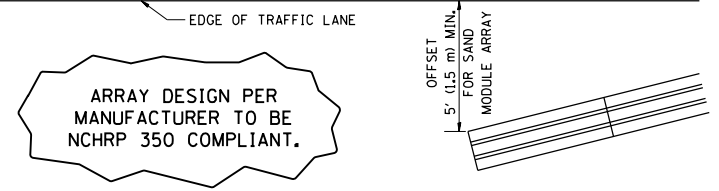


PERMANENT SHOULDER CLOSURE



DAYTIME SHOULDER CLOSURE

THIS DETAIL IS USED WHERE:
1. VEHICLES, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCRANCH IN AN AREA CLOSER THAN 15' (4.5 m) TO THE EDGE OF PAVEMENT FOR A PERIOD IN EXCESS OF 15 MINUTES.



DETAIL "A"
IMPACT ATTENUATOR, TEMPORARY
(SEE NOTE 5)

5. THE IMPACT ATTENUATOR, TEMPORARY IS NOT REQUIRED WHEN THE TEMPORARY CONCRETE BARRIER WALL IS PROTECTED BY OR IS TIED INTO THE EXISTING GUARDRAIL. IF OFFSET IS LESS THAN 5 FEET USE NARROW USE TYPE DEVICE TO MEET NCHRP350.
6. AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL FREEWAY CLOSURES.
7. THE FLAGGER AND FLAGGER SIGN ARE REQUIRED AT THE ABOVE WORK SITES WHEN:
 - a. FOUR OR MORE WORK VEHICLES ENTER THE TRAFFIC LANES IN A ONE HOUR PERIOD.
 - b. THE WORK AVTIVITY REQUIRES FREQUENT ENCRANCHMENT INTO THE LANE OPEN TO TRAFFIC.

THE FLAGGER SHALL BE STATIONED APPROXIMATELY 100' (30 m) TO 200' (60 m) IN ADVANCE OF THE WORKERS.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = edouardj	DESIGNED -	REVISED - 04-03	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p1dot\edouardj\0317958\0108913-sht-plen.dgn		DRAWN - D.W.S.	REVISED - J.A.F. 12-06		57	2012-0661	COOK	27	27			
PLOT SCALE = 100.0000' / 1"		CHECKED -	REVISED - S.P.B. 01-07		TC-17			CONTRACT NO. 60V79				
PLOT DATE = 12/21/2012		DATE - 11-96	REVISED - S.P.B. 12-09		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				