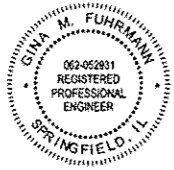


11-21-14 LETTING ITEM 069

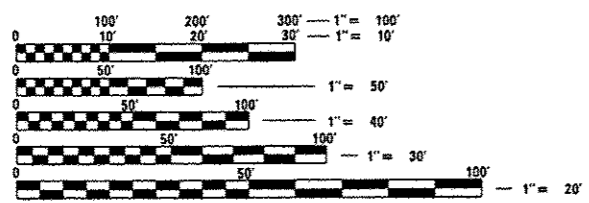
INDEX OF SHEETS

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- 2 INDEX OF STANDARDS AND GENERAL NOTES
- 3-10 SUMMARY OF QUANTITIES
- 11-13 EXISTING AND PROPOSED TYPICAL SECTIONS
- 14-15 SCHEDULE OF QUANTITIES
- 16 ALIGNMENT, TIES AND BENCHMARKS
- 17 ROADWAY PLAN AND PROFILE
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- 22 EROSION, SEDIMENT CONTROL AND GRADING PLAN
- 23 DRAINAGE AND UTILITIES PLAN
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FOR LIST OF HIGHWAY STANDARDS, SEE SHEET NO. 2



Gina M. Fuhrmann 8-7-14
 FUHRMANN ENGINEERING INC.
 GINA M. FUHRMANN
 NO. 062-052931
 EXPIRES 11-30-2015
 SHEETS 1-27 AND 51-65



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

CONSULTANT: FUHRMANN ENGINEERING, INC.
PROJECT ENGINEER: NANCY FASIG
CONSULTANT LIAISON: BRIAN J. HOGAN
 (217) 465-4181
CONTRACT NO. 70540



STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS
**PROPOSED
 HIGHWAY PLANS**

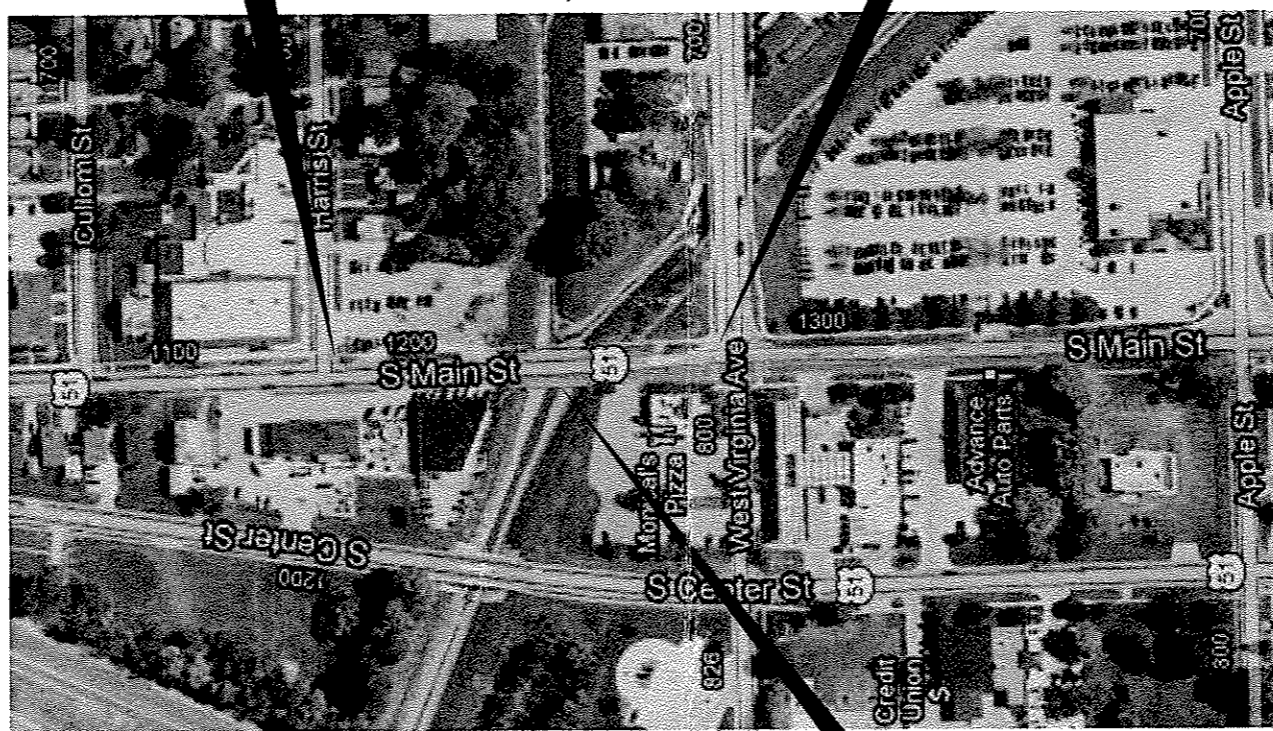
F.A.P. ROUTE 730 (US 51 BUS NB)
 SECTION 62-ZBR
 PROJECT ACNHPP - 0730 (022)
 BRIDGE REPLACEMENT
 MCLEAN COUNTY
 SUGAR CREEK 0.8 MI N OF IL 9

BEGIN IMPROVEMENT
 STA. 195 + 16.00

C-95-043-07

END IMPROVEMENT
 STA. 199 + 76.40

R 2E, 3RD PM



SCALE: 1" = 300'

SE 1/4 OF THE NW 1/4, SEC. 33
 GROSS LENGTH = 99.5 FT. = 0.019 MILE
 NET LENGTH = 99.5 FT. = 0.019 MILE
 DESIGN DESIGNATION = NA

BRIDGE REPLACEMENT
 STA. 197 + 71.43
 EXIST SN 057-0054
 PROP SN 057-0256
 3 SPAN SLAB BRIDGE
 99'-6" BK-BK ABUTMENTS
 SKEW 10° LT. FORWARD

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	62-ZBR	MCLEAN	65	1
		ILLINOIS	CONTRACT NO. 70540	



FUNCTIONAL CLASSIFICATION
 URBAN OTHER PRINCIPAL ARTERIAL
 2011 ADT = 12,600
 P.V. = 95.6% S.U. = 2.8% M.U. = 1.6%
DESIGN SPEED : 35 MPH

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED *August 13, 2014*
Kenneth A. Burnett
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
Oct 17, 2014
John D. Baranzelli, P.E.
 ENGINEER OF DESIGN AND ENVIRONMENT
Oct 17, 2014
Omer Osman, P.E.
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

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.-100B
MICROSTATION AND GEOPAK FILES OF THIS PROJECT WILL BE MADE AVAILABLE TO THE CONTRACTOR AFTER CONTRACT AWARD. IF THERE IS A CONFLICT BETWEEN THE ELECTRONIC FILES AND THE PRINTED CONTRACT PLANS AND DOCUMENTS, THE PRINTED CONTRACT PLANS AND DOCUMENTS SHALL TAKE PRECEDENCE OVER THE ELECTRONIC FILES. THE CONTRACTOR SHALL ACCEPT ALL RISK ASSOCIATED WITH USING THE ELECTRONIC FILES AND SHALL HOLD THE DEPARTMENT HARMLESS FOR ANY ERRORS OR OMISSIONS IN THE ELECTRONIC FILES AND THE DATA CONTAINED THEREIN. ERRORS OR DELAYS RESULTING FROM THE USE OF THE ELECTRONIC FILES BY THE CONTRACTOR SHALL NOT RESULT IN AN EXTENSION OF TIME FOR ANY INTERIM OR FINAL COMPLETION DATE OR SHALL NOT BE CONSIDERED CAUSE FOR ADDITIONAL COMPENSATION. THE CONTRACTOR SHALL NOT USE, SHARE, OR DISTRIBUTE THESE ELECTRONIC FILES EXCEPT FOR THE PURPOSE OF CONSTRUCTING THIS CONTRACT. ANY CLAIMS BY THIRD PARTIES DUE TO USE OR ERRORS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL INCLUDE THIS DISCLAIMER WITH THE TRANSFER OF THESE ELECTRONIC FILES TO ANY OTHER PARTIES AND SHALL INCLUDE APPROPRIATE LANGUAGE BINDING THEM TO SIMILAR RESPONSIBILITIES.

G.N.-105.07B
EXISTING STATE-OWNED AND MAINTAINED UTILITY LINES ARE SHOWN ON THE PLANS TO INDICATE THEIR PRESENCE AND APPROXIMATE LOCATION. THE CONTRACTOR SHALL SECURE AN APPROVED LOCATING FIRM TO LOCATE STATE-OWNED UTILITIES PRIOR TO COMMENCING ANY EXCAVATION IN THE VICINITY OF THESE LINES IN ACCORDANCE TO SECTION 803 OF THE STANDARD SPECIFICATIONS. SHOULD ANY OF THE LINES BE DAMAGED BY THE CONTRACTOR'S OPERATION, THE CONTRACTOR SHALL REPAIR THEM TO THE SATISFACTION OF THE ENGINEER AT NO COST TO THE STATE.

ALSO THERE MAY BE UTILITIES PRESENT WHICH WERE INSTALLED BY THE STATE BUT ARE MAINTAINED BY OTHERS (CITY, TOWN, ETC.) THE APPROXIMATE LOCATIONS OF THESE LINES ARE ALSO SHOWN ON THE PLANS ALONG WITH THE NAME OF THE MAINTAINING AGENCY. THE CONTRACTOR SHALL COORDINATE THE LOCATION OF THESE LINES WITH THE LOCAL AGENCY PRIOR TO COMMENCING ANY EXCAVATION OR BORING IN THEIR VICINITY. SHOULD THESE LINES BE DAMAGED BY THE CONTRACTOR'S OPERATIONS, THE CONTRACTOR SHALL REPAIR THEM TO THE SATISFACTION OF, AND AT NO COST TO, THE LOCAL AGENCY AND THE STATE.

G.N.-105.09A
ALL ELEVATIONS SHOWN IN THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. (NAVD 88)

G.N.107.37A
UTILITY LINES PLOTTED FOR THIS PROJECT WERE LOCATED BY SUBSURFACE UTILITY ENGINEERING (SUE) METHODS AND ESTABLISH HIGH ACCURACY HORIZONTAL DIMENSIONS (QUALITY LEVEL B). HIGHER ACCURACY HORIZONTAL AND VERTICAL INFORMATION (QUALITY LEVEL A) MAY ALSO BE INCLUDED IN THE CONTRACT DOCUMENTS.

UTILITY COMPANIES MAY BE ADJUSTING THEIR FACILITIES DURING CONSTRUCTION. THE CONTRACTOR SHALL COOPERATE WITH THESE ORGANIZATIONS WHILE THESE ADJUSTMENTS ARE BEING PERFORMED. J.U.L.I.E. JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS SYSTEM (800) 892-0123 OR 811.

G.N.-202
GRADING SHALL BE DONE BY HAND AROUND LIGHT POLES, UTILITY POLES, SIGN POSTS, SHRUBS, TREES OR OTHER NATURAL OR MAN-MADE OBJECTS WHERE SHALLOW FILLS OR CUTS ARE ADJACENT TO THE ITEMS. IT IS THE INTENT THAT THE LIMITS OF CONSTRUCTION BE SUCH AS TO PRESERVE IN THE ORIGINAL STATE AS MUCH AREA OF TEMPORARY EASEMENTS AS POSSIBLE. THE DECISION AS TO ITEMS TO REMAIN IN PLACE SHALL BE AS DIRECTED BY THE ENGINEER.

THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

G.N.-250C
SEEDING, CLASS 7 AND MULCH, METHOD 2 IS INCLUDED IN THIS CONTRACT TO SEED NEW EARTH SHOULDERS DURING TIME PERIODS WHEN PERMANENT SEEDING IS NOT ALLOWED. SOME OR ALL OF THE CLASS 7 SEEDING AND MULCH WILL BE DELETED IF IT IS POSSIBLE TO PLACE PERMANENT SEEDING ON EARTH SHOULDERS AT THE TIME OF THEIR COMPLETION.

G.N.-280
TEMPORARY EROSION CONTROL SEEDING IS INCLUDED IN THIS CONTRACT TO SEED DISTURBED EARTH DURING TIME PERIODS WHEN PERMANENT SEEDING IS NOT ALLOWED. SOME OR ALL OF THE TEMPORARY EROSION CONTROL SEEDING WILL BE DELETED IF IT IS POSSIBLE TO PLACE PERMANENT SEEDING ON EARTH AT THE TIME OF THEIR COMPLETION.

G.N.-280A
THE VARIOUS MULCH PAY ITEMS IN THE PLANS INCLUDE QUANTITIES FOR TEMPORARY MULCH FOR EROSION CONTROL. THE TEMPORARY MULCH INCLUDES MAINTENANCE AND REMOVAL IF NECESSARY, PER THE REQUIREMENTS OF ARTICLE 280 OF THE STANDARD SPECIFICATIONS, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. SOME OR ALL OF THE MULCH USED AS TEMPORARY EROSION CONTROL WILL BE DELETED IF IT IS NOT NECESSARY DUE TO ESTABLISHMENT OF PERMANENT SEEDING.

G.N.-406
THE QUANTITIES INCLUDED IN THE PLANS FOR HOT-MIX ASPHALT RESURFACING ARE INTENDED TO GIVE THE COVERAGE SHOWN ON THE TYPICAL CROSS SECTIONS. IT IS NOT INTENDED TO INCREASE THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURE IN ORDER TO USE ALL OF THE QUANTITIES INCLUDED IN THE CONTRACT.

G.N. -406H
MIXTURE REQUIREMENTS

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

LOCATION	F.A.P. 730 (US 51 BUSN NB)	
MIXTURE USE	POLYMERIZED HMA BINDER & FLEXIBLE CONNECTOR	POLYMERIZED HMA SURFACE & INCIDENTAL
AC/PG	SBS 70-22	SBS 70-22
RAP % (MAX)	10%	10%
DESIGN AIR VOIDS	4.0% @ N=90	4.0% @ N=90
MIXTURE COMPOSITION	IL-19.0 F.G.	IL-9.5
FRICTION AGGREGATE	N/A	MIXTURE "D"

G.N.-440B
THE EXISTING TIE BARS BETWEEN THE EXISTING PAVEMENT AND EXISTING MEDIANS, GUTTERS AND/OR COMBINATION CURB AND GUTTERS THAT ARE FOUND SUITABLE FOR REUSE SHALL BE CLEANED, STRAIGHTENED AND INCORPORATED INTO THE NEW CONSTRUCTION. ANY EXISTING TIE BARS THAT ARE FOUND UNSUITABLE TO BE INCORPORATED INTO THE PROPOSED CONSTRUCTION DUE TO EXCESSIVE RUSTING OR DISTRESS SHALL BE REMOVED FLUSH WITH THE FACE OF THE EXISTING CONCRETE AND DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.

THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE VARIOUS REMOVAL PAY ITEMS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

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.-542.07
AT LOCATIONS WHERE END SECTIONS ARE SPECIFIED, CAST-IN-PLACE CONCRETE HEADWALLS WILL NOT BE ALLOWED.

G.N.-550
BEFORE ORDERING STORM SEWERS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR THE EXACT LENGTHS.

G.N.-551
EXISTING STORM SEWERS SHALL BE REMOVED IN ACCORDANCE WITH SECTION 551 OF THE STANDARD SPECIFICATIONS EXCEPT THAT THE CONTRACTOR WILL NOT BE REQUIRED TO SALVAGE ANY EXISTING SEWER PIPE.

G.N.-703A
SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE PAVEMENT AFTER ANY OF THE FOLLOWING: COLD MILLING AND/OR PLACING BITUMINOUS MATERIALS (PRIME COAT), LEVELING BINDER (MACHINE METHOD), BINDER AND SURFACE COURSES. SHORT TERM PAVEMENT MARKING PLACED ON THE SURFACE, SHALL COINCIDE WITH THE FINAL PAVEMENT STRIPING. SHORT TERM PAVEMENT MARKING PLACED PRIOR TO THE SURFACE SHALL COINCIDE WITH THE EXISTING PAVEMENT MARKINGS. USE 4 FEET PER 40 FEET (OR 10% PER STATION).

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 (9 m) 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.

G.N.-2003B
AN ALUMINUM TABLET OF THE TYPE SHOWN ON STANDARD 667101 SHALL BE PLACED ON THE PROPOSED STRUCTURE AS DIRECTED BY THE ENGINEER. THE BENCH MARK ELEVATION WILL BE ESTABLISHED AND MARKED BY THE DEPARTMENT. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR PERMANENT BENCH MARKS.

LIST OF STATE STANDARDS

STANDARD DESCRIPTION NUMBER


000001-06	STANDARDS, SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
353001-04	PCC BASE COURSE WITH HMA BINDER AND SURFACE COURSES
420001-07	PAVEMENT JOINTS
420401-10	BRIDGE APPROACH PAVEMENT CONNECTOR
424001-07	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
442101-07	CLASS B PATCHES
515001-03	NAME PLATE FOR BRIDGES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
602001-02	CATCH BASIN TYPE A
602301-04	INLET TYPE A
602406-06	MANHOLE TYPE A, 6' (1.8 M) DIAMETER
602601-03	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS TYPE 1
604051-03	FRAME AND GRATE TYPE 11
606001-05	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
667101-02	PERMANENT SURVEY MARKERS
701427-02	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS <= 40 MPH
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRANVERSABLE MEDIAN
701801-05	LANE CLOSURE, MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-03	TRAFFIC CONTROL DEVICES
704001-07	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-04	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

VARIABLE BINDER THICKNESS

LOCATION	DEPTH AT C
196+32.8	1.0"
196+40	1.6"
196+50	2.4"
196+60	3.5"
196+70	4.6"
196+80	5.9"
196+86.19	6.8"
198+56.68	8.6"
198+60	8.2"
198+70	7.1"
198+80	5.8"
198+90	4.5"
199+00	3.2"
199+10	2.0"
199+20	1.2"
199+22.3	1.0"

COMMITMENTS

THERE ARE NO COMMITMENTS FOR THIS CONTRACT

	USER NAME * hgggnj	DESIGNED - MRS	REVISED BJK 7/28/2014	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FILE NAME * #FILES#	DRAWN - MRS	REVISOR			730	62-ZBR	MCLEAN	65	2
<small>2402 South 11th Street Peoria, Illinois 61614 (317) 622-2277</small>	PLOT SCALE * 2,0000' / 1"	CHECKED - AJK	REVISOR	SCALE: N/A	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 70540		
	PLOT DATE * 8/13/2014	DATE - 1/25/13	REVISOR	ILLINOIS FED. AID PROJECT						

LOCATION OF WORK:

S.N. 057-0256

FAP 730 (US 51 BUS)

FAP 730 (US 51 BUS)

URBAN MULTILANE

URBAN MULTILANE

URBAN MULTILANE

OTHER PRINCIPAL ARTERIAL

OTHER PRINCIPAL ARTERIAL

OTHER PRINCIPAL ARTERIAL

STA. 196+92.19 TO STA. 198+50.68

STA. 195+16.00 TO STA. 199+76.40

STA. 195+16.00 TO STA. 199+76.40

MCLEAN COUNTY

MCLEAN COUNTY

MCLEAN COUNTY

FUNDING BREAKOUT:

80% FEDERAL

80% FEDERAL

100% BLOOMINGTON-NORMAL

20% STATE

20% STATE

WATER RECLAMATION DISTRICT

CONSTRUCTION TYPE CODE:

0011

0004

0043

CODE NO.	ITEM	UNIT	TOTAL QUANTITY			
20200100	EARTH EXCAVATION	CU YD	570.0	0.0	570.0	0.0
20300100	CHANNEL EXCAVATION	CU YD	105.0	105.0	0.0	0.0
20800150	TRENCH BACKFILL	CU YD	60.0	0.0	60.0	0.0
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	1,175.0	0.0	1,175.0	0.0
25000350	SEEDING, CLASS 7	ACRE	0.75	0.00	0.75	0.00
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	15.0	0.0	15.0	0.0
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	15.0	0.0	15.0	0.0
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	15.0	0.0	15.0	0.0
25100115	MULCH, METHOD 2	ACRE	0.75	0.00	0.75	0.00
25200100	SODDING	SQ YD	1,175.0	0.0	1,175.0	0.0
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1,250.0	0.0	1,250.0	0.0
28000305	TEMPORARY DITCH CHECKS	FOOT	170.0	0.0	170.0	0.0
28000400	PERIMETER EROSION BARRIER	FOOT	830.0	0.0	830.0	0.0
28000500	INLET AND PIPE PROTECTION	EACH	4.0	0.0	4.0	0.0

• DENOTES SPECIALTY ITEM

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
or\p\work\pvd\dat\ceerlockjd\0379563\070540-hst003-009-500.dgn	PLOT SCALE = 40.0000 "/>											
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		DATE -	REVISED -							CONTRACT NO. 70540		

LOCATION OF WORK:

S.N. 057-0256

FAP 730 (US 51 BUS)

FAP 730 (US 51 BUS)

URBAN MULTILANE

URBAN MULTILANE

URBAN MULTILANE

OTHER PRINCIPAL ARTERIAL

OTHER PRINCIPAL ARTERIAL

OTHER PRINCIPAL ARTERIAL

STA. 196+92.19 TO STA. 198+50.68

STA. 195+16.00 TO STA. 199+76.40

STA. 195+16.00 TO STA. 199+76.40

MCLEAN COUNTY

MCLEAN COUNTY

MCLEAN COUNTY

FUNDING BREAKOUT:

80% FEDERAL

80% FEDERAL

100% BLOOMINGTON-NORMAL

20% STATE

20% STATE

WATER RECLAMATION DISTRICT

CONSTRUCTION TYPE CODE:

0011

0004

0043

CODE NO.	ITEM	UNIT	TOTAL QUANTITY			
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	180.0	0.0	180.0	0.0
35400400	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 9"	SQ YD	61.0	0.0	61.0	0.0
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	560.0	0.0	560.0	0.0
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	500.0	0.0	500.0	0.0
40600990	TEMPORARY RAMP	SQ YD	130.0	0.0	130.0	0.0
40603243	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, FG, N90	TON	110.0	0.0	110.0	0.0
40603545	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	TON	90.0	0.0	90.0	0.0
40800025	BITUMINOUS MATERIALS (PRIME COAT)	POUND	10.0	0.0	10.0	0.0
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	5.0	0.0	5.0	0.0
42001430	BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)	SQ YD	43.0	0.0	43.0	0.0
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	100.0	0.0	100.0	0.0
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	1,454.0	0.0	1,454.0	0.0
42400800	DETECTABLE WARNINGS	SQ FT	49.0	0.0	49.0	0.0
44000100	PAVEMENT REMOVAL	SQ YD	481.0	0.0	481.0	0.0

* DENOTES SPECIALTY ITEM

FILE NAME *	USER NAME * hoganbj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\p\work\p\dot\hoganbj\02379563\0577	48-hat(223-029-500.dgn	DRAWN -	REVISED -		730	62-ZBR	MCLEAN	65	4				
#MODELNAME*	PLOT SCALE * 48.0000 ' / in.	CHECKED -	REVISED -		SCALE: SHEET 2 OF 8 SHEETS STA. TO STA.				CONTRACT NO. 70540				
	PLOT DATE * 8/12/2014	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

LOCATION OF WORK:

S.N. 057-0256

FAP 730 (US 51 BUS)

FAP 730 (US 51 BUS)

URBAN MULTILANE

URBAN MULTILANE

URBAN MULTILANE

OTHER PRINCIPAL ARTERIAL

OTHER PRINCIPAL ARTERIAL

OTHER PRINCIPAL ARTERIAL

STA. 196+92.19 TO STA. 198+50.68

STA. 195+16.00 TO STA. 199+76.40

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MCLEAN COUNTY

MCLEAN COUNTY

MCLEAN COUNTY

FUNDING BREAKOUT:

80% FEDERAL

80% FEDERAL

100% BLOOMINGTON-NORMAL

20% STATE

20% STATE

WATER RECLAMATION DISTRICT

CONSTRUCTION TYPE CODE:

0011

0004

0043

CODE NO.	ITEM	UNIT	TOTAL QUANTITY			
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	430.0	0.0	430.0	0.0
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	565.0	0.0	565.0	0.0
44000600	SIDEWALK REMOVAL	SQ FT	1,610.0	0.0	1,610.0	0.0
44201007	CLASS B PATCHES, TYPE II, 13 INCH	SQ YD	21.0	0.0	21.0	0.0
44201299	DOWEL BARS 1 1/2"	EACH	55.0	0.0	55.0	0.0
44213200	SAW CUTS	FOOT	130.0	0.0	130.0	0.0
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1.0	1.0	0.0	0.0
50200100	STRUCTURE EXCAVATION	CU YD	344.0	261.2	0.0	82.8
50201101	COFFERDAM (TYPE 1) (LOCATION - 1)	EACH	1.0	1.0	0.0	0.0
50201102	COFFERDAM (TYPE 1) (LOCATION - 2)	EACH	1.0	1.0	0.0	0.0
50300100	FLOOR DRAINS	EACH	4.0	4.0	0.0	0.0
50300225	CONCRETE STRUCTURES	CU YD	149.3	149.3	0.0	0.0
50300255	CONCRETE SUPERSTRUCTURE	CU YD	446.6	446.6	0.0	0.0
50300260	BRIDGE DECK GROOVING	SQ YD	564.0	564.0	0.0	0.0

* DENOTES SPECIALTY ITEM

FILE NAME :	USER NAME : oeejlookjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pvc\work\pvidot\oeejlookjd\0379563\070540-414803-009-501.dgn		DRAWN -	REVISED -		730	62-ZBR	MCLEAN	65	5				
PLOT SCALE = 40.0000' / 1"		CHECKED -	REVISED -		SCALE:				SHEET 3 OF 8 SHEETS STA. TO STA.				
PLOT DATE = 8/12/2014		DATE -	REVISED -						ILLINOIS FED. AID PROJECT CONTRACT NO. 70540				

LOCATION OF WORK:

S.N. 057-0256

FAP 730 (US 51 BUS)

FAP 730 (US 51 BUS)

URBAN MULTILANE

URBAN MULTILANE

URBAN MULTILANE

OTHER PRINCIPAL ARTERIAL

OTHER PRINCIPAL ARTERIAL

OTHER PRINCIPAL ARTERIAL

STA. 196+92.19 TO STA. 198+50.68

STA. 195+16.00 TO STA. 199+76.40

STA. 195+16.00 TO STA. 199+76.40

MCLEAN COUNTY

MCLEAN COUNTY

MCLEAN COUNTY

FUNDING BREAKOUT:

80% FEDERAL

80% FEDERAL

100% BLOOMINGTON-NORMAL

20% STATE

20% STATE

WATER RECLAMATION DISTRICT

CONSTRUCTION TYPE CODE:

0011

0004

0043

CODE NO.	ITEM	UNIT	TOTAL QUANTITY			
50300300	PROTECTIVE COAT	SQ YD	886.0	886.0	0.0	0.0
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	136,510	133,500	0.0	3,010.0
50800515	BAR SPLICERS	EACH	565.0	565.0	0.0	0.0
50900105	ALUMINUM RAILING, TYPE L	FOOT	253.0	253.0	0.0	0.0
51100100	SLOPE WALL 4 INCH	SQ YD	971.0	971.0	0.0	0.0
51200958	FURNISHING METAL SHELL PILES 14" X 0.250"	FOOT	1,014.0	1,014.0	0.0	0.0
51202305	DRIVING PILES	FOOT	1,014.0	1,014.0	0.0	0.0
51203200	TEST PILE METAL SHELLS	EACH	4.0	4.0	0.0	0.0
51204650	PILE SHOES	EACH	32.0	32.0	0.0	0.0
51500100	NAME PLATES	EACH	1.0	1.0	0.0	0.0
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1.0	0.0	1.0	0.0
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	1.0	0.0	1.0	0.0
550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	FOOT	53.0	0.0	53.0	0.0
550A2600	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 36"	FOOT	55.0	0.0	55.0	0.0

* DENOTES SPECIALTY ITEM

FILE NAME =	USER NAME = gwrjaskjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
or:\p\work\p\dot\ear\askjd\0379603\0	70540-ht003-209-500.dgn	DRAWN -	REVISED -		730	62-ZBR	MCLEAN	65	6				
#MODELNAME#	PLOT SCALE = 48,0000' / in.	CHECKED -	REVISED -		SCALE: SHEET 4 OF 8 SHEETS STA. TO STA.				CONTRACT NO. 70540				
	PLOT DATE = 8/12/2014	DATE -	REVISED -						ILLINOIS FED. AID PROJECT				

LOCATION OF WORK:

S.N. 057-0256

FAP 730 (US 51 BUS)

FAP 730 (US 51 BUS)

URBAN MULTILANE

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OTHER PRINCIPAL ARTERIAL

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OTHER PRINCIPAL ARTERIAL

STA. 196+92.19 TO STA. 198+50.68

STA. 195+16.00 TO STA. 199+76.40

STA. 195+16.00 TO STA. 199+76.40

MCLEAN COUNTY

MCLEAN COUNTY

MCLEAN COUNTY

FUNDING BREAKOUT:

80% FEDERAL

80% FEDERAL

100% BLOOMINGTON-NORMAL

20% STATE

20% STATE

WATER RECLAMATION DISTRICT

CONSTRUCTION TYPE CODE:

0011

0004

0043

CODE NO.	ITEM	UNIT	TOTAL QUANTITY			
55101600	STORM SEWER REMOVAL 36"	FOOT	61.0	0.0	61.0	0.0
59100100	GEOCOMPOSITE WALL DRAIN	SO YD	53.0	53.0	0.0	0.0
60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2.0	0.0	2.0	0.0
60223700	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2.0	0.0	2.0	0.0
60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	2.0	0.0	2.0	0.0
60500060	REMOVING INLETS	EACH	1.0	0.0	1.0	0.0
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	640.0	0.0	640.0	0.0
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MD	9.0	0.0	9.0	0.0
67100100	MOBILIZATION	L SUM	1.0	0.0	1.0	0.0
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1.0	0.0	1.0	0.0
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1.0	0.0	1.0	0.0
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1.0	1.0	0.0	0.0
70300100	SHORT TERM PAVEMENT MARKING	FOOT	130.0	0.0	130.0	0.0
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	25.0	0.0	25.0	0.0

* DENOTES SPECIALTY ITEM

FILE NAME *	USER NAME * eee100kjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cd:\pwwork\pwwork\eee100kjd\0579563\0	70540-shs203-089-500.dgn	DRAWN -	REVISED -		730	62-ZBR	MCLEAN	65	7				
	PLOT SCALE * 48.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET 5 OF 8 SHEETS STA. TO STA.				CONTRACT NO. 70540				
#MODELNAME*	PLOT DATE * 0/12/2014	DATE -	REVISED -						ILLINOIS FED. AID PROJECT				

LOCATION OF WORK:

S.N. 057-0256

FAP 730 (US 51 BUS)

FAP 730 (US 51 BUS)

URBAN MULTILANE

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OTHER PRINCIPAL ARTERIAL

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STA. 196+92.19 TO STA. 198+50.68

STA. 195+16.00 TO STA. 199+76.40

STA. 195+16.00 TO STA. 199+76.40

MCLEAN COUNTY

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MCLEAN COUNTY

FUNDING BREAKOUT:

80% FEDERAL

80% FEDERAL

100% BLOOMINGTON-NORMAL

20% STATE

20% STATE

WATER RECLAMATION DISTRICT

CONSTRUCTION TYPE CODE:

0011

0004

0043

CODE NO.	ITEM	UNIT	TOTAL QUANTITY			
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	2,200.0	0.0	2,200.0	0.0
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	158.0	0.0	158.0	0.0
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	233.0	0.0	233.0	0.0
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	160.0	160.0	0.0	0.0
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	940.0	0.0	940.0	0.0
70400100	TEMPORARY CONCRETE BARRIER	FOOT	287.5	287.5	0.0	0.0
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	287.5	287.5	0.0	0.0
70600240	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 2	EACH	1.0	1.0	0.0	0.0
70600340	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 2	EACH	1.0	1.0	0.0	0.0
* 72000100	SIGN PANEL - TYPE 1	SQ FT	9.0	0.0	9.0	0.0
* 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	8.0	0.0	8.0	0.0
* 72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	8.0	0.0	8.0	0.0
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	32.0	0.0	32.0	0.0
* 78003100	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS AND SYMBOLS	SQ FT	25.0	0.0	25.0	0.0

* DENOTES SPECIALTY ITEM

FILE NAME =	USER NAME = eanlockj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
al:\pwork\pvidat\eeerlockj\108379503\078549-ah1203-204-S00.dgn		DRAWN -	REVISED -		730	62-ZBR	MCLEAN	65	8				
PLOT SCALE = 40.0000 ' / in.		CHECKED -	REVISED -		SCALE: SHEET 6 OF 8 SHEETS STA. TO STA.				CONTRACT NO. 70540				
PLOT DATE = 8/12/2014		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

LOCATION OF WORK:

S.N. 057-0256

FAP 730 (US 51 BUS)

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URBAN MULTILANE

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MCLEAN COUNTY

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FUNDING BREAKOUT:

80% FEDERAL

80% FEDERAL

100% BLOOMINGTON-NORMAL

20% STATE

20% STATE

WATER RECLAMATION DISTRICT

CONSTRUCTION TYPE CODE:

0011

0004

0043

CODE NO.	ITEM	UNIT	TOTAL QUANTITY			
• 78004210	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 4"	FOOT	80.0	0.0	80.0	0.0
• 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	490.0	0.0	490.0	0.0
• 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	158.0	0.0	158.0	0.0
• 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	233.0	0.0	233.0	0.0
• 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	4.0	0.0	4.0	0.0
• 78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	2.0	2.0	0.0	0.0
• 78200100	MONODIRECTIONAL PRISMATIC BARRIER REFLECTOR	EACH	26.0	26.0	0.0	0.0
78300100	PAVEMENT MARKING REMOVAL	SQ FT	220.0	0.0	220.0	0.0
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	4.0	0.0	4.0	0.0
• X0323577	SANITARY SEWER TELEVISION INSPECTION, VIDEOTAPING AND RECORDING	FOOT	430.0	0.0	0.0	430.0
X5030225	CONCRETE STRUCTURES (SPECIAL)	CU YD	59.9	0.0	0.0	59.9
X5860110	GRANULAR BACKFILL FOR STRUCTURES	CU YD	113.0	113.0	0.0	0.0
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	20.0	0.0	20.0	0.0
X7200201	WIDTH RESTRICTION SIGNING	L SUM	1.0	1.0	0.0	0.0
• DENOTES SPECIALTY ITEM						

LOCATION OF WORK:

S.N. 057-0256

FAP 730 (US 51 BUS)

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OTHER PRINCIPAL ARTERIAL

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STA. 196+92.19 TO STA. 198+50.68

STA. 195+16.00 TO STA. 199+76.40

STA. 195+16.00 TO STA. 199+76.40

MCLEAN COUNTY

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MCLEAN COUNTY

FUNDING BREAKOUT:

80% FEDERAL

80% FEDERAL

100% BLOOMINGTON-NORMAL

20% STATE

20% STATE

WATER RECLAMATION DISTRICT

CONSTRUCTION TYPE CODE:

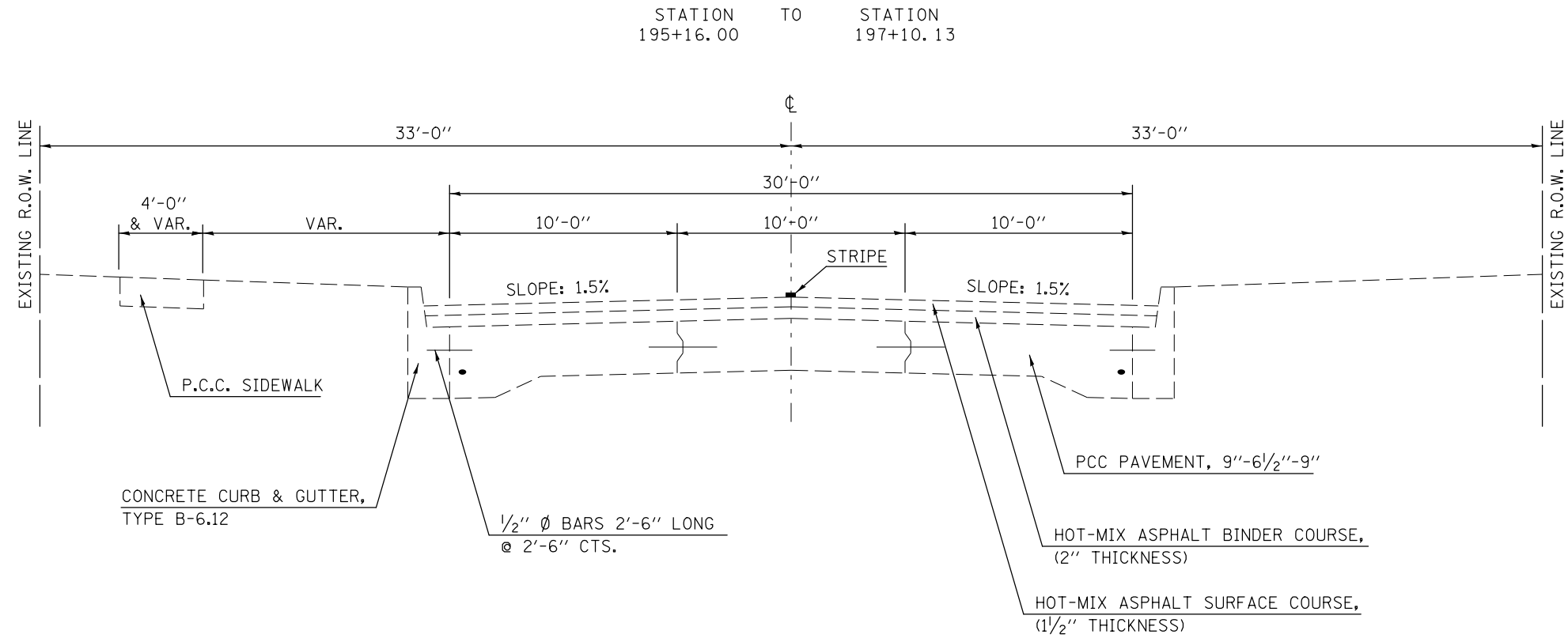
0011

0004

0043

CODE NO.	ITEM	UNIT	TOTAL QUANTITY			
• X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	490.0	0.0	490.0	0.0
• X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	158.0	0.0	158.0	0.0
• X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	233.0	0.0	233.0	0.0
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.0	0.8	0.2	0.0
Z0026407	TEMPORARY SHEET PILING	SQ FT	890.0	0.0	0.0	890.0
Z0029090	DIAMOND GRINDING (BRIDGE SECTION)	SQ YD	570.0	570.0	0.0	0.0
Z0038700	PERMANENT BENCH MARKS	EACH	1.0	1.0	0.0	0.0
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	134.0	134.0	0.0	0.0
Z0073002	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	320.0	320.0	0.0	0.0
• DENOTES SPECIALTY ITEM						

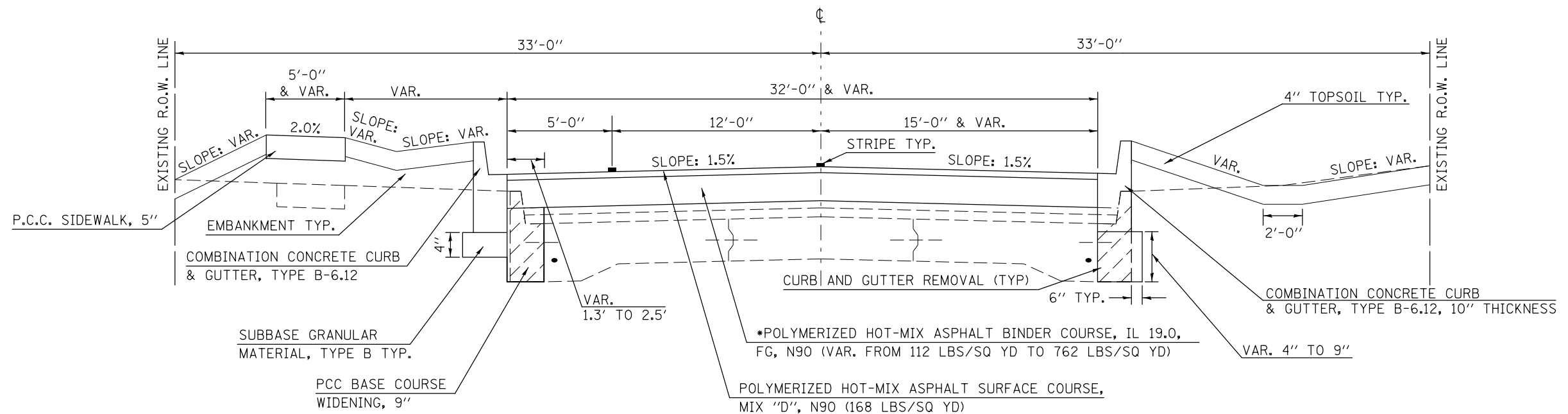
EXISTING ROADWAY TYPICAL SECTION (US 51 BUS - NB)



PROPOSED ROADWAY TYPICAL SECTION (US 51 BUS - NB)

*BEGINS AT STATION 196+32.8
(SEE TABLE IN GENERAL NOTES)
MIN LIFT 2 1/4" & MAX LIFT 4 1/2"

STATION 195+16.00 TO STATION 196+86.19
196+86.19 TO STATION 196+92.19 FLEXIBLE CONNECTOR (SEE STANDARD 420401)



USER NAME = noganbj	DESIGNED - MRS	REVISED
FILE NAME = #FILES#	DRAWN - MRS	REVISED
PLOT SCALE = 40,0000' / in.	CHECKED - AJK	REVISED
PLOT DATE = 8/13/2014	DATE - 1/25/13	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

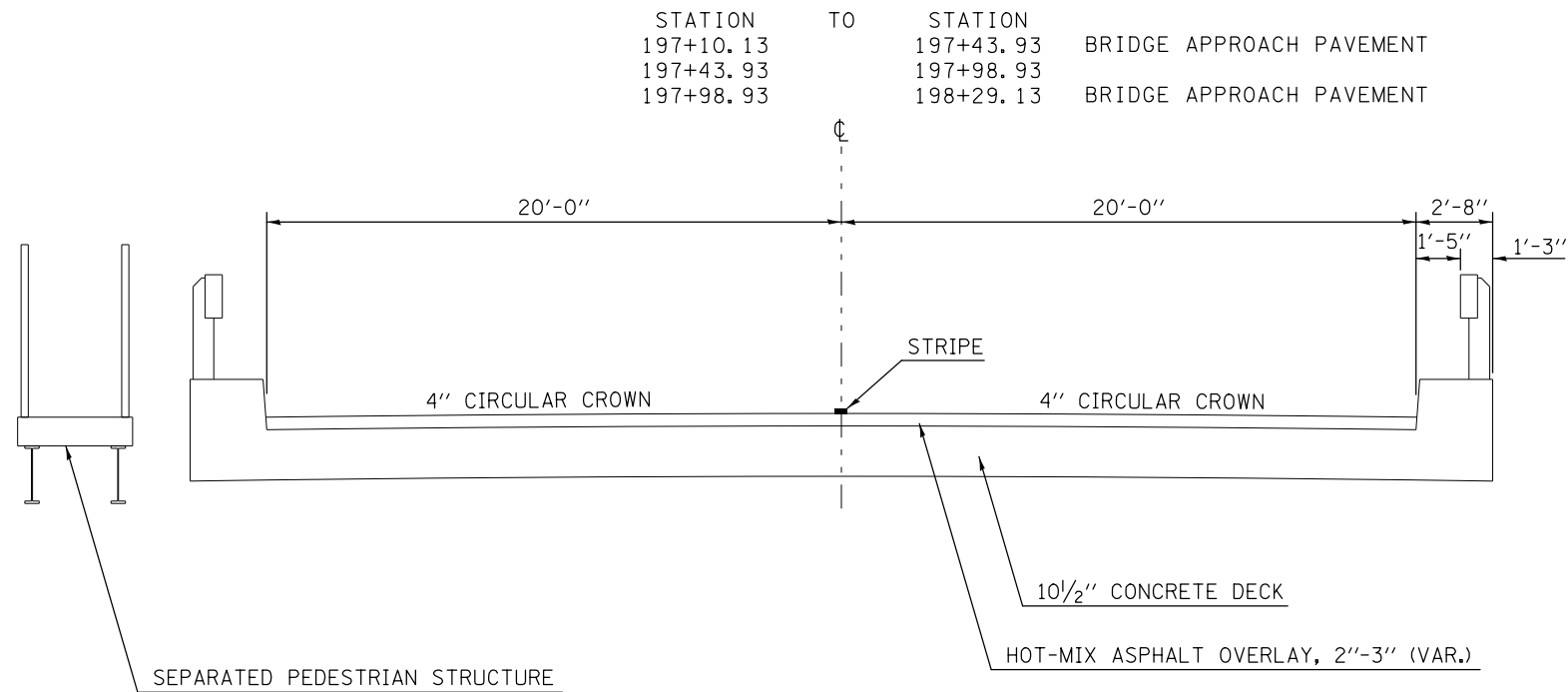
TYPICAL SECTIONS

SCALE: NTS SHEET NO. 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	62-ZBR	MCLEAN	65	11
CONTRACT NO. 70540				
ILLINOIS FED. AID PROJECT				

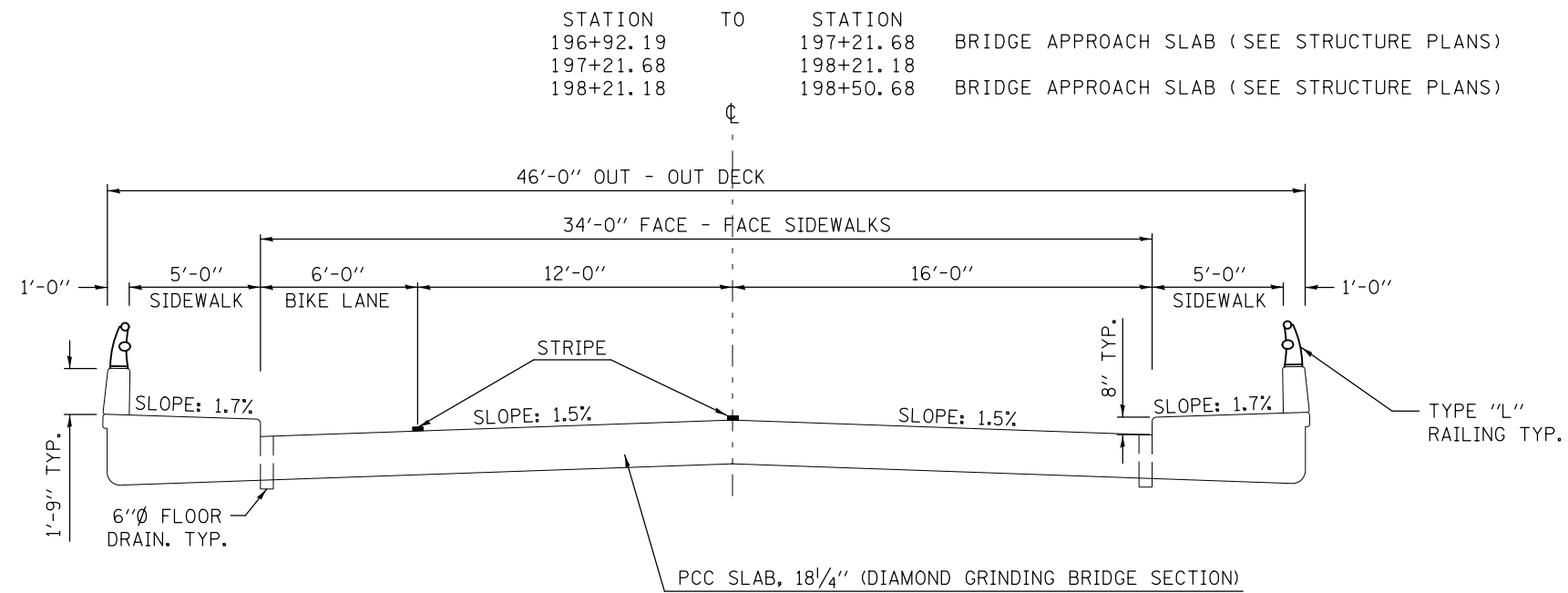
EXISTING STRUCTURE TYPICAL SECTION

S.N. 057-0054

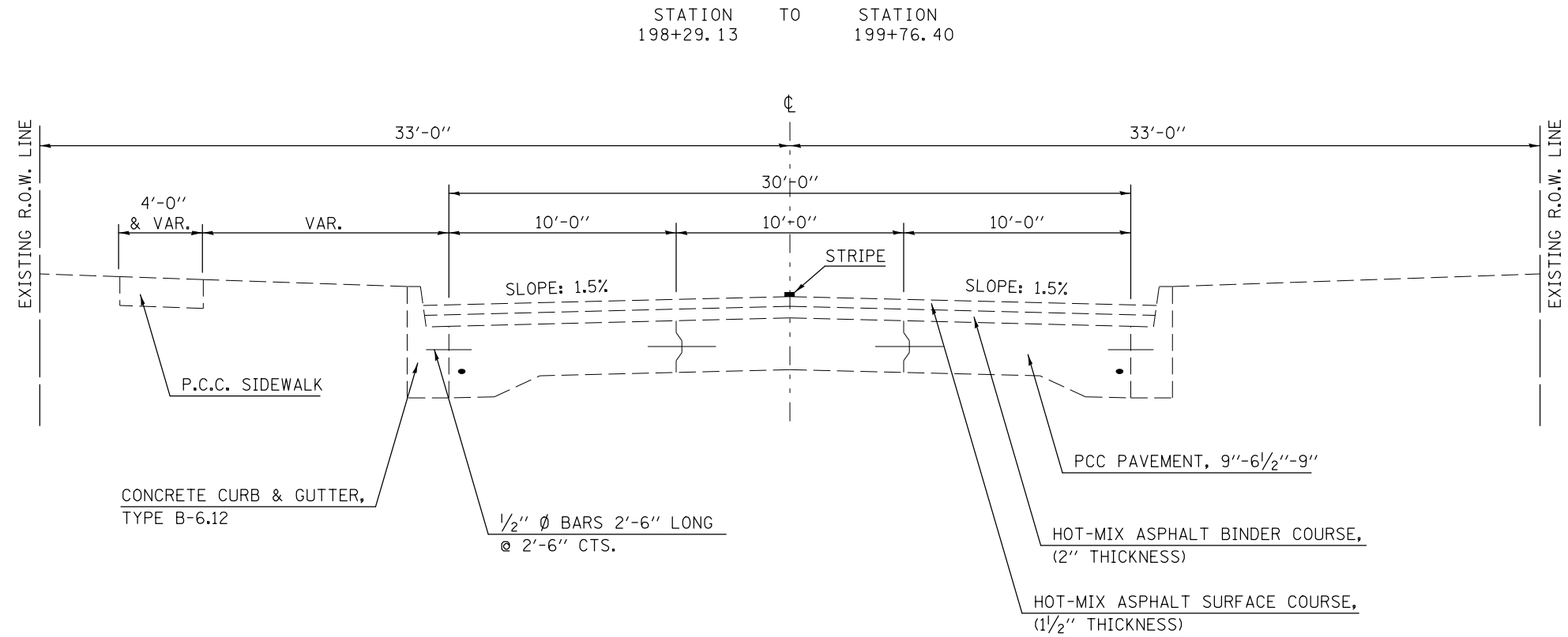


PROPOSED STRUCTURE TYPICAL SECTION

S.N. 057-0256



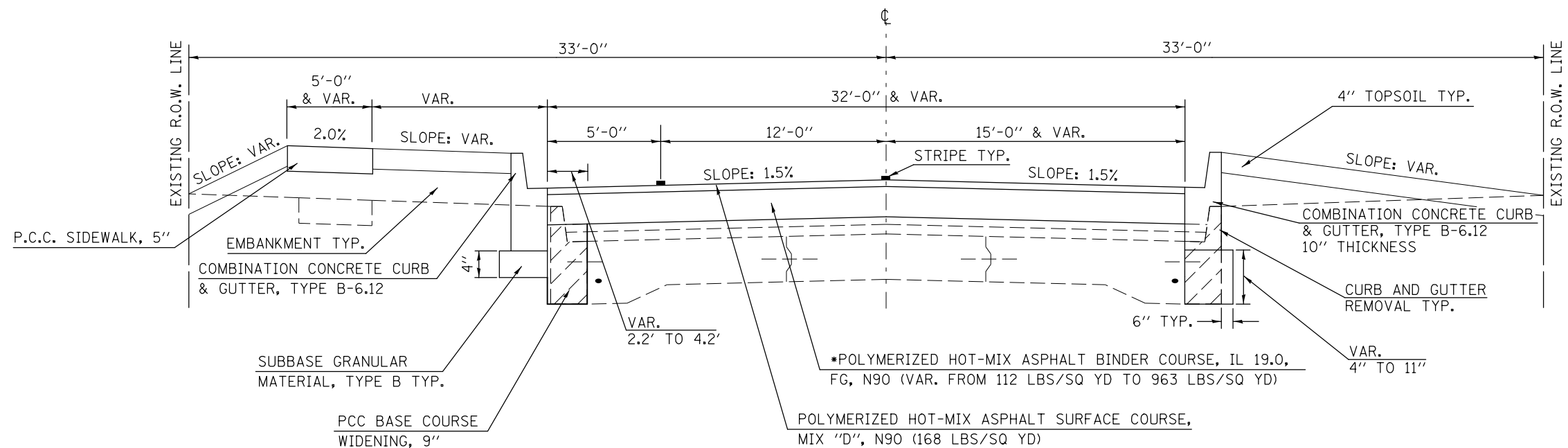
EXISTING ROADWAY TYPICAL SECTION (US 51 BUS - NB)



PROPOSED ROADWAY TYPICAL SECTION (US 51 BUS - NB)

*ENDS AT STATION 199+22.3
(SEE TABLE IN GENERAL NOTES)
MIN LIFT 2 1/4" & MAX LIFT 4 1/2"

STATION 198+50.68 TO STATION 198+56.68
198+56.68 TO STATION 199+76.40 FLEXIBLE CONNECTOR (SEE STANDARD 420401)



USER NAME = naganbj	DESIGNED - MRS	REVISED
FILE NAME = #FILES#	DRAWN - MRS	REVISED
PLOT SCALE = 40,0000' / in.	CHECKED - AJK	REVISED
PLOT DATE = 8/13/2014	DATE - 1/25/13	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: NTS SHEET NO. 3 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	62-ZBR	MCLEAN	65	13
CONTRACT NO. 70540				
ILLINOIS FED. AID PROJECT				

PAVING SCHEDULE																			
LOCATION				SUBBASE GRANULAR MATERIAL TYPE B, 4" 31101200	PCC BASE COURSE WIDENING 9" 35400400	BITUMINOUS MATERIALS (PRIME COAT) 40600275	TEMPORARY RAMP 40600990	POLY HMA BINDER COURSE, IL-19.0, FG, N90 40603243	POLY HMA SURFACE COURSE, MIX "D", N90 40603545	BITUMINOUS MATERIALS (PRIME COAT) 40800025	INCIDENTAL HMA SURFACING 40800050	BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE) 42001430	PCC DRIVEWAY PAVEMENT, 8" 42300400	PCC SIDEWALK, 5" 42400200	DETECTABLE WARNINGS 42400800	CLASS B PATCH TYPE II, 13" 44201007	DOWEL BARS 1 1/2 44201299	SAW CUTS 44213200	COMBINATION CC & G, TYPE B-6.12 60603800
LT/RT	STA	TO	STA	SQ YD	SQ YD	POUND	SQ YD	TON	TON	POUND	TON	SQ YD	SQ YD	SQ FT	SQ FT	SQ YD	EACH	FOOT	FOOT
	195+10.9														10.0				
LT	195+10.9		196+95.4	45.5										936.1					196.7
	195+16.0						18.6												
LT	195+16.0		196+87.2		37.7														
RT	195+16.0		196+89.5	66.2															175.3
	195+16.0		196+86.2			286.9		42.2	51.7										
RT	195+86.4															10.0	26	63.0	
LT	195+86.4															10.1	26	63.6	
RT	195+70.2												52.8						
	196+16.30						11.7												
	196+92.19						27.8												
	196+87.2		196+92.2									21.3							
RT	198+48.0		199+76.4	39.8															172.3
	198+50.7		198+55.7									21.3							
LT	198+53.7		199+48.1	21.9															94.9
LT	198+53.9		199+29.3											384.9					
LT	198+55.6		199+42.3		22.6														
	198+56.7		199+76.4			267.3		66.2	37.0										
	198+50.68						27.8												
RT	198+66.8												45.9						
LT	199+00.0									4.5	3.6								
	199+22.30						11.7												
RT	199+58.0		199+76.4											133.0	38.8				
	199+76.4						25.0												
TOTAL				173.4	60.3	554.2	122.6	108.4	88.7	4.5	3.6	42.6	98.7	1454.0	48.8	20.1	52.0	126.6	639.2
ROUND TO				180.0	61.0	560.0	130.0	110.0	90.0	10.0	5.0	43.0	100.0	1454.0	49.0	21.0	55.0	130.0	640.0

REMOVAL SCHEDULE										
LOCATION				HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT 40600982	PAVEMENT REMOVAL 44000100	DRIVEWAY PAVEMENT REMOVAL 44000200	COMBINATION CC & G REMOVAL 44000500	SIDEWALK REMOVAL 44000600	STORM SEWER REMOVAL 36" 55101600	REMOVING INLETS 60500060
LT/RT	STA	TO	STA	SQ YD	SQ YD	SQ YD	FOOT	SQ FT	FOOT	EACH
LT	195+10.9		196+52.8				163.0	806.5		1.0
LT	195+12.9									
RT	195+16.0		195+64.3				46.6			
RT	195+16.0		196+89.6		51.5					
	195+16.0		196+16.3	341.7						
RT	195+49.9		197+35.4			289.6				
LT	196+52.8		197+04.5			81.5				
RT	196+75.0		197+35.6					60.6		
	196+92.2		197+35.4		166.8					
LT	196+93.5		197+46.4					196.3		
LT	196+96.4		197+35.5				43.2			
RT	197+06.7		197+35.7				29.5			
RT	198+07.2		198+40.4				32.9			
LT	198+07.2		199+48.5				138.3			
	198+07.3		198+50.7		175.0					
LT	198+10.7		199+29.3					461.5		
RT	198+40.6		198+80.7			58.4				
RT	198+48.0		199+66.4		87.3					
RT	198+77.0		199+76.4				111.2			
	199+32.3		199+76.4		156.7					
RT	199+59.5		199+72.9					131.2		
TOTAL				498.4	480.6	429.5	564.7	1595.5	60.6	1.0
ROUND TO				500.0	481.0	430.0	565.0	1610.0	61.0	1.0

ADJUSTING WATER VALVES SCHEDULE		
LOCATION		* ADJUSTING WATER VALVES
OFFSET	STA	EACH
11.2' RT	196+70.8	1.0
13.0' RT	196+80.4	1.0
21.1' RT	198+88.6	1.0
22.8' RT	198+91.3	1.0
21.5' RT	199+56.4	1.0
21.0' RT	199+59.4	1.0
24.0' RT	199+68.3	1.0
24.8' RT	199+71.0	1.0
TOTAL		8.0

* NOTE: THIS WORK TO BE COMPLETED BY THE TOWN OF NORMAL

STATIONS & OFFSETS SHOULD BE CONSIDERED AS APPROXIMATE ONLY AND ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE DEPARTMENT AT THE TIME OF LETTING.



USER NAME = hoganb	DESIGNED - MRS	REVISED
FILE NAME = \$FILES\$	DRAWN - MRS	REVISED
PLOT SCALE = 2.0000' / in.	CHECKED - JBMB	REVISED
PLOT DATE = 8/13/2014	DATE - 1/25/13	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: N/A SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	62-ZBR	MCLEAN	65	14
CONTRACT NO. 70540				
ILLINOIS FED. AID PROJECT				

LOCATION				PAVEMENT MARKING SCHEDULE												
				PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS & SYMBOLS	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	RAISED REFLECTIVE PAVEMENT MARKER	PAVEMENT MARKING REMOVAL	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 4"	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	GROOVING FOR RECESSED PAVEMENT MARKING 5"	GROOVING FOR RECESSED PAVEMENT MARKING 7"	GROOVING FOR RECESSED PAVEMENT MARKING 13"	
LT/RT	STA	TO	STA	78003100 SQ FT	78009004 FOOT	78009006 FOOT	78009012 FOOT	78100100 EACH	78300100 SQ FT	78300200 EACH	78004210 FOOT	78100105 EACH	X7830070 FOOT	X7830074 FOOT	X7830078 FOOT	
STAGE 1	200+02.7		204+31.6						35.7							
STAGE 2	196+92.2		198+50.7		39.6							2.0	39.6			
CL	195+00.0		196+92.2					4.0		4.0	70.9					
	198+50.7		203+00.0													
X - WALK	199+58.0		199+64.0			95.3	141.2		64.5					95.3	141.2	
X - WALK	199+71.5		200+05.7			62.2	91.8		110.0					62.2	91.8	
	196+35.3			12.5												
	199+35.3			12.5												
	195+16.0		199+58.0		442.0								442.0			
TOTAL				25.0	481.6	157.5	233.0	4.0	210.2	4.0	70.9	2.0	481.6	157.5	233.0	
ROUND TO				25.0	490.0	158.0	233.0	4.0	220.0	4.0	80.0	2.0	490.0	158.0	233.0	

SEEDING AND EROSION CONTROL SCHEDULE													
LOCATION				SEEDING, CLASS 7	NITROGEN FERTILIZER NUTRIENT	PHOSPHOROUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH METHOD 2	SODDING	TEMPORARY EROSION CONTROL SEEDING	TEMPORARY DITCH CHECK	PERIMETER EROSION BARRIER	INLET AND PIPE PROTECTION
LT/RT	STA	TO	STA	25000350 ACRE	25000400 POUND	25000500 POUND	25000600 POUND	25100115 ACRE	25200100 SQ YD	28000250 POUND	28000305 FOOT	28000400 FOOT	28000500 EACH
LT	195+10.1		197+54.1	0.1917	3.8341	3.8341	3.8341	0.1917	309.2	319.42	50	280.5	2.0
RT	195+10.1		195+54.3	0.006693	0.1339	0.1339	0.1339	0.006693	10.8	11.16		38.3	
RT	195+84.9		197+26.5	0.2271	4.5421	4.5421	4.5421	0.2271	366.4	378.5	30.0	178.2	2.0
RT	197+81.9		198+47.0	0.08679	1.7355	1.7355	1.7355	0.08679	140.0	144.65	40.0	85.4	
LT	198+24.3		199+54.3	0.096198	1.924	1.924	1.924	0.096198	155.2	160.33	50.0	144.5	
RT	198+70.2		199+66.0	0.108285	2.1657	2.1657	2.1657	0.108285	174.7	180.48		98.6	
TOTAL				0.716766	14.3353	14.3353	14.3353	0.716766	1156.3	1194.54	170.0	825.5	4.0
ROUND TO				0.75	15.0	15.0	15.0	0.75	1175.0	1250.0	170.0	830.0	4.0

DRAINAGE STRUCTURE SCHEDULE									
STRUCTURE NUMBER	STATION	OFFSET	RIM ELEV.	INVERT ELEV	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, OPEN LID	INLETS, TYPE A, TYPE 11 FRAME AND GRATE
					54213663	54213681	60200105	60223700	60236800
1	195+14.	19.5' LT	758.98	756.73 S, 756.06 SW, MEET EX. NW					1
2	195+18.5	17.6' LT	759.09	756.09 NE					1
3	195+23.5	21.2' LT	759.47	756.8 NW			1		
4	195+86.4	20.6' LT	760.04	756.71 W			1		
5	195+86.4	27.2' RT	759.8	753.21 N, 753.19 S, 756.28 E				1	
6	196+75.	27.2' RT	760.52	752.67 N, 752.57 SW				1	
7	197+34.	33.2' RT	N/A	752.3		1			
8	197+47.9	41.6' LT	N/A	752.4	1				
TOTALS:					1	1	2	2	2

PIPE SCHEDULE						
LOCATION				STORM SEWERS, RUBBER GASKET, CL A, TYPE 1 12"	STORM SEWERS, RUBBER GASKET, CL A, TYPE 2 36"	TRENCH BACKFILL
LT/RT	STA	TO	STA	550A2320 FOOT	550A2600 FOOT	20800150 CU YD
LT	195+18.5		195+14.	3		0.8
LT	195+23.5		195+14.	6.7		1.2
	195+86.4 LT		195+86.4 RT	42.8		8.7
RT	196+75.		197+34.		54.8	48.8
TOTAL				52.5	54.8	59.5
ROUND TO				53.0	55.0	60.0

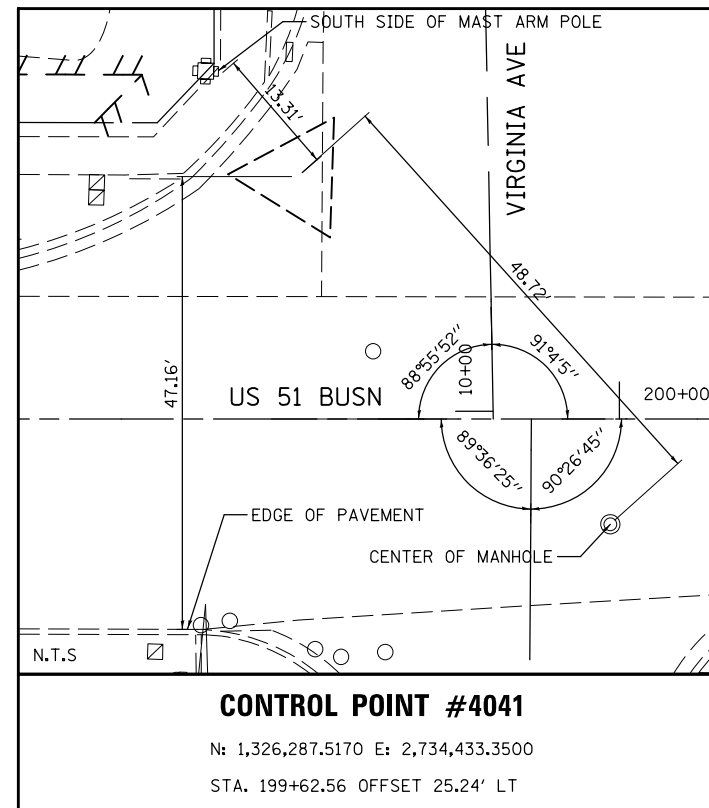
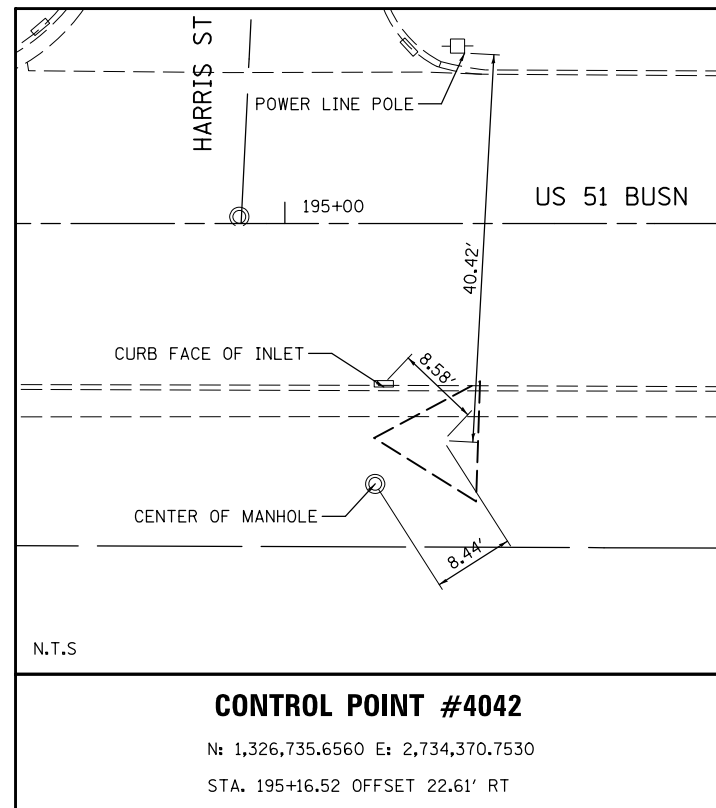
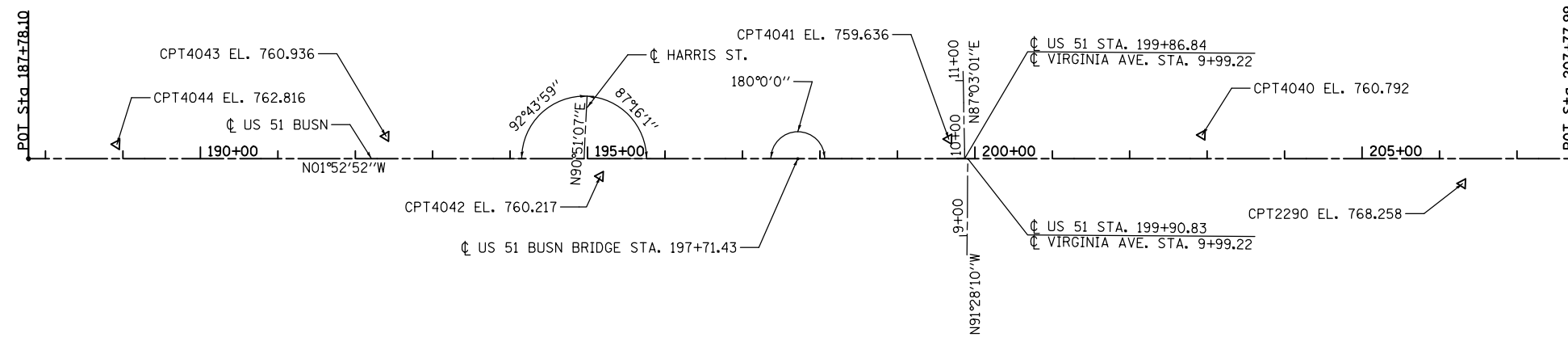
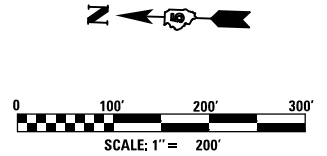


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PLOT DATE = 8/13/2014	DATE - 1/25/13	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES			
SCALE: N/A	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	62-ZBR	MCLEAN	65	15
CONTRACT NO. 70540				
ILLINOIS FED. AID PROJECT				



BENCH MARK "A"

ELEV. 760.71
CHISELED X ON TOP OF THE WING WALL AT NW CORNER OF THE EXISTING BRIDGE. STA. 197+35.38, 30.2' RT.



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PLOT DATE = 8/12/2014	DATE - 1/25/13	REVISED








**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1" = 200' SHEET NO. 1 OF 1 SHEETS STA. 187+78.10 TO STA. 207+77.99

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	62-ZBR	MCLEAN	65	16
CONTRACT NO. 70540				
ILLINOIS FED. AID PROJECT				

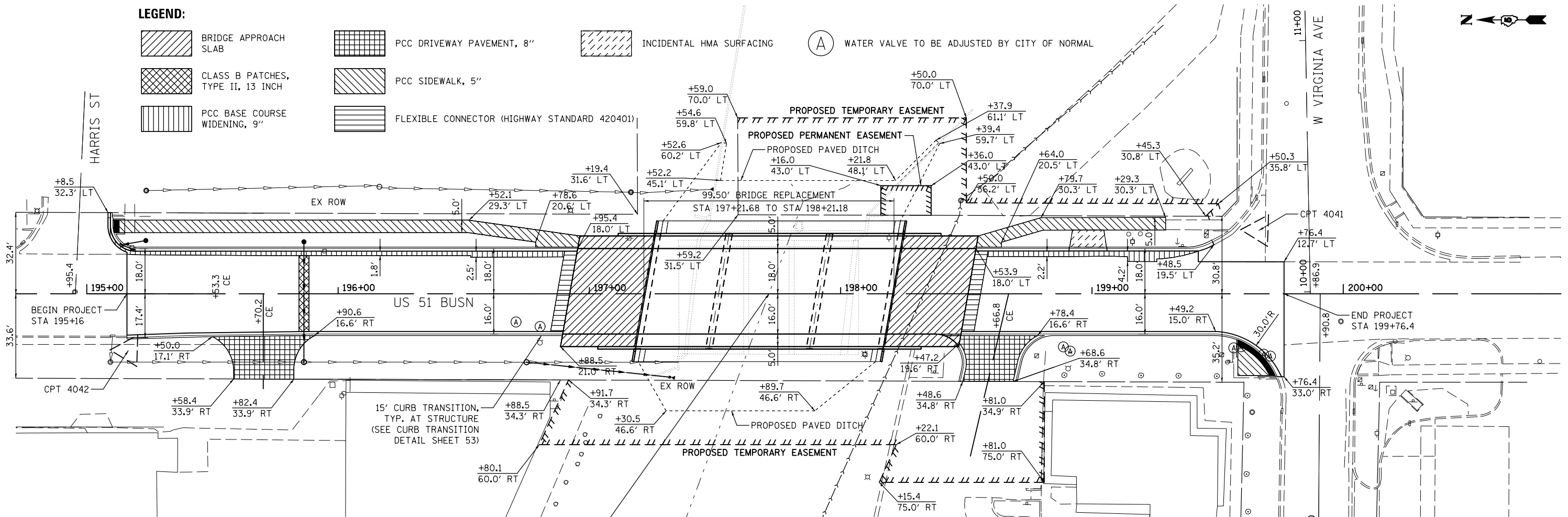
LEGEND:

-  BRIDGE APPROACH SLAB
-  PCC DRIVEWAY PAVEMENT, 8"
-  INCIDENTAL HMA SURFACING
-  CLASS B PATCHES, TYPE II, 13 INCH
-  PCC SIDEWALK, 5"
-  PCC BASE COURSE WIDENING, 9"
-  FLEXIBLE CONNECTOR (HIGHWAY STANDARD 420401)

(A) WATER VALVE TO BE ADJUSTED BY CITY OF NORMAL

PLAN	SURVEYED	DATE
NO.	BY	
NO.	PLOTTED	
NO.	CHECKED	
NO.	RT. OF WAY CHECKED	
NO.	PAID FILE NAME	

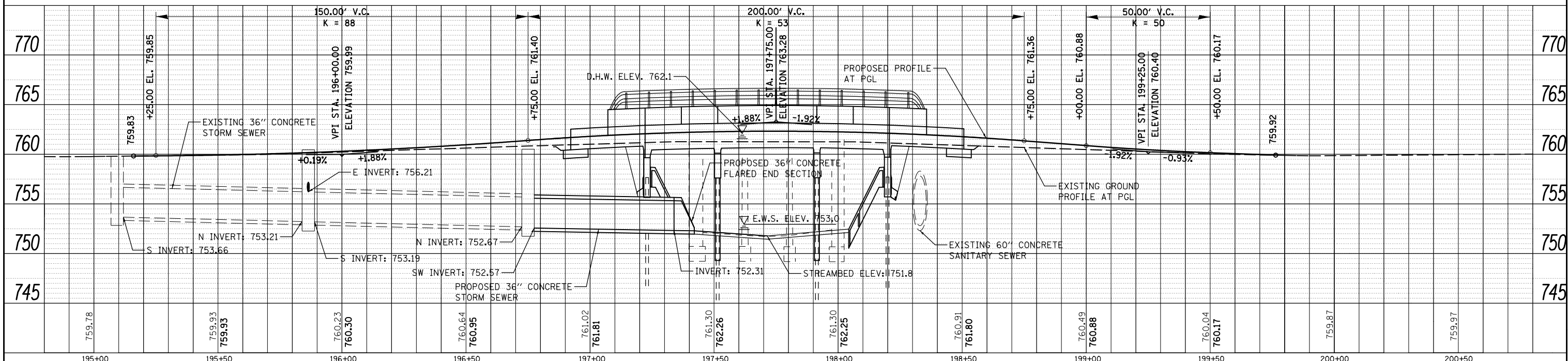
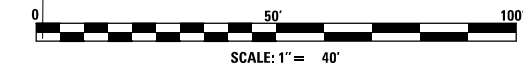
PROFILE	SURVEYED	DATE
NO.	BY	
NO.	PLOTTED	
NO.	CHECKED	
NO.	RT. OF WAY CHECKED	
NO.	STRUCTURE NOTATIONS CHKD	



PROPOSED S.N. 057-0256
STATION 197+71.43
3 SPANS @ 99'-6" B-B ABUT
45'-8" 0-0 DECK
10° 0' 0" SKEW
C.I.P. CONCRETE DECK

NOTES:

1. ALL DIMENSIONS ARE TO THE FACE OF CURB, UNLESS OTHERWISE NOTED.
2. ALL SIDEWALK RAMPS MUST BE ADA COMPLIANT
3. SEE DRAINAGE AND UTILITIES SHEET FOR ADDITIONAL UTILITY INFORMATION, SHEET 23
4. FOR ENTRANCE DETAILS SEE SHEET 53
5. FOR ADA RAMP DETAILS SEE SHEET 54



195+00	195+50	196+00	196+50	197+00	197+50	198+00	198+50	199+00	199+50	200+00	200+50								
759.78	759.93	760.23	760.30	760.64	760.95	761.02	761.81	761.30	762.26	761.30	762.25	760.91	761.80	760.49	760.88	760.04	760.17	759.87	759.97

FUHRMANN ENGINEERING INC.
CIVIL ENGINEERS & LAND SURVEYORS
2852 South 11th Street
Springfield, Illinois 62703
(618) 529-8917

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE
SCALE: 1" = 40'
SHEET NO. 1 OF 1 SHEETS
STA. 195+16 TO STA. 199+76.4

F.A.P. RTE. 730	SECTION 62-ZBR	COUNTY MCLEAN	TOTAL SHEETS 65	SHEET NO. 17
CONTRACT NO. 70540				
ILLINOIS FED. AID PROJECT				

SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL

THE FOLLOWING SEQUENCE OF TRAFFIC CONTROL IS SUGGESTED. VARIATIONS MAY BE MADE, WITH THE APPROVAL OF THE ENGINEER AND THE ILLINOIS DEPARTMENT OF TRANSPORTATION, IF THE PREVAILING SITE CONDITIONS AT THE TIME OF CONSTRUCTION ALLOW.

STAGE 1

1. USE THE SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL - STAGE 1 PLAN SHEET.
2. SOUTH OF THE W. VIRGINIA AVENUE INTERSECTION, CLOSE THE NORTHBOUND PASSING LANE.
3. SOUTH OF THE W. VIRGINIA AVENUE INTERSECTION, MAINTAIN THE ENTRANCES FOR CASEY'S AND ADVANCE AUTO PARTS
4. WITHIN THE STAGE 1 CONSTRUCTION WORK ZONE, REMOVE THE EXISTING PAVEMENT AND CURB AND GUTTER ALONG THE WEST SIDE OF US 51 BUSN FROM STA 195+16 TO STA 199+76. CONSULT THE REMOVAL PLAN.
5. WITHIN THE STAGE 1 CONSTRUCTION WORK ZONE, DEMOLISH THE BRIDGE. CONSULT THE STRUCTURAL PLANS.
6. WITHIN THE STAGE 1 CONSTRUCTION WORK ZONE, CONSTRUCT THE BRIDGE. CONSULT THE STRUCTURAL PLANS.
7. WITHIN THE STAGE 1 CONSTRUCTION WORK ZONE, CONSTRUCT CURB AND GUTTER, SIDEWALK, AND BINDER COURSE. PLACE BINDER COURSE AS NECESSARY TO ESTABLISH PROFILE GRADE TO 1/2 INCHES FROM THE TOP OF THE APPROACH SLAB. CONSULT THE PLAN AND PROFILE PLAN SHEET AND TYPICAL SECTION SHEET.
8. COMPLETE GRADING AND LANDSCAPING ALONG THE WEST SIDE OF US 51 BUSN. CONSULT THE GRADING PLAN SHEET.

STAGE 2

1. USE THE SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL - STAGE 2 PLAN SHEET.
2. SOUTH OF THE W. VIRGINIA AVENUE INTERSECTION, CLOSE THE NORTHBOUND THRU LANE.
3. WITHIN THE STAGE 2 CONSTRUCTION WORK ZONE, REMOVE THE EXISTING PAVEMENT AND CURB AND GUTTER ALONG THE EAST SIDE OF US 51 BUSN FROM STA 195+16 TO STA 199+76. CONSULT THE REMOVAL PLAN.
4. WITHIN THE STAGE 2 CONSTRUCTION WORK ZONE, DEMOLISH THE BRIDGE. CONSULT THE STRUCTURAL PLANS.
5. WITHIN THE STAGE 2 CONSTRUCTION WORK ZONE, CONSTRUCT THE BRIDGE. CONSULT THE STRUCTURAL PLANS.
6. WITHIN THE STAGE 2 CONSTRUCTION WORK ZONE, CONSTRUCT CURB AND GUTTER, SIDEWALK, AND BINDER COURSE. PLACE BINDER COURSE AS NECESSARY TO ESTABLISH PROFILE GRADE TO 1/2 INCHES FROM THE TOP OF THE APPROACH SLAB. CONSULT THE PLAN AND PROFILE PLAN SHEET AND TYPICAL SECTION SHEET.
7. COMPLETE GRADING AND LANDSCAPING ALONG THE EAST SIDE OF US 51 BUSN. CONSULT THE GRADING PLAN SHEET.

STAGE 3

1. WORK TO BE PERFORMED UNDER TRAFFIC CONTROL STANDARD 701601-09
2. CONSTRUCT BUTT JOINTS AT EACH END OF THE PROJECT. CONSULT THE REMOVAL PLAN SHEET.
3. PLACE 1 1/2 INCH SURFACE COURSE ON TOP OF EXISTING PAVEMENT AND BINDER COURSE TO MATCH THE HEIGHT OF THE APPROACH SLAB. CONSULT THE PLAN AND PROFILE SHEET.
4. PLACE THE PERMANENT PAVEMENT MARKINGS. CONSULT THE PAVEMENT MARKING AND SIGNAGE PLAN SHEET
5. OPEN THE ROADWAY TO ONE-WAY TWO-LANE TRAFFIC FLOW.

GENERAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING DRAINAGE OF THE ROADWAY DURING ALL STAGES OF CONSTRUCTION.
2. THE CONTRACTOR SHALL MAINTAIN EXISTING AND/OR PROPOSED ROADWAY LIGHTING DURING THE DURATION OF THE PROJECT.



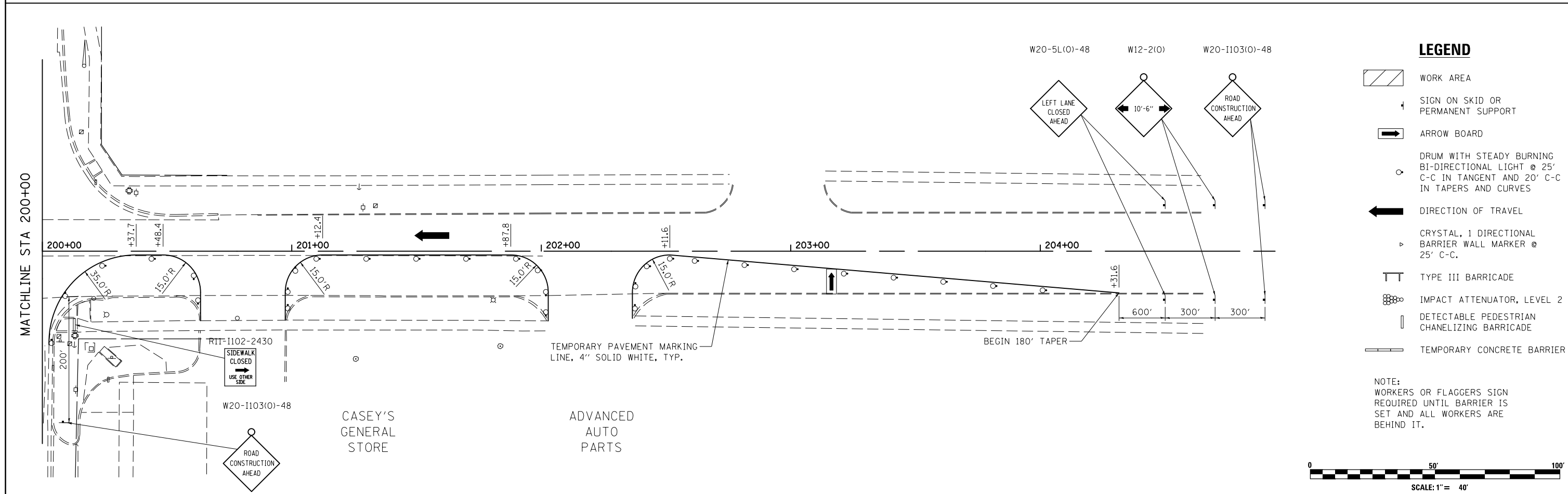
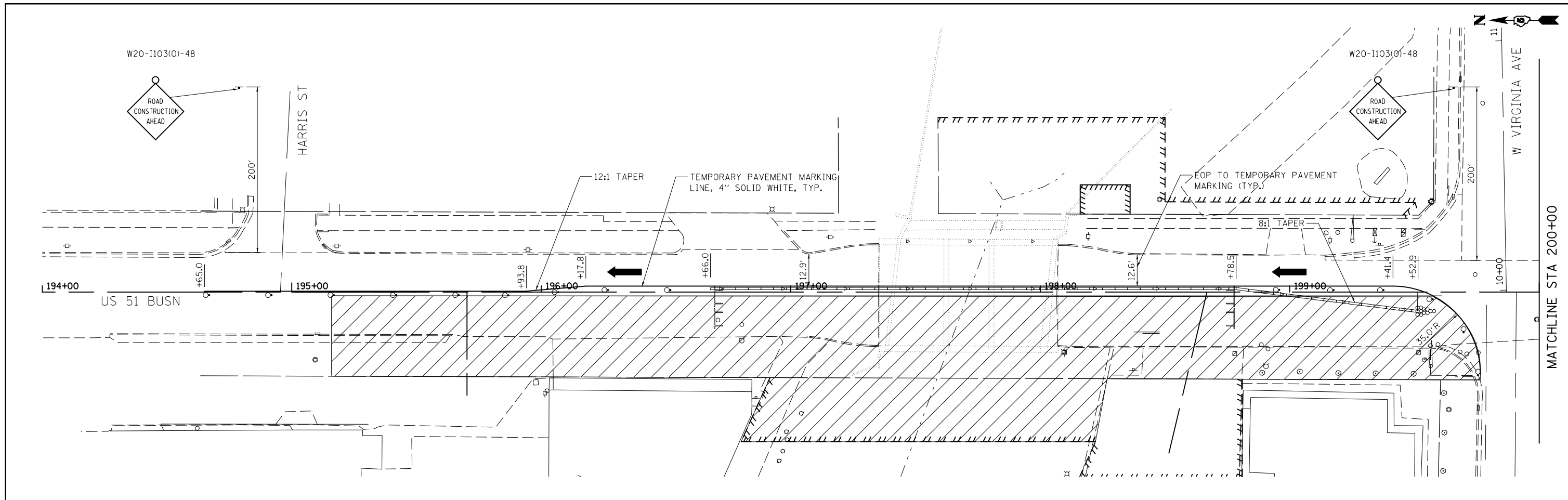
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PLOT DATE = 8/12/2014	DATE - 1/25/13	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STAGE CONSTRUCTION AND TRAFFIC CONTROL - NOTES

SCALE: N/A SHEET NO. 1 OF 3 SHEETS STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	62-ZBR	MCLEAN	65	18
CONTRACT NO. 70540				
ILLINOIS FED. AID PROJECT				



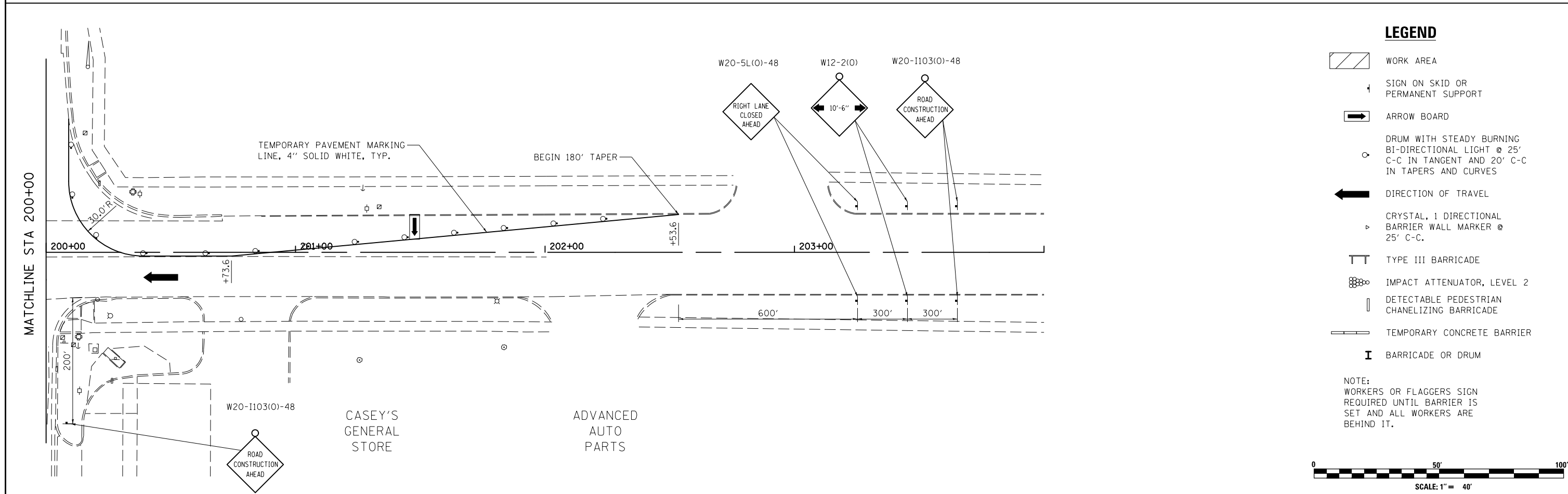
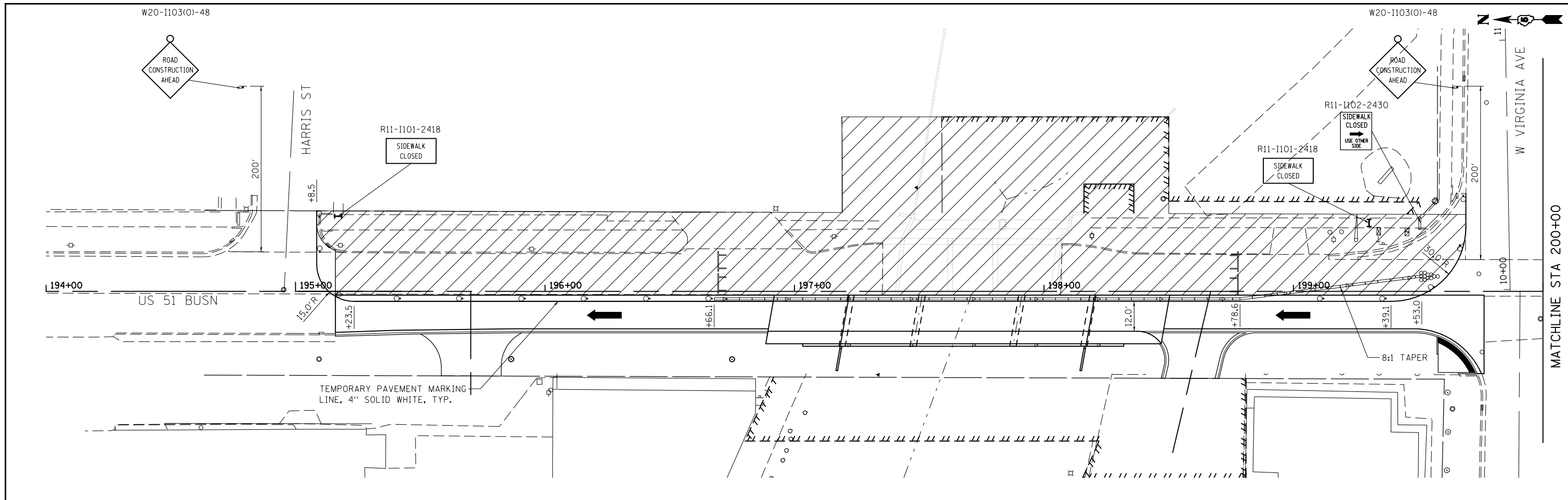
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STAGE CONSTRUCTION AND TRAFFIC CONTROL - STAGE 1

SCALE: 1" = 40' SHEET 2 OF 3 SHEETS STA. TO STA.

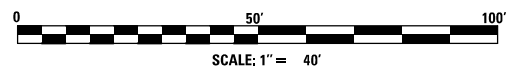
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	62-ZBR	MCLEAN	65	19
CONTRACT NO. 70540			ILLINOIS FED. AID PROJECT	



LEGEND

- WORK AREA
- SIGN ON SKID OR PERMANENT SUPPORT
- ARROW BOARD
- DRUM WITH STEADY BURNING BI-DIRECTIONAL LIGHT @ 25' C-C IN TANGENT AND 20' C-C IN TAPERS AND CURVES
- DIRECTION OF TRAVEL
- CRYSTALLINE, 1 DIRECTIONAL BARRIER WALL MARKER @ 25' C-C.
- TYPE III BARRICADE
- IMPACT ATTENUATOR, LEVEL 2
- DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE
- TEMPORARY CONCRETE BARRIER
- BARRICADE OR DRUM

NOTE:
WORKERS OR FLAGGERS SIGN
REQUIRED UNTIL BARRIER IS
SET AND ALL WORKERS ARE
BEHIND IT.



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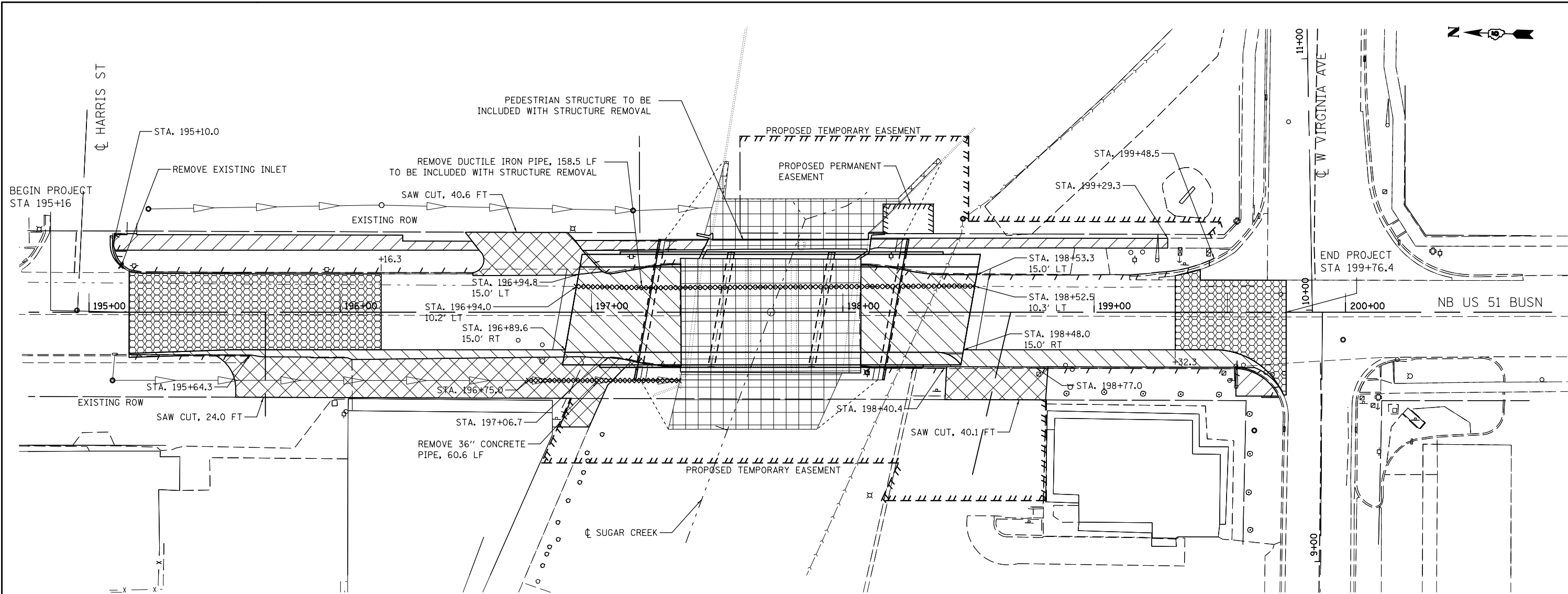
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STAGE CONSTRUCTION AND TRAFFIC CONTROL - STAGE 2








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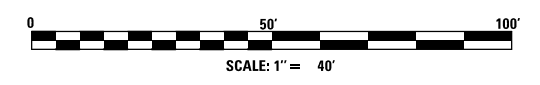
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	62-ZBR	MCLEAN	65	20
CONTRACT NO. 70540				

ILLINOIS FED. AID PROJECT



REMOVAL LEGEND

-  SIDEWALK REMOVAL
-  PAVEMENT REMOVAL
-  DRIVEWAY PAVEMENT REMOVAL
-  STRUCTURE REMOVAL
-  BUTT JOINT
-  CURB AND GUTTER REMOVAL
-  LINEAR ITEM REMOVAL



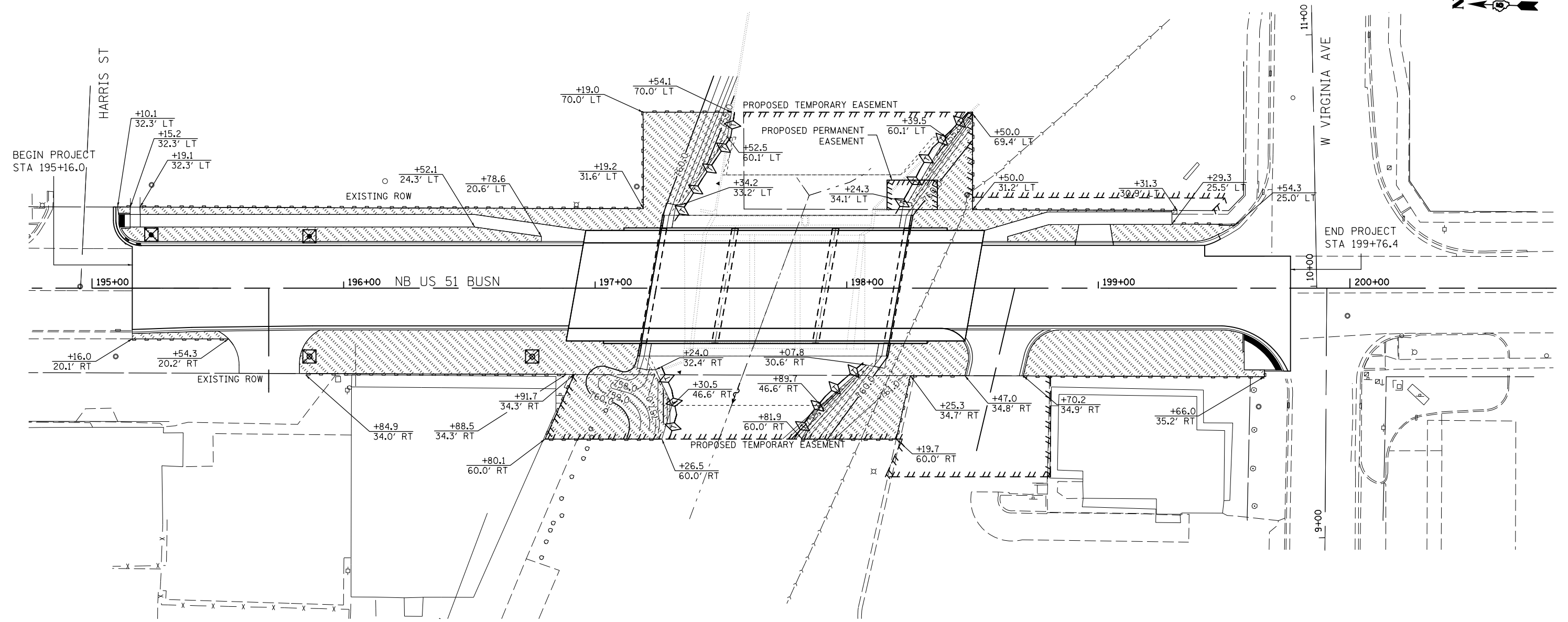
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

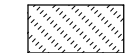




REMOVAL PLAN

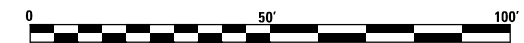
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	62-ZBR	MCLEAN	65	21
CONTRACT NO. 70540				
ILLINOIS FED. AID PROJECT				



LEGEND

-  SODDING
-  INLET AND PIPE PROTECTION
-  PERIMETER EROSION BARRIER
-  TEMPORARY DITCH CHECK (10' EACH)
-  PROPOSED CONTOURS



SCALE: 1" = 40'



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

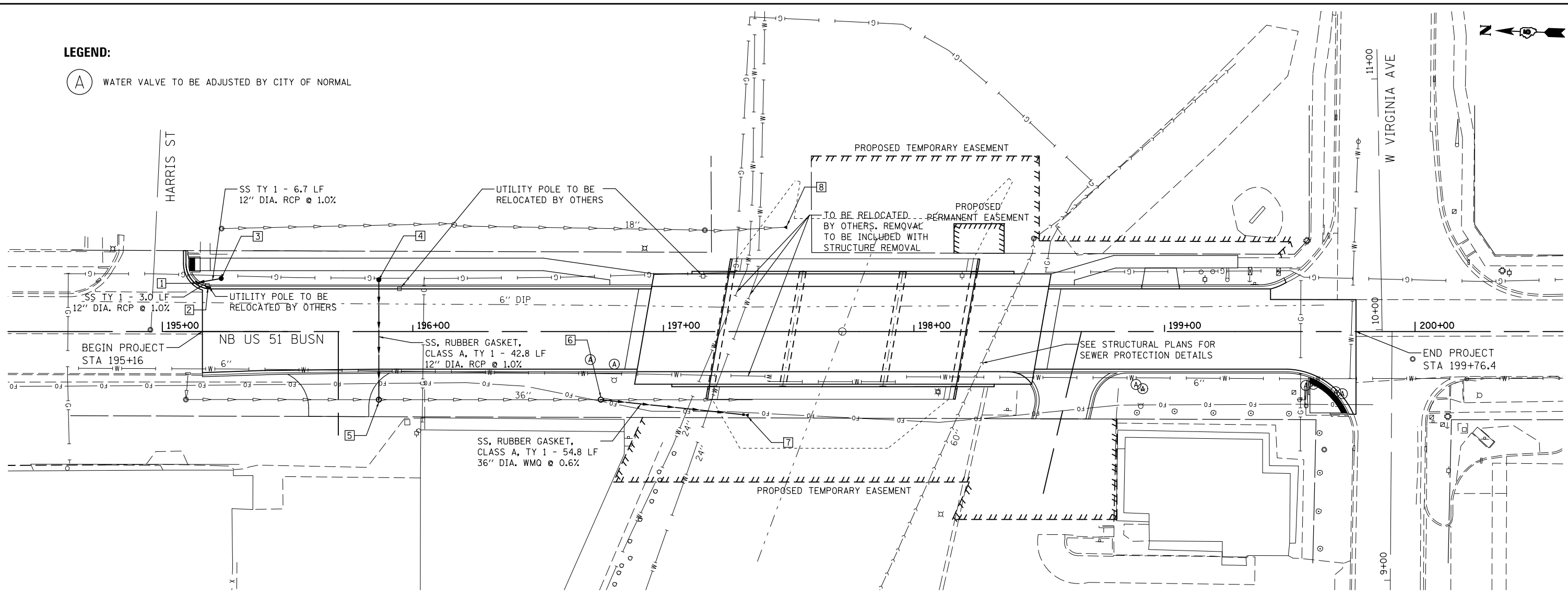
GRADING, EROSION CONTROL, & STORM WATER PREVENTION PLAN

SCALE: 1" = 40' SHEET NO. 1 OF 1 SHEETS STA. 195+16 TO STA. 199+76

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	62-ZBR	MCLEAN	65	22
CONTRACT NO. 70540				
ILLINOIS FED. AID PROJECT				

LEGEND:

(A) WATER VALVE TO BE ADJUSTED BY CITY OF NORMAL



DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NUMBER	STATION	OFFSET	RIM ELEV.	INVERT ELEV	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18" 54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36" 54213681	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID 60200105	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, OPEN LID 60223700	INLETS, TYPE A, TYPE 11 FRAME AND GRATE 60236800
1	195+14.	19.5' LT	758.98	756.73 S, 756.06 SW, MEET EX. NW				1	
2	195+18.5	17.6' LT	759.09	756.09 NE				1	
3	195+23.5	21.2' LT	759.47	756.8 NW			1		
4	195+86.4	20.6' LT	760.04	756.71W			1		
5	195+86.4	27.2' RT	759.8	753.21N, 753.19 S, 756.28 E				1	
6	196+75.	27.2' RT	760.52	752.67 N, 752.57 SW				1	
7	197+34.	33.2' RT	N/A	752.3		1			
8	197+47.9	41.6' LT	N/A	752.4	1				
TOTALS:					1	1	2	2	2

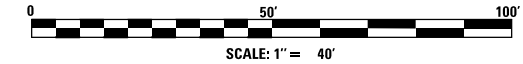
NOTES:

- CONTRACTOR SHALL VERIFY EXISTING SEWER LOCATIONS AND INVERT ELEVATIONS TO ENSURE POSITIVE DRAINAGE.
- ALL SEWERS CROSSING WATER MAINS TO BE IEPA PRESSURE TESTED.

ACTUAL STATIONS AND OFFSETS OF THE FIELD TILE JUNCTION VAULTS AND STORM SEWERS WILL NEED TO BE FIELD VERIFIED AFTER THE EXPLORATORY TRENCH OPERATIONS LOCATE THE STORM SEWER CROSSING UNDER US 51 BUSN AND ALONG THE WEST SIDE OF US 51 BUSN. THE DEPTH OF THE VAULTS AND STORM SEWER INVERTS SHALL BE FIELD VERIFIED AFTER THE DEPTH OF THE EXISTING STORM SEWERS ARE DETERMINED.

PIPE SCHEDULE

LOCATION				STORM SEWERS, RUBBER GASKET, CL A, TYPE 1 12" 550A2320	STORM SEWERS, RUBBER GASKET, CL A, TYPE 2 36" 550A2600	TRENCH BACKFILL 20800150
LT/RT	STA	TO	STA	FOOT	FOOT	CU YD
LT	195+18.5		195+14.	3		0.8
LT	195+23.5		195+14.	6.7		1.2
	195+86.4 LT		195+86.4 RT	42.8		8.7
RT	196+75.		197+34.		54.8	48.8
TOTAL				52.5	54.8	59.5
ROUND TO				53.0	55.0	60.0



USER NAME = ceorlockjd	DESIGNED - MRS	REVISED
FILE NAME = \$FILES\$	DRAWN - MRS	REVISED
PLOT SCALE = 40.0000' / in.	CHECKED - AJK	REVISED
PLOT DATE = 8/12/2014	DATE - 1/25/13	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**


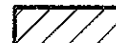
DRAINAGE AND UTILITIES

SCALE: 1" = 40' SHEET NO. 1 OF 1 SHEETS STA. 195+16 TO STA. 198+76.4

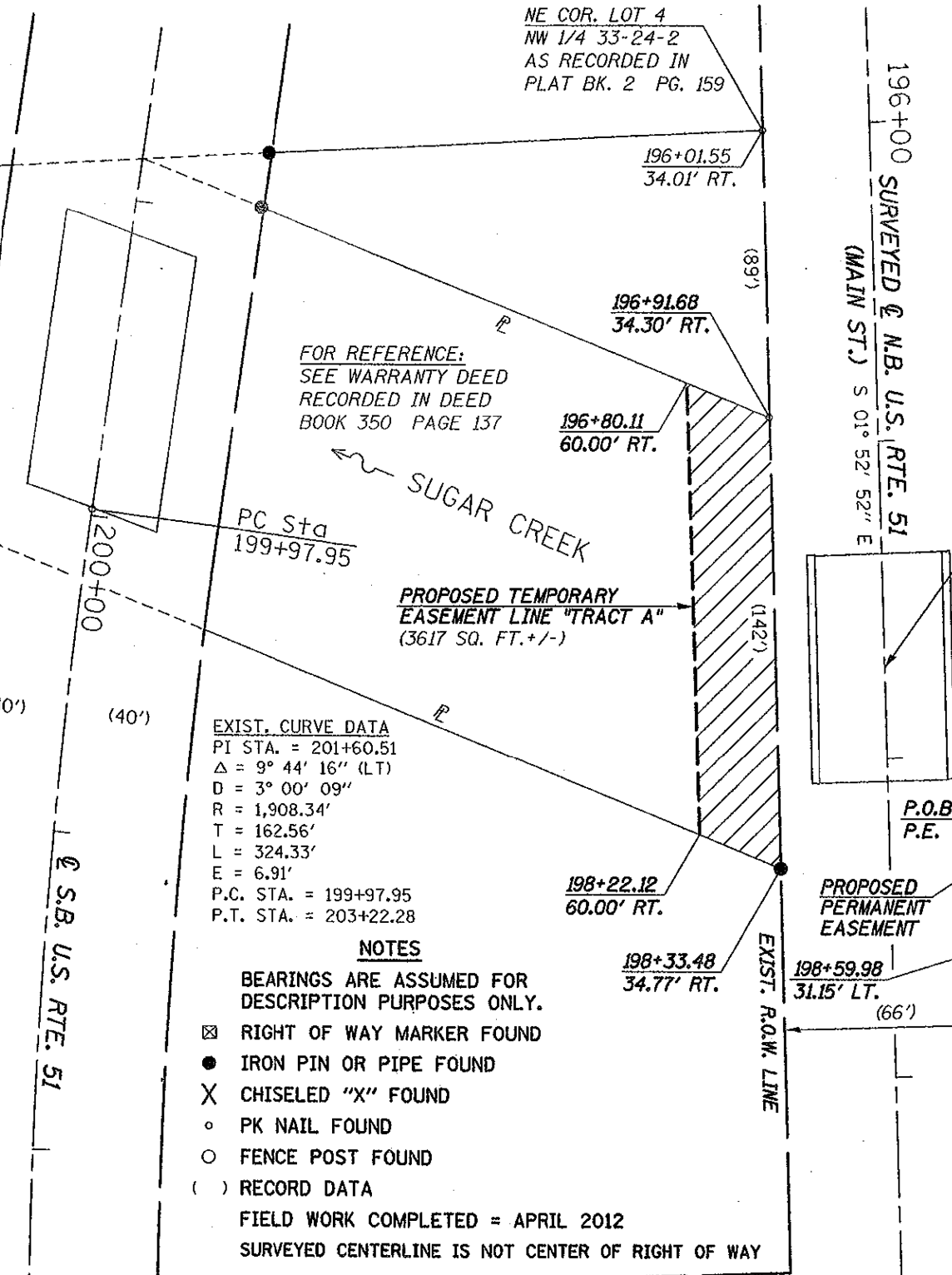
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	62-ZBR	MCLEAN	65	23
CONTRACT NO. 70540				
ILLINOIS FED. AID PROJECT				

5741001

BLOOMINGTON AND NORMAL WATER RECLAMATION DISTRICT
 F/K/A THE BLOOMINGTON AND NORMAL SANITARY DISTRICT

-  PROPOSED PERMANENT EASEMENT AREA REQUIRED = 235 SQ. FT.±
 PURPOSE OF PERMANENT EASEMENT: WINGWALL CONSTRUCTION AND FUTURE MAINTENANCE
-  TOTAL PROPOSED TEMPORARY EASEMENT AREA REQUIRED = 6951 SQ. FT.±
 PURPOSE OF TEMPORARY EASEMENTS: BRIDGE RECONSTRUCTION AND GRADING

PART OF 5 ACRES OFF THE NORTH END OF LOT 4 OF THE NORTHWEST QUARTER OF SECTION 33, TOWNSHIP 24 NORTH, RANGE 2 EAST AS PER PLAT RECORDED IN PLAT BOOK 2 ON PAGE 159 AND PART OF LOTS 8 AND 9 IN BLOCK 6 IN 14TH ADDITION TO NORMAL AS PER PLAT RECORDED IN PLAT BOOK 3 ON PAGE 430, SITUATED IN McLEAN COUNTY, ILLINOIS.



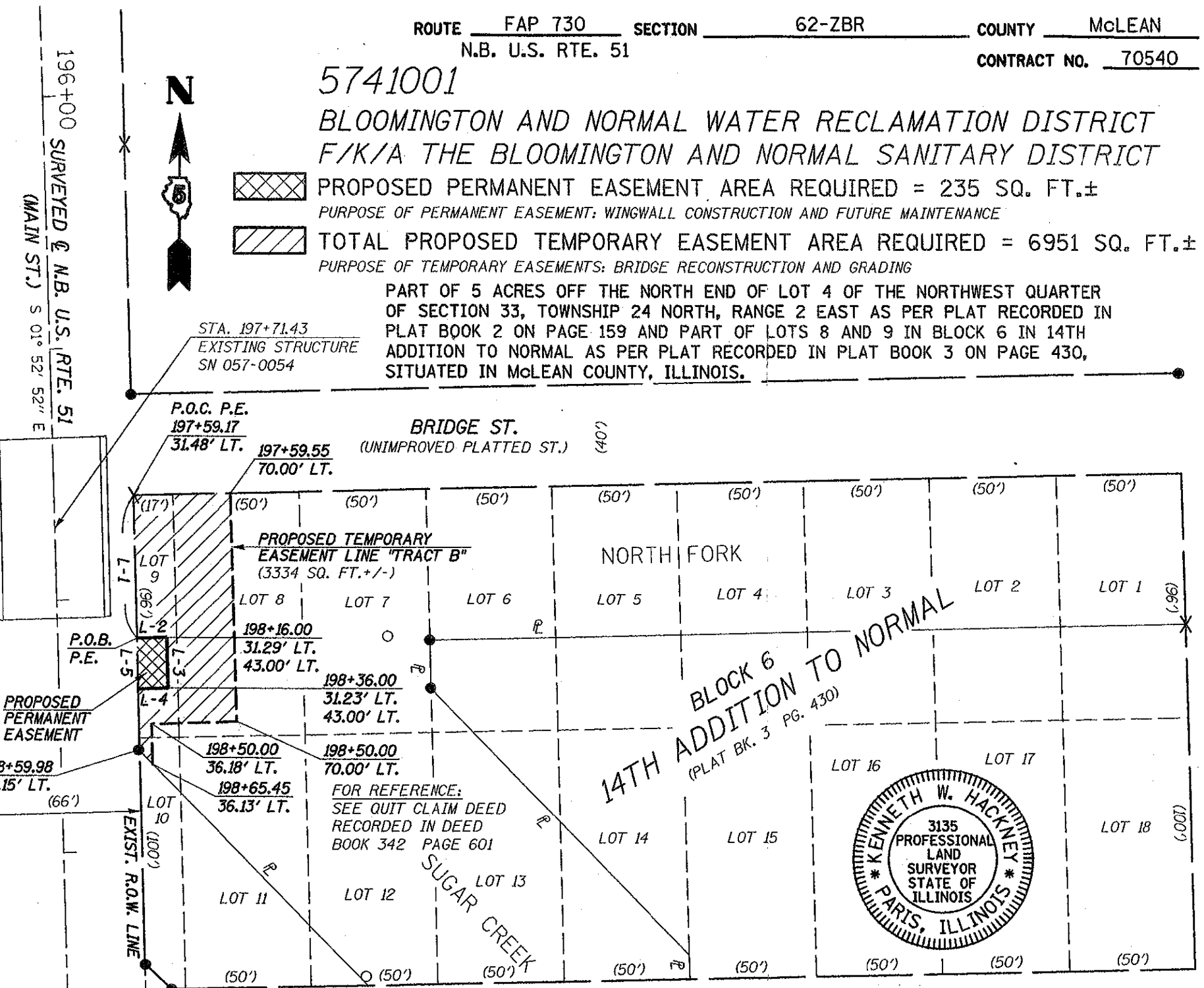
FOR REFERENCE:
 SEE WARRANTY DEED
 RECORDED IN DEED
 BOOK 350 PAGE 137

EXIST. CURVE DATA
 PI STA. = 201+60.51
 $\Delta = 9^\circ 44' 16''$ (LT)
 $D = 3^\circ 00' 09''$
 $R = 1,908.34'$
 $T = 162.56'$
 $L = 324.33'$
 $E = 6.91'$
 P.C. STA. = 199+97.95
 P.T. STA. = 203+22.28

- NOTES**
- BEARINGS ARE ASSUMED FOR DESCRIPTION PURPOSES ONLY.
 - RIGHT OF WAY MARKER FOUND
 - IRON PIN OR PIPE FOUND
 - CHISELED "X" FOUND
 - PK NAIL FOUND
 - FENCE POST FOUND
 - () RECORD DATA
- FIELD WORK COMPLETED = APRIL 2012
 SURVEYED CENTERLINE IS NOT CENTER OF RIGHT OF WAY

COURSE	BEARING	DISTANCE
L-1	S 01° 41' 37" E	56.83'
L-2	N 88° 07' 08" E	11.71'
L-3	S 01° 52' 52" E	20.00'
L-4	S 88° 07' 08" W	11.77'
L-5	N 01° 41' 37" W	20.00'

PT Sta
 203+22.28



THIS PLAT OF SURVEY WAS MADE UNDER MY DIRECTION FOR THE DIVISION OF HIGHWAYS, STATE OF ILLINOIS AND CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

Kenneth W. Hackney 8/13/12
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3135
 LICENSE EXPIRES 11/30/12

RIGHT OF WAY PLAT

SCALE: 1" = 50' DATE 8/13/2012 JOB NO. R-95-074-11



USER NAME = ceorlockjd	DESIGNED - ---	REVISED
FILE NAME = #FILES#	DRAWN - MRS	REVISED
PLOT SCALE = 0.0548' / in.	CHECKED - AJK	REVISED
PLOT DATE = 8/12/2014	DATE - 1/25/13	REVISED

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ROW PLANS	
SCALE: NTS	SHEET NO. 1 OF 3 SHEETS
STA. 196+00 TO STA. 200+00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	62-ZBR	MCLEAN	65	24
CONTRACT NO. 70540				

ILLINOIS FED. AID PROJECT

5741002

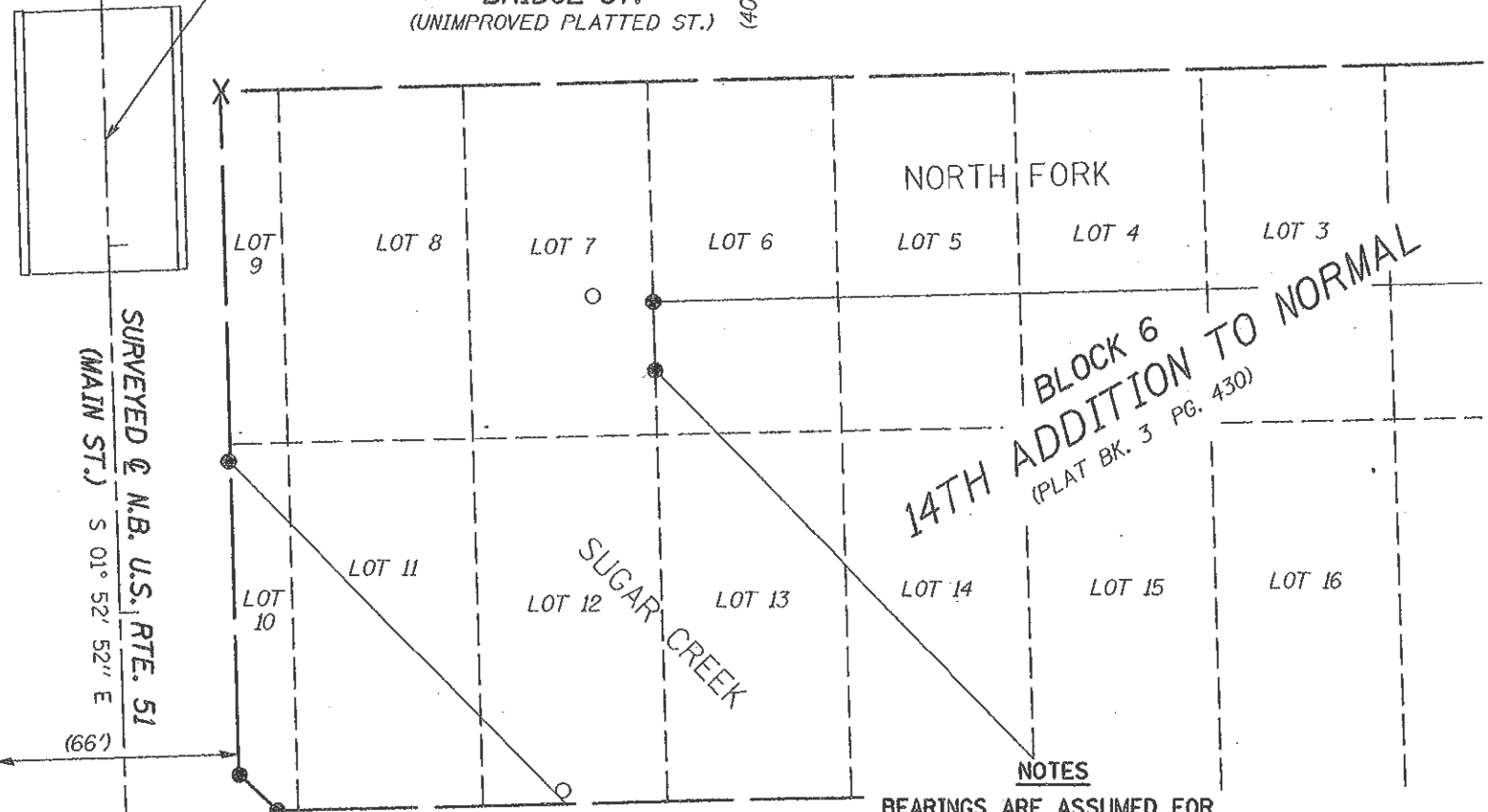
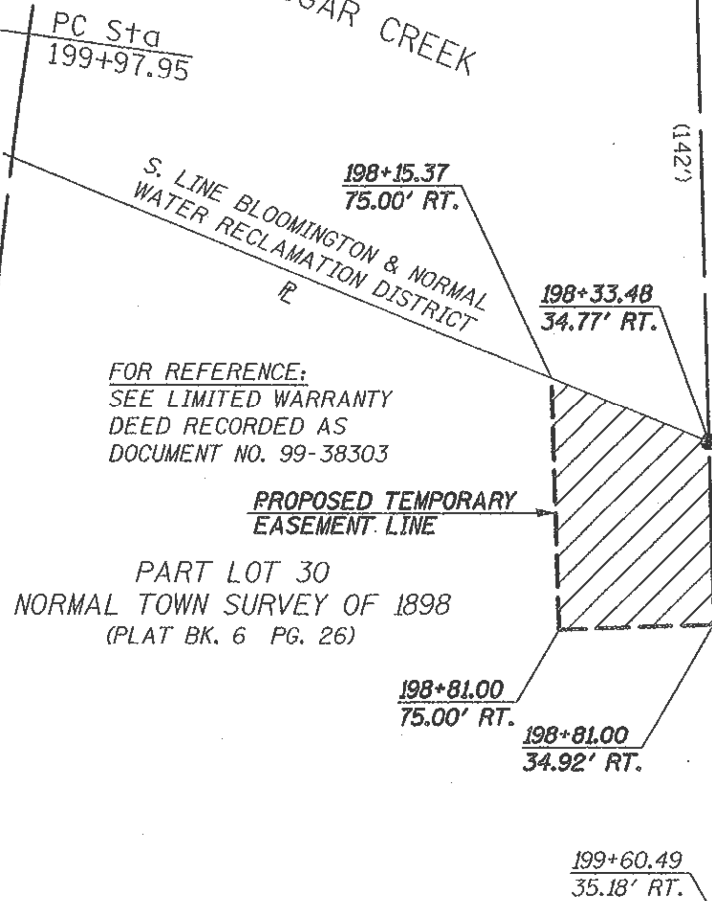
MONICAL PIZZA CORPORATION, AN ILLINOIS CORPORATION

PROPOSED TEMPORARY EASEMENT AREA REQUIRED = 2273 SQ. FT.±
 PURPOSE OF TEMPORARY EASEMENT: ENTRANCE CONSTRUCTION AND GRADING

PART OF LOT 30 IN THE NORMAL TOWN SURVEY OF 1898
 OF THE NORTHWEST QUARTER OF SECTION 33, TOWNSHIP 24
 NORTH, RANGE 2 EAST OF THE THIRD PRINCIPAL MERIDIAN
 AS PER PLAT RECORDED IN PLAT BOOK 6 ON PAGE 26,
 SITUATED IN McLEAN COUNTY, ILLINOIS.

STA. 197+71.43
 EXISTING STRUCTURE
 SN 057-0054

BRIDGE ST.
 (UNIMPROVED PLATTED ST.) (40')



- NOTES**
- BEARINGS ARE ASSUMED FOR DESCRIPTION PURPOSES ONLY.
 - ☒ RIGHT OF WAY MARKER FOUND
 - IRON PIN OR PIPE FOUND
 - X CHISELED "X" FOUND
 - PK NAIL FOUND
 - FENCE POST FOUND
 - () RECORD DATA
- FIELD WORK COMPLETED = APRIL 2012
 SURVEYED CENTERLINE IS NOT CENTER OF RIGHT OF WAY

RIGHT OF WAY PLAT

SCALE: 1" = 50' DATE: 5/9/2012 JOB NO. R-95-074-11



USER NAME = ceorlockjd	DESIGNED -	REVISED
FILE NAME = #FILES#	DRAWN - MRS	REVISED
PLOT SCALE = 0.0548' / in.	CHECKED - AJK	REVISED
PLOT DATE = 8/12/2014	DATE - 1/25/13	REVISED

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ROW PLANS		
SCALE: NTS	SHEET NO. 2 OF 3 SHEETS	STA. 196+00 TO STA. 200+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	62-ZBR	MCLEAN	65	25
CONTRACT NO. 70540				
ILLINOIS FED. AID PROJECT				

5741003
 BROMENN HEALTHCARE

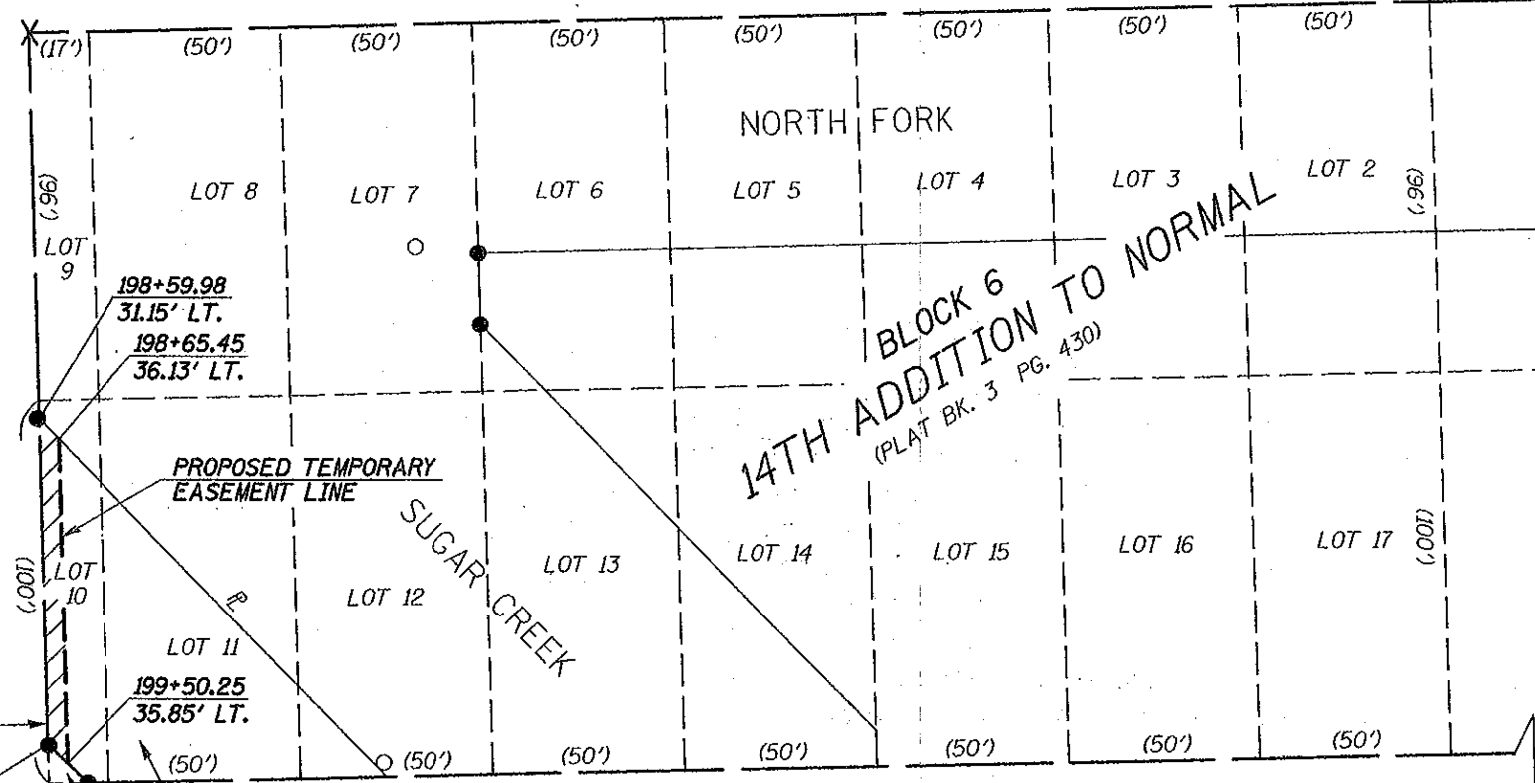
 PROPOSED TEMPORARY EASEMENT AREA REQUIRED = 425 SQ. FT.±
 PURPOSE OF TEMPORARY EASEMENT: SIDEWALK CONSTRUCTION AND GRADING

PART OF LOT 10 IN BLOCK 6 IN 14TH ADDITION TO THE
 TOWN OF NORMAL AS PER PLAT RECORDED IN PLAT BOOK 3
 ON PAGE 430, SITUATED IN McLEAN COUNTY, ILLINOIS.



STA. 197+71.43
 EXISTING STRUCTURE
 SN 057-0054

BRIDGE ST.
 (UNIMPROVED PLATTED ST.) (40')



NOTES
 BEARINGS ARE ASSUMED FOR DESCRIPTION PURPOSES ONLY.
 ☒ RIGHT OF WAY MARKER FOUND
 ● IRON PIN OR PIPE FOUND
 X CHISELED "X" FOUND
 ○ PK NAIL FOUND
 ○ FENCE POST FOUND
 () RECORD DATA
 FIELD WORK COMPLETED = APRIL 2012
 SURVEYED CENTERLINE IS NOT CENTER OF RIGHT OF WAY

SURVEYED & N.B. U.S. RTE. 51
 (MAIN ST.) S 01° 52' 52" E

198+59.98
 31.15' LT.
 198+65.45
 36.13' LT.

199+50.25
 35.85' LT.

199+45.30
 30.87' LT.

199+55.26
 30.84' LT.

FOR REFERENCE:
 SEE WARRANTY DEED
 RECORDED AS DOCUMENT
 NUMBER 2001R06444

VIRGINIA AVE.
 (F/K/A SILL ST.) (66')

FOUND IRON PIN
 EAST ROW LINE
 UNIVERSITY ST.

FOR 10'x10' EXCEPTION:
 SEE WARRANTY DEED
 AND PLAT OF SURVEY
 RECORDED AS DOCUMENT
 NUMBER 2009-00028196

RIGHT OF WAY PLAT

SCALE: 1" = 50' DATE 8/17/2012 JOB NO. R-95-074-11

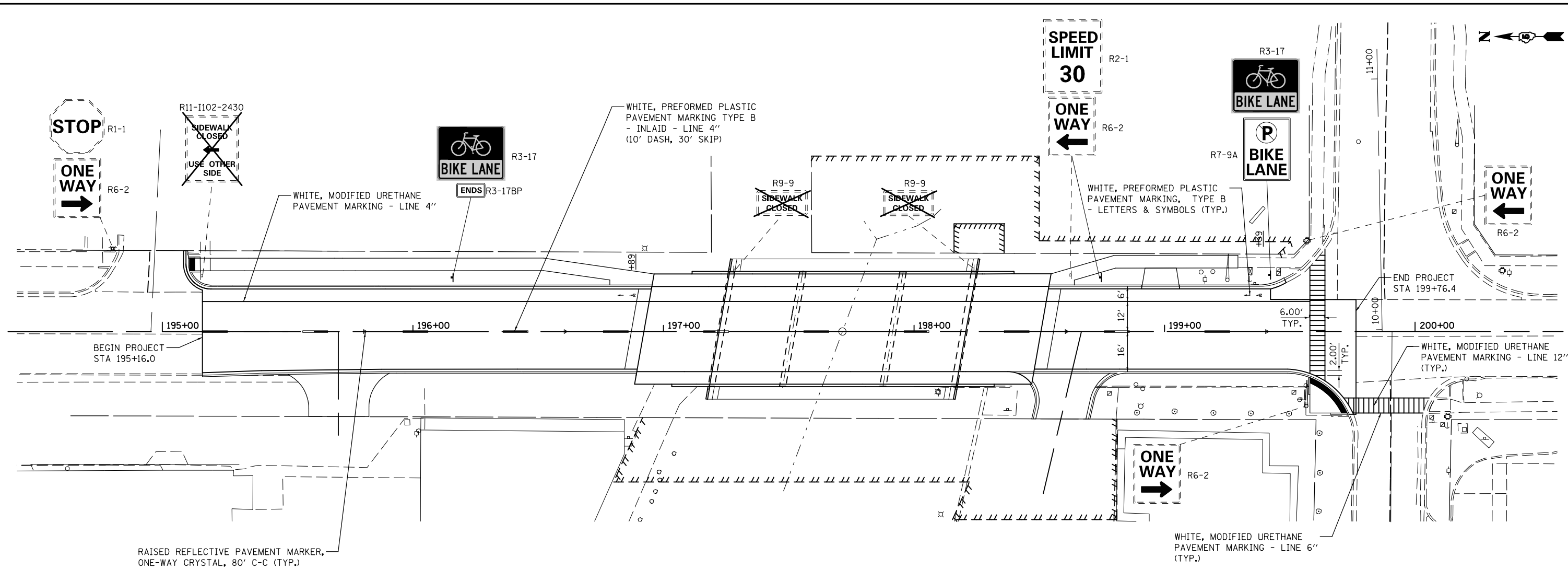


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FILE NAME = #FILES#	DRAWN - MRS	REVISED
PLOT SCALE = 0.0548' / in.	CHECKED - AJK	REVISED
PLOT DATE = 8/12/2014	DATE - 1/25/13	REVISED

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

US 51 ROW PLANS		
SCALE: NTS	SHEET NO. 3 OF 3 SHEETS	STA. 196+00 TO STA. 200+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	62-ZBR	MCLEAN	65	26
CONTRACT NO. 70540				
ILLINOIS FED. AID PROJECT				



RAISED REFLECTIVE PAVEMENT MARKER, ONE-WAY CRYSTAL, 80' C-C (TYP.)

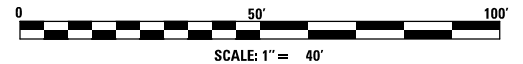
WHITE, MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (TYP.)

NOTES

- BOTTOM EDGE OF SIGNS SHALL BE SET LEVEL AT ELEVATION OF 7' ABOVE THE PROPOSED GRADE ELEVATION. POST LENGTHS INCLUDE THIS HEIGHT.
- ALL SIGNS SHALL BE PLACED MINIMUM 2'-0" BEHIND FACE OF CURB.
- SEE IDOT STANDARDS 720001, 720006, AND 728001 FOR SIGN PANEL AND SUPPORT DETAILS.

SIGN SCHEDULE

SHT NO.	ROUTE	DIR.	LOCATION			SIGN NO.	LEGEND/DESCRIPTION	SIGN PANEL DIMENSION			POST		REMARKS
			EXISTING STATION	PROPOSED STATION	PROPOSED OFFSET			WIDTH (IN.)	HEIGHT (IN.)	AREA (S.F.)	NO. POSTS	LENGTH (L.F.)	
1	US 51 NB	WB	194+80	REMAIN	33' LT	R1-1	STOP	36	36	9.00			KEEP EXISTING
1	US 51 NB	WB	194+80	REMAIN	33' LT	R6-2	ONE WAY	24	30	5.00			KEEP EXISTING
1	US 51 NB	SB	195+15	REMOVE		R11-1102-2430	SIDEWALK CLOSED - USE OTHER SIDE	24	24	4.00			REMOVE
1	US 51 NB	NB	196+16		21.6' LT	R3-17	BIKE LANE	24	18	3.00			PROPOSED
1	US 51 NB	NB	196+16		21.5' LT	R3-17BP	BIKE LANE (PLAQUES) - ENDS	24	8	1.33			PROPOSED
							SIGN SUPPORT FOR ABOVE 2 SIGNS				1	15.5	GROUND MOUNT
1	US 51 NB	SB	197+28	REMOVE		R9-9	SIDEWALK CLOSED	24	12	2.00			REMOVE
1	US 51 NB	NB	198+23	REMOVE		R9-9	SIDEWALK CLOSED	24	12	2.00			REMOVE
1	US 51 NB	NB	198+62	198+75	21.5' LT	R2-1	SPEED LIMIT - 30 MPH	18	24	3.00			RELOCATE
1	US 51 NB	EB	198+62	198+75	21.5' LT	R6-2	ONE WAY	24	30	5.00			RELOCATE
1	US 51 NB	NB	199+42	199+42	22.6' LT	R3-17	BIKE LANE	24	18	3.00			PROPOSED
1	US 51 NB	NB	199+42	199+42	22.6' LT	R7-9A	NO PARKING - BIKE LANE	12	18	1.50			PROPOSED
							SIGN SUPPORT FOR ABOVE 2 SIGNS				1	16.0	GROUND MOUNT
1	US 51 NB	WB	199+56	REMAIN	29.7' RT	R6-2	ONE WAY	24	30	5.00			KEEP EXISTING
1	US 51 NB	EB	199+57	REMAIN	36.3' LT	R6-2	ONE WAY	24	30	5.00			KEEP EXISTING



USER NAME = cealockjd	DESIGNED - MDK	REVISED
FILE NAME = \$FILES\$	DRAWN - MDK	REVISED
PLOT SCALE = 40.0000' / in.	CHECKED - AJK	REVISED
PLOT DATE = 8/12/2014	DATE - 1/25/13	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRIPING AND SIGNING PLAN

SCALE: 1" = 40' SHEET NO. 1 OF 1 SHEETS STA. 195+16 TO STA. 198+76.4

F.A.P. RTE. 730	SECTION 62-ZBR	COUNTY MCLEAN	TOTAL SHEETS 65	SHEET NO. 27
CONTRACT NO. 70540				
ILLINOIS FED. AID PROJECT				

Benchmark: Top of wingwall at Northwest corner of existing bridge, S.N. 057-0054, Station 197+35.38, 30.2 ft. Rt. Elev. 760.71.

Existing Structure: S.N. 057-0054 was originally constructed in 1917 as Main St., Section 57.24-1. The original structure was a 3-span reinforced concrete bridge with closed concrete abutments. This structure was reconstructed in 1954, as SBI 2, Section 62-ZB at station 12+45.70. The existing structure is a 3-span C.I.P. concrete deck bridge, 55'-0" back-to-back of abutments and 45'-6" out-to-out of deck. The pier caps, abutment caps, and the top of the wing walls were removed and reconstructed to accommodate the new wider reinforced concrete slab superstructure. The channel bottom and side slopes up and down stream of the bridge, as well as through the bridge, are paved with concrete. Immediately adjacent to S.N. 057-0054 is a pedestrian bridge constructed prior to 1954, 65'-0" back-to-back of abutments and 4'-0" out-to-out of deck. Its abutments are attached to the wingwalls on the east side of S.N. 057-0054. The bridge is a 2-span steel beam bridge with P.C.C. deck on closed abutments. The existing structures will be removed and replaced with a three-span C.I.P. concrete slab bridge utilizing stage construction to maintain one lane of traffic.

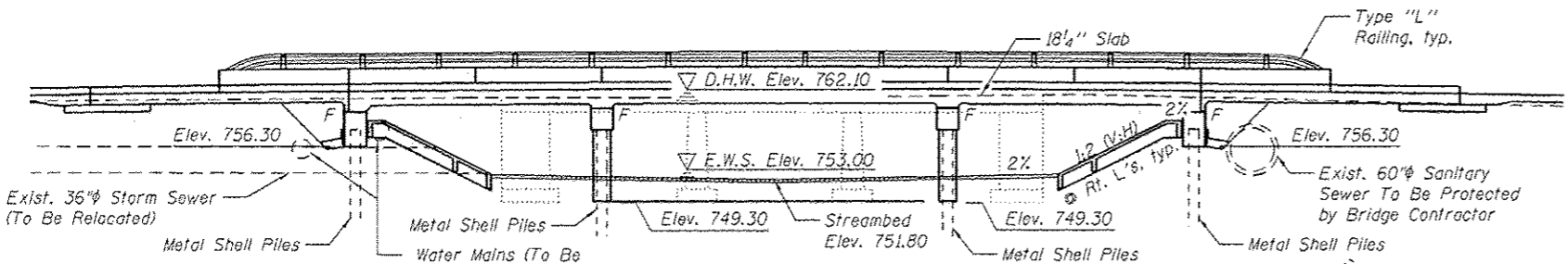
No Salvage.

WATERWAY INFORMATION

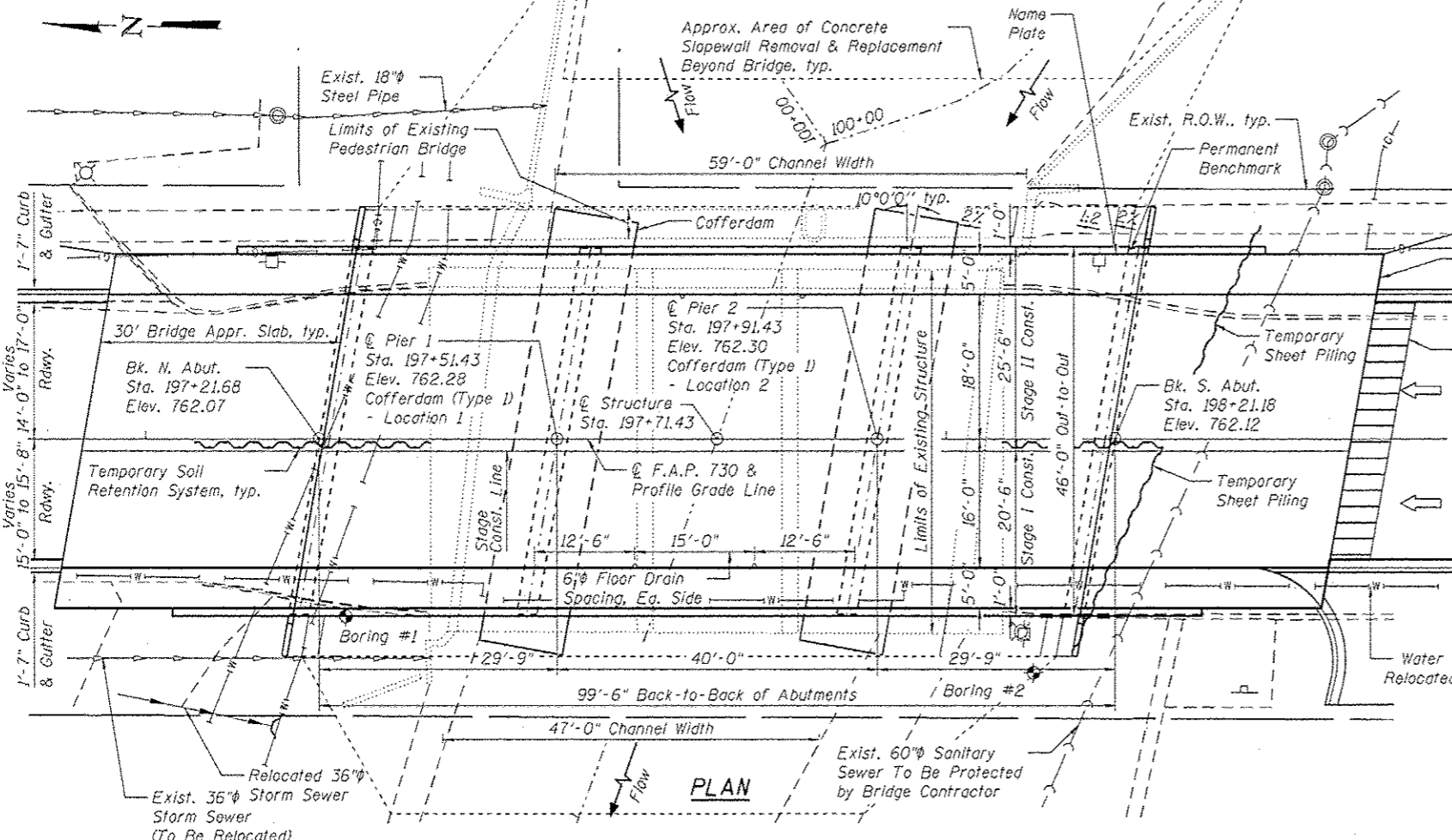
Flood		Freq. Yr.	C.F.S.	Opening Sq. Ft.	Nat. H.W.E.	Head - Ft.	Headwater El.
				Exist.	Prop.	Exist.	Prop.
Design	10	2,080	365	579	759.9	0.3	0.0
Base	50	3,235	365	599	762.1	0.3	0.1
Overtopping (E)	100	3,940	365	599	763.2	0.1	0.1
Overtopping (P)	10	2,080	-	579	759.9	-	0.0

10 Yr. Velocity thru Exist. Bridge = 5.72 fps 10 Yr. Velocity thru Prop. Bridge = 3.55 fps

Design Scour Elevations (ft.)			
N. Abut.	Pier 1	Pier 2	S. Abut.
755.6	747.2	747.2	755.6



ELEVATION



PLAN

INDEX OF SHEETS

1. General Plan and Elevation
2. General Data & Slopewall-Paved Ditch Plan
3. Staging Details
4. Modified Temporary Concrete Barrier for Stage Construction
- 5.-6. Top of Slab Elevations
- 7.-8. Top of Approach Slab Elevations
9. Superstructure
- 10.-11. Superstructure Details
12. Sanitary Sewer Encasement Details
- 13.-15. Bridge Approach Slab Details
16. Aluminum Railing, Type L
17. North Abutment
18. South Abutment
19. Piers 1 & 2
20. Metal Shell Pile Details
21. Bar Splicer Assembly Details
- 22.-23. Soil Borings

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Removal of Existing Structures	Each	-	-	1
Structure Excavation	Cu. Yd.	-	344	344
Cofferdam (Type I) (Location - 1)	Each	-	1	1
Cofferdam (Type I) (Location - 2)	Each	-	1	1
Floor Drains	Each	4	-	4
Concrete Structures	Cu. Yd.	-	149.3	149.3
Concrete Superstructure	Cu. Yd.	446.6	-	446.6
Bridge Deck Grooving	Sq. Yd.	564	-	564
Protective Coat	Sq. Yd.	872	14	886
Reinforcement Bars, Epoxy Coated	Pound	116,660	19,850	136,510
Aluminum Railing, Type L	Foot	253	-	253
Bar Splicers	Each	431	134	565
Furnishing Metal Shell Piles 14"x0.250"	Foot	-	1,014	1,014
Driving Piles	Foot	-	1,014	1,014
Test Pile Metal Shells	Each	-	4	4
Pile Shoes	Each	-	32	32
Name Plates	Each	1	-	1
Geocomposite Wall Drain	Sq. Yd.	-	53	53
Sanitary Sewer Television Inspection, Videotaping and Recording	Foot	-	-	430
Granular Backfill for Structures	Cu. Yd.	-	113	113
Concrete Structures (Special)	Cu. Yd.	-	59.9	59.9
Temporary Sheet Piling	Sq. Ft.	-	890	890
Diamond Grinding (Bridge Section)	Sq. Yd.	570	-	570
Pipe Underdrains for Structures 4"	Foot	-	134	134
Temporary Soil Retention System	Sq. Ft.	-	320	320
Slope Wall 4"	Sq. Yd.	-	971	971

APPROVED
For Structural Adequacy Only
Robert A. Lee
Engineer of Bridges & Structures

STATION 197+71.43
BUILT 20__ BY
STATE OF ILLINOIS
F.A.P. RT. 730 SEC. 62-ZBR
LOADING HL-93
STRUCTURE NO. 057-0256

NAME PLATE
See Std. 515001

LOADING HL-93

Allow 50#/sq. ft. for future wearing surface.

DESIGN STRESSES
FIELD UNITS

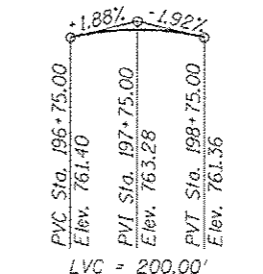
$f'_c = 3,500$ psi
 $f_y = 60,000$ psi (Reinforcement)

DESIGN SPECIFICATIONS

2010 AASHTO LRFD Bridge Design Specifications with 2010 Interims

SEISMIC DATA

Seismic Performance Zone (SPZ) = 1
Design Spectral Acceleration at 1.0 sec. (S_{D1}) = 0.121
Design Spectral Acceleration at 0.2 sec. (S_{D5}) = 0.198
Soil Site Class = D



PROFILE GRADE

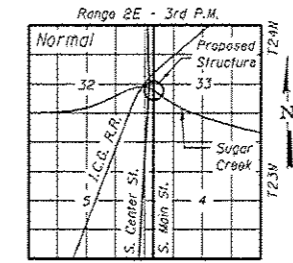
(along & Roadway)

Notes:
Up to 1/4 inch will be ground off the bridge slab and bridge approach slab.

The Profile Grade shows final elevations after grinding.

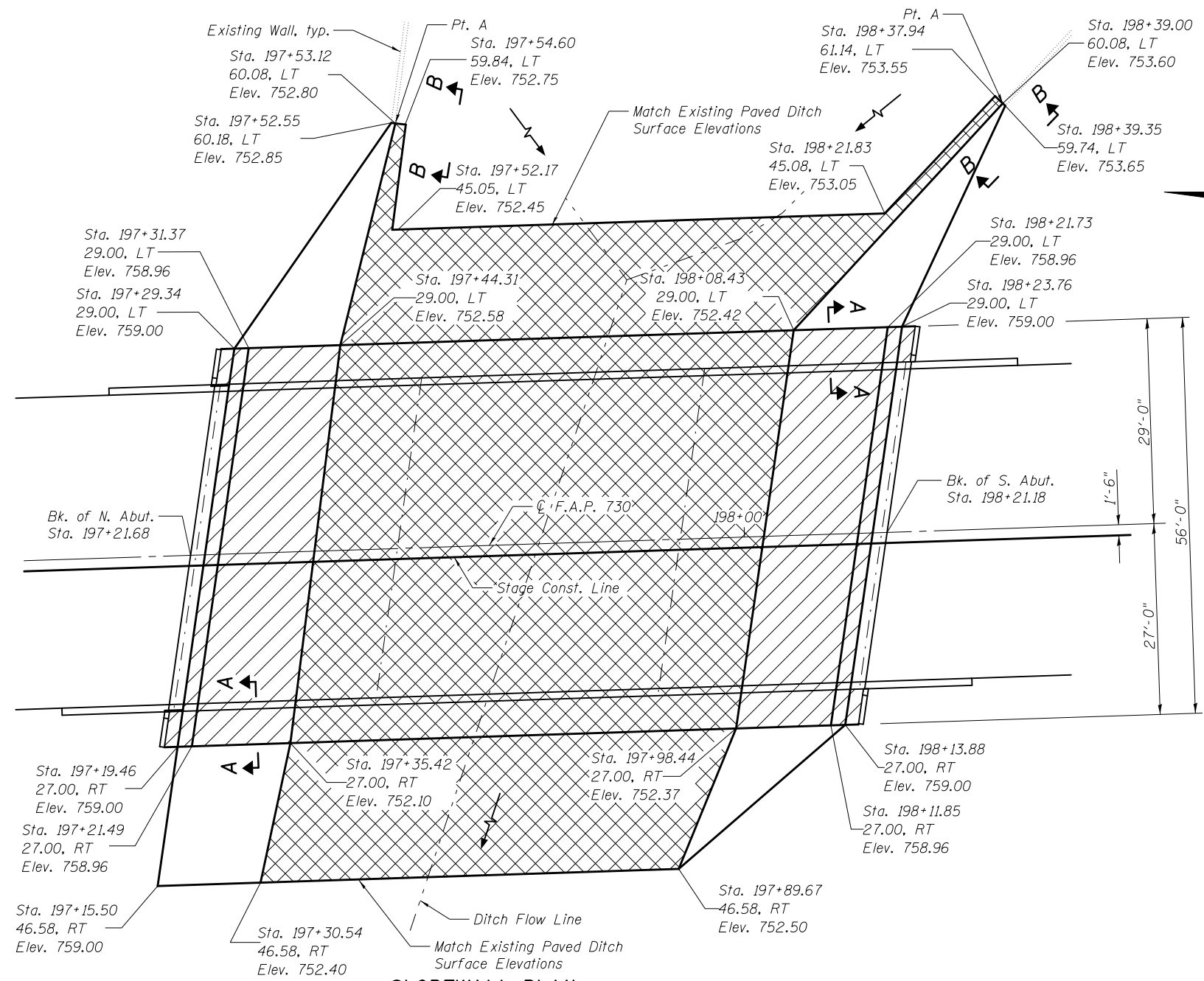


Robert A. Lee
Date Signed: 9-30-2014
Exp. Date: 11-30-2014



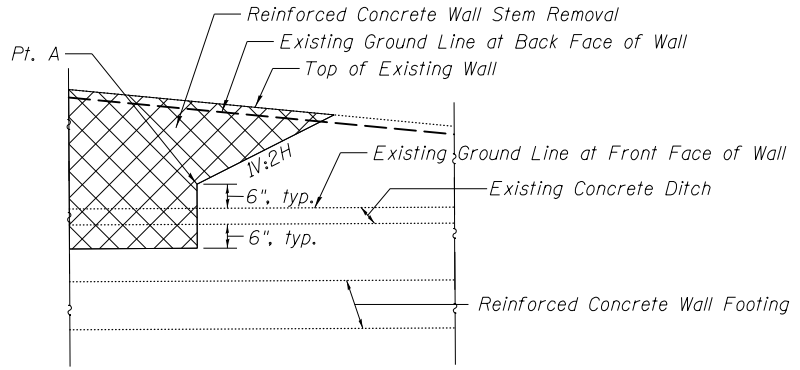
LOCATION SKETCH

GENERAL PLAN AND ELEVATION
US BUS 51 NB OVER SUGAR CREEK
F.A.P. RTE. 730 - SEC. 62-ZBR
MCLEAN COUNTY
STATION 197+71.43
STRUCTURE NO. 057-0256

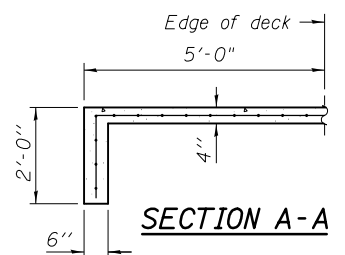


SLOPEWALL PLAN

- Indicates Concrete Removal & Proposed Paved Ditch
- Indicates Proposed Paved Ditch
- Indicates Proposed Slope Wall



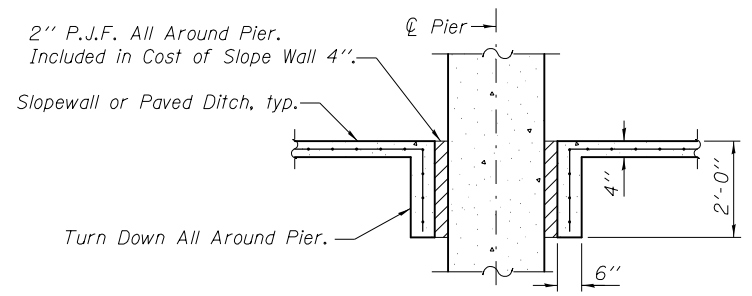
VIEW B-B



SECTION A-A

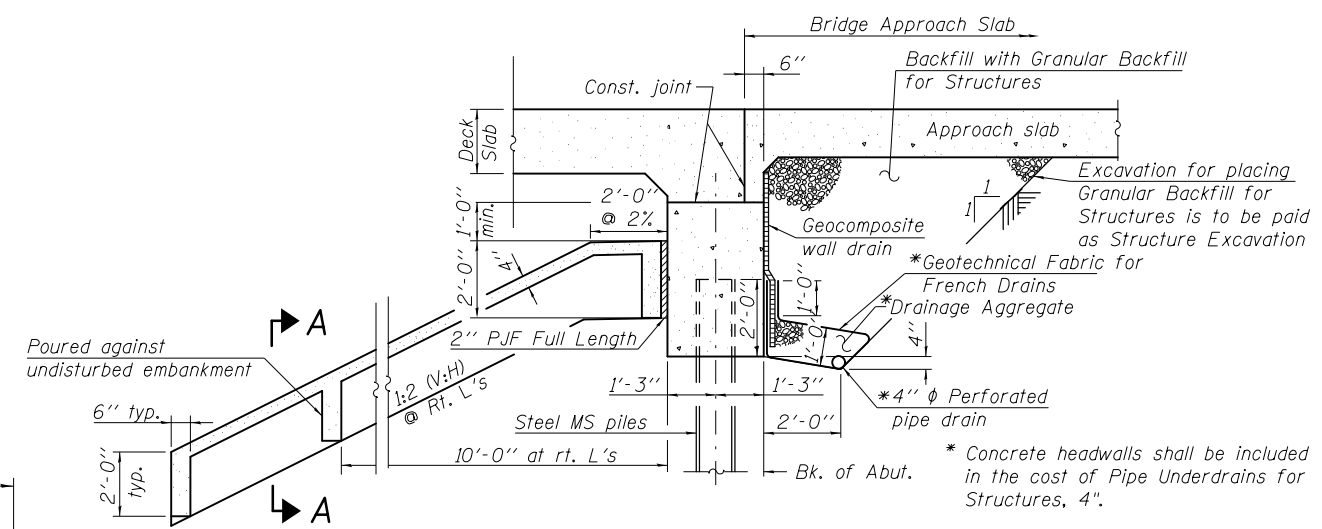
GENERAL NOTES

- Reinforcement bars designated (E) shall be epoxy coated.
- The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.
- Removal of portions of the existing paved ditch and retaining walls is included in the cost of Removal of Existing Structures.
- The Contractor shall make allowance for the deflection of forms, shrinkage and settlement of falsework, in addition to allowance for dead load deflection. Forms for deck slab shall be removed prior to placement of bridge approach slab.
- Excavation behind existing abutment walls shall be performed to balance front and back soil pressure before removing the existing superstructure. The Contractor shall sawcut the upper portion of the existing abutment at the stage removal line before Stage I removal to ensure the remaining portion will not be prematurely damaged.
- Slope wall and paved ditch shall be reinforced with welded wire fabric, 6" x 6" - W4.0 x W4.0, weighing 58 lbs. per 100 sq. ft.
- Paved ditch shall be constructed in accordance with Section 606 of the Standard Specifications. Paved ditch is included in the cost of Slope Wall 4".



SECTION THRU PIER

(Horiz. dim. @ Rt. L's)



SECTION THRU ABUTMENT

(Horiz. dim. @ Rt. L's)

All drainage system components shall extend to 2'-0" from the end of each wingwall except an outlet pipe shall extend until intersecting with the side slopes. The pipes shall drain into concrete headwalls. (See Article 601.05 of Standard Specifications and Highway Standard 601101).



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PLOT SCALE = 20.0000' / in.	CHECKED - THW	REVISED
PLOT DATE = 8/12/2014	DRAWN - THW	REVISED
	CHECKED - VPT	REVISED

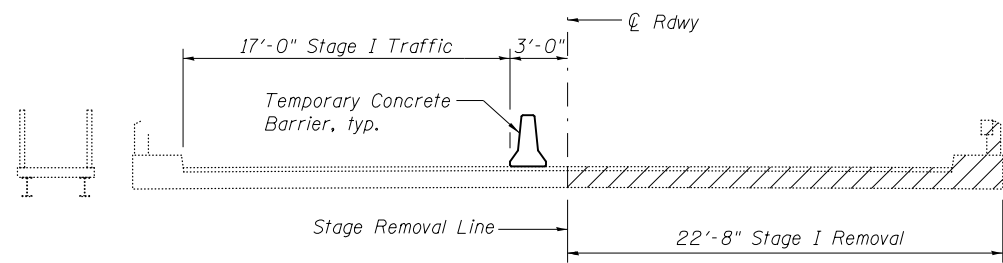
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL DATA & SLOPEWALL-PAVED DITCH PLAN
STRUCTURE NO. 057-0256**

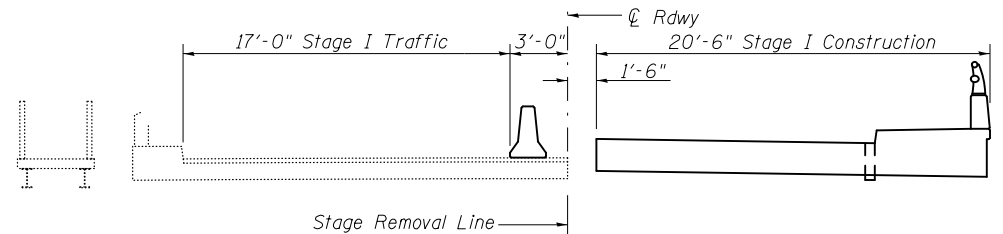
SHEET NO. 2 OF 23 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	62-ZBR	MCLEAN	65	29
CONTRACT NO. 70540				

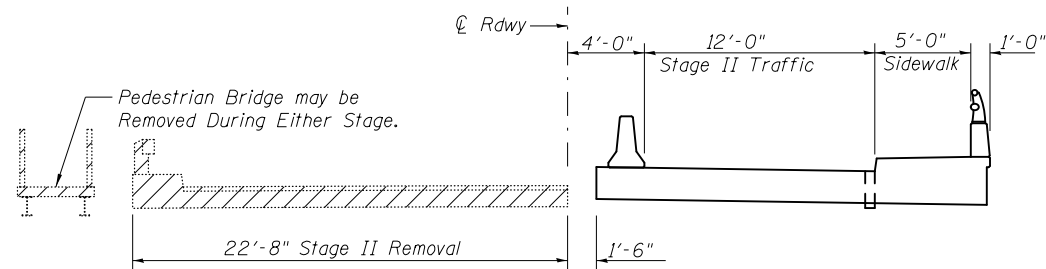
ILLINOIS FED. AID PROJECT



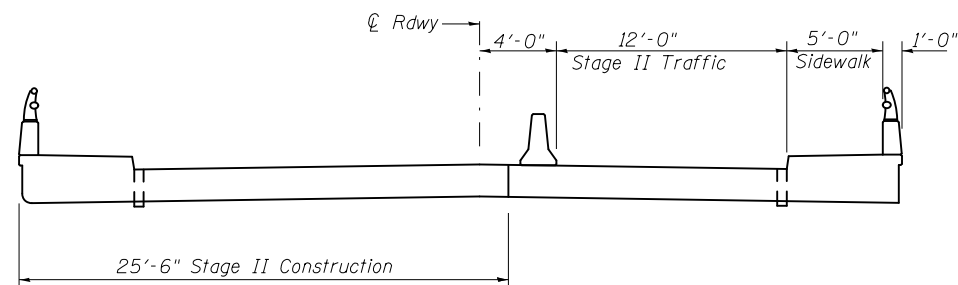
STAGE I REMOVAL
(Looking South)



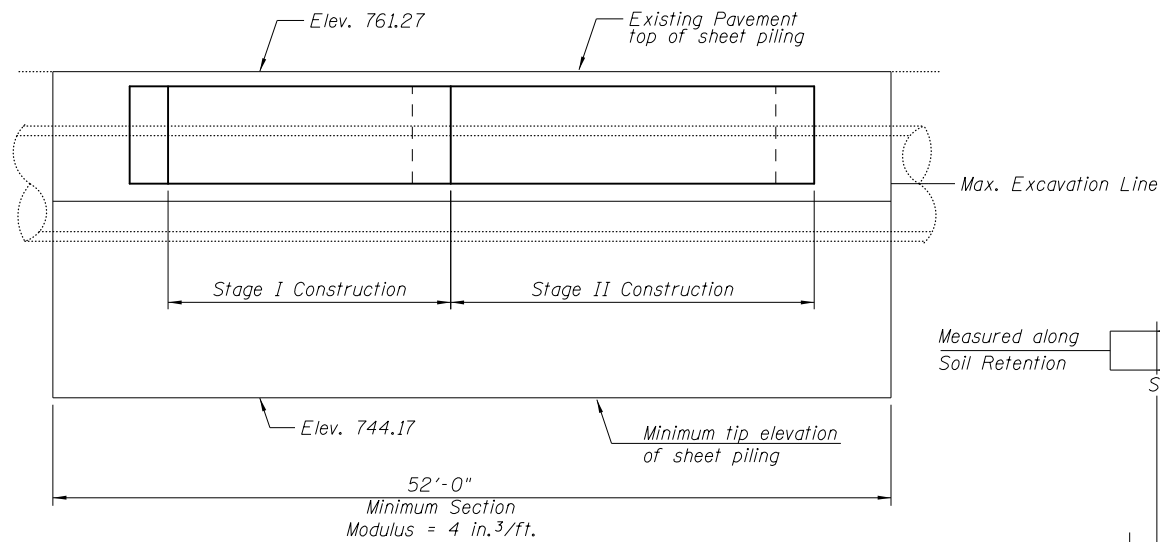
STAGE I CONSTRUCTION
(Looking South)



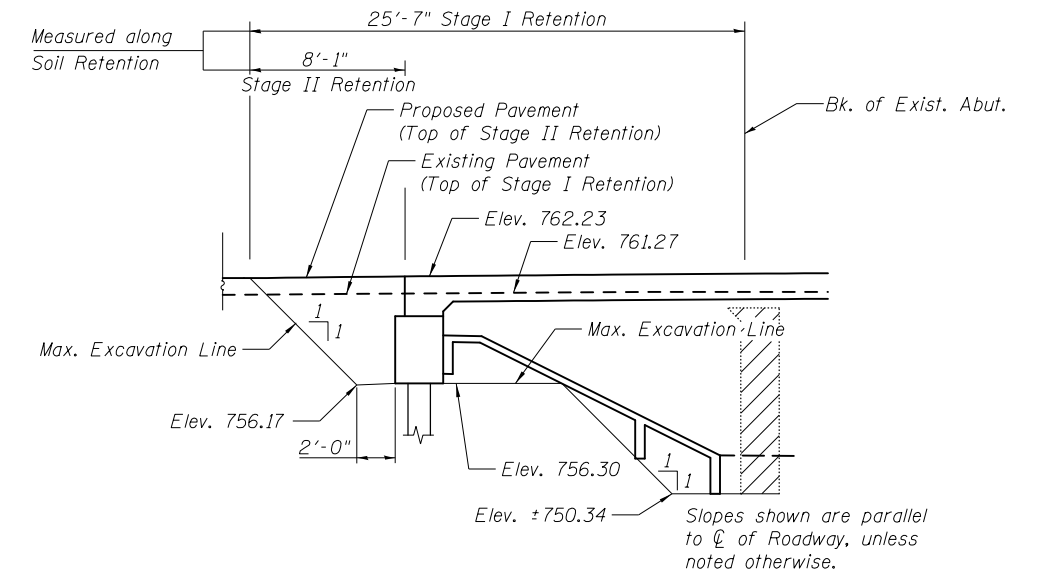
STAGE II REMOVAL
(Looking South)



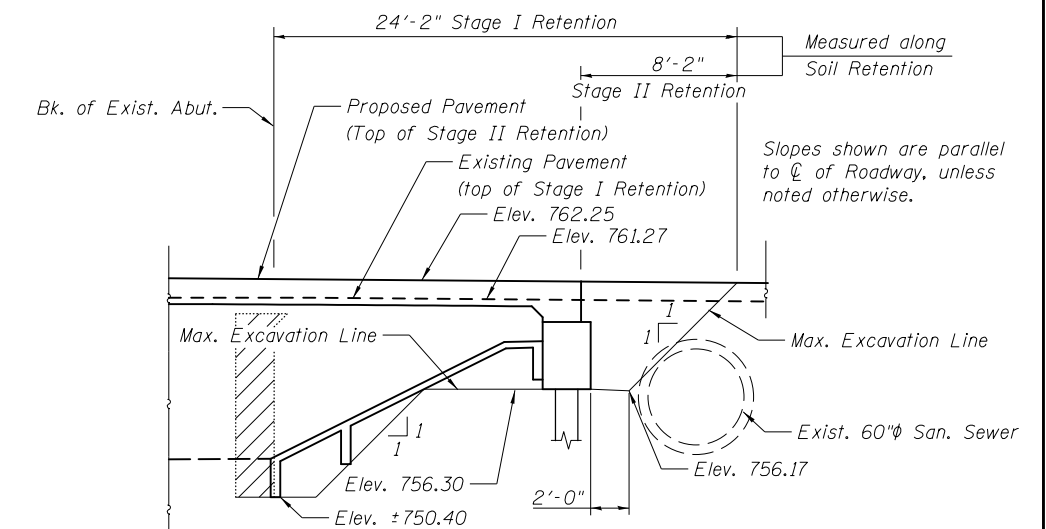
STAGE II CONSTRUCTION
(Looking South)



**TEMPORARY SHEET PILING
SANITARY SEWER ENCASEMENT**
(LOOKING NORTH)



**TEMPORARY SOIL RETENTION SYSTEM
NORTH ABUTMENT**
(LOOKING EAST)



**TEMPORARY SOIL RETENTION SYSTEM
SOUTH ABUTMENT**
(LOOKING EAST)

Notes:
 Hatched areas indicate Removal of Existing Structures.
 Removal of existing pedestrian bridge is included with Removal of Existing Structures.
 For quantity and location of Temporary Concrete Barrier, see Roadway Plans.
 A cantilevered sheet piling design does not appear feasible and additional members or other retention systems may be necessary. The Contractor shall submit a temporary soil retention system design including plan details and calculations for review and acceptance by the Engineer.
 Sanitary sewer encasement in Stage I, shall be done prior to excavation of South Abutment. For details of sanitary sewer encasement, see Sheet 12 of 23.



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	CHECKED - VPT	REVISED

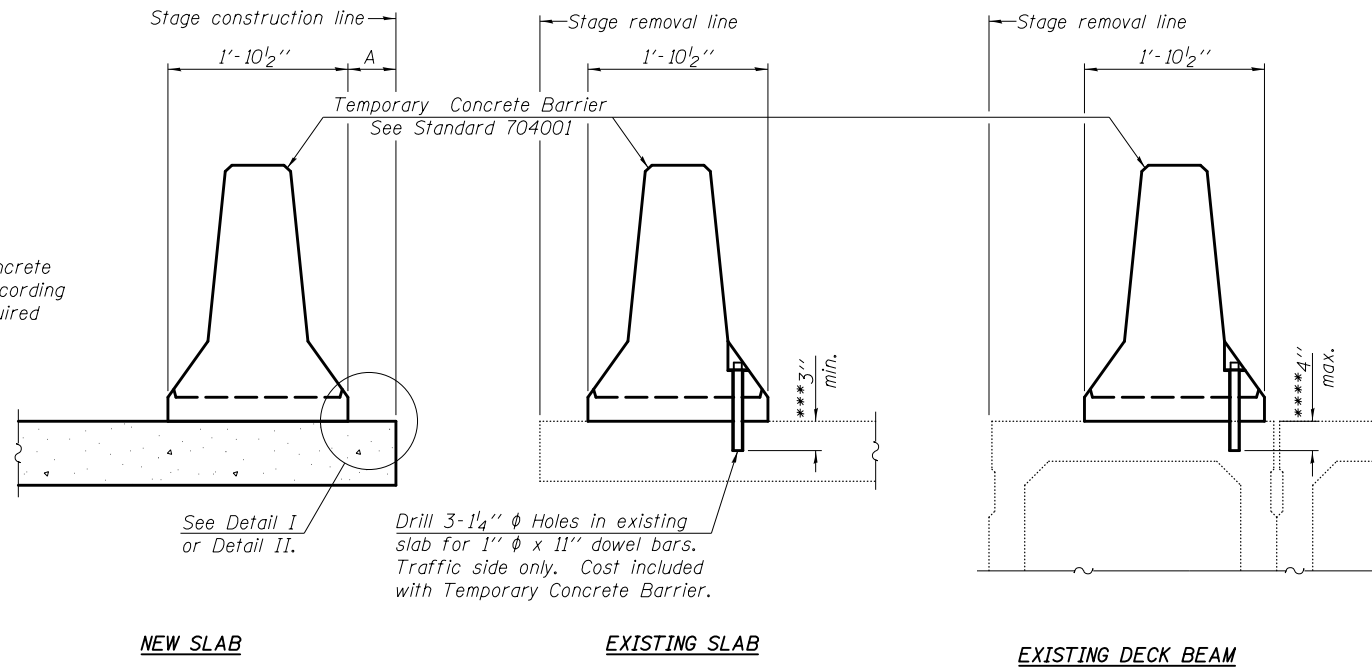
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING DETAILS
STRUCTURE NO. 057-0256

SHEET NO. 3 OF 23 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	62-ZBR	MCLEAN	65	30
CONTRACT NO. 70540				
ILLINOIS FED. AID PROJECT				

When "A" is 3'-6" or less, the temporary concrete barrier shall be anchored to the new slab according to Detail I or Detail II. No anchorage is required when "A" is greater than 3'-6".



SECTIONS THRU SLAB OR DECK BEAM

NOTES

Detail I - With Bar Splicer or Couplers:
Connect one (1) 1" x 9" x "W" steel \bar{P} to the top layer of couplers with 2-5/8" ϕ bolts screwed to coupler at approximate \bar{C} of each barrier panel.

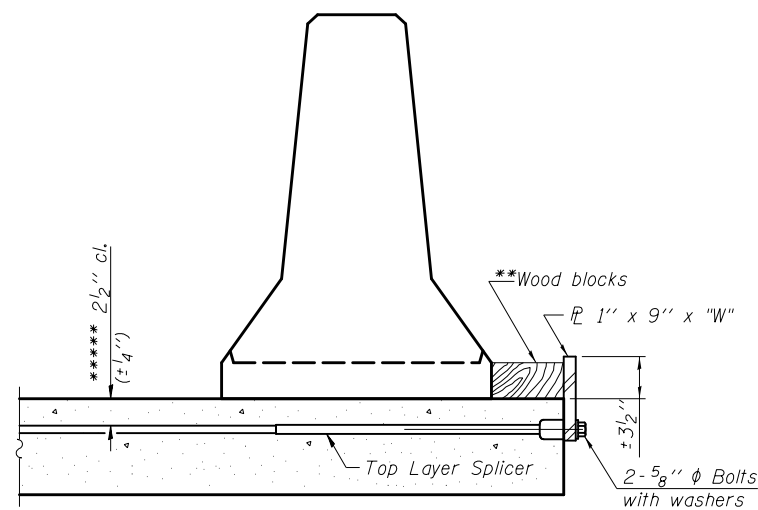
Detail II - With Extended Reinforcement Bars:
Connect one (1) 1" x 9" x "W" steel \bar{P} to the concrete slab or concrete wearing surface with 2-5/8" ϕ Expansion Anchors or cast in place inserts spaced between the top layer of reinforcement at approximate \bar{C} of each barrier panel.

Cost of anchorage is included with Temporary Concrete Barrier. The 1" x 9" x "W" plate shall not be removed until stage II construction forms and all reinforcement bars are in place and the concrete is ready to be placed.

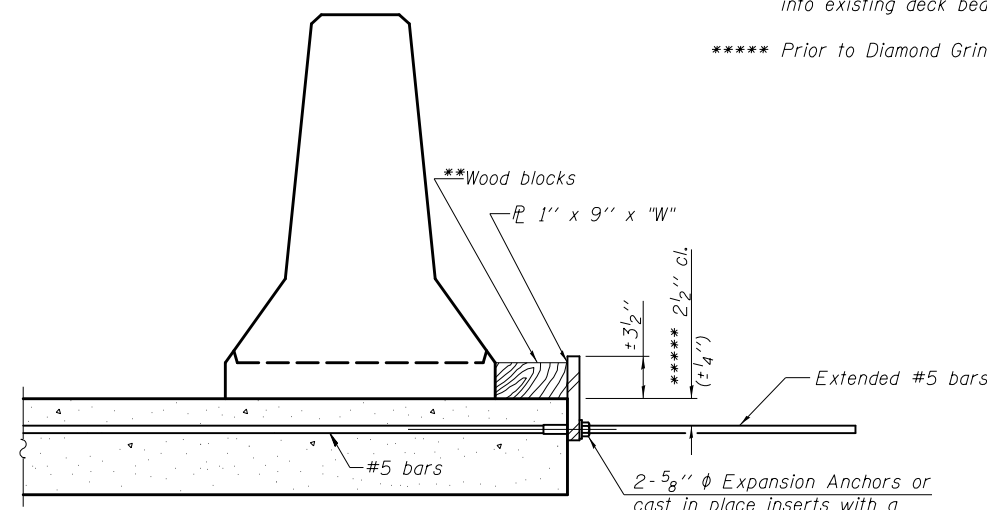
*** Dimension shown is minimum required embedment into concrete. If hot-mix asphalt wearing surface is present, minimum embedment shall be in addition to wearing surface depth.

**** If existing deck beam is to remain in place after stage construction, embedment shall only be into wearing surface and not into existing deck beam concrete.

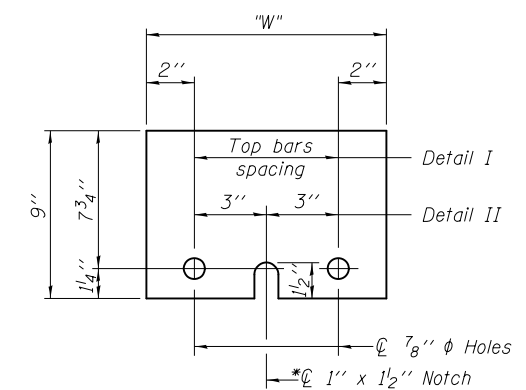
***** Prior to Diamond Grinding of Bridge Section.



DETAIL I



DETAIL II

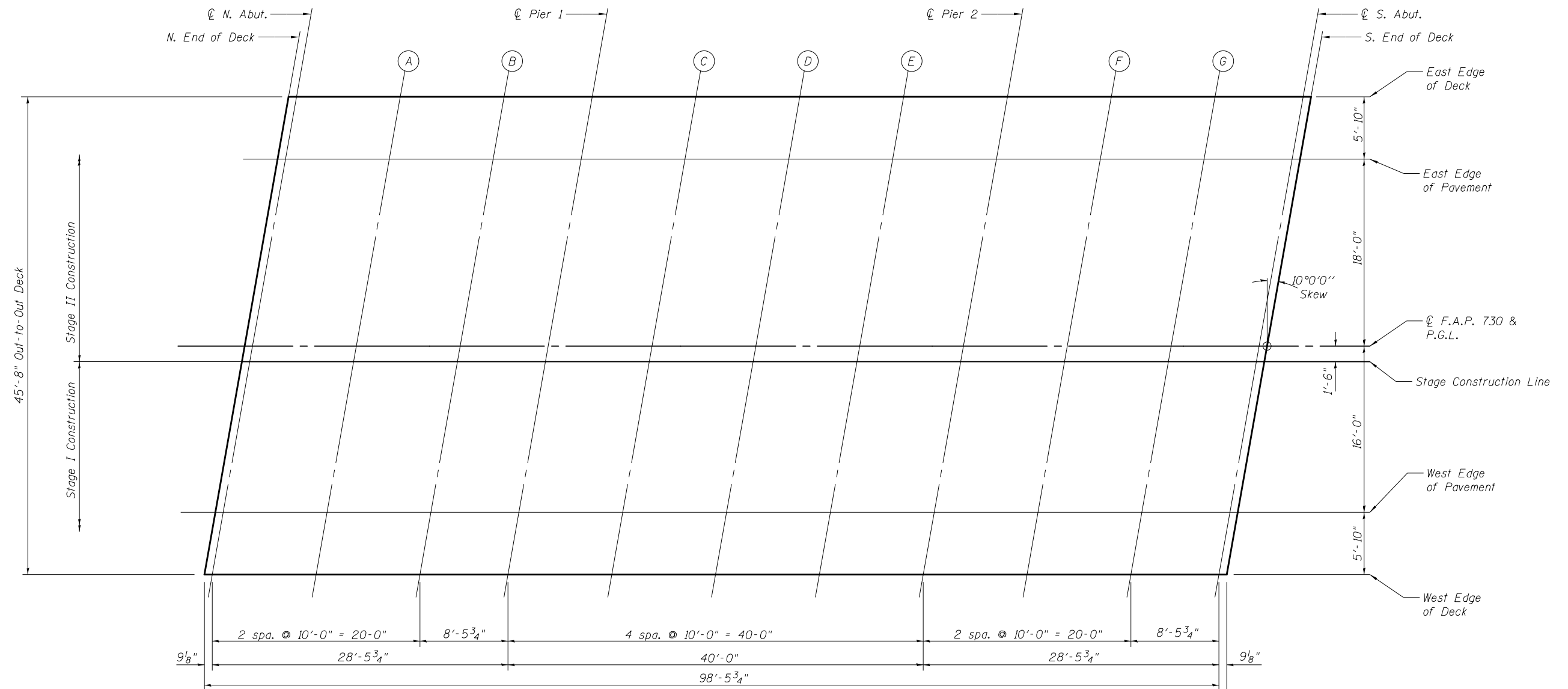
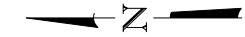


STEEL RETAINER \bar{P} 1" x 9" x "W"

* Required only with Detail II

** Wood blocks may be omitted when required to provide minimum stage traffic lane width. When the wood blocks are omitted, the concrete barrier shall be in direct contact with the steel retainer plate.

"W" = Top bars spacing + 4"



PLAN

(Sheet 1 of 2)



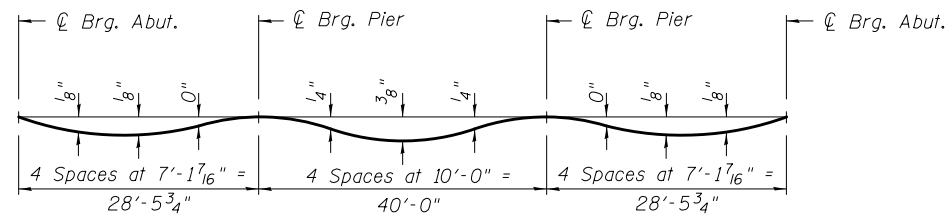
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PLOT SCALE = 0:2.0000' / 1" =	CHECKED - THW	REVISED
PLOT DATE = 8/12/2014 *TIME*	DRAWN - THW	REVISED
	CHECKED - VPT	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF SLAB ELEVATIONS
STRUCTURE NO. 057-0256

SHEET NO. 5 OF 23 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	62-ZBR	MCLEAN	65	32
CONTRACT NO. 70540				
ILLINOIS FED. AID PROJECT				



DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete only.)

Note:

The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections and grinding as shown to the right.

EAST EDGE OF DECK

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
N. End of Deck	197+29.57	-23.83	762.05	762.08
☉ N. Abut.	197+30.33	-23.83	762.06	762.08
A	197+40.33	-23.83	762.13	762.16
B	197+50.33	-23.83	762.19	762.21
☉ Pier 1	197+58.81	-23.83	762.22	762.24
C	197+68.81	-23.83	762.24	762.29
D	197+78.81	-23.83	762.24	762.29
E	197+88.81	-23.83	762.22	762.25
☉ Pier 2	197+98.81	-23.83	762.18	762.20
F	198+08.81	-23.83	762.13	762.16
G	198+18.81	-23.83	762.05	762.07
☉ S. Abut.	198+27.29	-23.83	761.97	761.99
S. End of Deck	198+28.05	-23.83	761.96	761.98

EAST EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
N. End of Deck	197+25.36	-18.00	761.84	761.86
☉ N. Abut.	197+26.12	-18.00	761.84	761.86
A	197+36.12	-18.00	761.92	761.95
B	197+46.12	-18.00	761.99	762.01
☉ Pier 1	197+54.60	-18.00	762.02	762.05
C	197+64.60	-18.00	762.05	762.10
D	197+74.60	-18.00	762.06	762.11
E	197+84.60	-18.00	762.05	762.08
☉ Pier 2	197+94.60	-18.00	762.02	762.04
F	198+04.60	-18.00	761.97	762.00
G	198+14.60	-18.00	761.90	761.93
☉ S. Abut.	198+23.08	-18.00	761.83	761.85
S. End of Deck	198+23.84	-18.00	761.82	761.84

☉ F.A.P. 730 & P.G.L.

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
N. End of Deck	197+22.19	0.00	762.08	762.10
☉ N. Abut.	197+22.95	0.00	762.08	762.10
A	197+32.95	0.00	762.17	762.20
B	197+42.95	0.00	762.24	762.26
☉ Pier 1	197+51.43	0.00	762.28	762.30
C	197+61.43	0.00	762.32	762.36
D	197+71.43	0.00	762.33	762.38
E	197+81.43	0.00	762.32	762.37
☉ Pier 2	197+91.43	0.00	762.30	762.32
F	198+01.43	0.00	762.26	762.29
G	198+11.43	0.00	762.20	762.23
☉ S. Abut.	198+19.91	0.00	762.13	762.15
S. End of Deck	198+20.67	0.00	762.12	762.14

STAGE CONSTRUCTION LINE

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
N. End of Deck	197+21.93	1.50	762.05	762.07
☉ N. Abut.	197+22.69	1.50	762.06	762.08
A	197+32.69	1.50	762.15	762.18
B	197+42.69	1.50	762.21	762.24
☉ Pier 1	197+51.17	1.50	762.26	762.28
C	197+61.17	1.50	762.29	762.33
D	197+71.17	1.50	762.31	762.36
E	197+81.17	1.50	762.30	762.34
☉ Pier 2	197+91.17	1.50	762.28	762.30
F	198+01.17	1.50	762.24	762.26
G	198+11.17	1.50	762.18	762.21
☉ S. Abut.	198+19.65	1.50	762.11	762.13
S. End of Deck	198+20.41	1.50	762.10	762.12

WEST EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
N. End of Deck	197+19.37	16.00	761.81	761.83
☉ N. Abut.	197+20.13	16.00	761.81	761.84
A	197+30.13	16.00	761.91	761.94
B	197+40.13	16.00	761.98	762.01
☉ Pier 1	197+48.61	16.00	762.03	762.05
C	197+58.61	16.00	762.07	762.10
D	197+68.61	16.00	762.09	762.14
E	197+78.61	16.00	762.09	762.13
☉ Pier 2	197+88.61	16.00	762.07	762.09
F	197+98.61	16.00	762.03	762.06
G	198+08.61	16.00	761.98	762.01
☉ S. Abut.	198+17.09	16.00	761.91	761.93
S. End of Deck	198+17.85	16.00	761.91	761.93

WEST EDGE OF DECK

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
N. End of Deck	197+21.51	21.83	762.01	762.03
☉ N. Abut.	197+22.27	21.83	762.02	762.04
A	197+32.27	21.83	762.11	762.14
B	197+42.27	21.83	762.18	762.20
☉ Pier 1	197+50.75	21.83	762.22	762.24
C	197+60.75	21.83	762.26	762.30
D	197+70.75	21.83	762.27	762.32
E	197+80.75	21.83	762.27	762.31
☉ Pier 2	197+90.75	21.83	762.24	762.27
F	198+00.75	21.83	762.20	762.23
G	198+10.75	21.83	762.14	762.17
☉ S. Abut.	198+19.23	21.83	762.08	762.10
S. End of Deck	198+19.99	21.83	762.07	762.09

(Sheet 2 of 2)



USER NAME = ceerlockjd	DESIGNED - VPT	REVISED
	CHECKED - THW	REVISED
PLOT SCALE = 0:2.0000 ' / in.	DRAWN - THW	REVISED
PLOT DATE = 8/12/2014	CHECKED - VPT	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TOP OF SLAB ELEVATIONS
STRUCTURE NO. 057-0256**

SHEET NO. 6 OF 23 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	62-ZBR	MCLEAN	65	33
CONTRACT NO. 70540				
ILLINOIS FED. AID PROJECT				

EAST EDGE OF SLAB

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Grinding
End N. Appr. Slab	196+96.25	-23.00	761.64	761.66
H	197+06.25	-23.00	761.78	761.80
I	197+16.25	-23.00	761.89	761.92
N. End Bridge Deck	197+26.25	-23.00	761.99	762.02

EAST EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Grinding
End N. Appr. Slab	196+95.36	-18.00	761.47	761.49
H	197+05.36	-18.00	761.61	761.63
I	197+15.36	-18.00	761.73	761.75
N. End Bridge Deck	197+25.36	-18.00	761.84	761.86

☉ F.A.P. 730 & P.G.L.

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Grinding
End N. Appr. Slab	196+92.19	0.00	761.70	761.72
H	197+02.19	0.00	761.84	761.86
I	197+12.19	0.00	761.97	761.99
N. End Bridge Deck	197+22.19	0.00	762.08	762.10

STAGE CONSTRUCTION LINE

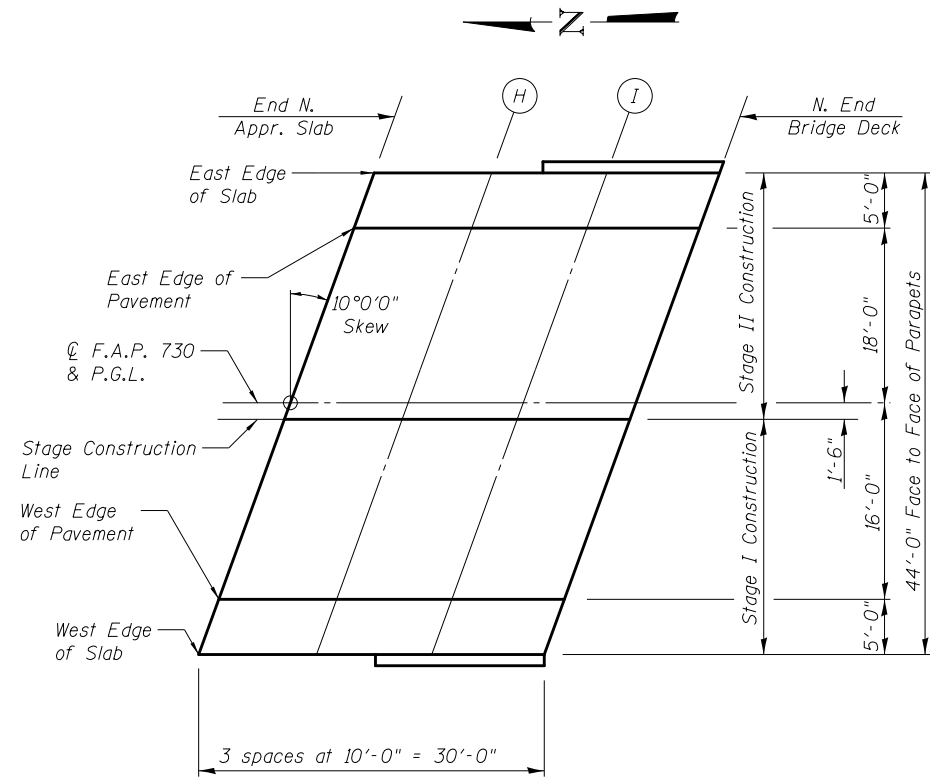
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Grinding
End N. Appr. Slab	196+91.93	1.50	761.67	761.69
H	197+01.93	1.50	761.81	761.84
I	197+11.93	1.50	761.94	761.96
N. End Bridge Deck	197+21.93	1.50	762.05	762.07

WEST EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Grinding
End N. Appr. Slab	196+89.37	16.00	761.41	761.43
H	196+99.37	16.00	761.56	761.58
I	197+09.37	16.00	761.69	761.71
N. End Bridge Deck	197+19.37	16.00	761.81	761.83

WEST EDGE OF SLAB

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Grinding
End N. Appr. Slab	196+88.49	21.00	761.55	761.57
H	196+98.49	21.00	761.70	761.72
I	197+08.49	21.00	761.83	761.85
N. End Bridge Deck	197+18.49	21.00	761.95	761.97



PLAN

EAST EDGE OF SLAB

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Grinding
S. End Bridge Deck	198+24.73	-23.00	761.97	761.99
J	198+34.73	-23.00	761.86	761.88
K	198+44.31	-23.00	761.74	761.76
L	198+44.73	-23.00	761.73	761.76
End S. Appr. Slab	198+54.73	-23.00	761.59	761.61

EAST EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Grinding
S. End Bridge Deck	198+23.84	-18.00	761.82	761.84
J	198+33.84	-18.00	761.72	761.74
K	198+43.43	-18.00	761.60	761.62
L	198+43.84	-18.00	761.60	761.62
End S. Appr. Slab	198+53.84	-18.00	761.45	761.47

☉ F.A.P. 730 & P.G.L.

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Grinding
S. End Bridge Deck	198+20.67	0.00	762.12	762.14
J	198+30.67	0.00	762.02	762.05
K	198+40.26	0.00	761.91	761.93
L	198+40.67	0.00	761.91	761.93
End S. Appr. Slab	198+50.67	0.00	761.77	761.79

STAGE CONSTRUCTION LINE

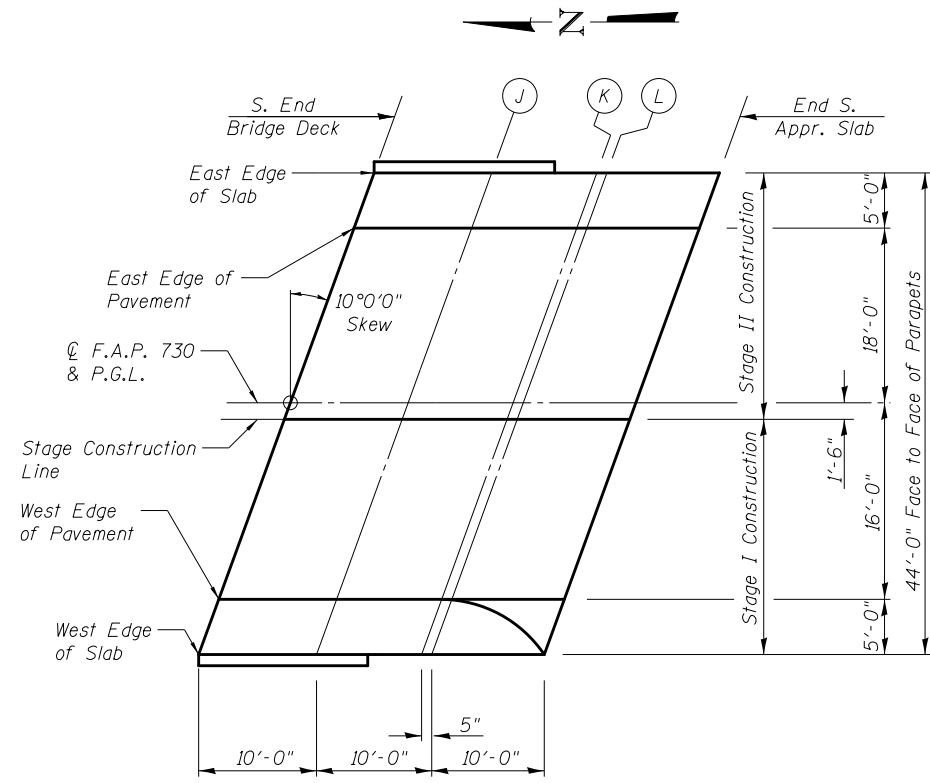
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Grinding
S. End Bridge Deck	198+20.41	1.50	762.10	762.12
J	198+30.41	1.50	762.00	762.03
K	198+39.99	1.50	761.89	761.91
L	198+40.41	1.50	761.89	761.91
End S. Appr. Slab	198+50.41	1.50	761.75	761.77

WEST EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Grinding
S. End Bridge Deck	198+17.85	16.00	761.91	761.93
J	198+27.85	16.00	761.81	761.83
K	198+37.43	16.00	761.71	761.73
L	198+37.85	16.00	761.70	761.72
End S. Appr. Slab	198+47.85	16.00	761.57	761.59

WEST EDGE OF SLAB

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Grinding
S. End Bridge Deck	198+16.97	21.00	762.06	762.09
J	198+26.97	21.00	761.97	761.99
K	198+36.55	21.00	761.87	761.89
L	198+36.97	21.00	761.86	761.88
End S. Appr. Slab	198+46.97	21.00	761.73	761.76



PLAN



USER NAME = ceerlockjd	DESIGNED - VPT	REVISED
	CHECKED - THW	REVISED
PLOT SCALE = 0:2.0000 ' / in.	DRAWN - THW	REVISED
PLOT DATE = 8/12/2014	CHECKED - VPT	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

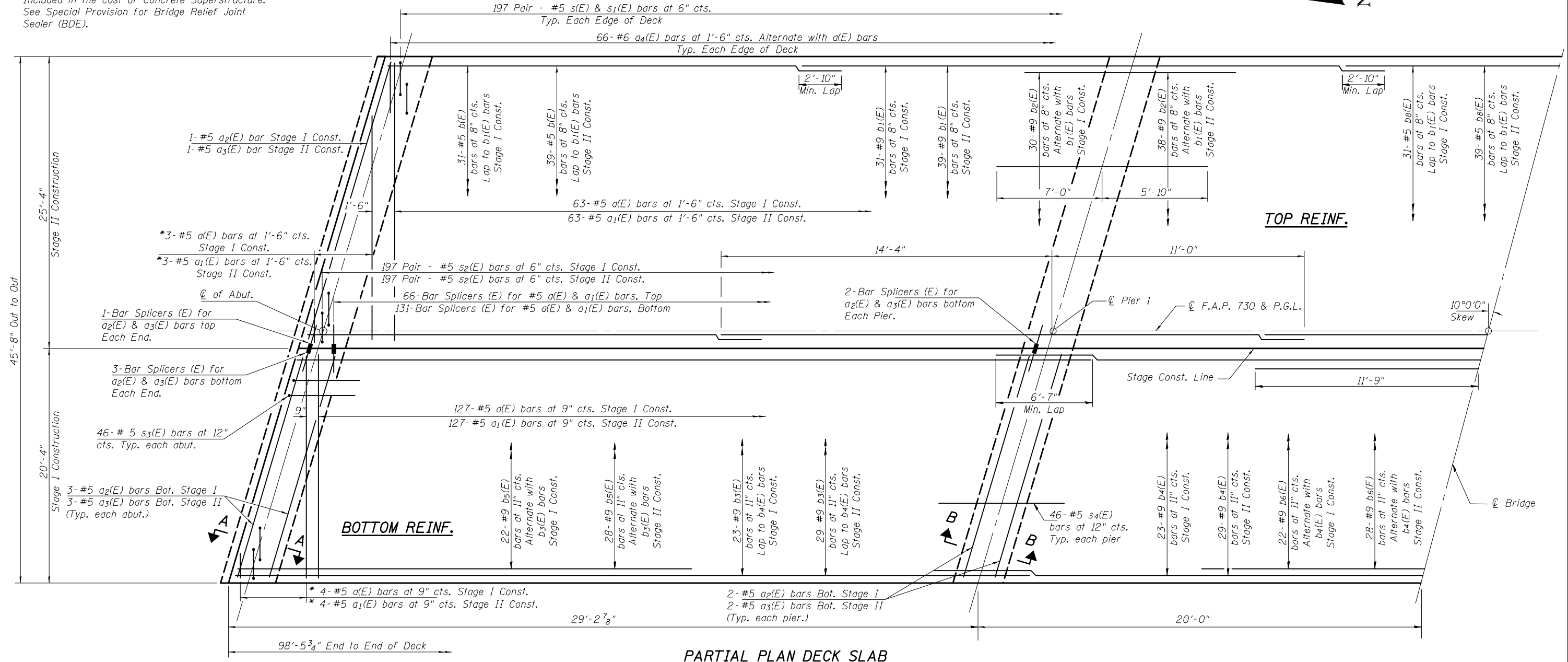
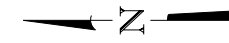
**TOP OF SOUTH APPROACH SLAB ELEVATIONS
STRUCTURE NO. 057-0256**

SHEET NO. 8 OF 23 SHEETS

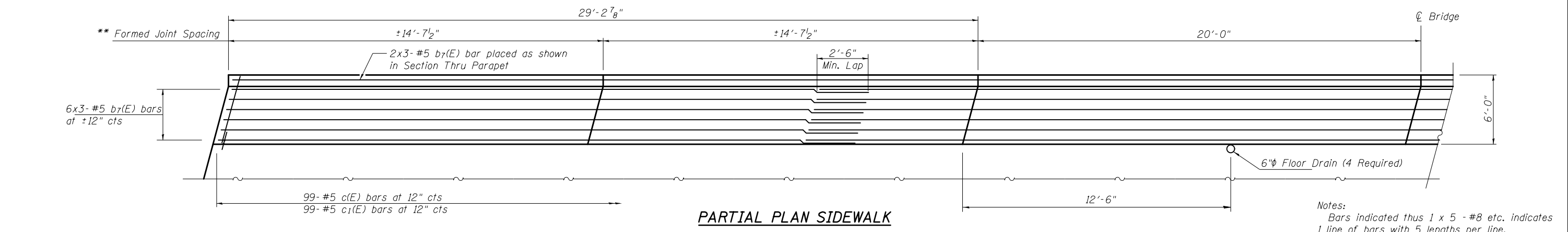
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	62-ZBR	MCLEAN	65	35
CONTRACT NO. 70540				

ILLINOIS FED. AID PROJECT

* Order a(E) & a₁(E) bars full length. Cut to fit skew and use remainder of bars in opposite end.
 ** Included in the cost of Concrete Superstructure. See Special Provision for Bridge Relief Joint Sealer (BDE).



PARTIAL PLAN DECK SLAB



PARTIAL PLAN SIDEWALK

Notes:
 Bars indicated thus 1 x 5 - #8 etc. indicates 1 line of bars with 5 lengths per line.
 Bars are symmetric about \bar{C} Bridge.



USER NAME = ceerlockjd	DESIGNED - VPT	REVISED
PLOT SCALE = 0.1667' / in.	CHECKED - JAF	REVISED
PLOT DATE = 8/12/2014	DRAWN - JAF	REVISED
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

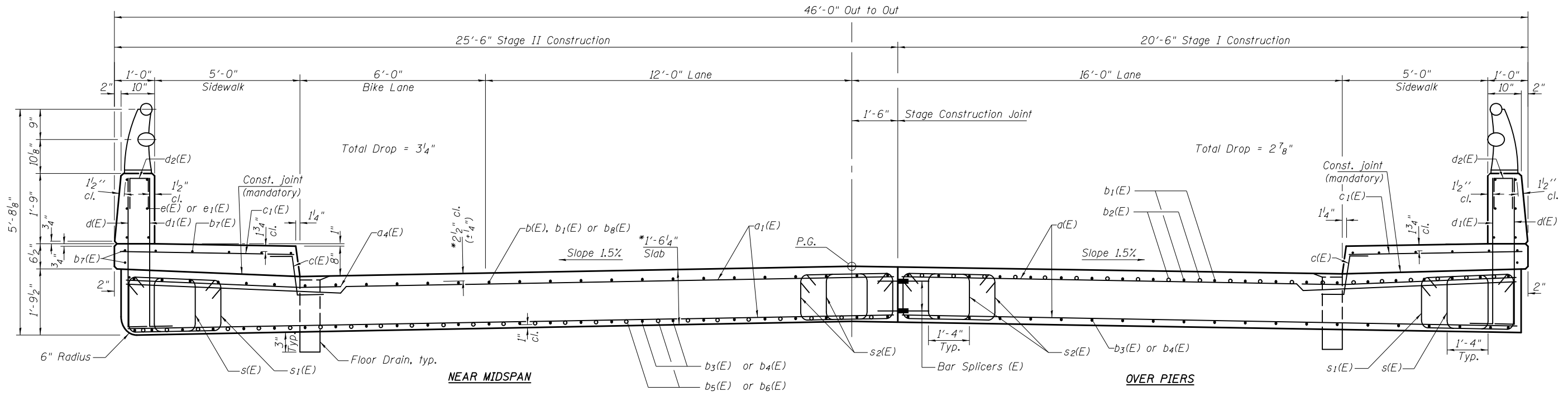
**SUPERSTRUCTURE
 STRUCTURE NO. 057-0256**

SHEET NO. 9 OF 23 SHEETS

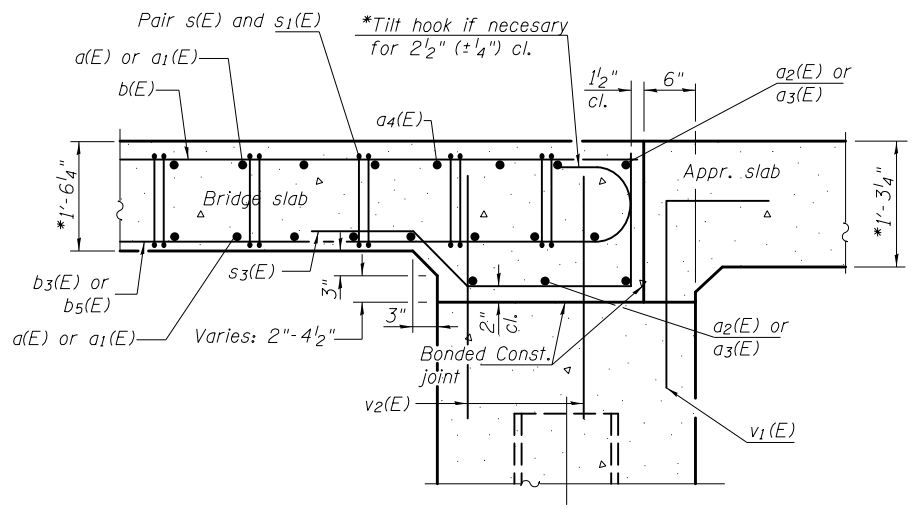
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	62-ZBR	MCLEAN	65	36
CONTRACT NO. 70540				
ILLINOIS FED. AID PROJECT				

* Prior to Diamond Grinding of Bridge Section.

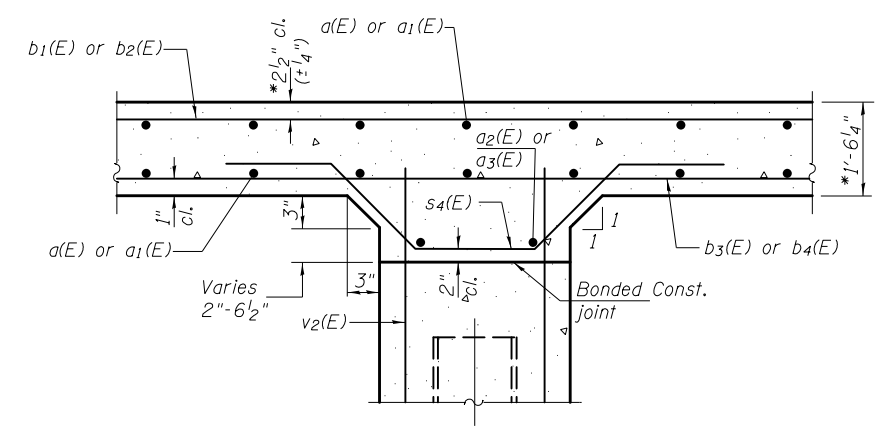
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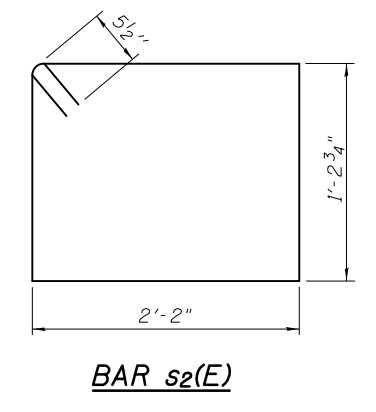
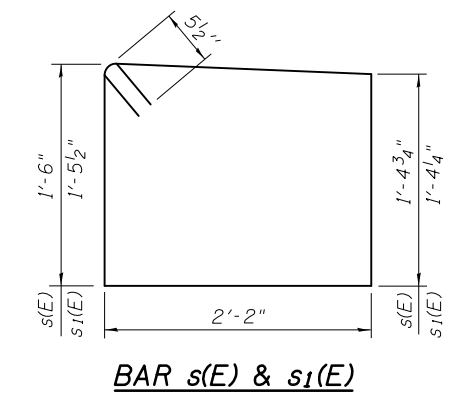
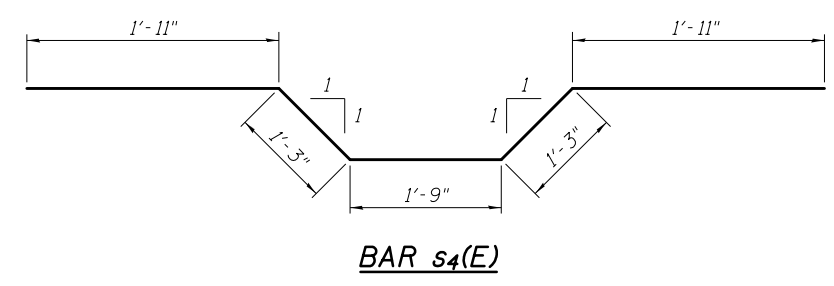
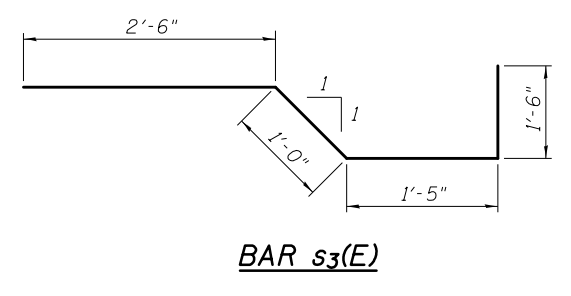
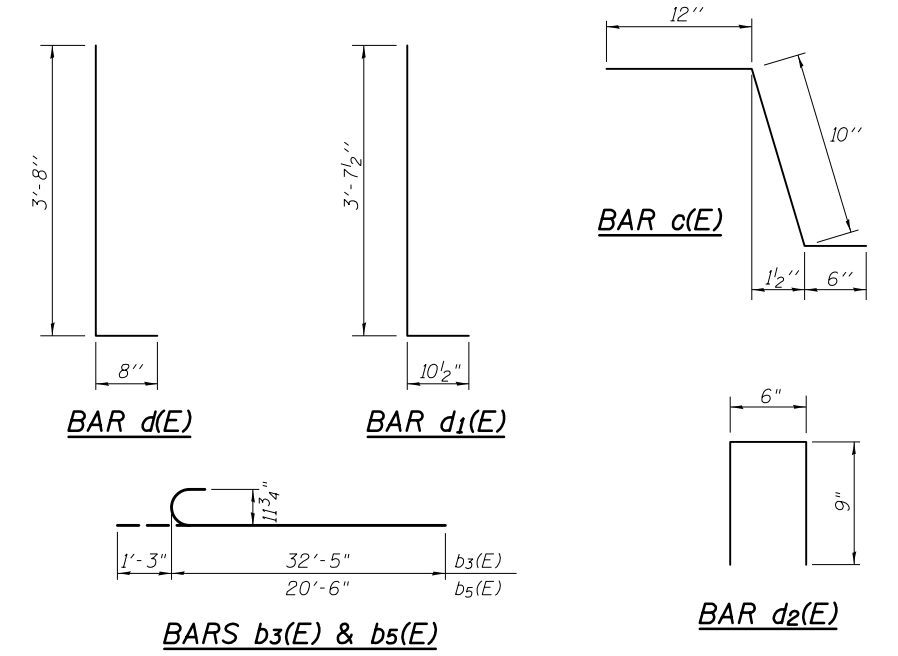
CROSS SECTION
(Looking South)



SECTION A-A
Dimensions at Rt. L's to Abutment



SECTION B-B
Dimensions at Rt. L's to Pier



(Sheet 1 of 2)



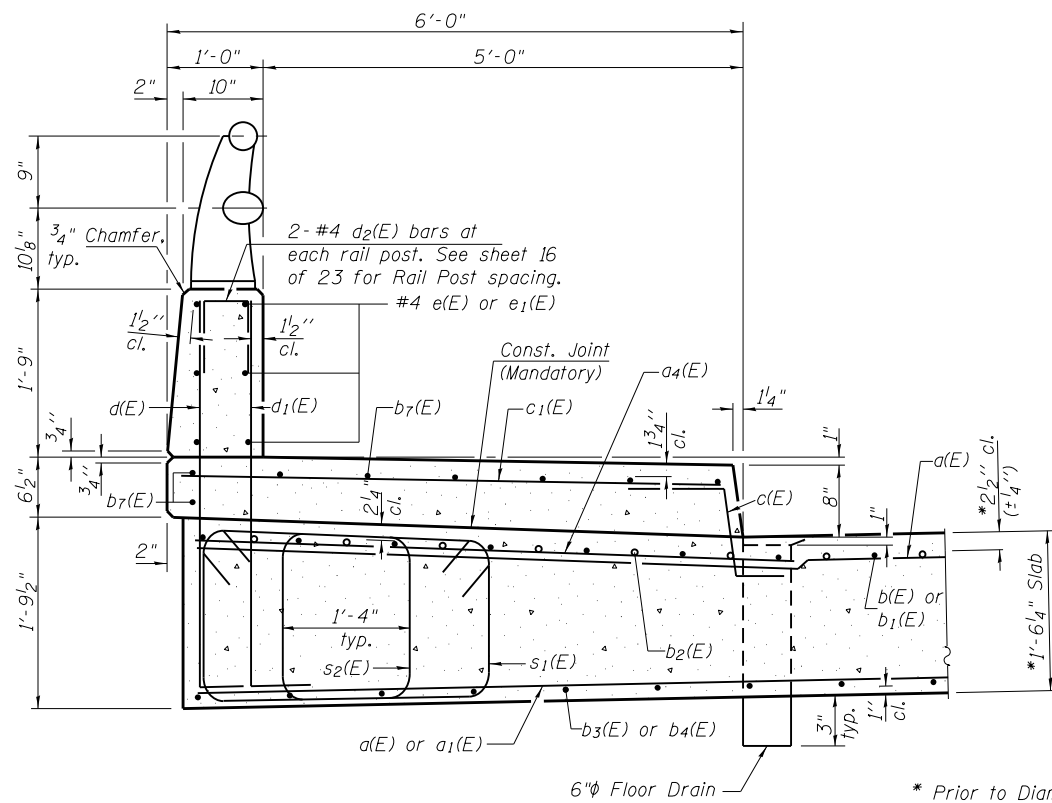
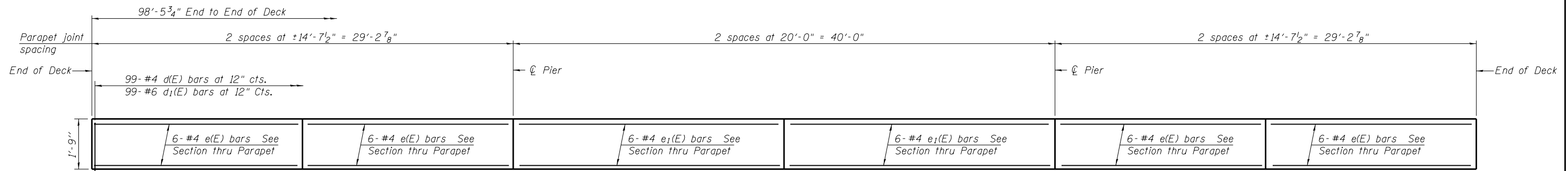
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PLOT DATE = 8/12/2014	DRAWN - JAF	REVISED
	CHECKED - VPT	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE DETAILS
STRUCTURE NO. 057-0256

SHEET NO. 10 OF 23 SHEETS

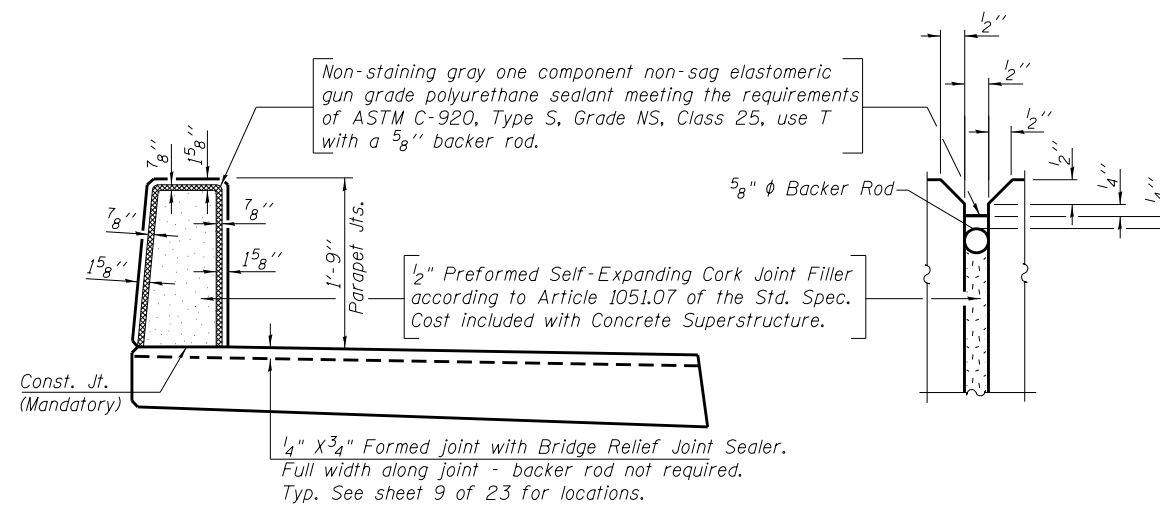
F.A.P. RTE. 730	SECTION 62-ZBR	COUNTY MCLEAN	TOTAL SHEETS 65	SHEET NO. 37
CONTRACT NO. 70540				
ILLINOIS FED. AID PROJECT				



SECTION THRU PARAPET

INSIDE ELEVATION OF PARAPET

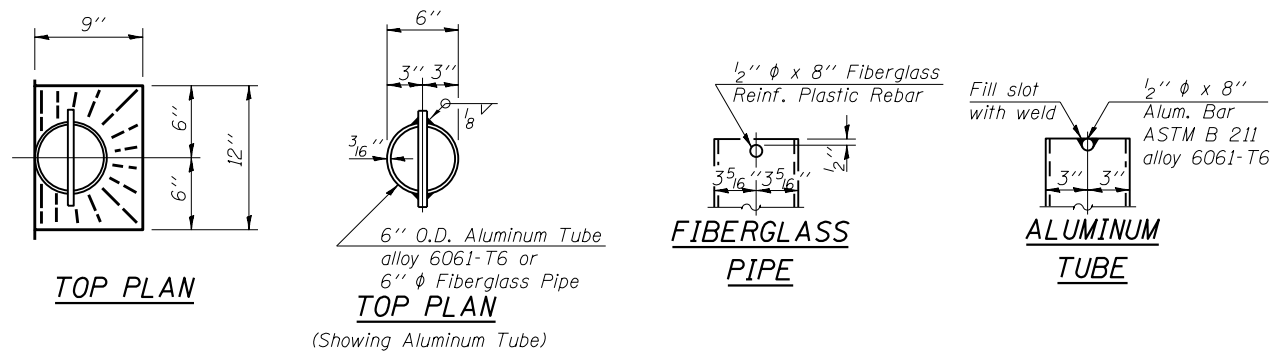
Note: See sheet 16 of 23 for Rail Post spacing.



PARAPET JOINT DETAILS

SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
d(E)	197	#5	20'-0"	—
a ₁ (E)	197	#5	25'-0"	—
a ₂ (E)	12	#5	20'-3"	—
a ₃ (E)	12	#5	25'-4"	—
a ₄ (E)	132	#6	6'-6"	—
b(E)	140	#5	17'-7"	—
b ₁ (E)	140	#9	25'-4"	—
b ₂ (E)	136	#9	12'-10"	—
b ₃ (E)	104	#9	33'-8"	—
b ₄ (E)	52	#9	46'-7"	—
b ₅ (E)	100	#9	21'-1"	—
b ₆ (E)	50	#9	23'-6"	—
b ₇ (E)	48	#5	34'-5"	—
b ₈ (E)	70	#5	23'-8"	—
c(E)	198	#5	2'-4"	—
c ₁ (E)	198	#5	5'-6"	—
d ₁ (E)	198	#4	4'-4"	L
d ₁ (E)	198	#6	4'-6"	L
d ₂ (E)	48	#4	2'-0"	n
e(E)	48	#4	14'-3"	—
e ₁ (E)	24	#4	19'-8"	—
s(E)	394	#5	8'-2"	□
s ₁ (E)	394	#5	8'-1"	□
s ₂ (E)	788	#5	7'-9"	□
s ₃ (E)	92	#5	6'-5"	—
s ₄ (E)	92	#5	8'-1"	—
Reinforcement Bars, Epoxy Coated		Pound	85,220	
Concrete Superstructure		Cu. Yds.	297.7	



FLOOR DRAIN DETAILS

Notes:
 Drains shall be located longitudinally as indicated on the Partial Plan Sidewalk, Sheet 9 of 23.
 Drains may be placed ±6" longitudinally of the locations shown to avoid transverse slab reinforcement.
 Longitudinal slab reinforcement at the drain locations may be shifted ±½ the specified bar spacing in order to place the floor drains.
 Bars shall not be omitted or cut at drain locations.
 Floor Drains need not be painted.
 Fiberglass pipe shall conform to ASTM D 2996, with short-time rupture strength hoop tensile stress of 30,000 p.s.i. minimum.

(Sheet 2 of 2)



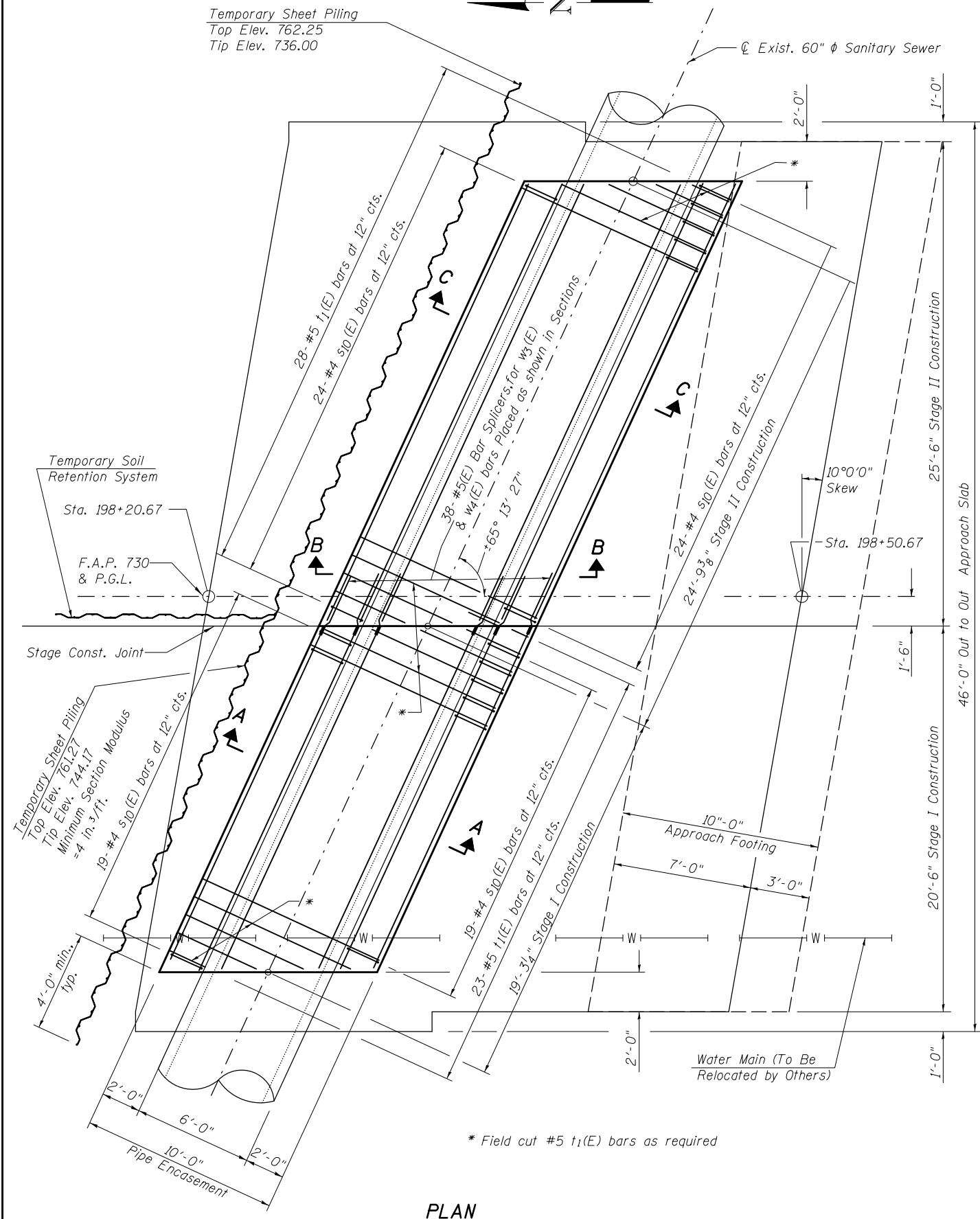
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

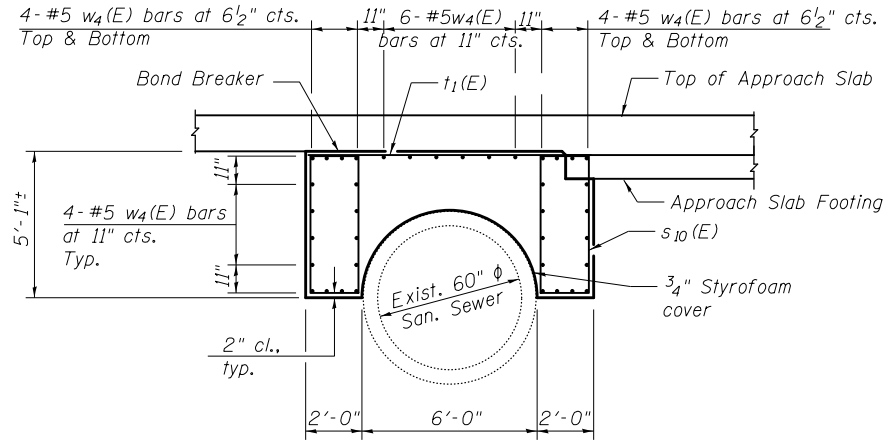
**SUPERSTRUCTURE DETAILS
STRUCTURE NO. 057-0256**

SHEET NO. 11 OF 23 SHEETS

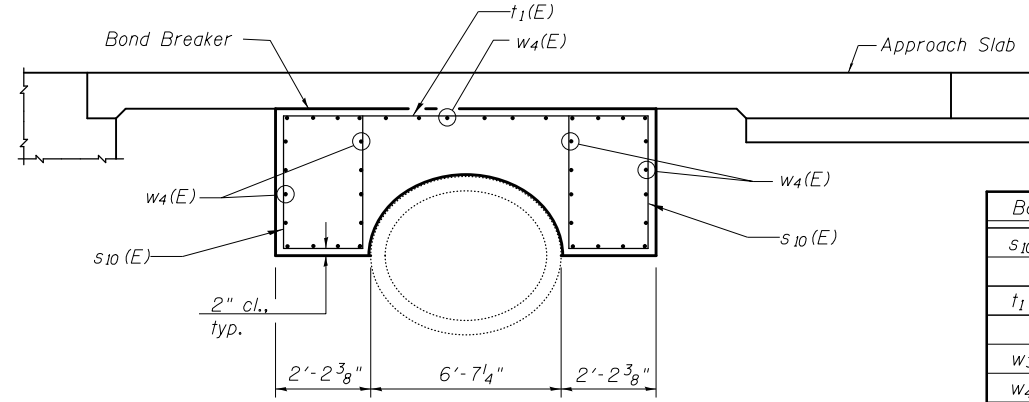
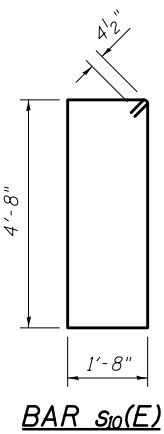
F.A.P. RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	62-ZBR	MCLEAN	65	38
CONTRACT NO. 70540				
ILLINOIS FED. AID PROJECT				



PLAN

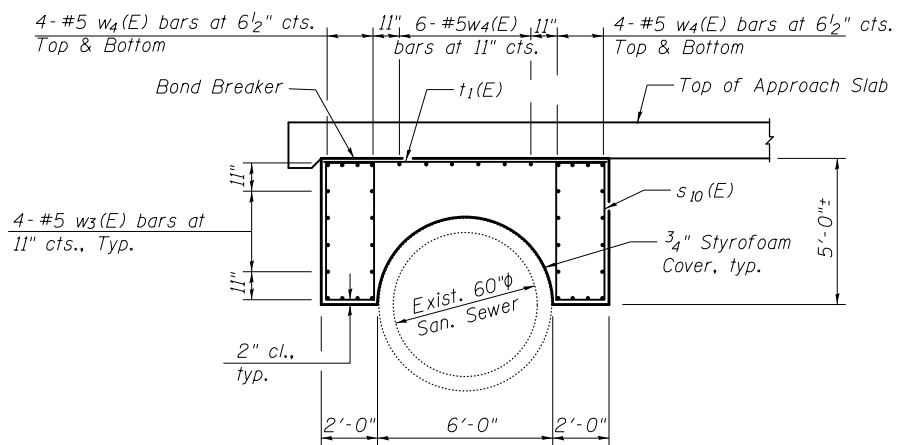


SECTION C-C



SECTION B-B

Shown parallel to stage construction Line



SECTION A-A

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
$s_{10}(E)$	86	#4	13'-5"	
$t_1(E)$	51	#5	9'-8"	—
$w_3(E)$	38	#5	19'-0"	—
$w_4(E)$	38	#5	24'-6"	—
Structure Excavation			Cu. Yd.	82.8
Concrete Structures (Special)			Cu. Yd.	59.9
Reinforcement Bars, Epoxy Coated			Pound	3,010
Temporary Sheet Piling			Sq. Ft.	890
Sanitary Sewer Television Inspection, Video Taping and Recording			Foot	430

NOTES

- Volume of pipe encasement below Bridge Approach Slab shall be paid for as Concrete Structures (Special).
- Contractor to field verify 60" Sanitary Sewer pipe location before starting construction. Notify engineer of any discrepancies.
- No heavy equipment shall be allowed on top of the 60" Sanitary Sewer during construction.
- The top of the 60" Sanitary Sewer encasement shall be poured such that it will not encroach upon the minimum 1'-3" thickness (after grinding) of the approach slab.
- Temporary Sheet Piling shall be driven as near to the 60" Sanitary Sewer encasement as feasible in order to minimize potential for undermining of the 60" Sanitary Sewer by flood waters and to minimize interference with the proposed abutment.



USER NAME = ceerlockjd	DESIGNED - VPT	REVISED
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PLOT DATE = 8/12/2014	DRAWN - THW	REVISED
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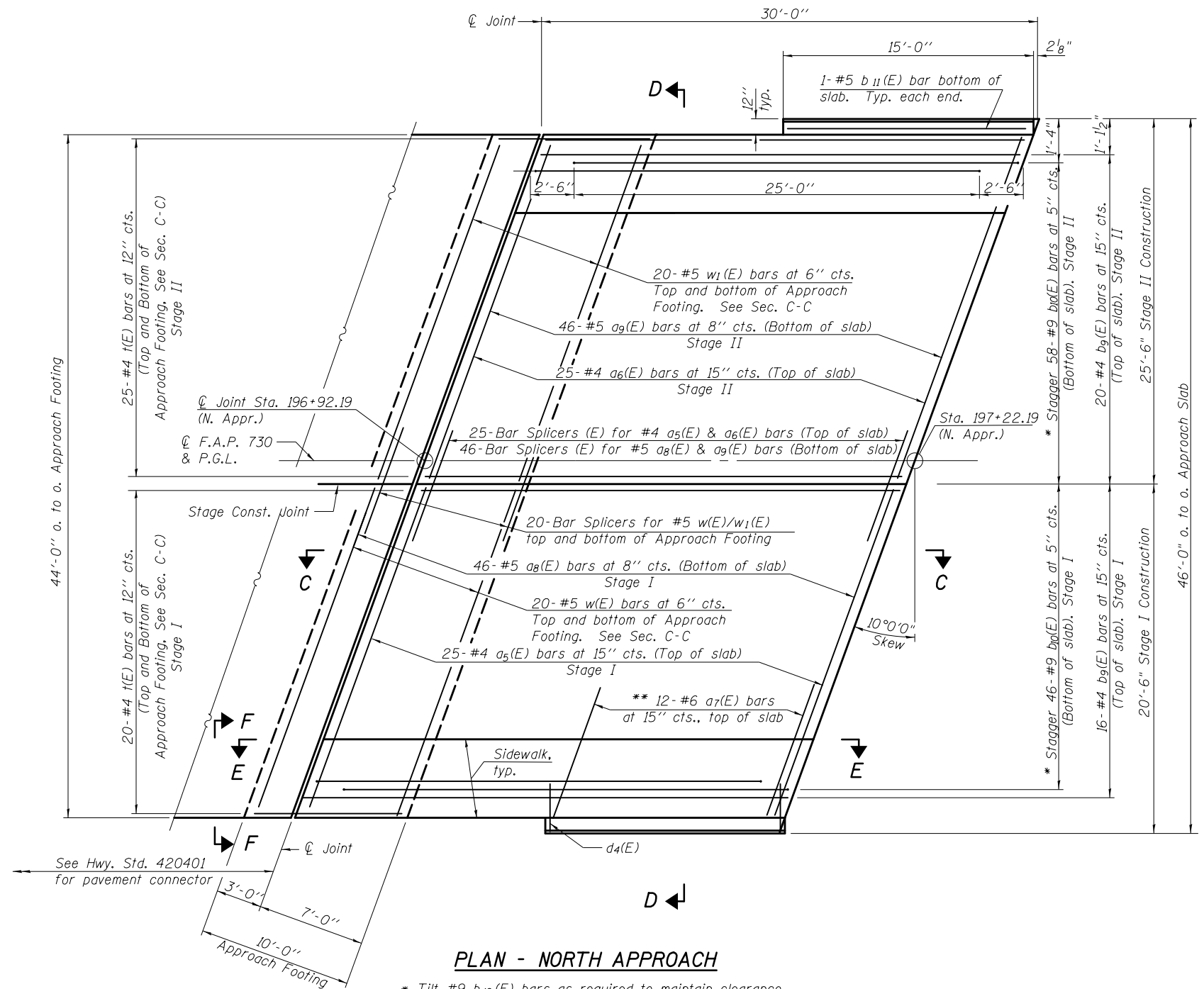
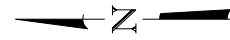
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SANITARY SEWER ENCASEMENT - SOUTH APPROACH SLAB
STRUCTURE NO. 057-0256

SHEET NO. 12 OF 23 SHEETS

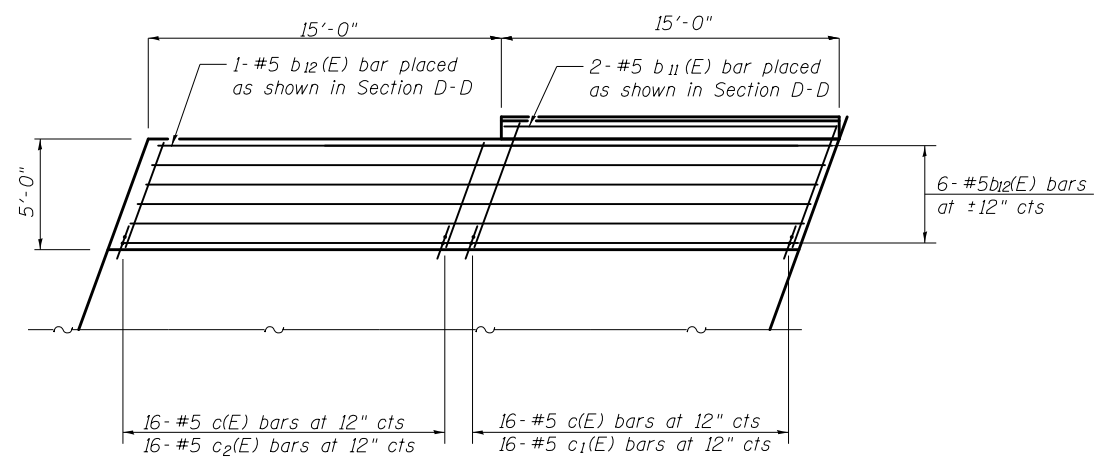
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CONTRACT NO. 70540				
ILLINOIS FED. AID PROJECT				

Notes:
See sheet 15 of 23 for Sections C-C & D-D and View E-E.
a₅(E) and a₆(E) bar spacings measured along \hat{C} Rdwy.

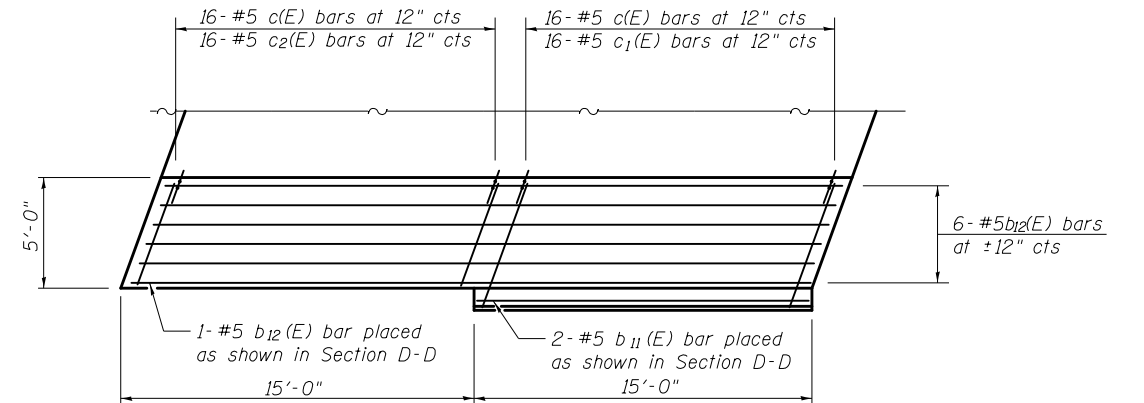


PLAN - NORTH APPROACH

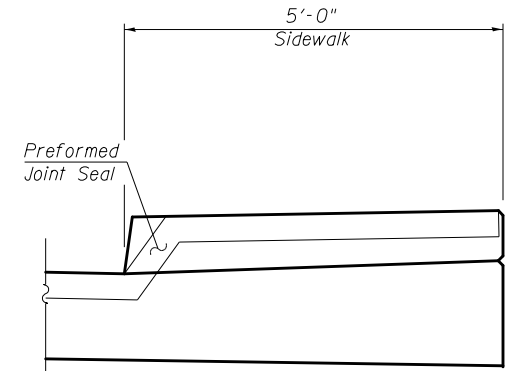
* Tilt #9 b₁₀(E) bars as required to maintain clearance.
** Space between a₅(E) or a₆(E) bars, typ. each parapet.



PLAN - NORTH EAST SIDEWALK



PLAN - NORTH WEST SIDEWALK



VIEW F-F

Angle Preformed Joint Seal at 45° at curbs when req'd for drainage.

(Sheet 1 of 3)



USER NAME = ceerlockjd	DESIGNED - VPT	REVISED
PLOT SCALE = 0.1667 ft / in.	CHECKED - THW	REVISED
PLOT DATE = 8/12/2014 *TIME*	DRAWN - THW	REVISED
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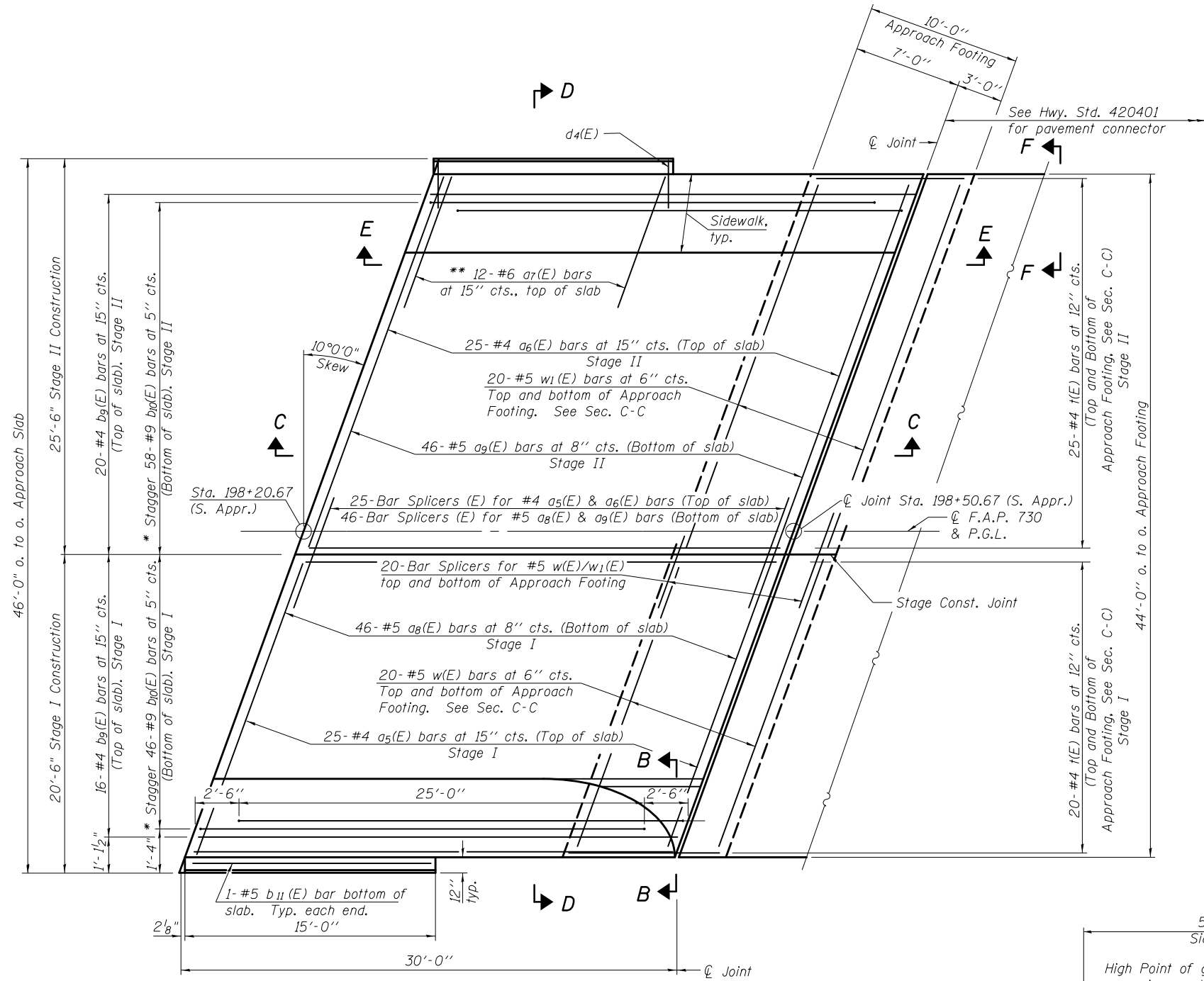
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BRIDGE APPROACH SLAB DETAILS
STRUCTURE NO. 057-0256**

SHEET NO. 13 OF 23 SHEETS

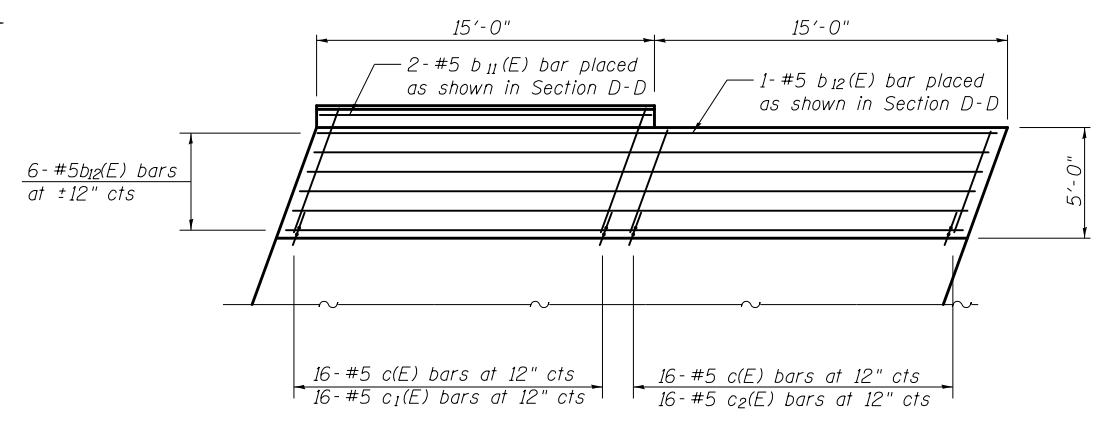
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CONTRACT NO. 70540				
ILLINOIS FED. AID PROJECT				

Notes:
See sheet 15 of 23 for Sections C-C & D-D and View E-E.
a₅(E) and a₆(E) bar spacings measured along \hat{C} Rdwy.

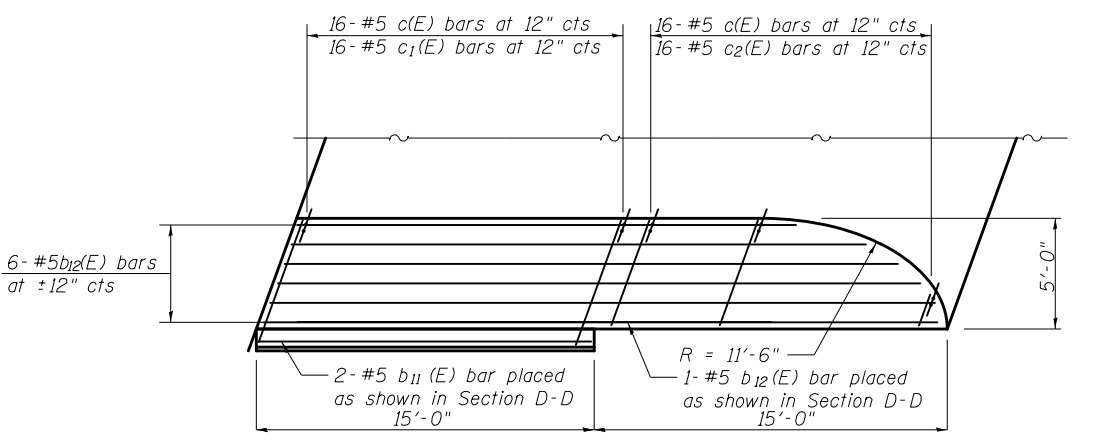


PLAN - SOUTH APPROACH

* Tilt #9 b₁₀(E) bars as required to maintain clearance.
** Space between a₅(E) or a₆(E) bars, typ. each parapet.

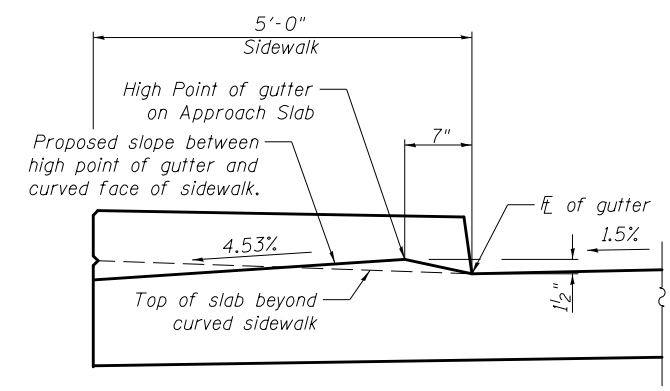


PLAN - SOUTH EAST SIDEWALK

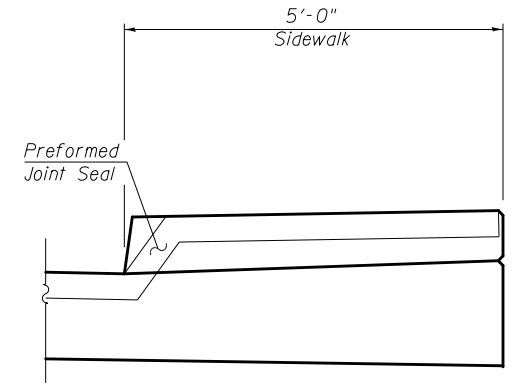


PLAN - SOUTH WEST SIDEWALK

#5 b₁₂(E) & #5 c₂(E) bars to be cut in field as required



VIEW B-B



VIEW F-F

Angle Preformed Joint Seal at 45° at curbs when req'd for drainage.

(Sheet 2 of 3)



USER NAME = ceerlockjd	DESIGNED - VPT	REVISED
	CHECKED - THW	REVISED
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PLOT DATE = 8/12/2014	CHECKED - VPT	REVISED

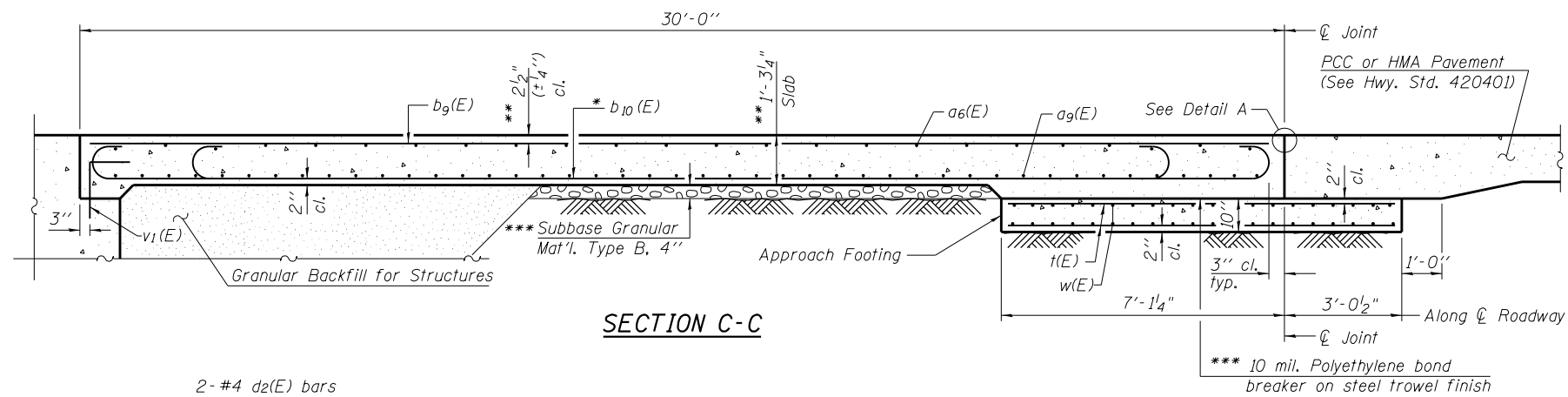
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BRIDGE APPROACH SLAB DETAILS
STRUCTURE NO. 057-0256**

SHEET NO. 14 OF 23 SHEETS

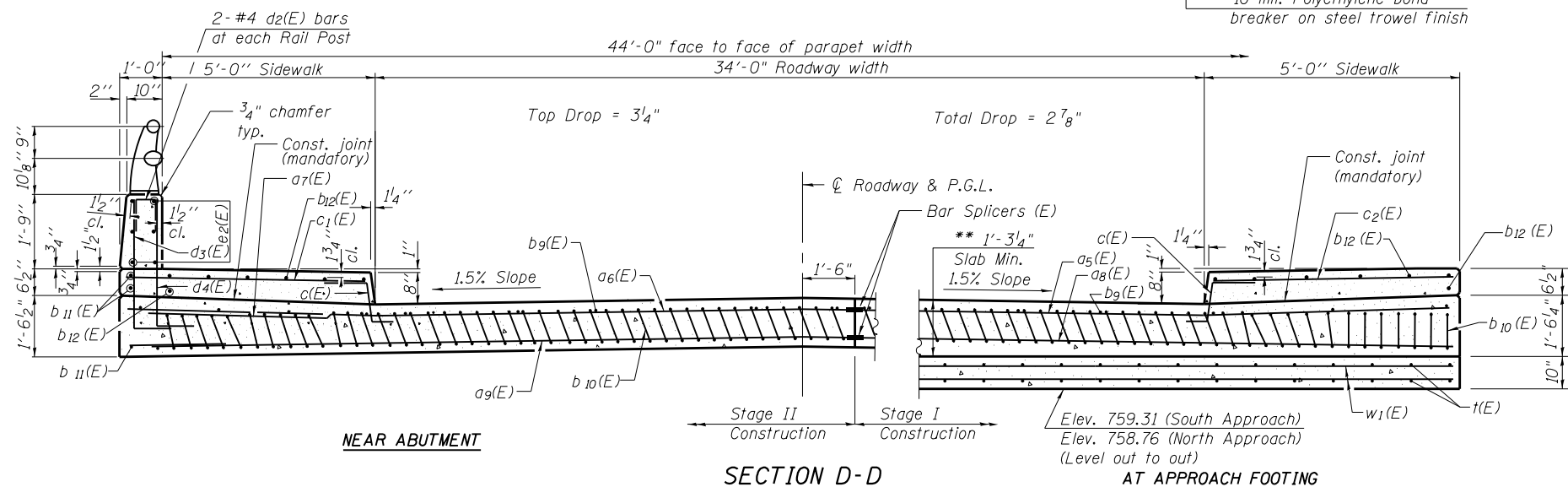
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CONTRACT NO. 70540				

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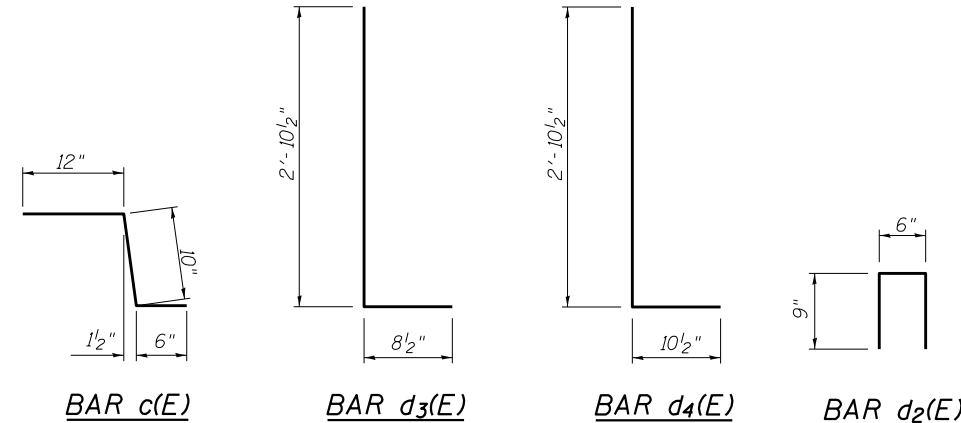
SECTION C-C

Notes:
 Approach slab and parapet concrete shall be paid for as Concrete Superstructure.
 Approach footing concrete shall be paid for as Concrete Structures.
 Reinforcement shall be paid for as Reinforcement Bars, Epoxy Coated.
 The approach footing maximum applied service bearing pressure (Qmax) = 2.0 ksf.
 For bar splicer details, see sheet 21 of 23.
 Cost of excavation for approach footing included with Concrete Structures.
 For Granular Backfill for Structures and drainage treatment details, see sheet 2 of 23.



SECTION D-D

(See Plan for dimensions not shown)



BAR c(E)

BAR d3(E)

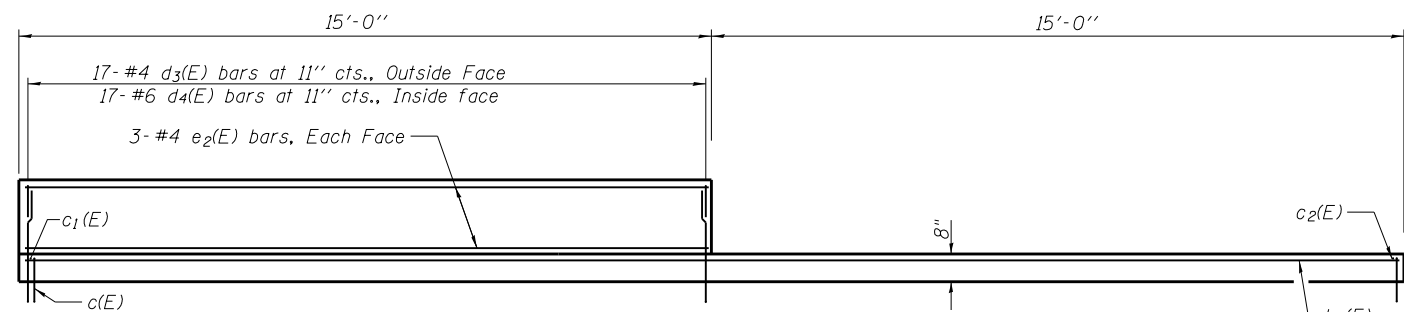
BAR d4(E)

BAR d2(E)

* Tilt #9 b1(E) bars as required to maintain clearance.
 ** Prior to Diamond Grinding of Bridge Section.
 *** Cost included with Concrete Superstructure.

TWO APPROACHES
 BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a5(E)	50	#4	19'-5"	—
a6(E)	50	#4	24'-6"	—
a7(E)	48	#6	6'-6"	—
a8(E)	92	#5	19'-5"	—
a9(E)	92	#5	24'-6"	—
b9(E)	72	#4	29'-8"	—
b10(E)	208	#9	29'-9"	—
b11(E)	12	#5	14'-8"	—
b12(E)	28	#5	29'-8"	—
c(E)	128	#5	2'-4"	—
c1(E)	64	#5	5'-6"	—
c2(E)	64	#5	4'-6"	—
d2(E)	8	#4	2'-0"	—
d3(E)	68	#4	3'-7"	—
d4(E)	68	#6	3'-9"	—
e2(E)	24	#4	14'-8"	—
t(E)	90	#4	9'-8"	—
w(E)	80	#5	19'-5"	—
w1(E)	80	#5	24'-6"	—
Concrete Superstructure			Cu. Yd.	148.9
Concrete Structures			Cu. Yd.	27.9
Reinforcement Bars, Epoxy Coated			Pound	35,680

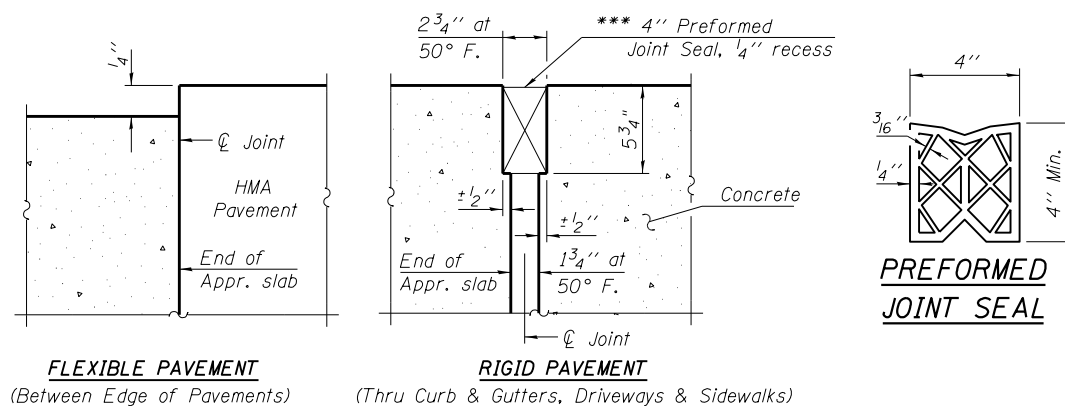


VIEW E-E

BAR b10(E)

Note:

A flexible connector is proposed with Curb & Gutter, so the "J" Joint at end of slab "Detail A" will be a combination of each detail in "Detail A".



FLEXIBLE PAVEMENT

RIGID PAVEMENT

(Between Edge of Pavements)

(Thru Curb & Gutters, Driveways & Sidewalks)

DETAIL A

(Sheet 3 of 3)



USER NAME = FE1	DESIGNED - VPT	REVISED —
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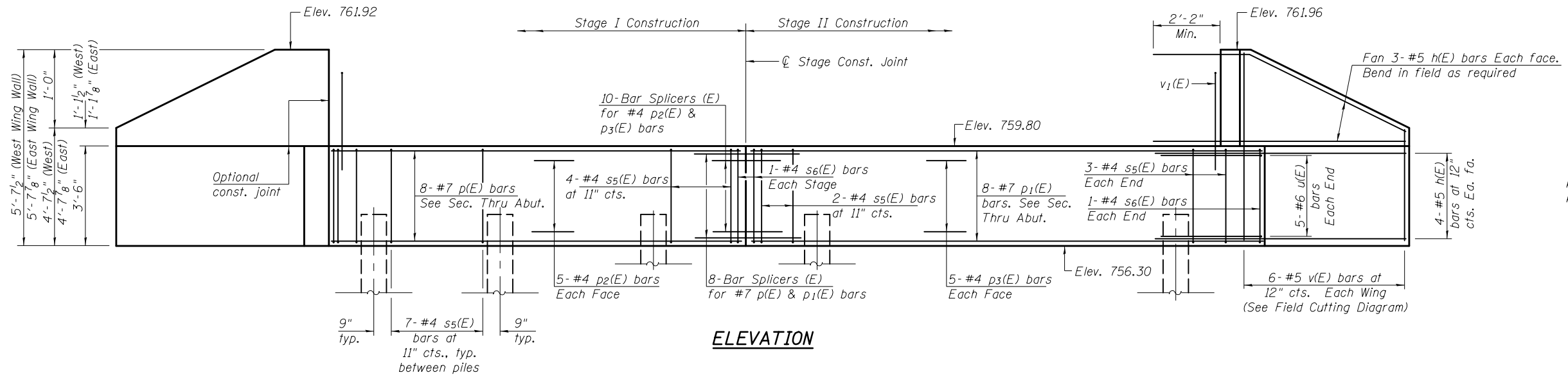
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

BRIDGE APPROACH SLAB DETAILS
 STRUCTURE NO. 057-0256

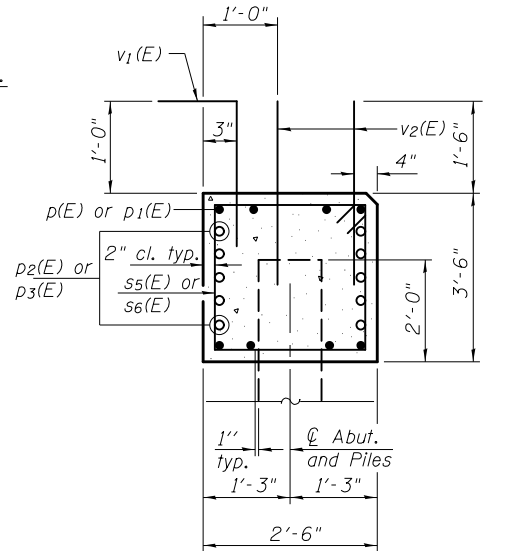
SHEET NO. 15 OF 23 SHEETS

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CONTRACT NO. 70540				

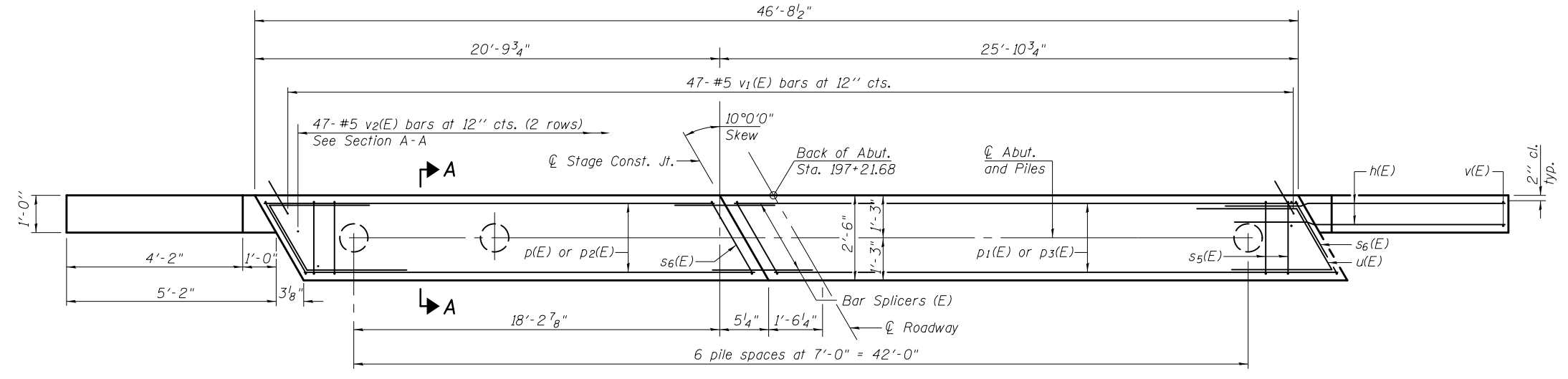
ILLINOIS FED. AID PROJECT



ELEVATION

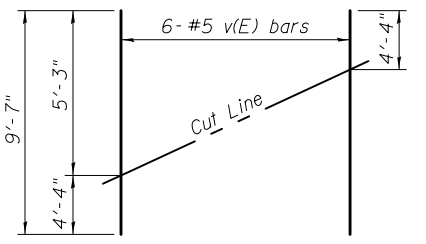


SECTION A-A
(Dimensions are at Rt. L's)

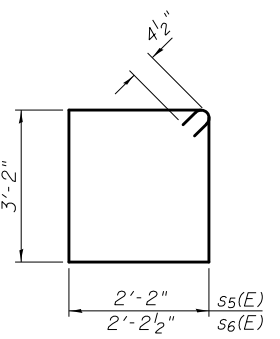


PLAN

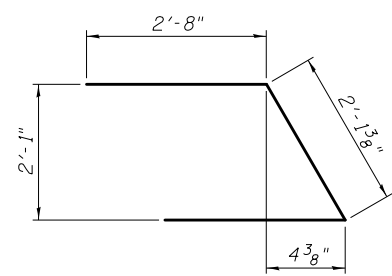
PILE DATA
 Type: Metal Shell - 14 in. Dia. x 0.25 in. Walls with Pile Shoes
 Nominal Required Bearing: 283 kips
 Factored Resistance Available: 155 kips
 Est. Length: 36 ft.
 No. Production Piles: 6
 No. Test Piles: 1



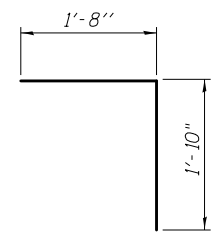
FIELD CUTTING DIAGRAM
 Order v(E) full length. Cut as shown and use remainder of bars in opposite face.



BARS s5(E) & s6(E)



BAR u(E)



BAR v1(E)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	28	#5	7'-4"	—
p(E)	8	#7	20'-6"	—
p1(E)	8	#7	25'-7"	—
p2(E)	10	#4	20'-6"	—
p3(E)	10	#4	25'-7"	—
s5(E)	47	#4	11'-5"	□
s6(E)	4	#4	11'-6"	□
u(E)	10	#6	7'-6"	┘
v(E)	12	#5	9'-7"	—
v1(E)	47	#5	3'-6"	┘
v2(E)	94	#5	3'-0"	—
Structure Excavation	Cu. Yd.		92	
Concrete Structures	Cu. Yd.		16.5	
Reinforcement Bars, Epoxy Coated	Pound		2,360	
Furnishing Metal Shell Piles, 14" x 0.25"	Foot		216	
Driving Piles	Foot		216	
Test Pile Metal Shell	Each		1	
Pile Shoes	Each		7	

For details of piles, see sheet 20 of 23.
 Piles shall be driven through 18 in. diameter precored holes extending to elevation 751.0 according to Article 512.09(c) of the Standard Specifications. Cost included in driving piles.



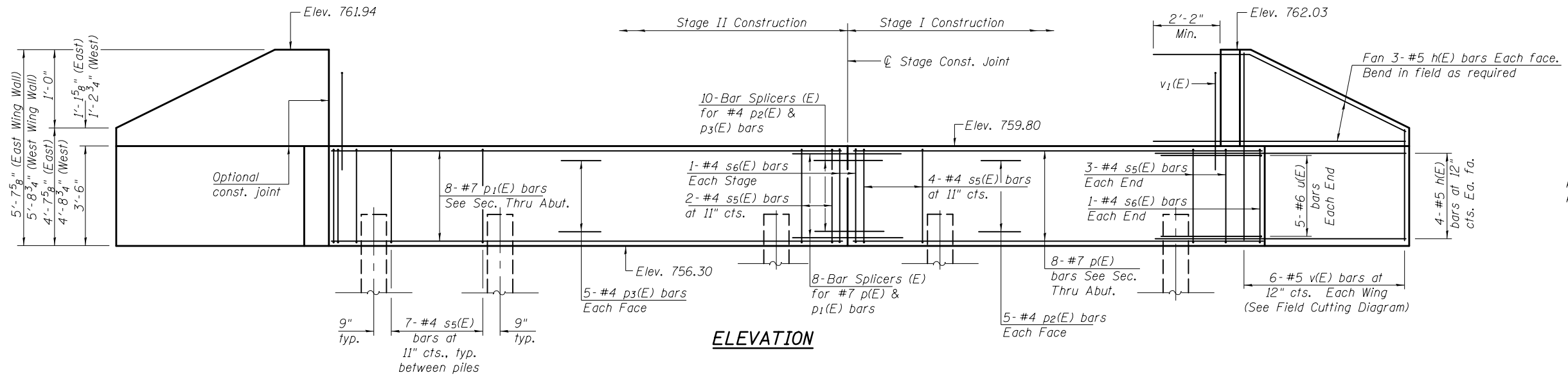
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PLOT DATE = 8/12/2014 *TIME*	CHECKED - VPT	REVISED

STATE OF ILLINOIS
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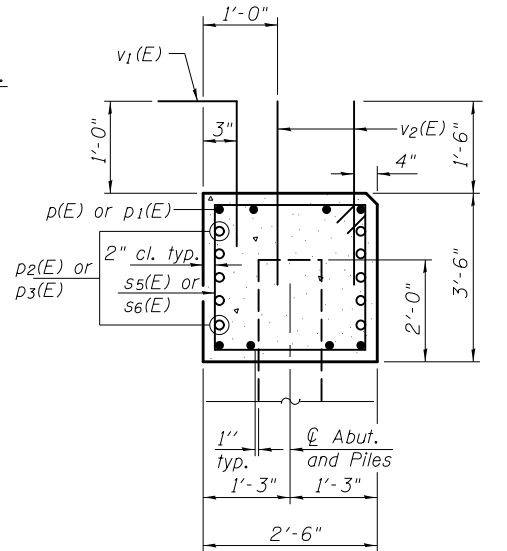
NORTH ABUTMENT
STRUCTURE NO. 057-0256

SHEET NO. 17 OF 23 SHEETS

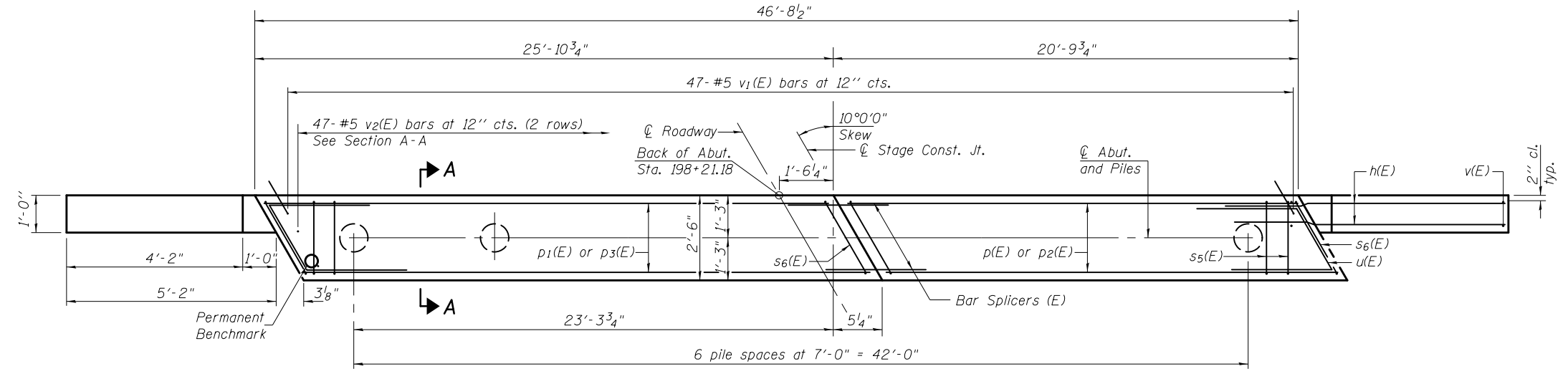
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	62-ZBR	MCLEAN	65	44
CONTRACT NO. 70540				
ILLINOIS FED. AID PROJECT				



ELEVATION

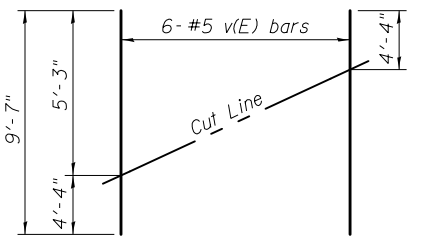


SECTION A-A
(Dimensions are at Rt. L's)

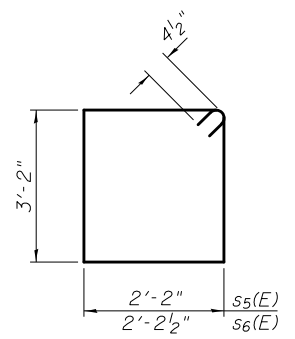


PLAN

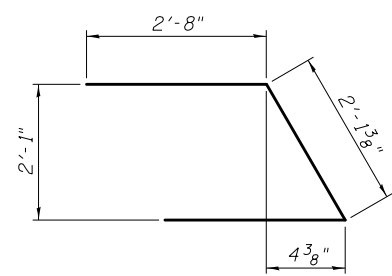
PILE DATA
 Type: Metal Shell - 14 in. Dia. x 0.25 in. Walls with Pile Shoes
 Nominal Required Bearing: 283 kips
 Factored Resistance Available: 155 kips
 Est. Length: 37 ft.
 No. Production Piles: 6
 No. Test Piles: 1



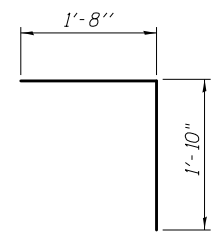
FIELD CUTTING DIAGRAM
 Order v(E) full length. Cut as shown and use remainder of bars in opposite face.



BARS s5(E) & s6(E)



BAR u(E)



BAR v1(E)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	28	#5	7'-4"	—
p(E)	8	#7	20'-6"	—
p1(E)	8	#7	25'-7"	—
p2(E)	10	#4	20'-6"	—
p3(E)	10	#4	25'-7"	—
s5(E)	47	#4	11'-5"	□
s6(E)	4	#4	11'-6"	□
u(E)	10	#6	7'-6"	⌒
v(E)	12	#5	9'-7"	—
v1(E)	47	#5	3'-6"	└
v2(E)	94	#5	3'-0"	—
Structure Excavation		Cu. Yd.	92	
Concrete Structures		Cu. Yd.	16.5	
Reinforcement Bars, Epoxy Coated		Pound	2,360	
Furnishing Metal Shell Piles, 14" x 0.25"		Foot	222	
Driving Piles		Foot	222	
Test Pile Metal Shell		Each	1	
Pile Shoes		Each	7	

For details of piles, see sheet 20 of 23.
 Piles shall be driven through 18 in. diameter precored holes extending to elevation 746.0 according to Article 512.09(c) of the Standard Specifications. Cost included in driving piles.



USER NAME = ceerlockjd	DESIGNED - VPT	REVISED
PLOT SCALE = 0.1667' / in.	CHECKED - JAF	REVISED
PLOT DATE = 8/12/2014	DRAWN - JAF	REVISED
	CHECKED - VPT	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOUTH ABUTMENT
STRUCTURE NO. 057-0256

SHEET NO. 18 OF 23 SHEETS

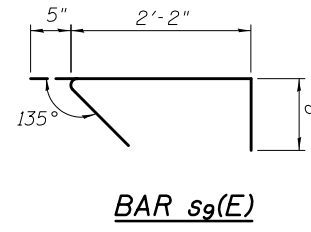
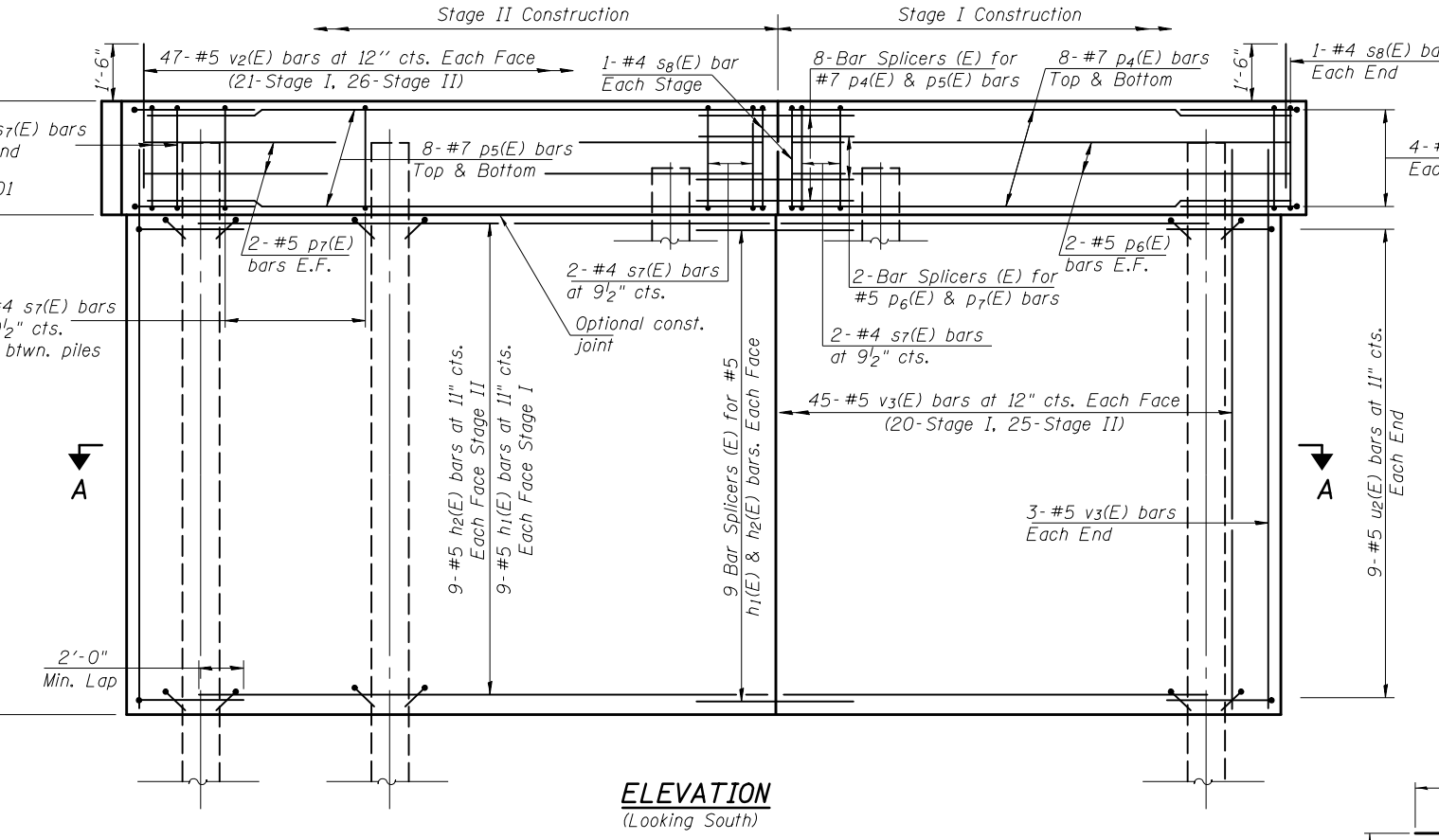
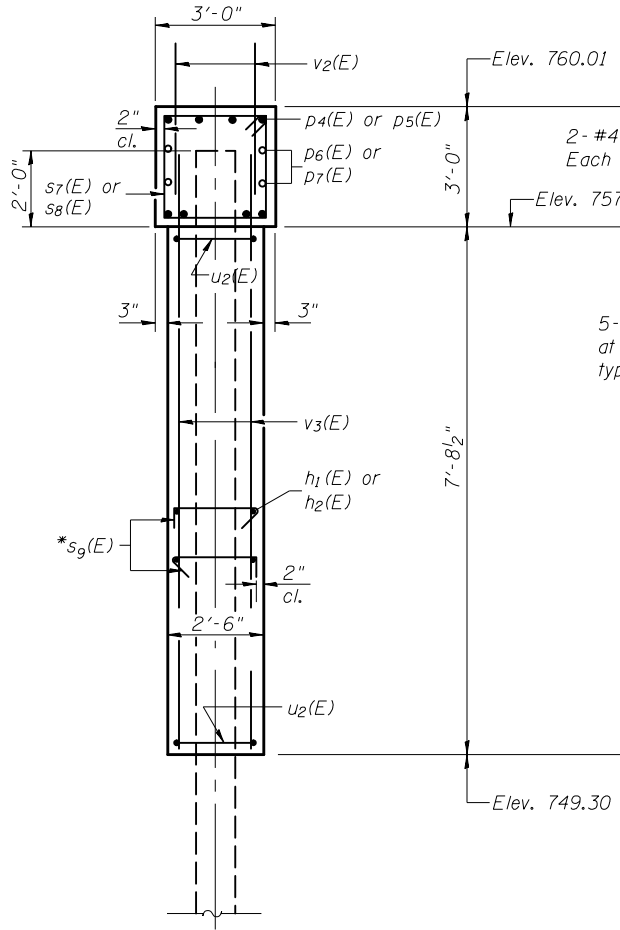
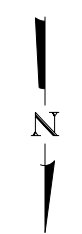
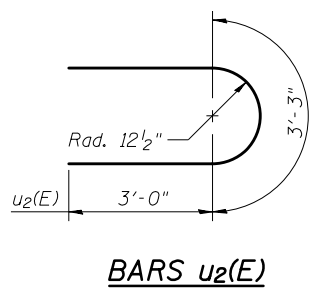
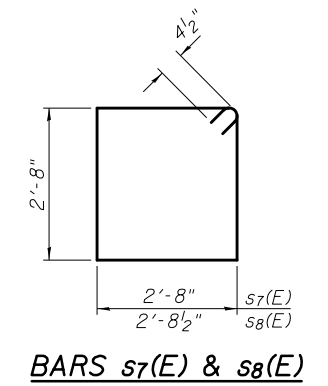
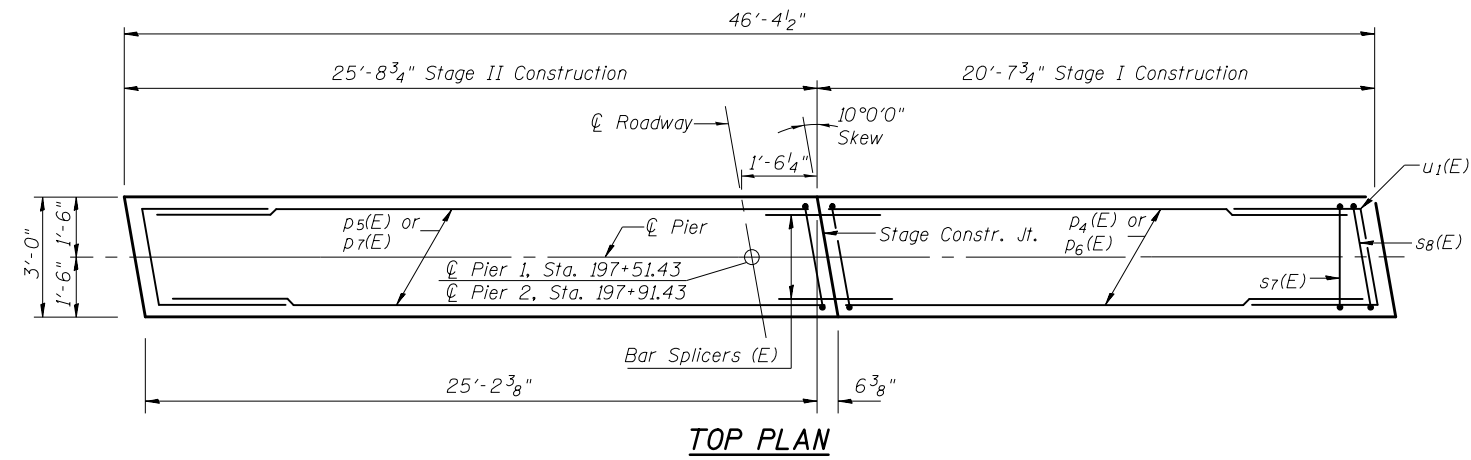
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	62-ZBR	MCLEAN	65	45
CONTRACT NO. 70540				
ILLINOIS FED. AID PROJECT				

PIER 1 PILE DATA

Type: Metal Shell - 14 in. Dia. x 0.25 in. Walls with Pile Shoes
 Nominal Required Bearing: 342 kips
 Factored Resistance Available: 180 kips
 Est. Length: 38 ft.
 No. Production Piles: 8
 No. Test Piles: 1

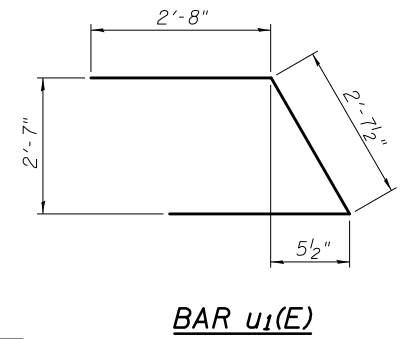
PIER 2 PILE DATA

Type: Metal Shell - 14 in. Dia. x 0.25 in. Walls with Pile Shoes
 Nominal Required Bearing: 342 kips
 Factored Resistance Available: 180 kips
 Est. Length: 34 ft.
 No. Production Piles: 8
 No. Test Piles: 1



BILL OF MATERIAL TWO PIERS

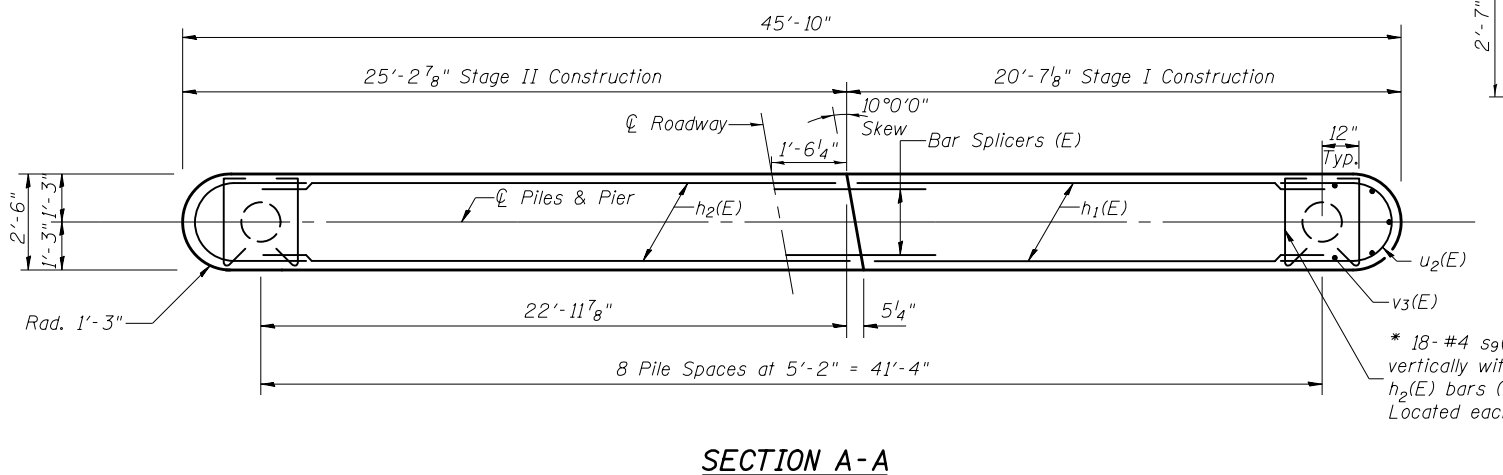
Bar	No.	Size	Length	Shape
h1(E)	36	#5	18'-5"	—
h2(E)	36	#5	23'-0"	—
p4(E)	16	#7	20'-3"	—
p5(E)	16	#7	25'-4"	—
p6(E)	8	#5	20'-3"	—
p7(E)	8	#5	25'-4"	—
s7(E)	86	#4	11'-5"	□
s8(E)	8	#4	11'-6"	□
s9(E)	324	#4	3'-3"	∟
u1(E)	16	#6	8'-0"	∩
u2(E)	36	#5	9'-3"	∩
v2(E)	188	#5	3'-0"	—
v3(E)	192	#5	9'-6"	—
Structure Excavation		Cu. Yd.	77	
Concrete Structures		Cu. Yd.	88.6	
Reinforcement Bars, Epoxy Coated		Pound	7,880	
Furnishing Metal Shell Piles 14" x 0.250"		Foot	576	
Driving Piles		Foot	576	
Test Pile Metal Shells		Each	2	
Pile Shoes		Each	18	



* s9(E) bars shall enclose both the vertical and horizontal bars. Alternate the position of the 90 and 135 degree hooked ends both vertically and horizontally.

* 18- #4 s9(E) bars spaced vertically with h1(E) and h2(E) bars (9 rows). Located each side of pile.

Notes:
 For details of piles, see sheet 20 of 23.
 See sheet 21 of 23 for Bar Splicer Assembly Details.



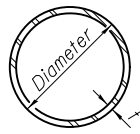
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	CHECKED - JAF	REVISED
PLOT SCALE = 0:2.0000 1' / in.	DRAWN - JAF	REVISED
PLOT DATE = 8/12/2014	CHECKED - VPT	REVISED

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PIERS 1 & 2
 STRUCTURE NO. 057-0256

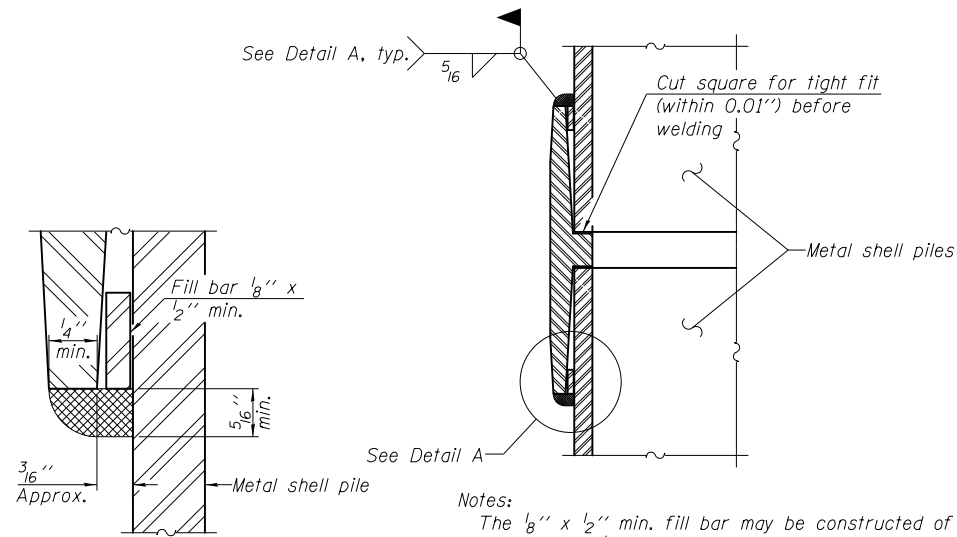
SHEET NO. 19 OF 23 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	62-ZBR	MCLEAN	65	46
CONTRACT NO. 70540				
ILLINOIS FED. AID PROJECT				



METAL SHELL PILE TABLE

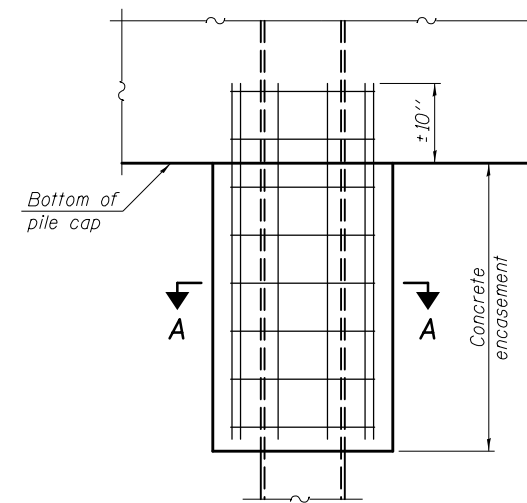
Designation and outside diameter	Wall thickness t	Weight per foot (Lbs./ft.)	Inside volume (yd. ³ /ft.)
PP12	0.179"	22.60	0.0274
PP12	0.250"	31.37	0.0267
PP14	0.250"	36.71	0.0368
PP14	0.312"	45.61	0.0361



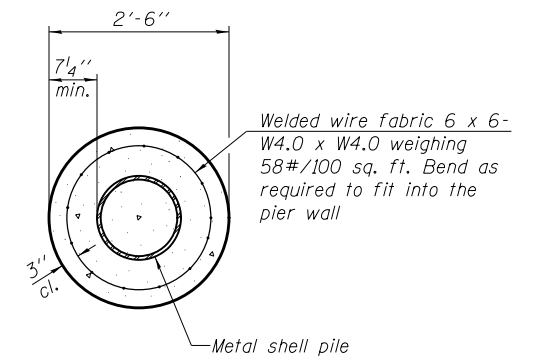
DETAIL A

Notes:
 The 1/8" x 1/2" min. fill bar may be constructed of 2 bars with a 1/8" max. gap between them.
 Pile segments shall be driven to solid contact with splicer before welding.

WELDED COMMERCIAL SPLICE



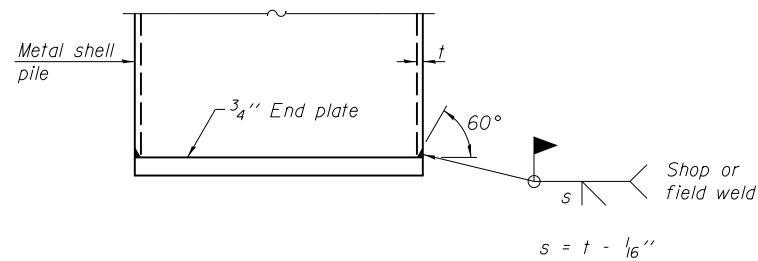
ELEVATION



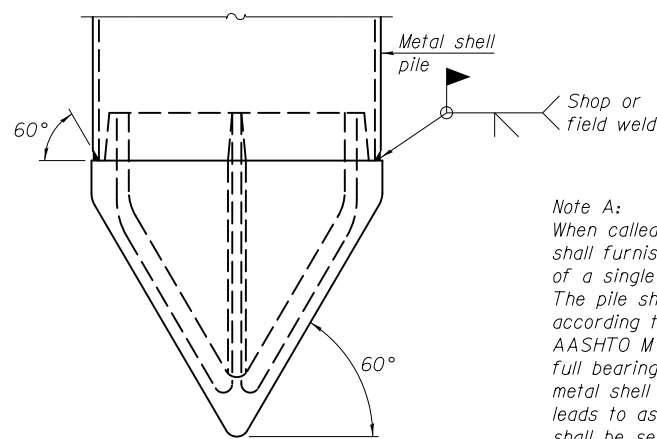
SECTION A-A

Note:
 Forms for encasement may be omitted when soil conditions permit.

CONCRETE ENCASEMENT AT PIERS



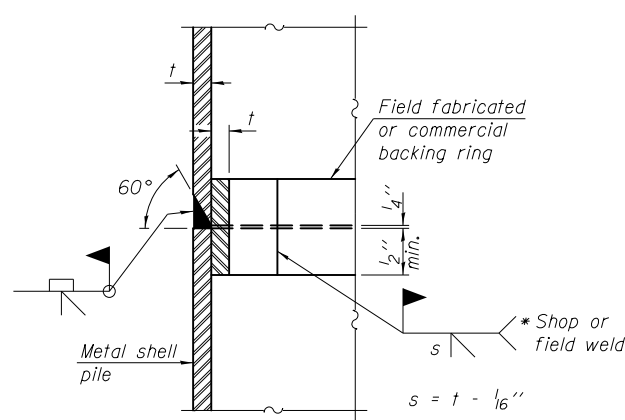
END PLATE ATTACHMENT



METAL SHELL PILE SHOE ATTACHMENT

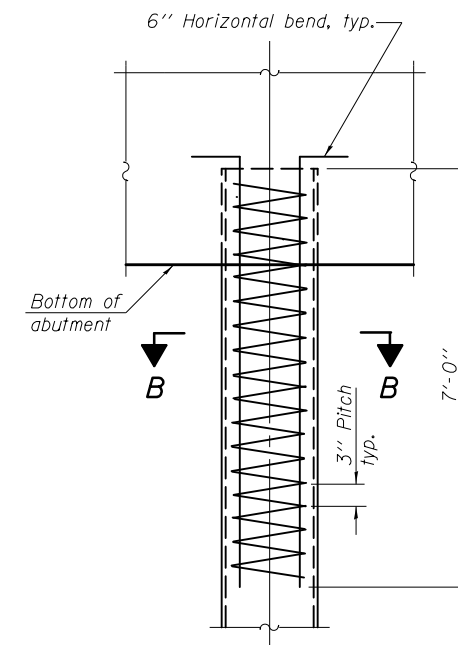
(See Note A)

Note A:
 When called for on the plans, the Contractor shall furnish metal shell pile shoes consisting of a single piece conical pile point as shown. The pile shoes shall be cast in one piece steel according to either ASTM A 148 Grade 90-60 or AASHTO M 103 Grade 65-35 and shall provide full bearing over the full circumference of the metal shell pile. The pile shoe shall have tapered leads to assure proper alignment and fitting and shall be secured to the pile with a circumferential weld.



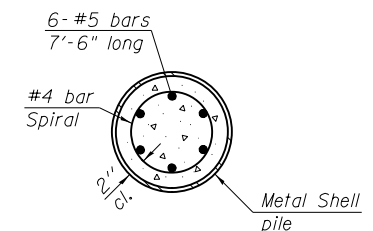
COMPLETE PENETRATION WELD SPLICE

* Field fabricated backing ring may be made from pile shell by removing segment to allow reducing circumference and vertically rejoin with partial joint penetration weld.



ELEVATION

METAL SHELL REINFORCEMENT AT ABUTMENTS



SECTION B-B

Note:
 The metal shell piles shall be according to ASTM A 252 Grade 3.

F-MS 1-27-12



USER NAME = ceerlockjd
 PLOT SCALE = 0:2.0000 '1' / in.
 PLOT DATE = 8/12/2014 *TIME*

DESIGNED - VPT
 CHECKED - JAF
 DRAWN - JAF
 CHECKED - VPT

REVISED
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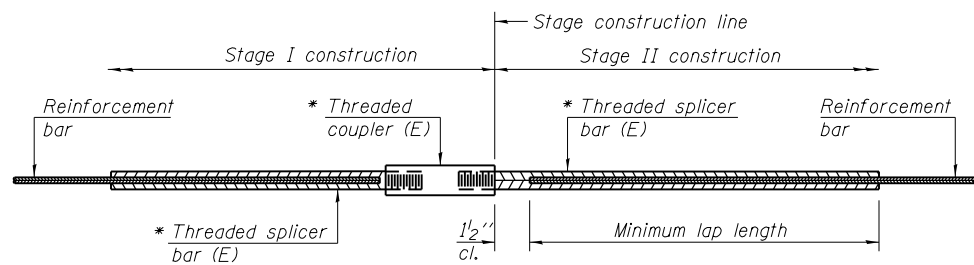
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

METAL SHELL PILE DETAILS
 STRUCTURE NO. 057-0256

SHEET NO. 20 OF 23 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	62-ZBR	MCLEAN	65	47
CONTRACT NO. 70540				

ILLINOIS FED. AID PROJECT



STANDARD BAR SPLICER ASSEMBLY

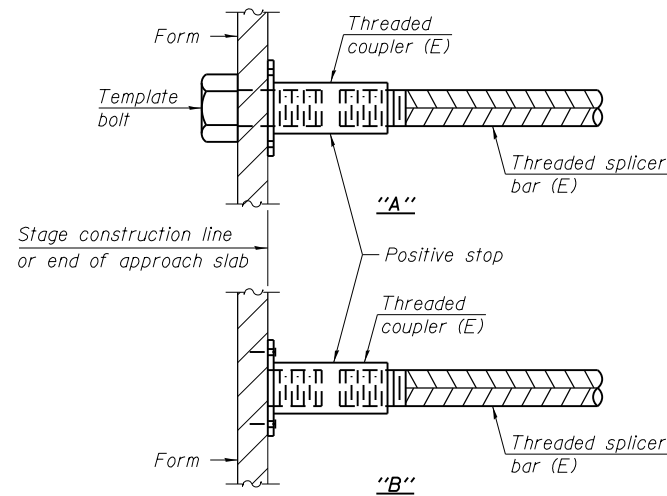
Minimum Lap Lengths						
Bar size to be spliced	Table 1	Table 2	Table 3	Table 4	Table 5	Table 6
3, 4	1'-5"	1'-11"	2'-1"	2'-4"	2'-7"	2'-11"
5	1'-9"	2'-5"	2'-7"	2'-11"	3'-3"	3'-8"
6	2'-1"	2'-11"	3'-1"	3'-6"	3'-10"	4'-5"
7	2'-9"	3'-10"	4'-2"	4'-8"	5'-2"	5'-10"
8	3'-8"	5'-1"	5'-5"	6'-2"	6'-9"	7'-8"
9	4'-7"	6'-5"	6'-10"	7'-9"	8'-7"	9'-8"

- Table 1: Black bar, 0.8 Class C
- Table 2: Black bar, Top bar lap, 0.8 Class C
- Table 3: Epoxy bar, 0.8 Class C
- Table 4: Epoxy bar, Top bar lap, 0.8 Class C
- Table 5: Epoxy bar, Class C
- Table 6: Epoxy bar, Top bar top, Class C

Threaded splicer bar length = min. lap length + 1 1/2" + thread length

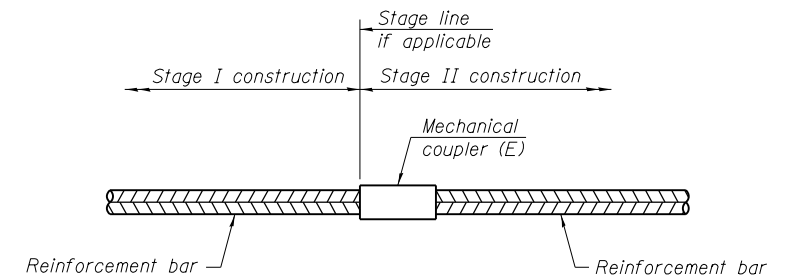
* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar size	No. assemblies required	Table for minimum lap length
N. Appr. Slab	#4	25	3
	#5	86	3
N. Abut.	#7	8	4
	#4	10	3
Superstructure	#5	209	4
	#7	8	4
Pier 1	#5	22	3
	#7	8	4
Pier 2	#5	22	3
	#7	8	4
S. Abut.	#7	8	4
	#4	10	3
S. Appr. Slab	#4	25	3
	#5	86	4
San. Sewer Encasement	#5	38	3



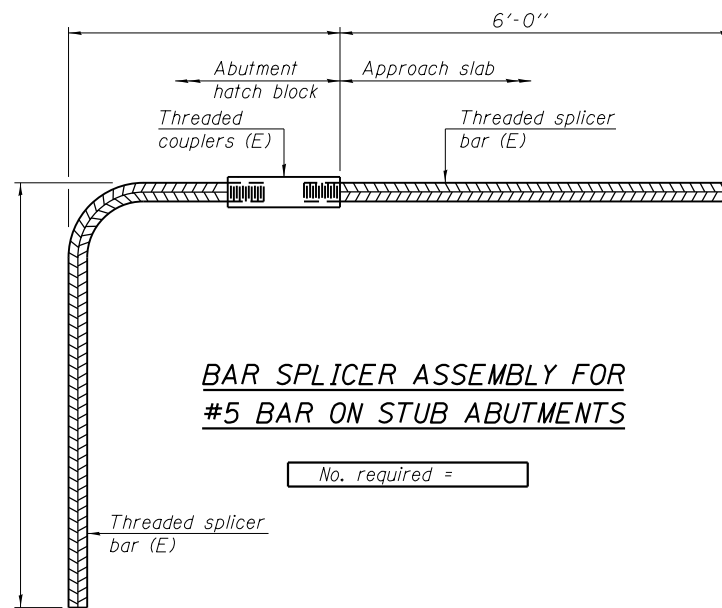
INSTALLATION AND SETTING METHODS

"A": Set bar splicer assembly by means of a template bolt.
 "B": Set bar splicer assembly by nailing to wood forms or cementing to steel forms.
 (E): Indicates epoxy coating.



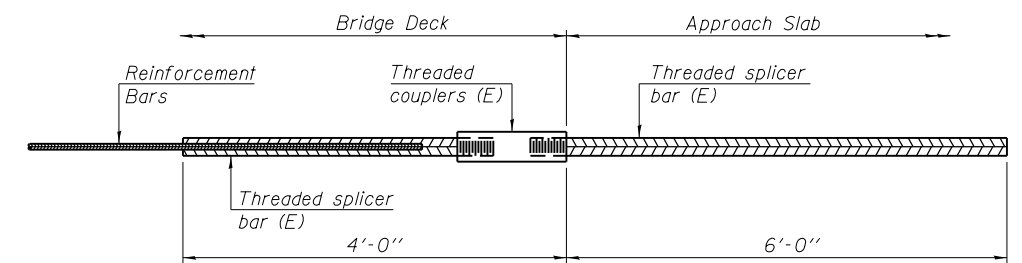
STANDARD MECHANICAL SPLICER

Location	Bar size	No. assemblies required



BAR SPLICER ASSEMBLY FOR #5 BAR ON STUB ABUTMENTS

No. required =



BAR SPLICER ASSEMBLY FOR #5 BAR ON INTEGRAL OR SEMI-INTEGRAL ABUTMENTS

No. required =

NOTES

Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.
 All reinforcement shall be lapped and tied to the splicer bars.
 Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications.
 See approved list of bar splicer assemblies and mechanical splicers for alternatives.

BSD-1

1-27-12



USER NAME = FE1	DESIGNED - VPT	REVISED -
PLOT SCALE = 0:2.0000 1' / in.	CHECKED - THW	REVISED -
PLOT DATE = 9/30/2014 2:05:54 PM	DRAWN - THW	REVISED -
	CHECKED - VPT	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BAR SPLICER ASSEMBLY DETAILS
STRUCTURE NO. 057-0256

SHEET NO. 21 OF 23 SHEETS

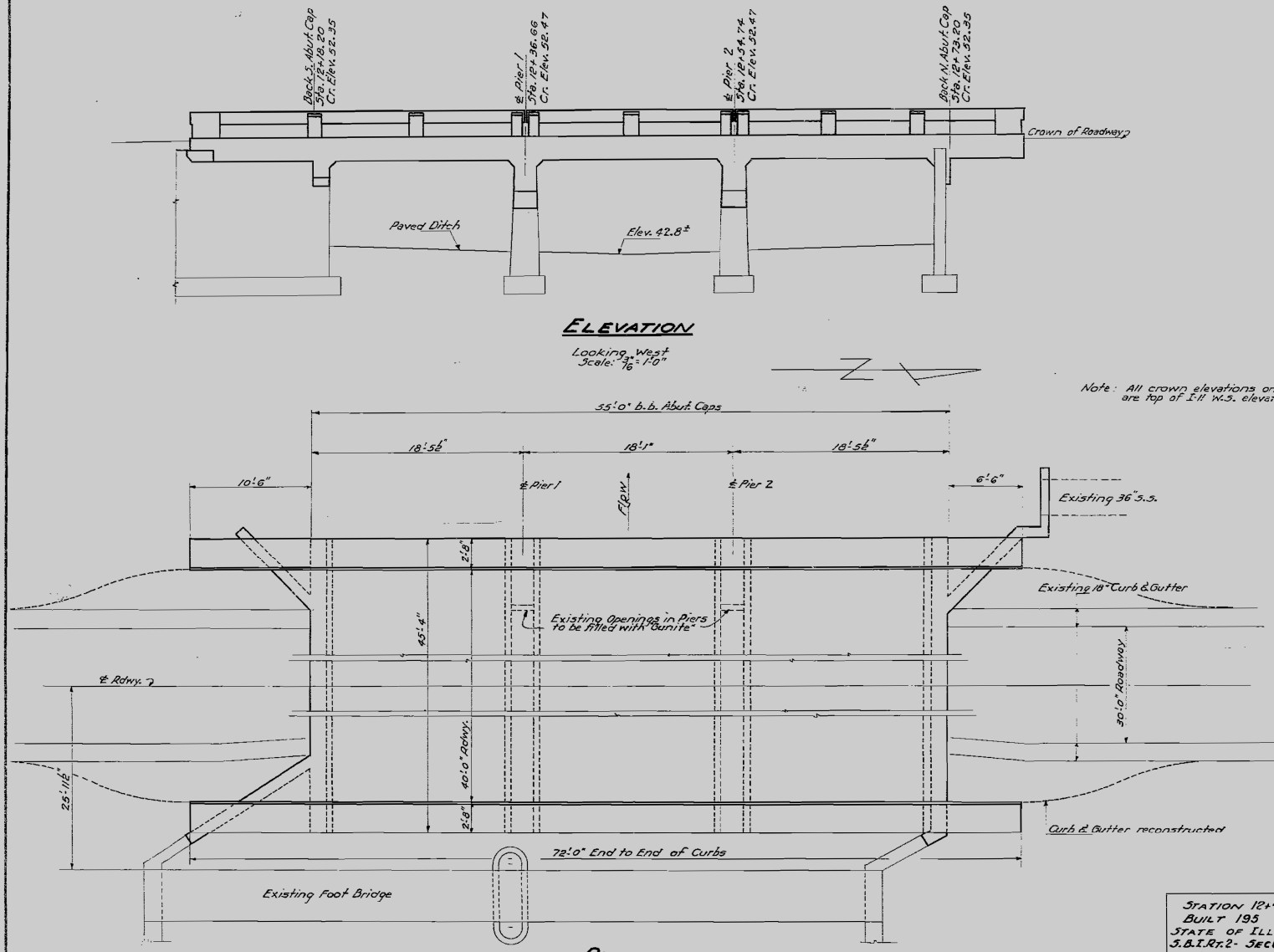
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	62-ZBR	MCLEAN	65	48
CONTRACT NO. 70540				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

PROJECT	SECTION	PLAN	TOTAL SHEETS	SHEET NO.
2	62-ZB	MCLEAN	8	5
SHEETS				

B.M. #1 - Top of Fire Hydrant at S.W. Corner of Main and Virginia Streets - Elev. 53.83 (Normal City Datum)
Existing Bridge: 3 R.C. Slab spans @ 18'1" 30'4" Rdwy. on R.C. Piers and closed Abuts. Remove Superstructure and other concrete as shown on plans.



ELEVATION

Looking West
Scale: 3/8" = 1'-0"

PLAN

Scale: 1/8" = 1'-0"

GENERAL NOTES
Class-X Concrete shall be used throughout except in Handrails. Handrail Concrete shall be used in Handrails. This Concrete Floor Slab shall be finished in accordance with the applicable provisions of Section 28 of the Standard Specifications. Floor slab, curbs, abutment and pier caps shall be poured monolithically. For Expansion Bolts see Special Provisions.

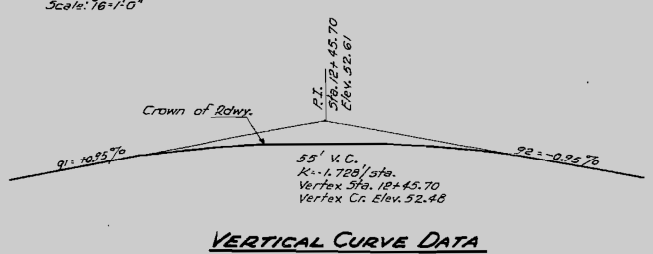
TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Class-X Concrete	Cu. Yds.	136.0
Handrail Concrete	Cu. Yds.	3.5
Reinforcement Bars	Lbs.	32290
Expansion Bolts	Each	5
Masonry Removal	Cu. Yds.	16
Removal of Existing Superstructure	Each	1
Bituminous Surface Course, Subclass E-II	Tons	20.2
Name Plates	Each	1
Cement	Sacks	10

Note: All crown elevations on this sheet are top of I-II W.S. elevations.

STATION 12+45.70
BUILT 195 BY
STATE OF ILLINOIS
S.B.I.Rt. 2 - SEC 62-ZB
LOADING 120-316

LETTERING FOR NAME PLATE
See Standard 213



VERTICAL CURVE DATA

STRESSES
f_c - 1400 PSI - Sub. & Super
f_s - 20000 PSI - Reinforcement Bars
n - 10

**GENERAL PLAN & ELEVATION
MAIN STREET BRIDGE IN NORMAL
S.B.I. RT. 2 - SECTION 62-ZB
MCLEAN COUNTY
STA. 12+45.70**

Loading 120-316-44

DESIGNED	J. S. Harris	EXAMINED	[Signature]
CHECKED	[Signature]	PASSED	[Signature]
DRAWN	J. S. H. Miller	APPROVED	[Signature]
CHECKED	[Signature]		



USER NAME = ceorlockjd
FILE NAME = #FILES#
PLOT SCALE = 2.0000' / in.
PLOT DATE = 8/12/2014

DESIGNED - MRS
DRAWN - MRS
CHECKED - AJK
DATE - 1/25/13

REVISED - BJH 7/28/2014
REVISED
REVISED
REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING GENERAL PLAN AND ELEVATION (FROM AS-BUILT PLANS)

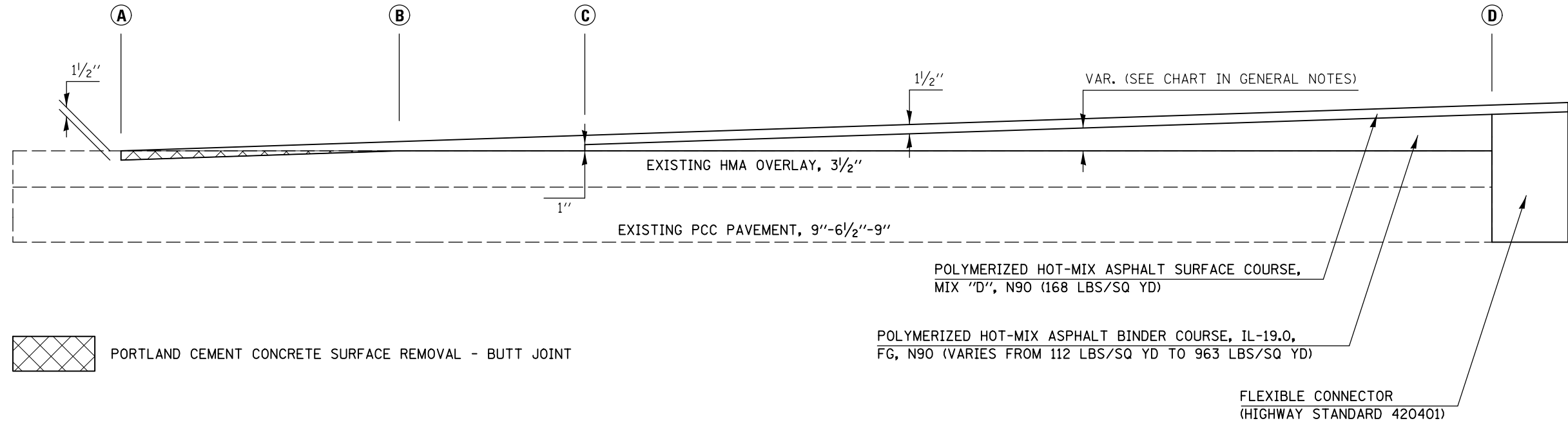
SCALE: NTS SHEET NO. 1 OF 1 SHEETS STA. 195+16 TO STA. 199+76.4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	62-ZBR	MCLEAN	65	51
CONTRACT NO. 70540				

ILLINOIS FED. AID PROJECT

DETAIL FOR US 51 BUSN BUTT JOINTS AND PAVING TRANSITIONS

Ⓐ		Ⓑ		Ⓒ		Ⓓ
STATION	TO	STATION	TO	STATION	TO	STATION
195+16.00		196+16.30		196+32.80		196+86.19
199+76.40		199+32.30		199+22.30		198+56.68

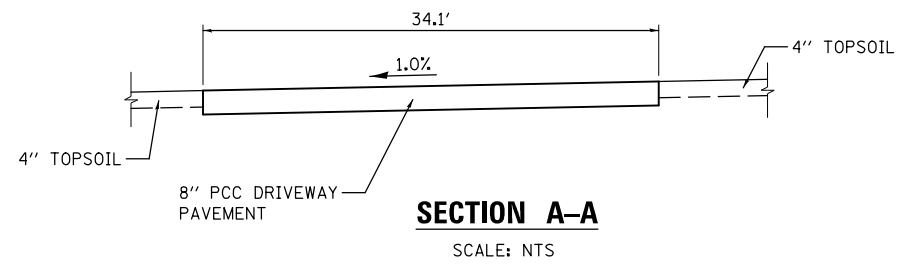
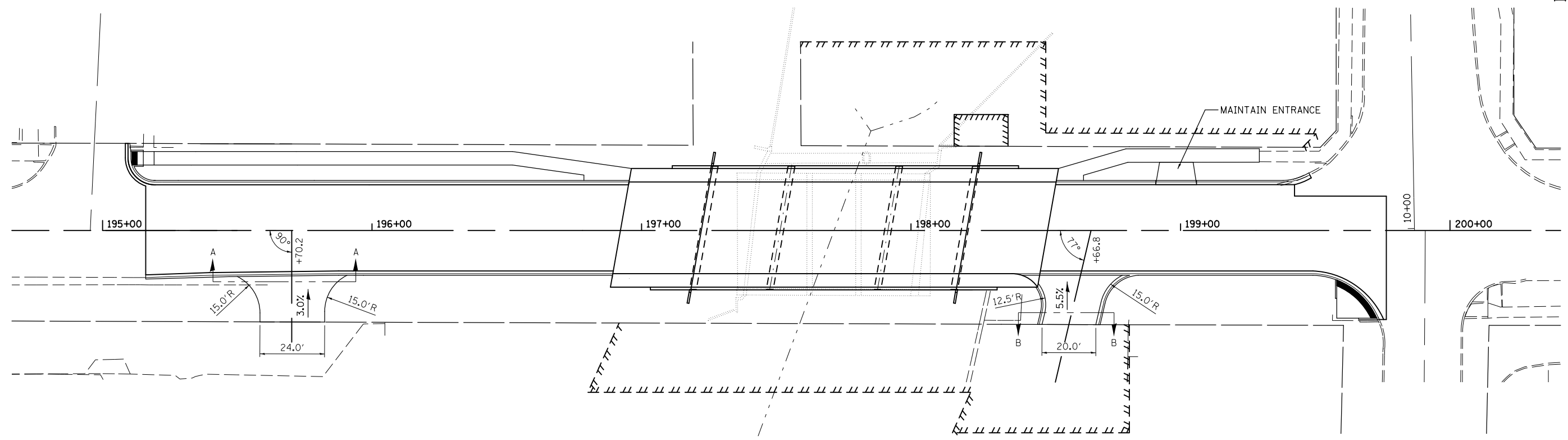


PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT

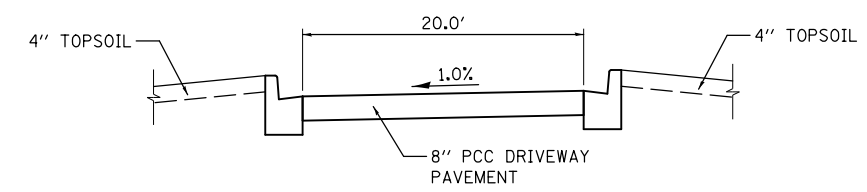
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, FG, N90 (VARIES FROM 112 LBS/SQ YD TO 963 LBS/SQ YD)

FLEXIBLE CONNECTOR (HIGHWAY STANDARD 420401)

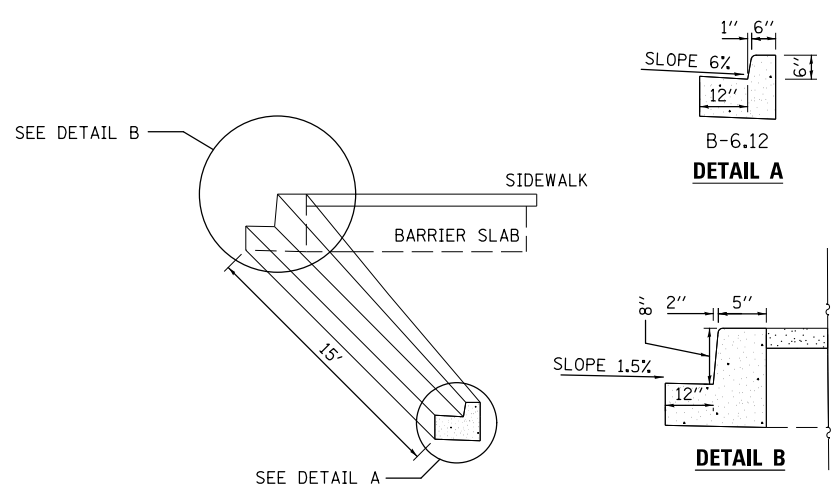
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	PLOT DATE = 8/13/2014	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



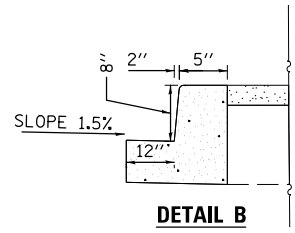
SECTION A-A
SCALE: NTS



SECTION B-B
SCALE: NTS



DETAIL A

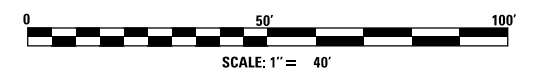


DETAIL B

DETAIL OF CURB TRANSITION
SCALE: NTS

NOTES:

- EAST SIDE TRANSITION IS SHOWN, WEST SIDE TRANSITION WILL BE A MIRROR IMAGE.
- THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR CONCRETE CURB AND GUTTER TYPE B-6.12



USER NAME = cealockjd	DESIGNED - MRS	REVISED
FILE NAME = \$FILES\$	DRAWN - MRS	REVISED
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PLOT DATE = 8/12/2014	DATE - 1/25/13	REVISED

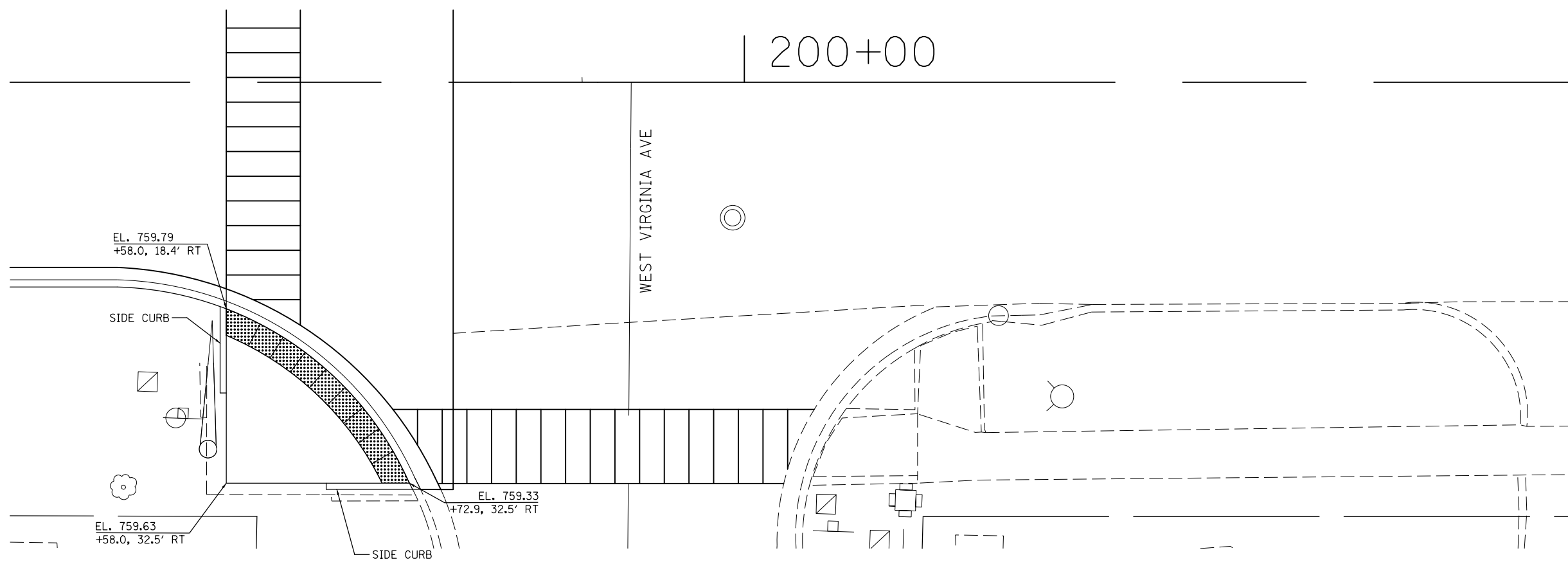
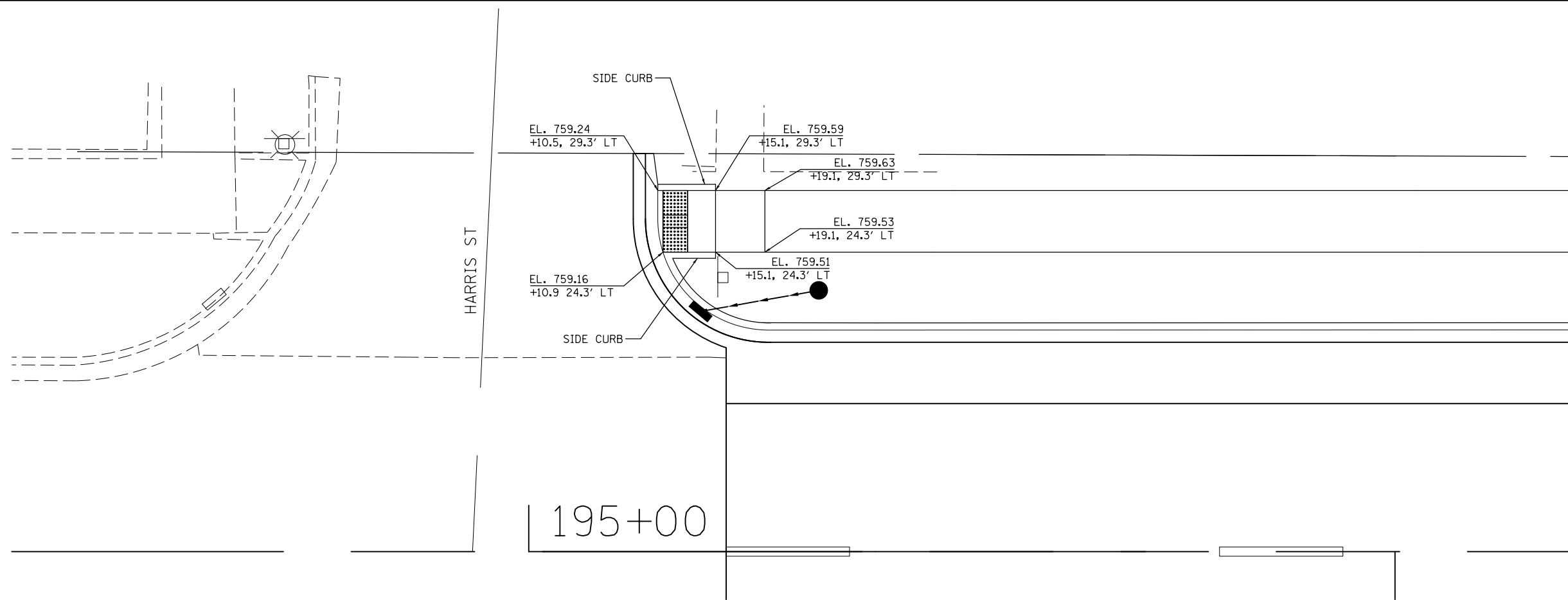
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DRAWN - MRS	REVISED
CHECKED - AJK	REVISED
DATE - 1/25/13	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CURB AND ENTRANCE DETAILS

SCALE: 1" = 40' SHEET NO. 1 OF 1 SHEETS STA. 195+16 TO STA. 199+76.4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	62-ZBR	MCLEAN	65	53
CONTRACT NO. 70540				
ILLINOIS FED. AID PROJECT				



USER NAME = ceartockjd	DESIGNED - MRS	REVISED
FILE NAME = #FILES#	DRAWN - MRS	REVISED
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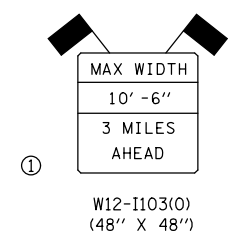
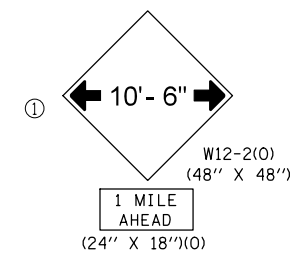
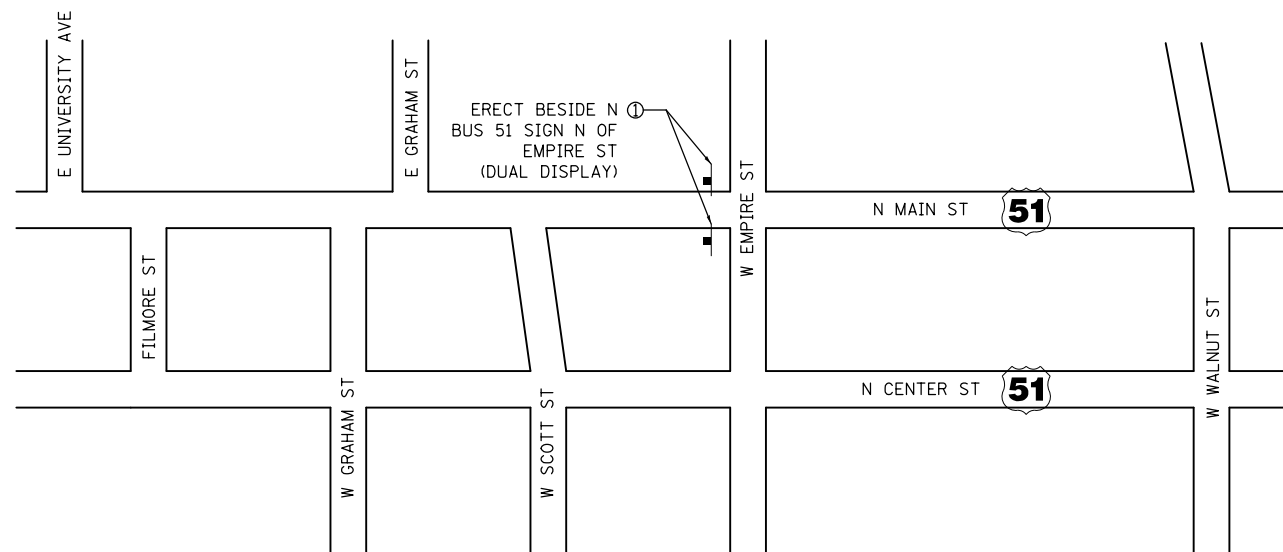
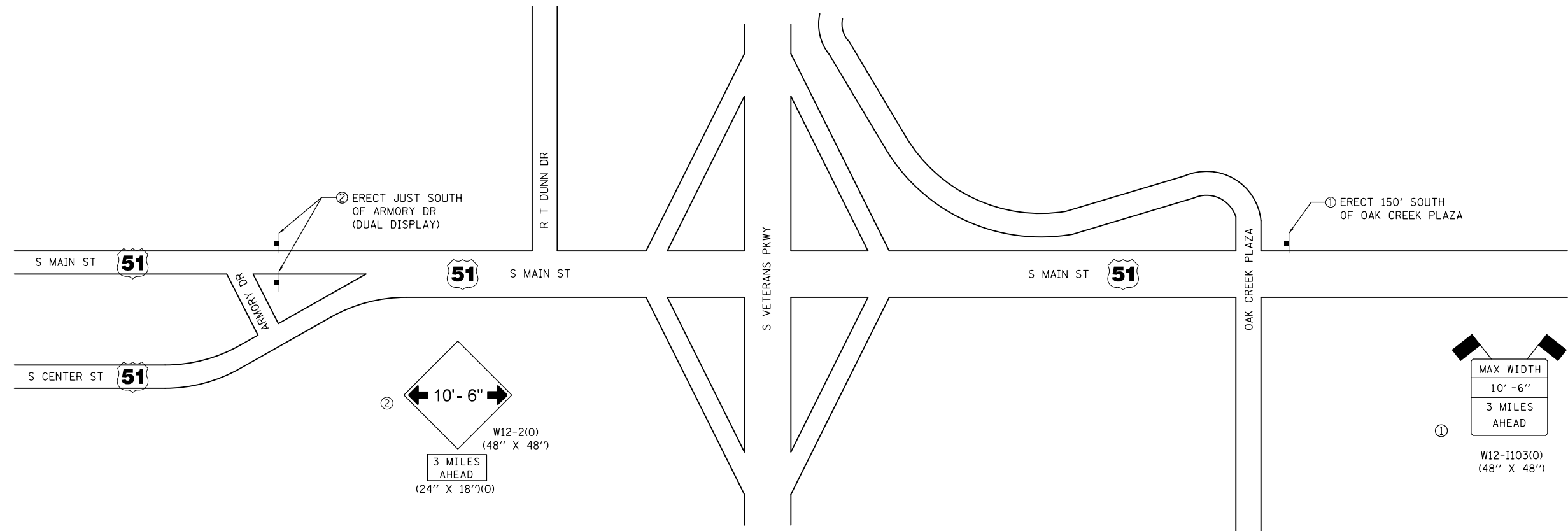
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA RAMP DETAILS

SCALE: 1" = 10' SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	62-ZBR	MCLEAN	65	54
CONTRACT NO. 70540				
ILLINOIS FED. AID PROJECT				

WIDTH RESTRICTION SIGNING DETAILS



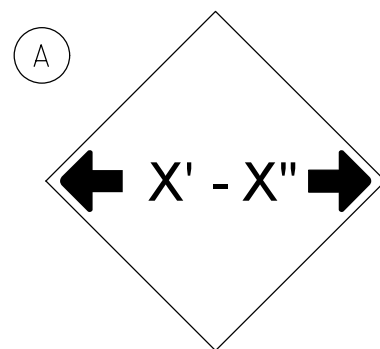
USER NAME = ceorlockjd	DESIGNED - MRS	REVISED
FILE NAME = \$FILES\$	DRAWN - MRS	REVISED
PLOT SCALE = 40,0000' / in.	CHECKED - AJK	REVISED
PLOT DATE = 8/12/2014	DATE - 1/25/13	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

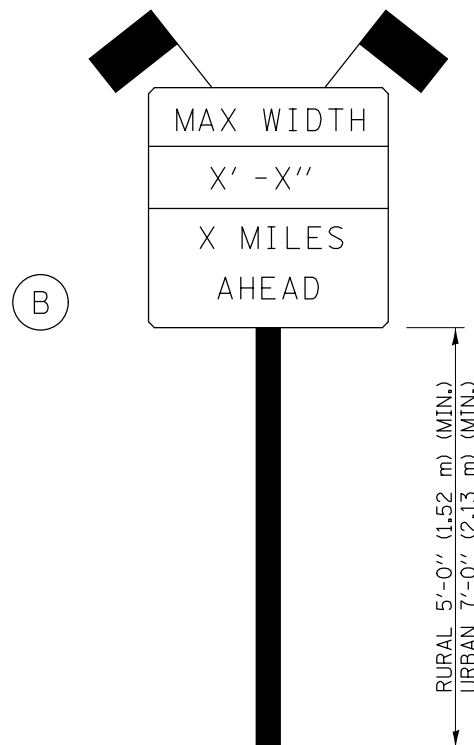
WIDTH RESTRICTION SIGNING DETAIL

SCALE: NTS SHEET NO. 1 OF 2 SHEETS STA. TO STA.

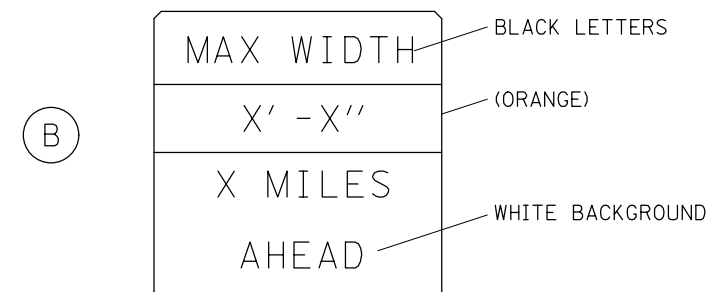
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	62-ZBR	MCLEAN	65	55
CONTRACT NO. 70540				
ILLINOIS FED. AID PROJECT				



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.



USER NAME = ceorlockjd	DESIGNED - MRS	REVISED - 03/11 - KJT
FILE NAME = \$FILES\$	DRAWN - MRS	REVISED - 05/08
PLOT SCALE = 40.0000' / in.	CHECKED - JBMB	REVISED - 10/08 - KJT
PLOT DATE = 8/12/2014	DATE - 1/25/13	REVISED - 7/09 - KJT

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WIDTH RESTRICTION SIGNING DETAIL

SCALE: NTS SHEET NO. 2 OF 2 SHEETS STA. TO STA.

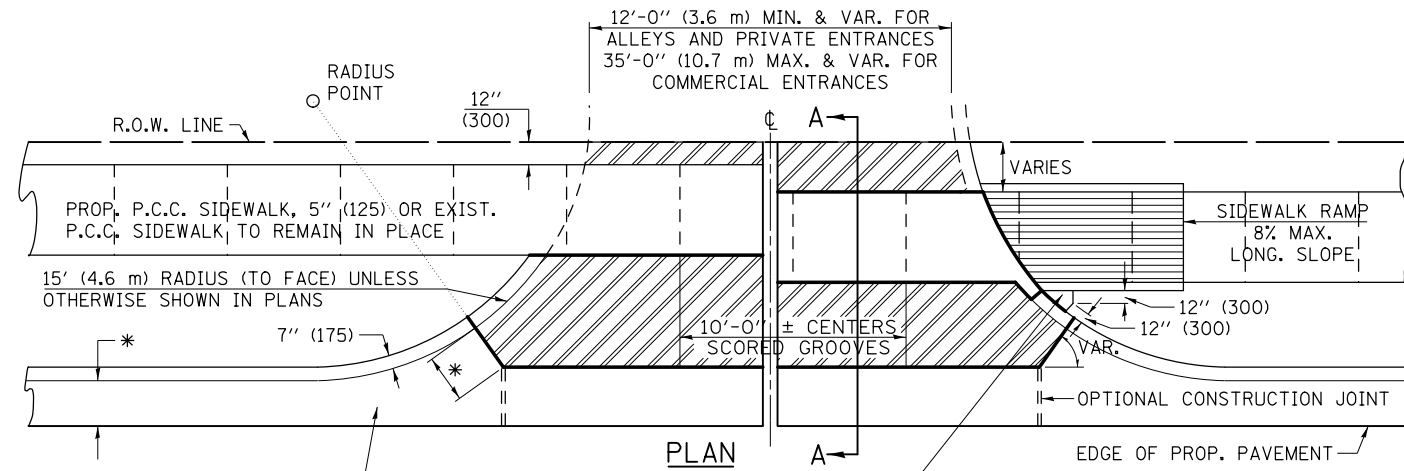
DISTRICT 5 DETAIL NO. X7200201

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	62-ZBR	MCLEAN	65	56
CONTRACT NO. 70540				

ILLINOIS FED. AID PROJECT

GENERAL NOTES

- THIS LONGITUDINAL CURB EXPANSION JOINT SHALL BE PLACED ONLY WHERE THE PROPOSED P.C. CONCRETE SIDEWALK OR DRIVEWAY PAVEMENT MEETS AN EXISTING CONCRETE ENTRANCE. THE P.C.C. DRIVEWAY PAVEMENT WILL BE POURED MONOLITHIC WITH THE P.C.C. SIDEWALK WHEN THE DISTANCE BETWEEN THE SIDEWALK AND RIGHT-OF-WAY IS LESS THAN OR EQUAL TO 24" (600 mm). THE LONGITUDINAL EXPANSION JOINT BETWEEN THE DRIVEWAY PAVEMENT AND SIDEWALK WILL NOT BE NEEDED UNLESS THE DISTANCE EXCEEDS 24" (600 mm).
- THE LONGITUDINAL CURB EXPANSION JOINT SHALL CONFORM TO SECTION 1051 OF THE STANDARD SPECS.
- DRIVEWAYS THAT WILL MEET EXISTING OR PROPOSED CURB NEAR THE R.O.W. LINE SHALL HAVE THE CURB CONSTRUCTED FULL HEIGHT TO THE R.O.W. LINE.
- DRIVEWAYS THAT WILL BE CONSTRUCTED WITH FULL HEIGHT CURBS AND NOT MEETING EXISTING OR PROPOSED CURBS NEAR THE R.O.W. LINE SHALL HAVE THE CURB SLOPED AS SHOWN ABOVE.
- DEPRESSED CURB SHALL BE BUILT ONLY AT PRIVATE DRIVES WITH NO SIDEWALK RAMPS.
- THE ENTRANCE GRADES WILL BE AS SHOWN ON THE STATION CROSS SECTIONS AND AS DIRECTED BY THE ENGINEER.
- THE P.C. CONCRETE DRIVEWAY PAVEMENT SHALL BE CONSTRUCTED WITH SCORED GROOVES, AS SPECIFIED IN ARTICLE 424.06 OF THE STANDARD SPECIFICATIONS, AT APPROXIMATELY EVERY OTHER JOINT, EITHER IN THE EXISTING SIDEWALK OR THE PROPOSED SIDEWALK. THE PROPOSED P.C. CONCRETE SIDEWALK SHALL BE CONSTRUCTED PRIOR TO CONSTRUCTING THE P.C. CONC. DRIVEWAY PAVEMENT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE COMBINATION CONCRETE CURB AND GUTTER SHALL BE CONSTRUCTED AS SHOWN AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER LIN.FT. (METER) FOR COMBINATION CONCRETE CURB AND GUTTER OF THE TYPE SPECIFIED IN THE PLANS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE P.C. CONCRETE SIDEWALK SHALL BE CONSTRUCTED AS SHOWN ABOVE AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQ.FT. (m²) FOR P.C. CONCRETE SIDEWALK OF THE THICKNESS SPECIFIED IN THE PLANS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE EXTRA THICKNESS AS SHOWN ABOVE OR THE SEQUENCE OF CONSTRUCTION AS SPECIFIED.
- BEFORE A CHANGE IN THE METHOD OF CONSTRUCTION IS ALLOWED, THE REQUEST SHALL BE SUBMITTED IN WRITING AND MUST BE APPROVED BY THE ENGINEER.
- THE VARIABLE HEIGHT CURB ADJACENT TO THE P.C. CONCRETE DRIVEWAY PAVEMENT SHALL BE CONSTRUCTED MONOLITHIC WITH AND INCLUDED IN THE AREA OF THE P.C. CONCRETE DRIVEWAY PAVEMENT OF THE THICKNESS SPECIFIED IN THE PLANS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQ.YD. (m²) FOR P.C. CONCRETE DRIVEWAY PAVEMENT OF THE THICKNESS SPECIFIED IN THE PLANS, INCLUDING THE MONOLITHIC CURBS AS SPECIFIED, THE SCORED GROOVES, THE LONGITUDINAL CURB EXPANSION JOINTS, AND THE ADDITIONAL THICKNESS REQUIRED ADJACENT TO THE DEPRESSED COMBINATION CONCRETE CURB AND GUTTER, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.



PLAN

12'-0" (3.6 m) MIN. & VAR. FOR ALLEYS AND PRIVATE ENTRANCES
35'-0" (10.7 m) MAX. & VAR. FOR COMMERCIAL ENTRANCES

RADIUS POINT

R.O.W. LINE

12" (300)

PROP. P.C.C. SIDEWALK, 5" (125) OR EXIST. P.C.C. SIDEWALK TO REMAIN IN PLACE

15' (4.6 m) RADIUS (TO FACE) UNLESS OTHERWISE SHOWN IN PLANS

7" (175)

10'-0" ± CENTERS SCORED GROOVES

12" (300)

12" (300)

VARIES

SIDEWALK RAMP 8% MAX. LONG. SLOPE

OPTIONAL CONSTRUCTION JOINT

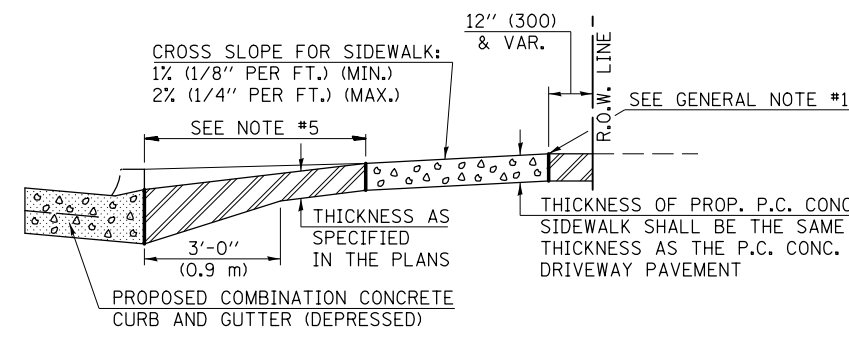
EDGE OF PROP. PAVEMENT

PROP. COMBINATION CONCRETE CURB AND GUTTER

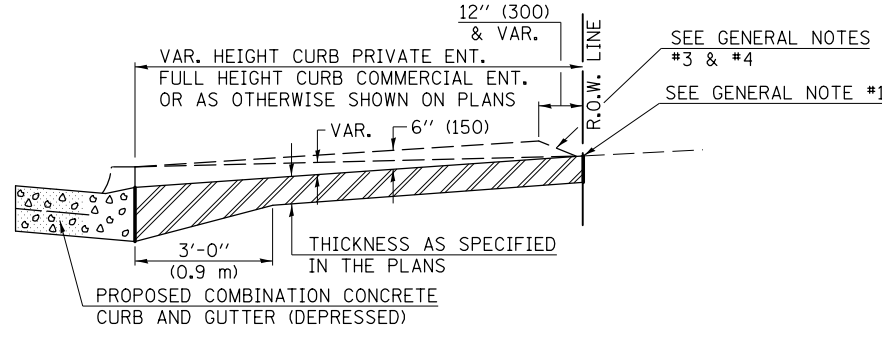
P.C. CONCRETE SIDEWALK, 5" (125) SHALL BE POURED BETWEEN THE CURB OF THE DRIVEWAY AND SIDEWALK RAMP, WHERE IN THE OPINION OF THE ENGINEER, CONSTRUCTION WILL CREATE A MOWING PROBLEM (I.E. POINTED AREAS ADJACENT TO HIGH CURBS).

NOTE: SIDEWALK RAMPS SHALL BE CONSTRUCTED AT COMMERCIAL ENTRANCES. AT PRIVATE ENTRANCES RAMPS SHALL USUALLY BE NEEDED WHERE NARROW BOULEVARDS OR RADII GREATER THAN 15' (4.6 m) ARE CONSTRUCTED. THE BACK CURB RAMPS AT PRIVATE ENTRANCES MAY BE ELIMINATED IF GRADING CAN BE ACCOMPLISHED WITHOUT THE CURB.

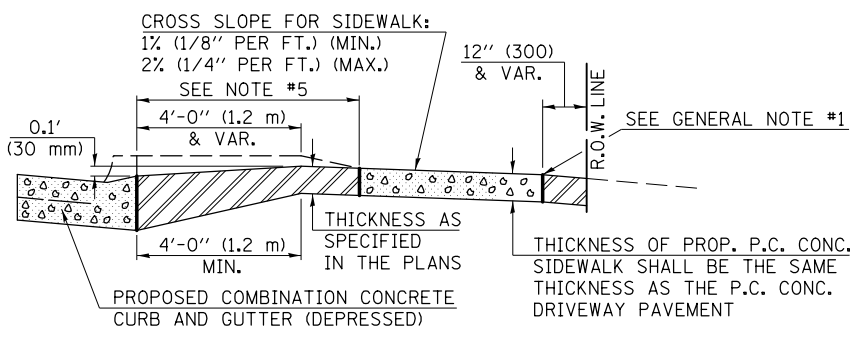
NOTE: THE ENTRANCE WIDTHS SHOWN ON THE PLANS SHALL BE INTERPRETED TO BE THE WIDTHS AT THE COMPLETED RADIUS, WHICH MAY BE LOCATED BEHIND THE R.O.W. LINE.



SECTION A-A WITH POSITIVE GRADE



SECTION A-A WITHOUT SIDEWALK



SECTION A-A WITH NEGATIVE GRADE

URBAN ENTRANCE DESIGN STANDARDS (PPM 40-09)													
DESIGN ELEMENT	NEW CONSTRUCTION & 3R with RECONSTRUCTION						3R w/out RECONSTRUCTION, 3P, SMART & CM						
	NONCOMMERCIAL			COMMERCIAL			NONCOMMERCIAL			COMMERCIAL			
	min.	des.	max.	min.	des.	max.	min.	des.	max.	min.	des.	max.	
SURFACE WIDTH (FT)	12	12 or 14	24	1 LANE, 1 WAY						1 LANE, 1 WAY			
	with			14	16	24	2 LANE, 2 WAY			2 LANE, 2 WAY			
				24	30	35	resurface existing configuration; existing hma or pcc entrances shall have "butt joints" constructed; existing aggregate or earth entrances shall have the continuation of aggregate shoulders placed behind them						
RADIUS (FT)	12	15 or 12	25	15	30	40							
ENTRANCE GRADE (%)	0	2 to 5	8	0	2 to 4	6							
SURFACE TYPE													
INCIDENTAL HMA SURFACING (INCH)				3 or 4				taper from hma resurfacing thickness (2 1/2", 2 1/4" or 1 1/2") to 1/2" for "butt joints" and to minimize aggregate shoulder					
AGGREGATE SURFACE COURSE, TYPE A (INCH)				8				if applicable use items: Preparation of Base & Aggregate Base Repair; see PPM 30-02					
PCC DRIVEWAY PAVEMENT (INCH)	6	6								6 or 8			

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

DISTRICT 5 DETAIL NO. 42300AAA



USER NAME = ceorlockjd	DESIGNED - MRS	REVISED - 11/06 TJB
FILE NAME = \$FILES\$	DRAWN - MRS	REVISED - 09/07 KAG
PLOT SCALE = 40.0000' / in.	CHECKED - JBMB	REVISED -
PLOT DATE = 8/12/2014	DATE - 1/25/13	REVISED -

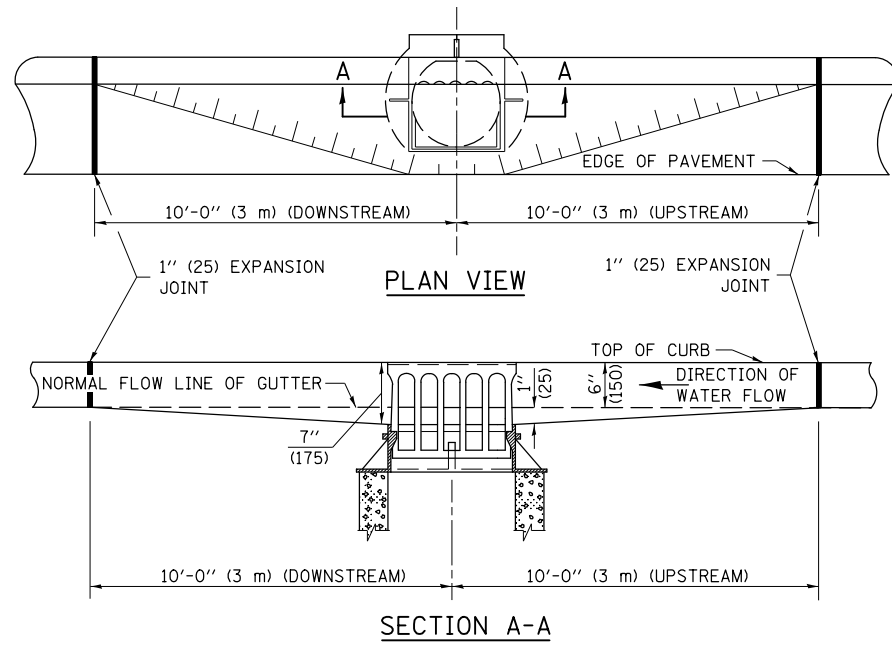
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRIVEWAY PAVEMENT (PCC) (NON & COMMERCIAL URBAN)

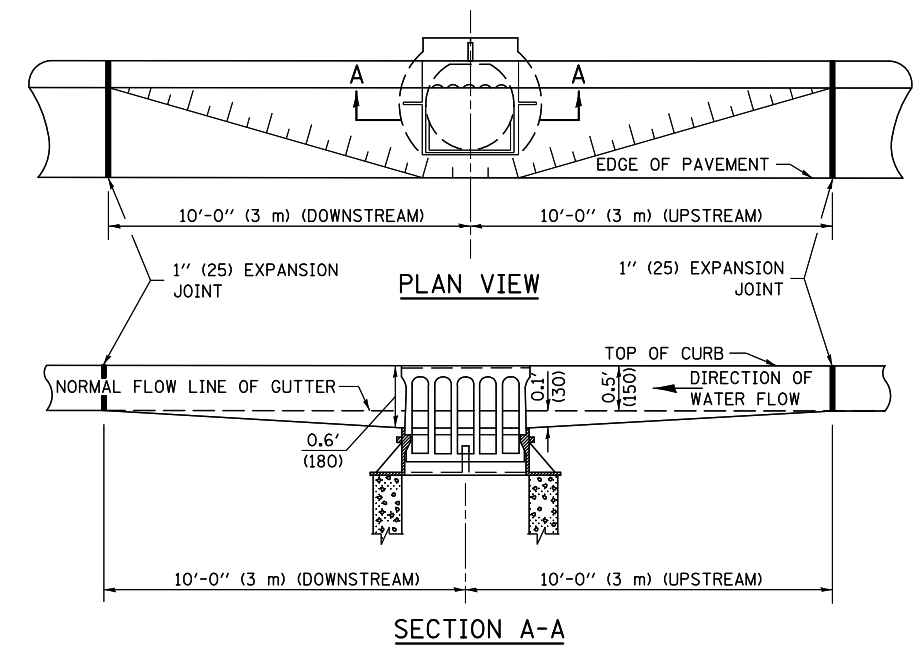
SCALE: NTS SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	62-ZBR	MCLEAN	65	57
CONTRACT NO. 70540				
ILLINOIS FED. AID PROJECT				

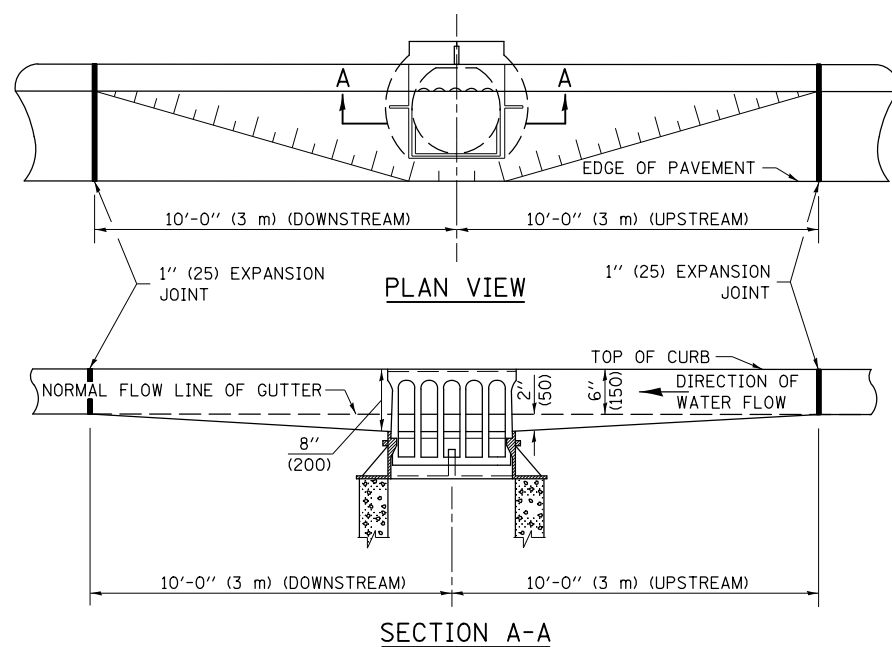
GUTTER DEPRESSION 1" (25mm)



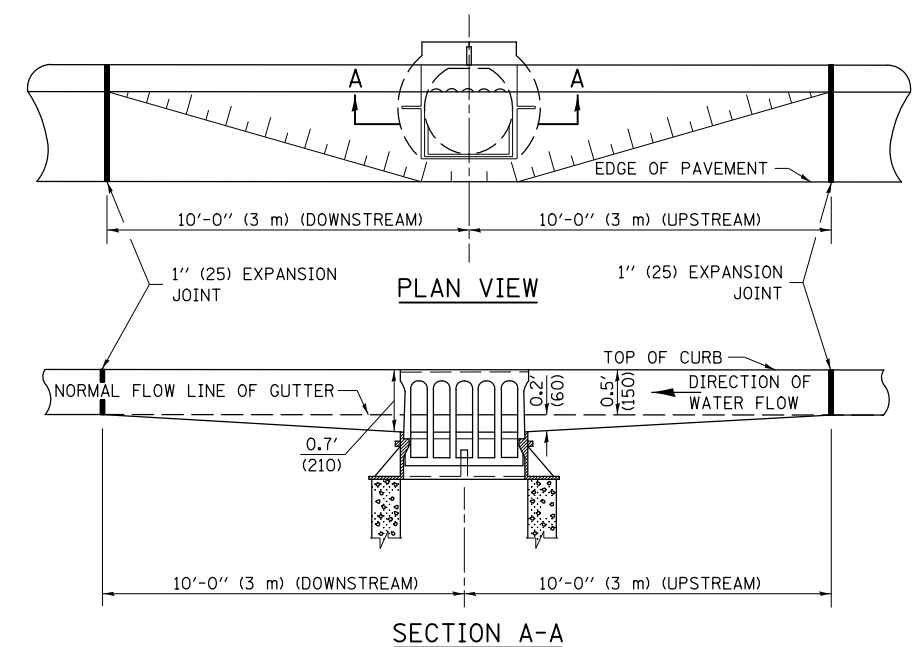
GUTTER DEPRESSION 0.1 FOOT (30mm)



GUTTER DEPRESSION 2" (50mm)



GUTTER DEPRESSION 0.2 FOOT (60mm)



GENERAL NOTES

1. THE TWO EXPANSION JOINTS SHALL BE PLACED AS SHOWN IN STANDARD 606001.
2. THE GUTTER GRADE SHALL BE DEPRESSED AT ALL INLETS, CATCH BASINS AND MANHOLES UNLESS OTHERWISE SPECIFIED IN THE PLANS.
3. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF THE VARIOUS PAY ITEMS OF WORK INVOLVED.

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



USER NAME = ceorlockjd	DESIGNED - MRS	REVISED - 11/06
FILE NAME = \$FILES\$	DRAWN - MRS	REVISED -
PLOT SCALE = 40,000' / in.	CHECKED - JBMB	REVISED -
PLOT DATE = 8/12/2014	DATE - 1/25/13	REVISED -

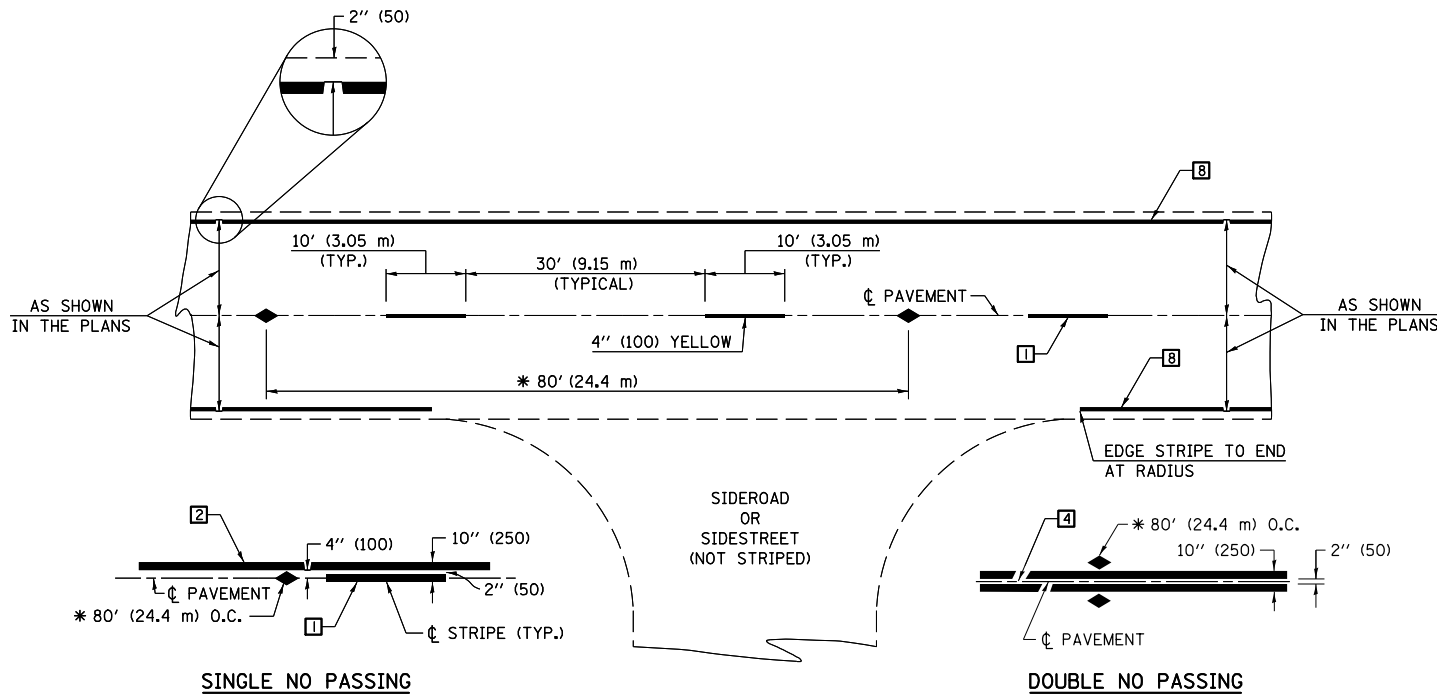
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GUTTER DEPRESSION AT INLETS, CATCH BASINS AND MANHOLES

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

DISTRICT 5 DETAIL NO. 606AAAAA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	62-ZBR	MCLEAN	65	58
CONTRACT NO. 70540				
ILLINOIS FED. AID PROJECT				



* 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

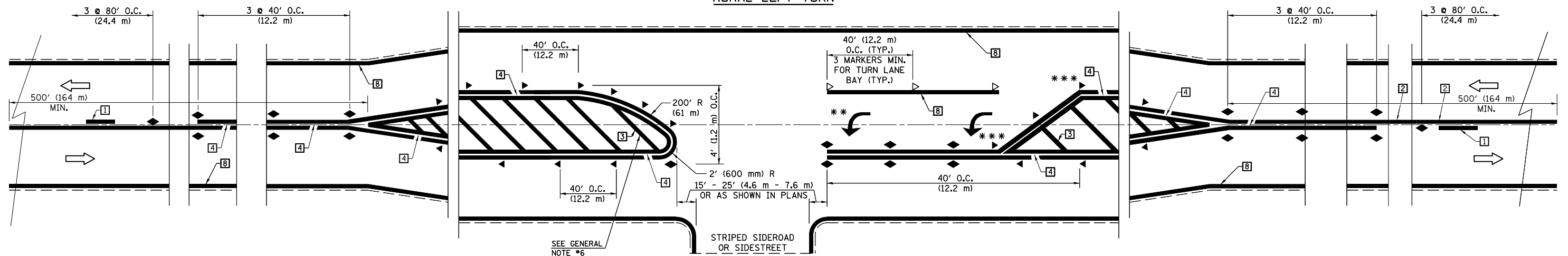
TYPICAL PAVEMENT MARKING LEGEND

- 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.



USER NAME = cealockjd	DESIGNED - MRS	REVISED - 11/06
FILE NAME = #FILES#	DRAWN - MRS	REVISED - 09/2009 - KJT
PLOT SCALE = 40.0000' / 1 in.	CHECKED - JBMB	REVISED -
PLOT DATE = 8/12/2014	DATE - 1/25/13	REVISED -

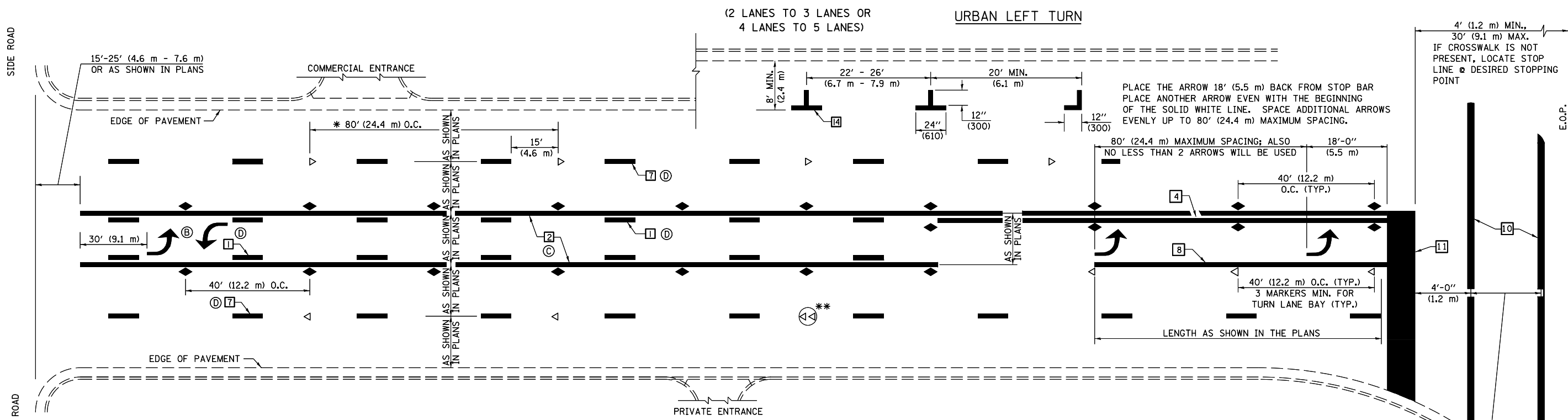
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

SCALE: NTS SHEET NO. 1 OF 4 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 7800AAA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	62-ZBR	MCLEAN	65	59
CONTRACT NO. 70540				
ILLINOIS FED. AID PROJECT				

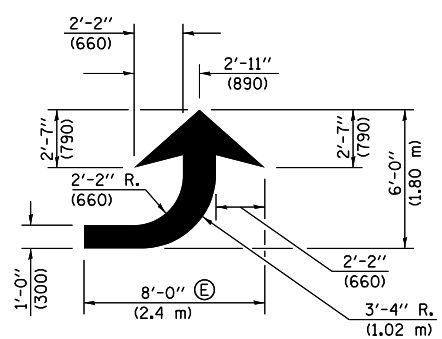


* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

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

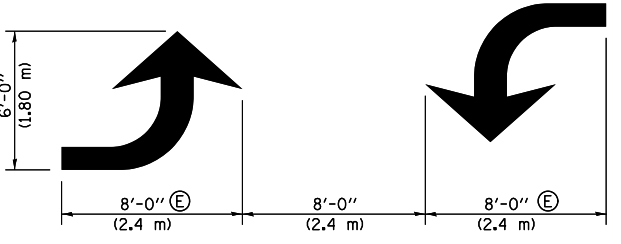
GENERAL NOTES:

- ⓑ 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)



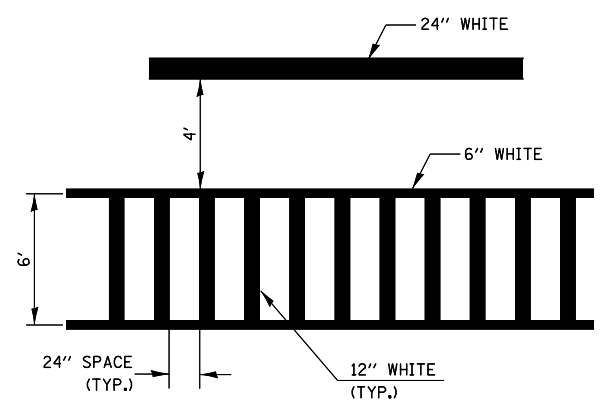
LEFT ARROW

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

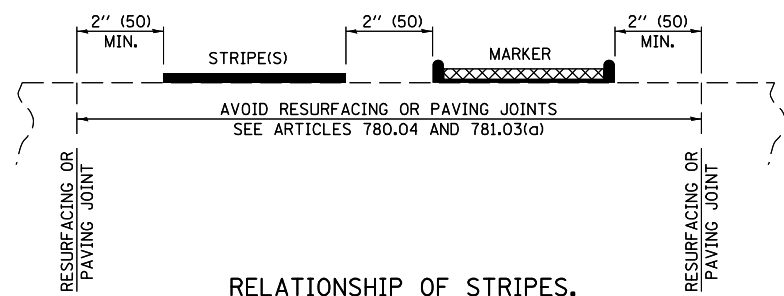


TYPICAL DOUBLE TURN ARROWS (WHITE)

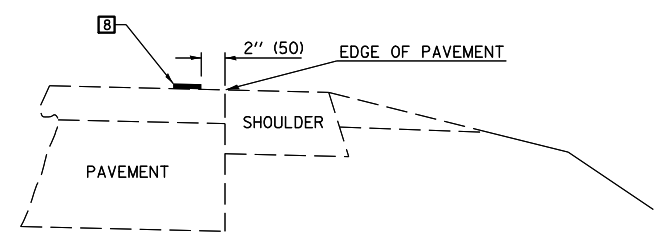
BLOOMINGTON-NORMAL CITY LIMITS ONLY



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.



USER NAME = ceorlockjd	DESIGNED - MRS	REVISED - 11/06
FILE NAME = \$FILES\$	DRAWN - MRS	REVISED - 09/2009 - KJT
PLOT SCALE = 40.0000' / in.	CHECKED - JBMB	REVISED -
PLOT DATE = 8/12/2014	DATE - 1/25/13	REVISED -

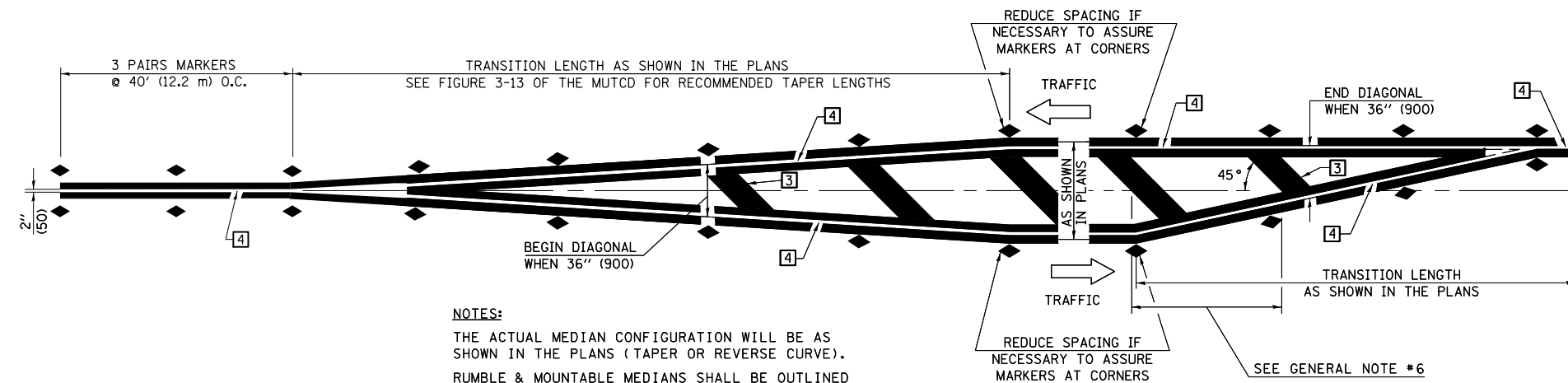
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)

SCALE: NTS SHEET NO. 2 OF 4 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 7800AAA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	62-ZBR	MCLEAN	65	60
CONTRACT NO. 70540				
ILLINOIS FED. AID PROJECT				

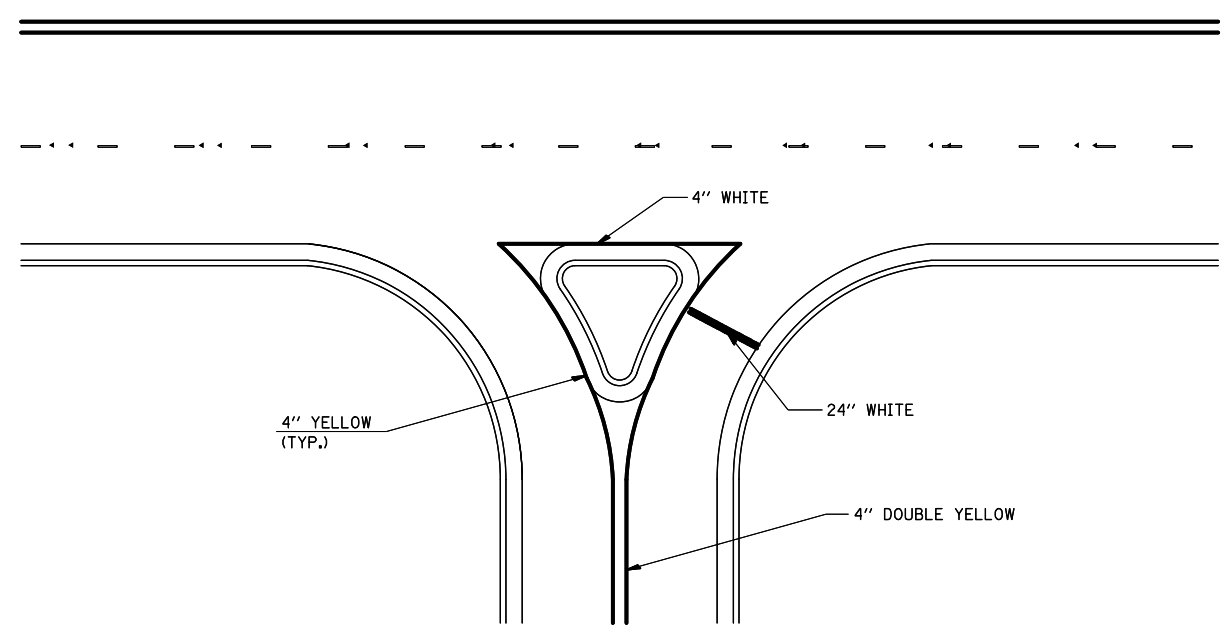


NOTES:
 THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE).
 RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

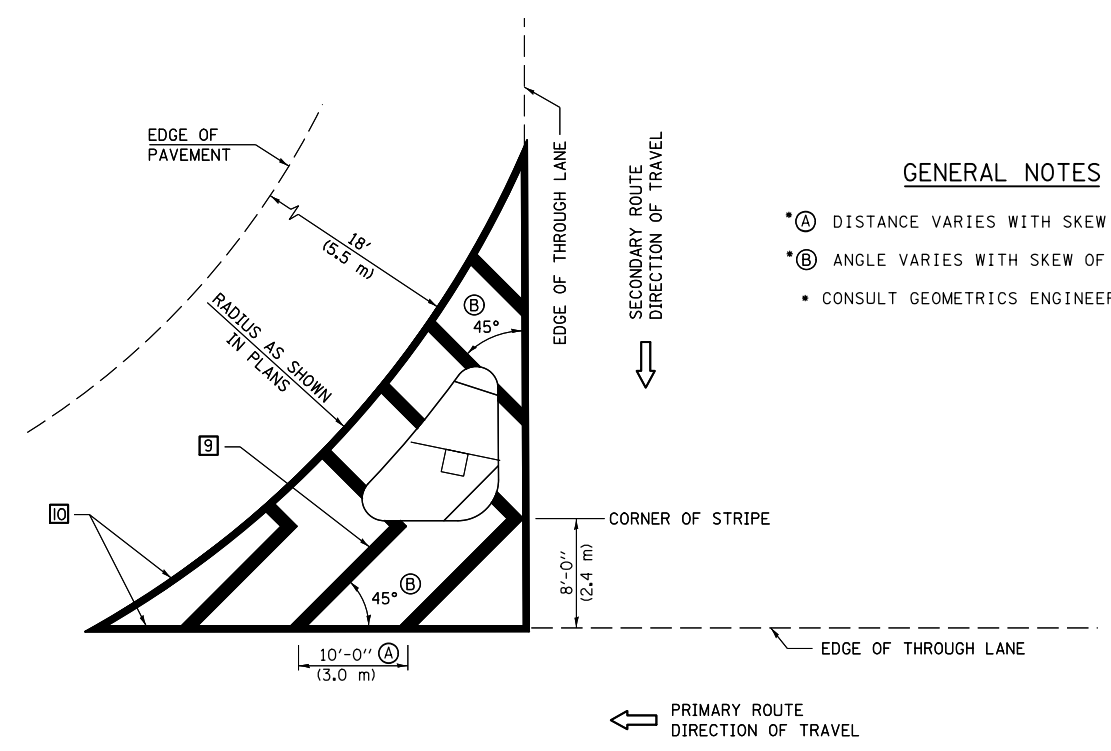
TYPICAL MEDIAN TRANSITIONS

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.



USER NAME = cealockjd	DESIGNED - MRS	REVISED - 11/06
FILE NAME = \$FILES\$	DRAWN - MRS	REVISED - 09/2009 - KJT
PLOT SCALE = 40.0000" / in.	CHECKED - JBMB	REVISED -
PLOT DATE = 8/12/2014	DATE - 1/25/13	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

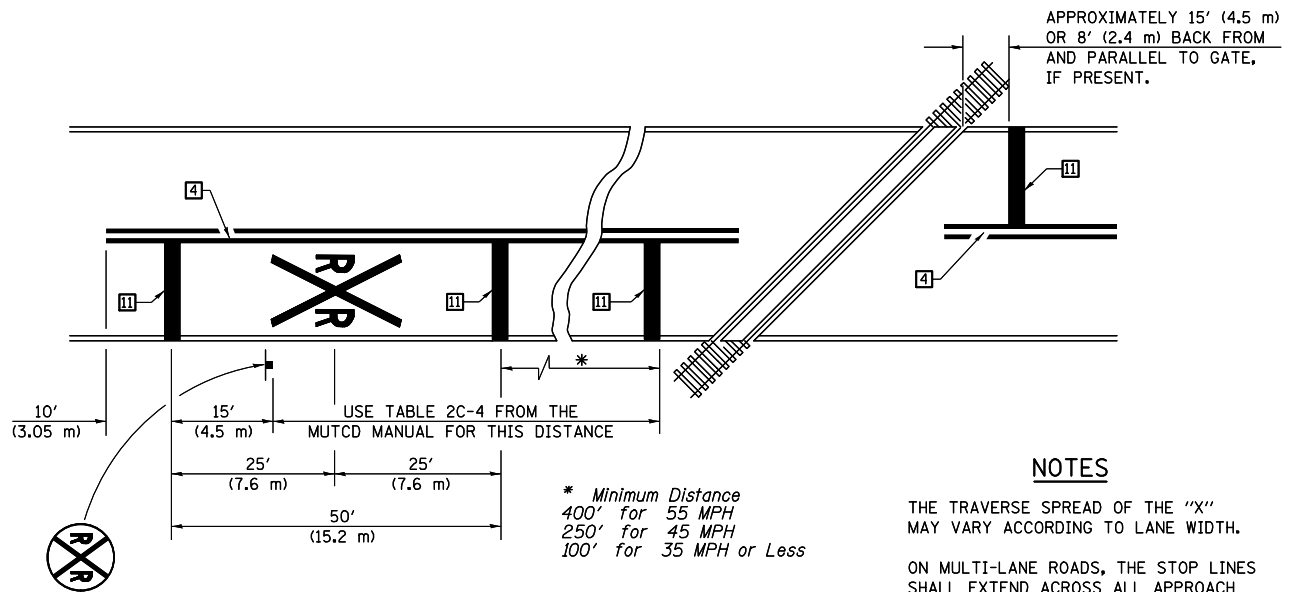
SCALE: NTS SHEET NO. 3 OF 4 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 7800AAA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	62-ZBR	MCLEAN	65	61
CONTRACT NO. 70540				
ILLINOIS FED. AID PROJECT				

RAILROAD CROSSING WITH INTERCONNECT ONLY

RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



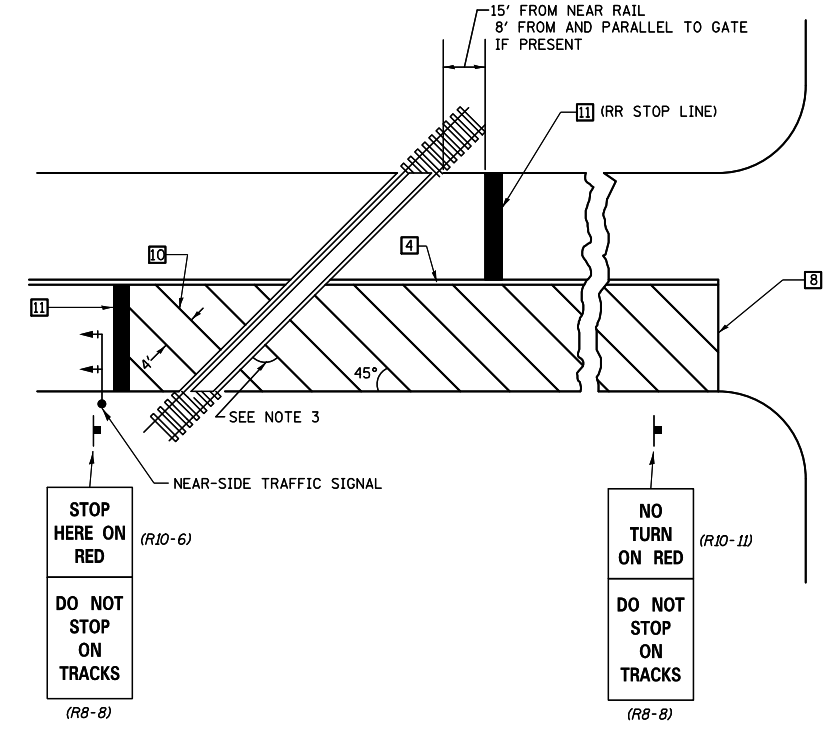
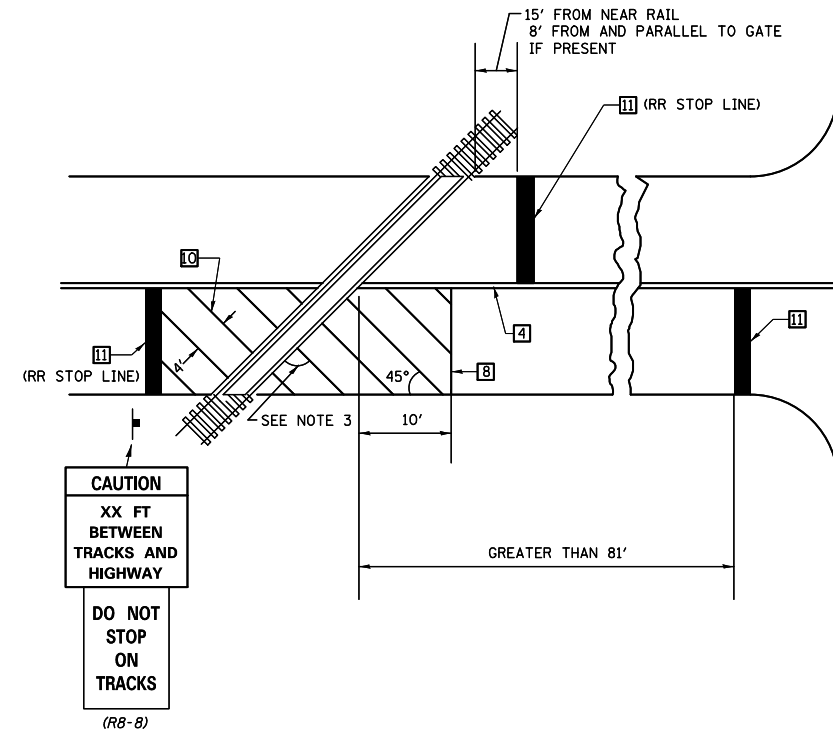
PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

NOTES

THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

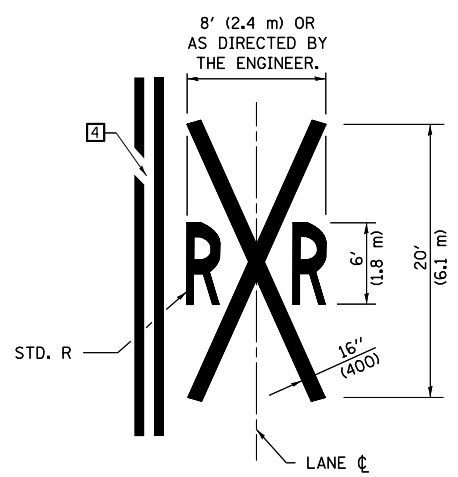
WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.



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.
- WHERE THE ANGLE BETWEEN THE DIAGONAL PAVEMENT MARKINGS AND THE TRACK WOULD BE LESS THAN 20°, THE PAVEMENT MARKINGS SHOULD BE PLACED IN THE OPPOSITE DIRECTION FROM THAT SHOWN.



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



USER NAME = ceorlockjd	DESIGNED - MRS	REVISED - 11/06
FILE NAME = \$FILES\$	DRAWN - MRS	REVISED - 09/2009 - KJT
PLOT SCALE = 40.0000' / in.	CHECKED - JBMB	REVISED -
PLOT DATE = 8/12/2014	DATE - 1/25/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)

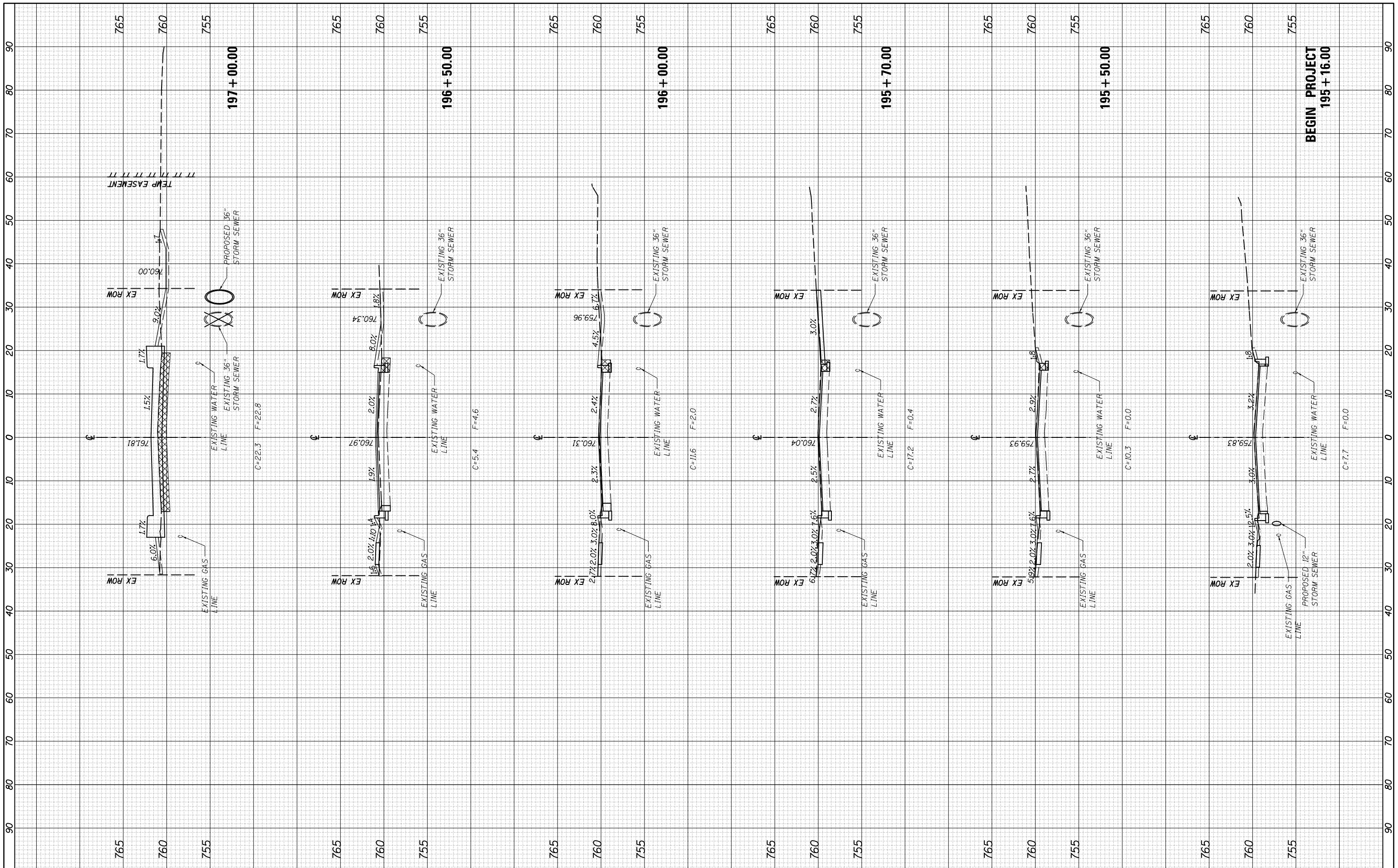
SCALE: NTS SHEET NO. 4 OF 4 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 7800AAAA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	62-ZBR	MCLEAN	65	62
CONTRACT NO. 70540				
ILLINOIS FED. AID PROJECT				

BY	DATE

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	



USER NAME = ceorlockjd
FILE NAME = #FILES#
PLOT SCALE = 20,0000' / in.
PLOT DATE = 8/12/2014

DESIGNED - MRS
DRAWN - MRS
CHECKED - THW
DATE - 1/25/13

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

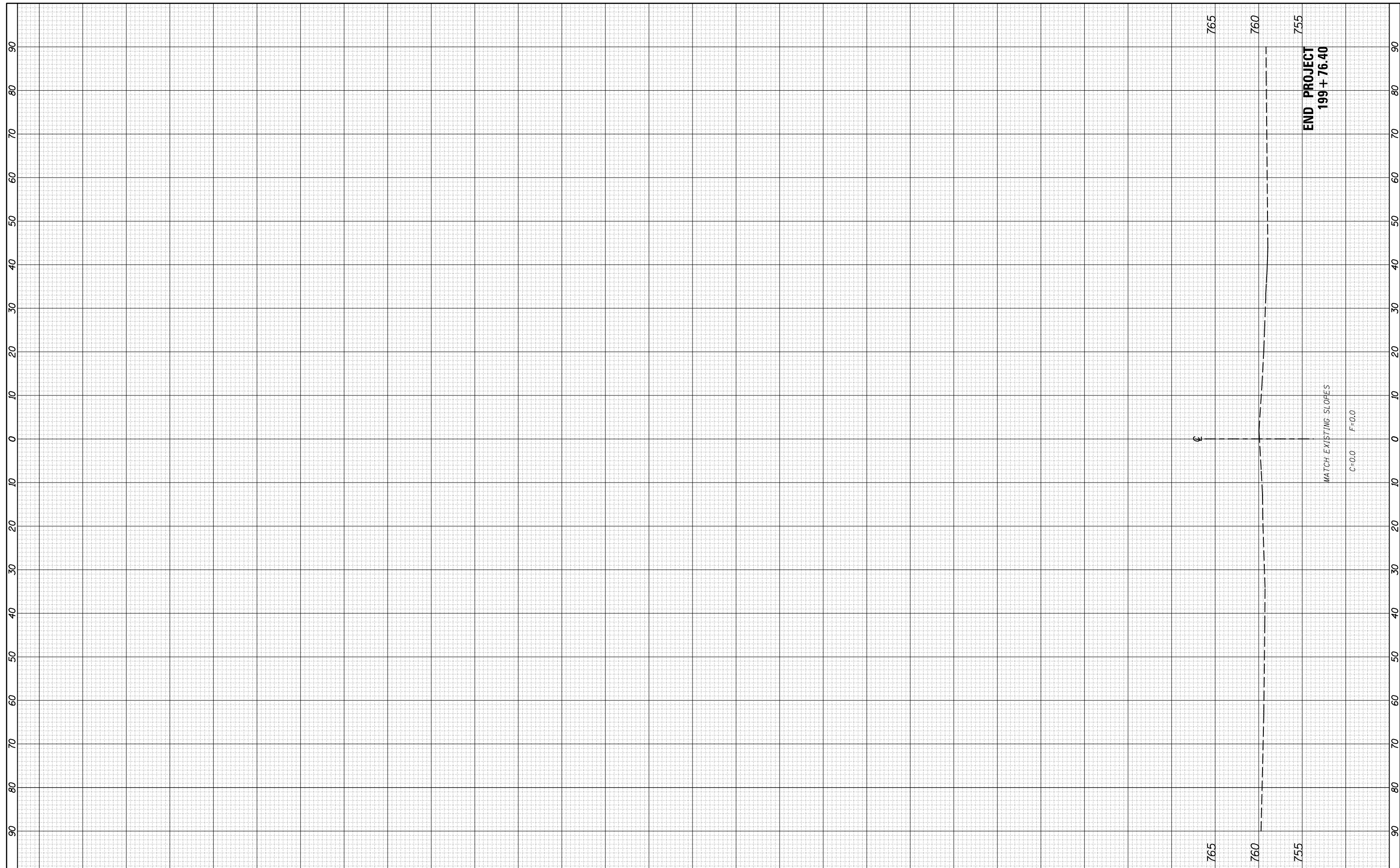
CROSS SECTION SHEETS

SCALE: 1/4" = 10'
1/8" = 5'
SHEET 1 OF 3 SHEETS STA. 195+16.00 TO STA. 197+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	62-ZBR	MCLEAN	65	63
CONTRACT NO. 70540				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE



USER NAME = ceorlockjd
 FILE NAME = \$FILES\$
 PLOT SCALE = 20,0000 ' / in.
 PLOT DATE = 8/12/2014

DESIGNED - MRS
 DRAWN - MRS
 CHECKED - THW
 DATE - 1/25/13

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTION SHEETS

SCALE: $\frac{1 1/2''}{1'}$ = $\frac{10'}{8'}$ SHEET 3 OF 3 SHEETS STA. 199+76.40 TO STA. 199+76.40

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	62-ZBR	MCLEAN	65	65
CONTRACT NO. 70540				
ILLINOIS FED. AID PROJECT				