

04-26-13 LETTING ITEM 141

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

F.A.I. ROUTE 39 (I-39)  
SECTION D5 PATCHING 2013-4

PATCHING  
McLEAN COUNTY

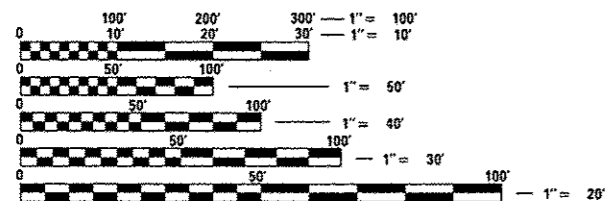
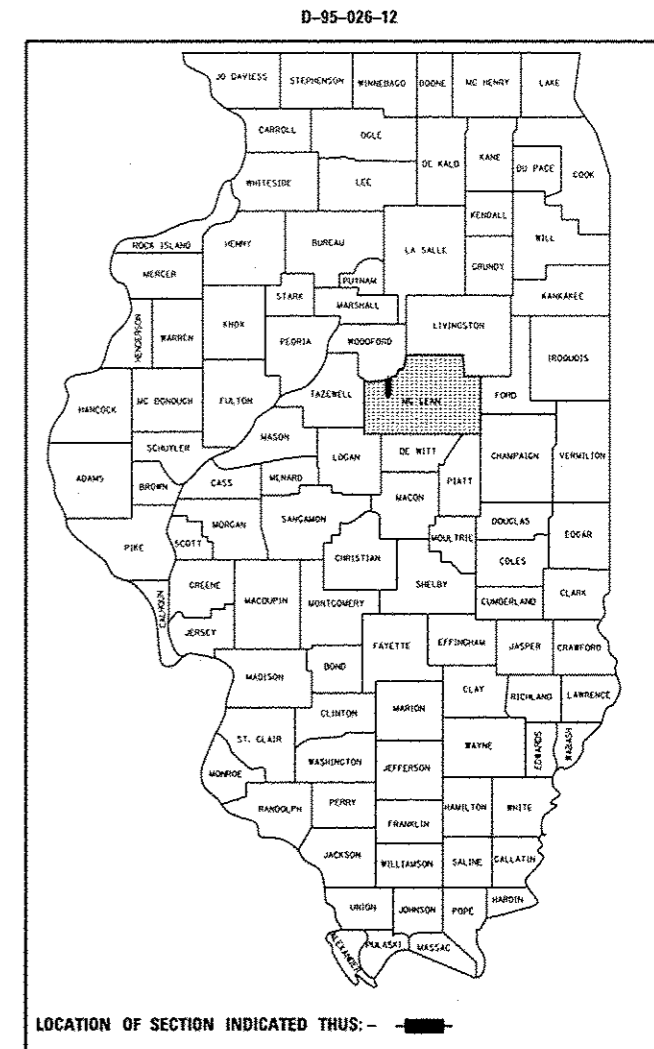
C-95-026-12

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	D5 PATCHING 2013-4	MCLEAN	19	1
		ILLINOIS	CONTRACT NO. 70980	

FOR INDEX OF SHEETS, SEE SHEET NO. 2  
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 4

CURRENT ADT = 19,900 (2011)

DESIGN DESIGNATION  
INTERSTATE  
N/A



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 NORMAL & HUDSON TOWNSHIP

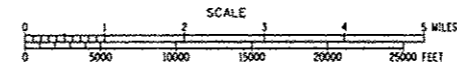
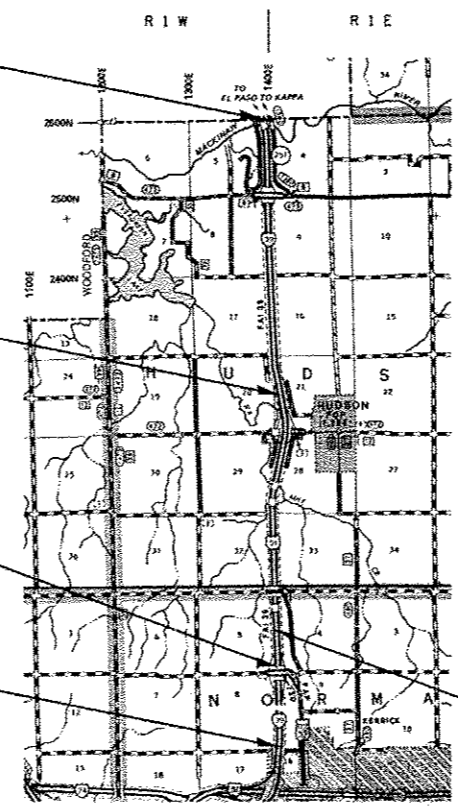
PROJECT ENGINEER JASON STULTS, P.E.  
PROJECT MANAGER ALEX KEDAS, P.E.  
PHONE: (217)465-4181  
CONTRACT NO. 70980

PROJECT ENDS  
STATION 557+88

STATION EQUATION  
STA 377+24.54 (BK) =  
STA 377+00.00 (AH)

STATION EQUATION  
STA 156+36.57 (BK) =  
STA 156+23.97 (AH)

PROJECT BEGINS  
STATION 125+77



STATION 198+61.67 RURAL  
URBAN

PATCHING FROM NORTH OF I-55 TO WOODFORD COUNTY LINE

GROSS LENGTH = 43,210.27 FT. = 8.184 MILE  
NET LENGTH = 43,210.27 FT. = 8.184 MILE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED *Jan 24 2013*  
*Joseph E. Gowen*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

*March 22 2013*  
*John D. Baramacci, P.E.*  
ENGINEER OF DESIGN AND ENVIRONMENT

*March 22 2013*  
*Omer Osman, P.E.*  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

## INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS
2	LIST OF STANDARDS
3	GENERAL NOTES
4	SUMMARY OF QUANTITIES
5	LOCATION MAP
6-10	EXISTING TYPICAL SECTIONS
11-17	SCHEDULE OF QUANTITIES
18	DETAILS OF I-39 / I-55 INTERCHANGE STATIONING
19	DETAILS OF EXISTING JOINTED P. C. C. PAVEMENT (HINGE JOINT) AND ADJACENT P. C. C. SHOULDER

## INDEX OF STANDARDS

STANDARD NUMBER	NAME OF STANDARD
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND A FOOT
420001-07	PAVEMENT JOINTS
420101-04	24' ( 7.2m) JOINTED PCC PAVEMENT
420106-04	36' ( 10.8M) JOINTED PCC PAVEMENT
421001-02	BAR REINFORCEMENT FOR CRC PAVEMENT
421101-08	24' CRC PAVEMENT ( WITH WIDE FLANGE BEAM TERMINAL JOINT)
442001-04	CLASS A PATCHES
442101-07	CLASS B PATCHES
701101-03	OFF-ROAD OPERATIONS, MULTI-LANE, 15' TO 24" FROM THE EDGE OF PAVEMENT
701400-06	APPROACH TO LANE CLOSURE, FREEWAY / EXPRESSWAY
701401-07	LANE CLOSURE, FREEWAY / EXPRESSWAY
701411-08	LANE CLOSURE MULTI-LANE, ENTRANCE OR EXIT RAMP, >= 45 MPH
701426-05	LANE CLOSURES, MULTI-LANE, INTERMITTENT OR MOVING OPERATIONS
701901-02	TRAFFIC CONTROL DEVICES

FILE NAME : c:\pwwork\pwwork\kedar\10329897\10570	USER NAME : kedar PRB-shr-plans.dgn	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS INDEX OF HIGHWAY STANDARDS	F.A.I. RTE. 39	SECTION 05 PATCHING 2013-4	COUNTY McLEAN	TOTAL SHEETS 19	SHEET NO. 2
*MODELNAME*	PLOT SCALE : 40.0000 / 1" = 40'	CHECKED - DATE -	REVISED - REVISED -	SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT CONTRACT NO. 70980				

## 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. -667

THE RESIDENT ENGINEER SHALL CONTACT THE PROGRAM DEVELOPMENT CHIEF OF SURVEYS PRIOR TO THE PRE-CONSTRUCTION CONFERENCE FOR INSTRUCTION AS TO SETTING OF TEMPORARY OR PERMANENT TIES FOR CENTERLINE ALIGNMENT CONTROL SURVEY MARKERS (PC\*S, PT\*S, AND PI\*S). PROJECT IMPLEMENTATION PERSONNEL WILL BE RESPONSIBLE FOR

G. N. -1004.01

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

NO COMMITMENTS

FILE NAME :	USER NAME : kedor	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES</b>	F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\p\work\p\p\dot\kedor\0329897\0579	380-ahs-plans.dgn	DRAWN -	REVISED -			39	D5 PATCHING 2013-4	McLEAN	19	3
MODELNAME :	PLOT SCALE : 49.8500 * / 1/2	CHECKED -	REVISED -							
	PLOT DATE : 1/24/2013	DATE -	REVISED -							
						SCALE:		SHEET 1 OF 1 SHEETS		STA. TO STA.
						ILLINOIS FED. AID PROJECT				
						CONTRACT NO. 70980				

## SUMMARY OF QUANTITIES

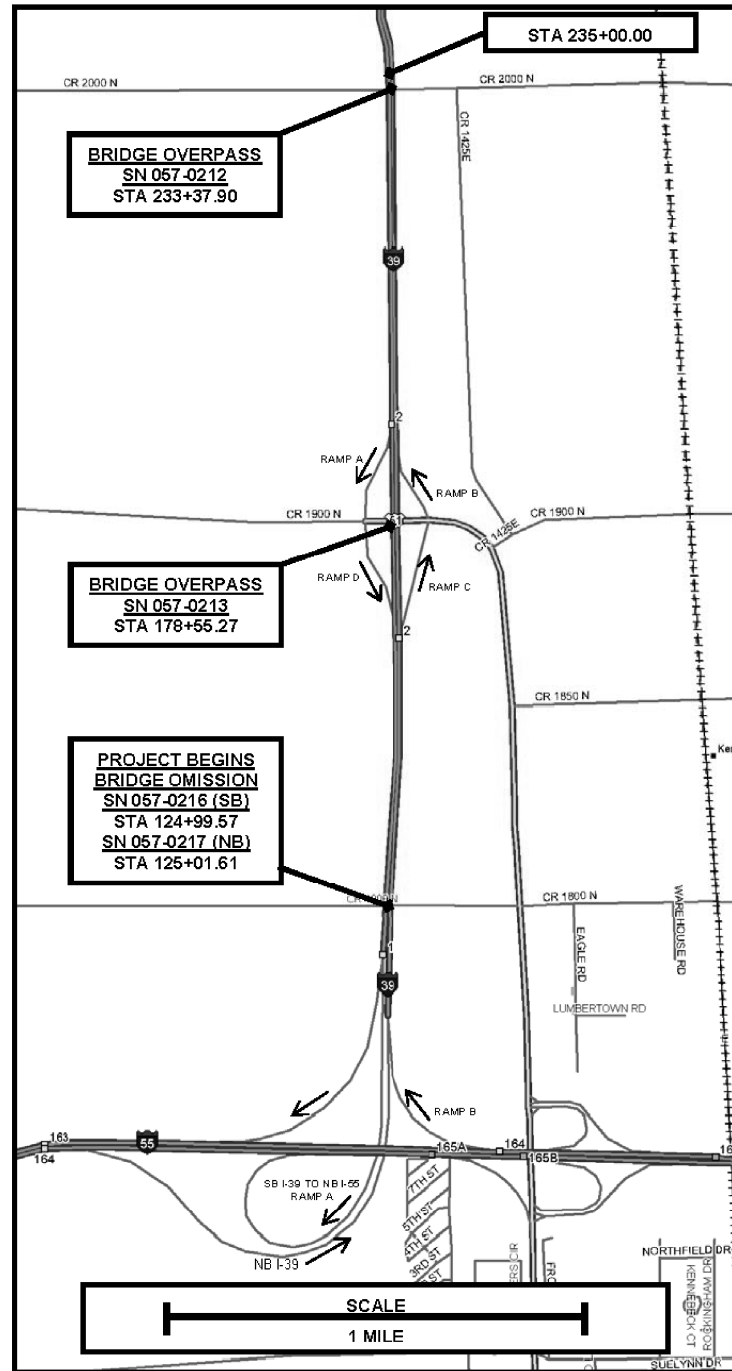
FAI-39 McLEAN COUNTY 100% STATE ROADWAY 0005 URBAN 125+77 TO 198+62	FAI-39 McLEAN COUNTY 100% STATE ROADWAY 0005 RURAL 198+62 TO 557+89
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN	RURAL
42001200	PAVEMENT FABRIC	SO YD	59.0		59.0
44200549	CLASS A PATCHES, TYPE I, 10 INCH	SO YD	280.0		280.0
44200553	CLASS A PATCHES, TYPE II, 10 INCH	SO YD	727.0		727.0
44200557	CLASS A PATCHES, TYPE III, 10 INCH	SO YD	190.0		190.0
44200559	CLASS A PATCHES, TYPE IV, 10 INCH	SO YD	234.0		234.0
44200982	CLASS B PATCH, TYPE II, 11 INCH	SO YD	48.0	48.0	
44200986	CLASS B PATCH, TYPE III, 11 INCH	SO YD	32.0		32.0
44200988	CLASS B PATCH, TYPE IV, 11 INCH	SO YD	27.0		27.0
44201298	DOWEL BARS, 1 1/4"	EACH	180.0	120.0	60.0
44213000	PATCHING REINFORCEMENT	SO YD	1,430.0		1,430.0
44213200	SAW CUTS	FOOT	10,779.0	324.0	10,455.0
44213204	TIE BARS 3/4"	EACH	462.0		462.0
67100100	MOBILIZATION	L SUM	1.0		1.0
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	12.0	4.0	8.0
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1.0	0.1	0.9
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	7.0	1.0	6.0
X0323583	SPEED INDICATOR SIGN	CAL DA	14.0	2.0	12.0
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	14.0	7.0	7.0

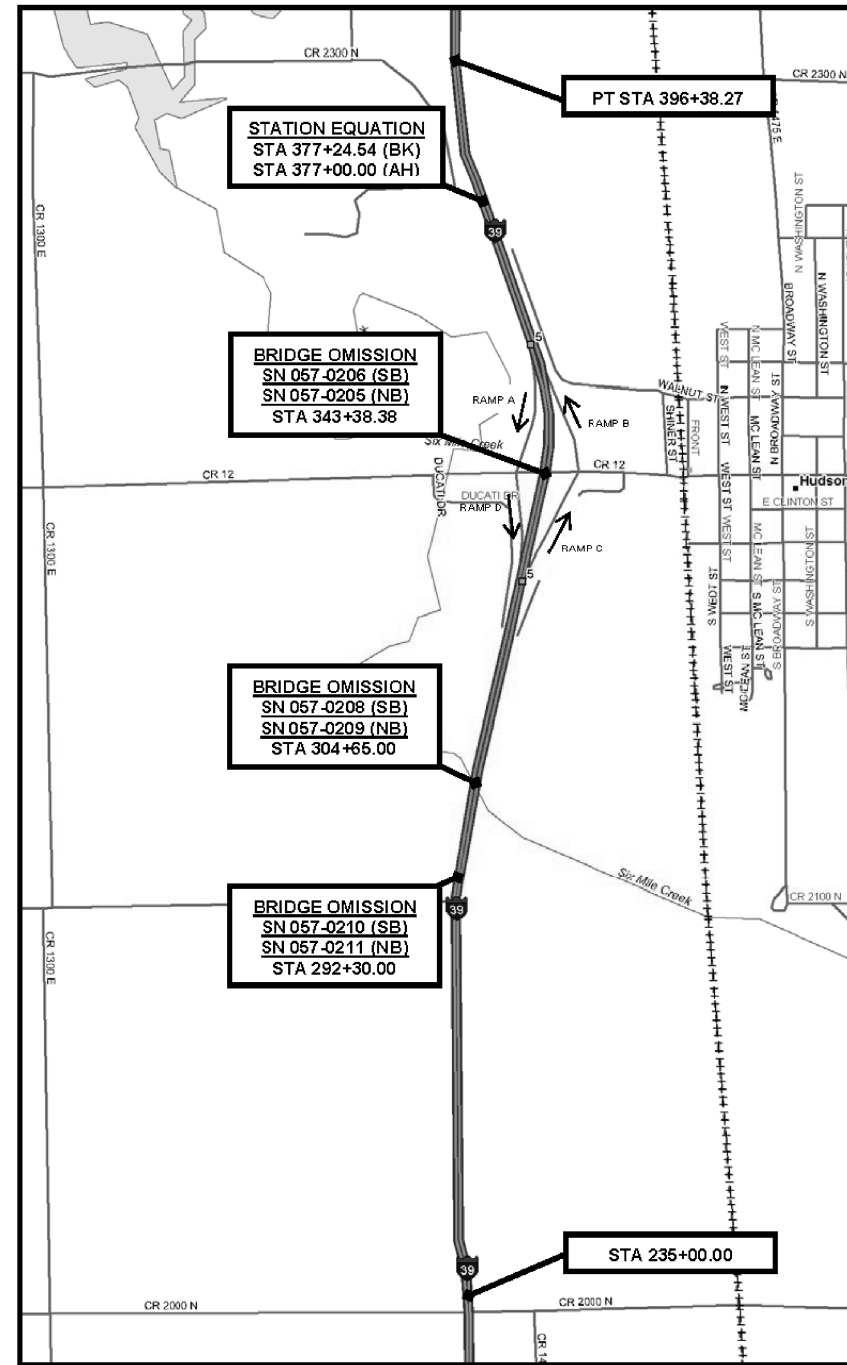
18

# LOCATION MAP

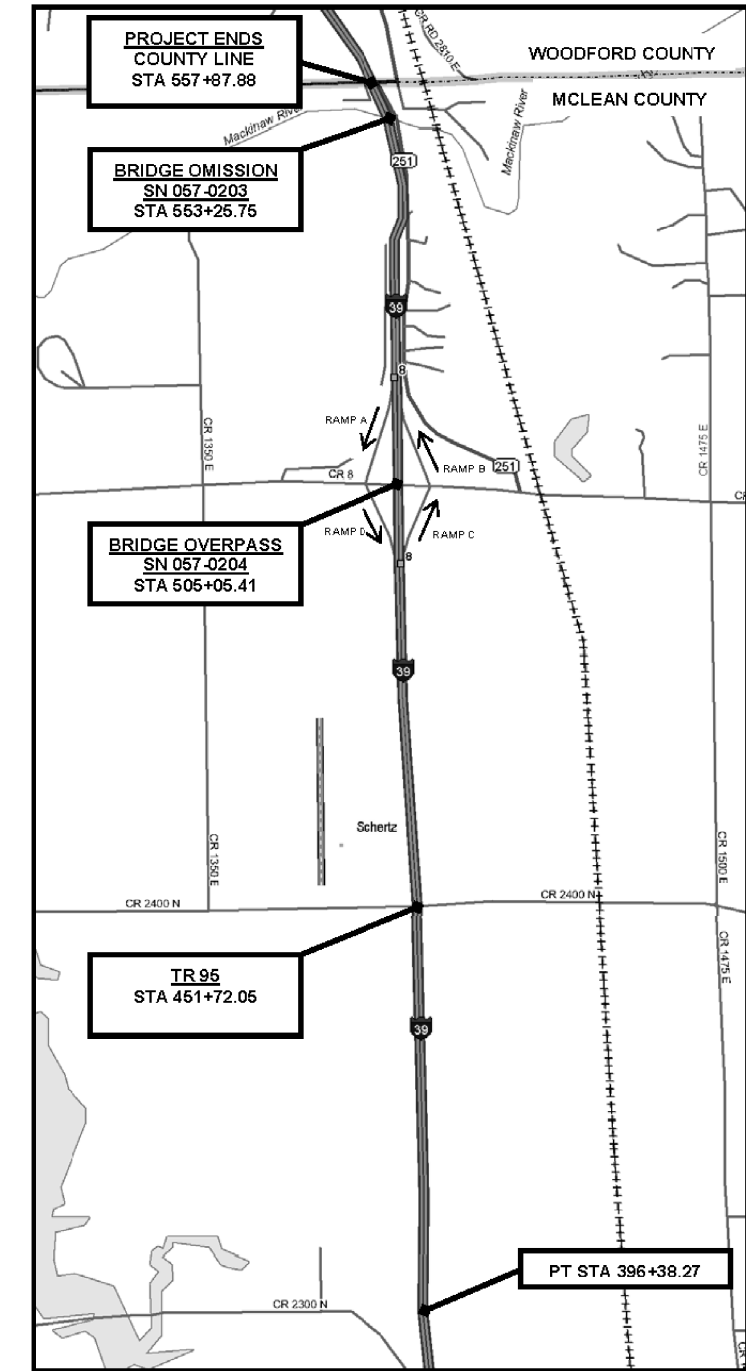
**SOUTH SECTION**  
STA. 125 + 01.61 TO STA. 235 + 00.00



**CENTRAL SECTION**  
STA. 235 + 00.00 TO STA. 377 + 24.54



**NORTH SECTION**  
STA. 377 + 00.00 TO STA. 557 + 87.88



FILE NAME =	USER NAME = kedasar	DESIGNED -	REVISED -
ci:\pw\work\p\idot\kedasar\0329897\0570980-sht-plans.dgn		DRAWN JJB	REVISED -
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -
PLOT DATE = 1/24/2013		DATE -	REVISED -

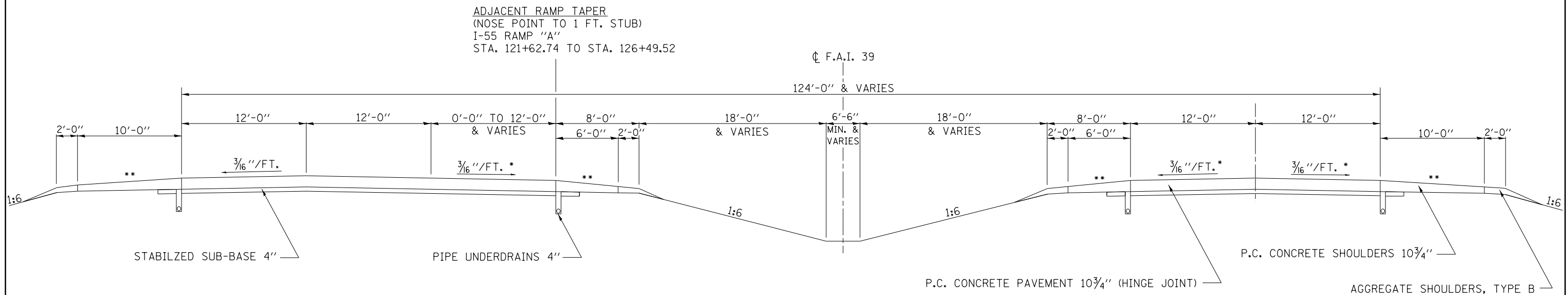
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>LOCATION MAP</b>	
SCALE:	SHEET NO. 1 OF 1 SHEETS
STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	D5 PATCHING 2013-4	MCLEAN	19	5
CONTRACT NO. 70854				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

# EXISTING TYPICAL SECTION F.A.I. 39

STA. 125 + 77.61 TO STA. 144 + 50.00

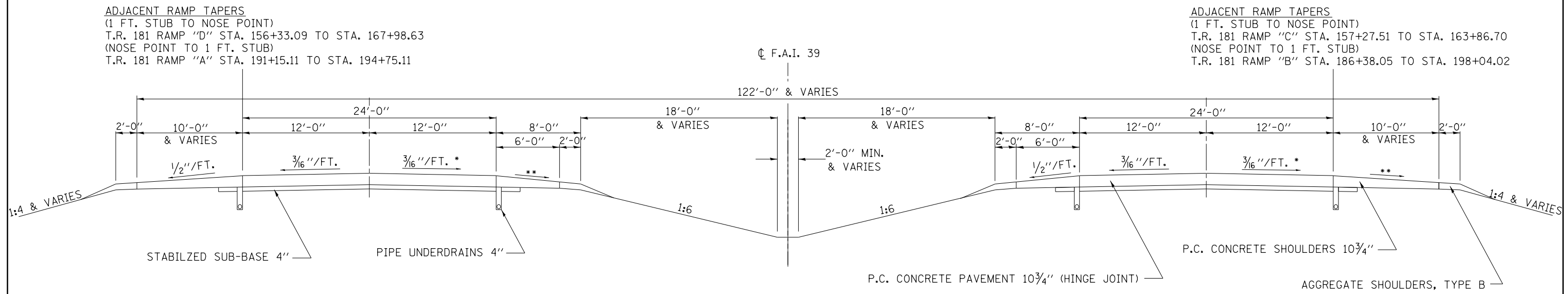


\* SLOPE VARIES FOR SUPERELEVATION IN CURVES  
 \*\* SLOPE VARIES IN SUPERELEVATION WITH MAXIMUM OF 0.08 FT/FT DIFFERENCE

FILE NAME =	USER NAME = kedaser	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EXISTING TYPICAL SECTION</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -		SCALE:	SHEET NO. 1 OF 5 SHEETS	STA.	TO STA.	39	D5 PATCHING 2013-4	McLean	19	6
		CHECKED -	REVISED -		CONTRACT NO. 70854								
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

# EXISTING TYPICAL SECTION F.A.I. 39

STA. 144 + 50.00 TO STA. 235 + 00.00



\* SLOPE VARIES FOR SUPERELEVATION IN CURVES  
 \*\* SLOPE VARIES IN SUPERELEVATION WITH MAXIMUM OF 0.08 FT/FT DIFFERENCE

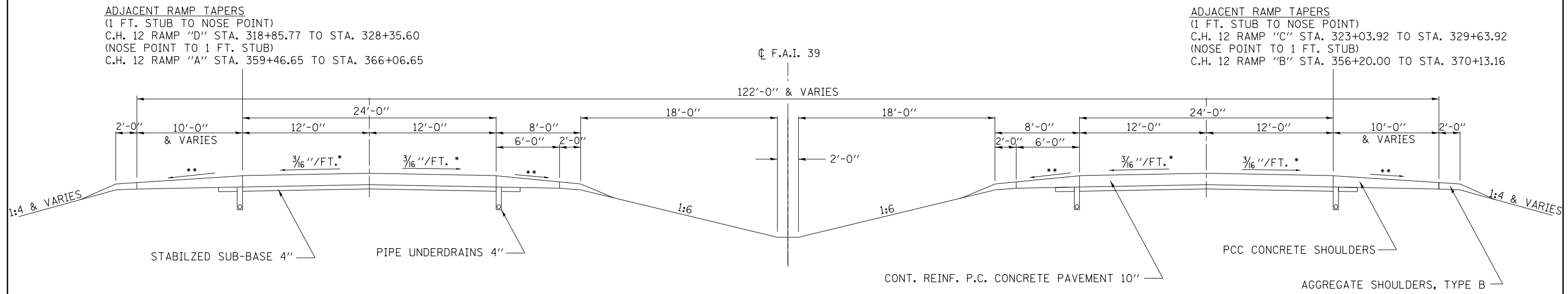
FILE NAME =	USER NAME = kedaser	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EXISTING TYPICAL SECTION</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pwork\pwork\kedarer\d0329897\0570980-sht-plans.dgn	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -					39	D5 PATCHING 2013-4	McLean	19	7
	PLOT DATE = 1/24/2013	CHECKED -	REVISED -		SCALE: SHEET NO. 2 OF 5 SHEETS STA. TO STA.			CONTRACT NO. 70854				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

# EXISTING TYPICAL SECTION F.A.I. 39

STA. 235 + 00.00 TO STA. 377 + 24.54

## STATION EQUATION

STA. 377 + 24.54 (BK.) =  
STA. 377 + 00.00 (AH.)



ADJACENT RAMP TAPERS  
(1 FT. STUB TO NOSE POINT)  
C.H. 12 RAMP "D" STA. 318+85.77 TO STA. 328+35.60  
(NOSE POINT TO 1 FT. STUB)  
C.H. 12 RAMP "A" STA. 359+46.65 TO STA. 366+06.65

ADJACENT RAMP TAPERS  
(1 FT. STUB TO NOSE POINT)  
C.H. 12 RAMP "C" STA. 323+03.92 TO STA. 329+63.92  
(NOSE POINT TO 1 FT. STUB)  
C.H. 12 RAMP "B" STA. 356+20.00 TO STA. 370+13.16

- \* SLOPE VARIES FOR SUPERELEVATION IN CURVES
- \*\* SLOPE VARIES IN SUPERELEVATION WITH MAXIMUM OF 0.08 FT/FT DIFFERENCE

FILE NAME =	USER NAME = kedaser	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EXISTING TYPICAL CROSS SECTIONS</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\p\dot\kedaser\d0329897\0570980-sht-plans.dgn	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -					39	D5 PATCHING 2013-4	McLEAN	19	8
\$MODELNAME\$	PLOT DATE = 1/24/2013	CHECKED -	REVISED -		SCALE: SHEET 3 OF 5 SHEETS STA. TO STA.			CONTRACT NO. 70980				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

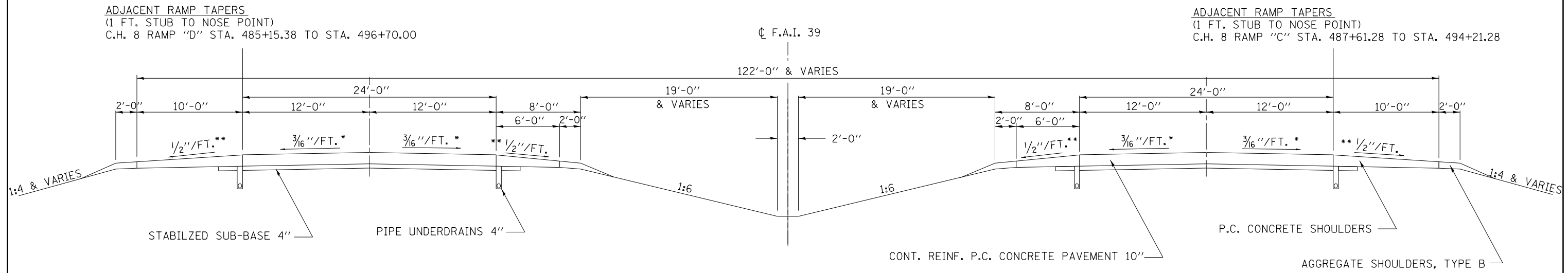


# EXISTING TYPICAL SECTION F.A.I. 39

STA. 377 + 00.00 TO STA. 511 + 11.00

## STATION EQUATION

STA. 377 + 24.54 (BK.) =  
STA. 377 + 00.00 (AH.)



ADJACENT RAMP TAPERS  
(1 FT. STUB TO NOSE POINT)  
C.H. 8 RAMP "D" STA. 485+15.38 TO STA. 496+70.00

ADJACENT RAMP TAPERS  
(1 FT. STUB TO NOSE POINT)  
C.H. 8 RAMP "C" STA. 487+61.28 TO STA. 494+21.28

\* SLOPE VARIES FOR SUPERELEVATION IN CURVES

\*\* SLOPE VARIES IN SUPERELEVATION WITH MAXIMUM  
OF 0.08 FT/FT DIFFERENCE

FILE NAME =	USER NAME = kedaser	DESIGNED -	REVISED -
ci:\pw\work\p\dot\kedaser\d0329897\0570980-sht-plans.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
*MODELNAME*	PLOT DATE = 1/24/2013	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

### EXISTING TYPICAL CROSS SECTIONS

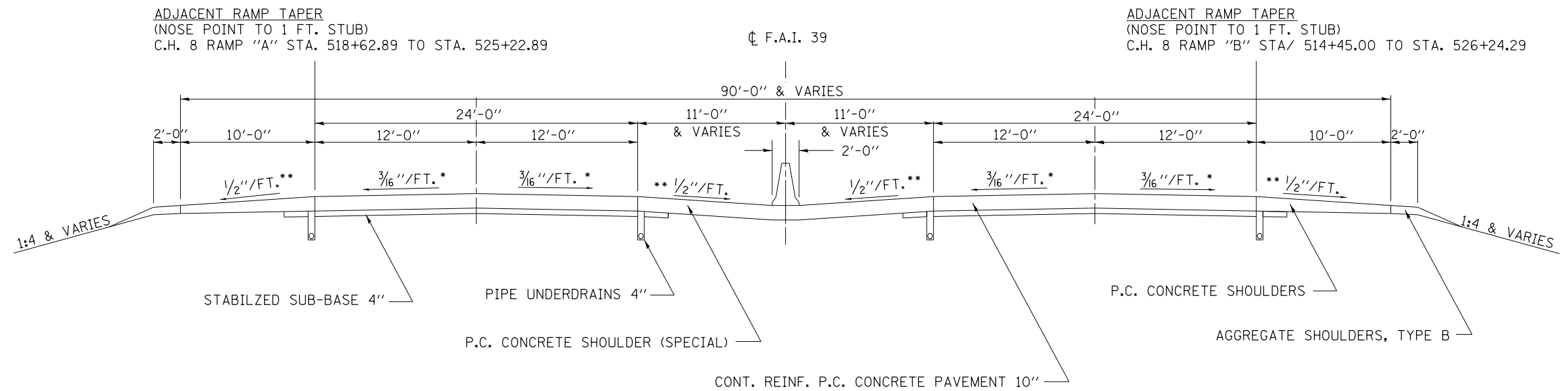
SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	D5 PATCHING 2013-4	McLEAN	19	9

ILLINOIS FED. AID PROJECT

# EXISTING TYPICAL SECTION F.A.I. 39

STA. 511 + 11.00 TO STA. 557 + 87.88



- \* SLOPE VARIES FOR SUPERELEVATION IN CURVES
- \*\* SLOPE VARIES IN SUPERELEVATION WITH MAXIMUM OF 0.08 FT/FT DIFFERENCE

FILE NAME =	USER NAME = kedaser	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EXISTING TYPICAL SECTION</b>	F.A.I. RTE. 39	SECTION D5 PATCHING 2013-4	COUNTY McLean	TOTAL SHEETS 19	SHEET NO. 10		
		DRAWN -	REVISED -			SCALE: SHEET NO. 5 OF 5 SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT				
		CHECKED -	REVISED -									
		DATE -	REVISED -									

## SCHEDULE OF QUANTITIES

CLASS A PATCHING, 10"

STATION	DIRECTION	LANE	LENGTH (ft)	WIDTH (ft)	44200549	44200553	44200557	44200559	44213000	44213200	44213204
					TYPE I 10.0" (sq. yd)	TYPE II 10.0" (sq. yd)	TYPE III 10.0" (sq. yd)	TYPE IV 10.0" (sq. yd)	PATCHING REINFORCEMENT (sq. yd)	SAW CUTS (ft)	TIE BARS 3/4" (each)
236+00	NB	DL	6.00	6.00	4.00				4.00	42.0	
237+00	NB	DL	6.00	6.00	4.00				4.00	42.0	
238+00	NB	DL	15.00	6.00		10.00			10.00	69.0	
240+00	NB	DL	6.00	6.00	4.00				4.00	42.0	
241+00	NB	DL	6.00	6.00	4.00				4.00	42.0	
242+00	NB	DL	8.00	6.00		5.33			5.33	48.0	
250+00	NB	DL	6.00	12.00		8.00			8.00	66.0	
251+00	NB	DL	6.00	12.00		8.00			8.00	66.0	
252+50	NB	DL	15.00	6.00		10.00			10.00	69.0	
254+00	NB	DL	6.00	6.00	4.00				4.00	42.0	
254+20	NB	DL	6.00	6.00	4.00				4.00	42.0	
255+50	NB	DL	8.00	12.00		10.67			10.67	72.0	
258+50	NB	DL	15.00	6.00		10.00			10.00	69.0	
259+00	NB	DL	6.00	6.00	4.00				4.00	42.0	
267+00	NB	DL	6.00	6.00	4.00				4.00	42.0	
267+25	NB	DL	6.00	6.00	4.00				4.00	42.0	
267+50	NB	DL	6.00	6.00	4.00				4.00	42.0	
270+50	NB	DL	10.00	12.00		13.33			13.33	78.0	
271+50	NB	DL	10.00	12.00		13.33			13.33	78.0	
272+75	NB	DL	10.00	6.00		6.67			6.67	54.0	
273+50	NB	DL	6.00	6.00	4.00				4.00	42.0	
275+50	NB	DL	6.00	6.00	4.00				4.00	42.0	
277+50	NB	DL	8.00	12.00		10.67			10.67	72.0	
277+75	NB	DL	6.00	6.00	4.00				4.00	42.0	
277+90	NB	DL	6.00	12.00		8.00			8.00	66.0	
278+50	NB	DL	20.00	12.00				26.67	26.67	108.0	22
279+50	NB	DL	12.00	12.00			16.00		16.00	84.0	
280+10	NB	DL	6.00	6.00	4.00				4.00	42.0	
280+50	NB	DL	6.00	6.00	4.00				4.00	42.0	
280+70	NB	DL	6.00	6.00	4.00				4.00	42.0	
281+00	NB	DL	6.00	12.00		8.00			8.00	66.0	
SUB-TOTAL =					64.0	122.0	16.0	26.7	228.7	1737.0	22.0

\*LONGITUDINAL BARS ARE #7

## SCHEDULE OF QUANTITIES

### CLASS A PATCHING, 10" (CONT'D)

STATION	DIRECTION	LANE	LENGTH (ft)	WIDTH (ft)	44200549	44200553	44200557	44200559	44213000	44213200	44213204
					TYPE I 10.0" (sq. yd)	TYPE II 10.0" (sq. yd)	TYPE III 10.0" (sq. yd)	TYPE IV 10.0" (sq. yd)	PATCHING REINFORCEMENT (sq. yd)	SAW CUTS (ft)	TIE BARS 3/4" (each)
281+10	NB	DL	6.00	6.00	4.00				4.00	42.0	
281+50	NB	DL	6.00	6.00	4.00				4.00	42.0	
282+50	NB	DL	8.00	12.00		10.67			10.67	72.0	
282+75	NB	DL	6.00	6.00	4.00				4.00	42.0	
286+75	NB	DL	10.00	6.00		6.67			6.67	54.0	
287+50	NB	DL	6.00	6.00	4.00				4.00	42.0	
287+90	NB	DL	6.00	6.00	4.00				4.00	42.0	
288+50	NB	DL	6.00	6.00	4.00				4.00	42.0	
288+60	NB	DL	20.00	12.00				26.67	26.67	108.0	22
288+80	NB	DL	30.00	12.00				40.00	40.00	138.0	32
289+50	NB	DL	6.00	6.00	4.00				4.00	42.0	
290+00	NB	DL	20.00	6.00		13.33			13.33	84.0	22
297+00	NB	DL	8.00	12.00		10.67			10.67	72.0	
297+50	NB	DL	15.00	6.00		10.00			10.00	69.0	
298+50	NB	DL	12.00	6.00		8.00			8.00	60.0	
299+00	NB	DL	6.00	12.00		8.00			8.00	66.0	
299+25	NB	DL	6.00	6.00	4.00				4.00	42.0	
299+50	NB	DL	30.00	6.00			20.00		20.00	114.0	32
300+00	NB	DL	40.00	6.00				26.67	26.67	144.0	42
300+50	NB	DL	12.00	12.00			16.00		16.00	84.0	
302+50	NB	DL	20.00	12.00				26.67	26.67	108.0	22
302+75	NB	DL	6.00	6.00	4.00				4.00	42.0	
303+00	NB	DL	12.00	12.00			16.00		16.00	84.0	
313+25	NB	DL	6.00	6.00	4.00				4.00	42.0	
318+00	NB	DL	6.00	6.00	4.00				4.00	42.0	
321+50	NB	DL	6.00	6.00	4.00				4.00	42.0	
322+00	NB	DL	25.00	6.00			16.67		16.67	99.0	28
328+50	NB	DL	10.00	12.00		13.33			13.33	78.0	
331+20	NB	DL	6.00	6.00	4.00				4.00	42.0	
333+00	NB	DL	6.00	6.00	4.00				4.00	42.0	
333+25	NB	DL	6.00	6.00	4.00				4.00	42.0	
SUB-TOTAL =					60.0	80.7	68.7	120.0	329.3	2064.0	200

\*LONGITUDINAL BARS ARE #7

## SCHEDULE OF QUANTITIES

### CLASS A PATCHING, 10" (CONT'D)

STATION	DIRECTION	LANE	LENGTH (ft)	WIDTH (ft)	44200549 TYPE I 10.0" (sq. yd)	44200553 TYPE II 10.0" (sq. yd)	44200557 TYPE III 10.0" (sq. yd)	44200559 TYPE IV 10.0" (sq. yd)	44213000 PATCHING REINFORCEMENT (sq. yd)	44213200 SAW CUTS (ft)	44213204 TIE BARS 3/4" (each)
333+40	NB	DL	6.00	6.00	4.00				4.00	42.0	
333+75	NB	DL	25.00	6.00			16.67		16.67	99.0	28
334+75	NB	DL	12.00	12.00			16.00		16.00	84.0	
335+50	NB	DL	6.00	6.00	4.00				4.00	42.0	
338+00	NB	DL	10.00	12.00		13.33			13.33	78.0	
339+00	NB	DL	6.00	6.00	4.00				4.00	42.0	
340+00	NB	DL	10.00	12.00		13.33			13.33	78.0	
357+50	NB	DL	6.00	6.00	4.00				4.00	42.0	
358+00	NB	DL	15.00	6.00		10.00			10.00	69.0	
358+25	NB	DL	15.00	12.00			20.00		20.00	93.0	
358+50	NB	DL	8.00	12.00		10.67			10.67	72.0	
359+50	NB	DL	6.00	6.00	4.00				4.00	42.0	
359+25	NB	DL	6.00	6.00	4.00				4.00	42.0	
360+00	NB	DL	15.00	12.00			20.00		20.00	93.0	
363+00	NB	DL	6.00	6.00	4.00				4.00	42.0	
370+20	NB	DL	6.00	6.00	4.00				4.00	42.0	
371+00	NB	DL	6.00	12.00		8.00			8.00	66.0	
373+00	NB	DL	6.00	6.00	4.00				4.00	42.0	
373+25	NB	DL	10.00	6.00		6.67			6.67	54.0	
375+00	NB	DL	8.00	6.00		5.33			5.33	48.0	
375+50	NB	DL	6.00	6.00	4.00				4.00	42.0	
378+00	NB	DL	6.00	12.00		8.00			8.00	66.0	
381+00	NB	DL	6.00	12.00		8.00			8.00	66.0	
391+00	NB	DL	6.00	6.00	4.00				4.00	42.0	
395+20	NB	DL	6.00	6.00	4.00				4.00	42.0	
399+00	NB	DL	6.00	6.00	4.00				4.00	42.0	
400+00	NB	DL	6.00	6.00	4.00				4.00	42.0	
400+20	NB	DL	6.00	6.00	4.00				4.00	42.0	
402+50	NB	DL	6.00	6.00	4.00				4.00	42.0	
408+50	NB	DL	10.00	6.00		6.67			6.67	54.0	
442+00	NB	DL	6.00	6.00	4.00				4.00	42.0	
449+00	NB	DL	8.00	12.00		10.67			10.67	72.0	
SUB-TOTAL =					68.0	100.7	72.7	0.0	241.3	1806.0	28

\*LONGITUDINAL BARS ARE #7

## SCHEDULE OF QUANTITIES

CLASS A PATCHING, 10" (CONT'D)

STATION	DIRECTION	LANE	LENGTH (ft)	WIDTH (ft)	44200549	44200553	44200557	44200559	44213000	44213200	44213204
					TYPE I 10.0" (sq. yd)	TYPE II 10.0" (sq. yd)	TYPE III 10.0" (sq. yd)	TYPE IV 10.0" (sq. yd)	PATCHING REINFORCEMENT (sq. yd)	SAW CUTS (ft)	TIE BARS 3/4" (each)
451+00	NB	DL	8.00	12.00		10.67			10.67	72.0	
451+20	NB	DL	8.00	12.00		10.67			10.67	72.0	
452+00	NB	DL	8.00	12.00		10.67			10.67	72.0	
462+00	NB	DL	6.00	6.00	4.00				4.00	42.0	
474+00	NB	DL	6.00	12.00		8.00			8.00	66.0	
476+20	NB	DL	6.00	6.00	4.00				4.00	42.0	
509+50	NB	DL	6.00	12.00		8.00			8.00	66.0	
510+50	NB	DL	6.00	12.00		8.00			8.00	66.0	
513+00	NB	DL	6.00	12.00		8.00			8.00	66.0	
238+00	SB	DL	10.00	6.00		6.67			6.67	54.0	
238+50	SB	DL	20.00	6.00		13.33			13.33	84.0	22
239+00	SB	DL	25.00	6.00			16.67		16.67	99.0	28
240+00	SB	DL	6.00	12.00		8.00			8.00	66.0	
243+50	SB	DL	6.00	12.00		8.00			8.00	66.0	
243+75	SB	DL	6.00	6.00	4.00				4.00	42.0	
244+00	SB	DL	6.00	6.00	4.00				4.00	42.0	
252+00	SB	DL	6.00	6.00	4.00				4.00	42.0	
252+50	SB	DL	20.00	6.00		13.33			13.33	84.0	22
253+50	SB	DL	6.00	12.00		8.00			8.00	66.0	
254+00	SB	DL	6.00	6.00	4.00				4.00	42.0	
254+50	SB	DL	6.00	6.00	4.00				4.00	42.0	
255+00	SB	DL	15.00	6.00		10.00			10.00	69.0	
255+50	SB	DL	6.00	6.00	4.00				4.00	42.0	
255+75	SB	DL	12.00	6.00		8.00			8.00	60.0	
256+00	SB	DL	6.00	6.00	4.00				4.00	42.0	
258+00	SB	DL	10.00	6.00		6.67			6.67	54.0	
274+50	SB	DL	6.00	6.00	4.00				4.00	42.0	
278+50	SB	DL	6.00	6.00	4.00				4.00	42.0	
279+75	SB	DL	6.00	6.00	4.00				4.00	42.0	
280+00	SB	DL	6.00	12.00		8.00			8.00	66.0	
SUB-TOTAL =					48.0	154.0	16.7	0.0	218.7	1752.0	72

\*LONGITUDINAL BARS ARE #7

## SCHEDULE OF QUANTITIES

CLASS A PATCHING, 10" (CONT'D)

STATION	DIRECTION	LANE	LENGTH (ft)	WIDTH (ft)	44200549	44200553	44200557	44200559	44213000	44213200	44213204
					TYPE I 10.0" (sq. yd)	TYPE II 10.0" (sq. yd)	TYPE III 10.0" (sq. yd)	TYPE IV 10.0" (sq. yd)	PATCHING REINFORCEMENT (sq. yd)	SAW CUTS (ft)	TIE BARS 3/4" (each)
283+00	SB	DL	20.00	6.00		13.33			13.33	84.0	22
284+00	SB	DL	6.00	6.00	4.00				4.00	42.0	
284+50	SB	DL	10.00	6.00		6.67			6.67	54.0	
286+75	SB	DL	50.00	6.00				33.33	33.33	174.0	52
287+50	SB	DL	6.00	6.00	4.00				4.00	42.0	
295+00	SB	DL	10.00	6.00		6.67			6.67	54.0	
295+50	SB	DL	10.00	12.00		13.33			13.33	78.0	
297+50	SB	DL	6.00	6.00	4.00				4.00	42.0	
298+00	SB	DL	6.00	6.00	4.00				4.00	42.0	
298+50	SB	DL	20.00	6.00		13.33			13.33	84.0	22
299+00	SB	DL	6.00	12.00		8.00			8.00	66.0	
290+75	SB	DL	6.00	12.00		8.00			8.00	66.0	
300+25	SB	DL	20.00	12.00				26.67	26.67	108.0	22
307+50	SB	DL	6.00	12.00		8.00			8.00	66.0	
308+50	SB	DL	6.00	12.00		8.00			8.00	66.0	
309+80	SB	DL	8.00	12.00		10.67			10.67	72.0	
313+50	SB	DL	6.00	12.00		8.00			8.00	66.0	
313+75	SB	DL	6.00	12.00		8.00			8.00	66.0	
314+00	SB	DL	6.00	12.00		8.00			8.00	66.0	
315+00	SB	DL	6.00	12.00		8.00			8.00	66.0	
316+00	SB	DL	6.00	6.00	4.00				4.00	42.0	
315+50	SB	DL	8.00	6.00		5.33			5.33	48.0	
328+50	SB	DL	12.00	12.00			16.00		16.00	84.0	
330+25	SB	DL	6.00	6.00	4.00				4.00	42.0	
331+50	SB	DL	6.00	12.00		8.00			8.00	66.0	
332+60	SB	DL	8.00	12.00		10.67			10.67	72.0	
334+00	SB	DL	10.00	12.00		13.33			13.33	78.0	
338+50	SB	DL	6.00	6.00	4.00				4.00	42.0	
338+75	SB	DL	6.00	6.00	4.00				4.00	42.0	
339+00	SB	DL	6.00	6.00	4.00				4.00	42.0	
347+50	SB	DL	6.00	12.00		8.00			8.00	66.0	
352+75	SB	DL	15.00	6.00		10.00			10.00	69.0	
SUB-TOTAL =					36.0	183.3	16.0	60.0	295.3	2097.0	118

\*LONGITUDINAL BARS ARE #7

## SCHEDULE OF QUANTITIES

### CLASS A PATCHING, 10" (CONT'D)

STATION	DIRECTION	LANE	LENGTH (ft)	WIDTH (ft)	44200549 TYPE I 10.0" (sq. yd)	44200553 TYPE II 10.0" (sq. yd)	44200557 TYPE III 10.0" (sq. yd)	44200559 TYPE IV 10.0" (sq. yd)	44213000 PATCHING REINFORCEMENT (sq. yd)	44213200 SAW CUTS (ft)	44213204 TIE BARS 3/4" (each)
353+00	SB	DL	15.00	6.00		10.00			10.00	69.0	
354+50	SB	DL	6.00	6.00	4.00				4.00	42.0	
366+00	SB	DL	15.00	6.00		10.00			10.00	69.0	
376+60	SB	DL	10.00	12.00		13.33			13.33	78.0	
376+80	SB	DL	10.00	12.00		13.33			13.33	78.0	
377+00	SB	DL	6.00	12.00		8.00			8.00	66.0	
380+00	SB	DL	6.00	12.00		8.00			8.00	66.0	
385+50	SB	DL	20.00	12.00			26.67		26.67	108.0	
400+50	SB	DL	8.00	6.00		5.33			5.33	48.0	
470+00	SB	DL	6.00	12.00		8.00			8.00	66.0	
471+88	SB	DL	15.00	6.00		10.00			10.00	69.0	

SUB-TOTAL =	4.0	86.0	0.0	26.7	116.7	759.0	0
NORTHBOUND TOTAL =	200.0	367.3	157.3	146.7	871.3	6,171.0	250
SOUTHBOUND TOTAL =	80.0	359.3	32.7	86.7	558.7	4,044.0	190
TOTAL =	280.0	726.7	190.0	233.3	1,430.0	10,215.0	440
USE =	280.0	727.0	190.0	234.0	1,430.0	10,215.0	440

\*LONGITUDINAL BARS ARE #7

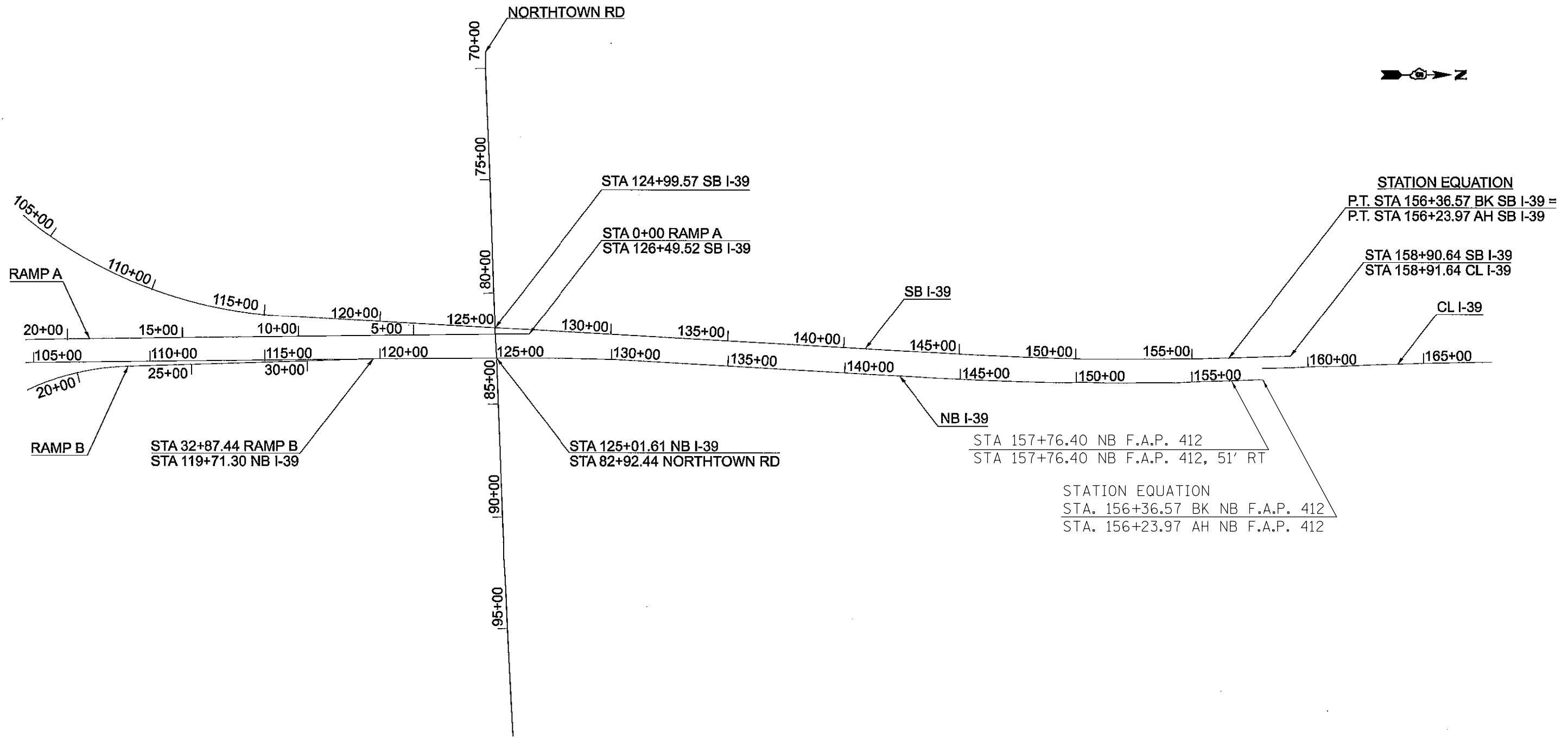


## SCHEDULE OF QUANTITIES

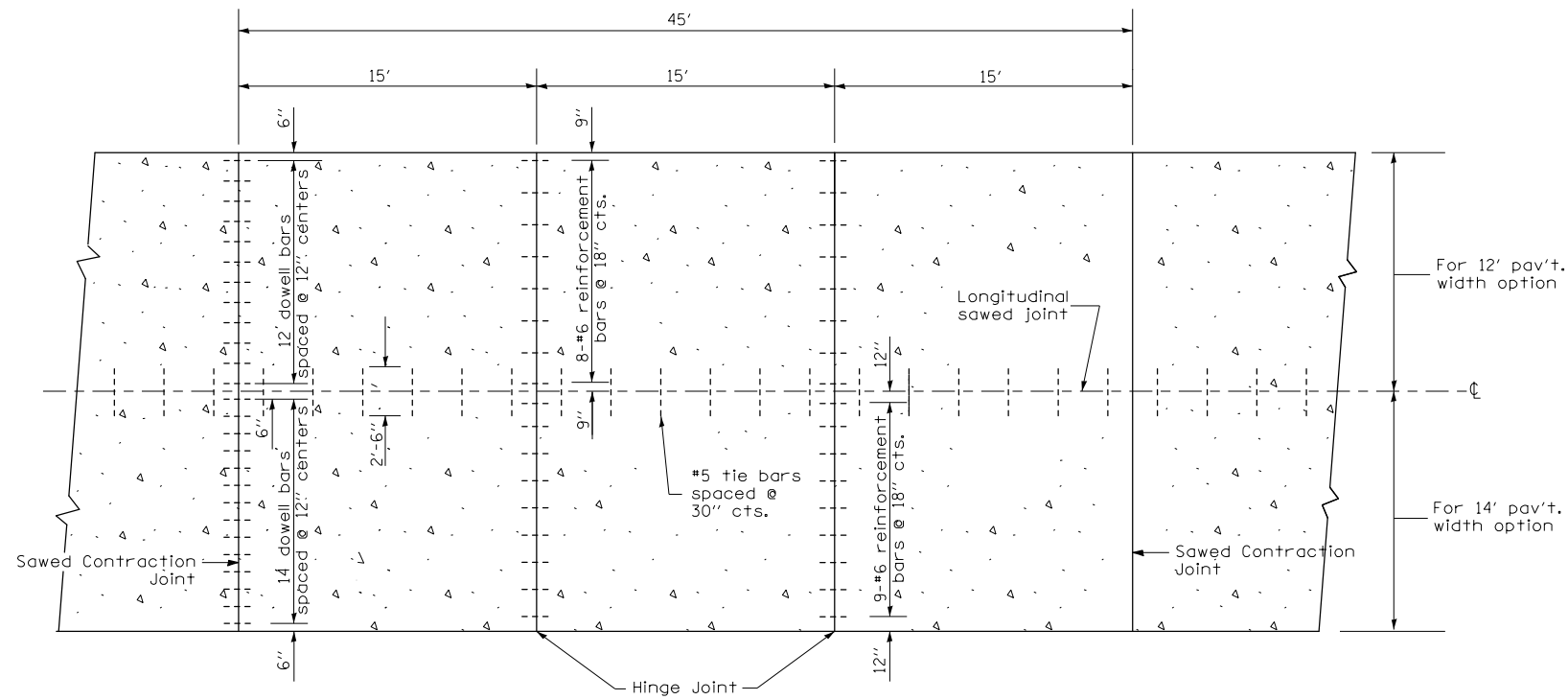
### CLASS B PATCHING, 11"

STATION	DIRECTION	LANE	LENGTH (ft)	WIDTH (ft)	44200982	44200986	44200988	42001200	44213200	Z0017100	44213204
					TYPE II 11.0" (sq. yd)	TYPE III 11.0" (sq. yd)	TYPE IV 11.0" (sq. yd)	PAVEMENT FABRIC (sq. yd)	SAW CUTS (ft)	DOWEL BARS (each)	TIE BARS 3/4" (each)
128+00	NB	DL	6.00	12.00	8.00				54.0	20.0	
129+00	NB	DL	6.00	12.00	8.00				54.0	20.0	
130+00	NB	DL	6.00	12.00	8.00				54.0	20.0	
131+00	NB	DL	6.00	12.00	8.00				54.0	20.0	
132+00	NB	DL	6.00	12.00	8.00				54.0	20.0	
133+00	NB	DL	6.00	12.00	8.00				54.0	20.0	
NORTHBOUND SUBTOTAL =					48.0	0.0	0.0	0.0	324.0	120.0	0.0
200+00	SB	DL	12.00	12.00		16.00		16.00	72.0	20.0	
201+00	SB	DL	12.00	12.00		16.00		16.00	72.0	20.0	
210+00	SB	DL	20.00	12.00			26.67	26.67	96.0	20.0	22.0
SOUTHBOUND SUBTOTAL =					0.0	32.0	26.7	58.7	240.0	60.0	22.0
TOTAL =					48.0	32.0	26.7	58.7	564.0	180.0	22.0
USE =					48.0	32.0	27.0	59.0	564.0	180.0	22.0

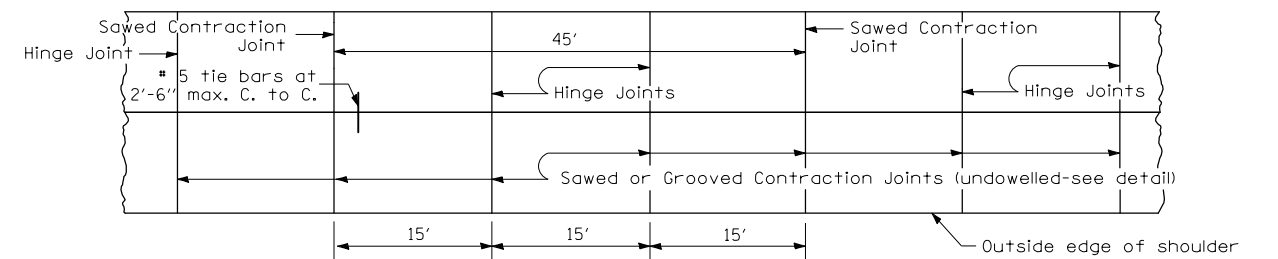
# I-39 / I-55 INTERCHANGE STATIONING



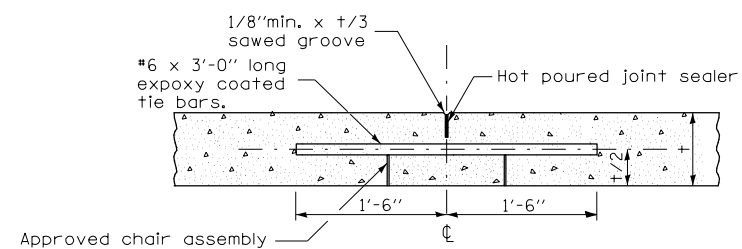
FILE NAME =	USER NAME = kedaser	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>I-39 / I-55 INTERCHANGE STATIONING</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\pw\work\p\dot\kedaser\d0329897\0570980-sht-plans.dgn		DRAWN -	REVISED -					D5 PATCHING 2013-4		19	18
*MODELNAME*		CHECKED -	REVISED -			SCALE:	SHEET 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO.	
		DATE -	REVISED -							ILLINOIS FED. AID PROJECT	



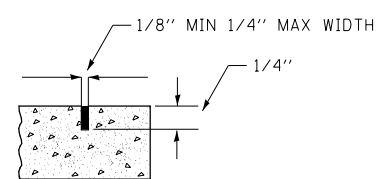
PLAN  
EXISTING JOINTED PORTLAND CEMENT CONCRETE PAVEMENT



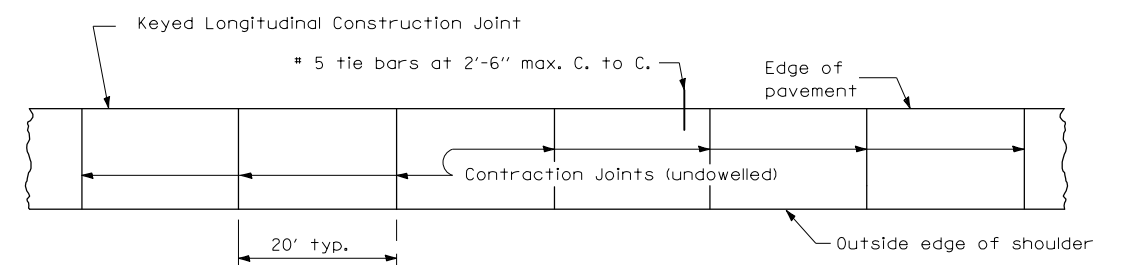
PLAN  
TYPICAL P.C.C. PAVED SHOULDER ADJACENT TO JOINTED PAVEMENT



DETAIL OF HINGE JOINT



DETAIL OF  
Sawed or Grooved  
Contraction Joint  
For  
TYPICAL P.C.C. PAVED SHOULDER



PLAN  
TYPICAL P.C.C. PAVED SHOULDER ADJACENT TO CONTINUOUSLY REINFORCED PAVEMENT

GENERAL NOTE

#4 tie bars may be used when the pavement is less than 9" thick.

FILE NAME =	USER NAME = kedaser	DESIGNED -	REVISED -
et:\pw\work\p\idot\kedaser\d0329897\0570980-sht-plans.dgn		DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -
PLOT DATE = 1/24/2013		DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DETAILS OF EXISTING JOINTED P.C.C. PAVEMENT(HINGE-JOINT)  
AND ADJACENT P.C.C. SHOULDER

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	D5 PATCHING 2013-4	McLean	19	19
ILLINOIS FED. AID PROJECT			CONTRACT NO. 70854	