

FOR INDEX OF SHEETS AND STANDARDS SEE SHEET NO. 2 AND 3

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
**PROPOSED  
HIGHWAY PLANS**

PROJECT LOCATED IN CITY OF CHICAGO

D-91-227-13

DESIGN DESIGNATIONS:	POSTED /DESIGN SPEEDS:
HALSTED STREET 23,000(2040) MINOR ARTERIAL (URBAN)	30 /30 MPH
HARRISON STREET 17,000(2040) COLLECTOR (URBAN)	25 /25 MPH
PEORIA STREET 0(2040) PEDESTRIAN BRIDGE	N/A MPH
SB I-90/94 98,000(2040) INTERSTATE	45 /60 MPH
NB I-90/94 81,000(2040) INTERSTATE	45 /60 MPH
WB I-290 31,000(2040) INTERSTATE	45 /50 MPH
EB I-290 33,000(2040) INTERSTATE	45 /50 MPH
ES RAMP 44,000(2040) INTERSTATE RAMP	40 /40 MPH
NW RAMP 36,000(2040) INTERSTATE RAMP	35 /35 MPH
SW RAMP 23,000(2040) INTERSTATE RAMP	35 /35 MPH
EN RAMP 31,000(2040) INTERSTATE RAMP	30 /30 MPH
NE RAMP 4,000(2040) INTERSTATE RAMP	30 /30 MPH
WS RAMP 8,000(2040) INTERSTATE RAMP	25 /25 MPH
SE RAMP 5,000(2040) INTERSTATE RAMP	25 /25 MPH
NB TAYLOR ENTRANCE 11,000(2040) INTERSTATE RAMP	30 /30 MPH
NB ROOSEVELT ENTRANCE 6,000(2040) INTERSTATE RAMP	30 /30 MPH

FAI ROUTE 9094/290 (I-90/94/290)  
AT I-290 CONGRESS PARKWAY  
(CIRCLE INTERCHANGE) — FLYOVER  
N TO W I-290  
SECTION 2013-010R  
BRIDGE CONSTRUCTION,  
ROADWAY RECONSTRUCTION,  
BRIDGE REMOVAL AND LIGHTING  
PROJECT: ACNHPP-0005 (990)  
COOK COUNTY  
C-91-230-13

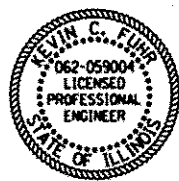


NPDES PERMIT INFORMATION	
NPDES Disturbed	
Area = _____	Acres
Approximate Location of Roadway is :	
Longitude	87° 38' 44.95" W
Latitude	41° 52' 32.06" N

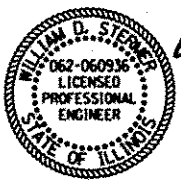
DISTRICT 1 DESIGN /CONSULTANT SERVICES: BRIAN KUTTAB, P.E. (847)705-4431 SCHAUMBURG, ILLINOIS



*Danny B. Manojlovic* 3/28/2014  
DANNY B. MANOJLOVIC DATE  
LICENSE EXPIRES 11/30/2015  
SHEET RANGE



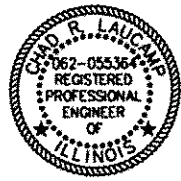
*Kevin C. Fuhr* 3/28/14  
KEVIN C. FUHR DATE  
LICENSE EXPIRES 11/30/2015  
SHEET RANGE



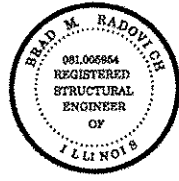
*William D. Stermer* 3/28/2014  
WILLIAM D. STERMER DATE  
LICENSE EXPIRES 11/30/2015  
SHEET RANGE



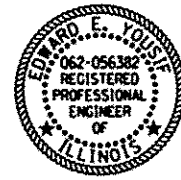
*Amish T. Bhatt* 3/28/14  
AMISH T. BHATT DATE  
LICENSE EXPIRES 11/30/2014  
SHEET RANGE



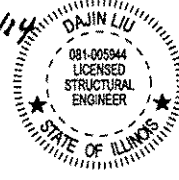
*Chad R. Luciani* 3/28/14  
CHAD R. LUCIANI DATE  
LICENSE EXPIRES 11/30/2015  
SHEET RANGE



*Brad M. Radovich* 3/28/2014  
BRAD M. RADOVICH DATE  
LICENSE EXPIRES 11/30/2014  
SHEET RANGE

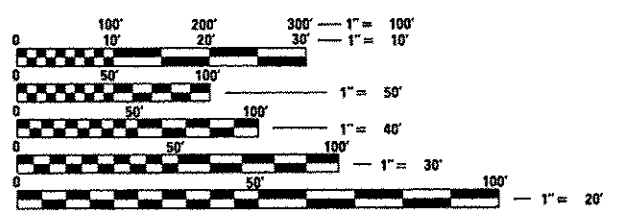


*Edward E. Younis* 3/28/14  
EDWARD E. YOUNIS DATE  
LICENSE EXPIRES 11/30/2015  
SHEET RANGE



*Dajin Liu* 3/28/14  
DAJIN LIU DATE  
LICENSE EXPIRES 11/30/2014  
SHEET RANGE

Design Designation - 35,375(40) Interstate 22.25 (PCC-20)



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.

C.U.A.N.  
CHICAGO UTILITY ALERT NETWORK  
1-312-744-7000

PROJECT ENGINEER: LISA CHRZASC  
PROJECT MANAGER: BRIAN KUTTAB

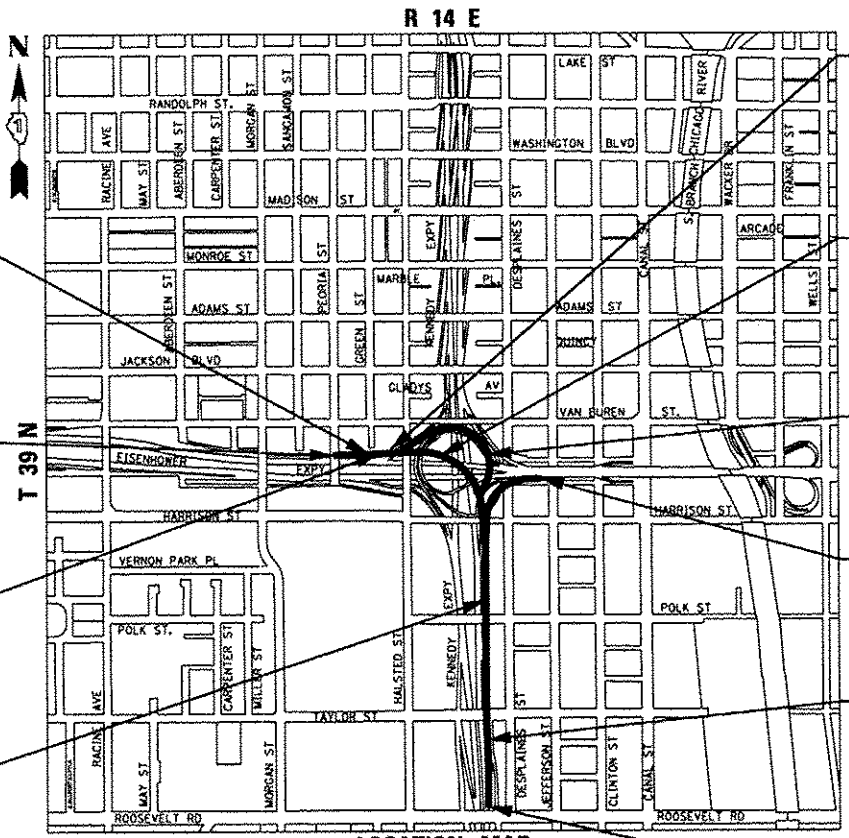
CONTRACT NO. 60W28

RETAINING WALL 3  
SN 016-1722  
STA 1838 + 15.67 TO  
STA 1841 + 50.00

END PROJECT  
LIMIT  
STA 1842 + 02.61

RETAINING WALL 4  
SN 016-1723  
STA 1838 + 23.17 TO  
STA 1841 + 26.23

RETAINING WALL 1  
SN 016-1720  
STA 1813 + 60.00 TO  
STA 1818 + 53.67 (WEST WALL)  
STA 1816 + 00.00 TO  
STA 1818 + 46.17 (EAST WALL)



GROSS LENGTH = 3,927.61 FT (0.744 MILES)  
NET LENGTH = 3,927.61 FT (0.744 MILES)

RETAINING WALL 40  
SN 016-1809  
STA 1322 + 49.13 TO  
STA 1325 + 11.44

RAMP NW FLYOVER  
SN 016-1705  
STA 1818 + 45.67 TO  
STA 1838 + 23.67

RAMP NW  
DEMOLITION  
SN 016-2449

RAMP NE  
DEMOLITION  
SN 016-2451

RETAINING WALL 2  
SN 016-2024  
STA 1808 + 66.41 TO  
STA 1824 + 66.01

BEGIN PROJECT  
LIMIT  
STA 1802 + 75.00



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED *March 20 2014*

*John D. Baranzelli, P.E.*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

*John D. Baranzelli, P.E.*  
ENGINEER OF DESIGN AND ENVIRONMENT

*Osman Osman, P.E.*  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS









90% FED.  
10% STATE  
URBAN

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							HIGHWAY LIGHTING	NOISE WALL	
				ROADWAY	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL			
				0004 URBAN	0008 016-1705	0040 016-1720	0040 016-2024	0040 016-1722	0040 016-1723	0040 016-1809			0021 URBAN
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	203	203									
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	37	37									
20100500	TREE REMOVAL, ACRES	ACRE	0.75	0.75									
20101700	SUPPLEMENTAL WATERING	UNIT	6.3	6.3									
20200100	EARTH EXCAVATION	CU YD	8985	8985									
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	2865	2865									
20400800	FURNISHED EXCAVATION	CU YD	9425	9425									
20700220	POROUS GRANULAR EMBANKMENT	CU YD	767	767									
20800150	TRENCH BACKFILL	CU YD	2716.1	2716.1									
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SO YD	24957	24957									
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	23706	23706									
21301072	EXPLORATION TRENCH 72" DEPTH	FOOT	100	100									
25000210	SEEDING, CLASS 2A	ACRE	5	5									
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1039	1039									

\* DENOTES SPECIALTY ITEM      \*\* DENOTES NON-PARTICIPATING ITEM

FILE PATH: C:\Users\alvarez\Desktop\Prints\Final Sheets\0160W28-sh1-500.dgn



0160W28-sh1-500.dgn  
 USER NAME \* alvarez  
 PLOT SCALE \* 2.0000 / 1"  
 PLOT DATE \* 4/28/2014

DESIGNED - NSA	REVISED -
DRAWN - NSA	REVISED -
CHECKED - AFC	REVISED -
DATE - 04/28/14	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 1 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	5
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	

90% FED.  
10% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE							HIGHWAY LIGHTING 0021 URBAN	NOISE WALL 0040 NONE
				ROADWAY 0004 URBAN	BRIDGE 0008 016-1705	RETAINING WALL 0040 016-1720	RETAINING WALL 0040 016-2024	RETAINING WALL 0040 016-1722	RETAINING WALL 0040 016-1723	RETAINING WALL 0040 016-1809		
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1039	1039								
25100115	MULCH, METHOD 2	ACRE	5	5								
25100135	MULCH, METHOD 4	ACRE	6.25	6.25								
25100630	EROSION CONTROL BLANKET	50 YD	23083	23083								
25200110	SODDING, SALT TOLERANT	50 YD	623	623								
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	996	996								
28000400	PERIMETER EROSION BARRIER	FOOT	10218	10218								
28000510	INLET FILTERS	EACH	125	125								
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	50 YD	24957	24957								
30300124	AGGREGATE SUBGRADE IMPROVEMENT 24"	50 YD	3565	3565								
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	50 YD	4221	4221								
31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	50 YD	412	412								
31102100	SUBBASE GRANULAR MATERIAL, TYPE C 4"	50 YD	4365	4365								
31200500	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"	50 YD	9174	9174								

\* DENOTES SPECIALTY ITEM      \*\* DENOTES NON-PARTICIPATING ITEM

FILE PATH: C:\Users\alicedahn\OneDrive\Prints\Final Sheets\0168428-441-500.dgn



0168428-441-500.dgn  
 USER NAME \* alicedahn  
 PLOT SCALE \* 2.0000" / 1"  
 PLOT DATE \* 4/28/2014

DESIGNED - NSA      REVISED -  
 DRAWN - NSA      REVISED -  
 CHECKED - AFC      REVISED -  
 DATE - 04/28/14      REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES  
 SCALE:      SHEET 2 OF 24 SHEETS      STA.      TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	6
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	

90% FED.  
10% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE							HIGHWAY LIGHTING	NOISE WALL	
				ROADWAY	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL			
				0004	0008	0040	0040	0040	0040	0040			
				URBAN	016-1705	016-1720	016-Z024	016-1722	016-1723	016-1809	0021	0040	
35300400	PORTLAND CEMENT CONCRETE BASE COURSE 9"	SO YD	412			412							
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	250			250							
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	234			234							
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	256			256							
40603595	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	TON	143			143							
42000501	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SO YD	755			755							
42000511	PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" (JOINTED)	SO YD	6014			6014							
42001200	PAVEMENT FABRIC	SO YD	412			412							
42001300	PROTECTIVE COAT	SO YD	17090			17090							
42001420	BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)	SO YD	425			425							
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SO YD	35			35							
44000100	PAVEMENT REMOVAL	SO YD	17598			17598							
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SO YD	1743			1743							
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1382			1382							

\* DENOTES SPECIALTY ITEM

\*\* DENOTES NON-PARTICIPATING ITEM



D:\60428\60428.dgn	DESIGNED - NSA	REVISED -
USER NAME - alizadeh	DRAWN - NSA	REVISED -
PLOT SCALE - 2,000' / 1" =	CHECKED - AFC	REVISED -
PLOT DATE - 4/28/14	DATE - 04/28/14	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE:	SHEET 3	OF 24	SHEETS	STA.	TO STA.	F.A.I. RTE. 90/94/290	SECTION 2013-010R	COUNTY COOK	TOTAL SHEETS 747	SHEET NO. 7
ILLINOIS FED. AID PROJECT CONTRACT NO. 60W28										

FILE PATH: C:\Users\alideh\Documents\Projects\60428\Sheet1.DWG

90% FED.  
10% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE							HIGHWAY LIGHTING	NOISE WALL	
				ROADWAY	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL			
				0004 URBAN	0008 016-1705	0040 016-1720	0040 016-2024	0040 016-1722	0040 016-1723	0040 016-1809			0021 URBAN
44001980	CONCRETE BARRIER REMOVAL	FOOT	8644	8644									
44004250	PAVED SHOULDER REMOVAL	SO YD	5603	5603									
44200614	CLASS A PATCHES, TYPE IV, 13 INCH	SO YD	294	294									
44201377	CLASS C PATCHES, TYPE II, 12 INCH	SO YD	20	20									
44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SO YD	236	236									
44213000	PATCHING REINFORCEMENT	SO YD	294	294									
44213200	SAW CUTS	FOOT	855	855									
44213204	TIE BARS 3/4"	EACH	186	186									
48300500	PORTLAND CEMENT CONCRETE SHOULDERS 10"	SO YD	1400	1400									
48300510	PORTLAND CEMENT CONCRETE SHOULDERS 10 1/2"	SO YD	2165	2165									
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1		1								
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1		1								
50100500	REMOVAL OF EXISTING STRUCTURES NO. 3	EACH	1	1									
50102400	CONCRETE REMOVAL	CU YD	54			53	1						

\* DENOTES SPECIALTY ITEM

\*\* DENOTES NON-PARTICIPATING ITEM

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0160W28-01-500.dgn  
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 PLOT SCALE: 2.0000' / 1" /  
 PLOT DATE: 4/28/2014

DESIGNED - NSA	REVISED -
DRAWN - NSA	REVISED -
CHECKED - AFC	REVISED -
DATE - 04/28/14	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 4 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	8
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	



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CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE										
				ROADWAY	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	HIGHWAY LIGHTING	NOISE WALL		
				0004 URBAN	0008 016-1705	0040 016-1720	0040 016-2024	0040 016-1722	0040 016-1723	0040 016-1809	0021 URBAN	0040 NONE		
50157300	PROTECTIVE SHIELD	SO YD	2654		2654									
50200100	STRUCTURE EXCAVATION	CU YD	3354		263	1108		870	101	1012				
50300225	CONCRETE STRUCTURES	CU YD	2857		2646				211					
50300254	RUBBED FINISH	SO FT	14,936		14,936									
50300255	CONCRETE SUPERSTRUCTURE	CU YD	4025.1		3172	402		245	55	151.1				
X5030260	BRIDGE DECK GROOVING (SPECIAL)	SO YD	9304		9202	44		29	29					
50300285	FORM LINER TEXTURED SURFACE	SO FT	8844		8844									
50300300	PROTECTIVE COAT	SO YD	13701		11869	960		590	130	152				
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1		1									
50500505	STUD SHEAR CONNECTORS	EACH	38821		38436				385					
50800105	REINFORCEMENT BARS	POUND	707,240		707,240									
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	1,809,745	8225	1,619,620	60520		35800	68860	16720				
50800515	BAR SPLICERS	EACH	78		78									
50800530	MECHANICAL SPLICERS	EACH	724		724									

\* DENOTES SPECIALTY ITEM

\*\* DENOTES NON-PARTICIPATING ITEM



DIGW28-ent-500.dgn  
 USER NAME \* alizadehn  
 PLOT SCALE \* 2.0000' / 1" =  
 PLOT DATE \* 4/28/2014

DESIGNED - NSA  
 DRAWN - NSA  
 CHECKED - AFC  
 DATE - 04/28/14

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 5 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	9
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W28	

Rev.

FILE PATH: C:\Users\alidehn\Documents\Projects\60W28\ent-500.dgn

90% FED.  
10% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE							HIGHWAY LIGHTING	NOISE WALL
				ROADWAY	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL		
				0004 URBAN	0008 016-1705	0040 016-1720	0040 016-Z024	0040 016-1722	0040 016-1723	0040 016-1809		
51100100	SLOPE WALL 4 INCH	50 YD	48			39		9				
51201710	FURNISHING STEEL PILES HP12X84	FOOT	2967		2967							
51500100	NAME PLATES	EACH	5		1	1		1	1	1		
51602000	PERMANENT CASING	FOOT	178		178							
*51603000	DRILLED SHAFT IN SOIL	CU YD	2708		2708							
*51604000	DRILLED SHAFT IN ROCK	CU YD	74		74							
52000110	PREFORMED JOINT STRIP SEAL	FOOT	76		76							
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	18		18							
52100020	ELASTOMERIC BEARING ASSEMBLY, TYPE II	EACH	6		6							
52100510	ANCHOR BOLTS, 3/4"	EACH	72		72							
52100520	ANCHOR BOLTS, 1"	EACH	192		192							
52100530	ANCHOR BOLTS, 1 1/4"	EACH	168		168							
52100540	ANCHOR BOLTS, 1 1/2"	EACH	24		24							
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	157	157								

19 DENOTES SPECIALTY ITEM

DENOTES NON-PARTICIPATING ITEM

Rev.



0160W2B-shr-500.dgn  
 USER NAME = alizeadahn  
 PLOT SCALE = 2,000.00' / in.  
 PLOT DATE = 4/28/2014

DESIGNED - NSA  
 DRAWN - NSA  
 CHECKED - AFC  
 DATE - 04/28/14

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 6 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	10
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	

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90% FED.  
10% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE							HIGHWAY LIGHTING	NOISE WALL	
				ROADWAY	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL			
				0004 URBAN	0008 016-1705	0040 016-1720	0040 016-2024	0040 016-1722	0040 016-1723	0040 016-1809			
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	46	46									
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	2718	2718									
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	24	24									
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	183	183									
550A0640	STORM SEWERS, CLASS A, TYPE 3 12"	FOOT	124	124									
550A0660	STORM SEWERS, CLASS A, TYPE 3 15"	FOOT	248	248									
550A0680	STORM SEWERS, CLASS A, TYPE 3 18"	FOOT	87	87									
550A0940	STORM SEWERS, CLASS A, TYPE 4 12"	FOOT	78	78									
550A1400	STORM SEWERS, CLASS A, TYPE 5 78"	FOOT	231	231									
55100400	STORM SEWER REMOVAL 10"	FOOT	89	89									
55100500	STORM SEWER REMOVAL 12"	FOOT	683	683									
55100900	STORM SEWER REMOVAL 18"	FOOT	327	327									
55101100	STORM SEWER REMOVAL 21"	FOOT	12	12									
55101200	STORM SEWER REMOVAL 24"	FOOT	31	31									

\* DENOTES SPECIALTY ITEM

\*\* DENOTES NON-PARTICIPATING ITEM

FILE PATH: C:\Users\alr\Documents\Projects\2013\1016228-11-500.dgn



D:\B\28-11-500.dgn	DESIGNED - NSA	REVISED -
USER NAME * alr	DRAWN - NSA	REVISED -
PLOT SCALE * 2,000 1" = 100'	CHECKED - AFC	REVISED -
PLOT DATE * 4/28/2014	DATE - 04/28/14	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE:	SHEET 7	OF 24 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	11
CONTRACT NO. 6QW28			ILLINOIS FED. AID PROJECT	

90% FED,  
10% STATE  
URBAN

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							HIGHWAY LIGHTING	NOISE WALL
				ROADWAY	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL		
				0004	0008	0040	0040	0040	0040	0040	0021	0040
				URBAN	016-1705	016-1720	016-Z024	016-1722	016-1723	016-1809	URBAN	NONE
55101400	STORM SEWER REMOVAL 30"	FOOT	272	272								
56103900	DUCTILE IRON WATER MAIN, MECHANICAL JOINT 8"	FOOT	11	11								
56104200	DUCTILE IRON WATER MAIN, MECHANICAL JOINT 16"	FOOT	190	190								
56105000	WATER VALVES 8"	EACH	1	1								
56105310	WATER MAIN CONTROL VALVE-16 INCH	EACH	2	2								
56400600	FIRE HYDRANTS	EACH	1	1								
58700300	CONCRETE SEALER	SQ FT	36,816		30,394				6422			
59000200	EPOXY CRACK INJECTION	FOOT	92				92					
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	73						73			
60107700	PIPE UNDERDRAINS 6"	FOOT	991	991								
60108200	PIPE UNDERDRAINS 6" (SPECIAL)	FOOT	90	90								
60200105	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	4	4								
60200205	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	15	15								
60200805	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 8 GRATE	EACH	8	8								

\* DENOTES SPECIALTY ITEM

\*\* DENOTES NON-PARTICIPATING ITEM



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 USER NAME = alizadehn  
 PLOT SCALE = 2,0000 1/1 in  
 PLOT DATE = 4/28/2014

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 CHECKED - AFC  
 DATE - 04/28/14

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 8 OF 24 SHEETS STA. TO STA.

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	12
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	

Rev.

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90% FED.  
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CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE														
				ROADWAY 0004	BRIDGE 0008	RETAINING WALL 0040	RETAINING WALL 0040	RETAINING WALL 0040	RETAINING WALL 0040	RETAINING WALL 0040	HIGHWAY LIGHTING 0021							
				URBAN	016-1705	016-1720	016-2024	016-1722	016-1723	016-1809	URBAN							
60201310	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 20 FRAME AND GRATE	EACH	27	27														
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	4	4														
60218400	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	19	19														
60221100	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2														
60223800	MANHOLES, TYPE A, 6' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1														
60224469	MANHOLES, TYPE A, 9' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2														
60237420	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	EACH	1	1														
60250200	CATCH BASINS TO BE ADJUSTED	EACH	10	10														
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	2	2														
60255500	MANHOLES TO BE ADJUSTED	EACH	9	9														
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	1	1														
60500040	REMOVING MANHOLES	EACH	11	11														
60500050	REMOVING CATCH BASINS	EACH	29	29														
60500060	REMOVING INLETS	EACH	11	11														

\* DENOTES SPECIALTY ITEM      \*\* DENOTES NON-PARTICIPATING ITEM

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 USER NAME \* elizedeh  
 PLOT SCALE \* 2.0000 "/>

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 DATE - 04/28/14

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 9 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	13
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W28	

90% FED.  
10% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE							HIGHWAY LIGHTING	NOISE WALL
				ROADWAY	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL		
				0004	0008	0040	0040	0040	0040	0040		
				URBAN	016-1705	016-1720	016-Z024	016-1722	016-1723	016-1809	0021	0040
											URBAN	NONE
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6, 24	FOOT	118									
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SO FT	8186									
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	50									
63200310	GUARDRAIL REMOVAL	FOOT	51									
63700175	CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT	FOOT	3274									
63700275	CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT	FOOT	186									
63700805	CONCRETE BARRIER TRANSITION	FOOT	347									
63700900	CONCRETE BARRIER BASE	FOOT	3851									
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	2862									
64300240	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	2									
64300260	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2									
66400305	CHAIN LINK FENCE, 6'	FOOT	456									
66402900	CHAIN LINK GATES, 6' X 6' SINGLE	EACH	1									
66407600	CHAIN LINK GATES, 6' X 12' DOUBLE	EACH	4									

\* DENOTES SPECIALTY ITEM

\*\* DENOTES NON-PARTICIPATING ITEM



0160W28-sh-500.dgn	DESIGNED - NSA	REVISED -
USER NAME - alizadeh	DRAWN - NSA	REVISED -
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PLOT DATE - 4/28/2014	DATE - 04/28/14	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 10 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-Q10R	COOK	747	14
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	

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CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE							HIGHWAY LIGHTING	NOISE WALL	
				ROADWAY	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL			
				0004	0008	0040	0040	0040	0040	0040			
				URBAN	016-1705	016-1720	016-Z024	016-1722	016-1723	016-1809	URBAN	NONE	
66900200	NON-SPECIAL WASTE DISPOSAL	CU-YD											
66900205	SPECIAL WASTE DISPOSAL	CU-YD											
66900450	SPECIAL WASTE PLANS AND REPORTS	L-SUM											
66900530	SOIL DISPOSAL ANALYSIS	EACH											
67100100	MOBILIZATION	L-SUM	1	1									
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL-DA	675	675									
70300100	SHORT TERM PAVEMENT MARKING	FOOT	114738	114738									
70300560	PAVEMENT MARKING TAPE, TYPE III 12"	FOOT	469	469									
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	50 FT	25048	25048									
70400100	TEMPORARY CONCRETE BARRIER	FOOT	7476	7476									
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	9199	9199									
70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	17	17									
70600332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	27	27									
* 72000200	SIGN PANEL - TYPE 2	50 FT	56	56									

\* DENOTES SPECIALTY ITEM

\*\* DENOTES NON-PARTICIPATING ITEM

FILE PATH: C:\Users\jld\Documents\Projects\A10\A10\_Sheet11\B28-A10-S00.dgn



016W28-A10-S00.dgn  
 USER NAME: jld  
 PLOT SCALE: 2.0000 / 1 in.  
 PLOT DATE: 4/28/2014

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 DATE - 04/28/14

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 11 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2D13-010R	COOK	747	15
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	

90% FED.  
10% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE							HIGHWAY LIGHTING	NOISE WALL	
				ROADWAY	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL			
				0004	0008	0040	0040	0040	0040	0040			
				URBAN	016-1705	016-1720	016-Z024	016-1722	016-1723	016-1809	0021	0040	
											URBAN	NONE	
* 72000300	SIGN PANEL - TYPE 3	SQ FT	384.5			384.5							
* 72100100	SIGN PANEL OVERLAY	SQ FT	273			273							
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	1			1							
* 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	3			3							
* 72400730	RELOCATE SIGN PANEL - TYPE 3	SQ FT	330			330							
* 73000100	WOOD SIGN SUPPORT	FOOT	58			58							
* 73300100	OVERHEAD SIGN STRUCTURE - SPAN, TYPE I-A (4'-0" X 4'-6")	FOOT	57			57							
* 73304000	OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	FOOT	17			17							
* 73600100	REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	1			1							
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	1541			1541							
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	719			719							
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	554			554							
* 78005100	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	39			39							
* 78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	39127			39127							

\* DENOTES SPECIALTY ITEM

\*\* DENOTES NON-PARTICIPATING ITEM



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 USER NAME: alexadahn  
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 PLOT DATE: 4/28/2014

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 12 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	16
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	

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10% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							HIGHWAY LIGHTING	NOISE WALL		
				ROADWAY	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL				
				0004 URBAN	0008 016-1705	0040 016-1720	0040 016-Z024	0040 016-1722	0040 016-1723	0040 016-1809			0021 URBAN	0040 NONE
* 78005120	EPOXY PAVEMENT MARKING - LINE 5"	FOOT	6166	6166										
* 78005130	EPOXY PAVEMENT MARKING - LINE 6"	FOOT	253	253										
* 78005140	EPOXY PAVEMENT MARKING - LINE 8"	FOOT	8867	8867										
* 78005150	EPOXY PAVEMENT MARKING - LINE 12"	FOOT	2485	2485										
* 78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SO FT	25	25										
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	4604	4604										
* 78008220	POLYUREA PAVEMENT MARKING TYPE I - LINE 5"	FOOT	2180	2180										
* 78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	6565	6565										
* 78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	320	320										
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	530	530										
* 78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	227	227										
* 78200530	BARRIER WALL MARKERS, TYPE C	EACH	308	308										
78300100	PAVEMENT MARKING REMOVAL	SO FT	50318	50318										
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1089	1089										

\* DENOTES SPECIALTY ITEM      \*\* DENOTES NON-PARTICIPATING ITEM

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 USER NAME = ahizeah  
 PLOT SCALE = 2.0000' / in.  
 PLOT DATE = 4/28/2014

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DATE -	04/28/14	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET 13 OF 24 SHEETS STA. TO STA.

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	17
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W28	

90% FED.  
10% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							HIGHWAY LIGHTING	NOISE WALL
				ROADWAY	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL		
				0004	0008	0040	0040	0040	0040	0040		
				URBAN	016-1705	016-1720	016-Z024	016-1722	016-1723	016-1809	0021	0040
											URBAN	NONE
* 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	616								616	
* 81100605	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., PVC COATED GALVANIZED STEEL	FOOT	230								230	
* 81100805	CONDUIT ATTACHED TO STRUCTURE, 3" DIA., PVC COATED GALVANIZED STEEL	FOOT	20								20	
* 81200230	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	18730		8086						10644	
* 81300410	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 10" X 8" X 4"	EACH	4								4	
* 81300530	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"	EACH	1								1	
* 81300830	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 18" X 8"	EACH	1								1	
* 81300910	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 20" X 20" X 6"	EACH	8								8	
* 81301500	JUNCTION BOX, STAINLESS STEEL, EMBEDDED IN STRUCTURE, 28" X 12" X 6"	EACH	15								15	
* 81400100	HANDHOLE	EACH	5								5	
* 81400200	HEAVY-DUTY HANDHOLE	EACH	6								6	
* 81603050	UNIT DUCT, 600V, 3-1C NO. 6, 1/C NO. 8 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	265								265	
* 81603070	UNIT DUCT, 600V, 2-1C NO. 2, 1/C NO. 4 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	550								550	
* 81603081	UNIT DUCT, 600V, 3-1C NO. 2, 1/C NO. 4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	2490								2490	

\* DENOTES SPECIALTY ITEM

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES	
SCALE:	SHEET 14 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	147	18
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				



90% FED.  
10% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							HIGHWAY LIGHTING	NOISE WALL
				ROADWAY	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL		
				0004 URBAN	0008 016-1705	0040 016-1720	0040 016-2024	0040 016-1722	0040 016-1723	0040 016-1809		
Z0004552	APPROACH SLAB REMOVAL	SO YD	262	262								
* Z0007118	UNTREATED TIMBER LAGGING	SO FT	1000					1000				
* Z0010614	CLEANING EXISTING MANHOLE OR HANDHOLE	EACH	2							2		
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SO FT	25				25					
Z0012755	STRUCTURAL REPAIR OF CONCRETE (DEPTH GREATER THAN 5 INCHES)	SO FT	11				11					
Z0013797	STABILIZED CONSTRUCTION ENTRANCE	SO YD	400	400								
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1								
Z0018002	DRAINAGE SCUPPERS, DS-11	EACH	20		20							
Z0018800	DRAINAGE SYSTEM	L SUM	1		1							
Z0022800	FENCE REMOVAL	FOOT	2181	580			1601					
Z0026404	FURNISHING SOLDIER PILES (W SECTION)	FOOT	2016					2016				
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	1042	1042								
* Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	5							5		
* Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	22							22		

\* DENOTES SPECIALTY ITEM

\*\* DENOTES NON-PARTICIPATING ITEM (100% STATE)



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PLOT DATE = 4/28/2014	DATE - 04/28/14	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 16 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	20
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	

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10% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	LIRBAN TOTAL QUANTITY	CONSTRUCTION CODE							HIGHWAY LIGHTING	NOISE WALL
				ROADWAY	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL		
				0004 URBAN	0008 016-1705	0040 016-1720	0040 016-2024	0040 016-1722	0040 016-1723	0040 016-1809		
Z0034212	MECHANICALLY STABILIZED EARTH RETAINING WALL, SPECIAL	SO FT	18969			8279		6512	430	3748		
Z0034806	MODULAR EXPANSION JOINT-SWIVEL 6"	FOOT	224		224							
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	157						157			
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1								
Z0056648	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	FOOT	95	95								
Z0062456	TEMPORARY PAVEMENT	SO YD	4221	4221								
*Z0065000	SETTING PILES IN ROCK	EACH	31		31							
Z0068200	STEEL CASINGS 30"	FOOT	76	76								
Z0073002	TEMPORARY SOIL RETENTION SYSTEM	SO FT	1662		872					790		
Z0076600	TRAINEES	HOOR	0									
X0301423	NOISE ABATEMENT WALL, GROUND MOUNTED	SO FT	6802									6802
*X0322433	LIGHT TOWER, SERVICE PAD	EACH	2								2	
*X0322441	DIGITAL LOOP DETECTOR SENSOR UNIT (4 CHANNEL)	EACH	2								2	
*X0322442	PHONE EQUIPMENT - 3 FREQUENCY RECEIVER PROGRAMMABLE	EACH	7								7	

\* DENOTES SPECIALTY ITEM      \*\* DENOTES NON-PARTICIPATING ITEM

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0160w28-ah1-500.dgn  
 USER NAME \* alicedehn  
 PLOT SCALE \* 2.0000' / 1" =  
 PLOT DATE \* 4/28/2014

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 DATE - 04/28/14      REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 17 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	21
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W28	

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10% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE							HIGHWAY LIGHTING	NOISE WALL	
				ROADWAY	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL			
				0004 URBAN	0008 016-1705	0040 016-1720	0040 016-Z024	0040 016-1722	0040 016-1723	0040 016-1809			0021 URBAN
* X0322443	TONE EQUIPMENT - 3 FREQUENCY TRANSMITTER PROGRAMMABLE	EACH	7									7	
* X0322444	TONE EQUIPMENT - POWER SUPPLY	EACH	1									1	
* X0322445	TONE EQUIPMENT - MOUNTING FRAME	EACH	1									1	
X0324013	NOISE ABATEMENT WALL, STRUCTURE MOUNTED	SO FT	1456										1456
* X0324181	DISCONNECT SIGN LIGHTING AND REMOVE WIRING TO NEAREST SPLICE	EACH	2									2	
X0324345	COMBINED SEWER REMOVAL 24"	FOOT	117	117									
X0324455	DRILLING AND SETTING SOLDIER PILES ( IN SOIL)	CU FT	25,533						25,533				
X0325003	REMOVE EXISTING VALVE AND VAULT	EACH	3	3									
X0325087	VIDEO TAPING OF MAIN DRAIN	FOOT	7320	7320									
* X0325095	MAIN DRAIN CLEANING	FOOT	2740	2740									
* X0325207	TELEVISION INSPECTION OF SEWER	FOOT	1180	1180									
X0325318	LIGHTWEIGHT CELLULAR CONCRETE FILL	CU YD	17441			9460		5902	136	1943			
X0325349	TEMPORARY CONCRETE BARRIER ( TO REMAIN PERMANENTLY)	FOOT	962.5	962.5									
* X0325815	REMOVE EXISTING CABLE	FOOT	160									160	

\* DENOTES SPECIALTY ITEM      \*\* DENOTES NON-PARTICIPATING ITEM

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES	
SCALE:	SHEET 18 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	21A
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				

Rev.

90% FED.  
10% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE							HIGHWAY LIGHTING	NOISE WALL	
				ROADWAY	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL			
				0004	0008	0040	0040	0040	0040	0040			
				URBAN	016-1705	016-1720	016-2024	016-1722	016-1723	016-1809	0021	0040	
											URBAN	NONE	
* X0326148	TEMPORARY WOOD POLE, 60 FT., CLASS 4, 15FT, MAST ARM	EACH	5									5	
* X0326935	CROSSHOLE SONIC LOGGING	EACH	13		13								
X0327117	ATMS SYSTEM INTEGRATION	L SUM	1									1	
X0327124	PRECAST CONCRETE RISER	EACH	2	2									
X0327139	AGGREGATE COLUMN GROUND IMPROVEMENT	L SUM	1			0.58		0.32			0.1		
X0327357	CONSTRUCTION VIBRATION MONITORING	L SUM	1		1								
X0327374	REMOVAL OF TEMPORARY SOIL RETENTION SYSTEM	SQ FT	555								555		
X0327614	COMBINED SEWER REMOVAL 12"	FOOT	26	26									
X0327615	COMBINED SEWER REMOVAL 8"	FOOT	36	36									
* X0327616	MAINTAINING ITS DURING CONSTRUCTION	CAL MO	22									22	
X0327682	CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT ENGINEERING SERVICES	L SUM	1	1									
X0370070	COMBINED SEWER, (WATER MAIN REQUIREMENTS), 8 INCH CDOT	FOOT	55	55									
X0370072	COMBINED SEWER, (WATER MAIN REQUIREMENTS), 24 INCH CDOT	FOOT	23	23									
X0370080	COMBINATION CURB AND CUTTER TYPE B V. 12 (CDOT)	FOOT	207	207									

\* DENOTES SPECIALTY ITEM

\*\* DENOTES NON-PARTICIPATING ITEM

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 PLOT DATE = 4/28/2014

DESIGNED - NSA  
 DRAWN - NSA  
 CHECKED - AFC  
 DATE - 04/28/14

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 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 19 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	218
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	

90% FED.  
10% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE									
				ROADWAY	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	HIGHWAY LIGHTING	NOISE WALL	
				0004	0008	0040	0040	0040	0040	0040	0021	0040	
				URBAN	016-1705	016-1720	016-2024	016-1722	016-1723	016-1809	URBAN	NONE	
X0370164	MANHOLES TYPE A, 4' DIA., TYPE 1 FRAME, CLOSED LID (CITY OF CHICAGO)	EACH	2	2									
X2020410	EARTH EXCAVATION (SPECIAL)	CU YD	76		76								
X2020502	BRACED EXCAVATION	CU YD	1939	710	1229								
X4060110	BITUMINOUS MATERIALS (PRIME COAT)	POUND	7430	7430									
X4402020	CONCRETE MEDIAN SURFACE REMOVAL	SQ FT	4174	4174									
X5012502	CONCRETE REMOVAL (SPECIAL)	CU YD	15	15									
X5210110	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 200K	EACH	18		18								
X5210120	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 250K	EACH	21		21								
X5210130	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 300K	EACH	12		12								
X5210150	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 400K	EACH	6		6								
X5210340	HIGH LOAD MULTI-ROTATIONAL BEARINGS, FIXED - 500K	EACH	6		6								
X5210350	HIGH LOAD MULTI-ROTATIONAL BEARINGS, FIXED - 600K	EACH	6		6								
X5210355	HIGH LOAD MULTI-ROTATIONAL BEARINGS, FIXED - 650K	EACH	8		8								
X550A562	TEMPORARY STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	214	214									

\* DENOTES SPECIALTY ITEM

\*\* DENOTES NON-PARTICIPATING ITEM

Rev.

FILE PATH: C:\Users\alirezadehn\Desktop\Projects\90%\_Final\90%\_Final\1016228-11-1-500.dgn



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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 20 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	21C
CONTRACT NO. 60W28			[ILLINOIS] FED. AID PROJECT	

90% FED.  
10% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE									
				ROADWAY 0004 URBAN	BRIDGE 0008 016-1705	RETAINING WALL 0040 016-1720	RETAINING WALL 0040 016-2024	RETAINING WALL 0040 016-1722	RETAINING WALL 0040 016-1723	RETAINING WALL 0040 016-1809	HIGHWAY LIGHTING 0021 URBAN	NOISE WALL 0040 NONE	
* X5537700	STORM SEWERS TO BE CLEANED 10"	FOOT	107	107									
* X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	213	213									
* X5538000	STORM SEWERS TO BE CLEANED 18"	FOOT	74	74									
* X5538100	STORM SEWERS TO BE CLEANED 21"	FOOT	192	192									
* X5538200	STORM SEWERS TO BE CLEANED 24"	FOOT	436	436									
X5610712	WATER MAIN REMOVAL, 12"	FOOT	52	52									
X5610716	WATER MAIN REMOVAL, 16"	FOOT	168	168									
X6022505	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, OPEN LID (CITY OF CHICAGO)	EACH	3	3									
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	1	1									
X6370050	CONCRETE BARRIER WALL (SPECIAL)	FOOT	44	44									
X6430120	REMOVE IMPACT ATTENUATORS, NO SALVAGE	EACH	1	1									
X6640050	CHAIN LINK FENCE, 42" ATTACHED TO STRUCTURE (SPECIAL)	FOOT	1601				1601						
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	22	22									
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1									

\* DENOTES SPECIALTY ITEM      \*\* DENOTES NON-PARTICIPATING ITEM (100% STATE)



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 USER NAME \* alixadahn  
 PLOT SCALE \* 2.0000' / 1" =  
 PLOT DATE \* 4/28/2014

DESIGNED - NSA      REVISED -  
 DRAWN - NSA      REVISED -  
 CHECKED - AFC      REVISED -  
 DATE - 04/28/14      REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 21 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	210
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	

Rev.

FILE PATH: C:\Users\alixadahn\Desktop\top\prints\final\Sheets\016BW28-ah1-500.dgn

90% FED.  
10% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				ROADWAY	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	HIGHWAY LIGHTING	NOISE WALL	
				0004	0008	0040	0040	0040	0040	0040	0021	0040	
				URBAN	016-1705	016-1720	016-Z024	016-1722	016-1723	016-1809	URBAN	NONE	
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1									
X7013820	TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS	CAL DA	675	675									
* X7280105	TELESCOPING STEEL SIGN SUPPORT (SPECIAL)	FOOT	13	13									
* X8420502	REMOVAL OF LIGHT TOWER, NO SALVAGE	EACH	3									3	
* X8420510	REMOVAL OF TOWER FOUNDATION	EACH	3									3	
* X8730312	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 4/C, TWISTED, SHIELDED	FOOT	369									369	
X5210375	HIGH LOAD MULTI-ROATION BEARINGS, FIXED 850K	EACH	6		6								
X5521578	STORM SEWERS JACKED IN PLACE 78" (SPECIAL)	FOOT	635	635									
X0327750	FOUNDATION REMOVAL	CU YD	108						63	45			
* 83505480	LIGHT TOWER, 130 FT. MOUNTING HEIGHT, LUMINAIRE MT. - 7	EACH	1									1	
* 83507850	LIGHT TOWER, 150 FT. MOUNTING HEIGHT, LUMINAIRE MT. - 7	EACH	1									1	
X5610690	WATER MAIN REHABILITATION	FOOT	290	290									
* X8102845	UNDERGROUND CONDUIT, PVC, 4" DIA., SCHEDULE 80	FOOT	100									100	
* X0327751	LIGHTNING PROTECTION FOR INDUCTION LOOP DETECTOR	EACH	7									7	

\* DENOTES SPECIALTY ITEM

\*\* DENOTES NON-PARTICIPATING ITEM



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 PLOT SCALE = 2.0000 / 1"  
 PLOT DATE = 4/28/2014

DESIGNED - NSA  
 DRAWN - NSA  
 CHECKED - AFC  
 DATE - 04/28/14

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 22 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	21E
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				

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90% FED.  
10% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE							HIGHWAY LIGHTING	NOISE WALL
				ROADWAY	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL		
				0004 URBAN	0008 016-1705	0040 016-1720	0040 016-2024	0040 016-1722	0040 016-1723	0040 016-1809		
* X0327752	CONDUIT RISER, GALVANIZED STEEL	EACH	1								1	
* X0327753	REMOVE AND REINSTALL CAMERA POLE	EACH	1								1	
X7035104	TEMPORARY EPOXY PAVEMENT MARKING - LINE 4"	FOOT	80208	80208								
X7035105	TEMPORARY EPOXY PAVEMENT MARKING - LINE 5"	FOOT	9982	9982								
X7035108	TEMPORARY EPOXY PAVEMENT MARKING - LINE 8"	FOOT	27990	27990								
X7035112	TEMPORARY EPOXY PAVEMENT MARKING - LINE 12"	FOOT	3972	3972								
X7035100	TEMPORARY EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	256	256								
* X7200053	REMOVE, STORE AND RE-ERECT SIGN PANEL (SPECIAL)	EACH	1	1								
X0327754	TEMPORARY BULKHEAD	EACH	2	2								
* X8850109	PREFORMED INDUCTION LOOP	FOOT	1084								1084	
* X0327755	CABINET HOUSING EQUIPMENT, ESP 3. CONCRETE FOUNDATION MOUNTED	EACH	1								1	
* X0327756	STAINLESS STEEL CABLE PLANT SUPPORT SYSTEM	L SUM	1							0.38		0.62
X0327757	FOUNDATION CONSTRUCTION AT EXISTING OBSTRUCTIONS	EACH	2		2							
* X0327758	RELOCATE EXISTING CONDUIT AND CABLES	FOOT	80								80	

\* DENOTES SPECIALTY ITEM

\*\* DENOTES NON-PARTICIPATING ITEM



0160w28-shs-500.dgn  
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PLOT SCALE \* 2.0000 / 1  
PLOT DATE \* 4/28/2014

DESIGNED - NSA  
DRAWN - NSA  
CHECKED - AFC  
DATE - 04/28/14

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 23 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	21F

CONTRACT NO. 60W28

ILLINOIS FED. AID PROJECT

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10% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE									
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				0004	0008	0040	0040	0040	0040	0040	0021	0040	
				URBAN	016-1705	016-1720	016-2024	016-1722	016-1723	016-1809	URBAN	NONE	
Ø Z0076600	TRAINEES	HOUR	2000	2000									
X0327759	DRILLED SHAFT TEST HOLES	EACH	2	2									
Ø Z0076604	TRAINEES-TRAINING PROGRAM	HOUR	2000	2000									
X7010410	SPEED DISPLAY TRAILER	CAL MO	88	88									

Ø 0042 TRAINEES

\* DENOTES SPECIALTY ITEM

\*\* DENOTES NON-PARTICIPATING ITEM

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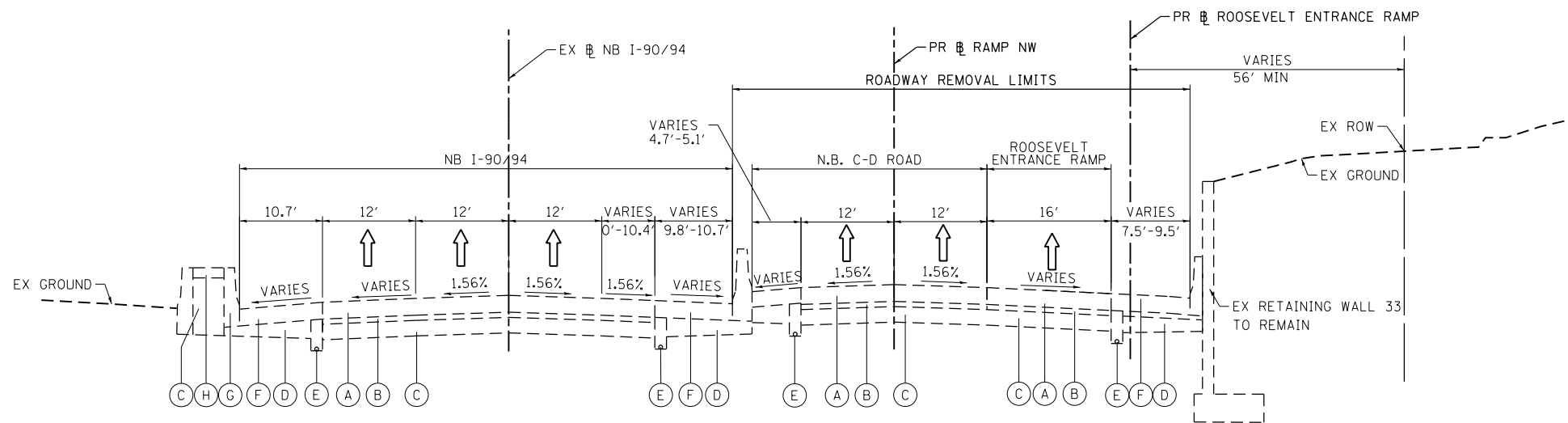
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

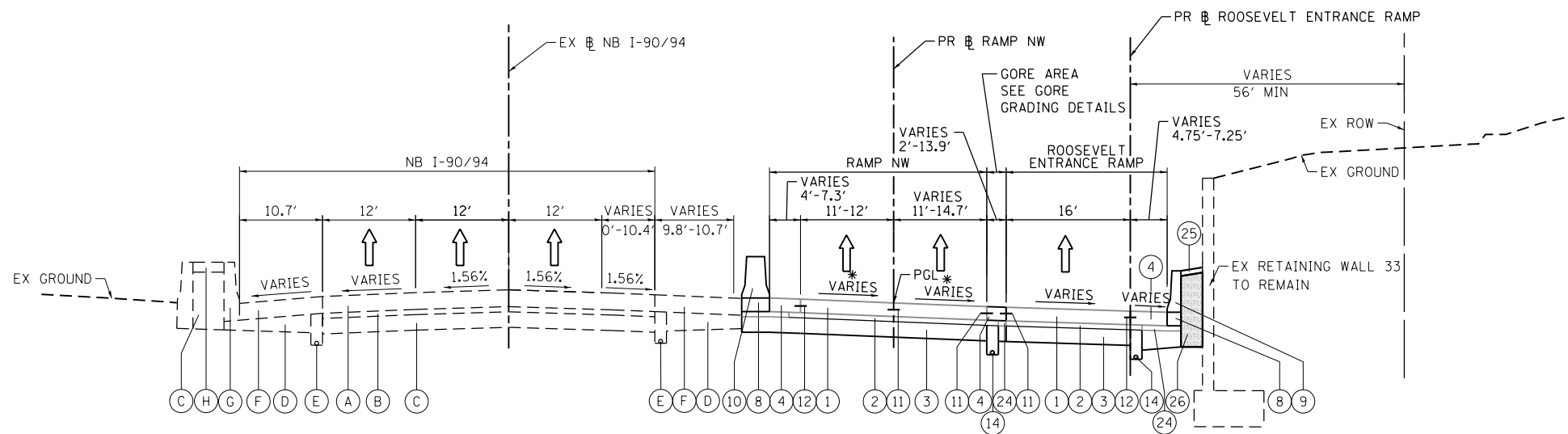
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	216
			CONTRACT NO. 60W28	
ILLINOIS FED. AID PROJECT				



**1 EXISTING TYPICAL SECTION  
RAMP NW**

1802+75.00 TO STA 1806+91.96



**2 PROPOSED TYPICAL SECTION  
RAMP NW**

1802+75.00 TO STA 1806+91.96

• SEE NOTE 4

ROOSEVELT ENTRANCE RAMP PAVEMENT BEGINS AT STA 1806+50.00  
RAMP NW LEFT CONCRETE BARRIER BEGINS AT STA 1804+06.88  
RAMP NW RIGHT CONCRETE BARRIER BEGINS AT STA 1806+85.00

**EXISTING**

- (A) CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT, 13"
- (B) STABILIZED SUBBASE, 4"
- (C) POROUS GRANULAR EMBANKMENT, SPECIAL VARIES 0" TO 36"
- (D) SUBBASE GRANULAR MATERIAL, 12"
- (E) PIPE UNDERDRAIN 6", FABRIC LINED TRENCH
- (F) BITUMINOUS SHOULDER, 13"
- (G) CONCRETE BARRIER
- (H) CONCRETE MEDIAN SURFACE

**PROPOSED**

- (1) PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" (JOINTED)
- (2) STABILIZED SUBBASE-HOT MIX ASPHALT, 4"
- (3) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (4) PORTLAND CEMENT CONCRETE SHOULDERS 10 1/2"
- (5) RETAINING WALL / MSE WALL
- (6) ITEM REMOVED
- (7) TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 2A
- (8) CONCRETE BARRIER BASE
- (9) CONCRETE BARRIER, SINGLE FACE, 42" HEIGHT
- (10) CONCRETE BARRIER, DOUBLE FACE, 42" HEIGHT
- (11) LONGITUDINAL CONSTRUCTION JOINT, #6 EPOXY COATED BARS AT 24" CENTERS, INCLUDED IN COST OF PCC PAVEMENT
- (12) SHOULDER LONGITUDINAL CONSTRUCTION JOINT, #6 EPOXY COATED BARS AT 24" CENTERS, INCLUDED IN COST OF PCC SHOULDERS
- (13) TIE BARS, #6 EPOXY COATED BARS AT 24" CENTERS, INCLUDED IN COST OF COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- (14) PIPE UNDERDRAINS 6"
- (15) CHAIN LINK FENCE, 6'
- (16) AGGREGATE COLUMN (SEE STRUCTURAL PLANS)
- (17) CAST-IN-PLACE CONCRETE COPING SEAL WITH PJF-4" (SEE STRUCTURAL PLANS)
- (18) ANCHOR SLAB (SEE STRUCTURAL PLANS)
- (19) PARAPET (SEE STRUCTURAL PLANS)
- (20) SOIL REINFORCEMENT (SEE STRUCTURAL PLANS)
- (21) LIGHTWEIGHT FILL (SEE STRUCTURAL PLANS)
- (22) TEMPORARY PAVEMENT
- (23) TEMPORARY CONCRETE BARRIER
- (24) SUBBASE GRANULAR MATERIAL, TYPE C 4"
- (25) CONCRETE MEDIAN SURFACE, 4 INCH
- (26) POROUS GRANULAR EMBANKMENT
- (27) PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- (28) PORTLAND CEMENT CONCRETE SHOULDER, 10"
- (29) TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)
- (30) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, (IL-9.5 MM): 1 3/4"
- (31) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70: 2 1/4"
- (32) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL-9.5 MM): 2"

**NOTES:**

1. THE ADDITIONAL THICKNESS OF AGGREGATE SUBGRADE IMPROVEMENT UNDER THE SHOULDER TO DRAIN TO UNDERDRAINS SHALL BE INCLUDED IN THE COST PER SQ. YD. OF AGGREGATE SUBGRADE IMPROVEMENT 24".
2. THE MAXIMUM ROLLOVER BETWEEN THE PAVEMENT AND THE SHOULDER ON THE HIGH SIDE OF THE SUPERELEVATION IS 8.0%.
3. FOR PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED) DETAILS, SEE JOINTING AND PCC PAVEMENT DETAIL PLAN.
4. SEE SE TRANSITION DATA TABLE FOR SUPERELEVATION TRANSITIONS.
5. EXISTING SLOPE AND PAVEMENT AS SHOWN IS BASED ON I-90/94 PLANS, 1987. FIELD VERIFICATION IS REQUIRED FOR CORRECT SLOPES AND PAVEMENT.
6. SEE ROADWAY DETAILS FOR ADDITIONAL INFORMATION AND LIMITS OF VARIOUS TYPES OF CONCRETE BARRIERS.

BOXED ITEMS ARE INCLUDED IN THE COST OF THE CONTRACT.

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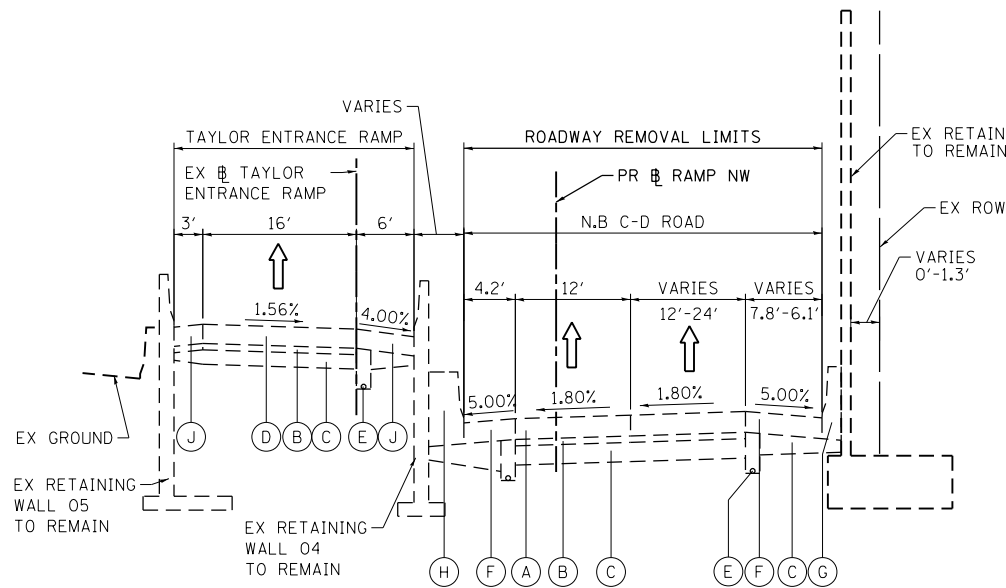
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**

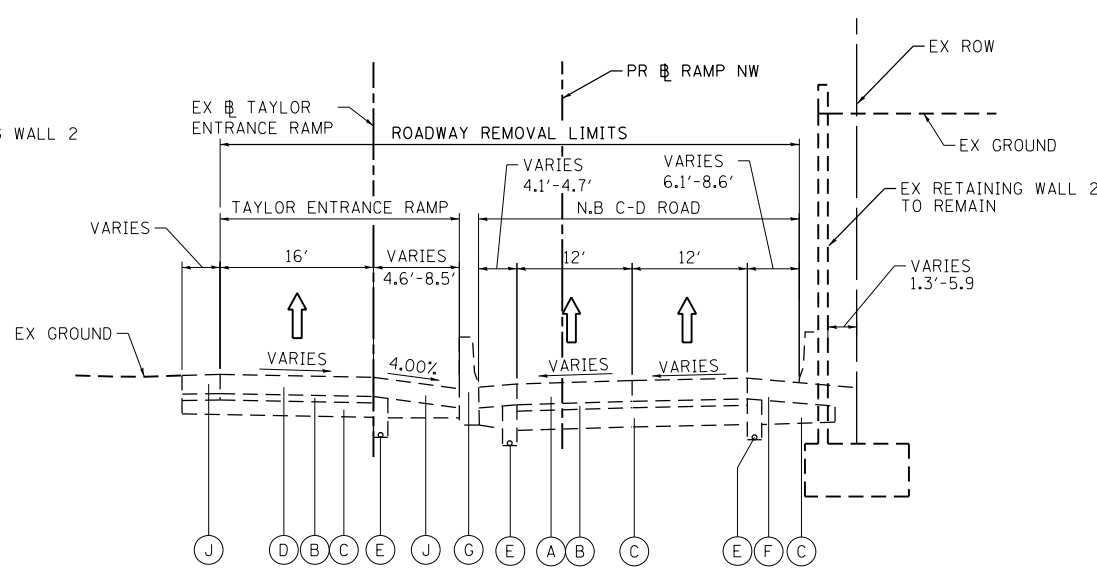
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	22
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				



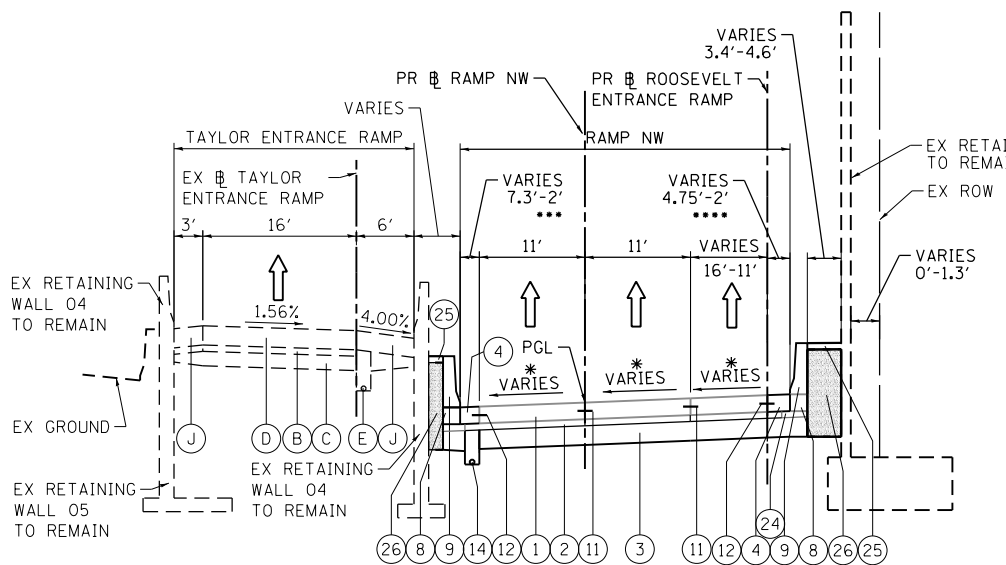
3 EXISTING TYPICAL SECTION  
RAMP NW

STA 1806+91.96 TO STA 1813+60.00



5 EXISTING TYPICAL SECTION  
RAMP NW

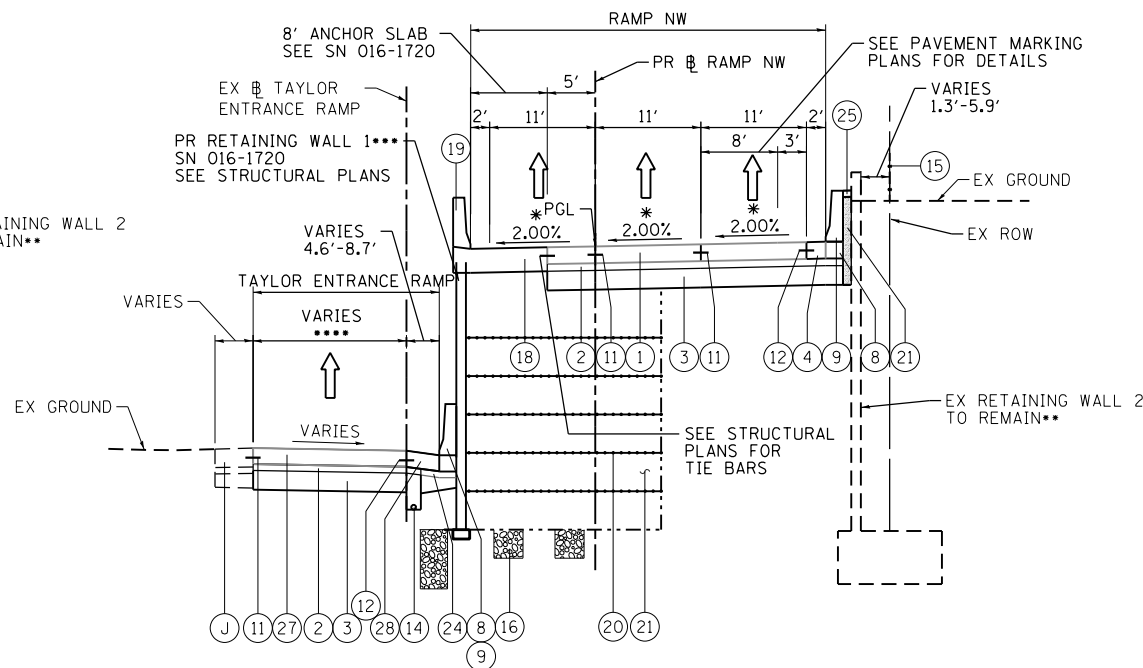
STA 1813+60.00 TO STA 1816+56.17



4 PROPOSED TYPICAL SECTION  
RAMP NW

STA 1806+91.96 TO STA 1813+60.00

\* SEE NOTE 4  
\*\* SEE SN 016-2024 STRUCTURAL PLAN FOR LIMITS OF STRUCTURAL REPAIR OF CONCRETE  
\*\*\* BEGIN 2' PORTLAND CEMENT CONCRETE SHOULDER 10 1/2" AT STA 1808+21.47  
\*\*\*\* END 4.75' PCC SHLD, 10 1/2" AND TRANSITION TO 2' PCC SHLD 10 1/2" AT STA 1810+08.81



6 PROPOSED TYPICAL SECTION  
RAMP NW

STA 1813+60.00 TO STA 1816+56.17

\* SEE NOTE 4  
\*\* SEE SN 016-2024 STRUCTURAL PLAN FOR LIMITS OF STRUCTURAL REPAIR OF CONCRETE  
\*\*\* PR RETAINING WALL 1 (WEST WALL) BEGINS AT STA 1813+60.00  
\*\*\*\* PAVEMENT WIDTH VARIES FROM 15' TO 2' FROM STA 1813+40.36 TO STA 1814+77.99 AND 2' FROM STA 1814+77.99 TO STA 1816+03.50  
IMPROVEMENT ON TAYLOR STREET ENTRANCE RAMP BEGINS AT STA 1813+40.36

**EXISTING**

- (A) CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT, 13"
- (B) STABILIZED SUBBASE, 4"
- (C) POROUS GRANULAR EMBANKMENT, SPECIAL VARIES 0" TO 36"
- (D) PORTLAND CEMENT CONCRETE PAVEMENT, 12"
- (E) PIPE UNDERDRAIN 6", FABRIC LINED TRENCH
- (F) BITUMINOUS SHOULDER, 13"
- (G) CONCRETE BARRIER
- (H) CONCRETE MEDIAN SURFACE
- (I) SUBBASE GRANULAR MATERIAL, 12"
- (J) BITUMINOUS SHOULDER, 10"

**PROPOSED**

- (1) PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" (JOINTED)
- (2) STABILIZED SUBBASE-HOT MIX ASPHALT, 4"
- (3) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (4) PORTLAND CEMENT CONCRETE SHOULDERS 10 1/2"
- (5) RETAINING WALL / MSE WALL
- (6) ITEM REMOVED
- (7) TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 2A
- (8) CONCRETE BARRIER BASE
- (9) CONCRETE BARRIER, SINGLE FACE, 42" HEIGHT
- (10) CONCRETE BARRIER, DOUBLE FACE, 42" HEIGHT
- (11) LONGITUDINAL CONSTRUCTION JOINT, #6 EPOXY COATED BARS AT 24" CENTERS, INCLUDED IN COST OF PCC PAVEMENT
- (12) SHOULDER LONGITUDINAL CONSTRUCTION JOINT, #6 EPOXY COATED BARS AT 24" CENTERS, INCLUDED IN COST OF PCC SHOULDERS
- (13) TIE BARS, #6 EPOXY COATED BARS AT 24" CENTERS, INCLUDED IN COST OF COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- (14) PIPE UNDERDRAINS 6"
- (15) CHAIN LINK FENCE, 6'
- (16) AGGREGATE COLUMN (SEE STRUCTURAL PLANS)
- (17) CAST-IN-PLACE CONCRETE COPING SEAL WITH PJF-4" (SEE STRUCTURAL PLANS)
- (18) ANCHOR SLAB (SEE STRUCTURAL PLANS)
- (19) PARAPET (SEE STRUCTURAL PLANS)
- (20) SOIL REINFORCEMENT (SEE STRUCTURAL PLANS)
- (21) LIGHTWEIGHT FILL (SEE STRUCTURAL PLANS)
- (22) TEMPORARY PAVEMENT
- (23) TEMPORARY CONCRETE BARRIER
- (24) SUBBASE GRANULAR MATERIAL, TYPE C 4"
- (25) CONCRETE MEDIAN SURFACE, 4 INCH
- (26) POROUS GRANULAR EMBANKMENT
- (27) PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- (28) PORTLAND CEMENT CONCRETE SHOULDER, 10"
- (29) TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)
- (30) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, (IL-9.5 MM): 1 3/4"
- (31) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70: 2 1/4"
- (32) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL-9.5 MM): 2"

**NOTES:**

1. THE ADDITIONAL THICKNESS OF AGGREGATE SUBGRADE IMPROVEMENT UNDER THE SHOULDER TO DRAIN TO UNDERDRAINS SHALL BE INCLUDED IN THE COST PER SQ. YD. OF AGGREGATE SUBGRADE IMPROVEMENT 24".
2. THE MAXIMUM ROLLOVER BETWEEN THE PAVEMENT AND THE SHOULDER ON THE HIGH SIDE OF THE SUPERELEVATION IS 8.0%.
3. FOR PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED) DETAILS, SEE JOINTING AND PCC PAVEMENT DETAIL PLAN.
4. SEE SE TRANSITION DATA TABLE FOR SUPERELEVATION TRANSITIONS.
5. EXISTING SLOPE AND PAVEMENT AS SHOWN IS BASED ON I-90/94 PLANS, 1987. FIELD VERIFICATION IS REQUIRED FOR CORRECT SLOPES AND PAVEMENT.
6. SEE ROADWAY DETAILS FOR ADDITIONAL INFORMATION AND LIMITS OF VARIOUS TYPES OF CONCRETE BARRIERS.

BOXED ITEMS ARE INCLUDED IN THE COST OF THE CONTRACT.

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: NONE SHEET 2 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	23
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				

**EXISTING**

- (A) CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT, 13"
- (B) STABILIZED SUBBASE, 4"
- (C) POROUS GRANULAR EMBANKMENT, SPECIAL VARIES 0" TO 36"
- (D) PORTLAND CEMENT CONCRETE PAVEMENT, 12"
- (E) PIPE UNDERDRAIN 6", FABRIC LINED TRENCH
- (F) BITUMINOUS SHOULDER, 13"
- (G) CONCRETE BARRIER
- (H) CONCRETE MEDIAN SURFACE
- (I) SUBBASE GRANULAR MATERIAL, 12"
- (J) BITUMINOUS SHOULDER, 10"

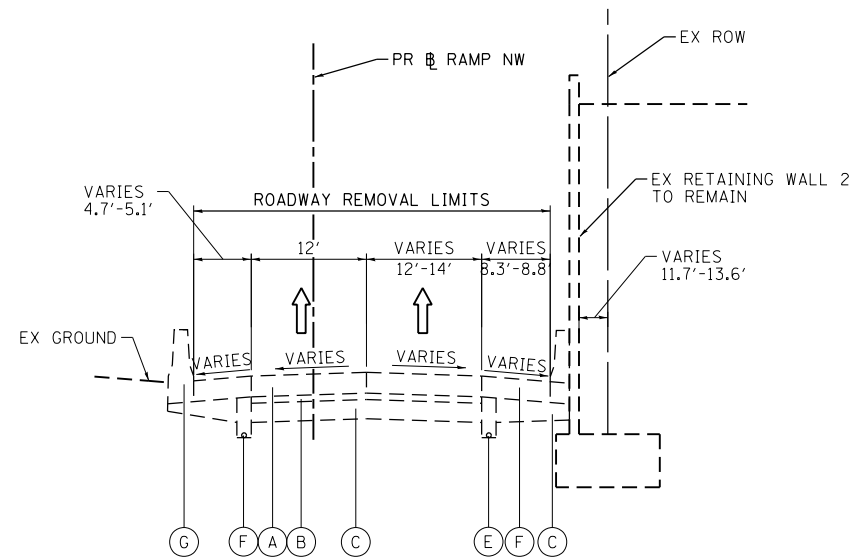
**PROPOSED**

- (1) PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" (JOINTED)
- (2) STABILIZED SUBBASE-HOT MIX ASPHALT, 4"
- (3) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (4) PORTLAND CEMENT CONCRETE SHOULDERS 10 1/2"
- (5) RETAINING WALL / MSE WALL
- (6) ITEM REMOVED
- (7) TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 2A
- (8) CONCRETE BARRIER BASE
- (9) CONCRETE BARRIER, SINGLE FACE, 42" HEIGHT
- (10) CONCRETE BARRIER, DOUBLE FACE, 42" HEIGHT
- (11) LONGITUDINAL CONSTRUCTION JOINT, #6 EPOXY COATED BARS AT 24" CENTERS, INCLUDED IN COST OF PCC PAVEMENT
- (12) SHOULDER LONGITUDINAL CONSTRUCTION JOINT, #6 EPOXY COATED BARS AT 24" CENTERS, INCLUDED IN COST OF PCC SHOULDERS
- (13) TIE BARS, #6 EPOXY COATED BARS AT 24" CENTERS, INCLUDED IN COST OF COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- (14) PIPE UNDERDRAINS 6"
- (15) CHAIN LINK FENCE, 6'
- (16) AGGREGATE COLUMN (SEE STRUCTURAL PLANS)
- (17) CAST-IN-PLACE CONCRETE COPING SEAL WITH PJF-4" (SEE STRUCTURAL PLANS)
- (18) ANCHOR SLAB (SEE STRUCTURAL PLANS)
- (19) PARAPET (SEE STRUCTURAL PLANS)
- (20) SOIL REINFORCEMENT (SEE STRUCTURAL PLANS)
- (21) LIGHTWEIGHT FILL (SEE STRUCTURAL PLANS)
- (22) TEMPORARY PAVEMENT
- (23) TEMPORARY CONCRETE BARRIER
- (24) SUBBASE GRANULAR MATERIAL, TYPE C 4"
- (25) CONCRETE MEDIAN SURFACE, 4 INCH
- (26) POROUS GRANULAR EMBANKMENT
- (27) PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- (28) PORTLAND CEMENT CONCRETE SHOULDER, 10"
- (29) TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)
- (30) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, (IL-9.5 MM): 1 3/4"
- (31) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70: 2 1/4"
- (32) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL-9.5 MM): 2"

**NOTES:**

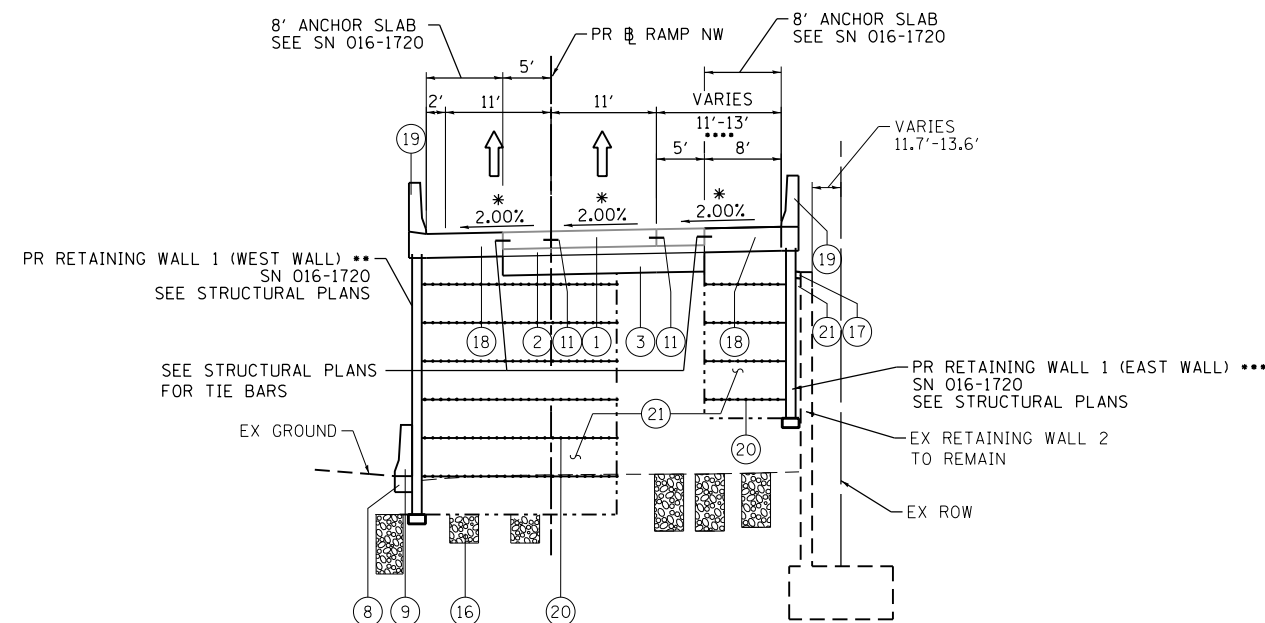
1. THE ADDITIONAL THICKNESS OF AGGREGATE SUBGRADE IMPROVEMENT UNDER THE SHOULDER TO DRAIN TO UNDERDRAINS SHALL BE INCLUDED IN THE COST PER SQ. YD. OF AGGREGATE SUBGRADE IMPROVEMENT 24".
2. THE MAXIMUM ROLLOVER BETWEEN THE PAVEMENT AND THE SHOULDER ON THE HIGH SIDE OF THE SUPERELEVATION IS 8.0%.
3. FOR PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED) DETAILS, SEE JOINTING AND PCC PAVEMENT DETAIL PLAN.
4. SEE SE TRANSITION DATA TABLE FOR SUPERELEVATION TRANSITIONS.
5. EXISTING SLOPE AND PAVEMENT AS SHOWN IS BASED ON I-90/94 PLANS, 1987. FIELD VERIFICATION IS REQUIRED FOR CORRECT SLOPES AND PAVEMENT.
6. SEE ROADWAY DETAILS FOR ADDITIONAL INFORMATION AND LIMITS OF VARIOUS TYPES OF CONCRETE BARRIERS.

BOXED ITEMS ARE INCLUDED IN THE COST OF THE CONTRACT.



**7** EXISTING TYPICAL SECTION  
RAMP NW

STA 1816+56.17 TO STA 1818+53.67



**8** PROPOSED TYPICAL SECTION  
RAMP NW

STA 1816+56.17 TO STA 1818+53.67

\* SEE NOTE 4

\*\* PR RETAINING WALL 1 (WEST WALL) ENDS AT STA 1818+53.67

\*\*\* PR RETAINING WALL 1 (EAST WALL) BEGINS AT STA 1816+56.17

AND ENDS AT STA 1818+46.17

\*\*\*\* FUTURE TRAVEL LANE

BRIDGE APPROACH PAVEMENT CONNECTOR STA 1817+16.17 TO STA 1818+16.17  
BRIDGE APPROACH PAVEMENT STA 1818+16.17 TO STA 1818+46.17 (SEE STRUCTURAL PLANS)  
BRIDGE OMISSION STA 1818+45.67 TO STA 1838+23.67



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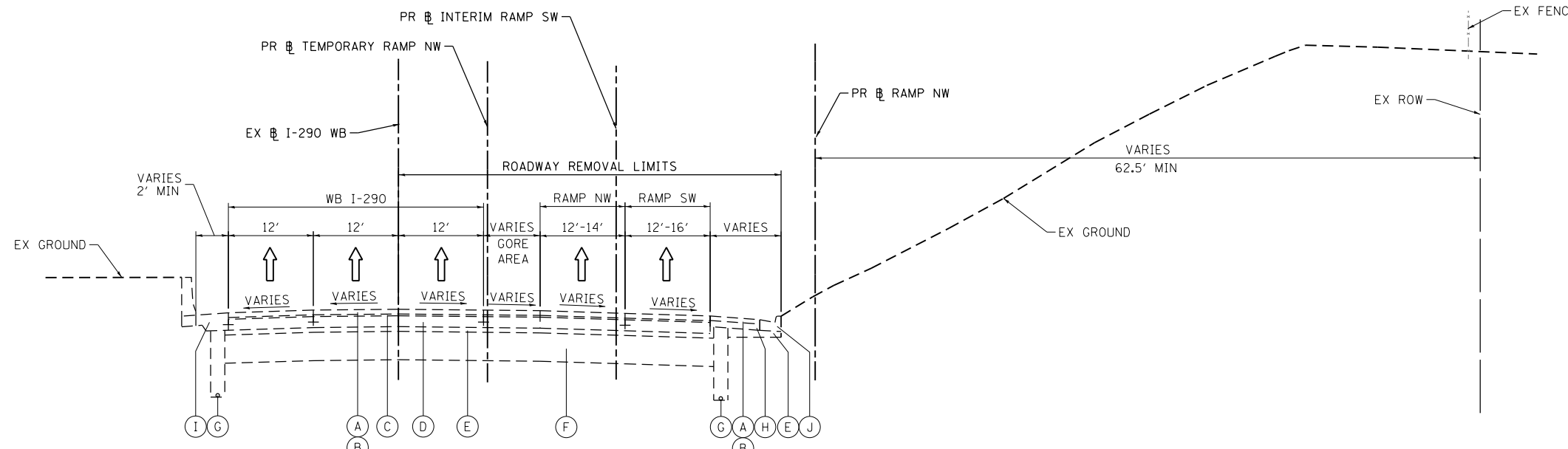
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

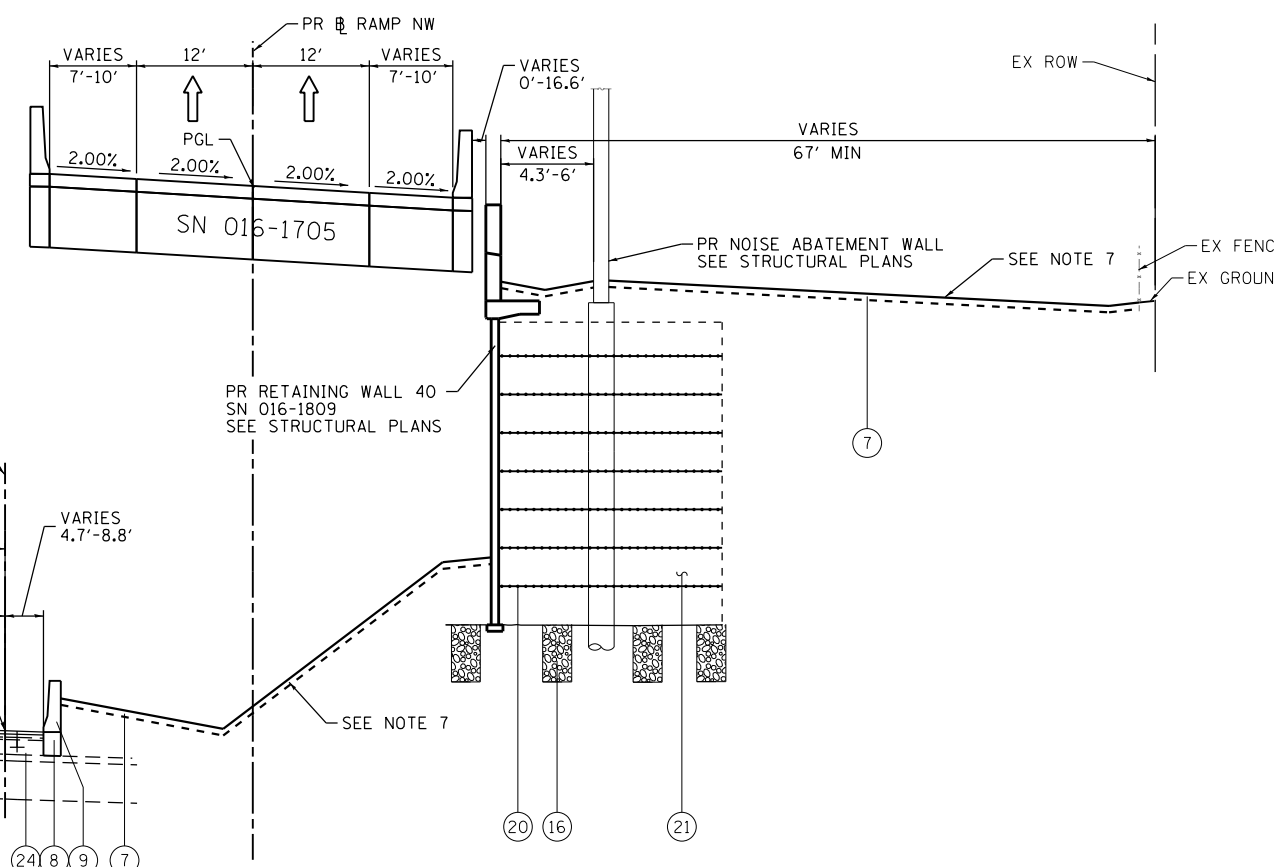
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	24
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				

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**9** **EXISTING TYPICAL SECTION**  
**RAMP NW**  
STA 1836+43.38 TO STA 1837+88.60



**10** **PROPOSED TYPICAL SECTION**  
**RAMP NW - INTERIM IMPROVEMENT (WB I-290 TIE-IN)**  
STA 1836+43.38 TO STA 1837+88.60

\* SEE NOTE 4  
\*\* END CONCRETE BARRIER, SINGLE FACE, 42" HEIGHT AT STA 1838+08.59  
RW 40 SN 016-1809 STA 1835+80.23 TO STA 1838+18.21  
STA 1322+49.13 TO STA 1325+11.44 (RAMP SW)  
NOISE ABATEMENT WALL STA 1836+77.17 TO 1841+28.70

**EXISTING**

- (A) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80, 2"
- (B) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80, 2"
- (C) BITUMINOUS CONCRETE SURFACE COURSE, CLASS I MIXTURE E, 1 1/2"
- (D) PORTLAND CEMENT CONCRETE BASE COURSE, 9 1/4"
- (E) STABILIZED SUBBASE, 4"
- (F) POROUS GRANULAR EMBANKMENT, 24"
- (G) PIPE UNDERDRAIN, 6"
- (H) BITUMINOUS SHOULDER, 10"
- (I) PORTLAND CEMENT CONCRETE SHOULDER, 9"
- (J) COMBINATION CONCRETE CURB & GUTTER TYPE M-6.24

**PROPOSED**

- (1) PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" (JOINTED)
- (2) STABILIZED SUBBASE-HOT MIX ASPHALT, 4"
- (3) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (4) PORTLAND CEMENT CONCRETE SHOULDERS 10 1/2"
- (5) RETAINING WALL / MSE WALL
- (6) ITEM REMOVED
- (7) TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 2A
- (8) CONCRETE BARRIER BASE
- (9) CONCRETE BARRIER, SINGLE FACE, 42" HEIGHT
- (10) CONCRETE BARRIER, DOUBLE FACE, 42" HEIGHT
- (11) LONGITUDINAL CONSTRUCTION JOINT, #6 EPOXY COATED BARS AT 24" CENTERS, INCLUDED IN COST OF PCC PAVEMENT
- (12) SHOULDER LONGITUDINAL CONSTRUCTION JOINT, #6 EPOXY COATED BARS AT 24" CENTERS, INCLUDED IN COST OF PCC SHOULDERS
- (13) TIE BARS, #6 EPOXY COATED BARS AT 24" CENTERS, INCLUDED IN COST OF COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- (14) PIPE UNDERDRAINS 6"
- (15) CHAIN LINK FENCE, 6'
- (16) AGGREGATE COLUMN (SEE STRUCTURAL PLANS)
- (17) CAST-IN-PLACE CONCRETE COPING SEAL WITH PJF-4" (SEE STRUCTURAL PLANS)
- (18) ANCHOR SLAB (SEE STRUCTURAL PLANS)
- (19) PARAPET (SEE STRUCTURAL PLANS)
- (20) SOIL REINFORCEMENT (SEE STRUCTURAL PLANS)
- (21) LIGHTWEIGHT FILL (SEE STRUCTURAL PLANS)
- (22) TEMPORARY PAVEMENT
- (23) TEMPORARY CONCRETE BARRIER
- (24) SUBBASE GRANULAR MATERIAL, TYPE C 4"
- (25) CONCRETE MEDIAN SURFACE, 4 INCH
- (26) POROUS GRANULAR EMBANKMENT
- (27) PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- (28) PORTLAND CEMENT CONCRETE SHOULDER, 10"
- (29) TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)
- (30) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, (IL-9.5 MM): 1 3/4"
- (31) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70: 2 1/4"
- (32) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL-9.5 MM): 2"

**NOTES:**

1. THE ADDITIONAL THICKNESS OF AGGREGATE SUBGRADE IMPROVEMENT UNDER THE SHOULDER TO DRAIN TO UNDERDRAINS SHALL BE INCLUDED IN THE COST PER SQ. YD. OF AGGREGATE SUBGRADE IMPROVEMENT 24".
2. THE MAXIMUM ROLLOVER BETWEEN THE PAVEMENT AND THE SHOULDER ON THE HIGH SIDE OF THE SUPERELEVATION IS 8.0%.
3. FOR PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED) DETAILS, SEE JOINTING AND PCC PAVEMENT DETAIL PLAN.
4. SEE SE TRANSITION DATA TABLE FOR SUPERELEVATION TRANSITIONS.
5. EXISTING SLOPE AND PAVEMENT AS SHOWN IS BASED ON I-90/94 PLANS, 1987. FIELD VERIFICATION IS REQUIRED FOR CORRECT SLOPES AND PAVEMENT.
6. SEE ROADWAY DETAILS FOR ADDITIONAL INFORMATION AND LIMITS OF VARIOUS TYPES OF CONCRETE BARRIERS.

BOXED ITEMS ARE INCLUDED IN THE COST OF THE CONTRACT.

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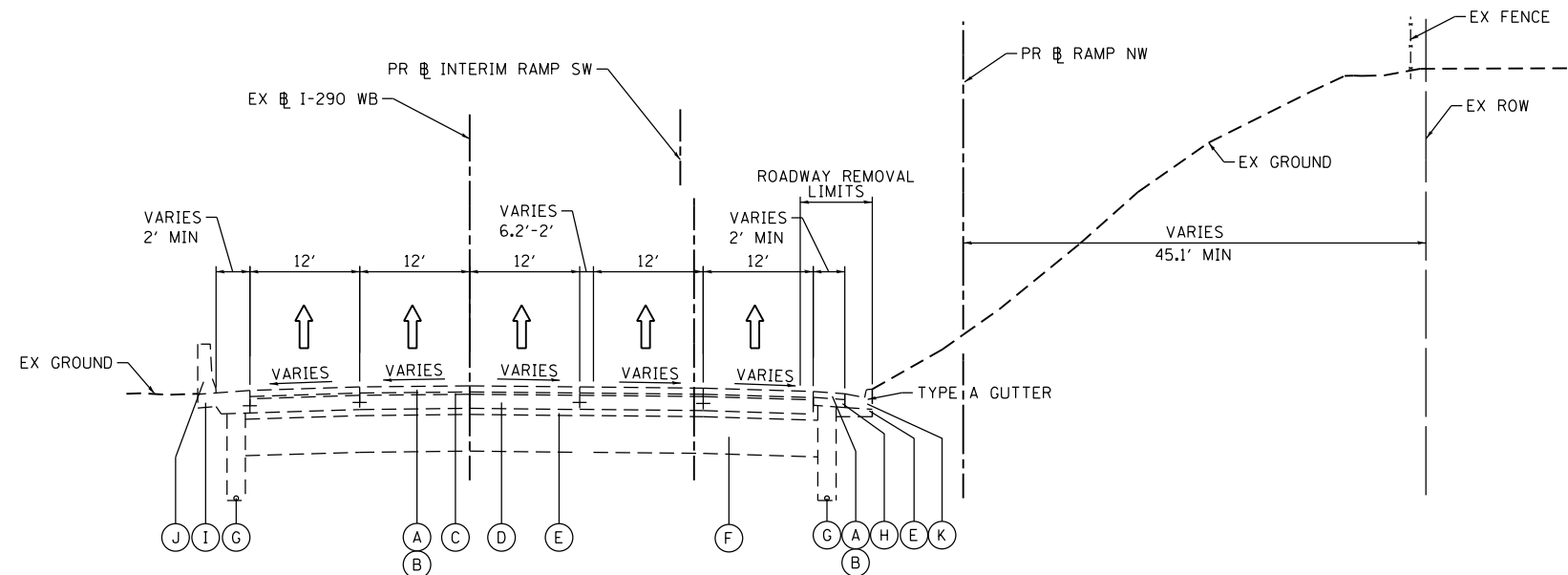
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**  
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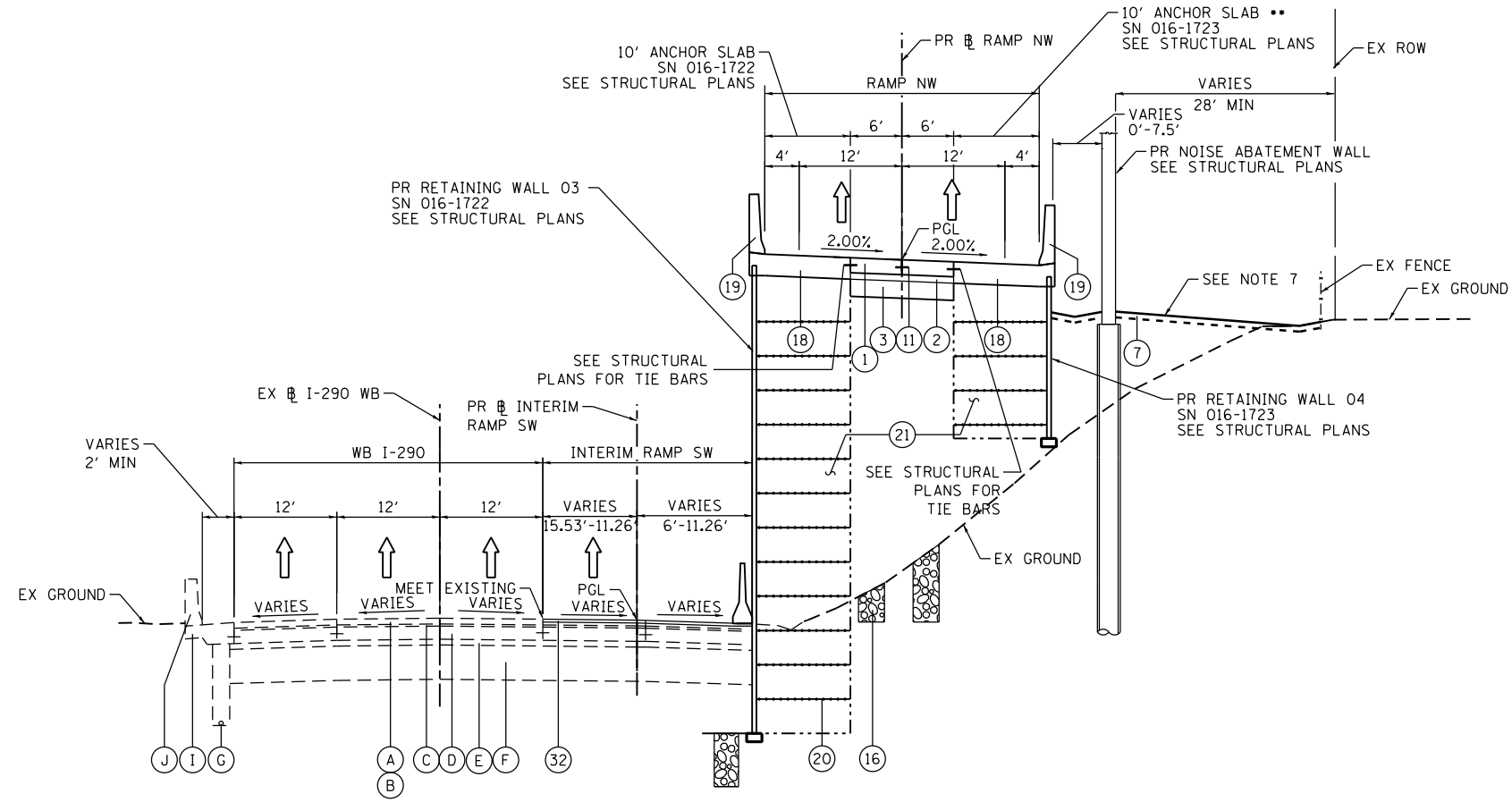
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90/94/290	2013-010R	COOK	747	25
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				





**11 EXISTING TYPICAL SECTION  
RAMP NW**

STA 1838+23.67 TO STA 1838+98.00



**12 PROPOSED TYPICAL SECTION  
RAMP NW**

STA 1837+88.60 TO STA 1838+98.00

• SEE NOTE 4

•• ANCHOR SLAB ENDS AT STA 1839+00.00

BRIDGE APPROACH PAVEMENT STA 1838+23.17 TO STA 1838+53.17  
BRIDGE APPROACH PAVEMENT CONNECTOR STA 1838+53.17 TO STA 1839+53.17  
RW 3 SN 016-1722 STA 1838+15.67 TO STA 1841+78.17  
RW 4 SN 016-1723 STA 1838+23.17 TO STA 1841+26.23

**EXISTING**

- (A) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80, 2"
- (B) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80, 2"
- (C) BITUMINOUS CONCRETE SURFACE COURSE, CLASS I MIXTURE E, 1 1/2"
- (D) PORTLAND CEMENT CONCRETE BASE COURSE, 9/4"
- (E) STABILIZED SUBBASE, 4"
- (F) POROUS GRANULAR EMBANKMENT, 24"
- (G) PIPE UNDERDRAIN, 6"
- (H) BITUMINOUS SHOULDER, 10"
- (I) PORTLAND CEMENT CONCRETE SHOULDER, 9"
- (J) CONCRETE BARRIER
- (K) COMBINATION CONCRETE CURB & GUTTER TYPE M-6.24

**PROPOSED**

- (1) PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" (JOINTED)
- (2) STABILIZED SUBBASE-HOT MIX ASPHALT, 4"
- (3) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (4) PORTLAND CEMENT CONCRETE SHOULDERS 10 1/2"
- (5) RETAINING WALL / MSE WALL
- (6) ITEM REMOVED
- (7) TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 2A
- (8) CONCRETE BARRIER BASE
- (9) CONCRETE BARRIER, SINGLE FACE, 42" HEIGHT
- (10) CONCRETE BARRIER, DOUBLE FACE, 42" HEIGHT
- (11) LONGITUDINAL CONSTRUCTION JOINT, #6 EPOXY COATED BARS AT 24" CENTERS, INCLUDED IN COST OF PCC PAVEMENT
- (12) SHOULDER LONGITUDINAL CONSTRUCTION JOINT, #6 EPOXY COATED BARS AT 24" CENTERS, INCLUDED IN COST OF PCC SHOULDERS
- (13) TIE BARS, #6 EPOXY COATED BARS AT 24" CENTERS, INCLUDED IN COST OF COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- (14) PIPE UNDERDRAINS 6"
- (15) CHAIN LINK FENCE, 6'
- (16) AGGREGATE COLUMN (SEE STRUCTURAL PLANS)
- (17) CAST-IN-PLACE CONCRETE COPING SEAL WITH PJF-4" (SEE STRUCTURAL PLANS)
- (18) ANCHOR SLAB (SEE STRUCTURAL PLANS)
- (19) PARAPET (SEE STRUCTURAL PLANS)
- (20) SOIL REINFORCEMENT (SEE STRUCTURAL PLANS)
- (21) LIGHTWEIGHT FILL (SEE STRUCTURAL PLANS)
- (22) TEMPORARY PAVEMENT
- (23) TEMPORARY CONCRETE BARRIER
- (24) SUBBASE GRANULAR MATERIAL, TYPE C 4"
- (25) CONCRETE MEDIAN SURFACE, 4 INCH
- (26) POROUS GRANULAR EMBANKMENT
- (27) PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- (28) PORTLAND CEMENT CONCRETE SHOULDER, 10"
- (29) TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)
- (30) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, (IL-9.5 MM): 1 3/4"
- (31) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70: 2 1/4"
- (32) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL-9.5 MM): 2"

**NOTES:**

1. THE ADDITIONAL THICKNESS OF AGGREGATE SUBGRADE IMPROVEMENT UNDER THE SHOULDER TO DRAIN TO UNDERDRAINS SHALL BE INCLUDED IN THE COST PER SQ. YD. OF AGGREGATE SUBGRADE IMPROVEMENT 24".
2. THE MAXIMUM ROLLOVER BETWEEN THE PAVEMENT AND THE SHOULDER ON THE HIGH SIDE OF THE SUPERELEVATION IS 8.0%.
3. FOR PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED) DETAILS, SEE JOINTING AND PCC PAVEMENT DETAIL PLAN.
4. SEE SE TRANSITION DATA TABLE FOR SUPERELEVATION TRANSITIONS.
5. EXISTING SLOPE AND PAVEMENT AS SHOWN IS BASED ON I-90/94 PLANS, 1987. FIELD VERIFICATION IS REQUIRED FOR CORRECT SLOPES AND PAVEMENT.
6. SEE ROADWAY DETAILS FOR ADDITIONAL INFORMATION AND LIMITS OF VARIOUS TYPES OF CONCRETE BARRIERS.

BOXED ITEMS ARE INCLUDED IN THE COST OF CONTRACT.

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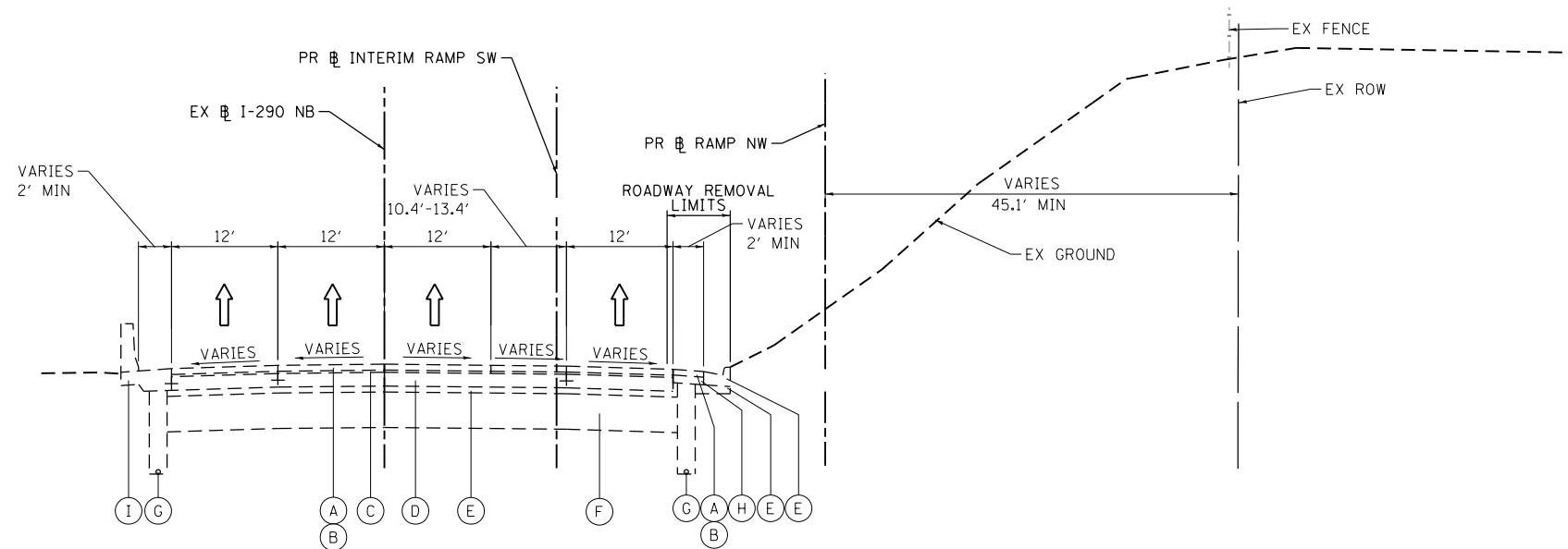
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**

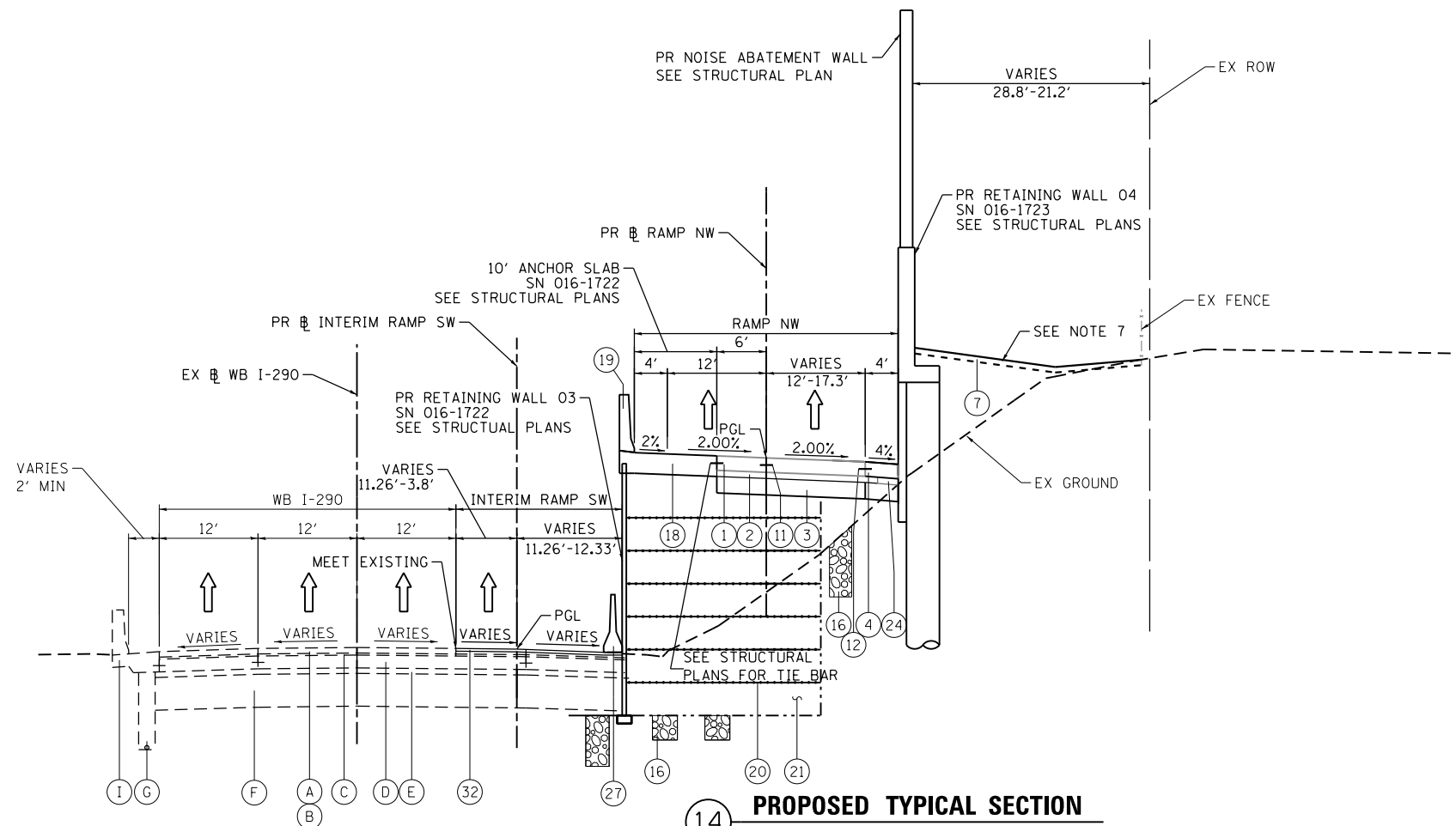
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	26
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				



**13 EXISTING TYPICAL SECTION  
RAMP NW**

STA 1838+98.00 TO STA 1841+26.23



**14 PROPOSED TYPICAL SECTION  
RAMP NW**

STA 1838+98.00 TO STA 1841+26.23

RW 3 SN 016-1722 STA 1838+15.67 TO STA 1841+78.17  
 RW 4 SN 016-1723 STA 1838+23.17 TO STA 1841+26.23  
 PR NOISE ABATEMENT WALL AT RW 4 STA 1838+98.00 TO STA 1840+17.00 (O/S=0')  
 PR NOISE ABATEMENT WALL AT O/S STA 1840+17.00 TO STA 1841+28.70

**EXISTING**

- (A) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80, 2"
- (B) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80, 2"
- (C) BITUMINOUS CONCRETE SURFACE COURSE, CLASS I MIXTURE E, 1 1/2"
- (D) PORTLAND CEMENT CONCRETE BASE COURSE, 9 1/4"
- (E) STABILIZED SUBBASE, 4"
- (F) POROUS GRANULAR EMBANKMENT, 24"
- (G) PIPE UNDERDRAIN, 6"
- (H) BITUMINOUS SHOULDER, 10"
- (I) PORTLAND CEMENT CONCRETE SHOULDER, 9"
- (J) COMBINATION CONCRETE CURB & GUTTER TYPE M-6.24

**PROPOSED**

- (1) PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" (JOINTED)
- (2) STABILIZED SUBBASE-HOT MIX ASPHALT, 4"
- (3) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (4) PORTLAND CEMENT CONCRETE SHOULDERS 10 1/2"
- (5) RETAINING WALL / MSE WALL
- (6) ITEM REMOVED
- (7) TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 2A
- (8) CONCRETE BARRIER BASE
- (9) CONCRETE BARRIER, SINGLE FACE, 42" HEIGHT
- (10) CONCRETE BARRIER, DOUBLE FACE, 42" HEIGHT
- (11) LONGITUDINAL CONSTRUCTION JOINT, #6 EPOXY COATED BARS AT 24" CENTERS, INCLUDED IN COST OF PCC PAVEMENT
- (12) SHOULDER LONGITUDINAL CONSTRUCTION JOINT, #6 EPOXY COATED BARS AT 24" CENTERS, INCLUDED IN COST OF PCC SHOULDERS
- (13) TIE BARS, #6 EPOXY COATED BARS AT 24" CENTERS, INCLUDED IN COST OF COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- (14) PIPE UNDERDRAINS 6"
- (15) CHAIN LINK FENCE, 6'
- (16) AGGREGATE COLUMN (SEE STRUCTURAL PLANS)
- (17) CAST-IN-PLACE CONCRETE COPING SEAL WITH PJF-4" (SEE STRUCTURAL PLANS)
- (18) ANCHOR SLAB (SEE STRUCTURAL PLANS)
- (19) PARAPET (SEE STRUCTURAL PLANS)
- (20) SOIL REINFORCEMENT (SEE STRUCTURAL PLANS)
- (21) LIGHTWEIGHT FILL (SEE STRUCTURAL PLANS)
- (22) TEMPORARY PAVEMENT
- (23) TEMPORARY CONCRETE BARRIER
- (24) SUBBASE GRANULAR MATERIAL, TYPE C 4"
- (25) CONCRETE MEDIAN SURFACE, 4 INCH
- (26) POROUS GRANULAR EMBANKMENT
- (27) PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- (28) PORTLAND CEMENT CONCRETE SHOULDER, 10"
- (29) TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)
- (30) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, (IL-9.5 MM): 1 3/4"
- (31) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70: 2 1/4"
- (32) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL-9.5 MM): 2"

**NOTES:**

1. THE ADDITIONAL THICKNESS OF AGGREGATE SUBGRADE IMPROVEMENT UNDER THE SHOULDER TO DRAIN TO UNDERDRAINS SHALL BE INCLUDED IN THE COST PER SQ. YD. OF AGGREGATE SUBGRADE IMPROVEMENT 24".
2. THE MAXIMUM ROLLOVER BETWEEN THE PAVEMENT AND THE SHOULDER ON THE HIGH SIDE OF THE SUPERELEVATION IS 8.0%.
3. FOR PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED) DETAILS, SEE JOINTING AND PCC PAVEMENT DETAIL PLAN.
4. SEE SE TRANSITION DATA TABLE FOR SUPERELEVATION TRANSITIONS.
5. EXISTING SLOPE AND PAVEMENT AS SHOWN IS BASED ON I-90/94 PLANS, 1987, FIELD VERIFICATION IS REQUIRED FOR CORRECT SLOPES AND PAVEMENT.
6. SEE ROADWAY DETAILS FOR ADDITIONAL INFORMATION AND LIMITS OF VARIOUS TYPES OF CONCRETE BARRIERS.

BOXED ITEMS ARE INCLUDED IN THE COST OF THE CONTRACT.

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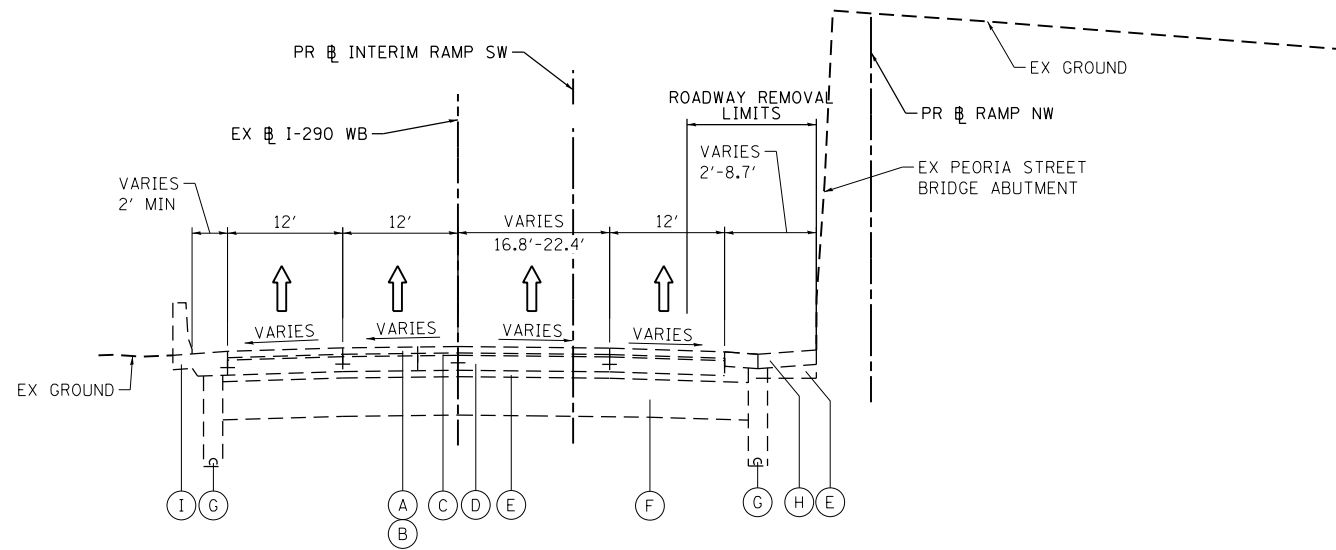
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

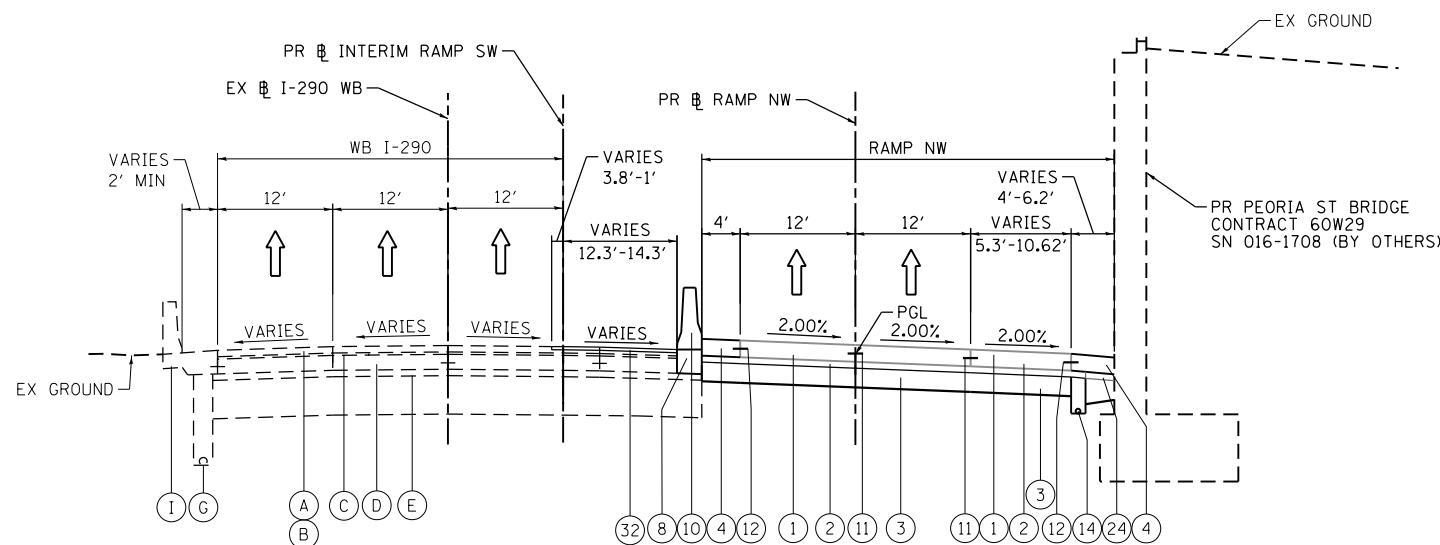
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	27
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				



**15** EXISTING TYPICAL SECTION  
RAMP NW

STA 1841+26.23 TO STA 1842+02.61



**16** PROPOSED TYPICAL SECTION  
RAMP NW

STA 1841+26.23 TO STA 1842+02.61

**EXISTING**

- (A) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80, 2"
- (B) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80, 2"
- (C) BITUMINOUS CONCRETE SURFACE COURSE, CLASS I MIXTURE E, 1 1/2"
- (D) PORTLAND CEMENT CONCRETE BASE COURSE, 9/4"
- (E) STABILIZED SUBBASE, 4"
- (F) POROUS GRANULAR EMBANKMENT, 24"
- (G) PIPE UNDERDRAIN, 6"
- (H) BITUMINOUS SHOULDER, 10"
- (I) PORTLAND CEMENT CONCRETE SHOULDER, 9"

**PROPOSED**

- (1) PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" (JOINTED)
- (2) STABILIZED SUBBASE-HOT MIX ASPHALT, 4"
- (3) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (4) PORTLAND CEMENT CONCRETE SHOULDERS 10 1/2"
- (5) RETAINING WALL / MSE WALL
- (6) ITEM REMOVED
- (7) TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 2A
- (8) CONCRETE BARRIER BASE
- (9) CONCRETE BARRIER, SINGLE FACE, 42" HEIGHT
- (10) CONCRETE BARRIER, DOUBLE FACE, 42" HEIGHT
- (11) LONGITUDINAL CONSTRUCTION JOINT, #6 EPOXY COATED BARS AT 24" CENTERS, INCLUDED IN COST OF PCC PAVEMENT
- (12) SHOULDER LONGITUDINAL CONSTRUCTION JOINT, #6 EPOXY COATED BARS AT 24" CENTERS, INCLUDED IN COST OF PCC SHOULDERS
- (13) TIE BARS, #6 EPOXY COATED BARS AT 24" CENTERS, INCLUDED IN COST OF COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- (14) PIPE UNDERDRAINS 6"
- (15) CHAIN LINK FENCE, 6'
- (16) AGGREGATE COLUMN (SEE STRUCTURAL PLANS)
- (17) CAST-IN-PLACE CONCRETE COPING SEAL WITH PJF-4" (SEE STRUCTURAL PLANS)
- (18) ANCHOR SLAB (SEE STRUCTURAL PLANS)
- (19) PARAPET (SEE STRUCTURAL PLANS)
- (20) SOIL REINFORCEMENT (SEE STRUCTURAL PLANS)
- (21) LIGHTWEIGHT FILL (SEE STRUCTURAL PLANS)
- (22) TEMPORARY PAVEMENT
- (23) TEMPORARY CONCRETE BARRIER
- (24) SUBBASE GRANULAR MATERIAL, TYPE C 4"
- (25) CONCRETE MEDIAN SURFACE, 4 INCH
- (26) POROUS GRANULAR EMBANKMENT
- (27) PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- (28) PORTLAND CEMENT CONCRETE SHOULDER, 10"
- (29) TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)
- (30) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, (IL-9.5 MM): 1 3/4"
- (31) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70: 2 1/4"
- (32) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL-9.5 MM): 2"

**NOTES:**

1. THE ADDITIONAL THICKNESS OF AGGREGATE SUBGRADE IMPROVEMENT UNDER THE SHOULDER TO DRAIN TO UNDERDRAINS SHALL BE INCLUDED IN THE COST PER SQ. YD. OF AGGREGATE SUBGRADE IMPROVEMENT 24".
2. THE MAXIMUM ROLLOVER BETWEEN THE PAVEMENT AND THE SHOULDER ON THE HIGH SIDE OF THE SUPERELEVATION IS 8.0%.
3. FOR PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED) DETAILS, SEE JOINTING AND PCC PAVEMENT DETAIL PLAN.
4. SEE SE TRANSITION DATA TABLE FOR SUPERELEVATION TRANSITIONS.
5. EXISTING SLOPE AND PAVEMENT AS SHOWN IS BASED ON I-90/94 PLANS, 1987, FIELD VERIFICATION IS REQUIRED FOR CORRECT SLOPES AND PAVEMENT.
6. SEE ROADWAY DETAILS FOR ADDITIONAL INFORMATION AND LIMITS OF VARIOUS TYPES OF CONCRETE BARRIERS.

BOXED ITEMS ARE INCLUDED IN THE COST OF THE CONTRACT.

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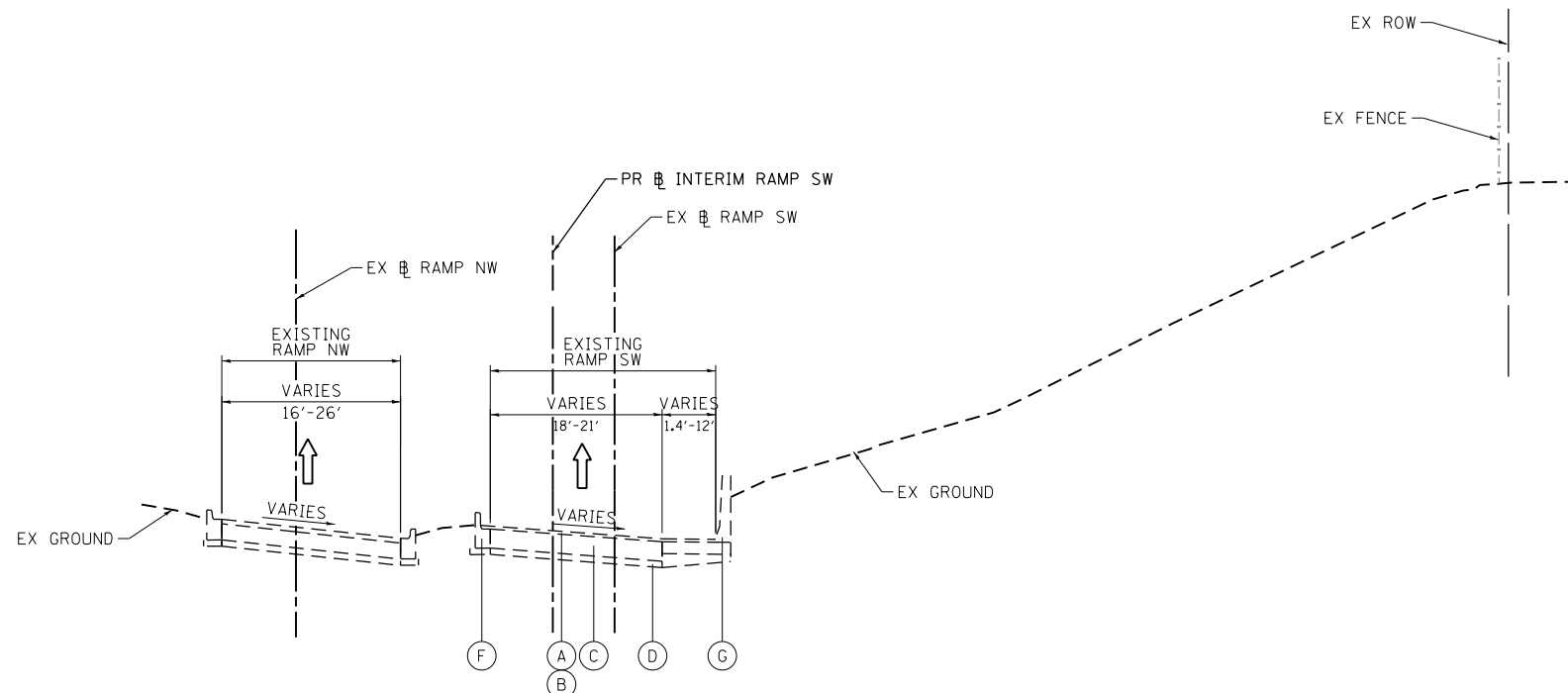
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TYPICAL SECTIONS

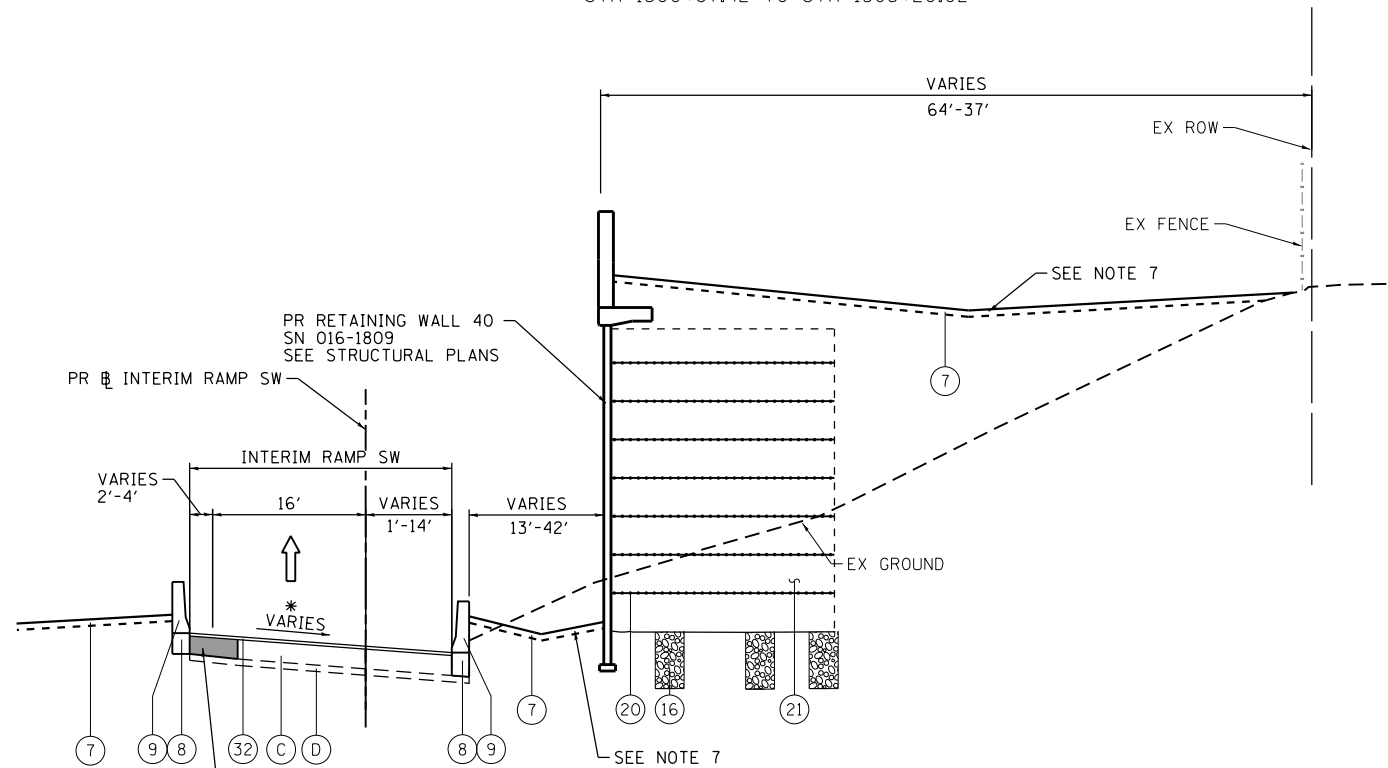
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	28
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				



17 EXISTING TYPICAL SECTION  
RAMP SW

STA 1300+87.42 TO STA 1305+20.02



18 PROPOSED TYPICAL SECTION  
RAMP SW - INTERIM IMPROVEMENTS

STA 1300+87.42 TO STA 1304+23.91  
(@ INTERIM RAMP SW)  
TEMPORARY PAVEMENT INSTALLED DURING STAGING TO REMAIN, SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS \* SEE NOTE 4

LEFT CONCRETE BARRIER STA 1301+87.60 TO STA 1303+71.46

**EXISTING**

- (A) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- (B) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/4"
- (C) PORTLAND CEMENT CONCRETE PAVEMENT, 10"
- (D) STABILIZED SUBBASE, 4"
- (E) PIPE UNDERDRAIN, 6"
- (F) COMBINATION CURB AND GUTTER, TYPE M-2.12
- (G) CONCRETE BARRIER

**PROPOSED**

- (1) PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" (JOINTED)
- (2) STABILIZED SUBBASE-HOT MIX ASPHALT, 4"
- (3) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (4) PORTLAND CEMENT CONCRETE SHOULDERS 10 1/2"
- (5) RETAINING WALL / MSE WALL
- (6) ITEM REMOVED
- (7) TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 2A
- (8) CONCRETE BARRIER BASE
- (9) CONCRETE BARRIER, SINGLE FACE, 42" HEIGHT
- (10) CONCRETE BARRIER, DOUBLE FACE, 42" HEIGHT
- (11) LONGITUDINAL CONSTRUCTION JOINT, #6 EPOXY COATED BARS AT 24" CENTERS, INCLUDED IN COST OF PCC PAVEMENT
- (12) SHOULDER LONGITUDINAL CONSTRUCTION JOINT, #6 EPOXY COATED BARS AT 24" CENTERS, INCLUDED IN COST OF PCC SHOULDERS
- (13) TIE BARS, #6 EPOXY COATED BARS AT 24" CENTERS, INCLUDED IN COST OF COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- (14) PIPE UNDERDRAINS 6"
- (15) CHAIN LINK FENCE, 6'
- (16) AGGREGATE COLUMN (SEE STRUCTURAL PLANS)
- (17) CAST-IN-PLACE CONCRETE COPING SEAL WITH PJF-4" (SEE STRUCTURAL PLANS)
- (18) ANCHOR SLAB (SEE STRUCTURAL PLANS)
- (19) PARAPET (SEE STRUCTURAL PLANS)
- (20) SOIL REINFORCEMENT (SEE STRUCTURAL PLANS)
- (21) LIGHTWEIGHT FILL (SEE STRUCTURAL PLANS)
- (22) TEMPORARY PAVEMENT
- (23) TEMPORARY CONCRETE BARRIER
- (24) SUBBASE GRANULAR MATERIAL, TYPE C 4"
- (25) CONCRETE MEDIAN SURFACE, 4 INCH
- (26) POROUS GRANULAR EMBANKMENT
- (27) PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- (28) PORTLAND CEMENT CONCRETE SHOULDER, 10"
- (29) TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)
- (30) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, (IL-9.5 MM): 1 3/4"
- (31) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70: 2 1/4"
- (32) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL-9.5 MM): 2"

**NOTES:**

1. THE ADDITIONAL THICKNESS OF AGGREGATE SUBGRADE IMPROVEMENT UNDER THE SHOULDER TO DRAIN TO UNDERDRAINS SHALL BE INCLUDED IN THE COST PER SQ. YD. OF AGGREGATE SUBGRADE IMPROVEMENT 24".
2. THE MAXIMUM ROLLOVER BETWEEN THE PAVEMENT AND THE SHOULDER ON THE HIGH SIDE OF THE SUPERELEVATION IS 8.0%.
3. FOR PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED) DETAILS, SEE JOINTING AND PCC PAVEMENT DETAIL PLAN.
4. SEE SE TRANSITION DATA TABLE FOR SUPERELEVATION TRANSITIONS.
5. EXISTING SLOPE AND PAVEMENT AS SHOWN IS BASED ON I-90/94 PLANS, 1987, FIELD VERIFICATION IS REQUIRED FOR CORRECT SLOPES AND PAVEMENT.
6. SEE ROADWAY DETAILS FOR ADDITIONAL INFORMATION AND LIMITS OF VARIOUS TYPES OF CONCRETE BARRIERS.

BOXED ITEMS ARE INCLUDED IN THE COST OF THE CONTRACT.

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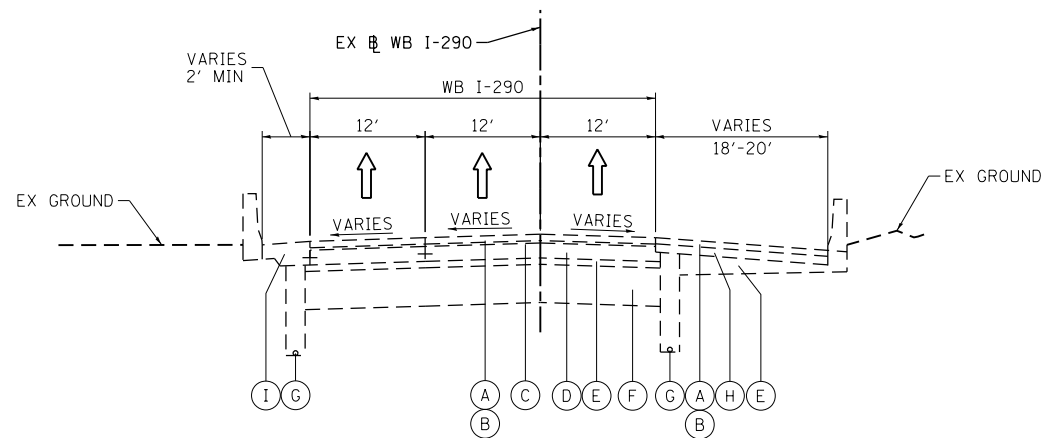
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TYPICAL SECTIONS

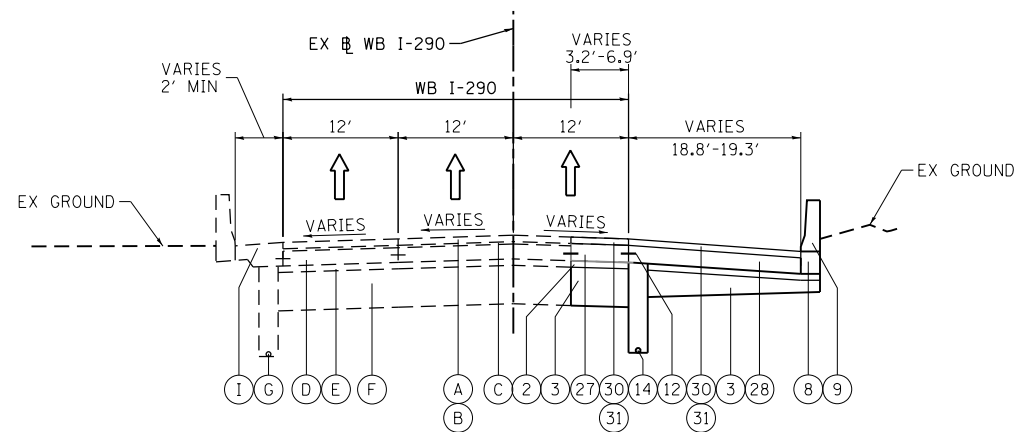
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90/94/290	2013-010R	COOK	747	29
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				



**19** **EXISTING TYPICAL SECTION**  
**WB I-290**

STA 351+15.34 TO STA 354+47.79  
(LOOKING DOWN STATION)



**20** **PROPOSED TYPICAL SECTION**  
**WB I-290**

STA 354+05.95 TO STA 354+47.79  
(LOOKING DOWN STATION)  
(EX WB I-290)

(STA 1833+41.47 TO STA 1836+43.57)  
(WB RAMP NW)

**EXISTING**

- (A) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80, 2"
- (B) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80, 2"
- (C) BITUMINOUS CONCRETE SURFACE COURSE, CLASS I MIXTURE E, 1 1/2"
- (D) PORTLAND CEMENT CONCRETE BASE COURSE, 10"
- (E) STABILIZED SUBBASE, 4"
- (F) POROUS GRANULAR EMBANKMENT, 24"
- (G) PIPE UNDERDRAIN, 6"
- (H) BITUMINOUS SHOULDER, 10"
- (I) PORTLAND CEMENT CONCRETE SHOULDER, 9"

**PROPOSED**

- (1) PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" (JOINTED)
- (2) STABILIZED SUBBASE-HOT MIX ASPHALT, 4"
- (3) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (4) PORTLAND CEMENT CONCRETE SHOULDERS 10 1/2"
- (5) RETAINING WALL / MSE WALL
- (6) ITEM REMOVED
- (7) TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 2A
- (8) CONCRETE BARRIER BASE
- (9) CONCRETE BARRIER, SINGLE FACE, 42" HEIGHT
- (10) CONCRETE BARRIER, DOUBLE FACE, 42" HEIGHT
- (11) LONGITUDINAL CONSTRUCTION JOINT, #6 EPOXY COATED BARS AT 24" CENTERS, INCLUDED IN COST OF PCC PAVEMENT
- (12) SHOULDER LONGITUDINAL CONSTRUCTION JOINT, #6 EPOXY COATED BARS AT 24" CENTERS, INCLUDED IN COST OF PCC SHOULDERS
- (13) TIE BARS, #6 EPOXY COATED BARS AT 24" CENTERS, INCLUDED IN COST OF COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- (14) PIPE UNDERDRAINS 6"
- (15) CHAIN LINK FENCE, 6'
- (16) AGGREGATE COLUMN (SEE STRUCTURAL PLANS)
- (17) CAST-IN-PLACE CONCRETE COPING SEAL WITH PJF-4" (SEE STRUCTURAL PLANS)
- (18) ANCHOR SLAB (SEE STRUCTURAL PLANS)
- (19) PARAPET (SEE STRUCTURAL PLANS)
- (20) SOIL REINFORCEMENT (SEE STRUCTURAL PLANS)
- (21) LIGHTWEIGHT FILL (SEE STRUCTURAL PLANS)
- (22) TEMPORARY PAVEMENT
- (23) TEMPORARY CONCRETE BARRIER
- (24) SUBBASE GRANULAR MATERIAL, TYPE C 4"
- (25) CONCRETE MEDIAN SURFACE, 4 INCH
- (26) POROUS GRANULAR EMBANKMENT
- (27) PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- (28) PORTLAND CEMENT CONCRETE SHOULDER, 10"
- (29) TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)
- (30) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, (IL-9.5 MM): 1 3/4"
- (31) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70: 2 1/4"
- (32) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL-9.5 MM): 2"

**NOTES:**

1. THE ADDITIONAL THICKNESS OF AGGREGATE SUBGRADE IMPROVEMENT UNDER THE SHOULDER TO DRAIN TO UNDERDRAINS SHALL BE INCLUDED IN THE COST PER SQ. YD. OF AGGREGATE SUBGRADE IMPROVEMENT 24".
2. THE MAXIMUM ROLLOVER BETWEEN THE PAVEMENT AND THE SHOULDER ON THE HIGH SIDE OF THE SUPERELEVATION IS 8.0%.
3. FOR PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED) DETAILS, SEE JOINTING AND PCC PAVEMENT DETAIL PLAN.
4. SEE SE TRANSITION DATA TABLE FOR SUPERELEVATION TRANSITIONS.
5. EXISTING SLOPE AND PAVEMENT AS SHOWN IS BASED ON I-90/94 PLANS, 1987, FIELD VERIFICATION IS REQUIRED FOR CORRECT SLOPES AND PAVEMENT.
6. SEE ROADWAY DETAILS FOR ADDITIONAL INFORMATION AND LIMITS OF VARIOUS TYPES OF CONCRETE BARRIERS.

BOXED ITEMS ARE INCLUDED IN THE COST OF THE CONTRACT.

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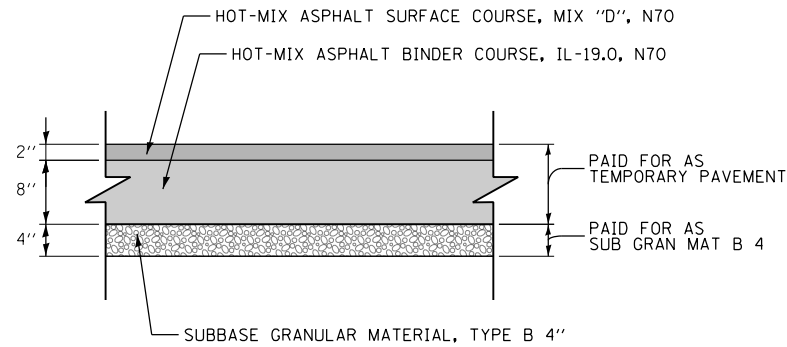
**TYPICAL SECTIONS**

SCALE: NONE SHEET 9 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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<b>CONTRACT NO. 60W28</b>				
ILLINOIS FED. AID PROJECT				

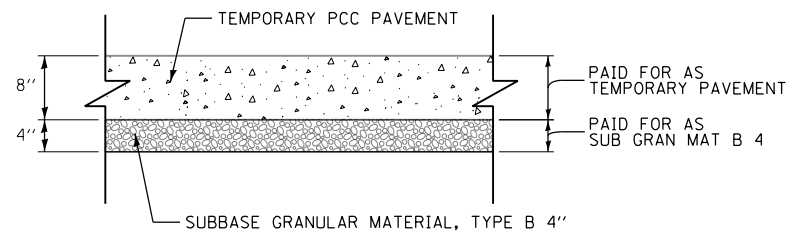
**TEMPORARY PAVEMENT DETAILS:**

**DETAIL A: FULL DEPTH TEMPORARY HMA PAVEMENT**



**TEMPORARY HMA PAVEMENT FOR  
TEMPORARY RAMP NW, TEMPORARY RAMP  
SW, AND TAYLOR ENTRANCE RAMP**

**DETAIL B: TEMPORARY PCC PAVEMENT**



**TEMPORARY PCC PAVEMENT FOR  
TEMPORARY RAMP NW, TEMPORARY RAMP  
SW, AND TAYLOR ENTRANCE RAMP**

**TEMPORARY PAVEMENT GENERAL NOTES:**

1. THE CONTRACTOR SHALL HAVE THE OPTION OF USING HMA OR PCC SECTION FOR TEMPORARY PAVEMENT.
2. TEMPORARY HMA TEMPORARY PAVEMENT SHALL CONSIST OF TWO ITEMS: HMA BINDER COURSE AND HMA SURFACE COURSE.
3. PORTLAND CEMENT CONCRETE TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ARTICLE 1020 OF THE STANDARD SPECIFICATIONS. TEMPORARY PCC PAVEMENT DOES NOT REQUIRE DOWEL BARS.
4. QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

**HOT MIX ASPHALT MIXTURE REQUIREMENTS**

MIXTURE TYPE	AIR VOIDS (%) @ NDES	OMP
TEMPORARY PAVEMENT ( IF HMA OPTION IS SELECTED BY CONTRACTOR)		
TEMPORARY RAMP NW AND TEMPORARY RAMP SW		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, ( IL-9.5 MM): 2"	4% @ 70 GYR	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70: 8" ( IN 3 LIFTS)	4% @ 70 GYR	QC/QA
<b>WB I-290</b>		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, ( IL-9.5 MM): 1 3/4"	4% @ 90 GYR	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70: 2 1/4"	4% @ 70 GYR	QC/QA
<b>RAMP NW, TAYLOR ENTRANCE RAMP, WB I-290, AND RAMP SW ( INTERIM)</b>		
STABILIZED SUBBASE - HOT-MIX ASPHALT, 4" ( HMA BINDER IL-19 MM)	3% @ 50 GYR	QCP
OMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE ( QC/QA); QUALITY CONTROL FOR PERFORMANCE ( QCP)		

1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
2. THE AC TYPE FOR POLYMERIZED HMA MIXTURES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE SPECIAL PROVISIONS.

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REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**

SCALE: NONE SHEET 10 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	31
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				



I-290 WB (UNDER NW RAMP ONLY)

STRUCTURAL DESIGN TRAFFIC: YEAR 2040  
 PV= 29,607 SU= 302 MU= 302  
 ROAD/STREET CLASSIFICATION: CLASS I  
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:  
 P= 50% S= 50% M= 50%  
 TRAFFIC FACTOR: ACTUAL TF= 2.58 AC TYPE= \_\_\_\_\_  
 MINIMUM TF= 11.17  
 PG GRADE: BINDER= \_\_\_\_\_ SURFACE= \_\_\_\_\_  
 SUBGRADE SUPPORT RATING  
 SSR= POOR

RAMP NW

STRUCTURAL DESIGN TRAFFIC: YEAR 2040  
 PV= 35,008 SU= 1,318 MU= 1,318  
 ROAD/STREET CLASSIFICATION: CLASS I  
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:  
 P= 100% S= 100% M= 100%  
 TRAFFIC FACTOR: ACTUAL TF= \_\_\_\_\_ AC TYPE= \_\_\_\_\_  
 MINIMUM TF= 10.05  
 PG GRADE: BINDER= \_\_\_\_\_ SURFACE= \_\_\_\_\_  
 SUBGRADE SUPPORT RATING  
 SSR= POOR

ROOSEVELT ENTRANCE RAMP

STRUCTURAL DESIGN TRAFFIC: YEAR 2040  
 PV= 4,958 SU= 93 MU= 93  
 ROAD/STREET CLASSIFICATION: CLASS I  
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:  
 P= 100% S= 100% M= 100%  
 TRAFFIC FACTOR: ACTUAL TF= 1.57 AC TYPE= \_\_\_\_\_  
 MINIMUM TF= 11.17  
 PG GRADE: BINDER= \_\_\_\_\_ SURFACE= \_\_\_\_\_  
 SUBGRADE SUPPORT RATING  
 SSR= POOR

**AGGREGATE SUBGRADE IMPROVEMENT AND GEOTECHNICAL FABRIC FOR GROUND STABILIZATION**

AGGREGATE SUBGRADE IMPROVEMENT (ASI), HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSUITABLE OR UNSTABLE. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION IS TO BE PLACED BELOW THE ASI. THOUGH THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH ASI WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH EITHER A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 AND THE UNDERCUT GUIDELINES IN THE IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS ENCOUNTERED, THE SOIL SHALL BE REMOVED AND REPLACED WITH PGES AS DETERMINED BY THE GEOTECHNICAL ENGINEER. IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

FILE PATH = C:\Users\alizzadeh\N\Desktop\Fprints\Final Sheets\0160W28-shr-Typical-11.dgn



D:\160W28-shr-Typical-11.dgn	DESIGNED - OPS	REVISED -
USER NAME = alizzadeh	DRAWN - NSA	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - KCF	REVISED -
PLOT DATE = 4/27/2014	DATE - 04/28/14	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: NONE SHEET 11 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	32
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				

**REMOVAL SCHEDULE**

SHEET	STATION	TO	STATION	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (OVER 15 UNITS DIAMETER)	TREE REMOVAL, ACRES	PAVEMENT REMOVAL	COMBINATION CURB AND GUTTER REMOVAL	CONCRETE BARRIER REMOVAL	PAVED SHOULDER REMOVAL	GUARDRAIL REMOVAL	CONCRETE MEDIAN SURFACE REMOVAL	REMOVE IMPACT ATTENUATORS, NO SALVAGE	APPROACH SLAB REMOVAL	FENCE REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL, 2"
				UNIT	UNIT	ACRE	SO YD	FOOT	FOOT	SO YD	FOOT	SO FT	EACH	SO YD	FOOT	SO YD
1	1802+75.00		1803+50.00				222			85						
2	1803+50.00		1814+00.00				3758		1815	1406		4052				
3	1814+00.00		1824+00.00				3839		2645	1575			1			
4	1824+00.00		1833+00.00	63	20	0.31	2664		2877	1333		122		177		
5	1833+00.00		1841+00.00	70	17	0.29	2306	1382	418	1204	51			84	534	1742
6	1841+00.00		END	10			72		103						45	
5 AND SHEET # 73	GREEN ST		UIC IN-FIELD	60												
ALLOWANCE				0	0	0	1286	0	786		0	0	0	0	0	0
ROUNDED TOTAL				203	37	0.75	14148	1382	8644	5603	51	4174	1	262	580	1743

FILE PATH = p:\388035-p\m\escomon\local\AECOM\0\Documents\01\_Americas\Transportation\6269938\_Circle\Phase\_1\000\_CAD\005\_Roadway\Sheets\60W28\_Contract\0160W28-sht-Schedule-01



D160W28-sht-Schedule-01  
 USER NAME = pimsarno  
 PLOT SCALE = 100.0000' / in.  
 PLOT DATE = 4/28/2014

DESIGNED - OPS  
 DRAWN - OPS  
 CHECKED - KCF  
 DATE - 04/28/14

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	33
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	

**ROADWAY SCHEDULE**

LOCATION	STATION	TO	STATION	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	AGGREGATE SUBGRADE IMPROVEMENT, 12"	SUBBASE GRANULAR MATERIAL, TYPE C, 4"	SUBBASE GRANULAR MATERIAL, TYPE B, 6"	POROUS GRANULAR EMBANKMENT	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"	BITUMINOUS MATERIALS (PRIME COAT)	PAVEMENT FABRIC	PROTECTIVE COAT	BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2 (JOINTED)	PORTLAND CEMENT CONCRETE BASE COURSE, 9"	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	TIE BARS 3/4"	SAW CUTS	PORTLAND CEMENT CONCRETE SHOULDERS 10"	PORTLAND CEMENT CONCRETE SHOULDERS 10 1/2"	CONCRETE MEDIAN SURFACE, 4 INCH	HOT-MIX ASPHALT BINDER COURSE, 1L-19.0, N70	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	CLASS C PATCHES, TYPE II, 12 INCH	CLASS D PATCHES, TYPE IV, 12 INCH	CLASS A PATCHES, TYPE IV, 13 INCH	PATCHING REINFORCEMENT		
				SO YD	SO YD	SO YD	SO YD	CU YD	SO YD	POUND	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	EACH	FOOT	SO YD	SO YD	SO FT	TON	TON	TON	SO YD	SO YD	SO YD
1	1802+75.00		1803+50.00	610	610	57			248			305			223						82										
2	1802+00.00		1814+00.00	10017	10017	870		497	4320			5208		100	3704					30	975	4470									
3	1814+00.00		1824+00.00	4251	4251	478		189	1453			2522	233	158	909			35	187	348	80	1699				18	214	75	75		
4	1824+00.00		1833+00.00	3236	3236	832			832	200		2571		2				151	668	2	661	1177						192	192		
5	1833+00.00		1841+00.00	3754	3754	1558		11	1126	2400		1844	192	426	310					892	90	95	166	178	129						
6	1841+00.00		END	820	820	173			361	200		419			321									17							
7																															
8																															
9																		35													
10							374			400	374					374							47	37							
ALLOWANCE				2269	2269	397	37	70	834	320	37	0	0	69	547	37	0	0	0	0	127	197	744	21	23	13	2	21	27	27	
ROUNDED TOTAL				24957	24957	4365	412	767	9174	3520	412	12869	425	755	6014	412	35	186	855	1400	2165	8186	234	256	143	20	236	294	294		

**ROADSIDE SAFETY SCHEDULE**

LOCATION	STATION	TO	STATION	SHOULDER RUMBLE STRIPS, 16 INCH	CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT	CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT	CONCRETE BARRIER TRANSITION	CONCRETE BARRIER WALL (SPECIAL)	CONCRETE BARRIER BASE	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	COMBINATION CURB AND GUTTER TYPE B V. 12 (CDOT)	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	CHAIN LINK FENCE, 6'	CHAIN LINK GATES, 6' X 6' SINGLE	CHAIN LINK GATES, 6' X 12' DOUBLE	BARRIER WALL MARKERS, TYPE C	TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)	
				FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	FOOT	EACH	EACH	EACH
1	1802+75.00		1803+50.00	151																
2	1802+00.00		1814+00.00	930	1525	133	66		1724				1						135	
3	1814+00.00		1824+00.00		774		90		864					1	440		3	68	175.0	
4	1824+00.00		1833+00.00	3	663		141		804									63	275.0	
5	1833+00.00		1841+00.00	1471	312		50	44	406			118			16	1		34	300.0	
6	1841+00.00		END	307		53			53								1	8	112.5	
7																				
8																				
9																				
10										50	207									
ALLOWANCE				0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	100
ROUNDED TOTAL				2862	3274	186	347	44	3851	50	207	118	2	2	456	1	4	308	962.5	

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D160W28-sht-Schedule-02  
 USER NAME = pimsarno  
 PLOT SCALE = 100.0000' / in.  
 PLOT DATE = 4/28/2014

DESIGNED - OPS  
 DRAWN - OPS  
 CHECKED - KCF  
 DATE - 04/28/14

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NONE SHEET 2 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	34
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	

**EARTHWORK SCHEDULE**

FROM STATION	TO STATION	EARTH EXCAVATION (20200100)				REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS (20201200)				* EXCAVATION TO BE USED IN EMBANKMENT (15% SHRINKAGE) [EARTH EXCAVATION * 0.85]				* EMBANKMENT				* EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)				** FURNISHED EXCAVATION (20400800)
		CU YD				CU YD				CU YD				CU YD				CU YD				CU YD
		STG 1	STG 2	STG 3	STG 4	STG 1	STG 2	STG 3	STG 4	STG 1	STG 2	STG 3	STG 4	STG 1	STG 2	STG 3	STG 4	STG 1	STG 2	STG 3	STG 4	TOTAL
RAMP NW ( INCLUDING PR. RETAINING WALLS 016-1720, 016-1722, & 016-1723)																						
1802+50.00	1802+75.00	0	5	16	0	0	1	2	0	0	4	13	0	0	0	0	0	0	4	13	0	
1802+75.00	1803+00.00	0	10	31	0	0	1	4	0	0	9	26	0	0	0	0	0	0	9	26	0	
1803+00.00	1803+50.00	0	20	59	0	0	2	7	0	0	17	50	0	0	0	0	0	0	17	50	0	
1803+50.00	1804+00.00	0	19	57	0	0	2	7	0	0	16	48	0	0	0	0	0	0	16	48	0	
1804+00.00	1804+50.00	0	20	60	0	0	2	7	0	0	17	51	0	0	0	0	0	0	17	51	0	
1804+50.00	1805+00.00	0	21	64	0	0	3	8	0	0	18	54	0	0	0	0	0	0	18	54	0	
1805+00.00	1805+50.00	0	21	62	0	0	3	8	0	0	18	53	0	0	0	0	0	0	18	53	0	
1805+50.00	1806+00.00	0	20	59	0	0	2	7	0	0	17	50	0	0	0	0	0	0	17	50	0	
1806+00.00	1806+50.00	0	23	68	0	0	3	8	0	0	19	57	0	0	0	0	0	0	19	57	0	
1806+50.00	1806+91.96	0	24	71	0	0	3	8	0	0	20	61	0	0	2	6	0	0	18	55	0	
1806+91.96	1807+00.00	0	5	15	0	0	1	2	0	0	4	13	0	0	1	2	0	0	4	11	0	
1807+00.00	1807+50.00	0	31	92	0	0	4	11	0	0	26	78	0	0	5	15	0	0	21	63	0	
1807+50.00	1808+00.00	0	30	91	0	0	4	11	0	0	26	77	0	0	7	20	0	0	19	58	0	
1808+00.00	1808+50.00	0	31	92	0	0	4	11	0	0	26	78	0	0	8	23	0	0	19	56	0	
1808+50.00	1809+00.00	0	32	96	0	0	4	11	0	0	27	82	0	0	8	23	0	0	20	59	0	
1809+00.00	1809+50.00	0	36	107	0	0	4	12	0	0	30	91	0	0	8	23	0	0	23	68	0	
1809+50.00	1810+00.00	0	38	115	0	0	4	13	0	0	33	98	0	0	7	20	0	0	26	77	0	
1810+00.00	1810+50.00	0	35	105	0	0	4	12	0	0	30	89	0	0	6	19	0	0	24	71	0	
1810+50.00	1811+00.00	0	26	78	0	0	3	9	0	0	22	66	0	0	7	20	0	0	15	46	0	
1811+00.00	1811+50.00	0	12	36	0	0	2	5	0	0	10	31	0	0	7	20	0	0	3	10	0	
1811+50.00	1812+00.00	0	2	6	0	0	0	1	0	0	2	5	0	0	15	44	0	0	-13	-39	0	
1812+00.00	1812+50.00	0	0	0	0	0	0	0	0	0	0	0	0	0	39	116	0	0	-39	-116	0	
1812+50.00	1813+00.00	0	0	0	0	0	0	0	0	0	0	0	0	0	65	195	0	0	-65	-195	0	
1813+00.00	1813+50.00	0	7	20	0	0	1	2	0	0	6	17	0	0	90	270	0	0	-84	-253	0	
1813+50.00	1813+60.00	0	3	8	0	0	1	2	0	0	2	6	0	0	11	32	0	0	-8	-25	0	
1813+60.00	1814+00.00	0	10	29	0	0	3	8	0	0	8	24	0	0	0	0	0	0	8	24	0	
1814+00.00	1814+50.00	0	12	35	0	0	4	11	0	0	10	29	0	0	0	0	0	0	10	29	0	
1814+50.00	1815+00.00	0	8	23	0	0	3	10	0	0	6	19	0	0	0	0	0	0	6	19	0	
1815+00.00	1815+50.00	0	4	13	0	0	3	8	0	0	4	11	0	0	0	0	0	0	4	11	0	
1815+50.00	1816+00.00	0	5	14	0	0	3	9	0	0	4	11	0	0	0	0	0	0	4	11	0	
1816+00.00	1816+50.00	0	4	13	0	0	4	11	0	0	4	11	0	0	0	0	0	0	4	11	0	
1816+50.00	1817+00.00	0	4	12	0	0	4	11	0	0	3	10	0	0	0	0	0	0	3	10	0	
1817+00.00	1817+50.00	0	5	14	0	0	4	12	0	0	4	11	0	0	0	0	0	0	4	11	0	
1817+50.00	1818+00.00	0	6	17	0	0	4	13	0	0	5	15	0	0	0	0	0	0	5	15	0	
1818+00.00	1818+19.17	0	3	8	0	0	2	6	0	0	2	6	0	0	0	0	0	0	2	6	0	
1818+19.17	1818+45.67	0	4	11	0	0	4	11	0	0	3	10	0	0	0	0	0	0	3	10	0	
1818+45.67	1818+50.00	0	1	2	0	0	1	3	0	0	1	2	0	0	0	0	0	0	1	2	0	
1818+50.00	1818+51.17	0	0	1	0	0	1	2	0	0	0	1	0	0	0	0	0	0	0	1	0	
1818+51.17	1818+53.67	0	1	2	0	0	1	2	0	0	0	1	0	0	0	0	0	0	0	1	0	
SUBTOTAL		0	532	1597	0	0	94	281	0	0	452	1357	0	0	282	846	0	0	170	511	0	

• NOT A PAY ITEM.

•• FURNISHED EXCAVATION IS ASSUMED TO EQUAL EMBANKMENT DUE TO THE UNCERTAINTY IN THE PERCENTAGE OF EARTH EXCAVATION THAT IS CLASSIFIED AS SPECIAL, NON-SPECIAL, AND HAZARDOUS WASTE.

NOTE: REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS WAS ESTIMATED BY TOTALING 4" OF EXISTING TOPSOIL REMOVAL, 10% OF EARTH MOVED, AND 10% OF STRUCTURAL EXCAVATION (EARTH MOVED = EARTH EXCAVATION / 0.90)

FILE PATH = p:\388935-part1-ecomonline-local\p\AECOM\Documents\01\_Americas\Transportation\6269938\_Circle\Phase\_1\000\_CAD\005\_Roadway\Sheets\60W28-sht-Schedule-03



D160W28-sht-Schedule-03  
 USER NAME = moronik  
 PLOT SCALE = 50.0000' / in.  
 PLOT DATE = 4/24/2014

DESIGNED - KAM  
 DRAWN - KAM  
 CHECKED - KCF  
 DATE - 04/28/14

REVISED -  
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 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	35
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				

**EARTHWORK SCHEDULE**

FROM STATION	TO STATION	EARTH EXCAVATION (20200100)				REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS (20201200)				* EXCAVATION TO BE USED IN EMBANKMENT (15% SHRINKAGE) [EARTH EXCAVATION * 0.85]				* EMBANKMENT				* EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)				** FURNISHED EXCAVATION (20400800)
		CU YD				CU YD				CU YD				CU YD				CU YD				CU YD
		STG 1	STG 2	STG 3	STG 4	STG 1	STG 2	STG 3	STG 4	STG 1	STG 2	STG 3	STG 4	STG 1	STG 2	STG 3	STG 4	STG 1	STG 2	STG 3	STG 4	TOTAL
RAMP NW ( INCLUDING PR. RETAINING WALLS 016-1720, 016-1722, & 016-1723)																						
BRIDGE OMISSION																						
1838+16.17	1838+18.17	0	0	2	0	0	0	5	0	0	0	2	0	0	0	4	0	0	0	-2	0	
1838+18.17	1838+23.67	0	0	5	0	0	0	13	0	0	0	4	0	0	0	26	0	0	0	-22	0	
1838+23.67	1838+50.00	0	0	23	0	0	0	44	0	0	0	20	0	0	0	136	0	0	0	-116	0	
1838+50.00	1838+62.56	0	0	11	0	0	0	18	0	0	0	9	0	0	0	50	0	0	0	-41	0	
1838+62.56	1838+98.00	0	0	30	0	0	0	45	0	0	0	26	0	0	0	91	0	0	0	-66	0	
1838+98.00	1839+00.00	0	0	2	0	0	0	4	0	0	0	2	0	0	0	4	0	0	0	-2	0	
1839+00.00	1839+50.00	0	0	40	0	0	0	60	0	0	0	34	0	0	0	71	0	0	0	-37	0	
1839+50.00	1840+00.00	0	0	37	0	0	0	58	0	0	0	31	0	0	0	67	0	0	0	-36	0	
1840+00.00	1840+17.00	0	0	13	0	0	0	20	0	0	0	11	0	0	0	24	0	0	0	-13	0	
1840+17.00	1840+50.00	0	0	29	0	0	0	39	0	0	0	25	0	0	0	52	0	0	0	-27	0	
1840+50.00	1841+00.00	0	0	93	0	0	0	65	0	0	0	79	0	0	0	62	0	0	0	17	0	
1841+00.00	1841+26.23	0	0	88	0	0	0	37	0	0	0	75	0	0	0	22	0	0	0	53	0	
1841+26.23	1841+50.00	0	0	114	0	0	0	35	0	0	0	97	0	0	0	16	0	0	0	81	0	
1841+50.00	1841+54.92	0	0	29	0	0	0	10	0	0	0	25	0	0	0	9	0	0	0	16	0	
1841+54.92	1841+78.17	0	0	142	0	0	0	40	0	0	0	121	0	0	0	72	0	0	0	49	0	
1841+78.17	1842+00.00	0	0	151	0	0	0	35	0	0	0	128	0	0	0	35	0	0	0	93	0	
1842+00.00	1842+02.61	0	0	21	0	0	0	5	0	0	0	18	0	0	0	1	0	0	0	17	0	
1842+02.61	1842+50.00	0	0	182	0	0	0	33	0	0	0	155	0	0	0	1	0	0	0	154	0	
	SUBTOTAL	0	0	1012	0	0	0	566	0	0	0	860	0	0	0	743	0	0	0	117	0	
INFIELD GRADING BETWEEN RAMP NW ABUTMENTS ( SEE GRADING PLAN)																						
	SUBTOTAL	276	940	2013	1714	155	235	592	566	235	799	1711	1457	38	1301	2665	1615	197	-502	-954	-157	
RAMP NW ( TEMP ) - NB TEMP EXIT																						
1507+53.30	1508+00.00	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	
1508+00.00	1508+50.00	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	
1508+50.00	1509+00.00	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	
1509+00.00	1509+50.00	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	
1509+50.00	1510+00.00	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	
1510+00.00	1510+50.00	3	0	0	0	1	0	0	0	3	0	0	0	0	0	0	0	3	0	0	0	
1510+50.00	1511+00.00	13	0	0	0	2	0	0	0	11	0	0	0	0	0	0	0	11	0	0	0	
1511+00.00	1511+50.00	45	0	0	0	5	0	0	0	38	0	0	0	0	0	0	0	38	0	0	0	
1511+50.00	1512+00.00	112	0	0	0	13	0	0	0	95	0	0	0	0	0	0	0	95	0	0	0	
1512+00.00	1512+50.00	118	0	0	0	14	0	0	0	100	0	0	0	0	0	0	0	100	0	0	0	
1512+50.00	1513+00.00	56	0	0	0	7	0	0	0	48	0	0	0	0	0	0	0	48	0	0	0	
1513+00.00	1513+50.00	28	0	0	0	4	0	0	0	24	0	0	0	0	0	0	0	24	0	0	0	
1513+50.00	1513+54.63	3	0	0	0	1	0	0	0	3	0	0	0	0	0	0	0	3	0	0	0	
	SUBTOTAL	383	0	0	0	52	0	0	0	326	0	0	0	0	0	0	0	326	0	0	0	
RAMP NW ( TEMP ) - WB TEMP ENTRANCE																						
1520+75.18	1521+00.00	0	0	5	0	0	0	1	0	0	0	4	0	0	0	1	0	0	0	3	0	
1521+00.00	1521+50.00	0	0	30	0	0	0	4	0	0	0	26	0	0	0	0	0	0	0	26	0	
1521+50.00	1522+00.00	0	0	55	0	0	0	7	0	0	0	47	0	0	0	0	0	0	0	47	0	
1522+00.00	1522+50.00	0	0	64	0	0	0	8	0	0	0	54	0	0	0	0	0	0	0	54	0	
1522+50.00	1523+00.00	0	0	46	0	0	0	6	0	0	0	39	0	0	0	0	0	0	0	39	0	
1523+00.00	1523+50.00	0	0	29	0	0	0	4	0	0	0	25	0	0	0	0	0	0	0	25	0	
1523+50.00	1524+00.00	0	0	38	0	0	0	5	0	0	0	32	0	0	0	0	0	0	0	32	0	
1524+00.00	1524+50.00	0	0	31	0	0	0	4	0	0	0	26	0	0	0	0	0	0	0	26	0	
1524+50.00	1525+00.00	0	0	14	0	0	0	2	0	0	0	12	0	0	0	0	0	0	0	12	0	
1525+00.00	1525+50.00	0	0	14	0	0	0	2	0	0	0	12	0	0	0	0	0	0	0	12	0	
1525+50.00	1525+90.00	0	0	7	0	0	0	1	0	0	0	6	0	0	0	0	0	0	0	6	0	
	SUBTOTAL	0	0	333	0	0	0	44	0	0	0	283	0	0	0	1	0	0	0	282	0	

\* NOT A PAY ITEM.

\*\* FURNISHED EXCAVATION IS ASSUMED TO EQUAL EMBANKMENT DUE TO THE UNCERTAINTY IN THE PERCENTAGE OF EARTH EXCAVATION THAT IS CLASSIFIED AS SPECIAL, NON-SPECIAL, AND HAZARDOUS WASTE.

NOTE: REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS WAS ESTIMATED BY TOTALING 4" OF EXISTING TOPSOIL REMOVAL, 10% OF EARTH MOVED, AND 10% OF STRUCTURAL EXCAVATION (EARTH MOVED = EARTH EXCAVATION / 0.90)

FILE PATH = p:\388935-part1-ecocommonline-local\p\AECOM\00\Documents\01\_Americas\Transportation\66269938\_Circle\Phase\_1\000\_CAD\005\_Roadway\_Sheets\66W28-sht-Schedule-04



D160W28-sht-Schedule-04  
 USER NAME = moronik  
 PLOT SCALE = 50.0000' / in.  
 PLOT DATE = 4/24/2014

DESIGNED - KAM	REVISED -
DRAWN - KAM	REVISED -
CHECKED - KCF	REVISED -
DATE - 04/28/14	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	36
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				

**EARTHWORK SCHEDULE**

FROM STATION	TO STATION	EARTH EXCAVATION (20200100)				REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS (20201200)				* EXCAVATION TO BE USED IN EMBANKMENT (15% SHRINKAGE) [EARTH EXCAVATION * 0.85]				* EMBANKMENT				* EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)				** FURNISHED EXCAVATION (20400800)		
		CU YD				CU YD				CU YD				CU YD				CU YD				CU YD		
		STG 1	STG 2	STG 3	STG 4	STG 1	STG 2	STG 3	STG 4	STG 1	STG 2	STG 3	STG 4	STG 1	STG 2	STG 3	STG 4	STG 1	STG 2	STG 3	STG 4	STG 1	STG 2	STG 3
RAMP SW (TEMP)																								
3501+92.41	3502+00.00	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	
3502+00.00	3502+26.39	0	0	6	0	0	0	1	0	0	0	5	0	0	0	0	0	0	0	0	0	5	0	
3502+26.39	3502+50.00	0	0	10	0	0	0	2	0	0	0	9	0	0	0	0	0	0	0	0	0	9	0	
3502+50.00	3502+87.80	0	0	23	0	0	0	3	0	0	0	20	0	0	0	0	0	0	0	0	0	20	0	
3502+87.80	3503+00.00	0	0	7	0	0	0	1	0	0	0	6	0	0	0	0	0	0	0	0	0	6	0	
3503+00.00	3503+50.00	0	0	21	0	0	0	3	0	0	0	18	0	0	0	1	0	0	0	0	0	17	0	
3503+50.00	3504+00.00	0	0	11	0	0	0	2	0	0	0	9	0	0	0	1	0	0	0	0	0	8	0	
3504+00.00	3504+50.00	0	0	10	0	0	0	2	0	0	0	9	0	0	0	0	0	0	0	0	0	9	0	
3504+50.00	3505+00.00	0	0	4	0	0	0	1	0	0	0	3	0	0	0	0	0	0	0	0	0	3	0	
3505+00.00	3505+05.20	0	0	3	0	0	0	1	0	0	0	3	0	0	0	0	0	0	0	0	0	3	0	
3505+05.20	3505+35.52	0	0	4	0	0	0	1	0	0	0	3	0	0	0	0	0	0	0	0	0	3	0	
3505+35.52	3505+35.71	0	0	3	0	0	0	1	0	0	0	3	0	0	0	0	0	0	0	0	0	3	0	
3505+35.71	3505+50.00	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	
3505+50.00	3506+00.00	0	0	5	0	0	0	1	0	0	0	4	0	0	0	0	0	0	0	0	0	4	0	
3506+00.00	3506+50.00	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	
3506+50.00	3507+00.00	0	0	2	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	2	0	
3507+00.00	3507+50.00	0	0	2	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	2	0	
3507+50.00	3508+00.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3508+00.00	3508+50.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3508+50.00	3509+00.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3509+00.00	3509+50.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3509+50.00	3509+64.30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SUBTOTAL		0	0	114	0	0	0	24	0	0	0	97	0	0	0	2	0	0	0	0	0	95	0	2
PR. RETAINING WALL 016-1809 ("P-CIR-SW" STATIONING)																								
1322+49.13	1322+75.00	4	4	4	0	16	16	16	0	3	3	3	0	45	45	45	0	-42	-42	-42	0			
1322+75.00	1323+00.00	8	8	8	0	14	14	14	0	7	7	7	0	103	103	103	0	-97	-97	-97	0			
1323+00.00	1323+25.00	9	9	9	0	14	14	14	0	7	7	7	0	124	124	124	0	-116	-116	-116	0			
1323+25.00	1323+50.00	1	1	1	0	12	12	12	0	1	1	1	0	117	117	117	0	-116	-116	-116	0			
1323+50.00	1323+75.00	1	1	1	0	12	12	12	0	1	1	1	0	112	112	112	0	-111	-111	-111	0			
1323+75.00	1324+00.00	0	0	0	0	11	11	11	0	0	0	0	0	102	102	102	0	-102	-102	-102	0			
1324+00.00	1324+11.41	0	0	0	0	6	6	6	0	0	0	0	0	41	41	41	0	-41	-41	-41	0			
1324+11.41	1324+25.00	0	0	0	0	6	6	6	0	0	0	0	0	46	46	46	0	-46	-46	-46	0			
1324+25.00	1324+50.00	0	0	0	0	10	10	10	0	0	0	0	0	78	78	78	0	-78	-78	-78	0			
1324+50.00	1324+75.00	0	0	0	0	9	9	9	0	0	0	0	0	69	69	69	0	-69	-69	-69	0			
1324+75.00	1325+00.00	0	0	0	0	9	9	9	0	0	0	0	0	67	67	67	0	-67	-67	-67	0			
1325+00.00	1325+11.96	0	0	0	0	4	4	4	0	0	0	0	0	35	35	35	0	-35	-35	-35	0			
1325+11.96	1325+13.70	0	0	0	0	1	1	1	0	0	0	0	0	5	5	5	0	-5	-5	-5	0			
1325+13.70	1325+18.70	0	0	0	0	2	2	2	0	0	0	0	0	10	10	10	0	-10	-10	-10	0			
SUBTOTAL		23	23	23	0	85	85	85	0	20	20	20	0	644	644	644	0	-624	-624	-624	0			1932
		STG 1	STG 2	STG 3	STG 4	STG 1	STG 2	STG 3	STG 4	STG 1	STG 2	STG 3	STG 4	STG 1	STG 2	STG 3	STG 4	STG 1	STG 2	STG 3	STG 4	TOTAL		
	TOTAL	682	1496	5092	1714	292	414	1593	566	580	1271	4329	1457	682	2227	4901	1615	-102	-955	-572	-157	9424		
	ROUNDED TOTAL	8985				2865				7640				9425				-1790				9425		

• NOT A PAY ITEM.

•• FURNISHED EXCAVATION IS ASSUMED TO EQUAL EMBANKMENT DUE TO THE UNCERTAINTY IN THE PERCENTAGE OF EARTH EXCAVATION THAT IS CLASSIFIED AS SPECIAL, NON-SPECIAL, AND HAZARDOUS WASTE.

NOTE: REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS WAS ESTIMATED BY TOTALING 4" OF EXISTING TOPSOIL REMOVAL, 10% OF EARTH MOVED, AND 10% OF STRUCTURAL EXCAVATION (EARTH MOVED = EARTH EXCAVATION / 0.90)



D160W28-sht-Schedule-05  
 USER NAME = maronik  
 PLOT SCALE = 50.0000' / in.  
 PLOT DATE = 4/24/2014

DESIGNED - KAM  
 DRAWN - KAM  
 CHECKED - KCF  
 DATE - 04/28/14

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	37
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	

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**OMITTED**

FILE PATH = p:\388035\pmt\escomonline\local\AECOM\00\Documents\01\Americas\Transportation\60269938 Circle\Phase\_1\000\_CAD\005\_Roadway\Sheets\60W28\_Contract\0160W28-sht-Schedule-06



D160W28-sht-Schedule-06	DESIGNED -	REVISED -
USER NAME = maronik	DRAWN -	REVISED -
PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/24/2014	DATE - 04/28/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	38
<b>CONTRACT NO. 60W28</b>				
ILLINOIS FED. AID PROJECT				

**EXISTING DRAINAGE STRUCTURE SCHEDULE (IDOT)**

STATION	OFFSET	CATCH BASINS TO BE ADJUSTED	MANHOLES TO BE ADJUSTED	REMOVING MANHOLES	REMOVING CATCH BASINS	REMOVING INLETS	CATCH BASINS TO BE RECONSTRUCTED	MANHOLES TO BE RECONSTRUCTED	COMMENTS
		EACH	EACH	EACH	EACH	EACH	EACH	EACH	
<b>RAMP NW</b>									
1804+08.81	18.76' RT		1						EX RIM EL = 577.86 PR RIM EL = 577.86
1804+15.90	20.15' RT	1							EX RIM EL = 577.87 PR RIM EL = 577.87
1805+13.03	19.44' RT		1						EX RIM EL = 576.80 PR RIM EL = 576.80
1806+52.57	35.91' RT				1				
1806+92.37	21.97' LT				1				
1807+78.25	12.35' LT			1					
1807+88.95	20.39' LT				1				
1807+89.24	32.95' RT				1				
1808+66.23	10.73' LT			1					
1808+94.84	32.91' RT				1				
1810+17.31	29.33' RT				1				
1810+18.98	9.84' LT			1					
1812+80.43	25.89' RT				1				
1812+81.60	10.35' LT				1				
1814+48.09	17.24' LT				1				
1814+81.04	15.14' LT			1					
1815+15.73	8.71' LT				1				
1815+16.21	13.71' LT				1				
1815+21.24	26.89' RT					1			
1817+52.51	8.45' LT			1					
1817+56.99	14.98' LT					1			
1817+61.43	25.86' RT					1			
1817+62.66	10.56' LT						1		
1818+88.54	25.52' LT			1					
1819+06.45	22.38' LT	1							EX RIM EL = 581.19 PR RIM EL = 581.19
1821+89.46	30.96' LT				1				
1821+97.43	36.87' LT			1					
1823+43.46	36.86' LT						1		
1823+52.01	42.45' LT	1							EX RIM EL = 582.01 PR RIM EL = 582.01
1823+84.07	44.42' LT							1	EX RIM EL = 581.45 PR RIM EL = 581.45
1824+65.83	10.30' RT	1							EX RIM EL = 579.65 PR RIM EL = 580.13
1824+85.38	52.32' LT		1						EX RIM EL = 580.11 PR RIM EL = 580.11
1825+02.05	8.55' RT	1							EX RIM EL = 578.91 PR RIM EL = 580.32
1825+03.22	12.76' RT								
1825+90.83	62.97' LT		1						EX RIM EL = 578.74 PR RIM EL = 578.74
1826+30.44	60.49' LT						1		EX RIM EL = 577.97 PR RIM EL = 577.97
1826+31.12	55.50' LT							1	
1826+85.56	25.30' LT			1					
1826+87.13	30.05' LT							1	
1827+23.40	29.19' RT							1	
1827+80.93	44.79' LT							1	
1828+10.53	2.93' RT							1	
1828+24.37	45.65' RT							1	
1828+36.85	26.12' RT							1	
1828+40.43	74.12' RT							1	
1831+01.95	54.57' RT		1						EX RIM EL = 573.31 PR RIM EL = 573.31
1831+06.27	63.80' RT	1							EX RIM EL = 573.16 PR RIM EL = 573.16
1831+50.56	33.22' RT							1	
1831+60.63	29.65' RT							1	
1833+52.12	32.87' LT							1	
1833+93.84	23.82' RT							1	
1834+00.98	35.55' LT	1							EX RIM EL = 583.03 PR RIM EL = 583.03
1834+33.74	90.63' RT							1	EX RIM EL = 583.44 PR RIM EL = 583.44
1834+92.21	36.63' LT		1						EX RIM EL = 579.77 PR RIM EL = 579.77
1834+92.64	13.59' LT		1						EX RIM EL = 580.06 PR RIM EL = 579.79
1834+97.33	33.82' LT	1							EX RIM EL = 579.47 PR RIM EL = 579.47
1835+03.51	32.95' LT	1							EX RIM EL = 579.14 PR RIM EL = 579.14
1835+88.00	10.89' RT							1	
1835+97.47	7.74' RT							1	
1835+95.09	13.72' RT		1						EX RIM EL = 576.08 PR RIM EL = 576.08
1836+37.36	19.13' RT							1	
1836+46.57	15.65' RT							1	
1836+82.11	25.91' LT		1						EX RIM EL = 575.03 PR RIM EL = 575.25
1837+02.10	33.30' LT	1							EX RIM EL = 575.29 PR RIM EL = 575.44
1838+37.60	12.04' LT							1	
1839+64.33	13.58' LT							1	
TOTALS		10	9	10	23	11	2	1	

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D160W28-sht-Schedule-Drain-01  
 USER NAME = chiuw  
 PLOT SCALE = 100.0000' / in.  
 PLOT DATE = 4/28/2014

DESIGNED - DMS/ AFC  
 DRAWN - AFC  
 CHECKED - E E Y  
 DATE - 4/28/2014

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE AND UTILITY SCHEDULES**

SCALE: NTS SHEET 1 OF 7 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	39
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				

**EXISTING PIPE SCHEDULE (IDOT)**

DRAINAGE AND UTILITY SHEET NO.	STATION	TRENCH BACKFILL	STORM SEWER REMOVAL						VIDEO TAPING OF MAIN DRAIN	MAIN DRAIN CLEANING	TELEVISION INSPECTION OF SEWER	STORM SEWERS TO BE CLEANED				
			10"	12"	18"	21"	24"	30"				10"	12"	18"	21"	24"
			FOOT									FOOT	FOOT	FOOT	FOOT	
		CU YD														
1	1799+15.31 to 1803+50.00	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	1803+50.00 to 1814+00.00	18.2	0	200	327	0	0	0	0	0	222	0	82	74	0	0
3	1814+00.00 to 1824+00.00	57.5	0	204	0	0	31	272	1840	0	532	0	79	0	0	156
4	1824+00.00 to 1833+00.00	16.2	0	218	0	0	0	0	5480	2740	212	0	52	0	0	280
5	1833+00.00 to 1841+00.00	33.4	89	61	0	12	0	0	0	0	214	107	0	0	192	0
6	1841+00.00 to 1842+02.61	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	ROUNDED TOTAL	125.3	89	683	327	12	31	272	7320	2740	1180	107	213	74	192	436

**NOTES:**

- ADDITIONAL TRENCH BACKFILL QUANTITY PROVIDED ON THE DRAINAGE AND UTILITY SCHEDULE FOR THE PROPOSED STORM SEWER AND SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL SCHEDULE FOR TEMPORARY DRAINAGE.
- THE QUANTITY PROVIDED FOR TELEVISION INSPECTION OF SEWER CONSIST OF WORK BEFORE AND AFTER CONSTRUCTION.

**EXISTING STRUCTURE SCHEDULE (CITY OF CHICAGO)**

NORTHING	EASTING	REMOVING MANHOLES	REMOVING CATCH BASINS
		EACH	EACH
<b>GREEN STREET</b>			
1897822.53	1170813.84	1	
1898165.62	1170781.82		1
1898168.08	1170817.22		1
TOTALS		1	2

**EXISTING PIPE SCHEDULE (CITY OF CHICAGO)**

STATION	TRENCH BACKFILL	COMBINED SEWER REMOVAL		
		8"	12"	24"
	CU YD	FOOT		
GREEN STREET ( SOUTH LIMITS)	0.0	-	26	42
GREEN STREET ( NORTH LIMITS)	126.4	36	-	75
	126.4	36	26	117

**EXISTING UTILITY STRUCTURE SCHEDULE (CITY OF CHICAGO)**

STATION	OFFSET	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	REMOVE EXISTING VALVE AND VAULT	COMMENTS
		(EA)	(EA)	
47+15.37	3.82' LT		1	ALIGNMENT ALONG WM; STRUCTURE PREVIOUSLY FILLED
47+18.58	0.00		1	ALIGNMENT ALONG WM RELOCATION
51+11.44	0.00		1	ALIGNMENT ALONG WM RELOCATION
51+14.95	4.52' RT	1		ALIGNMENT ALONG WM RELOCATION
TOTALS		1	3	

FILE PATH = p:\388035-p\m\1\escomon\me\local\AECOM\Documents\01\_Americas\Transportation\62659938\_Circle\Phase\_1\000\_CAD\005\_Roadway\Sheets\60W28\_Contract\0160W28-sht-Schedule-Drain-02



D160W28-sht-Schedule-Drain-02  
 USER NAME = ch1ue  
 PLOT SCALE = 100.0000' / in.  
 PLOT DATE = 4/28/2014

DESIGNED - DMS/AF/MS  
 DRAWN - DMS  
 CHECKED - EEY  
 DATE - 4/28/2014

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE AND UTILITY SCHEDULES**

SCALE: NTS SHEET 2 OF 7 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	40
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	

**PROPOSED DRAINAGE STRUCTURE SCHEDULE (IDOT)**

STRUCTURE	LOCATION	OFFSET	( EDGE OF PAVEMENT, EDGE OF SHOULDER, OR CENTER OF STRUCTURE )	RIM (ELEV)	N. INVERT (ELEV)	W. INVERT (ELEV)	E. INVERT (ELEV)	S. INVERT (ELEV)	NE. INVERT (ELEV)	NW. INVERT (ELEV)	SE. INVERT (ELEV)	SW. INVERT (ELEV)	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	CATCH BASINS, TYPE C, TYPE 8 GRATE	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	TEMPORARY BULKHEAD						
<b>RAMP NW</b>																													
S-11 (FST)	1806+92.37	21.97' LT	COS	578.07				567.27 (EX)	566.12		567.62	566.12 (EX)										1							
S-11A	1806+69.73	12.54' RT	COS	575.20						568.46	568.46		1																
S-12	1806+55.00	37.39' RT	EOS	574.84	569.00					569.00						1													
S-13	1807+90.00	30.21' RT	EOS	580.62				570.94								1													
S-14	1807+78.25	10.75' LT	COS	574.25	566.35							566.35					1												
S-15 (FST)	1809+60.70	10.50' LT	COS	571.65	566.83		566.83	566.83									1												
S-16 (FST)	1809+60.70	26.75' RT	EOS	570.94	566.98	566.98										1													
S-17 (FST)	1809+96.61	26.75' RT	EOS	571.03				567.14								1													
S-18 (FST)	1810+18.29	13.00' LT	EOS	571.40	567.09			567.09								1													
S-19 (FST)	1811+18.36	13.00' LT	EOS	572.59				567.53								1													
S-20	1814+81.46	19.75' LT	COS	577.64	568.93	568.93 (EX)		568.93										1											
S-21	1814+60.61	16.58' LT	EOS	577.63	569.08			569.08								1													
S-22	1814+34.20	16.58' LT	EOS	579.02	569.28																	1							
S-23	1815+16.15	16.58' LT	EOS	577.32	569.11			569.11								1													
S-24	1815+75.00	16.58' LT	EOS	577.68	569.42	569.42		569.42								1													
S-25	1816+70.00	16.58' LT	EOS	578.67		569.91		569.91								1													
S-26	1817+80.00	16.58' LT	EOS	579.89		573.00										1													
S-28	1812+81.60	13.00' LT	EOS	578.53	571.26		571.26					567.91 (EX)		1															
S-28A	1813+10.00	13.00' LT	EOS	579.64				572.38								1													
S-29	1812+81.60	21.50' RT	COS	579.22	571.90	571.90											1												
S-30	1813+93.00	21.50' RT	COS	583.67	576.38	576.38		576.38									1												
S-31	1813+93.00	13.00' LT	EOS	582.98			577.02										1												
S-32	1815+60.00	21.50' RT	COS	590.35		583.06		583.06									1												
S-33	1815+60.00	13.00' LT	EOS	589.66	583.70		583.70										1												
S-34	1818+10.00	13.00' LT	EOS	599.66				593.70									1												
S-35	1818+60.00	5.00' LT	COS	584.27	576.75			DS-11 SCUPPER								1													
S-35A (FST)	1818+88.54	25.52' LT	COS	581.22			576.50		576.50 (EX)			576.50 (EX)					1												
S-36	1818+90.00	9.50' LT	COS	584.16	576.59			576.59									1												
S-36A	1819+75.00	9.50' LT	COS	584.24	577.09		577.02	577.02									1												
S-36B	1819+75.00	3.82' LT	COS	583.02		577.09										1													
S-37	1820+45.00	2.00' LT	COS	584.78		577.48		DS-11 SCUPPER								1													
S-37A	1820+45.00	9.50' LT	COS	584.18			577.44	577.44	577.44								1												
S-37B	1821+25.00	4.09' RT	COS	583.14								577.85				1													
S-38	1822+30.00	1.50' LT	COS	586.49		577.81	577.81	DS-11 SCUPPER								1													
S-38A	1822+30.00	14.00' RT	COS	587.47		577.89		DS-11 SCUPPER								1													
S-38B	1822+28.71	38.11' LT	COS	582.87			577.63										1												
S-38C (FST)	1823+75.00	3.47' LT	COS	580.33						575.54						1													
S-39	1824+20.00	4.00' RT	COS	581.55				DS-11 SCUPPER	575.71							1													
S-39A (FST)	1826+85.56	25.30' LT	COS	580.35							575.14	573.64 (EX)					1												
S-40 (FST)	1825+90.00	17.50' LT	COS	580.51				DS-11 SCUPPER	575.61	575.61			1																
S-40A (FST)	1826+00.00	0.61' LT	COS	579.41								575.71				1													
S-41	1827+40.00	7.50' LT	COS	579.77				DS-11 SCUPPER		571.85						1													
S-42	1827+80.00	38.00' LT	COS	579.57	571.61	571.61					571.61					1													
S-42A	1827+80.76	43.54' LT	EOS	579.29							571.57	571.57 (EX)				1													
S-43	1828+70.00	11.00' LT	COS	577.90					572.06							1													
S-43A (FST)	1828+40.43	74.12' RT	COS	578.11					574.94 (EX)			574.50 (EX)				1													
<b>42</b>																													
<b>SUBTOTALS</b>													2	11	4	15	0	11	2	0	0	1	0						

NOTES:  
 1. WHERE THE STRUCTURE IS ABBREVIATED FST, THE PROPOSED STRUCTURE SHALL BE A FLAT SLAB TOP.



D160W28-sht-Schedule-Drain-03	DESIGNED - DMS/AFK	REVISED -
USER NAME = chiu	DRAWN - DMS	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - EEY	REVISED -
PLOT DATE = 4/28/2014	DATE - 4/28/2014	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE AND UTILITY SCHEDULES**

SCALE: NTS      SHEET 3 OF 7 SHEETS      STA.      TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	41
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				

FILE PATH = p:\388035-p\m\1\escomon\line\local\PAE\CDM000\Documents\01\_Americas\Transportation\62629938\_Circle\Phase\1\000\_CAD\005\_Roadway\Sheets\60W28-sht-Schedule-Drain-03

**PROPOSED DRAINAGE STRUCTURE SCHEDULE (IDOT)**

STRUCTURE	LOCATION	OFFSET	( EDGE OF PAVEMENT, EDGE OF SHOULDER, OR CENTER OF STRUCTURE )	RIM ( ELEV )	N. INVERT ( ELEV )	W. INVERT ( ELEV )	E. INVERT ( ELEV )	S. INVERT ( ELEV )	NE. INVERT ( ELEV )	NW. INVERT ( ELEV )	SE. INVERT ( ELEV )	SW. INVERT ( ELEV )	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	CATCH BASINS, TYPE C, TYPE 8 GRATE	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	TEMPORARY BULKHEAD
<b>RAMP NW</b>																							
S-44	1832+30.00	13.00' RT	COS	590.62		DS-11 SCUPPER	572.05							1									
S-44A (FST)	1831+51.41	32.89' RT	EOS	572.49				568.34 (EX)	568.34 (EX)	568.27	568.27 (EX)				1								
S-44B	1831+60.63	41.04' RT	COS	573.71		568.35					568.35					1							
S-45	1833+52.12	32.87' LT	COS	585.01		572.84 (EX)		579.01 (EX)	575.00	578.51 (EX)							1						
S-46	1833+38.59	19.80' LT	COS	587.25		575.10				580.10		575.10							1				
S-47	1833+52.19	28.14' RT	COS	591.27							582.48						1						
S-48	1834+00.00	20.66' LT	COS	583.36	575.40	575.40	575.40							1									
S-49 (FST)	1834+87.00	6.00' RT	COS	580.16		DS-11 SCUPPER	575.84	575.56 (EX)						1									
S-50	1833+93.84	23.82' LT	COS	589.72		586.50 (EX)		575.63						1									
S-53	1838+00.00	10.00' RT	COS	583.19		DS-11 SCUPPER		572.13						1									
S-54 (FST)	1838+08.93	21.53' LT	EOS	575.68	571.75	571.75										1							
S-55 (FST)	1838+38.48	19.83' LT	EOS	575.69			571.65									1							
S-56	1838+55.00	16.00' RT	EOS	598.09		589.56										1							
S-57	1839+85.00	13.00' RT	COS	589.11		574.29	583.29	573.29									1						
S-58	1840+42.69	16.00' RT	EOS	584.99		574.58	574.58									1							
S-59	1841+26.37	21.33' RT	EOS	580.36			575.00									1							
S-60 (FST)	1839+85.25	22.25' LT	COS	576.54	572.55	572.55	572.55										1						
S-61 (FST)	1839+64.70	22.25' LT	COS	576.44		572.48											1						
S-62 (FST)	1840+04.92	19.58' LT	EOS	576.58		572.64	572.64									1							
S-63 (FST)	1841+04.92	19.58' LT	EOS	577.01			573.08									1							
S-64	1836+77.13	69.97' RT	COS	592.64		587.10											1						
S-65	1838+49.78	33.79' RT	COS	593.57		583.56	583.56	583.56					1										
S-66	1838+50.00	21.02' RT	COS	593.10	583.82												1						
S-67	1839+82.47	25.52' RT	COS	592.78			580.90	580.90					1										
S-68	1840+42.69	19.68' RT	COS	593.24			579.91										1						
S-69	1836+84.04	35.00' LT	COS	575.29			569.79		569.79 (EX)			569.79 (EX)			1								
S-69A	1835+55.00	35.00' LT	COS	577.26	570.36	570.36											1						
S-69B (FST)	1835+50.00	12.79' RT	COS	574.59			570.57										1						
<b>78" MAIN DRAIN AT WB I-290</b>																							
S-MD1	351+54.91	13.27' LT	COS	576.80		555.66 (FUTUR	555.66														1		
S-MD2	353+85.00	13.86' LT	COS	586.05		555.54	555.52 (FUTURE)														1		
W BULKHEAD	345+19.68	13.52' LT	-	-																		1	
E BULKHEAD	353+85.00	13.86' LT	-	-																		1	
<b>RAMP SW ( INTERIM )</b>																							
S-70 (FST)	1303+96.66	6.57' RT	COS	574.03					569.10			569.10 (EX)					1						
S-71 (FST)	1303+75.00	12.33' RT	EOS	573.62						569.20		569.20				1							
S-72	1303+79.31	21.75' RT	COS	575.87							569.26				1								
<b>SUBTOTALS</b>													2	3	4	9	4	8	0	1	2	0	2
<b>TOTALS</b>													4	14	8	24	4	19	2	1	2	1	2

**NOTES:**

1. WHERE THE STRUCTURE IS ABBREVIATED FST, THE PROPOSED STRUCTURE SHALL BE A FLAT SLAB TOP.



D160W28-sht-Schedule-Drain-04  
 USER NAME = chiue  
 PLOT SCALE = 100.0000' / in.  
 PLOT DATE = 4/28/2014

DESIGNED - DMS/AFK  
 DRAWN - DMS  
 CHECKED - EEY  
 DATE - 4/28/2014

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE AND UTILITY SCHEDULES**

SCALE: NTS SHEET 4 OF 7 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	42
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	

**PROPOSED DRAINAGE PIPE SCHEDULE (IDOT)**

PIPE	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION	PIPE SLOPE (%)	STORM SEWERS												TRENCH BACKFILL
						STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE	STORM SEWERS, CLASS A, TYPE 1		STORM SEWERS, CLASS A, TYPE 2			STORM SEWERS, CLASS A, TYPE 3			STORM SEWERS, CLASS A, TYPE 4	STORM SEWERS, CLASS A, TYPE 5	STORM SEWERS JACKED IN PLACE 78" (SPECIAL)	
						12"	12"	15"	12"	15"	18"	12"	15"	18"	12"	78"		
<b>RAMP NW</b>																		
P-11A	S-11A	S-11	568.46	567.62	2.00%				42							38.1		
P-12	S-12	S-11A	569.00	568.46	2.00%				27							9.6		
P-13	S-13	S-12	570.94	569.00	1.44%				135							105.0		
P-14	S-14	S-11	566.35	566.12	0.26%								87			101.8		
P-15	S-15	S-14	566.83	566.35	0.26%						183					70.0		
P-16	S-16	S-15	566.98	566.83	0.43%				35							5.8		
P-17	S-17	S-16	567.14	566.98	0.44%		36									4.4		
P-18	S-18	S-15	567.09	566.83	0.45%				58							10.6		
P-19	S-19	S-18	567.53	567.09	0.44%				100							19.5		
P-21	S-21	S-20	569.08	568.93	0.73%				21							19.3		
P-22	S-22	S-21	569.28	569.08	0.74%				27							27.0		
P-23	S-23	S-20	569.11	568.93	0.51%				35							31.3		
P-24	S-24	TEMPORARY BULKHEAD <sup>2</sup>	569.42	569.34	1.00%					8						7.3		
P-24A	S-24	S-23	569.42	569.11	0.53%				59							50.6		
P-25	S-25	TEMPORARY BULKHEAD <sup>2</sup>	569.91	569.83	1.00%					8						8.0		
P-25A	S-25	S-24	569.91	569.42	0.52%				95							85.5		
P-26	S-26	TEMPORARY BULKHEAD <sup>2</sup>	573.00	572.92	1.00%					8						3.7		
P-28A	S-28A	S-28	572.38	571.26	4.00%				28							19.7		
P-29	S-29	S-28	571.90	571.26	2.00%				32							22.6		
P-30	S-30	S-29	576.38	571.90	4.00%				112							79.3		
P-31	S-31	S-30	577.02	576.38	2.00%				32							12.4		
P-32	S-32	S-30	583.06	576.38	4.00%				167							117.8		
P-33	S-33	S-32	583.70	583.06	2.00%				32							12.4		
P-34	S-34	S-33	593.70	583.70	4.00%				250							80.0		
P-35	S-35	S-36	576.75	576.59	0.52%				31							33.7		
P-36	S-36	S-35A	576.59	576.50	0.53%				17							14.8		
P-36A	S-36A	S-36	577.02	576.59	0.51%				85							0.0		
P-36B	S-36B	S-36A	577.09	577.02	0.50%				14							0.0		
P-37	S-37	S-37A	577.48	577.44	0.50%				8							0.0		
P-37A	S-37A	S-36A	577.44	577.09	0.50%				70							0.0		
P-37B	S-37B	S-37A	577.85	577.44	0.51%				81							0.0		
P-38	S-38	S-38B	577.81	577.63	0.49%	37										5.1		
P-38A	S-38A	S-38	577.89	577.81	0.50%	16										0.0		
P-38C	S-38C	EX MH - TSC463	575.54	575.35	0.45%	42										3.9		
P-39	S-39	EX CB <sup>3</sup>	575.71	575.47	0.51%				47							0.0		
P-40	S-40	S-39A	575.61	575.14	0.51%				93							0.0		
P-40A	S-40A	S-40	575.71	575.61	0.50%				20							0.0		
P-41	S-41	S-42	571.85	571.61	0.49%				49							56.2		
P-42	S-42	S-42A	571.61	571.57	0.57%				7							6.5		
P-43	S-43	S-42	572.06	571.61	0.50%				90							88.7		
<b>SUBTOTALS</b>						95	36	0	1899	24	183	0	0	87	0	0	0	1112.5

**NOTES:**

- ADDITIONAL TRENCH BACKFILL QUANTITY PROVIDED ON THE DRAINAGE AND UTILITY SCHEDULE FOR STORM SEWER AND COMBINED SEWER REMOVAL AND SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL SCHEDULE FOR TEMPORARY DRAINAGE.
- TEMPORARY BULKHEAD SHALL BE INCLUDED IN THE COST OF STORM SEWERS.
- EXISTING DRAINAGE STRUCTURE IS FROM CONTRACT 60W71 - EAST HARRISON STREET BRIDGE.

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D160W28-sht-Schedule-Drain-05  
 USER NAME = chiue  
 PLOT SCALE = 100.0000' / in.  
 PLOT DATE = 4/28/2014

DESIGNED - DMS/ AFC  
 DRAWN - DMS/ AFC  
 CHECKED - EEE  
 DATE - 4/28/2014

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE AND UTILITY SCHEDULES**

SCALE: NTS      SHEET 5 OF 7 SHEETS      STA.      TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	43
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	





**PROPOSED PIPE UNDERDRAINS SCHEDULE**

PIPE UNDERDRAIN	UPSTREAM			DOWNSTREAM			PIPE UNDERDRAINS	PIPE UNDERDRAINS
	STRUCTURE	STATION	OFFSET	STRUCTURE	STATION	OFFSET	6"	6"
							(SPECIAL)	
							FOOT	FOOT
PU-04	-	1802+75.00	17.74' RT	S-11A	1806+69.73	14.54' RT	385	10
PU-05	-	1806+91.96	14.00' RT	S-11A	1806+69.73	14.54' RT	13	10
PU-08	-	1806+57.31	30.67' RT	S-13	1807+90.00	31.21' RT	123	10
PU-09	-	1807+96.03	27.30' RT	S-16	1809+60.69	26.75' RT	155	10
PU-10	-	1809+61.00	23.00' RT	S-17	1809+96.60	26.75' RT	26	10
PU-11	-	1811+13.35	11.00' LT	S-18	1810+18.26	13.15' LT	86	10
PU-12	-	1812+76.59	10.00' LT	S-19	1811+18.36	13.00' LT	147	10
PU-13	-	1813+07.00	12.00' LT	S-28	1812+81.60	13.00' LT	16	10
PU-14	-	1813+60.00	12.00' LT	S-28A	1813+10.00	13.00' LT	40	10
<b>ROUNDED TOTAL</b>							<b>991</b>	<b>90</b>

**PROPOSED DRAINAGE STRUCTURE SCHEDULE (CITY OF CHICAGO)**

STRUCTURE	NORTHING	EASTING	(CENTER OF STRUCTURE OR FACE OF CURB)	RIM (ELEV)	W. INVERT (ELEV)	E. INVERT (ELEV)	SE. INVERT (ELEV)	CATCH BASINS, TYPE A, 4' - DIAMETER, TYPE 1 FRAME, OPEN LID (CITY OF CHICAGO)
								EACH
<b>GREEN STREET</b>								
S-C01	1897799.36	1170799.48	COS	594.05			582.08	1
S-C03	1898215.95	1170779.15	FOC	593.20		587.78		1
S-C04	1898220.50	1170817.08	FOC	593.10	587.68			1
<b>TOTALS</b>								<b>3</b>

**PROPOSED DRAINAGE PIPE SCHEDULE (CITY OF CHICAGO)**

PIPE	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION	COMBINED SEWER, (WATER MAIN REQUIREMENTS)		TRENCH BACKFILL
					8 INCH	24 INCH	
					CDOT	CDOT	
					FOOT	FOOT	CU YD
<b>GREEN STREET</b>							
P-C01	S-C01	BLIND CONNECTION	582.08	581.98	20		0.0
P-C01A	1897788.60 (NORTHING)	1897780.60 (NORTHING)	582.00	581.96		8	0.0
	1170813.84 (EASTING)	1170813.84 (EASTING)					
P-C02	1898209.91 (NORTHING)	1898224.91 (NORTHING)	582.91	582.83		15	21.8
	1170798.87 (EASTING)	1170798.38 (EASTING)					
P-C03	S-C02	BLIND CONNECTION	587.78	582.87	18		16.6
P-C04	S-C03	BLIND CONNECTION	587.68	582.85	17		15.7
<b>ROUNDED TOTAL</b>					<b>55</b>	<b>23</b>	<b>54.1</b>

**NOTES:**

- ADDITIONAL TRENCH BACKFILL QUANTITY PROVIDED ON THE DRAINAGE AND UTILITY SCHEDULE FOR STORM SEWER AND COMBINED SEWER REMOVAL AND SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL SCHEDULE FOR TEMPORARY DRAINAGE.

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D160W28-sht-Schedule-Drain-07  
 USER NAME = chiue  
 PLOT SCALE = 100.0000' / in.  
 PLOT DATE = 4/28/2014

DESIGNED - DMS/AFK  
 DRAWN - DMS/AFK  
 CHECKED - EEY  
 DATE - 4/28/2014

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE AND UTILITY SCHEDULES**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	45
<b>CONTRACT NO. 60W28</b>				
ILLINOIS FED. AID PROJECT				

**OMITTED**

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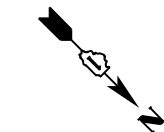
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

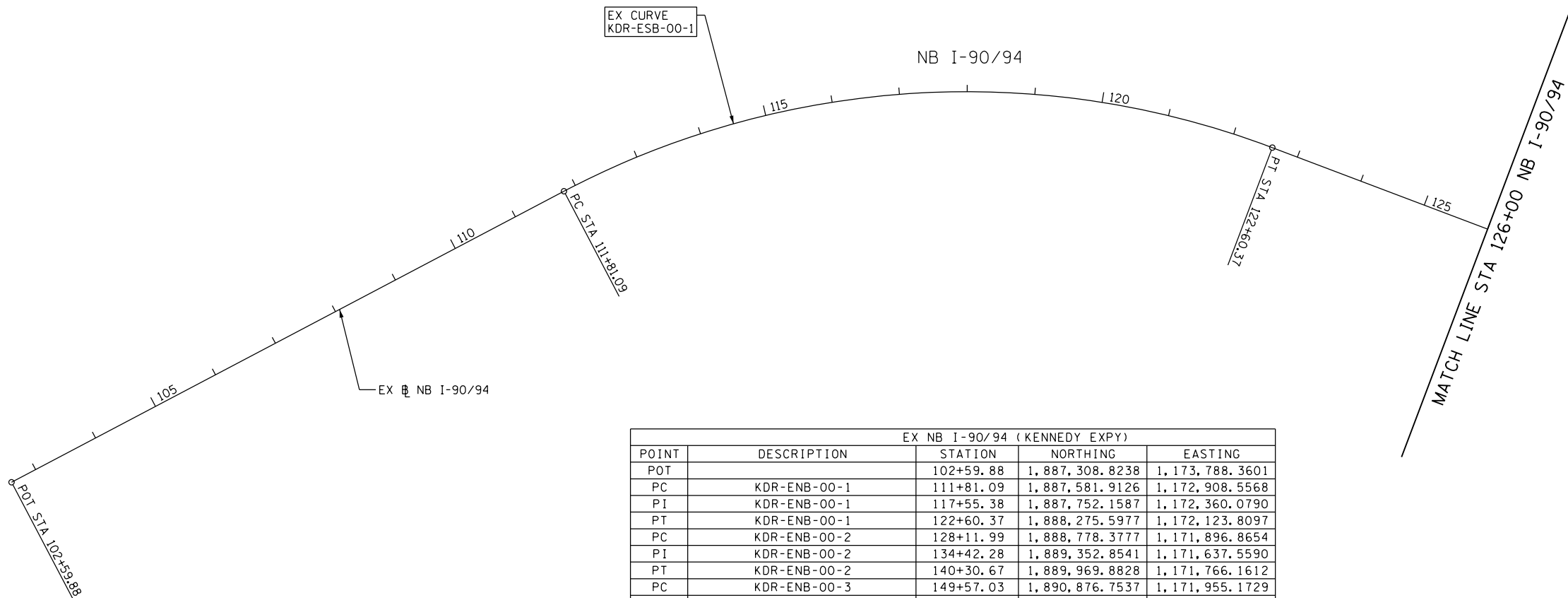
**DRAINAGE AND UTILITY SCHEDULES**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	46
<b>CONTRACT NO. 60W28</b>				
ILLINOIS FED. AID PROJECT				



GRAPHIC SCALE



EX NB I-90/94 (KENNEDY EXPY)				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		102+59.88	1,887,308.8238	1,173,788.3601
PC	KDR-ENB-00-1	111+81.09	1,887,581.9126	1,172,908.5568
PI	KDR-ENB-00-1	117+55.38	1,887,752.1587	1,172,360.0790
PT	KDR-ENB-00-1	122+60.37	1,888,275.5977	1,172,123.8097
PC	KDR-ENB-00-2	128+11.99	1,888,778.3777	1,171,896.8654
PI	KDR-ENB-00-2	134+42.28	1,889,352.8541	1,171,637.5590
PT	KDR-ENB-00-2	140+30.67	1,889,969.8828	1,171,766.1612
PC	KDR-ENB-00-3	149+57.03	1,890,876.7537	1,171,955.1729
PI	KDR-ENB-00-3	151+93.71	1,891,108.4576	1,172,003.4651
PT	KDR-ENB-00-3	154+28.14	1,891,345.0103	1,171,995.6132
POT		183+13.36	1,894,228.6347	1,171,899.8969
PC	KDR-ENB-00-4	190+77.41	1,894,992.2698	1,171,874.5496
PI	KDR-ENB-00-4	192+81.92	1,895,196.6626	1,171,867.7651
PT	KDR-ENB-00-4	194+86.31	1,895,400.3262	1,171,849.2283
PC	KDR-ENB-00-5	196+49.74	1,895,563.0812	1,171,834.4148
PI	KDR-ENB-00-5	199+68.51	1,895,880.5418	1,171,805.5204
PT	KDR-ENB-00-5	202+87.12	1,896,199.1177	1,171,794.3177
POT	209+89.95 BK, 3+06.94 AH		1,896,901.5590	1,171,770.9004
PC	KDR-ENB-00-6	5+24.89	1,897,119.3934	1,171,763.6385
PI	KDR-ENB-00-6	7+04.34	1,897,298.7419	1,171,757.6595
PT	KDR-ENB-00-6	8+83.32	1,897,475.9425	1,171,729.3467
PC	KDR-ENB-00-7	16+62.09	1,898,244.9598	1,171,606.4743
PI	KDR-ENB-00-7	20+43.63	1,898,621.7192	1,171,546.2763
PT	KDR-ENB-00-7	24+22.65	1,899,002.9421	1,171,561.7870
PC	KDR-ENB-00-8	24+61.57	1,899,041.8342	1,171,563.3694
PI	KDR-ENB-00-8	27+72.52	1,899,352.5300	1,171,576.0107
PT	KDR-ENB-00-8	30+83.20	1,899,663.3270	1,171,566.1658
POT		45+35.14	1,901,114.5368	1,171,520.1970

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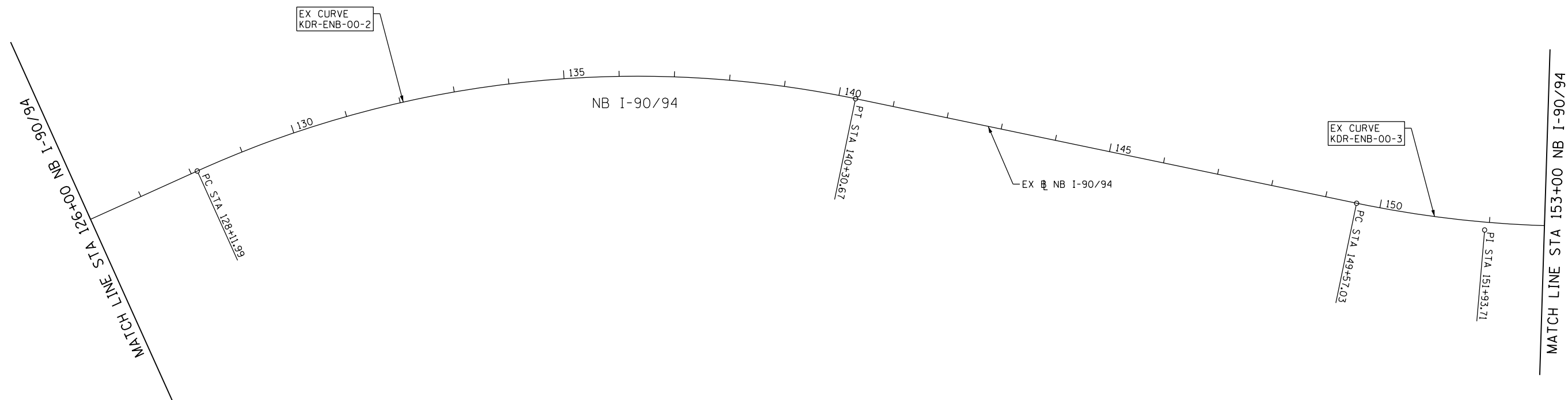
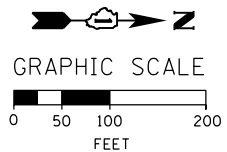
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DATE - 04/28/14	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1" = 100' SHEET 1 OF 12 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	47
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	



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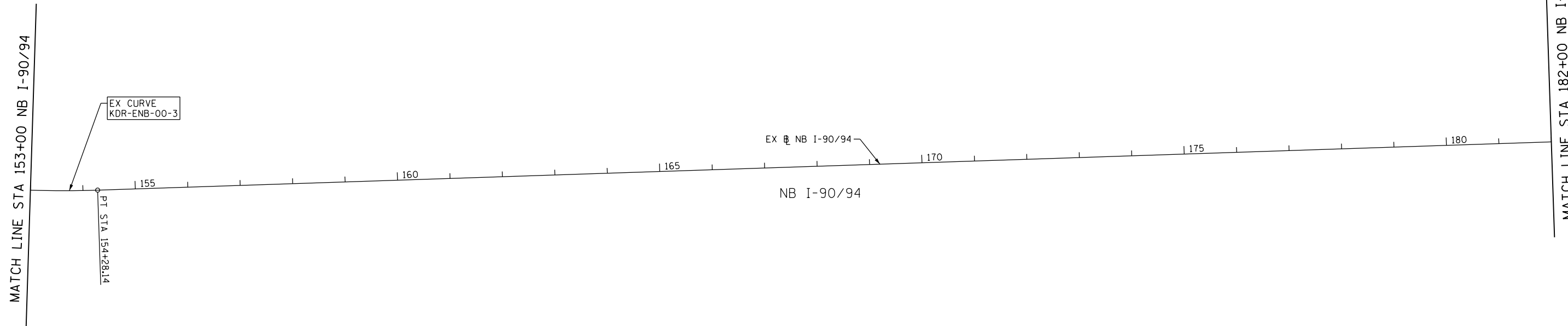
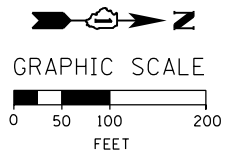
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DRAWN - NSA/OPS	REVISED -
CHECKED - KCF	REVISED -
DATE - 04/28/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT, TIES AND BENCHMARKS**

SCALE: 1" = 100'    SHEET 2 OF 12 SHEETS    STA.                    TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	48
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	



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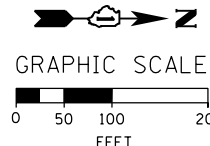
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DATE - 04/28/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT, TIES AND BENCHMARKS**

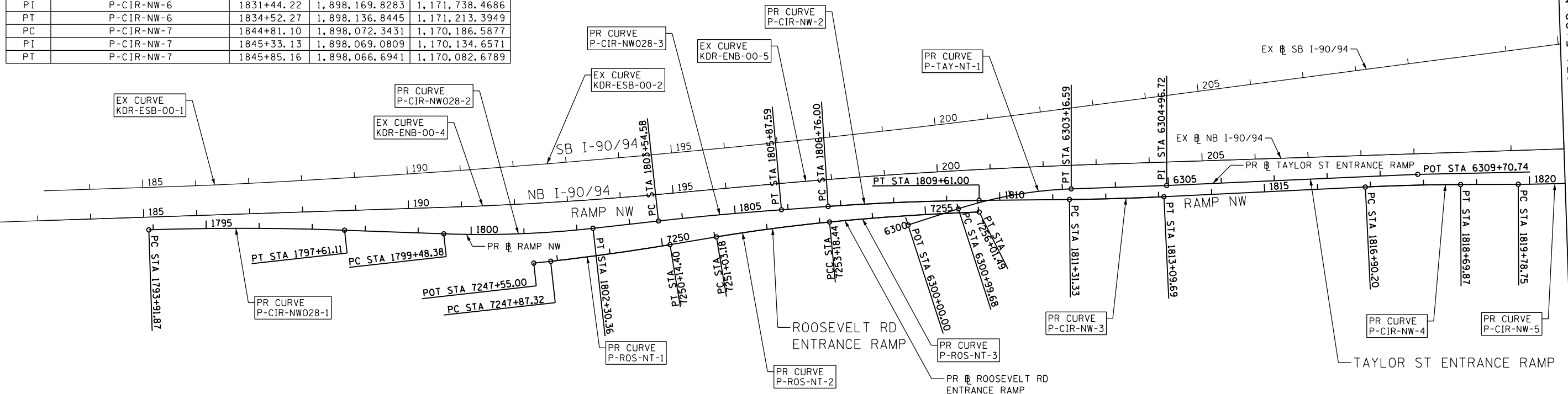
SCALE: 1" = 100'    SHEET 3 OF 12 SHEETS    STA.                      TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	49
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	



PR RAMP NW				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
PC	P-CIR-NW028-1	1793+91.87	1,894,424.9433	1,171,917.3942
PI	P-CIR-NW028-1	1795+76.56	1,894,609.5332	1,171,911.2671
PT	P-CIR-NW028-1	1797+61.11	1,894,794.1009	1,171,918.0313
PC	P-CIR-NW028-2	1799+48.38	1,894,981.2518	1,171,924.8902
PI	P-CIR-NW028-2	1800+89.63	1,895,122.4042	1,171,930.0633
PT	P-CIR-NW028-2	1802+30.36	1,895,262.7818	1,171,914.4154
PC	P-CIR-NW028-3	1803+54.58	1,895,386.2379	1,171,900.6538
PI	P-CIR-NW028-3	1804+71.10	1,895,502.0395	1,171,887.7454
PT	P-CIR-NW028-3	1805+87.59	1,895,618.2654	1,171,879.4886
PC	P-CIR-NW-2	1806+76.00	1,895,706.4495	1,171,873.2240
PI	P-CIR-NW-2	1808+18.54	1,895,848.6350	1,171,863.1231
PT	P-CIR-NW-2	1809+61.00	1,895,991.1717	1,171,861.6943
PC	P-CIR-NW-3	1811+31.33	1,896,161.4986	1,171,859.9869
PI	P-CIR-NW-3	1812+20.52	1,896,250.6848	1,171,859.0929
PT	P-CIR-NW-3	1813+09.69	1,896,339.7721	1,171,854.8014
PC	P-CIR-NW-4	1816+90.20	1,896,719.8362	1,171,836.4929
PI	P-CIR-NW-4	1817+80.05	1,896,809.5845	1,171,832.1696
PT	P-CIR-NW-4	1818+69.87	1,896,899.4361	1,171,831.7822
PC	P-CIR-NW-5	1819+78.75	1,897,008.3109	1,171,831.3128
PI	P-CIR-NW-5	1821+03.43	1,897,132.9947	1,171,830.7752
PT	P-CIR-NW-5	1822+27.97	1,897,257.1884	1,171,819.7186
PC	P-CIR-NW-6	1826+18.11	1,897,645.7922	1,171,785.1222
PI	P-CIR-NW-6	1831+44.22	1,898,169.8283	1,171,738.4686
PT	P-CIR-NW-6	1834+52.27	1,898,136.8445	1,171,213.3949
PC	P-CIR-NW-7	1844+81.10	1,898,072.3431	1,170,186.5877
PI	P-CIR-NW-7	1845+33.13	1,898,069.0809	1,170,134.6571
PT	P-CIR-NW-7	1845+85.16	1,898,066.6941	1,170,082.6789

PR ROOSEVELT RD ENTRANCE RAMP				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		7247+55.00	1,895,151.0859	1,171,980.2449
PC	P-ROS-NT-1	7247+87.32	1,895,183.2039	1,171,976.6754
PI	P-ROS-NT-1	7249+00.89	1,895,296.0805	1,171,964.1308
PT	P-ROS-NT-1	7250+14.40	1,895,408.0935	1,171,945.3809
PC	P-ROS-NT-2	7251+03.18	1,895,495.6517	1,171,930.7245
PI	P-ROS-NT-2	7252+10.85	1,895,601.8459	1,171,912.9485
PCC	P-ROS-NT-2/P-ROS-NT-3	7253+18.44	1,895,709.0118	1,171,902.5239
PI	P-ROS-NT-3	7254+60.00	1,895,849.9158	1,171,888.8174
PT	P-ROS-NT-3	7256+01.49	1,895,991.3922	1,171,883.6932



PR TAYLOR ST ENTRANCE RAMP				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		6300+00.00	1,895,857.2153	1,171,908.2544
PC	P-TAY-NT-1	6300+99.68	1,895,952.0571	1,171,877.5920
PI	P-TAY-NT-1	6302+08.82	1,896,055.9124	1,171,844.0155
PT	P-TAY-NT-1	6303+16.59	1,896,164.9841	1,171,839.9315
PI		6304+96.72	1,896,344.9999	1,171,833.5221
POT		6309+70.74	1,896,818.5567	1,171,812.5159

EX SB I-90/94 (KENNEDY EXPY)				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		183+13.36	1,894,226.7720	1,171,843.7613
PC	KDR-ESB-00-1	185+50.30	1,894,463.5855	1,171,835.9008
PI	KDR-ESB-00-1	186+12.11	1,894,525.3637	1,171,833.8503
PT	KDR-ESB-00-1	186+73.92	1,894,587.1007	1,171,830.8004
PC	KDR-ESB-00-2	186+73.95	1,894,587.1274	1,171,830.7991
PI	KDR-ESB-00-2	194+46.34	1,895,358.5739	1,171,792.6885
PT	KDR-ESB-00-2	202+17.88	1,896,124.4241	1,171,692.4111
POT	209+97.19 BK, 3+11.60 AH		1,896,897.1317	1,171,591.2358
TS	KDR-ESB-00-3B	5+79.29	1,897,162.5525	1,171,556.4826
PIS	KDR-ESB-00-3B	6+79.30	1,897,261.7152	1,171,543.4986
SC	KDR-ESB-00-3	7+29.29	1,897,311.5276	1,171,539.0772
PI	KDR-ESB-00-3	8+34.32	1,897,416.1453	1,171,529.7912
CS	KDR-ESB-00-3	9+39.11	1,897,521.1330	1,171,532.7356
PIS	KDR-ESB-00-3A	9+89.11	1,897,571.1183	1,171,534.1374
ST	KDR-ESB-00-3A	10+89.10	1,897,670.8779	1,171,541.1020

EX SB I-90/94 (KENNEDY EXPY)				
TS	DESCRIPTION	STATION	NORTHING	EASTING
	KDR-ESB-00-4B	10+95.19	1,897,676.9607	1,171,541.5267
PIS	KDR-ESB-00-4B	12+28.55	1,897,809.9894	1,171,550.8139
SC	KDR-ESB-00-4	12+95.19	1,897,876.6634	1,171,551.9707
PI	KDR-ESB-00-4	13+66.51	1,897,947.9712	1,171,553.2078
CS	KDR-ESB-00-4	14+37.76	1,898,019.1728	1,171,549.1239
PIS	KDR-ESB-00-4A	15+04.45	1,898,085.7441	1,171,545.3056
ST	KDR-ESB-00-4A	16+37.75	1,898,218.2892	1,171,530.7143
PC	KDR-ESB-00-5	16+76.77	1,898,257.0735	1,171,526.4446
PI	KDR-ESB-00-5	19+84.85	1,898,563.3008	1,171,492.7332
PT	KDR-ESB-00-5	22+92.78	1,898,870.8971	1,171,475.5242
PC	KDR-ESB-00-6	25+30.01	1,899,107.7534	1,171,462.2729
PI	KDR-ESB-00-6	28+07.67	1,899,384.9870	1,171,446.7626
PT	KDR-ESB-00-6	30+85.31	1,899,662.5150	1,171,437.9735
POT		45+34.00	1,901,110.4797	1,171,392.1175

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 PLOT DATE = 4/27/2014

DESIGNED - KAM  
 DRAWN - NSA/OPS  
 CHECKED - KCF  
 DATE - 04/28/14

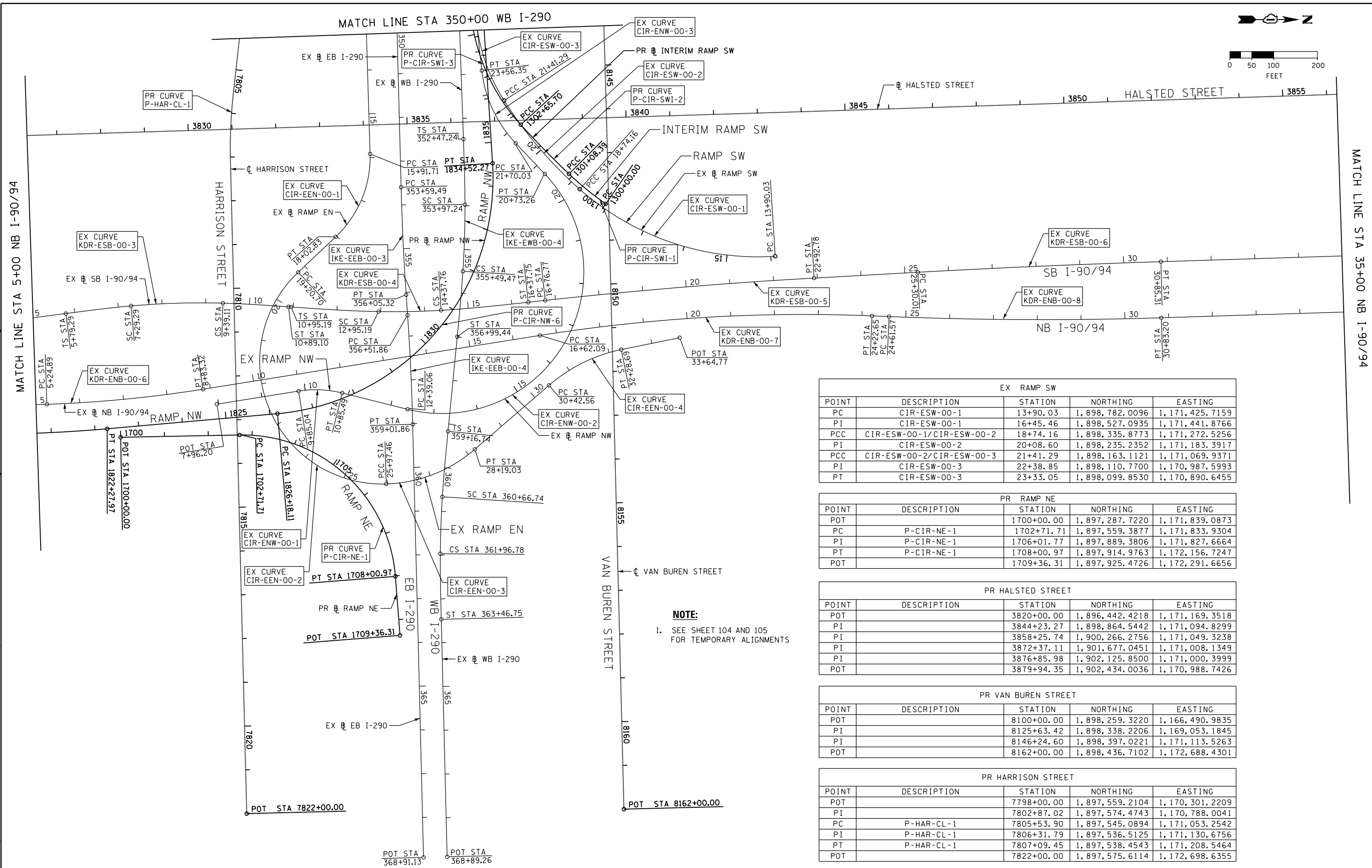
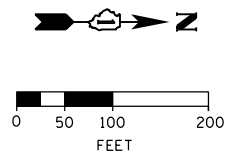
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1" = 100' SHEET 4 OF 12 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	50
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				



**NOTE:**  
1. SEE SHEET 104 AND 105 FOR TEMPORARY ALIGNMENTS

EX RAMP SW				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
PC	CIR-ESW-00-1	13+90.03	1,898,782.0096	1,171,425.7159
PI	CIR-ESW-00-1	16+45.46	1,898,527.0935	1,171,441.8766
PCC	CIR-ESW-00-1/CIR-ESW-00-2	18+74.16	1,898,335.8773	1,171,272.5256
PI	CIR-ESW-00-2	20+08.60	1,898,235.2352	1,171,183.3917
PCC	CIR-ESW-00-2/CIR-ESW-00-3	21+41.29	1,898,163.1121	1,171,069.9371
PI	CIR-ESW-00-3	22+38.85	1,898,110.7700	1,170,987.5993
PT	CIR-ESW-00-3	23+33.05	1,898,099.8530	1,170,890.6455

PR RAMP NE				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		1700+00.00	1,897,287.7220	1,171,839.0873
PC	P-CIR-NE-1	1702+71.71	1,897,559.3877	1,171,833.9304
PI	P-CIR-NE-1	1706+01.77	1,897,889.3806	1,171,827.6664
PT	P-CIR-NE-1	1708+00.97	1,897,914.9763	1,172,156.7247
POT		1709+36.31	1,897,925.4726	1,172,291.6656

PR HALSTED STREET				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		3820+00.00	1,896,442.4218	1,171,169.3518
PI		3844+23.27	1,898,864.5442	1,171,094.8299
PI		3858+25.74	1,900,266.2756	1,171,049.3238
PI		3872+37.11	1,901,677.0451	1,171,008.1349
PI		3876+85.98	1,902,125.8500	1,171,000.3999
POT		3879+94.35	1,902,434.0036	1,170,988.7426

PR VAN BUREN STREET				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		8100+00.00	1,898,259.3220	1,166,490.9835
PI		8125+63.42	1,898,338.2206	1,169,053.1845
PI		8146+24.60	1,898,397.0221	1,171,113.5263
POT		8162+00.00	1,898,436.7102	1,172,688.4301

PR HARRISON STREET				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		7798+00.00	1,897,559.2104	1,170,301.2209
PI		7802+87.02	1,897,574.4743	1,170,788.0041
PC	P-HAR-CL-1	7805+53.90	1,897,545.0894	1,171,053.2542
PI	P-HAR-CL-1	7806+31.79	1,897,536.5125	1,171,130.6756
PT	P-HAR-CL-1	7807+09.45	1,897,538.4543	1,171,208.5464
POT		7822+00.00	1,897,575.6114	1,172,698.6355



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PLOT SCALE = 200.0000' / in.	CHECKED - KCF	REVISED -
PLOT DATE = 4/26/2014	DATE - 04/28/14	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS			
SCALE:	SHEET	OF	SHEETS
1" = 100'	5	12	
STA.	TO STA.		

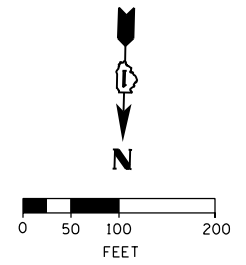
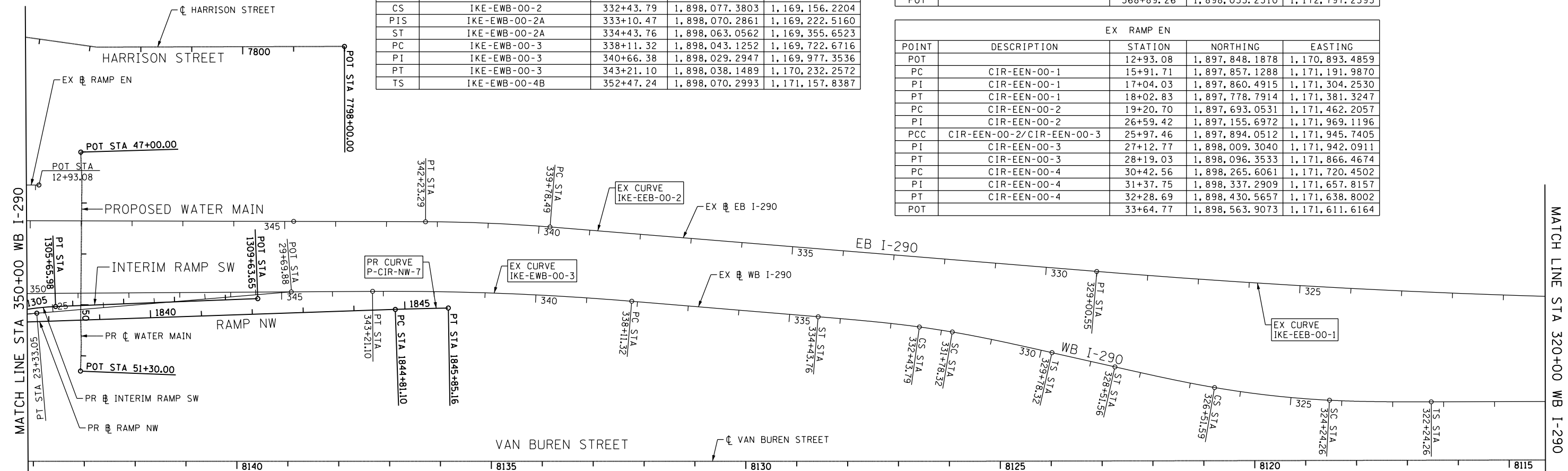
F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	51
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				



EX WB I-290 (EISENHOWER EXPY)				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		293+90.95	1,898,109.2305	1,165,314.6967
TS	IKE-EWB-00-1B	322+24.26	1,898,195.6075	1,168,146.6931
PIS	IKE-EWB-00-1B	323+57.62	1,898,199.6729	1,168,279.9836
SC	IKE-EWB-00-1	324+24.26	1,898,198.2148	1,168,346.6517
PI	IKE-EWB-00-1	325+38.06	1,898,195.7265	1,168,460.4198
CS	IKE-EWB-00-1	326+51.59	1,898,179.7466	1,168,573.0875
PIS	IKE-EWB-00-1A	327+18.26	1,898,170.3839	1,168,639.1010
ST	IKE-EWB-00-1A	328+51.56	1,898,144.7784	1,168,769.9517
TS	IKE-EWB-00-2B	329+78.32	1,898,120.4341	1,168,894.3575
PIS	IKE-EWB-00-2B	331+11.67	1,898,094.8247	1,169,025.2278
SC	IKE-EWB-00-2	331+78.32	1,898,085.4611	1,169,091.2512
PI	IKE-EWB-00-2	332+11.06	1,898,080.8638	1,169,123.6666
CS	IKE-EWB-00-2	332+43.79	1,898,077.3803	1,169,156.2204
PIS	IKE-EWB-00-2A	333+10.47	1,898,070.2861	1,169,222.5160
ST	IKE-EWB-00-2A	334+43.76	1,898,063.0562	1,169,355.6523
PC	IKE-EWB-00-3	338+11.32	1,898,043.1252	1,169,722.6716
PI	IKE-EWB-00-3	340+66.38	1,898,029.2947	1,169,977.3536
PT	IKE-EWB-00-3	343+21.10	1,898,038.1489	1,170,232.2572
TS	IKE-EWB-00-4B	352+47.24	1,898,070.2993	1,171,157.8387

EX WB I-290 (EISENHOWER EXPY)				
PIS	DESCRIPTION	STATION	NORTHING	EASTING
SC	IKE-EWB-00-4	353+47.25	1,898,073.7709	1,171,257.7841
PI	IKE-EWB-00-4	353+97.24	1,898,073.8709	1,171,307.7891
CS	IKE-EWB-00-4	354+73.38	1,898,074.0231	1,171,383.9319
PIS	IKE-EWB-00-4A	355+49.47	1,898,069.1215	1,171,459.9169
ST	IKE-EWB-00-4A	355+99.47	1,898,065.9031	1,171,509.8083
TS	IKE-EWB-00-4A	356+99.44	1,898,056.2063	1,171,609.3226
PIS	IKE-EWB-00-5B	359+16.74	1,898,035.1324	1,171,825.5961
SC	IKE-EWB-00-5B	360+16.74	1,898,025.4337	1,171,925.1303
PI	IKE-EWB-00-5	360+66.74	1,898,022.2149	1,171,975.0317
CS	IKE-EWB-00-5	361+31.77	1,898,018.0288	1,172,039.9323
PIS	IKE-EWB-00-5A	361+96.78	1,898,017.5295	1,172,104.9659
ST	IKE-EWB-00-5A	362+46.77	1,898,017.1456	1,172,154.9595
POT		363+46.75	1,898,019.6488	1,172,254.9138
		368+89.26	1,898,033.2310	1,172,797.2593

EX RAMP EN				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		12+93.08	1,897,848.1878	1,170,893.4859
PC	CIR-EEN-00-1	15+91.71	1,897,857.1288	1,171,191.9870
PI	CIR-EEN-00-1	17+04.03	1,897,860.4915	1,171,304.2530
PT	CIR-EEN-00-1	18+02.83	1,897,778.7914	1,171,381.3247
PC	CIR-EEN-00-2	19+20.70	1,897,693.0531	1,171,462.2057
PI	CIR-EEN-00-2	26+59.42	1,897,155.6972	1,171,969.1196
PCC	CIR-EEN-00-2/CIR-EEN-00-3	25+97.46	1,897,894.0512	1,171,945.7405
PI	CIR-EEN-00-3	27+12.77	1,898,009.3040	1,171,942.0911
PT	CIR-EEN-00-3	28+19.03	1,898,096.3533	1,171,866.4674
PC	CIR-EEN-00-4	30+42.56	1,898,265.6061	1,171,720.4502
PI	CIR-EEN-00-4	31+37.75	1,898,337.2909	1,171,657.8157
PT	CIR-EEN-00-4	32+28.69	1,898,430.5657	1,171,638.8002
POT		33+64.77	1,898,563.9073	1,171,611.6164



EX EB I-290 (EISENHOWER EXPY)				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		293+88.84	1,897,910.7311	1,165,300.7513
PC	IKE-EEB-00-1	314+72.13	1,897,974.3410	1,167,383.0682
PI	IKE-EEB-00-1	321+86.75	1,897,996.1608	1,168,097.3549
PT	IKE-EEB-00-1	329+00.55	1,897,958.6150	1,168,810.9878
PC	IKE-EEB-00-2	339+78.49	1,897,901.9806	1,169,887.4363
PI	IKE-EEB-00-2	341+00.95	1,897,895.5464	1,170,009.7311
PT	IKE-EEB-00-2	342+23.29	1,897,898.7017	1,170,132.1545
POT		344+82.35	1,897,905.3762	1,170,391.1241
PC	IKE-EEB-00-3	353+59.49	1,897,927.9756	1,171,267.9805
PI	IKE-EEB-00-3	354+82.42	1,897,931.1429	1,171,390.8707
PT	IKE-EEB-00-3	356+05.32	1,897,939.5781	1,171,513.5119
PC	IKE-EEB-00-4	356+51.86	1,897,942.7715	1,171,559.9401
PI	IKE-EEB-00-4	357+76.88	1,897,951.3501	1,171,684.6669
PT	IKE-EEB-00-4	359+01.86	1,897,954.4801	1,171,809.6491
POT		368+91.13	1,897,979.2472	1,172,798.6113

EX RAMP NW				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		7+96.20	1,897,507.4719	1,171,763.3763
PC	CIR-ENW-00-1	9+85.04	1,897,693.9515	1,171,733.5850
PI	CIR-ENW-00-1	10+35.96	1,897,744.2285	1,171,725.5529
PT	CIR-ENW-00-1	10+85.49	1,897,793.6250	1,171,737.8925
PC	CIR-ENW-00-2	12+39.06	1,897,942.6154	1,171,775.1112
PI	CIR-ENW-00-2	23+51.29	1,899,021.6848	1,172,044.6691
PT	CIR-ENW-00-2	20+73.26	1,898,256.1989	1,171,237.7716
PC	CIR-ENW-00-3	21+70.03	1,898,189.5975	1,171,167.5671
PI	CIR-ENW-00-3	22+66.58	1,898,123.1471	1,171,097.5218
PT	CIR-ENW-00-3	23+56.35	1,898,112.3438	1,171,001.5775
POT		29+69.88	1,898,043.6940	1,170,391.8959

PR RAMP SW INTERIM				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
PC	P-CIR-SWI-1	1300+00.00	1,898,395.2268	1,171,305.9382
PI	P-CIR-SWI-1	1300+54.30	1,898,350.6360	1,171,274.9510
PCC	P-CIR-SWI-1/P-CIR-SWI-2	1301+08.39	1,898,311.2362	1,171,237.5851
PI	P-CIR-SWI-2	1301+87.08	1,898,254.1385	1,171,183.4348
PCC	P-CIR-SWI-2/P-CIR-SWI-3	1302+65.70	1,898,201.2123	1,171,125.2006
PI	P-CIR-SWI-3	1304+21.73	1,898,096.2736	1,171,009.7374
PT	P-CIR-SWI-3	1305+65.98	1,898,085.7629	1,170,854.0667
POT		1309+63.65	1,898,058.9737	1,170,457.2996

PR WATER MAIN				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT	PWM001	47+00.00	1,897,781.3101	1,170,813.2206
PI	PWM002	47+18.58	1,897,799.8600	1,170,812.1300
PI	PWM003	47+36.60	1,897,817.8242	1,170,810.7551
PI	PWM004	47+42.10	1,897,823.3082	1,170,810.3354
PI	PWM005	47+53.45	1,897,834.6198	1,170,809.4354
PI	PWM006	50+26.06	1,898,107.1798	1,170,804.0954
PI	PWM007	50+75.23	1,898,156.2886	1,170,801.5138
PI	PWM008	51+15.45	1,898,196.5030	1,170,801.4058
POT	PWM009	51+30.00	1,898,211.0511	1,170,801.5644

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DESIGNED - KAM  
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 CHECKED - KCF  
 DATE - 04/28/14

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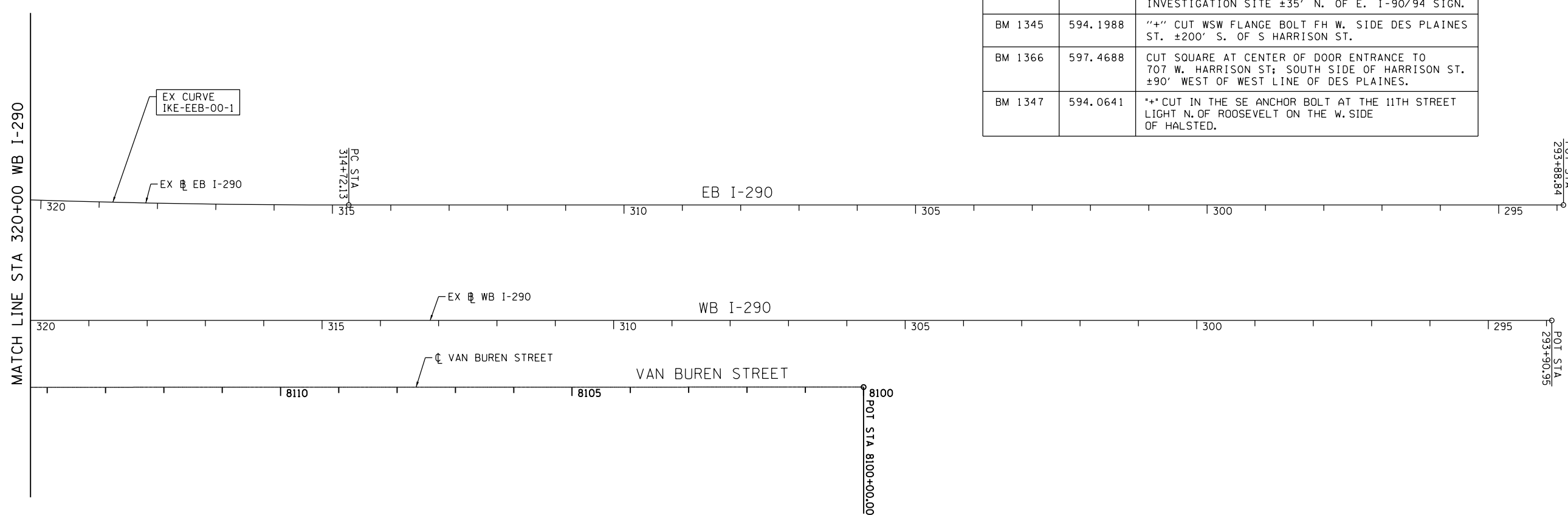
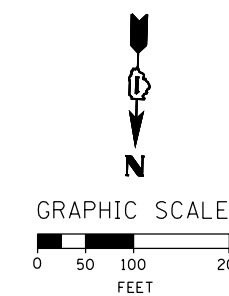
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1" = 100' SHEET 6 OF 12 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	52
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				

BENCHMARKS		
MONUMENT	ELEVATION	DESCRIPTION
BM 1100	582.6782	SET "X" @ $\phi$ OF EAST PIER @ $\phi$ OF VAN BUREN ST.
BM 1140	579.3332	SET "X" ON WESTERLY JAYWALL OF I-90 @ $\phi$ OF VAN BUREN ST.
BM 1141	575.1320	SET "X" ON WESTERLY JAYWALL OF I-90 @ $\phi$ OF OUTBOUND I-290 OVERPASS.
BM 1142	575.9003	SET "X" ON WESTERLY JAYWALL OF I-90 @ $\phi$ OF INBOUND I-290 OVERPASS.
BM 1143	580.1100	SET "X" ON WESTERLY JAYWALL OF I-90 $\pm$ 35' SOUTH OF HARRISON ST. OVERPASS.
BM 1144	585.7601	CHISEL "X" ON OVERHEAD SIGN BOLT, SIGN #D1, W. SIDE OF HARRISON. (CENTER OF 3 EAST BOLTS)
BM 1145	586.1391	CHISEL "X" ON WESTERLY BOLT OF H.M.L.P. $\phi$ OF I-90 $\pm$ 200' S. OF PUMP/LIFT STATION.
BM 1146	582.9574	SET "X" ON WESTERLY JAYWALL OF I-90 WESTBOUND $\pm$ OPPOSITE SIGN #D4
BM 1147	579.4454	SET "X" ON WESTERLY JAYWALL OF ACCIDENT INVESTIGATION SITE $\pm$ 35' N. OF E. I-90/94 SIGN.
BM 1345	594.1988	"+" CUT WSW FLANGE BOLT FH W. SIDE DES PLAINES ST. $\pm$ 200' S. OF S HARRISON ST.
BM 1366	597.4688	CUT SQUARE AT CENTER OF DOOR ENTRANCE TO 707 W. HARRISON ST; SOUTH SIDE OF HARRISON ST. $\pm$ 90' WEST OF WEST LINE OF DES PLAINES.
BM 1347	594.0641	"+" CUT IN THE SE ANCHOR BOLT AT THE 11TH STREET LIGHT N. OF ROOSEVELT ON THE W. SIDE OF HALSTED.



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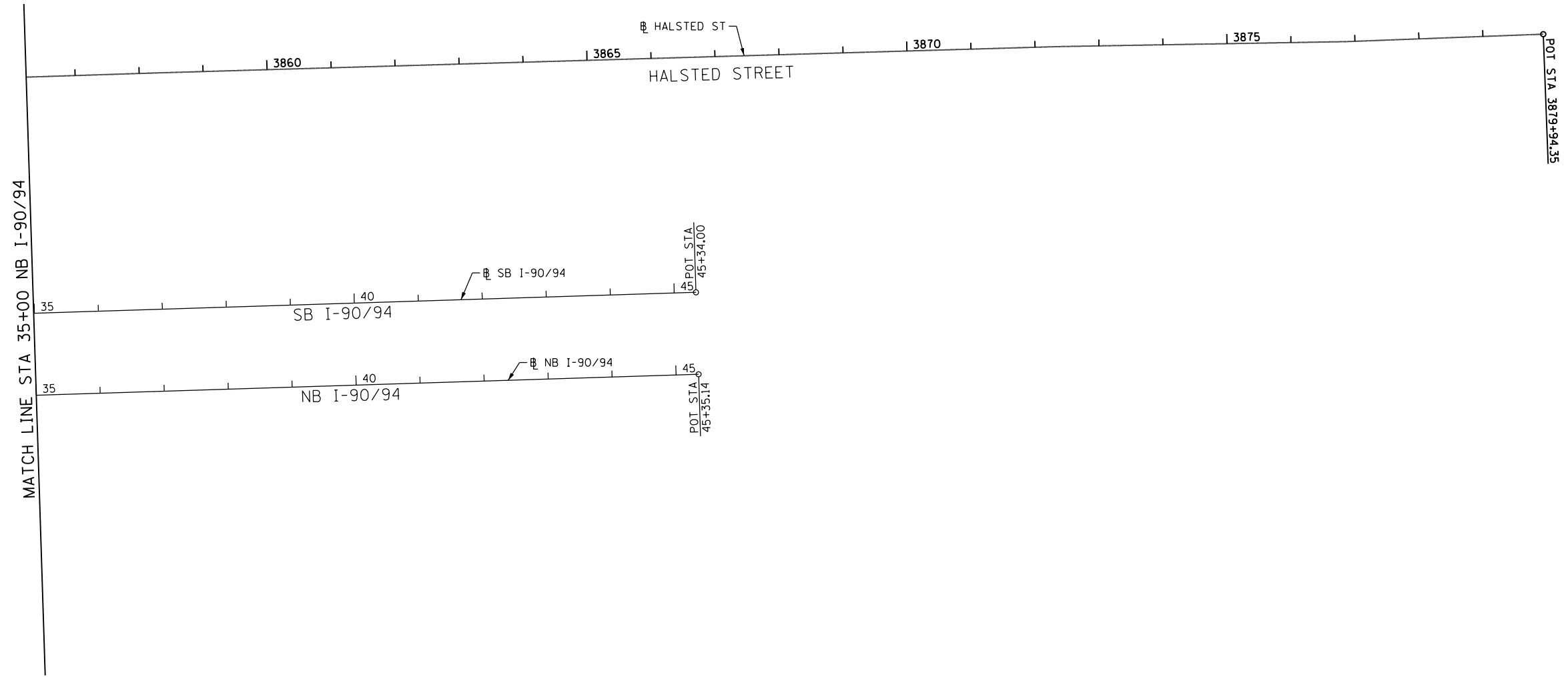
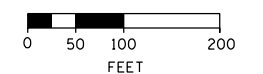
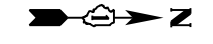
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DRAWN -	NSA/OPS	REVISED -	
CHECKED -	KCF	REVISED -	
DATE -	04/28/14	REVISED -	

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1"=100' SHEET 7 OF 12 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	53
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	



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PLOT DATE = 4/26/2014	DATE - 04/28/14	REVISED -

DESIGNED - KAM	REVISED -
DRAWN - NSA/OPS	REVISED -
CHECKED - KCF	REVISED -
DATE - 04/28/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT, TIES AND BENCHMARKS**

SCALE: 1" = 100'    SHEET 8    OF 12    SHEETS    STA.    TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	54
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	



**PROPOSED CURVE DATA**

**PROPOSED RAMP NW**

PR CURVE P-CIR-NW028-1  
 PI STA. = 1795+76.56  
 $\Delta = 4^{\circ} 00' 00''$  (RT)  
 D = 1° 05' 00"  
 R = 5,288.86'  
 T = 184.69'  
 L = 369.23'  
 E = 3.22'  
 e = N/A  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA = 1793+91.87  
 P.T. STA = 1797+61.11

PR CURVE P-CIR-NW028-2  
 PI STA. = 1800+89.63  
 $\Delta = 8^{\circ} 27' 34''$  (LT)  
 D = 3° 00' 00"  
 R = 1,909.87'  
 T = 141.25'  
 L = 281.98'  
 E = 5.22'  
 e = N/A  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA = 1799+48.38  
 P.T. STA = 1802+30.36

PR CURVE P-CIR-NW028-3  
 PI STA. = 1804+71.10  
 $\Delta = 2^{\circ} 17' 49''$  (RT)  
 D = 0° 59' 09"  
 R = 5,812.00'  
 T = 116.52'  
 L = 233.01'  
 E = 1.17'  
 e = RC = 2.00%  
 T.R. ATTAINMENT = 42'  
 S.E. RUN ATTAINMENT = 48'  
 S.E. RUN REMOVAL = N/A  
 P.C. STA = 1803+54.58  
 P.T. STA = 1805+87.59

PR CURVE P-CIR-NW-2  
 PI STA = 1808+18.54  
 $\Delta = 3^{\circ} 29' 21''$  (RT)  
 D = 1° 13' 27"  
 R = 4,680.00'  
 T = 142.54'  
 L = 285.00'  
 E = 2.17'  
 e = 2.40%  
 T.R. = N/A  
 S.E. RUN ATTAINMENT = 13.00'  
 S.E. RUN REMOVAL = 79.00'  
 P.C. STA = 1806+76.00  
 P.T. STA = 1809+61.00

PR CURVE P-CIR-NW-3  
 PI STA = 1812+20.52  
 $\Delta = 2^{\circ} 11' 01''$  (LT)  
 D = 1° 13' 27"  
 R = 4,680.00'  
 T = 89.19'  
 L = 178.36'  
 E = 0.85'  
 e = N.C.  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA = 1811+31.33  
 P.T. STA = 1813+09.69

PR CURVE P-CIR-NW-4  
 PI STA = 1817+80.05  
 $\Delta = 2^{\circ} 30' 39''$  (RT)  
 D = 1° 23' 51"  
 R = 4,100.00'  
 T = 89.85'  
 L = 179.68'  
 E = 0.98'  
 e = N.C.  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA = 1816+90.20  
 P.T. STA = 1818+69.87

PR CURVE P-CIR-NW-5  
 PI STA = 1821+03.43  
 $\Delta = 4^{\circ} 50' 26''$  (LT)  
 D = 1° 56' 32"  
 R = 2,950.00'  
 T = 124.68'  
 L = 249.22'  
 E = 2.63'  
 e = N.C.  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA = 1819+78.75  
 P.T. STA = 1822+27.97

PR CURVE P-CIR-NW-6  
 PI STA = 1831+44.22  
 $\Delta = 88^{\circ} 30' 25''$  (LT)  
 D = 10° 36' 37"  
 R = 540.00'  
 T = 526.11'  
 L = 834.16'  
 E = 213.92'  
 e = 5.40%  
 T.R. ATTAINMENT = N/A  
 S.E. RUN ATTAINMENT = 66'  
 P.C. STA = 1826+18.11  
 P.T. STA = 1834+52.27

**PROPOSED RAMP NW CONTINUED**

PR CURVE P-CIR-NW-7  
 PI STA = 1845+33.13  
 $\Delta = 0^{\circ} 57' 55''$  (RT)  
 D = 0° 55' 39"  
 R = 6,177.00'  
 T = 52.03'  
 L = 104.06'  
 E = 0.22'  
 e = N.C.  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA = 1844+81.10  
 P.T. STA = 1845+85.16

**PROPOSED INTERIM RAMP SW**

PR CURVE P-CIR-SWI-1  
 PI STA. = 1300+54.30  
 $\Delta = 8^{\circ} 41' 09''$  (RT)  
 D = 8° 00' 48"  
 R = 715.00'  
 T = 54.30'  
 L = 108.39'  
 E = 2.06'  
 e = 4.14% (MATCH EXISTING)  
 T.R. = N/A  
 S.E. RUN REMOVAL = 35.00'  
 P.C. STA = 1300+00.00  
 P.C.C. STA = 1301+08.39

PR CURVE P-CIR-SWI-2  
 PI STA. = 1301+87.08  
 $\Delta = 4^{\circ} 15' 06''$  (RT)  
 D = 2° 42' 09"  
 R = 2,120.00'  
 T = 78.69'  
 L = 157.31'  
 E = 1.46'  
 e = 2.80%  
 T.R. = N/A  
 S.E. RUN REMOVAL = 77.00'  
 P.C.C. STA = 1301+08.39  
 P.C.C. STA = 1302+65.70

PR CURVE P-CIR-SWI-3  
 PI STA. = 1304+21.73  
 $\Delta = 38^{\circ} 24' 12''$  (RT)  
 D = 12° 47' 21"  
 R = 448.00'  
 T = 156.03'  
 L = 300.28'  
 E = 26.39'  
 e = 5.80%  
 T.R. = N/A  
 S.E. RUN REMOVAL = 98.0'  
 P.C.C. STA = 1302+65.70  
 P.T. STA = 1305+65.98

**PROPOSED ROOSEVELT ROAD ENTRANCE RAMP**

PR CURVE P-ROS-NT-1  
 PI STA = 7249+00.89  
 $\Delta = 3^{\circ} 09' 40''$  (LT)  
 D = 1° 23' 31"  
 R = 4,116.00'  
 T = 113.57'  
 L = 227.09'  
 E = 1.57'  
 e = 3.58% (MATCH EXISTING)  
 T.R. = N/A  
 S.E. RUN = 41.00'  
 P.C. STA = 7247+87.32  
 P.T. STA = 7250+14.40

PR CURVE P-ROS-NT-2  
 PI STA = 7252+10.85  
 $\Delta = 3^{\circ} 56' 48''$  (RT)  
 D = 1° 50' 00"  
 R = 3,125.00'  
 T = 107.67'  
 L = 215.26'  
 E = 1.85'  
 e = N.C.  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA = 7251+03.18  
 P.C.C. STA = 7253+18.44

PR CURVE P-ROS-NT-3  
 PI STA = 7254+60.00  
 $\Delta = 3^{\circ} 28' 54''$  (RT)  
 D = 1° 13' 48"  
 R = 4,658.00'  
 T = 141.57'  
 L = 283.05'  
 E = 2.15'  
 e = N.C.  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C.C. STA = 7253+18.44  
 P.T. STA = 7256+01.49

**PROPOSED TAYLOR STREET ENTRANCE RAMP**

PR CURVE P-TAY-NT-1  
 PI STA. = 6302+08.82  
 $\Delta = 15^{\circ} 46' 18''$  (RT)  
 D = 7° 16' 15"  
 R = 788.01'  
 T = 109.15'  
 L = 216.92'  
 E = 7.52'  
 e = MATCH EXISTING  
 T.R. = MATCH EXISTING  
 S.E. RUN = MATCH EXISTING  
 P.C. STA = 6300+99.68  
 P.T. STA = 6303+16.59

**PROPOSED RAMP NE**

PR CURVE P-CIR-NE-1  
 PI STA. = 1706+01.77  
 $\Delta = 86^{\circ} 38' 23''$  (RT)  
 D = 16° 22' 13"  
 R = 350.00'  
 T = 330.05'  
 L = 529.25'  
 E = 131.08'  
 e = 5.60%  
 T.R. ATTAINMENT = 48'  
 S.E. ATTAINMENT = 136'  
 S.E. REMOVAL = 87'  
 P.C. STA = 1702+71.71  
 P.T. STA = 1708+00.97

**PROPOSED HARRISON STREET**

PR CURVE P-HAR-CL-1  
 PI STA = 7806+31.79  
 $\Delta = 7^{\circ} 45' 00''$  (LT)  
 D = 4° 58' 56"  
 R = 1,150.00'  
 T = 77.90'  
 L = 155.55'  
 E = 2.64'  
 e = NC  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA = 7805+53.90  
 P.T. STA = 7807+09.45

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 DRAWN - NSA/OPS  
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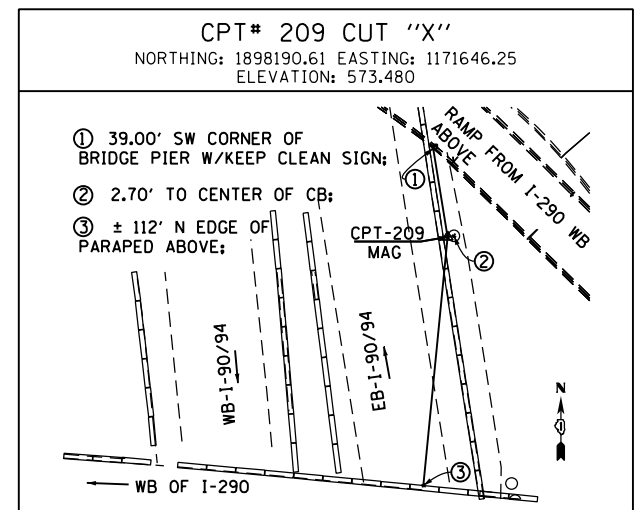
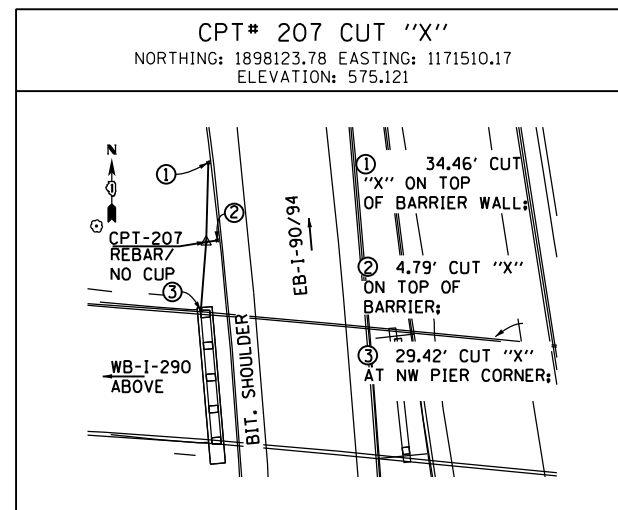
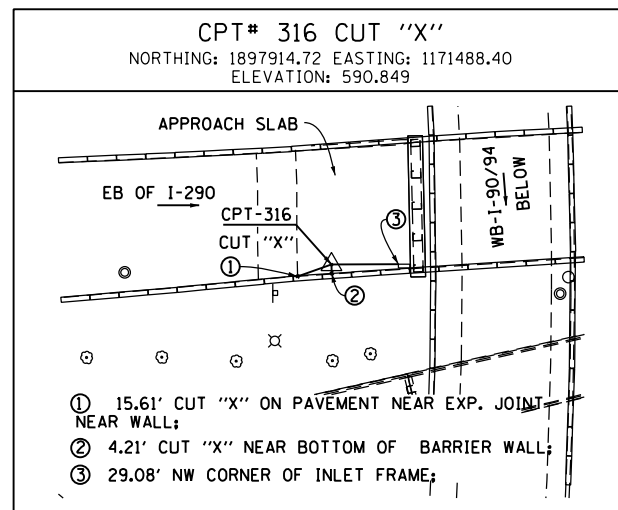
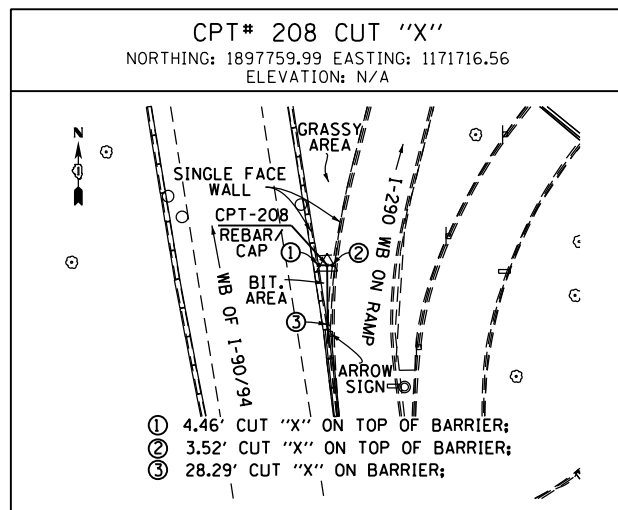
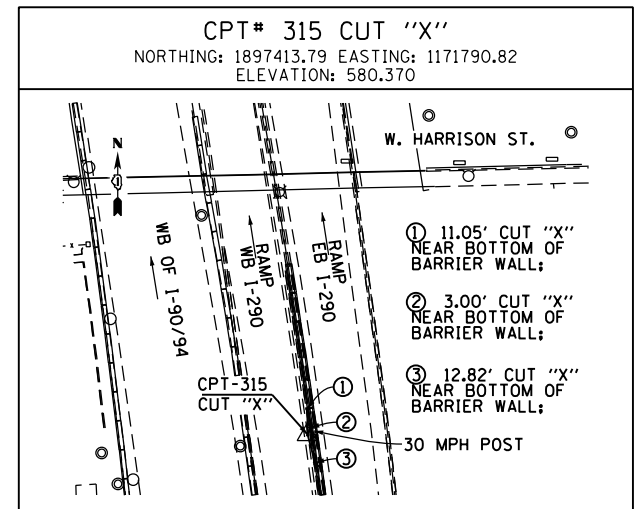
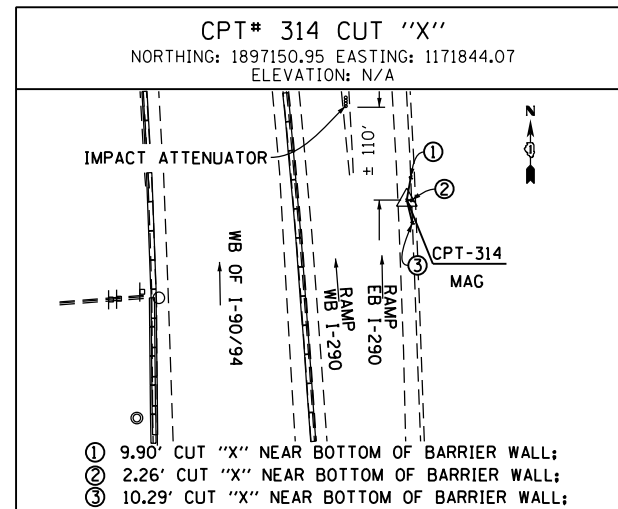
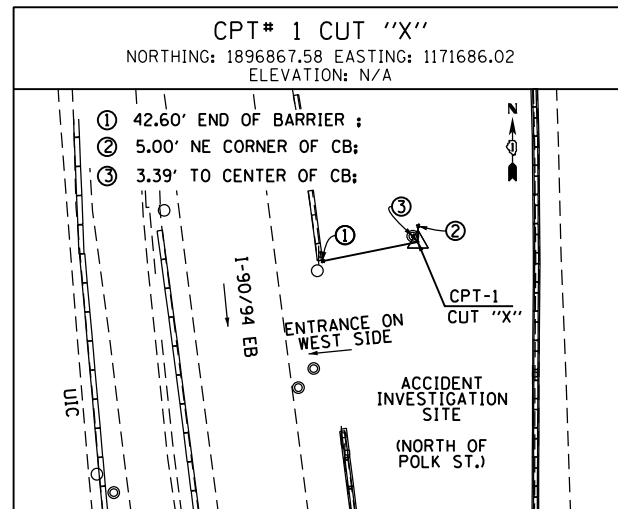
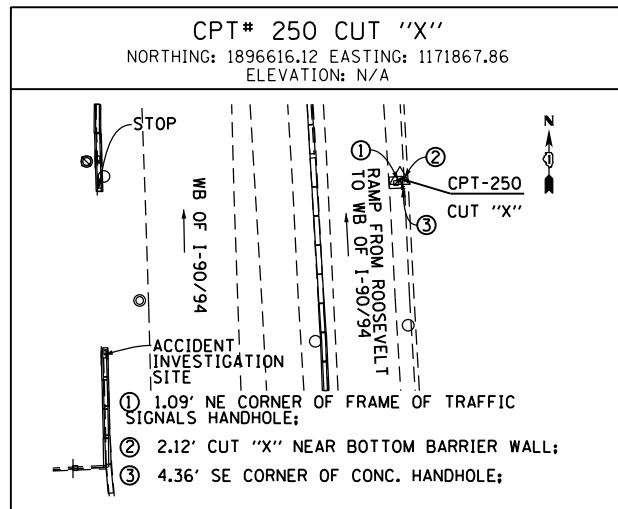
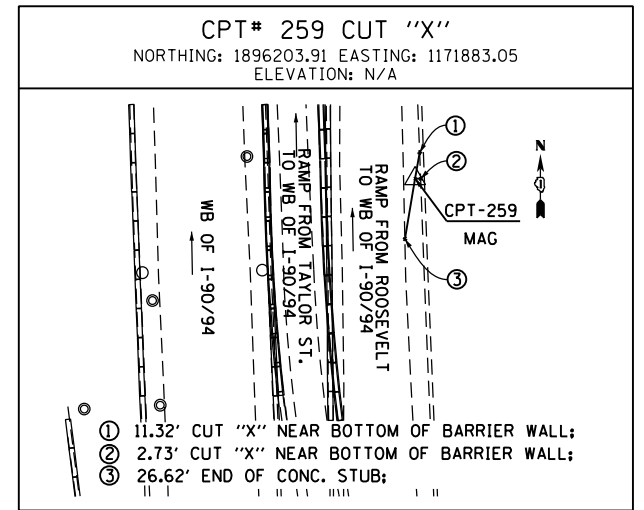
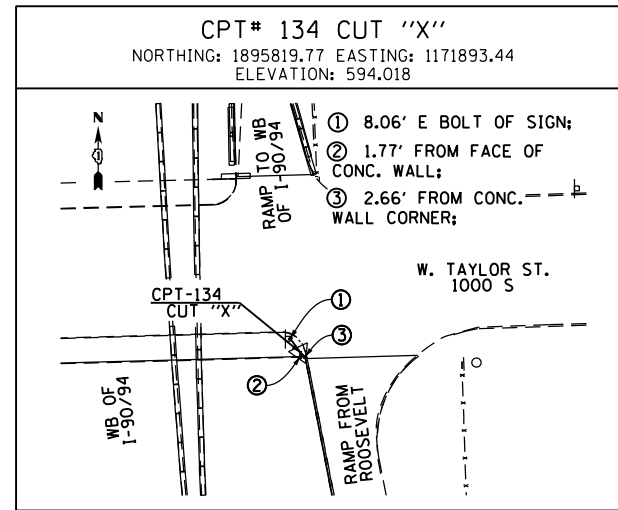
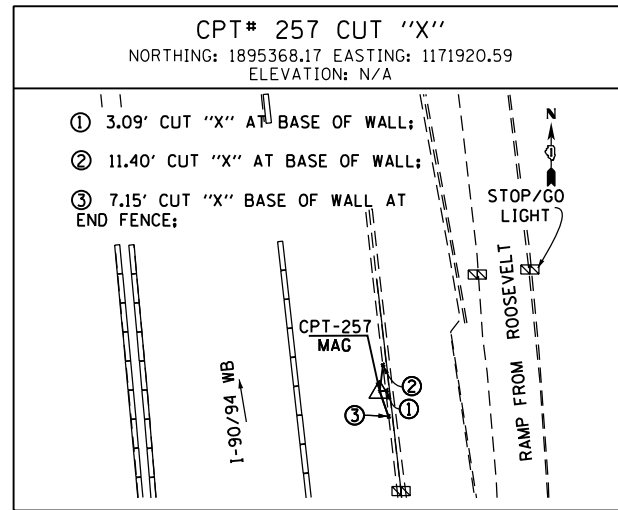
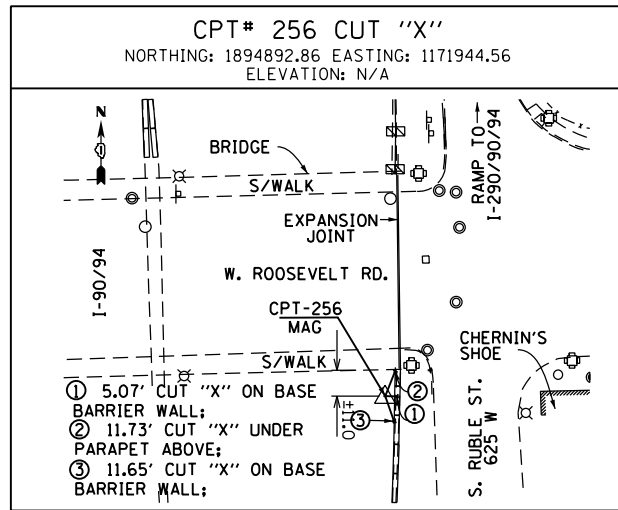
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

SCALE: NONE SHEET 10 OF 12 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	56
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	



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 DATE - 04/28/14

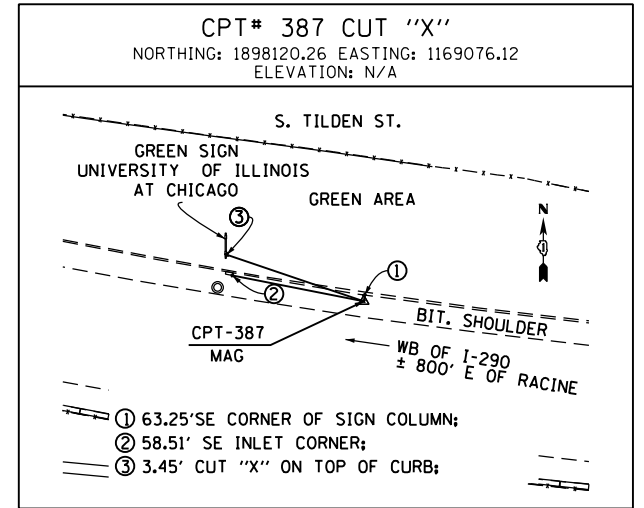
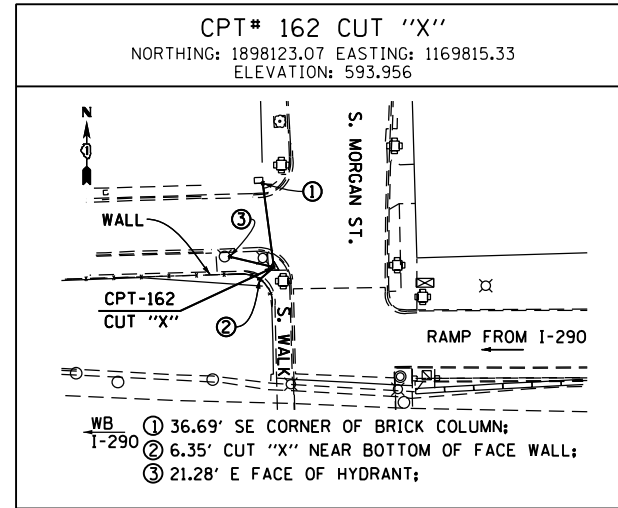
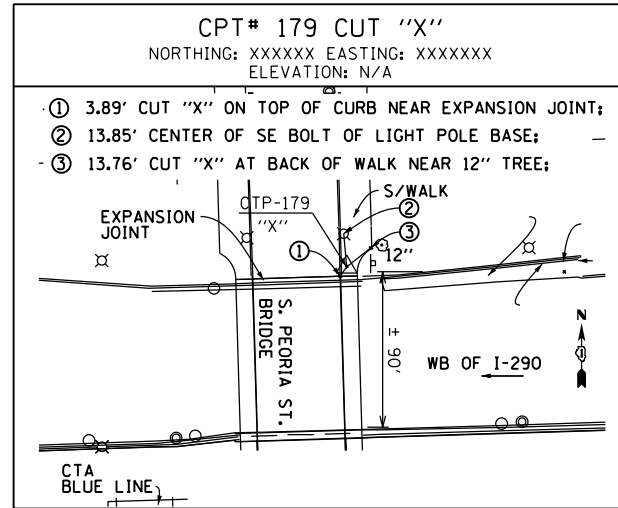
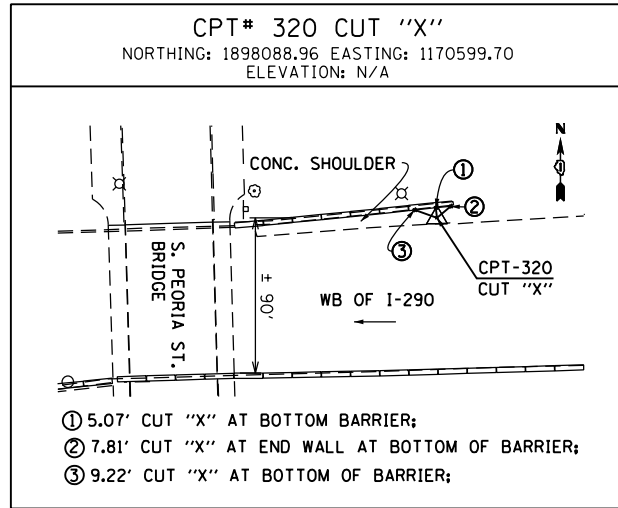
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	57
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				



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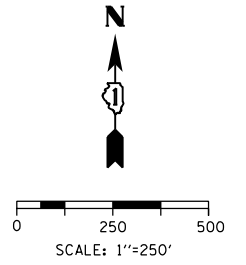
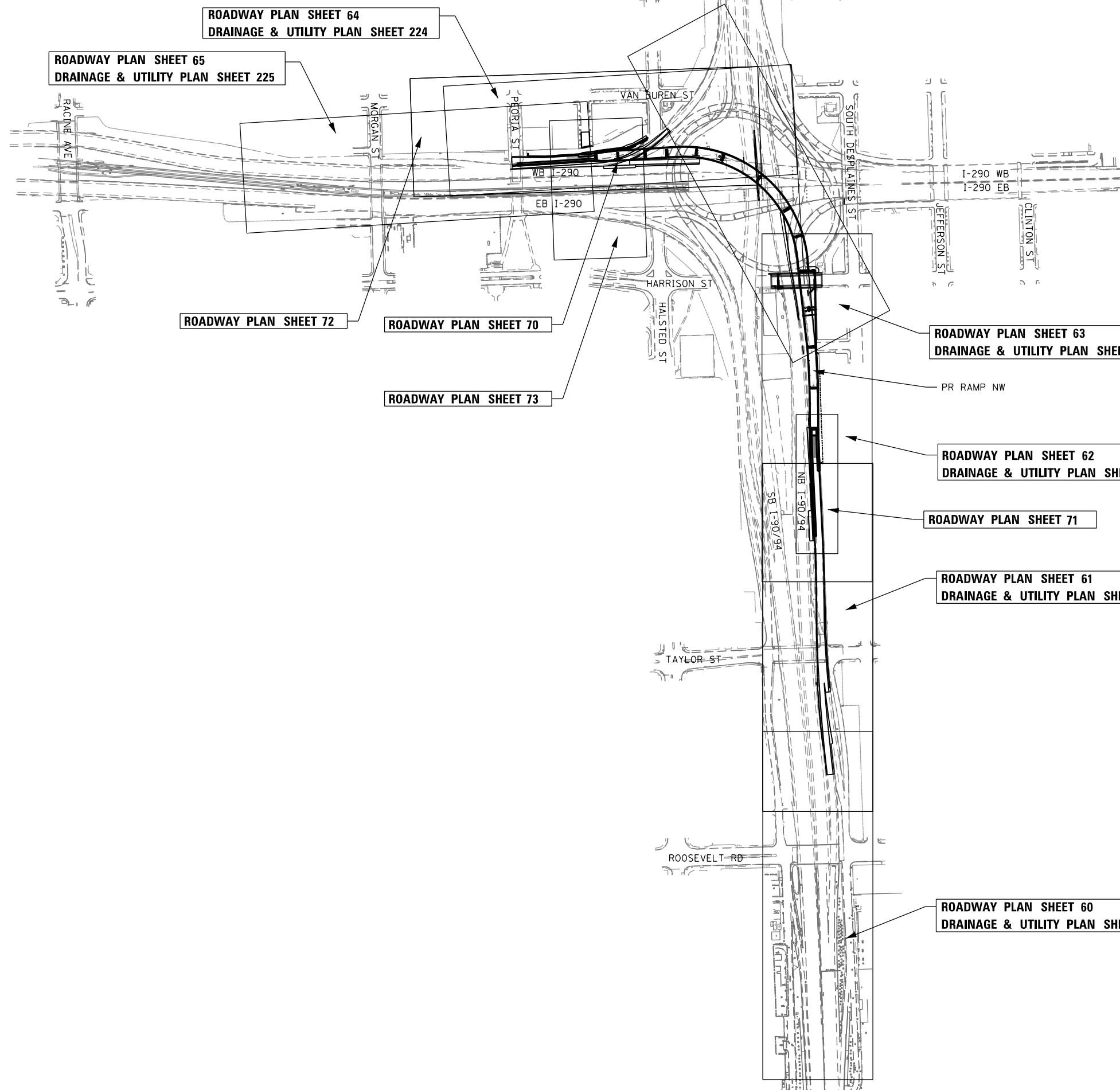
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

SCALE: NONE SHEET 12 OF 12 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	58
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	



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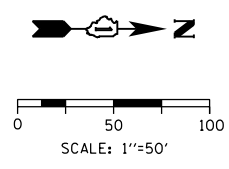
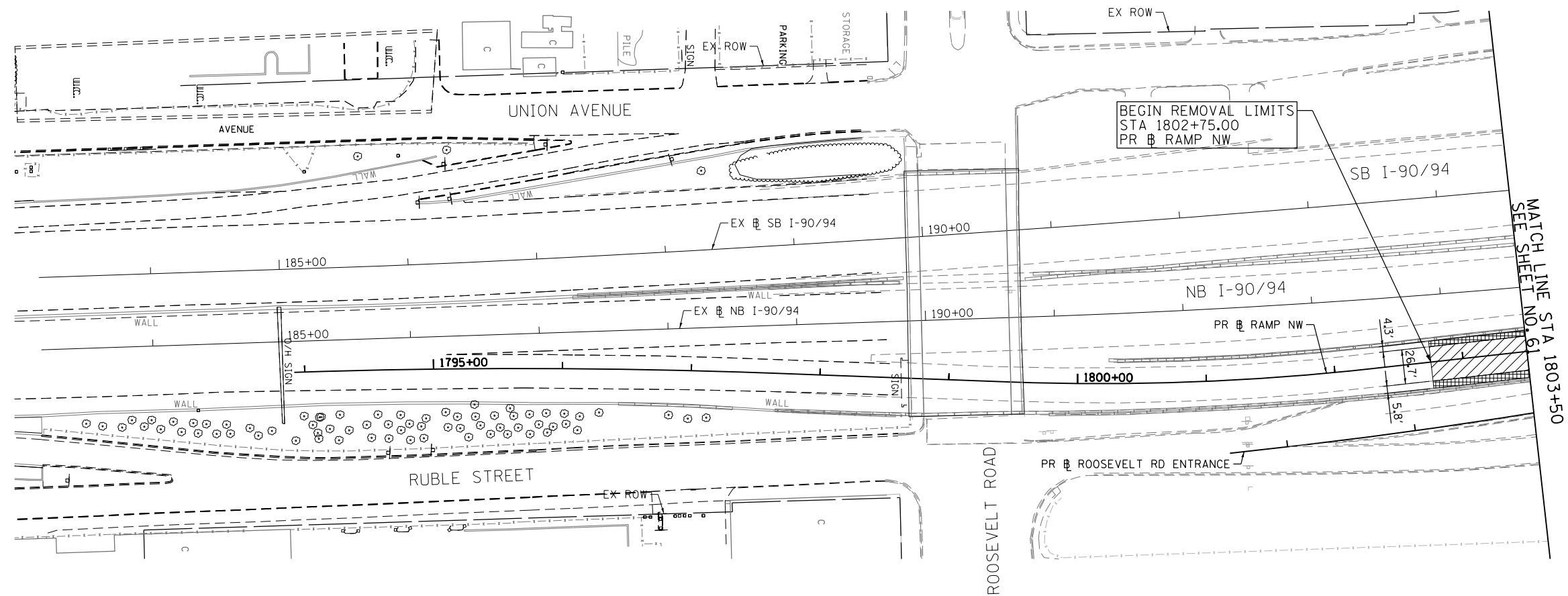
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY KEY PLAN**

SCALE: 1"=250' SHEET 1 OF 1 SHEETS STA. TO STA.

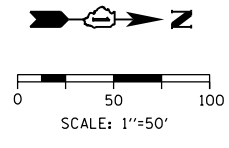
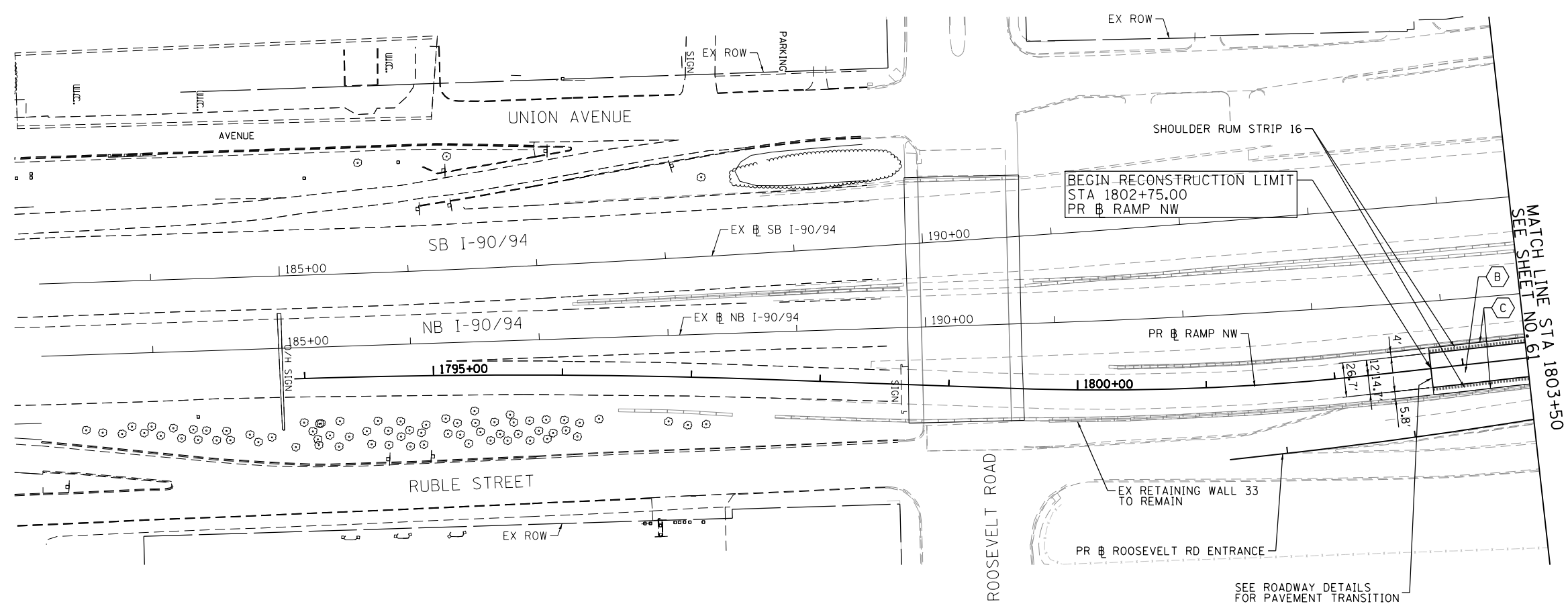
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90/94/290	2013-010R	COOK	747	59
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	





- REMOVAL LEGEND**
- PAVEMENT REMOVAL
  - PAVED SHOULDER REMOVAL
  - APPROACH SLAB REMOVAL
  - LINEAR REMOVAL
  - TREE REMOVAL, ACRES
  - TREE REMOVAL

**EXISTING**



- NOTE:**
1. SEE SHTS 66 TO 69 FOR PR ROADWAY PROFILES

- PROPOSED ROADWAY LEGEND**
- TEMPORARY PAVEMENT SUB GRAN MAT B 4
  - PCC PVT 10 1/2 JOINTD STAB SUBBASE HMA 4 AGG SUBGRADE IMPR 12
  - PCC SHOULDERS 10 1/2 SUB GRAN MAT C 4 AGG SUBGRADE IMPR 12
  - PCC PVT 10 JOINTED STAB SUBBASE HMA 4 AGG SUBGRADE IMPR 12
  - PCC SHOULDERS 10 SUB GRAN MAT C 4 AGG SUBGRADE IMPR 12

**PROPOSED**

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 PLOT DATE = 4/27/2014

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DRAWN - NSA/OPS	REVISED -
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DATE - 04/28/14	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

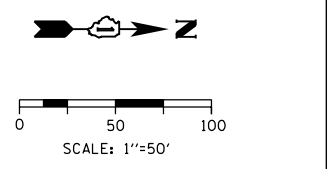
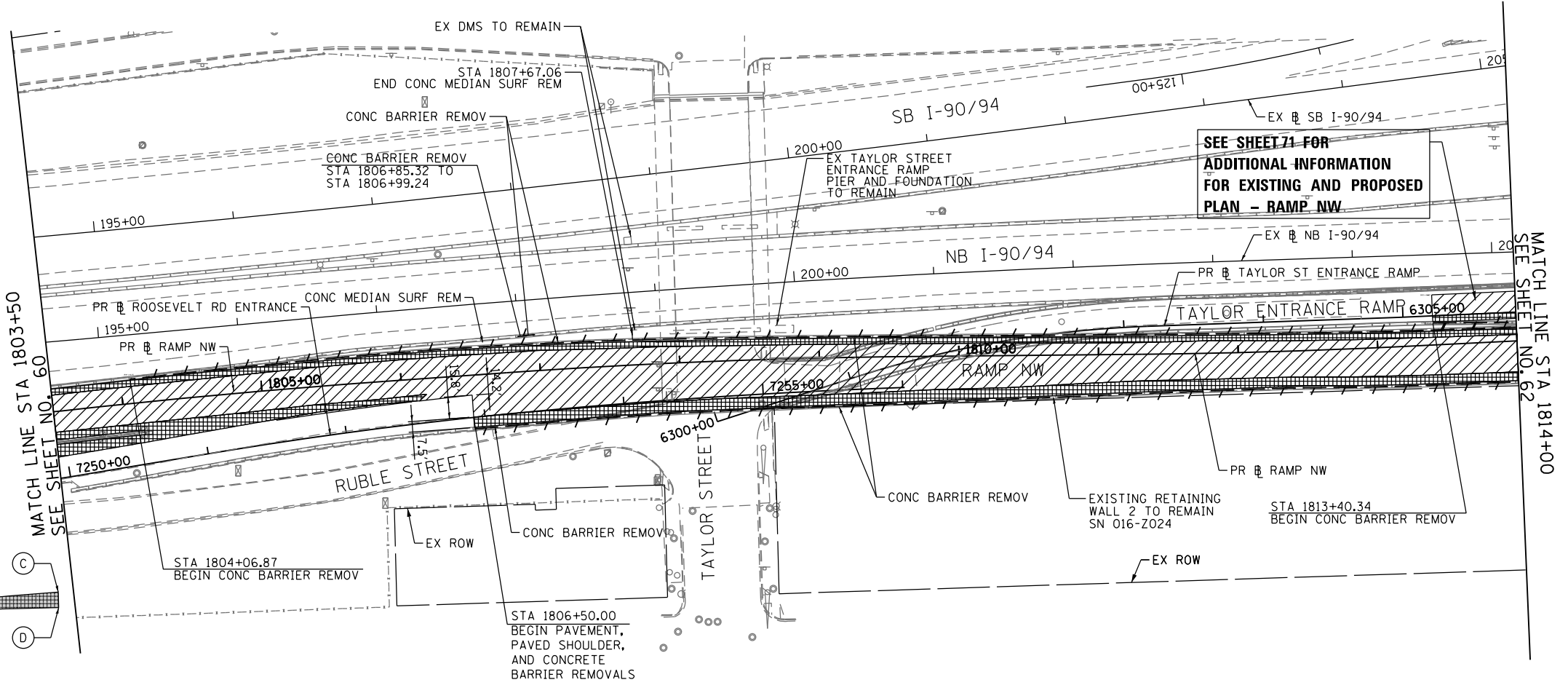
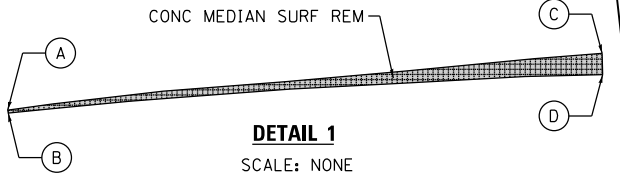
**EXISTING AND PROPOSED PLAN  
 RAMP NW**

SCALE: 1"=50' SHEET 1 OF 6 SHEETS STA. TO STA. 1803+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	60
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				

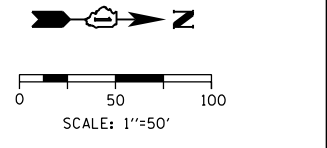
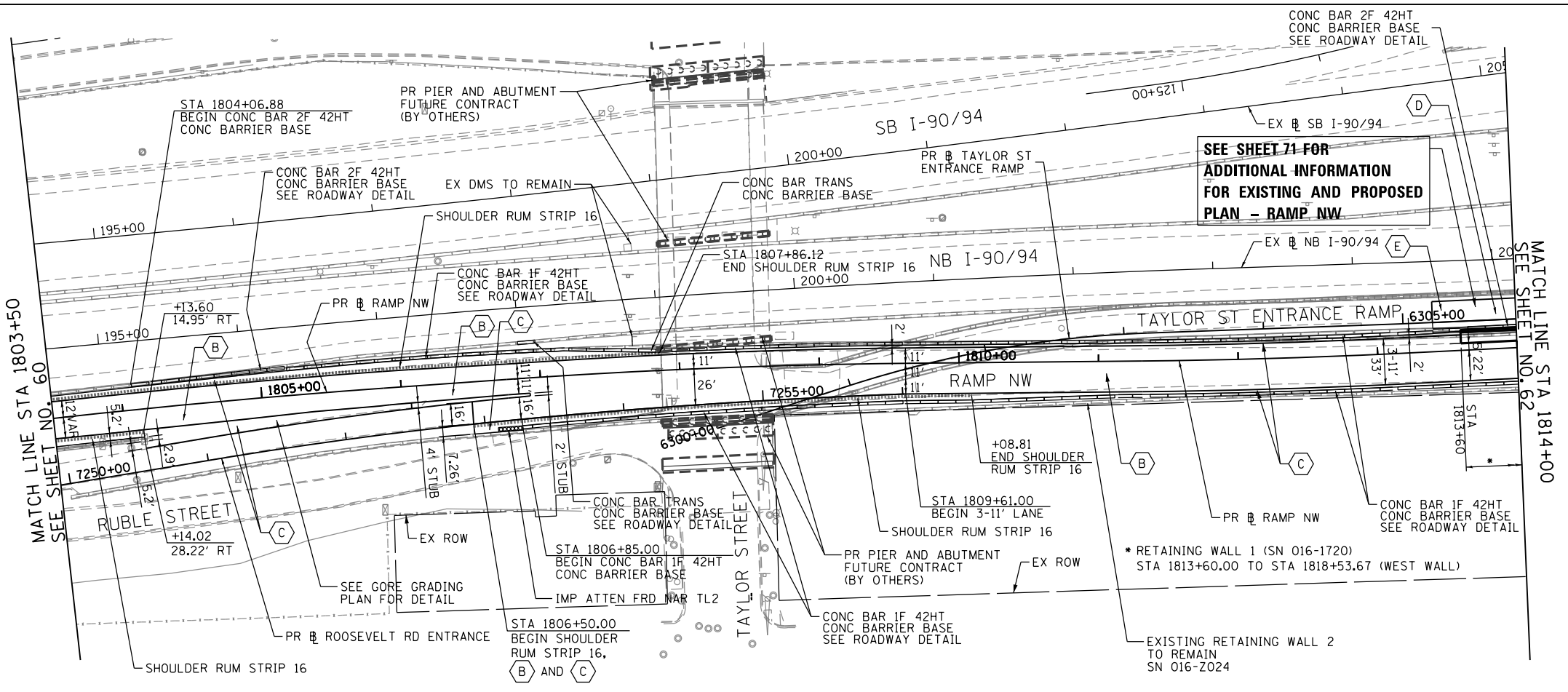
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- (A) - STA 1805+19.07, 20.66' LT (PR RAMP NW)
- (B) - STA 1805+19.18, 19.46' LT (PR RAMP NW)
- (C) - STA 1807+67.11, 27.18' LT (PR RAMP NW)
- (D) - STA 1807+67.04, 18.34' LT (PR RAMP NW)



- REMOVAL LEGEND**
- PAVEMENT REMOVAL
  - PAVED SHOULDER REMOVAL
  - APPROACH SLAB REMOVAL
  - LINEAR REMOVAL
  - TREE REMOVAL, ACRES
  - TREE REMOVAL

**EXISTING**



- NOTE:**
- SEE SHTS 66 TO 69 FOR PR ROADWAY PROFILES

- PROPOSED ROADWAY LEGEND**
- (A) TEMPORARY PAVEMENT SUB GRAN MAT B 4
  - (B) PCC PVT 10 1/2 JOINTD STAB SUBBASE HMA 4 AGG SUBGRADE IMPR 12
  - (C) PCC SHOULDERS 10 1/2 SUB GRAN MAT C 4 AGG SUBGRADE IMPR 12
  - (D) PCC PVT 10 JOINTED STAB SUBBASE HMA 4 AGG SUBGRADE IMPR 12
  - (E) PCC SHOULDERS 10 SUB GRAN MAT C 4 AGG SUBGRADE IMPR 12

**PROPOSED**

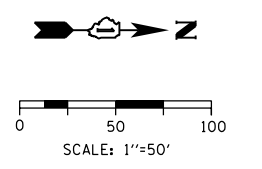
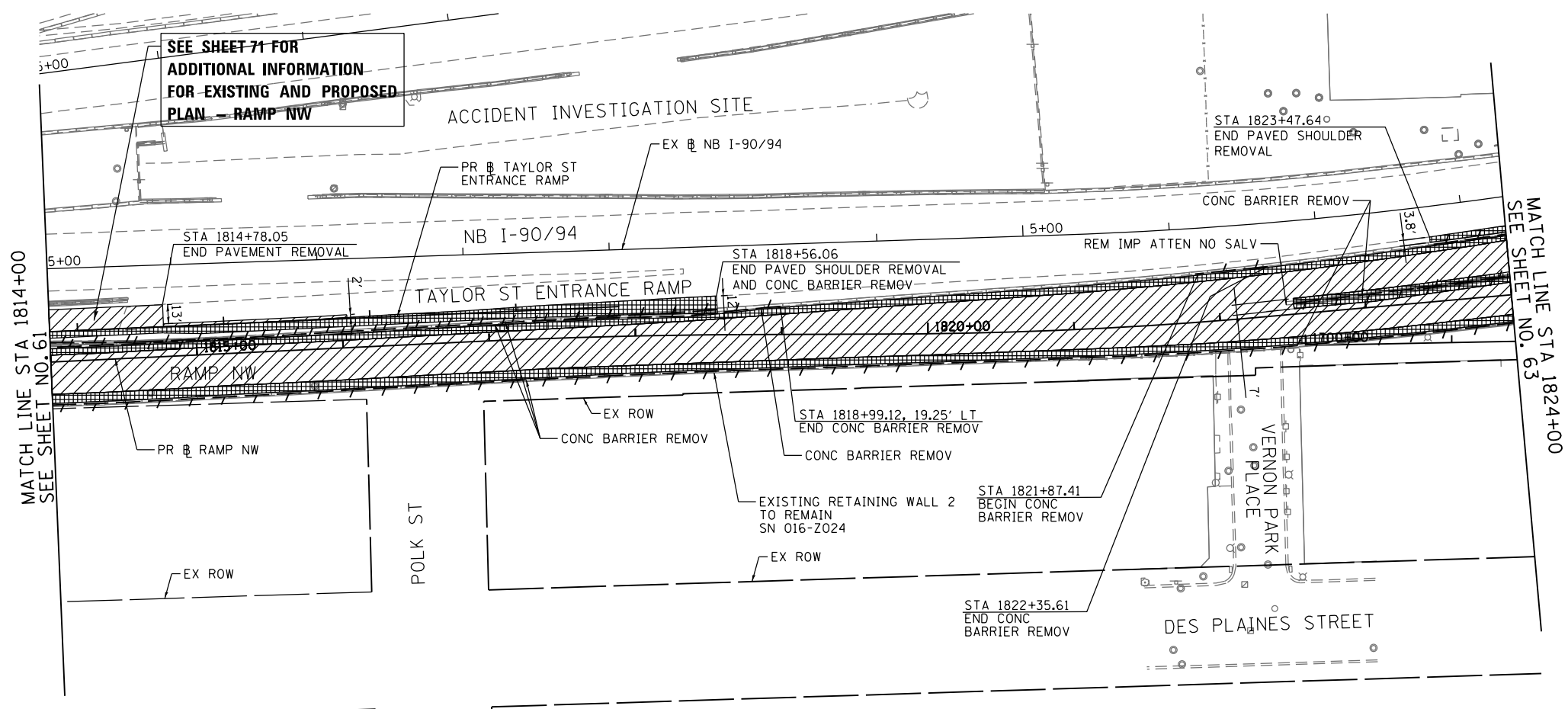


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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

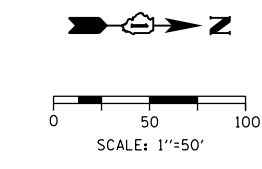
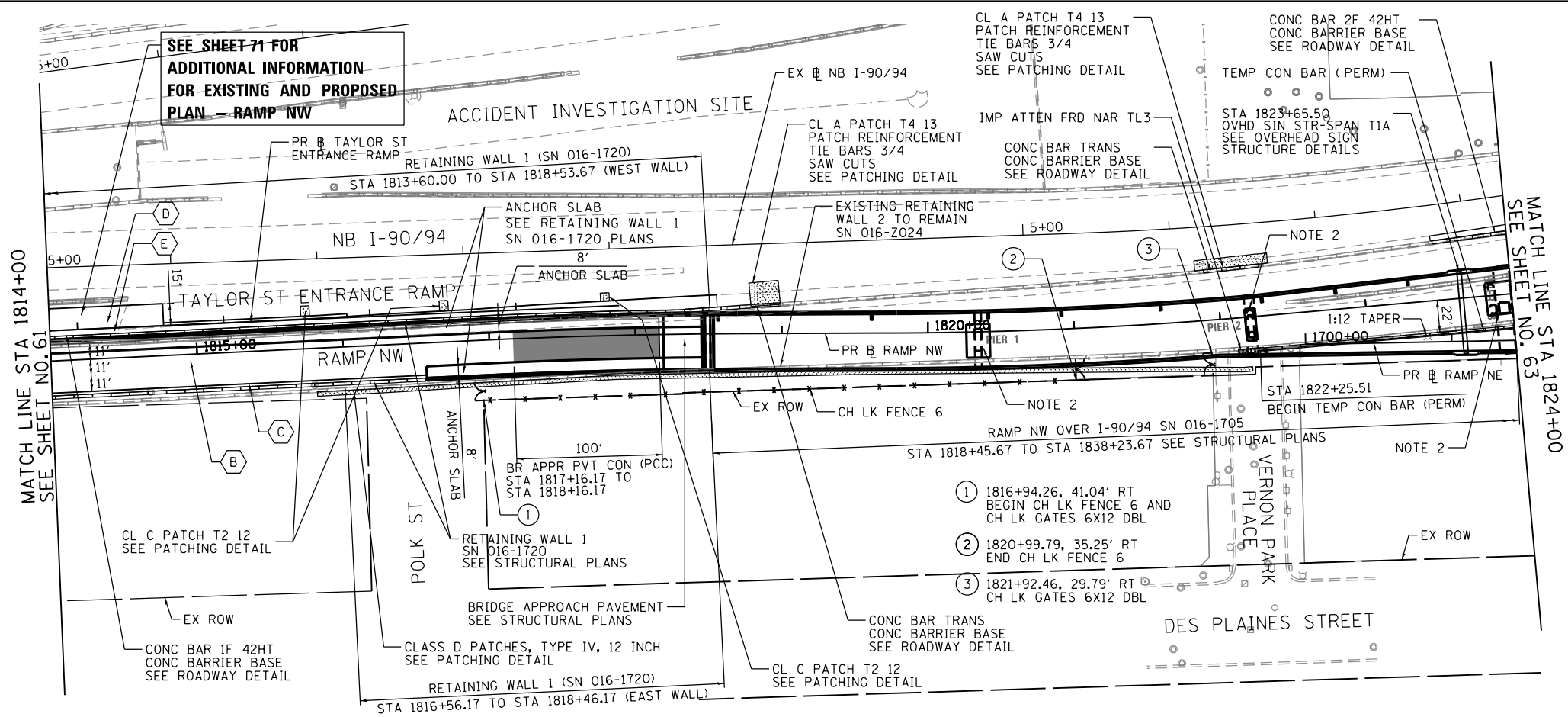
<b>EXISTING AND PROPOSED PLAN RAMP NW</b>	
SCALE: 1"=50'	SHEET 2 OF 6 SHEETS STA. 1803+50 TO STA. 1814+00

F.A.I. RTE. 90/94/290	SECTION 2013-010R	COUNTY COOK	TOTAL SHEETS 747	SHEET NO. 61
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				



- REMOVAL LEGEND**
- PAVEMENT REMOVAL
  - PAVED SHOULDER REMOVAL
  - APPROACH SLAB REMOVAL
  - LINEAR REMOVAL
  - TREE REMOVAL, ACRES
  - TREE REMOVAL

**EXISTING**



- NOTE:**
1. SEE SHTS 66 TO 69 FOR PR ROADWAY PROFILES
  2. FOR BRACED EXCAVATION, SEE BRACED EXCAVATION LIMIT PLAN AND SPECIAL PROVISION

- PROPOSED ROADWAY LEGEND**
- (A) TEMPORARY PAVEMENT SUB GRAN MAT B 4
  - (B) PCC PVT 10 1/2 JOINTED STAB SUBBASE HMA 4 AGG SUBGRADE IMPR 12
  - (C) PCC SHOULDERS 10 1/2 SUB GRAN MAT C 4 AGG SUBGRADE IMPR 12
  - (D) PCC PVT 10 JOINTED STAB SUBBASE HMA 4 AGG SUBGRADE IMPR 12
  - (E) PCC SHOULDERS 10 SUB GRAN MAT C 4 AGG SUBGRADE IMPR 12

**PROPOSED**

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 CHICAGO, IL 60601-5276  
 PHONE: (312) 373-1700 FAX: (312) 373-6800



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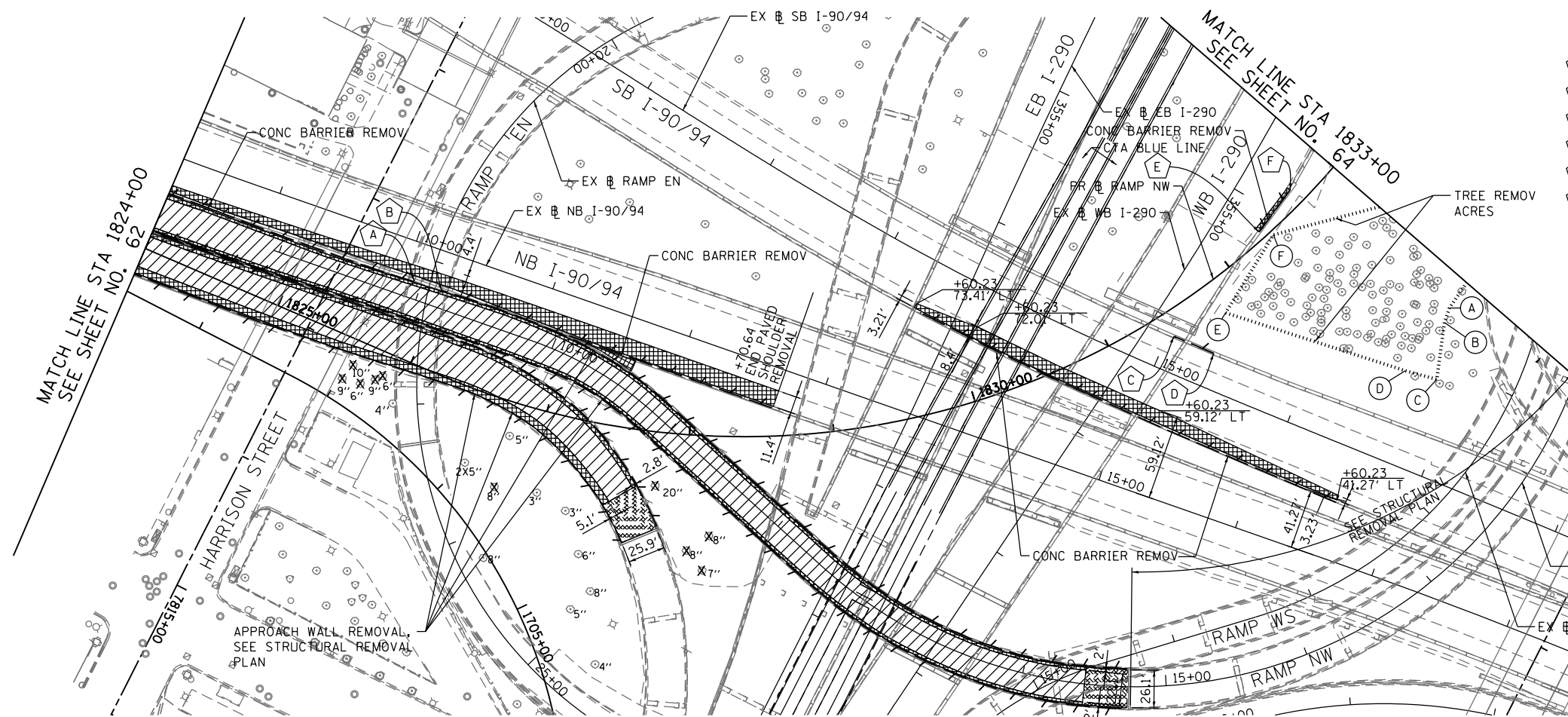
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

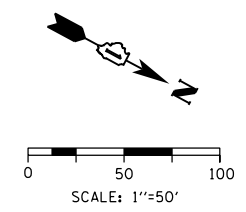
**EXISTING AND PROPOSED PLAN  
RAMP NW**  
 SCALE: 1"=50'  
 SHEET 3 OF 6 SHEETS STA. 1814+00 TO STA. 1824+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	62
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				

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- CONCRETE BARRIER REMOVAL
- (A) - STA 1825+79.77, 52.38' LT
  - (B) - STA 1825+99.70, 54.43' LT
  - (C) - STA 1831+41.93, 16.90' RT
  - (D) - STA 1831+57.78, 41.82' RT
  - (E) - STA 1832+31.58, 5.15' LT
  - (F) - STA 1832+67.75, 11.32' LT



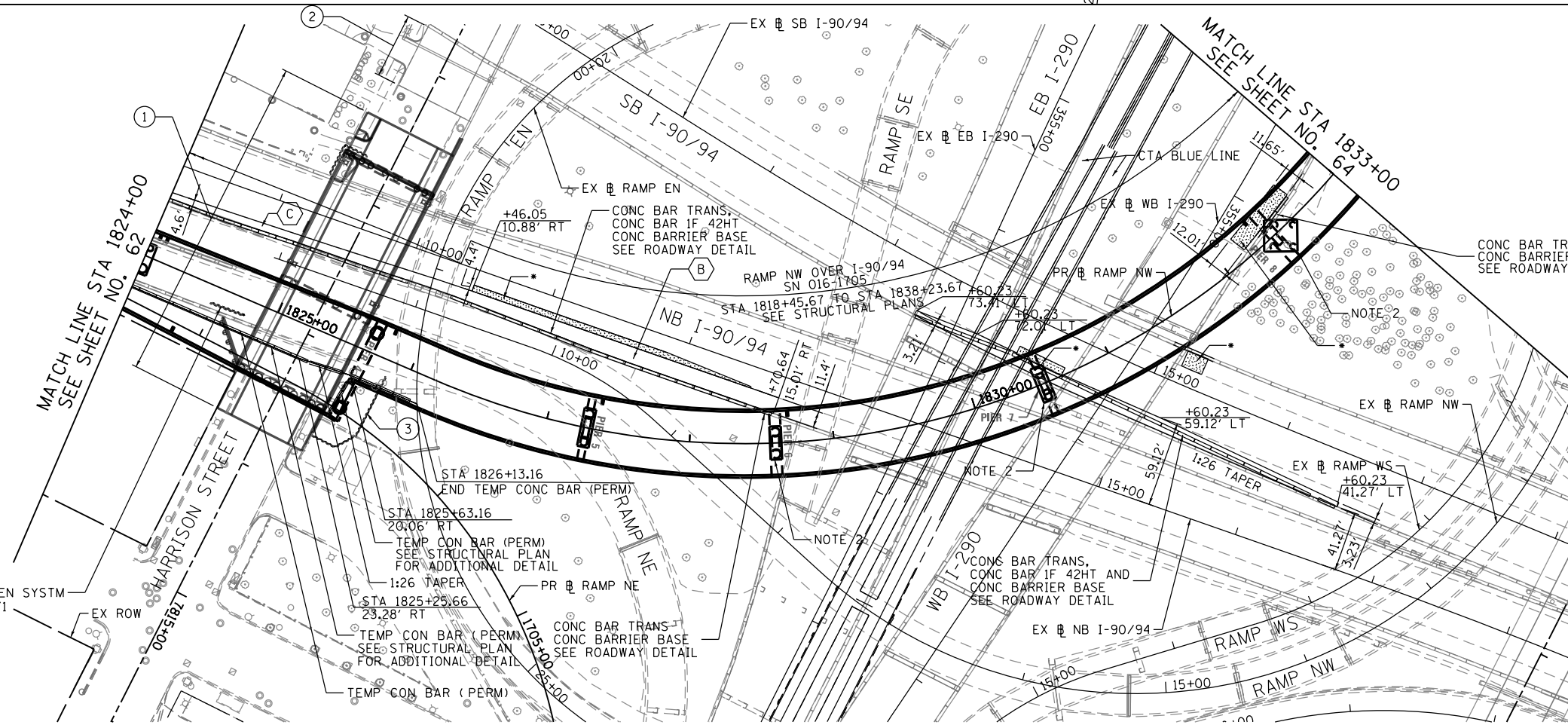
**REMOVAL LEGEND**

- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- APPROACH SLAB REMOVAL
- LINEAR REMOVAL
- TREE REMOVAL, ACRES
- TREE REMOVAL

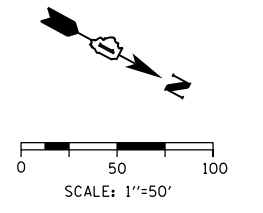
**TREE REMOVAL, ACRES**

POINT	STATION	OFFSET	LT/RT
(A)	1832+82.91	124.76'	RT
(B)	1832+75.00	129.02'	RT
(C)	1832+50.00	153.03'	RT
(D)	1832+40.67	133.78'	RT
(E)	1831+79.21	23.64'	RT
(F)	1832+37.71	2.91'	RT

**EXISTING**



- ① HARRISON ST (EAST) OVER NB I-90/94  
SN 016-1711  
CONTRACT 60W71 (BY OTHERS)
- ② HARRISON ST (WEST) OVER SB I-90/94  
SN 016-1713  
CONTRACT 60W26 (BY OTHERS)
- ③ SOIL RETENTION SYSTEM INSTALLED IN  
CONTRACT 60W71 (BY OTHERS)



**NOTE:**

1. SEE SHTS 66 TO 69 FOR PR ROADWAY PROFILES
2. FOR BRACED EXCAVATION, SEE BRACED EXCAVATION LIMIT PLAN AND SPECIAL PROVISION

**PROPOSED ROADWAY LEGEND**

- (A) TEMPORARY PAVEMENT SUB GRAN MAT B 4
- (B) PCC PVT 10 1/2 JOINTD STAB SUBBASE HMA 4 AGG SUBGRADE IMPR 12
- (C) PCC SHOULDERS 10 1/2 SUB GRAN MAT C 4 AGG SUBGRADE IMPR 12
- (D) PCC PVT 10 JOINTED STAB SUBBASE HMA 4 AGG SUBGRADE IMPR 12
- (E) PCC SHOULDERS 10 SUB GRAN MAT C 4 AGG SUBGRADE IMPR 12

**PROPOSED**



D160W28-SHT-PLAN-04.dgn	DESIGNED - KAM	REVISED -
USER NAME = pimsarno	DRAWN - NSA/OPS	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - KCF	REVISED -
PLOT DATE = 4/28/2014	DATE - 04/28/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED PLAN  
RAMP NW**

SCALE: 1"=50' SHEET 4 OF 6 SHEETS STA. 1824+00 TO STA. 1833+00

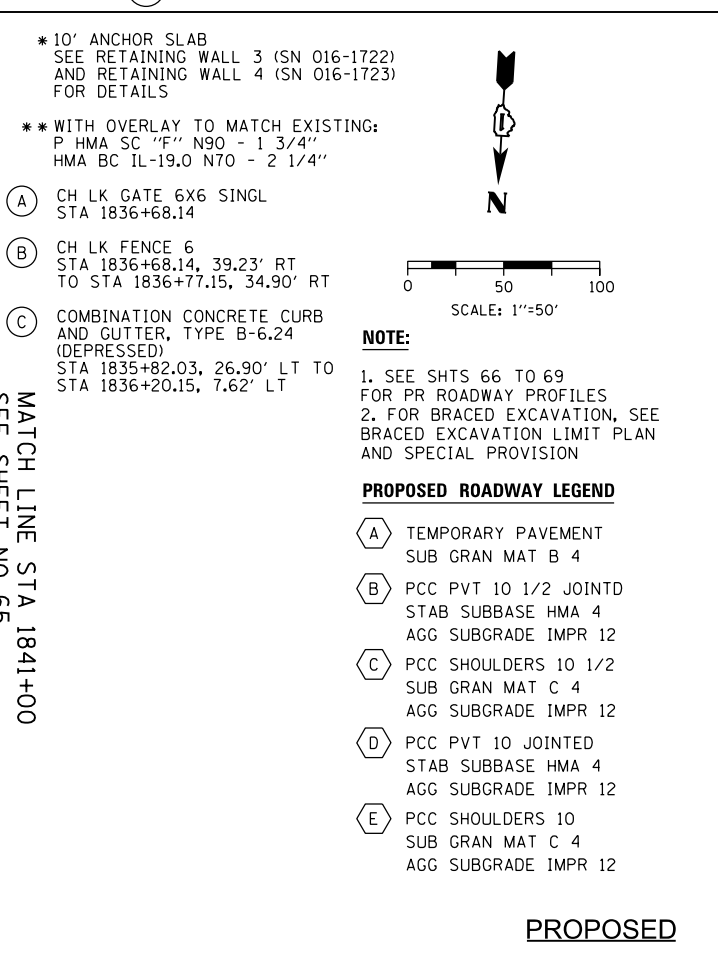
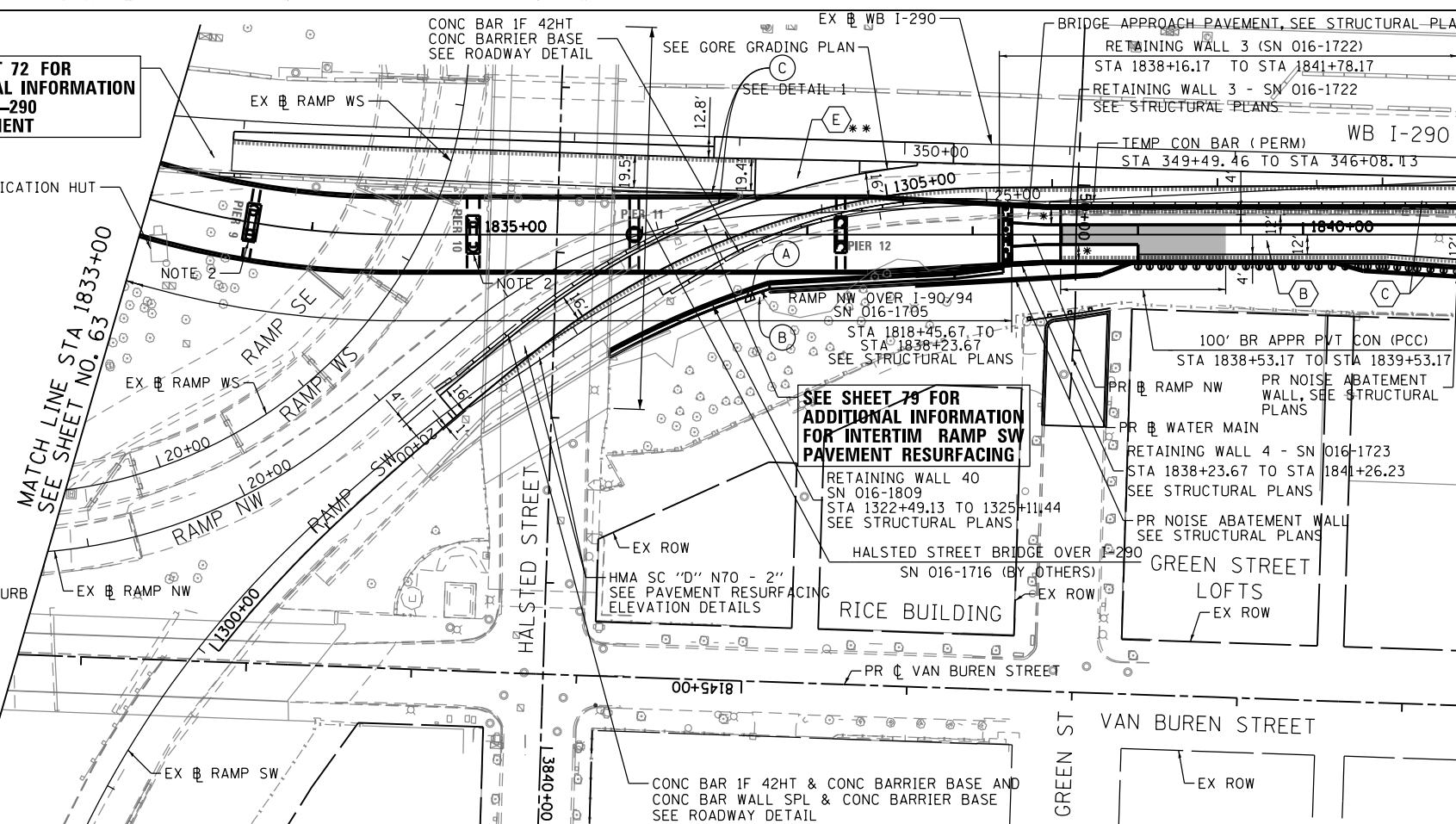
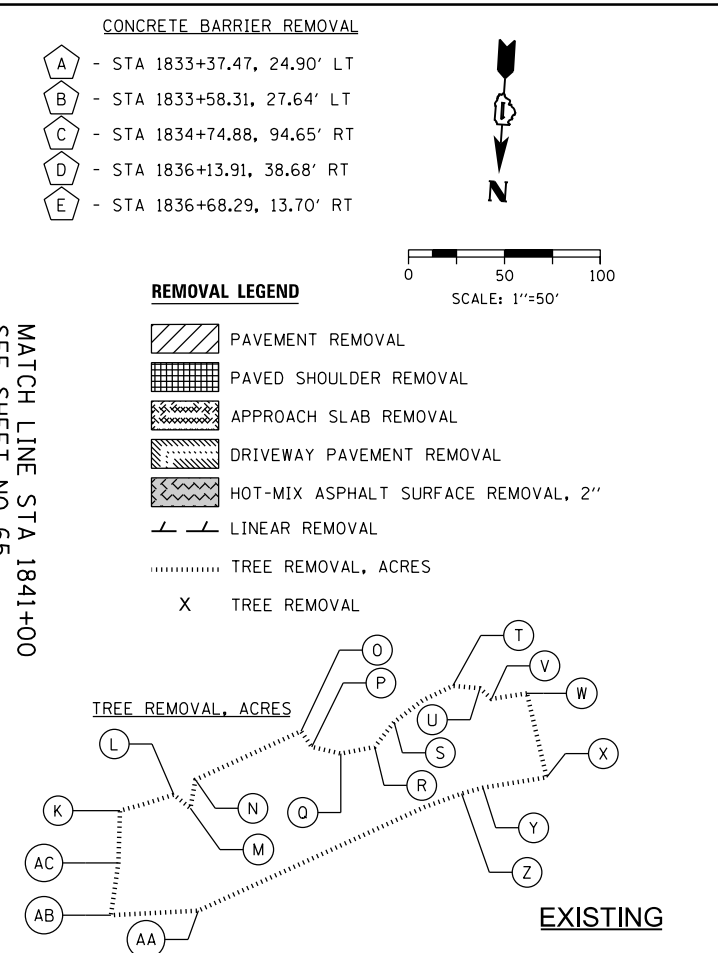
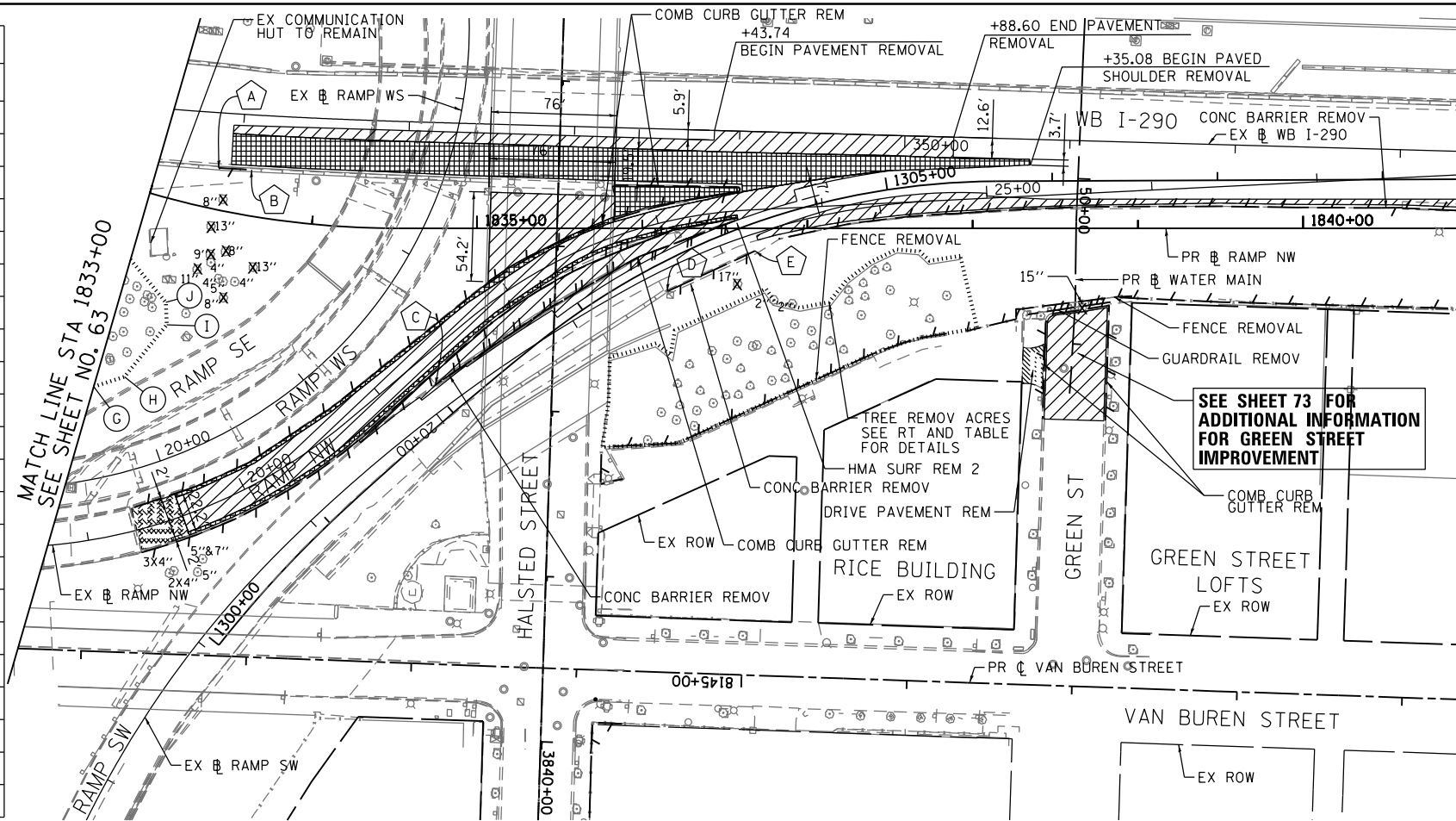
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	63
CONTRACT NO. 60W28				

ILLINOIS FED. AID PROJECT



TREE REMOVAL, ACRES

POINT	STATION	OFFSET	LT/RT
(G)	1833+00.00	121.98'	RT
(H)	1833+13.42	111.17'	RT
(I)	1833+28.05	74.57'	RT
(J)	1833+24.88	61.46'	RT
(K)	1835+80.47	77.95'	RT
(L)	1836+08.45	69.54'	RT
(M)	1836+17.09	76.68'	RT
(N)	1836+19.74	61.77'	RT
(O)	1836+74.87	36.56'	RT
(P)	1836+80.32	44.73'	RT
(Q)	1836+95.50	48.13'	RT
(R)	1837+13.17	44.68'	RT
(S)	1837+23.38	31.72'	RT
(T)	1837+53.91	12.82'	RT
(U)	1837+68.11	14.09'	RT
(V)	1837+74.02	19.66'	RT
(W)	1837+92.48	16.75'	RT
(X)	1838+02.82	60.52'	RT
(Y)	1837+69.56	66.01'	RT
(Z)	1837+58.44	69.05'	RT
(AA)	1836+21.24	130.01'	RT
(AB)	1835+75.77	132.42'	RT
(AC)	1835+79.60	105.20'	RT



FILE PATH = p:\388035\pmt\escomon\me\local\p\AEC\000\Documents\01\_Americas\Transportation\62629938\_Circle\Phase\_1\000\_CAD\005\_Roadway\Sheets\60W28-SHT-PL-AN-05.dgn



D160W28-SHT-PLAN-05.dgn  
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 PLOT SCALE = 100.0000' / 1" / 1"  
 PLOT DATE = 4/28/2014

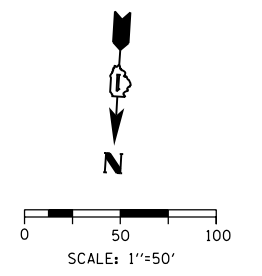
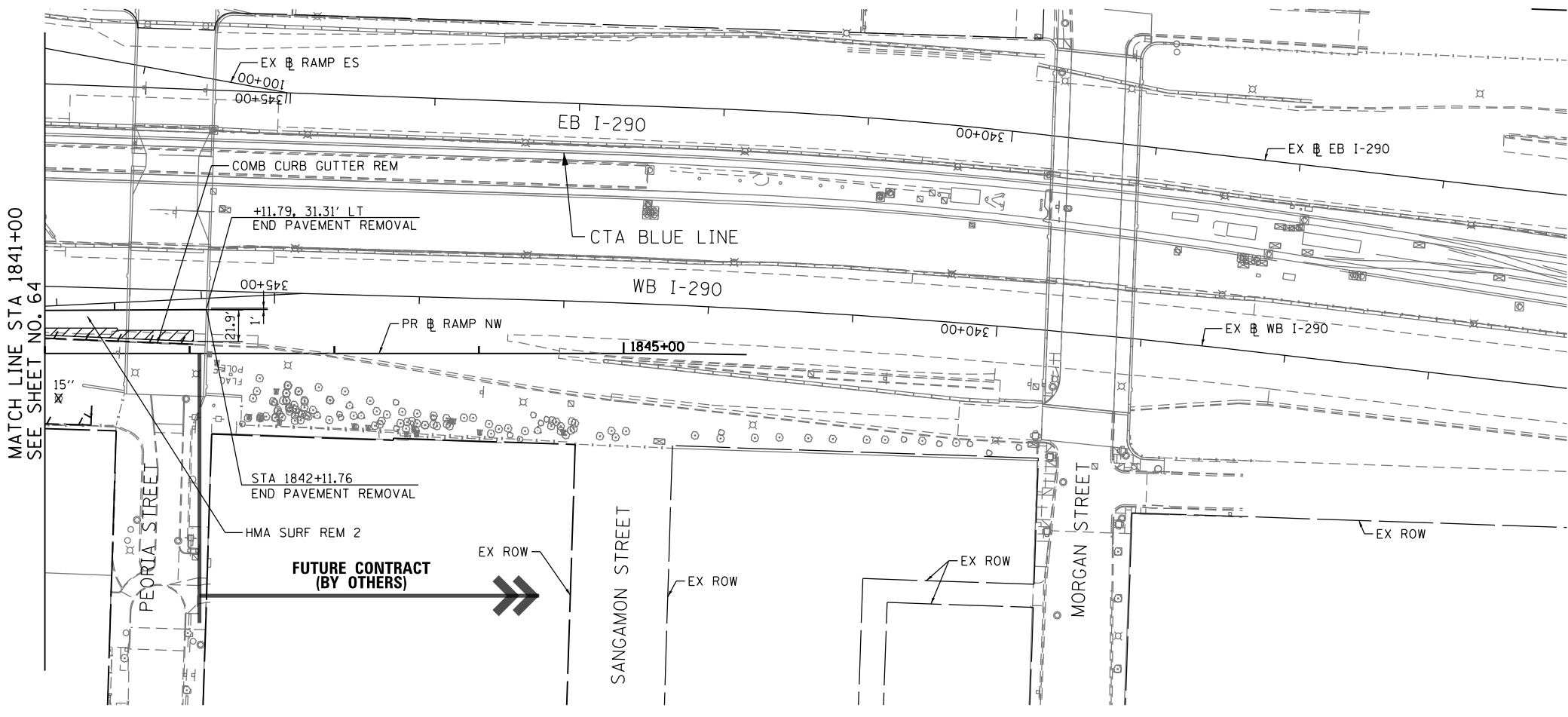
DESIGNED - KAM  
 DRAWN - NSA/OPS  
 CHECKED - KCF  
 DATE - 04/28/14  
 REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED PLAN  
 RAMP NW  
 SCALE: 1"=50'  
 SHEET 5 OF 6 SHEETS  
 STA. 1833+00 TO STA. 1841+00

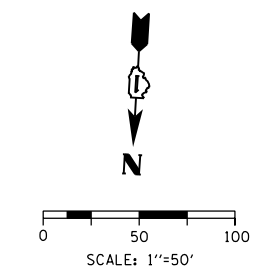
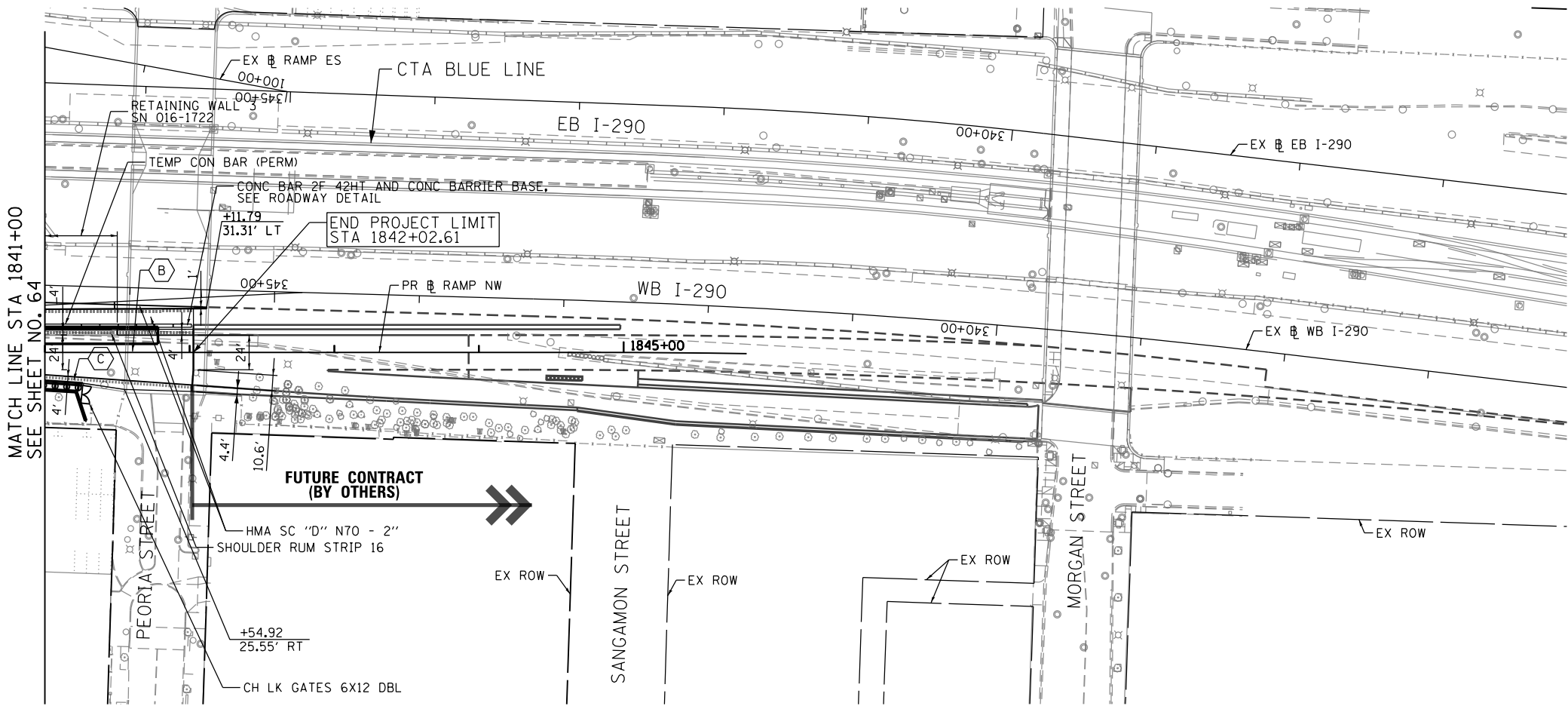
F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	64
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				

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- REMOVAL LEGEND**
- PAVEMENT REMOVAL
  - PAVED SHOULDER REMOVAL
  - APPROACH SLAB REMOVAL
  - LINEAR REMOVAL
  - TREE REMOVAL, ACRES
  - TREE REMOVAL

**EXISTING**



**NOTE:**  
 1. SEE SHTS 66 TO 69 FOR PR ROADWAY PROFILES

- PROPOSED ROADWAY LEGEND**
- TEMPORARY PAVEMENT SUB GRAN MAT B 4
  - PCC PVT 10 1/2 JOINTD STAB SUBBASE HMA 4 AGG SUBGRADE IMPR 12
  - PCC SHOULDERS 10 1/2 SUB GRAN MAT C 4 AGG SUBGRADE IMPR 12
  - PCC PVT 10 JOINTED STAB SUBBASE HMA 4 AGG SUBGRADE IMPR 12
  - PCC SHOULDERS 10 SUB GRAN MAT C 4 AGG SUBGRADE IMPR 12

**PROPOSED**



D160W28-SHT-PLAN-06.dgn
USER NAME = pimsarno
PLOT SCALE = 100.0000' / 1"
PLOT DATE = 4/27/2014

DESIGNED - KAM	REVISED -
DRAWN - NSA/OPS	REVISED -
CHECKED - KCF	REVISED -
DATE - 04/28/14	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED PLAN  
 RAMP NW**

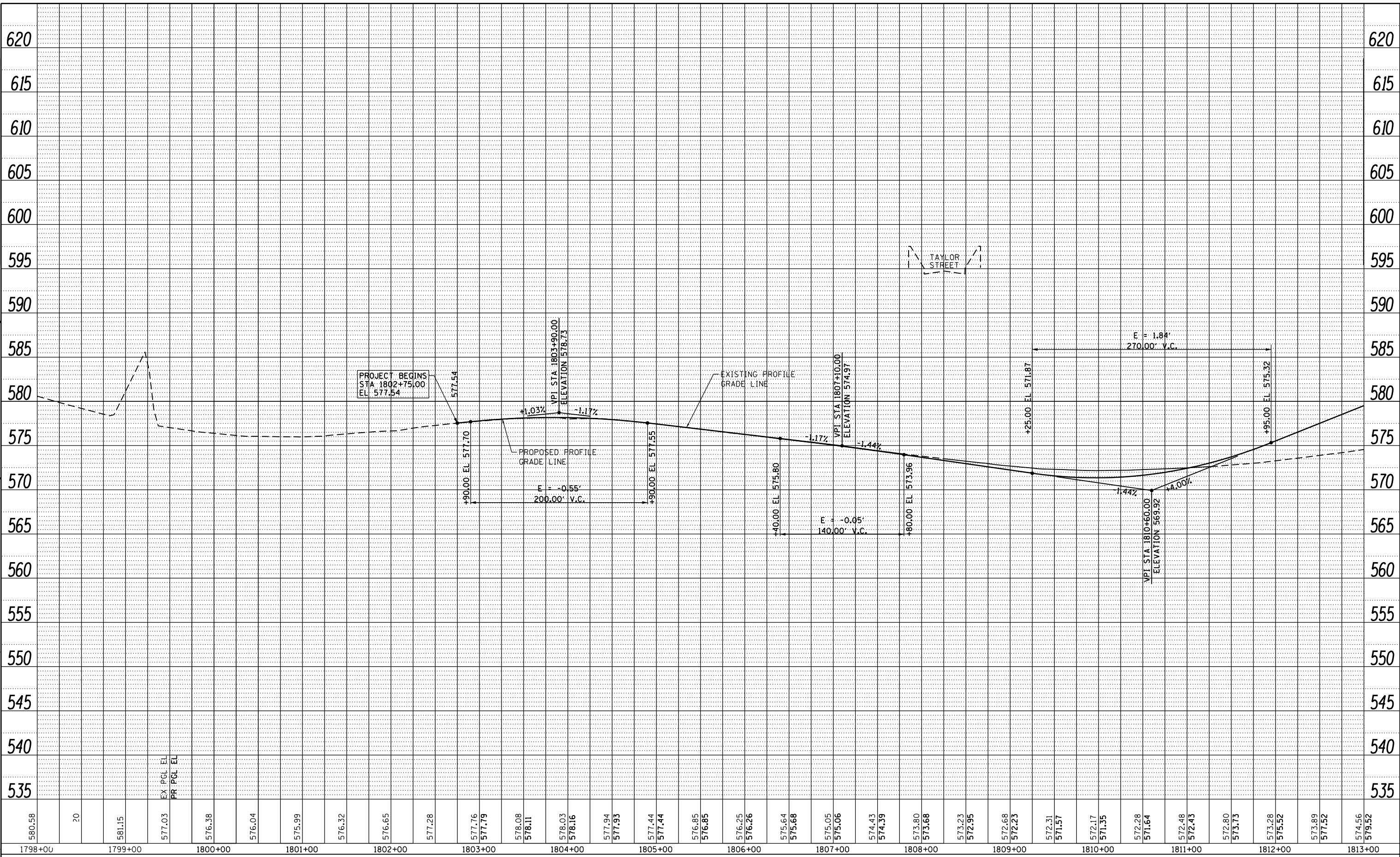
SCALE: 1"=50'    SHEET 6 OF 6 SHEETS    STA. 1841+00 TO STA. 1842+02.61

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	65
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO.		
	CARD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE		
	NOTATIONS CHKD		

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580.58	1798+00	580
20		
581.15	1799+00	581
577.03	EX PGL EL	
576.38	PR PGL EL	
576.04		
575.99		
576.32		
576.65		
577.28		
577.76		
577.79		
578.08		
578.11		
578.03		
578.16		
577.94		
577.93		
577.44		
577.44		
576.85		
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575.64		
575.68		
575.05		
575.06		
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572.68		
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579.52		

RAMP NW



D160W28-SHT-PROFILE-01.dgn  
 USER NAME = pimsarno  
 PLOT SCALE = 100.0000' / in.  
 PLOT DATE = 4/27/2014

DESIGNED - KAM  
 DRAWN - NSA  
 CHECKED - KCF  
 DATE - 04/28/14

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

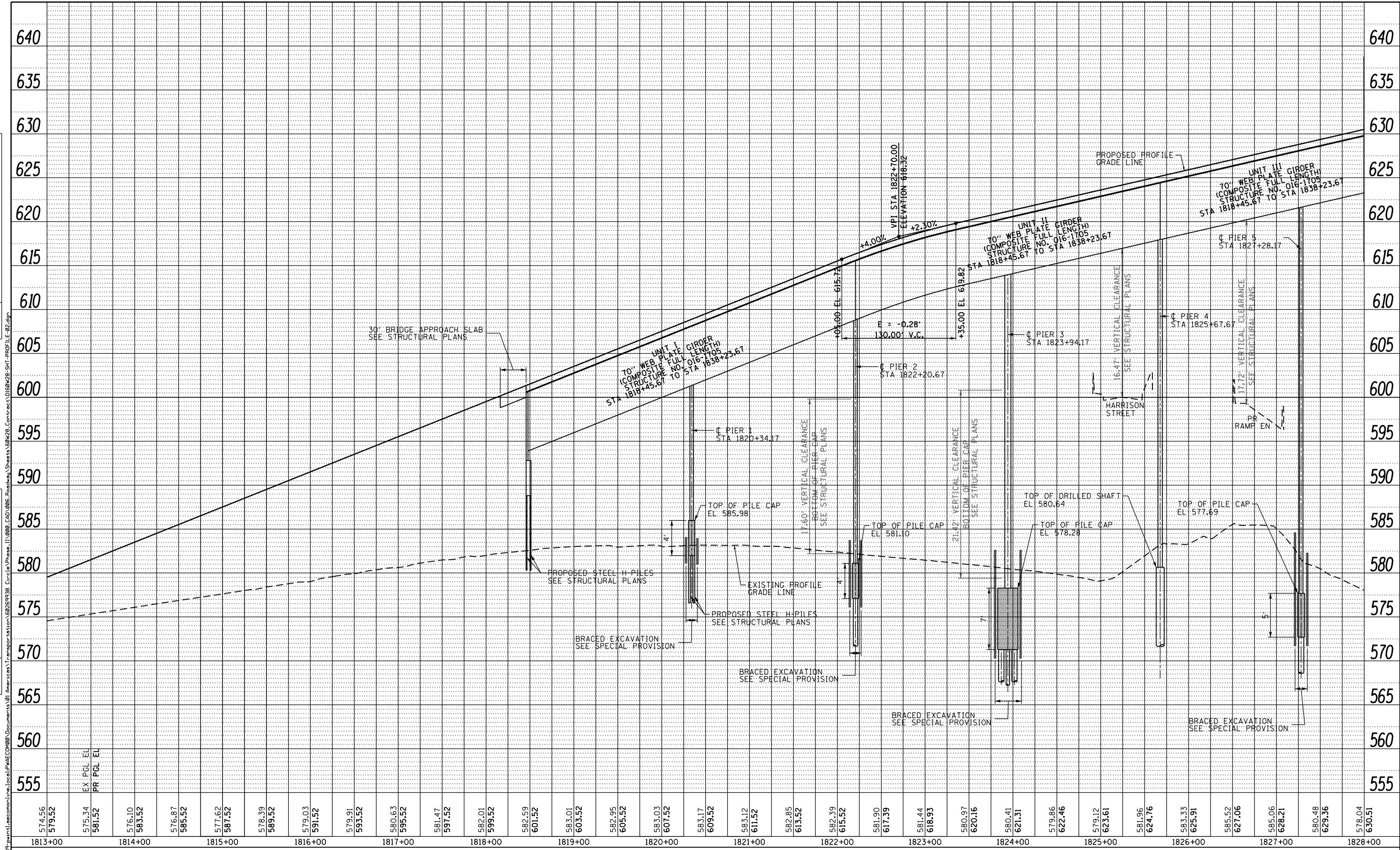
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ROADWAY PROFILE  
 RAMP NW  
 SCALE: 1"=50'  
 SHEET 1 OF 4 SHEETS  
 STA. 1802+75 TO STA. 1813+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	66
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	

PLAN	SUBMITTED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO.	
	NO.	
	NO.	

PROFILE	SUBMITTED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE	
	NOT AT THIS OFFICE	
	NO.	
	NO.	
	NO.	



**RAMP NW**



D160W28-SHT-PROFILE-02.dgn	DESIGNED - KAM	REVISED -
USER NAME = pimsarno	DRAWN - OPS	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - KCF	REVISED -
PLOT DATE = 4/27/2014	DATE - 04/28/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>ROADWAY PROFILE RAMP NW</b>	
SCALE: 1"=50'	SHEET 2 OF 4 SHEETS
STA. 1813+00	TO STA. 1828+00

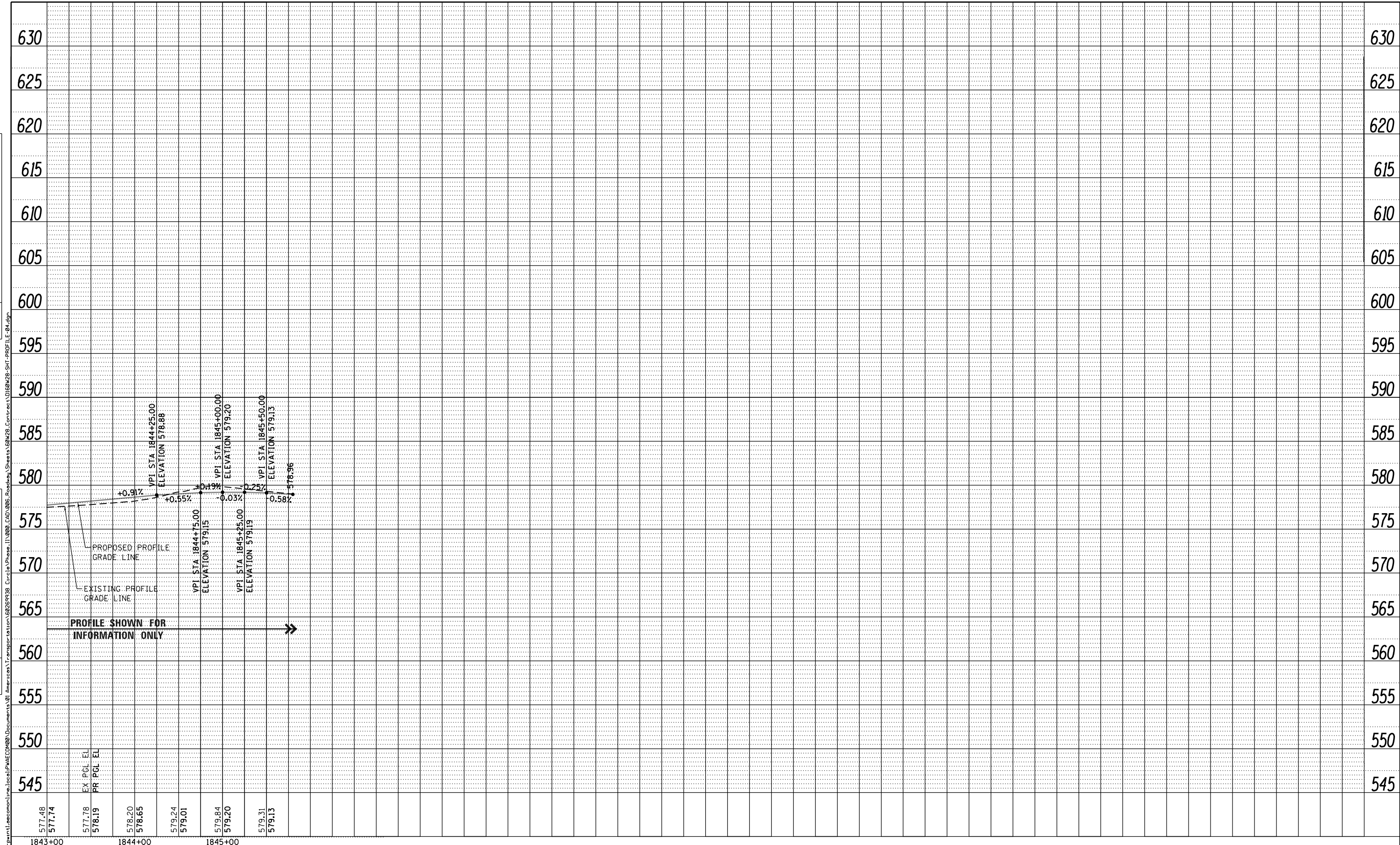
F.A.I. RTE. 90/94/290	SECTION 2013-010R	COUNTY COOK	TOTAL SHEETS 747	SHEET NO. 67
CONTRACT NO. 60W28				ILLINOIS FED. AID PROJECT





PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO.		
	CHECKED		
	FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE		
	NOTATION		
	CHNO		



**RAMP NW**



D160W28-SHT-PROFILE-04.dgn  
 USER NAME = pimsarno  
 PLOT SCALE = 100.0000' / in.  
 PLOT DATE = 4/27/2014

DESIGNED -	KAM	REVISED -	
DRAWN -	NSA/OPS	REVISED -	
CHECKED -	KCF	REVISED -	
DATE -	04/28/14	REVISED -	

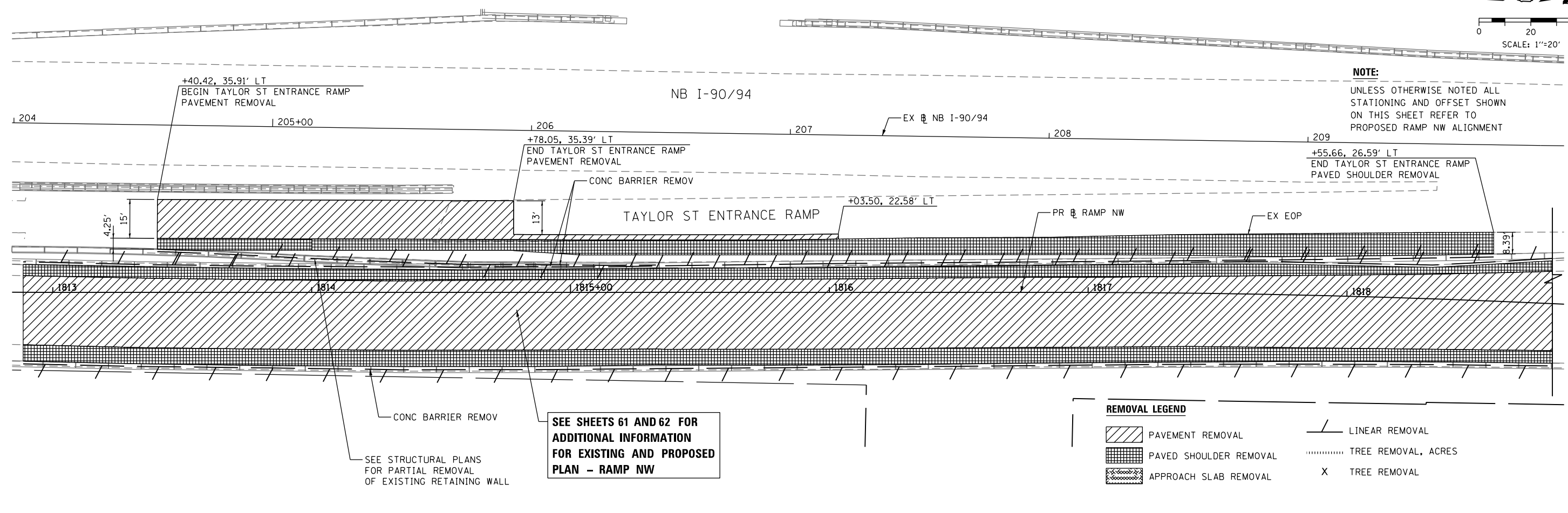
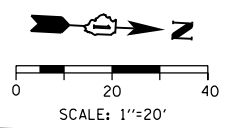
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ROADWAY PROFILE  
 RAMP NW**

SCALE: 1"=50'    SHEET 4 OF 4 SHEETS    STA. 1843+00 TO STA. 1845+80

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	69
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				





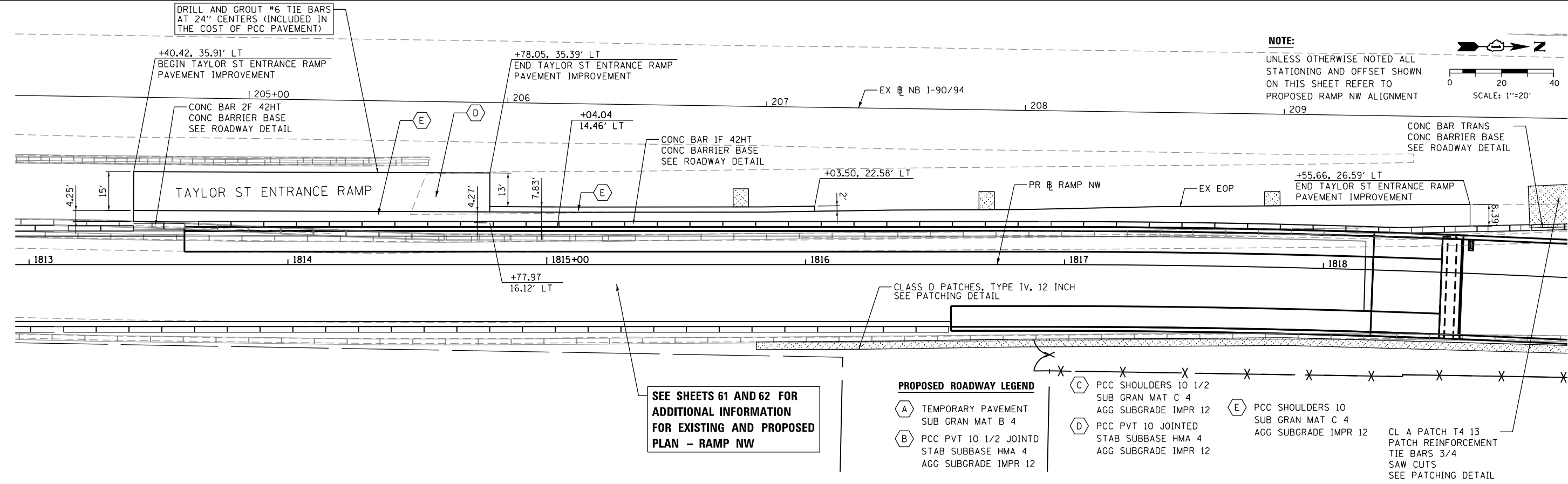
**NOTE:**  
UNLESS OTHERWISE NOTED ALL STATIONING AND OFFSET SHOWN ON THIS SHEET REFER TO PROPOSED RAMP NW ALIGNMENT

**REMOVAL LEGEND**

- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- APPROACH SLAB REMOVAL
- LINEAR REMOVAL
- TREE REMOVAL, ACRES
- TREE REMOVAL

**SEE SHEETS 61 AND 62 FOR ADDITIONAL INFORMATION FOR EXISTING AND PROPOSED PLAN - RAMP NW**

SEE STRUCTURAL PLANS FOR PARTIAL REMOVAL OF EXISTING RETAINING WALL



**NOTE:**  
UNLESS OTHERWISE NOTED ALL STATIONING AND OFFSET SHOWN ON THIS SHEET REFER TO PROPOSED RAMP NW ALIGNMENT

**PROPOSED ROADWAY LEGEND**

- TEMPORARY PAVEMENT SUB GRAN MAT B 4
- PCC PVT 10 1/2 JOINTD STAB SUBBASE HMA 4 AGG SUBGRADE IMPR 12
- PCC SHOULDERS 10 1/2 SUB GRAN MAT C 4 AGG SUBGRADE IMPR 12
- PCC PVT 10 JOINTED STAB SUBBASE HMA 4 AGG SUBGRADE IMPR 12
- PCC SHOULDERS 10 SUB GRAN MAT C 4 AGG SUBGRADE IMPR 12
- CL A PATCH T4 13 PATCH REINFORCEMENT TIE BARS 3/4 SAW CUTS SEE PATCHING DETAIL

**SEE SHEETS 61 AND 62 FOR ADDITIONAL INFORMATION FOR EXISTING AND PROPOSED PLAN - RAMP NW**



D160W28-SHT-PLAN-08.dgn	DESIGNED - OPS	REVISED -
USER NAME = pimsarno	DRAWN - NSA	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - KCF	REVISED -
PLOT DATE = 4/27/2014	DATE - 04/28/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN  
TAYLOR ENTRANCE RAMP IMPROVEMENT**

SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	71
CONTRACT NO. 60W28				

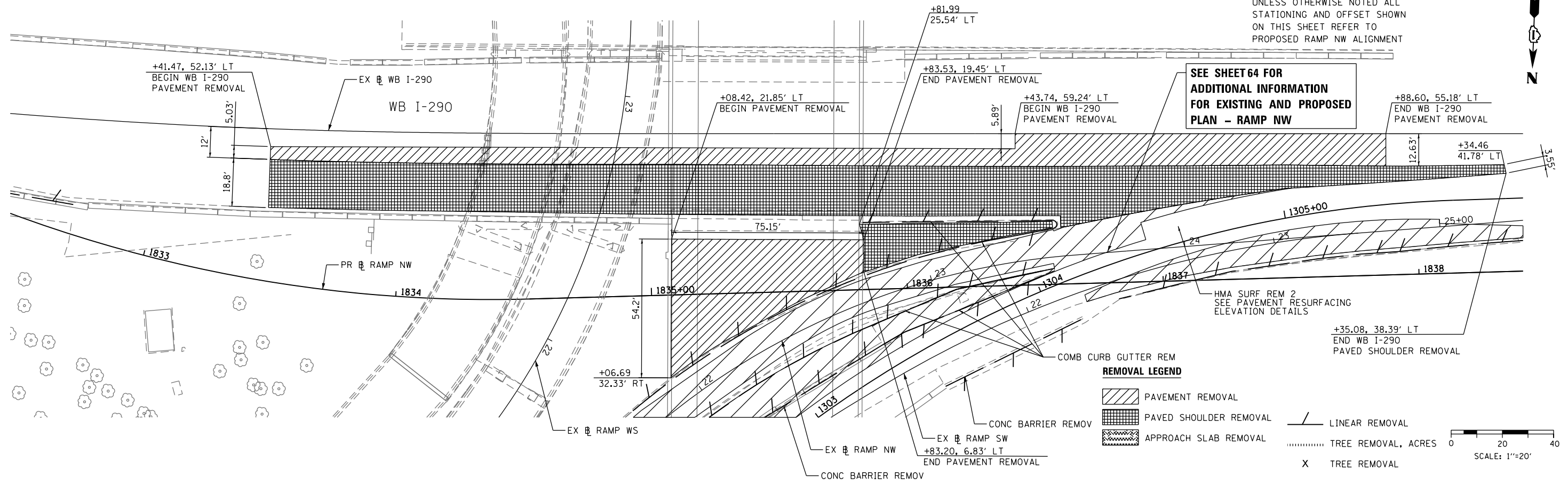
ILLINOIS FED. AID PROJECT

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**NOTE:**

UNLESS OTHERWISE NOTED ALL STATIONING AND OFFSET SHOWN ON THIS SHEET REFER TO PROPOSED RAMP NW ALIGNMENT

**SEE SHEET 64 FOR ADDITIONAL INFORMATION FOR EXISTING AND PROPOSED PLAN - RAMP NW**



**REMOVAL LEGEND**

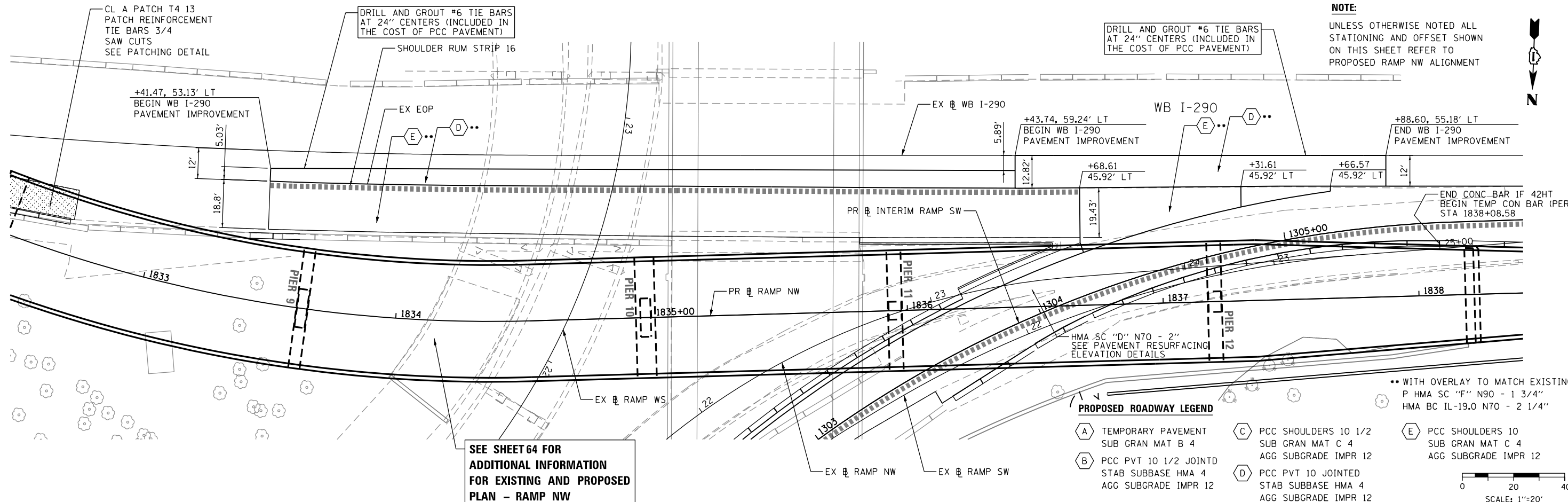
- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- APPROACH SLAB REMOVAL
- LINEAR REMOVAL
- TREE REMOVAL, ACRES
- TREE REMOVAL

SCALE: 1"=20'

**NOTE:**

UNLESS OTHERWISE NOTED ALL STATIONING AND OFFSET SHOWN ON THIS SHEET REFER TO PROPOSED RAMP NW ALIGNMENT

DRILL AND GROUT #6 TIE BARS AT 24" CENTERS (INCLUDED IN THE COST OF PCC PAVEMENT)



**PROPOSED ROADWAY LEGEND**

- TEMPORARY PAVEMENT SUB GRAN MAT B 4
- PCC PVT 10 1/2 JOINTED STAB SUBBASE HMA 4 AGG SUBGRADE IMPR 12
- PCC SHOULDERS 10 1/2 SUB GRAN MAT C 4 AGG SUBGRADE IMPR 12
- PCC PVT 10 JOINTED STAB SUBBASE HMA 4 AGG SUBGRADE IMPR 12
- PCC SHOULDERS 10 SUB GRAN MAT C 4 AGG SUBGRADE IMPR 12

•• WITH OVERLAY TO MATCH EXISTING:  
P HMA SC "F" N90 - 1 3/4"  
HMA BC IL-19.0 N70 - 2 1/4"

SCALE: 1"=20'

**SEE SHEET 64 FOR ADDITIONAL INFORMATION FOR EXISTING AND PROPOSED PLAN - RAMP NW**

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PLOT SCALE = 40.0000' / in.  
PLOT DATE = 4/27/2014

DESIGNED - OPS	REVISED -
DRAWN - NSA	REVISED -
CHECKED - KCF	REVISED -
DATE - 04/28/14	REVISED -

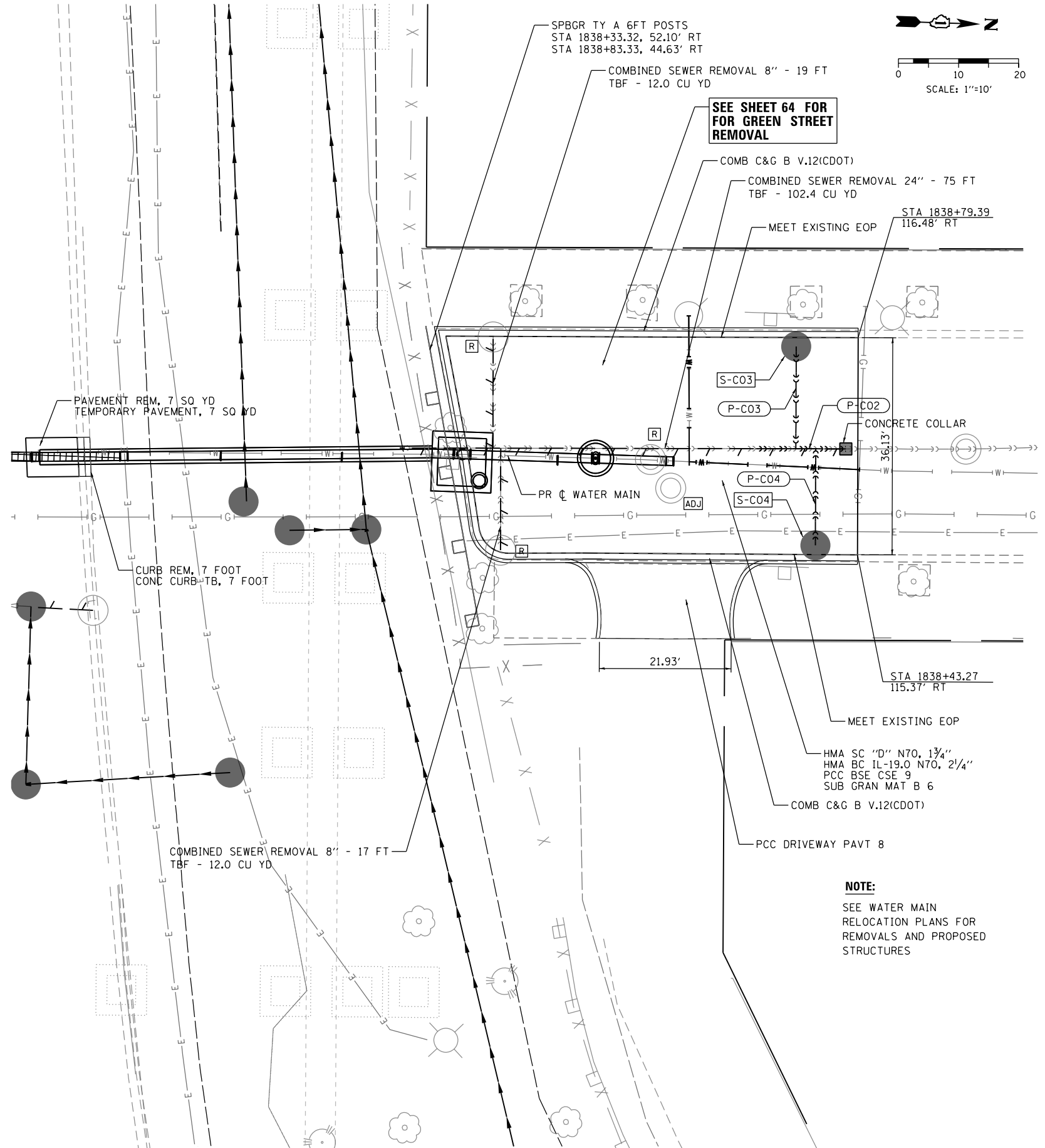
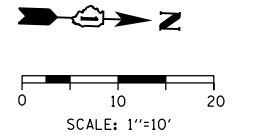
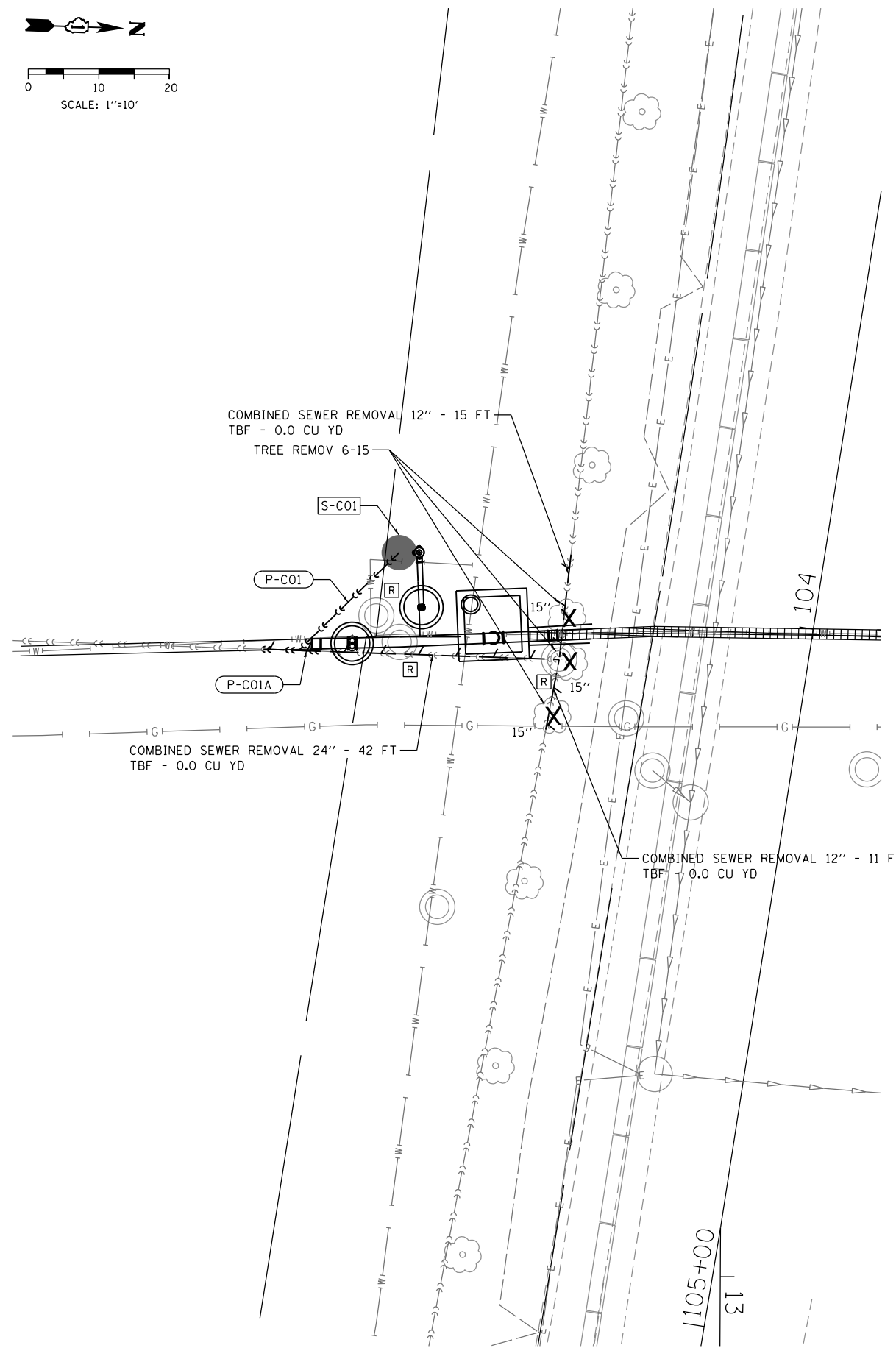
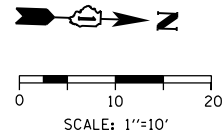
**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN WB I-290 IMPROVEMENT**

SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	72

CONTRACT NO. 60W28  
ILLINOIS FED. AID PROJECT



**NOTE:**  
SEE WATER MAIN  
RELOCATION PLANS FOR  
REMOVALS AND PROPOSED  
STRUCTURES

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PLOT DATE = 4/28/2014

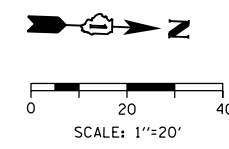
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DRAWN -	NSA/OPS	REVISED -
CHECKED -	KCF	REVISED -
DATE -	04/28/14	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROADWAY, DRAINAGE AND UTILITY PLAN  
AT GREEN STREET

SCALE: 1"=10' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	73
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	



# SHEET INTENTIONALLY LEFT BLANK

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USER NAME = alizabeth	DRAWN - NSA/OPS	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - KCF	REVISED -
PLOT DATE = 4/27/2014	DATE - 04/28/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY, DRAINAGE AND UTILITY PLAN  
AT VERNON PARK PLACE**

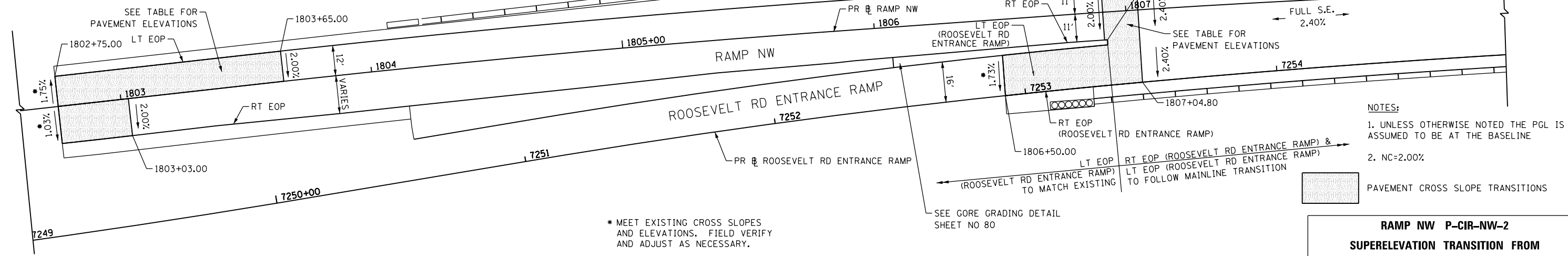
SCALE: 1"=20'      SHEET 1 OF 1 SHEETS      STA.      TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	74
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				



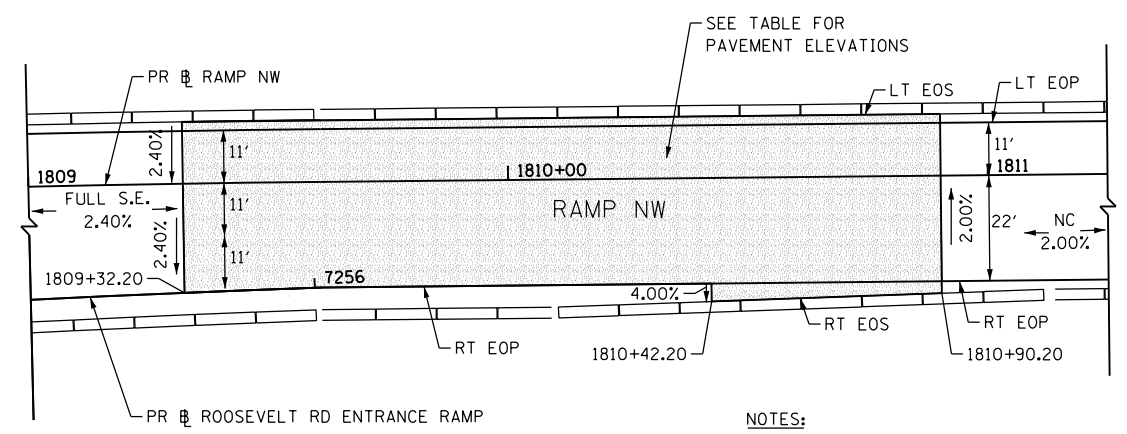
PAVEMENT CROSS SLOPE AND ELEVATION - RAMP NW (TIE IN WITH EXISTING)									
STATION RAMP NW	LT EOP			RT EOP			PGL		
	O/S	%	ELEV.	O/S	%	ELEV.	O/S	%	ELEV.
1802+75.00	-12.00	-1.75%	577.33	14.74	-1.03%	577.39	0.00	N/A	577.54
1802+80.00	-12.00	-1.54%	577.41	14.76	-1.20%	577.41	0.00	N/A	577.59
1802+90.00	-12.00	-1.13%	577.56	14.82	-1.55%	577.47	0.00	N/A	577.70
1803+00.00	-12.00	-0.71%	577.71	14.77	-1.90%	577.51	0.00	N/A	577.79
1803+03.00	-12.00	-0.58%	577.75	14.75	-2.00%	577.52	0.00	N/A	577.82
1803+10.00	-12.00	-0.29%	577.84	14.71	-2.00%	577.58	0.00	N/A	577.88
1803+20.00	-12.00	0.13%	577.97	14.65	-2.00%	577.66	0.00	N/A	577.95
1803+30.00	-12.00	0.54%	578.08	14.60	-2.00%	577.73	0.00	N/A	578.02
1803+40.00	-12.00	0.96%	578.19	14.60	-2.00%	577.78	0.00	N/A	578.07
1803+50.00	-12.00	1.38%	578.28	14.72	-2.00%	577.82	0.00	N/A	578.11
1803+60.00	-12.00	1.79%	578.36	14.83	-2.00%	577.85	0.00	N/A	578.15
1803+65.00	-12.00	2.00%	578.40	14.88	-2.00%	577.86	0.00	N/A	578.16

PAVEMENT CROSS SLOPE AND ELEVATION - RAMP NW															
STATION RAMP NW	LT EOP			RT EOP			LT EOP (ROS)			RT EOP (ROS)			PGL		
	O/S	%	ELEV.	O/S	%	ELEV.	O/S	%	ELEV.	O/S	%	ELEV.	O/S	%	ELEV.
1806+50.00	-11.00	2.00%	575.90	11.00	-2.00%	575.46	14.20	-1.73%	575.39	30.21	-1.73%	575.11	0.00	N/A	575.68
1806+60.00	-11.00	2.00%	575.78	11.00	-2.00%	575.34	13.87	-1.80%	575.28	29.88	-1.80%	574.99	0.00	N/A	575.56
1806+70.00	-11.00	2.00%	575.66	11.00	-2.00%	575.22	13.58	-1.87%	575.18	29.58	-1.87%	574.88	0.00	N/A	575.44
1806+80.00	-11.00	2.00%	575.53	11.00	-2.00%	575.09	13.31	-1.94%	575.08	29.32	-1.94%	574.77	0.00	N/A	575.31
1806+90.80	-11.00	2.00%	575.39	11.00	-2.00%	574.95	13.03	-2.02%	574.97	29.04	-2.02%	574.64	0.00	N/A	575.17
1806+91.96	-11.00	2.03%	575.38	11.00	-2.03%	574.94	13.00	-2.03%	574.90	29.01	-2.03%	574.57	0.00	N/A	575.16
1807+00.00	-11.00	2.26%	575.31	11.00	-2.26%	574.81	12.79	-2.26%	574.77	28.80	-2.26%	574.41	0.00	N/A	575.06
1807+04.80	-11.00	2.40%	575.26	11.00	-2.40%	574.73	12.67	-2.40%	574.69	28.67	-2.40%	574.31	0.00	N/A	575.00



**RAMP NW P-CIR-NW-2  
SUPERELEVATION TRANSITION FROM  
NORMAL CROWN TO FULL SE**

PAVEMENT CROSS SLOPE AND ELEVATION - RAMP NW															
STATION RAMP NW	LT EOS			LT EOP			RT EOP			RT EOS			PGL		
	O/S	%	ELEV.	O/S	%	ELEV.	O/S	%	ELEV.	O/S	%	ELEV.	O/S	%	ELEV.
1809+32.20	-13.00	2.40%	572.08	-11.00	2.40%	572.04	22.00	-2.40%	571.24	N/A	N/A	N/A	0.00	N/A	571.77
1809+40.00	-13.00	2.18%	571.96	-11.00	2.18%	571.92	22.00	-2.18%	571.20	N/A	N/A	N/A	0.00	N/A	571.68
1809+50.00	-13.00	1.90%	571.82	-11.00	1.90%	571.78	22.00	-1.90%	571.15	N/A	N/A	N/A	0.00	N/A	571.57
1809+60.00	-13.00	1.63%	571.70	-11.00	1.63%	571.67	22.00	-1.63%	571.13	N/A	N/A	N/A	0.00	N/A	571.49
1809+61.00	-13.00	1.60%	571.69	-11.00	1.60%	571.66	22.00	-1.60%	571.13	26.75	-4.00%	570.94	0.00	N/A	571.48
1809+70.00	-13.00	1.35%	571.60	-11.00	1.35%	571.57	22.00	-1.35%	571.13	26.75	-4.00%	570.94	0.00	N/A	571.42
1809+80.00	-13.00	1.07%	571.52	-11.00	1.07%	571.50	22.00	-1.07%	571.15	26.75	-4.00%	570.96	0.00	N/A	571.38
1809+90.00	-13.00	0.79%	571.46	-11.00	0.79%	571.44	22.00	-0.79%	571.18	26.75	-4.00%	570.99	0.00	N/A	571.36
1810+00.00	-13.00	0.51%	571.42	-11.00	0.51%	571.41	22.00	-0.51%	571.24	26.75	-4.00%	571.05	0.00	N/A	571.35
1810+10.00	-13.00	0.23%	571.40	-11.00	0.23%	571.40	22.00	-0.23%	571.32	26.72	-4.00%	571.13	0.00	N/A	571.37
1810+20.00	-13.00	-0.05%	571.40	-11.00	-0.05%	571.40	22.00	0.05%	571.42	26.46	-4.00%	571.24	0.00	N/A	571.41
1810+30.00	-13.00	-0.32%	571.42	-11.00	-0.32%	571.43	22.00	0.32%	571.54	26.20	-4.00%	571.37	0.00	N/A	571.47
1810+40.00	-13.00	-0.60%	571.47	-11.00	-0.60%	571.48	22.00	0.60%	571.68	25.93	-4.00%	571.52	0.00	N/A	571.54
1810+42.20	-13.00	-0.66%	571.48	-11.00	-0.66%	571.49	22.00	0.66%	571.71	25.88	-4.00%	571.55	0.00	N/A	571.56
1810+50.00	-13.00	-0.88%	571.53	-11.00	-0.88%	571.54	22.00	0.88%	571.83	25.67	-3.03%	571.72	0.00	N/A	571.64
1810+60.00	-13.00	-1.16%	571.61	-11.00	-1.16%	571.63	22.00	1.16%	572.01	25.41	-1.78%	571.95	0.00	N/A	571.76
1810+70.00	-13.00	-1.44%	571.71	-11.00	-1.44%	571.74	22.00	1.44%	572.21	25.15	-0.53%	572.20	0.00	N/A	571.90
1810+80.00	-13.00	-1.72%	571.83	-11.00	-1.72%	571.87	22.00	1.72%	572.43	24.89	0.72%	572.45	0.00	N/A	572.05
1810+90.20	-13.00	-2.00%	571.98	-11.00	-2.00%	572.02	22.00	2.00%	572.68	24.62	2.00%	572.73	0.00	N/A	572.24



**RAMP NW CURVE P-CIR-NW-2 AND P-CIR-NW-3  
SUPERELEVATION TRANSITION FROM  
FULL SE TO NORMAL CROWN**

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USER NAME = pimsarno  
PLOT SCALE = 40.0000' / in.  
PLOT DATE = 4/27/2014

DESIGNED - KAM  
DRAWN - NSA  
CHECKED - KCF  
DATE - 04/28/14

REVISED -  
REVISED -  
REVISED -  
REVISED -

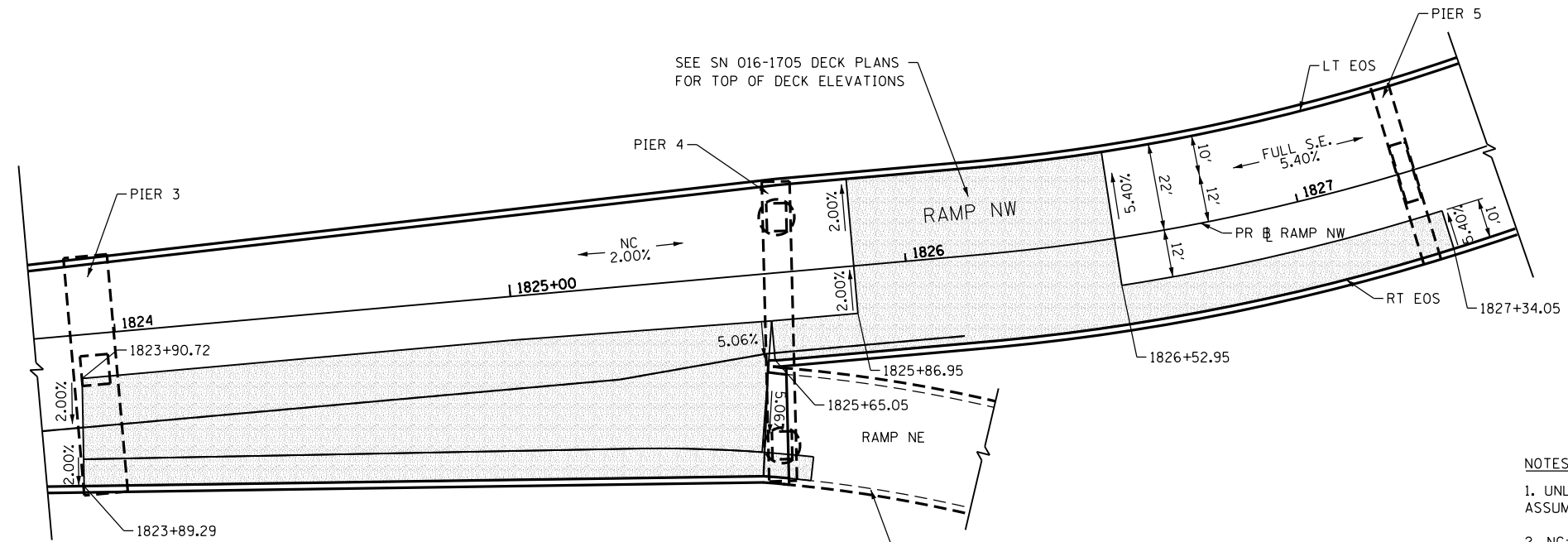
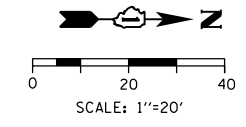
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUPERELEVATION TRANSITION DETAILS  
RAMP NW  
SCALE: 1"=20'  
SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	75

CONTRACT NO. 60W28  
ILLINOIS FED. AID PROJECT

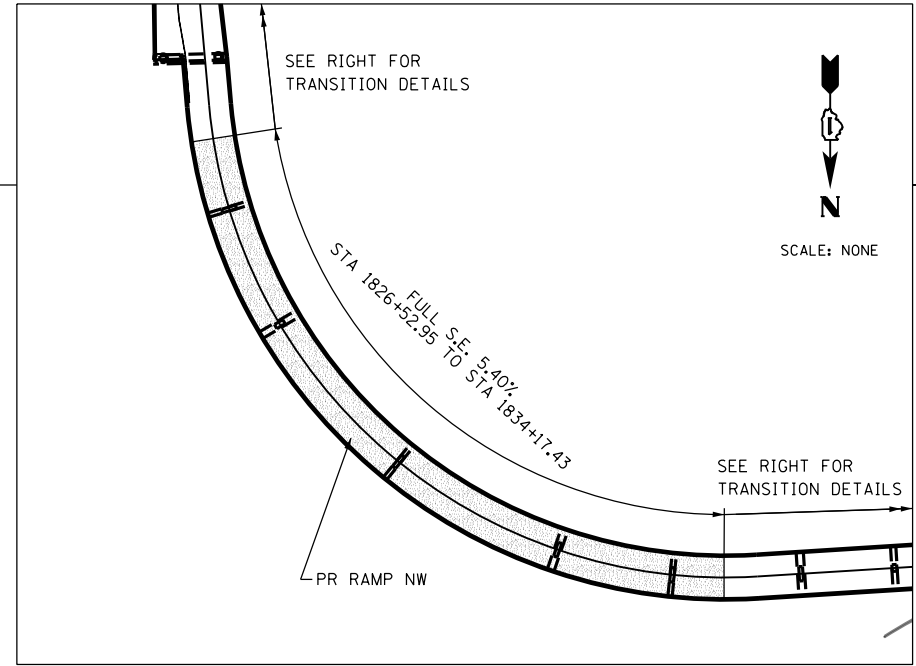




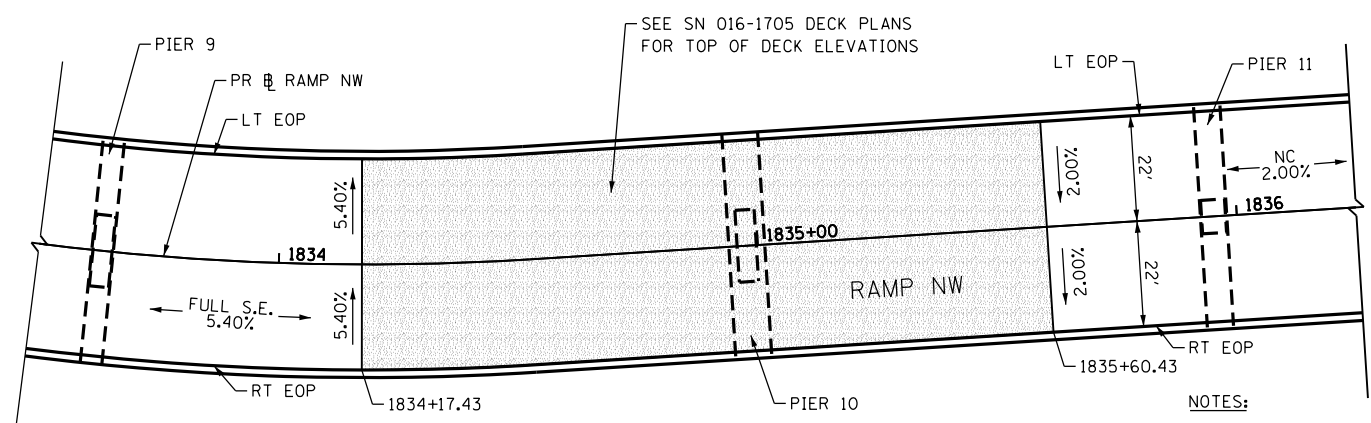
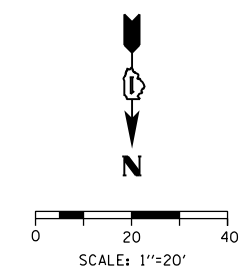
- NOTES:**
- UNLESS OTHERWISE NOTED THE PGL IS ASSUMED TO BE AT THE BASELINE
  - NC=2.00%

PAVEMENT CROSS SLOPE TRANSITIONS

**RAMP NW CURVE P-CIR-NW-6  
SUPERELEVATION TRANSITION FROM  
FULL SE TO NORMAL CROWN**



SCALE: NONE



- NOTES:**
- UNLESS OTHERWISE NOTED THE PGL IS ASSUMED TO BE AT THE BASELINE
  - NC=2.00%

PAVEMENT CROSS SLOPE TRANSITIONS

**RAMP NW CURVE P-CIR-NW-6  
SUPERELEVATION TRANSITION FROM  
FULL SE TO NORMAL CROWN**

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D160W28-sht-SuperTrans Det-02.dgn  
USER NAME = pmsarno  
PLOT SCALE = 40.0000' / in.  
PLOT DATE = 4/26/2014

DESIGNED - KAM  
DRAWN - NSA  
CHECKED - KCF  
DATE - 04/28/14

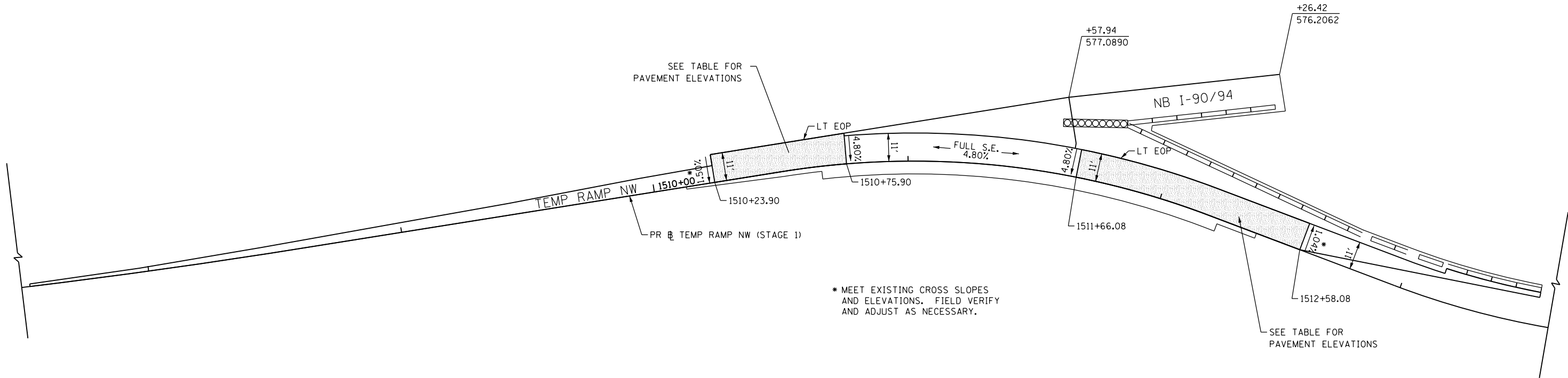
REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUPERELEVATION TRANSITION DETAILS  
RAMP NW**  
SCALE: 1"=20' SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	76
CONTRACT NO. 60W28				

ILLINOIS FED. AID PROJECT

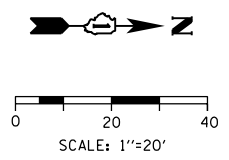


\* MEET EXISTING CROSS SLOPES AND ELEVATIONS. FIELD VERIFY AND ADJUST AS NECESSARY.

PAVEMENT CROSS SLOPE AND ELEVATION - TEMP RAMP NW

STATION TEMP RAMP NW	LT EOP			PGL (= RT EOP)		
	O/S	%	ELEV.	O/S	%	ELEV.
1510+23.90	-11.00	1.50%	578.54	0.00	N/A	578.37
1510+30.00	-11.00	1.89%	578.47	0.00	N/A	578.26
1510+40.00	-11.00	2.52%	578.36	0.00	N/A	578.08
1510+50.00	-11.00	3.16%	578.25	0.00	N/A	577.90
1510+60.00	-11.13	3.79%	578.14	0.00	N/A	577.72
1510+70.00	-11.58	4.43%	578.05	0.00	N/A	577.54
1510+75.90	-12.00	4.80%	578.01	0.00	N/A	577.43

1511+66.08	-11.00	4.80%	577.10	0.00	N/A	576.57
1511+70.00	-11.00	4.55%	577.09	0.00	N/A	576.59
1511+80.00	-11.00	3.92%	577.10	0.00	N/A	576.67
1511+90.00	-11.00	3.28%	577.13	0.00	N/A	576.77
1512+00.00	-11.00	2.65%	577.15	0.00	N/A	576.86
1512+10.00	-11.00	2.01%	577.18	0.00	N/A	576.96
1512+20.00	-11.00	1.38%	577.21	0.00	N/A	577.06
1512+30.00	-11.00	0.74%	577.24	0.00	N/A	577.16
1512+40.00	-11.00	0.11%	577.26	0.00	N/A	577.25
1512+50.00	-11.00	-0.53%	577.29	0.00	N/A	577.35
1512+58.08	-11.00	-1.04%	577.32	0.00	N/A	577.43



- NOTES:
- UNLESS OTHERWISE NOTED THE PGL IS ASSUMED TO BE AT THE BASELINE
  - NC=2.00%

PAVEMENT CROSS SLOPE TRANSITIONS

**TEMPORARY RAMP NW  
STAGE 1  
SUPERELEVATION TRANSITION**

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D160W28-sht-SuperTrans Det-03.dgn  
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 PLOT SCALE = 40.0000' / in.  
 PLOT DATE = 4/26/2014

DESIGNED - KAM  
 DRAWN - NSA  
 CHECKED - KCF  
 DATE - 04/28/14

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUPERELEVATION TRANSITION DETAILS  
TEMPORARY RAMP NW (STAGE 1)**

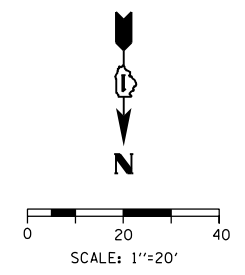
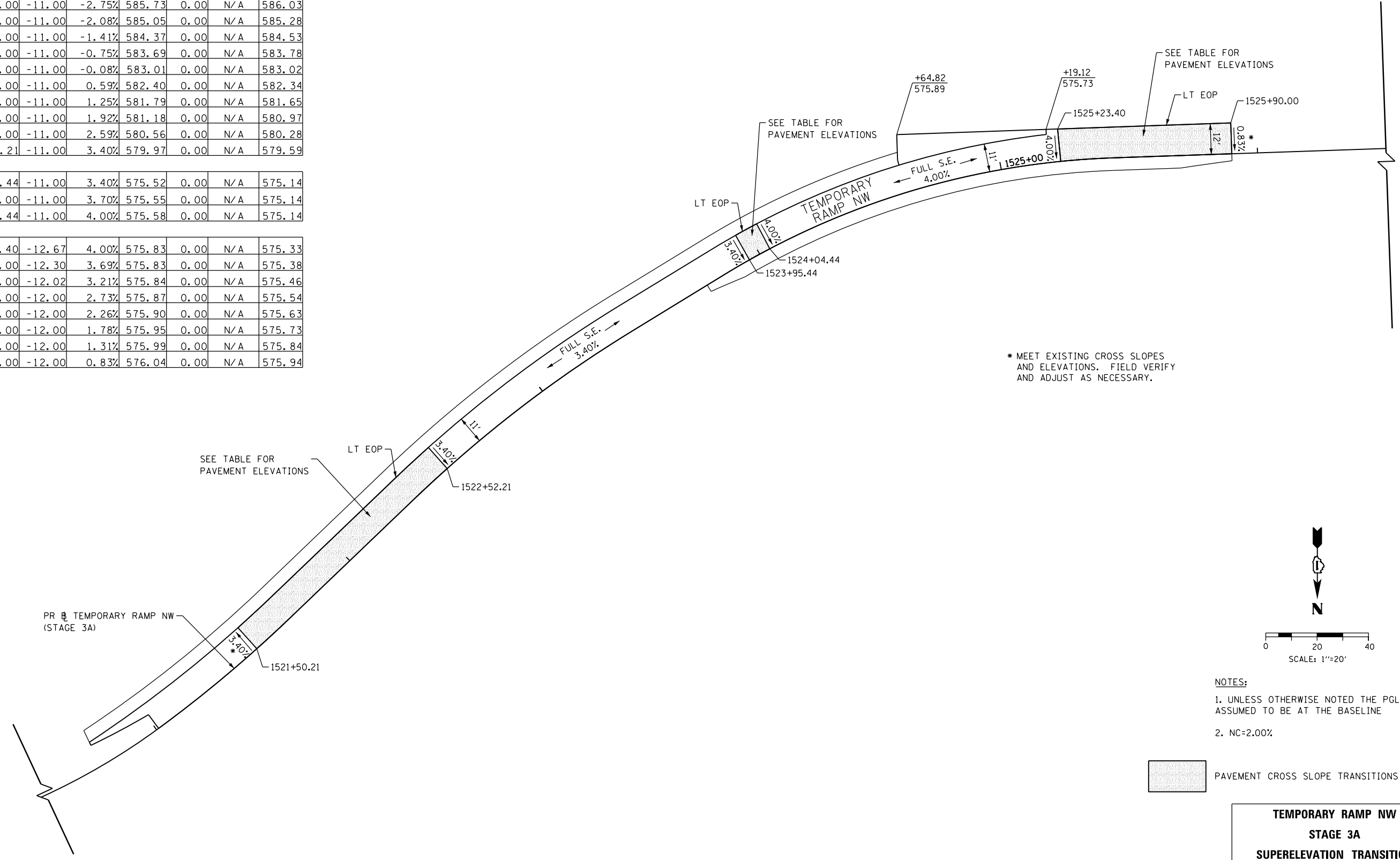
SCALE: 1"=20' SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	77
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				

PAVEMENT CROSS SLOPE AND ELEVATION - TEMP RAMP NW						
STATION TEMP RAMP NW	LT EOP			PGL (= RT EOP)		
	O/S	%	ELEV.	O/S	%	ELEV.
1521+50.21	-11.00	-3.40%	586.40	0.00	N/A	586.77
1521+60.00	-11.00	-2.75%	585.73	0.00	N/A	586.03
1521+70.00	-11.00	-2.08%	585.05	0.00	N/A	585.28
1521+80.00	-11.00	-1.41%	584.37	0.00	N/A	584.53
1521+90.00	-11.00	-0.75%	583.69	0.00	N/A	583.78
1522+00.00	-11.00	-0.08%	583.01	0.00	N/A	583.02
1522+10.00	-11.00	0.59%	582.40	0.00	N/A	582.34
1522+20.00	-11.00	1.25%	581.79	0.00	N/A	581.65
1522+30.00	-11.00	1.92%	581.18	0.00	N/A	580.97
1522+40.00	-11.00	2.59%	580.56	0.00	N/A	580.28
1522+52.21	-11.00	3.40%	579.97	0.00	N/A	579.59

1523+95.44	-11.00	3.40%	575.52	0.00	N/A	575.14
1524+00.00	-11.00	3.70%	575.55	0.00	N/A	575.14
1524+04.44	-11.00	4.00%	575.58	0.00	N/A	575.14

1525+23.40	-12.67	4.00%	575.83	0.00	N/A	575.33
1525+30.00	-12.30	3.69%	575.83	0.00	N/A	575.38
1525+40.00	-12.02	3.21%	575.84	0.00	N/A	575.46
1525+50.00	-12.00	2.73%	575.87	0.00	N/A	575.54
1525+60.00	-12.00	2.26%	575.90	0.00	N/A	575.63
1525+70.00	-12.00	1.78%	575.95	0.00	N/A	575.73
1525+80.00	-12.00	1.31%	575.99	0.00	N/A	575.84
1525+90.00	-12.00	0.83%	576.04	0.00	N/A	575.94



- NOTES:
1. UNLESS OTHERWISE NOTED THE PGL IS ASSUMED TO BE AT THE BASELINE
  2. NC=2.00%

PAVEMENT CROSS SLOPE TRANSITIONS

**TEMPORARY RAMP NW  
STAGE 3A  
SUPERELEVATION TRANSITION**

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DATE -	04/28/14	REVISED -	

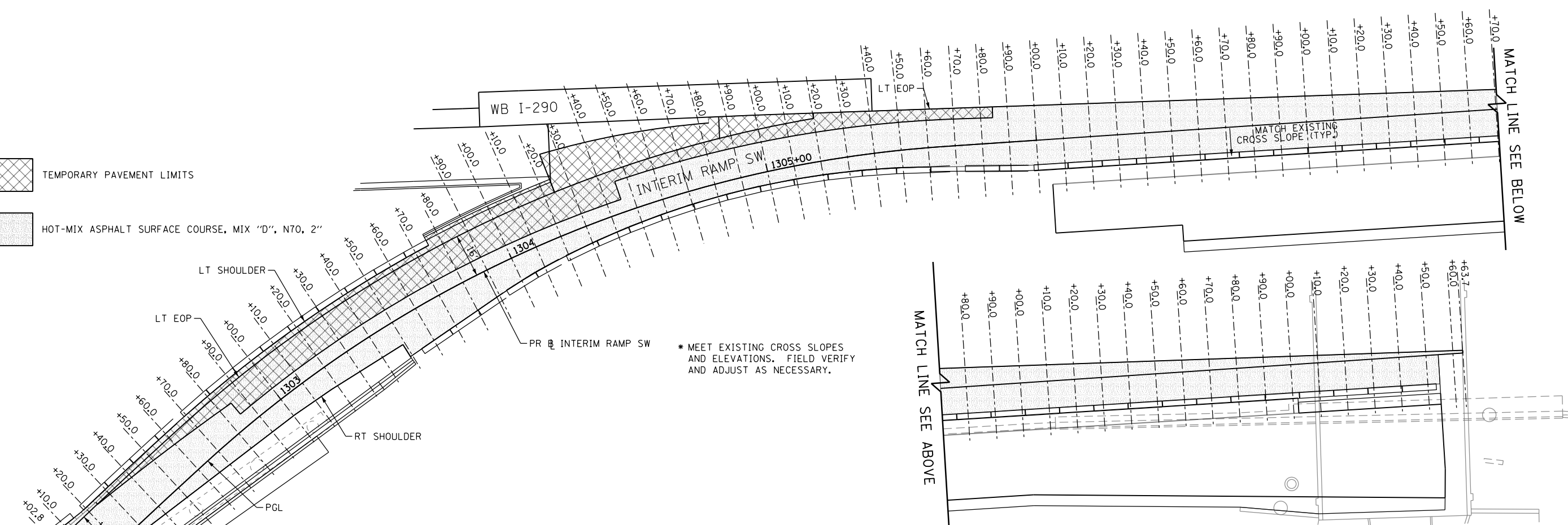
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUPERELEVATION TRANSITION DETAILS  
TEMPORARY RAMP NW (STAGE 3A)**

SCALE: 1"=20'    SHEET 4 OF 4 SHEETS    STA.    TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	78
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				

-  TEMPORARY PAVEMENT LIMITS
-  HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"



\* MEET EXISTING CROSS SLOPES AND ELEVATIONS. FIELD VERIFY AND ADJUST AS NECESSARY.

PAVEMENT CROSS SLOPE AND ELEVATION - INTERIM RAMP SW

STATION INTERIM RAMP SW	LT EOP			PGL (= RT EOP)		
	O/S	%	ELEV.	O/S	%	ELEV.
1302+02.82	16.00	4.29%	575.19	0.00	N/A	574.51
1302+10.00	16.00	4.34%	575.17	0.00	N/A	574.47
1302+20.00	16.00	4.19%	575.13	0.00	N/A	574.46
1302+30.00	16.00	3.91%	575.09	0.00	N/A	574.46
1302+40.00	16.00	3.60%	575.04	0.00	N/A	574.46
1302+50.00	16.00	3.39%	575.01	0.00	N/A	574.46
1302+60.00	16.00	3.38%	575.00	0.00	N/A	574.46
1302+70.00	16.00	3.36%	575.00	0.00	N/A	574.46
1302+80.00	16.00	3.34%	574.99	0.00	N/A	574.45
1302+90.00	16.00	3.33%	574.97	0.00	N/A	574.44
1303+00.00	16.00	3.19%	574.95	0.00	N/A	574.44
1303+10.00	16.00	3.24%	574.95	0.00	N/A	574.44
1303+20.00	16.00	3.24%	574.95	0.00	N/A	574.43
1303+30.00	16.00	3.27%	574.94	0.00	N/A	574.42
1303+40.00	16.00	3.56%	574.94	0.00	N/A	574.37
1303+50.00	16.00	3.81%	574.94	0.00	N/A	574.33
1303+60.00	16.00	3.80%	574.92	0.00	N/A	574.31
1303+70.00	16.00	4.48%	574.96	0.00	N/A	574.24
1303+80.00	16.00	4.77%	574.97	0.00	N/A	574.20
1303+90.00	16.00	3.80%	574.89	0.00	N/A	574.28
1304+00.00	16.00	4.10%	574.95	0.00	N/A	574.29
1304+10.00	16.00	3.95%	574.98	0.00	N/A	574.35
1304+20.00	16.00	3.89%	575.06	0.00	N/A	574.44
1304+30.00	16.00	3.88%	575.17	0.00	N/A	574.55
1304+40.00	16.00	3.67%	575.27	0.00	N/A	574.69
1304+50.00	16.00	3.42%	575.36	0.00	N/A	574.81
1304+60.00	16.00	3.34%	575.44	0.00	N/A	574.90

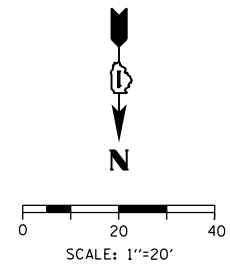
PAVEMENT CROSS SLOPE AND ELEVATION - INTERIM RAMP SW

STATION INTERIM RAMP SW	LT EOP			PGL (= RT EOP)		
	O/S	%	ELEV.	O/S	%	ELEV.
1304+70.00	16.00	3.32%	575.51	0.00	N/A	574.98
1304+80.00	16.00	3.28%	575.57	0.00	N/A	575.04
1304+90.00	16.00	2.52%	575.60	0.00	N/A	575.19
1305+00.00	16.00	2.16%	575.69	0.00	N/A	575.34
1305+10.00	16.00	2.22%	575.79	0.00	N/A	575.43
1305+20.00	16.00	2.14%	575.87	0.00	N/A	575.53
1305+30.00	16.72	2.16%	575.98	0.00	N/A	575.62
1305+40.00	15.67	2.18%	576.04	0.00	N/A	575.69
1305+50.00	14.84	2.13%	576.09	0.00	N/A	575.77
1305+60.00	14.25	2.12%	576.13	0.00	N/A	575.82
1305+70.00	13.88	2.34%	576.18	0.00	N/A	575.85
1305+80.00	13.55	2.58%	576.23	0.00	N/A	575.88
1305+90.00	13.22	2.59%	576.25	0.00	N/A	575.91
1306+00.00	12.89	2.39%	576.27	0.00	N/A	575.96
1306+10.00	12.57	2.18%	576.28	0.00	N/A	576.01
1306+20.00	12.24	1.98%	576.30	0.00	N/A	576.05
1306+30.00	11.91	1.77%	576.31	0.00	N/A	576.10
1306+40.00	11.59	1.57%	576.33	0.00	N/A	576.15
1306+50.00	11.26	1.47%	576.37	0.00	N/A	576.21
1306+60.00	10.93	1.47%	576.42	0.00	N/A	576.26
1306+70.00	10.61	1.50%	576.48	0.00	N/A	576.32
1306+80.00	10.28	1.55%	576.53	0.00	N/A	576.37
1306+90.00	9.95	1.60%	576.58	0.00	N/A	576.42
1307+00.00	9.62	1.64%	576.63	0.00	N/A	576.47
1307+10.00	9.30	1.58%	576.66	0.00	N/A	576.52
1307+20.00	8.97	1.47%	576.69	0.00	N/A	576.56

PAVEMENT CROSS SLOPE AND ELEVATION - INTERIM RAMP SW

STATION INTERIM RAMP SW	LT EOP			PGL (= RT EOP)		
	O/S	%	ELEV.	O/S	%	ELEV.
1307+30.00	8.64	1.35%	576.71	0.00	N/A	576.60
1307+40.00	8.32	1.23%	576.74	0.00	N/A	576.64
1307+50.00	7.99	1.22%	576.77	0.00	N/A	576.67
1307+60.00	7.66	1.22%	576.81	0.00	N/A	576.72
1307+70.00	7.33	1.22%	576.85	0.00	N/A	576.77
1307+80.00	7.01	1.22%	576.90	0.00	N/A	576.81
1307+90.00	6.68	1.13%	576.93	0.00	N/A	576.86
1308+00.00	6.35	1.05%	576.97	0.00	N/A	576.90
1308+10.00	6.03	1.06%	577.01	0.00	N/A	576.94
1308+20.00	5.70	1.07%	577.04	0.00	N/A	576.98
1308+30.00	5.37	1.07%	577.08	0.00	N/A	577.02
1308+40.00	5.04	1.07%	577.12	0.00	N/A	577.06
1308+50.00	4.72	1.08%	577.15	0.00	N/A	577.10
1308+60.00	4.39	1.08%	577.17	0.00	N/A	577.13
1308+70.00	4.06	1.08%	577.20	0.00	N/A	577.15
1308+80.00	3.74	1.09%	577.22	0.00	N/A	577.18
1308+90.00	3.41	1.39%	577.26	0.00	N/A	577.21
1309+00.00	3.08	1.39%	577.30	0.00	N/A	577.25
1309+10.00	2.76	1.39%	577.33	0.00	N/A	577.29
1309+20.00	2.43	1.39%	577.36	0.00	N/A	577.33
1309+30.00	2.10	1.39%	577.40	0.00	N/A	577.37
1309+40.00	1.77	1.07%	577.42	0.00	N/A	577.41
1309+50.00	1.45	1.07%	577.45	0.00	N/A	577.43
1309+60.00	1.12	1.07%	577.48	0.00	N/A	577.46
1309+63.65	1.00	1.07%	577.49	0.00	N/A	577.48

- NOTES:
- UNLESS OTHERWISE NOTED THE PGL IS ASSUMED TO BE AT THE BASELINE
  - NC=2.00%



**INTERIM RAMP SW  
PAVEMENT ELEVATIONS**

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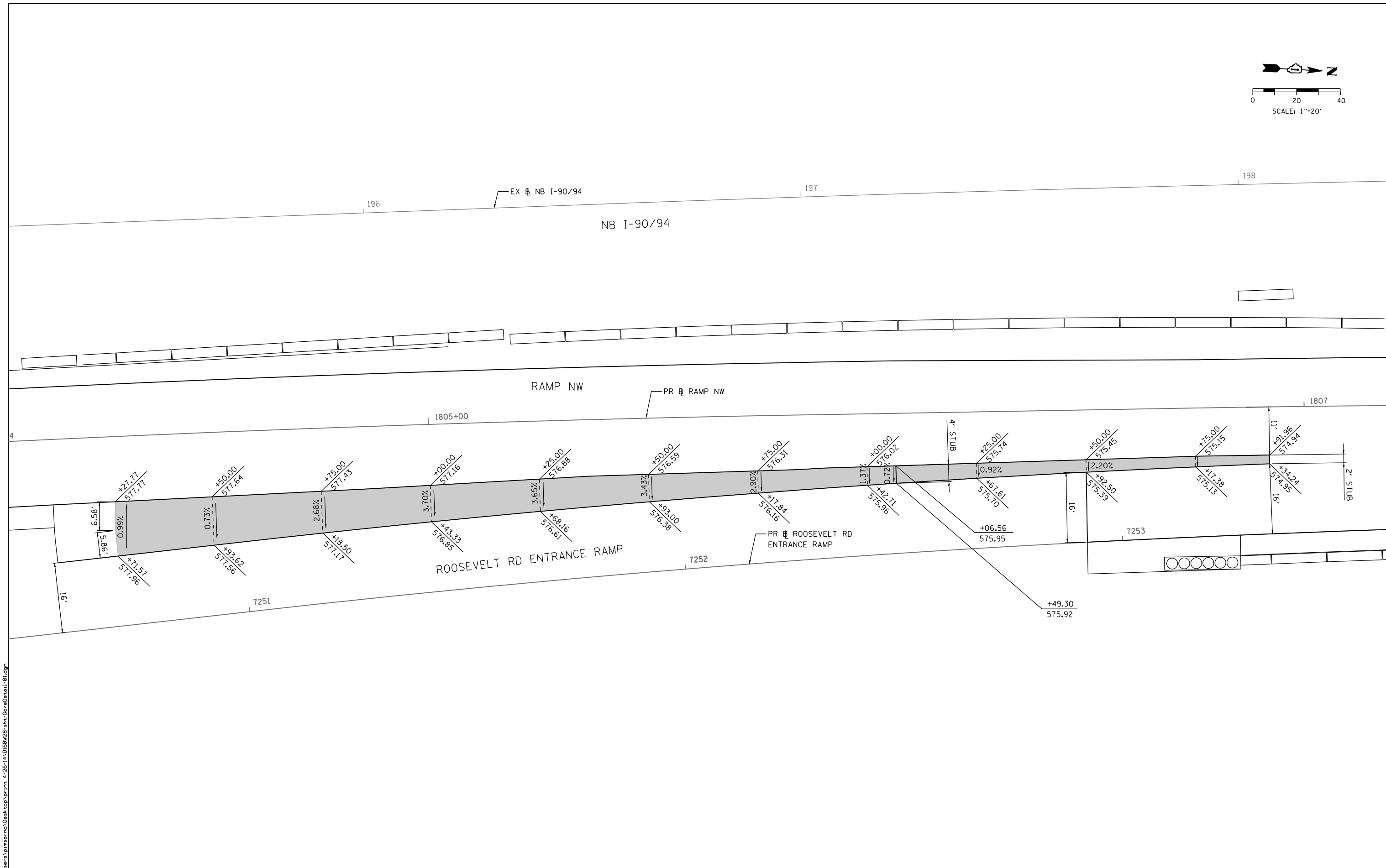
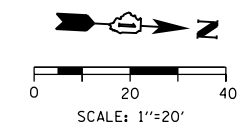
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 USER NAME = pimsarno  
 PLOT SCALE = 40.0000' / in.  
 PLOT DATE = 4/27/2014

DESIGNED - KAM	REVISED -
DRAWN - NSA	REVISED -
CHECKED - KCF	REVISED -
DATE - 04/28/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PAVEMENT RESURFACING ELEVATION DETAILS</b>			
<b>INTERIM RAMP SW</b>			
SCALE: 1"=20'	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-010R	COUNTY COOK	TOTAL SHEETS 747	SHEET NO. 79
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				



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 PLOT DATE = 4/26/2014

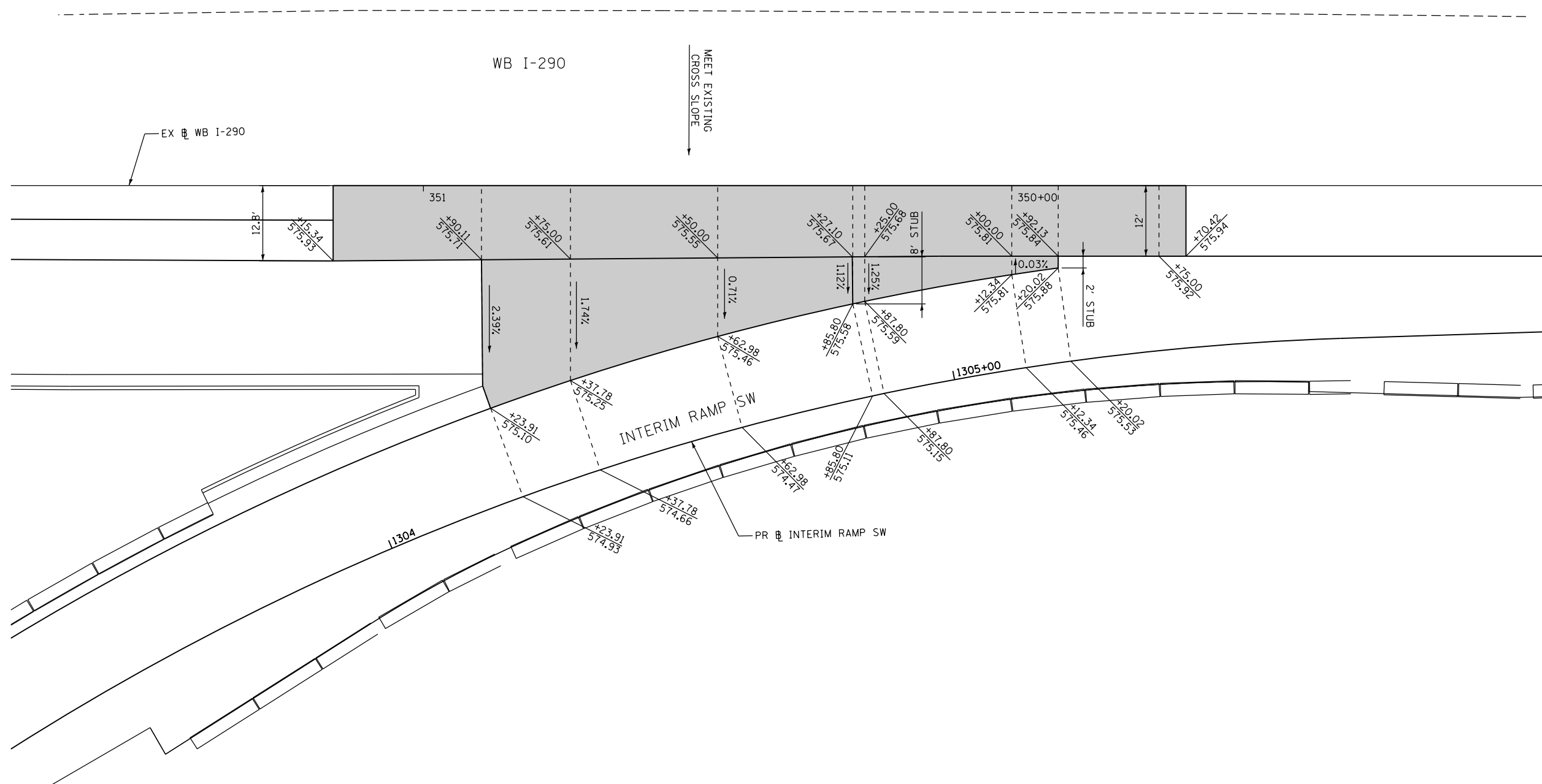
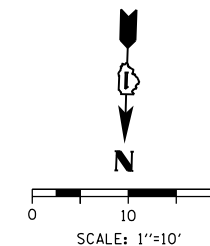
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DRAWN - NSA	REVISED -
CHECKED - KCF	REVISED -
DATE - 04/28/14	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**GORE GRADING DETAILS  
 RAMP NW AND ROOSEVELT RD ENTRANCE RAMP**

SCALE: 1"=10'    SHEET 1 OF 2 SHEETS    STA.    TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	80
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				



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D160W28-sht-GoreDetail-02.dgn  
 USER NAME = pmsarno  
 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 4/26/2014

DESIGNED - OPS  
 DRAWN - NSA  
 CHECKED - DBM  
 DATE - 04/28/14

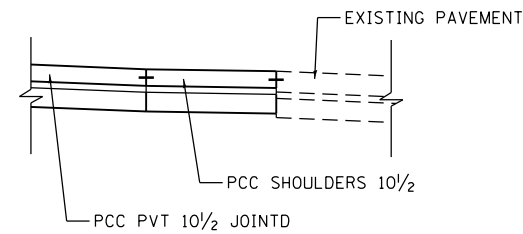
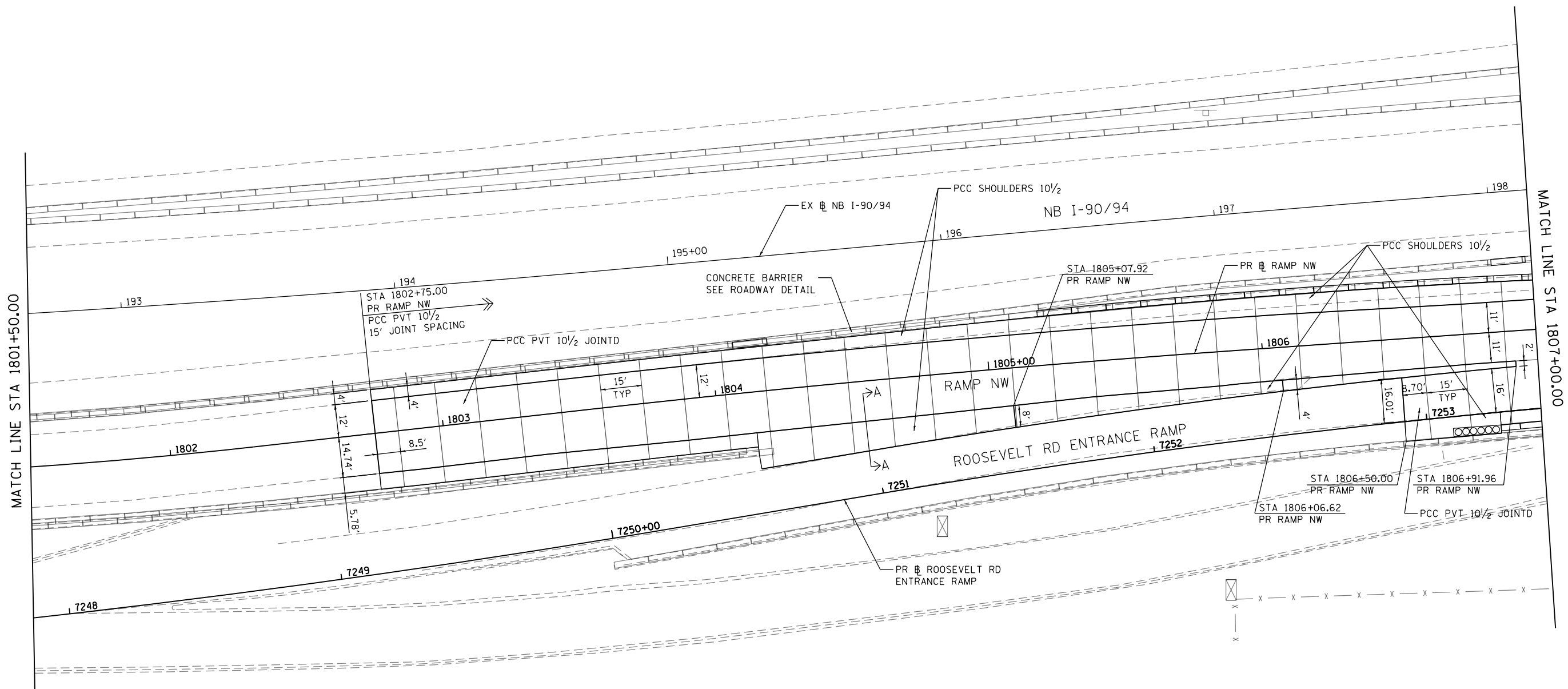
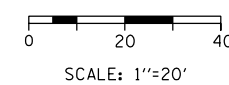
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 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**GORE GRADING DETAILS  
 WB I-290 AND INTERIM RAMP SW**

SCALE: 1"=10' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	81
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	



SECTION A-A  
SCALE: NONE

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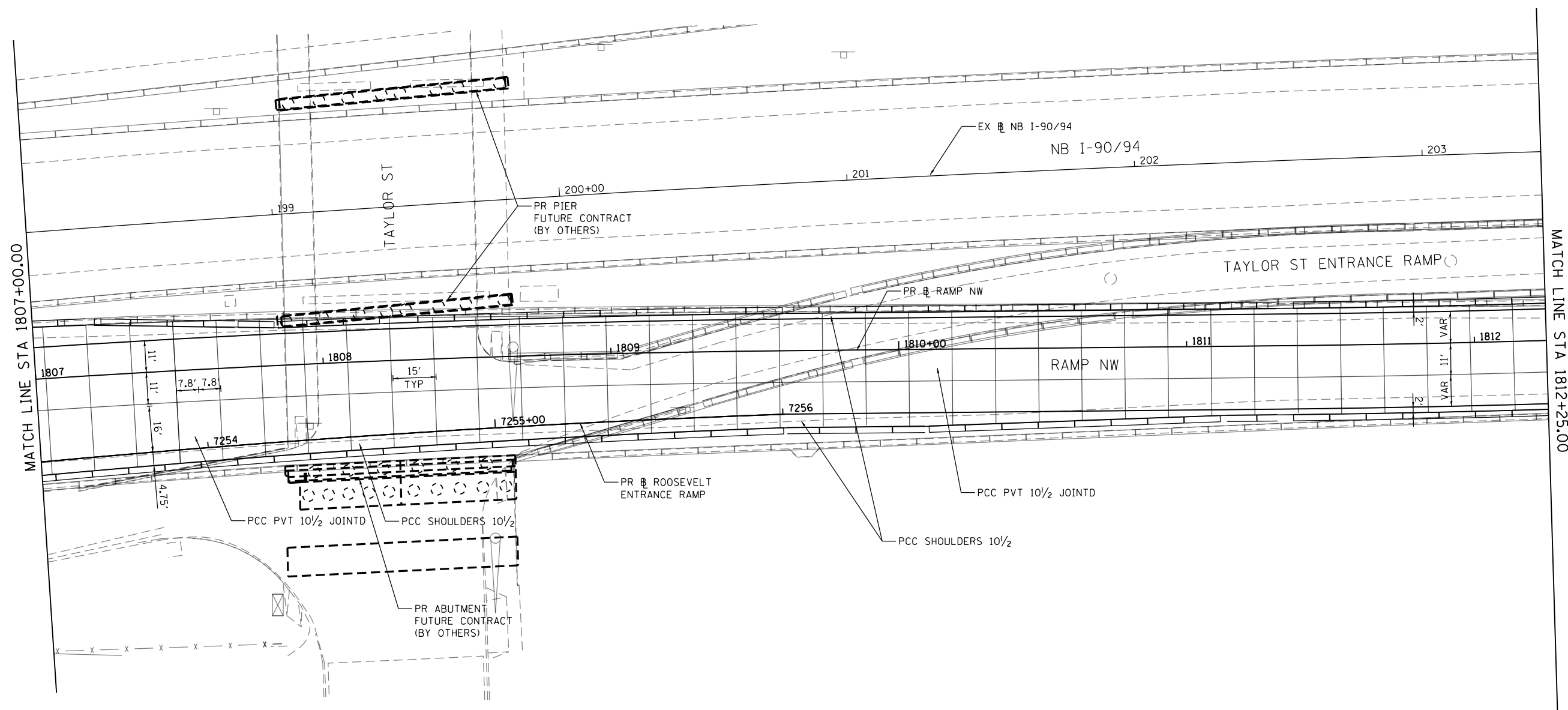
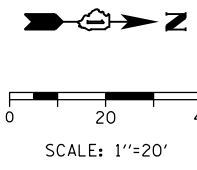
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PLOT SCALE = 40.0000' / in.	CHECKED - OPS	REVISED -
PLOT DATE = 4/28/2014	DATE - 04/28/14	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

JOINTING AND PCC PAVEMENT DETAIL PLAN

SCALE: 1"=20' SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	82
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				



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D160W28-sht-Jointing Detail-02.dgn
USER NAME = pimsarno
PLOT SCALE = 40.0000' / in.
PLOT DATE = 4/27/2014

DESIGNED - NSA	REVISED -
DRAWN - NSA	REVISED -
CHECKED - OPS	REVISED -
DATE - 04/28/14	REVISED -

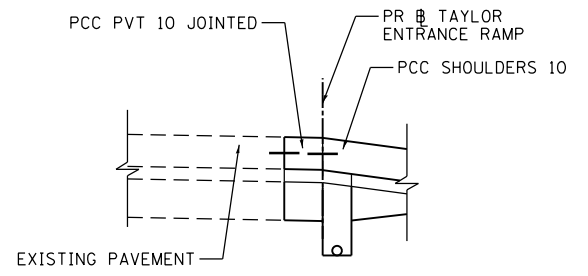
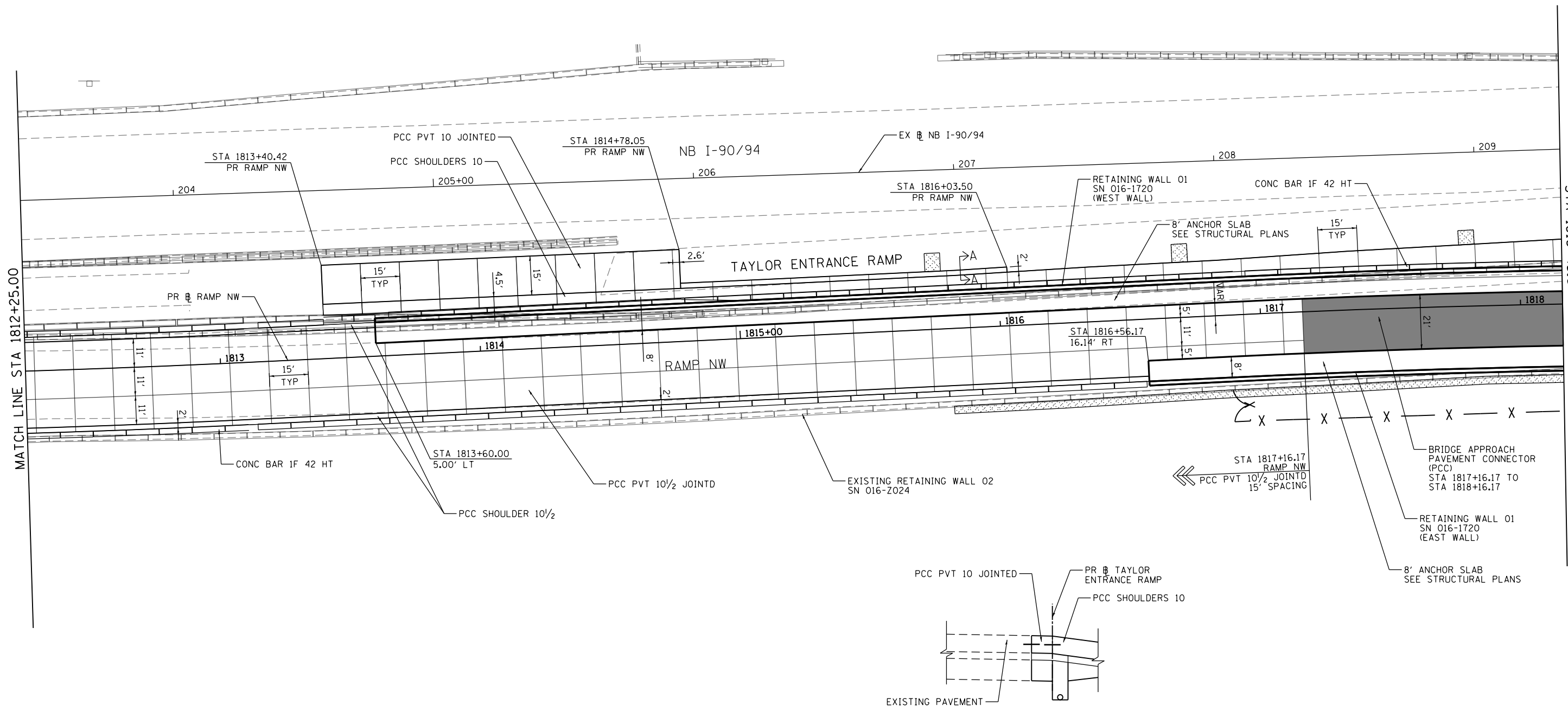
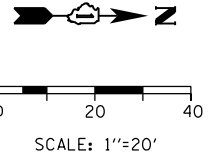
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**JOINTING AND PCC PAVEMENT DETAIL PLAN**

SCALE: 1"=20'    SHEET 2 OF 5 SHEETS    STA.    TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	83
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				





SECTION A-A  
SCALE: NONE

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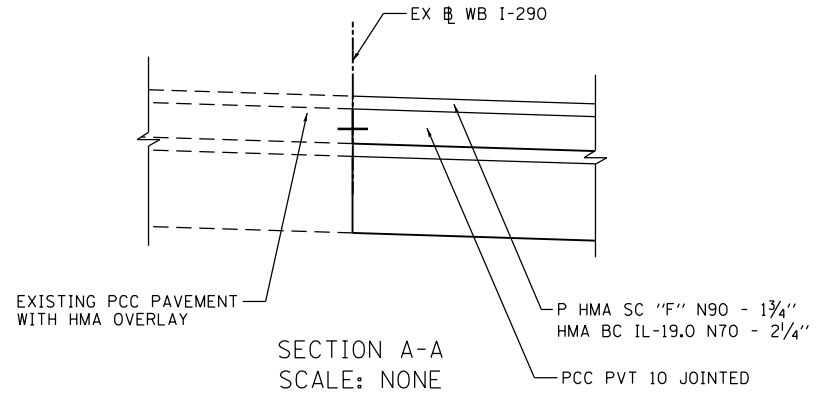
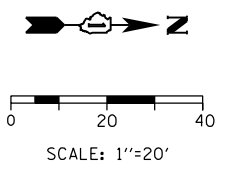
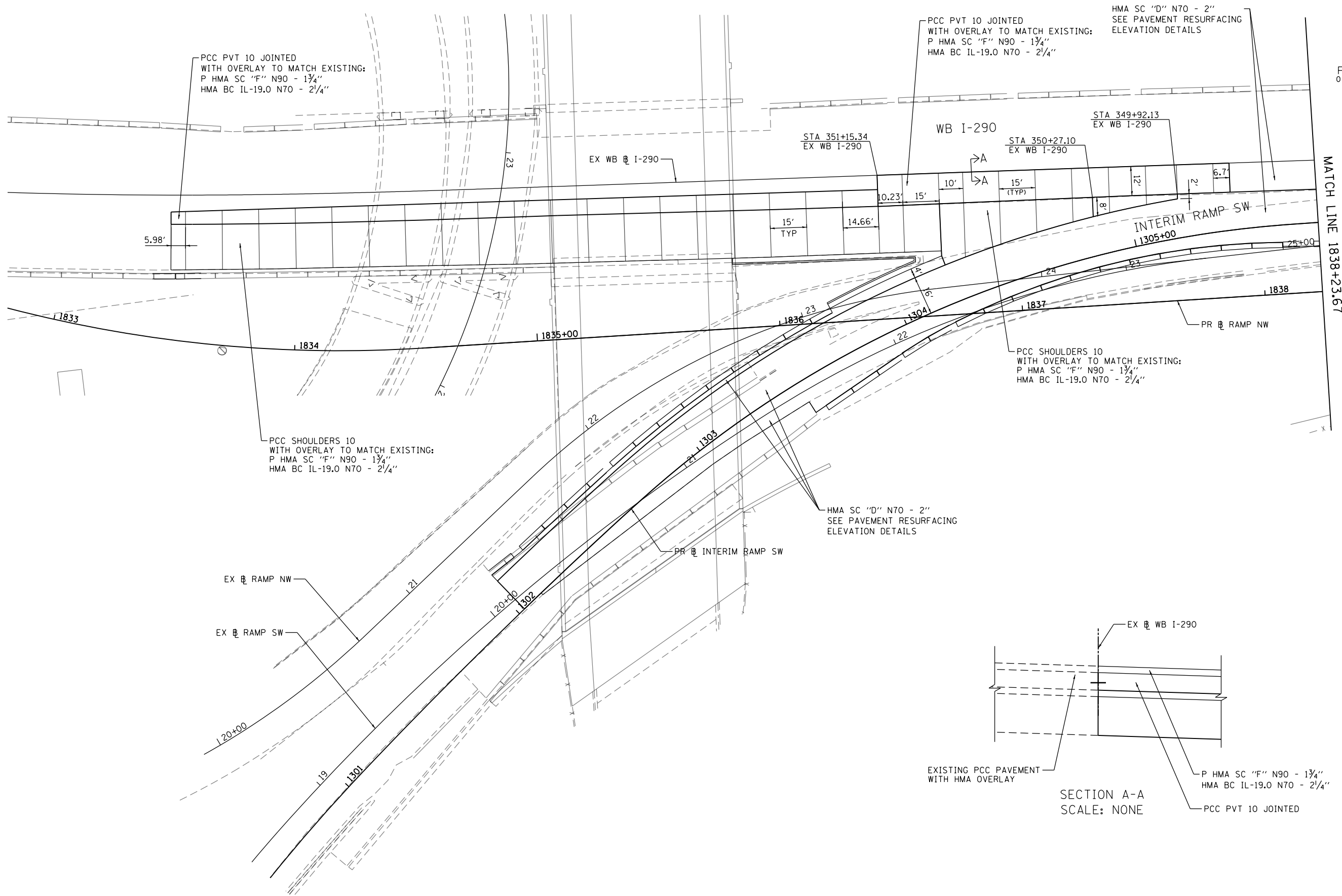
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PLOT DATE = 4/28/2014	DATE - 04/28/14	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**JOINTING AND PCC PAVEMENT DETAIL PLAN**  
 SCALE: 1"=20'    SHEET 3 OF 5 SHEETS    STA.    TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	84
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	

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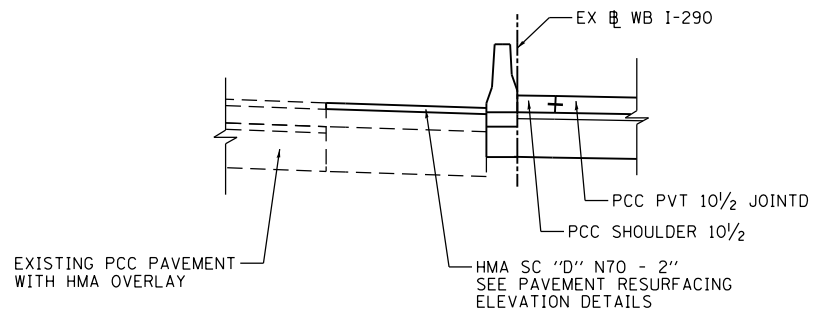
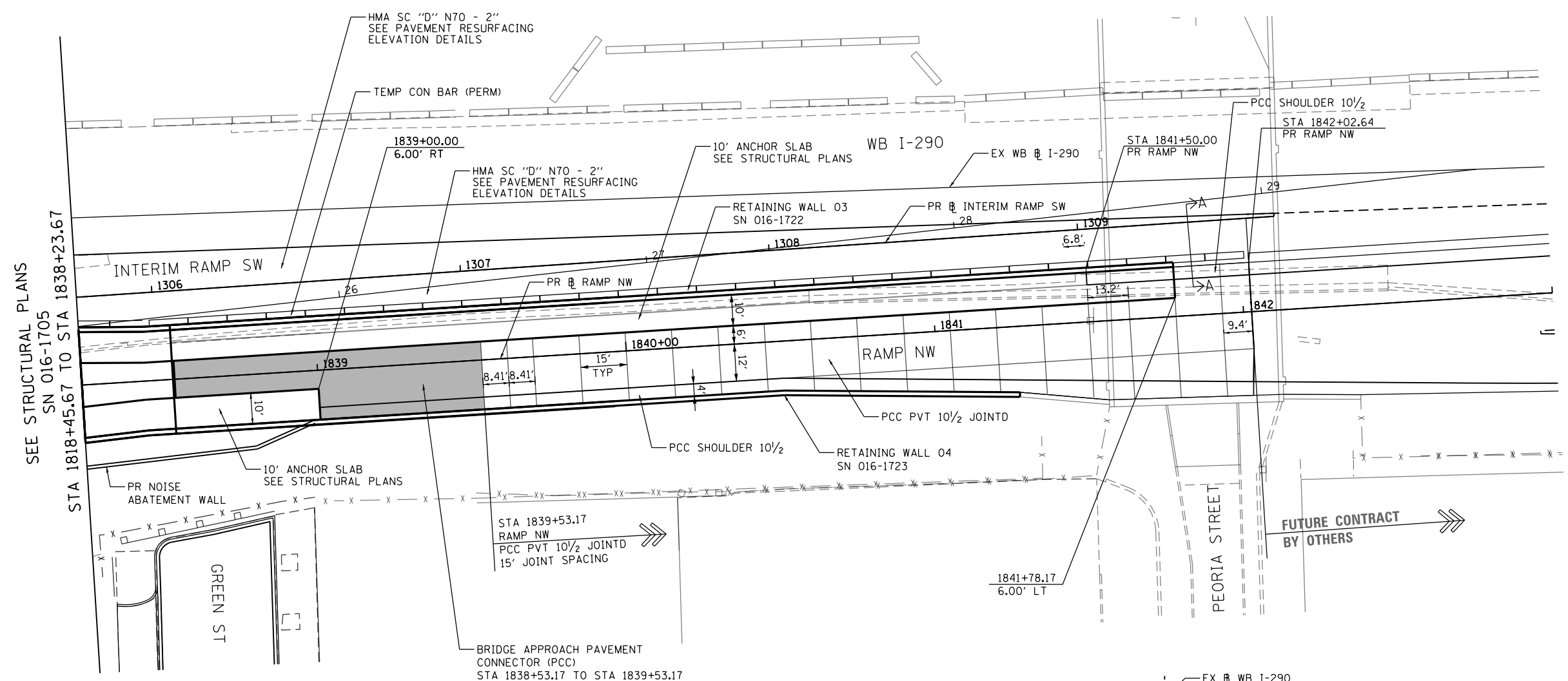
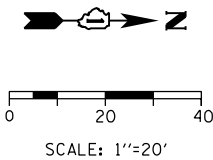
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PLOT DATE = 4/28/2014	DATE - 04/28/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**JOINTING AND PCC PAVEMENT DETAIL PLAN**

SCALE: 1"=20' SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	85
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				



SECTION A-A  
SCALE: NONE

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SEE STRUCTURAL PLANS  
SN 016-1705  
STA 1818+45.67 TO STA 1838+23.67



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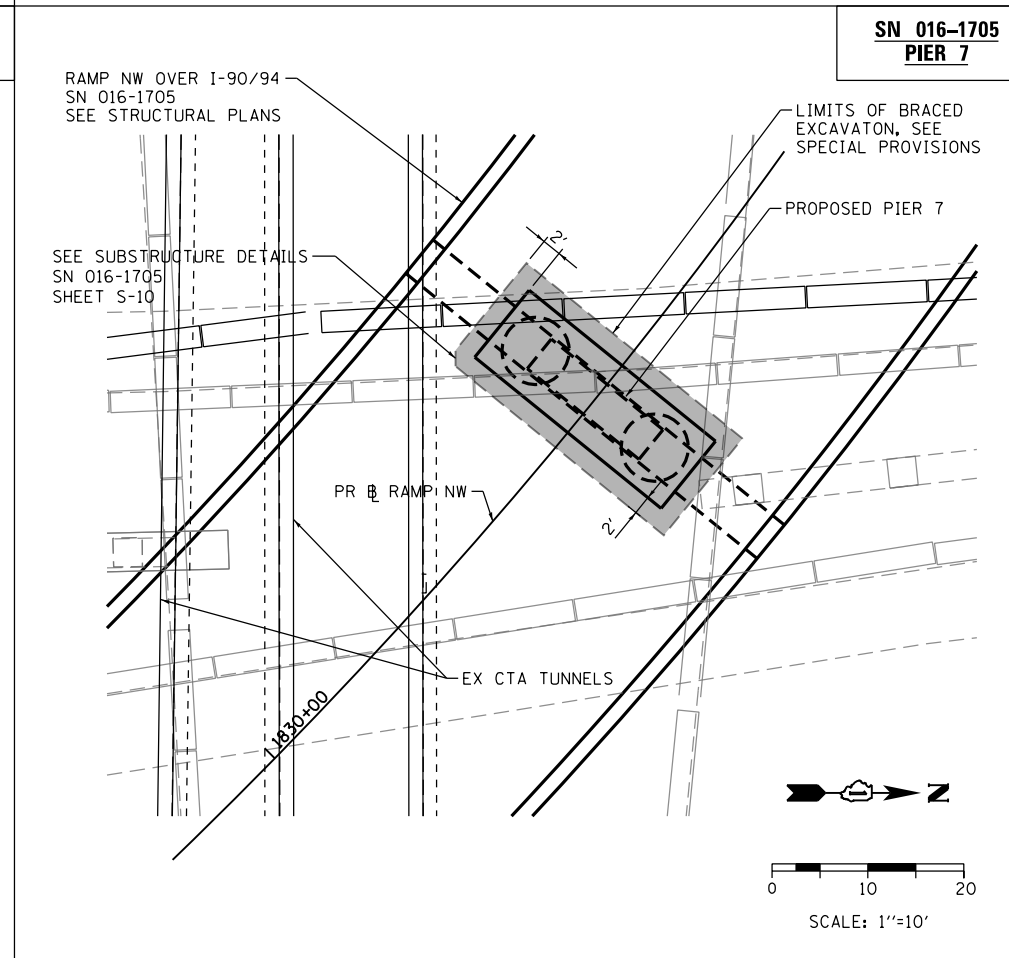
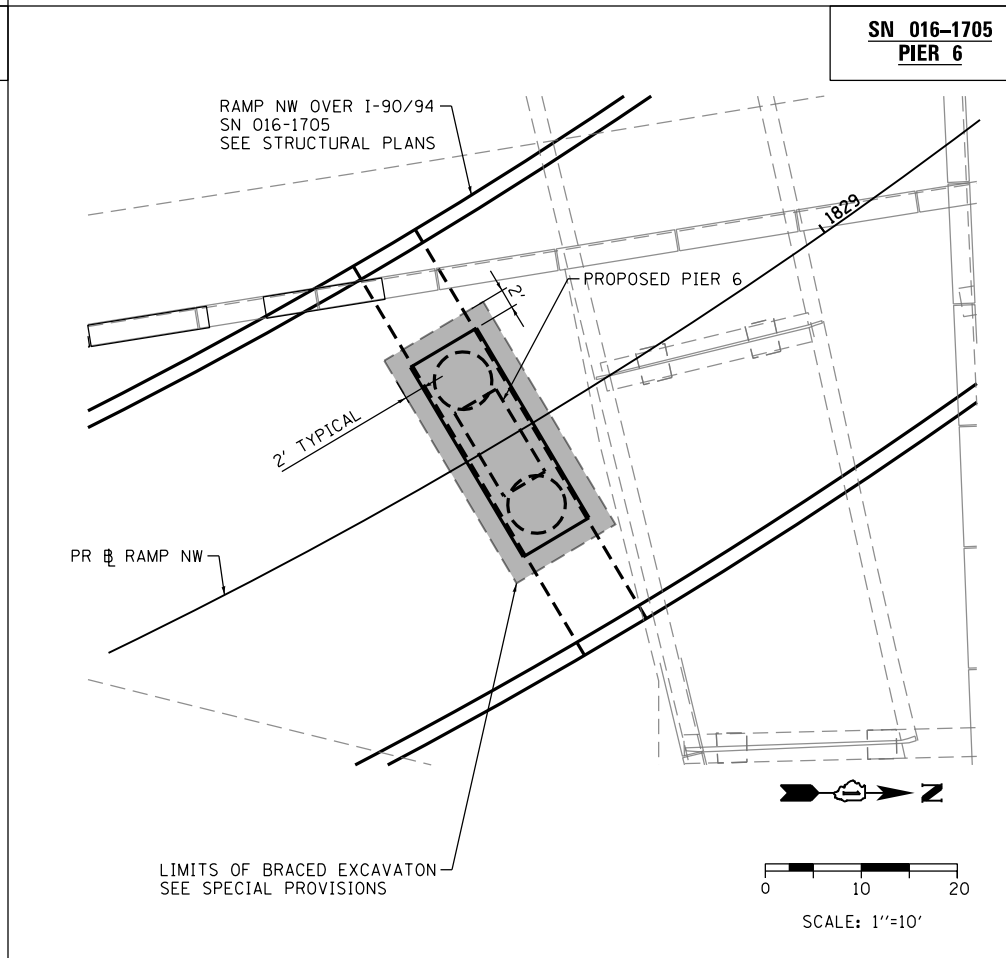
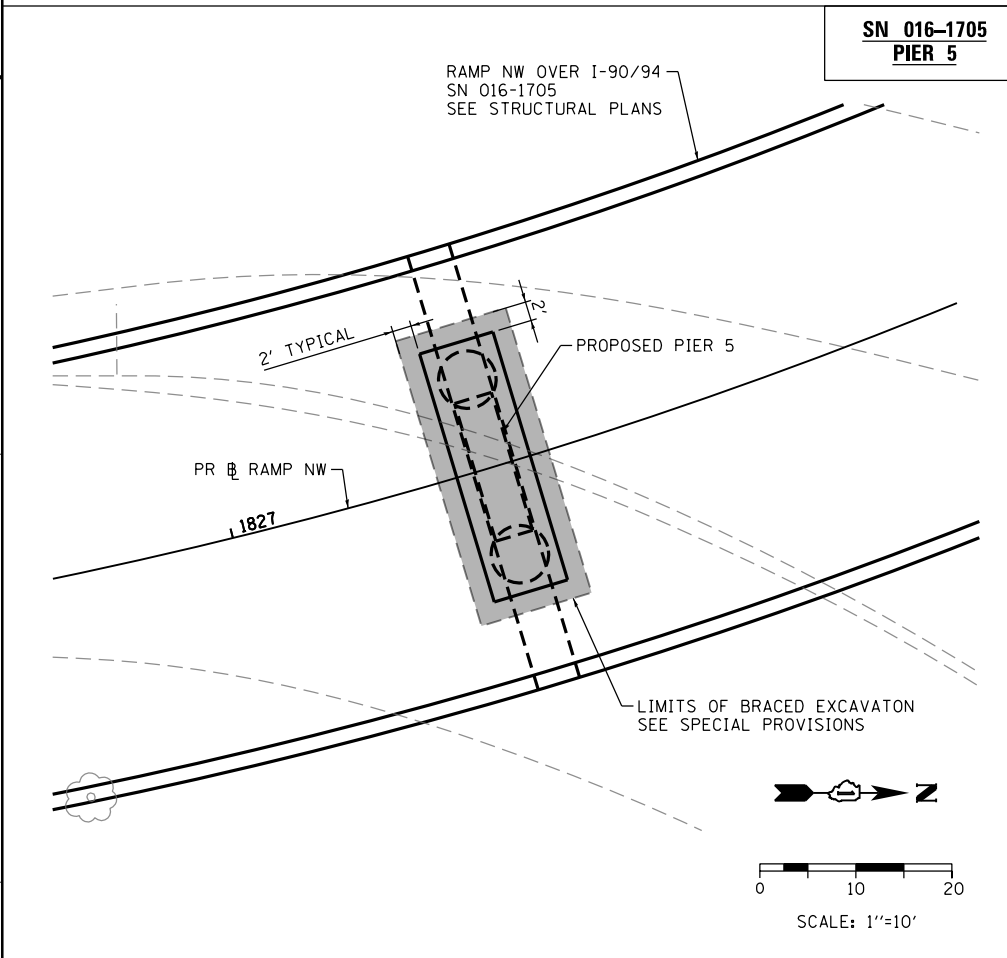
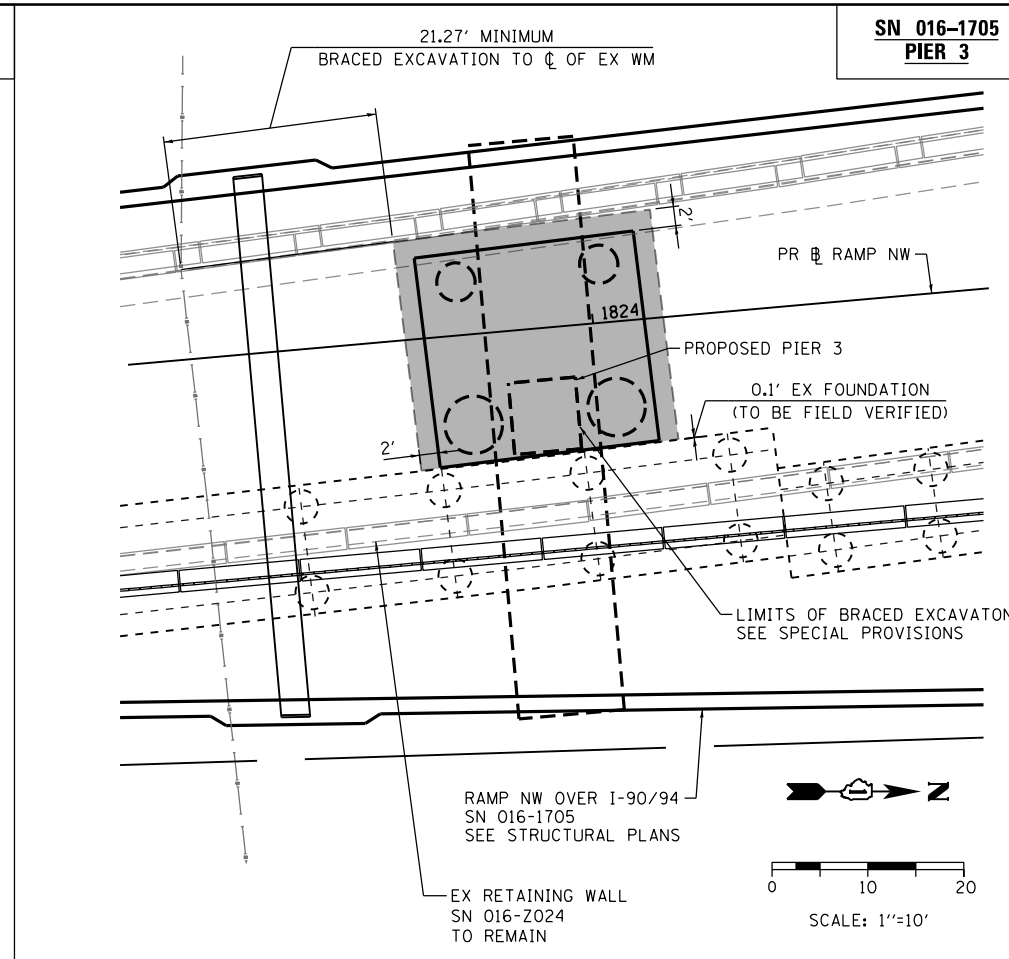
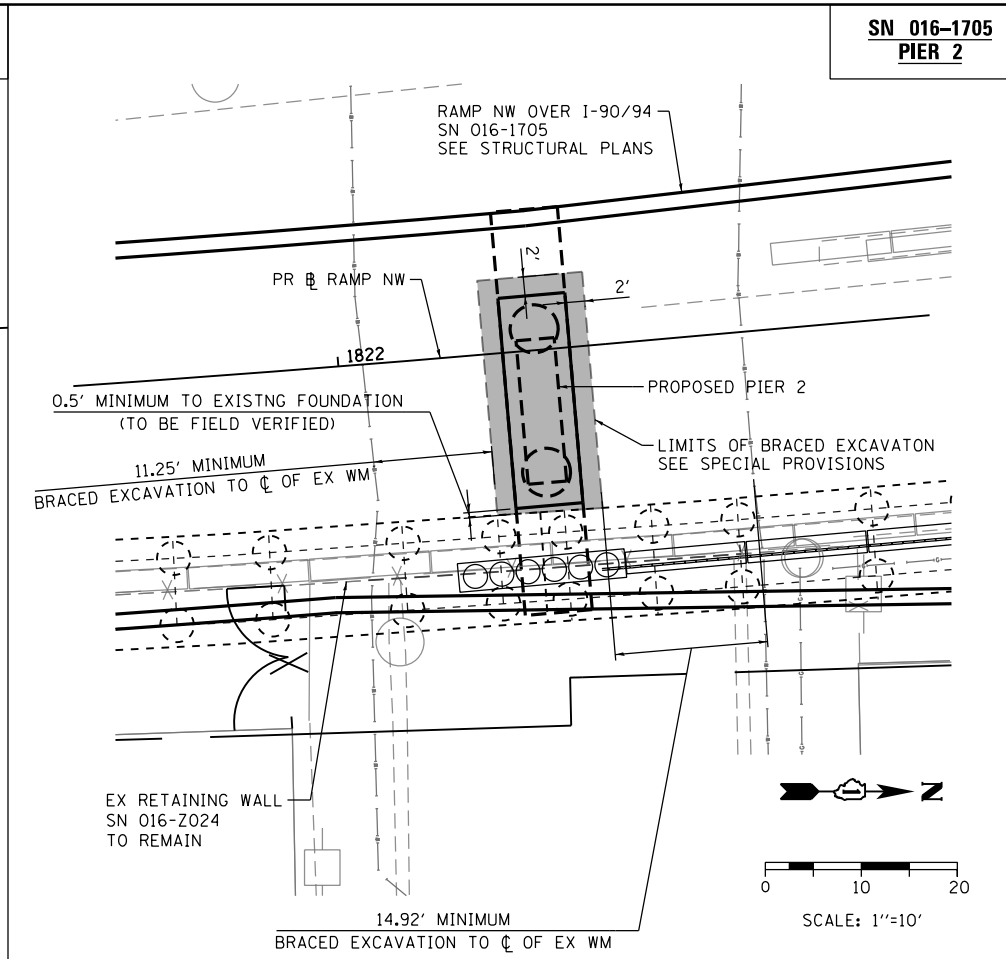
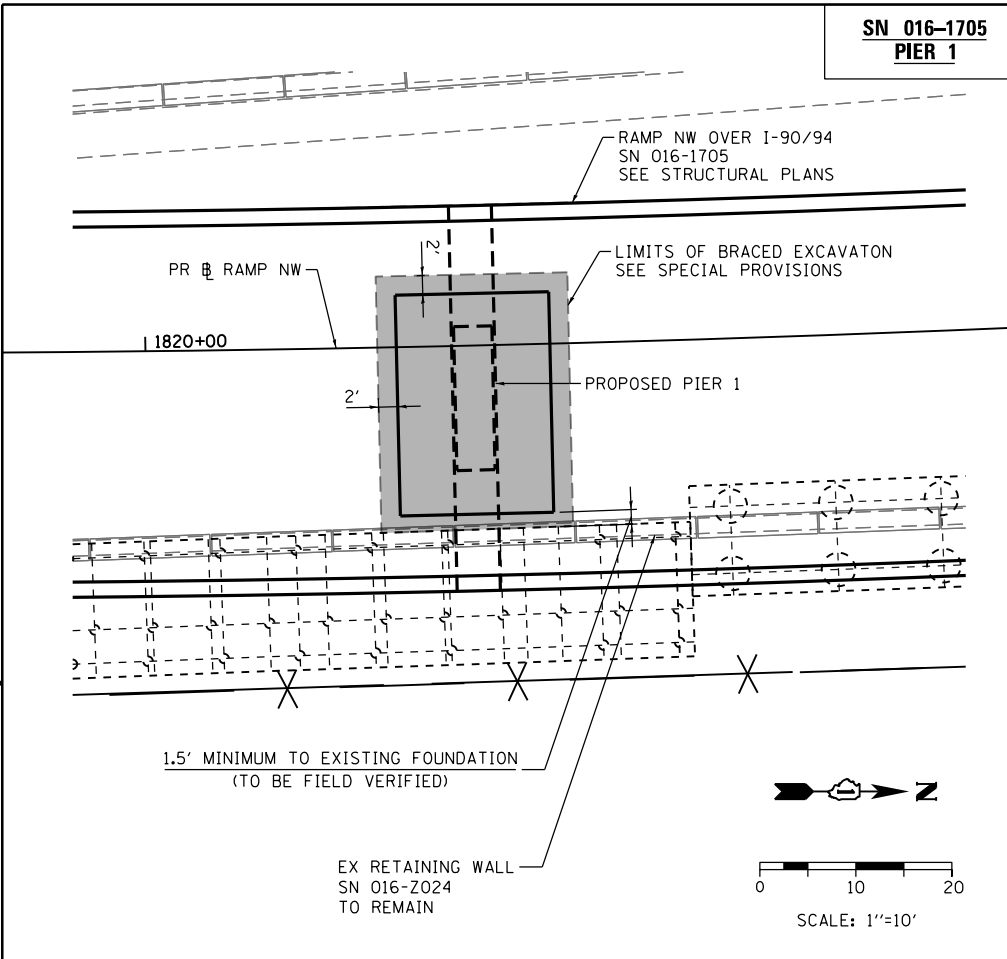
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

JOINTING AND PCC PAVEMENT DETAIL PLAN

SCALE: 1"=20' SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	85A
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				

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D160W28-sht-Braced-Ex-01.dgn  
USER NAME = pimsarno  
PLOT SCALE = 20.0000' / in.  
PLOT DATE = 4/26/2014

DESIGNED - ATB  
DRAWN - OPS  
CHECKED - DBM  
DATE - 04/28/14

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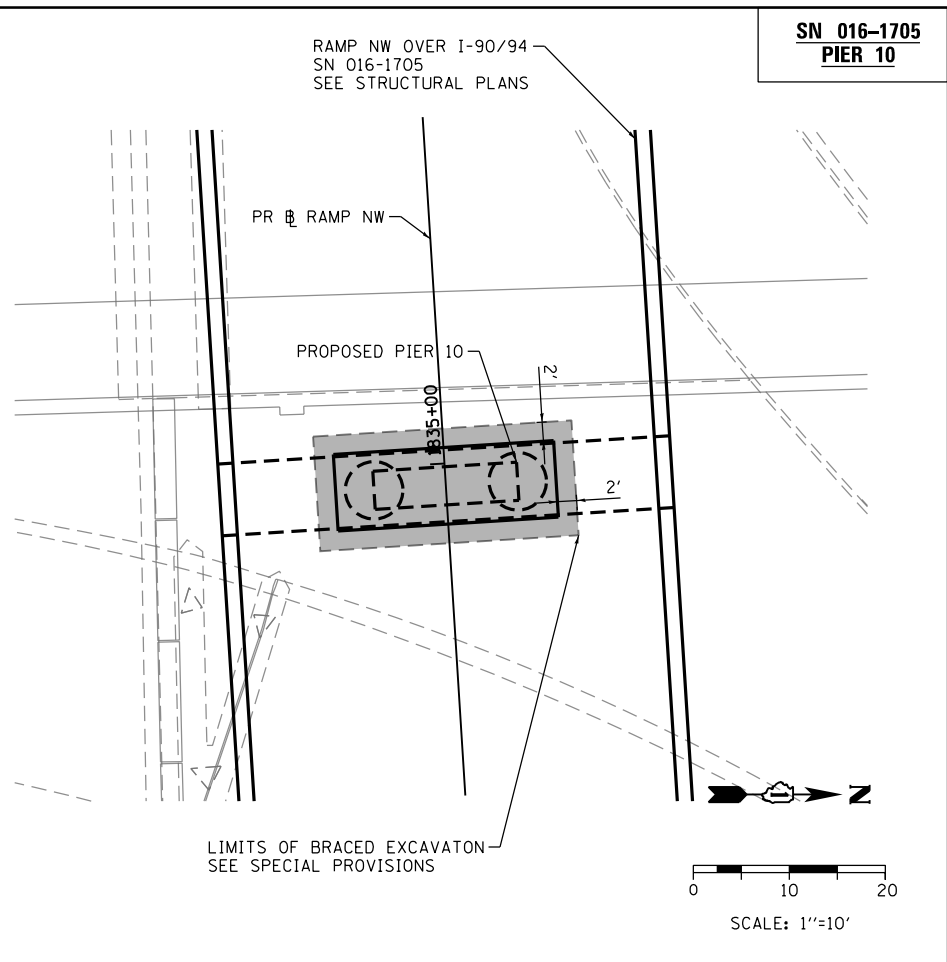
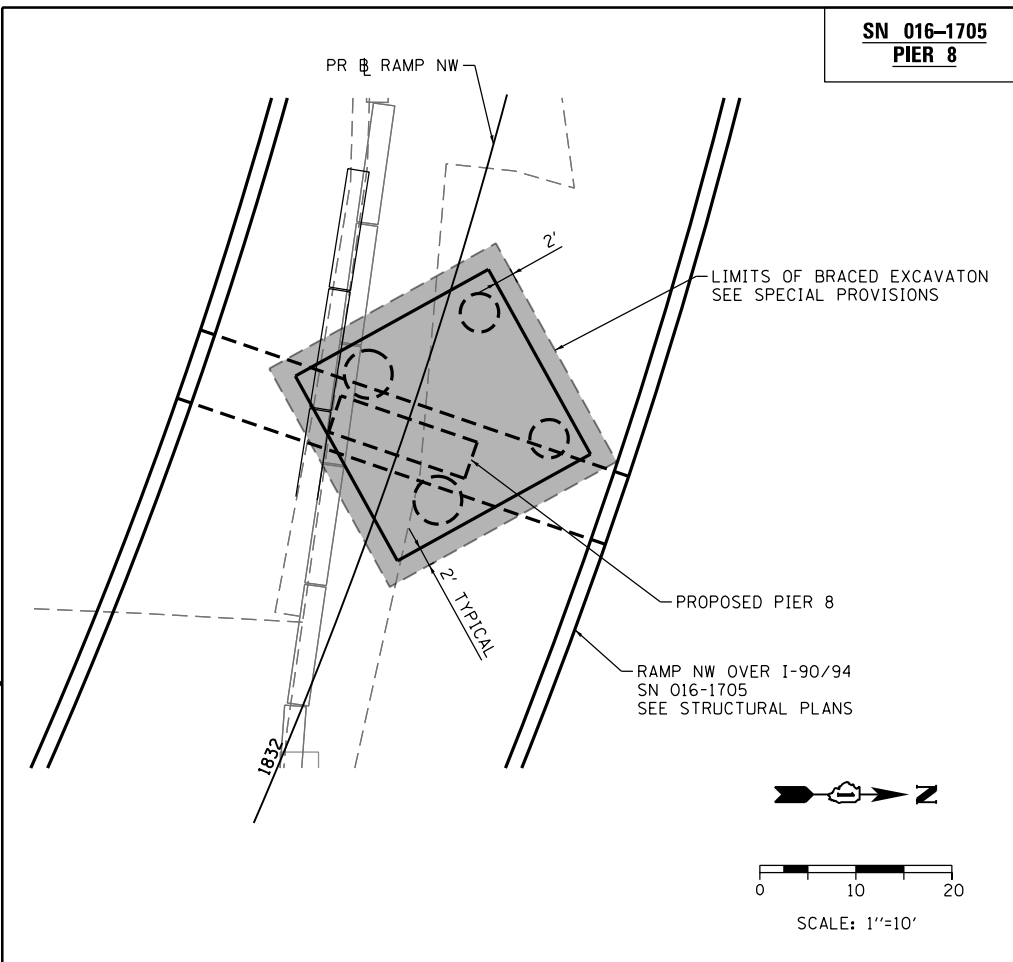
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BRACED EXCAVATION LIMIT PLAN**

SCALE: 1"=10' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	85B
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				

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PLOT DATE = 4/26/2014	DATE - 04/28/14	REVISED -

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CHECKED - DBM	REVISED -
DATE - 04/28/14	REVISED -

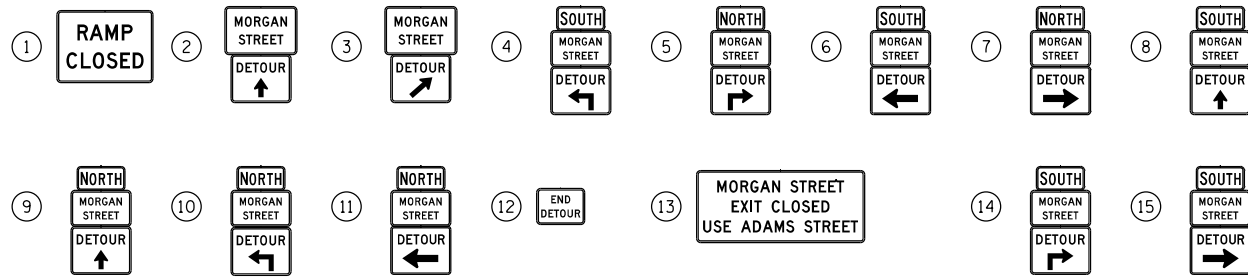
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BRACED EXCAVATION LIMIT PLAN**

SCALE: 1"=10' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	85C
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				

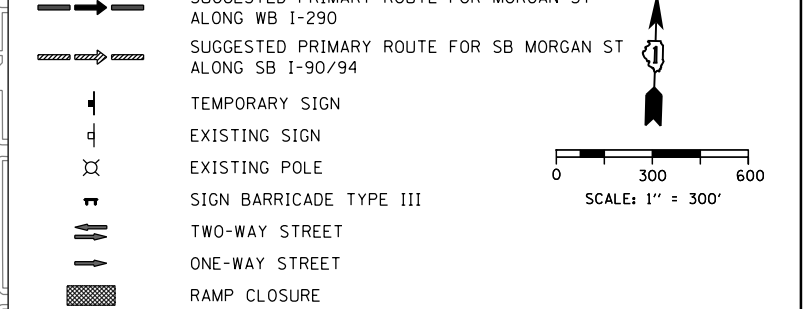
SIGN ASSEMBLIES



TRAFFIC CONTROL NOTES

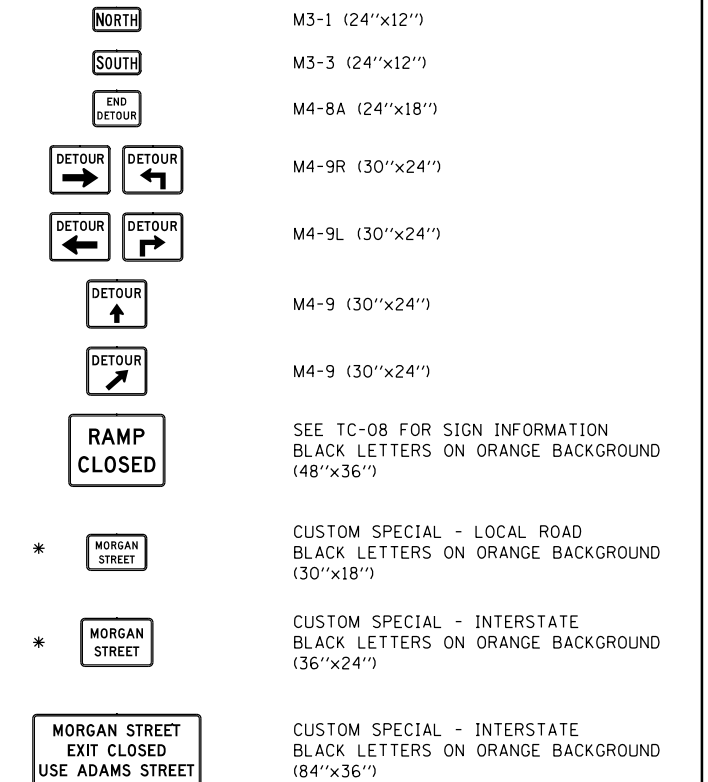
1. DETOUR SIGNING MUST BE INSTALLED PRIOR TO CLOSURE OF THE MORGAN STREET EXIT RAMP.
2. RAMP CLOSURE SHALL FOLLOW THE LATEST VERSION OF THE IDOT DISTRICT 1 STANDARD DETAIL TC-08. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION.
3. PLACEMENT AND SPACING OF SIGNS AND BARRICADES SHALL BE IN ACCORDANCE WITH IDOT DISTRICT 1 STANDARD DETAIL TC-08 AND TC-21.
4. ALL DETOUR SIGNS SHALL HAVE AN ORANGE BACKGROUND WITH BLACK LETTERS.
5. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
6. THE COST OF SUPPLYING, ERECTING AND MAINTAINING BARRICADES, WARNING LIGHTS AND STANDARD SIGNS ALONG ALL DETOUR ROUTES SHALL BE INCLUDED IN THE CONTRACT COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).

LEGEND

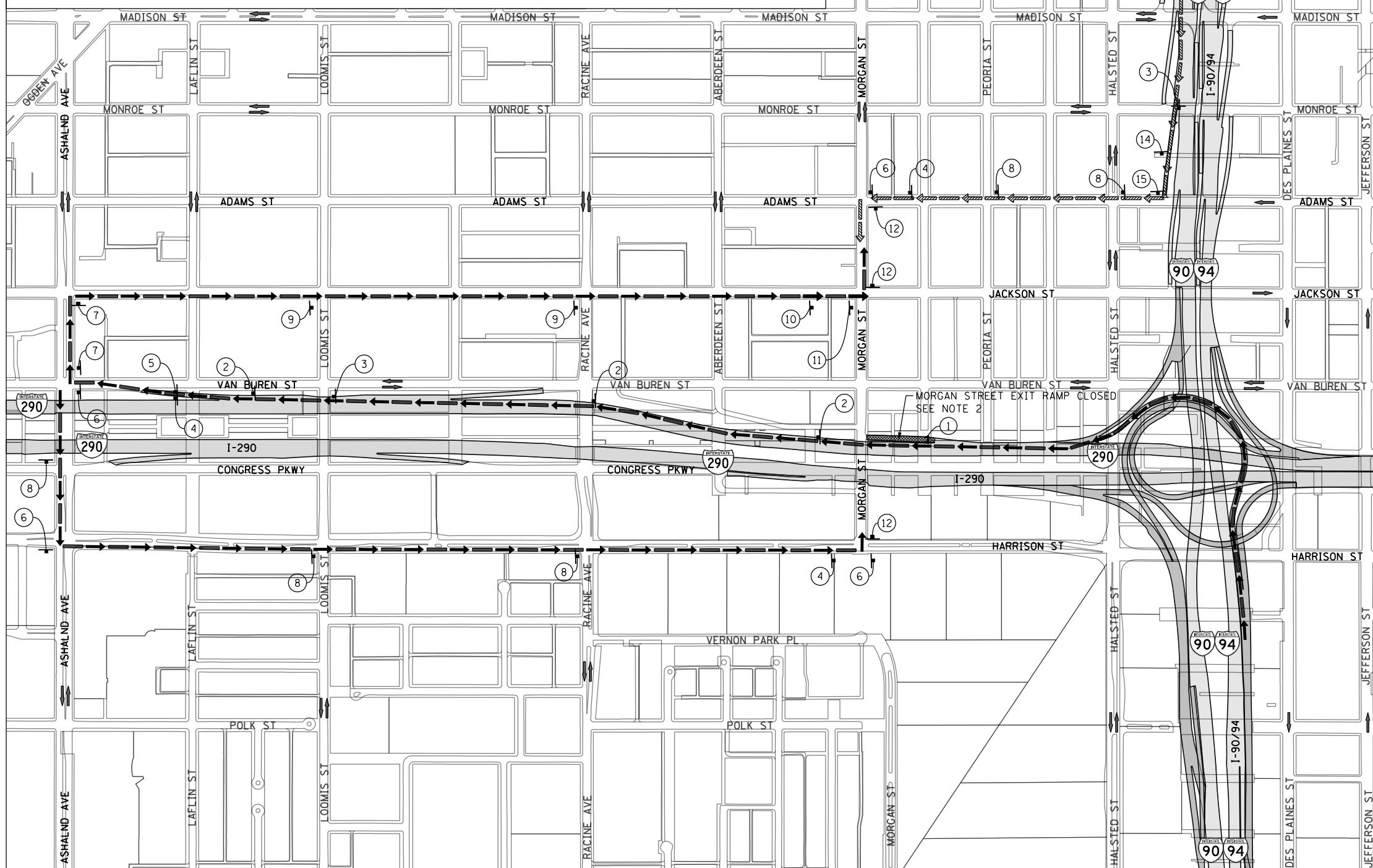


DETOUR SIGNS TYPE & SIZE

(ALL SIGN COLORS SHALL BE ACCORDING TO THE LATEST EDITION OF THE MUTCD)



\* TO BE PAID FOR AS TEMPORARY INFORMATION SIGNING



D160W28-sht-Detour-01.dgn  
 USER NAME = chiue  
 PLOT SCALE = 600.0000' / in.  
 PLOT DATE = 4/27/2014

DESIGNED - AFC  
 DRAWN - AFC  
 CHECKED - KCF  
 DATE - 4/28/2014

REVISED -  
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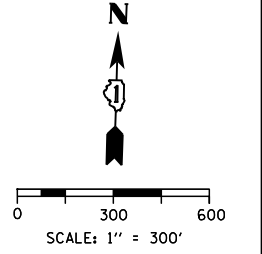
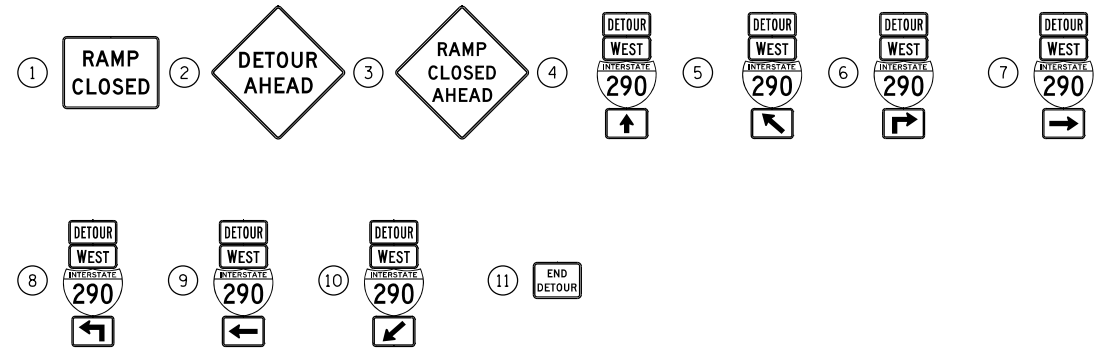
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

DETOUR PLAN  
 MORGAN STREET EXIT RAMP (ALL STAGES)  
 SCALE: 1" = 300' SHEET 1 OF 1 SHEETS STA. TO STA.

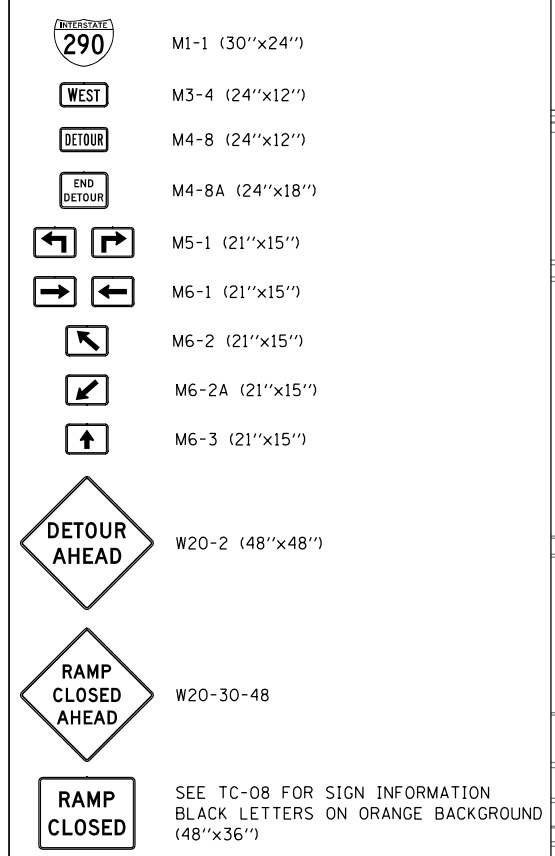
F.A.I. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	86
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				

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SIGN ASSEMBLIES



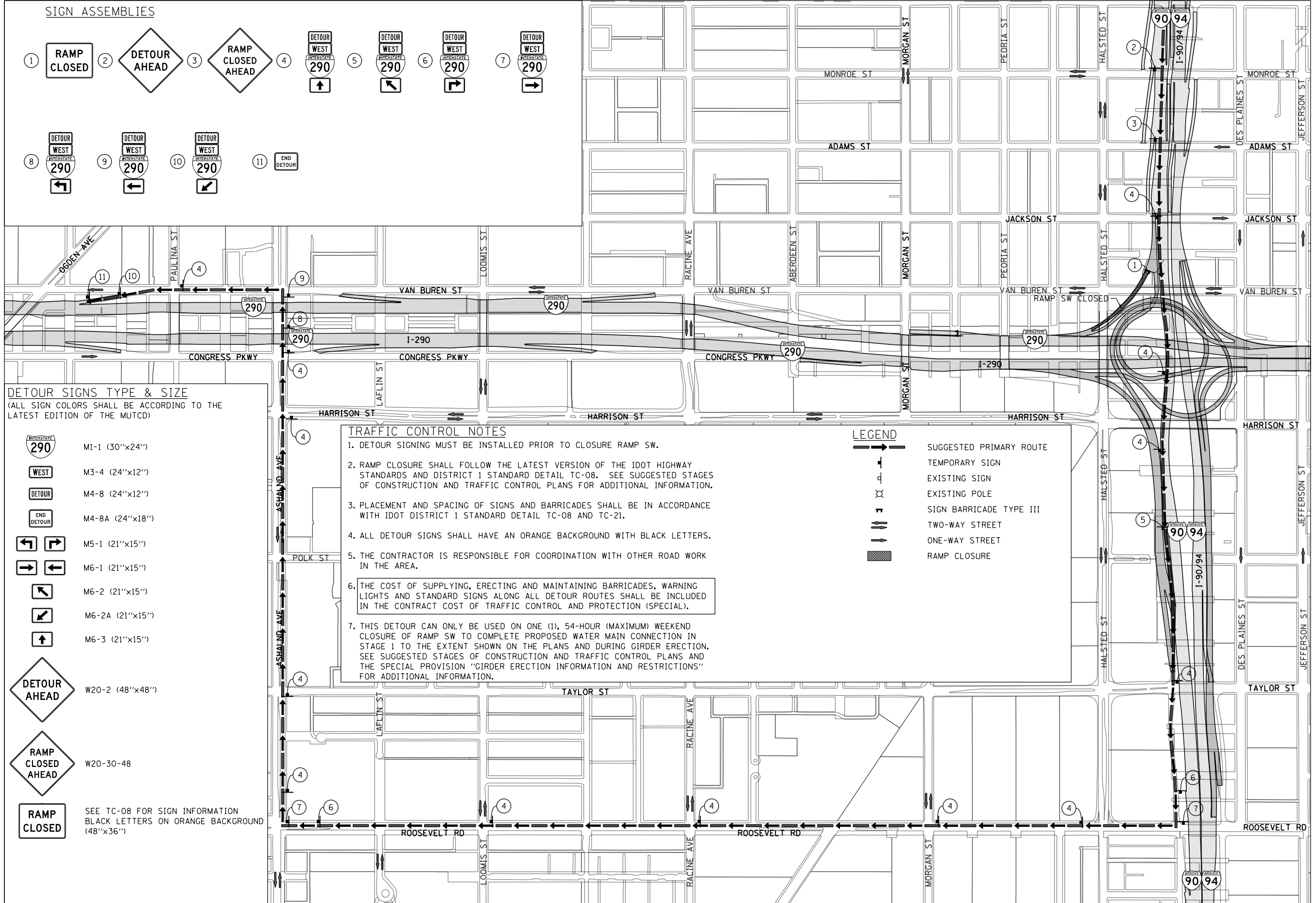
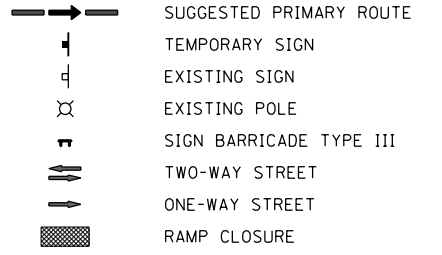
DETOUR SIGNS TYPE & SIZE  
(ALL SIGN COLORS SHALL BE ACCORDING TO THE LATEST EDITION OF THE MUTCD)



TRAFFIC CONTROL NOTES

- DETOUR SIGNING MUST BE INSTALLED PRIOR TO CLOSURE RAMP SW.
- RAMP CLOSURE SHALL FOLLOW THE LATEST VERSION OF THE IDOT HIGHWAY STANDARDS AND DISTRICT 1 STANDARD DETAIL TC-08. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION.
- PLACEMENT AND SPACING OF SIGNS AND BARRICADES SHALL BE IN ACCORDANCE WITH IDOT DISTRICT 1 STANDARD DETAIL TC-08 AND TC-21.
- ALL DETOUR SIGNS SHALL HAVE AN ORANGE BACKGROUND WITH BLACK LETTERS.
- THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
- THE COST OF SUPPLYING, ERECTING AND MAINTAINING BARRICADES, WARNING LIGHTS AND STANDARD SIGNS ALONG ALL DETOUR ROUTES SHALL BE INCLUDED IN THE CONTRACT COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
- THIS DETOUR CAN ONLY BE USED ON ONE (1), 54-HOUR (MAXIMUM) WEEKEND CLOSURE OF RAMP SW TO COMPLETE PROPOSED WATER MAIN CONNECTION IN STAGE 1 TO THE EXTENT SHOWN ON THE PLANS AND DURING GIRDER ERECTION. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS AND THE SPECIAL PROVISION "GIRDER ERECTION INFORMATION AND RESTRICTIONS" FOR ADDITIONAL INFORMATION.

LEGEND



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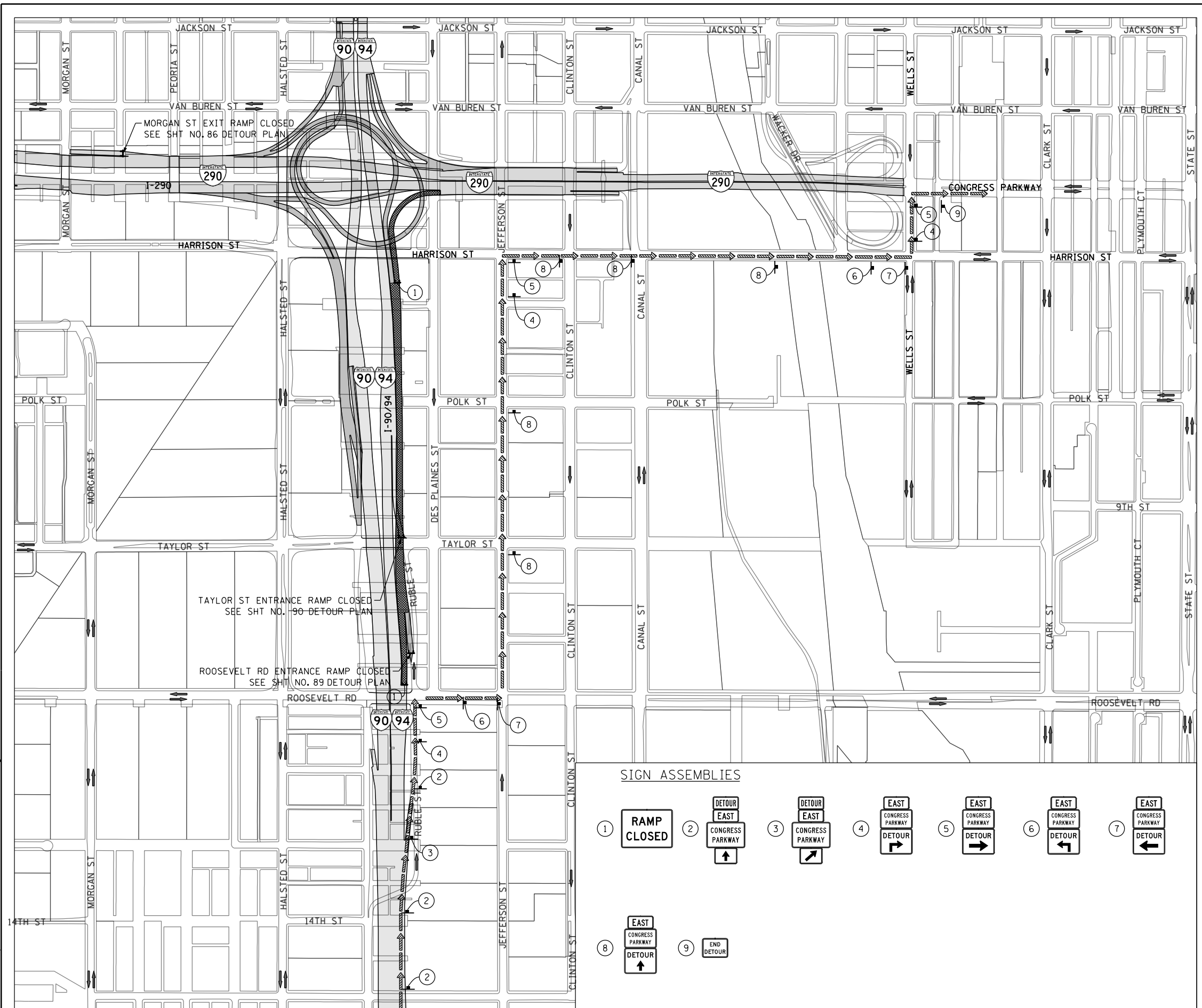


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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

<b>DETOUR PLAN</b>	
<b>RAMP SW (STAGE 1 AND GIRDER ERECTION)</b>	
SCALE: 1" = 300'	SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	87
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				

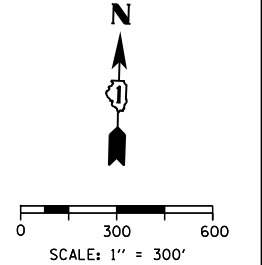


**TRAFFIC CONTROL NOTES**

1. DETOUR SIGNING MUST BE INSTALLED PRIOR TO CLOSURE OF RAMP NE EXIT TO CONGRESS PARKWAY.
2. RAMP CLOSURE SHALL FOLLOW THE LATEST VERSION OF THE IDOT DISTRICT 1 STANDARD DETAIL TC-08. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION.
3. PLACEMENT AND SPACING OF SIGNS AND BARRICADES SHALL BE IN ACCORDANCE WITH IDOT DISTRICT 1 STANDARD DETAIL TC-08 AND TC-21.
4. ALL DETOUR SIGNS SHALL HAVE AN ORANGE BACKGROUND WITH BLACK LETTERS.
5. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
6. THE COST OF SUPPLYING, ERECTING AND MAINTAINING BARRICADES, WARNING LIGHTS AND STANDARD SIGNS ALONG ALL DETOUR ROUTES SHALL BE INCLUDED IN THE CONTRACT COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
7. DETOUR SIGNING SHALL REMAIN IN PLACE AFTER THE COMPLETION OF THE CONTRACT. THE CONTRACTOR SHALL LEAVE DETOUR SIGNS IN PLACE AND OWNERSHIP AND MAINTENANCE OF DETOUR SIGNS SHALL BE TRANSFERRED TO THE DEPARTMENT.

**LEGEND**

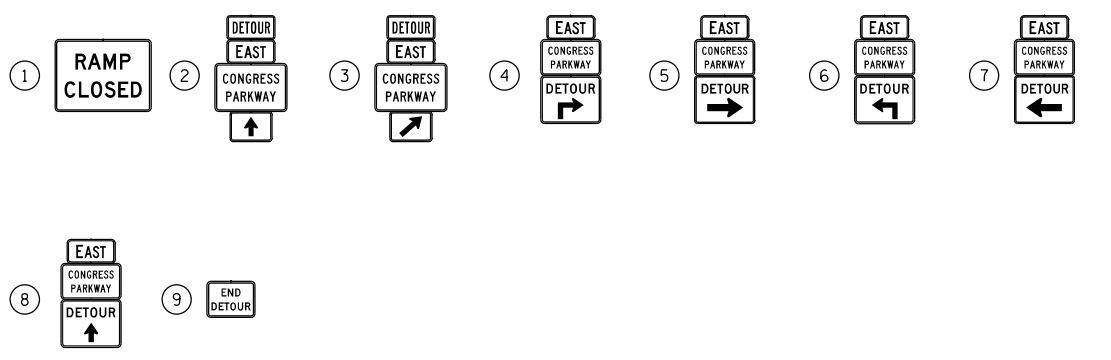
- SUGGESTED PRIMARY ROUTE
- TEMPORARY SIGN
- EXISTING SIGN
- EXISTING POLE
- SIGN BARRICADE TYPE III
- TWO-WAY STREET
- ONE-WAY STREET
- RAMP CLOSURE



**DETOUR SIGNS TYPE & SIZE**  
(ALL SIGN COLORS SHALL BE ACCORDING TO THE LATEST EDITION OF THE MUTCD)

- EAST M3-2 (24"x12")
  - DETOUR M4-8 (24"x12")
  - DETOUR M4-9R (30"x24")
  - DETOUR M4-9L (30"x24")
  - DETOUR M4-9 (30"x24")
  - DETOUR M6-2 (21"x15")
  - DETOUR M6-3 (21"x15")
  - END DETOUR M4-8A (24"x18")
  - RAMP CLOSED SEE TC-08 FOR SIGN INFORMATION BLACK LETTERS ON ORANGE BACKGROUND (48"x36")
  - \* CONGRESS PARKWAY CUSTOM SPECIAL - LOCAL ROAD BLACK LETTERS ON ORANGE BACKGROUND (30"x18")
  - \* CONGRESS PARKWAY CUSTOM SPECIAL - INTERSTATE BLACK LETTERS ON ORANGE BACKGROUND (36"x24")
- \* TO BE PAID FOR AS TEMPORARY INFORMATION SIGNING

**SIGN ASSEMBLIES**



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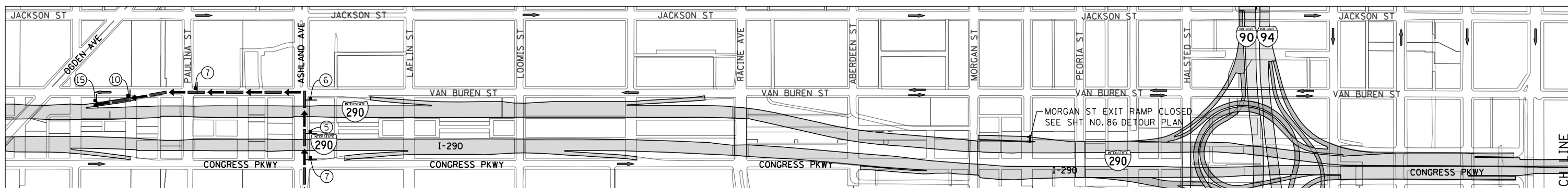
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DETOUR PLAN  
 RAMP NE (STAGES 2 TO 3C)**

SCALE: 1" = 300' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	88
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	





**DETOUR SIGNS TYPE & SIZE**  
 (ALL SIGN COLORS SHALL BE ACCORDING TO THE LATEST EDITION OF THE MUTCD)

- R5-1 (48"x48")
- M1-1 (30"x24")
- M3-2 (24"x12")
- M3-4 (24"x12")
- M4-8 (24"x12")
- M4-8A (24"x18")
- M4-9R (30"x24")
- M4-9L (30"x24")
- M4-9 (30"x24")
- M5-1 (21"x15")
- M6-1 (21"x15")
- M6-2A (21"x15")
- M6-3 (21"x15")

- W20-2 (48"x48")
- W20-30-48
- W20-1103-48

- SEE TC-08 FOR SIGN INFORMATION  
BLACK LETTERS ON ORANGE BACKGROUND (48"x36")
- CUSTOM SPECIAL - LOCAL ROAD  
BLACK LETTERS ON ORANGE BACKGROUND (30"x18")

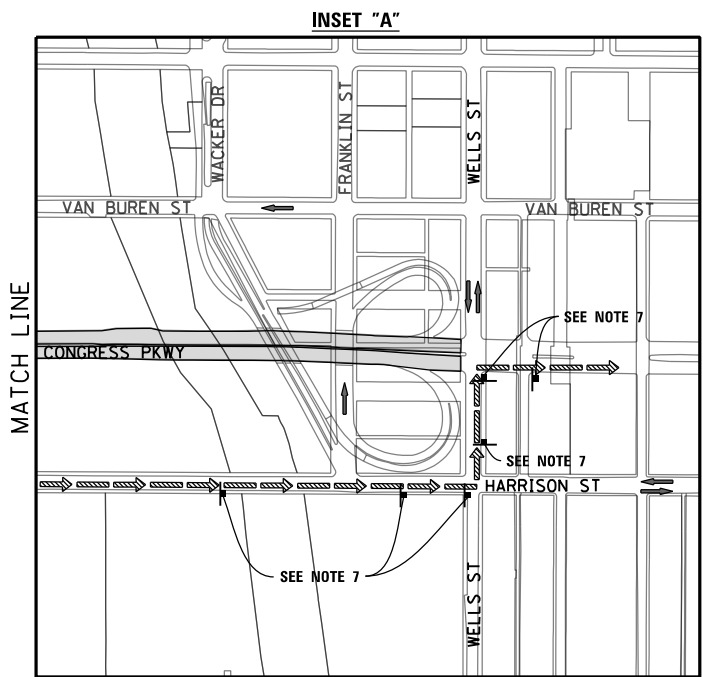
\* TO BE PAID FOR AS TEMPORARY INFORMATION SIGNING

**TRAFFIC CONTROL NOTES**

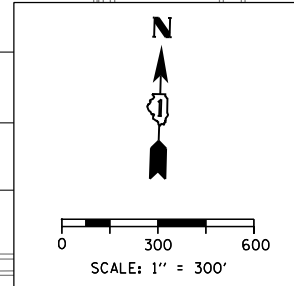
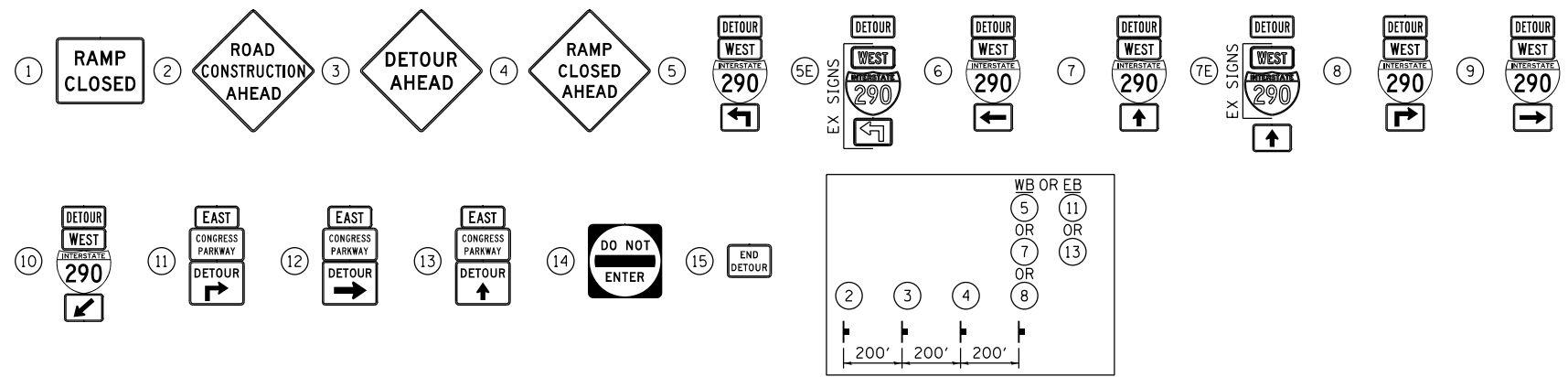
1. DETOUR SIGNING MUST BE INSTALLED PRIOR TO CLOSURE OF ROOSEVELT ROAD ENTRANCE RAMP.
2. RAMP CLOSURE SHALL FOLLOW THE LATEST VERSION OF THE IDOT DISTRICT 1 STANDARD DETAIL TC-08. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION.
3. PLACEMENT AND SPACING OF SIGNS AND BARRICADES SHALL BE IN ACCORDANCE WITH IDOT DISTRICT 1 STANDARD DETAIL TC-08 AND TC-21.
4. ALL DETOUR SIGNS SHALL HAVE AN ORANGE BACKGROUND WITH BLACK LETTERS.
5. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
6. THE COST OF SUPPLYING, ERECTING AND MAINTAINING BARRICADES, WARNING LIGHTS AND STANDARD SIGNS ALONG ALL DETOUR ROUTES SHALL BE INCLUDED IN THE CONTRACT COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
7. DETOUR SIGNING SHALL BE INSTALLED ACCORDING TO DETOUR PLAN - RAMP NE OF THE SUGGESTED PRIMARY ROUTE FOR EB CONGRESS PARKWAY. SEE SHEET NO. 88.

**LEGEND**

- SUGGESTED PRIMARY ROUTE FOR WB I-290
- SUGGESTED PRIMARY ROUTE FOR EB CONGRESS PARKWAY
- TEMPORARY SIGN
- EXISTING SIGN
- EXISTING POLE
- SIGN BARRICADE TYPE III
- TWO-WAY STREET
- ONE-WAY STREET
- RAMP CLOSURE



**SIGN ASSEMBLIES**



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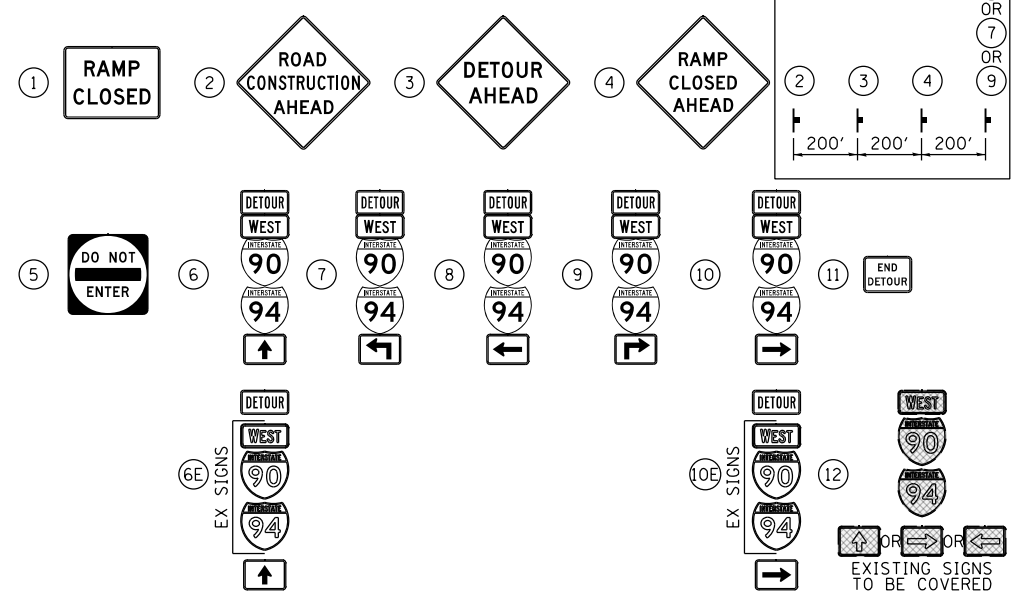
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DETOUR PLAN  
 ROOSEVELT ROAD ENTRANCE RAMP (STAGES 2 TO 3C)**

SCALE: 1" = 300' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	89
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	

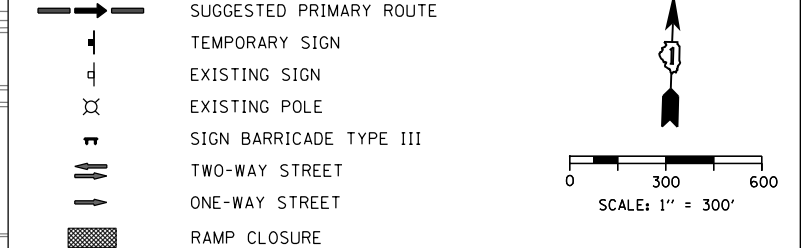
**SIGN ASSEMBLIES**



**TRAFFIC CONTROL NOTES**

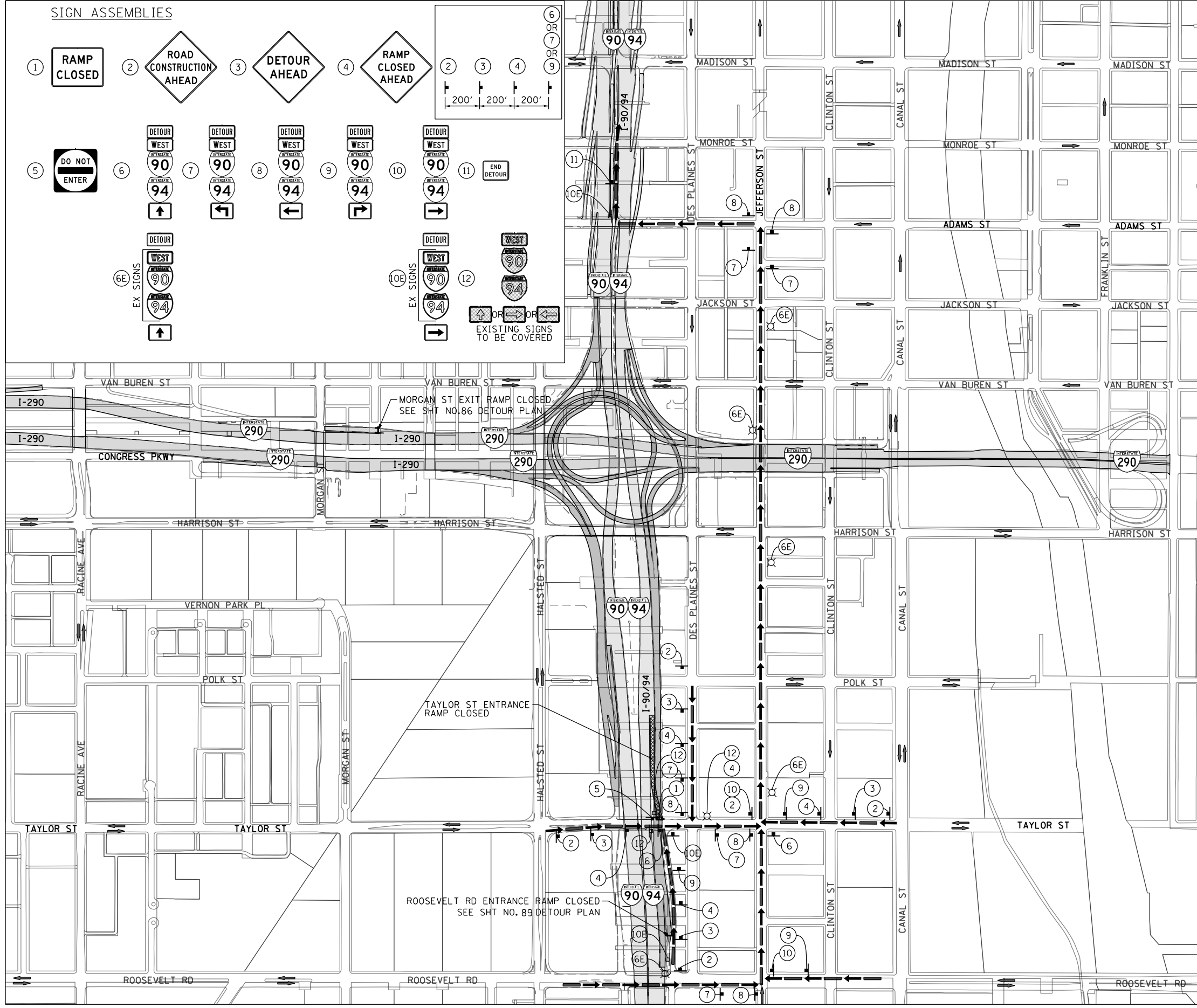
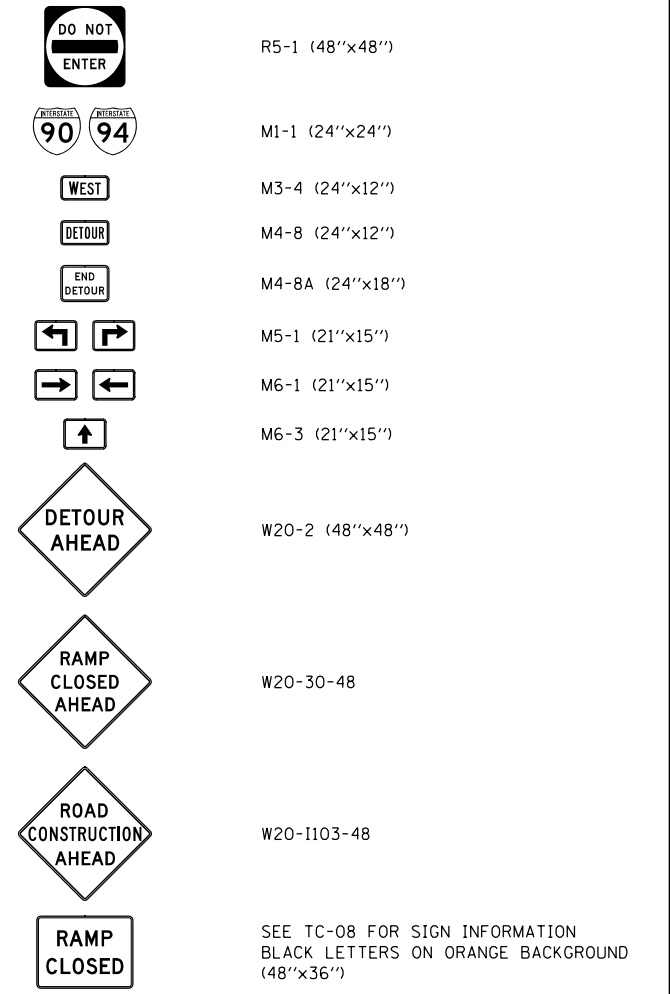
1. DETOUR SIGNING MUST BE INSTALLED PRIOR TO CLOSURE OF THE RAMP NW AND NE.
2. RAMP CLOSURE SHALL FOLLOW THE LATEST VERSION OF THE IDOT DISTRICT 1 STANDARD DETAIL TC-08. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION.
3. PLACEMENT AND SPACING OF SIGNS AND BARRICADES SHALL BE IN ACCORDANCE WITH IDOT DISTRICT 1 STANDARD DETAIL TC-08 AND TC-21.
4. ALL DETOUR SIGNS SHALL HAVE AN ORANGE BACKGROUND WITH BLACK LETTERS.
5. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
6. THE COST OF SUPPLYING, ERECTING AND MAINTAINING BARRICADES, WARNING LIGHTS AND STANDARD SIGNS ALONG ALL DETOUR ROUTES SHALL BE INCLUDED IN THE CONTRACT COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).

**LEGEND**



**DETOUR SIGNS TYPE & SIZE**

(ALL SIGN COLORS SHALL BE ACCORDING TO THE LATEST EDITION OF THE MUTCD)



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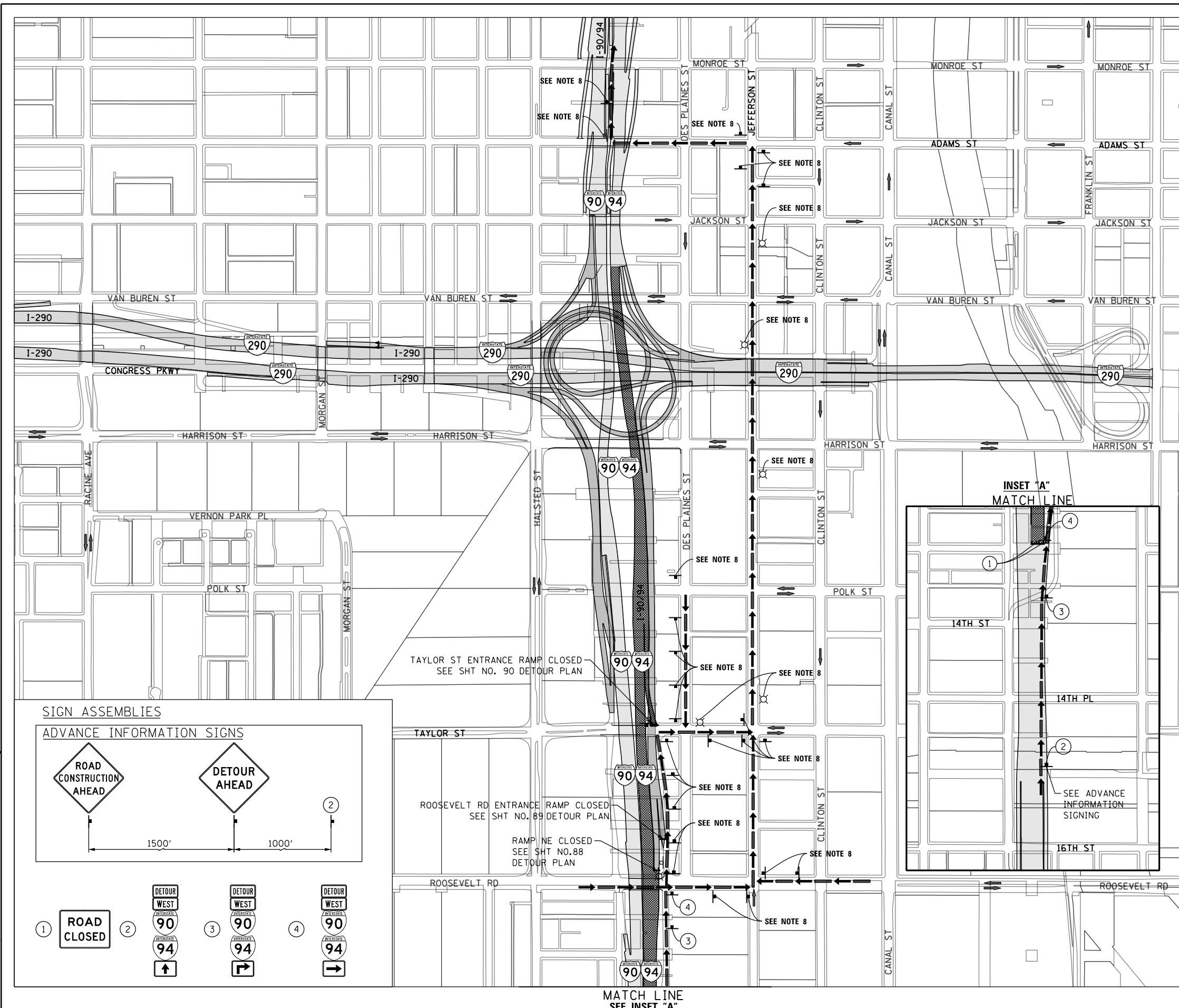
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

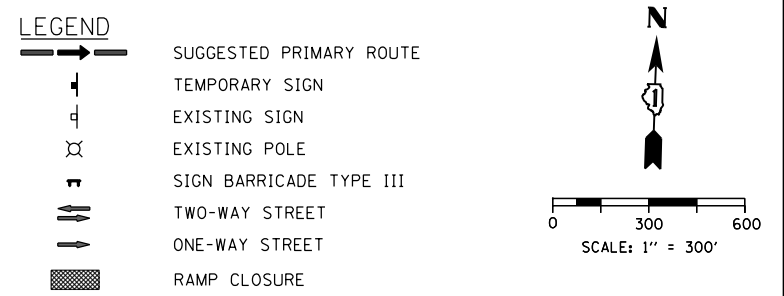
**DETOUR PLAN  
 TAYLOR STREET ENTRANCE RAMP (STAGES 2 TO 3C)**  
 SCALE: 1" = 300' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	90
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	



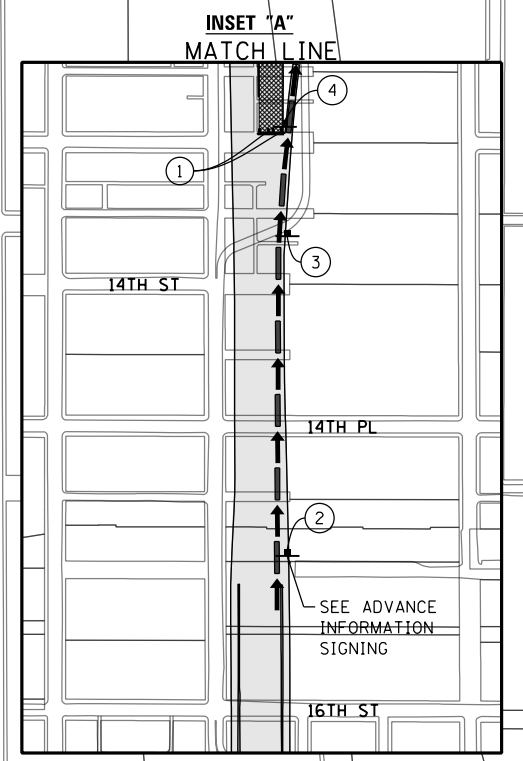
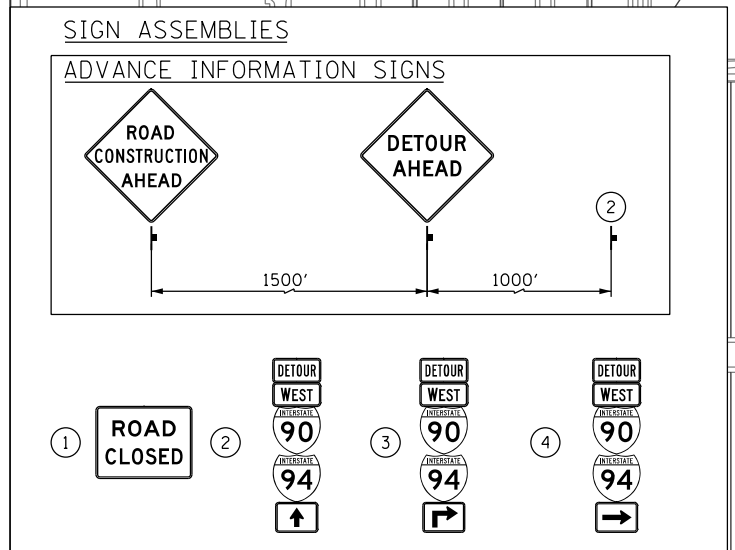


- ### TRAFFIC CONTROL NOTES
1. DETOUR SIGNING MUST BE INSTALLED PRIOR TO CLOSURE OF WB I-90/94 (NB).
  2. ROAD CLOSURE SHALL FOLLOW THE LATEST VERSION OF THE IDOT HIGHWAY STANDARDS AND DISTRICT 1 STANDARD DETAIL TC-08. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION.
  3. PLACEMENT AND SPACING OF SIGNS AND BARRICADES SHALL BE IN ACCORDANCE WITH IDOT DISTRICT 1 STANDARD DETAIL TC-08 AND TC-21.
  4. ALL DETOUR SIGNS SHALL HAVE AN ORANGE BACKGROUND WITH BLACK LETTERS.
  5. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
  6. THE COST OF SUPPLYING, ERECTING AND MAINTAINING BARRICADES, WARNING LIGHTS AND STANDARD SIGNS ALONG ALL DETOUR ROUTES SHALL BE INCLUDED IN THE CONTRACT COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
  7. THIS DETOUR CAN ONLY BE USED DURING GIRDER ERECTION. REFER TO SPECIAL PROVISION "GIRDER ERECTION INFORMATION AND RESTRICTIONS" FOR ADDITIONAL INFORMATION.
  8. DETOUR SIGNING SHALL BE INSTALLED ACCORDING TO DETOUR PLAN - TAYLOR STREET ENTRANCE RAMP OF THE SUGGESTED PRIMARY ROUTE FOR WB I-90/94 (NB). SEE SHEET NO. 90 .



**DETOUR SIGNS TYPE & SIZE**  
 (ALL SIGN COLORS SHALL BE ACCORDING TO THE LATEST EDITION OF THE MUTCD)

- M1-1 (24"x24")
- M3-4 (24"x12")
- M4-8 (24"x12")
- M5-1 (21"x15")
- M6-1 (21"x15")
- M6-3 (21"x15")
- W20-2 (48"x48")
- W20-1103-48
- R11-2  
SEE TC-21 FOR SIGN INFORMATION (48"x30")



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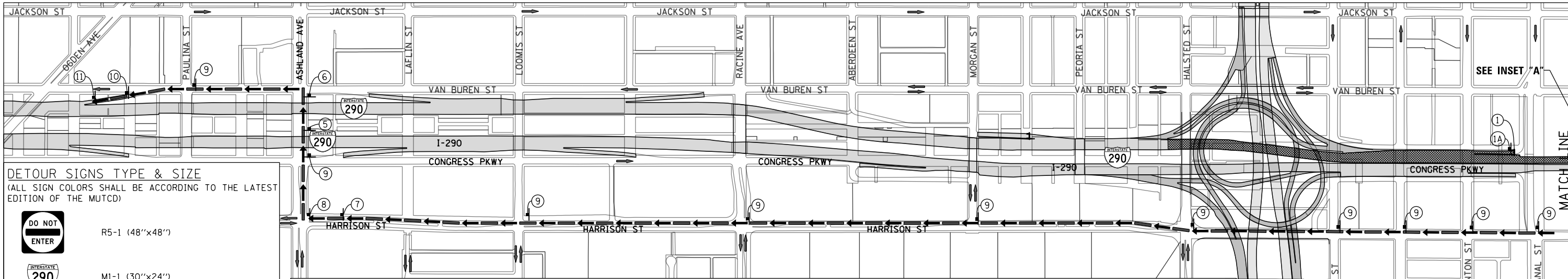
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**














**DETOUR PLAN**  
**WB I-90/94 (NB) (GIRDER ERECTION)**

SCALE: 1" = 300'    SHEET 1 OF 1 SHEETS    STA.    TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	90B
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				

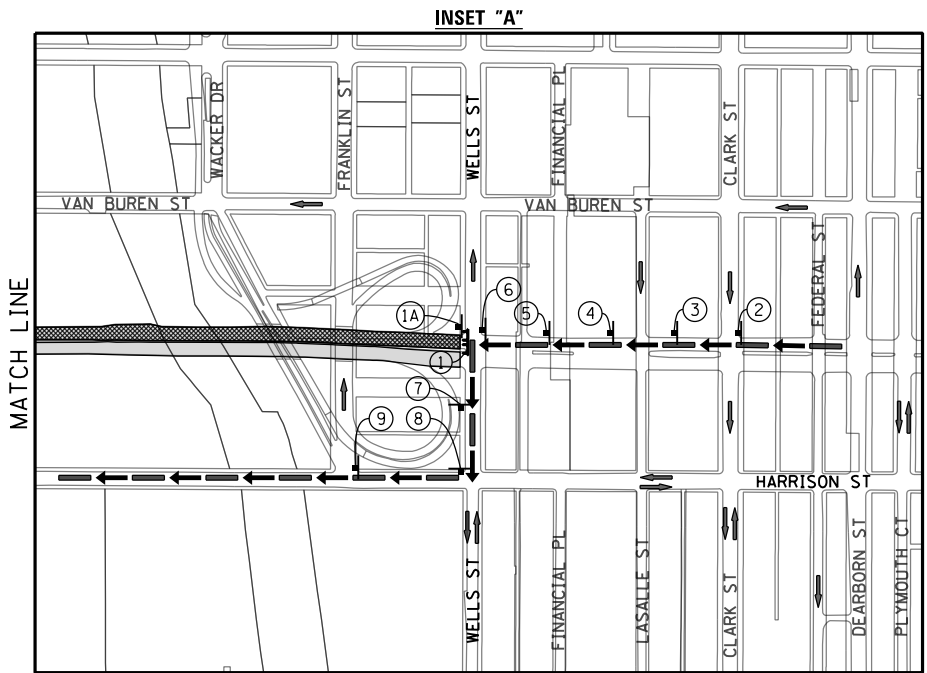


**DETOUR SIGNS TYPE & SIZE**  
 (ALL SIGN COLORS SHALL BE ACCORDING TO THE LATEST EDITION OF THE MUTCD)

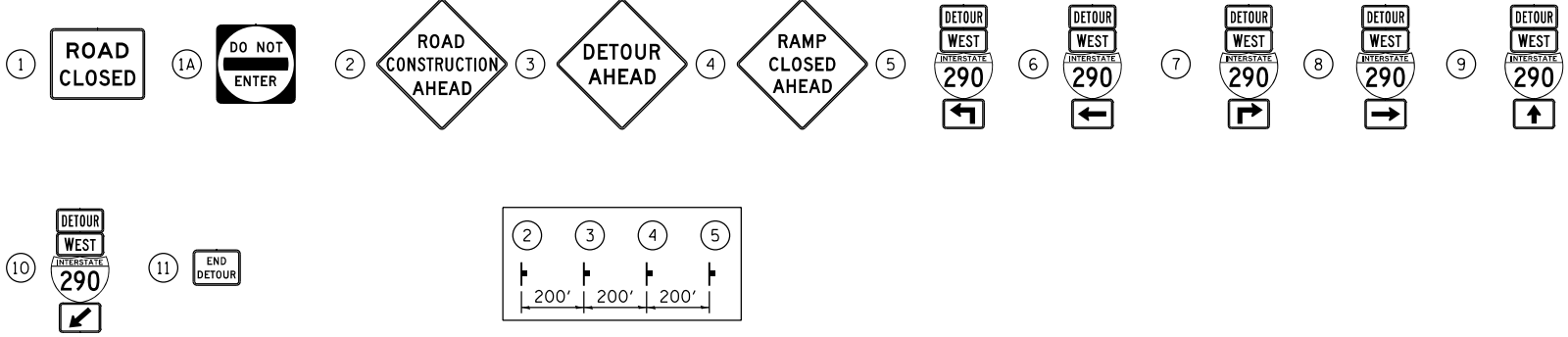
-  R5-1 (48"x48")
-  M1-1 (30"x24")
-  M3-4 (24"x12")
-  M4-8 (24"x12")
-  M4-8A (24"x18")
-  M5-1 (21"x15")
-  M6-1 (21"x15")
-  M6-2A (21"x15")
-  M6-3 (21"x15")
-  W20-2 (48"x48")
-  W20-30-48
-  W20-1103-48
-  R11-2  
SEE TC-21 FOR SIGN INFORMATION (48"x30")

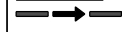

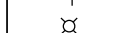



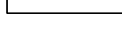

**TRAFFIC CONTROL NOTES**

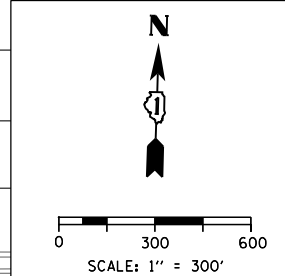
1. DETOUR SIGNING MUST BE INSTALLED PRIOR TO CLOSURE OF WB I-290.
2. ROAD CLOSURE SHALL FOLLOW THE LATEST VERSION OF THE IDOT HIGHWAY STANDARDS AND DISTRICT 1 STANDARD DETAIL TC-08. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION.
3. PLACEMENT AND SPACING OF SIGNS AND BARRICADES SHALL BE IN ACCORDANCE WITH IDOT DISTRICT 1 STANDARD DETAIL TC-08 AND TC-21.
4. ALL DETOUR SIGNS SHALL HAVE AN ORANGE BACKGROUND WITH BLACK LETTERS.
5. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
6. THE COST OF SUPPLYING, ERECTING AND MAINTAINING BARRICADES, WARNING LIGHTS AND STANDARD SIGNS ALONG ALL DETOUR ROUTES SHALL BE INCLUDED IN THE CONTRACT COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
7. THIS DETOUR CAN ONLY BE USED DURING GIRDER ERECTION. REFER TO THE SPECIAL PROVISION "GIRDER ERECTION INFORMATION AND RESTRICTIONS" FOR ADDITIONAL INFORMATION.



**SIGN ASSEMBLIES**



- LEGEND**
-  SUGGESTED PRIMARY ROUTE FOR WB I-290
  -  TEMPORARY SIGN
  -  EXISTING SIGN
  -  EXISTING POLE
  -  SIGN BARRICADE TYPE III
  -  TWO-WAY STREET
  -  ONE-WAY STREET
  -  RAMP CLOSURE



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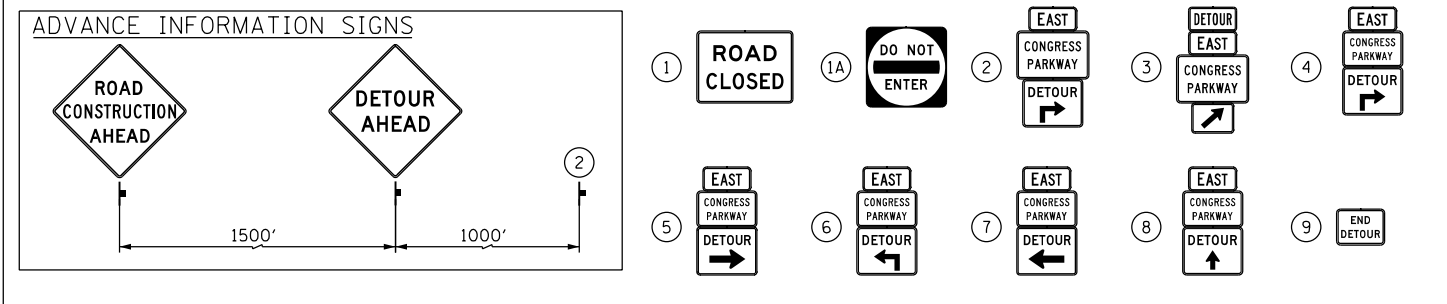
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>DETOUR PLAN</b>	
<b>WB I-290 (GIRDER ERECTION)</b>	
SCALE: 1" = 300'	SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-010R	COUNTY COOK	TOTAL SHEETS 747	SHEET NO. 90C
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				

**SIGN ASSEMBLIES**

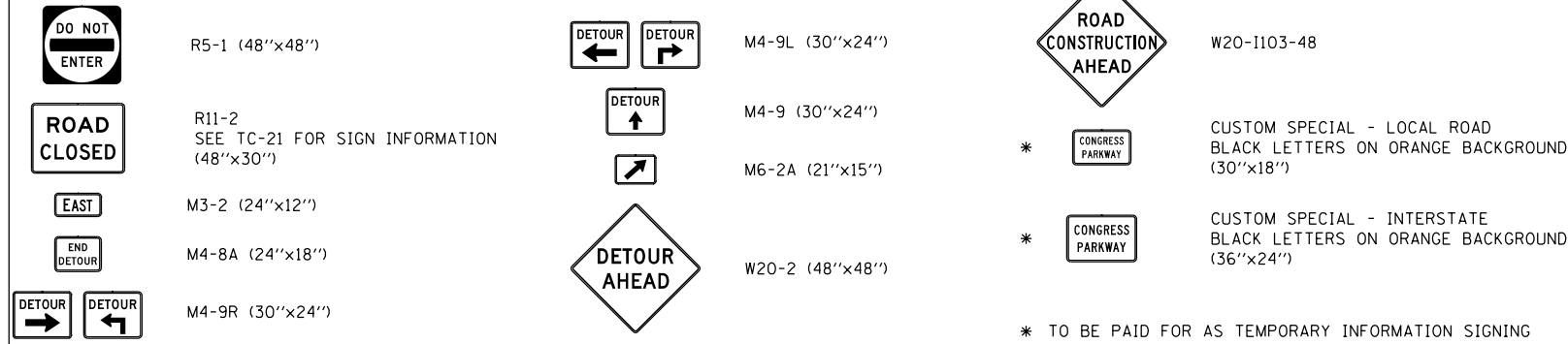


**TRAFFIC CONTROL NOTES**

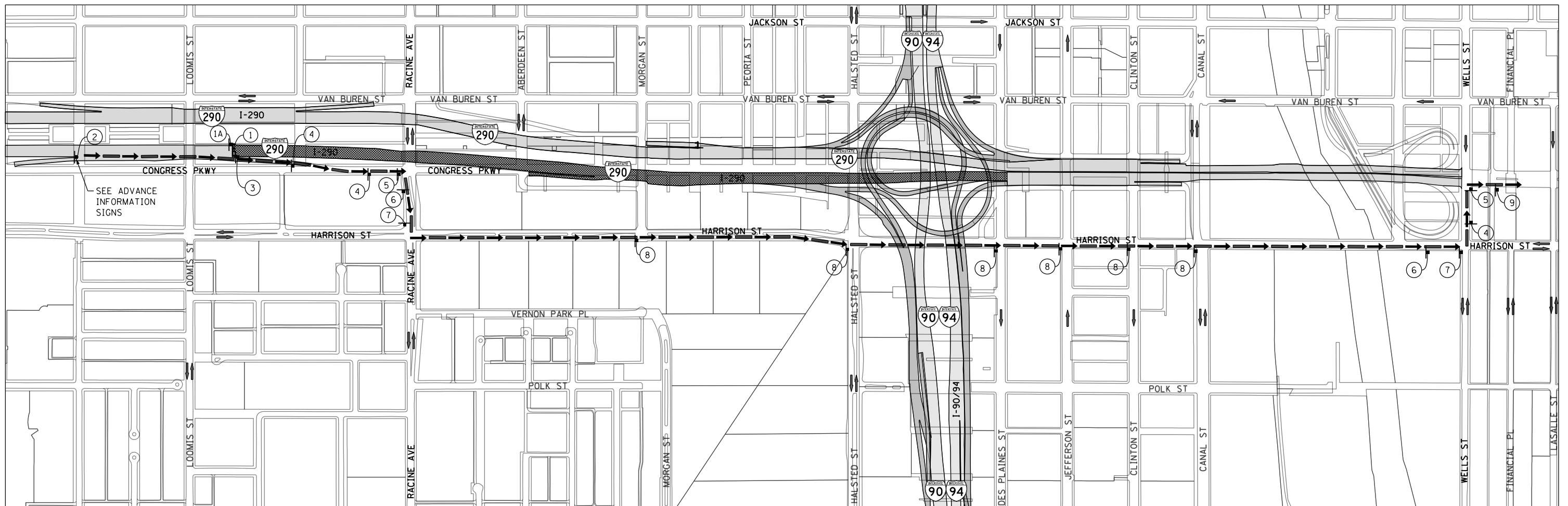
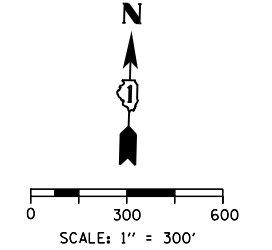
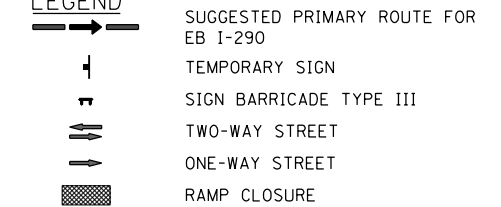
1. DETOUR SIGNING MUST BE INSTALLED PRIOR TO THE CLOSURE OF EB I-290.
2. ROAD CLOSURE SHALL FOLLOW THE LATEST VERSION OF THE IDOT HIGHWAY STANDARDS AND DISTRICT 1 STANDARD DETAIL TC-08. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION.
3. PLACEMENT AND SPACING OF SIGNS AND BARRICADES SHALL BE IN ACCORDANCE WITH IDOT DISTRICT 1 STANDARD DETAIL TC-08 AND TC-21.
4. ALL DETOUR SIGNS SHALL HAVE AN ORANGE BACKGROUND WITH BLACK LETTERS.
5. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
6. THE COST OF SUPPLYING, ERECTING AND MAINTAINING BARRICADES, WARNING LIGHTS AND STANDARD SIGNS ALONG ALL DETOUR ROUTES SHALL BE INCLUDED IN THE CONTRACT COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
7. THIS DETOUR CAN ONLY BE USED DURING GIRDER ERECTION. REFER TO SPECIAL PROVISION "GIRDER ERECTION INFORMATION AND RESTRICTIONS" FOR ADDITIONAL INFORMATION.

**DETOUR SIGNS TYPE & SIZE**

(ALL SIGN COLORS SHALL BE ACCORDING TO THE LATEST EDITION OF THE MUTCD)



**LEGEND**



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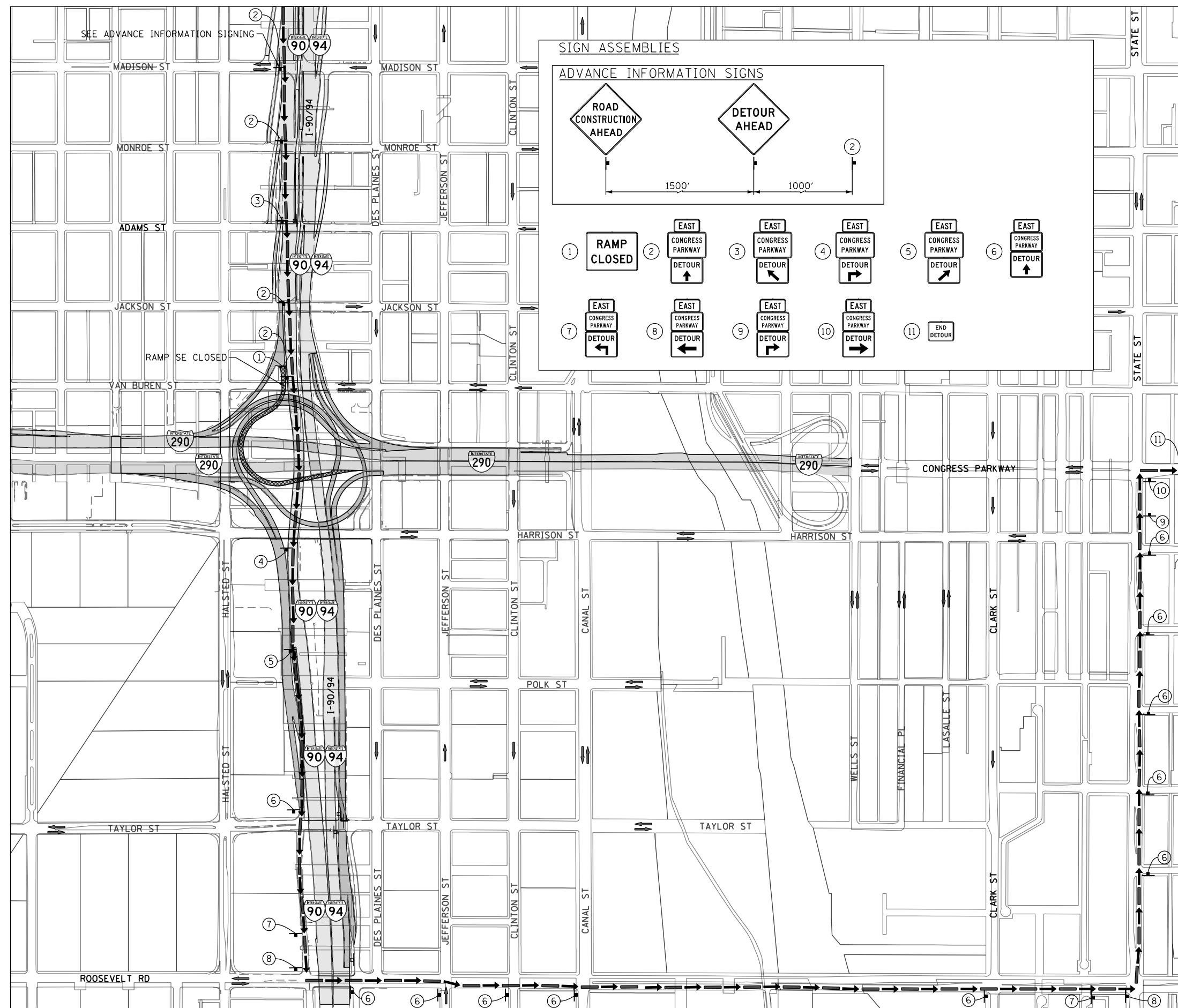
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETOUR PLAN  
EB I-290 (GIRDER ERECTION)**

SCALE: 1" = 300'    SHEET 1 OF 1 SHEETS    STA.    TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	90D
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				



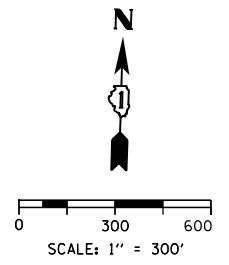


**TRAFFIC CONTROL NOTES**

1. DETOUR SIGNING MUST BE INSTALLED PRIOR TO CLOSURE OF THE RAMP SE.
2. RAMP CLOSURE SHALL FOLLOW THE LATEST VERSION OF THE IDOT HIGHWAY STANDARDS AND DISTRICT 1 STANDARD DETAIL TC-08. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION.
3. PLACEMENT AND SPACING OF SIGNS AND BARRICADES SHALL BE IN ACCORDANCE WITH IDOT DISTRICT 1 STANDARD DETAIL TC-08 AND TC-21.
4. ALL DETOUR SIGNS SHALL HAVE AN ORANGE BACKGROUND WITH BLACK LETTERS.
5. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
6. THE COST OF SUPPLYING, ERECTING AND MAINTAINING BARRICADES, WARNING LIGHTS AND STANDARD SIGNS ALONG ALL DETOUR ROUTES SHALL BE INCLUDED IN THE CONTRACT COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
7. THIS DETOUR CAN ONLY BE USED DURING GIRDER ERECTION. REFER TO THE SPECIAL PROVISION "GIRDER ERECTION INFORMATION AND RESTRICTIONS" FOR ADDITIONAL INFORMATION.

**LEGEND**

- SUGGESTED PRIMARY ROUTE
- TEMPORARY SIGN
- EXISTING SIGN
- EXISTING POLE
- SIGN BARRICADE TYPE III
- TWO-WAY STREET
- ONE-WAY STREET
- RAMP CLOSURE



**DETOUR SIGNS TYPE & SIZE**

(ALL SIGN COLORS SHALL BE ACCORDING TO THE LATEST EDITION OF THE MUTCD)

- EAST M3-2 (24"x12")
  - END DETOUR M4-8A (24"x18")
  - DETOUR M4-9L (30"x24")
  - DETOUR M4-9R (30"x24")
  - DETOUR M4-9 (30"x24")
  - DETOUR M4-9 (30"x24")
  - DETOUR AHEAD W20-2 (48"x48")
  - ROAD CONSTRUCTION AHEAD W20-1103-48
  - RAMP CLOSED SEE TC-08 FOR SIGN INFORMATION  
BLACK LETTERS ON ORANGE BACKGROUND (48"x36")
  - \* CONGRESS PARKWAY CUSTOM SPECIAL - LOCAL ROAD  
BLACK LETTERS ON ORANGE BACKGROUND (30"x18")
  - \* CONGRESS PARKWAY CUSTOM SPECIAL - INTERSTATE  
BLACK LETTERS ON ORANGE BACKGROUND (36"x24")
- \* TO BE PAID FOR AS TEMPORARY INFORMATION SIGNING

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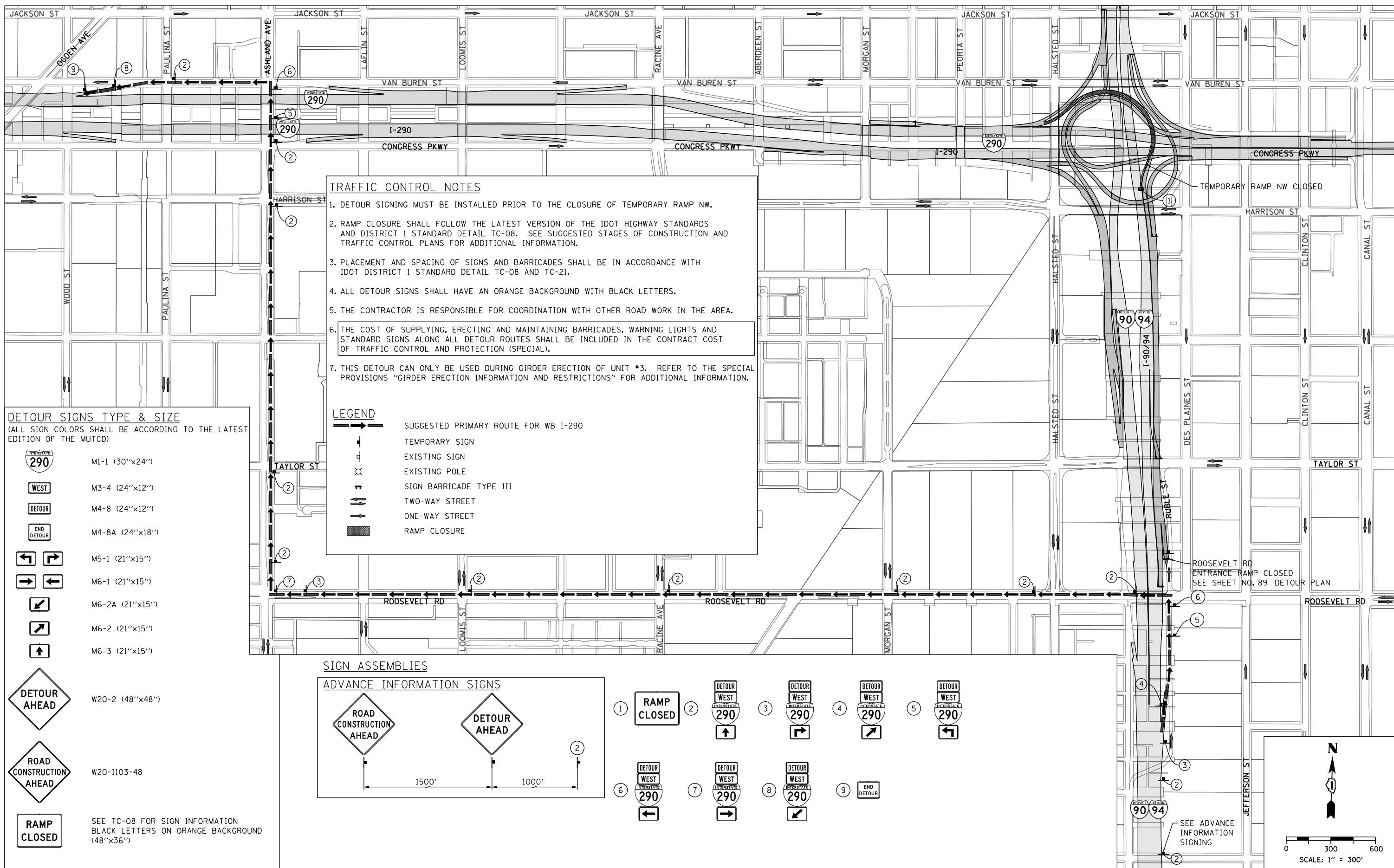
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CHECKED - KCF	REVISED -
DATE - 4/28/2014	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETOUR PLAN  
RAMP SE (GIRDER ERECTION)**

SCALE: 1" = 300' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	90E
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				



**TRAFFIC CONTROL NOTES**

- DETOUR SIGNING MUST BE INSTALLED PRIOR TO THE CLOSURE OF TEMPORARY RAMP NW.
- RAMP CLOSURE SHALL FOLLOW THE LATEST VERSION OF THE IDOT HIGHWAY STANDARDS AND DISTRICT 1 STANDARD DETAIL TC-08. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION.
- PLACEMENT AND SPACING OF SIGNS AND BARRICADES SHALL BE IN ACCORDANCE WITH IDOT DISTRICT 1 STANDARD DETAIL TC-08 AND TC-21.
- ALL DETOUR SIGNS SHALL HAVE AN ORANGE BACKGROUND WITH BLACK LETTERS.
- THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
- THE COST OF SUPPLYING, ERECTING AND MAINTAINING BARRICADES, WARNING LIGHTS AND STANDARD SIGNS ALONG ALL DETOUR ROUTES SHALL BE INCLUDED IN THE CONTRACT COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
- THIS DETOUR CAN ONLY BE USED DURING GIRDER ERECTION OF UNIT #3. REFER TO THE SPECIAL PROVISIONS "GIRDER ERECTION INFORMATION AND RESTRICTIONS" FOR ADDITIONAL INFORMATION.

**DETOUR SIGNS TYPE & SIZE**  
(ALL SIGN COLORS SHALL BE ACCORDING TO THE LATEST EDITION OF THE MUTCD)

	M1-1 (30"x24")
	M3-4 (24"x12")
	M4-8 (24"x12")
	M4-8A (24"x18")
	M5-1 (21"x15")
	M6-1 (21"x15")
	M6-2A (21"x15")
	M6-2 (21"x15")
	M6-3 (21"x15")

**LEGEND**

- SUGGESTED PRIMARY ROUTE FOR WB I-290
- TEMPORARY SIGN
- EXISTING SIGN
- EXISTING POLE
- SIGN BARRICADE TYPE III
- TWO-WAY STREET
- ONE-WAY STREET
- RAMP CLOSURE

**SIGN ASSEMBLIES**

**ADVANCE INFORMATION SIGNS**

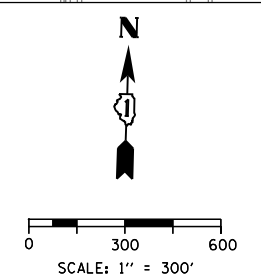
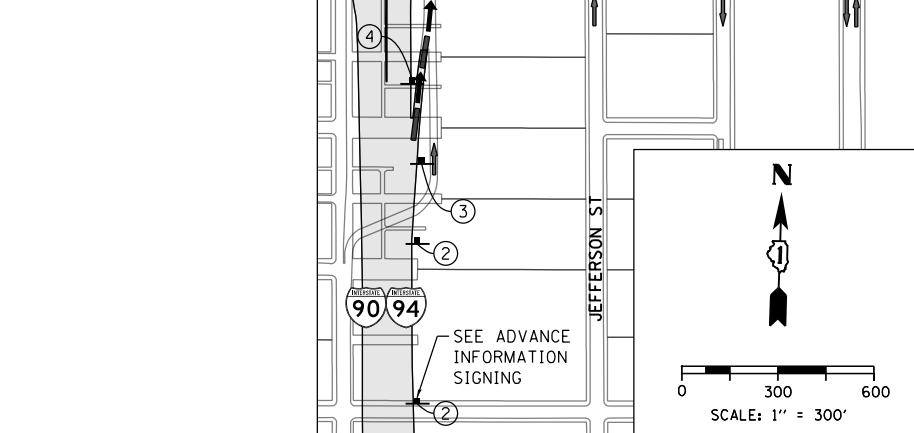
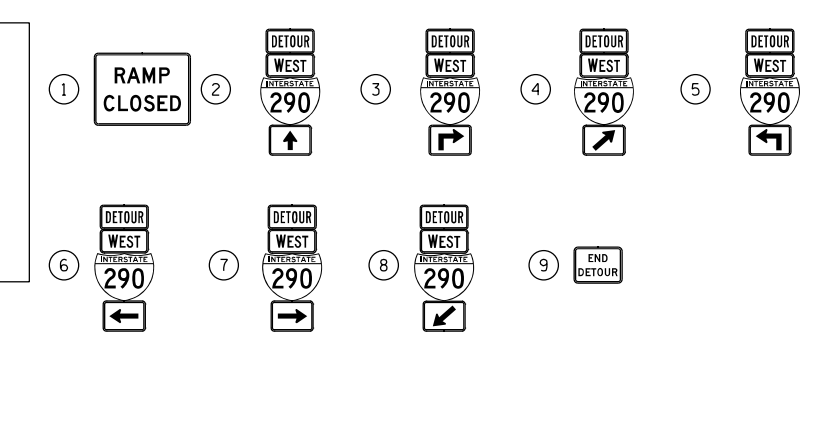
ROAD CONSTRUCTION AHEAD

DETOUR AHEAD

1500'      1000'

RAMP CLOSED

SEE TC-08 FOR SIGN INFORMATION  
BLACK LETTERS ON ORANGE BACKGROUND  
(48"x36")



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETOUR PLAN  
TEMPORARY RAMP NW (GIRDER ERECTION)**

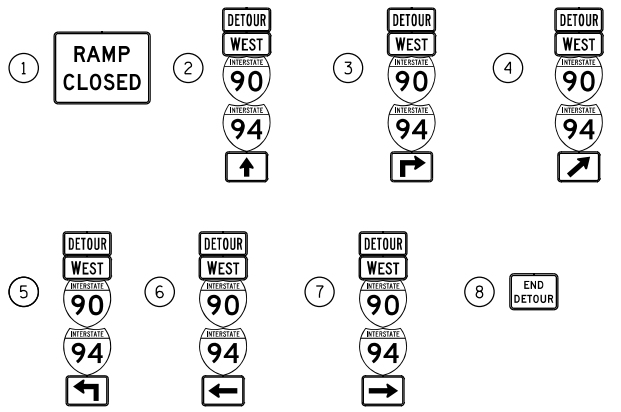
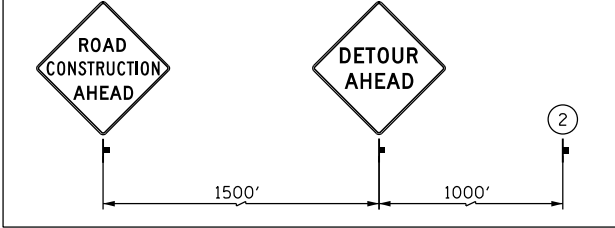
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F.A.I. RTE. 90/94/290	SECTION 2013-010R	COUNTY COOK	TOTAL SHEETS 747	SHEET NO. 90F
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				



SIGN ASSEMBLIES

ADVANCE INFORMATION SIGNS



DETOUR SIGNS TYPE & SIZE

(ALL SIGN COLORS SHALL BE ACCORDING TO THE LATEST EDITION OF THE MUTCD)

- M1-1 (24"x24")
- M3-4 (24"x12")
- M4-8 (24"x12")
- M4-8A (24"x18")
- M5-1 (21"x15")
- M6-1 (21"x15")
- M6-2 (21"x15")
- M6-3 (21"x15")

W20-2 (48"x48")

W20-30-48

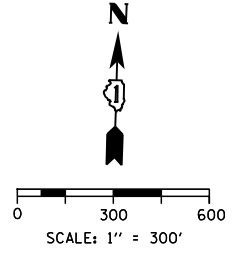
RAMP CLOSED  
SEE TC-08 FOR SIGN INFORMATION  
BLACK LETTERS ON ORANGE BACKGROUND  
(48"x36")

TRAFFIC CONTROL NOTES

1. DETOUR SIGNING MUST BE INSTALLED PRIOR TO CLOSURE RAMP EN.
2. RAMP CLOSURE SHALL FOLLOW THE LATEST VERSION OF THE IDOT HIGHWAY STANDARDS AND DISTRICT 1 STANDARD DETAIL TC-08. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION.
3. PLACEMENT AND SPACING OF SIGNS AND BARRICADES SHALL BE IN ACCORDANCE WITH IDOT DISTRICT 1 STANDARD DETAIL TC-08 AND TC-21.
4. ALL DETOUR SIGNS SHALL HAVE AN ORANGE BACKGROUND WITH BLACK LETTERS.
5. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
6. THE COST OF SUPPLYING, ERECTING AND MAINTAINING BARRICADES, WARNING LIGHTS AND STANDARD SIGNS ALONG ALL DETOUR ROUTES SHALL BE INCLUDED IN THE CONTRACT COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
7. THIS DETOUR CAN ONLY BE USED DURING GIRDER ERECTION. REFER TO THE SPECIAL PROVISION "GIRDER ERECTION INFORMATION AND RESTRICTIONS" FOR ADDITIONAL INFORMATION.

LEGEND

- SUGGESTED PRIMARY ROUTE
- TEMPORARY SIGN
- EXISTING SIGN
- EXISTING POLE
- SIGN BARRICADE TYPE III
- TWO-WAY STREET
- ONE-WAY STREET
- RAMP CLOSURE



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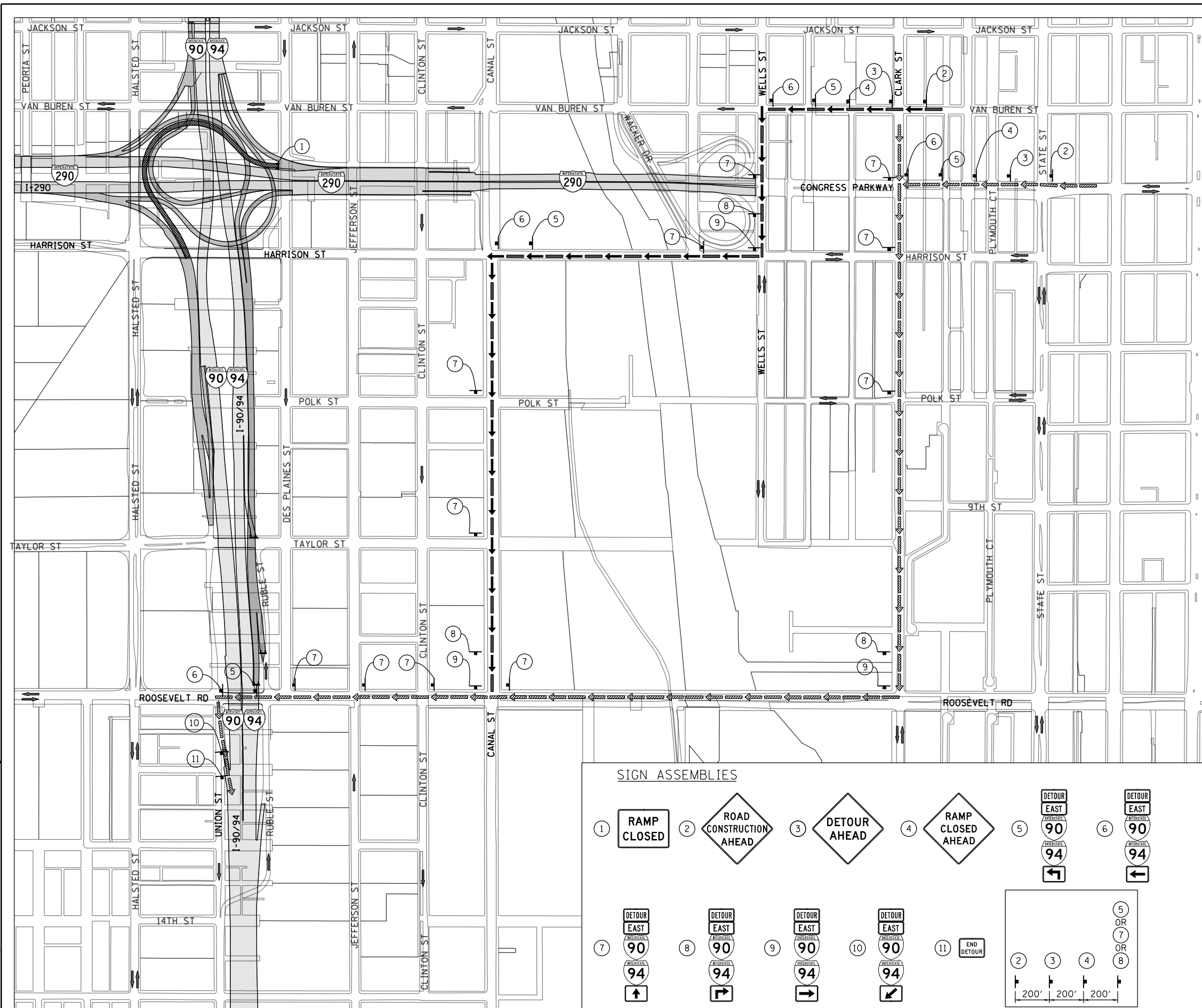
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DETOUR PLAN  
RAMP EN (GIRDER ERECTION)

SCALE: 1" = 300' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	90G
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				



- ### TRAFFIC CONTROL NOTES
- DETOUR SIGNING MUST BE INSTALLED PRIOR TO THE CLOSURE OF RAMP WS.
  - RAMP CLOSURE SHALL FOLLOW THE LATEST VERSION OF THE IDOT HIGHWAY STANDARDS AND DISTRICT 1 STANDARD DETAIL TC-08. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION.
  - PLACEMENT AND SPACING OF SIGNS AND BARRICADES SHALL BE IN ACCORDANCE WITH IDOT DISTRICT 1 STANDARD DETAIL TC-08 AND TC-21.
  - ALL DETOUR SIGNS SHALL HAVE AN ORANGE BACKGROUND WITH BLACK LETTERS.
  - THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
  - THE COST OF SUPPLYING, ERECTING AND MAINTAINING BARRICADES, WARNING LIGHTS AND STANDARD SIGNS ALONG ALL DETOUR ROUTES SHALL BE INCLUDED IN THE CONTRACT COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
  - THIS DETOUR CAN ONLY BE USED DURING PIER CONSTRUCTION OR GIRDER ERECTION. REFER TO THE SPECIAL PROVISION "PIER CONSTRUCTION INFORMATION AND RESTRICTIONS" AND "GIRDER ERECTION INFORMATION AND RESTRICTIONS" FOR ADDITIONAL INFORMATION.
- ### LEGEND
- SUGGESTED PRIMARY ROUTE
  - SUGGESTED SECONDARY ROUTE
  - TEMPORARY SIGN
  - EXISTING SIGN
  - EXISTING POLE
  - SIGN BARRICADE TYPE III
  - TWO-WAY STREET
  - ONE-WAY STREET
  - RAMP CLOSURE
- SCALE: 1" = 300'

### DETOUR SIGNS TYPE & SIZE

(ALL SIGN COLORS SHALL BE ACCORDING TO THE LATEST EDITION OF THE MUTCD)

	M1-1 (24"x24")
	M3-2 (24"x12")
	M4-8 (24"x12")
	M5-1 (21"x15")
	M6-1 (21"x15")
	M6-3 (21"x15")
	M6-2A (21"x15")
	M4-8A (24"x18")
	W20-2 (48"x48")
	W20-30-48
	W20-1103-48
	SEE TC-08 FOR SIGN INFORMATION BLACK LETTERS ON ORANGE BACKGROUND (48"x36")

### SIGN ASSEMBLIES

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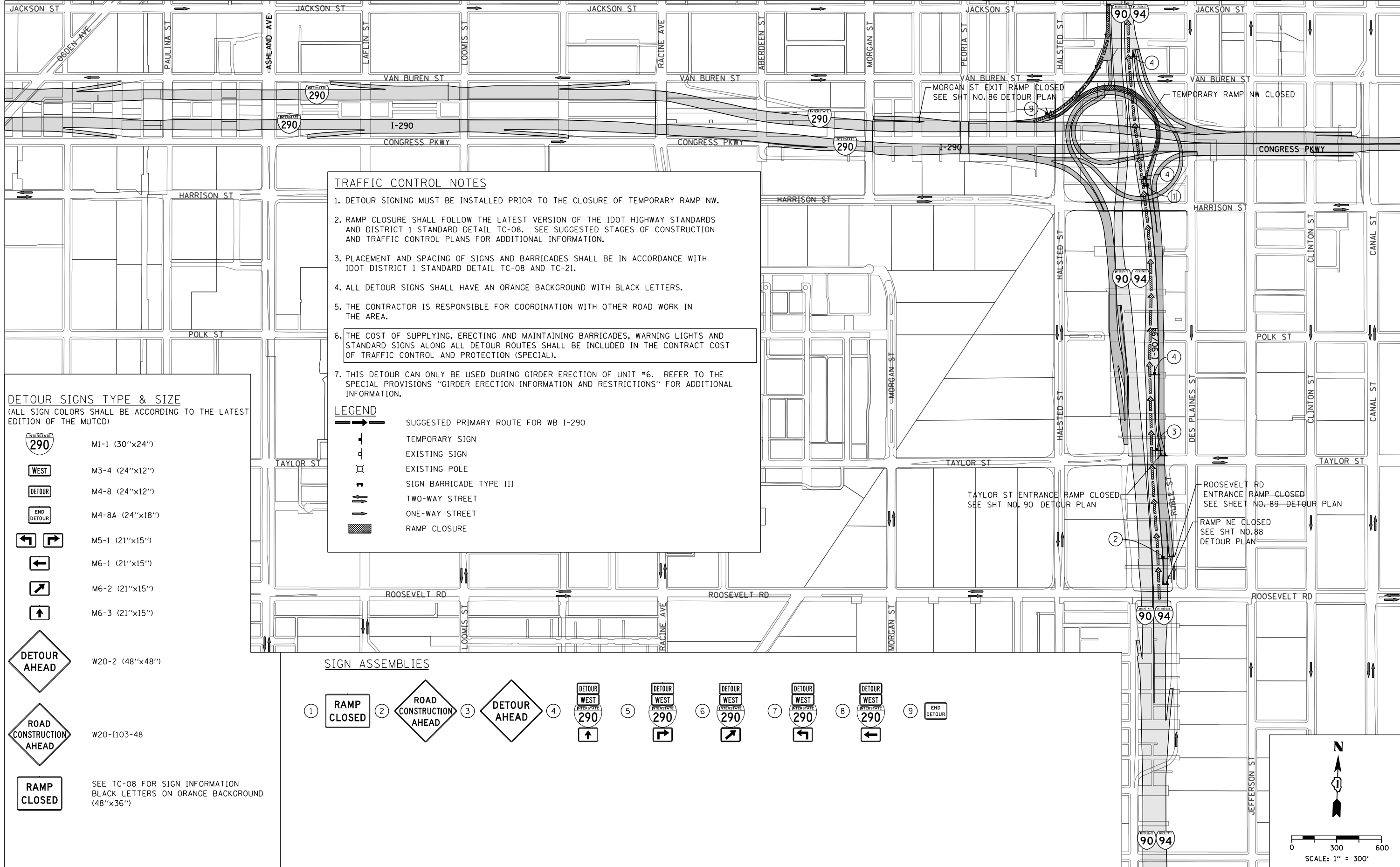
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETOUR PLAN  
RAMP WS (PIER CONSTRUCTION AND GIRDER ERECTION)**

SCALE: 1" = 300' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	90H
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				



**TRAFFIC CONTROL NOTES**

1. DETOUR SIGNING MUST BE INSTALLED PRIOR TO THE CLOSURE OF TEMPORARY RAMP NW.
2. RAMP CLOSURE SHALL FOLLOW THE LATEST VERSION OF THE IDOT HIGHWAY STANDARDS AND DISTRICT 1 STANDARD DETAIL TC-08. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION.
3. PLACEMENT AND SPACING OF SIGNS AND BARRICADES SHALL BE IN ACCORDANCE WITH IDOT DISTRICT 1 STANDARD DETAIL TC-08 AND TC-21.
4. ALL DETOUR SIGNS SHALL HAVE AN ORANGE BACKGROUND WITH BLACK LETTERS.
5. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
6. THE COST OF SUPPLYING, ERECTING AND MAINTAINING BARRICADES, WARNING LIGHTS AND STANDARD SIGNS ALONG ALL DETOUR ROUTES SHALL BE INCLUDED IN THE CONTRACT COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
7. THIS DETOUR CAN ONLY BE USED DURING GIRDER ERECTION OF UNIT #6. REFER TO THE SPECIAL PROVISIONS "GIRDER ERECTION INFORMATION AND RESTRICTIONS" FOR ADDITIONAL INFORMATION.

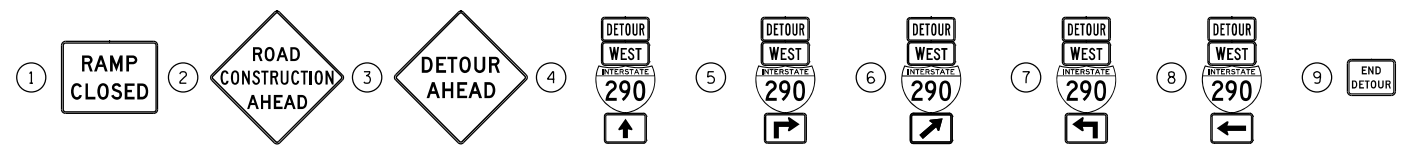
**LEGEND**

- SUGGESTED PRIMARY ROUTE FOR WB I-290
- ⊥ TEMPORARY SIGN
- ⊥ EXISTING SIGN
- ⊥ EXISTING POLE
- ⊥ SIGN BARRICADE TYPE III
- ↔ TWO-WAY STREET
- ONE-WAY STREET
- RAMP CLOSURE

**DETOUR SIGNS TYPE & SIZE**  
(ALL SIGN COLORS SHALL BE ACCORDING TO THE LATEST EDITION OF THE MUTCD)

- M1-1 (30"x24")
- M3-4 (24"x12")
- M4-8 (24"x12")
- M4-8A (24"x18")
- M5-1 (21"x15")
- M6-1 (21"x15")
- M6-2 (21"x15")
- M6-3 (21"x15")
- W20-2 (48"x48")
- W20-1103-48
- SEE TC-08 FOR SIGN INFORMATION  
BLACK LETTERS ON ORANGE BACKGROUND (48"x36")

**SIGN ASSEMBLIES**



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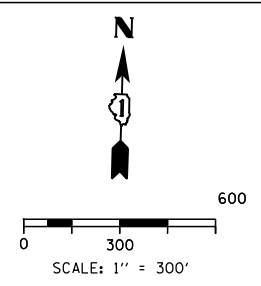
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETOUR PLAN  
TEMPORARY RAMP NW (GIRDER ERECTION)**

SCALE: 1" = 300' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-010R	COUNTY COOK	TOTAL SHEETS 747	SHEET NO. 901
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				

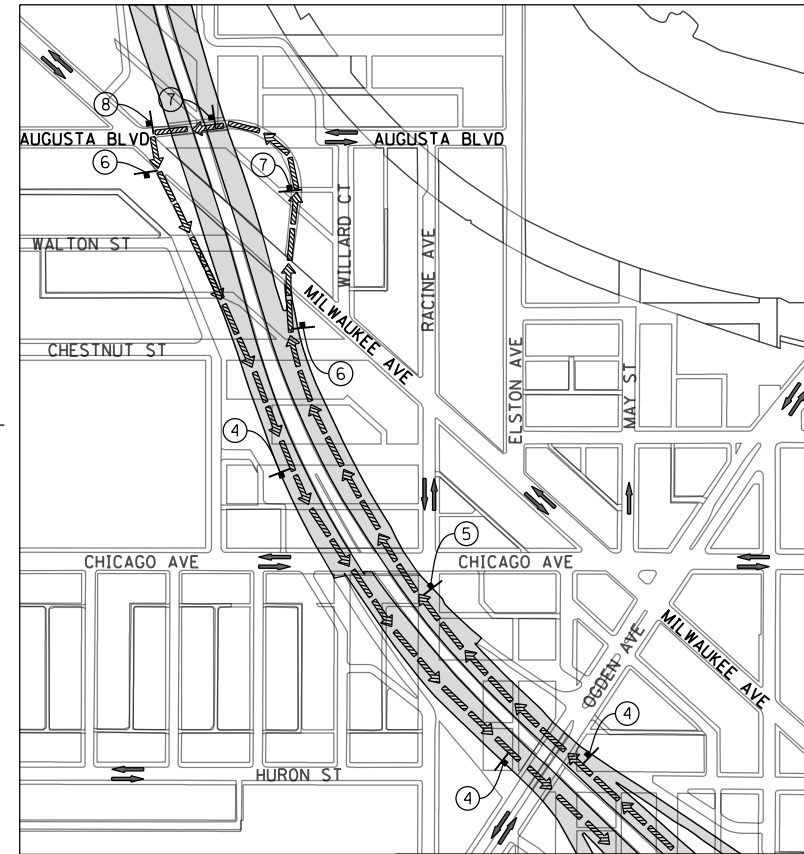
MATCH LINE SEE INSET "A"



**TRAFFIC CONTROL NOTES**

1. DETOUR SIGNING MUST BE INSTALLED PRIOR TO THE CLOSURE OF TEMPORARY RAMP NW.
2. RAMP CLOSURE SHALL FOLLOW THE LATEST VERSION OF THE IDOT HIGHWAY STANDARDS AND DISTRICT 1 STANDARD DETAIL TC-08. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION.
3. PLACEMENT AND SPACING OF SIGNS AND BARRICADES SHALL BE IN ACCORDANCE WITH IDOT DISTRICT 1 STANDARD DETAIL TC-08 AND TC-21.
4. ALL DETOUR SIGNS SHALL HAVE AN ORANGE BACKGROUND WITH BLACK LETTERS.
5. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
6. THE COST OF SUPPLYING, ERECTING AND MAINTAINING BARRICADES, WARNING LIGHTS AND STANDARD SIGNS ALONG ALL DETOUR ROUTES SHALL BE INCLUDED IN THE CONTRACT COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
7. THIS DETOUR CAN ONLY BE USED DURING GIRDER ERECTION OF UNIT #6. REFER TO THE SPECIAL PROVISION "GIRDER ERECTION INFORMATION AND RESTRICTIONS" FOR ADDITIONAL INFORMATION.

**INSET "A"**



MATCH LINE

**DETOUR SIGNS TYPE & SIZE**

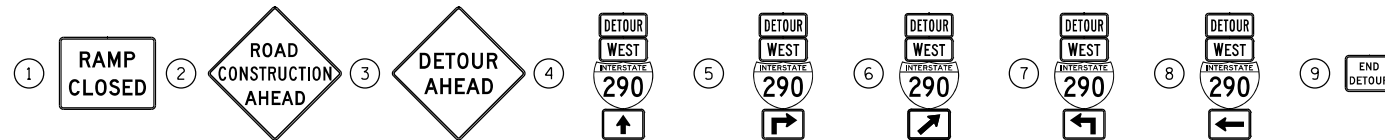
(ALL SIGN COLORS SHALL BE ACCORDING TO THE LATEST EDITION OF THE MUTCD)

- M1-1 (30"x24")
- M3-4 (24"x12")
- M4-8 (24"x12")
- M4-8A (24"x18")
- M5-1 (21"x15")
- M6-1 (21"x15")
- M6-2 (21"x15")
- M6-3 (21"x15")

**LEGEND**

- SUGGESTED PRIMARY ROUTE FOR WB I-290
- TEMPORARY SIGN
- EXISTING SIGN
- EXISTING POLE
- SIGN BARRICADE TYPE III
- TWO-WAY STREET
- ONE-WAY STREET
- RAMP CLOSURE

**SIGN ASSEMBLIES**



- W20-2 (48"x48")
- W20-1103-48
- SEE TC-08 FOR SIGN INFORMATION  
BLACK LETTERS ON ORANGE BACKGROUND  
(48"x36")

MATCH LINE SEE SHEET NO. 901

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

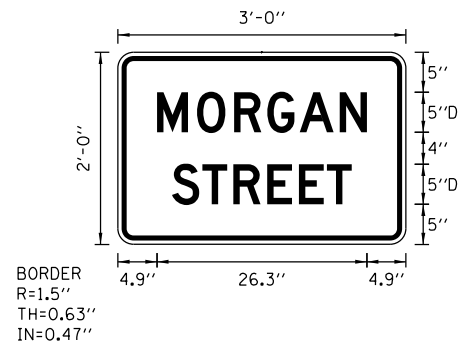
**DETOUR PLAN  
TEMPORARY RAMP NW (GIRDER ERECTION)**

SCALE: 1" = 300' SHEET 2 OF 2 SHEETS STA. TD STA.

F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	90J
CONTRACT NO. 60W28				

ILLINOIS FED. AID PROJECT

SIGN DETAIL

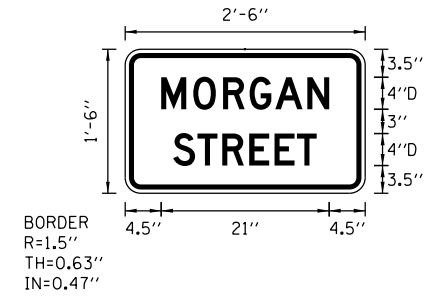


SIGN NUMBER	TC-SGN-01
WIDTH x HGHT.	3'-0" x 2'-0"
BORDER WIDTH	0.63"
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Orange
LEGEND/BORDER	TYPE: Reflective COLOR: Black/Black

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)										LENGTH	SERIES/SIZE
M	O	R	G	A	N						D 2000
4.9	9.9	14.5	18.7	22.7	27.7					26.3	5
S	T	R	E	E	T						D 2000
6.8	10.6	14.4	18.7	22.6	26.1					22.5	5

SIGN DETAIL

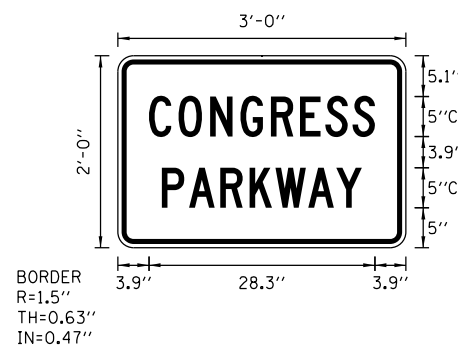


SIGN NUMBER	TC-SGN-02
WIDTH x HGHT.	2'-6" x 1'-6"
BORDER WIDTH	0.63"
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Orange
LEGEND/BORDER	TYPE: Reflective COLOR: Black/Black

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)										LENGTH	SERIES/SIZE
M	O	R	G	A	N						D 2000
4.5	8.5	12.2	15.5	18.8	22.8					21	4
S	T	R	E	E	T						D 2000
6	9	12.1	15.5	18.7	21.5					18	4

SIGN DETAIL

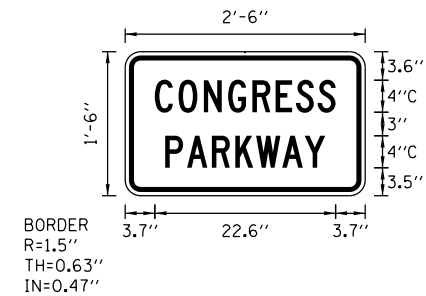


SIGN NUMBER	TC-SGN-03
WIDTH x HGHT.	3'-0" x 2'-0"
BORDER WIDTH	0.63"
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Orange
LEGEND/BORDER	TYPE: Reflective COLOR: Black/Black

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)										LENGTH	SERIES/SIZE
C	O	N	G	R	E	S	S				C 2000
3.9	7.6	11.5	15.3	19.1	22.8	25.9	29.3			28.3	5
P	A	R	K	W	A	Y					C 2000
5.5	8.9	12.8	16.5	19.7	23.8	27.3				25	5

SIGN DETAIL



SIGN NUMBER	TC-SGN-04
WIDTH x HGHT.	2'-6" x 1'-6"
BORDER WIDTH	0.63"
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Orange
LEGEND/BORDER	TYPE: Reflective COLOR: Black/Black

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)										LENGTH	SERIES/SIZE
C	O	N	G	R	E	S	S				C 2000
3.7	6.7	9.8	12.9	15.9	18.8	21.4	24.1			22.6	4
P	A	R	K	W	A	Y					C 2000
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

DETOUR PLAN  
 TEMPORARY INFORMATION SIGNING

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	91
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				













**TRAFFIC CONTROL GENERAL NOTES**

1. TRAFFIC CONTROL AND PROTECTION SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 701 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
2. TYPE III BARRICADES AND ROAD CLOSURE SIGNS SHALL BE POSITIONED AS SHOWN, ACCORDING TO HIGHWAY STANDARD 701901 AND AS DIRECTED BY THE ENGINEER.
3. TYPE A LOW INTENSITY FLASHING WARNING LIGHTS SHALL BE USED ON EACH SIGN IN ADVANCE OF THE WORK DURING HOURS OF DARKNESS.
4. ALL WARNING SIGNS SHALL BE A MINIMUM OF 48" x 48" AND HAVE A BLACK LEGEND AND BORDER ON A FLUORESCENT ORANGE REFLECTORIZED BACKGROUND.
5. ALL TYPE III BARRICADES UTILIZED FOR ROAD CLOSURES SHALL HAVE TWO LOW INTENSITY FLASHING LIGHTS MOUNTED ON TOP OF EACH BARRICADE.
6. FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE. THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SANDBAGS ON EACH TYPE I OR II BARRICADE USED.
7. WHERE ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
8. EXACT LOCATION OF ALL WARNING SIGNS AND BARRICADES SHALL BE STAKED IN THE FIELD FOR APPROVAL BY THE ENGINEER PRIOR TO INSTALLATION.
9. PRIOR TO START OF CONSTRUCTION, ALL REQUIRED TRAFFIC CONTROL DEVICES SHALL BE IN PLACE.
10. COOPERATION BETWEEN CONTRACTORS WILL BE REQUIRED. THE CONTRACTOR SHALL COORDINATE TRAFFIC CONTROL WITH OTHER ADJACENT CONTRACTS WHICH MAY BE UNDER CONSTRUCTION DURING THE DURATION OF THIS PROJECT. NO ADDITIONAL COMPENSATION IS ALLOWED. ADJACENT CONTRACTS MAY CONSIST OF, BUT ARE NOT LIMITED TO PROJECTS NEAR:
  - o CONTRACT 60F63 - FAI 90/94 (KENNEDY EXPRESSWAY) AT OHIO STREET
  - o CONTRACT 60W26 - HARRISON STREET BRIDGE (WEST) AT I-90/94 AND HALSTED STREET BRIDGE AT I-290 (CIRCLE INTERCHANGE)
  - o CONTRACT 60W29 - PEORIA STREET BRIDGE AT I-290 / CONGRESS PKWY (CIRCLE INTERCHANGE)
  - o CONTRACT 60W71 - HARRISON STREET BRIDGE (EAST) AT I-90/94 (CIRCLE INTERCHANGE)
  - o CONTRACT 60W30 - TAYLOR ST. BRIDGE OVER I-90/94 (CIRCLE INTERCHANGE)
  - o CONTRACT 60X61 - I-290 WB MAINLINE AND AUXILIARY LANES FROM PEORIA ST. TO RACINE AVE. (CIRCLE INTECHANGE)
  - o CONTRACT 60X62 - PEORIA ST. AESTHETICS (CIRCLE INTECHANGE)
  - o AND OTHERS.
11. TEMPORARY RAMP SW CLOSURE, AS OUTLINED IN STAGE 1 OF THE MAINTENANCE OF TRAFFIC PLAN DETAILS, IS RESTRICTED TO ONE (1), 54-HOUR (MAXIMUM) WEEKEND CLOSURE ONLY. THIS CLOSURE SHALL NOT COMMENCE BEFORE 10 PM ON FRIDAY NIGHT OF SAID WEEKEND AND RAMP SW MUST BE RE-OPENED TO TRAFFIC NO LATER THAN 4 AM ON MONDAY MORNING AT THE END OF SAME SAID WEEKEND
12. THE CONTRACTOR MUST NOT CLOSE EXISTING RAMP NW, RAMP NE, OR RELATED RAMP NW OR RAMP NE AUXILIARY LANES IN THE 2014 CALENDAR YEAR. AS A RESULT, CLOSURE OF RAMP NE AND EXISTING RAMP NW AUXILIARY LANES MUST NOT COMMENCE PRIOR TO JANUARY 1, 2015.
13. REPAIRS TO EXISTING RETAINING WALL #2 (SN 016-Z024) MUST BE COMPLETED PRIOR TO CONSTRUCTION OF THE ADJACENT RETAINING WALL #1 (SN 016-1720). SEE STRUCTURAL PLANS FOR REPAIR OF RETAINING WALL #2 INFORMATION.
14. STAGE 3A LANE RESTRICTIONS MUST NOT COMMENCE UNTIL CONTRACT 60W26 AND CONTRACT 60W29 LANE RESTRICTIONS ARE REMOVED. COORDINATION WITH CONTRACT 60W26 AND CONTRACT 60W29 IS REQUIRED. SEE MAINTENANCE OF TRAFFIC PLAN DETAILS FOR MORE INFORMATION.
15. ALL I.T.S. RAMP METERING AND DETECTION MUST BE COMPLETED PRIOR TO THE OPENING OF THE ASSOCIATED IMPACTED RAMPS TO TRAFFIC.
16. CONSTRUCTION OF THE 78" MAIN DRAIN SEWER SEGMENT "P-MD1A" VIA PIPE JACKING AND BORING MUST BE COMPLETED PRIOR TO CONSTRUCTION OF RETAINING WALL #3.
17. THE CLOSURE AND REMOVAL OF EXISTING RAMP NW (AS SHOWN IN STAGE 4 OF THE MAINTENANCE OF TRAFFIC PLAN DETAILS) MUST NOT COMMENCE UNTIL:
  - o NEW RAMP NW FLYOVER HAS BEEN COMPLETED AND OPENED TO TRAFFIC, AND,
  - o CONTRACT 60X61 HAS BEEN SUBSTANTIALLY COMPLETED INCLUDING THE OPENING TO TRAFFIC OF THE RAMP NW FLYOVER AUXILIARY LANES ALONG I-290 WB.

18. FOR BEAM ERECTION INFORMATION AND RESTRICTIONS, SEE SPECIAL PROVISIONS AND MAINTENANCE OF TRAFFIC PLAN DETAILS
19. THE CONTRACTOR SHALL NOTIFY THE ENGINEER 28 DAYS PRIOR TO ANY ANTICIPATED CLOSURES.
20. A MINIMUM 11' LANE WIDTH SHALL BE MAINTAINED ON ALL INTERSTATE LANES OPEN TO TRAFFIC DURING CONSTRUCTION.
21. OFFSETS BETWEEN THE EDGE OF TRAVEL LANE AND THE FACE OF TEMPORARY CONCRETE BARRIER ARE ASSUMED TO BE 2 FT UNLESS DESIGNATED OTHERWISE.
22. VERIFY LOCATION OF ALL BUILDING ACCESS, COORDINATE WITH BUILDING OWNERS AND LOCAL AUTHORITIES AND PROVIDE FULL ACCESS TO BUSINESSES OR PROPERTIES DURING THEIR NORMAL WORKING HOURS IN ACCORDANCE WITH ADA AND APPLICABLE CODE REQUIREMENTS.
23. THE CONTRACTOR SHALL MAINTAIN TRAFFIC ON ALL STREETS EXCEPT WHERE NOTED ON THE PLANS AND PROHIBIT PARKING WITHIN FIFTY (50) FEET OF THE CONSTRUCTION AREA AT ALL TIMES. NOTIFY CDOT AND OEMC AT LEAST 72 HOURS BEFORE COMMENCING CONSTRUCTION.
24. PROVIDE CONTINUOUS TEMPORARY ACCESS TO ALL SIDE STREETS, ALLEYS, DRIVEWAYS, AND PARKING LOTS UNLESS SPECIFICALLY IDENTIFIED ON THE PLANS FOR TEMPORARY CLOSURE. LOTS WITH MORE THAN ONE DRIVEWAY MUST BE STAGED TO KEEP AT LEAST ONE DRIVEWAY OPEN AT ALL TIMES.
25. MAINTAIN ACCESS TO FIRE HYDRANTS, BUILDING STANDPIPES AND OTHER EMERGENCY FACILITIES WITHIN THE CONSTRUCTION ZONE.
26. THE CONTRACTOR SHALL COORDINATE WORK WITH PRIVATE UTILITY COMPANIES AND THEIR CONTRACTORS FOR ADJUSTMENTS, SUPPORTS, AND RELOCATION. UTILITY WORK WILL GENERALLY BE CONDUCTED PRIOR TO ROADWAY WORK, BUT CERTAIN ITEMS MAY NEED TO PROCEED IN CONCERT WITH CONSTRUCTION OPERATIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT AFFECTED UTILITIES AND COORDINATE WORK WITHIN THE CONSTRUCTION SCHEDULE. THE EFFORT OF WHICH WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT. A LIST OF UTILITY CONTACTS IS LOCATED WITHIN THE SPECIFICATIONS.

27. TC-SGN-01 AND TC-SGN-02 ARE PER DISTRICT 1 STANDARD TC-09 AND SHALL BE INCLUDED IN COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS). NO ADDITIONAL COMPENSATION IS ALLOWED.

28. THE CONTRACTOR SHALL CONTACT THE DISTRICT OF ARTERIAL TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 AND THE EXPRESSWAYS TRAFFIC CONTROL SUPERVISOR AT (847) 705-4155 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

29. SIGN W21-1a SHALL BE TAKEN DOWN WHEN THE WORKERS ARE NOT PRESENT.

30. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ACCESS RESTRICTIONS TO THE SITE AS MAY BE REQUIRED BY THE ENGINEER. IN AREAS WHERE SILT FENCE IS NOT INSTALLED, ORANGE CONSTRUCTION FENCING MAY BE REQUIRED TO RESTRICT ACCESS TO WORK ZONES. THE ENGINEER SHALL BE THE SOLE JUDGE OF THE NEED FOR ACCESS RESTRICTIONS AND THEIR CONFIGURATION. ORANGE CONSTRUCTION FENCING (IF NECESSARY) WILL NOT BE MEASURED SEPARATELY FOR PAYMENT. BUT SHALL BE INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.

31. THE CONTRACTOR SHALL SUBMIT PLANS AND DETAILS FOR PEDESTRIAN PROTECTION INCLUDING SCAFFOLDING OR OTHER PROTECTIVE MEASURES FOR REVIEW AND APPROVAL OF THE ENGINEER. THIS IS INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).

32. A 3'-6" DEFLECTION AREA IS REQUIRED FROM THE BACK SIDE OF THE TEMPORARY BARRIER WALL TO ANY OBSTRUCTION OR DROP OFF IN THE WORK ZONE. IF THIS 3'-6" DEFLECTION AREA CANNOT BE MAINTAINED, THE TEMPORARY CONCRETE BARRIER WALL SHALL BE ANCHORED TO THE PAVEMENT (EXCLUDING BRIDGE DECKS) THROUGH THE 3 ANCHORING HOLES ON THE TRAFFIC SIDE OF THE TEMPORARY CONCRETE BARRIER WALL. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, SHALL BE CONSIDERED INCIDENTAL TO THE TEMPORARY CONCRETE BARRIER PAY ITEM.

33. THE CONTRACTOR SHALL BE REQUIRED TO REMOVE AND REPLACE ALL REFLECTORS FROM EXISTING RAISED REFLECTIVE PAVEMENT MARKERS WHICH CONFLICT WITH THE DESIGNATED TRAFFIC CONTROL PLANS. THIS WORK SHALL BE PAID FOR AS RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL.













34. ALL TEMPORARY PAVEMENT MARKINGS SHOWING DETERIORATION AFTER 7 DAYS SHALL BE REPLACED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. SUFFICIENT QUANTITIES FOR ONE PLACEMENT AND ONE REPLACEMENT HAVE BEEN PROVIDED FOR EACH STAGE. ALL MARKINGS THAT REQUIRE REPLACEMENT AFTER THE THIRD REPLACEMENT SHALL BE REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE.

35. ADDITIONAL ESTIMATED QUANTITIES FOR VARIOUS MAINTENANCE OF TRAFFIC ITEMS HAVE BEEN INCLUDED IN THE CONTRACT FOR THE PURPOSE OF SUPPLEMENTING MAINTENANCE OF TRAFFIC OPERATIONS AND FOR MAINTENANCE OF DETOUR ROUTES. THESE QUANTITIES ARE NOTED AS ALLOWANCES IN THE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN - SCHEDULE. USE OF THESE ADDITIONAL QUANTITIES IS AT THE DISCRETION OF THE ENGINEER.

36. THE FURNISHING, INSTALLING, AND RELOCATION OF ALL TRAFFIC SIGNS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL). ALL CONFLICTING TRAFFIC SIGNS SHALL BE COVERED AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL).

37. THE CONTRACTOR SHALL ONLY SET UP AND STORE EQUIPMENT DURING CONSTRUCTION AT THE SUGGESTED STAGING AREAS AS SHOWN IN THE PLANS OR AS APPROVED BY THE ENGINEER. THE SUGGESTED STAGING AREAS SHOWN IN THE PLANS ARE SUBJECT TO FIELD MODIFICATION AS DETERMINED BY THE ENGINEER. THE SUGGESTED STAGING AREAS MAY BE SHARED WITH OTHER ADJACENT CONTRACTS WHICH MAY BE UNDER CONSTRUCTION DURING THE DURATION OF THIS PROJECT. CONTRACTOR COOPERATION IS REQUIRED. ADDITIONALLY, UTILITIES AND UTILITY CONTRACTORS MAY PERFORM ASBESTOS ABATEMENT ON CONTRACTOR REMOVED CONDUITS WITHIN A SECURE AREA PROVIDED WITHIN THE STAGING AREAS.

**LEGEND:**

-  WORK ZONE
-  TEMPORARY CONCRETE BARRIER
-  TEMPORARY IMPACT ATTENUATOR
-  TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
-  DIRECTION OF TRAFFIC FLOW
-  TYPE III BARRICADE
-  TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
-  DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL
-  SIGN
-  ARROW BOARD
-  REMOVAL LIMITS
-  TEMPORARY PAVEMENT

**NOTE:**

BOXED ITEMS ARE INCLUDED IN THE COST OF THE CONTRACT.

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL - GENERAL NOTES AND LEGEND**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	93
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	

## STAGING NARRATIVE

### ADVANCE OF STAGE 1

#### MAINTENANCE OF TRAFFIC ALONG I-290 MAINLINE

- EB & WB I-290
  - o MAINTAIN EXISTING LANE RESTRICTIONS PER CONTRACT 60W26 AND CONTRACT 60W29. COORDINATION WITH CONTRACT 60W26 AND CONTRACT 60W29 REQUIRED.

#### MAINTENANCE OF TRAFFIC ON RAMP NW/RAMP NE C-D ROAD

- MAINTAIN POSSIBLE LANE RESTRICTIONS PER CONTRACT 60W71. COORDINATION WITH CONTRACT 60W71 REQUIRED.

#### CONSTRUCTION TO BE COMPLETED IN ADVANCE OF STAGE 1

- CONSTRUCT TEMPORARY CONCRETE BARRIER ALONG NORTH SIDE SHOULDER OF I-290 WB BETWEEN APPROX. STA 353+50 AND STA. 356+00 (FOR CURB REMOVAL AND PIER #8 AND PIER #9 CONSTRUCTION (SN 016-1705)) COORDINATION WITH CONTRACT 60W26 AND CONTRACT 60W29 REQUIRED.
- REMOVE EXISTING CONCRETE CURB ALONG NORTH SIDE SHOULDER OF I-290 WB (FOR PIER #8 AND PIER #9 CONSTRUCTION (SN 016-1705)). COORDINATION WITH CONTRACT 60W26 AND CONTRACT 60W29 REQUIRED.
- LOCATE AND EXPOSE EXISTING CTA TUNNELS FOR PROPOSED PIER #7 (SN 016-1705) CONSTRUCTION VIA EARTH EXCAVATION (SPECIAL). SEE SPECIAL PROVISIONS.
- LOCATE AND PROTECT EXISTING COM ED AND AT&T DUCTBANKS UNDERNEATH PROPOSED WALL 40. COORDINATION WITH UTILITIES REQUIRED.

### STAGE 1

#### MAINTENANCE OF TRAFFIC ALONG I-90/94 MAINLINE

- WB I-90/94
  - o NEAR HARRISON ST. BRIDGE, REDUCE EXISTING THREE (3) MAINLINE TRAVEL LANES TO 11 FOOT LANES WITH 1 FOOT SHY DISTANCE TO THE FACE OF TEMPORARY CONCRETE BARRIER ON EAST SIDE (FOR SN 016-1705, PIER #6 CONSTRUCTION)
  - o POSSIBLE COORDINATION WITH FUTURE CONTRACT 60W30 REQUIRED.
- EB I-90/94
  - o NEAR VAN BUREN ST. BRIDGE, REDUCE EXISTING THREE (3) MAINLINE TRAVEL LANES TO 11 FOOT LANES WITH 1 FOOT SHY DISTANCE TO THE FACE OF TEMPORARY CONCRETE BARRIER ON EAST SIDE (FOR SN 016-1705, PIER #7 CONSTRUCTION)

#### MAINTENANCE OF TRAFFIC ALONG I-290 MAINLINE

- EB & WB I-290
  - o MAINTAIN EXISTING LANE RESTRICTIONS PER CONTRACT 60W26 AND CONTRACT 60W29. COORDINATION WITH CONTRACT 60W26 AND CONTRACT 60W29 REQUIRED.

#### MAINTENANCE OF TRAFFIC ON RAMP NW/RAMP NE C-D ROAD

- MAINTAIN POSSIBLE LANE RESTRICTIONS PER CONTRACT 60W71. COORDINATION WITH CONTRACT 60W71 REQUIRED.

#### MAINTENANCE OF TRAFFIC ON MAINLINE RAMPS NEAR RAMP NW

- EXISTING RAMP NW
  - o MAINTAIN EXISTING TRAVEL LANES.
- RAMP SW
  - o MAINTAIN EXISTING TRAVEL LANES AT ALL TIMES DURING THIS PHASE EXCEPT DURING THE RAMP SW TEMPORARY WEEKEND CLOSURE. (GRADING WORK AND RETAINING WALL #40 WORK AREAS TO BE LOCATED ON NORTH SIDE OF PAVEMENT OUTSIDE OF RAMP AND SHOULDER FOOTPRINT.)
  - o TEMPORARILY CLOSE EXISTING RAMP SW JUST NORTH OF ADAMS ST. ON I-90/94 EB FOR A 54-HOUR MAXIMUM WEEKEND CLOSURE. (FOR WATER MAIN CONNECTION AND EXTENSION WORK). SEE STAGING AND INTERCHANGE RESTRICTIONS SPECIAL PROVISION.
  - o DURING TEMPORARY CLOSURE, RAMP SW TRAFFIC SHALL USE PROVIDED DETOUR AS OUTLINED IN THE PLANS.
  - o CLOSURE OF RAMP SW IN THIS PHASE IS RESTRICTED TO ONE (1), 54-HOUR (MAXIMUM) WEEKEND CLOSURE ONLY. THIS CLOSURE SHALL NOT COMMENCE BEFORE 10 PM ON FRIDAY NIGHT OF SAID WEEKEND AND RAMP SW MUST BE RE-OPENED TO TRAFFIC NO LATER THAN 4 AM ON MONDAY MORNING AT THE END OF SAME SAID WEEKEND. SEE STAGING AND INTERCHANGE RESTRICTIONS SPECIAL PROVISION.
  - o COORDINATION WITH CONTRACT 60W26 AND CONTRACT 60W29 REQUIRED.
- TAYLOR ST ENTRANCE RAMP (I-90/94 WB)
  - o MAINTAIN EXISTING LANE RESTRICTIONS PER CONTRACT 60W71.
  - o COORDINATION WITH CONTRACT 60W71 AND CONTRACT 60W30 REQUIRED.

### STAGE 1 CONTINUED

- ROOSEVELT RD ENTRANCE RAMP (I-90/94 WB)
  - o MAINTAIN EXISTING TRAVEL LANES
- MORGAN ST EXIT RAMP (I-290 EB)
  - o MAINTAIN EXISTING RAMP CLOSURE PER CONTRACT 60W26. COORDINATION WITH CONTRACT 60W26 REQUIRED.
  - o TRAFFIC SHALL USE DETOUR PROVIDED VIA CONTRACT 60W26.

#### MAINTENANCE OF TRAFFIC ON LOCAL STREETS

- GREEN ST
  - o RESTRICT PARKING ON GREEN ST NEAR THE CONSTRUCTION ZONE AS INDICATED IN THE SPECIAL PROVISIONS.
  - o USE OF ALL IMPACTED DRIVEWAYS MUST BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
  - o POSSIBLE COORDINATION WITH CONTRACT 60W26 REQUIRED.
- ROOSEVELT, TAYLOR, HARRISON, HALSTED, PEORIA AND MORGAN STREETS.
  - o MAINTAIN EXISTING TRAVEL LANES.

#### CONSTRUCTION TO BE COMPLETED IN STAGE 1

- BEGIN SITE GRADING ON NORTH SIDE OF I-290 WEST OF HALSTED ST. (COORDINATION WITH CONTRACT 60W26 AND CONTRACT 60W29 REQUIRED)
- BEGIN CONSTRUCTION OF RETAINING WALL #40 (SN 016-1809). (COORDINATION WITH CONTRACT 60W26 REQUIRED)
- BEGIN AND COMPLETE PROPOSED WATER MAIN CONNECTION AND EXTENSION UNDER EXISTING RAMP SW TO THE EXTENT SHOWN IN THE PLANS.
  - o ONLY ONE (1), 54-HOUR (MAXIMUM) WEEKEND CLOSURE OF RAMP SW WILL BE ALLOWED TO COMPLETE THIS WORK. SEE STAGING AND INTERCHANGE RESTRICTIONS SPECIAL PROVISION.
  - o THIS CLOSURE SHALL NOT COMMENCE BEFORE 10 PM ON FRIDAY NIGHT OF SAID WEEKEND AND RAMP SW MUST BE RE-OPENED TO TRAFFIC NO LATER THAN 4 AM ON MONDAY MORNING AT THE END OF SAME SAID WEEKEND.
- BEGIN PROPOSED WATER MAIN AND PRECAST RISER CONSTRUCTION IN THE GREEN STREET CORRIDOR AREA (NORTH OF I-290 AND SOUTH OF I-290) TO THE EXTENT SHOWN IN THE PLANS.
- BEGIN GREEN STREET ROADWAY AND INFRASTRUCTURE REPAIRS NORTH OF I-290 (DUE TO WATER MAIN CONSTRUCTION) TO THE EXTENT SHOWN IN THE PLANS.
- ERECT PROPOSED HIGH MAST LIGHT TOWER ZCD1 AS SHOWN IN THE PLANS.
- REMOVE EXISTING HIGH MAST LIGHT TOWER ZCD1 AS SHOWN IN THE PLANS.
- BEGIN CONSTRUCTION OF PIER #6, PIER #7, PIER #8 AND PIER #9 FOR SN 016-1705. SEE SPECIAL PROVISIONS FOR PIER CONSTRUCTION INFORMATION AND RESTRICTIONS.
- CONSTRUCT EAST SIDE WB I-90/94 TEMPORARY PAVEMENT NORTH OF HARRISON ST. FOR FUTURE STAGE MAINTENANCE OF TRAFFIC OPERATIONS. (COORDINATION WITH CONTRACT 60W71 REQUIRED)

### STAGE 2

#### MAINTENANCE OF TRAFFIC ALONG I-90/94 MAINLINE

- WB I-90/94
  - o AT THE I-55 TO WB I-90/94 ENTRANCE RAMP, REDUCE THE EXISTING TWO-LANE ENTRANCE RAMP TO ONE-LANE AS SHOWN ON THE PLANS. MAINTAIN FOUR (4) MAINLINE THROUGH LANES ON WB I-90/94 AS SHOWN IN THE PLANS.
  - o NEAR ROOSEVELT ENTRANCE RAMP, REDUCE FOUR (4) MAINLINE THROUGH TRAVEL LANES TO 11 FOOT LANES WITH 1 FOOT SHY DISTANCE TO THE FACE OF TEMPORARY CONCRETE BARRIER ON EAST SIDE (FOR RAMP NW/RAMP NE C-D ROAD CLOSURE)
  - o NEAR ROOSEVELT RD., CREATE DEDICATED RAMP AUXILIARY LANE FOR EXITING TRAFFIC TO EXISTING RAMP NW BY CONVERTING MAINLINE OUTSIDE LANE TO 11 FT. AUXILIARY LANE.
  - o COORDINATION WITH CONTRACT 60W71 REQUIRED.
- EB I-90/94
  - o MAINTAIN TRAVEL LANE REDUCTIONS AS ESTABLISHED IN STAGE 1. (FOR SN 016-1705, PIER #7 CONSTRUCTION)

#### MAINTENANCE OF TRAFFIC ALONG I-290 MAINLINE

- EB & WB I-290
  - o MAINTAIN EXISTING LANE RESTRICTIONS PER CONTRACT 60W26 AND CONTRACT 60W29. COORDINATION WITH CONTRACT 60W26 AND CONTRACT 60W29 REQUIRED.

#### MAINTENANCE OF TRAFFIC ON RAMP NW/RAMP NE C-D ROAD

- CLOSE EXISTING RAMP NW/RAMP NE C-D ROAD JUST NORTH OF THE ROOSEVELT RD EXIT RAMP. (FOR RAMP NW/RAMP NE REMOVAL AND FLYOVER BRIDGE CONSTRUCTION)
- RAMP NE TRAFFIC SHALL USE PROVIDED DETOUR AS OUTLINED IN THE PLANS.
- CLOSURE OF RAMP NW/RAMP NE C-D ROAD SHALL NOT COMMENCE PRIOR TO JANUARY 1, 2015.
- COORDINATION WITH CONTRACT 60W71 REQUIRED.

### STAGE 2 CONTINUED

#### MAINTENANCE OF TRAFFIC ON MAINLINE RAMPS NEAR RAMP NW

- EXISTING RAMP NW
  - o MAINTAIN EXISTING RAMP TRAFFIC VIA NEW AUXILIARY LANE CREATED ON WB I-90/94 MAINLINE
  - o JUST NORTH OF HARRISON ST., RAMP NW TRAFFIC SHALL EXIT FROM WB I-90/94 MAINLINE AUXILIARY LANE ONTO EXISTING RAMP NW VIA TEMPORARY PAVEMENT CONSTRUCTED IN STAGE 1.
  - o COORDINATION WITH CONTRACT 60W71 REQUIRED.
- RAMP NE
  - o RAMP NE SHALL BE CLOSED IN THIS STAGE. (FOR EXISTING BRIDGE REMOVAL)
  - o RAMP NE TRAFFIC SHALL USE PROVIDED DETOUR AS OUTLINED IN THE PLANS.
  - o RAMP CLOSURE SHALL NOT COMMENCE PRIOR TO JANUARY 1, 2015.
  - o COORDINATION WITH CONTRACT 60W71 REQUIRED.
- RAMP SW
  - o MAINTAIN EXISTING TRAVEL LANES. WORK AREA LOCATED TO THE NORTH OUTSIDE OF RAMP AND SHOULDER FOOTPRINT.
- TAYLOR ST ENTRANCE RAMP (I-90/94 WB)
  - o CLOSE TAYLOR ST. ENTRANCE RAMP TO WB I-90/94 IN THIS STAGE.
  - o TAYLOR ST. ENTRANCE RAMP TRAFFIC SHALL USE PROVIDED DETOUR AS OUTLINED IN THE PLANS
  - o COORDINATION WITH CONTRACT 60W30 REQUIRED.
- 18<sup>TH</sup> STREET ENTRANCE RAMP (I-90/94 WB)
  - o REDUCE EXISTING RAMP TO 16 FOOT LANE
- ROOSEVELT ROAD EXIT RAMP (I-90/94 WB)
  - o REDUCE RAMP AUXILIARY LANE TO 14 FEET IN WIDTH.
  - o REDUCE EXISTING RAMP TO 16 FOOT LANE
- ROOSEVELT ROAD ENTRANCE RAMP (I-90/94 WB)
  - o CLOSE ROOSEVELT ROAD ENTRANCE RAMP TO EXISTING RAMP NW/RAMP NE C-D ROADWAY
  - o TRAFFIC SHALL USE PROVIDED DETOUR AS OUTLINED IN THE PLANS.
- MORGAN ST EXIT RAMP (I-290 EB)
  - o MAINTAIN EXISTING RAMP CLOSURE PER CONTRACT 60W26. COORDINATION WITH CONTRACT 60W26 REQUIRED.
  - o TRAFFIC SHALL USE DETOUR PROVIDED VIA CONTRACT 60W26.

#### MAINTENANCE OF TRAFFIC ON LOCAL STREETS

- GREEN ST
  - o RESTRICT PARKING ON GREEN ST NEAR THE CONSTRUCTION ZONE AS INDICATED IN THE SPECIAL PROVISIONS.
  - o USE OF ALL IMPACTED DRIVEWAYS MUST BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
  - o POSSIBLE COORDINATION WITH CONTRACT 60W26 REQUIRED.
- VERNON PARK PLACE
  - o MAINTAIN ACCESS AT ALL TIMES TO ADJACENT DRIVEWAYS AND PROPERTIES NEAR AND IN THE CONSTRUCTION AREA.
  - o CONTRACTOR SHALL COORDINATE WITH ADJACENT PROPERTY OWNERS TO USE VERNON PARK PLACE EASEMENT FOR SITE ACCESS, CONSTRUCTION STAGING AND HIGH MAST LIGHT TOWER INSTALLATION.
- ROOSEVELT, TAYLOR, HARRISON, HALSTED, PEORIA AND MORGAN STREETS.
  - o MAINTAIN EXISTING TRAVEL LANES.

#### CONSTRUCTION TO BE COMPLETED IN STAGE 2

- CONTINUE SITE GRADING ON NORTH SIDE OF I-290 WEST OF HALSTED ST. (COORDINATION WITH CONTRACT 60W26 AND CONTRACT 60W29 REQUIRED)
- CONTINUE CONSTRUCTION OF RETAINING WALL #40 (SN 016-1809). (COORDINATION WITH CONTRACT 60W26 REQUIRED)
- COMPLETE PROPOSED WATER MAIN AND PRECAST RISER CONSTRUCTION IN THE GREEN STREET CORRIDOR AREA (NORTH OF I-290 AND SOUTH OF I-290) TO THE EXTENT SHOWN IN THE PLANS.
- COMPLETE GREEN STREET ROADWAY AND INFRASTRUCTURE REPAIRS NORTH OF I-290 (DUE TO WATER MAIN CONSTRUCTION) TO THE EXTENT SHOWN IN THE PLANS.
- COMPLETE GRADING AND SITE RESTORATION OF AREAS IMPACTED BY WATER MAIN AND RISER SHAFT CONSTRUCTION IN GREEN ST. CORRIDOR SOUTH OF I-290.
- CONTINUE CONSTRUCTION OF PIER #6, PIER #7, PIER #8 AND PIER #9 FOR SN 016-1705. SEE SPECIAL PROVISIONS FOR PIER CONSTRUCTION INFORMATION AND RESTRICTIONS.
- LOCATE AND PROTECT EXISTING COM ED DUCTBANKS NEAR PROPOSED RETAINING WALL #1. COORDINATION WITH COM ED REQUIRED.
- BEGIN AND COMPLETE ROADWAY AND OTHER INFRASTRUCTURE IMPROVEMENTS ON VERNON PARK PLACE (DUE TO HIGH MAST LIGHT TOWER DAB2 CONSTRUCTION) TO THE EXTENT SHOWN IN THE PLANS.
- ERECT PROPOSED HIGH MAST LIGHT TOWER DAB2 AS SHOWN IN THE PLANS.

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN			
NARRATIVE			
SCALE:	SHEET 1	OF 4 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	94
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	

**STAGING NARRATIVE**

**STAGE 2 CONTINUED**

- REMOVE EXISTING HIGH MAST LIGHT TOWER DAB2 AS SHOWN IN THE PLANS.
- BEGIN AND COMPLETE REPAIRS TO EXISTING RETAINING WALL #2 (SN 016-Z024). EXISTING RETAINING WALL #2 REPAIRS MUST BE COMPLETED PRIOR TO CONSTRUCTION OF THE ADJACENT RETAINING WALL #1 (SN 016-1720)
- BEGIN CONSTRUCTION OF RETAINING WALL #1 (SN 016-1720). REPAIRS TO EXISTING RETAINING WALL #2 (SN 016-Z024) MUST BE COMPLETED PRIOR TO RETAINING WALL #1 CONSTRUCTION.
- LOCATE AND PROTECT EXISTING COM ED AND AT&T DUCTBANKS NEAR PIER #4. COORDINATION WITH UTILITIES REQUIRED.
- BEGIN CONSTRUCTION OF PIER #5, PIER #4, PIER #3, PIER #2, PIER #1 AND SOUTH ABUTMENT FOR SN 016-1705. (COORDINATION WITH CONTRACT 60W71 REQUIRED). SEE SPECIAL PROVISIONS FOR PIER CONSTRUCTION INFORMATION AND RESTRICTIONS.
  - o ~~CONTRACTOR NOTE~~ UNDER CONTRACT 60W71, THE SUPERSTRUCTURE OF THE EXISTING HARRISON STREET BRIDGE OVER I-90/94 WB WILL BE REMOVED NO LATER THAN 12/31/2014. SIMILARLY, THE PROPOSED PIER CONSTRUCTION, GIRDER ERECTION, AND SUPERSTRUCTURE CONSTRUCTION FOR THE HARRISON ST. BRIDGE WILL NOT COMMENCE PRIOR TO 4/1/2015. THIS TIME PERIOD HAS BEEN ESTABLISHED TO ASSIST WITH PROPOSED PIER #4 CONSTRUCTION FOR SN 016-1705.
- BEGIN RECONSTRUCTION OF RAMP NW/RAMP NE C-D ROAD AND PROPOSED SOUTH BRIDGE APPROACH WORK TO THE EXTENT SHOWN ON THE PLANS.
- BEGIN TAYLOR ST. ENTRANCE RAMP REMOVALS AND CONSTRUCTION TO THE EXTENT SHOWN ON THE PLANS.
- BEGIN ROOSEVELT RD. NB ENTRANCE RAMP CONSTRUCTION TO THE EXTENT SHOWN ON THE PLANS.
- REMOVE RAMP NE BRIDGE (SN 016-2451), PIERS, AND ABUTMENTS TO THE EXTENT SHOWN IN THE PLANS. RAMP NE CLOSURE AND BRIDGE REMOVAL SHALL NOT COMMENCE PRIOR TO JANUARY 1, 2015.

**STAGE 3A**

MAINTENANCE OF TRAFFIC ALONG I-90/94 MAINLINE

- WB I-90/94
  - o MAINTAIN LANE CLOSURES AND RESTRICTIONS AS ESTABLISHED IN STAGE 2. (COORDINATION WITH CONTRACT 60W71 AND FUTURE CONTRACT 60W30 REQUIRED)
- EB I-90/94
  - o MAINTAIN TRAVEL LANE REDUCTIONS AS ESTABLISHED IN STAGE 1. (FOR SN 016-1705, PIER #7 CONSTRUCTION)

MAINTENANCE OF TRAFFIC ALONG I-290 MAINLINE

- WB I-290
  - o NEAR JEFFERSON ST., RESTRIPE PAVEMENT MARKINGS TO THE EXTENT SHOWN IN THE PLANS. TWO (2) OUTSIDE LANES SHALL BE STRIPED TO EXIT AT RAMP WN & RAMP WS, RESPECTIVELY, AND TWO (2) OUTSIDE LANES SHALL BE STRIPED AS I-290 WB THROUGH LANES LEAVING DOWNTOWN. (FOR SN 016-1705, PIER #10 CONSTRUCTION)
  - o STAGE 3A LANE RESTRICTIONS MUST NOT COMMENCE UNTIL CONTRACT 60W26 AND CONTRACT 60W29 LANE RESTRICTIONS ARE REMOVED. COORDINATION WITH CONTRACT 60W26 AND CONTRACT 60W29 REQUIRED.
  - o ADDITIONAL COORDINATION WITH FUTURE CONTRACT 60X61 REQUIRED.
- EB I-290
  - o MAINTAIN EXISTING TRAVEL LANES

MAINTENANCE OF TRAFFIC ON RAMP NW/RAMP NE C-D ROAD

- MAINTAIN ROAD CLOSURES AND RESTRICTIONS AS ESTABLISHED IN STAGE 2. (COORDINATION WITH CONTRACT 60W71 REQUIRED)

MAINTENANCE OF TRAFFIC ON MAINLINE RAMPS NEAR RAMP NW

- EXISTING RAMP NW
  - o AT SOUTH APPROACH, MAINTAIN TRAVEL LANE REDUCTIONS AS ESTABLISHED IN STAGE 2. (EXISTING RAMP NW TRAFFIC SHALL CONTINUE TO EXIT FROM WB I-90/94 MAINLINE AUXILIARY LANE ONTO EXISTING RAMP NW VIA TEMPORARY PAVEMENT CONSTRUCTED IN STAGE 1).
  - o AT WEST APPROACH LIMITS, REDUCE RAMP TO 12 FOOT LANE WITH 1 FOOT SHY DISTANCE TO THE FACE OF TEMPORARY CONCRETE BARRIER ON SOUTH SIDE OF RAMP. (FOR TEMPORARY PAVEMENT CONSTRUCTION)
- RAMP NE
  - o CONTINUE RAMP CLOSURE AS ESTABLISHED IN STAGE 2.
  - o COORDINATION WITH CONTRACT 60W71 REQUIRED.
- RAMP SW
  - o REDUCE RAMP TO 12 FOOT LANE WITH 1 FOOT SHY DISTANCE TO THE FACE OF TEMPORARY CONCRETE BARRIER ON NORTH SIDE OF RAMP. (FOR TEMPORARY PAVEMENT CONSTRUCTION)

**STAGE 3A CONTINUED**

- TAYLOR ST ENTRANCE RAMP (I-90/94 WB)
  - o CONTINUE RAMP CLOSURE AND DETOUR AS ESTABLISHED IN STAGE 2.
  - o COORDINATION WITH CONTRACT 60W30 REQUIRED.
- 18<sup>TH</sup> STREET ENTRANCE RAMP (I-90/94 WB)
  - o MAINTAIN LANE RESTRICTIONS AS ESTABLISHED IN STAGE 2.
- ROOSEVELT ROAD EXIT RAMP (I-90/94 WB)
  - o MAINTAIN LANE RESTRICTIONS AS ESTABLISHED IN STAGE 2.
- ROOSEVELT ROAD ENTRANCE RAMP (I-90/94 WB)
  - o MAINTAIN RAMP CLOSURE AND LANE RESTRICTIONS AS ESTABLISHED IN STAGE 2.
  - o TRAFFIC SHALL USE PROVIDED DETOUR AS OUTLINED IN THE PLANS.
- MORGAN ST EXIT RAMP (I-290 EB)
  - o UPON REMOVAL OF CONTRACT 60W26 AND CONTRACT 60W29 RAMP CLOSURE, CONTINUE MORGAN ST EXIT RAMP CLOSURE AS OUTLINED IN THE PLANS. COORDINATION WITH CONTRACT 60W26 AND CONTRACT 60W29 REQUIRED.
  - o TRAFFIC SHALL USE PROVIDED DETOUR AS OUTLINED IN THE PLANS.
  - o ADDITIONAL COORDINATION WITH FUTURE CONTRACT 60X61 REQUIRED.

MAINTENANCE OF TRAFFIC ON LOCAL STREETS

- ROOSEVELT, TAYLOR, HARRISON, HALSTED, PEORIA AND MORGAN STREETS.
  - o MAINTAIN EXISTING TRAVEL LANES.

CONSTRUCTION TO BE COMPLETED IN STAGE 3A

- CONTINUE SITE GRADING ON NORTH SIDE OF I-290 WEST OF HALSTED ST. (COORDINATION WITH CONTRACT 60W26 AND CONTRACT 60W29 REQUIRED)
- CONTINUE CONSTRUCTION OF RETAINING WALL #40 (SN 016-1809). (COORDINATION WITH CONTRACT 60W26 REQUIRED)
- COMPLETE CONSTRUCTION OF PIER #1, PIER #2, PIER #3, PIER #4, PIER #5, PIER #6, PIER #7, PIER #8, PIER #9, AND SOUTH ABUTMENT FOR SN 016-1705. (COORDINATION WITH CONTRACT 60W71 REQUIRED)
- REMOVE, STORE, PROTECT AND REINSTALL 100 FT. CCTV CAMERA POLE AS SHOWN IN THE PLANS. (CAMERA POLE REMOVAL IS TO FACILITATE GIRDER ERECTION AND BRIDGE CONSTRUCTION).
- BEGIN GIRDER ERECTION AND SUPERSTRUCTURE CONSTRUCTION FOR SN 016-1705. (COORDINATION WITH CONTRACT 60W71 REQUIRED). FOR DETAILED GIRDER ERECTION INFORMATION AND RESTRICTIONS, SEE SPECIAL PROVISIONS AND RELATED PLAN SHEETS.
- CONTINUE CONSTRUCTION OF RETAINING WALL #1 (SN 016-1720)
- CONTINUE RECONSTRUCTION OF RAMP NW/RAMP NE C-D ROAD AND PROPOSED SOUTH BRIDGE APPROACH WORK TO THE EXTENT SHOWN ON THE PLANS.
- CONTINUE TAYLOR ST. ENTRANCE RAMP REMOVALS AND CONSTRUCTION TO THE EXTENT SHOWN ON THE PLANS
- CONTINUE ROOSEVELT RD. NB ENTRANCE RAMP RECONSTRUCTION TO THE EXTENT SHOWN ON THE PLANS.
- CONTINUE REMOVAL OF RAMP NE BRIDGE (SN 016-2451), PIERS, AND ABUTMENTS TO THE EXTENT SHOWN IN THE PLANS.
- BEGIN CONSTRUCTION OF PIER #10 FOR SN 016-1705. SEE SPECIAL PROVISIONS FOR PIER CONSTRUCTION INFORMATION AND RESTRICTIONS.
- CONSTRUCT SOUTH SIDE RAMP NW TEMPORARY PAVEMENT AT WEST APPROACH FOR FUTURE STAGE MAINTENANCE OF TRAFFIC OPERATIONS. WORK SHALL NOT COMMENCE UNTIL CONTRACT 60W26 AND CONTRACT 60W29 LANE RESTRICTIONS ON I-290 ARE REMOVED. (COORDINATE WORK WITH CONTRACT 60W26 AND CONTRACT 60W29)

**STAGE 3B1**

MAINTENANCE OF TRAFFIC ALONG I-90/94 MAINLINE

- WB I-90/94
  - o MAINTAIN LANE CLOSURES AND RESTRICTIONS AS ESTABLISHED IN STAGE 2. (COORDINATION WITH CONTRACT 60W71 AND CONTRACT 60W30 REQUIRED)
- EB I-90/94
  - o MAINTAIN TRAVEL LANE REDUCTIONS AS ESTABLISHED IN STAGE 1. (FOR SN 016-1705, PIER #7 CONSTRUCTION)

MAINTENANCE OF TRAFFIC ALONG I-290 MAINLINE

- WB I-290
  - o MAINTAIN LANE CLOSURES AND RESTRICTIONS AS ESTABLISHED IN STAGE 3A.
  - o ADDITIONAL COORDINATION WITH FUTURE CONTRACT 60X61 REQUIRED.
- EB I-290
  - o MAINTAIN EXISTING TRAVEL LANES

MAINTENANCE OF TRAFFIC ON RAMP NW/RAMP NE C-D ROAD

- MAINTAIN ROAD CLOSURES AND RESTRICTIONS AS ESTABLISHED IN STAGE 2. (COORDINATION WITH CONTRACT 60W71 REQUIRED)

**STAGE 3B1 CONTINUED**

MAINTENANCE OF TRAFFIC ON MAINLINE RAMPS NEAR RAMP NW

- EXISTING RAMP NW
  - o AT SOUTH APPROACH, MAINTAIN TRAVEL LANE REDUCTIONS AS ESTABLISHED IN STAGE 2. (EXISTING RAMP NW TRAFFIC SHALL CONTINUE TO EXIT FROM WB I-90/94 MAINLINE AUXILIARY LANE ONTO EXISTING RAMP NW VIA TEMPORARY PAVEMENT CONSTRUCTED IN STAGE 1).
  - o AT WEST APPROACH LIMITS, RELOCATE RAMP TRAFFIC TO TEMPORARY PAVEMENT CONSTRUCTED ON THE SOUTH SIDE OF THE RAMP IN STAGE 3A. CONTINUE 11 FOOT LANE RESTRICTION WITH 1 FOOT SHY DISTANCE TO THE FACE OF TEMPORARY CONCRETE BARRIER ON NORTH AND SOUTH SIDE OF RAMP. (FOR SN 016-1705, PIER #11 CONSTRUCTION)
- RAMP NE
  - o CONTINUE RAMP CLOSURE AS ESTABLISHED IN STAGE 2.
  - o COORDINATION WITH CONTRACT 60W71 REQUIRED.
- RAMP SW
  - o SHIFT RAMP TRAFFIC SLIGHTLY SOUTH & CONTINUE RAMP LANE REDUCTION TO 12 FOOT LANE WITH 1 FOOT SHY DISTANCE TO THE FACE OF TEMPORARY CONCRETE BARRIER ON SOUTH AND NORTH SIDE OF RAMP. (FOR TEMPORARY RAMP SW WIDENING WORK ON NORTHSIDE OF RAMP)
  - o ADDITIONAL COORDINATION WITH FUTURE CONTRACT 60X61 REQUIRED.
- TAYLOR ST ENTRANCE RAMP (I-90/94 WB)
  - o CONTINUE RAMP CLOSURE AND DETOUR AS ESTABLISHED IN STAGE 2.
  - o COORDINATION WITH CONTRACT 60W30 REQUIRED.
- 18<sup>TH</sup> STREET ENTRANCE RAMP (I-90/94 WB)
  - o MAINTAIN LANE RESTRICTIONS AS ESTABLISHED IN STAGE 2.
- ROOSEVELT ROAD EXIT RAMP (I-90/94 WB)
  - o MAINTAIN LANE RESTRICTIONS AS ESTABLISHED IN STAGE 2.
- ROOSEVELT ROAD ENTRANCE RAMP (I-90/94 WB)
  - o MAINTAIN RAMP CLOSURE AND LANE RESTRICTIONS AS ESTABLISHED IN STAGE 2.
  - o TRAFFIC SHALL USE PROVIDED DETOUR AS OUTLINED IN THE PLANS.
- MORGAN ST EXIT RAMP (I-290 EB)
  - o CONTINUE MORGAN ST EXIT RAMP CLOSURE AS OUTLINED IN THE PLANS.
  - o TRAFFIC SHALL USE PROVIDED DETOUR AS OUTLINED IN THE PLANS.
  - o ADDITIONAL COORDINATION WITH FUTURE CONTRACT 60X61 REQUIRED.

MAINTENANCE OF TRAFFIC ON LOCAL STREETS

- ROOSEVELT, TAYLOR, HARRISON, HALSTED, PEORIA AND MORGAN STREETS.
  - o MAINTAIN EXISTING TRAVEL LANES.

CONSTRUCTION TO BE COMPLETED IN STAGE 3B1

- CONTINUE SITE GRADING ON NORTH SIDE OF I-290 WEST OF HALSTED ST.
- CONTINUE CONSTRUCTION OF RETAINING WALL #40 (SN 016-1809).
- CONTINUE GIRDER ERECTION AND SUPERSTRUCTURE CONSTRUCTION FOR SN 016-1705. (COORDINATION WITH CONTRACT 60W71 REQUIRED). FOR DETAILED GIRDER ERECTION INFORMATION AND RESTRICTIONS, SEE SPECIAL PROVISIONS AND RELATED PLAN SHEETS.
- CONTINUE RECONSTRUCTION OF RAMP NW/RAMP NE C-D ROAD AND PROPOSED SOUTH BRIDGE APPROACH WORK TO THE EXTENT SHOWN ON THE PLANS.
- CONTINUE TAYLOR ST. ENTRANCE RAMP REMOVALS AND CONSTRUCTION TO THE EXTENT SHOWN ON THE PLANS.
- CONTINUE ROOSEVELT RD. NB ENTRANCE RAMP RECONSTRUCTION TO THE EXTENT SHOWN ON THE PLANS.
- CONTINUE REMOVAL OF RAMP NE BRIDGE (SN 016-2451), PIERS, AND ABUTMENTS TO THE EXTENT SHOWN IN THE PLANS.
- CONSTRUCT NORTHSIDE RAMP SW TEMPORARY PAVEMENT BETWEEN HALSTED ST. & PEORIA ST. FOR FUTURE STAGE MAINTENANCE OF TRAFFIC OPERATIONS. ALL REMOVALS FOR THIS WORK SHALL BE AS INDICATED IN THE PLANS.

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN			
NARRATIVE			
SCALE:	SHEET 2 OF 4 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	95
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	

## STAGING NARRATIVE

### STAGE 3B2

#### MAINTENANCE OF TRAFFIC ALONG I-90/94 MAINLINE

- WB I-90/94
  - o MAINTAIN LANE CLOSURES AND RESTRICTIONS AS ESTABLISHED IN STAGE 2. (COORDINATION WITH CONTRACT 60W71 AND CONTRACT 60W30 REQUIRED)
- EB I-90/94
  - o MAINTAIN TRAVEL LANE REDUCTIONS AS ESTABLISHED IN STAGE 1. (FOR SN 016-1705, PIER #7 CONSTRUCTION)

#### MAINTENANCE OF TRAFFIC ALONG I-290 MAINLINE

- WB I-290
  - o MAINTAIN LANE CLOSURES AND RESTRICTIONS AS ESTABLISHED IN STAGE 3A.
  - o ADDITIONAL COORDINATION WITH FUTURE CONTRACT 60X61 REQUIRED.
- EB I-290
  - o MAINTAIN EXISTING TRAVEL LANES

#### MAINTENANCE OF TRAFFIC ON RAMP NW/RAMP NE C-D ROAD

- MAINTAIN ROAD CLOSURES AND RESTRICTIONS AS ESTABLISHED IN STAGE 2. (COORDINATION WITH CONTRACT 60W71 REQUIRED)

#### MAINTENANCE OF TRAFFIC ON MAINLINE RAMPS NEAR RAMP NW

- EXISTING RAMP NW
  - o AT SOUTH APPROACH, MAINTAIN TRAVEL LANE REDUCTIONS AS ESTABLISHED IN STAGE 2. (EXITING RAMP NW TRAFFIC SHALL CONTINUE TO EXIT FROM WB I-90/94 MAINLINE AUXILIARY LANE ONTO EXISTING RAMP NW VIA TEMPORARY PAVEMENT CONSTRUCTED IN STAGE 1).
  - o AT WEST APPROACH LIMITS, MAINTAIN TRAVEL LANE RESTRICTIONS AS ESTABLISHED IN STAGE 3B1. CONTINUE 11 FOOT LANE RESTRICTION WITH 1 FOOT SHY DISTANCE TO THE FACE OF TEMPORARY CONCRETE BARRIER ON NORTH AND SOUTH SIDE OF RAMP. (FOR MAIN DRAIN PIPE JACKING AND BORING AND SN 016-1705, PIER #11 CONSTRUCTION)
  - o ADDITIONAL COORDINATION WITH FUTURE CONTRACT 60X61 REQUIRED.
- RAMP NE
  - o CONTINUE RAMP CLOSURE AS ESTABLISHED IN STAGE 2.
  - o COORDINATION WITH CONTRACT 60W71 REQUIRED.
- RAMP SW
  - o SHIFT RAMP TRAFFIC SLIGHTLY NORTH UTILIZING TEMPORARY PAVEMENT CONSTRUCTED IN STAGE 3B1 AS SHOWN IN THE PLANS. CONTINUE RAMP LANE REDUCTION TO 12 FOOT LANE WITH 1 FOOT SHY DISTANCE TO THE FACE OF TEMPORARY CONCRETE BARRIER ON SOUTH AND NORTH SIDE OF RAMP. (FOR 78" MAIN DRAIN SEWER PIPE JACKING AND BORING CONSTRUCTION)
  - o ADDITIONAL COORDINATION WITH FUTURE CONTRACT 60X61 REQUIRED.
- TAYLOR ST ENTRANCE RAMP (I-90/94 WB)
  - o CONTINUE RAMP CLOSURE AND DETOUR AS ESTABLISHED IN STAGE 2.
  - o COORDINATION WITH CONTRACT 60W30 REQUIRED.
- 18<sup>TH</sup> STREET ENTRANCE RAMP (I-90/94 WB)
  - o MAINTAIN LANE RESTRICTIONS AS ESTABLISHED IN STAGE 2.
- ROOSEVELT ROAD EXIT RAMP (I-90/94 WB)
  - o MAINTAIN LANE RESTRICTIONS AS ESTABLISHED IN STAGE 2.
- ROOSEVELT ROAD ENTRANCE RAMP (I-90/94 WB)
  - o MAINTAIN RAMP CLOSURE AND LANE RESTRICTIONS AS ESTABLISHED IN STAGE 2.
  - o TRAFFIC SHALL USE PROVIDED DETOUR AS OUTLINED IN THE PLANS.
- MORGAN ST EXIT RAMP (I-290 EB)
  - o CONTINUE MORGAN ST EXIT RAMP CLOSURE AS OUTLINED IN THE PLANS.
  - o TRAFFIC SHALL USE PROVIDED DETOUR AS OUTLINED IN THE PLANS.
  - o ADDITIONAL COORDINATION WITH FUTURE CONTRACT 60X61 REQUIRED.

#### MAINTENANCE OF TRAFFIC ON LOCAL STREETS

- ROOSEVELT, TAYLOR, HARRISON, HALSTED, PEORIA AND MORGAN STREETS.
  - o MAINTAIN EXISTING TRAVEL LANES.

#### CONSTRUCTION TO BE COMPLETED IN STAGE 3B2

- CONTINUE SITE GRADING ON NORTH SIDE OF I-290 WEST OF HALSTED ST.
- CONTINUE CONSTRUCTION OF RETAINING WALL #40 (SN 016-1809).
- BEGIN CONSTRUCTION OF PIER #11 FOR SN 016-1705. SEE SPECIAL PROVISIONS FOR PIER CONSTRUCTION INFORMATION AND RESTRICTIONS.
- CONTINUE GIRDER ERECTION AND SUPERSTRUCTURE CONSTRUCTION FOR SN 016-1705. (COORDINATION WITH CONTRACT 60W71 REQUIRED). FOR DETAILED GIRDER ERECTION INFORMATION AND RESTRICTIONS, SEE SPECIAL PROVISIONS AND RELATED PLAN SHEETS.
- COMPLETE PIER #10 CONSTRUCTION.
- COMPLETE CONSTRUCTION OF RETAINING WALL #1 (SN 016-1720)
- CONTINUE RECONSTRUCTION OF RAMP NW/RAMP NE C-D ROAD AND PROPOSED SOUTH BRIDGE APPROACH WORK TO THE EXTENT SHOWN ON THE PLANS.

### STAGE 3B2 CONTINUED

- CONTINUE TAYLOR ST. ENTRANCE RAMP REMOVALS AND CONSTRUCTION TO THE EXTENT SHOWN ON THE PLANS.
- CONTINUE ROOSEVELT RD. NB ENTRANCE RAMP RECONSTRUCTION TO THE EXTENT SHOWN ON THE PLANS.
- CONTINUE REMOVAL OF RAMP NE BRIDGE (SN 016-2451), PIERS, AND ABUTMENTS TO THE EXTENT SHOWN IN THE PLANS.
- BEGIN AND COMPLETE PIPE JACKING AND BORING CONSTRUCTION OF 78" MAIN DRAIN SEWER SEGMENT "P-MD1A" AS SHOWN IN THE PLANS. INSTALLATION OF SEWER SEGMENT "P-MD1A" MUST BE COMPLETED PRIOR TO CONSTRUCTION OF RETAINING WALL #3 (SN 016-1722)
- BEGIN 78" MAIN DRAIN SEWER CONSTRUCTION OF SEGMENT "P-MD1" VIA OPEN CUT TRENCH & BACKFILL METHODS FROM MANHOLE S-MD1 TO MANHOLE S-MD2 AS SHOWN IN THE PLANS.
- CONSTRUCT SOUTH SIDE RAMP SW TEMPORARY PAVEMENT FOR FUTURE STAGE MAINTENANCE OF TRAFFIC OPERATIONS AS SHOWN IN THE PLANS.

### STAGE 3C

#### MAINTENANCE OF TRAFFIC ALONG I-90/94 MAINLINE

- WB I-90/94
  - o MAINTAIN LANE CLOSURES AND RESTRICTIONS AS ESTABLISHED IN STAGE 2.
  - o COORDINATION WITH CONTRACT 60W30 REQUIRED.
- EB I-90/94
  - o MAINTAIN TRAVEL LANE REDUCTIONS AS ESTABLISHED IN STAGE 1. (FOR SN 016-1705, PIER #7 CONSTRUCTION)

#### MAINTENANCE OF TRAFFIC ALONG I-290 MAINLINE

- WB I-290
  - o MAINTAIN LANE CLOSURES AND RESTRICTIONS AS ESTABLISHED IN STAGE 3A.
  - o ADDITIONAL COORDINATION WITH FUTURE CONTRACT 60X61 REQUIRED.
- EB I-290
  - o MAINTAIN EXISTING TRAVEL LANES

#### MAINTENANCE OF TRAFFIC ON RAMP NW/RAMP NE C-D ROAD

- MAINTAIN ROAD CLOSURES AND RESTRICTIONS AS ESTABLISHED IN STAGE 2.

#### MAINTENANCE OF TRAFFIC ON MAINLINE RAMPS NEAR RAMP NW

- EXISTING RAMP NW
  - o AT SOUTH APPROACH, MAINTAIN TRAVEL LANE REDUCTIONS AS ESTABLISHED IN STAGE 2. (EXITING RAMP NW TRAFFIC SHALL CONTINUE TO EXIT FROM WB I-90/94 MAINLINE AUXILIARY LANE ONTO EXISTING RAMP NW VIA TEMPORARY PAVEMENT CONSTRUCTED IN STAGE 1).
  - o AT WEST APPROACH LIMITS, MAINTAIN RAMP TRAFFIC ON TEMPORARY PAVEMENT CONSTRUCTED ON THE SOUTH SIDE OF THE RAMP IN STAGE 3A. CONTINUE 11 FOOT LANE RESTRICTION WITH 1 FOOT SHY DISTANCE TO THE FACE OF TEMPORARY CONCRETE BARRIER ON NORTH AND SOUTH SIDE OF RAMP. (FOR SN 016-1705, PIER #11 CONSTRUCTION)
  - o ADDITIONAL COORDINATION WITH FUTURE CONTRACT 60X61 REQUIRED.
- RAMP NE
  - o CONTINUE RAMP CLOSURE AS ESTABLISHED IN STAGE 2.
- RAMP SW
  - o RELOCATE RAMP TRAFFIC TO TEMPORARY PAVEMENT CONSTRUCTED ON THE SOUTH SIDE OF THE RAMP IN STAGE 3B2. CONTINUE 11 FOOT LANE RESTRICTION WITH 1 FOOT SHY DISTANCE TO THE FACE OF TEMPORARY CONCRETE BARRIER ON NORTH AND SOUTH SIDE OF RAMP. (FOR SN 016-1705, PIER #12 AND WEST ABUTMENT CONSTRUCTION)
- TAYLOR ST ENTRANCE RAMP (I-90/94 WB)
  - o CONTINUE RAMP CLOSURE AND DETOUR AS ESTABLISHED IN STAGE 2.
  - o COORDINATION WITH CONTRACT 60W30 REQUIRED.
- 18<sup>TH</sup> STREET ENTRANCE RAMP (I-90/94 WB)
  - o MAINTAIN LANE RESTRICTIONS AS ESTABLISHED IN STAGE 2.
- ROOSEVELT ROAD EXIT RAMP (I-90/94 WB)
  - o MAINTAIN LANE RESTRICTIONS AS ESTABLISHED IN STAGE 2.
- ROOSEVELT ROAD ENTRANCE RAMP (I-90/94 WB)
  - o MAINTAIN RAMP CLOSURE AND LANE RESTRICTIONS AS ESTABLISHED IN STAGE 2.
  - o TRAFFIC SHALL USE PROVIDED DETOUR AS OUTLINED IN THE PLANS.
- MORGAN ST EXIT RAMP (I-290 EB)
  - o CONTINUE MORGAN ST EXIT RAMP CLOSURE AS OUTLINED IN THE PLANS.
  - o TRAFFIC SHALL USE PROVIDED DETOUR AS OUTLINED IN THE PLANS.
  - o ADDITIONAL COORDINATION WITH FUTURE CONTRACT 60X61 REQUIRED.

### STAGE 3C CONTINUED

#### MAINTENANCE OF TRAFFIC ON LOCAL STREETS

- ROOSEVELT, TAYLOR, HARRISON, HALSTED, PEORIA AND MORGAN STREETS.
  - o MAINTAIN EXISTING TRAVEL LANES.

#### CONSTRUCTION TO BE COMPLETED IN STAGE 3C

- COMPLETE SITE GRADING ON NORTH SIDE OF I-290 WEST OF HALSTED ST.
- COMPLETE CONSTRUCTION OF RETAINING WALL #40 (SN 016-1809).
- COMPLETE CONSTRUCTION OF PIER #11 FOR SN 016-1705.
- BEGIN AND COMPLETE CONSTRUCTION OF PIER #12 AND WEST ABUTMENT FOR SN 016-1705. SEE SPECIAL PROVISIONS FOR PIER CONSTRUCTION INFORMATION AND RESTRICTIONS.
- BEGIN AND COMPLETE CONSTRUCTION OF RETAINING WALL #3 (SN 016-1722).
- BEGIN AND COMPLETE CONSTRUCTION OF RETAINING WALL #4 (SN 016-1723).
- BEGIN AND COMPLETE NOISE ABATEMENT WALL CONSTRUCTION ON NORTH SIDE OF I-290 WEST OF HALSTED ST.
- BEGIN AND COMPLETE I-290 WB AUXILIARY LANE CONSTRUCTION AND PROPOSED WEST BRIDGE APPROACH WORK TO THE EXTENT SHOWN ON THE PLANS.
- COMPLETE GIRDER ERECTION AND SUPERSTRUCTURE CONSTRUCTION FOR SN 016-1705. FOR DETAILED GIRDER ERECTION INFORMATION AND RESTRICTIONS, SEE SPECIAL PROVISIONS AND RELATED PLAN SHEETS.
- BEGIN AND COMPLETE ITS RAMP METERING AND DETECTION AND OTHER ITS WORK TO THE EXTENT SHOWN IN THE PLANS. ITS RAMP METERING AND DETECTION MUST BE COMPLETED PRIOR TO THE OPENING OF THE ASSOCIATED IMPACTED RAMPS TO TRAFFIC.
- COMPLETE 78" MAIN DRAIN SEWER CONSTRUCTION OF SEGMENT "P-MD1" VIA OPEN CUT TRENCH & BACKFILL METHODS FROM MANHOLE S-MD1 TO MANHOLE S-MD2.
- COMPLETE TAYLOR ST. ENTRANCE RAMP CONSTRUCTION TO THE EXTENT SHOWN ON THE PLANS.
- COMPLETE ROOSEVELT RD. NB ENTRANCE RAMP RECONSTRUCTION TO THE EXTENT SHOWN ON THE PLANS.
- COMPLETE REMOVAL OF RAMP NE BRIDGE (SN 016-2451), PIERS, AND ABUTMENTS TO THE EXTENT SHOWN IN THE PLANS.

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USER NAME = chiuo	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/28/2014	DATE - 04/28/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN			
NARRATIVE			
SCALE:	SHEET 3	OF 4 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	96
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	

**STAGING NARRATIVE**

**STAGE 4**

MAINTENANCE OF TRAFFIC ALONG I-90/94 MAINLINE

- WB I-90/94
  - o AT THE I-55 TO WB I-90/94 ENTRANCE RAMP, RE-OPEN ENTRANCE RAMP LANE CLOSED IN STAGE 2. MAINTAIN TWO (2) ENTRANCE RAMP LANES AT THIS LOCATION.
  - o NEAR ROOSEVELT RD., RE-OPEN DEDICATED RAMP AUXILIARY LANE CLOSED IN STAGE 2 AS SHOWN IN THE PLANS.
  - o NEAR ROOSEVELT RD., STRIPE MAINLINE I-90/94 WB TO PROVIDE FOR A TWO (2)-12 FOOT LANE EXIT TO RE-OPENED RAMP NW/RAMP NE C-D ROAD
  - o AFTER RAMP NW/RAMP NE EXIT, PROVIDE AND MAINTAIN THREE (3) 12 FOOT MAINLINE THROUGH TRAVEL LANES AS SHOWN IN THE PLANS.
- EB I-90/94
  - o REMOVE MAINLINE TRAVEL LANE REDUCTIONS ESTABLISHED IN STAGE 1.
  - o NEAR JACKSON ST. BRIDGE, REDUCE EXISTING THREE (3) MAINLINE TRAVEL LANES TO 11 FOOT LANES WITH 1 FOOT SHY DISTANCE TO THE FACE OF TEMPORARY CONCRETE BARRIER ON EAST SIDE (FOR EXISTING RAMP NW PIER REMOVAL)

MAINTENANCE OF TRAFFIC ALONG I-290 MAINLINE

- WB I-290
  - o REMOVE LANE CLOSURES AND RESTRICTIONS ESTABLISHED IN STAGE 3A.
  - o MAINTAIN EXISTING TWO (2) 12 FOOT THROUGH LANES DEPARTING DOWNTOWN WEST OF DES PLAINES ST.
  - o ADDITIONAL COORDINATION WITH FUTURE CONTRACT 60X61 REQUIRED.
- EB I-290
  - o MAINTAIN EXISTING TRAVEL LANES

MAINTENANCE OF TRAFFIC ON RAMP NW/RAMP NE C-D ROAD

- REMOVE RAMP CLOSURE ESTABLISHED IN STAGE 2 JUST NORTH OF THE ROOSEVELT RD. EXIT RAMP.
- NEAR ROOSEVELT RD., STRIPE MAINLINE I-90/94 WB TO PROVIDE FOR A TWO (2)-12 FOOT LANE EXIT TO RE-OPENED RAMP NW/RAMP NE C-D ROAD.
- RE-OPEN AND STRIPE 16 FOOT ROOSEVELT ENTRANCE RAMP TO RAMP NW/NE C-D ROAD AS SHOWN IN THE PLANS.
- AT POLK ST., REDUCE THREE (3) RAMP TRAVEL LANES TO TWO (2) MAINLINE RAMP LANES VIA OUTSIDE LANE CLOSURE. (FOR RAMP NE CLOSURE)
- AT POLK ST., REDUCE TWO (2) RAMP LANES TO 11 FOOT LANES. (FOR RAMP NE CLOSURE)
- MAINTAIN RAMP NE CLOSURE AS ESTABLISHED IN STAGE 2.
- RAMP NE TRAFFIC SHALL USE PROVIDED DETOUR AS OUTLINED IN THE PLANS.

MAINTENANCE OF TRAFFIC ON MAINLINE RAMPS NEAR RAMP NW

- EXISTING RAMP NW
  - o RAMP TRAFFIC TO NOW USE NEW RAMP NW FLYOVER.
  - o EXISTING RAMP NW CANNOT BE CLOSED AND REMOVED UNTIL THE NEW RAMP NW FLYOVER HAS BEEN COMPLETED AND OPENED TO TRAFFIC AND FUTURE CONTRACT 60X61 HAS BEEN SUBSTANTIALLY COMPLETED INCLUDING THE OPENING OF THE RAMP NW FLYOVER AUXILIARY LANES ALONG I-290 WB.
  - o CLOSE TEMPORARY EXIT FROM WB I-90/94 MAINLINE AUXILIARY LANE ONTO EXISTING RAMP NW ESTABLISHED IN STAGE 2. (OLD RAMP NW TO BE REMOVED)
- RAMP NE
  - o CONTINUE RAMP CLOSURE AS ESTABLISHED IN STAGE 2.
  - o RE-SIGN RAMP CLOSURE (ON NEW RAMP NW/RAMP NE C-D ROAD) AND RAMP NE DETOUR AS OUTLINED IN THE PLANS FOR THIS STAGE.
  - o RAMP NE TRAFFIC SHALL USE PROVIDED DETOUR AS OUTLINED IN THE PLANS
- RAMP SW
  - o RELOCATE RAMP TRAFFIC SLIGHTLY NORTHWARD AND CONTINUE 11 FOOT LANE RESTRICTION WITH 1 FOOT SHY DISTANCE TO THE FACE OF TEMPORARY CONCRETE BARRIER ON SOUTH SIDE OF RAMP. (FOR EXISTING RAMP NW PAVEMENT REMOVAL).
  - o RE-STRIPE GORE AREA BETWEEN RELOCATED RAMP SW AND WB I-290 MAINLINE AS SHOWN IN THE PLANS.
- TAYLOR ST ENTRANCE RAMP (I-90/94 WB)
  - o RE-OPEN AND RE-STRIPE RAMP AND GORE AREA AS SHOWN IN THE PLANS TO ACCOMMODATE 14 FOOT RAMP LANE AND THREE (3) MAINLINE THROUGH TRAVEL LANES ON I-90/94 WB.
- 18<sup>TH</sup> STREET ENTRANCE RAMP (I-90/94 WB)
  - o RE-STRIPE EXISTING RAMP TO SHOW 16 FOOT LANE AS SHOWN IN THE PLANS.
  - o RE-STRIPE RAMP GORE AREA TO ACCOMMODATE FIVE (5) MAINLINE THROUGH LANES AS SHOWN IN THE PLANS.
  - o RE-OPEN DEDICATED RAMP AUXILIARY LANE/OUTSIDE LANE CLOSED IN STAGE 2 AS SHOWN IN THE PLANS.

**STAGE 4 CONTINUED**

- ROOSEVELT ROAD EXIT RAMP (I-90/94 WB)
  - o NEAR ROOSEVELT RD., RE-OPEN DEDICATED RAMP AUXILIARY LANE CLOSED IN STAGE 2 AS SHOWN IN THE PLANS.
  - o REDUCE RAMP AUXILIARY LANE TO 12 FEET IN WIDTH.
  - o REDUCE EXISTING RAMP TO 16 FOOT LANE AS SHOWN IN THE PLANS.
- ROOSEVELT ROAD ENTRANCE RAMP (I-90/94 WB)
  - o RE-OPEN ENTRANCE RAMP CLOSED IN STAGE 2.
  - o STRIPE AND MAINTAIN 16 FOOT LANE ENTRANCE RAMP AS SHOWN IN THE PLANS.
- MORGAN ST EXIT RAMP (I-290 EB)
  - o CONTINUE MORGAN ST EXIT RAMP CLOSURE AS OUTLINED IN THE PLANS.
  - o TRAFFIC SHALL USE PROVIDED DETOUR AS OUTLINED IN THE PLANS.
  - o ADDITIONAL COORDINATION WITH FUTURE CONTRACT 60X61 REQUIRED.

MAINTENANCE OF TRAFFIC ON LOCAL STREETS

- ROOSEVELT, TAYLOR, HARRISON, HALSTED, PEORIA AND MORGAN STREETS.
  - o MAINTAIN EXISTING TRAVEL LANES.

CONSTRUCTION TO BE COMPLETED IN STAGE 4

- REMOVE OLD RAMP NW TO THE EXTENT SHOWN IN THE PLANS. REMOVAL OF OLD RAMP NW MUST NOT TAKE PLACE UNTIL:
  - o NEW RAMP NW FLYOVER HAS BEEN COMPLETED AND OPENED TO TRAFFIC, AND,
  - o FUTURE CONTRACT 60X61 HAS BEEN SUBSTANTIALLY COMPLETED (INCLUDING THE OPENING OF THE RAMP NW FLYOVER AUXILIARY LANES ALONG I-290 WB).
- MILL AND RESURFACE RAMP SW TO THE EXTENT SHOWN IN THE PLANS.
  - o SEE "STAGING AND INTERCHANGE RESTRICTIONS" AND "KEEPING EXPRESSWAYS OPEN TO TRAFFIC" SPECIAL PROVISIONS FOR INFORMATION AND RESTRICTIONS.
- REMOVE ALL TEMPORARY PAVEMENTS TO THE EXTENT SHOWN IN THE PLANS.
- RE-SIGN RAMP NE CLOSURE (ON NEW RAMP NW/RAMP NE C-D ROAD) AND RAMP NE DETOUR AS OUTLINED IN THE PLANS FOR THIS STAGE.
- COMPLETE ALL SITE GRADING, DRAINAGE AND SEEDING ACTIVITIES.

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USER NAME = chiuo	DRAWN -	REVISED -
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PLOT DATE = 4/28/2014	DATE - 04/28/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN			
NARRATIVE			
SCALE:	SHEET 4	OF 4 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	96A
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL SCHEDULE**

STAGE	SHEET	SUBBASE GRANULAR MATERIAL, TYPE B 4"	BITUMINOUS MATERIALS (PRIME COAT)	PROTECTIVE COAT	TEMPORARY PAVEMENT	WORK ZONE PAVEMENT MARKING REMOVAL	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	SHORT TERM PAVEMENT MARKING	PAVEMENT MARKING REMOVAL	TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	TEMPORARY EPOXY PAVEMENT MARKING - LINE 4"	TEMPORARY EPOXY PAVEMENT MARKING - LINE 5"	TEMPORARY EPOXY PAVEMENT MARKING - LINE 8"	TEMPORARY EPOXY PAVEMENT MARKING - LINE 12"	TEMPORARY EPOXY PAVEMENT MARKING - LETTER AND SYMBOLS	OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	RELOCATE SIGN PANEL - TYPE 3	SIGN PANEL OVERLAY	WOOD SIGN SUPPORT	TEMPORARY INFORMATION SIGNING	PAVEMENT REMOVAL	
STAGE DETOUR		SO YD	POUND	SO YD	SO YD	SO FT	EACH	EACH	FOOT	SO FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SO FT	FOOT	SO FT	SO FT	FOOT	SO FT	SO YD	
STAGE 1	1																						395	
	2																							
	3																							
	4																							
	5																							
	6																							
	7	922	800.0	922	922	363	5		8,154	939	1638.0		4,077	719										
	8								192	32	100.0		96											
	9									679														
	10																							
	11							1	3,042		100.0		1,521	390										
	12																							
	13																							
WATER MAIN STAGING - RAMP SW CLOSURE	1						1				212.5		287								36			
	2																							
	3																							
	4																							
	5																							
STAGE 2	0																							
	1								1,518	393			759		30									
	2								1,904	491			952		755									
	3									579					520									
	4								298	1,666			149		1,514									
	5							1	3,488	1,734		1,744	261	37	2,744	261	37	20	165	48	42	103		
	6					882	1		3,180	308	25.0	512.5	1,590	698	448	50	109					9		
	7					1,151			4,840	94	75.0	475.0	2,420	653	783		37							
	8							1																
	9																							
10					150			684				342	86											
11																								
12																								
13																								
STAGE 3A	0																							
	1																							
	2																							
	3																							
	4																							
	5																							
	6																							
7																								
8	1,806	1600.0	1,806	1,806	339		3	3,034	64			1,517	190											
9					2,427			6,716	314	1175.0	837.5	3,358	508	2,192	154							20		
10								2,664	362			1,332	308											
11					217			2,072				1,036												
12																								
13						101		1,998	456			999	76	1,930	229					13				
STAGE 3B-1	1					346		3	2,130			1,065												
	2	321	400.0	321	321	2,715			2,278		500.0	1187.5	1,139	54	2,007	74								
STAGE 3B-2	0																							
	1																							
	2																							
	3																							
	4																							
	5																							
	6																							
	7																							
	8	621	600.0	621	621	1,452		2	5,352	480	313.0	1300.0	2,676		1,134	139								
	9					190				82			245		477	22								
	10					14	1		412				206											
	11																							
	12																							
13																								
STAGE 3C	0																							
	1																							
	2																							
	3																							
	4																							
	5																							
	6																							
7																								
8						3,386		2	1,374		125.0	1750.0	687	211	1,469	82						1,181		
9					503				492			246	60											
10					69				578			289												
11																								
12																								
13																								
SUBTOTAL		3,670	3,400	3,670	3,670	14,305	9	12	56,400	8,673	4,264	6,063	28,732	3,953	16,526	1,139	256	20	165	201	42	527	1,181	

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DESIGNED - OPS  
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 CHECKED - KCF  
 DATE - 04/28/14

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN - SCHEDULE

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	97
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	



**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL SCHEDULE**

STAGE	SHEET	SUBBASE GRANULAR MATERIAL, TYPE B 4"	BITUMINOUS MATERIALS (PRIME COAT)	PROTECTIVE COAT	TEMPORARY PAVEMENT	WORK ZONE PAVEMENT MARKING REMOVAL	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW, TEST LEVEL 3	SHORT TERM PAVEMENT MARKING	PAVEMENT MARKING REMOVAL	TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	TEMPORARY EPOXY PAVEMENT MARKING - LINE 4"	TEMPORARY EPOXY PAVEMENT MARKING - LINE 5"	TEMPORARY EPOXY PAVEMENT MARKING - LINE 8"	TEMPORARY EPOXY PAVEMENT MARKING - LINE 12"	TEMPORARY EPOXY PAVEMENT MARKING - LETTER AND SYMBOLS	OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	RELOCATE SIGN PANEL - TYPE 3	SIGN PANEL OVERLAY	WOOD SIGN SUPPORT	TEMPORARY INFORMATION - SIGNING	PAVEMENT REMOVAL	
		SQ YD	POUND	SQ YD	SQ YD	SO FT	EACH	EACH	FOOT	SO FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SO FT	FOOT	SO FT	SO FT	FOOT	SO FT	SO YD	
BEAM ERECTION STAGING							2			6,006	2237.5		14,782		2,072	739						360		
RAMP SE CLOSURE	1									806			1,750							72		60		
	2									382			121		723	182								
	3																							
	4																							
RAMP EN CLOSURE	1												188											
	2																							
	3																							
RAMP NW CLOSURE	1																							
	2					72							410											
	3					401							1,428											
RAMP WS CLOSURE	1																							
	2																							
	0																							
STAGE 4	1												118	296										
	2					371							1,510	366										
	3					487							1,510	377										
	4					503			3,020				2,389	375	2,539	147								
	5					1,749			4,778	15			4,204	380	1,736	1,394								
	6					892			8,408	959			5,084	1,227	1,094	170								
	7					1,049			10,168	539			7,789	1,427										
	8					2,159		2	15,578	134			4,399	597	2,126	197							922	
	9					1,730		1	8,798			2300.0	1,329	511	174	4							1,033	
	10					572			2,658				2,465	473										
	11					758		2	4,930	330														
	12																							
	13																							
ALLOWANCE		551	510	551	551	0	6	10	0	0	975	836	2,000	0	1,000	0	0	0	0	0	0	95	314	
TOTAL		4,221	3,910	4,221	4,221	25,048	17	27	114,738	17,844	7,476	9,199	80,208	9,982	27,990	3,972	256	20	0	330	273	42	1,042	3,450

\* QUANTITY LISTED FOR INFORMATION ONLY, SEE OVERHEAD SIGN STRUCTURE FOR BILL OF MATERIALS FOR QUANTITY

**TEMPORARY DRAINAGE STRUCTURE SCHEDULE**

STRUCTURE	LOCATION	OFFSET	(EDGE OF PAVEMENT, EDGE OF SHOULDER, OR CENTER OF STRUCTURE)	RIM (ELEV)	N. INVERT (ELEV)	W. INVERT (ELEV)	E. INVERT (ELEV)	S. INVERT (ELEV)	NE. INVERT (ELEV)	NW. INVERT (ELEV)	SE. INVERT (ELEV)	SW. INVERT (ELEV)	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE I FRAME, CLOSED LID EACH	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE EACH
<b>RAMP NWT</b>														
S-T01 (FST)	1511+51.91	5.00' RT	EOS	576.77						571.71				1
S-T02	1522+01.30	16.00' LT	EOS	582.93	571.21							571.21		1
S-T03	1523+25.00	16.00' LT	EOS	576.40					571.84			571.84	1	
S-T04 (FST)	1524+05.74	1.00' RT	EOS	575.10					572.10					1
<b>TOTALS</b>													<b>1</b>	<b>3</b>

**TEMPORARY PIPE SCHEDULE**

PIPE	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION	PIPE SLOPE (%)	TEMPORARY STORM SEWERS, CLASS A, TYPE 12" / 2	TRENCH BACKFILL
						FOOT	CU YD
<b>RAMP NW</b>							
P-T01	S-T01	EX CB - TSC467	571.71	571.57	0.52%	27	8.5
P-T02	S-T02	EX CB - TSC1328	571.21	571.16	0.56%	9	14.1
P-T03	S-T03	S-T02	571.84	571.21	0.50%	126	122.3
P-T04	S-T04	S-T03	572.10	571.84	0.50%	52	10.0
<b>ROUNDED TOTAL</b>						<b>214</b>	<b>154.9</b>

**TEMPORARY DRAINAGE STRUCTURE REMOVAL SCHEDULE**

STRUCTURE	STATION	OFFSET	REMOVING CATCH BASINS EACH	COMMENTS
<b>RAMP NW</b>				
S-T01 (FST)	1511+51.91	5.00' RT	1	TO BE REMOVED IN STAGE 4
S-T02	1522+01.30	16.00' LT	1	TO BE REMOVED IN STAGE 4
S-T03	1523+25.00	16.00' LT	1	TO BE REMOVED IN STAGE 4
S-T04 (FST)	1524+05.74	1.00' RT	1	TO BE REMOVED IN STAGE 4
<b>TOTALS</b>			<b>4</b>	



D160W28-sht-Staging-Schedule-02.dgn  
 USER NAME = pimsarno  
 PLOT SCALE = 100.0000' / in.  
 PLOT DATE = 4/28/2014

DESIGNED - OPS  
 DRAWN - NSA  
 CHECKED - KCF  
 DATE - 04/28/14

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

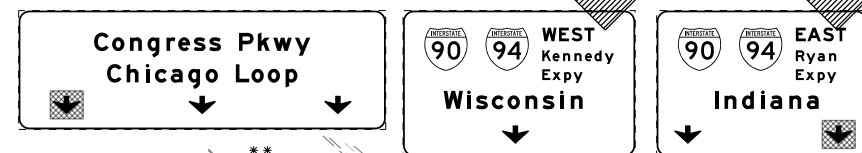
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN - SCHEDULE

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

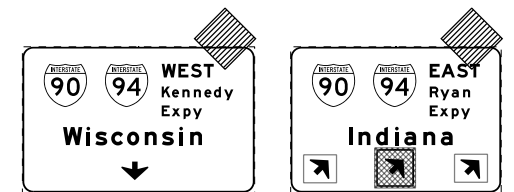
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	98
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				

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OH4 EXISTING OVERHEAD SIGNS TO REMAIN SEE CONTRACTS 60W26 AND 60W29 FOR SIGN DETAIL



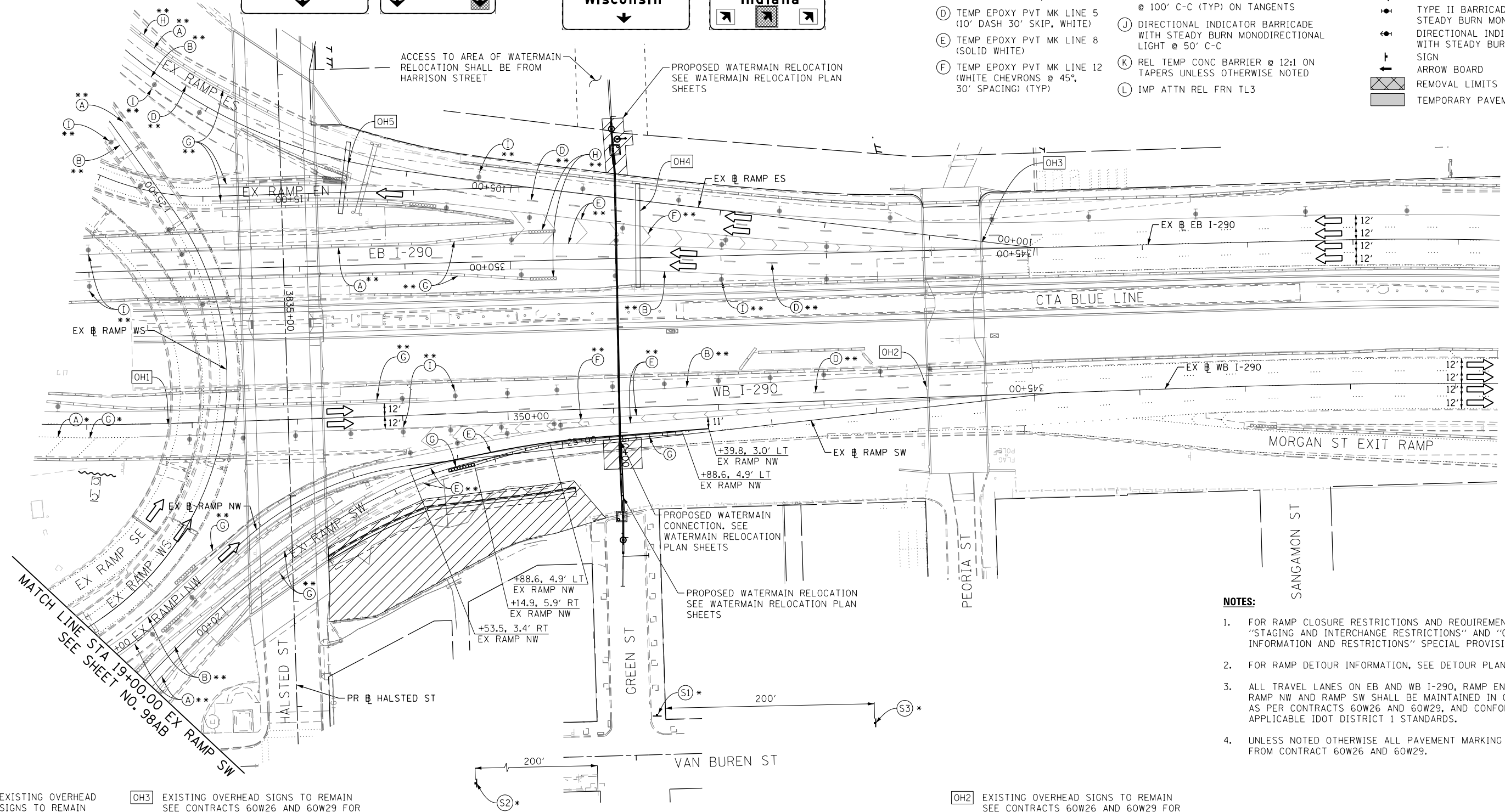
OH5 EXISTING OVERHEAD SIGNS TO REMAIN SEE CONTRACTS 60W26 AND 60W29 FOR SIGN DETAIL



**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

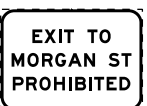
- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMP ATTN TEMP FRN TL3
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (L) IMP ATTN REL FRN TL3

- LEGEND:**
- WORK ZONE
  - TEMPORARY CONCRETE BARRIER
  - TEMPORARY IMPACT ATTENUATOR
  - TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
  - DIRECTION OF TRAFFIC FLOW
  - TYPE III BARRICADE
  - TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
  - DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL SIGN
  - ARROW BOARD
  - REMOVAL LIMITS
  - TEMPORARY PAVEMENT

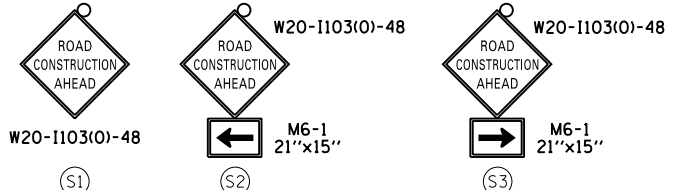


- NOTES:**
- FOR RAMP CLOSURE RESTRICTIONS AND REQUIREMENTS, SEE "STAGING AND INTERCHANGE RESTRICTIONS" AND "GIRDER ERECTION INFORMATION AND RESTRICTIONS" SPECIAL PROVISIONS.
  - FOR RAMP DETOUR INFORMATION, SEE DETOUR PLAN DETAIL SHEETS.
  - ALL TRAVEL LANES ON EB AND WB I-290, RAMP EN, RAMP ES, RAMP NW AND RAMP SW SHALL BE MAINTAINED IN CURRENT STAGE AS PER CONTRACTS 60W26 AND 60W29, AND CONFORM TO ALL APPLICABLE IDOT DISTRICT 1 STANDARDS.
  - UNLESS NOTED OTHERWISE ALL PAVEMENT MARKING AND SIGNS ARE FROM CONTRACT 60W26 AND 60W29.

OH1 EXISTING OVERHEAD SIGNS TO REMAIN SEE CONTRACT 60W26 FOR SIGN DETAIL



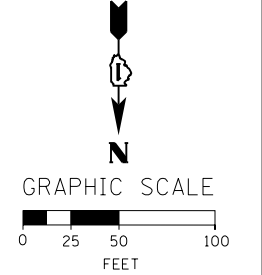
OH3 EXISTING OVERHEAD SIGNS TO REMAIN SEE CONTRACTS 60W26 AND 60W29 FOR SIGN DETAIL



OH2 EXISTING OVERHEAD SIGNS TO REMAIN SEE CONTRACTS 60W26 AND 60W29 FOR SIGN DETAIL



- \* FROM STAGE 1 TO REMAIN
- \*\* FROM CONTRACTS 60W26 AND 60W29 TO REMAIN
- \*\*\* FROM CONTRACT 60W71 TO REMAIN



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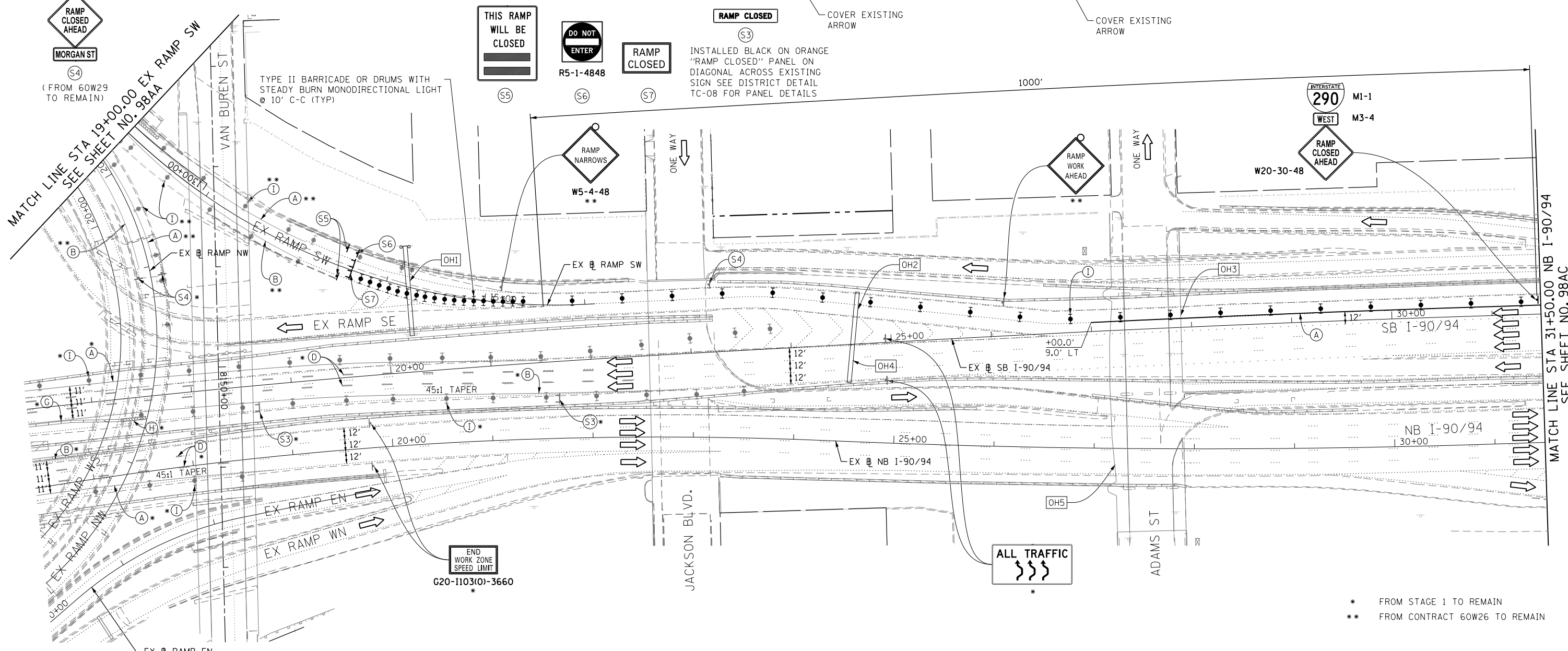
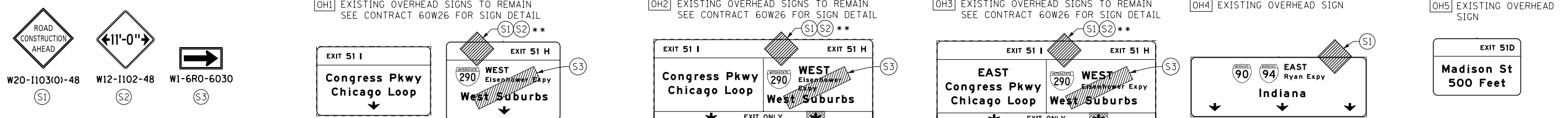
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN  
 MAINLINE STAGING 1 - RAMP SW CLOSURE**

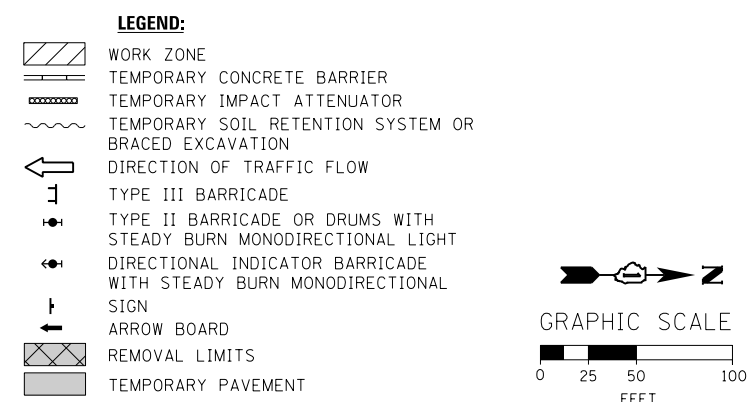
SCALE: 1" = 50' SHEET 1 OF 5 SHEETS STA. 1833+00 TO STA. 340+60

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	98AA
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				



- NOTES:**
- FOR RAMP CLOSURE RESTRICTIONS AND REQUIREMENTS, SEE "STAGING AND INTERCHANGE RESTRICTIONS" AND "GIRDER ERECTION INFORMATION AND RESTRICTIONS" SPECIAL PROVISIONS.
  - FOR RAMP DETOUR INFORMATION, SEE DETOUR PLAN DETAIL SHEETS.
  - ALL TEMPORARY PAVEMENT MARKING AND SIGNING INSTALLED DURING RAMP SW CLOSURE TO BE REMOVED AND RESTORED AS PER CURRENT STAGING PRIOR TO RAMP SW OPENING TO TRAFFIC.

- PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**
- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
  - (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
  - (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
  - (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
  - (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
  - (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
  - (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
  - (H) IMP ATTN TEMP FRN TL3
  - (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
  - (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
  - (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
  - (L) IMP ATTN REL FRN TL3



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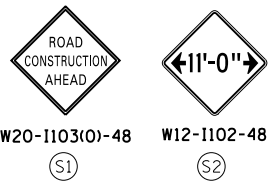
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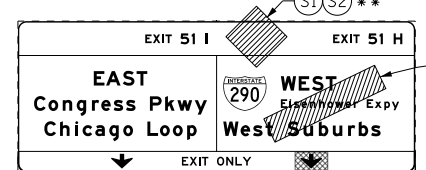
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN  
MAINLINE STAGING 1 - RAMP SW CLOSURE**  
 SCALE: 1" = 50' SHEET 2 OF 5 SHEETS STA. 16+35 TO STA. 31+50

F.A.I. RTE. 90/94/290	SECTION 2013-010R	COUNTY COOK	TOTAL SHEETS 747	SHEET NO. 98AB
CONTRACT NO. 60W26				
ILLINOIS FED. AID PROJECT				

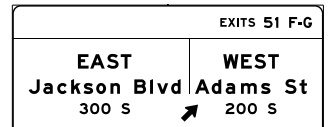


OH1 EXISTING OVERHEAD SIGN TO REMAIN  
SEE CONTRACT 60W26 FOR SIGN DETAIL

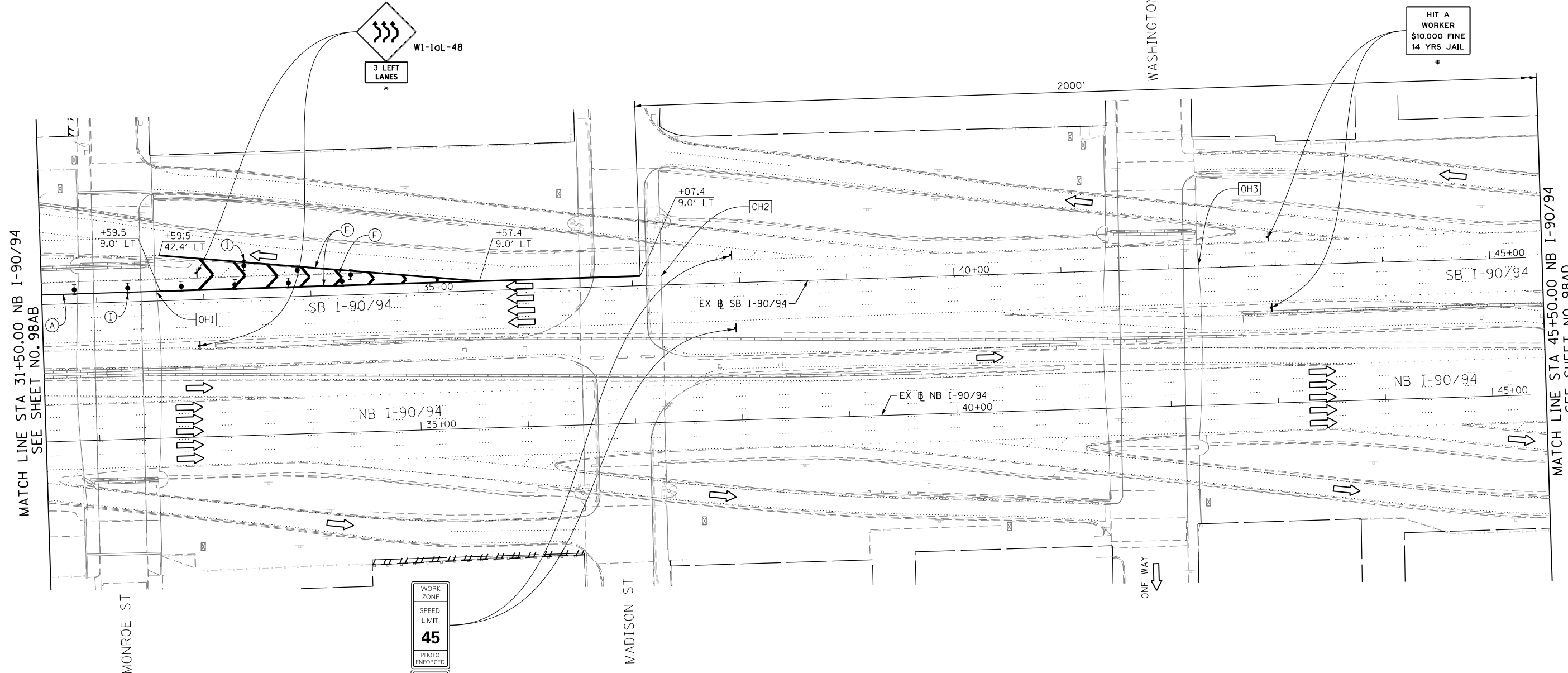
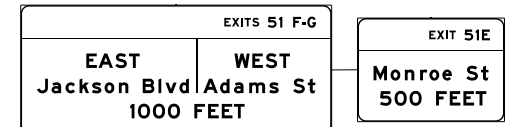


RAMP CLOSED (S3)  
INSTALLED BLACK ON ORANGE "RAMP CLOSED" PANEL ON DIAGONAL ACROSS EXISTING SIGN SEE DISTRICT DETAIL TC-08 FOR PANEL DETAILS

OH2 EXISTING OVERHEAD SIGN

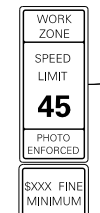


OH3 EXISTING OVERHEAD SIGNS



MATCH LINE STA 31+50.00 NB I-90/94  
SEE SHEET NO. 98AB

MATCH LINE STA 45+50.00 NB I-90/94  
SEE SHEET NO. 98AD



W2-1115(O)-3618  
R2-1-3648  
R10-1108P-3618  
R2-1106-3618

- NOTES:**
- FOR RAMP CLOSURE RESTRICTIONS AND REQUIREMENTS, SEE "STAGING AND INTERCHANGE RESTRICTIONS" AND "GIRDER ERECTION INFORMATION AND RESTRICTIONS" SPECIAL PROVISIONS.
  - FOR RAMP DETOUR INFORMATION, SEE DETOUR PLAN DETAIL SHEETS.
  - ALL TEMPORARY PAVEMENT MARKING AND SIGNING INSTALLED DURING RAMP SW CLOSURE TO BE REMOVED AND RESTORED AS PER CURRENT STAGING PRIOR TO RAMP SW OPENING TO TRAFFIC.

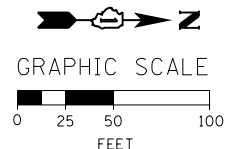
\* FROM STAGE 1 TO REMAIN  
\*\* FROM CONTRACT 60W26 TO REMAIN

**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMP ATTN TEMP FRN TL3
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (L) IMP ATTN REL FRN TL3

**LEGEND:**

- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- SIGN
- ARROW BOARD
- REMOVAL LIMITS
- TEMPORARY PAVEMENT



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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN**  
**RAMP SW CLOSURE FOR WATERMAIN CONNECTION**

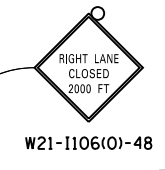
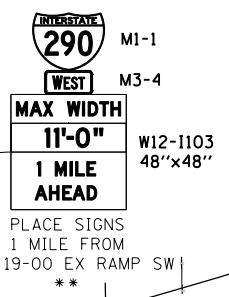
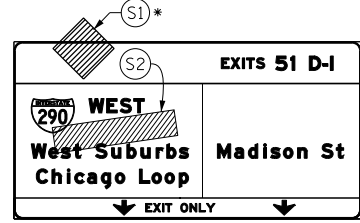
SCALE: 1" = 50' SHEET 3 OF 5 SHEETS STA. 31+50 TO STA. 45+50

F.A.I. RTE. 90/94/290	SECTION 2013-010R	COUNTY COOK	TOTAL SHEETS 747	SHEET NO. 98AC
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				



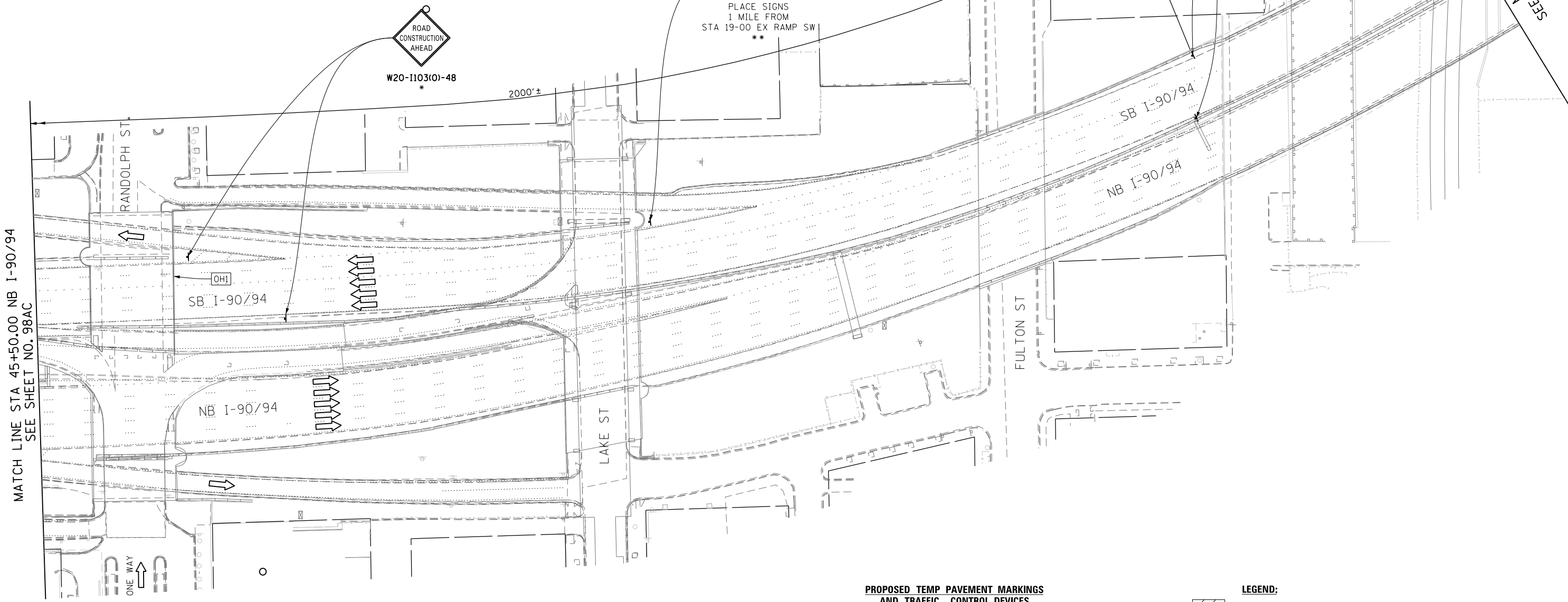
**RAMP CLOSED**  
 (S2)  
 INSTALLED BLACK ON ORANGE "RAMP CLOSED" PANEL ON DIAGONAL ACROSS EXISTING SIGN SEE DISTRICT DETAIL TC-08 FOR PANEL DETAILS

(OH1) EXISTING OVERHEAD SIGN



MATCH LINE STA 45+50.00 NB I-90/94  
 SEE SHEET NO. 98AC

SEE MATCH LINE A  
 SEE SHEET NO. 98AE



- NOTES:**
- FOR RAMP CLOSURE RESTRICTIONS AND REQUIREMENTS, SEE "STAGING AND INTERCHANGE RESTRICTIONS" AND "GIRDER ERECTION INFORMATION AND RESTRICTIONS" SPECIAL PROVISIONS.
  - FOR RAMP DETOUR INFORMATION, SEE DETOUR PLAN DETAIL SHEETS.
  - ALL TEMPORARY PAVEMENT MARKING AND SIGNING INSTALLED DURING RAMP SW CLOSURE TO BE REMOVED AND RESTORED AS PER CURRENT STAGING PRIOR TO RAMP SW OPENING TO TRAFFIC.

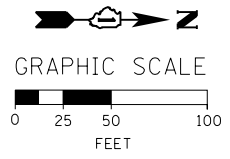
\* FROM STAGE 1 TO REMAIN  
 \*\* FROM CONTRACT 60W26 TO REMAIN

**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMP ATTN TEMP FRN TL3
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (L) IMP ATTN REL FRN TL3

**LEGEND:**

- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- ARROW BOARD
- REMOVAL LIMITS
- TEMPORARY PAVEMENT



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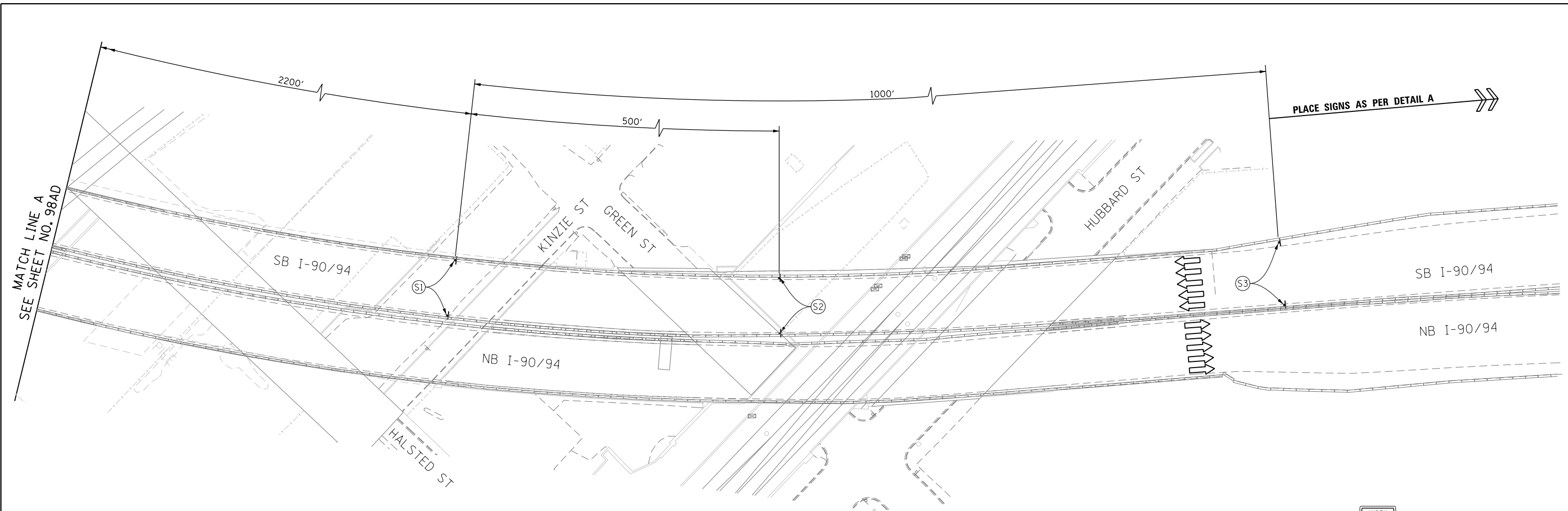
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN  
 MAINLINE STAGING 1 - RAMP SW CLOSURE**  
 SCALE: 1" = 50' SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	98AD
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				



MATCH LINE A  
SEE SHEET NO. 98AD

PLACE SIGNS AS PER DETAIL A

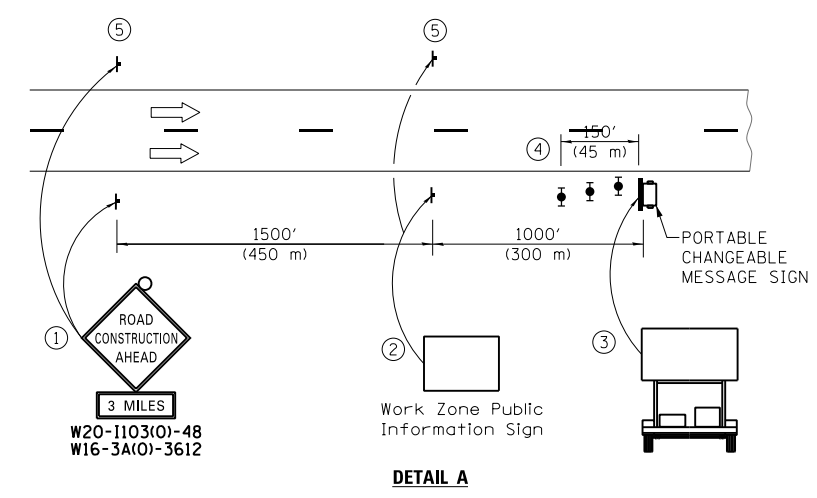
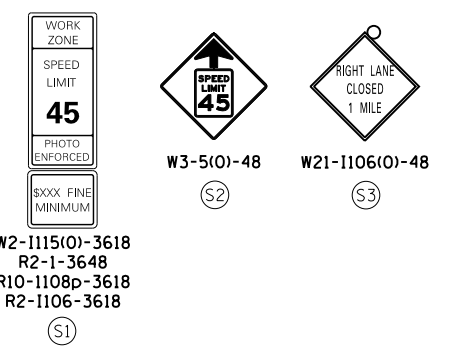
**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMP ATTN TEMP FRN TL3
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (L) IMP ATTN REL FRN TL3

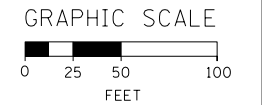
**LEGEND:**

- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL SIGN
- ARROW BOARD
- REMOVAL LIMITS
- TEMPORARY PAVEMENT

- NOTES:**
- FOR RAMP CLOSURE RESTRICTIONS AND REQUIREMENTS, SEE "STAGING AND INTERCHANGE RESTRICTIONS" AND "GIRDER ERECTION INFORMATION AND RESTRICTIONS" SPECIAL PROVISIONS.
  - FOR RAMP DETOUR INFORMATION, SEE DETOUR PLAN DETAIL SHEETS.
  - ALL TEMPORARY PAVEMENT MARKING AND SIGNING INSTALLED DURING RAMP SW CLOSURE TO BE REMOVED AND RESTORED AS PER CURRENT STAGING PRIOR TO RAMP SW OPENING TO TRAFFIC.



- The Road Construction Ahead sign shall be located 3 to 5 miles in advance of the project limits.
- The message and size of the Work Zone Public Information Sign shall be as specified by the Department.
- The message board shall be used to display status of lanes within the project. The primary messages shall be:  
"Right Lane Closed" / " x Miles Ahead"  
"Left Lane Closed" / " x Miles Ahead"  
"All Lanes Open"
- Three, Type II barricades, drums, or vertical barricades at 50' (15 m) centers.
- This sign shall be omitted when median width is less than 10' (3 m).



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DATE - 04/28/14	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN**  
**MAINLINE STAGING 1 - RAMP SW CLOSURE**  
SCALE: 1" = 50'  
SHEET 5 OF 5 SHEETS  
STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-010R	COUNTY COOK	TOTAL SHEETS 747	SHEET NO. 98AE
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				



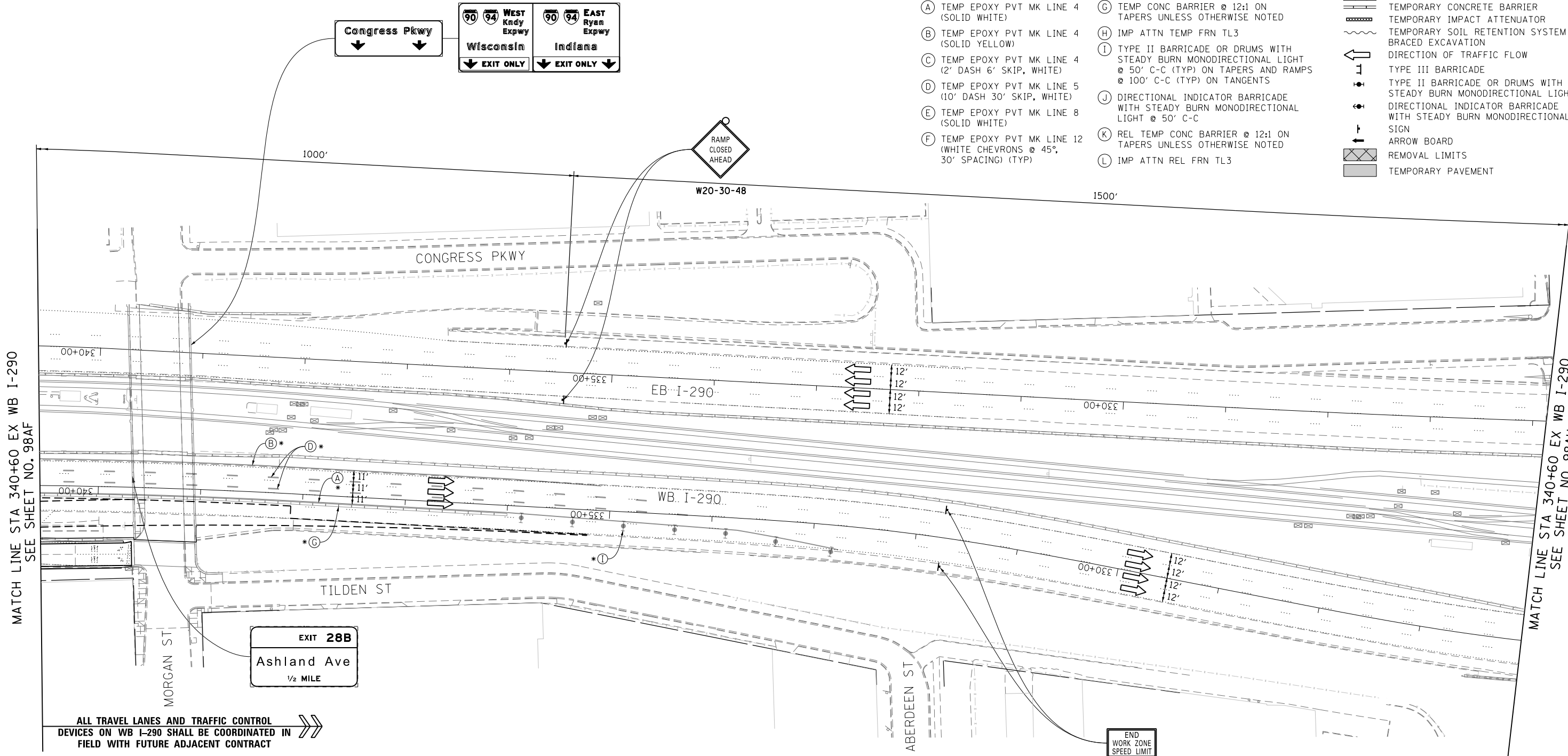


**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMP ATTN TEMP FRN TL3
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (L) IMP ATTN REL FRN TL3

**LEGEND:**

- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- ARROW BOARD
- REMOVAL LIMITS
- TEMPORARY PAVEMENT

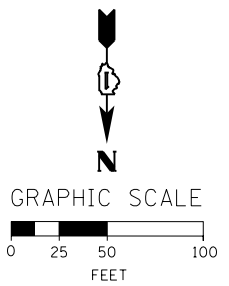


ALL TRAVEL LANES AND TRAFFIC CONTROL DEVICES ON WB I-290 SHALL BE COORDINATED IN FIELD WITH FUTURE ADJACENT CONTRACT

**NOTES:**

1. FOR RAMP CLOSURE RESTRICTIONS AND REQUIREMENTS, SEE "STAGING AND INTERCHANGE RESTRICTIONS" AND "GIRDER ERECTION INFORMATION AND RESTRICTIONS" SPECIAL PROVISIONS.
2. FOR RAMP DETOUR INFORMATION, SEE DETOUR PLAN DETAIL SHEETS.
3. ALL TEMPORARY PAVEMENT MARKING AND SIGNING INSTALLED DURING RAMP EN CLOSURE TO BE REMOVED AND RESTORED AS PER CURRENT STAGING PRIOR TO RAMP EN OPEN TO TRAFFIC.

\* FROM PREVIOUS STAGE TO REMAIN



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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN  
 MAINLINE STAGING 3A-3C - RAMP EN CLOSURE**

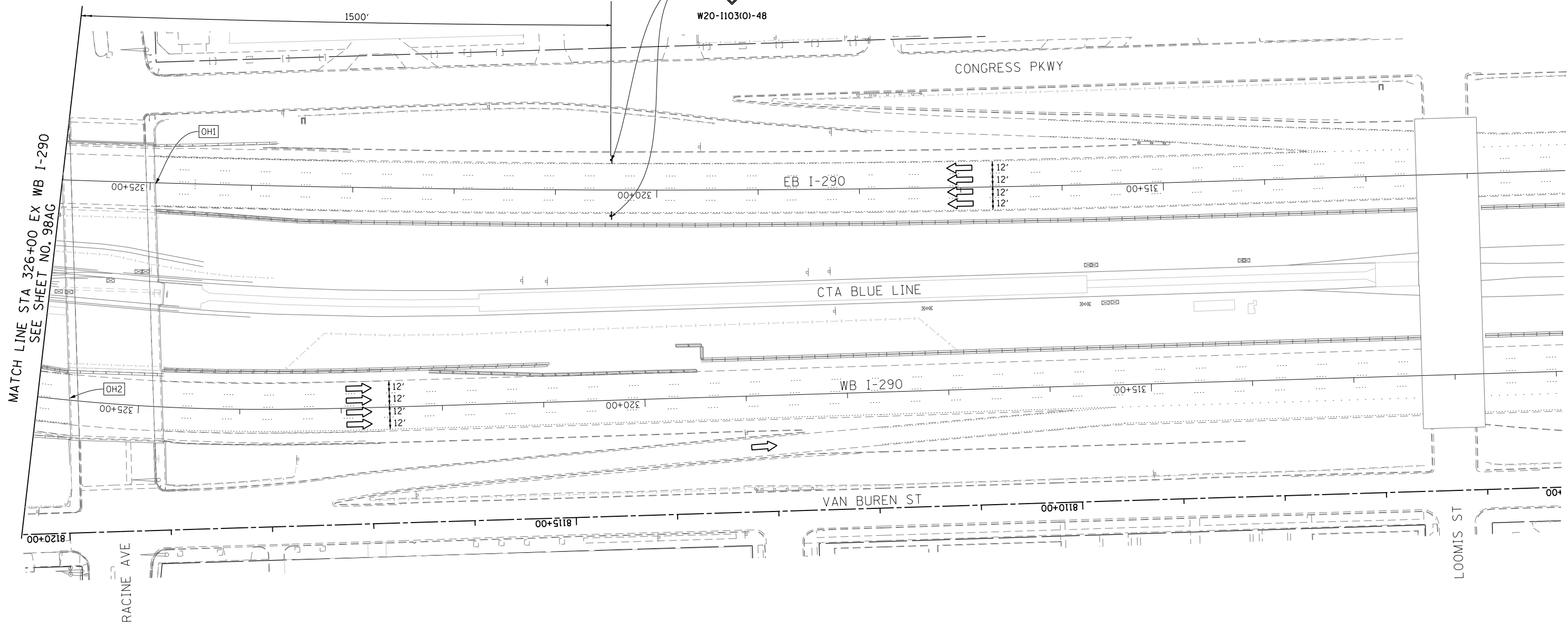
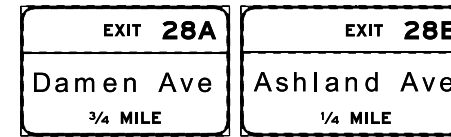
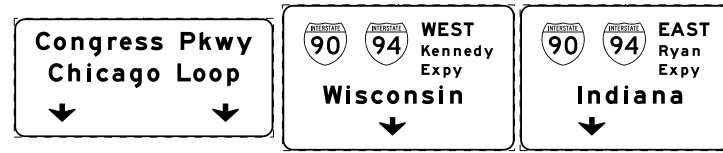
SCALE: 1" = 50' SHEET 2 OF 3 SHEETS STA. 340+60 TO STA. 326+00

F.A.I. RTE. 90/94/290	SECTION 2013-010R	COUNTY COOK	TOTAL SHEETS 747	SHEET NO. 98AG
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				



OH1 EXISTING OVERHEAD SIGNS TO REMAIN

OH2 EXISTING OVERHEAD SIGNS TO REMAIN



MATCH LINE STA 326+00 EX WB I-290 SEE SHEET NO. 98AG

**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

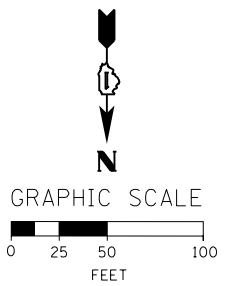
- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2" DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMP ATTN TEMP FRN TL3
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (L) IMP ATTN REL FRN TL3

**LEGEND:**

- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- ARROW BOARD
- REMOVAL LIMITS
- TEMPORARY PAVEMENT

**NOTES:**

- FOR RAMP CLOSURE RESTRICTIONS AND REQUIREMENTS, SEE "STAGING AND INTERCHANGE RESTRICTIONS" AND "GIRDER ERECTION INFORMATION AND RESTRICTIONS" SPECIAL PROVISIONS.
- FOR RAMP DETOUR INFORMATION, SEE DETOUR PLAN DETAIL SHEETS.
- ALL TEMPORARY PAVEMENT MARKING AND SIGNING INSTALLED DURING RAMP EN CLOSURE TO BE REMOVED AND RESTORED AS PER CURRENT STAGING PRIOR TO RAMP EN OPEN TO TRAFFIC.



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D:\60W28-sht-Staging3-RampEN-CL-03.dgn  
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 PLOT SCALE = 50.0000' / in.  
 PLOT DATE = 4/28/2014

DESIGNED - OPS	REVISED -
DRAWN - PHP	REVISED -
CHECKED - KCF	REVISED -
DATE - 04/28/14	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN  
 MAINLINE STAGING 3A-3C - RAMP EN CLOSURE**  
 SCALE: 1" = 50' SHEET 3 OF 3 SHEETS STA. 340+60 TO STA. 326+00

F.A.I. RTE. 90/94/290	SECTION 2013-010R	COUNTY COOK	TOTAL SHEETS 747	SHEET NO. 98AH
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				

**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMP ATTN TEMP FRN TL3
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (L) IMP ATTN REL FRN TL3

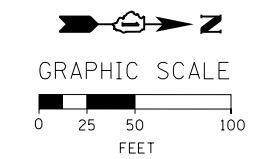
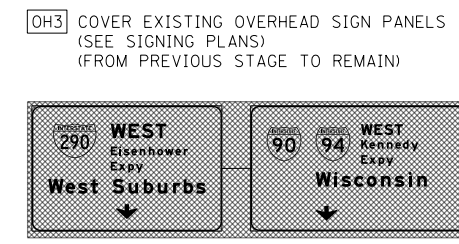
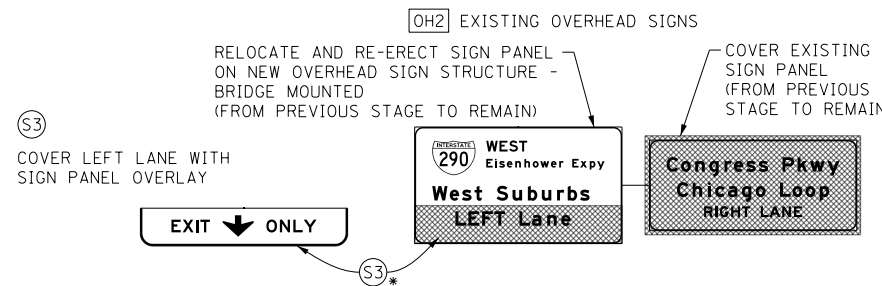
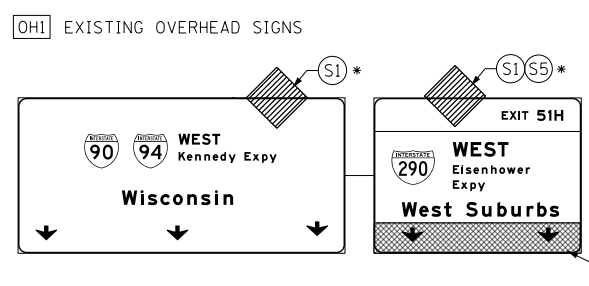
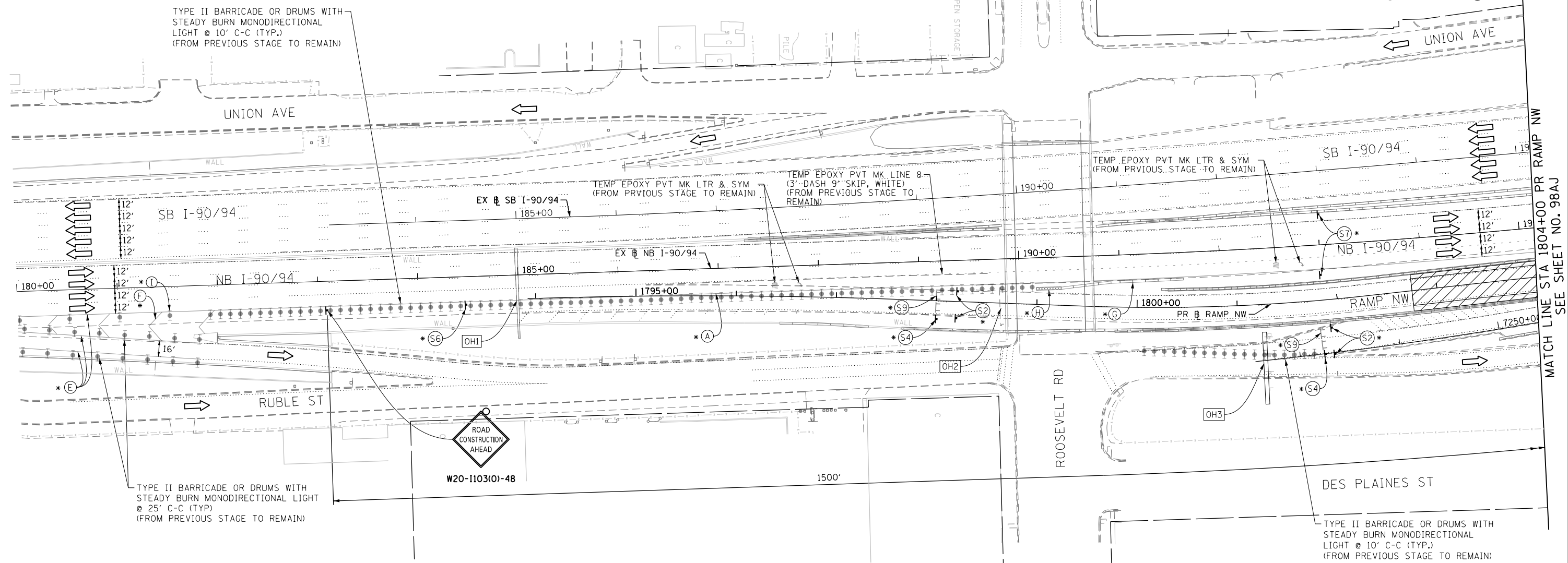
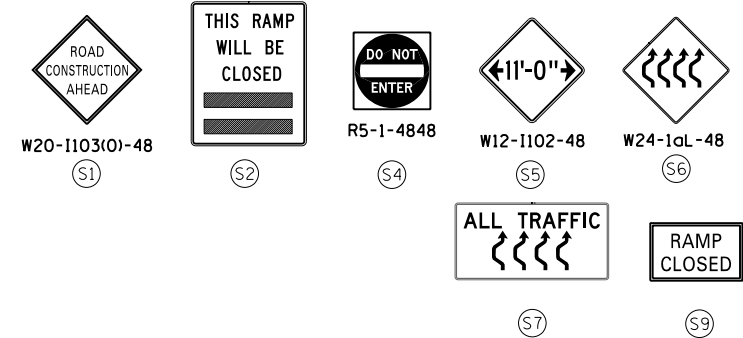
- LEGEND:**
- WORK ZONE
  - TEMPORARY CONCRETE BARRIER
  - TEMPORARY IMPACT ATTENUATOR
  - TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
  - DIRECTION OF TRAFFIC FLOW
  - TYPE III BARRICADE
  - TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
  - DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
  - SIGN
  - ARROW BOARD
  - REMOVAL LIMITS
  - TEMPORARY PAVEMENT

\* FROM PREVIOUS TO REMAIN

**NOTES:**

- FOR RAMP CLOSURE RESTRICTIONS AND REQUIREMENTS, SEE "STAGING AND INTERCHANGE RESTRICTIONS" AND GIRDER ERECTION INFORMATION AND RESTRICTIONS" SPECIAL PROVISIONS.
- FOR RAMP DETOUR INFORMATION, SEE DETOUR PLAN DETAIL SHEETS.
- THE CONTRACTOR SHALL COORDINATE TRAFFIC CONTROL WITH OTHER ADJACENT CONTRACTS WHICH MAY BE UNDER CONSTRUCTION DURING THE DURATION OF THIS PROJECT, SEE "CONTRACTOR COOPERATION" SPECIAL PROVISION.

NOTE:  
ALL STATION OFFSET ARE FROM EXISTING BASELINE NB I-90/94 UNLESS OTHERWISE NOTED.



FILE PATH = C:\Projects\160W28-Sht-Staging3-RampNW-CL-01.dgn



D160W28-Sht-Staging3-RampNW-CL-01.dgn  
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 PLOT SCALE = 50.0000' / in.  
 PLOT DATE = 4/28/2014

DESIGNED	- OPS	REVISED	-
DRAWN	- PHP	REVISED	-
CHECKED	- KCF	REVISED	-
DATE	- 04/28/14	REVISED	-

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN  
MAINLINE STAGING 3A-3C - RAMP NW CLOSURE**

SCALE: 1" = 50' SHEET 1 OF 3 SHEETS STA. 180+00 TO STA. 1804+00

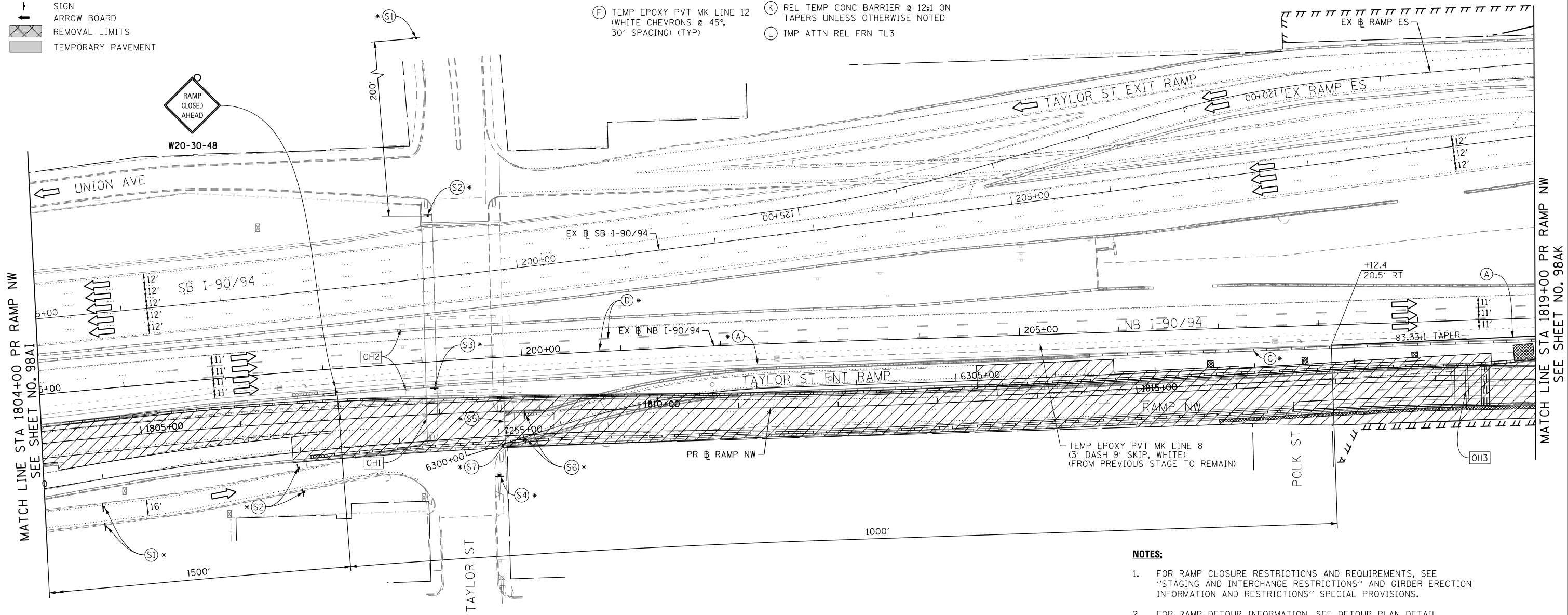
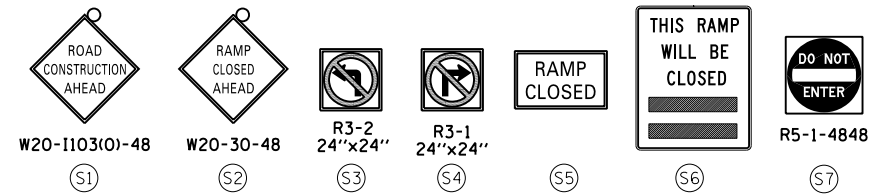
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	98AI
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				

- LEGEND:**
- WORK ZONE
  - TEMPORARY CONCRETE BARRIER
  - TEMPORARY IMPACT ATTENUATOR
  - TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
  - DIRECTION OF TRAFFIC FLOW
  - TYPE III BARRICADE
  - TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
  - DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL SIGN
  - ARROW BOARD
  - REMOVAL LIMITS
  - TEMPORARY PAVEMENT

\* FROM PREVIOUS TO REMAIN

**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMP ATTN TEMP FRN TL3
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (L) IMP ATTN REL FRN TL3

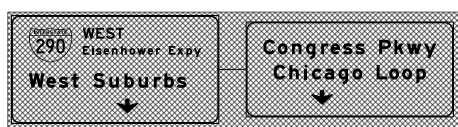


MATCH LINE STA 1804+00 PR RAMP NW SEE SHEET NO. 98AI

MATCH LINE STA 1819+00 PR RAMP NW SEE SHEET NO. 98AK

- NOTES:**
- FOR RAMP CLOSURE RESTRICTIONS AND REQUIREMENTS, SEE "STAGING AND INTERCHANGE RESTRICTIONS" AND GIRDER ERECTION INFORMATION AND RESTRICTIONS" SPECIAL PROVISIONS.
  - FOR RAMP DETOUR INFORMATION, SEE DETOUR PLAN DETAIL SHEETS.
  - THE CONTRACTOR SHALL COORDINATE TRAFFIC CONTROL WITH OTHER ADJACENT CONTRACTS WHICH MAY BE UNDER CONSTRUCTION DURING THE DURATION OF THIS PROJECT, SEE "CONTRACTOR COOPERATION" SPECIAL PROVISION.

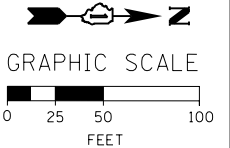
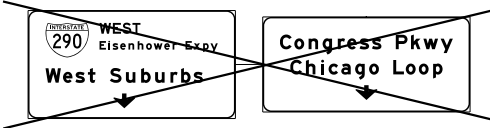
[OH1] COVER EXISTING OVERHEAD SIGN PANELS (SEE SIGNING PLANS) (FROM PREVIOUS STAGE TO REMAIN)



[OH2] EXISTING DMS TO REMAIN



[OH3] EXISTING OVERHEAD SIGN STRUCTURE TO BE REMOVED SEE SIGNING PLAN



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D160W28-sht-Staging3-RampNW-CL-02.dgn  
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 PLOT SCALE = 50.0000' / in.  
 PLOT DATE = 4/28/2014

DESIGNED - OPS	REVISED -
DRAWN - PHP	REVISED -
CHECKED - KCF	REVISED -
DATE - 04/28/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN  
MAINLINE STAGING 3A-3C - RAMP NW CLOSURE**  
 SCALE: 1" = 50' SHEET 2 OF 3 SHEETS STA. 1804+00 TO STA. 1819+00

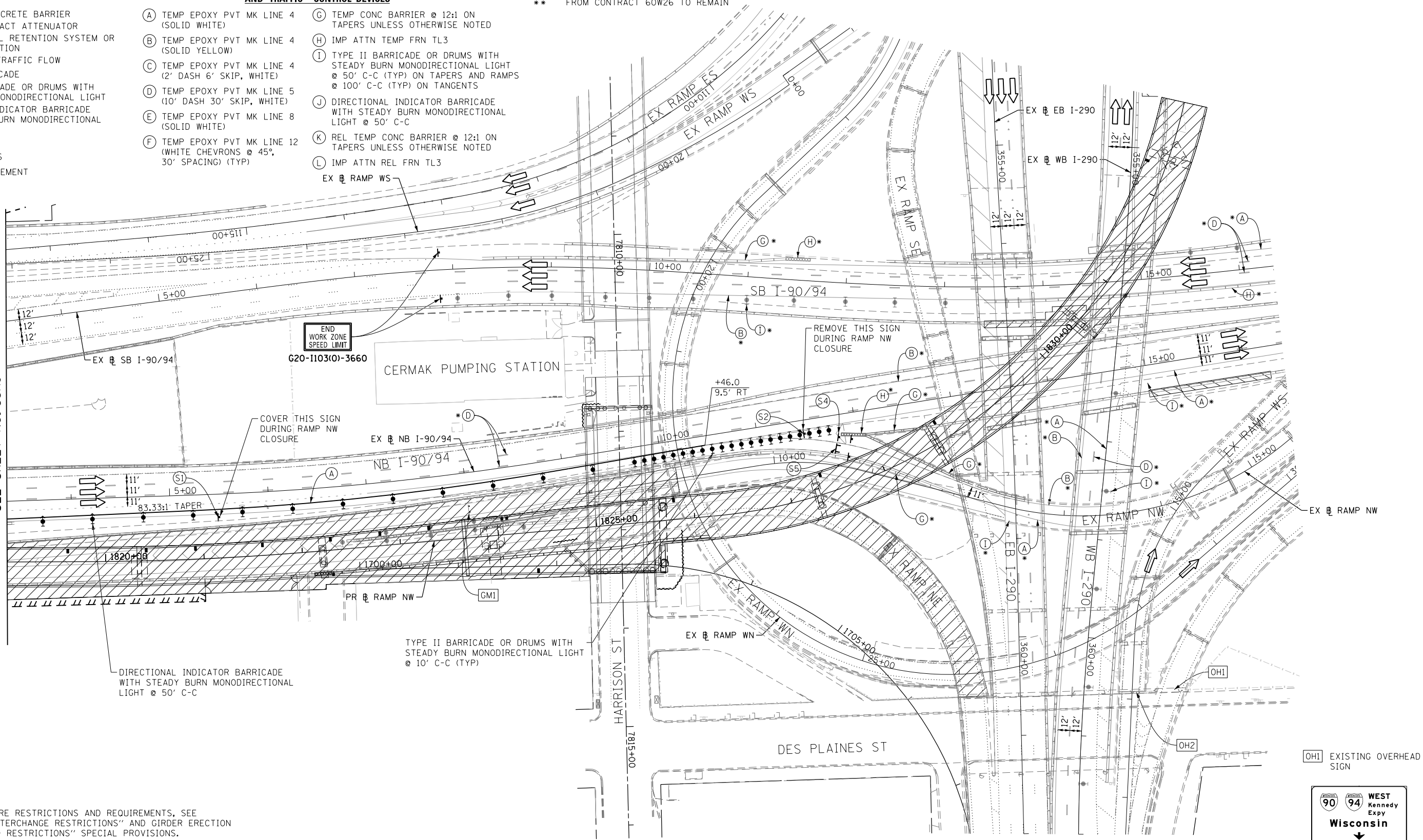
F.A.I. RTE. 90/94/290	SECTION 2013-010R	COUNTY COOK	TOTAL SHEETS 747	SHEET NO. 98AJ
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				

- LEGEND:**
- WORK ZONE
  - TEMPORARY CONCRETE BARRIER
  - TEMPORARY IMPACT ATTENUATOR
  - TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
  - DIRECTION OF TRAFFIC FLOW
  - TYPE III BARRICADE
  - TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
  - DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL SIGN
  - ARROW BOARD
  - REMOVAL LIMITS
  - TEMPORARY PAVEMENT

- PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**
- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
  - (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
  - (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
  - (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
  - (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
  - (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
  - (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
  - (H) IMP ATTN TEMP FRN TL3
  - (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
  - (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
  - (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
  - (L) IMP ATTN REL FRN TL3

\* FROM PREVIOUS STAGE TO REMAIN  
 \*\* FROM CONTRACT 60W26 TO REMAIN

MATCH LINE STA 1819+00 PR RAMP NW  
SEE SHEET NO. 98AJ



- NOTES:**
- FOR RAMP CLOSURE RESTRICTIONS AND REQUIREMENTS, SEE "STAGING AND INTERCHANGE RESTRICTIONS" AND GIRDER ERECTION INFORMATION AND RESTRICTIONS" SPECIAL PROVISIONS.
  - FOR RAMP DETOUR INFORMATION, SEE DETOUR PLAN DETAIL SHEETS.
  - THE CONTRACTOR SHALL COORDINATE TRAFFIC CONTROL WITH OTHER ADJACENT CONTRACTS WHICH MAY BE UNDER CONSTRUCTION DURING THE DURATION OF THIS PROJECT, SEE "CONTRACTOR COOPERATION" SPECIAL PROVISION.

EXIT OPEN AHEAD  
D4-1102(G)-3648  
(S1)

EXIT  
42x36  
(S2)

(GMI) GROUND MOUNTED TEMPORARY INFORMATION SIGNING (FROM PREVIOUS STAGE) TO BE COVERED DURING RAMP NW CLOSURE  
 9'x10' SIGN PANEL  
 EXIT 51H  
 WEST SUBURBS RIGHT LANE

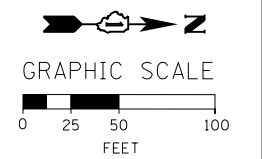
(OH2) EXISTING OVERHEAD SIGN  
 EAST Ryan Expy  
 Indiana

(S3) THIS RAMP WILL BE CLOSED

(S4) DO NOT ENTER  
R5-1-4848

(S5) RAMP CLOSED

(OH1) EXISTING OVERHEAD SIGN  
 WEST Kennedy Expy  
 Wisconsin



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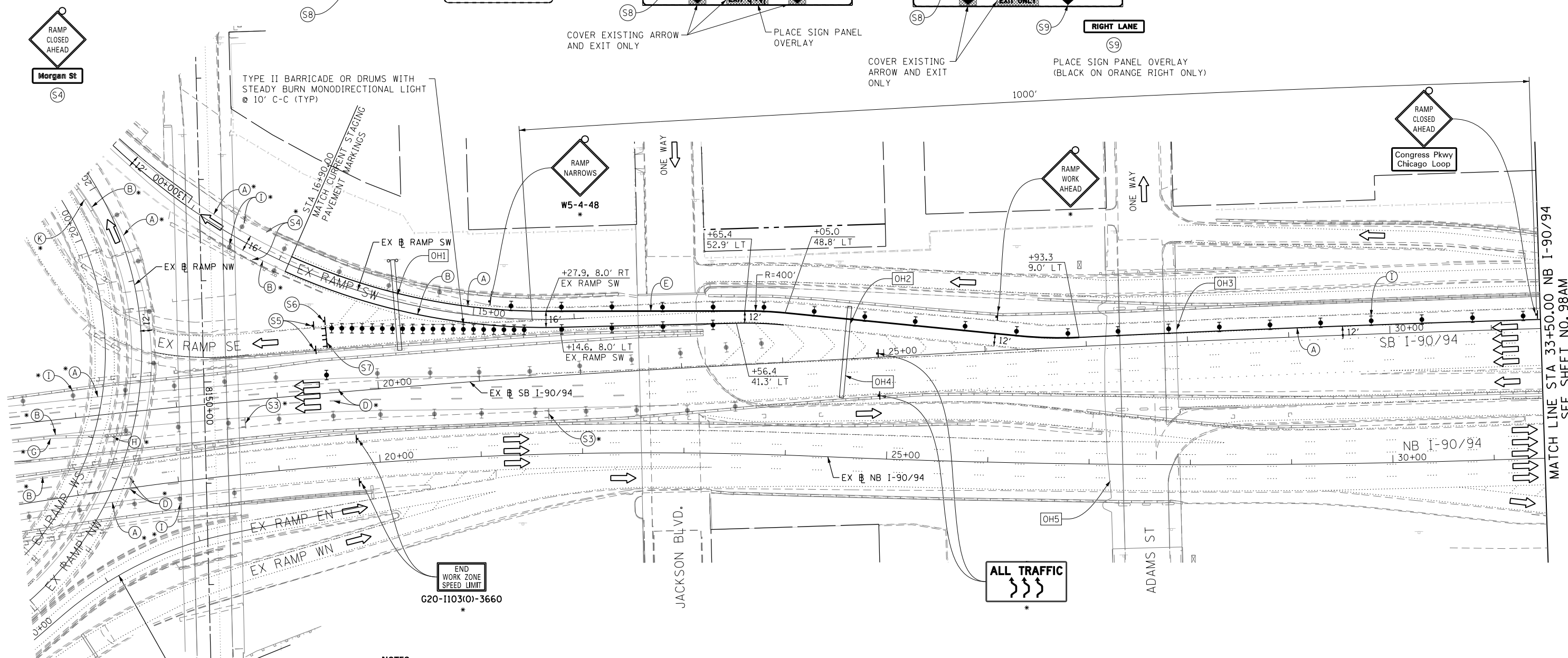
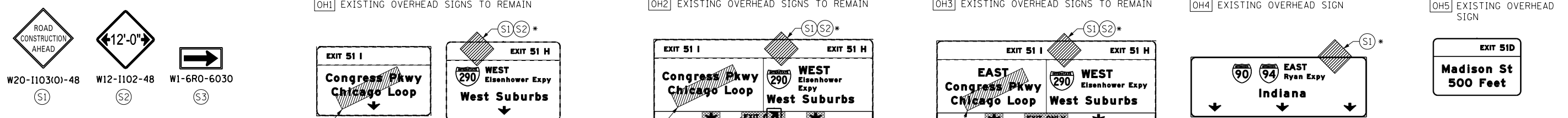
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DRAWN - PHP	REVISED -
CHECKED - KCF	REVISED -
DATE - 04/28/14	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN**  
**MAINLINE STAGING 3A-3C - RAMP NW CLOSURE**  
 SCALE: 1" = 50' SHEET 3 OF 3 SHEETS STA. 1819+00 TO STA. 16+35

F.A.I. RTE. 90/94/290	SECTION 2013-010R	COUNTY COOK	TOTAL SHEETS 747	SHEET NO. 98AK
CONTRACT NO. 60W26				
ILLINOIS FED. AID PROJECT				



**NOTES:**

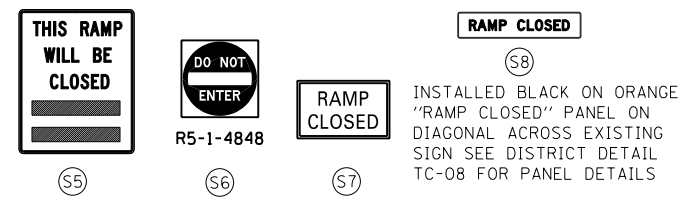
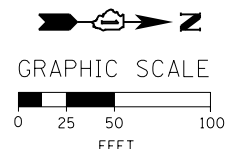
- FOR RAMP CLOSURE RESTRICTIONS AND REQUIREMENTS, SEE "STAGING AND INTERCHANGE RESTRICTIONS" AND "GIRDER ERECTION INFORMATION AND RESTRICTIONS" SPECIAL PROVISIONS.
- FOR RAMP DETOUR INFORMATION, SEE DETOUR PLAN DETAIL SHEETS.
- ALL TEMPORARY PAVEMENT MARKING AND SIGNING INSTALLED DURING RAMP SE CLOSURE TO BE REMOVED AND RESTORED AS PER CURRENT STAGING PRIOR TO RAMP SE OPENING TO TRAFFIC.

**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMP ATTN TEMP FRN TL3
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (L) IMP ATTN REL FRN TL3

**LEGEND:**

- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- ARROW BOARD
- REMOVAL LIMITS
- TEMPORARY PAVEMENT



\* FROM PREVIOUS STAGE TO REMAIN

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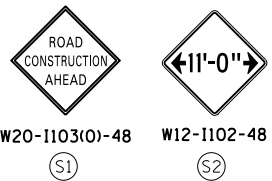
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN**  
**MAINLINE STAGING 3A-3C - RAMP SE CLOSURE**  
 SCALE: 1" = 50' SHEET 1 OF 4 SHEETS STA. 16+35 TO STA. 31+50

F.A.I. RTE. 90/94/290	SECTION 2013-010R	COUNTY COOK	TOTAL SHEETS 747	SHEET NO. 98AL
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				



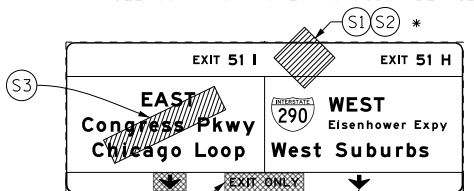


OH1 EXISTING OVERHEAD SIGN TO REMAIN  
SEE CONTRACT 60W26 FOR SIGN DETAIL

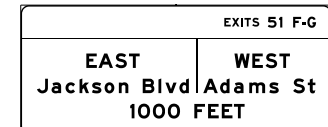
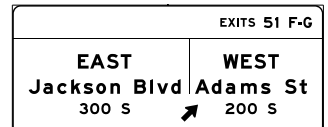
RAMP CLOSED

OH2 EXISTING OVERHEAD SIGN

OH3 EXISTING OVERHEAD SIGNS



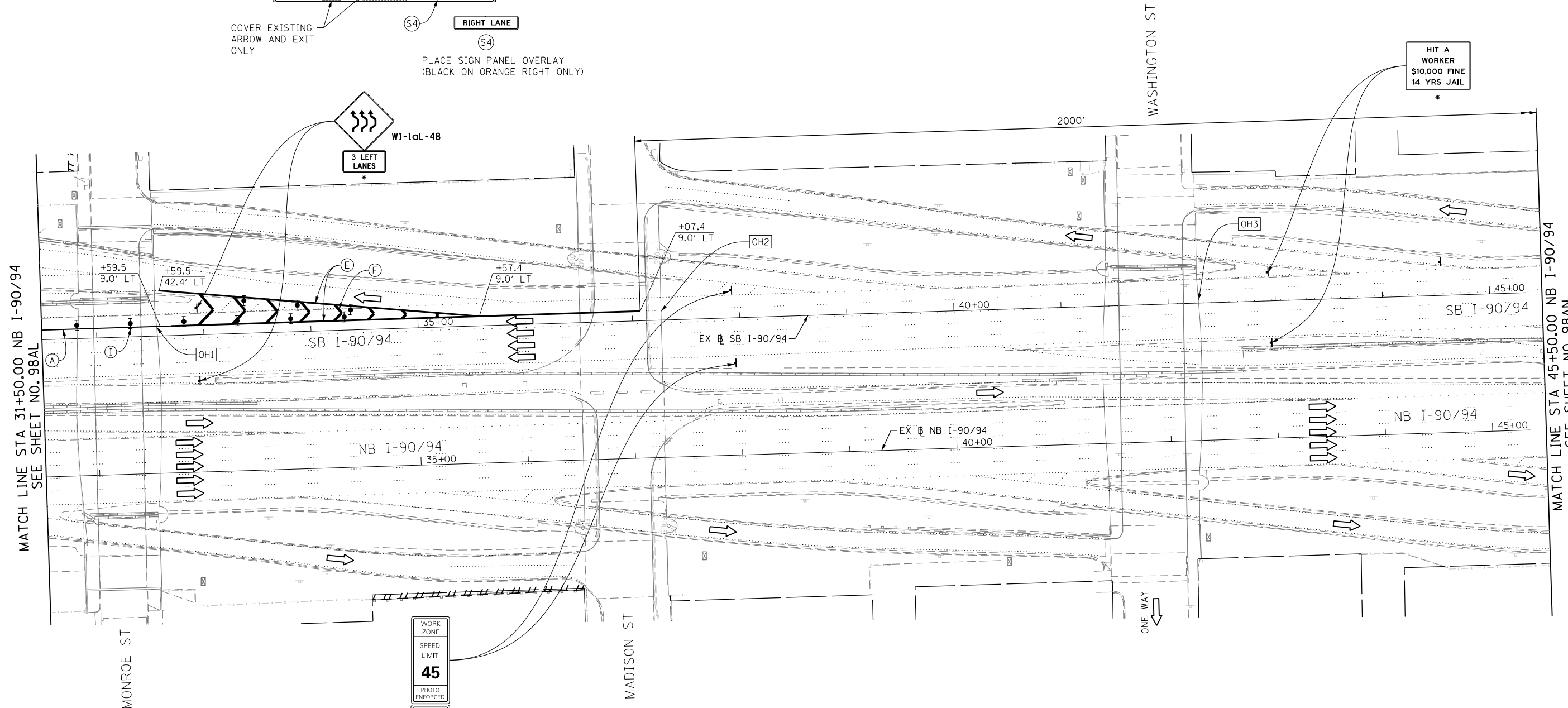
INSTALL BLACK ON ORANGE "RAMP CLOSED" PANEL ON DIAGONAL ACROSS EXISTING SIGN SEE DISTRICT DETAIL TC-08 FOR PANEL DETAILS



COVER EXISTING ARROW AND EXIT ONLY

RIGHT LANE

PLACE SIGN PANEL OVERLAY (BLACK ON ORANGE RIGHT ONLY)



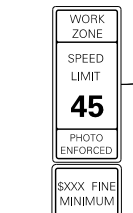
HIT A WORKER  
\$10,000 FINE  
14 YRS JAIL

MATCH LINE STA 31+50.00 NB I-90/94  
SEE SHEET NO. 98AL

MATCH LINE STA 45+50.00 NB I-90/94  
SEE SHEET NO. 98AN

**NOTES:**

- FOR RAMP CLOSURE RESTRICTIONS AND REQUIREMENTS, SEE "STAGING AND INTERCHANGE RESTRICTIONS" AND "GIRDER ERECTION INFORMATION AND RESTRICTIONS" SPECIAL PROVISIONS.
- FOR RAMP DETOUR INFORMATION, SEE DETOUR PLAN DETAIL SHEETS.
- ALL TEMPORARY PAVEMENT MARKING AND SIGNING INSTALLED DURING RAMP SE CLOSURE TO BE REMOVED AND RESTORED AS PER CURRENT STAGING PRIOR TO RAMP SE OPENING TO TRAFFIC.



W2-1115(O)-3618  
R2-1-3648  
R10-1108P-3618  
R2-1106-3618

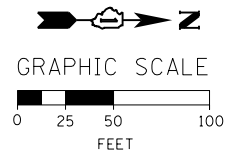
FROM PREVIOUS STAGE TO REMAIN

**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMP ATTN TEMP FRN TL3
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (L) IMP ATTN REL FRN TL3

**LEGEND:**

- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- SIGN
- ARROW BOARD
- REMOVAL LIMITS
- TEMPORARY PAVEMENT



FILE PATH = C:\Project\staging\11028-sht-Staging3-RampSE-CL-02.dgn



D160W28-sht-Staging3-RampSE-CL-02.dgn  
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PLOT SCALE = 50.0000' / in.  
PLOT DATE = 4/28/2014

DESIGNED - OPS	REVISED -
DRAWN - PHP	REVISED -
CHECKED - KCF	REVISED -
DATE - 04/28/14	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN  
MAINLINE STAGING 3A-3C - RAMP SE CLOSURE

SCALE: 1" = 50' SHEET 2 OF 4 SHEETS STA. 31+50 TO STA. 45+50

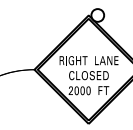
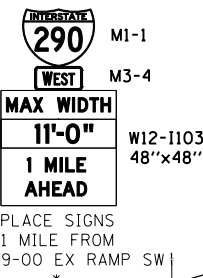
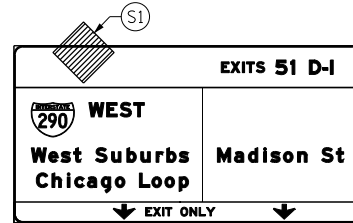
F.A.I. RTE. 90/94/290	SECTION 2013-010R	COUNTY COOK	TOTAL SHEETS 747	SHEET NO. 98AM
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				



W20-1103(0)-48

(S1)

(OH1) EXISTING OVERHEAD SIGN



W21-1106(0)-48



W20-1103(0)-48

2000' ±

MATCH LINE STA 45+50.00 NB I-90/94  
SEE SHEET NO. 98AM

RANDOLPH ST

SB I-90/94

NB I-90/94

LAKE ST

FULTON ST

SEE MATCH LINE A  
SEE SHEET NO. 98A0

**NOTES:**

- FOR RAMP CLOSURE RESTRICTIONS AND REQUIREMENTS, SEE "STAGING AND INTERCHANGE RESTRICTIONS" AND "GIRDER ERECTION INFORMATION AND RESTRICTIONS" SPECIAL PROVISIONS.
- FOR RAMP DETOUR INFORMATION, SEE DETOUR PLAN DETAIL SHEETS.
- ALL TEMPORARY PAVEMENT MARKING AND SIGNING INSTALLED DURING RAMP SE CLOSURE TO BE REMOVED AND RESTORED AS PER CURRENT STAGING PRIOR TO RAMP SE OPENING TO TRAFFIC.

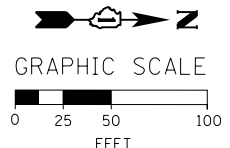
\* FROM PREVIOUS STAGE TO REMAIN

**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMP ATTN TEMP FRN TL3
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (L) IMP ATTN REL FRN TL3

**LEGEND:**

- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- SIGN
- ARROW BOARD
- REMOVAL LIMITS
- TEMPORARY PAVEMENT



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D160W28-sht-Staging3-RampSE-CL-03.dgn  
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 PLOT SCALE = 50.0000' / in.  
 PLOT DATE = 4/28/2014

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 CHECKED - KCF  
 DATE - 04/28/14

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 REVISED -

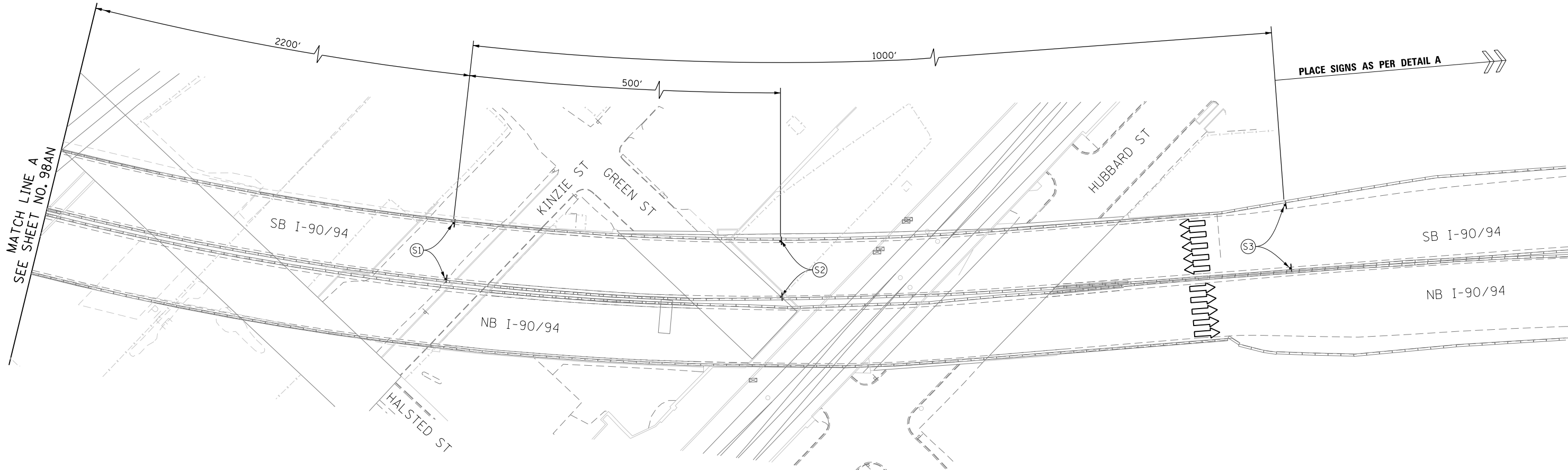
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN  
MAINLINE STAGING 3A-3C - RAMP SE CLOSURE

SCALE: 1" = 50' SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	98AN
CONTRACT NO. 60W28				

ILLINOIS FED. AID PROJECT



**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMP ATTN TEMP FRN TL3
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (L) IMP ATTN REL FRN TL3

**LEGEND:**

- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL SIGN
- ARROW BOARD
- REMOVAL LIMITS
- TEMPORARY PAVEMENT

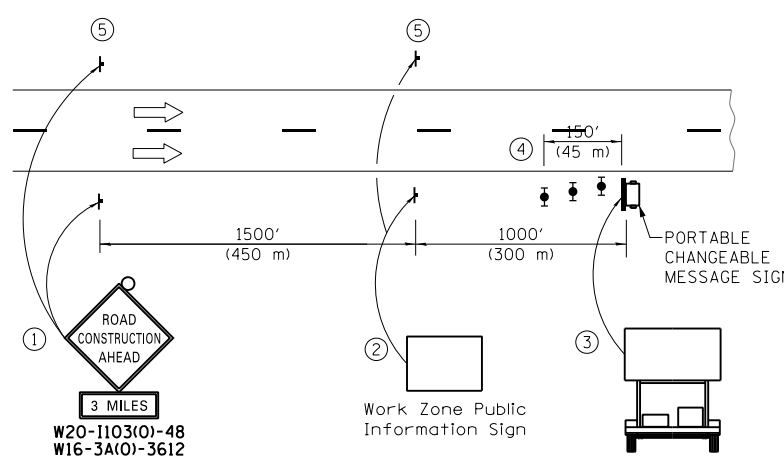
- NOTES:**
- FOR RAMP CLOSURE RESTRICTIONS AND REQUIREMENTS, SEE "STAGING AND INTERCHANGE RESTRICTIONS" AND "GIRDER ERECTION INFORMATION AND RESTRICTIONS" SPECIAL PROVISIONS.
  - FOR RAMP DETOUR INFORMATION, SEE DETOUR PLAN DETAIL SHEETS.
  - ALL TEMPORARY PAVEMENT MARKING AND SIGNING INSTALLED DURING RAMP SE CLOSURE TO BE REMOVED AND RESTORED AS PER CURRENT STAGING PRIOR TO RAMP SE OPENING TO TRAFFIC.

WORK ZONE  
SPEED LIMIT  
**45**  
PHOTO ENFORCED  
5000' FINE MINIMUM

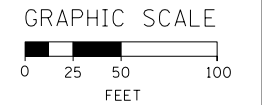
W3-5(O)-48 (S2)

W21-1106(O)-48 (S3)

W2-1115(O)-3618  
R2-1-3648  
R10-1108p-3618  
R2-1106-3618 (S1)



- The Road Construction Ahead sign shall be located 3 to 5 miles in advance of the project limits.
- The message and size of the Work Zone Public Information Sign shall be as specified by the Department.
- The message board shall be used to display status of lanes within the project. The primary messages shall be:  
"Right Lane Closed" / " x Miles Ahead"  
"Left Lane Closed" / " x Miles Ahead"  
"All Lanes Open"
- Three, Type II barricades, drums, or vertical barricades at 50' (15 m) centers.
- This sign shall be omitted when median width is less than 10' (3 m).



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DI60W28-sht-Staging3-RampSE-CL-04.dgn  
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CHECKED - KCF	REVISED -
DATE - 04/28/14	REVISED -

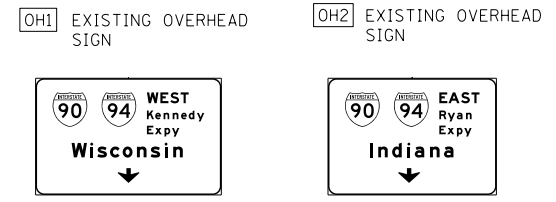
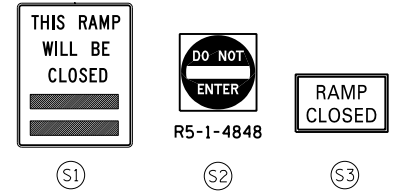
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN  
MAINLINE STAGING 3A-3C - RAMP SE CLOSURE**

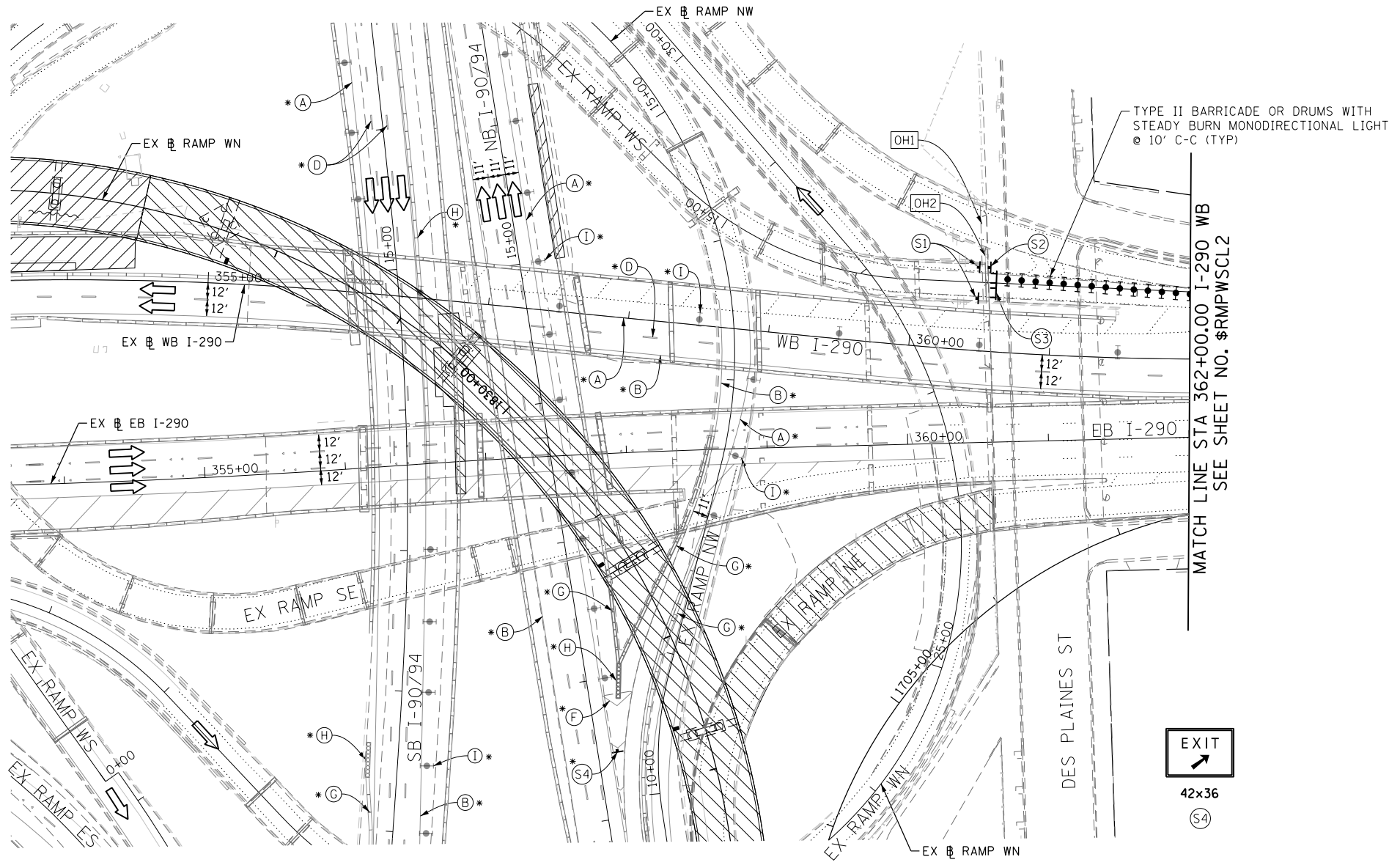
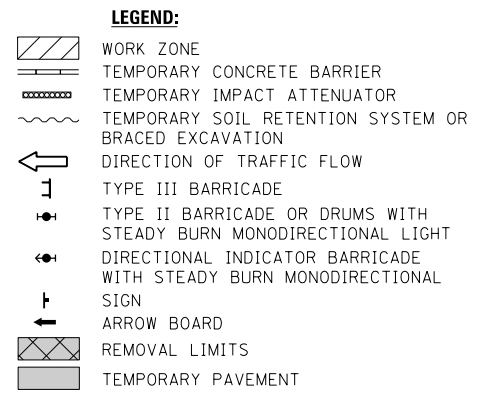
SCALE: 1" = 50' SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-010R	COUNTY COOK	TOTAL SHEETS 747	SHEET NO. 98A0
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	





\* FROM PREVIOUS STAGE TO REMAIN

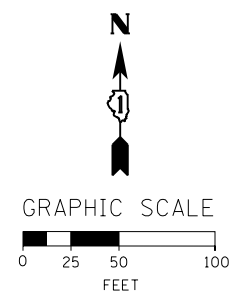


**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
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- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMP ATTN TEMP FRN TL3
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (L) IMP ATTN REL FRN TL3

**NOTES:**

1. FOR RAMP CLOSURE RESTRICTIONS AND REQUIREMENTS, SEE "STAGING AND INTERCHANGE RESTRICTIONS" AND "GIRDER ERECTION INFORMATION AND RESTRICTIONS" SPECIAL PROVISIONS.
2. FOR RAMP DETOUR INFORMATION, SEE DETOUR PLAN DETAIL SHEETS.
3. THE CONTRACTOR SHALL COORDINATE TRAFFIC CONTROL WITH OTHER ADJACENT CONTRACTS WHICH MAY BE UNDER CONSTRUCTION DURING THE DURATION OF THIS PROJECT, SEE "CONTRACTOR COOPERATION" SPECIAL PROVISION.



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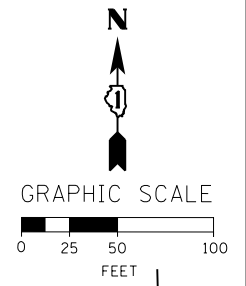
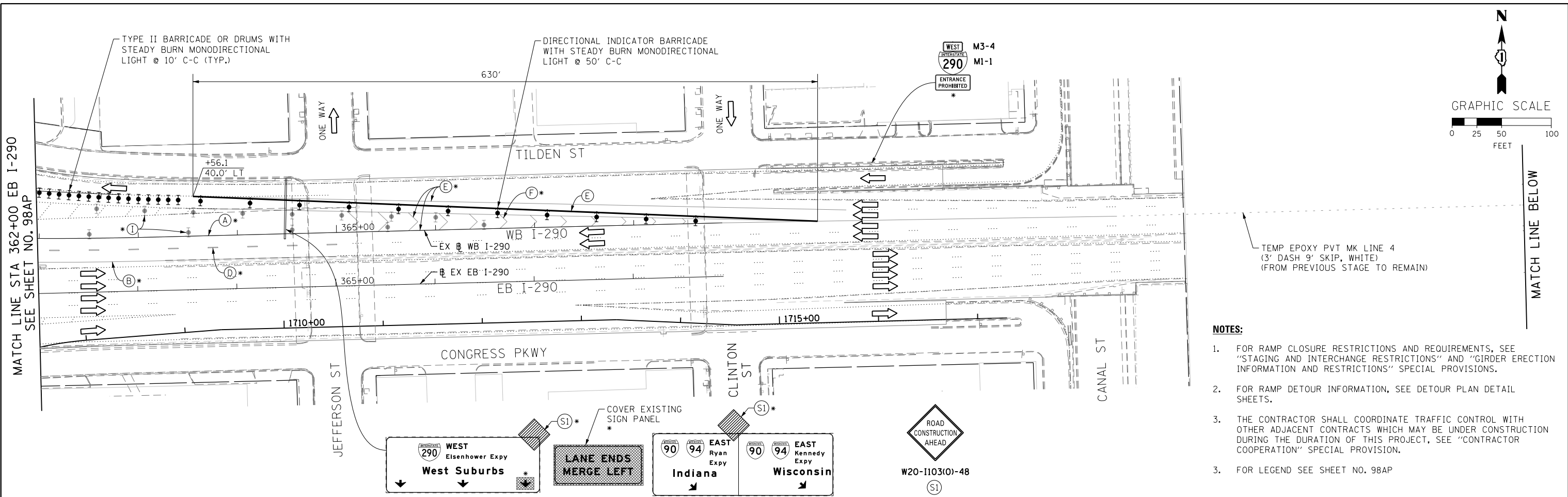
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PLOT DATE = 4/28/2014	DATE - 04/28/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

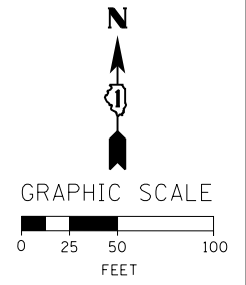
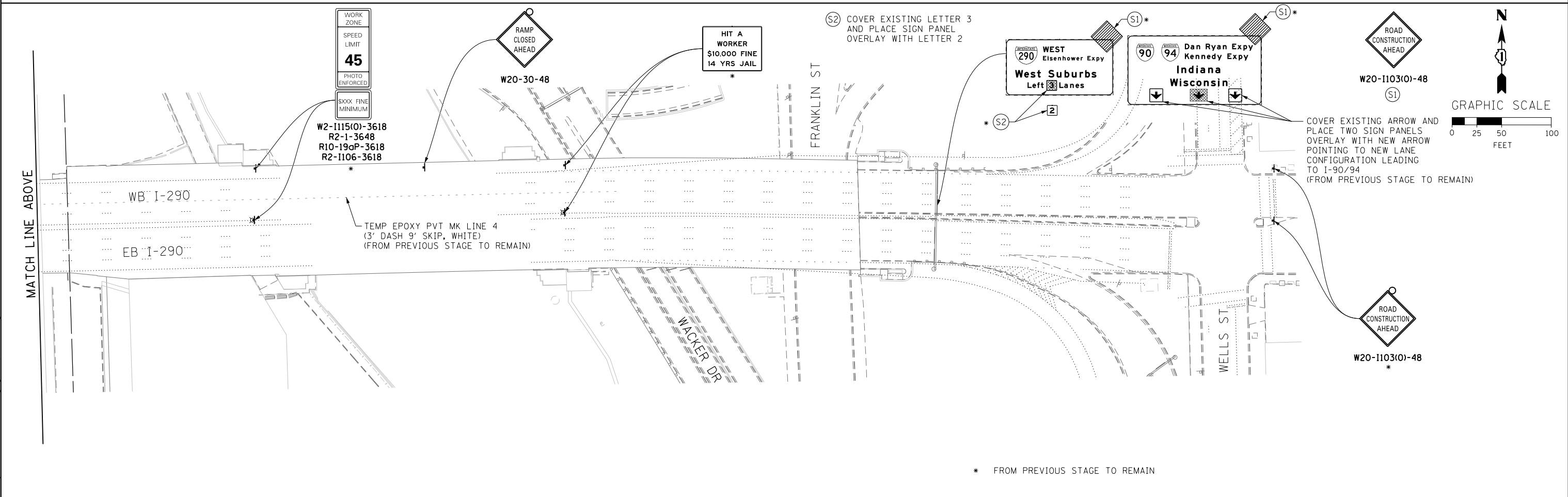
**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN  
MAINLINE STAGING 3A-3C - RAMP WS CLOSURE**

SCALE: 1" = 50' SHEET 1 OF 2 SHEETS STA. 1819+00 TO STA. 16+35

F.A.I. RTE. 90/94/290	SECTION 2013-010R	COUNTY COOK	TOTAL SHEETS 747	SHEET NO. 98AP
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				



- NOTES:**
- FOR RAMP CLOSURE RESTRICTIONS AND REQUIREMENTS, SEE "STAGING AND INTERCHANGE RESTRICTIONS" AND "GIRDER ERECTION INFORMATION AND RESTRICTIONS" SPECIAL PROVISIONS.
  - FOR RAMP DETOUR INFORMATION, SEE DETOUR PLAN DETAIL SHEETS.
  - THE CONTRACTOR SHALL COORDINATE TRAFFIC CONTROL WITH OTHER ADJACENT CONTRACTS WHICH MAY BE UNDER CONSTRUCTION DURING THE DURATION OF THIS PROJECT, SEE "CONTRACTOR COOPERATION" SPECIAL PROVISION.
  - FOR LEGEND SEE SHEET NO. 98AP



\* FROM PREVIOUS STAGE TO REMAIN

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D160W28-Sht-Staging3-RampWS-CL-02.dgn  
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DRAWN - PHP	REVISED -
CHECKED - KCF	REVISED -
DATE - 04/28/14	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN  
 MAINLINE STAGING 3A-3C - RAMP WS CLOSURE**

SCALE: 1" = 50'    SHEET 2 OF 2 SHEETS    STA.    TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-010R	COUNTY COOK	TOTAL SHEETS 747	SHEET NO. 60W28
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W28	



0 2000 4000  
SCALE: 1" = 1000'

FRI MM/DD 10:00 PM  
**SB I-90/94**  
**ARMITAGE AVE**  
**TO CIRCLE INTERCHANGE**

EAST  
INTERSTATE 90 INTERSTATE 94  
CLOSED AT  
I-290  
FOLLOW DETOUR

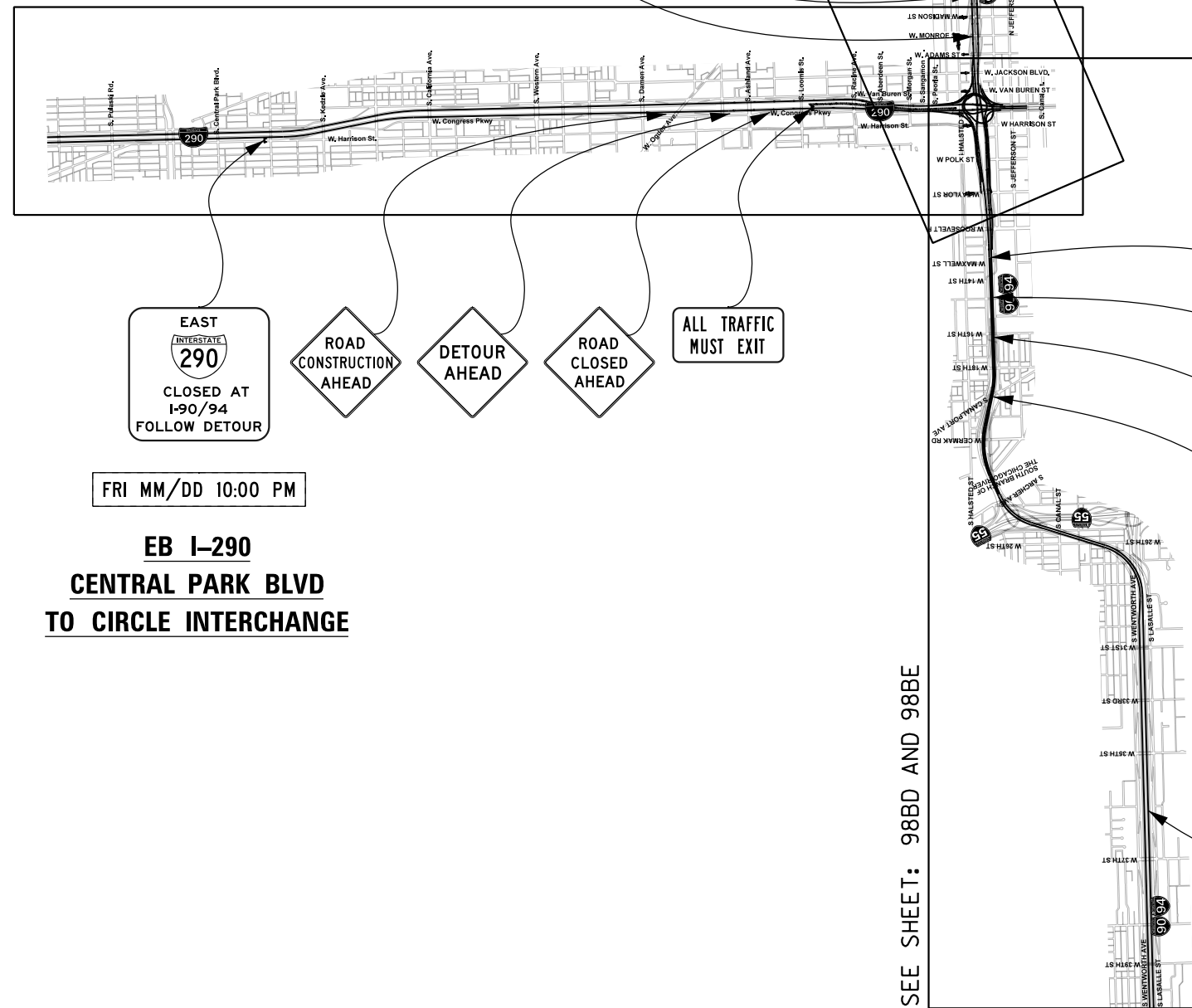
ROAD  
CONSTRUCTION  
AHEAD

DETOUR  
AHEAD

ROAD  
CLOSED  
AHEAD

ALL TRAFFIC  
MUST EXIT

SEE SHEET: 98BB



EAST  
INTERSTATE 290  
CLOSED AT  
I-90/94  
FOLLOW DETOUR

ROAD  
CONSTRUCTION  
AHEAD

DETOUR  
AHEAD

ROAD  
CLOSED  
AHEAD

ALL TRAFFIC  
MUST EXIT

FRI MM/DD 10:00 PM

**EB I-290**  
**CENTRAL PARK BLVD**  
**TO CIRCLE INTERCHANGE**

ALL TRAFFIC  
MUST EXIT

ROAD  
CLOSED  
AHEAD

DETOUR  
AHEAD

ROAD  
CONSTRUCTION  
AHEAD

WEST  
INTERSTATE 90 INTERSTATE 94  
CLOSED AT  
I-290  
FOLLOW DETOUR

FRI MM/DD 10:00 PM

**EB I-290**  
**37TH ST**  
**TO CIRCLE INTERCHANGE**

SEE SHEET: 98BD AND 98BE

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REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MAINLINE GIRDER ERECTION CLOSURES  
SPECIAL CLOSURES OVERVIEW

SCALE: 1" = 1000' SHEET 2 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	98BA
				CONTRACT NO. 60W28
ILLINOIS FED. AID PROJECT				



W20-1103-48

1



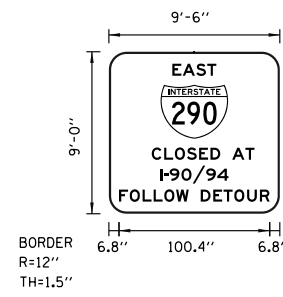
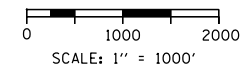
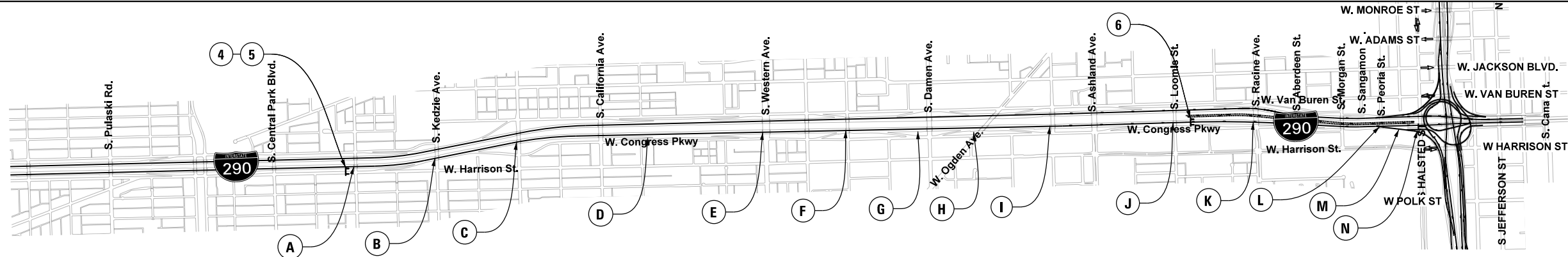
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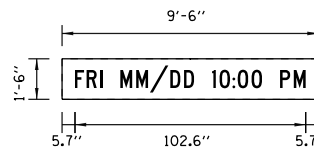
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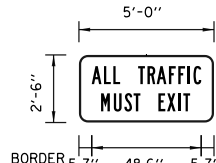
BLACK LETTERING ON ORANGE BACKGROUND

4



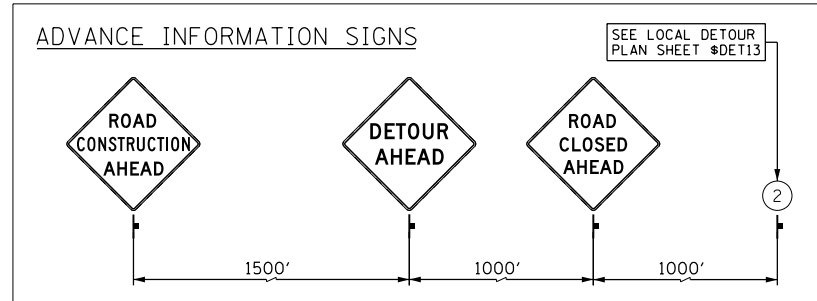
BLACK LETTERING ON ORANGE BACKGROUND

5



BLACK LETTERING ON ORANGE BACKGROUND

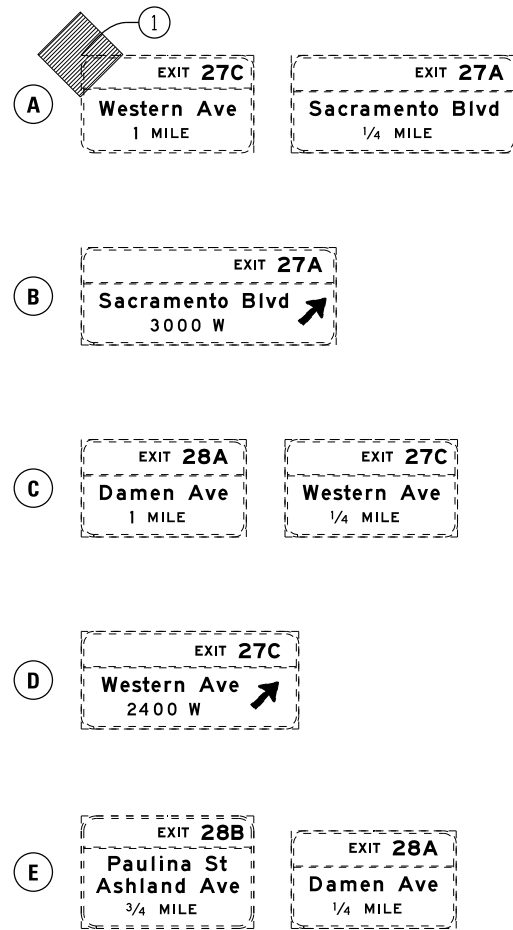
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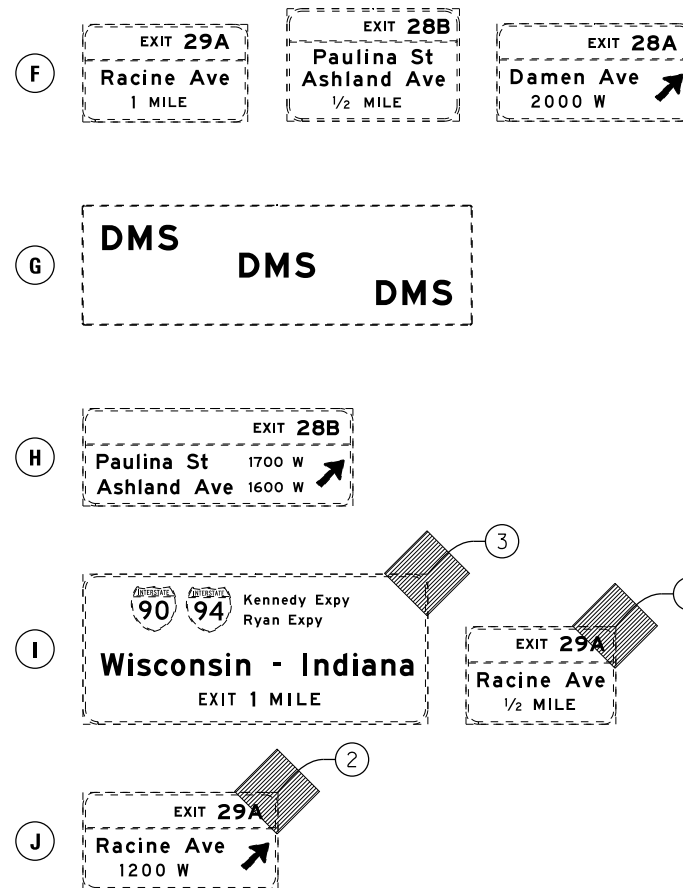
LEGEND

- EXISTING SIGN
- PROPOSED SIGN
- GROUND MOUNTED SIGN BARRICADE TYPE III

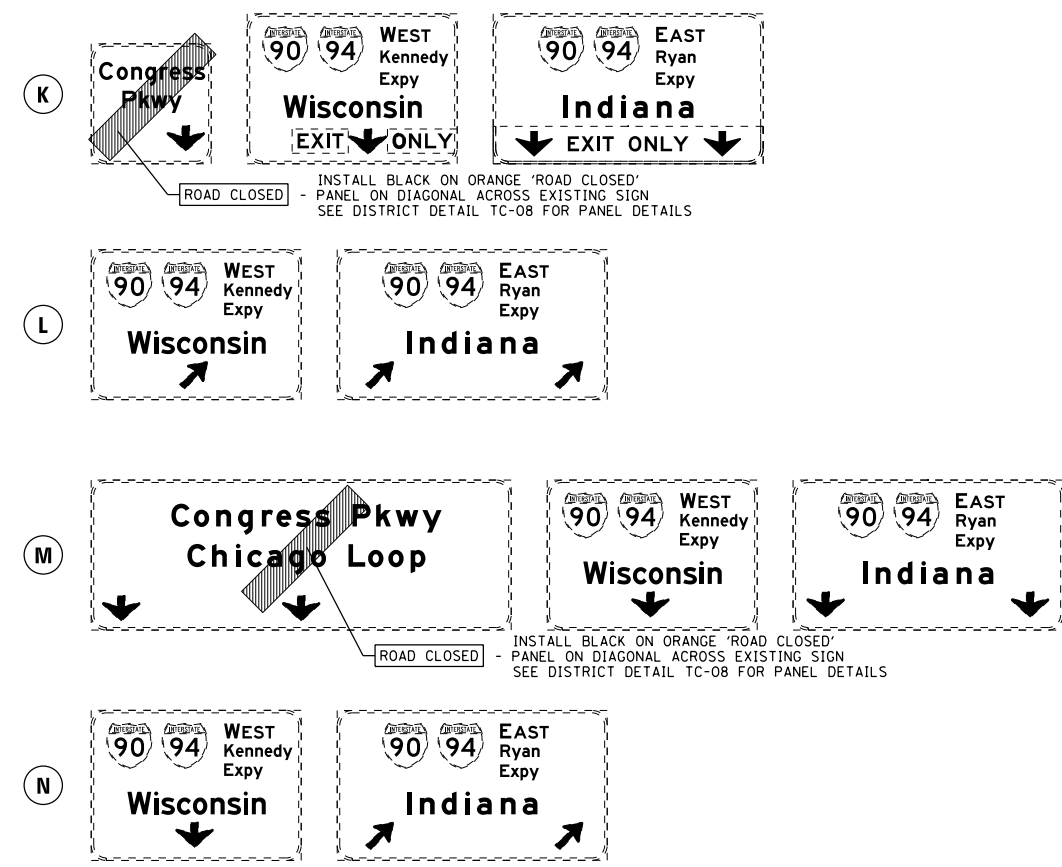
EB I-290 - CENTRAL PARK BLVD TO CIRCLE INTERCHANGE



EB I-290 - CENTRAL PARK BLVD TO CIRCLE INTERCHANGE CONT'D



EB I-290 - CENTRAL PARK BLVD TO CIRCLE INTERCHANGE CONT'D



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DATE - 04/28/14

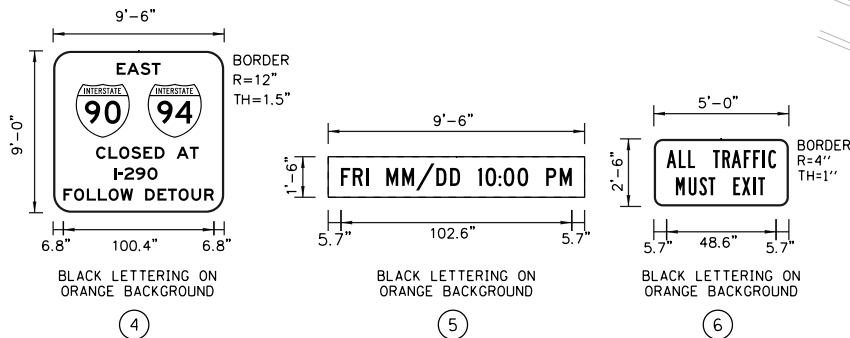
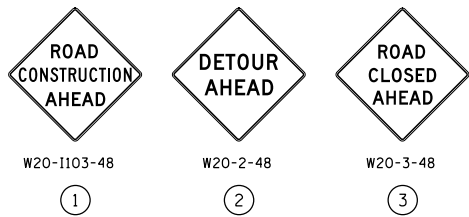
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

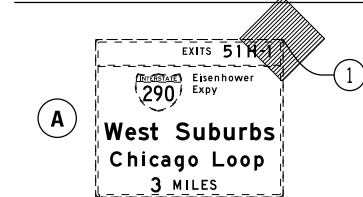
MAINLINE GIRDER ERECTION CLOSURES  
TEMPORARY SIGNING PLANS - EB I-290

SCALE: 1" = 1000' SHEET 2 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	98BB
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				

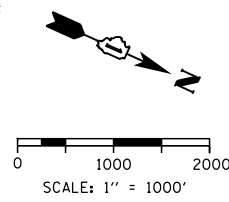
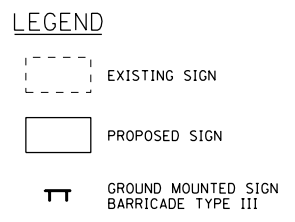
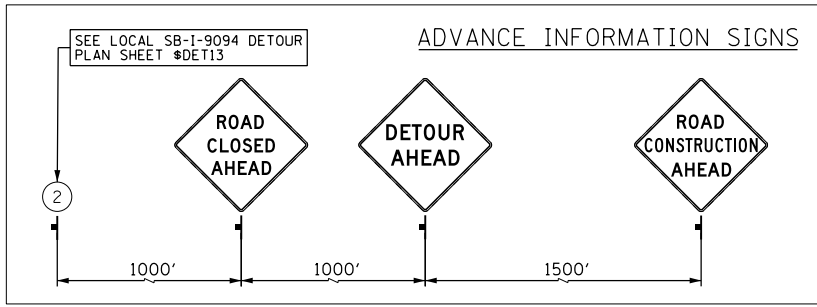
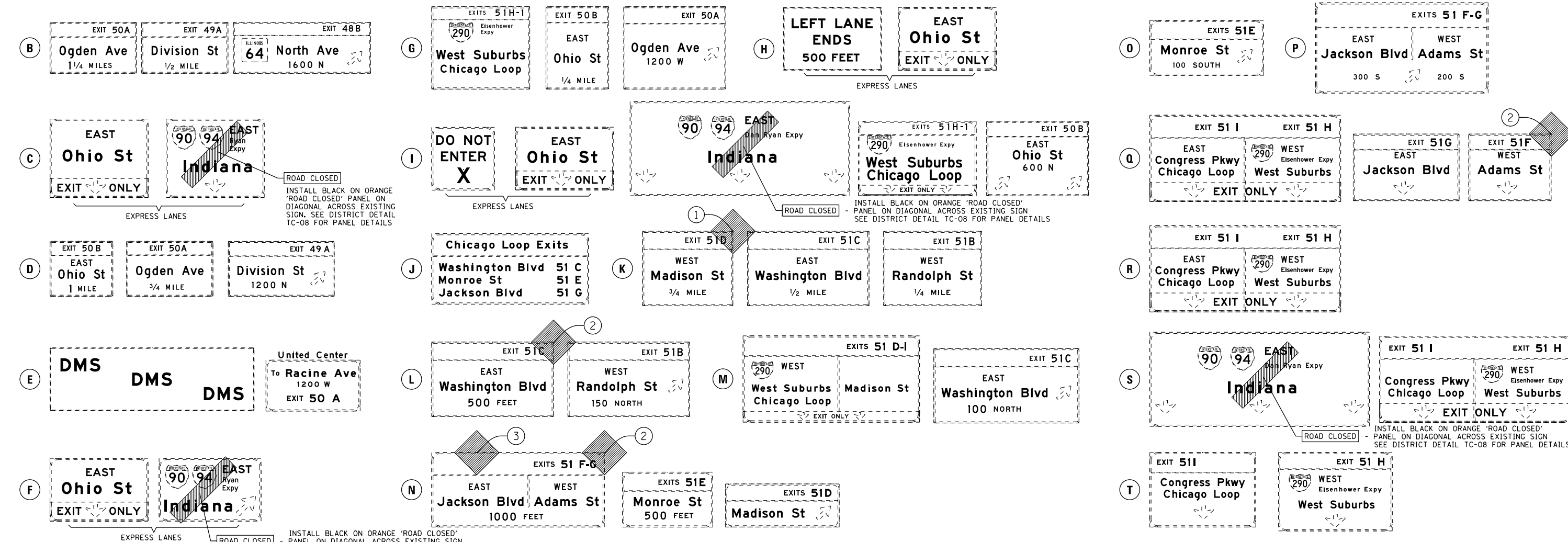


SB I-90/94 - ARMITAGE TO CIRCLE INTERCHANGE



SB I-90/94 - ARMITAGE TO CIRCLE INTERCHANGE CONT'D

SB I-90/94 - ARMITAGE TO CIRCLE INTERCHANGE CONT'D



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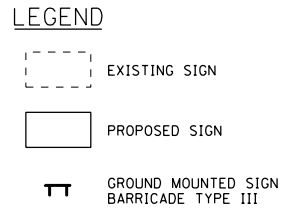
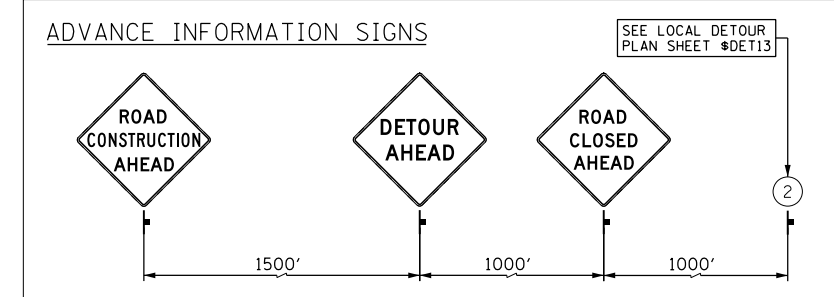
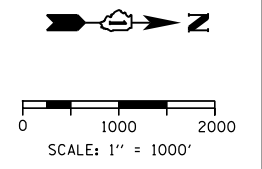
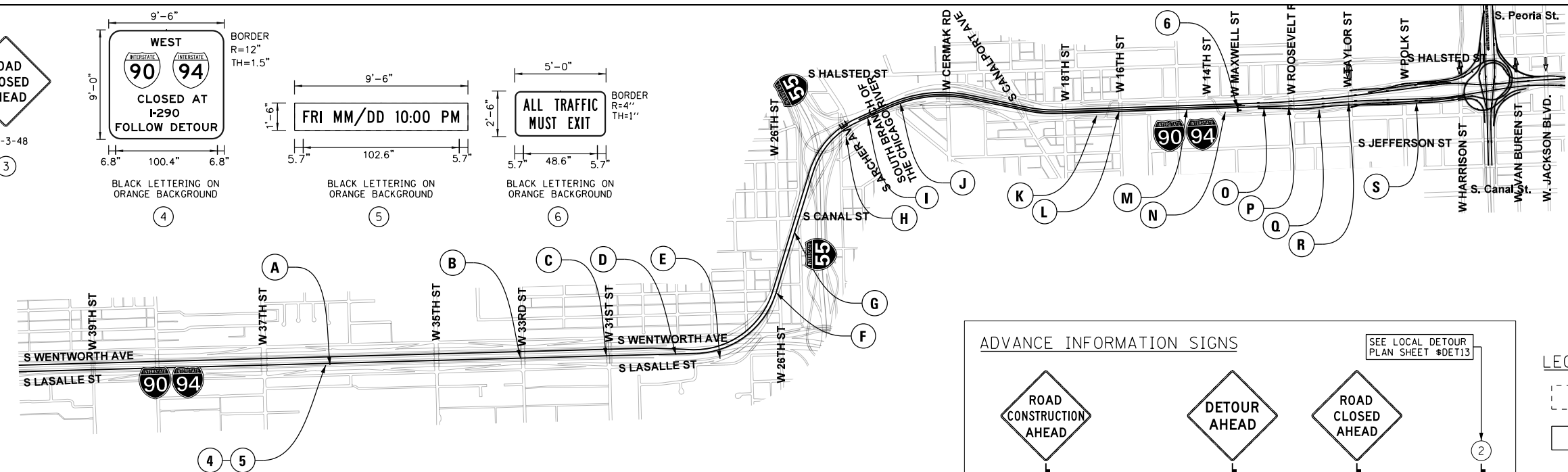
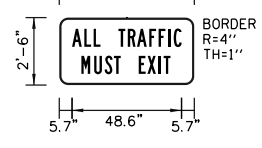
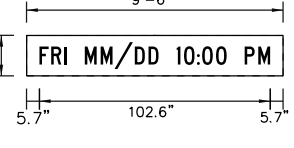
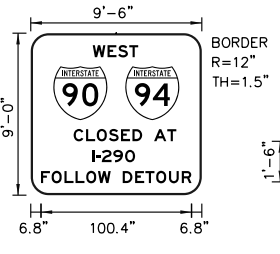
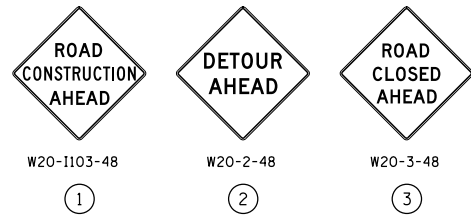


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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

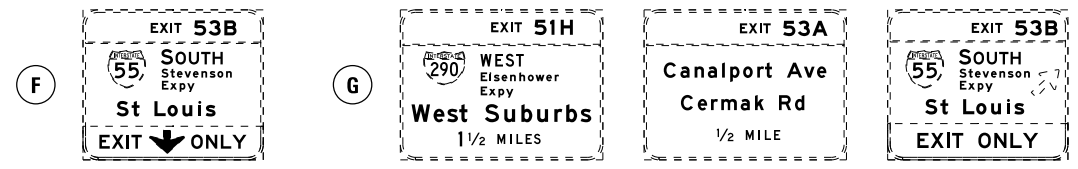
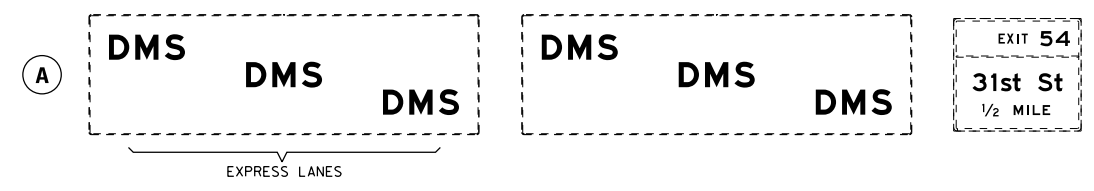
MAINLINE GIRDER ERECTION CLOSURES  
TEMPORARY SIGNING PLAN - SB I-90/94  
SCALE: 1" = 1000' SHEET 3 OF 8 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-010R	COUNTY COOK	TOTAL SHEETS 747	SHEET NO. 98BC
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				

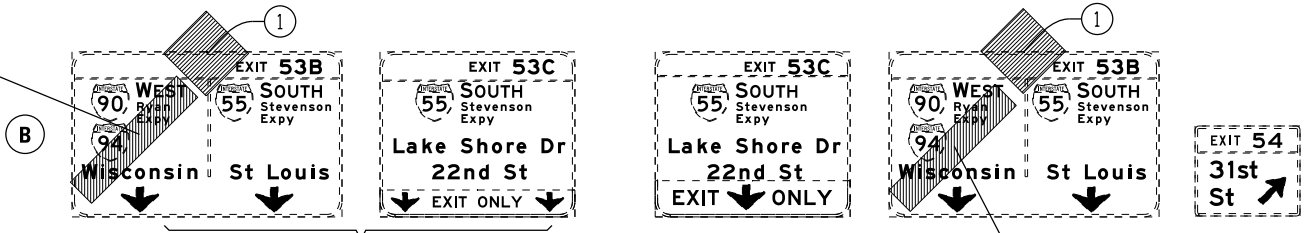


NB I-90/94 - 37TH ST TO CIRCLE INTERCHANGE

NB I-90/94 - 37TH ST TO CIRCLE INTERCHANGE CONT'D

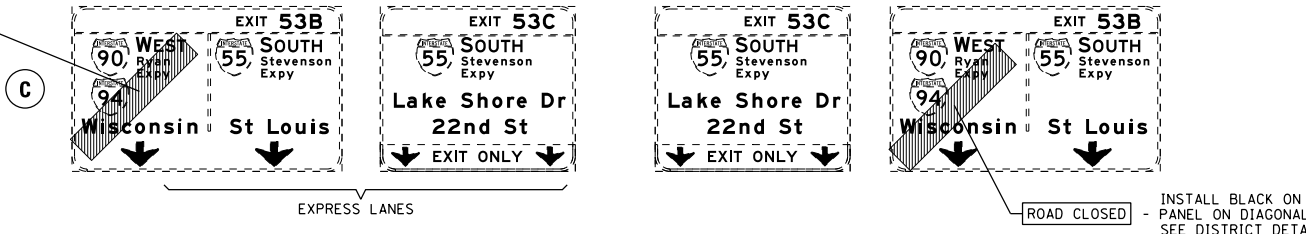


INSTALL BLACK ON ORANGE 'ROAD CLOSED' PANEL ON DIAGONAL ACROSS EXISTING SIGN. SEE DISTRICT DETAIL TC-08 FOR PANEL DETAILS

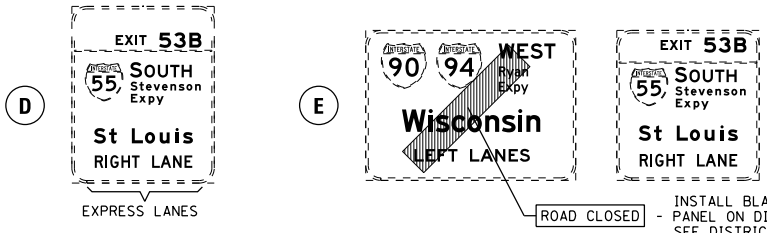


INSTALL BLACK ON ORANGE 'ROAD CLOSED' PANEL ON DIAGONAL ACROSS EXISTING SIGN. SEE DISTRICT DETAIL TC-08 FOR PANEL DETAILS

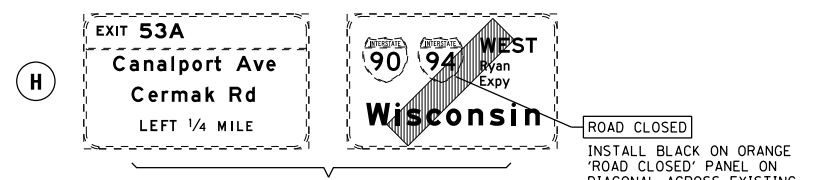
INSTALL BLACK ON ORANGE 'ROAD CLOSED' PANEL ON DIAGONAL ACROSS EXISTING SIGN. SEE DISTRICT DETAIL TC-08 FOR PANEL DETAILS



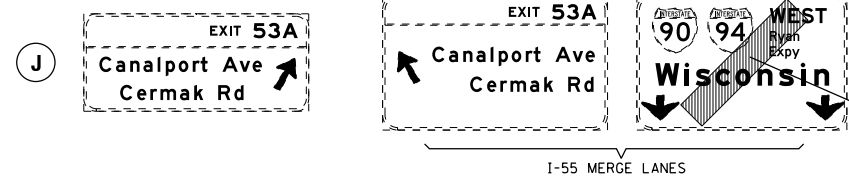
INSTALL BLACK ON ORANGE 'ROAD CLOSED' PANEL ON DIAGONAL ACROSS EXISTING SIGN. SEE DISTRICT DETAIL TC-08 FOR PANEL DETAILS



INSTALL BLACK ON ORANGE 'ROAD CLOSED' PANEL ON DIAGONAL ACROSS EXISTING SIGN. SEE DISTRICT DETAIL TC-08 FOR PANEL DETAILS



INSTALL BLACK ON ORANGE 'ROAD CLOSED' PANEL ON DIAGONAL ACROSS EXISTING SIGN. SEE DISTRICT DETAIL TC-08 FOR PANEL DETAILS



INSTALL BLACK ON ORANGE 'ROAD CLOSED' PANEL ON DIAGONAL ACROSS EXISTING SIGN. SEE DISTRICT DETAIL TC-08 FOR PANEL DETAILS

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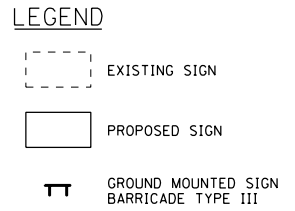
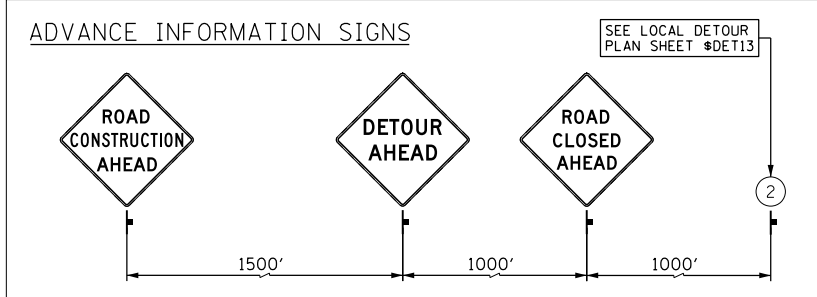
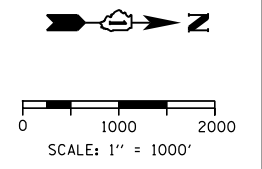
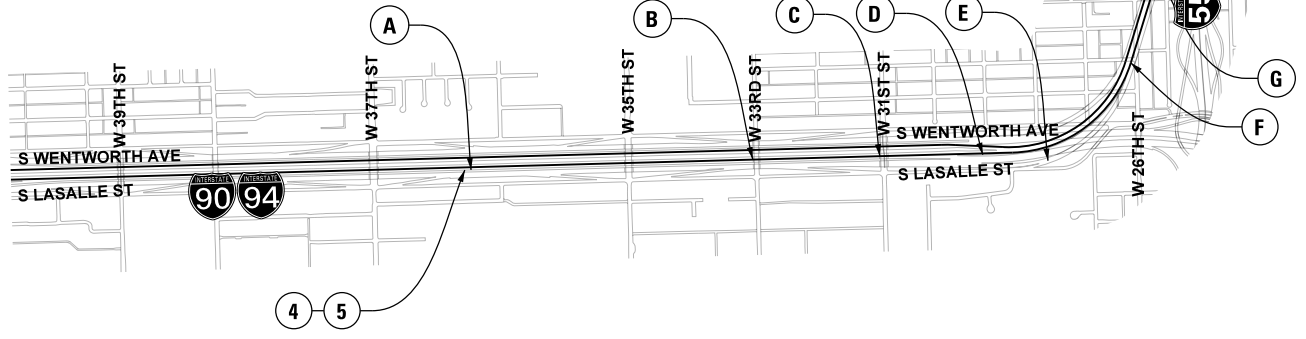
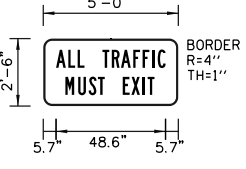
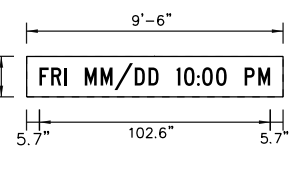
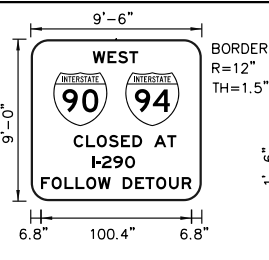
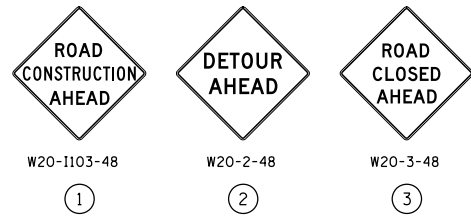
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

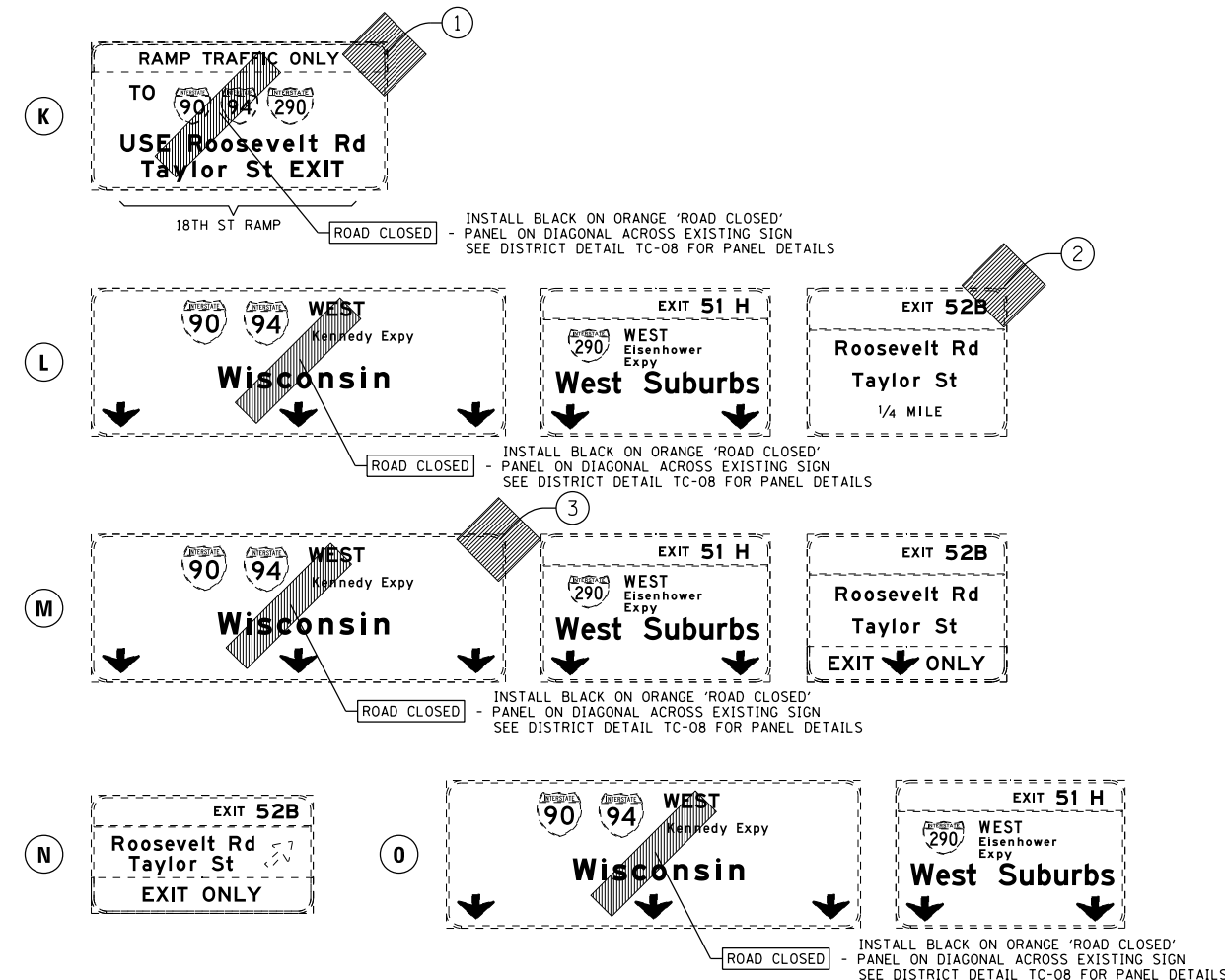
MAINLINE GIRDER ERECTION CLOSURES  
TEMPORARY SIGNING PLAN - NB I-90/94

SCALE: 1" = 1000' SHEET 4 OF 8 SHEETS STA. TO STA.

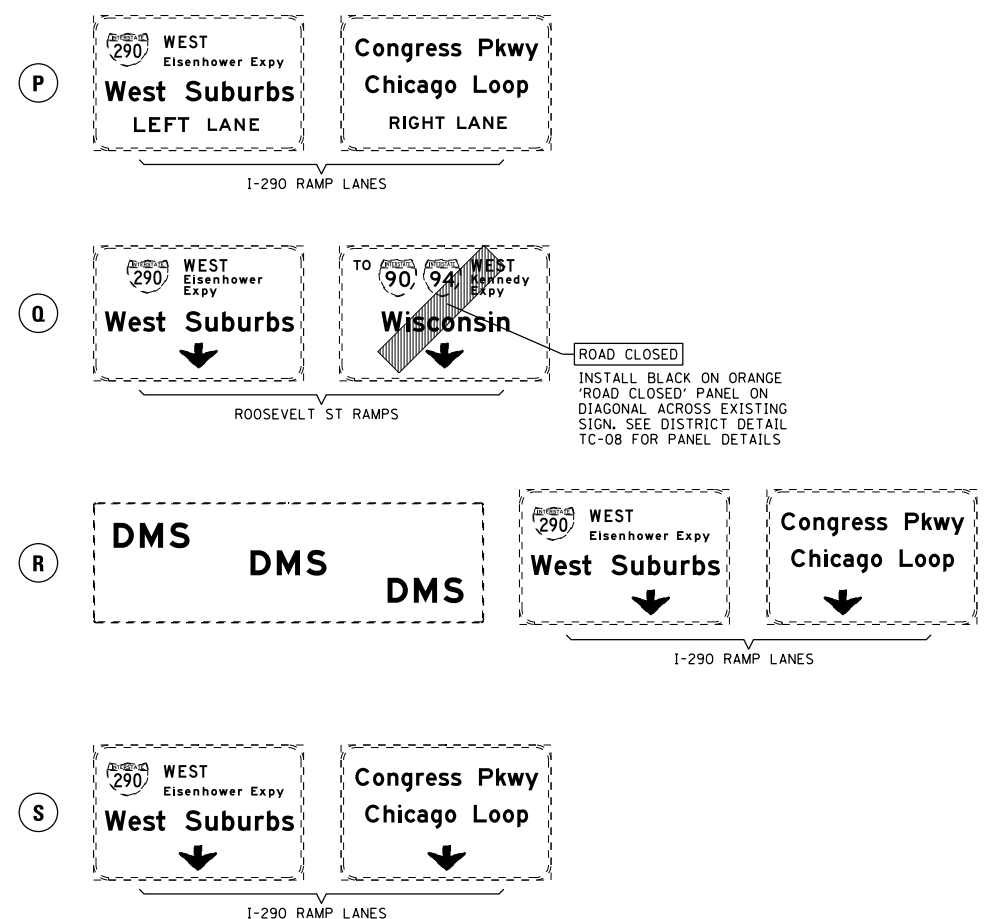
F.A.I. RTE. 90/94/290	SECTION 2013-010R	COUNTY COOK	TOTAL SHEETS 747	SHEET NO. 988D
CONTRACT NO. 60W28				ILLINOIS FED. AID PROJECT



NB I-90/94 - 37TH ST TO CIRCLE INTERCHANGE CONT'D



NB I-90/94 - 37TH ST TO CIRCLE INTERCHANGE CONT'D



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D16028-sht-Staging\_GE-04.dgn  
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

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

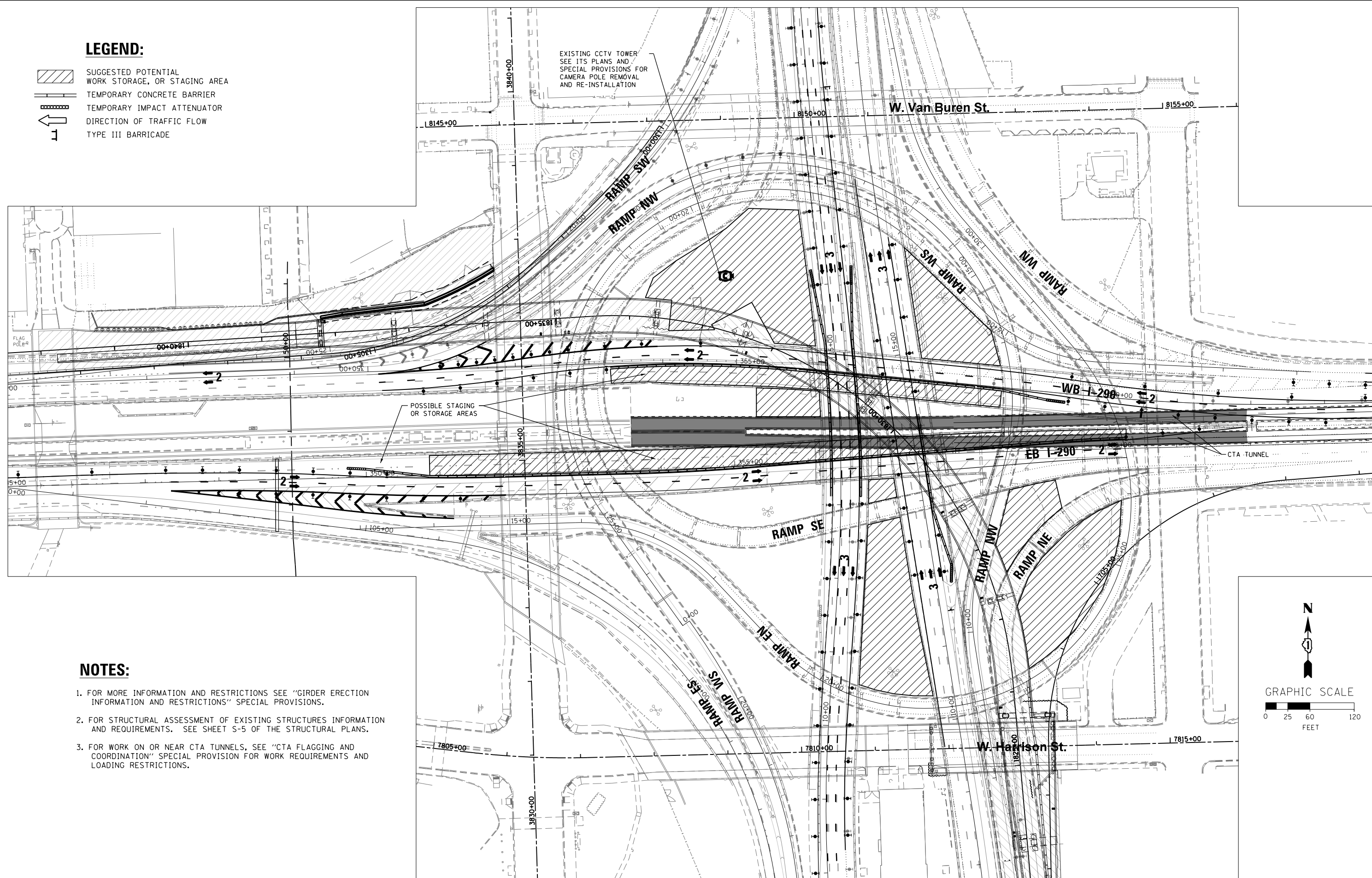
MAINLINE GIRDER ERECTION CLOSURES  
 TEMPORARY SIGNING PLAN - NB I-90/94  
 SCALE: 1" = 1000' SHEET 5 OF 8 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-010R	COUNTY COOK	TOTAL SHEETS 747	SHEET NO. 98BE
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	



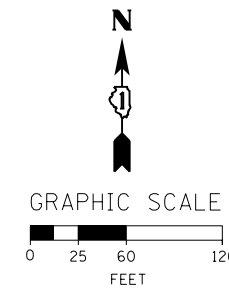
**LEGEND:**

-  SUGGESTED POTENTIAL WORK STORAGE, OR STAGING AREA
-  TEMPORARY CONCRETE BARRIER
-  TEMPORARY IMPACT ATTENUATOR
-  DIRECTION OF TRAFFIC FLOW
-  TYPE III BARRICADE



**NOTES:**

1. FOR MORE INFORMATION AND RESTRICTIONS SEE "GIRDER ERECTION INFORMATION AND RESTRICTIONS" SPECIAL PROVISIONS.
2. FOR STRUCTURAL ASSESSMENT OF EXISTING STRUCTURES INFORMATION AND REQUIREMENTS. SEE SHEET S-5 OF THE STRUCTURAL PLANS.
3. FOR WORK ON OR NEAR CTA TUNNELS, SEE "CTA FLAGGING AND COORDINATION" SPECIAL PROVISION FOR WORK REQUIREMENTS AND LOADING RESTRICTIONS.



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**








**MAINLINE GIRDER ERECTION CLOSURES  
STAGING PLAN OVERVIEW**

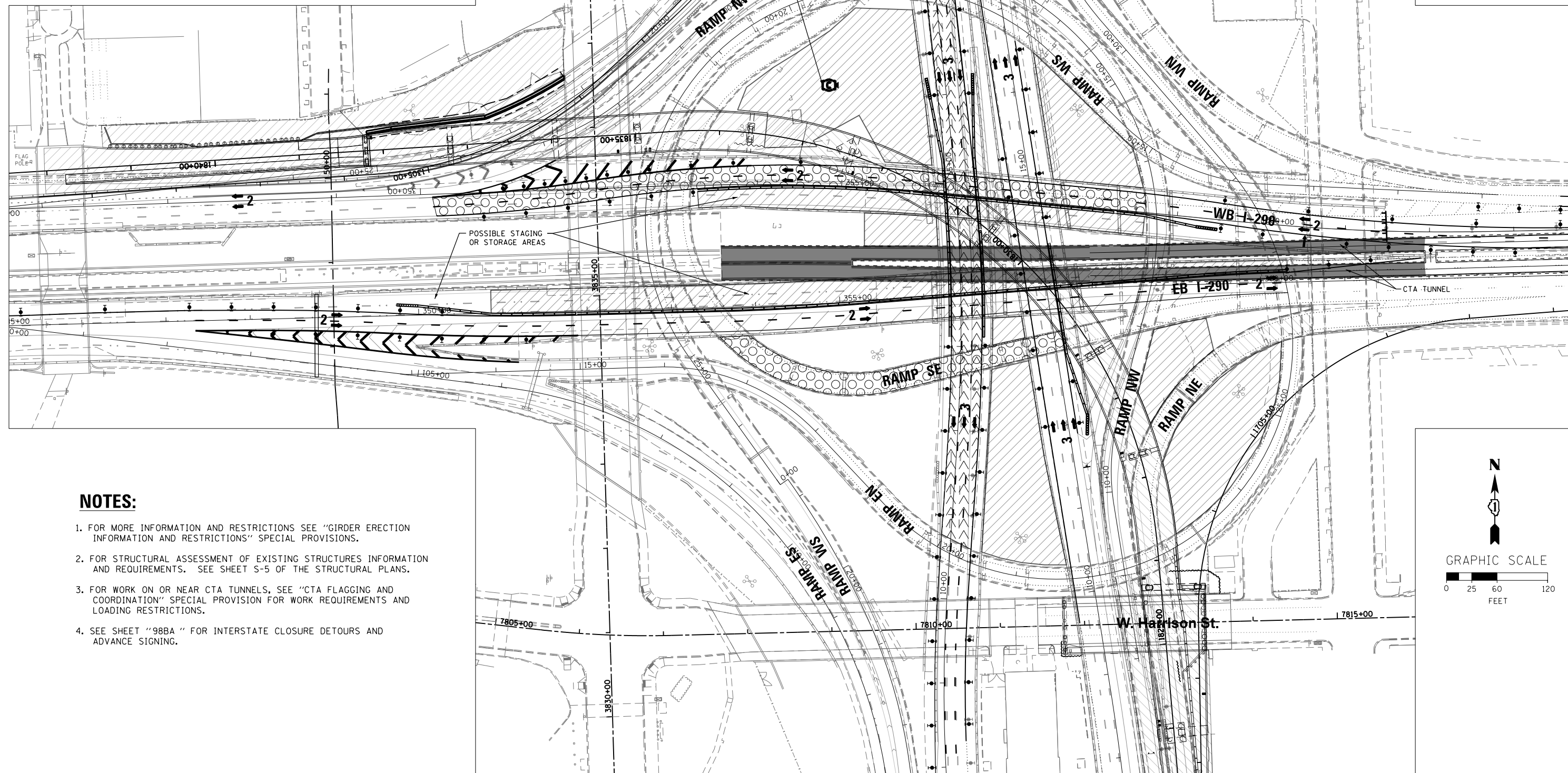
SCALE: 1" = 50' SHEET 6 OF 8 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-010R	COUNTY COOK	TOTAL SHEETS 747	SHEET NO. 98BF
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	



**LEGEND:**

-  SUGGESTED POTENTIAL WORK STORAGE, OR STAGING AREA
-  TEMPORARY CONCRETE BARRIER
-  TEMPORARY IMPACT ATTENUATOR
-  DIRECTION OF TRAFFIC FLOW
-  TYPE III BARRICADE
-  SUGGESTED POTENTIAL I-90/94 FULL CLOSURE
-  SUGGESTED POTENTIAL I-290 AND RAMP SE FULL CLOSURES

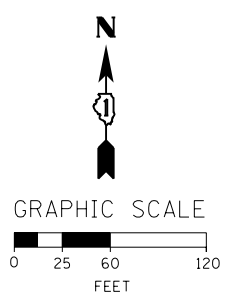


EXISTING CCTV TOWER  
SEE ITS PLANS AND  
SPECIAL PROVISIONS FOR  
CAMERA POLE REMOVAL  
AND RE-INSTALLATION

POSSIBLE STAGING  
OR STORAGE AREAS

**NOTES:**

1. FOR MORE INFORMATION AND RESTRICTIONS SEE "GIRDER ERECTION INFORMATION AND RESTRICTIONS" SPECIAL PROVISIONS.
2. FOR STRUCTURAL ASSESSMENT OF EXISTING STRUCTURES INFORMATION AND REQUIREMENTS. SEE SHEET S-5 OF THE STRUCTURAL PLANS.
3. FOR WORK ON OR NEAR CTA TUNNELS, SEE "CTA FLAGGING AND COORDINATION" SPECIAL PROVISION FOR WORK REQUIREMENTS AND LOADING RESTRICTIONS.
4. SEE SHEET "98BA" FOR INTERSTATE CLOSURE DETOURS AND ADVANCE SIGNING.



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




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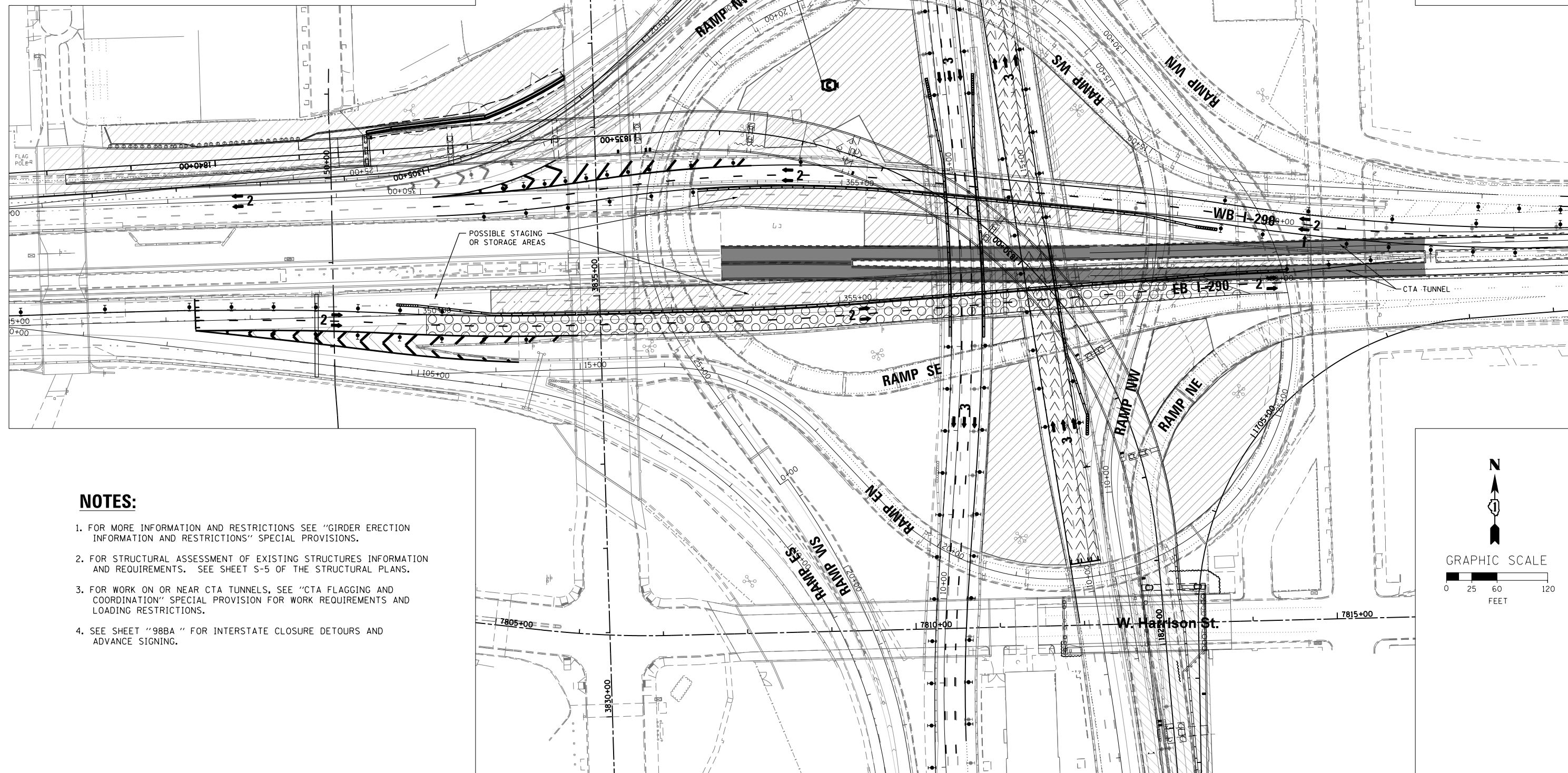
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINLINE GIRDER ERECTION CLOSURES  
PROPOSED SPECIAL CLOSURE - EB I-90/94 AND WB I-290**  
SCALE: 1" = 50' SHEET 7 OF 8 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-010R	COUNTY COOK	TOTAL SHEETS 747	SHEET NO. 98BG
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				

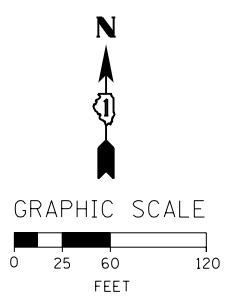
**LEGEND:**

-  SUGGESTED POTENTIAL WORK STORAGE, OR STAGING AREA
-  TEMPORARY CONCRETE BARRIER
-  TEMPORARY IMPACT ATTENUATOR
-  DIRECTION OF TRAFFIC FLOW
-  TYPE III BARRICADE
-  SUGGESTED POTENTIAL I-90/94 FULL CLOSURE
-  SUGGESTED POTENTIAL I-290 AND RAMP SE FULL CLOSURES



**NOTES:**

1. FOR MORE INFORMATION AND RESTRICTIONS SEE "GIRDER ERECTION INFORMATION AND RESTRICTIONS" SPECIAL PROVISIONS.
2. FOR STRUCTURAL ASSESSMENT OF EXISTING STRUCTURES INFORMATION AND REQUIREMENTS. SEE SHEET S-5 OF THE STRUCTURAL PLANS.
3. FOR WORK ON OR NEAR CTA TUNNELS, SEE "CTA FLAGGING AND COORDINATION" SPECIAL PROVISION FOR WORK REQUIREMENTS AND LOADING RESTRICTIONS.
4. SEE SHEET "98BA" FOR INTERSTATE CLOSURE DETOURS AND ADVANCE SIGNING.



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D160W28-sht-Staging GE-07.dgn  
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DESIGNED - OPS	REVISED -
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CHECKED - KCF	REVISED -
DATE - 04/28/14	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**MAINLINE GIRDER ERECTION CLOSURES  
 PROPOSED SPECIAL CLOSURE - WB I-90/94 AND EB I-290**

SCALE: 1" = 50' SHEET 8 OF 8 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-010R	COUNTY COOK	TOTAL SHEETS 747	SHEET NO. 98BH
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	

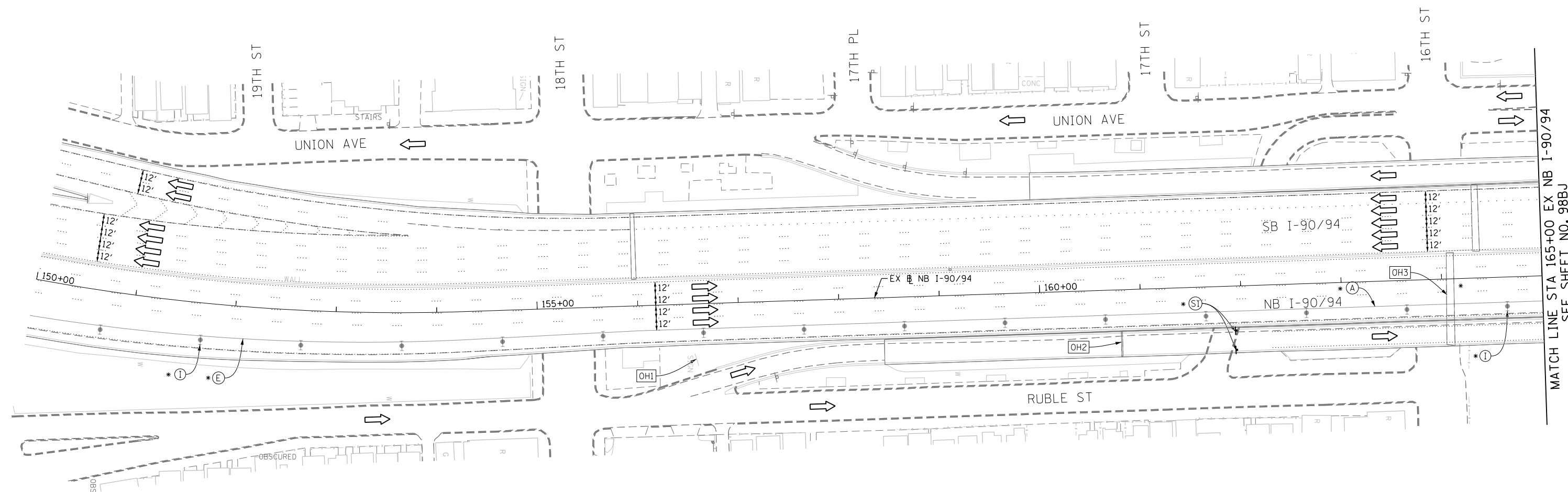
**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMP ATTN TEMP FRN TL3
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (L) IMP ATTN REL FRN TL3

**LEGEND:**

- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- SIGN
- ARROW BOARD
- REMOVAL LIMITS
- TEMPORARY PAVEMENT

\* FROM PREVIOUS TO REMAIN

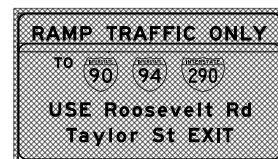
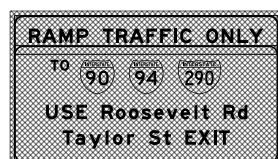


MATCH LINE STA 165+00 EX NB I-90/94 SEE SHEET NO. 98BJ

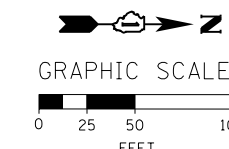
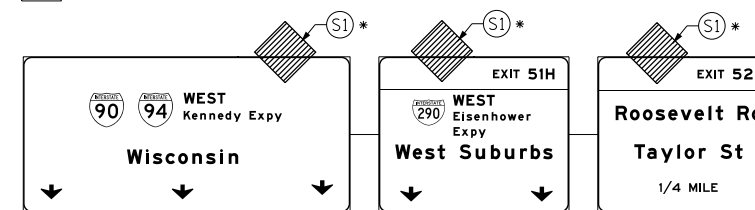
**NOTES:**  
UNLESS NOTED OTHERWISE ALL PAVEMENT MARKING ARE FROM PREVIOUS STAGE

[OH1] COVER EXISTING GROUND MOUNTED SIGN (FROM PREVIOUS STAGE TO REMAIN)

[OH2] COVER EXISTING OVERHEAD SIGN (FROM PREVIOUS STAGE TO REMAIN)



[OH3] EXISTING OVERHEAD SIGNS



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DI60W28-Sht-Staging\_GEP-01.dgn  
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DATE - 04/28/14

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REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN  
GIRDER ERECTION - STAGING PLAN**

SCALE: 1" = 50' SHEET 4 OF 14 SHEETS STA. 150+00 TO STA. 165+00

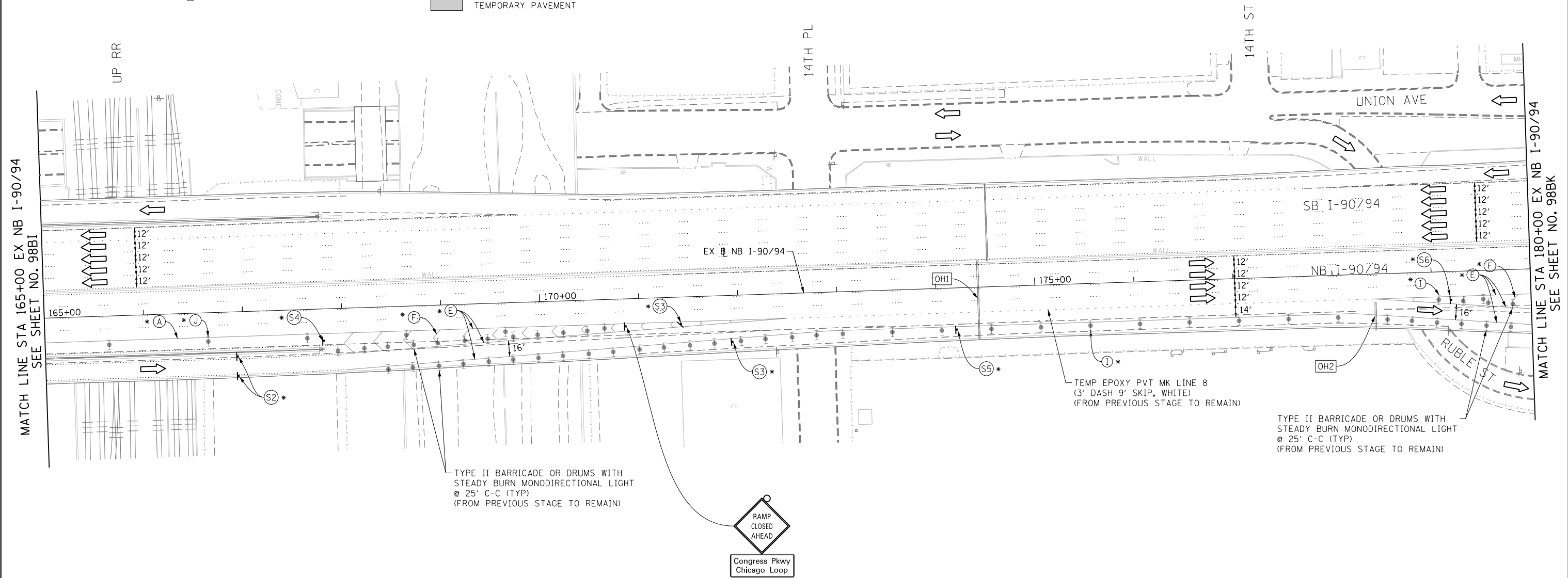
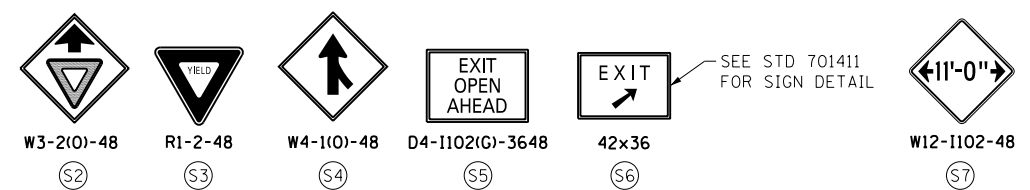
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	98BI
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				

**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

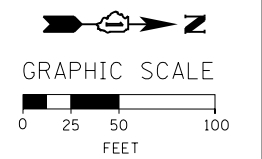
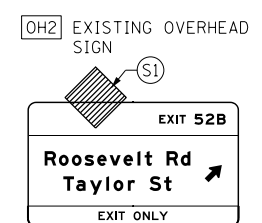
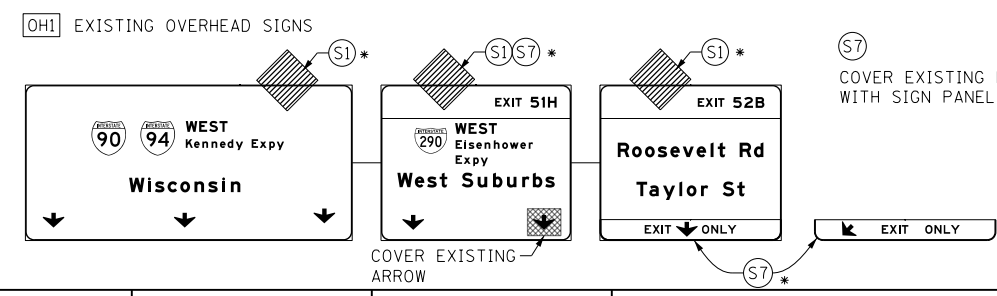
- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMP ATTN TEMP FRN TL3
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (L) IMP ATTN REL FRN TL3

- LEGEND:**
- WORK ZONE
  - TEMPORARY CONCRETE BARRIER
  - TEMPORARY IMPACT ATTENUATOR
  - TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
  - DIRECTION OF TRAFFIC FLOW
  - TYPE III BARRICADE
  - TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
  - DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL SIGN
  - ARROW BOARD
  - REMOVAL LIMITS
  - TEMPORARY PAVEMENT

\* FROM PREVIOUS TO REMAIN



**NOTES:**  
UNLESS NOTED OTHERWISE ALL PAVEMENT MARKING ARE FROM PREVIOUS STAGE



FILE PATH = C:\Projectbase\1660W28-Sht-Staging\_GEP-02.dgn



D160W28-Sht-Staging\_GEP-02.dgn  
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 PLOT SCALE = 50.0000' / in.  
 PLOT DATE = 4/28/2014

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DRAWN - PHP	REVISED -
CHECKED - KCF	REVISED -
DATE - 04/28/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN  
GIRDER ERECTION - STAGING PLAN**  
 SCALE: 1" = 50' SHEET 5 OF 14 SHEETS STA. 165+00 TO STA. 180+00

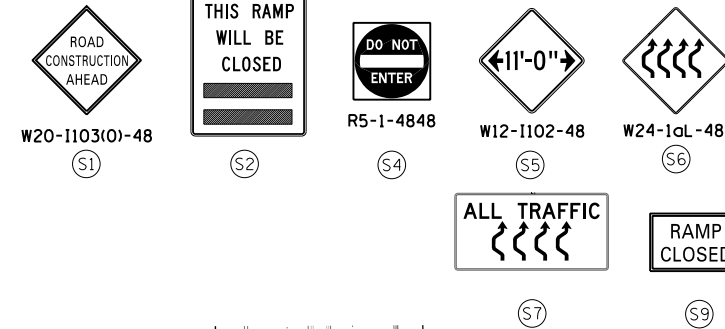
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	98BJ
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				

**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

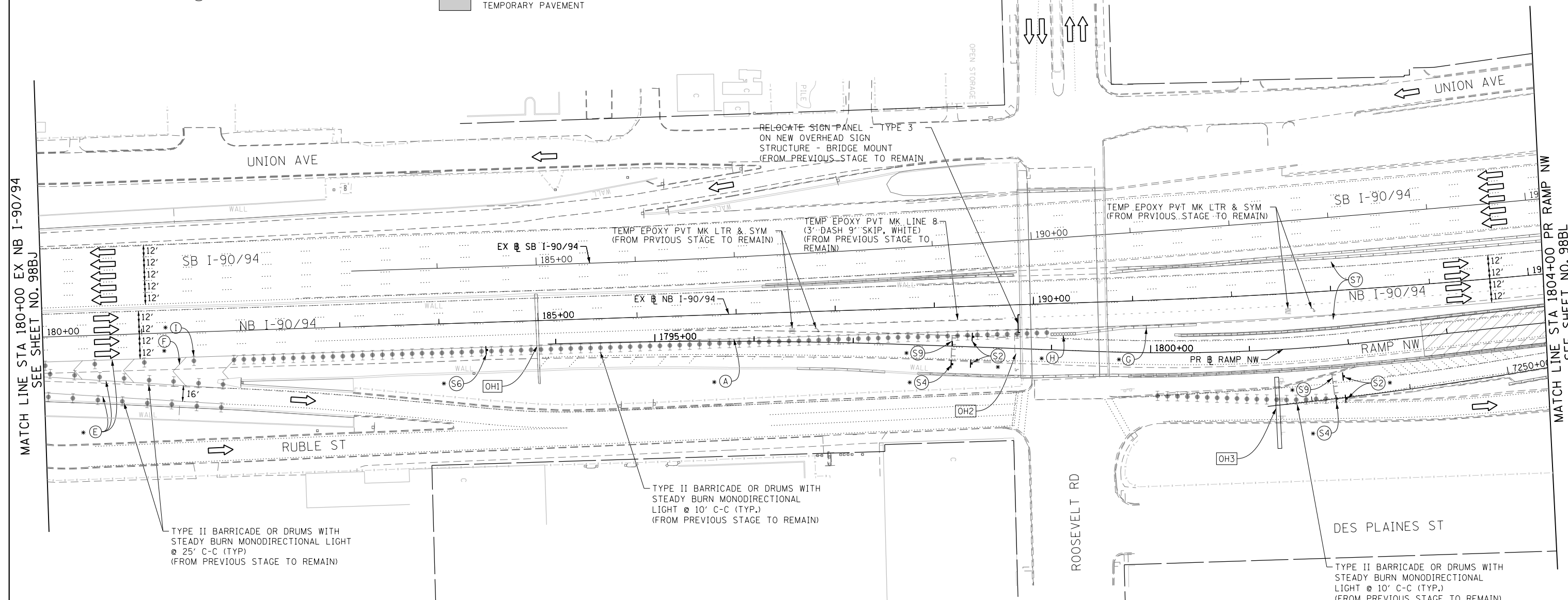
- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMP ATTN TEMP FRN TL3
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (L) IMP ATTN REL FRN TL3

- LEGEND:**
- WORK ZONE
  - TEMPORARY CONCRETE BARRIER
  - TEMPORARY IMPACT ATTENUATOR
  - TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
  - DIRECTION OF TRAFFIC FLOW
  - TYPE III BARRICADE
  - TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
  - DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
  - SIGN
  - ARROW BOARD
  - REMOVAL LIMITS
  - TEMPORARY PAVEMENT

\* FROM PREVIOUS TO REMAIN



NOTE:  
ALL STATION OFFSET ARE FROM EXISTING BASELINE NB I-90/94 UNLESS OTHERWISE NOTED.



**NOTES:**  
UNLESS NOTED OTHERWISE ALL PAVEMENT MARKING ARE FROM PREVIOUS STAGE

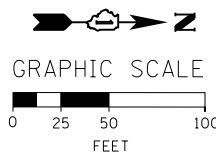
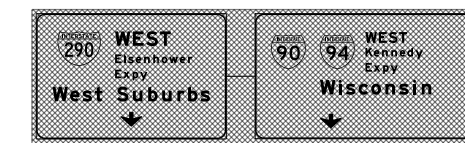
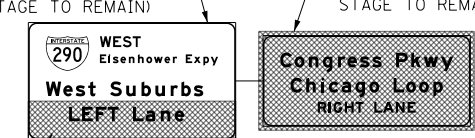
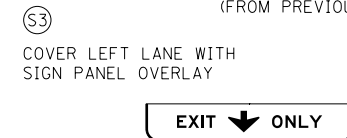
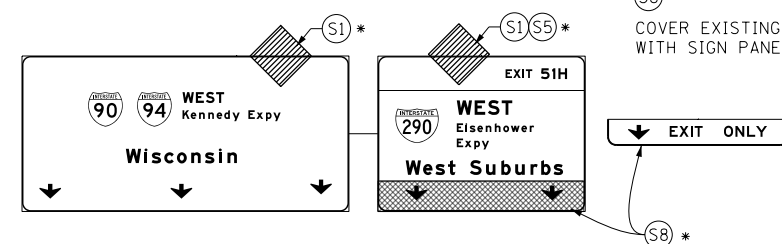
(OH1) EXISTING OVERHEAD SIGNS

(S8) COVER EXISTING ARROWS POINTING DOWN WITH SIGN PANEL OVERLAY

(OH2) EXISTING OVERHEAD SIGNS

RELOCATE SIGN PANEL - TYPE 3 ON NEW OVERHEAD SIGN STRUCTURE - BRIDGE MOUNT (FROM PREVIOUS STAGE TO REMAIN)  
COVER EXISTING SIGN PANEL (FROM PREVIOUS STAGE TO REMAIN)

(OH3) COVER EXISTING OVERHEAD SIGN PANELS (SEE SIGNING PLANS) (FROM PREVIOUS STAGE TO REMAIN)



FILE PATH = C:\Projects\160W28-Sht-Staging\_GEP-03.dgn



D160W28-Sht-Staging\_GEP-03.dgn  
USER NAME = ayeunguh  
PLOT SCALE = 50.0000' / in.  
PLOT DATE = 4/28/2014

DESIGNED - OPS	REVISED -
DRAWN - PHP	REVISED -
CHECKED - KCF	REVISED -
DATE - 04/28/14	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN  
GIRDER ERECTION - STAGING PLAN

SCALE: 1" = 50' SHEET 6 OF 14 SHEETS STA. 180+00 TO STA. 1804+00

F.A.I. RTE. 90/94/290	SECTION 2013-010R	COUNTY COOK	TOTAL SHEETS 747	SHEET NO. 98BK
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				

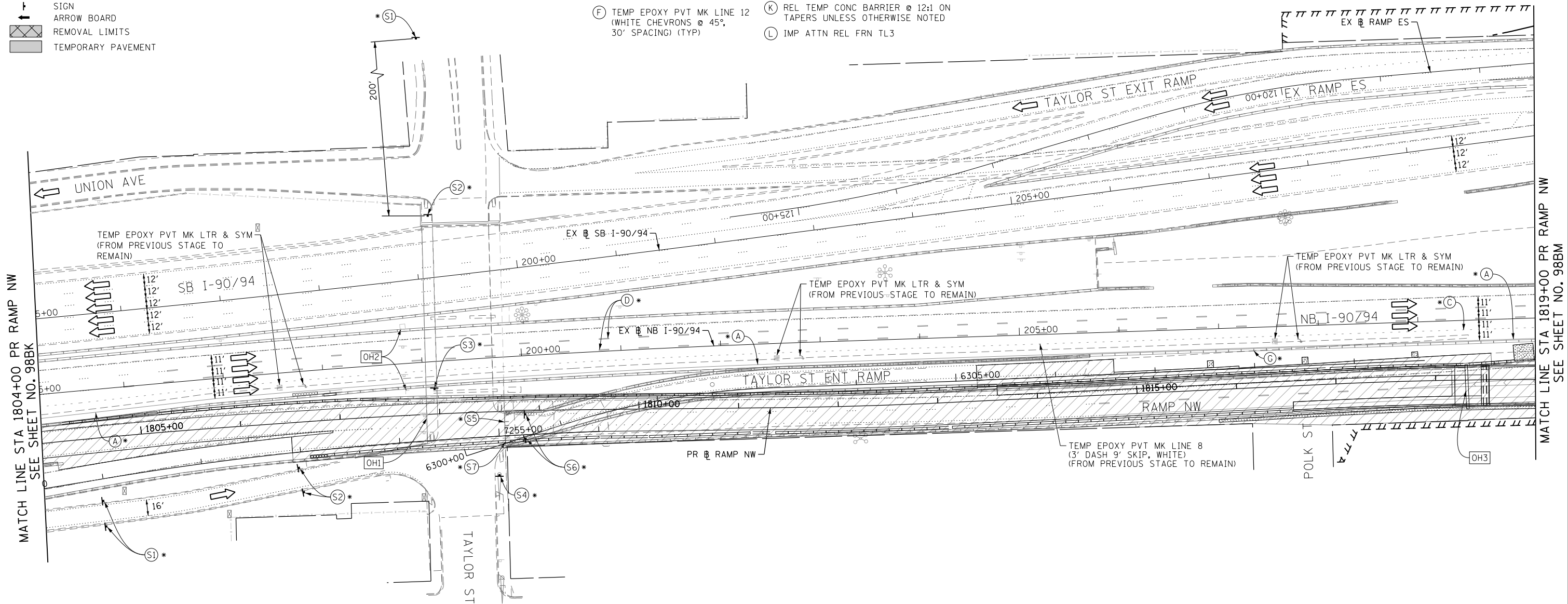
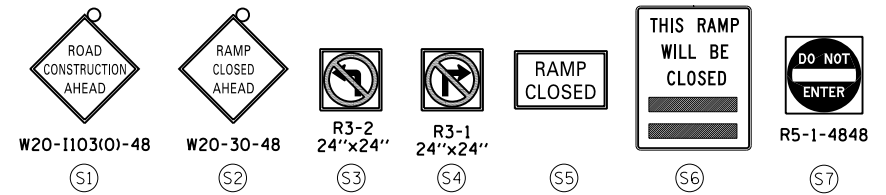


- LEGEND:**
- WORK ZONE
  - TEMPORARY CONCRETE BARRIER
  - TEMPORARY IMPACT ATTENUATOR
  - TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
  - DIRECTION OF TRAFFIC FLOW
  - TYPE III BARRICADE
  - TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
  - DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL SIGN
  - ARROW BOARD
  - REMOVAL LIMITS
  - TEMPORARY PAVEMENT

\* FROM PREVIOUS TO REMAIN

**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMP ATTN TEMP FRN TL3
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (L) IMP ATTN REL FRN TL3

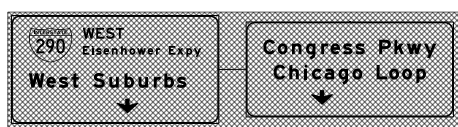


MATCH LINE STA 1804+00 PR RAMP NW  
SEE SHEET NO. 98BK

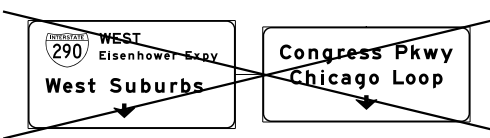
MATCH LINE STA 1819+00 PR RAMP NW  
SEE SHEET NO. 98BM

**NOTES:**  
UNLESS NOTED OTHERWISE ALL PAVEMENT MARKING ARE FROM PREVIOUS STAGE

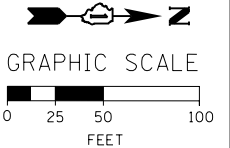
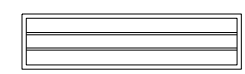
OH1 COVER EXISTING OVERHEAD SIGN PANELS (SEE SIGNING PLANS) (FROM PREVIOUS STAGE TO REMAIN)



OH3 EXISTING OVERHEAD SIGNS/STRUCTURE TO BE REMOVED SEE SIGNING PLAN



OH2 EXISTING DMS TO REMAIN



FILE PATH = C:\Project\Case\160W28-sht-Staging\_GEP-04.dgn



DI60W28-sht-Staging\_GEP-04.dgn  
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PLOT SCALE = 50.0000' / in.  
PLOT DATE = 4/28/2014

DESIGNED - OPS	REVISED -
DRAWN - PHP	REVISED -
CHECKED - KCF	REVISED -
DATE - 04/28/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

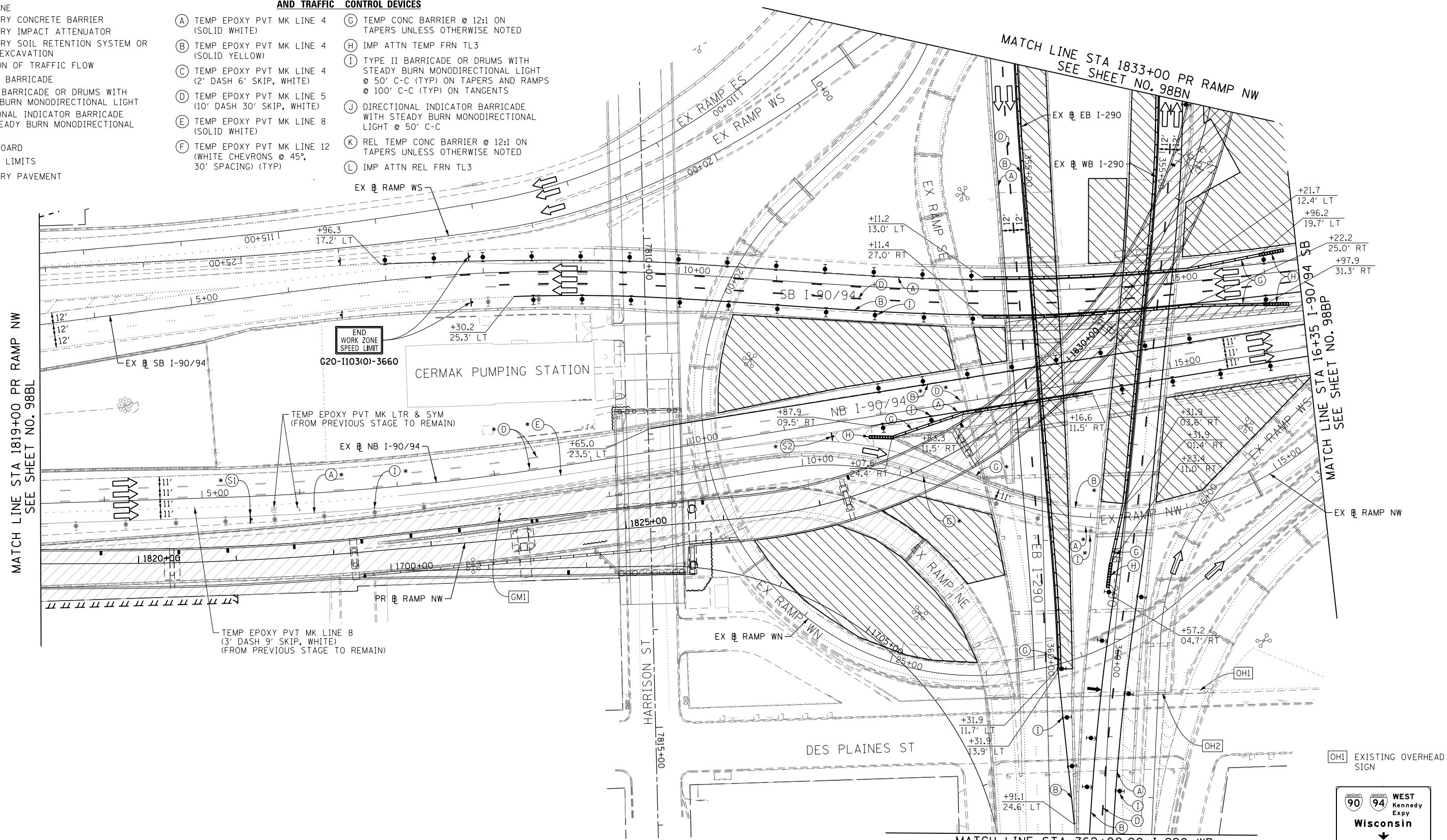
**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN  
GIRDER ERECTION - STAGING PLAN**  
SCALE: 1" = 50' SHEET 7 OF 14 SHEETS STA. 1804+00 TO STA. 1819+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	98BL
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				

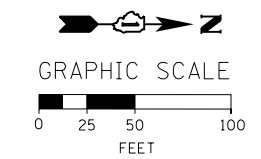
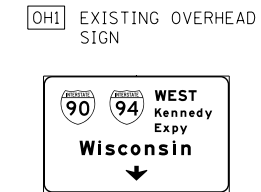
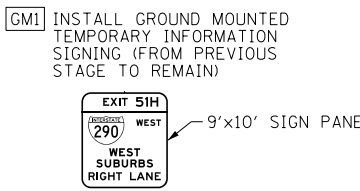
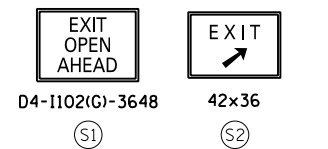
- LEGEND:**
- WORK ZONE
  - TEMPORARY CONCRETE BARRIER
  - TEMPORARY IMPACT ATTENUATOR
  - TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
  - DIRECTION OF TRAFFIC FLOW
  - TYPE III BARRICADE
  - TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
  - DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL SIGN
  - ARROW BOARD
  - REMOVAL LIMITS
  - TEMPORARY PAVEMENT

- PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**
- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
  - (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
  - (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
  - (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
  - (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
  - (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
  - (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
  - (H) IMP ATTN TEMP FRN TL3
  - (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
  - (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
  - (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
  - (L) IMP ATTN REL FRN TL3

\* FROM PREVIOUS STAGE TO REMAIN



- NOTES:**
- ALL TRAVEL LANES ON EB EB I-290, RAMP ES AND RAMP WS BE MAINTAINED IN CURRENT STAGE AS PER CONTRACT 60W26 FINAL PAVEMENT MARKING.
  - ALL TRAVEL LANES ON NB I-90/94 SHALL BE MAINTAINED IN CURRENT STAGE AS PER PREVIOUS STAGE. COORDINATE WITH CONTRACT 60W71 FOR PAVEMENT MARKING AND SIGNS.



FILE PATH = C:\Project\60W26\28-sht-Staging\_GEP-05.dgn



D160W28-sht-Staging\_GEP-05.dgn  
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DRAWN - PHP	REVISED -
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DATE - 04/28/14	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN  
 GIRDER ERECTION - STAGING PLAN

SCALE: 1" = 50' SHEET 8 OF 14 SHEETS STA. 1819+00 TO STA. 16+35

F.A.I. RTE. 90/94/290	SECTION 2013-010R	COUNTY COOK	TOTAL SHEETS 747	SHEET NO. 988B
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				

OH4 EXISTING OVERHEAD SIGNS TO REMAIN

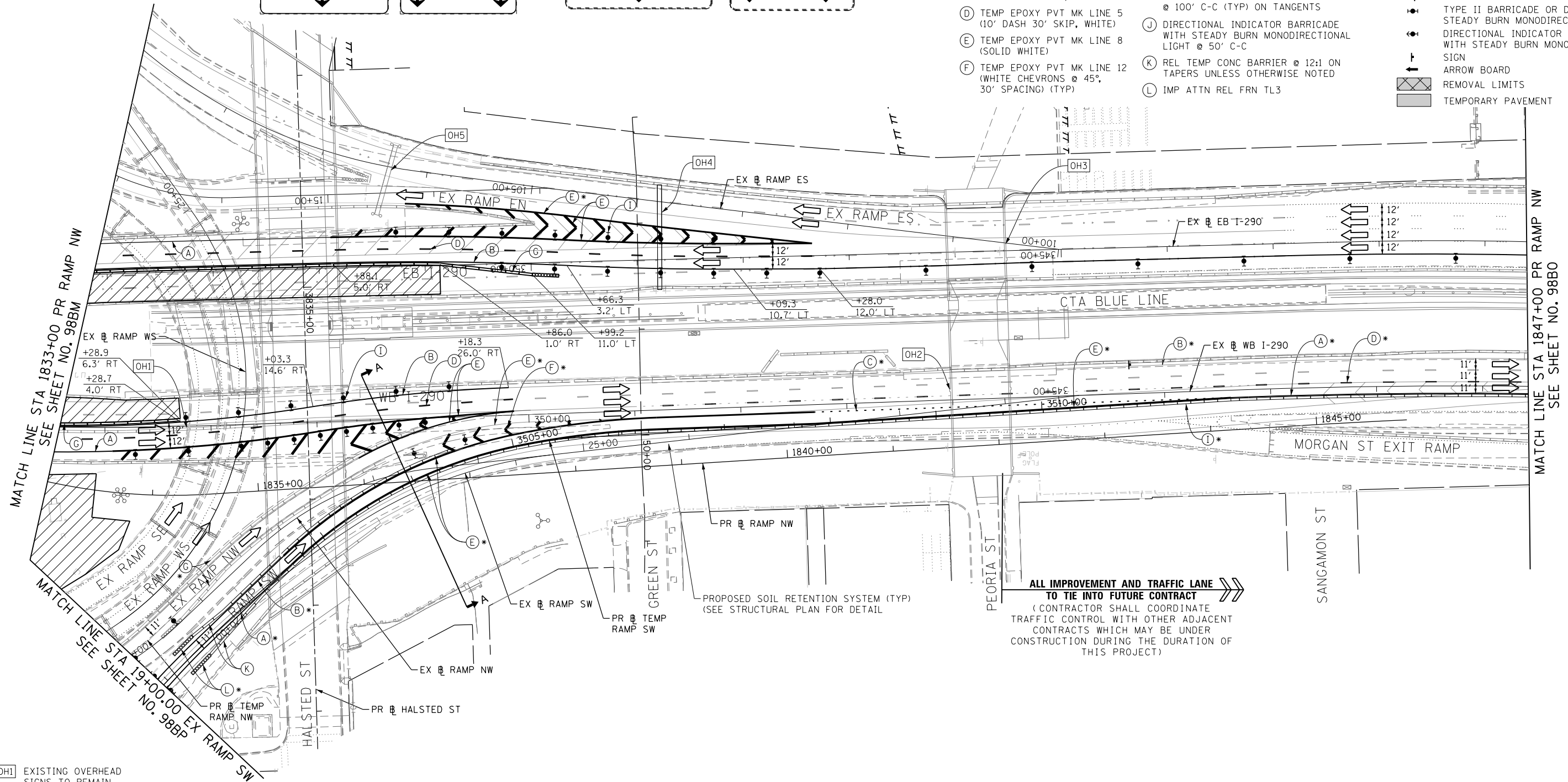
OH5 EXISTING OVERHEAD SIGNS TO REMAIN

PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

LEGEND:

- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- ARROW BOARD
- REMOVAL LIMITS
- TEMPORARY PAVEMENT

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMP ATTN TEMP FRN TL3
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (L) IMP ATTN REL FRN TL3



MATCH LINE STA 1833+00 PR RAMP NW  
SEE SHEET NO. 98BM

MATCH LINE STA 1847+00 PR RAMP NW  
SEE SHEET NO. 98B0

**ALL IMPROVEMENT AND TRAFFIC LANE TO TIE INTO FUTURE CONTRACT**  
 (CONTRACTOR SHALL COORDINATE TRAFFIC CONTROL WITH OTHER ADJACENT CONTRACTS WHICH MAY BE UNDER CONSTRUCTION DURING THE DURATION OF THIS PROJECT)

PROPOSED SOIL RETENTION SYSTEM (TYP) (SEE STRUCTURAL PLAN FOR DETAIL)

OH1 EXISTING OVERHEAD SIGNS TO REMAIN

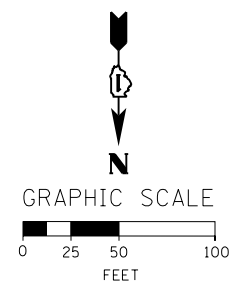
OH3 EXISTING OVERHEAD SIGNS TO REMAIN

OH2 INSTALL BLACK ON ORANGE "RAMP CLOSED" PANEL ON DIAGONAL ACROSS EXISTING SIGN SEE DISTRICT DETAIL TC-08 FOR PANEL DETAILS (FROM PREVIOUS STAGE TO REMAIN)

**EXIT TO MORGAN ST PROHIBITED**



\* FROM PREVIOUS STAGE TO REMAIN



D:\160\28-sht-Staging\_GEP-06.dgn  
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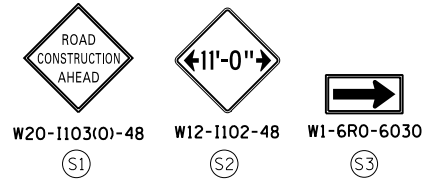
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN  
 GIRDER ERECTION - STAGING PLAN  
 SCALE: 1" = 50' SHEET 9 OF 14 SHEETS STA. 1833+00 TO STA. 1847+00

F.A.I. RTE. 90/94/290	SECTION 2013-010R	COUNTY COOK	TOTAL SHEETS 747	SHEET NO. 98BN
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				

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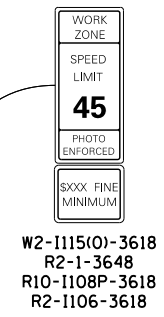




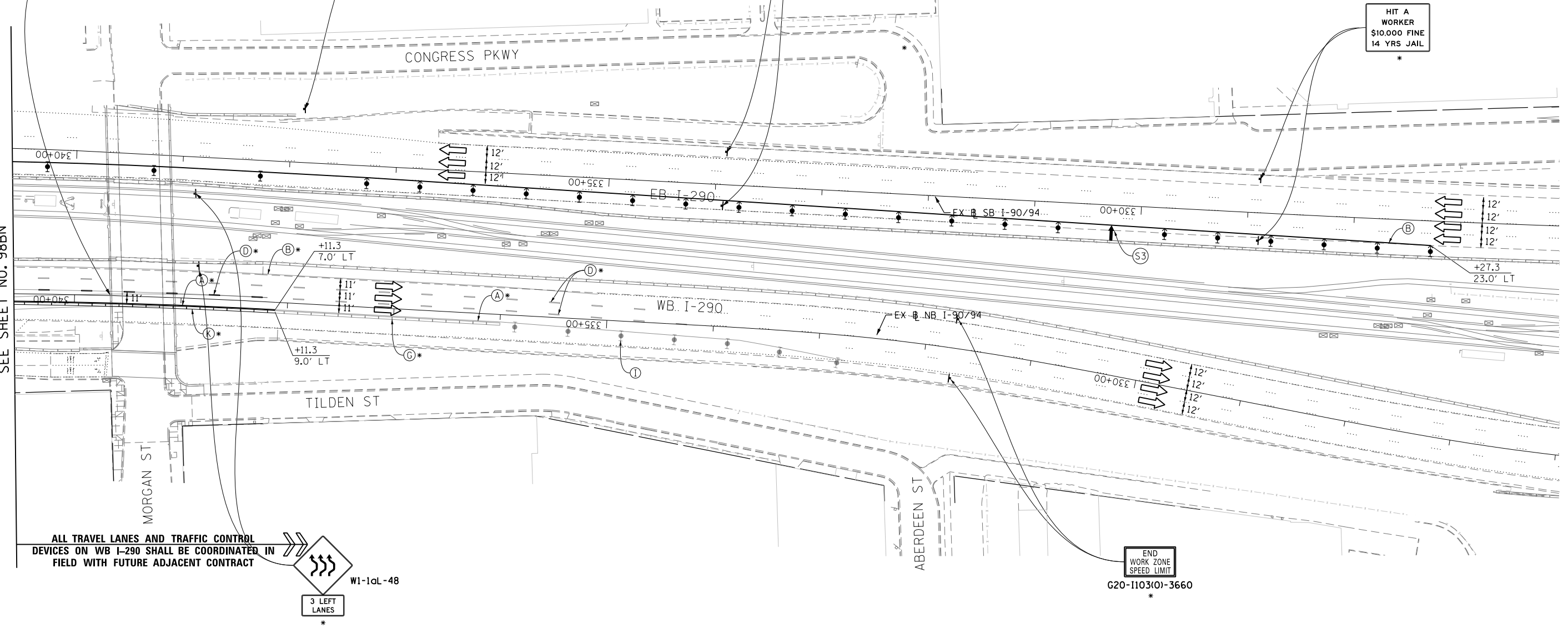
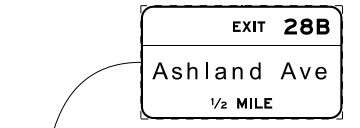
\* FROM PREVIOUS STAGE TO REMAIN

- PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**
- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
  - (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
  - (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
  - (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
  - (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
  - (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
  - (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
  - (H) IMP ATTN TEMP FRN TL3
  - (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS @ 100' C-C (TYP) ON TANGENTS
  - (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
  - (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
  - (L) IMP ATTN REL FRN TL3

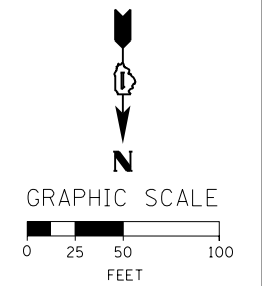
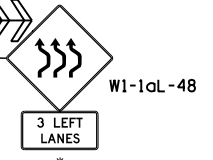
- LEGEND:**
- WORK ZONE
  - TEMPORARY CONCRETE BARRIER
  - TEMPORARY IMPACT ATTENUATOR
  - TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
  - DIRECTION OF TRAFFIC FLOW
  - TYPE III BARRICADE
  - TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
  - DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
  - ARROW BOARD
  - REMOVAL LIMITS
  - TEMPORARY PAVEMENT



MATCH LINE STA 1847+00 PR RAMP NW  
SEE SHEET NO. 98BN



ALL TRAVEL LANES AND TRAFFIC CONTROL DEVICES ON WB I-290 SHALL BE COORDINATED IN FIELD WITH FUTURE ADJACENT CONTRACT



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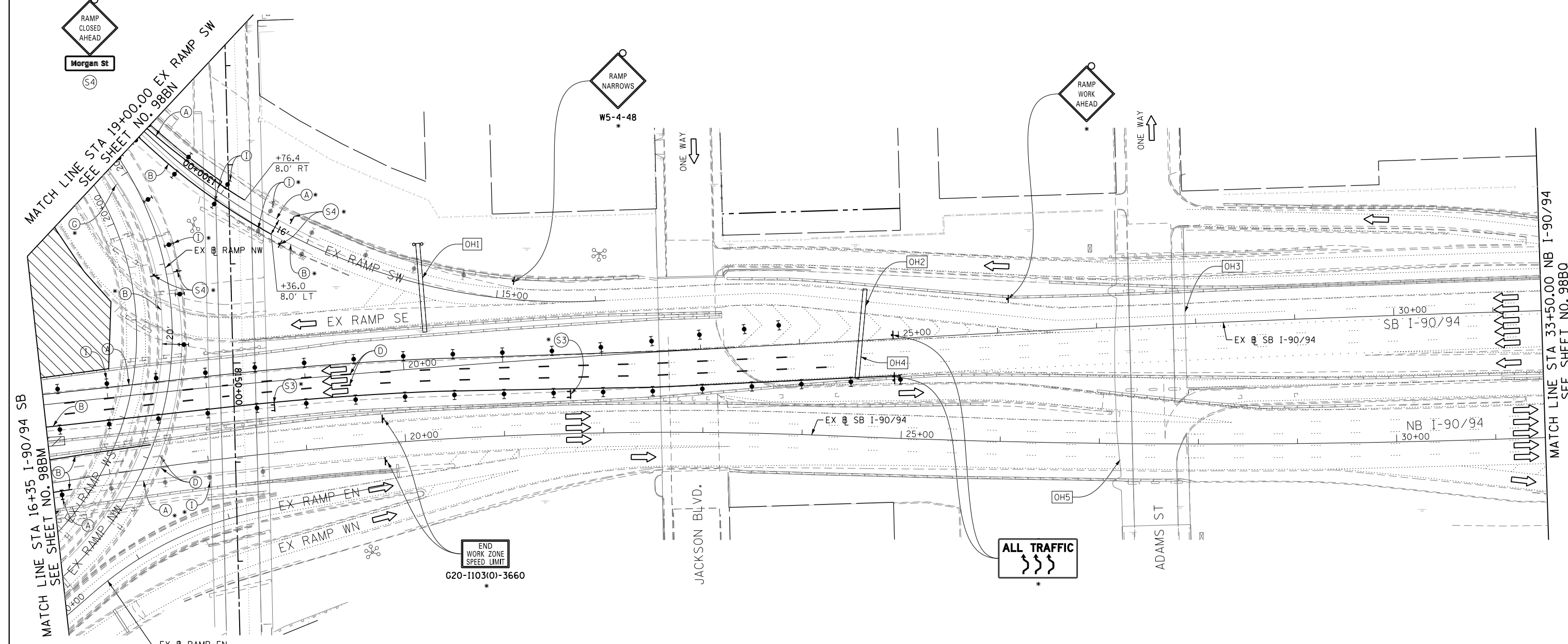
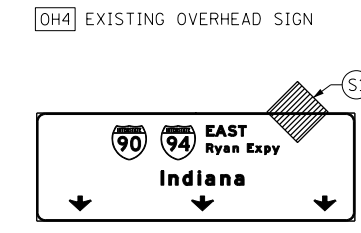
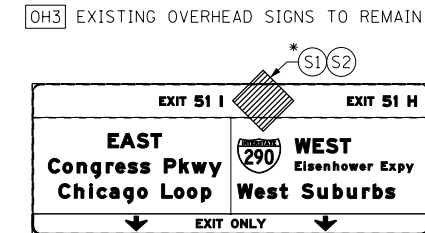
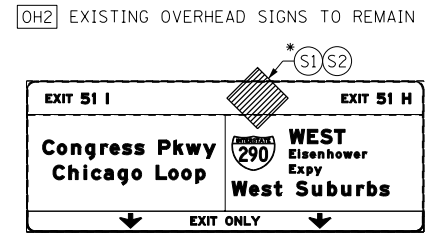
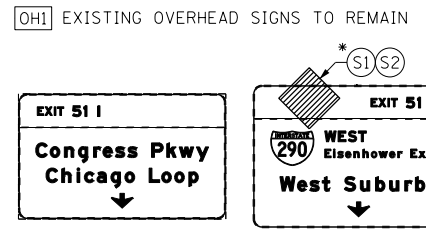
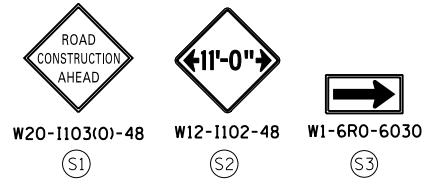
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DRAWN - PHP	REVISED -
CHECKED - KCF	REVISED -
DATE - 04/28/14	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN**  
**GIRDER ERECTION - STAGING PLAN**

SCALE: 1" = 50'    SHEET 10 OF 14 SHEETS    STA. 340+60 TO STA. 326+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	98B0
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				



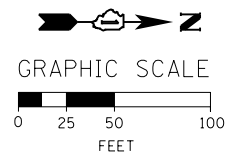
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**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMP ATTN TEMP FRN TL3
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (L) IMP ATTN REL FRN TL3

**LEGEND:**

- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- SIGN
- ARROW BOARD
- REMOVAL LIMITS
- TEMPORARY PAVEMENT



\* FROM PREVIOUS STAGE TO REMAIN



D160W28-sht-Staging\_GEP-08.dgn  
USER NAME = auyeungh  
PLOT SCALE = 50.0000' / in.  
PLOT DATE = 4/28/2014

DESIGNED - OPS	REVISED -
DRAWN - PHP	REVISED -
CHECKED - KCF	REVISED -
DATE - 04/28/14	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN**  
**GIRDER ERECTION - STAGING PLAN**  
SCALE: 1" = 50' SHEET 11 OF 14 SHEETS STA. 16+35 TO STA. 31+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	98BP
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				

OH1 EXISTING OVERHEAD SIGN TO REMAIN

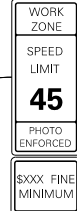
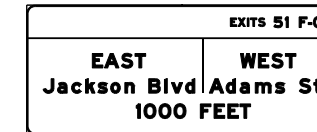
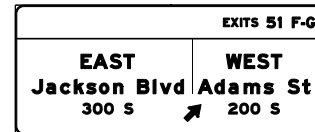
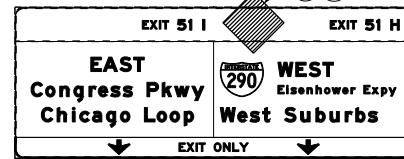
OH2 EXISTING OVERHEAD SIGN

OH3 EXISTING OVERHEAD SIGNS



W20-1103(O)-48

W12-1102-48

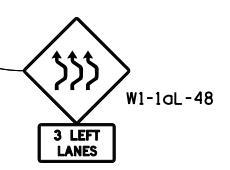
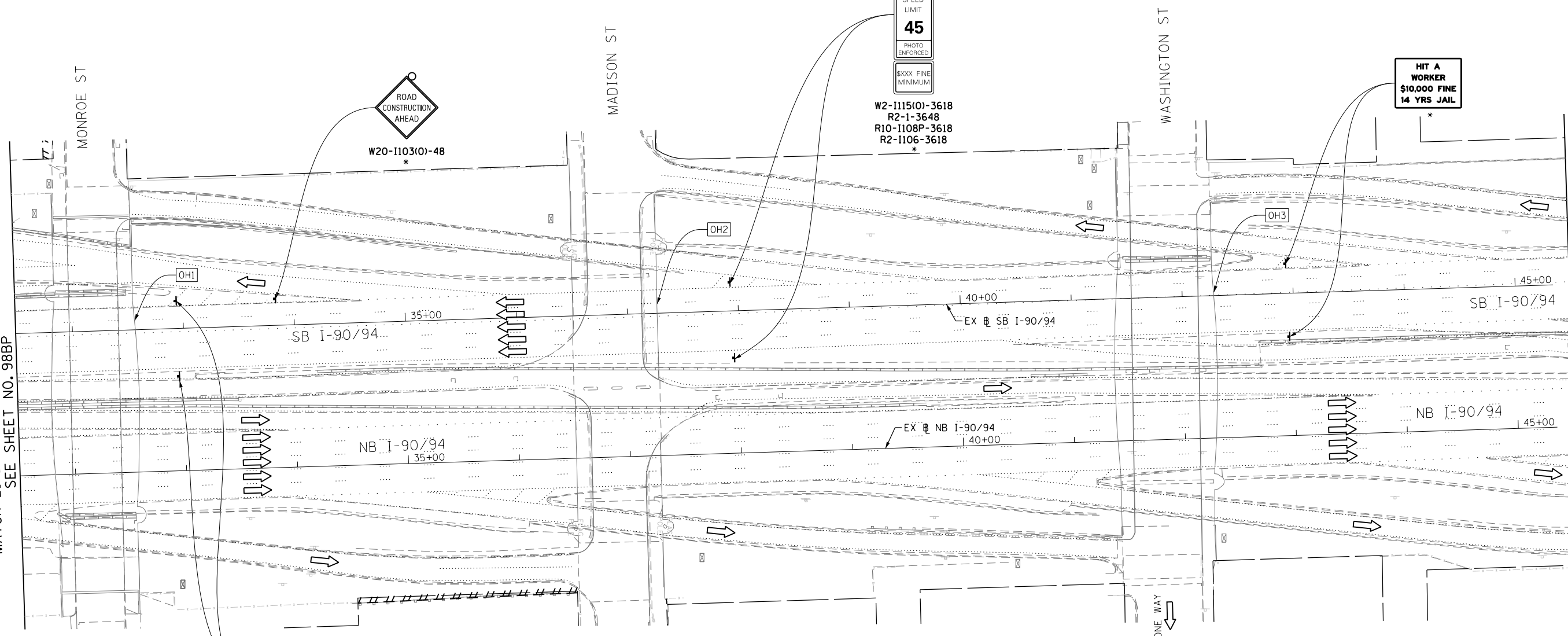


W2-1115(O)-3618  
R2-1-3648  
R10-1108P-3618  
R2-1106-3618

HIT A WORKER  
\$10,000 FINE  
14 YRS JAIL

MATCH LINE STA 33+50.00 NB I-90/94  
SEE SHEET NO. 98BP

MATCH LINE STA 45+50.00 NB I-90/94  
SEE SHEET NO. 98BR

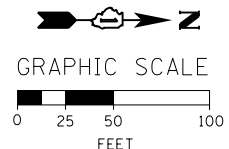


PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMP ATTN TEMP FRN TL3
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (L) IMP ATTN REL FRN TL3

LEGEND:

- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- SIGN
- ARROW BOARD
- REMOVAL LIMITS
- TEMPORARY PAVEMENT



\* FROM PREVIOUS STAGE TO REMAIN

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D160W28-sht-Staging\_GEP-09.dgn  
USER NAME = auyeungh  
PLOT SCALE = 50.0000' / in.  
PLOT DATE = 4/28/2014

DESIGNED - OPS	REVISED -
DRAWN - PHP	REVISED -
CHECKED - KCF	REVISED -
DATE - 04/28/14	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN  
GIRDER ERECTION - STAGING PLAN

SCALE: 1" = 50' SHEET 12 OF 14 SHEETS STA. 31+50 TO STA. 45+50

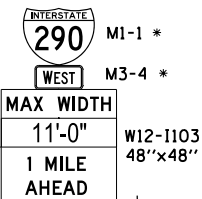
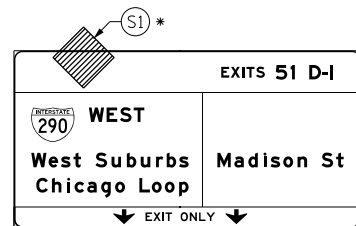
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90/94/290	2013-010R	COOK	747	98B0
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				



W20-1103(10)-48

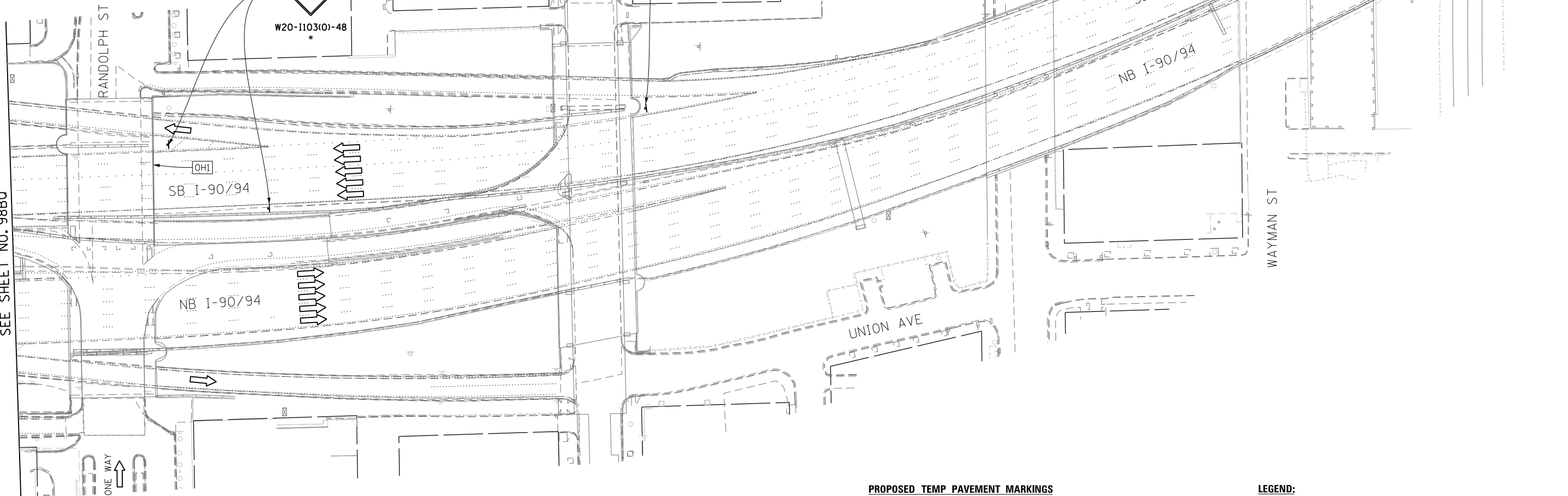
(S1)

(OH1) EXISTING OVERHEAD SIGN



W20-1103(10)-48

MATCH LINE STA 45+50.00 NB I-90/94  
SEE SHEET NO. 98B0

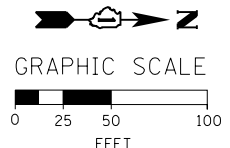


**PROPOSED TEMP PAVEMENT MARKINGS  
AND TRAFFIC CONTROL DEVICES**

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMP ATTN TEMP FRN TL3
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (L) IMP ATTN REL FRN TL3

**LEGEND:**

- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- SIGN
- ARROW BOARD
- REMOVAL LIMITS
- TEMPORARY PAVEMENT



\* FROM PREVIOUS STAGE TO REMAIN

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DI60W28-sht-Staging\_GEP-10.dgn  
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DRAWN - PHP	REVISED -
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DATE - 04/28/14	REVISED -

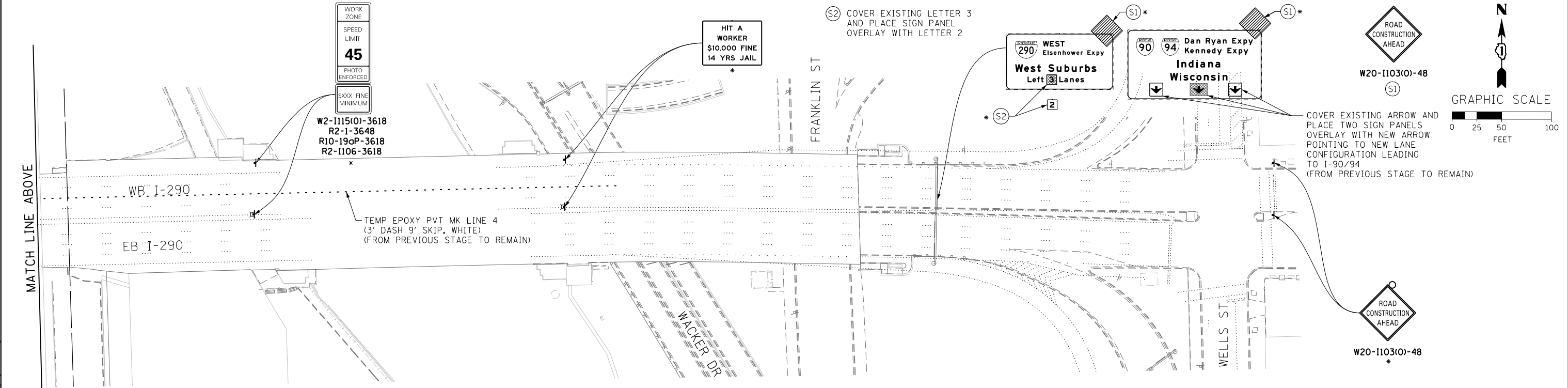
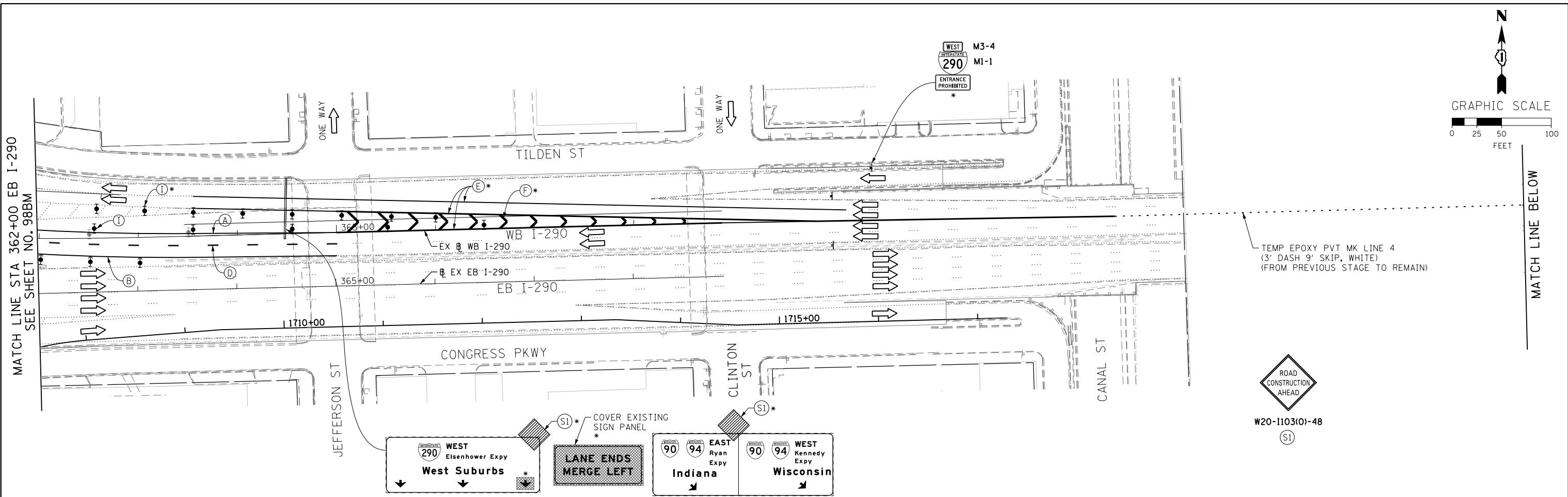
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN  
GIRDER ERECTION - STAGING PLAN**

SCALE: 1" = 50' SHEET 13 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	98BR
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				

MATCH LINE STA 362+00 EB I-290  
SEE SHEET NO. 98BM



- NOTES:**
- UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS USED ARE TAKEN FROM EXISTING EB AND WB I-290 BASELINES.
  - FOR LEGEND SEE SHEET NO. 98BR

\* FROM PREVIOUS STAGE TO REMAIN

FILE PATH = C:\Project\I-290\28-Sht-Staging\_GEP-11.dgn



D:\160\28-Sht-Staging\_GEP-11.dgn  
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 PLOT SCALE = 50.0000' / in.  
 PLOT DATE = 4/28/2014

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CHECKED - KCF	REVISED -
DATE - 04/28/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

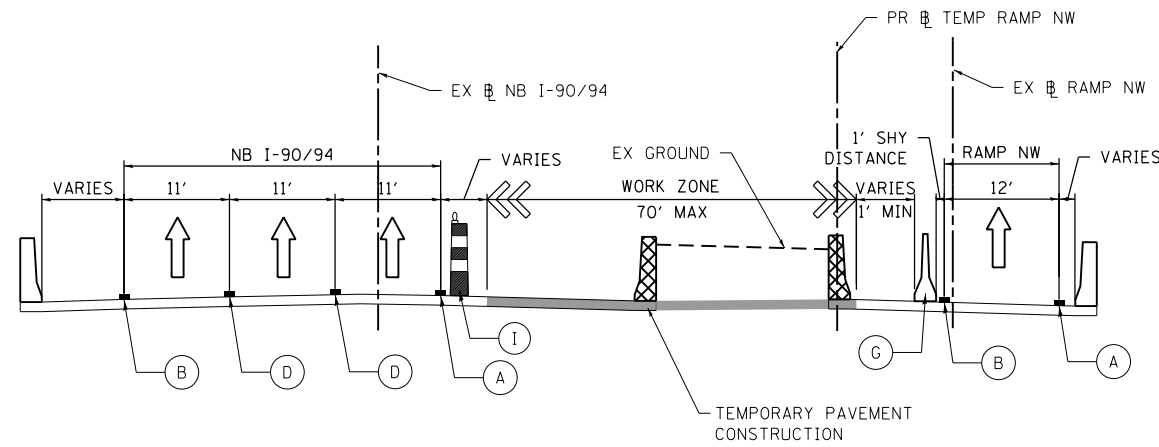
**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN  
GIRDER ERECTION - STAGING PLAN**

SCALE: 1" = 50' SHEET 14 OF 14 SHEETS STA. TO STA.

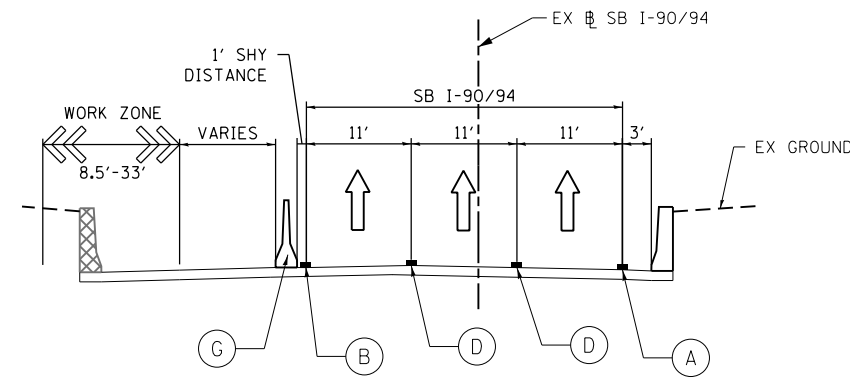
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CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				

**PROPOSED TEMP PAVEMENT MARKINGS  
AND TRAFFIC CONTROL DEVICES**

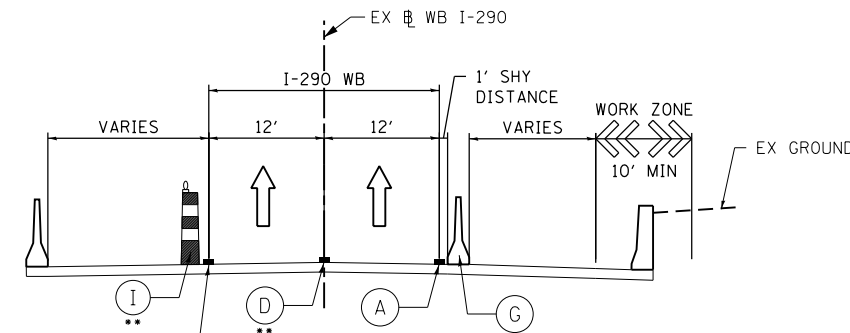
- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMP ATTN TEMP FRN TL3
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (L) IMP ATTN REL FRN TL3
- (M) TEMP EPOXY PVT MK LINE 8 (3' DASH, 9' SKIP)



**SECTION A-A**  
SCALE: NONE  
SEE SHEET NO. 116  
STAGE 1

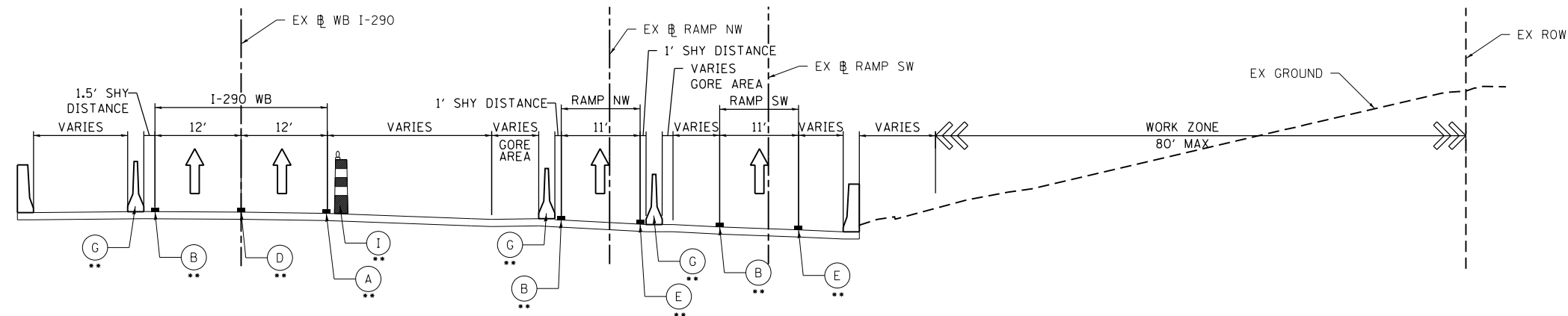


**SECTION B-B**  
SCALE: NONE  
SEE SHEET NO. 116  
STAGE 1



**SECTION C-C**  
SCALE: NONE  
SEE SHEET NO. 116  
STAGE 1

•• TO REMAIN FROM CONTRACT 60W26



**SECTION A-A**  
SCALE: NONE  
SEE SHEET NO. 117  
STAGE 1

•• TO REMAIN FROM CONTRACT 60W26

FILE PATH = C:\Project\60W26-sht-Staging-Typ-01.dgn



DI60W28-sht-Staging-Typ-01.dgn  
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CHECKED - KCF	REVISED -
DATE - 04/28/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

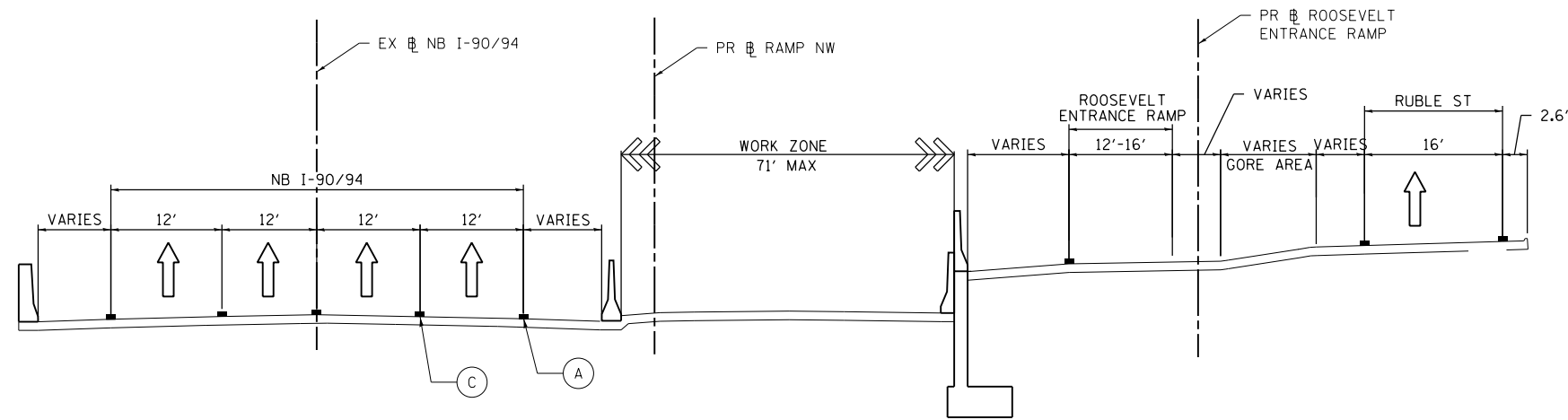
**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN  
MAINLINE STAGING 1 TYPICAL SECTIONS**

SCALE: NONE SHEET 1 OF 5 SHEETS STA. TO STA.

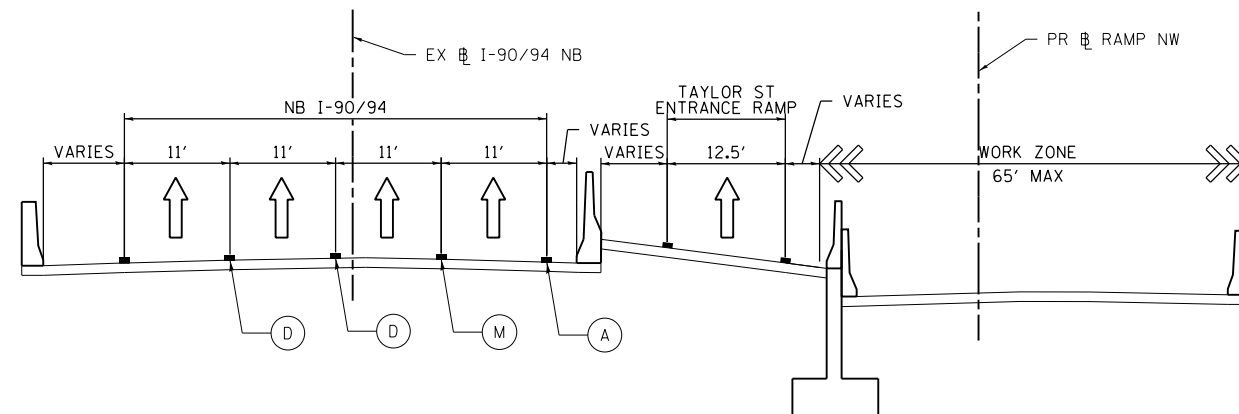
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	99
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				

**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

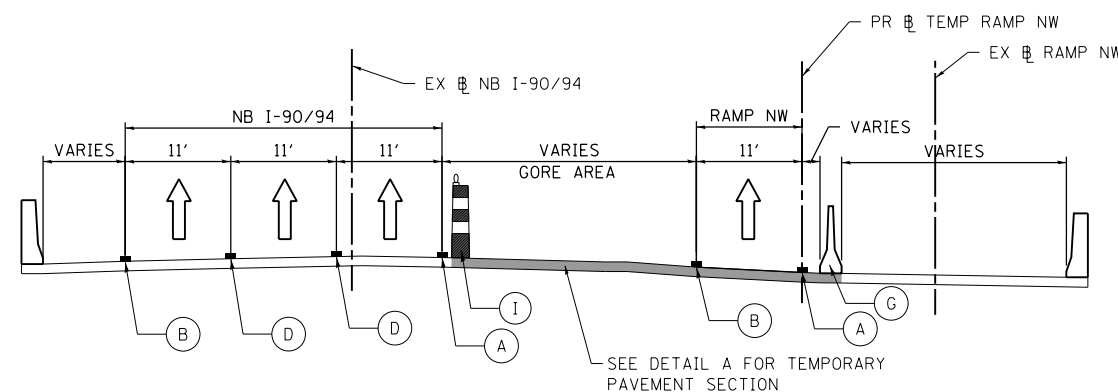
- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMP ATTN TEMP FRN TL3
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (L) IMP ATTN REL FRN TL3
- (M) TEMP EPOXY PVT MK LINE 8 (3' DASH, 9' SKIP)



**SECTION A-A**  
SCALE: NONE  
SEE SHEET NO. 128  
STAGE 2

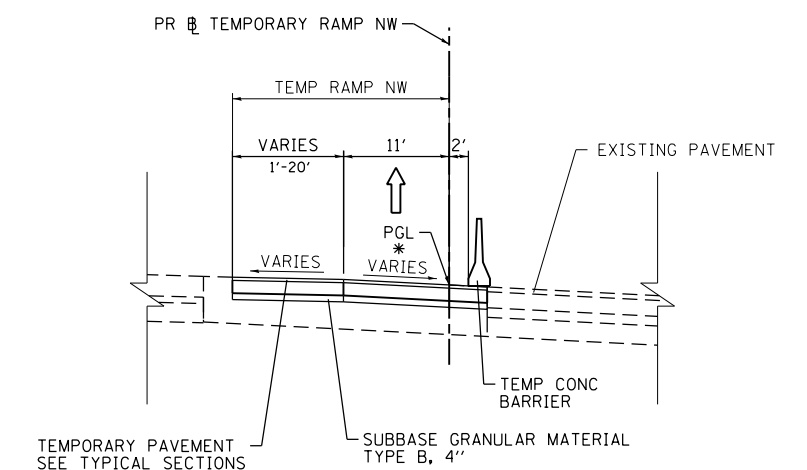


**SECTION A-A**  
SCALE: NONE  
SEE SHEET NO. 129  
STAGE 2



**SECTION A-A**  
SCALE: NONE  
SEE SHEET NO. 130  
STAGE 2

**DETAIL A: TEMPORARY PAVEMENT SECTION**



\* SEE SUPERELEVATION TRANSITION DETAILS FOR PAVEMENT CROSS SLOPES

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D160W28-sht-Staging-Typ-02.dgn  
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DATE - 04/28/14

REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN  
MAINLINE STAGING 2 TYPICAL SECTIONS**

SCALE: NONE SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	100
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				