

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	(D5 HSIP 2017)I	* ILLINOIS	54	1
			CONTRACT NO. 70C54	

* CHAMPAIGN, DOUGLAS, MCLEAN

D-95-019-18

PROPOSED HIGHWAY PLANS

FOR INDEX OF SHEETS, SEE SHEET NO. 6

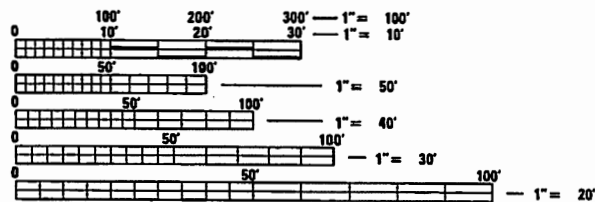
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 7-10

CURRENT TRAFFIC DATA

SEE LOCATION MAPS FOR TRAFFIC DATA AT EACH LOCATION.

DESIGN DESIGNATION

INTERSTATE (URBAN & RURAL),
MAJOR COLLECTOR (RURAL)



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

TOWNSHIPS:
DRY GROVE, MAHOMET, ST. JOSEPH, ARCOLA,
CHAMPAIGN CITY, CUNNINGHAM, & NORMAL

PROJECT ENGINEER: JASON STULTS
SQUAD LEADER: GREG EAGLIN
(217) 465-4181

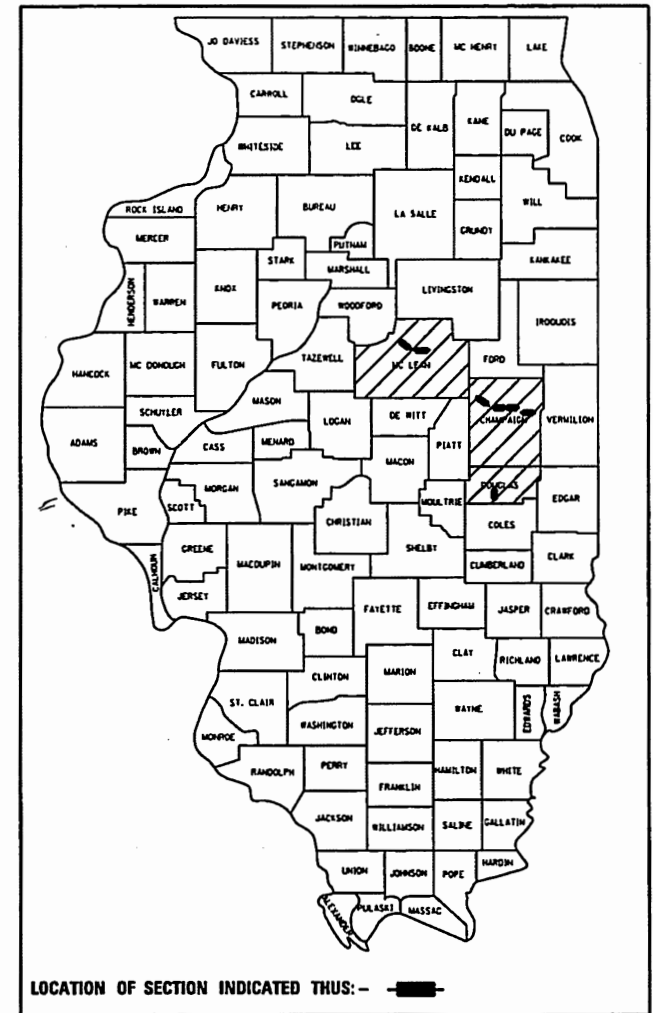
CONTRACT NO. 70C54

VARIOUS ROUTES
SECTION (D5 HSIP 2017)I
PROJECT HSIP-Y65L(694)
SKIDPROOFING
CHAMPAIGN, DOUGLAS, & MCLEAN COUNTIES

C-95-032-18

VARIOUS LOCATIONS

FOR LOCATION MAPS, SEE SHEET NO. 2-5



GROSS LENGTH = 6,167.49 FT. = 1.168 MILE
NET LENGTH = 6,167.49 FT. = 1.168 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 10/17 2017
Kenneth A. Garroth
REGION THREE ENGINEER

November 30 2017
Mawoon M. Adiz Perla
ENGINEER OF DESIGN AND ENVIRONMENT

November 30 2017
[Signature]
DIRECTOR OF PROGRAM DEVELOPMENT

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

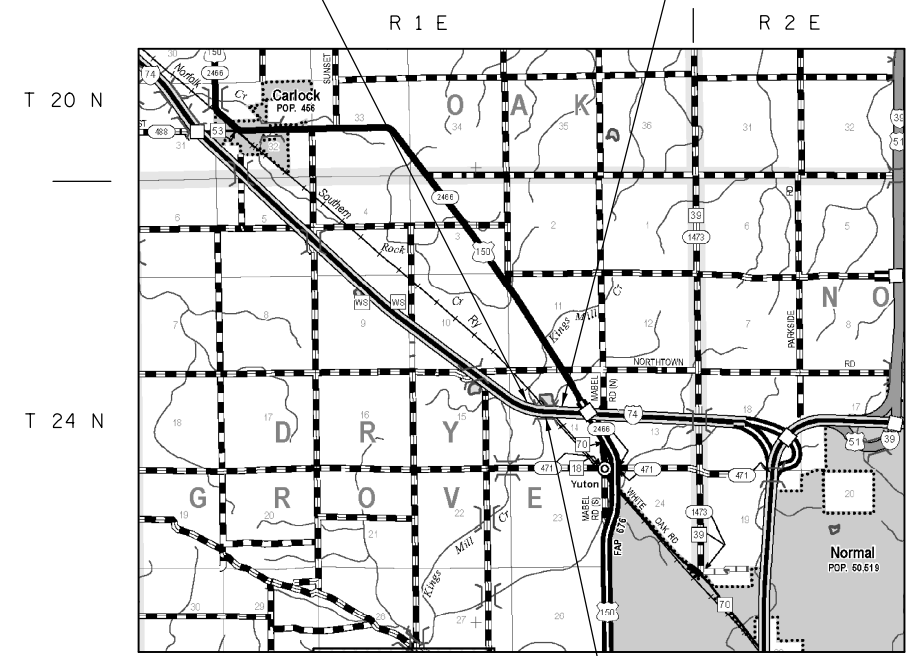
LOCATION MAP #1
FAI-74 / (I-74) OVER NORFOLK SOUTHERN RAILROAD
WEST OF US 150 IN NORMAL

CURRENT TRAFFIC DATA

ADT (2017)	=	25,200
PV %	=	77.8
SU%	=	5.1
MU%	=	17.1

LOCATION: #1
 BEGINS: STA. 1783+23.18 E.B.
 BEGINS: STA. 1782+34.55 W.B.

LOCATION: #1
 ENDS: STA. 1786+71.00 E.B.
 ENDS: STA. 1785+79.03 W.B.



MCLEAN COUNTY / URBAN
 TOWNSHIP: DRY GROVE

STA. 1784+51.33
 S. N. 057-0045 W. B. &
 S. N. 057-0046 E. B.



E. B. GROSS LENGTH = 347.82 FT. = 0.066 MILES
 E. B. NET LENGTH = 347.82 FT. = 0.066 MILES

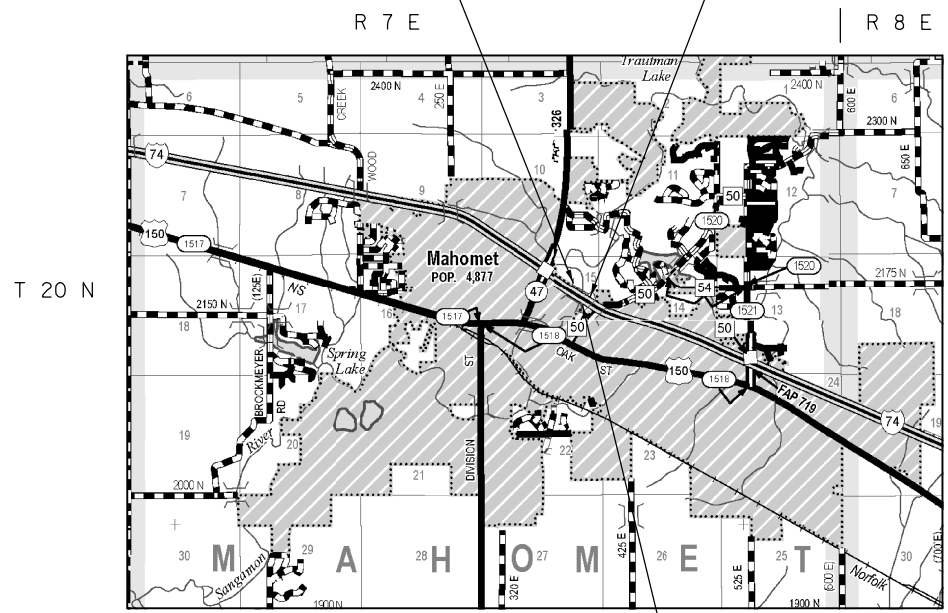
LOCATION MAP #2
FAI-74 / (I-74) OVER SANGAMON RIVER
EAST OF IL 47 IN MAHOMET

CURRENT TRAFFIC DATA

ADT (2017)	=	30,700
PV %	=	73.4
SU%	=	3.9
MU%	=	22.7

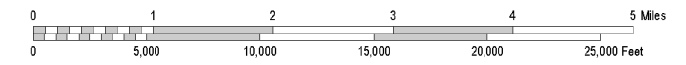
LOCATION: #2
 BEGINS: STA. 1537+68.55 E.B.
 BEGINS: STA. 1537+68.55 W.B.

LOCATION: #2
 ENDS: STA. 1542+21.05 E.B.
 ENDS: STA. 1542+21.05 W.B.



CHAMPAIGN COUNTY / URBAN
 TOWNSHIP: MAHOMET

STA. 1539+94.80
 S. N. 010-0016 E. B. &
 S. N. 010-0017 W. B.



E. B. GROSS LENGTH = 452.50 FT. = 0.086 MILES
 E. B. NET LENGTH = 452.50 FT. = 0.086 MILES

FILE NAME =	USER NAME = ceorlockjd	DESIGNED -	REVISED -
pw:\IL\084EBID\INTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0570\Drawings\Design\0570C54-sh1-loc.mps		CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 10/18/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION MAPS #1 & #2

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	(D5 HSIP 2017)I	*	54	2
			CONTRACT NO. 70C54	
ILLINOIS FED. AID PROJECT				

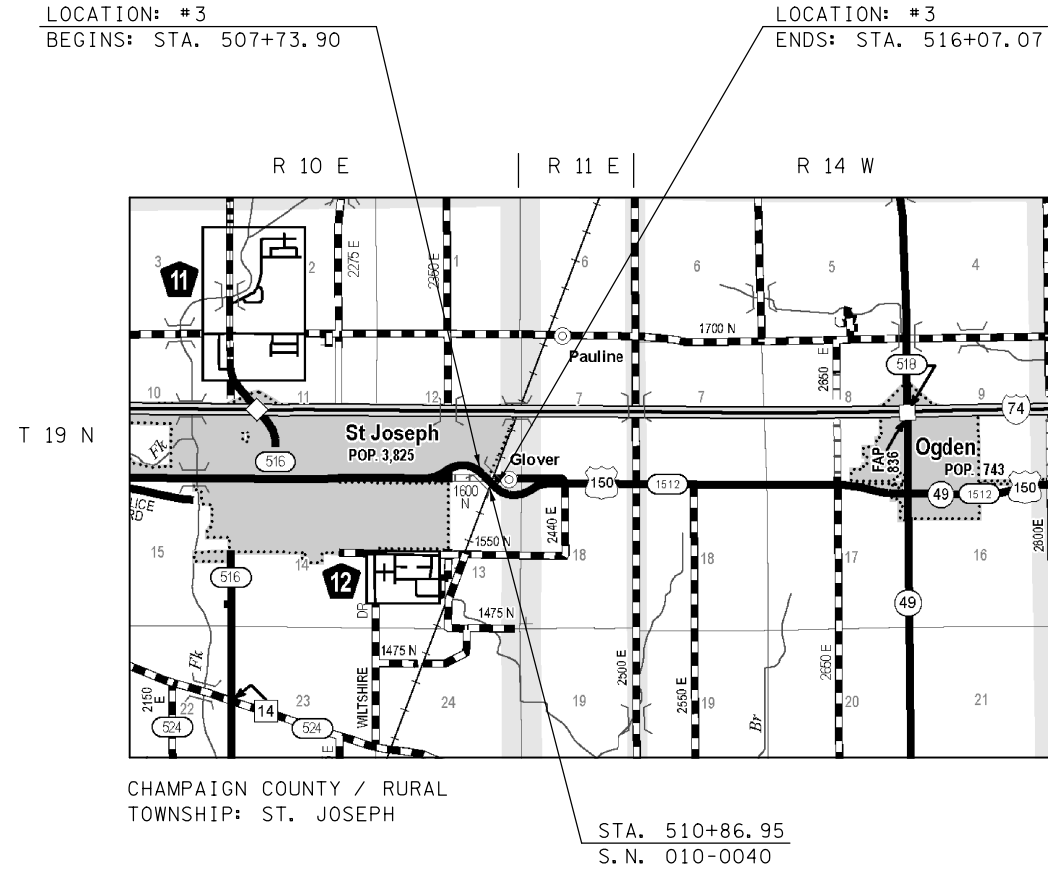
* CHAMPAIGN, DOUGLAS, MCLEAN

LOCATION MAP #3

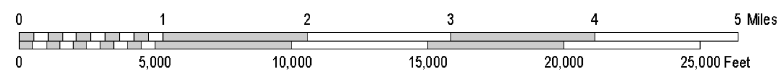
FAS 1512 / (US 150) OVER UNION PACIFIC RAILROAD AT GLOVER, EAST OF ST. JOSEPH

CURRENT TRAFFIC DATA

ADT (2017) = 2,750
 PV % = 96.5
 SU% = 2.6
 MU% = 0.9



CHAMPAIGN COUNTY / RURAL
 TOWNSHIP: ST. JOSEPH



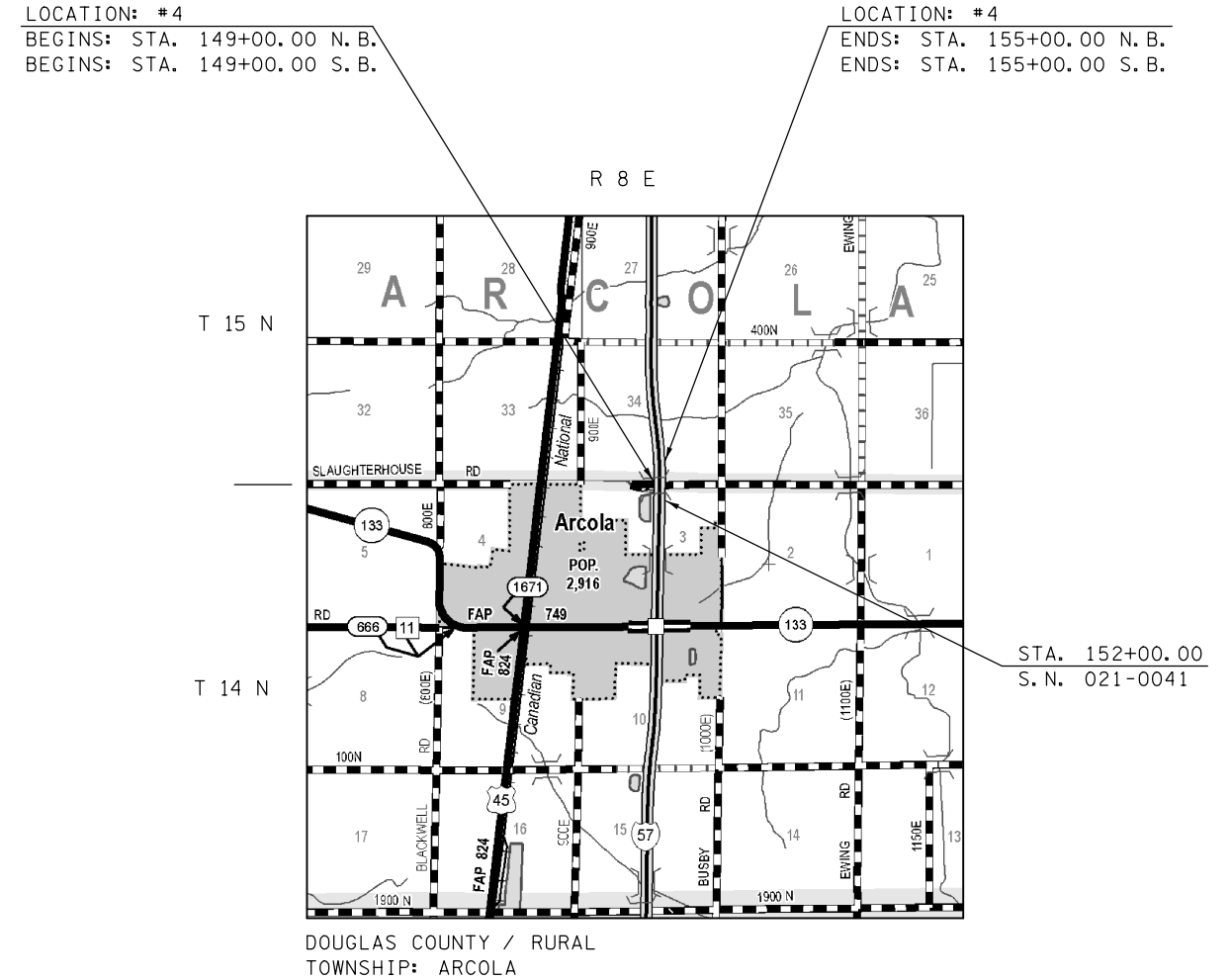
GROSS LENGTH = 833.17 FT. = 0.158 MILES
 NET LENGTH = 833.17 FT. = 0.158 MILES

LOCATION MAP #4

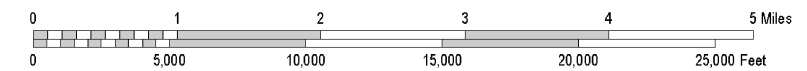
FAI-57 / (I-57) UNDER TR 157D, NORTH OF ARCOLA

CURRENT TRAFFIC DATA

ADT (2017) = 19,100
 PV % = 59.2
 SU% = 4.5
 MU% = 36.3



DOUGLAS COUNTY / RURAL
 TOWNSHIP: ARCOLA



GROSS LENGTH = 600.00 FT. = 0.114 MILES
 NET LENGTH = 600.00 FT. = 0.114 MILES

* CHAMPAIGN, DOUGLAS, MCLEAN

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
pw:\IL\084EBID\INTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 5\Projects\057\CDRAWING\Design\0570C54-sht-loc.mps		CHECKED -	REVISED -
		DATE -	REVISED -
MODELNAME	PLOT DATE = 10/18/2017		

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

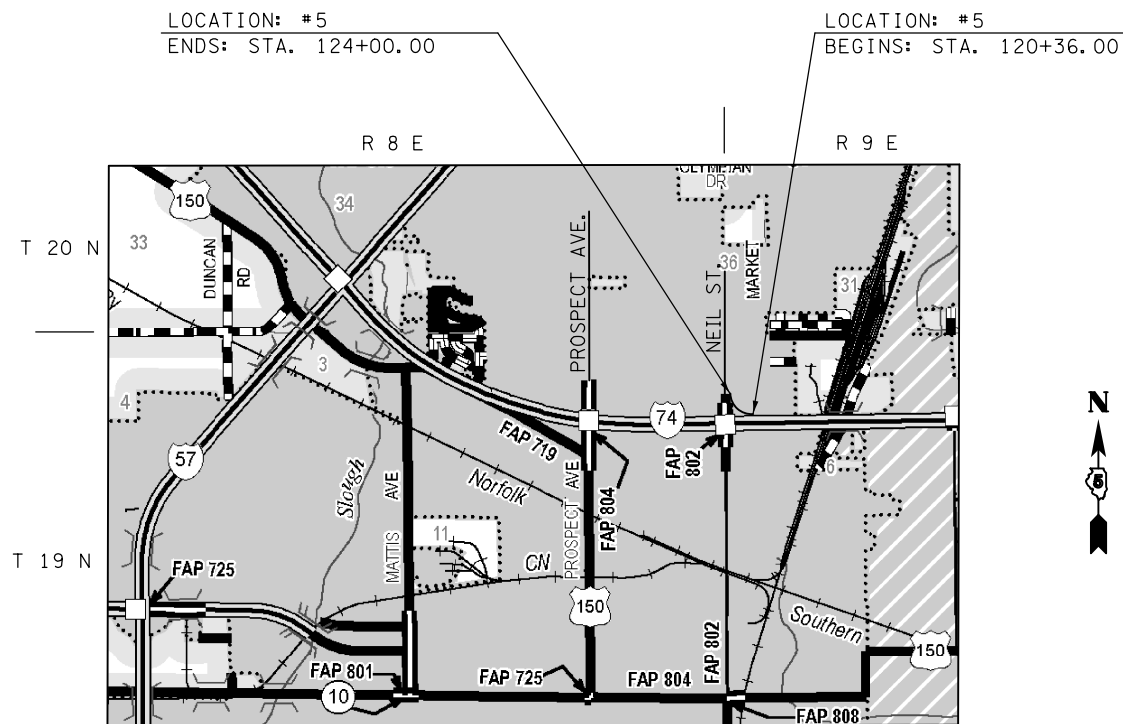
LOCATION MAPS #3 & #4

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

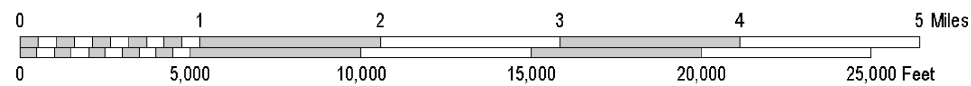
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	(D5 HSIP 2017)I	*	54	3
			CONTRACT NO. 70C54	
ILLINOIS FED. AID PROJECT				

LOCATION MAP #5
FAI-74 / (I-74) WESTBOUND OFF-RAMP
AT NEIL STREET IN CHAMPAIGN

CURRENT TRAFFIC DATA				
LOCATION	ADT (2017)	PV %	SU %	MU %
FAI-74 / (I-74)	= 63,100	86.6	2.9	10.5
I-74 WB TO NEIL ST=	8,500	95.0	3.2	1.8



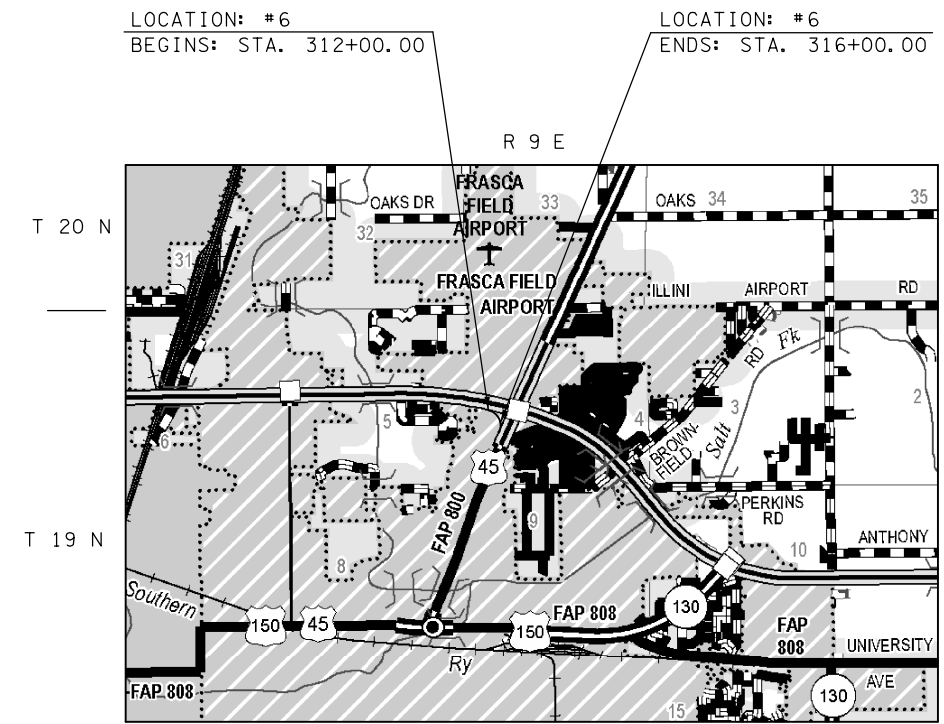
CHAMPAIGN COUNTY / URBAN
 TOWNSHIP: CHAMPAIGN CITY



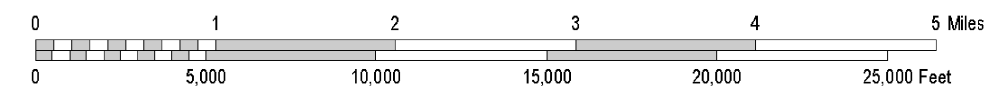
E. B. GROSS LENGTH = 364.00 FT. = 0.069 MILES
 E. B. NET LENGTH = 364.00 FT. = 0.069 MILES

LOCATION MAP #6
FAI-74 / (I-74) EASTBOUND OFF-RAMP
AT US 45 / (CUNNINGHAM AVE.) IN URBANA

CURRENT TRAFFIC DATA				
LOCATION	ADT (2017)	PV %	SU %	MU %
FAI-74 / (I-74)	= 53,500	85.0	2.9	12.1
I-74 EB TO US 45 =	9,200	94.6	3.8	1.6



CHAMPAIGN COUNTY / URBAN
 TOWNSHIP: CUNNINGHAM



E. B. GROSS LENGTH = 400.00 FT. = 0.076 MILES
 E. B. NET LENGTH = 400.00 FT. = 0.076 MILES

* CHAMPAIGN, DOUGLAS, MCLEAN

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
pw:\IL\084EBID\INTEG\Illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\057\CDRAWING\Design\0570C54-sht-loc.mps		REVISED -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
MODELNAME	PLOT DATE = 10/18/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION MAPS #5 & #6

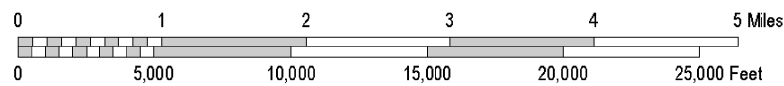
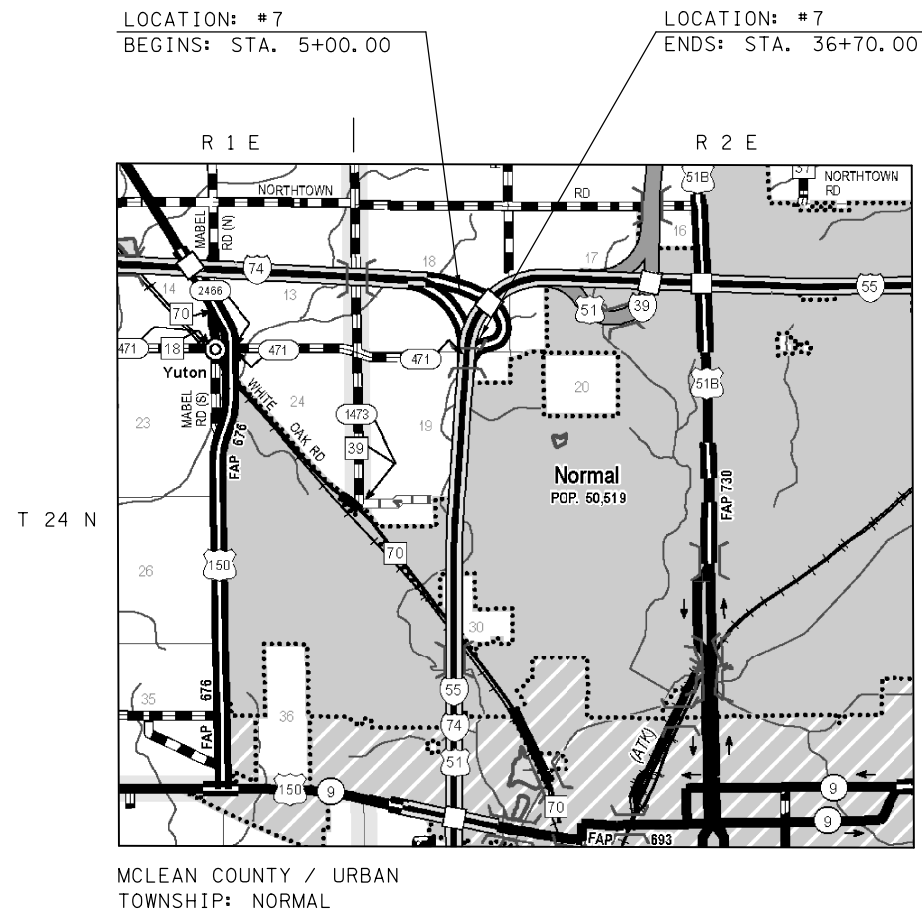
SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	(D5 HSIP 2017)I	*	54	4
			CONTRACT NO. 70C54	
ILLINOIS FED. AID PROJECT				

LOCATION MAP #7

FAI-74 / (I-74) EASTBOUND OFF-RAMP TO I-55 NORTHBOUND IN NORMAL

CURRENT TRAFFIC DATA					
LOCATION	=	ADT (2017)	PV %	SU %	MU %
FAI -74 / (I-74)	=	24,800	80.1	4.2	15.7
I-55 / I-74	=	46,400	70.9	3.0	26.1
I-74 EB TO I-55 NB	=	5,600	89.8	3.1	7.1



GROSS LENGTH = 3,170.00 FT. = 0.600 MILES
NET LENGTH = 3,170.00 FT. = 0.600 MILES

* CHAMPAIGN, DOUGLAS, MCLEAN

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION MAP #7	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL\084EBID\INTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0570\DRAWING\Design\0570C54-shr-loc.mps						VAR.	(D5 HSIP 2017)I	*	54	5	
MODELNAME						CONTRACT NO. 70C54					
PLOT DATE = 10/18/2017						ILLINOIS FED. AID PROJECT					
				SCALE:		SHEET 4 OF 4 SHEETS		STA.		TO STA.	

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2-5	LOCATION MAPS
6	INDEX OF SHEETS
6	LIST OF STANDARDS
6	GENERAL NOTES
7-10	SUMMARY OF QUANTITIES
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19-21	SCHEDULE OF QUANTITIES
22-27	STRUCTURE PLANS (057-0045 & 057-0046)
28-32	STRUCTURE PLANS (010-0016 & 010-0017)
33-40	STRUCTURE PLANS (010-0040)
41-46	WIDTH RESTRICTION DETAILS
47-48	DETOUR SIGNING DETAILS
49	DETAIL FOR TEMPORARY RUMBLE STRIPS (SPECIAL)
50	PAVEMENT MARKING (INTERSTATE & MULTILANE APPLICATIONS)
51-54	PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)

LIST OF 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
420001-09	PAVEMENT JOINTS
420701-03	PAVEMENT WELDED WIRE REINFORCEMENT
421001-03	BAR REINFORCEMENT FOR CRC PAVEMENT
442001-04	CLASS A PATCHES
442101-08	CLASS B PATCHES
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS \geq 45MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701316-12	LANE CLOSURE, 2L, 2W, BRIDGE REPAIR, FOR SPEEDS \geq 45 MPH
701400-09	APPROACH TO LANE CLOSURE, FREEWAY / EXPRESSWAY
701401-11	LANE CLOSURE, FREEWAY / EXPRESSWAY
701406-11	LANE CLOSURE, FREEWAY / EXPRESSWAY, DAY OPERATIONS ONLY
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCES OR EXIT RAMP, FOR SPEEDS \geq 45 MPH
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS \geq 45 MPH
701428-01	TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY / EXPRESSWAY
701451-05	RAMP CLOSURE FREEWAY/EXPRESSWAY
701901-07	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING 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.-107.12 (SPECIAL)
AT LOCATION #1 AND LOCATION #3 WHERE STRUCTURES SPAN A RAILROAD, THE CONTRACTOR SHALL NOT WORK UNDER THE BRIDGE ON RAILROAD RIGHT-OF-WAY.

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 THE FULL-DEPTH AND PARTIAL-DEPTH PATCHES MAY OCCUR.

G.N.-609
PRIOR TO ROUTING TRAFFIC ONTO THE SHOULDERS AS SHOWN IN THE STAGING PLANS, THE CONTRACTOR SHALL SECURE THE GRATINGS ON THE SHOULDER INLETS AS DIRECTED BY THE ENGINEER. THIS WORK WILL BE PAID FOR ACCORDING TO ARTICLE 109.04.

G.N.-781
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.

• CHAMPAIGN, DOUGLAS, MCLEAN

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, LIST OF STANDARDS, GENERAL NOTES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
MODELNAME	PLOT DATE = 10/18/2017	DATE -	REVISED -		SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.	
						CONTRACT NO. 70C54		ILLINOIS FED. AID PROJECT			

SUMMARY OF QUANTITIES

SHEET 1 OF 4

LOCATION OF WORK:	FAI-74/(I-74)	FAI-74/(I-74)	FAS 1512/(US 150)	FAI-57/(I-57)
	INTERSTATE URBAN MCLEAN	INTERSTATE URBAN CHAMPAIGN	2-LANE RURAL CHAMPAIGN	INTERSTATE RURAL DOUGLAS
	LOCATION #1 LOCATION #7	LOCATION #2, #5 LOCATION #6	LOCATION #3	LOCATION #4
FUNDING BREAKOUT:	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE
CONSTRUCTION TYPE CODE:	0005	0005	0005	0005

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
44200050	WELDED WIRE REINFORCEMENT	SQ YD	96.0	96.0	0.0	0.0	0.0
44200529	CLASS A PATCHES, TYPE II, 8 INCH	SQ YD	115.0	0.0	0.0	0.0	115.0
44200533	CLASS A PATCHES, TYPE III, 8 INCH	SQ YD	54.0	0.0	0.0	0.0	54.0
44200535	CLASS A PATCHES, TYPE IV, 8 INCH	SQ YD	67.0	0.0	0.0	0.0	67.0
44200970	CLASS B PATCHES, TYPE II, 10 INCH	SQ YD	246.0	246.0	0.0	0.0	0.0
44200974	CLASS B PATCHES, TYPE III, 10 INCH	SQ YD	43.0	43.0	0.0	0.0	0.0
44200976	CLASS B PATCHES, TYPE IV, 10 INCH	SQ YD	54.0	54.0	0.0	0.0	0.0
44201299	DOWEL BARS 1-1/2"	EACH	756.0	756.0	0.0	0.0	0.0
44213000	PATCHING REINFORCEMENT	SQ .YD	235.0	0.0	0.0	0.0	235.0
44213200	SAW CUTS	FOOT	3136.0	1872.0	0.0	0.0	1264.0
44213204	TIE BARS 3/4"	EACH	13.0	0.0	0.0	0.0	13.0
67100100	MOBILIZATION	L SUM	1.0	0.4	0.4	0.1	0.1

▪ SPECIALTY ITEMS

12

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11084EBIDINTEG\Illinois.gov\PIDOT\Documents\IDOT Offices\District 5\Projects\0572\CRW\Drawings\Design\070C54-ht-seq.dgn		CRW				VAR.	(05 HSIP 2017)I	•	54	7
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -							
MODELNAME	PLOT DATE = 10/18/2017	DATE -	REVISED -		SCALE:	SHEET 1	OF 4 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT

• CHAMPAIGN, DOUGLAS, MCLEAN

011

SUMMARY OF QUANTITIES

SHEET 2 OF 4

LOCATION OF WORK:	FAI-74/(I-74)	FAI-74/(I-74)	FAS 1512/(US 150)	FAI-57/(I-57)
	INTERSTATE URBAN MCLEAN	INTERSTATE URBAN CHAMPAIGN	2-LANE RURAL CHAMPAIGN	INTERSTATE RURAL DOUGLAS
	LOCATION #1 LOCATION #7	LOCATION #2, #5 LOCATION #6	LOCATION #3	LOCATION #4
FUNDING BREAKOUT:	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE
CONSTRUCTION TYPE CODE:	0605	0005	0005	0005

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
70100100	TRAFFIC CONTROL AND PROTECTION, STANDARD 701316	EACH	1.0	0.0	0.0	1.0	0.0
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	2.0	1.0	1.0	0.0	0.0
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1.0	0.0	0.0	1.0	0.0
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1.0	0.3	0.3	0.0	0.4
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1.0	0.6	0.2	0.0	0.2
70100820	TRAFFIC CONTROL AND PROTECTION, STANDARD 701451	L SUM	1.0	0.0	1.0	0.0	0.0
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	10.0	6.0	0.0	0.0	4.0
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1.0	0.0	0.0	1.0	0.0
70106700	TEMPORARY RUMBLE STRIPS	EACH	6.0	0.0	0.0	6.0	0.0
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1.0	0.0	1.0	0.0	0.0
70300100	SHORT TERM PAVEMENT MARKING	FOOT	112.0	0.0	0.0	0.0	112.0
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	38.0	0.0	0.0	0.0	38.0

* SPECIALTY ITEMS

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
per\11084EBIDINTEG.illinois.gov\PIDOT\Documents\DOT Offices\District 5\Projects\0578\DRAWINGData\Design\070C54-sht-soq.dgn	DESIGNED -	REVISED -	VAR.			(05 HSIP 2017)	•	54	8	
MODELNAME*	PLOT SCALE = 40.0000' / 1in.	CHECKED -	REVISED -			CONTRACT NO. 70C54				
	PLOT DATE = 10/18/2017	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
				SCALE:	SHEET 2 OF 4 SHEETS	STA.	TO STA.			

• CHAMPAIGN, DOUGLAS, MCLEAN

RFV

SUMMARY OF QUANTITIES

SHEET 3 OF 4

LOCATION OF WORK:	FAI-74/(I-74)	FAI-74/(I-74)	FAS 1512/(US 150)	FAI-57/(I-57)
	INTERSTATE URBAN MCLEAN	INTERSTATE URBAN CHAMPAIGN	2-LANE RURAL CHAMPAIGN	INTERSTATE RURAL DOUGLAS
	LOCATION #1 LOCATION #7	LOCATION #2, #5 LOCATION #6	LOCATION #3	LOCATION #4
FUNDING BREAKOUT:	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE
CONSTRUCTION TYPE CODE:	0005	0005	0005	0005

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	17576.0	7925.0	3598.0	3333.0	2720.0
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	139.0	81.0	22.0	0.0	36.0
* 78200010	BARRIER WALL REFLECTORS, TYPE B	EACH	36.0	16.0	0.0	20.0	0.0
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	110.0	81.0	11.0	0.0	18.0
X0327693	HIGH FRICTION SURFACE TREATMENT	SQ YD	10659.0	5636.0	1823.0	0.0	3200.0
X0327980	PAVEMENT MARKING REMOVAL, WATER BLASTING	SQ FT	5859.0	2641.0	1200.0	1111.0	907.0
X1000002	HIGH FRICTION SURFACE TREATMENT FOR BRIDGE DECK SURFACES	SQ YD	10184.0	2936.0	4263.0	2985.0	0.0
X2700001	TEMPORARY RUMBLE STRIPS (SPECIAL)	EACH	80.0	32.0	16.0	0.0	32.0
X4510050	HIGH FRICTION SURFACE TREATMENT CRACK FILLING	FOOT	3985.0	1927.0	1098.0	0.0	960.0
X7010210	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411 (SPECIAL)	EACH	2.0	0.0	2.0	0.0	0.0
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	90.0	40.0	30.0	0.0	20.0
X7200201	WIDTH RESTRICTION SIGNING	L SUM	1.0	0.25	0.25	0.25	0.25

* SPECIALTY ITEMS

12

* CHAMPAIGN, DOUGLAS, MCLEAN

REV

SUMMARY OF QUANTITIES

SHEET 4 OF 4

LOCATION OF WORK:	FAI-74/(I-74)	FAI-74/(I-74)	FAS 1512/(US 150)	FAI-57/(I-57)
	INTERSTATE URBAN MCLEAN	INTERSTATE URBAN CHAMPAIGN	2-LANE RURAL CHAMPAIGN	INTERSTATE RURAL DOUGLAS
	LOCATION #1 LOCATION #7	LOCATION #2, #5 LOCATION #6	LOCATION #3	LOCATION #4
FUNDING BREAKOUT:	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE
CONSTRUCTION TYPE CODE:	0005	0005	0005	0005

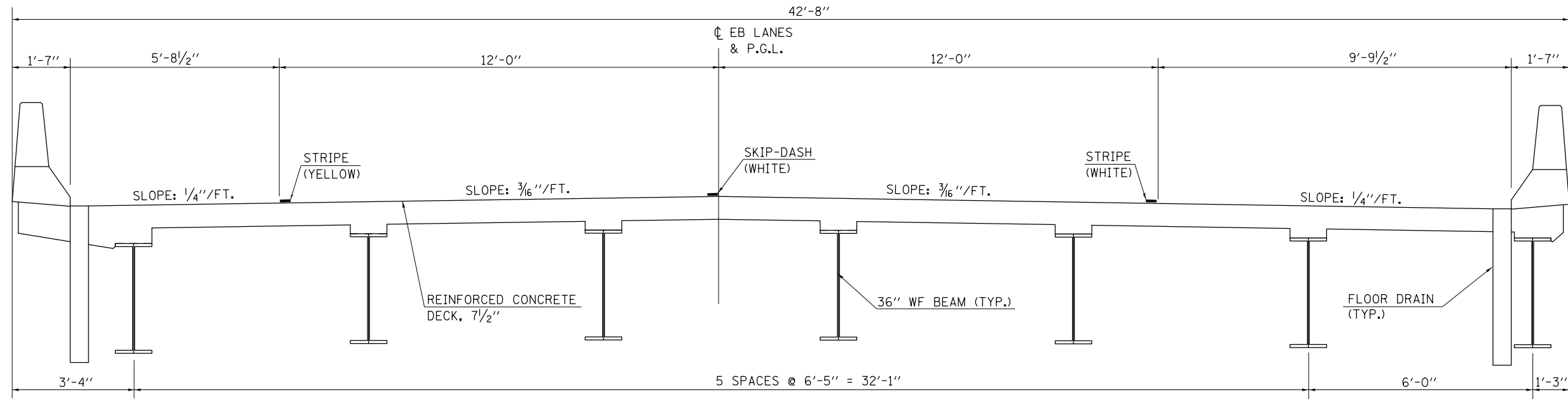
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
X7810400	TEMPORARY RAISED PAVEMENT MARKERS	EACH	1780.0	1310.0	362.0	44.0	64.0
Z0001800	APPROACH SLAB REPAIR (PARTIAL DEPTH)	SQ YD	25.0	25.0	0.0	0.0	0.0
Z0016200	DECK SLAB REPAIR (PARTIAL)	SQ YD	1.0	1.0	0.0	0.0	0.0
Z0016702	DETOUR SIGNING	L SUM	1.0	1.0	0.0	0.0	0.0
Z0021908	SILICONE JOINT SEALER, 2"	FOOT	280.0	232.0	0.0	48.0	0.0
Z0021912	SILICONE JOINT SEALER, 2-1/2"	FOOT	48.0	0.0	0.0	48.0	0.0
Z0021916	SILICONE JOINT SEALER, 3"	FOOT	68.0	0.0	0.0	68.0	0.0
Z0041895	POLYMER CONCRETE	CU FT	30.9	18.1	0.0	12.8	0.0

▪ SPECIALTY ITEMS

A EXISTING TYPICAL CROSS SECTION

LOCATION #1

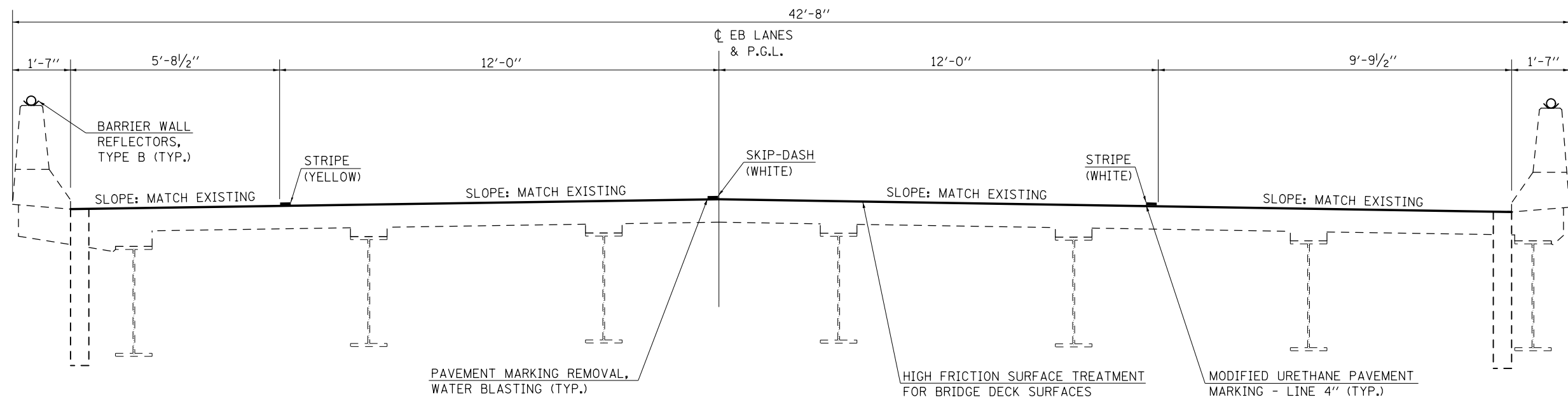
STATION	TO	STATION	
1783+23.18		1786+71.00	S. N. 057-0046 (E. B.)
1782+34.55		1785+79.03	S. N. 057-0045 (W. B.)



1 PROPOSED TYPICAL CROSS SECTION

LOCATION #1

STATION	TO	STATION	
1783+23.18		1786+71.00	S. N. 057-0046 (E. B.)
1782+34.55		1785+79.03	S. N. 057-0045 (W. B.)



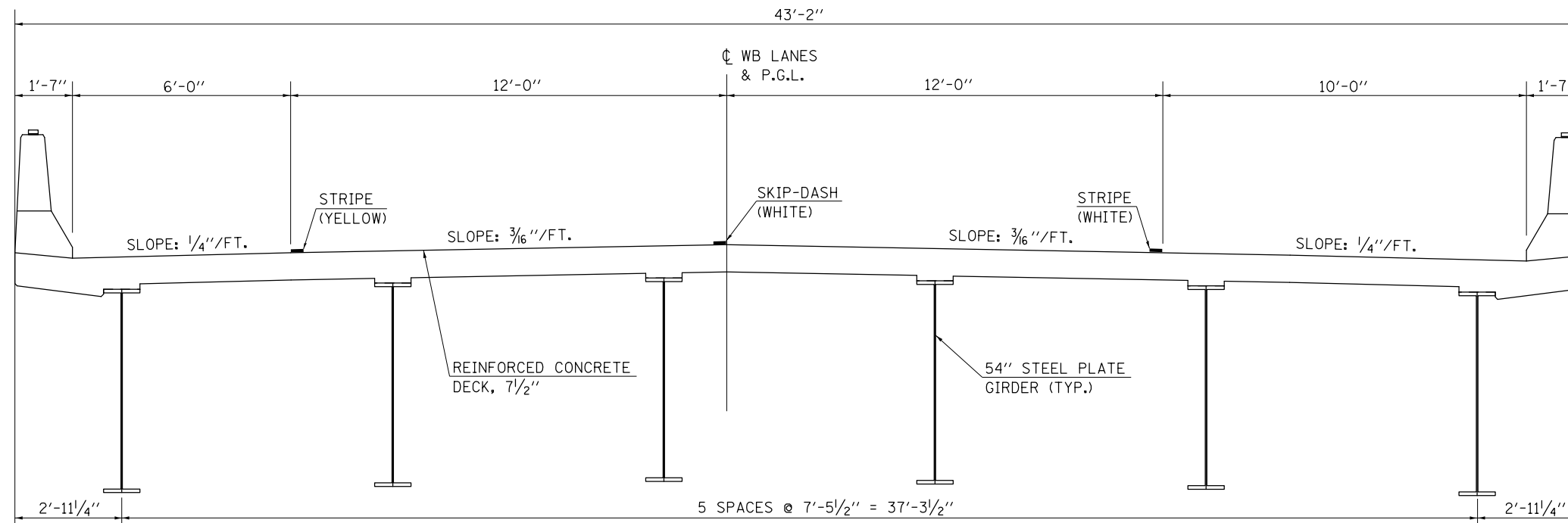
* CHAMPAIGN, DOUGLAS, MCLEAN

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTION LOCATION #1	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\057\DRAWING\Design\070C54-shr-typical.dgn		REVISED -	REVISED -			VAR.	(05 HSIP 2017)I	*	54	11
MODELNAME#	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE:				CONTRACT NO. 70C54	
	PLOT DATE = 10/18/2017	DATE -	REVISED -		SHEET 1 OF 1 SHEETS	STA.				ILLINOIS FED. AID PROJECT

A EXISTING TYPICAL CROSS SECTION

LOCATION #2

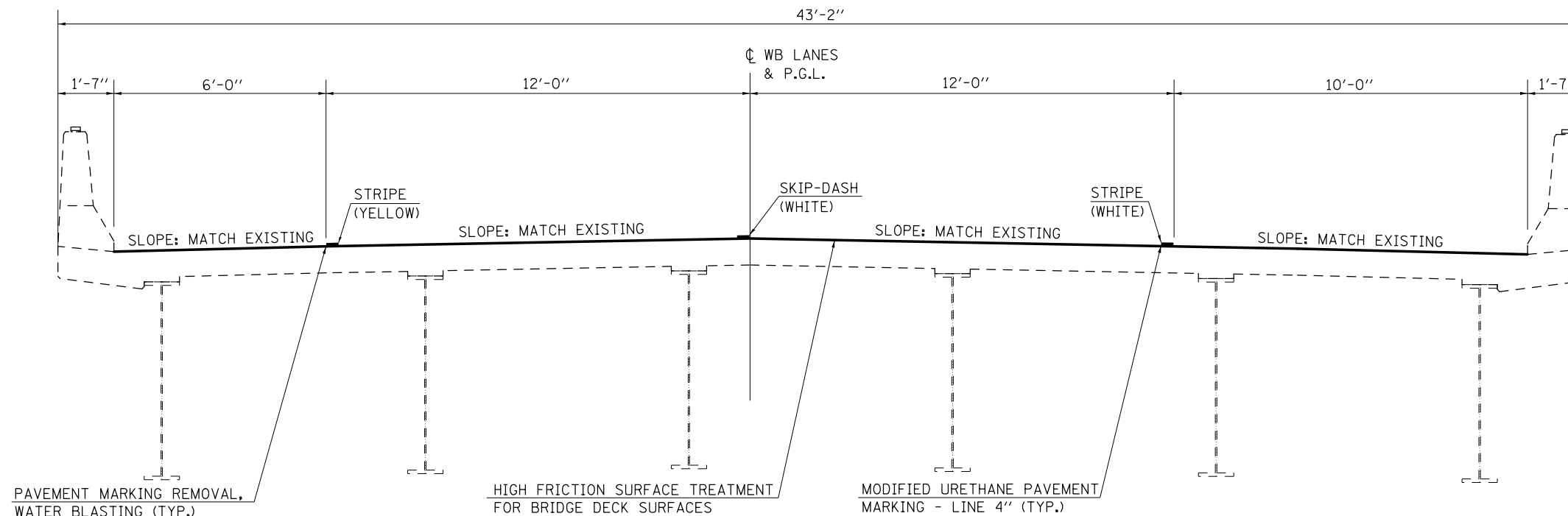
STATION	TO	STATION	
1537+68.55		1542+21.05	S. N. 010-0016 (E. B.)
1537+68.55		1542+21.05	S. N. 010-0017 (W. B.)



1 PROPOSED TYPICAL CROSS SECTION

LOCATION #2

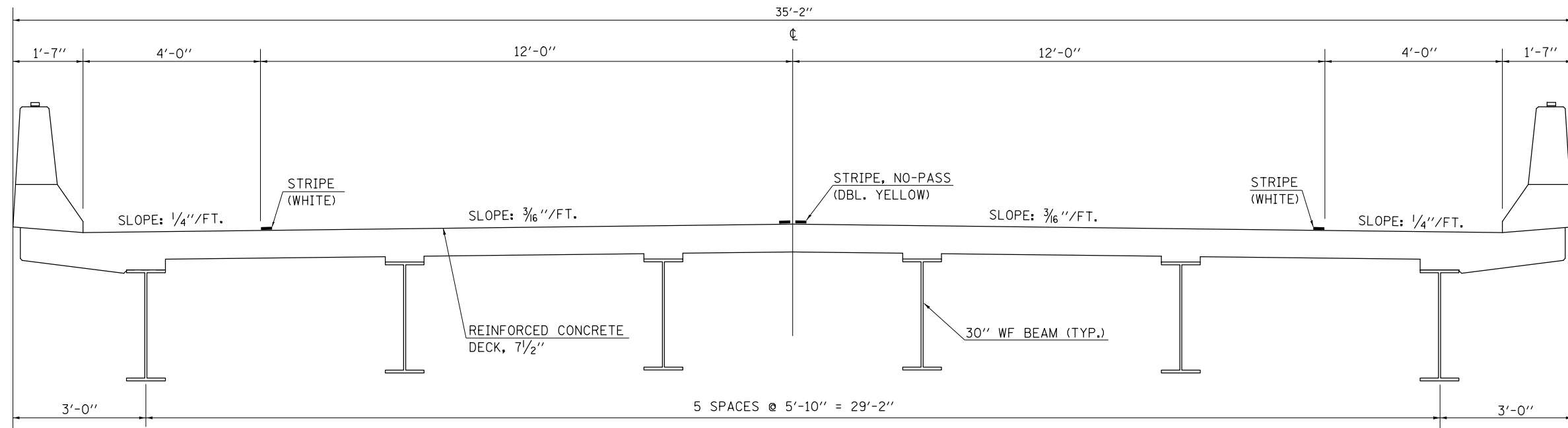
STATION	TO	STATION	
1537+68.55		1542+21.05	S. N. 010-0016 (E. B.)
1537+68.55		1542+21.05	S. N. 010-0017 (W. B.)



A EXISTING TYPICAL CROSS SECTION

LOCATION #3

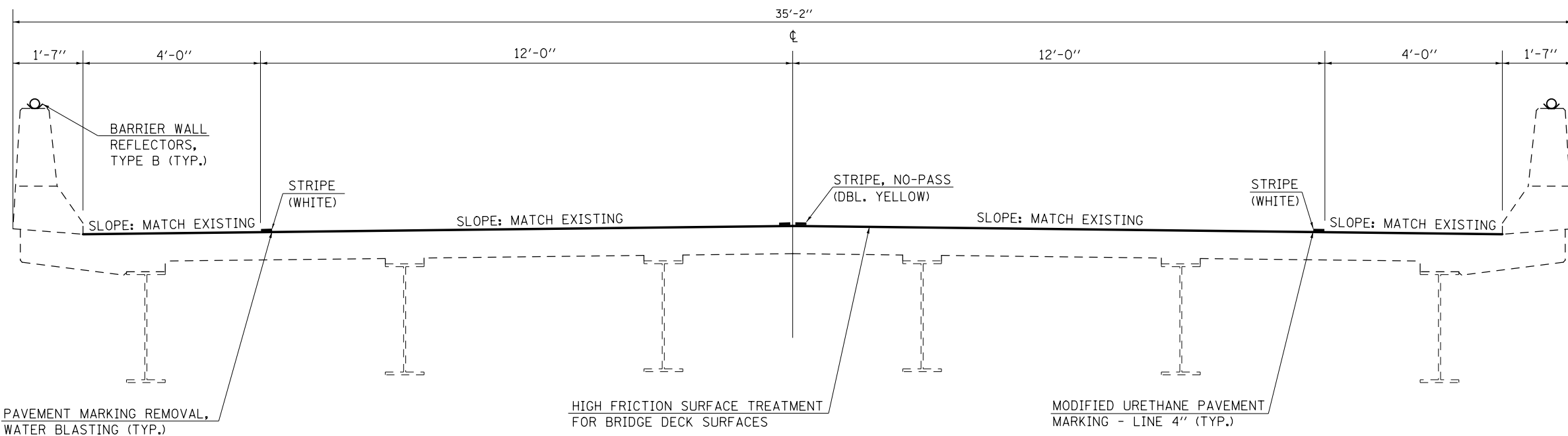
STATION TO STATION
507+73.90 516+07.07 S. N. 010-0040



1 PROPOSED TYPICAL CROSS SECTION

LOCATION #3

STATION TO STATION
507+73.90 516+07.07 S. N. 010-0040



* CHAMPAIGN, DOUGLAS, MCLEAN

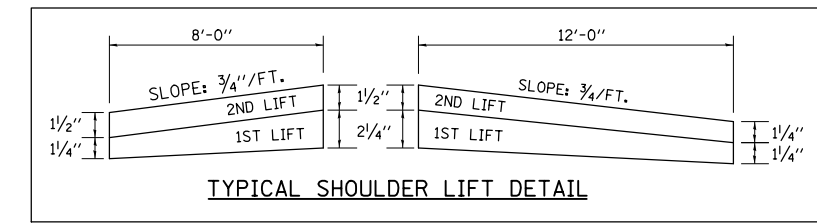
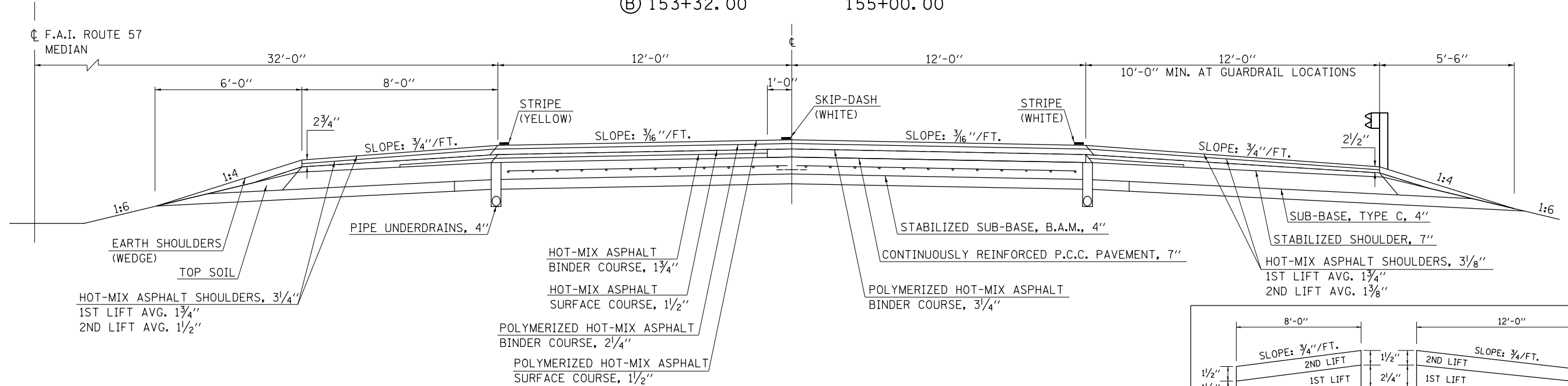
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pw:\IL\084EBIDINTEG.illinois.gov\PWIDOT\Documents\DOT Offices\District 5\Projects\0579\Drawings\Design\070C54-shr-typical.dgn		REVISIONS	REVISED -		SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.	VAR.	(05 HSIP 2017)I	54	13
		CHECKED -	REVISED -		CONTRACT NO. 70C54									
*MODELNAME#	PLOT DATE = 10/18/2017	DATE -	REVISED -		ILLINOIS FED. AID PROJECT									

A EXISTING TYPICAL CROSS SECTION

NOTE:
TYPICAL CROSS SECTION APPLIES TO BOTH THE
NORTHBOUND AND SOUTHBOUND DIRECTIONS.

LOCATION #4

STATION TO STATION
149+00.00 151+12.00 (B)
(B) 153+32.00 155+00.00

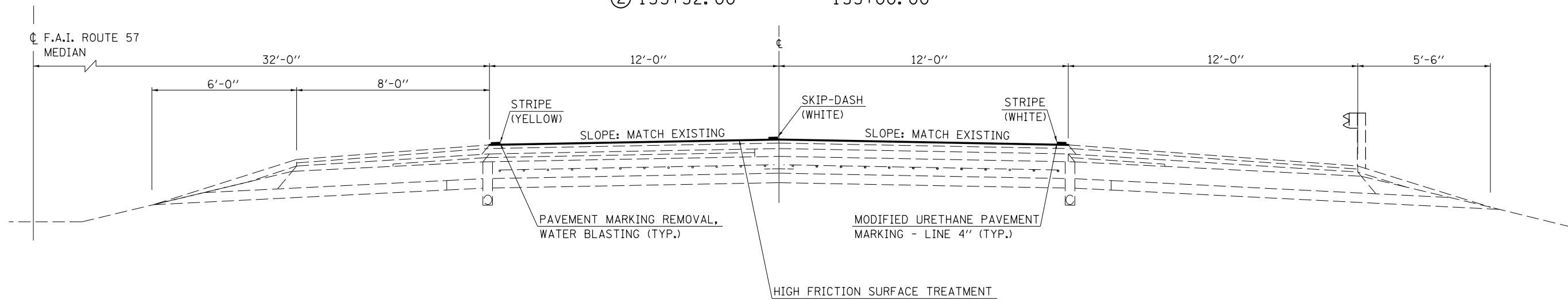


1 PROPOSED TYPICAL CROSS SECTION

NOTE:
TYPICAL CROSS SECTION APPLIES TO BOTH THE
NORTHBOUND AND SOUTHBOUND DIRECTIONS.

LOCATION #4

STATION TO STATION
149+00.00 151+12.00 (2)
(2) 153+32.00 155+00.00



FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
pw:\IL\084EBID\INTEG\Illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\057\CDRAWING\057\Design\070C54-shr-typical.dgn		REVISED -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
MODELNAME	PLOT DATE = 10/18/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTION
LOCATION #4

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	(D5 HSIP 2017)I	*	54	14
CONTRACT NO. 70C54				
ILLINOIS FED. AID PROJECT				

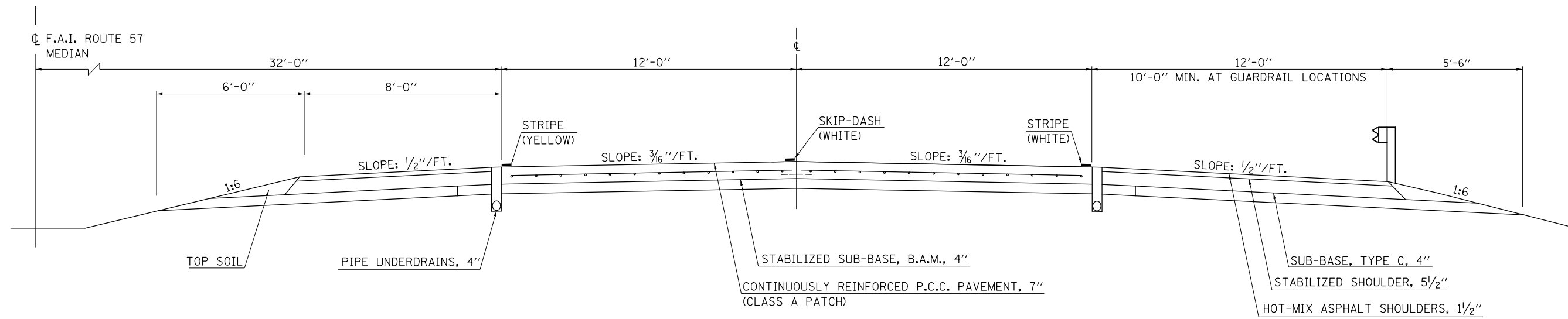
* CHAMPAIGN, DOUGLAS, MCLEAN

(B) EXISTING TYPICAL CROSS SECTION

LOCATION #4

STATION TO STATION
 (A) 151+12.00 153+32.00 (A)

NOTE:
 TYPICAL CROSS SECTION APPLIES TO BOTH THE
 NORTHBOUND AND SOUTHBOUND DIRECTIONS.

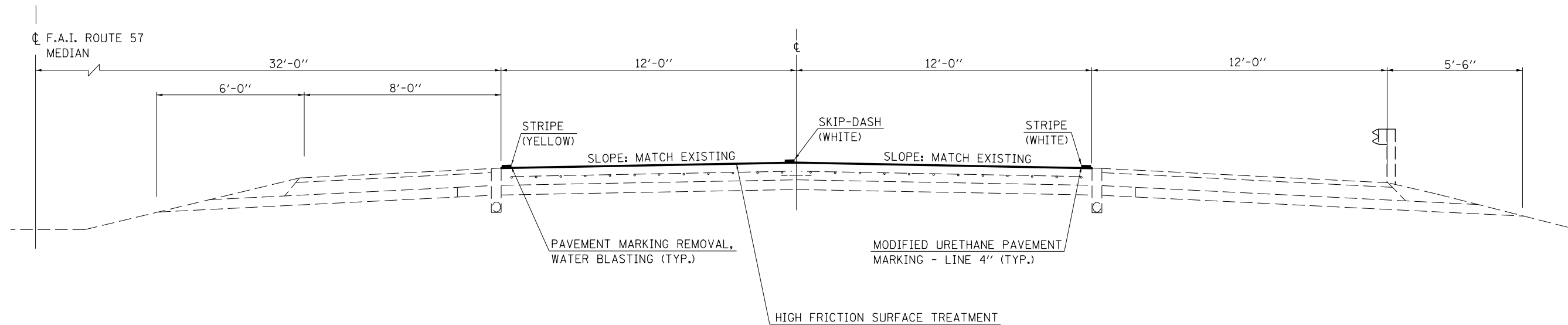


(2) PROPOSED TYPICAL CROSS SECTION

LOCATION #4

STATION TO STATION
 (1) 151+12.00 153+32.00 (1)

NOTE:
 TYPICAL CROSS SECTION APPLIES TO BOTH THE
 NORTHBOUND AND SOUTHBOUND DIRECTIONS.



FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
p:\1\084EBID\INTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\057\DRAWING\Design\070C54-shr-typical.dgn		CHECKED -	REVISED -
		DATE -	REVISED -
MODELNAME	PLOT DATE = 10/18/2017		

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTION			
LOCATION #4			
SCALE:	SHEET 2	OF 2 SHEETS	STA. TO STA.

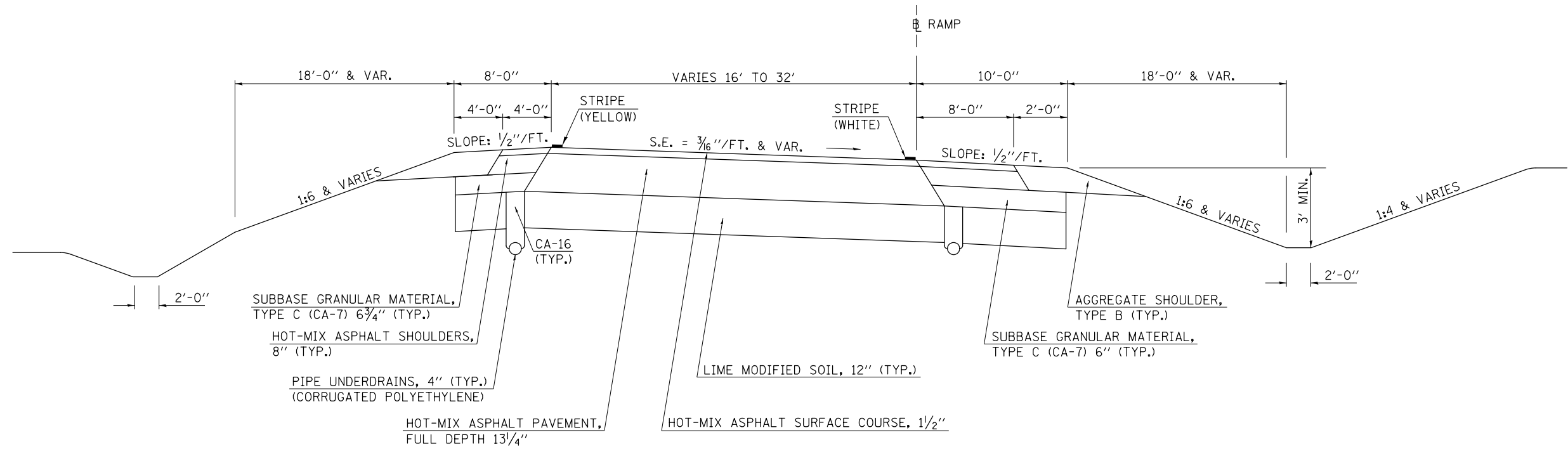
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	(D5 HSIP 2017)I	*	54	15
CONTRACT NO. 70C54				
ILLINOIS FED. AID PROJECT				

* CHAMPAIGN, DOUGLAS, MCLEAN

A EXISTING TYPICAL CROSS SECTION

LOCATION #5

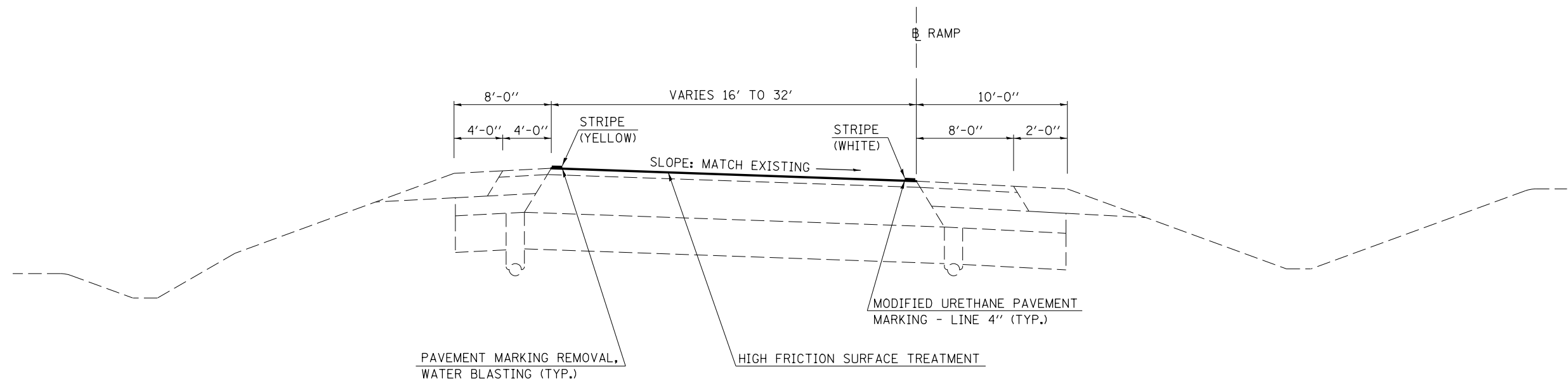
STATION TO STATION
120+36.00 124+00.00



1 PROPOSED TYPICAL CROSS SECTION

LOCATION #5

STATION TO STATION
120+36.00 124+00.00



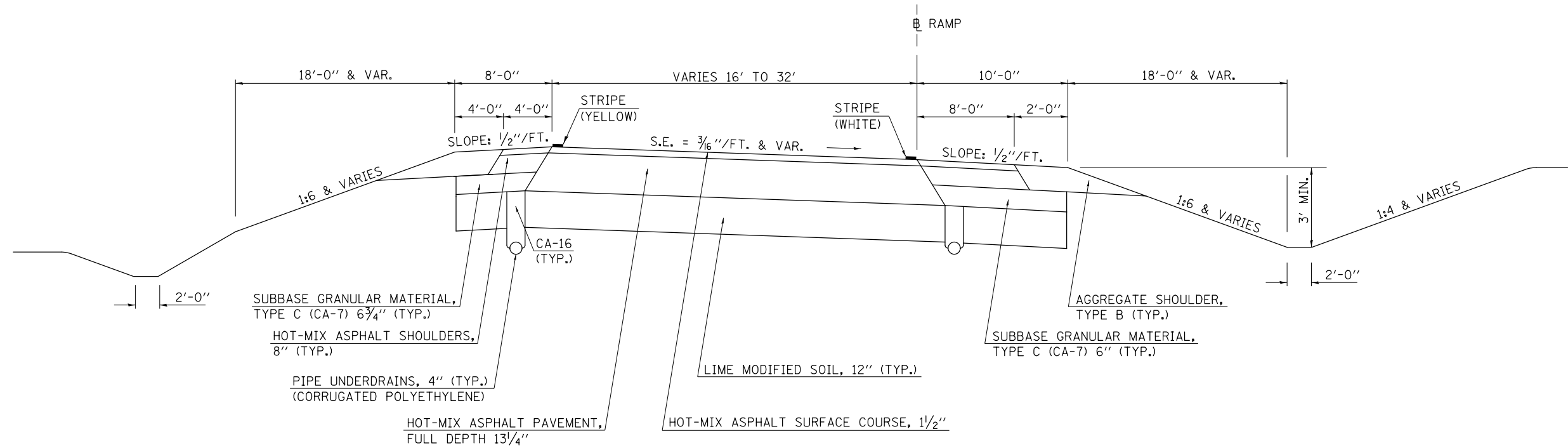
* CHAMPAIGN, DOUGLAS, MCLEAN

FILE NAME =	USER NAME = ceorlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTION LOCATION #5			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\057\CDRAWING\Design\070C54-shr-typical.dgn		REVISOR -	REVISED -		SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.	VAR.	(05 HSIP 2017)I	54	16
		CHECKED -	REVISED -		CONTRACT NO. 70C54									
MODELNAME	PLOT DATE = 10/18/2017	DATE -	REVISED -		ILLINOIS FED. AID PROJECT									

A EXISTING TYPICAL CROSS SECTION

LOCATION #6

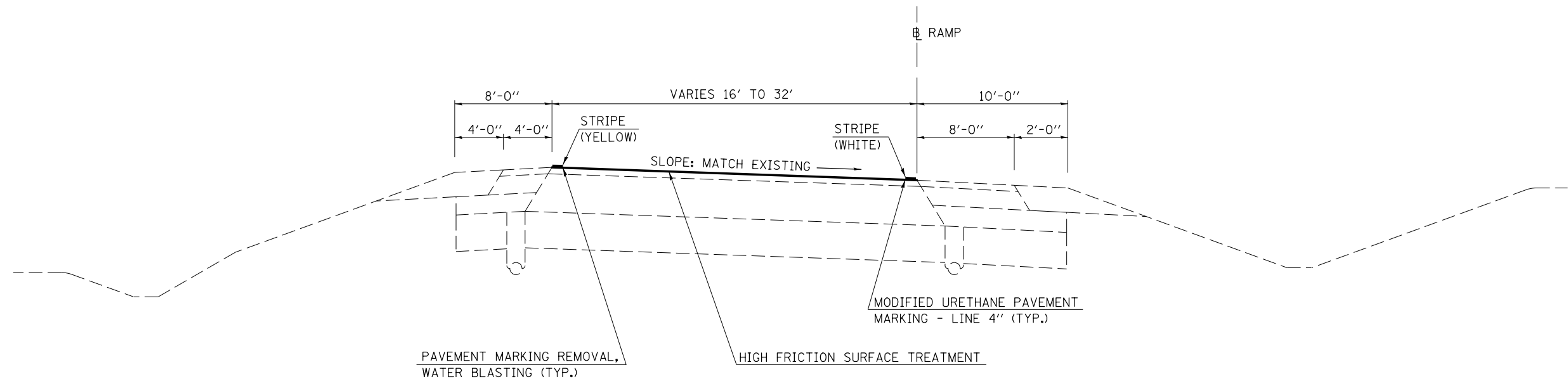
STATION TO STATION
312+00.00 316+00.00



1 PROPOSED TYPICAL CROSS SECTION

LOCATION #6

STATION TO STATION
312+00.00 316+00.00



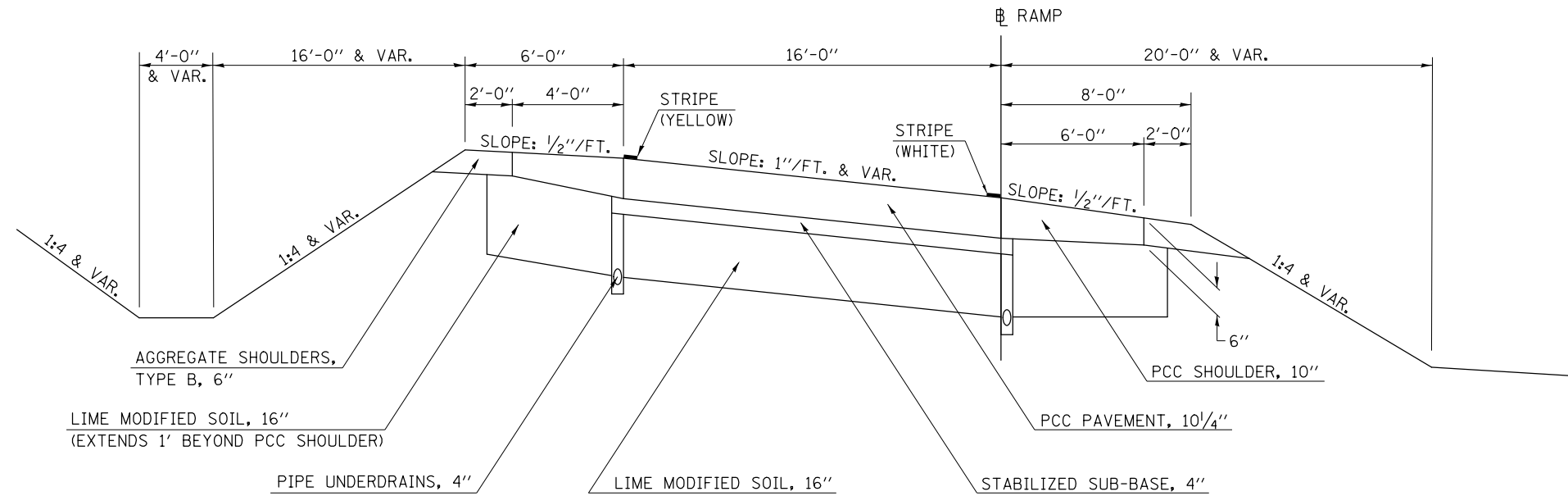
* CHAMPAIGN, DOUGLAS, MCLEAN

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTION LOCATION #6			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\057\CDRAWING\Design\070C54-shr-typical.dgn		CHECKED -	REVISED -		SCALE:	SHEET 1	OF 1 SHEETS	STA.	TO STA.	VAR.	(05 HSIP 2017)I	54	17
#MODELNAME#	PLOT DATE = 10/18/2017	DATE -	REVISED -					CONTRACT NO. 70C54			ILLINOIS FED. AID PROJECT		

A EXISTING TYPICAL CROSS SECTION

LOCATION #7

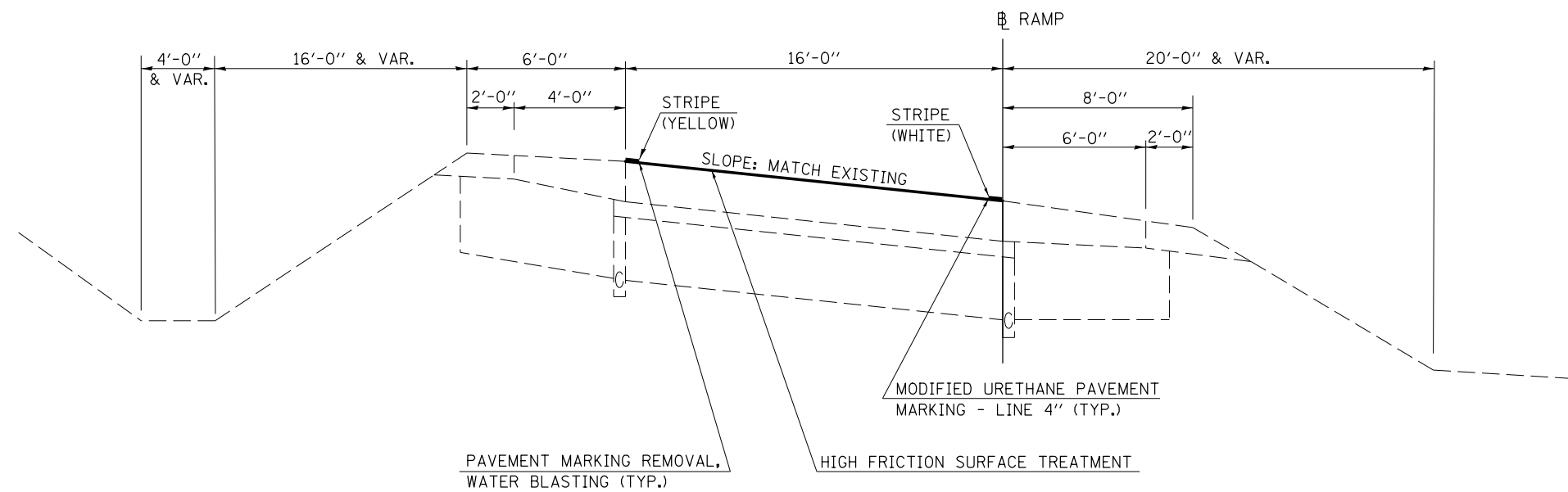
STATION TO STATION
5+00.00 36+70.00



1 PROPOSED TYPICAL CROSS SECTION

LOCATION #7

STATION TO STATION
5+00.00 36+70.00



* CHAMPAIGN, DOUGLAS, MCLEAN

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTION LOCATION #7	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0573\Drawings\Design\070C54-shr-typical.dgn						(D5 HSIP 2017)I	*	54	18				
PLOT SCALE = 40.0000' / in.						CONTRACT NO. 70C54							
*MODELNAME#						ILLINOIS FED. AID PROJECT							
PLOT DATE = 10/18/2017				DATE -				REVISED -				SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.	

SCHEDULE OF QUANTITIES

SHEET 1 OF 3

CLASS A PATCHING SCHEDULE, 8"

LOCATION #4 FAI - 57		STATION	LENGTH (FT)	WIDTH (FT)	44200529 TYPE II, 8" (SQ YD)	44200533 TYPE III, 8" (SQ YD)	44200535 TYPE IV, 8" (SQ YD)	44213200 SAW CUTS (FT)	44213204 TIE BARS 3/4" (EACH)	44213000 PATCHING REINFORCEMENT (SQ YD)
N.B.	D.L.	149+55.00	12.0	12.0		16.00		72.0		16.00
N.B.	D.L.	150+43.00	6.0	12.0	8.00			60.0		8.00
N.B.	D.L.	150+56.00	6.0	12.0	8.00			60.0		8.00
N.B.	P.L.	151+18.00	6.0	12.0	8.00			60.0		8.00
N.B.	D.L.	151+28.00	6.0	12.0	8.00			60.0		8.00
N.B.	P.L.	151+36.00	6.0	12.0	8.00			60.0		8.00
N.B.	P.L.	151+93.00	12.0	12.0		16.00		72.0		16.00
N.B.	P.L.	152+10.00	8.0	12.0	10.70			64.0		10.70
N.B.	P.L.	152+32.00	16.0	12.0		21.30		80.0		21.30
N.B.	D.L.	152+45.00	6.0	12.0	8.00			60.0		8.00
N.B.	D.L.	152+58.00	6.0	12.0	8.00			60.0		8.00
N.B.	P.L.	152+58.00	6.0	12.0	8.00			60.0		8.00
N.B.	D.L.	152+70.00	25.0	12.0			33.30	98.0	13.0	33.30
N.B.	P.L.	152+70.00	25.0	12.0			33.30	98.0		33.30
N.B.	D.L.	153+80.00	6.0	12.0	8.00			60.0		8.00
S.B.	D.L.	MISC.	6.0	12.0	8.00			60.0		8.00
S.B.	D.L.	MISC.	6.0	12.0	8.00			60.0		8.00
S.B.	P.L.	MISC.	6.0	12.0	8.00			60.0		8.00
S.B.	P.L.	MISC.	6.0	12.0	8.00			60.0		8.00
TOTAL =					114.70	53.30	66.60	1264.0	13.0	234.60
USE =					115.00	54.00	67.00	1264.0	13.0	235.00
					SQ YD	SQ YD	SQ YD	FT	EACH	SQ YD

NOTES:

THE DEPTH OF THE PAVEMENT UNDER S.N. 021-0041 VARIES FROM 7" TO 9" BECAUSE OF THE HMA RUN-DOWN FOR VERTICAL CLEARANCE UNDER THE STRUCTURE. TO ACCOUNT FOR THE VARIOUS THICKNESSES, AN AVERAGE PATCH DEPTH OF 8" WAS USED.

CLASS B PATCHING SCHEDULE, 10"

LOCATION #7 FAI - 74		STATION	LENGTH (FT)	WIDTH (FT)	44200970 TYPE II, 10" (SQ YD)	44200974 TYPE III, 10" (SQ YD)	44200976 TYPE IV, 10" (SQ YD)	44213200 SAW CUTS (FT)	44201299 DOWEL BARS 1-1/2" (EACH)	44201299 WELDED WIRE REINFORCEMENT (SQ YD)
E.B.	RAMP	5+75.00	6.0	16.0	10.67			66.0	28.0	
E.B.	RAMP	6+50.00	6.0	16.0	10.67			66.0	28.0	
E.B.	RAMP	6+75.00	6.0	16.0	10.67			66.0	28.0	
E.B.	RAMP	7+00.00	6.0	16.0	10.67			66.0	28.0	
E.B.	RAMP	7+50.00	6.0	16.0	10.67			66.0	28.0	
E.B.	RAMP	7+75.00	6.0	16.0	10.67			66.0	28.0	
E.B.	RAMP	8+50.00	6.0	16.0	10.67			66.0	28.0	
E.B.	RAMP	9+50.00	6.0	16.0	10.67			66.0	28.0	
E.B.	RAMP	16+10.00	6.0	16.0	10.67			66.0	28.0	
E.B.	RAMP	17+50.00	6.0	16.0	10.67			66.0	28.0	
E.B.	RAMP	18+00.00	6.0	16.0	10.67			66.0	28.0	
E.B.	RAMP	18+20.00	6.0	16.0	10.67			66.0	28.0	
E.B.	RAMP	18+60.00	6.0	16.0	10.67			66.0	28.0	
E.B.	RAMP	18+75.00	6.0	16.0	10.67			66.0	28.0	
E.B.	RAMP	19+10.00	6.0	16.0	10.67			66.0	28.0	
E.B.	RAMP	19+25.00	6.0	16.0	10.67			66.0	28.0	
E.B.	RAMP	19+50.00	6.0	16.0	10.67			66.0	28.0	
E.B.	RAMP	19+75.00	6.0	16.0	10.67			66.0	28.0	
E.B.	RAMP	20+15.00	6.0	16.0	10.67			66.0	28.0	
E.B.	RAMP	30+85.00	15.0	16.0			26.70	93.0	28.0	26.70
E.B.	RAMP	MISC.	6.0	16.0	10.67			66.0	28.0	
E.B.	RAMP	MISC.	6.0	16.0	10.67			66.0	28.0	
E.B.	RAMP	MISC.	6.0	16.0	10.67			66.0	28.0	
E.B.	RAMP	MISC.	6.0	16.0	10.67			66.0	28.0	
E.B.	RAMP	MISC.	15.0	16.0			26.70	93.0	28.0	26.70
E.B.	RAMP	MISC.	12.0	16.0		21.30		84.0	28.0	21.30
E.B.	RAMP	MISC.	12.0	16.0		21.30		84.0	28.0	21.30
TOTAL =					245.41	42.60	53.40	1872.0	756.0	96.00
USE =					246.00	43.00	54.00	1872.0	756.0	96.00
					SQ YD	SQ YD	SQ YD	FT	EACH	SQ YD

X0327980 PAVEMENT MARKING REMOVAL - WATER BLASTING

LOCATION			STATION	TO	STATION	LENGTH (FT)	QUANTITY (SQ FT)
LOCATION #1	E.B.	C.L.	1783+23.18		1786+71.00	100.00	33.33
LOCATION #1	E.B.	D.L.	1783+23.18		1786+71.00	347.82	115.94
LOCATION #1	E.B.	P.L.	1783+23.18		1786+71.00	347.82	115.94
LOCATION #1	W.B.	C.L.	1782+34.55		1785+79.03	100.00	33.33
LOCATION #1	W.B.	D.L.	1782+34.55		1785+79.03	344.48	114.83
LOCATION #1	W.B.	P.L.	1782+34.55		1785+79.03	344.48	114.83
SUB-TOTAL #1 =							528.20
LOCATION #2	E.B.	C.L.	1537+68.55		1542+21.05	130.00	43.33
LOCATION #2	E.B.	D.L.	1537+68.55		1542+21.05	452.50	150.83
LOCATION #2	E.B.	P.L.	1537+68.55		1542+21.05	452.50	150.83
LOCATION #2	W.B.	C.L.	1537+68.55		1542+21.05	130.00	43.33
LOCATION #2	W.B.	D.L.	1537+68.55		1542+21.05	452.50	150.83
LOCATION #2	W.B.	P.L.	1537+68.55		1542+21.05	452.50	150.83
SUB-TOTAL #2 =							690.00
LOCATION #3	E.B.	C.L.	507+73.90		516+07.07	1666.34	555.45
LOCATION #3	E.B.	D.L.	507+73.90		516+07.07	833.17	277.72
LOCATION #3	W.B.	D.L.	507+73.90		516+07.07	833.17	277.72
SUB-TOTAL #3 =							1110.89
LOCATION #4	N.B.	C.L.	149+00.00		155+00.00	160.00	53.33
LOCATION #4	N.B.	D.L.	149+00.00		155+00.00	600.00	200.00
LOCATION #4	N.B.	P.L.	149+00.00		155+00.00	600.00	200.00
LOCATION #4	S.B.	C.L.	149+00.00		155+00.00	160.00	53.33
LOCATION #4	S.B.	D.L.	149+00.00		155+00.00	600.00	200.00
LOCATION #4	S.B.	P.L.	149+00.00		155+00.00	600.00	200.00
SUB-TOTAL #4 =							906.67
LOCATION #5	RT.	EOP	120+36.00		124+00.00	364.00	121.33
LOCATION #5	LT.	EOP	120+36.00		124+00.00	364.00	121.33
SUB-TOTAL #5 =							242.67
LOCATION #6	RT.	EOP	312+00.00		316+00.00	400.00	133.33
LOCATION #6	LT.	EOP	312+00.00		316+00.00	400.00	133.33
SUB-TOTAL #6 =							266.67
LOCATION #7	RT.	EOP	5+00.00		36+70.00	3170.00	1056.67
LOCATION #7	LT.	EOP	5+00.00		36+70.00	3170.00	1056.67
SUB-TOTAL #7 =							2113.33
TOTAL =							5858.43
USE =							5859.00
							SQ FT

70300100 SHORT TERM PAVEMENT MARKING

70301000 WORK ZONE PAVEMENT MARKING REMOVAL

LOCATION			STATION	TO	STATION	70300100 QUANTITY (FT)	70301000 QUANTITY (SQ FT)	
LOCATION #4	N.B.	RT.	EOP	149+00.00		155+00.00	28.00	9.33
LOCATION #4	N.B.	LT.	EOP	149+00.00		155+00.00	28.00	9.33
LOCATION #4	S.B.	RT.	EOP	149+00.00		155+00.00	28.00	9.33
LOCATION #4	S.B.	LT.	EOP	149+00.00		155+00.00	28.00	9.33
TOTAL =							112.00	37.33
USE =							112.00	38.00
							FT	SQ FT

NOTE:

SHORT TERM PAVEMENT MARKINGS SHALL BE PLACED ALONG THE EDGE OF PAVEMENT AT LOCATION #4 PER ARTICLE 703.04.

• CHAMPAIGN, DOUGLAS, MCLEAN

SCHEDULE OF QUANTITIES

SHEET 2 OF 3

X7810400 TEMPORARY RAISED PAVEMENT MARKER

LOCATION	STATION	TO	STATION	QUANTITY (EACH)	TYPE	
LOCATION #1	E.B.	C.L.	1783+23.18	1786+71.00	20.00	WHITE 1-WAY
LOCATION #1	W.B.	C.L.	1782+34.55	1785+79.03	20.00	WHITE 1-WAY
				SUB-TOTAL #1 =	40.00	
LOCATION #2	E.B.	C.L.	1537+68.55	1542+21.05	26.00	WHITE 1-WAY
LOCATION #2	W.B.	C.L.	1537+68.55	1542+21.05	26.00	WHITE 1-WAY
				SUB-TOTAL #2 =	52.00	
LOCATION #3	E.B.	C.L.	507+73.90	516+07.07	44.00	AMBER 2-WAY
				SUB-TOTAL #3 =	44.00	
LOCATION #4	N.B.	C.L.	149+00.00	155+00.00	32.00	WHITE 1-WAY
LOCATION #4	S.B.	C.L.	149+00.00	155+00.00	32.00	WHITE 1-WAY
				SUB-TOTAL #4 =	64.00	
LOCATION #5	RT.	EOP	120+36.00	124+00.00	74.00	WHITE 1-WAY
LOCATION #5	LT.	EOP	120+36.00	124+00.00	74.00	YELLOW 1-WAY
				SUB-TOTAL #5 =	148.00	
LOCATION #6	RT.	EOP	312+00.00	316+00.00	81.00	WHITE 1-WAY
LOCATION #6	LT.	EOP	312+00.00	316+00.00	81.00	YELLOW 1-WAY
				SUB-TOTAL #6 =	162.00	
LOCATION #7	RT.	EOP	5+00.00	36+70.00	635.00	WHITE 1-WAY
LOCATION #7	LT.	EOP	5+00.00	36+70.00	635.00	YELLOW 1-WAY
				SUB-TOTAL #7 =	1270.00	
				TOTAL =	1780.00	
					EACH	

HIGH FRICTION SURFACE TREATMENT OPERATIONS

LOCATION	STATION	TO	STATION	LENGTH (FT)	AVERAGE WIDTH (FT)	X0327693 HIGH FRICTION SURFACE TREATMENT (SQ YD)	X1000002 HIGH FRICTION SURFACE TREATMENT FOR BRIDGE DECK SURFACES (SQ YD)	X4510050 HIGH FRICTION SURFACE TREATMENT CRACK FILLING (FOOT)
LOCATION #1	E.B.	**	1783+23.18	1786+71.00	347.82	38.18	1475.52	115.00
LOCATION #1	W.B.	**	1782+34.55	1785+79.03	344.48	38.14	1459.71	112.00
				SUB-TOTAL #1 =			2935.23	227.00
LOCATION #2	E.B.	**	1537+68.55	1542+21.05	452.50	44.81	2253.02	122.00
LOCATION #2	W.B.	**	1537+68.55	1542+21.05	452.50	39.98	2009.91	86.00
				SUB-TOTAL #2 =			4262.93	208.00
LOCATION #3		**	507+73.90	516+07.07	833.17	32.24	2984.63	0.00
				SUB-TOTAL #3 =			2984.63	0.00
LOCATION #4	N.B.	D.L.	149+00.00	155+00.00	600.00	12.00	800.00	240.00
LOCATION #4	N.B.	P.L.	149+00.00	155+00.00	600.00	12.00	800.00	240.00
LOCATION #4	S.B.	D.L.	149+00.00	155+00.00	600.00	12.00	800.00	240.00
LOCATION #4	S.B.	P.L.	149+00.00	155+00.00	600.00	12.00	800.00	240.00
				SUB-TOTAL #4 =		3200.00		960.00
LOCATION #5	W.B. OFF-RAMP		120+36.00	122+00.00	164.00	16.50	300.67	140.00
LOCATION #5	W.B. OFF-RAMP		122+00.00	124+00.00	200.00	20.50	455.56	270.00
				SUB-TOTAL #5 =			756.22	410.00
LOCATION #6	E.B. OFF-RAMP		312+00.00	316+00.00	400.00	24.00	1066.67	480.00
				SUB-TOTAL #6 =			1066.67	480.00
LOCATION #7	E.B. OFF-RAMP		5+00.00	36+70.00	3170.00	16.00	5635.56	1700.00
				SUB-TOTAL #7 =			5635.56	1700.00
				TOTAL =		10658.44	10182.79	3985.00
				USE =		10659.00	10184.00	3985.00
						SQ YD	SQ YD	FOOT

** NOTE:
SEE BRIDGE PLANS

X2700001 TEMPORARY RUMBLE STRIPS (SPECIAL)

LOCATION	STRUCTURE AND / OR PATCHING OPERATIONS (EACH)	HIGH FRICTION SURFACE TREATMENT OPERATIONS (EACH)	TOTAL QUANTITY (EACH)
LOCATION #1	E.B.	8.0	8.0
LOCATION #1	W.B.	8.0	8.0
		SUB-TOTAL #1 =	32.0
LOCATION #2	E.B.	8.0	8.0
LOCATION #2	W.B.	8.0	8.0
		SUB-TOTAL #2 =	16.0
LOCATION #4	N.B.	8.0	8.0
LOCATION #4	S.B.	8.0	8.0
		SUB-TOTAL #4 =	32.0
		TOTAL =	80.0
			EACH

• CHAMPAIGN, DOUGLAS, MCLEAN

SCHEDULE OF QUANTITIES

SHEET 3 OF 3

78009004 MODIFIED URETHANE PAVEMENT MARKING - LINE 4"

LOCATION	STATION	TO	STATION	LENGTH (FT)	COLOR	
LOCATION #1	E.B.	C.L.	1783+23.18	1786+71.00	100.00	WHITE
LOCATION #1	E.B.	D.L.	1783+23.18	1786+71.00	347.82	WHITE
LOCATION #1	E.B.	P.L.	1783+23.18	1786+71.00	347.82	YELLOW
LOCATION #1	W.B.	C.L.	1782+34.55	1785+79.03	100.00	WHITE
LOCATION #1	W.B.	D.L.	1782+34.55	1785+79.03	344.48	WHITE
LOCATION #1	W.B.	P.L.	1782+34.55	1785+79.03	344.48	YELLOW
SUB-TOTAL #1 =				1584.60		
LOCATION #2	E.B.	C.L.	1537+68.55	1542+21.05	130.00	WHITE
LOCATION #2	E.B.	D.L.	1537+68.55	1542+21.05	452.50	WHITE
LOCATION #2	E.B.	P.L.	1537+68.55	1542+21.05	452.50	YELLOW
LOCATION #2	W.B.	C.L.	1537+68.55	1542+21.05	130.00	WHITE
LOCATION #2	W.B.	D.L.	1537+68.55	1542+21.05	452.50	WHITE
LOCATION #2	W.B.	P.L.	1537+68.55	1542+21.05	452.50	YELLOW
SUB-TOTAL #2 =				2070.00		
LOCATION #3	E.B.	C.L.	507+73.90	516+07.07	1666.34	YELLOW
LOCATION #3	E.B.	D.L.	507+73.90	516+07.07	833.17	WHITE
LOCATION #3	W.B.	D.L.	507+73.90	516+07.07	833.17	WHITE
SUB-TOTAL #3 =				3332.68		
LOCATION #4	N.B.	C.L.	149+00.00	155+00.00	160.00	WHITE
LOCATION #4	N.B.	D.L.	149+00.00	155+00.00	600.00	WHITE
LOCATION #4	N.B.	P.L.	149+00.00	155+00.00	600.00	YELLOW
LOCATION #4	S.B.	C.L.	149+00.00	155+00.00	160.00	WHITE
LOCATION #4	S.B.	D.L.	149+00.00	155+00.00	600.00	WHITE
LOCATION #4	S.B.	P.L.	149+00.00	155+00.00	600.00	YELLOW
SUB-TOTAL #4 =				2720.00		
LOCATION #5	RT.	EOP	120+36.00	124+00.00	364.00	WHITE
LOCATION #5	LT.	EOP	120+36.00	124+00.00	364.00	YELLOW
SUB-TOTAL #5 =				728.00		
LOCATION #6	RT.	EOP	312+00.00	316+00.00	400.00	WHITE
LOCATION #6	LT.	EOP	312+00.00	316+00.00	400.00	YELLOW
SUB-TOTAL #6 =				800.00		
LOCATION #7	RT.	EOP	5+00.00	36+70.00	3170.00	WHITE
LOCATION #7	LT.	EOP	5+00.00	36+70.00	3170.00	YELLOW
SUB-TOTAL #7 =				6340.00		
TOTAL =				17575.28		
USE =				17576.00		
					FT	

RAISED REFLECTIVE PAVEMENT MARKERS

LOCATION	STATION	TO	STATION	LENGTH (FT)	78100100 RRPM ONE-WAY CRYSTAL QUANTITY (EACH)	78100100 RRPM ONE-WAY AMBER QUANTITY (EACH)	78300200 RRPM REMOVAL QUANTITY (EACH)
LOCATION #4	N.B.	C.L.	149+00.00	155+00.00	600.00	18.0	9.0
LOCATION #4	S.B.	C.L.	149+00.00	155+00.00	600.00	18.0	9.0
LOCATION #5	LT.	EOP	120+36.00	124+00.00	364.00		11.0
LOCATION #6	LT.	EOP	312+00.00	316+00.00	400.00		11.0
LOCATION #7	LT.	EOP	5+00.00	36+70.00	3170.00		81.0
TOTAL =					36.0	103.0	110.0
					EACH	EACH	EACH

X7015005 CHANGEABLE MESSAGE SIGN

LOCATION	1ST PUBLIC NOTIFICATION (**)	2ND PUBLIC NOTIFICATION (**)	ADVANCED WARNING (**)	TOTAL QUANTITY
	(CAL DA)	(CAL DA)	(CAL DA)	(CAL DA)
LOCATION #1	E.B.	7.0	3.0	10.0
LOCATION #1	W.B.	7.0	3.0	10.0
SUB-TOTAL #1 =				20.0
LOCATION #2	E.B.	7.0	4.0	11.0
LOCATION #2	W.B.	7.0	4.0	11.0
SUB-TOTAL #2 =				22.0
LOCATION #4	N.B.	7.0	3.0	10.0
LOCATION #4	S.B.	7.0	3.0	10.0
SUB-TOTAL #4 =				20.0
LOCATION #5	W.B.	3.0	1.0	4.0
SUB-TOTAL #5 =				4.0
LOCATION #6	E.B.	3.0	1.0	4.0
SUB-TOTAL #6 =				4.0
LOCATION #7	N.B.	7.0	7.0	20.0
SUB-TOTAL #7 =				20.0
TOTAL =				90.0
				CAL DA

** NOTE:
SEE SPECIAL PROVISIONS FOR PUBLIC NOTIFICATION
AND ADVANCED WARNING REQUIREMENTS.

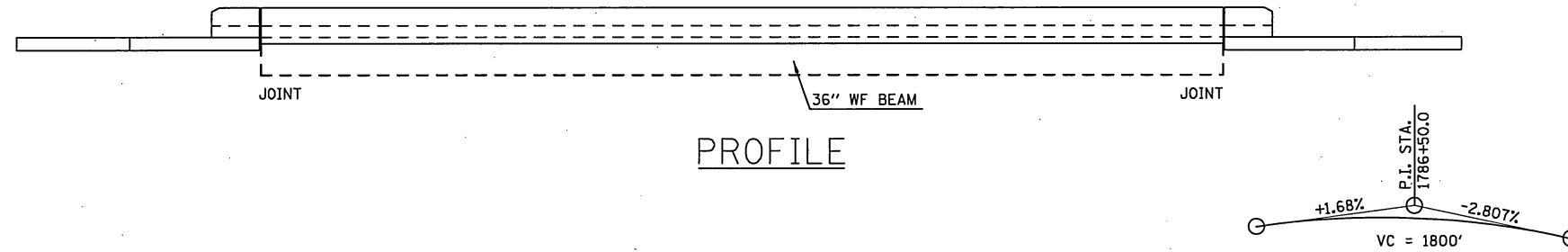
* CHAMPAIGN, DOUGLAS, MCLEAN

STRUCTURES 057-0046 (EB) & 057-0045 (WB) WAS ORIGINALLY BUILT IN 1964 AS FAI ROUTE 74 SECTION 57-18VB AT STATION 1784+51.33 BY THE STATE OF ILLINOIS IN MCLEAN COUNTY. IN 1998, THE STRUCTURE WAS REBUILT AS FAI ROUTE 74, SECTION (57-18)RS-1.VBY AT STATION 54+392.074. THE EXISTING STRUCTURES ARE THREE-SPAN STRUCTURES WITH A BACK-TO-BACK OF ABUTMENT LENGTH OF 233'-0". A CLEAR WITH OF 39'-6" FACE-TO FACE OF PARAPET. THE SUPERSTRUCTURES CONSIST OF SEVEN 36" WF BEAMS SUPPORTING A 7 1/2" REINFORCED CONCRETE DECK. THE SUPERSTRUCTURE IS SUPPORTED BY TWO HAMMERHEAD PIERS AND CONCRETE ABUTMENTS WITH CONCRETE PILES. THE SLOPES ARE PROTECTED WITH CONCRETE SLOPE WALLS.

WORK SHALL BE COMPLETED WITH STAGED CONSTRUCTION.

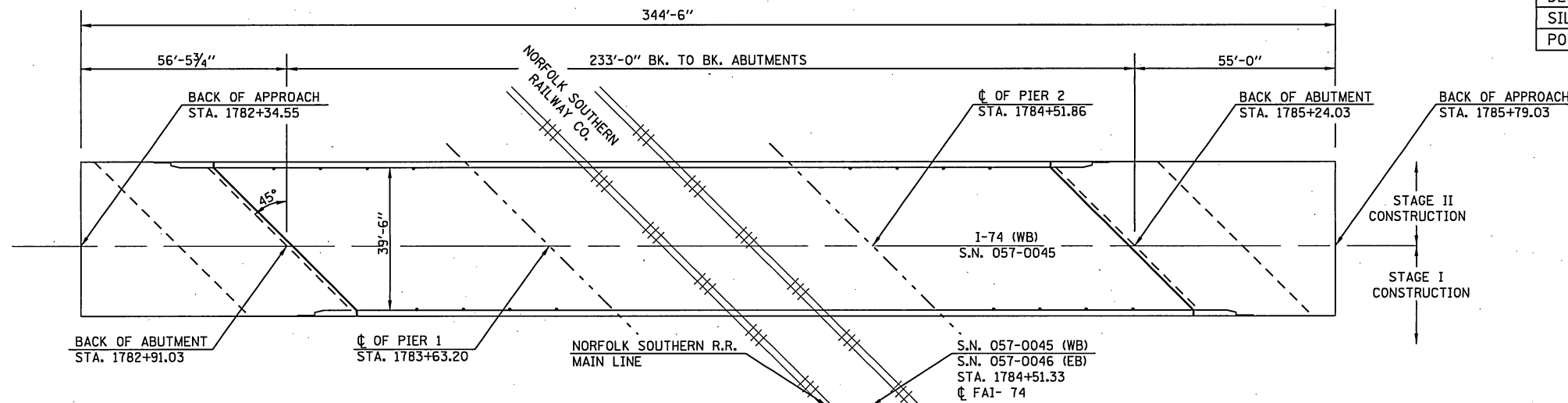
LOCATION ONE

S.N. 057-0046 (EB) & S.N. 057-0045 (WB)



TOTAL BILL OF MATERIALS

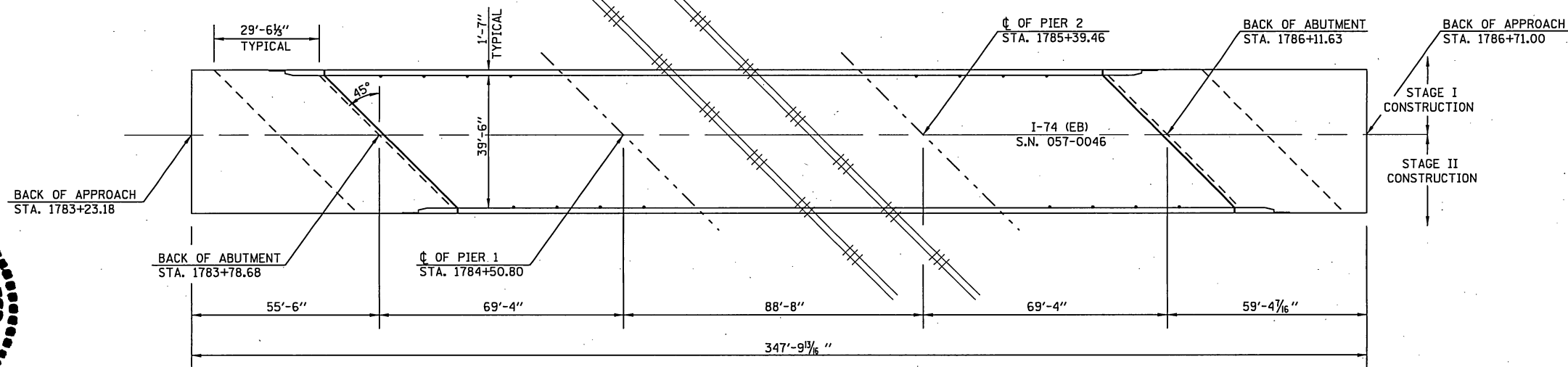
ITEM	UNIT	TOTAL
BARRIER WALL REFLECTORS, TYPE B	SQ YD	16.0
HIGH FRICTION SURFACE TREATMENT FOR BRIDGE DECK SURFACES	SQ YD	2,936.0
HIGH FRICTION SURFACE TREATMENT CRACK FILLING	FOOT	227.0
APPROACH SLAB REPAIR (PARTIAL DEPTH)	SQ YD	25.0
DECK SLAB REPAIR (PARTIAL DEPTH)	SQ YD	1.0
SILICONE JOINT SEALER 2"	FOOT	232.0
POLYMER CONCRETE	CU FT	18.1



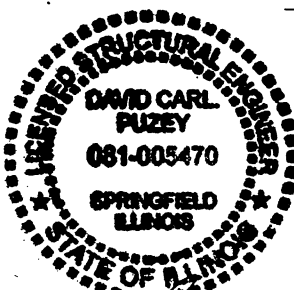
GENERAL NOTES

PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING PLANS ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN SCOPE OF WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.

THE EXISTING BARRIER WALL REFLECTORS SHALL BE REMOVED. THE COST OF THIS WORK SHALL BE INCLUDED IN BARRIER WALL REFLECTORS, TYPE B AND NO ADDITIONAL COST WILL BE ALLOWED.



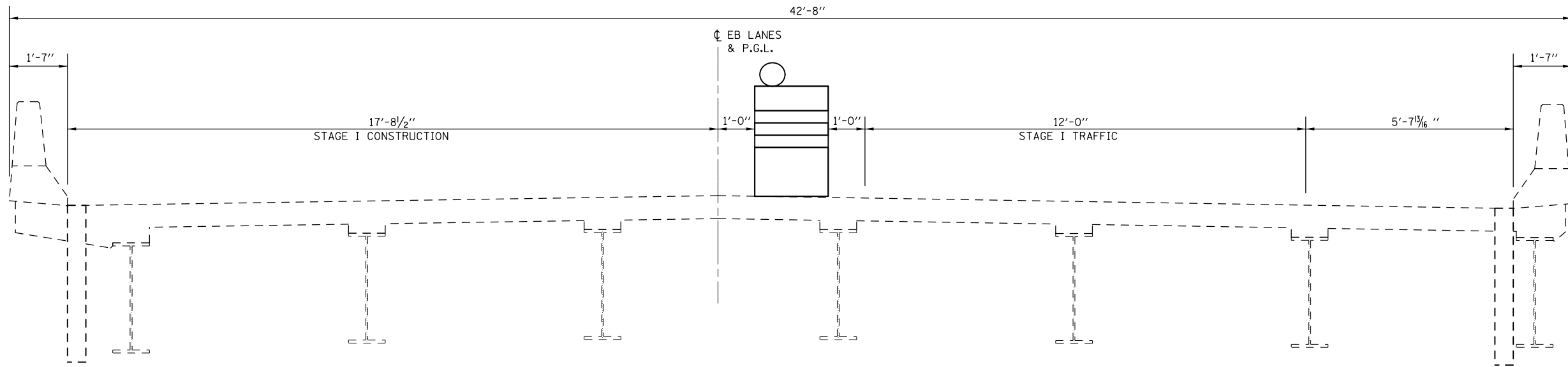
PLAN VIEW



David Carl Puzey 12/8/17
Expires 11/30/18

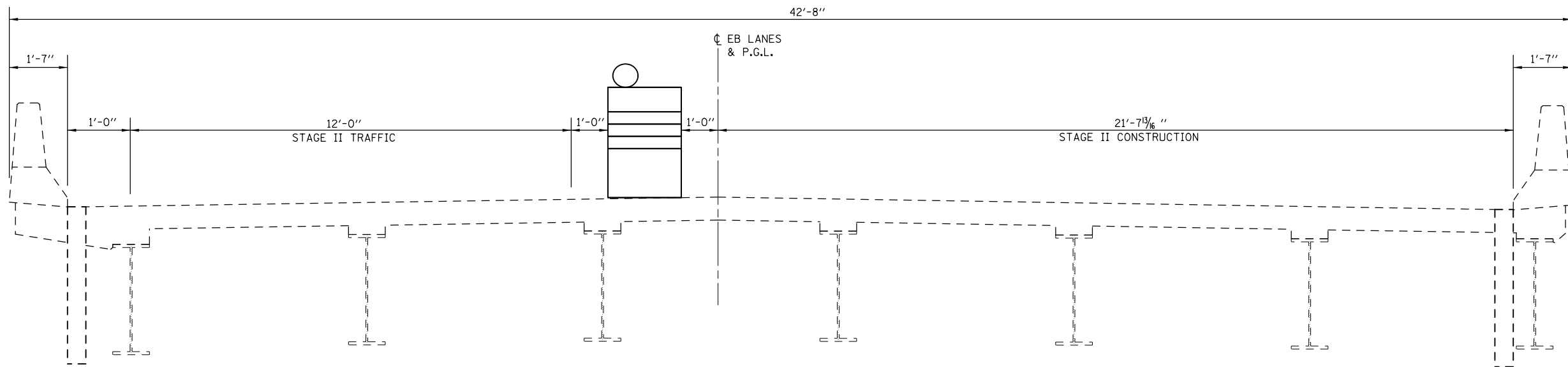
FILE NAME =	USER NAME = ceorlockjd	DESIGNED - ESS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN S.N. 057-0046 (EB) & S.N. 057-0045 (WB)	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
DRAWN Data/EAD/shets/07/05/14.shts.Bridge						CHAMPAIGN, DOUGLAS, MCLEAN	VAR. (05 HSIP 2017)		54	22	
PLOT SCALE = 40.0000 / in.						CONTRACT NO. 70C54		ILLINOIS FED. AID PROJECT			
PLOT DATE = 10/18/2017		DATE -		SCALE:		SHEET 1 OF 6 SHEETS		STA. TO STA.			

STAGE I CONSTRUCTION S.N. 057-0046 (EB)



LOOKING EAST (Direction of Traffic)

STAGE II CONSTRUCTION S.N. 057-0046 (EB)



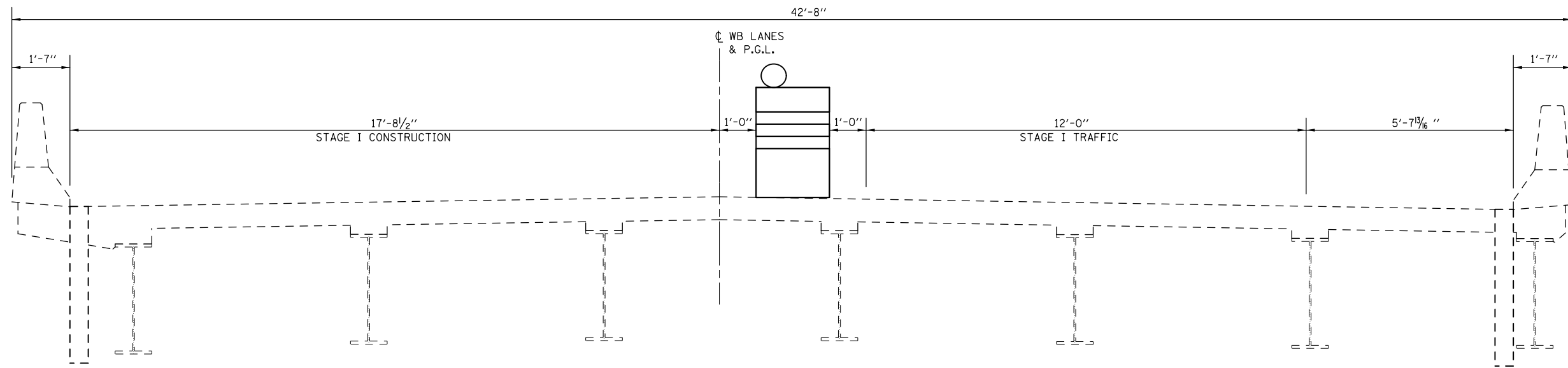
LOOKING EAST (Direction of Traffic)

* CHAMPAIGN, DOUGLAS, MCLEAN

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE CONSTRUCTION DETAIL S.N. 057-0046 (EB)	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT SCALE = 40.0000' / in.						REVISED -	CONTRACT NO. 70C54				
PLOT DATE = 10/18/2017						REVISED -	ILLINOIS FED. AID PROJECT				

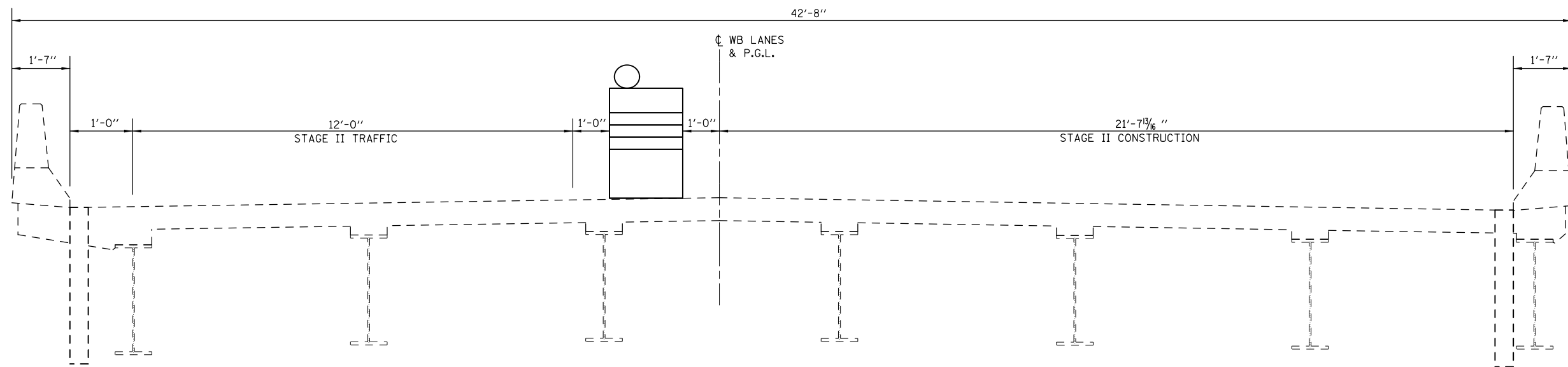
SCALE: SHEET 2 OF 6 SHEETS STA. TO STA.

STAGE I CONSTRUCTION S.N. 057-0045 (WB)



LOOKING WEST (Direction of Traffic)

STAGE II CONSTRUCTION S.N. 057-0045 (WB)



LOOKING WEST (Direction of Traffic)

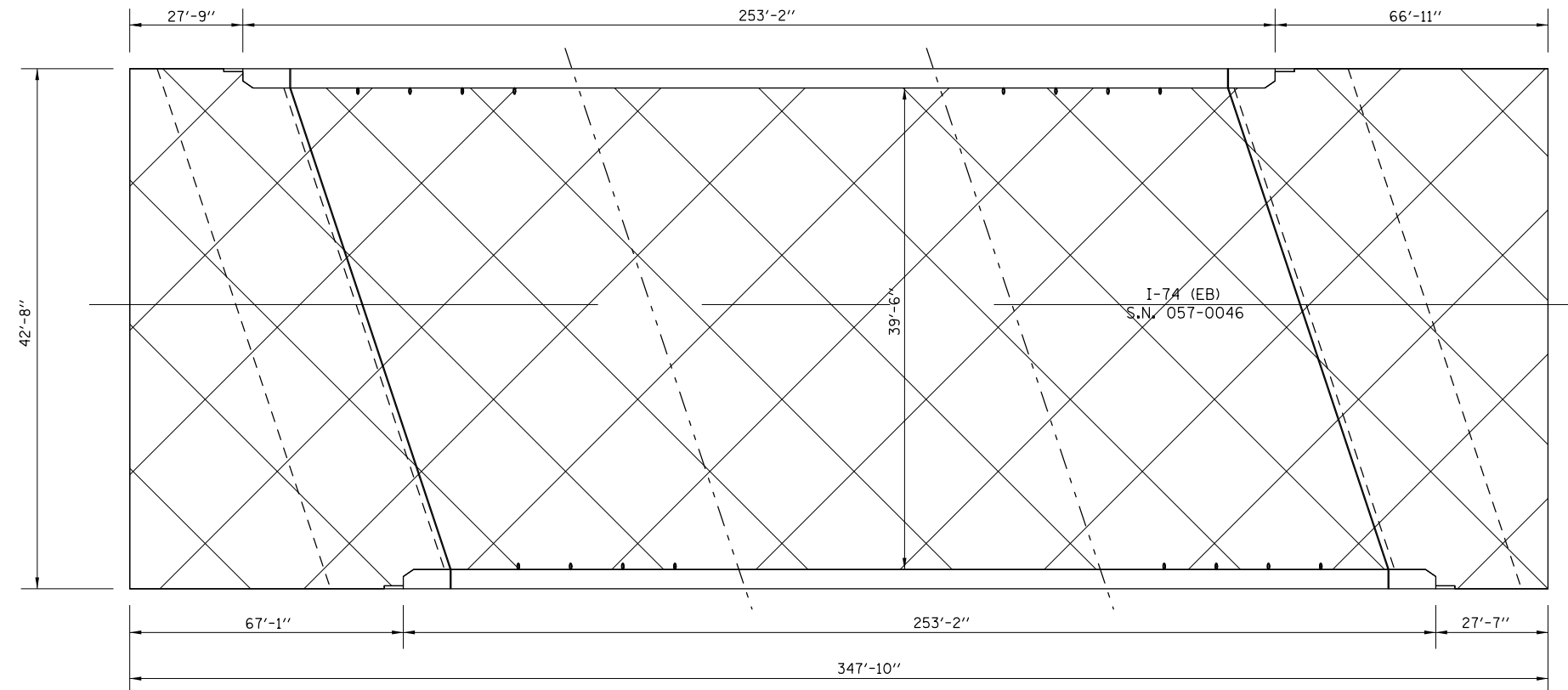
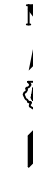
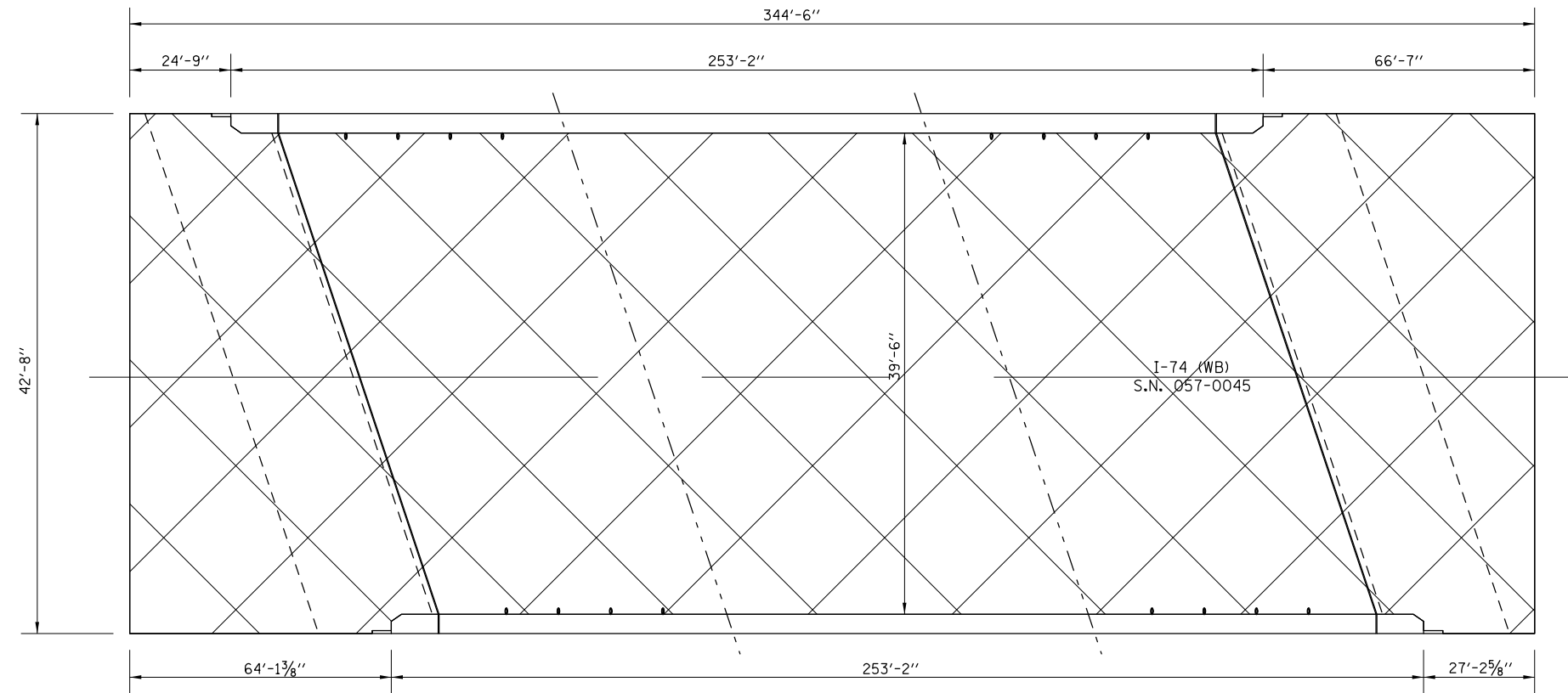
* CHAMPAIGN, DOUGLAS, MCLEAN

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE CONSTRUCTION DETAIL S.N. 057-0045 (WB)	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 5\Projects\0570045\Drawings\EA0\Sheets\070C54.shts.Bridge						REVISED -	VAR.	(D5 HSIP 2017)I	•	54	24
PLOT SCALE = 40.0000' / in.						REVISED -	CONTRACT NO. 70C54				
PLOT DATE = 10/18/2017						REVISED -	ILLINOIS FED. AID PROJECT				

SCALE: SHEET 3 OF 6 SHEETS STA. TO STA.

WEARING SURFACE PLAN

S.N. 057-0046 (EB) & S.N. 057-0045 (WB)



HIGH FRICTION SURFACE TREATMENT FOR BRIDGE DECK SURFACES

BILL OF MATERIALS

ITEM	UNIT	TOTAL
HIGH FRICTION SURFACE TREATMENT FOR BRIDGE DECK SURFACES	SQ YD	2,936.0

NOTES

DECK DRAINS AND JOINTS SHALL BE TEMPORALLY COVERED BEFORE THE HIGH FRICTION SURFACE TREATMENT IS APPLIED TO PROTECT AND CONTROL RUN OFF. THE MATERIAL USED TO COVER THE DRAINS AND JOINTS SHALL BE REMOVED AND DISPOSED OF UPON THE COMPLETION OF THE HIGH FRICTION SURFACE TREATMENT. COST INCLUDED WITH HIGH FRICTION SURFACE TREATMENT.

PLACEMENT OF THE OVERLAPPING HIGH FRICTION SURFACE TREATMENT JOINT WILL NOT BE ALLOWED AT THE WHEEL LANES.

* CHAMPAIGN, DOUGLAS, MCLEAN

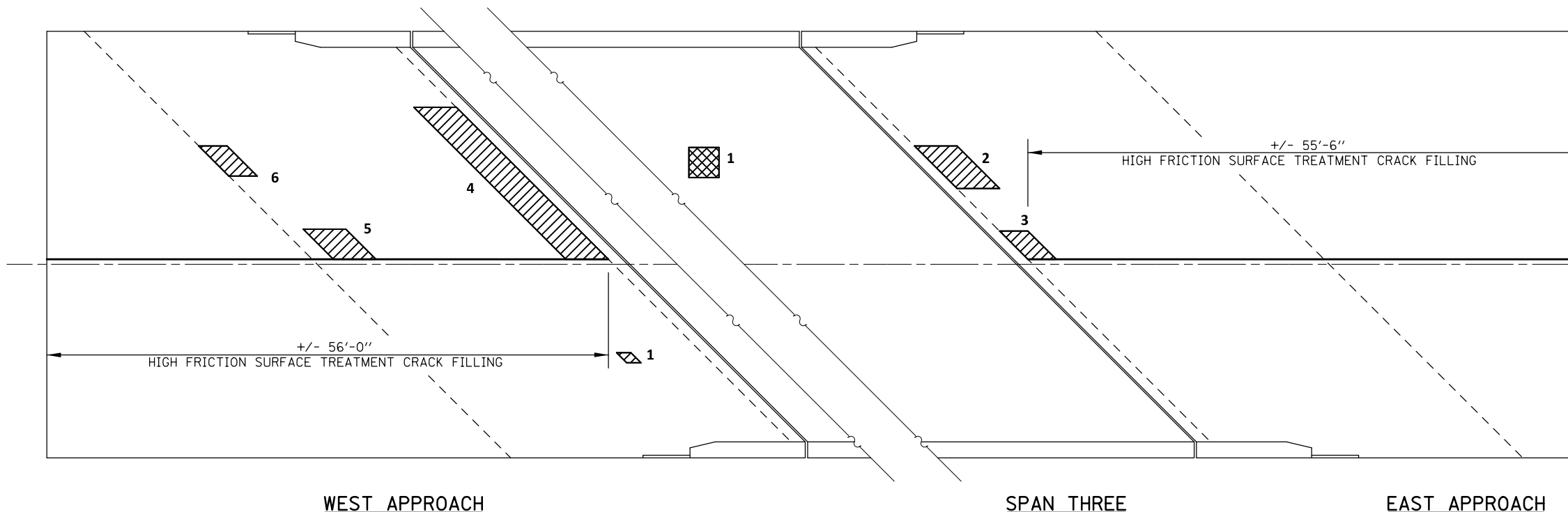
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#MODELNAME#	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE:	SHEET 4 OF 6 SHEETS		STA.	TO STA.	
	PLOT DATE = 10/18/2017	DATE -	REVISED -						CONTRACT NO. 70C54	
						ILLINOIS FED. AID PROJECT				

APPROACH PAVEMENT PATCHING

S.N. 057-0046 (EB) & S.N. 057-0045 (WB)

S.N. 057-0045 (WB)

PATCH NO.	SIZE	REPAIR (PART DEPTH)	REPAIR (PART DEPTH)
		SQ FT	SQ YD
1	1' X 1'	1.0	0.11
2	3' X 6'	18.0	2.0
3	2' X 4'	36.0	0.89
4	3' X 15'	45.0	5.00
5	3' X 3'	9.0	1.0
6	2' X 3'	6.0	0.67
1	3' X 3'	9.0	1.0



STAGE II
CONSTRUCTION

I-74 (WB)
S.N. 057-0045

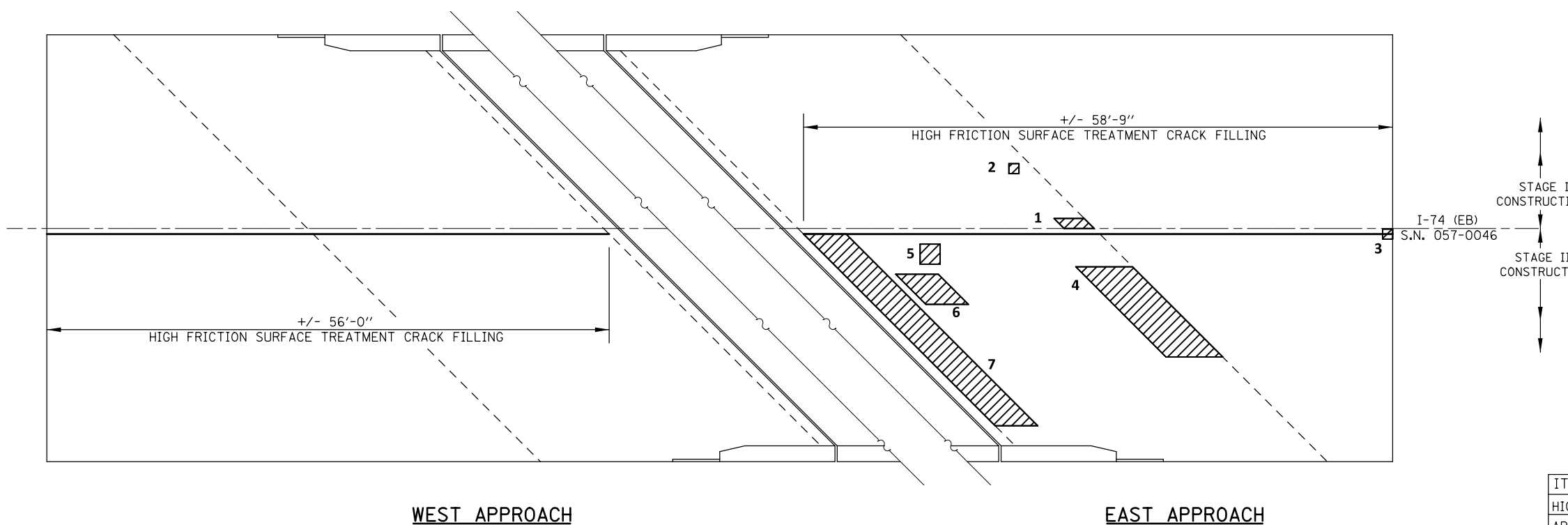
STAGE I
CONSTRUCTION

DECK SLAB REPAIR (PARTIAL-DEPTH)

APPROACH SLAB REPAIR (PARTIAL DEPTH)

S.N. 057-0046 (EB)

PATCH NO.	SIZE	REPAIR (PART DEPTH)	REPAIR (PART DEPTH)
		SQ FT	SQ YD
1	3' X 1'	3.0	0.33
2	1' X 1'	1.0	0.11
3	1' X 1'	1.0	0.11
4	4' X 9'	36.0	4.0
5	2' X 2'	4.0	0.44
6	2' X 3'	3.0	0.67
7	3' X 27'	81.0	9.0



STAGE I
CONSTRUCTION

I-74 (EB)
S.N. 057-0046

STAGE II
CONSTRUCTION

NOTES

THE ENGINEER SHALL SHOW ACTUAL LOCATIONS OF APPROACH REPAIR ON AS-BUILT PLANS.

BILL OF MATERIALS

ITEM	UNIT	TOTAL
HIGH FRICTION SURFACE TREATMENT CRACK FILLING	FOOT	227.0
APPROACH SLAB REPAIR (PARTIAL DEPTH)	SQ YD	25.0
DECK SLAB REPAIR (PARTIAL DEPTH)	SQ YD	1.0

* CHAMPAIGN, DOUGLAS, MCLEAN

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
pw:\IL\084EBID\INTEG\Illinois.gov\PWIDOT\Documents\IDOT Offices\District 5\Projects\057-0046\Drawings\057-0046\057-0046-01-01-01.dwg		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

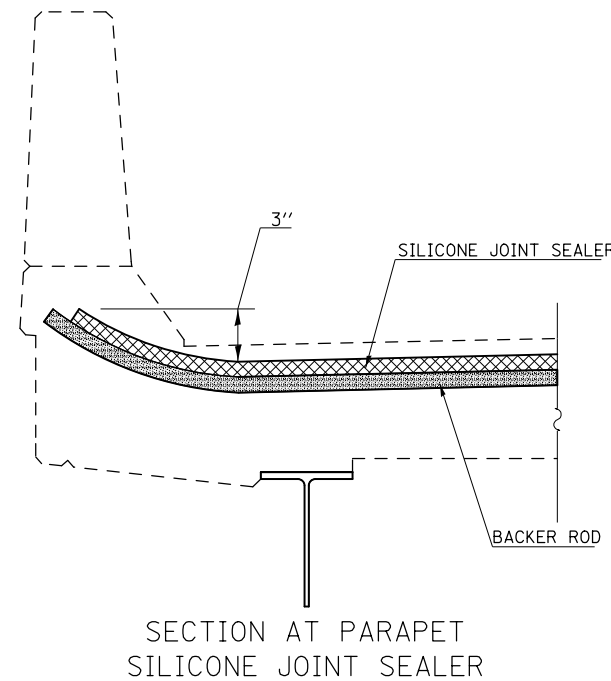
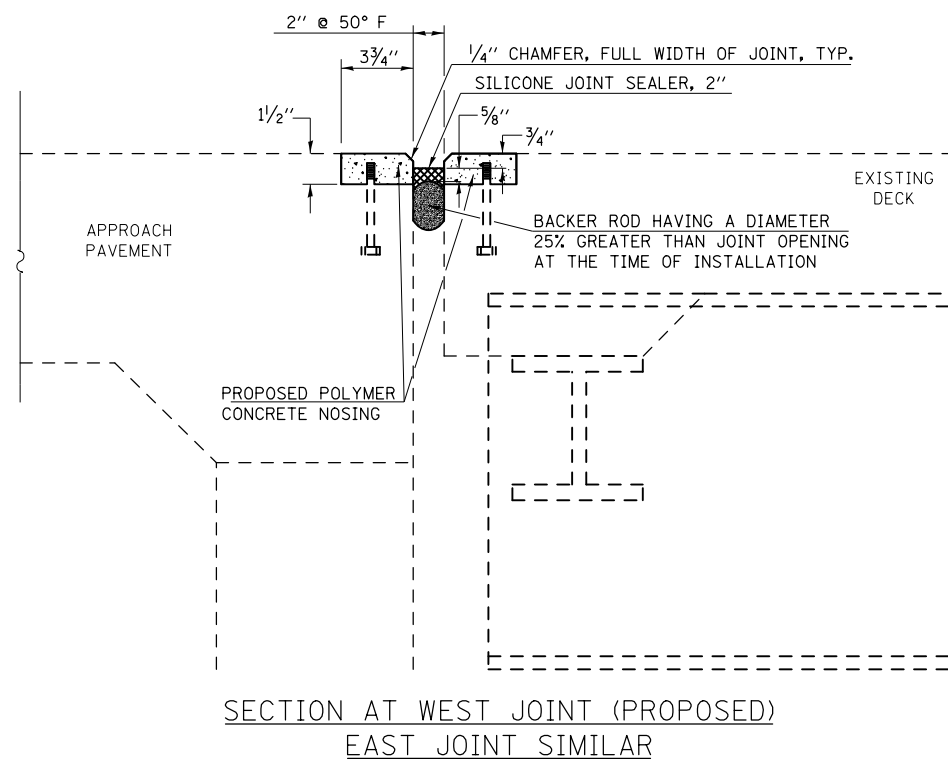
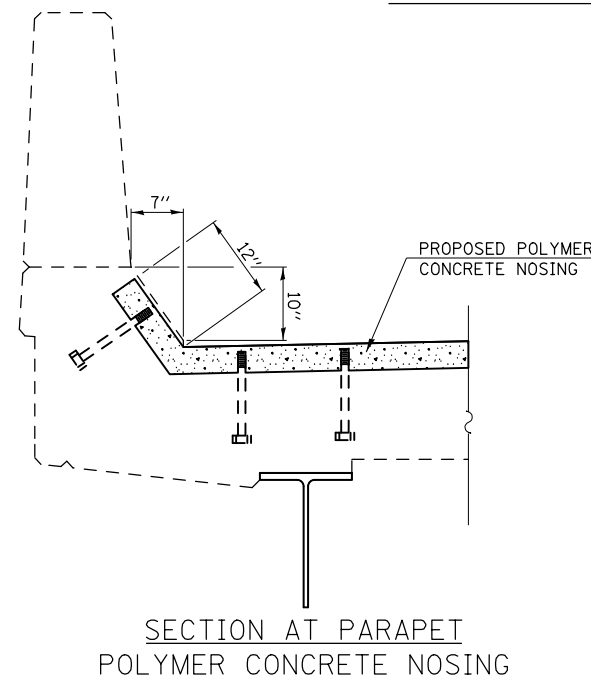
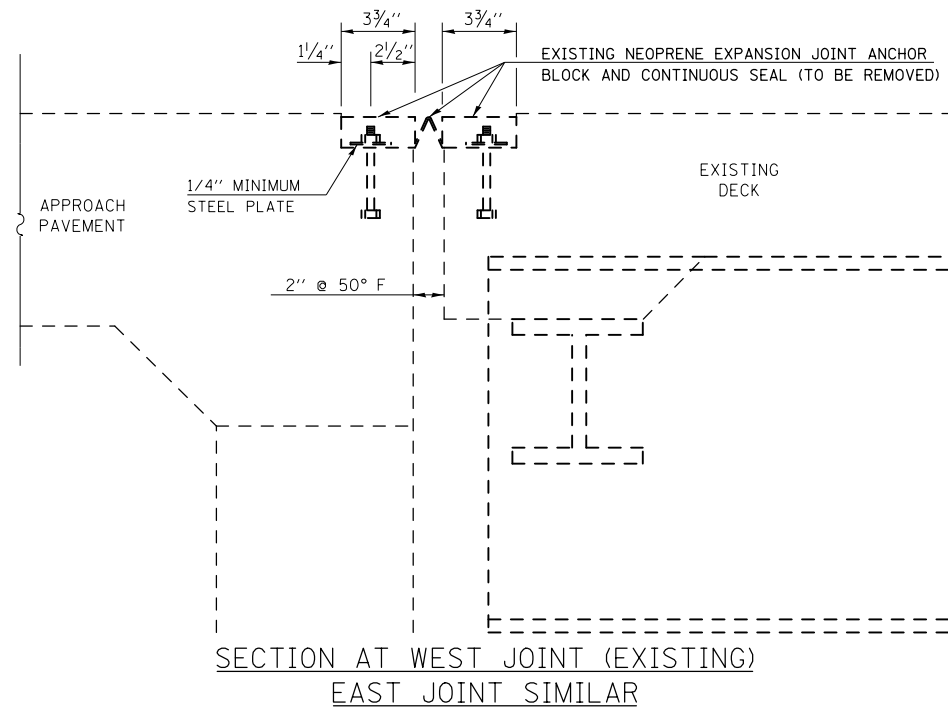
APPROACH PAVEMENT PATCHING
S.N. 057-0046 (EB) & S.N. 057-0045 (WB)

SCALE: SHEET 5 OF 6 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(D5 HSIP 2017)I	*	54	26
		CONTRACT NO.		70C54
ILLINOIS FED. AID PROJECT				

JOINT DETAIL

S.N. 057-0046 (EB) & S.N. 057-0045 (WB)



General Notes

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit bid price for the work.

Removal of the existing Neoprene Expansion Joint shall be included with the cost of SILICONE JOINT SEALER and POLYMER CONCRETE.

Proposed Improvements

1. Remove existing Neoprene Expansion Joint
2. Place Polymer Concrete Nosing
3. Place Backer Rod
4. Place Silicone Joint Sealer

BILL OF MATERIALS

Item	Unit	Total
Silicone Joint Sealer, 2"	Foot	232.0
Polymer Concrete	Cu. Ft.	18.1

* CHAMPAIGN, DOUGLAS, MCLEAN

FILE NAME =	USER NAME = ceorlockjd	DESIGNED - R. CARROLL	REVISED -
p:\1\1084EBID\TEG\Illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\0579\Drawings\EA05\At-CARROLL\Shs.Bridge\REVISED -		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

JOINT DETAIL	
S.N. 057-0046 (EB) & S.N. 057-0045 (WB)	
SCALE:	SHEET 6 OF 6 SHEETS STA. TO STA.

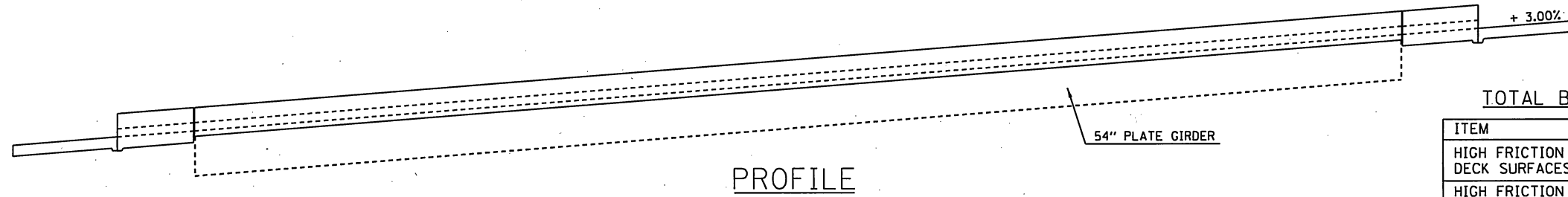
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	(D5 HSIP 2017)I	*	54	27
			CONTRACT NO. 70C54	
ILLINOIS FED. AID PROJECT				

STRUCTURES 010-0016 (EB) & 010-0017 (WB) WAS ORIGINALLY BUILT IN 1967 AS FAI ROUTE 74 SECTION 10-4B AT STATION 1539+94.80 BY THE STATE OF ILLINOIS IN CHAMPAIGN COUNTY. IN 1997, THE STRUCTURE WAS REBUILT AS FAI ROUTE 74, SECTION 10-4BR AT STATION 1539+94.80. THE EXISTING STRUCTURES ARE THREE-SPAN STRUCTURE WITH A BACK-TO-BACK OF ABUTMENT LENGTH OF 350'-3". S.N. 010-0016 (EB) HAS A VARIABLE CLEAR WIDTH OF 48'-9" AT THE WEST ABUTMENT TO 43'-8" AT THE EAST ABUTMENT. S.N. 010-0017 (WB) HAS A CLEAR WITH OF 40'-0" FACE-TO-FACE OF PARAPET. THE SUPERSTRUCTURES CONSIST OF SIX 54" STEEL PLATE GIRDERS SUPPORTING A 7 1/2" REINFORCED CONCRETE DECK. THE SUPERSTRUCTURE IS SUPPORTED BY TWO REINFORCED CONCRETE PIERS AND ABUTMENTS ON CONCRETE PILES. THE SLOPES ARE PROTECTED WITH CONCRETE SLOPE WALLS.

WORK SHALL BE COMPLETED WITH STAGED CONSTRUCTION.

LOCATION TWO

S.N. 010-0016 (EB) & S.N. 010-0017 (WB)

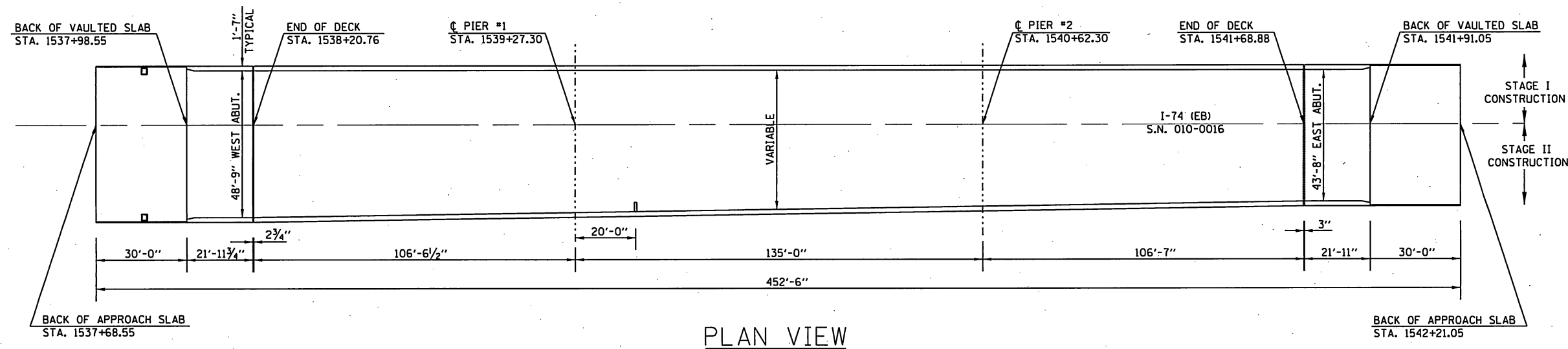
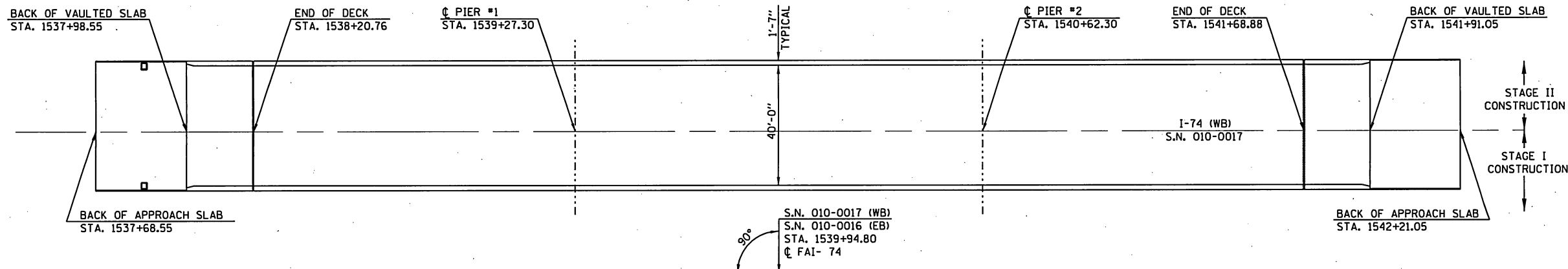


TOTAL BILL OF MATERIALS

ITEM	UNIT	TOTAL
HIGH FRICTION SURFACE TREATMENT FOR BRIDGE DECK SURFACES	SQ YD	4,263.0
HIGH FRICTION SURFACE TREATMENT CRACK FILLING	FOOT	208.0

GENERAL NOTES

PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING PLANS ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN SCOPE OF WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.

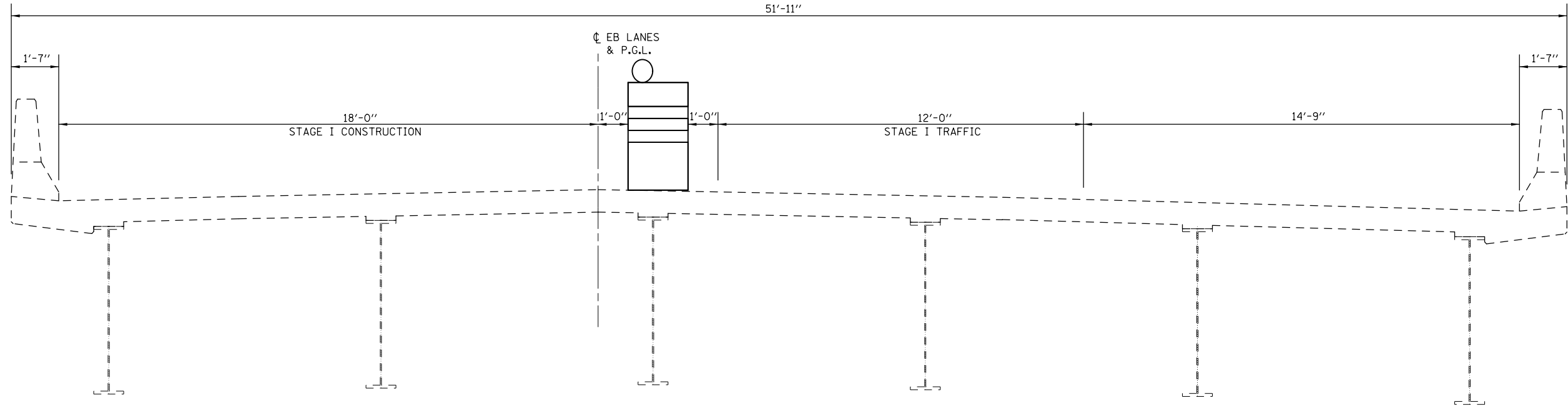


David Carl Puzey 12/8/17
Expires 11/30/18

• CHAMPAIGN, DOUGLAS, MCLEAN

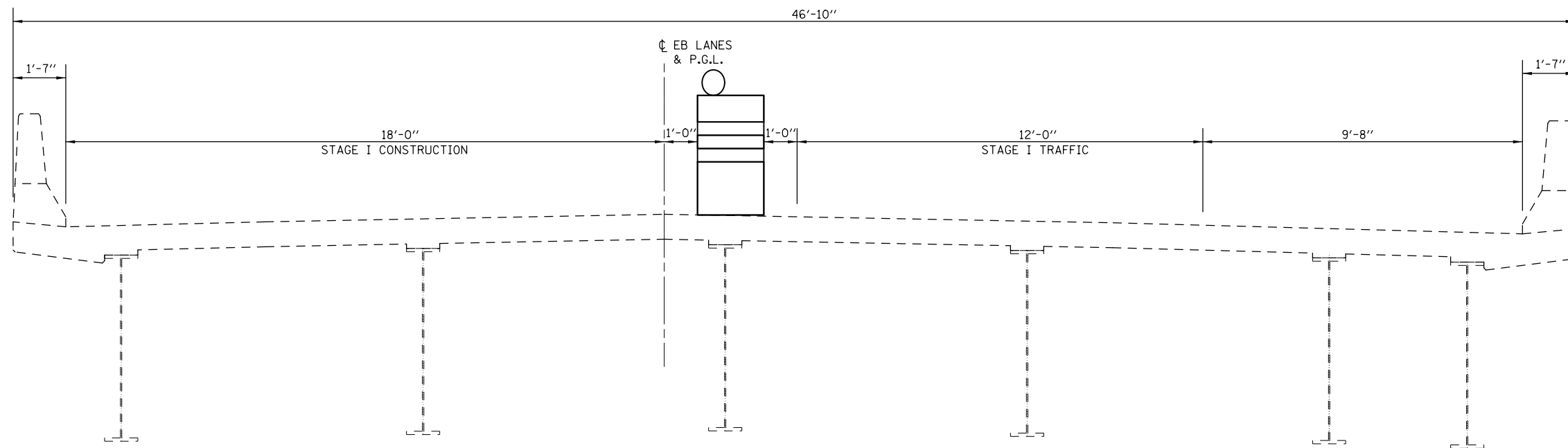
FILE NAME :	USER NAME = showleres	DESIGNED - ESS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN S.N. 010-0016 (EB) & S.N. 010-0017 (WB)			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL084EBID\INTEG.111nois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\0570\DrawnData\EA0\Sheets\070C54.shts.Bridge		CHECKED - VHV	REVISED -		SCALE:	SHEET 1	OF 5 SHEETS	STA.	TO STA.	(05 HSIP 2017)	.	54	28
#MODELNAME#	PLOT DATE = 12/7/2017	DATE -	REVISED -							CONTRACT NO. 70C54			
												ILLINOIS FED. AID PROJECT	

STAGE I CONSTRUCTION
S.N. 010-0016 (EB)
WEST ABUTMENT



LOOKING EAST (Direction of Traffic)

STAGE I CONSTRUCTION
S.N. 010-0016 (EB)
EAST ABUTMENT

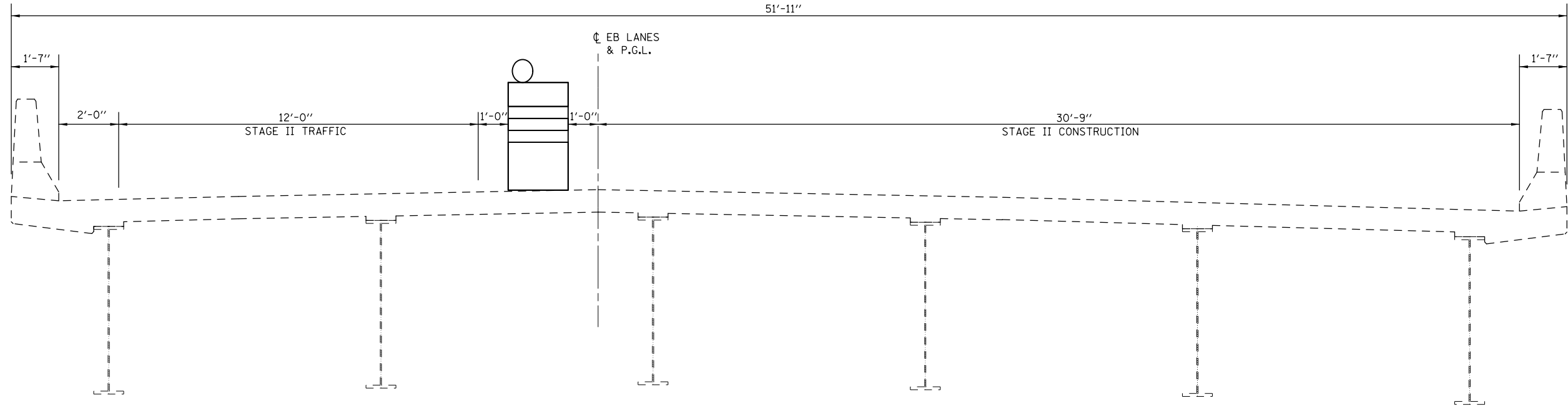


LOOKING EAST (Direction of Traffic)

* CHAMPAIGN, DOUGLAS, MCLEAN

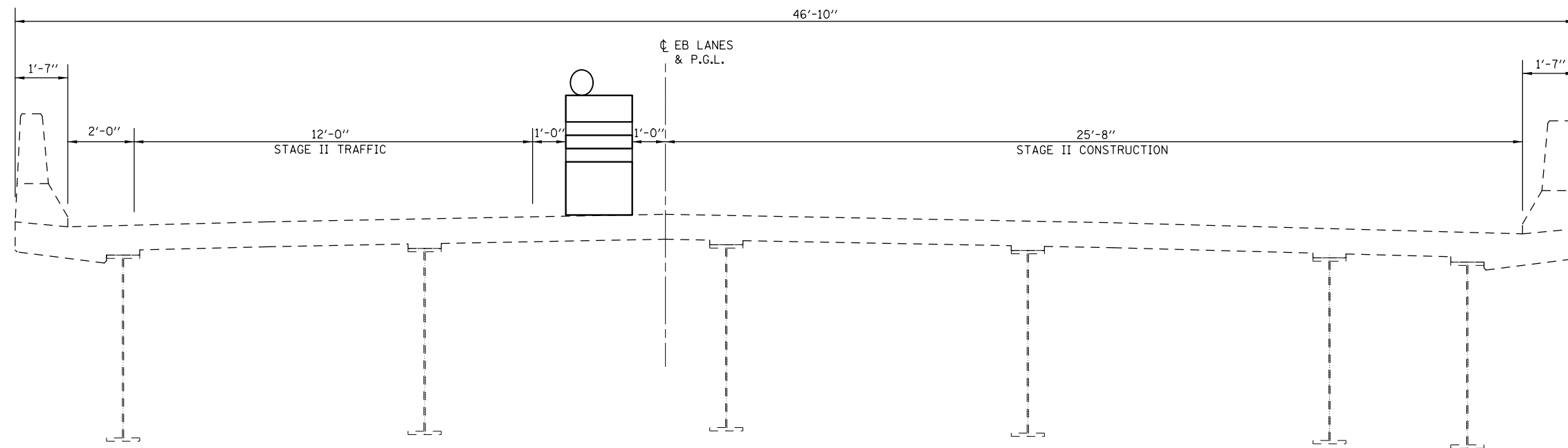
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	PLOT DATE = 10/18/2017	DATE -	REVISED -		SCALE:	SHEET 2 OF 5 SHEETS	STA.	TO STA.				

STAGE II CONSTRUCTION
S.N. 010-0016 (EB)
WEST ABUTMENT



LOOKING EAST (Direction of Traffic)

STAGE II CONSTRUCTION
S.N. 010-0016 (EB)
EAST ABUTMENT

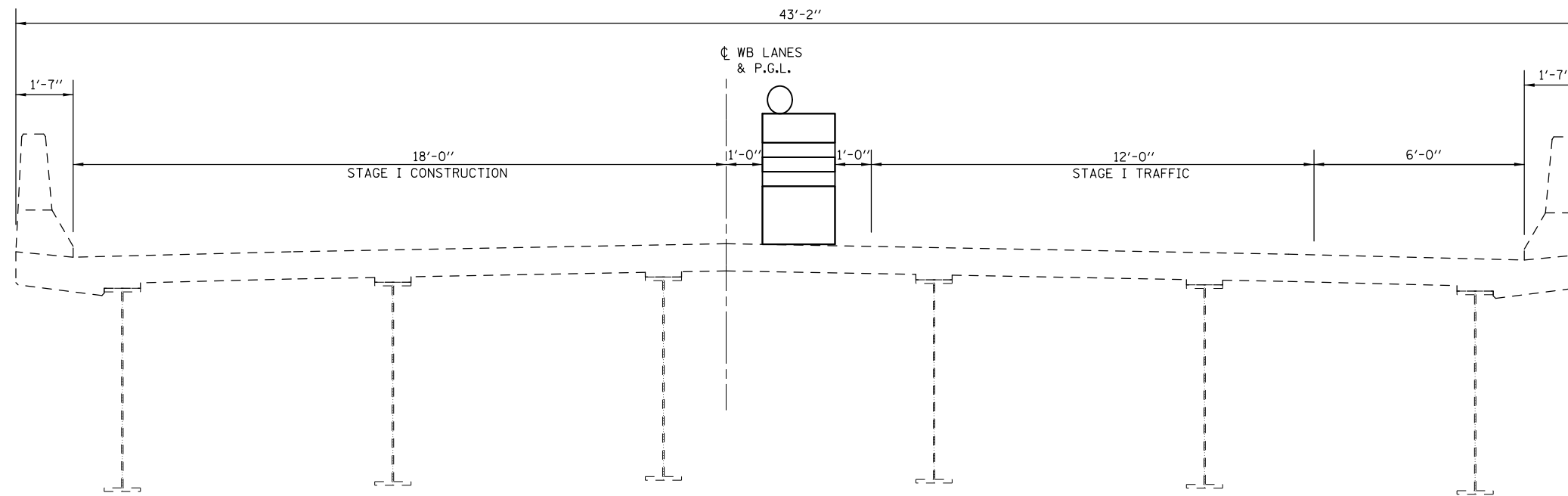


LOOKING EAST (Direction of Traffic)

* CHAMPAIGN, DOUGLAS, MCLEAN

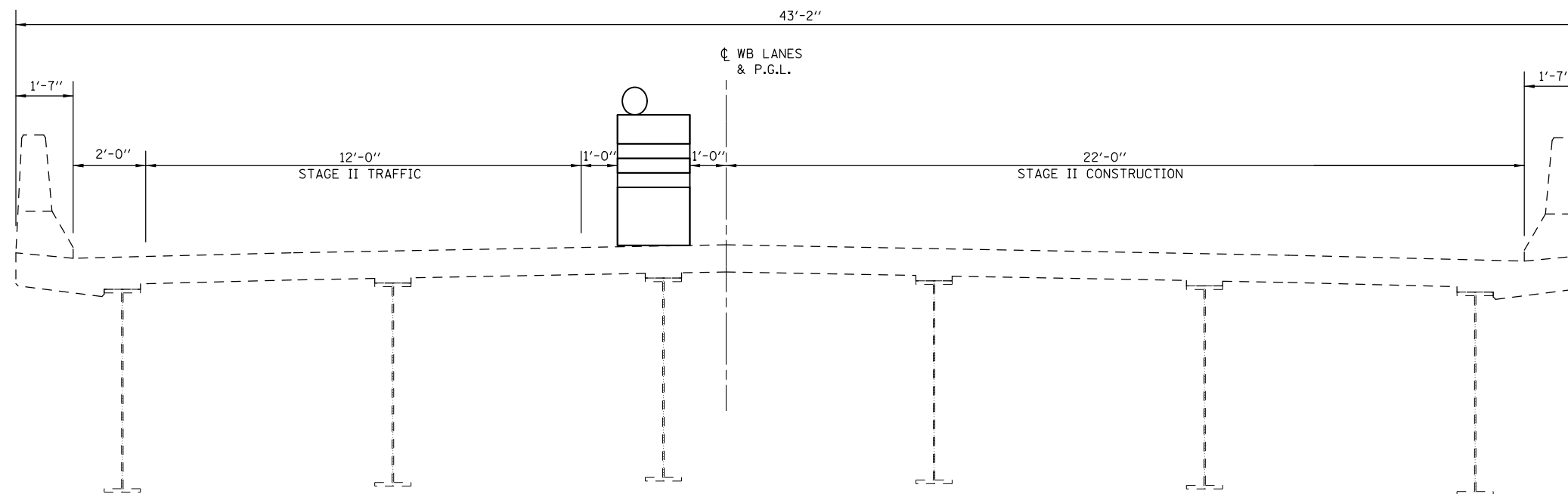
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\$MODELNAME\$	PLOT DATE = 10/18/2017	DATE -	REVISED -		SCALE:	SHEET 3	OF 5 SHEETS	STA.	TO STA.	CONTRACT NO. 70C54	ILLINOIS FED. AID PROJECT	

STAGE I CONSTRUCTION S.N. 010-0017 (WB)



LOOKING WEST (Direction of Traffic)

STAGE II CONSTRUCTION S.N. 010-0017 (WB)



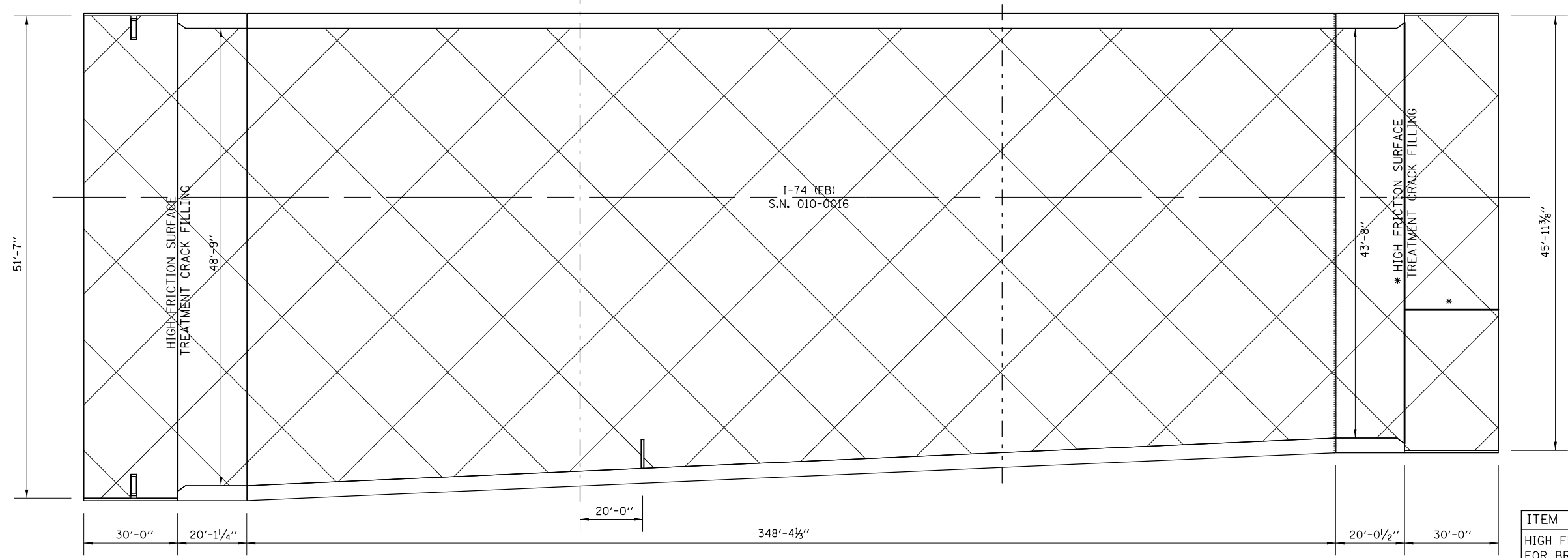
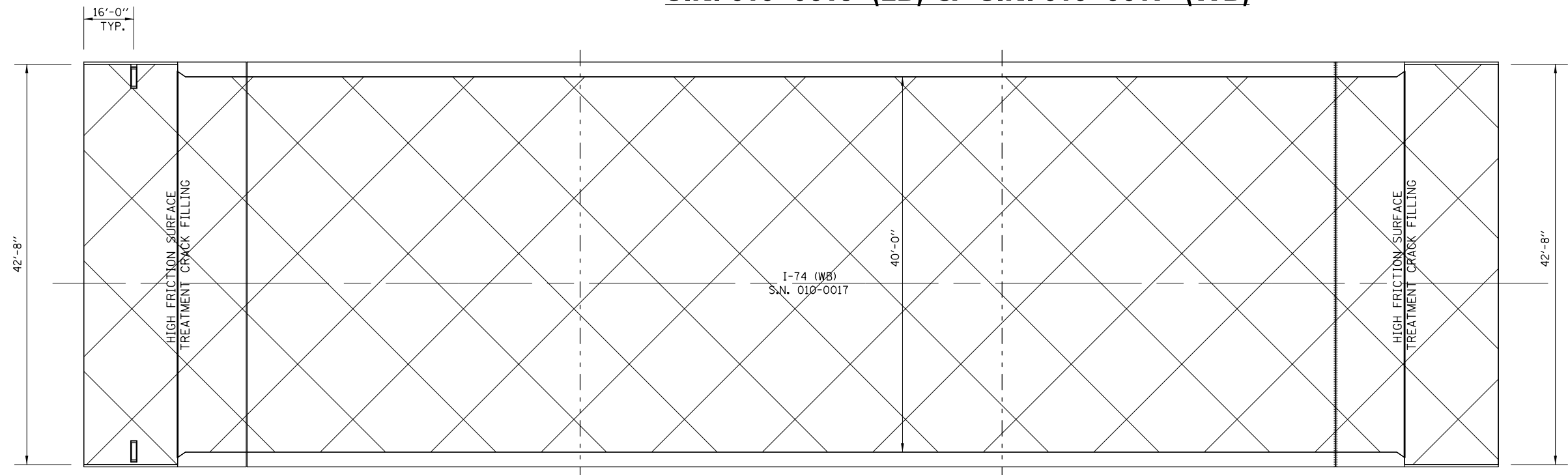
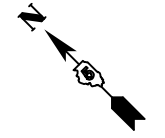
LOOKING WEST (Direction of Traffic)

* CHAMPAIGN, DOUGLAS, MCLEAN

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE CONSTRUCTION DETAIL S.N. 010-0017 (WB)			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\1\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\0579\Drawings\EA0\Sheets\070C54.shts.Bridge					DRAWN	REVISED	REVISED	VAR.	(D5 HSIP 2017)I	•	54	31
PLOT SCALE = 40.0000' / in.					CHECKED -	REVISED -	REVISED -				CONTRACT NO. 70C54	
PLOT DATE = 10/18/2017					DATE -	REVISED -	REVISED -				ILLINOIS FED. AID PROJECT	
				SCALE:						SHEET 4 OF 5 SHEETS STA. TO STA.		

WEARING SURFACE PLAN

S.N. 010-0016 (EB) & S.N. 010-0017 (WB)



NOTES

SHOULDER DRAINS AND DRAINAGE SCUPPER SHALL BE TEMPORALLY COVERED BEFORE THE HIGH FRICTION SURFACE TREATMENT IS APPLIED TO PROTECT AND CONTROL RUN OFF. THE MATERIAL USED TO COVER THE DRAINS AND JOINTS SHALL BE REMOVED AND DISPOSED OF UPON THE COMPLETION OF THE HIGH FRICTION SURFACE TREATMENT. COST INCLUDED WITH HIGH FRICTION SURFACE TREATMENT.

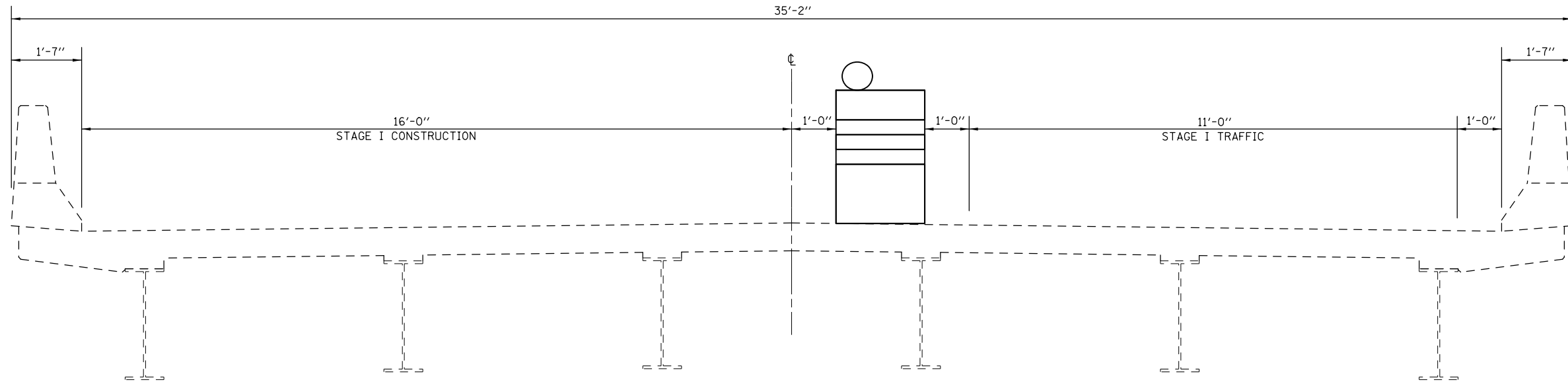
PLACEMENT OF THE OVERLAPPING HIGH FRICTION SURFACE TREATMENT JOINT WILL NOT BE ALLOWED AT THE WHEEL LANES.

BILL OF MATERIALS

ITEM	UNIT	TOTAL
HIGH FRICTION SURFACE TREATMENT FOR BRIDGE DECK SURFACES	SQ YD	4,263.0
HIGH FRICTION SURFACE TREATMENT CRACK FILLING	FOOT	208.0

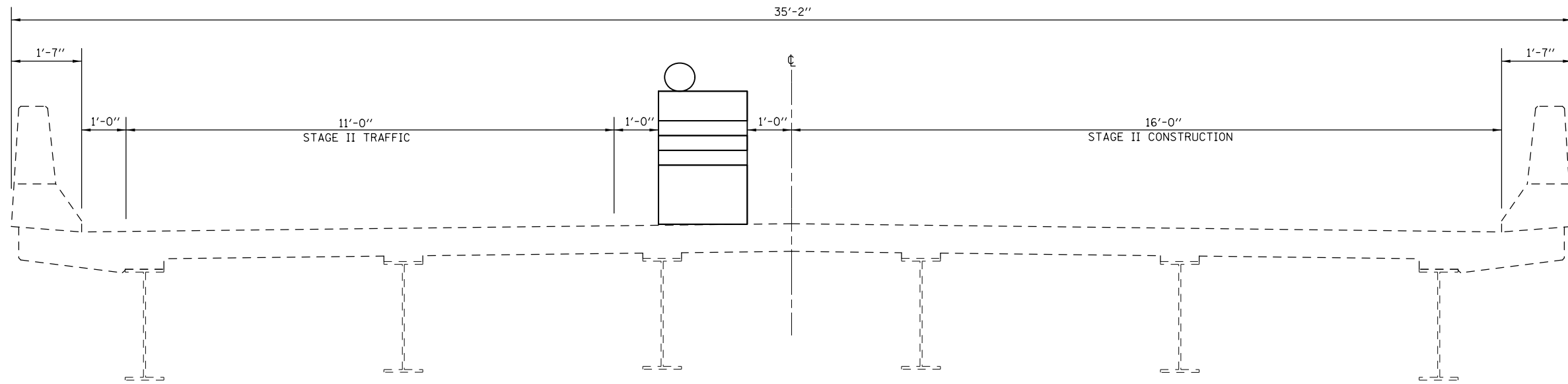
* CHAMPAIGN, DOUGLAS, MCLEAN

STAGE I CONSTRUCTION
S.N. 010-0040
UNITS I & II



LOOKING EAST

STAGE II CONSTRUCTION
S.N. 010-0040
UNITS I & II

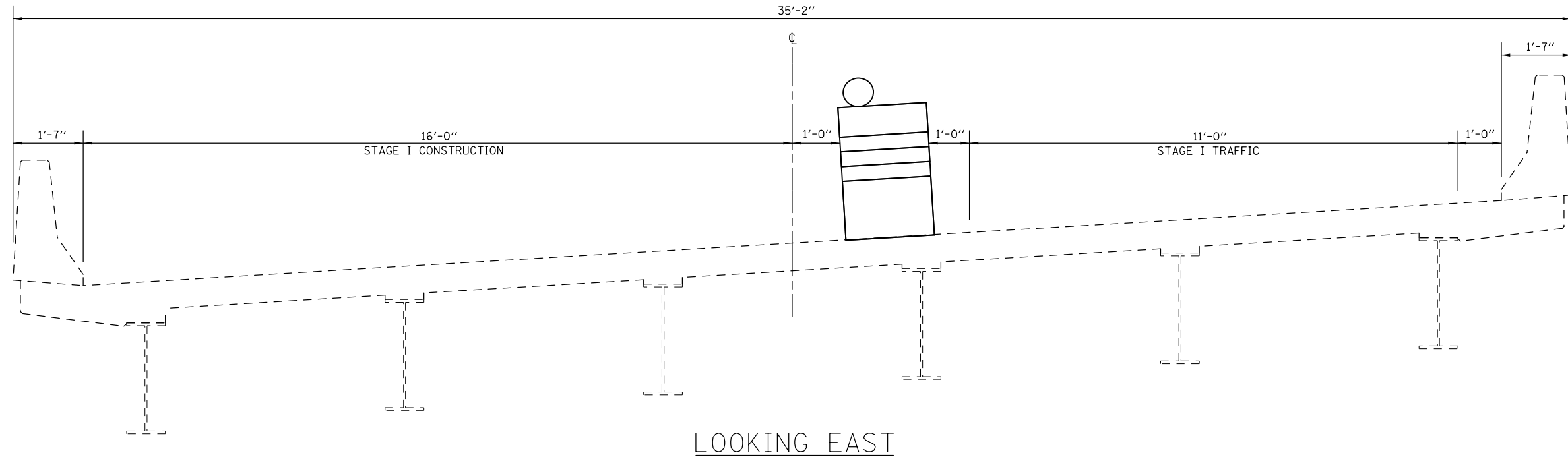


LOOKING EAST

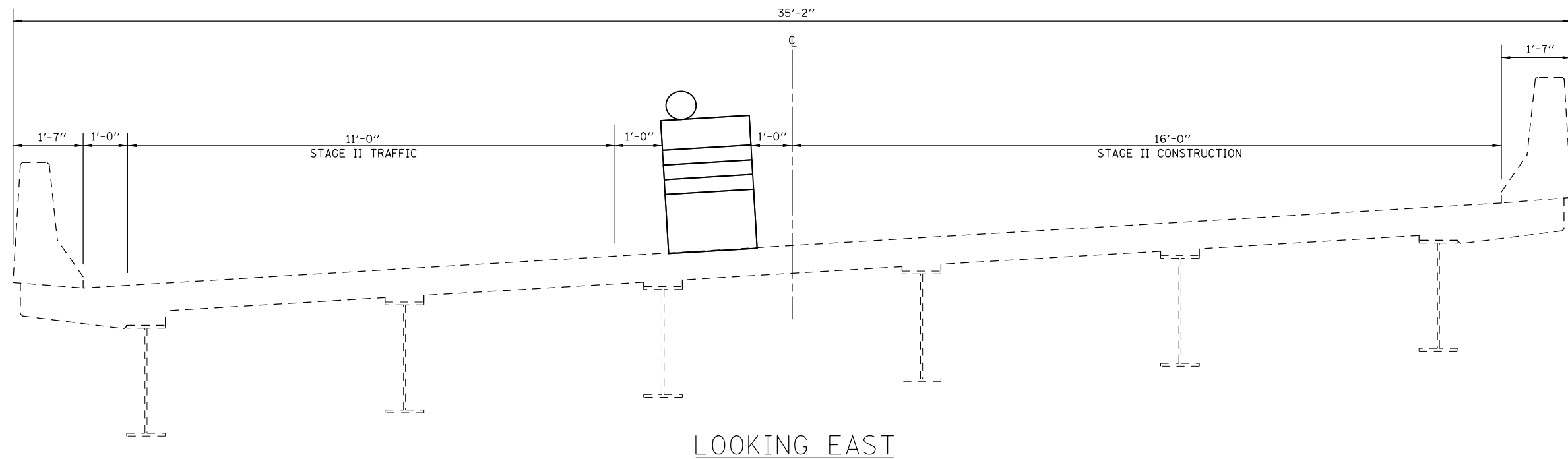
* CHAMPAIGN, DOUGLAS, MCLEAN

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE CONSTRUCTION DETAIL			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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MODELNAME	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET 2 OF 8 SHEETS STA. TO STA.			CONTRACT NO. 70C54				
	PLOT DATE = 10/18/2017	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

STAGE I CONSTRUCTION
S.N. 010-0040
UNIT III



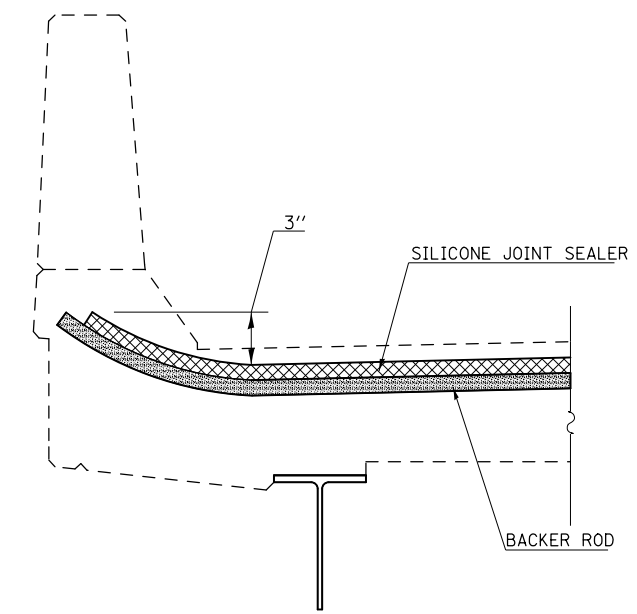
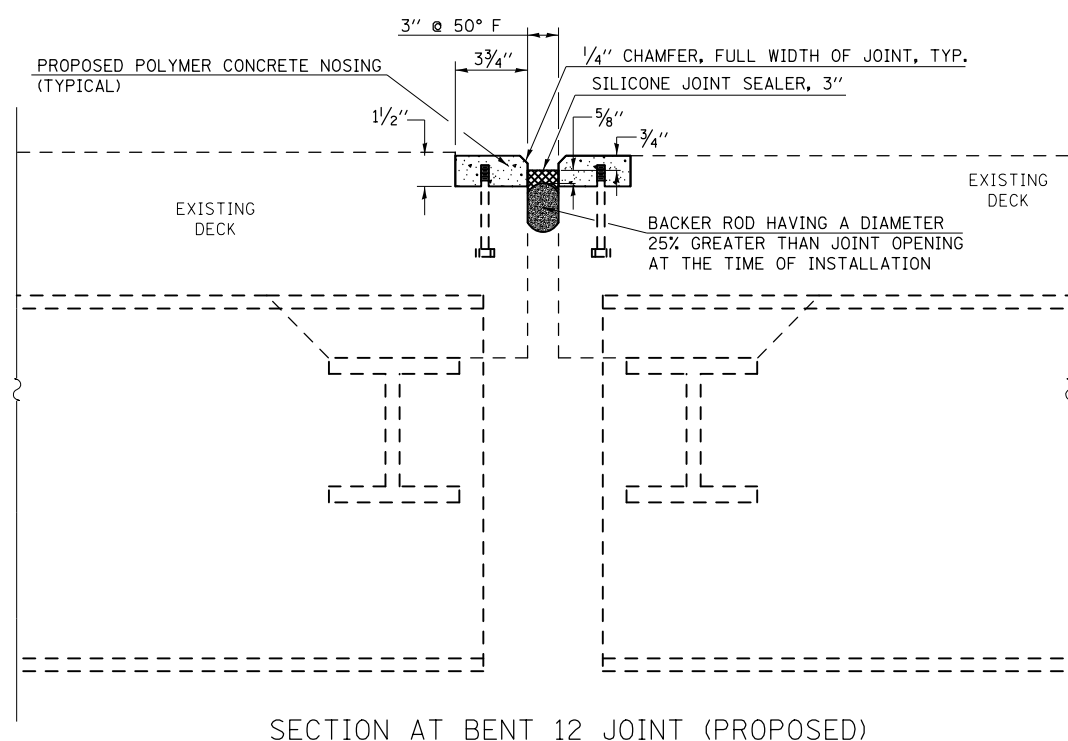
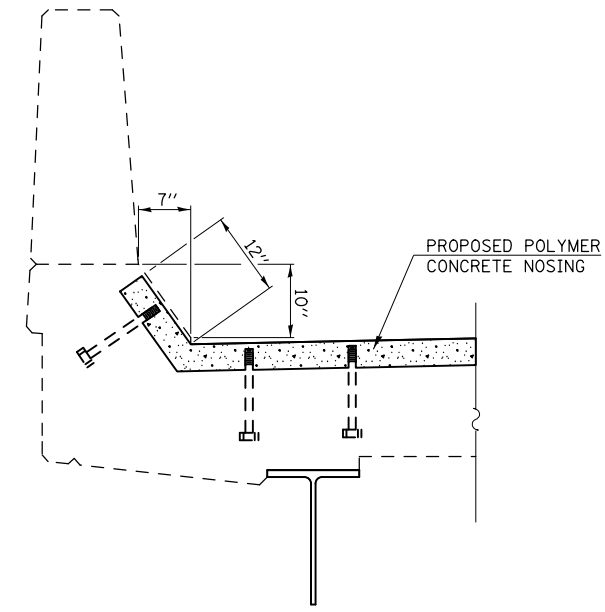
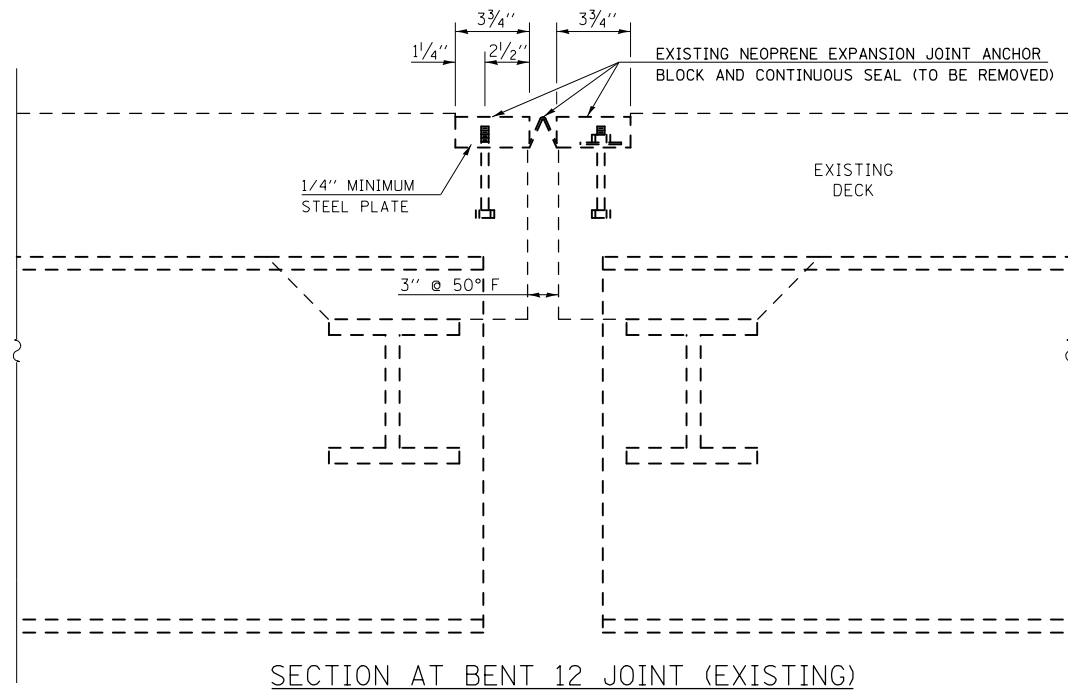
STAGE II CONSTRUCTION
S.N. 010-0040
UNIT III



* CHAMPAIGN, DOUGLAS, MCLEAN

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE CONSTRUCTION DETAIL			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 5\Projects\057\Drawings\EA0\Sheets\070C54.shts.Bridge		DRAWN -	REVISED -		S.N. 010-0040			VAR.	(D5 HSIP 2017)I	*	54	35
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	PLOT DATE = 10/18/2017	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

BENT 12 S.N. 010-0040



General Notes

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit bid price for the work.

Removal of the existing Neoprene Expansion Joint shall be included with the cost of SILICONE JOINT SEALER and POLYMER CONCRETE.

Proposed Improvements

1. Remove existing Neoprene Expansion Joint
2. Place Polymer Concrete Nosing
3. Place Backer Rod
4. Place Silicone Joint Sealer

BILL OF MATERIALS

Item	Unit	Total
Silicone Joint Sealer, 3"	Foot	34.0
Polymer Concrete	Cu. Ft.	2.7

* CHAMPAIGN, DOUGLAS, MCLEAN

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
pw:\11\084EBID\INTEG.illinois.gov\PWIDOT\Documents\IDOT Offices\District 5\Projects\0579\Drawings\60\Sheets\070C54.shts.Bridge		CHECKED -	REVISED -
	PLOT SCALE = 40.0000' / in.	DATE -	REVISED -
\$MODELNAME\$	PLOT DATE = 10/18/2017		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BENT 12 JOINT DETAIL
S.N. 010-0040

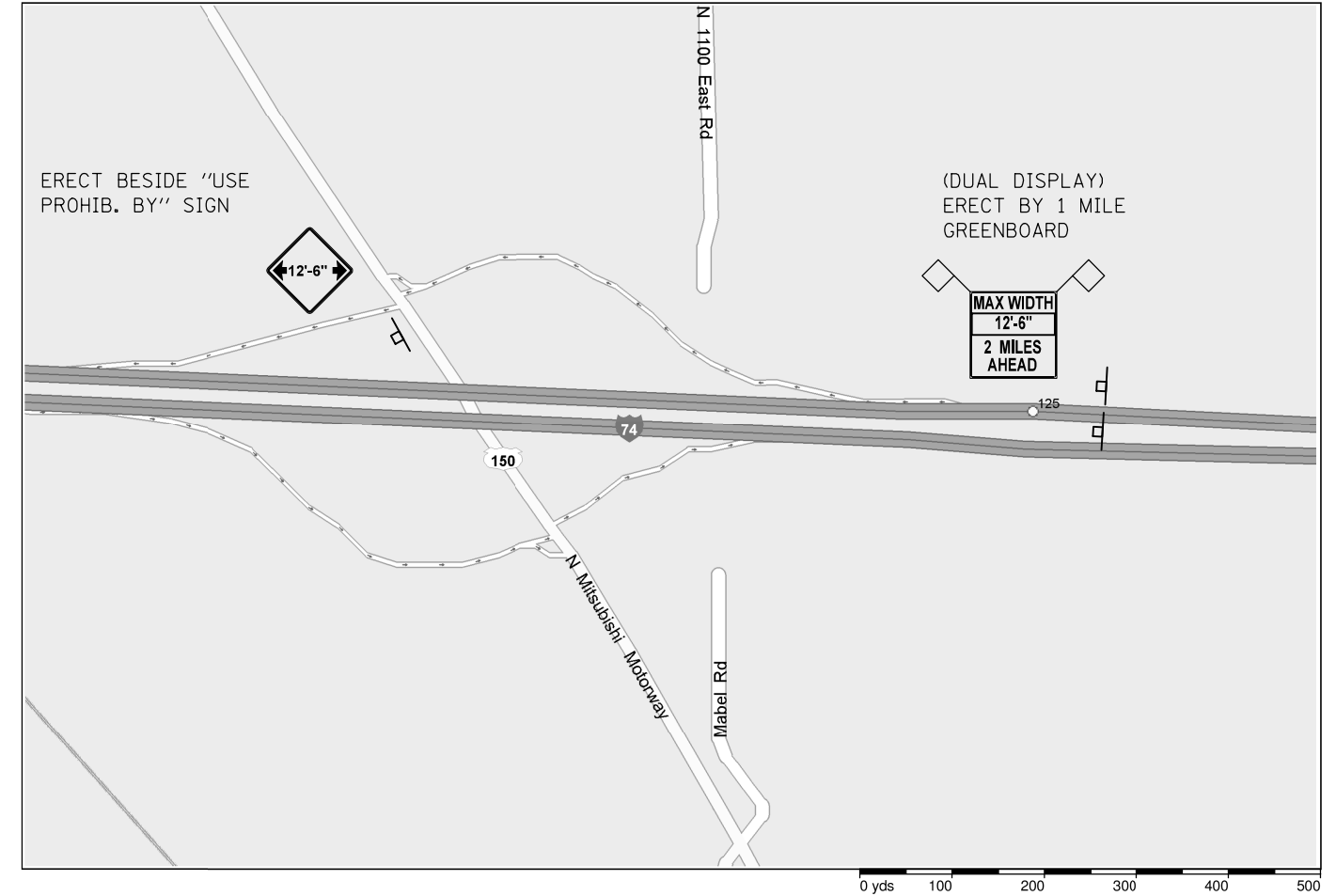
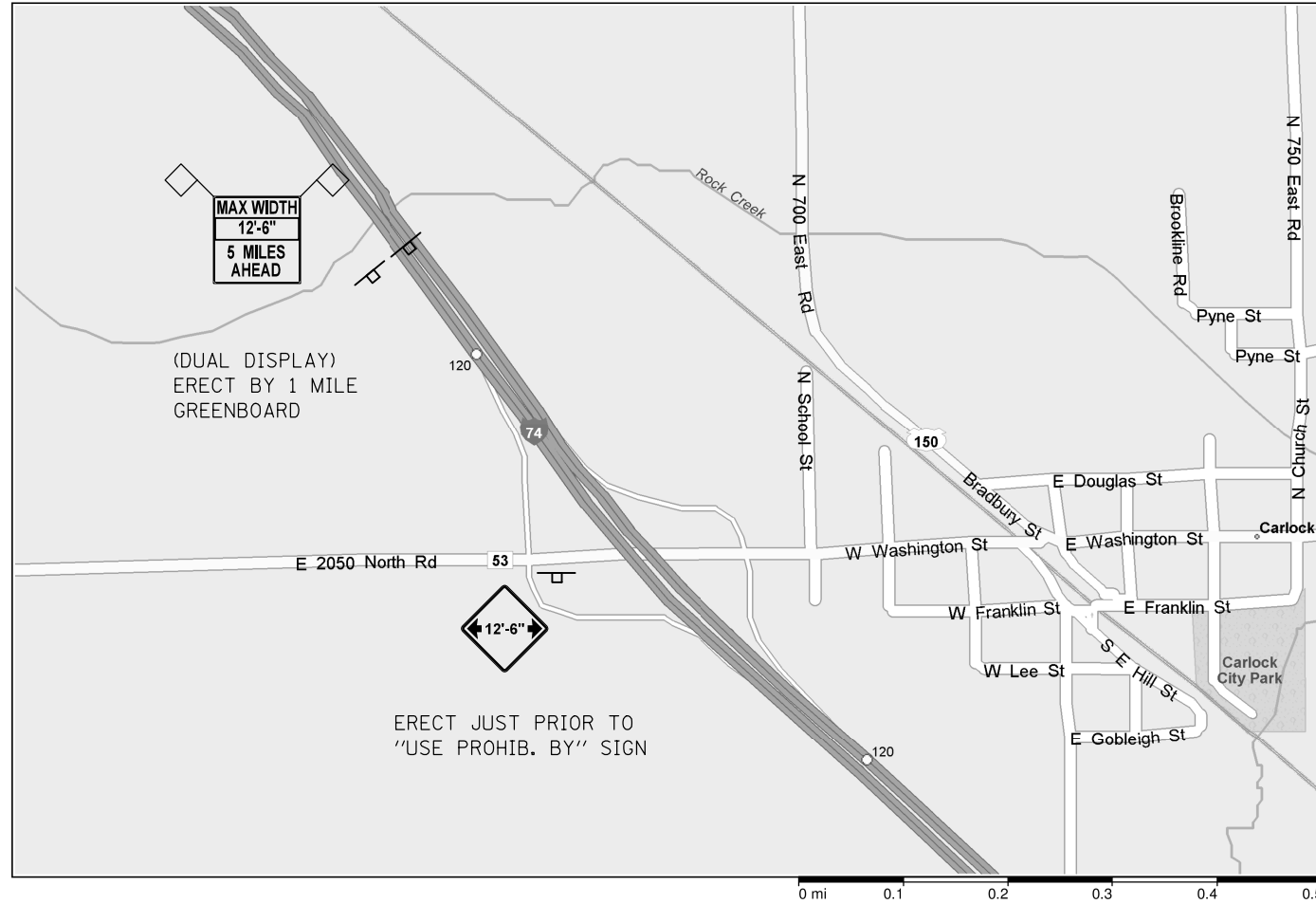
SCALE: SHEET 7 OF 8 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	(D5 HSIP 2017)I	*	54	39
			CONTRACT NO. 70C54	
ILLINOIS FED. AID PROJECT				

LOCATION #1
FAI-74 / (I-74) OVER NORFOLK SOUTHERN RAILROAD
WEST OF US 150 IN NORMAL

CARLOCK

US 150



NOTE FOR WIDTH RESTRICTION:
 STAGE I: NO POSTING REQUIRED
 STAGE II: POSTING = 12'-6"

NOTE FOR WIDTH RESTRICTION:
 STAGE I: NO POSTING REQUIRED
 STAGE II: POSTING = 12'-6"

FILE NAME =	USER NAME = ceorlockjd	DESIGNED -	REVISED -
p:\work\11084EBIDINTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 5\Projects\057\CDRAWING\Design\070C54-sht-wrd.dgn		CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 10/18/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WIDTH RESTRICTION DETAIL

SCALE: SHEET 1 OF 6 SHEETS STA. TO STA.

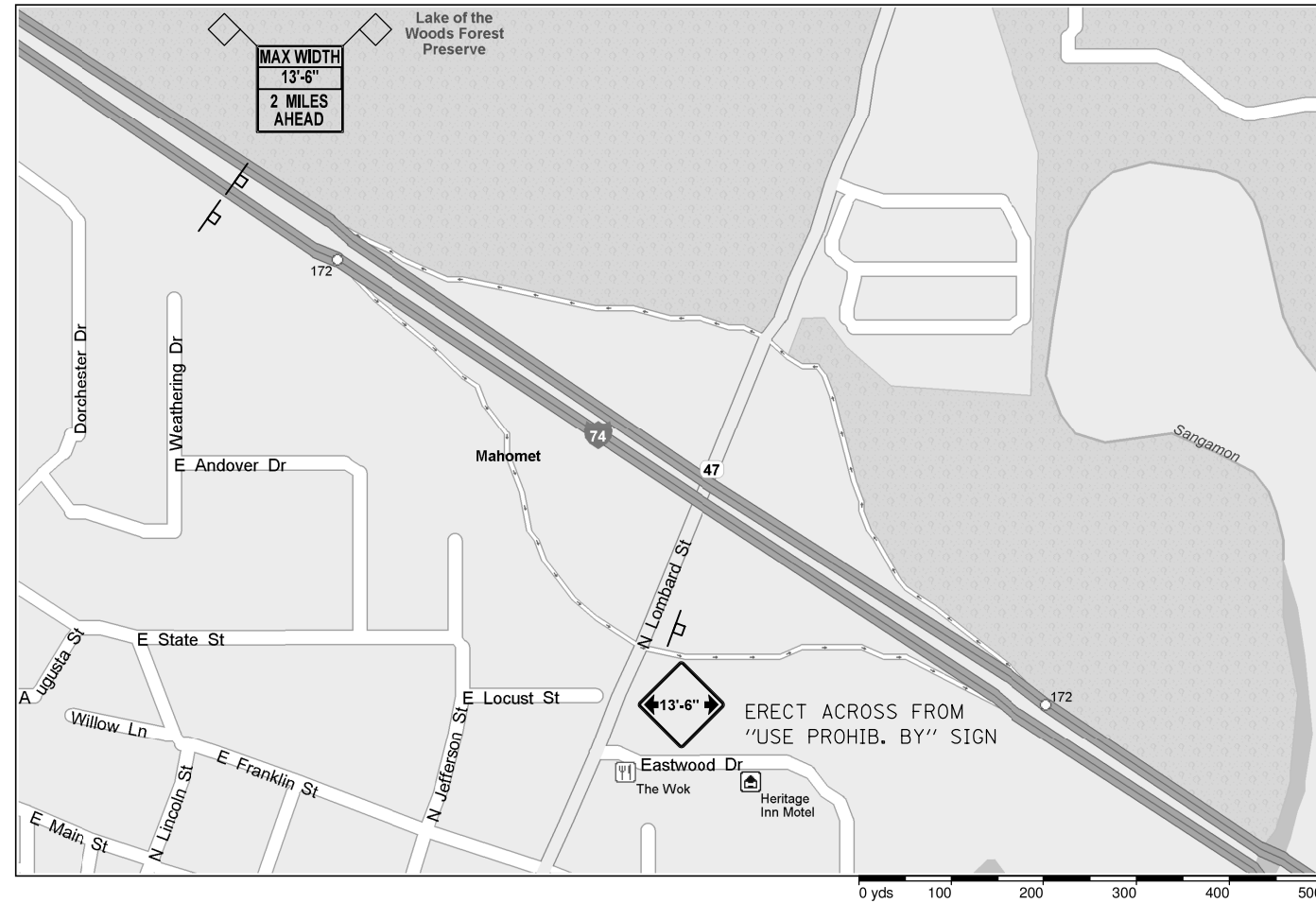
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(05 HSIP 2017)I	*	54	41
			CONTRACT NO. 70C54	
ILLINOIS FED. AID PROJECT				

* CHAMPAIGN, DOUGLAS, MCLEAN

LOCATION #2
FAI-74 / (I-74) OVER SANGAMON RIVER
EAST OF IL 47 IN MAHOMET

MAHOMET

(DUAL DISPLAY)
 ERECT BY 1 MILE
 GREENBOARD

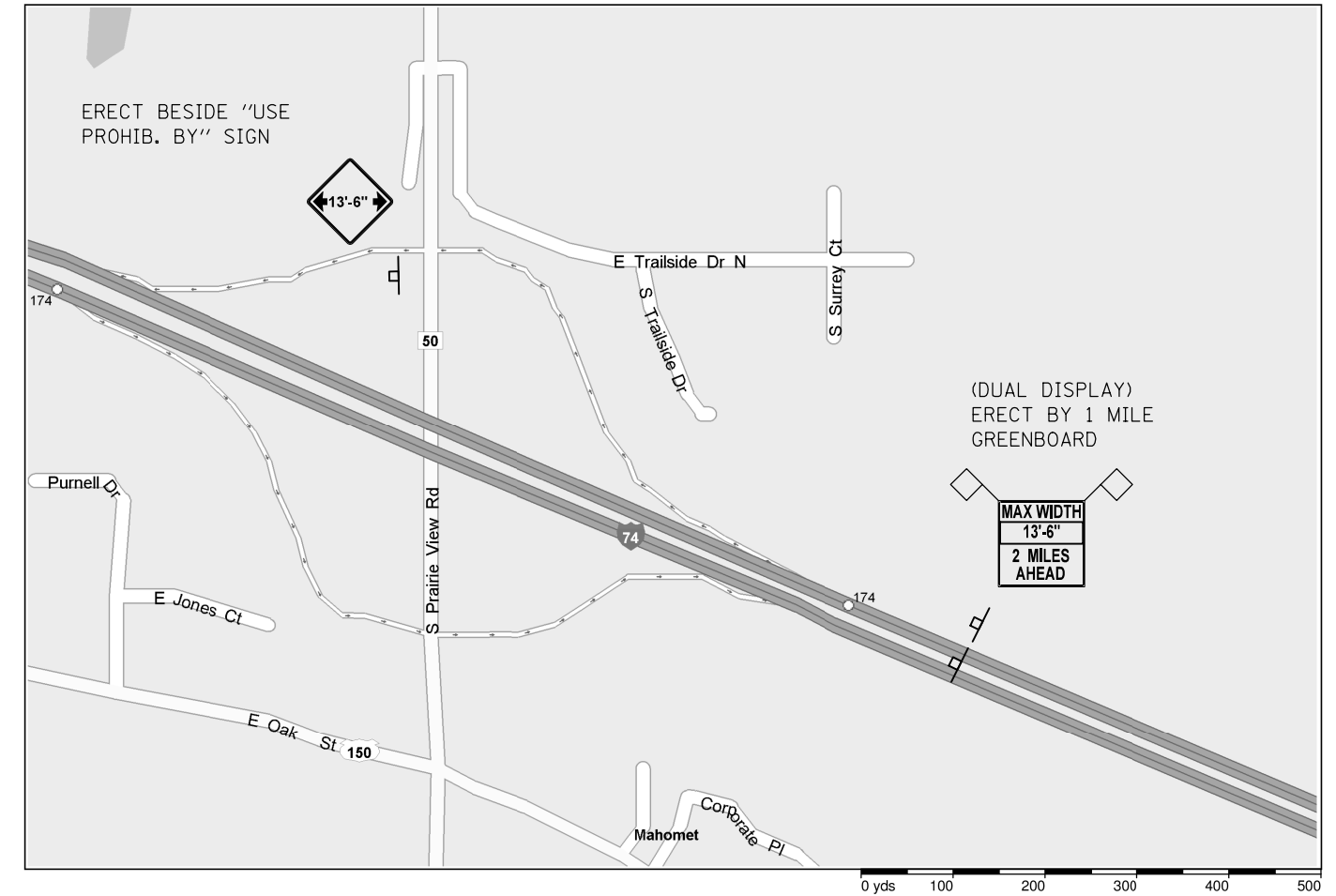


NOTE FOR WIDTH RESTRICTION:
 STAGE I: NO POSTING REQUIRED
 STAGE II: POSTING = 13'-6"



PRAIRIE VIEW ROAD

ERECT BESIDE "USE
 PROHIB. BY" SIGN



NOTE FOR WIDTH RESTRICTION:
 STAGE I: NO POSTING REQUIRED
 STAGE II: POSTING = 13'-6"



* CHAMPAIGN, DOUGLAS, MCLEAN

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
p:\11\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\057\CDRAWING\057\Design\070C54-sht-wrd.dgn		CHECKED -	REVISED -
MODELNAME	PLOT DATE = 10/18/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

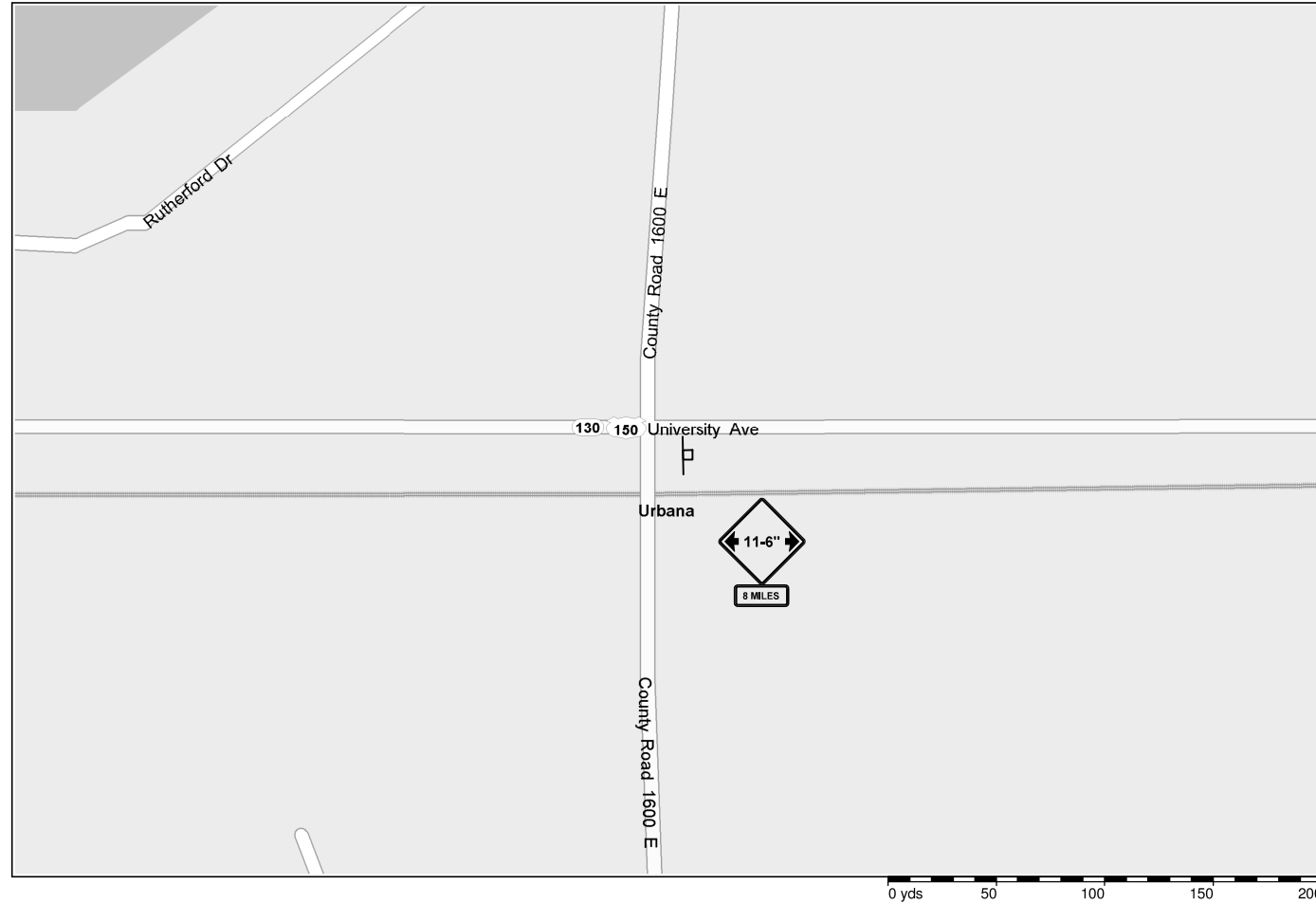
WIDTH RESTRICTION DETAIL

SCALE: SHEET 2 OF 6 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(D5 HSIP 2017I)	*	54	42
			CONTRACT NO. 70C54	
ILLINOIS FED. AID PROJECT				

LOCATION #3
FAS 1512 / (US 150) OVER UNION PACIFIC RAILROAD
AT GLOVER, EAST OF ST. JOSEPH

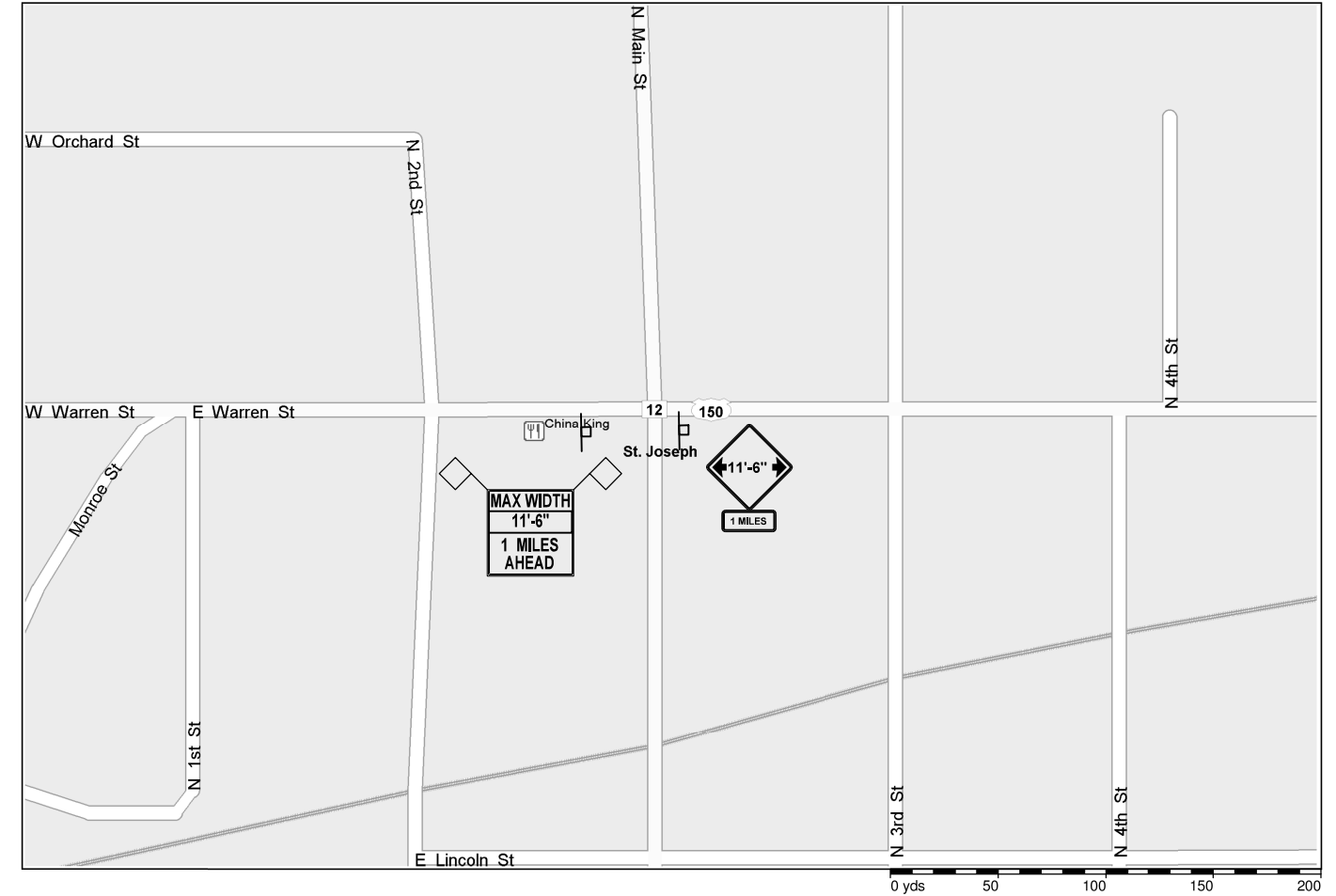
HIGHCROSS ROAD / IL 130



NOTE FOR WIDTH RESTRICTION:
 STAGE I: POSTING = 11'-6"
 STAGE II: POSTING = 11'-6"



ST. JOSEPH



NOTE FOR WIDTH RESTRICTION:
 STAGE I: POSTING = 11'-6"
 STAGE II: POSTING = 11'-6"



* CHAMPAIGN, DOUGLAS, MCLEAN

FILE NAME =	USER NAME = ceorlockjd	DESIGNED -	REVISED -
p:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 5\Projects\057\DRAWING\057\Design\070C54-sht-wrd.dgn		CHECKED -	REVISED -
MODELNAME	PLOT SCALE = 40.0000' / in.	DATE -	REVISED -
	PLOT DATE = 10/18/2017		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WIDTH RESTRICTION DETAIL

SCALE: SHEET 3 OF 6 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(D5 HSIP 2017)I	*	54	43
			CONTRACT NO. 70C54	
ILLINOIS FED. AID PROJECT				

LOCATION #3
FAS 1512 / (US 150) OVER UNION PACIFIC RAILROAD
AT GLOVER, EAST OF ST. JOSEPH

OGDEN



NOTE FOR WIDTH RESTRICTION:
 STAGE I: POSTING = 11'-6"
 STAGE II: POSTING = 11'-6"



0 ycs 200 400 600

* CHAMPAIGN, DOUGLAS, MCLEAN

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
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MODELNAME	PLOT DATE = 10/18/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

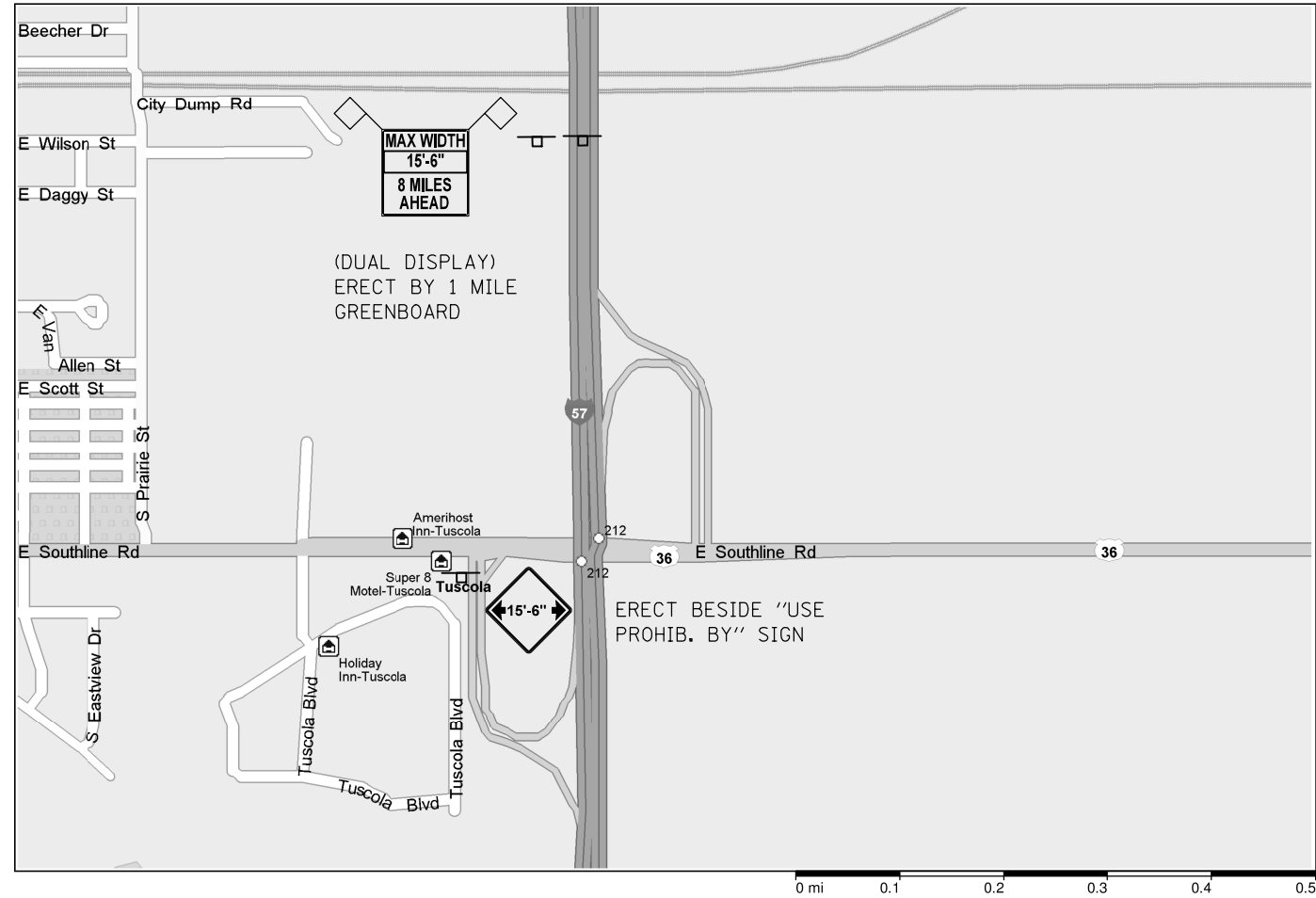
WIDTH RESTRICTION DETAIL

SCALE: SHEET 4 OF 6 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(D5 HSIP 2017)I	*	54	44
			CONTRACT NO. 70C54	
ILLINOIS FED. AID PROJECT				

LOCATION #4
FAI-57 / (I-57) UNDER TR 157D,
NORTH OF ARCOLA

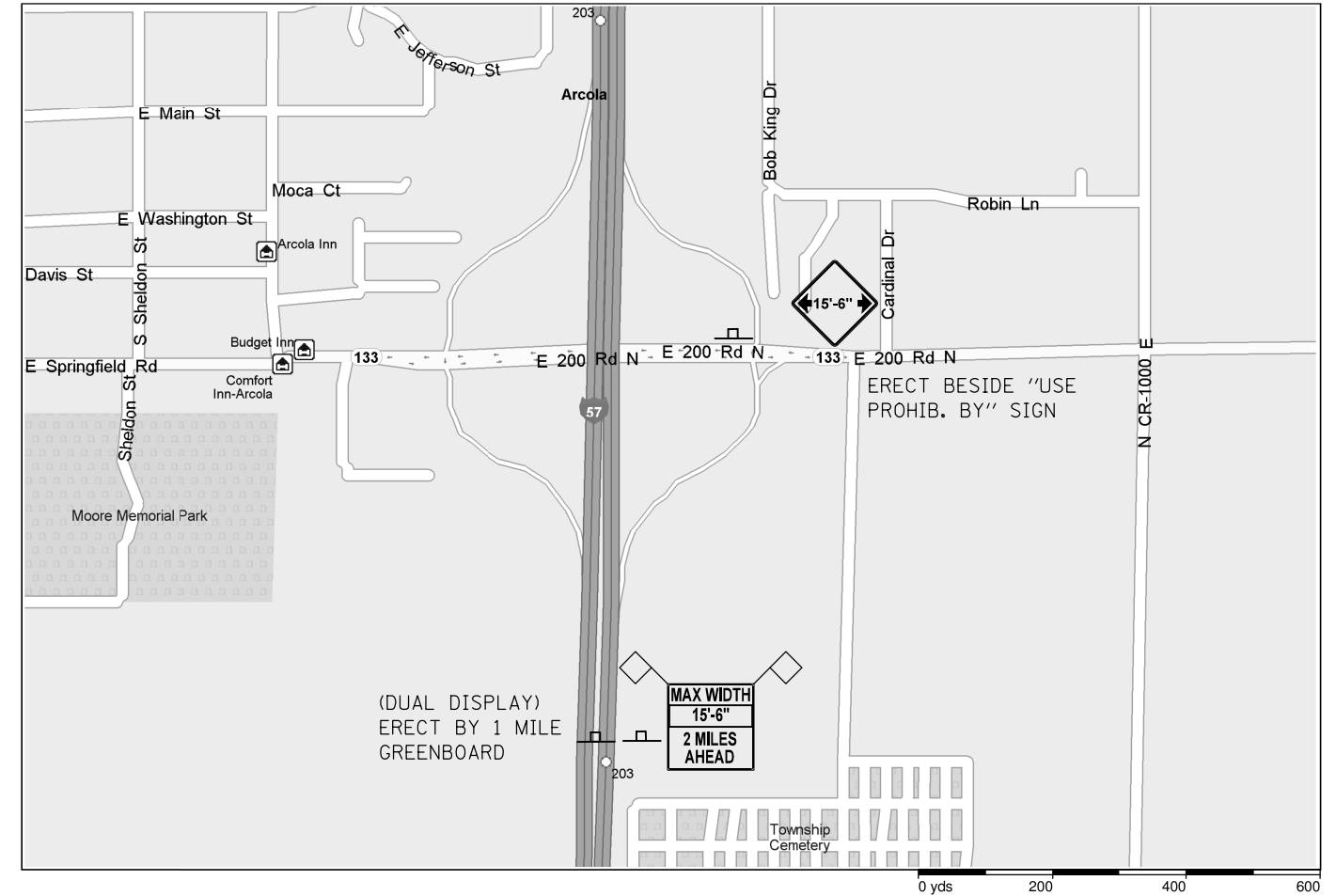
TUSCOLA



NOTE FOR WIDTH RESTRICTION:
 STAGE I: NO POSTING REQUIRED
 STAGE II: POSTING = 15'-6"



ARCOLA



NOTE FOR WIDTH RESTRICTION:
 STAGE I: NO POSTING REQUIRED
 STAGE II: POSTING = 15'-6"



* CHAMPAIGN, DOUGLAS, MCLEAN

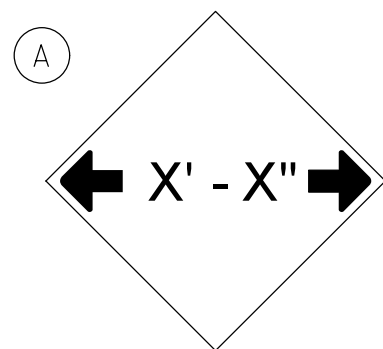
FILE NAME =	USER NAME = ceorlockjd	DESIGNED -	REVISED -
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\$MODELNAME\$	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/18/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

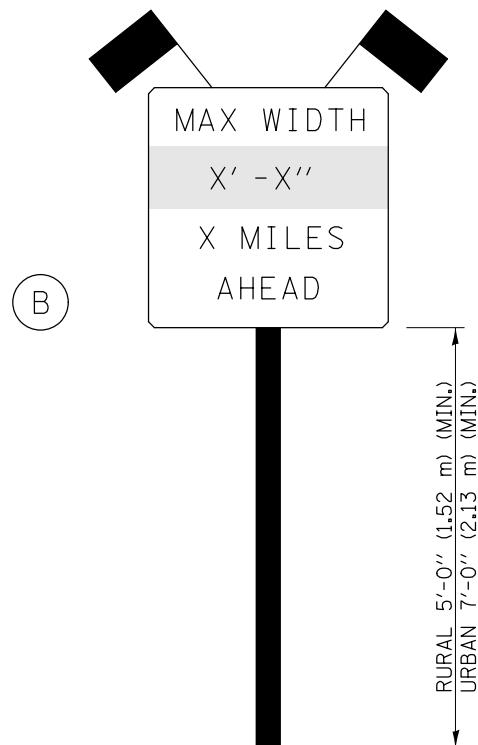
WIDTH RESTRICTION DETAIL

SCALE: SHEET 5 OF 6 SHEETS STA. TO STA.

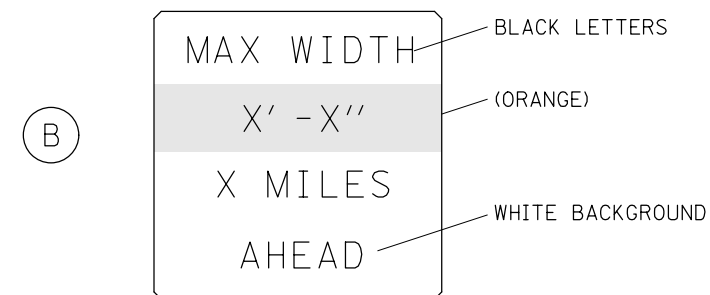
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(05 HSIP 2017)I	*	54	45
			CONTRACT NO. 70C54	
ILLINOIS FED. AID PROJECT				



W12-2(0)-48"x48"(1200x1200)



SIGN PANEL, TYPE II



W12-I103(0)-48"x48"(1200x1200)
"D" LETTERS/NUMBERS

SIGN (A) 2 SIGNS - W12-2(0)-48"x48"(1200x1200) ARE TO BE PLACED AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER.

SIGN (B) 2 SIGNS - (SIGN PANEL, TYPE II) AS SHOWN ARE TO BE PLACED AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER.

GENERAL NOTES

1. ALL TRAFFIC CONTROL DEVICES SHALL BE FURNISHED, ERECTED AND MAINTAINED BY THE CONTRACTOR.
2. ALL (B) SIGNS SHALL HAVE FLAGS INSTALLED UNLESS OTHERWISE DIRECTED.
3. LOCATIONS OF TRAFFIC CONTROL DEVICES MAY BE ADJUSTED BY THE ENGINEER.
4. ALL TRAFFIC CONTROL SHOWN ON THIS SHEET SHALL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE FOR WIDTH RESTRICTION SIGNING.
5. ALL SIGNS SHALL BE POST MOUNTED UNLESS OTHERWISE DIRECTED.
6. ALL SIGNS SHOWN ORANGE (O) SHALL BE FLUORESCENT ORANGE.
7. ALL SIGNS SHOWN SHALL CONSIST OF THE CURRENT RETROREFLECTIVE SHEETING REQUIREMENTS AS OUTLINED IN SECTION 1106.01 OF THE STANDARD SPECIFICATIONS BOOK.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.
• CHAMPAIGN, DOUGLAS, MCLEAN

DISTRICT 5 DETAIL NO. X7200201

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED - 03/11 -KJT
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED - 10/08 - KJT
	PLOT DATE = 10/18/2017	DATE -	REVISED - 7/09 - KJT

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

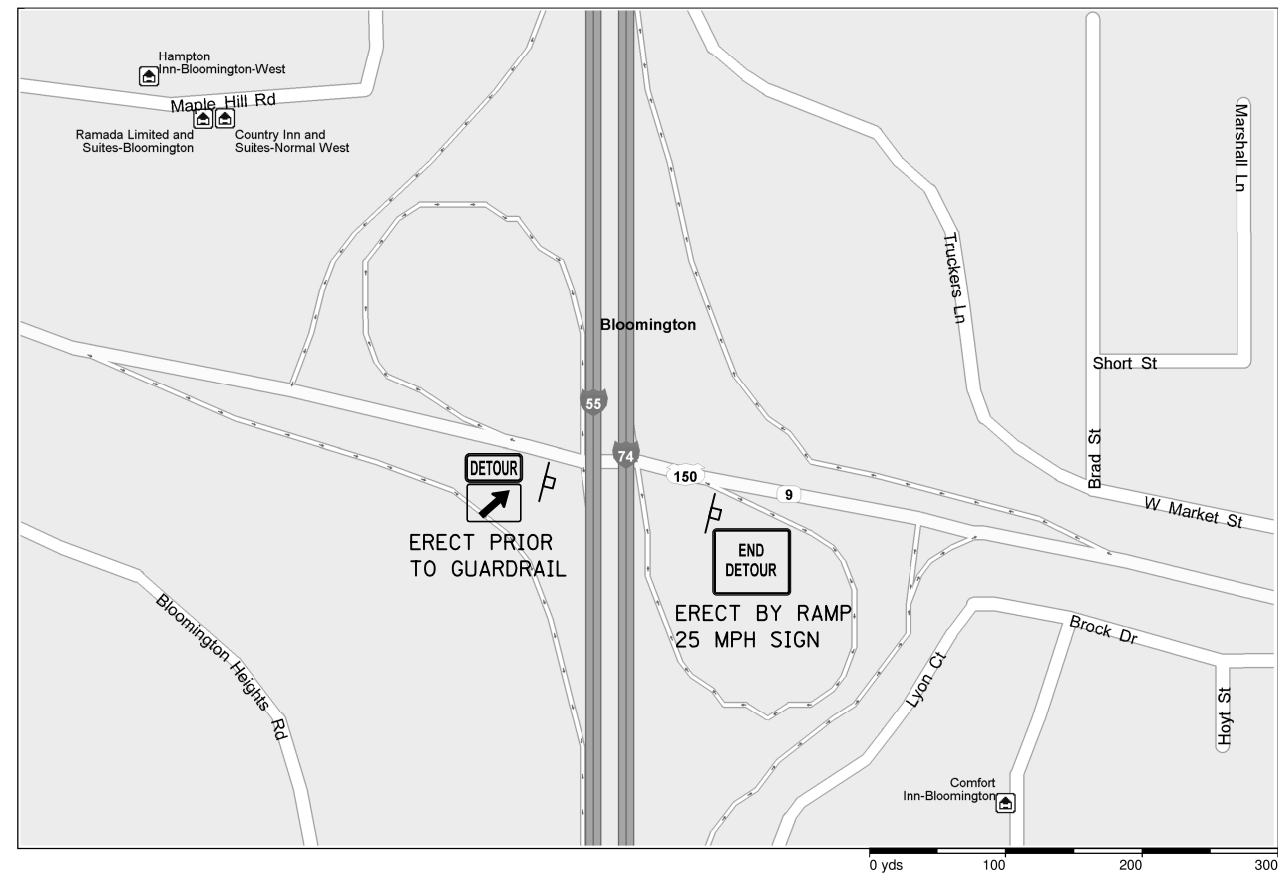
WIDTH RESTRICTION DETAIL

SCALE: SHEET NO. 6 OF 6 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	(D5 HSIP 2017)I	*	54	46
CONTRACT NO. 70C54			ILLINOIS FED. AID PROJECT	

LOCATION #7
FAI-74 / (I-74) EASTBOUND OFF-RAMP TO
I-55 NORTHBOUND IN NORMAL

INTERCHANGE AT IL 9 / US 150 (MARKET ST.)
AND I-55 / I-74



• CHAMPAIGN, DOUGLAS, MCLEAN

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
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\$MODELNAME\$	PLOT DATE = 10/18/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETOUR SIGNING DETAIL

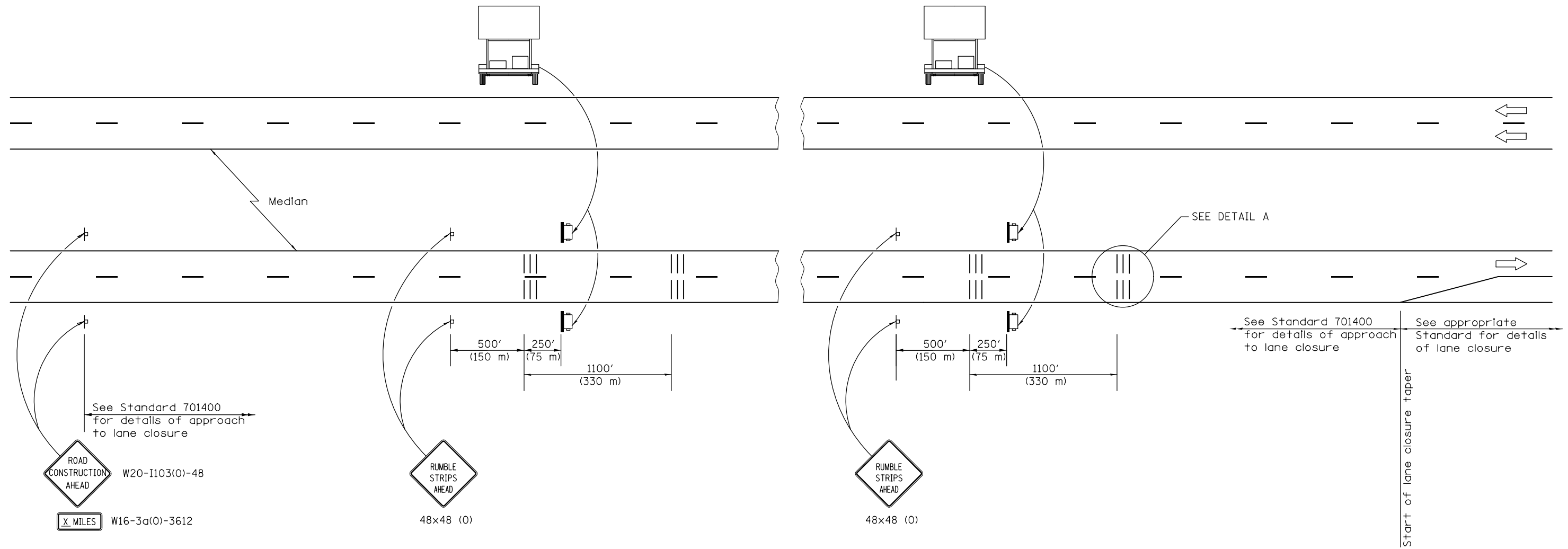
SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(D5 HSIP 2017)I	•	54	48
CONTRACT NO. 70C54			ILLINOIS FED. AID PROJECT	

DETAIL FOR TEMPORARY RUMBLE STRIPS (SPECIAL)

Farthest Upstream
 Smart Changeable Message Signs If Smart Work Zone is used,
 Otherwise located similarly in relationship to the CMS
 required by Standard 701400.

At Intermediate
 Smart Changeable Message Signs If Smart Work Zone is used,
 Otherwise located similarly to "Be Prepared To Stop" signs
 at approximately 1.5 miles in advance of taper.



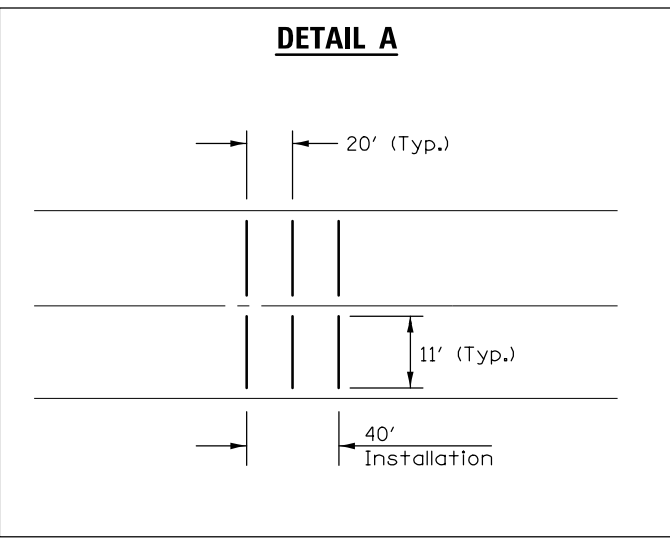
See Standard 701400
 for details of approach
 to lane closure

See Standard 701400
 for details of approach
 to lane closure

See appropriate
 Standard for details
 of lane closure

Start of lane closure taper

DETAIL A



SYMBOLS

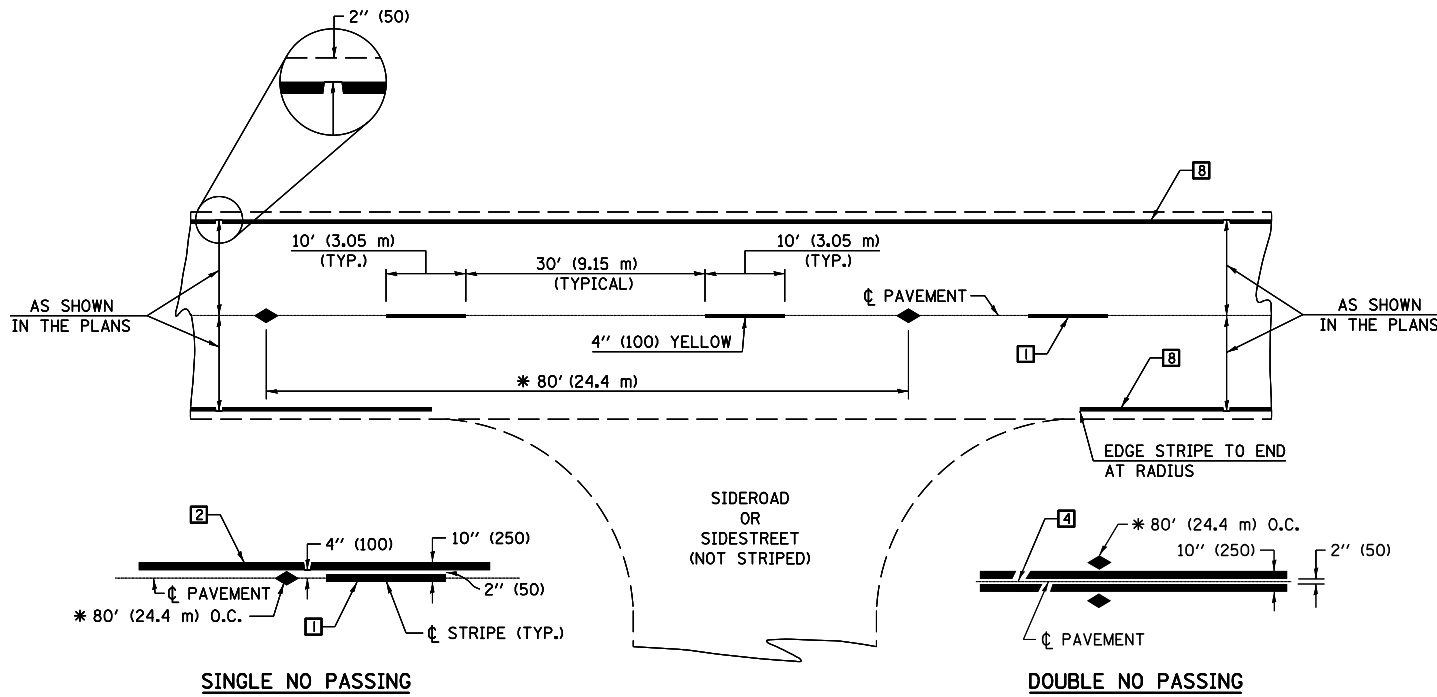
- ▬ Sign
- ||| Temporary Rumble Strips (Special)
- ☐ Trailer Mounted Sign

GENERAL NOTES

Remove the Temporary Rumble Strips (Special) prior to the removal of the advanced warning signs.

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

* CHAMPAIGN, DOUGLAS, MCLEAN



* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.

TWO LANE/TWO WAY

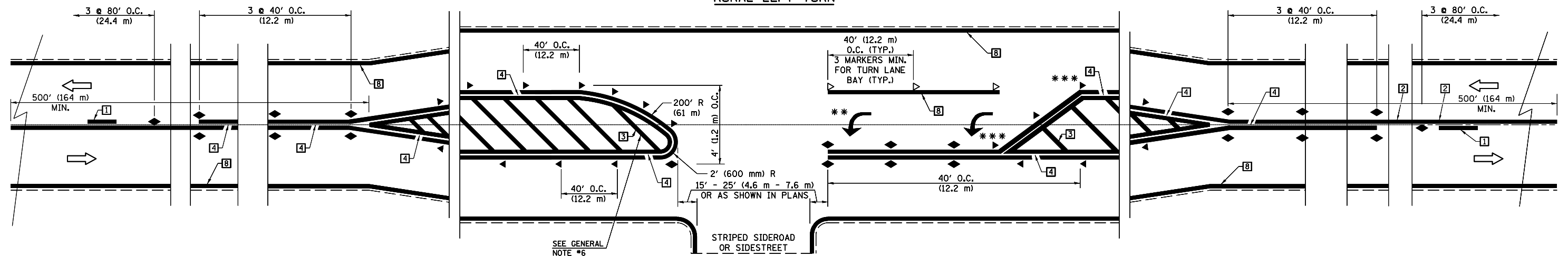
TYPICAL PAVEMENT MARKING LEGEND

- 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)
- 14 4" (100) PARKING WHITE

TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

RURAL LEFT TURN



*** REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.

** TURN ARROWS SHALL BE PLACED AS SHOWN ON SHEET #2.

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

• CHAMPAIGN, DOUGLAS, MCLEAN

DISTRICT 5 DETAIL NO. 7800AAAA

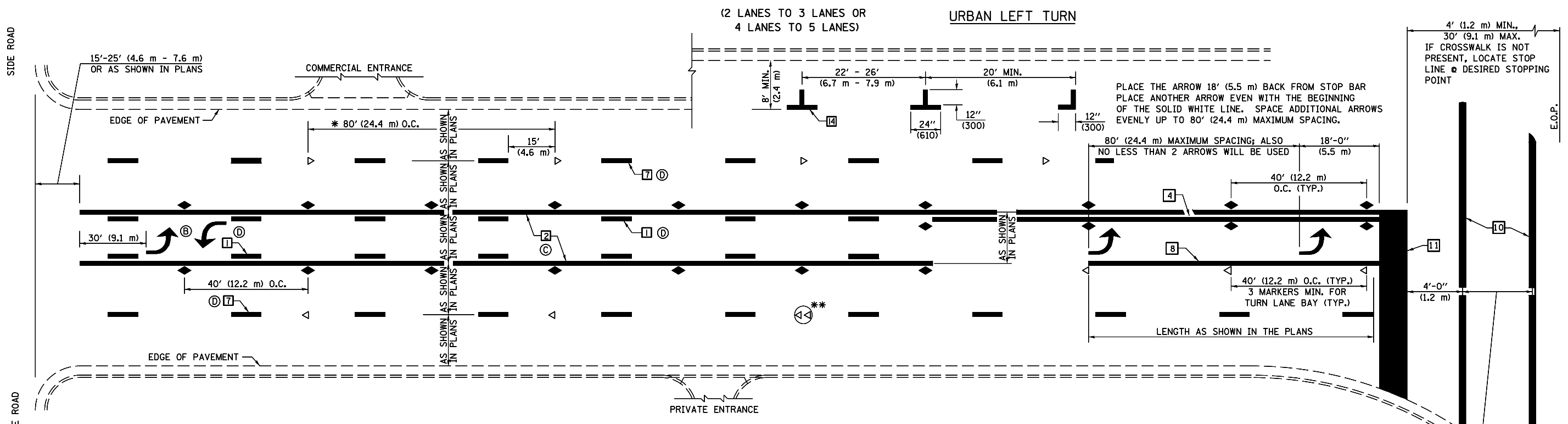
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED - 04/14 - JLA
MODELNAME	PLOT DATE = 10/18/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	(D5 HSIP 2017)I	*	54	51
			CONTRACT NO. 70C54	
ILLINOIS FED. AID PROJECT				

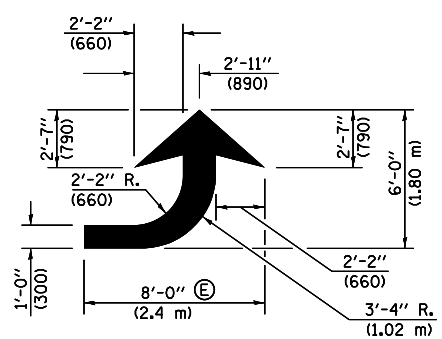


* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

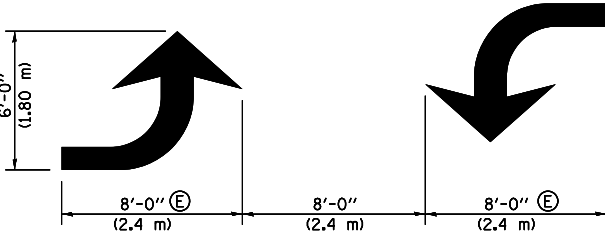
GENERAL NOTES:

- ⓑ TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE.
- ⓒ THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
- ⓓ THE SKIP-DASH PAVEMENT MARKINGS [1] OR [7] SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER. SEE EXAMPLE ON SHEET 2 OF 3.
- ⓔ USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)



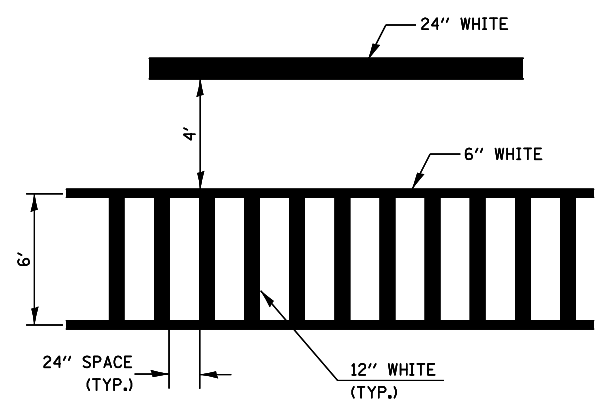
LEFT ARROW

REVERSE FOR RIGHT ARROW
AREA = 15.6 SQ. FT. (1.47 m²)
(WHITE)

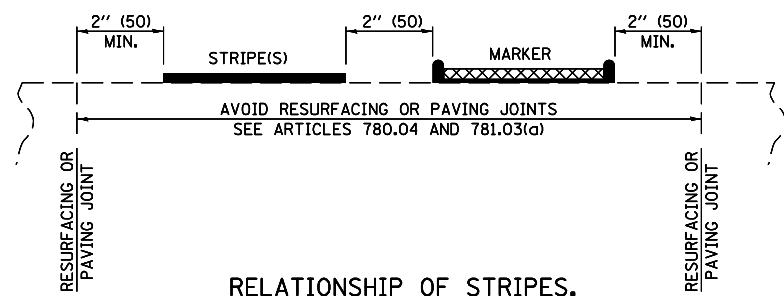


TYPICAL DOUBLE TURN ARROWS (WHITE)

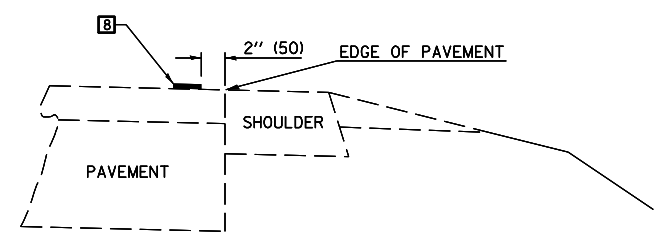
BLOOMINGTON-NORMAL CITY LIMITS ONLY



TYPICAL SPACING FOR CROSSWALKS & STOP BARS



RELATIONSHIP OF STRIPES, MARKERS AND JOINTS



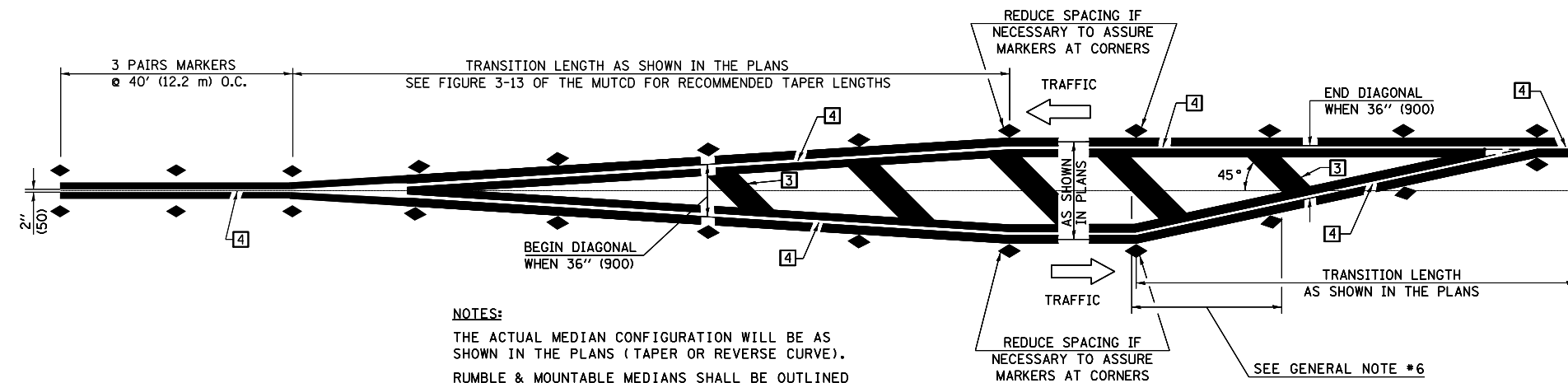
RELATIONSHIP OF EDGE LINE TO EDGE OF PAVEMENT (SAFETY SHOULDER OR PAVED SURFACE) SEE ARTICLE 780.04

CROSSWALK WIDTH 6'-0" (1.8 m) OR AS SHOWN IN THE PLANS

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.
• CHAMPAIGN, DOUGLAS, MCLEAN

DISTRICT 5 DETAIL NO. 7800AAA

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED - 11/06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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MODELNAME	PLotted DATE = 10/18/2017	DATE -	REVISED - 04/14 - JLA			CONTRACT NO. 70C54					
						ILLINOIS FED. AID PROJECT					

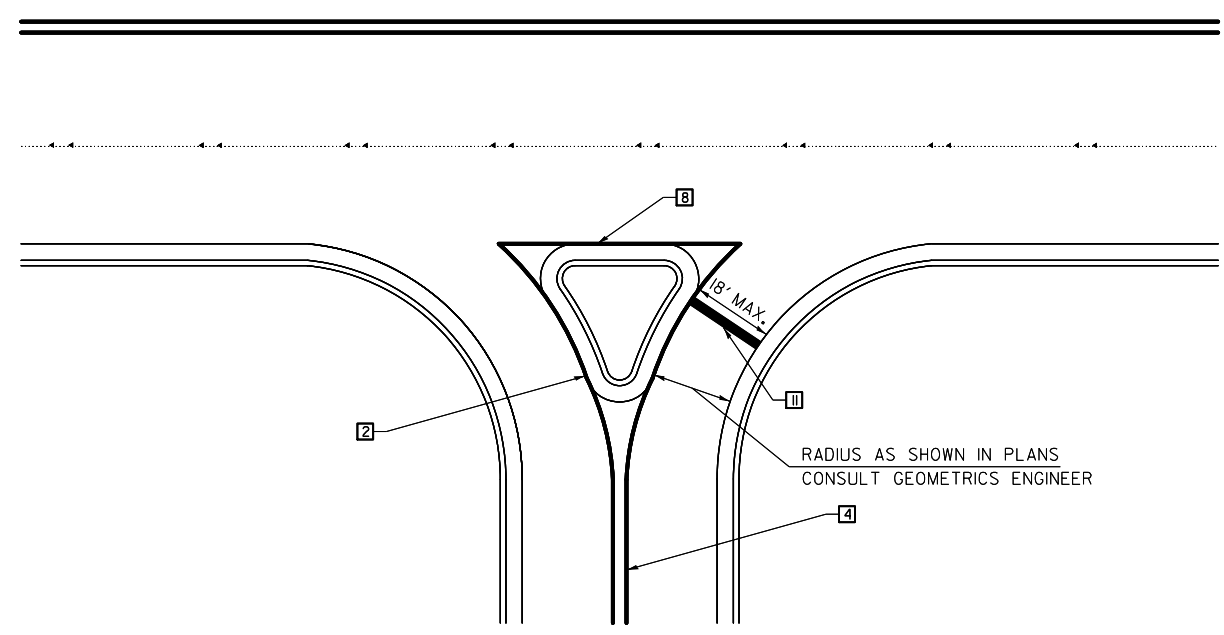


NOTES:
 THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE).
 RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

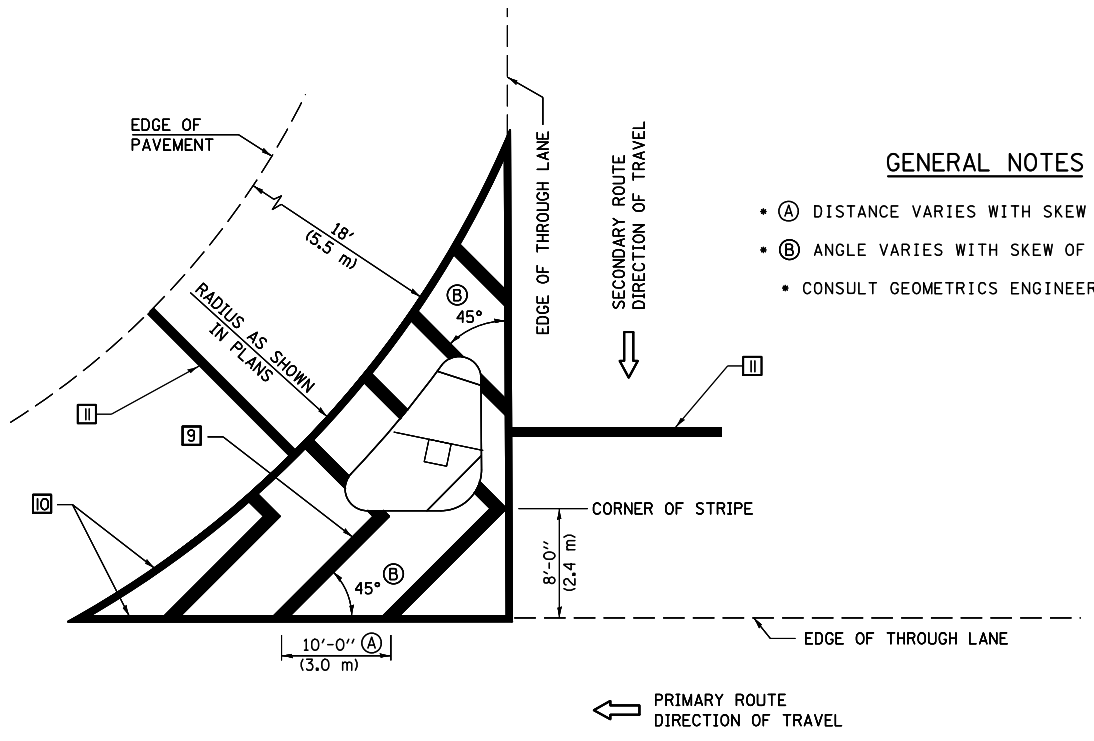
TYPICAL MEDIAN TRANSITIONS

GENERAL NOTES

1. WHEN MEDIANS ARE PRESENT, PAVEMENT MARKINGS ARE TO BE PLACED ADJACENT TO MEDIANS.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. A STRIPING KEY IS AVAILABLE ELSEWHERE AND SHALL BE SHOWN WHERE THE QUANTITIES ARE LISTED.
5. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
6. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING,
 < 30 MPH USE 15' (< 50 km/h USE 4.5 m)
 30-45 MPH USE 20' (50-75 km/h USE 6.0 m)
 > 45 MPH USE 30' (> 75 km/h USE 9.0 m)



RIGHT IN - RIGHT OUT ACCESS



GENERAL NOTES

- (A) DISTANCE VARIES WITH SKEW OF INTERSECTION.
- (B) ANGLE VARIES WITH SKEW OF INTERSECTION.
- CONSULT GEOMETRICS ENGINEER

ISLAND

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.
 • CHAMPAIGN, DOUGLAS, MCLEAN

DISTRICT 5 DETAIL NO. 7800AAAA

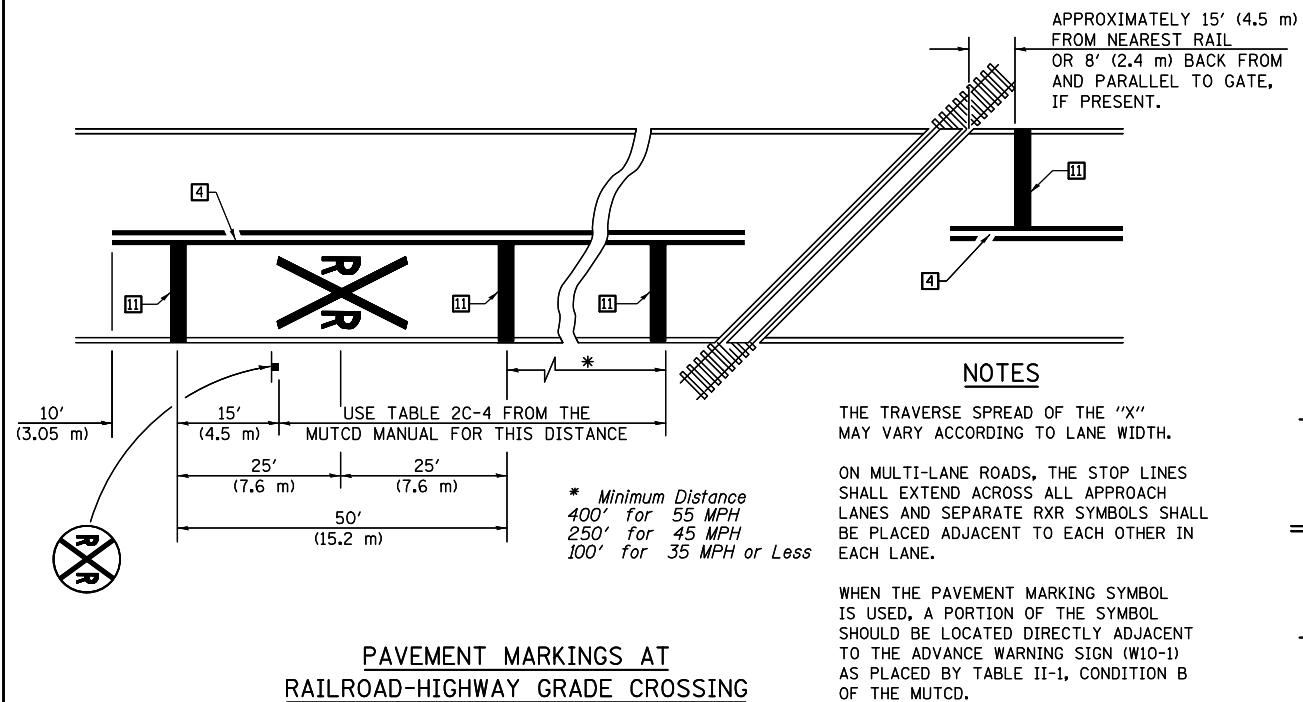
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED - 04/14 - JLA
MODELNAME	PLOT DATE = 10/18/2017	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

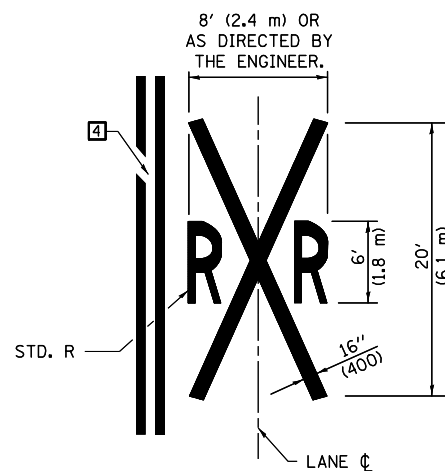
**PAVEMENT MARKING AND MARKERS
 (RURAL & URBAN APPLICATIONS)**

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

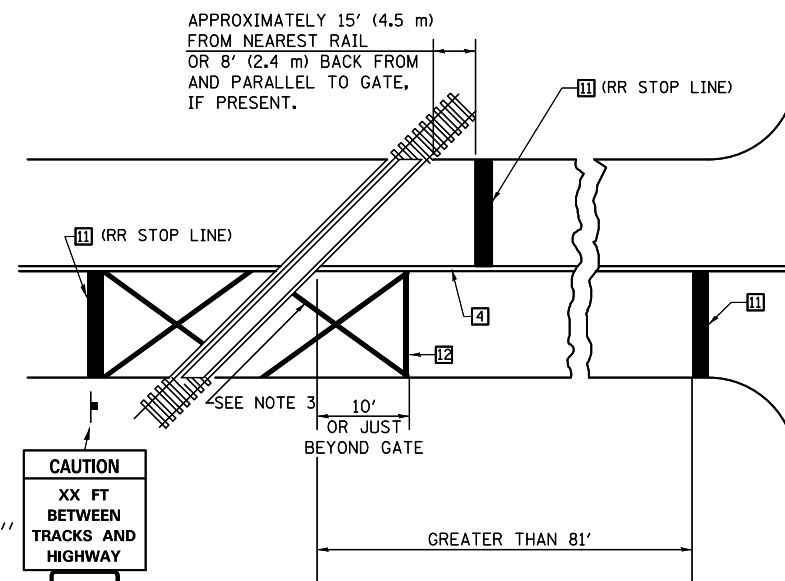
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(D5 HSIP 2017)I	*	54	53
CONTRACT NO. 70C54			ILLINOIS FED. AID PROJECT	



PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING



RAILROAD CROSSING WITH INTERCONNECT ONLY



W10-I100
30" X 36"

CAUTION
XX FT
BETWEEN
TRACKS AND
HIGHWAY

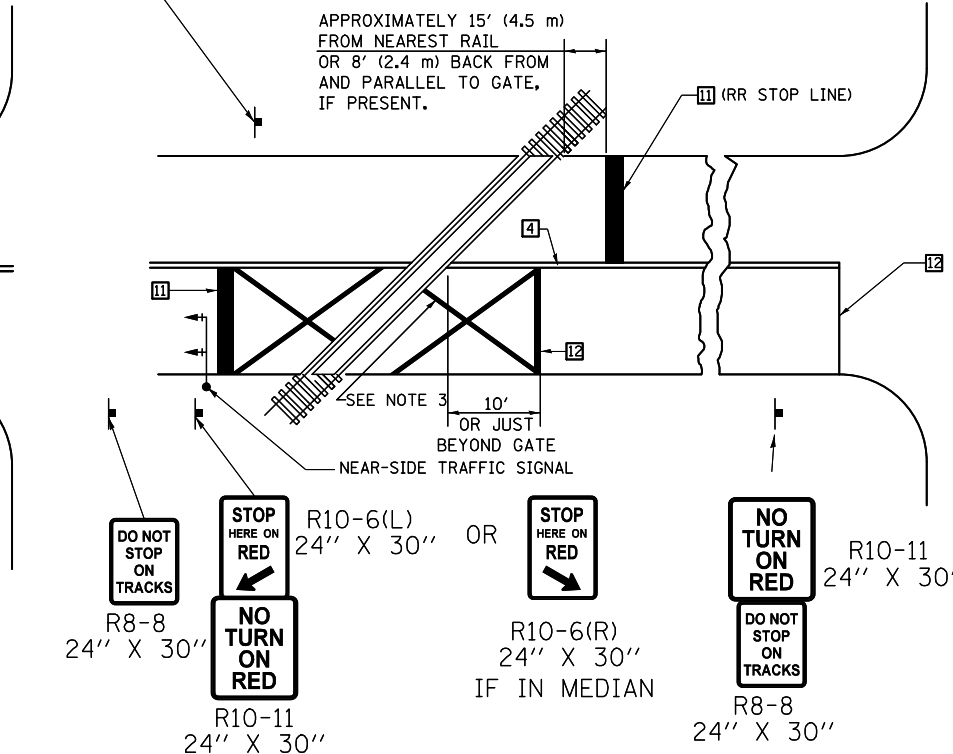
DO NOT
STOP
ON
TRACKS

R8-8
24" X 30"

DO NOT
STOP
ON
TRACKS

(R8-8)
24" X 30"

RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS

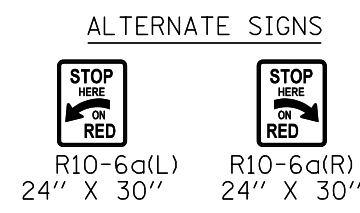


SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

GENERAL NOTES

- SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.
- 6" WHITE PAVEMENT MARKINGS AT 45° TO PAVEMENT, 8' CENTER TO CENTER.
- XX DISTANCE TO BE SHOWN ON SIGN MEASURED FROM A POINT 6 FEET FROM THE RAIL CLOSEST TO THE INTERSECTION OR FROM THE CLOSEST POINT ALONG THE EXIT GATE IF PRESENT OVER THE ROADWAY WHEN IN THE LOWERED POSITION TO THE STOP BAR OR CROSSWALK, WHICH EVER IS CLOSEST, ROUNDED DOWN TO NEAREST 5 FEET. WHERE THERE IS NO STOP LINE, MEASURE TO POINT WHERE DRIVER HAS A VIEW OF APPROACHING TRAFFIC.
- THE CLEARANCE SIGN IS ALSO TO BE USED AS AN INTERIM MEASURE AT LOCATIONS WITH INTERCONNECTED INTERSECTION TRAFFIC SIGNALS WHERE IT IS PLANNED TO CHANGE THEM TO NEAR-SIDE SIGNALS AT A FUTURE TIME. IN THIS CASE, THE DISTANCE TO BE SHOWN ON THE SIGN IS MEASURED FROM THE EDGE OF THE STRIPED-OUT AREA INSTEAD OF 6 FEET FROM THE RAIL. THE SIGN IS TO BE REMOVED WHEN THE NEAR-SIDE SIGNALS ARE INSTALLED AND THE PAVEMENT MARKINGS EXTENDED TO THE INTERSECTION.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.
* CHAMPAIGN, DOUGLAS, MCLEAN



FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED - 11/06
p:\11\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\DOT Offices\District 5\Projects\057\CDRAWING\Design\070C54-shr-details.dgn		REVISIONS	REVISED - 09/2009 - KJT
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED - 04/14 - JLA
MODELNAME	PLOT DATE = 10/18/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)

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

DISTRICT 5 DETAIL NO. 7800AAA			
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
VAR.	(D5 HSIP 2017)I	*	54
			SHEET NO. 54
CONTRACT NO. 70C54			
ILLINOIS FED. AID PROJECT			