

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	1
ILLINOIS			CONTRACT NO. 60W26	

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
*559 & 18 = 577
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
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	40 /40 MPH
NW RAMP 36,000(2040) INTERSTATE	35 /35 MPH
SW RAMP 23,000(2040) INTERSTATE	35 /35 MPH
EN RAMP 31,000(2040) INTERSTATE	30 /30 MPH
EB TAYLOR EXIT 2,000(2040) INTERSTATE	35 /35 MPH

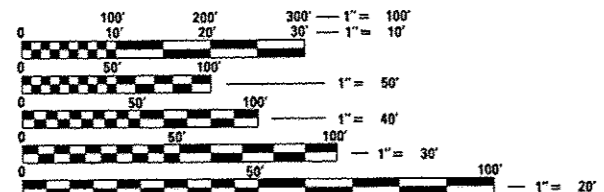
FAI ROUTE 9094/290
FROM CIRCLE INTERCHANGE TO HARRISON STREET BRIDGE (WB) AND HALSTED STREET BRIDGE
SECTION 2013-008R
BRIDGE REPLACEMENT, ROADWAY RECONSTRUCTION, LIGHTING AND TRAFFIC SIGNALS
PROJECT: ACNHPP-0005 (947)
COOK COUNTY
C-91-228-13



NPDES PERMIT INFORMATION

NPDES Disturbed	
Area =	Acres
Approximate Location of Roadway is :	
Longitude	87° 38' 49.56" W
Latitude	41° 52' 27.51" N

 Danny B. Manojlovski REGISTERED PROFESSIONAL ENGINEER LICENSE EXPIRES 11/30/2013 SHEET RANGE	 Jennifer M. Golemba LICENSED PROFESSIONAL ENGINEER LICENSE EXPIRES 11/30/2013 SHEET RANGE
 Oranit P. Sanchez REGISTERED PROFESSIONAL ENGINEER LICENSE EXPIRES 11/30/2013 SHEET RANGE	 Dajin Liu LICENSED STRUCTURAL ENGINEER LICENSE EXPIRES 11/30/2014 SHEET RANGE
 Brad M. Radovich REGISTERED PROFESSIONAL ENGINEER LICENSE EXPIRES 11/30/2014 SHEET RANGE	 Christopher L. Krueger REGISTERED PROFESSIONAL ENGINEER LICENSE EXPIRES 11/30/2013 SHEET RANGE
 William D. Stermer LICENSED PROFESSIONAL ENGINEER LICENSE EXPIRES 11/30/2013 SHEET RANGE	 Amish T. Bhatt LICENSED STRUCTURAL ENGINEER LICENSE EXPIRES 11/30/2014 SHEET RANGE
 Chad R. Laucamp REGISTERED PROFESSIONAL ENGINEER LICENSE EXPIRES 11/30/2013 SHEET RANGE	 Charles Roy Rowe LICENSED ARCHITECT LICENSE EXPIRES 11/30/2014 SHEET RANGE

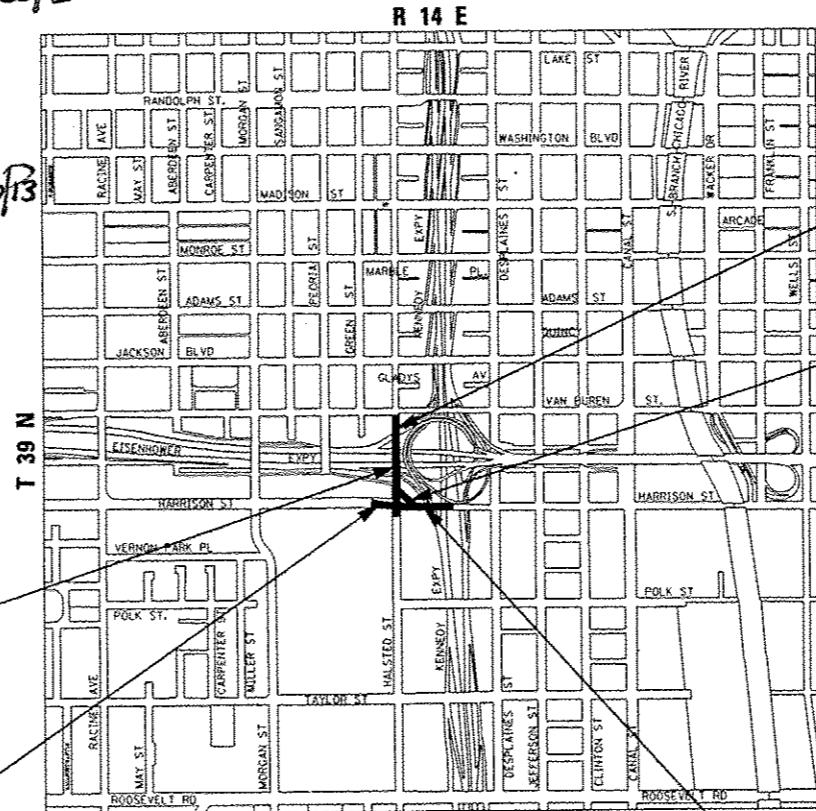


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: ADDIS ABEBAW
PROJECT MANAGER: BRIAN KUTTAB

CONTRACT NO. 60W26



HALSTED STREET BRIDGE
SN 016-1716
STA 3832 + 83.26 TO
STA 3837 + 86.42

HARRISON STREET:
STA 7805 + 15.00 TO
STA 7811 + 33.00

HALSTED STREET:
STA 3830 + 15.00 TO
STA 3839 + 05.00

RETAINING WALL
SN 016-1802
STA 7307 + 19.63 TO
STA 7308 + 85.67

HARRISON STREET BRIDGE
SN 016-1713
STA 7808 + 03.35 TO
STA 7810 + 88.50

LOCATION MAP
NOT TO SCALE
GROSS LENGTH = 1,674.04 FT (0.319 MILES)
NET LENGTH = 1,674.04 FT (0.319 MILES)



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED August 15, 2013

[Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

October 4, 2013
John D. Baranzelli, P.E.
acting ENGINEER OF DESIGN AND ENVIRONMENT

October 4, 2013
Omer Osman, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

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

GENERAL NOTES:

CITY OF CHICAGO

1. THE CONVERSION OF NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) TO CITY OF CHICAGO DATUM IS APPROXIMATELY 579.19 FEET.
2. ALL WORK MUST CONFORM TO THE MOST CURRENT CITY OF CHICAGO STANDARDS FOR CONSTRUCTION IN COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT, (ADA) AVAILABLE ON THE CITY OF CHICAGO WEBSITE.
3. CURB AND GUTTER CONSTRUCTION SHALL PROVIDE A MINIMUM CURB HEIGHT OF 3 INCHES AND MAXIMUM OF 9 INCHES. THE LONGITUDINAL SLOPE ALONG A STRAIGHT CONCRETE GUTTER SECTION AND CURVED GUTTER SECTION SHALL BE A MINIMUM OF 0.4% AND 0.65%, RESPECTIVELY.
4. TEMPORARY HOT-MIX ASPHALT RAMPS MUST BE CONSTRUCTED AROUND ALL UTILITY STRUCTURES REGARDLESS OF SHAPE WHEN THE ROAD IS OPEN TO TRAFFIC PRIOR TO PLACEMENT OF BINDER AND/OR SURFACE COURSE. THE RAMPS MUST BE CONSTRUCTED IN ACCORDANCE WITH THE TEMPORARY HMA RAMP DETAILS AND REMOVED PRIOR TO PLACEMENT OF BINDER AND/OR SURFACE COURSE. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONSTRUCTION COST OF THE UTILITY STRUCTURES.
5. THE LOCATIONS AND ELEVATIONS OF EXISTING SEWERS AND SEWER STRUCTURES SHOWN ON THE PLANS AND PROFILES HAVE BEEN OBTAINED FROM DRAWINGS AND ATLASES AND THE INFORMATION IS NOT GUARANTEED. THE RESIDENT ENGINEER AND THE CONTRACTOR SHALL FIELD VERIFY THE CITY'S EXISTING SEWER FACILITIES INCLUDING PUBLIC AND PRIVATE DRAIN CONNECTIONS IN THE LIMITS OF THE REFERENCED PROJECT FOR ANY CONFLICTS DUE TO THE PROPOSED IMPROVEMENTS. ANY CONFLICT SHOULD BE RESOLVED WITH THE DEPARTMENT OF WATER MANAGEMENT PRIOR TO START OF CONSTRUCTION.
6. IN LOCATIONS WHERE THE MAIN SEWER IS NOT BEING REPLACED AND THE EXISTING DRAINAGE FACILITIES ARE DISTURBED OR DAMAGED DURING CONSTRUCTION BY THE CONTRACTOR, IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO RESTORE AND REPLACE THE DAMAGED FACILITIES AT HIS/HER EXPENSE TO THE SATISFACTION OF THE DEPARTMENT OF WATER MANAGEMENT. THE SEWER FLOWS MUST BE MAINTAINED AT ALL TIMES.
7. IN CASE OF ANY DAMAGE TO THE CITY'S SEWER SYSTEM, PRIVATE AND PUBLIC DRAIN CONNECTIONS, THE CONTRACTOR SHALL CONTACT THE CHICAGO DEPARTMENT OF WATER MANAGEMENT IMMEDIATELY AT (312) 747-8117 OR (312) 747-7893. THE CONTRACTOR SHALL AT HIS/HER OWN EXPENSE, REPLACE THE AFFECTED SEWERS, DRAIN CONNECTIONS, AND SEWER STRUCTURES AS NECESSARY. THE SEWER FLOW MUST BE MAINTAINED AT ALL TIMES.
8. CITY OF CHICAGO WATER VALVE VAULTS AND SEWER STRUCTURES SHALL NOT BE CLOSED, COVERED OR OTHERWISE OBSTRUCTED DURING CONSTRUCTION WITHOUT WRITTEN PERMISSION FROM THE CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT UNLESS SPECIFICALLY IDENTIFIED FOR REMOVAL, RECONSTRUCTION, OR ADJUSTMENT WITHIN THESE PLANS.
9. THE WATER MAIN SHUTDOWN REQUIRED TO PERFORM THE WORK WILL ONLY BE ALLOWED UNTIL MAY 1, 2014. THE WORK MUST BE SUBSTANTIALLY COMPLETED IN ORDER TO PLACE THE WATER MAIN BACK INTO SERVICE ON OR BEFORE MAY 1ST. CONTACT CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT FOR SHUTDOWN OF WATER MAIN AT (312) 744-5070. CONTACT SHALL BE MADE NO LESS THAN 7 DAYS PRIOR TO DESIRED SHUTDOWN. SEE SPECIAL PROVISIONS FOR ANY PRE-AUTHORIZED SHUTDOWN, INSPECTION, AND STARTUP REQUIREMENTS.
10. THE COST OF CATCH BASIN RESTRICTORS SHALL BE INCLUDED IN THE COST OF THE CATCH BASINS.
11. AS-BUILT PLANS MUST BE SUBMITTED RIGHT AFTER WORK COMPLETION. FINAL PAYMENT SHALL NOT BE MADE TO THE CONTRACTOR UNTIL THE DEPARTMENT OF WATER MANAGEMENT ACKNOWLEDGES RECEIPT OF AS-BUILT PLANS.
12. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY DAMAGE TO CITY OWNED AND MAINTAINED TRAFFIC SIGNS, SIGNALS, GUARDRAILS, FENCES, ETC.

13. THE CONTRACTOR SHALL SAWCUT A MINIMUM DEPTH OF ONE AND A HALF INCHES (1 1/2") WITH A CONCRETE SAWING MACHINE, TO PREVENT THE SURFACE FROM SPALLING WHEN THE SURFACE COURSE AND THE BASE COURSE ARE BROKEN. THE WORK SHALL BE DONE IN SUCH A MANNER THAT A STRAIGHT JOINT IS SECURED. THE CONTRACTOR SHALL SAWCUT THE PAVEMENT FULL DEPTH FOR PATCHES AND AROUND STRUCTURES. AT CONCRETE CURB AND GUTTER, CONTRACTOR SHALL SAWCUT TO THE BASE OF THE CURB AND GUTTER. ALL SAWCUTTING REQUIRED WHETHER OR NOT SPECIFIED ON THE PLANS SHALL BE INCLUDED IN THE COST OF THE ADJACENT REMOVAL PAY ITEMS. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.

14. 1/2-INCH THICK EXPANSION JOINTS SHALL BE PLACED BETWEEN THE SIDEWALK AND ALL STRUCTURES SUCH AS LIGHT STANDARDS, TRAFFIC LIGHT STANDARDS, AND MANHOLES WHICH EXTEND THROUGH THE SIDEWALK UNLESS OTHERWISE NOTED ON THE PLANS. THIS WORK SHALL BE INCLUDED IN THE COST OF THE PORTLAND CEMENT CONCRETE SIDEWALK PAY ITEM. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.

15. PAVEMENT CROSS SLOPES SHALL VARY FROM A MINIMUM OF 1.4% TO A MAXIMUM OF 3.6%.


COMMITMENTS

1. CONSTRUCTION VIBRATION MONITORING WILL BE PERFORMED FOR PROPERTIES ADJACENT TO THE PROJECT. (SEE SPECIAL PROVISIONS FOR DETAILS).
2. AT LEAST TWO OF THE THREE FOLLOWING CHICAGO TRANSIT AUTHORITY (CTA) STATION ENTRANCES SHALL REMAIN OPEN DURING CONSTRUCTION OF THE HALSTED STREET BRIDGE:
 - A. MORGAN STREET
 - B. PEORIA STREET
 - C. HALSTED STREET

NOTE:

BOXED ITEMS ARE INCLUDED IN THE COST OF THE CONTRACT.

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	0160W26.sht; Generate: 04	DESIGNED - OPS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CITY OF CHICAGO GENERAL NOTES AND COMMITMENTS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	USER NAME = chive	DRAWN - OPS	REVISED -			90/94/290	2013-008R	COOK	559	5
	PLOT SCALE = 50.0000' / 1"	CHECKED - DBM	REVISED -			CONTRACT NO. 60W26				
	PLOT DATE = 9/14/2013	DATE - 9/15/13	REVISED -			SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT		

FROM CIRCLE INTERCHANGE TO HARRISON STREET BRIDGE (WB)
AND HALSTED STREET BRIDGE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN						
				ROADWAY	BRIDGE	BRIDGE	RETAINING WALL	HIGHWAY LIGHTING	TRAFFIC SIGNALS	
				0004	0011	0011	0040	0021	0021	
				URBAN	016-1713	016-1716	016-1802	URBAN	URBAN	
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	522	522						
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	82	82						
20100500	TREE REMOVAL, ACRES	ACRE	0.5	0.5						
20101100	TREE TRUNK PROTECTION	EACH	11	11						
20101200	TREE ROOT PRUNING	EACH	11	11						
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	5	5						
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	6	6						
20200100	EARTH EXCAVATION	CU YD	10795	10795						
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1800	1800						
20400800	FURNISHED EXCAVATION	CU YD	2675	2675						
20800150	TRENCH BACKFILL	CU YD	1612	1612						
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SO YD	3777	3777						
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	9078	9078						
25000210	SEEDING, CLASS 2A	ACRE	1.25	1.25						

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM



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USER NAME = chhua
PLOT SCALE = 1:8000 / 1"=100'
PLOT DATE = 9/16/2013

DESIGNED - JWM
DRAWN - JWM
CHECKED - DBM
DATE - 9/15/13

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 1 OF 26 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	6
CONTRACT NO. 60W26			ILLINOIS FED. AID PROJECT	

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CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN						
				ROADWAY	BRIDGE	BRIDGE	RETAINING WALL	HIGHWAY LIGHTING	TRAFFIC SIGNALS	
				0004 URBAN	0011 016-1713	0011 016-1716	0040 016-1802	0021 URBAN	0021 URBAN	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	272	272						
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	272	272						
** 25000750	MOWING	ACRE	1.25	1.25						
25100115	MULCH, METHOD 2	ACRE	3.25	3.25						
25100135	MULCH, METHOD 4	ACRE	4.5	4.5						
25100630	EROSION CONTROL BLANKET	SQ YD	6030	6030						
25200110	SODDING, SALT TOLERANT	SQ YD	2048	2048						
25200200	SUPPLEMENTAL WATERING	UNIT	20.5	20.5						
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	610	610						
28000400	PERIMETER EROSION BARRIER	FOOT	10038	10038						
28000510	INLET FILTERS	EACH	96	96						
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	175	175						
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	3330	3330						
31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	3605	3605						

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM

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 USER NAME: jchw
 PLOT SCALE: 1:8000 / 1"=100'
 PLOT DATE: 9/16/2013

DESIGNED - JWM
 DRAWN - JWM
 CHECKED - DBM
 DATE - 9/15/13

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 2 OF 26 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	7
CONTRACT NO. 60W26			ILLINOIS FED. AID PROJECT	

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN						
				ROADWAY	BRIDGE	BRIDGE	RETAINING WALL	HIGHWAY LIGHTING	TRAFFIC SIGNALS	
				0004	0011	0011	0040	0021	0021	
				URBAN	016-1713	016-1716	016-1802	URBAN	URBAN	
35300400	PORTLAND CEMENT CONCRETE BASE COURSE 9"	SQ YD	2991	2991						
35301200	HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE BASE COURSE 9"	SQ YD	305	305						
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	250	250						
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	1.5	1.5						
40600300	AGGREGATE (PRIME COAT)	TON	8	8						
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	197	197						
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	416	416						
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	339	339						
42001200	PAVEMENT FABRIC	SQ YD	3296	3296						
42001300	PROTECTIVE COAT	SQ YD	1827	1827						
42001430	BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)	SQ YD	110	110						
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	141	141						
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	7150.5	7150.5						
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	1832.5	1832.5						

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM



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 USER NAME = chwp
 PLOT SCALE = 1:8000 / in.
 PLOT DATE = 9/16/2013

DESIGNED - JWM
 DRAWN - JWM
 CHECKED - DBM
 DATE - 9/15/13
 REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 3 OF 26 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	8
CONTRACT NO. 60W26			ILLINOIS FED. AID PROJECT	

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CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN						
				ROADWAY	BRIDGE	BRIDGE	RETAINING WALL	HIGHWAY LIGHTING	TRAFFIC SIGNALS	
				0004 URBAN	0011 016-1713	0011 016-1716	0040 016-1802	0021 URBAN	0021 URBAN	
44000100	PAVEMENT REMOVAL	SQ YD	5661	5661						
44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SQ YD	55	55						
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	140	140						
44000300	CURB REMOVAL	FOOT	74	74						
44000400	GUTTER REMOVAL	FOOT	392	392						
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1393	1393						
44000600	SIDEWALK REMOVAL	SQ FT	9293	9293						
44001980	CONCRETE BARRIER REMOVAL	FOOT	1685	1685						
44003100	MEDIAN REMOVAL	SQ FT	430	430						
44004250	PAVED SHOULDER REMOVAL	SQ YD	1218	1218						
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1		1					
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1			1				
50157300	PROTECTIVE SHIELD	SQ YD	4909		1431	3478				
50200100	STRUCTURE EXCAVATION	CU YD	5695		1529	3699	467			

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM



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 USER NAME = chuan
 PLOT SCALE = 1:8000 1/4" = 1'-0"
 PLOT DATE = 9/16/2013

DESIGNED - JWM
 DRAWN - JWM
 CHECKED - DBM
 DATE - 9/15/13

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 4 OF 26 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-008R	COUNTY COOK	TOTAL SHEETS 559	SHEET NO. 9
CONTRACT NO. 60W26			ILLINOIS FED. AID PROJECT	

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CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN					
				ROADWAY	BRIDGE	BRIDGE	RETAINING WALL	HIGHWAY LIGHTING	TRAFFIC SIGNALS
				0004 URBAN	0011 016-1713	0011 016-1716	0040 016-1802	0021 URBAN	0021 URBAN
50300225	CONCRETE STRUCTURES	CU YD	2766.9	97	426	2081.9	162		
50300255	CONCRETE SUPERSTRUCTURE	CU YD	2811.8		1076	1699.8	36		
50300260	BRIDGE DECK GROOVING	SQ YD	5122		1643	3479			
50300285	FORM LINER TEXTURED SURFACE	SQ FT	4224		1244	2980			
50300300	PROTECTIVE COAT	SQ YD	8251		3079	5172			
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1		0.51	0.49			
50500505	STUD SHEAR CONNECTORS	EACH	38001		8622	29379			
50800105	REINFORCEMENT BARS	POUND	2083540		614360	452480	1016700		
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	1242130	112300	541130	574550	14150		
50800515	BAR SPLICERS	EACH	2275		144	2131			
50800530	MECHANICAL SPLICERS	EACH	2672		1368		1304		
51100100	SLOPE WALL 4 INCH	SQ YD	50		50				
51500100	NAME PLATES	EACH	3		1	1	1		
51602000	PERMANENT CASING	FOOT	1633		460	1173			

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM



0160W26-sh1-500.dgn
 USER NAME = chive
 PLOT SCALE = 1:8000' / 1" = 1"
 PLOT DATE = 9/16/2013

DESIGNED - JWM	REVISED -
DRAWN - JWM	REVISED -
CHECKED - DBM	REVISED -
DATE - 9/15/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 5 OF 26 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	10
CONTRACT NO. 60W26			ILLINOIS FED. AID PROJECT	

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CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN					
				ROADWAY	BRIDGE	BRIDGE	RETAINING WALL	HIGHWAY LIGHTING	TRAFFIC SIGNALS
				0004	0011	0011	0040	0021	0021
				URBAN	016-1713	016-1716	016-1802	URBAN	URBAN
* 51603000	DRILLED SHAFT IN SOIL	CU YD	6112.7	421	1403	2277.7	2011		
* 51604000	DRILLED SHAFT IN ROCK	CU YD	76.5		12	64.5			
52000110	PREFORMED JOINT STRIP SEAL	FOOT	356		143	213			
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	54		24	30			
52100020	ELASTOMERIC BEARING ASSEMBLY, TYPE II	EACH	45			45			
52100505	ANCHOR BOLTS, 5/8"	EACH	30			30			
52100520	ANCHOR BOLTS, 1"	EACH	90			90			
52100530	ANCHOR BOLTS, 1 1/4"	EACH	138		48	90			
52100540	ANCHOR BOLTS, 1 1/2"	EACH	24		24				
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	61	61					
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	77	77					
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	53	53					
550A0940	STORM SEWERS, CLASS A, TYPE 4 12"	FOOT	33	33					
55100400	STORM SEWER REMOVAL 10"	FOOT	38	38					

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM

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 USER NAME: chrisa
 PLOT SCALE: 1:2000 "/>

DESIGNED - JWM
 DRAWN - JWM
 CHECKED - DBM
 DATE - 9/15/13

REVISED -
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 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 6 OF 26 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-00BR	COOK	559	11
CONTRACT NO. 60W26				
ILLINOIS FED. AID PROJECT				

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN						
				ROADWAY	BRIDGE	BRIDGE	RETAINING WALL	HIGHWAY LIGHTING	TRAFFIC SIGNALS	
				0004 URBAN	0011 016-1713	0011 016-1716	0040 016-1802	0021 URBAN	0021 URBAN	
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1	1						
60237420	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	EACH	2	2						
60250200	CATCH BASINS TO BE ADJUSTED	EACH	5	5						
60255500	MANHOLES TO BE ADJUSTED	EACH	10	10						
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	1	1						
60260100	INLETS TO BE ADJUSTED	EACH	7	7						
60500040	REMOVING MANHOLES	EACH	5	5						
60500050	REMOVING CATCH BASINS	EACH	9	9						
60500060	REMOVING INLETS	EACH	12	12						
60500405	FILLING VALVE VAULTS	EACH	2	2						
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	273	273						
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SO FT	770	770						
63700175	CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT	FOOT	530	530						
63700805	CONCRETE BARRIER TRANSITION	FOOT	210	210						

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM



303 EAST WACKER DRIVE, SUITE 1400
CHICAGO, IL 60601-3216
PHONE: (312) 315-7700 FAX: (312) 315-6900

0160W26-sh1-500.dgn
USER NAME = chivo
PLOT SCALE = 1:8000 1/4" = 1'-0"
PLOT DATE = 9/16/2013

DESIGNED - JWM
DRAWN - JWM
CHECKED - DBM
DATE - 9/15/13

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE:	SHEET 8	OF 26	SHEETS	STA.	TO STA.
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	13
CONTRACT NO. 60W26				
ILLINOIS FED. AID PROJECT				

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CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN						
				ROADWAY	BRIDGE	BRIDGE	RETAINING WALL	HIGHWAY LIGHTING	TRAFFIC SIGNALS	
				0004	0011	0011	0040	0021	0021	
				URBAN	016-1713	016-1716	016-1802	URBAN	URBAN	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	16603	16603						
70400100	TEMPORARY CONCRETE BARRIER	FOOT	6213	6213						
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	6662.5	6662.5						
70600255	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	1	1						
70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	14	14						
70600322	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	2	2						
70600332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	14	14						
* 72000100	SIGN PANEL - TYPE 1	SQ FT	59	59						
* 72000200	SIGN PANEL - TYPE 2	SQ FT	84	84						
* 72000300	SIGN PANEL - TYPE 3	SQ FT	674.5	674.5						
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	1	1						
* 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	85	85						
* 72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	82	82						
* 72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	108	108						

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM



303 EAST WACKER DRIVE, SUITE 1400
CHICAGO, IL 60601-2278
PHONE: (312) 373-7700 FAX: (312) 373-6800

D168426-sh1-500.dgn
USER NAME = chrus
PLOT SCALE = 1:8000 1/4" = 1'-0"
PLOT DATE = 9/16/2013

DESIGNED - JWM	REVISED -
DRAWN - JWM	REVISED -
CHECKED - DBM	REVISED -
DATE - 9/15/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 10 OF 26 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-008R	COUNTY COOK	TOTAL SHEETS 559	SHEET NO. 15
CONTRACT NO. 60W26			ILLINOIS FED. AID PROJECT	

FILE PATH: s:\388934-pantlerson\line\local\p\2013\Documents\B1_America\Transportation\60269938_Curzla\Phase 1\008_CAD\005_Readonly\Sheet\SP26_Contract\0168426-sh1-500.dgn

CONSTRUCTION CODE

URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN						
				ROADWAY 0004 URBAN	BRIDGE 0011 016-1713	BRIDGE 0011 016-1716	RETAINING WALL 0040 016-1802	HIGHWAY LIGHTING 0021 URBAN	TRAFFIC SIGNALS 0021 URBAN	
* 72400730	RELOCATE SIGN PANEL - TYPE 3	SQ FT	290	290						
* 72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	1892	1892						
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	151	151						
* 73000100	WOOD SIGN SUPPORT	FOOT	36	36						
* 73300100	OVERHEAD SIGN STRUCTURE - SPAN, TYPE 1-A (4'-0" X 4'-6")	FOOT	68	68						
* 73400100	CONCRETE FOUNDATIONS	CU YD	5.1	5.1						
* 73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	22.7	22.7						
* 73600100	REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	1	1						
* 73700100	REMOVE GROUND MOUNTED SIGN SUPPORT	EACH	5	5						
* 73700200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	2	2						
* 73700300	REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	2	2						
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	354	354						
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	2855	2855						
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2452	2452						

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM

FILE PATH: p:\1388839-paint\lanscom\lanscom\pave\lanscom\Documents\01_America\Transportation\60W26\93B_Circle\Phase_1\1000_CAD\006_Roadway_Sheets\60W26-ht-509.dgn



0180x26-ht-500.dgn
 USER NAME = chwa
 PLOT SCALE = 1:8000 1/4" = 1' in.
 PLOT DATE = 9/16/2013

DESIGNED - JWM
 DRAWN - JWM
 CHECKED - DBM
 DATE - 9/15/13

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE:	SHEET 11 OF 26 SHEETS	STA. TO STA.	F.A.I. RTE. 90/94/290	SECTION 2013-008R	COUNTY COOK	TOTAL SHEETS 559	SHEET NO. 16
			CONTRACT NO. 60W26		ILLINOIS FED. AID PROJECT		

CONSTRUCTION CODE

URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				ROADWAY	BRIDGE	BRIDGE	RETAINING WALL	HIGHWAY LIGHTING	TRAFFIC SIGNALS	
				0004 URBAN	0011 016-1713	0011 016-1716	0040 016-1802	0021 URBAN	0021 URBAN	
78300100	PAVEMENT MARKING REMOVAL	SQ FT	12593	12593						
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	230	230						
* 80400100	ELECTRIC SERVICE INSTALLATION	EACH	1					1		
* 80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1					1		
* 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	383					383		
* 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	480					480		
* 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	1075					1075		
* 81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	591							591
* 81100300	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., GALVANIZED STEEL	FOOT	113							113
* 81100320	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., PVC COATED GALVANIZED STEEL	FOOT	2420					2420		
* 81100600	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., GALVANIZED STEEL	FOOT	70							70
* 81100605	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., PVC COATED GALVANIZED STEEL	FOOT	1768					1168		600
* 81100805	CONDUIT ATTACHED TO STRUCTURE, 3" DIA., PVC COATED GALVANIZED STEEL	FOOT	550					550		
* 81101005	CONDUIT ATTACHED TO STRUCTURE, 4" DIA., PVC COATED GALVANIZED STEEL	FOOT	7040					7040		

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM



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 USER NAME: jchua
 PLOT SCALE: 1/8" = 1'-0"
 PLOT DATE: 9/16/2013

DESIGNED - JWM
 DRAWN - JWM
 CHECKED - DBM
 DATE - 9/15/13

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 13 OF 26 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/230	2013-008R	COOK	559	18
CONTRACT NO. 60W26				
ILLINOIS FED. AID PROJECT				

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CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN						
				ROADWAY	BRIDGE	BRIDGE	RETAINING WALL	HIGHWAY LIGHTING	TRAFFIC SIGNALS	
				0004 URBAN	0011 016-1713	0011 016-1716	0040 016-1802	0021 URBAN	0021 URBAN	
* 88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	5							5
* 88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	16							16
* 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1							1
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2							2
* 89502380	REMOVE EXISTING HANDHOLE	EACH	14					11		3
* 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	9							9
X0327644	TEMPORARY BRIDGE	L SUM	1			1				
X0300249	REMOVE EXISTING GATE	EACH	1	1						
X0322024	TRENCH DRAIN	EACH	1	1						
X0322400	PILE EXTRACTION	EACH	133			133				
* X0322446	CABINET HOUSING EQUIPMENT, TYPE III	EACH	2					2		
X0322587	CONSTRUCTION ACCESS	EACH	1	1						
* X0322689	POLE, STEEL, ANCHOR BASE, 10" DIA., 7-GAUGE, 34' -6"	EACH	4							4
* X0322690	POLE, STEEL, ANCHOR BASE, 10" DIA., 3-GAUGE, 34' -6"	EACH	2							2

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM



303 EAST WACKER DRIVE, SUITE 1400
CHICAGO, IL 60601-5276
PHONE: (312) 313-1100 FAX: (312) 313-6800

0160426-shv-500.dgn
USER NAME = qhuu
PLOT SCALE = 1:8000 1/8" = 1'-0"
PLOT DATE = 9/16/2013

DESIGNED - JWM
DRAWN - JWM
CHECKED - DBM
DATE - 9/15/13
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 16 OF 26 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-008R	COUNTY COOK	TOTAL SHEETS 559	SHEET NO. 21
CONTRACT NO. 60W26			ILLINOIS FED. AID PROJECT	

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90% FED 10% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN						
				ROADWAY	BRIDGE	BRIDGE	RETAINING WALL	HIGHWAY LIGHTING	TRAFFIC SIGNALS	
				0004	0011	0011	0040	0021	0021	
				URBAN	016-1713	016-1716	016-1802	URBAN	URBAN	
X0323553	ORNAMENTAL FENCE, WROUGHT IRON	FOOT	118	118						
* X0324198	REMOVAL OF ASBESTOS CEMENT CONDUIT	FOOT	5280					5280		
X0324345	COMBINED SEWER REMOVAL 24"	FOOT	87	87						
* X0324571	MAINTENANCE OF STREET LIGHTING SYSTEM (CITY OF CHICAGO)	L SUM	1					1		
X0325003	REMOVE EXISTING VALVE AND VAULT	EACH	11	11						
X0325207	TELEVISION INSPECTION OF SEWER	FOOT	2256	2256						
X0325279	CLASS SI CONCRETE (MISCELLANEOUS)	CU YD	168		41		127			
* X0325476	RADAR VEHICLE DETECTION SYSTEM	EACH	6					6		
* X0326326	CABLE IN CONDUIT, TRIPLEX, 2-1/C NO. 6 AND 1-1/C NO. 8 GROUND	FOOT	3720					3720		
X0326382	CONCRETE BARRIER BASE (SPECIAL)	FOOT	553	553						
X0326486	DECORATIVE RAILING (PARAPET MOUNTED)	FOOT	1600		620	980				
** X0326801	COMBINED SEWERS TO BE CLEANED	FOOT	404	404						
* X0326935	CROSSHOLE SONIC LOGGING	EACH	11		3	7	1			
* X0326968	JUNCTION BOX, POLE OR POST MOUNTED	EACH	8							8

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM



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 USER NAME = chuo
 PLOT SCALE = 1:8000 / in.
 PLOT DATE = 9/16/2013

DESIGNED - JWM
 DRAWN - JWM
 CHECKED - DBM
 DATE - 9/15/13

REVISED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 17 OF 26 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	22
CONTRACT NO. 60W26			ILLINOIS FED. AID PROJECT	

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CONSTRUCTION CODE

URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				ROADWAY	BRIDGE	BRIDGE	RETAINING WALL	HIGHWAY LIGHTING	TRAFFIC SIGNALS	
				0004	0011	0011	0040	0021	0021	
				URBAN	016-1713	016-1716	016-1802	URBAN	URBAN	
* X0370031	POLE, STEEL, ANCHOR BASE, 12 1/2" DIA., 3 GAUGE, 34' -6" (CDOT)	EACH	2							2
* X0370047	INSTALL LIGHT POLE, MAST ARM, AND LUMINAIRE, CHICAGO	EACH	22						22	
* X0370049	UNDERGROUND CONDUIT, PVC, 2" DIA., SCHEDULE 80 (CDOT)	FOOT	945						945	
* X0370050	ADVANCED TRANSPORTATION CONTROLLER, TRAFFIC, 16 LOAD BAY, "P" CABINET (CDOT)	EACH	2							2
* X0370052	ELECTRIC CABLE IN CONDUIT NO. 4 2/C (CDOT)	FOOT	272							272
* X0370058	MAST ARM, STEEL, MONOTUBE 26 FT. (CDOT)	EACH	2							2
* X0370060	MAST ARM, STEEL, MONOTUBE 35 FT. (CDOT)	EACH	2							2
* X0370063	SERVICE INSTALLATION, 100 AMPERE (CDOT)	EACH	1							1
* X0370064	UNDERGROUND CONDUIT, PVC, 3" DIA., SCHEDULE 80 (CDOT)	FOOT	1038							1038
* X0370068	CONCRETE FOUNDATION, 24" DIAMETER, 1 1/4" ANCHOR RODS, 15" BOLT CIRCLE (CDOT)	EACH	2						2	
X0370069	COMBINED SEWER (EXTRA STRENGTH VITRIFIED CLAY PIPE) 8 INCH (CDOT)	FOOT	303	303						
X0370070	COMBINED SEWER, (WATER MAIN REQUIREMENTS), 8 INCH CDOT	FOOT	83	83						
* X0370075	UNDERGROUND CONDUIT, PVC, 4" DIA., SCHEDULE 80 (CDOT)	FOOT	3340						3340	
X0370077	LOCATE TUNNEL, CHICAGO	EACH	4	4						

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM



0160W26-ht-500.dgn	DESIGNED - JWM	REVISED -
USER NAME = phive	DRAWN - JWM	REVISED -
PLOT SCALE = 1/8" = 1' / in.	CHECKED - DBM	REVISED -
PLOT DATE = 9/16/2013	DATE - 9/15/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE:	SHEET 19 OF 26 SHEETS	STA. TO STA.	F.A.I. RTE. 90/94/290	SECTION 2013-008R	COUNTY COOK	TOTAL SHEETS 559	SHEET NO. 24
ILLINOIS FED. AID PROJECT							

CONTRACT NO. 60W26

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CONSTRUCTION CODE

URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				ROADWAY 0004 URBAN	BRIDGE 0011 016-1713	BRIDGE 0011 016-1716	RETAINING WALL 0040 016-1802	HIGHWAY LIGHTING 0021 URBAN	TRAFFIC SIGNALS 0021 URBAN	
X0370078	BULKHEAD TUNNEL, CHICAGO	EACH	1	1						
X0370080	COMBINATION CURB AND GUTTER TYPE B V. 12 (CDOT)	FOOT	856.5	856.5						
X0370081	SAND CUSHION, 4 INCH. (CDOT)	SQ FT	8984	8984						
* X0370114	RACKING CABLES IN MANHOLE OR HANDHOLE (CDOT)	EACH	10					10		
X0370135	CONCRETE CURB, TYPE B (SPECIAL) (CDOT)	FOOT	86	86						
X2090215	SELECT GRANULAR BACKFILL, SPECIAL	CU YD	120	120						
X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	100	100						
X4240800	DETECTABLE WARNINGS (SPECIAL)	SQ FT	160	160						
X5012502	CONCRETE REMOVAL (SPECIAL)	CU YD	65	65						
X5091730	BRIDGE FENCE RAILING (SPECIAL)	FOOT	145			145				
* * X5537700	STORM SEWERS TO BE CLEANED 10"	FOOT	175	175						
* * X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	353	353						
* * X5538100	STORM SEWERS TO BE CLEANED 21"	FOOT	35	35						
X5610651	ABANDON EXISTING WATER MAIN, FILL WITH CLSM	FOOT	280	280						

* DENOTES SPECIALTY ITEM

* * DENOTES NON-PARTICIPATING ITEM



0160426-urb-500.dgn
 USER NAME = chup
 PLOT SCALE = 1:8000 1/2 in.
 PLOT DATE = 9/10/2013

DESIGNED - JWM
 DRAWN - JWM
 CHECKED - DBM
 DATE - 9/15/13

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 20 OF 26 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	25
CONTRACT NO. 60W26			ILLINOIS FED. AID PROJECT	

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CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN						
				ROADWAY	BRIDGE	BRIDGE	RETAINING WALL	HIGHWAY LIGHTING	TRAFFIC SIGNALS	
				0004 URBAN	0011 016-1713	0011 016-1716	0040 016-1802	0021 URBAN	0021 URBAN	
X6060714	CONCRETE MEDIAN (SPECIAL)	SO FT	252	252						
* X6331110	STEEL POSTS, SPECIAL	EACH	4	4						
X6370050	CONCRETE BARRIER WALL (SPECIAL)	FOOT	448	448						
X6370700	CONCRETE BARRIER TRANSITION (SPECIAL)	FOOT	105	105						
X6430120	REMOVE IMPACT ATTENUATORS, NO SALVAGE	EACH	1	1						
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	12	12						
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1						
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1						
X7013820	TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS	CAL DA	115	115						
X7040010	TEMPORARY CONCRETE BARRIER (SPECIAL)	FOOT	737.5	737.5						
* X7200105	SIGN PANEL - TYPE 1 (SPECIAL)	SO FT	46	46						
* X7360300	REMOVE OVERHEAD SIGN STRUCTURE - WALKWAY	FOOT	69	69						
* X8510250	PAINT EXISTING POLE, POST OR CONTROLLER COMPLETE	EACH	7							7
* X8800101	PEDESTRIAN PUSH-BUTTON, SPECIAL	EACH	2							2

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM



303 EAST Wacker Drive, Suite 1400
Chicago, IL 60601-3276
Phone: (312) 313-3100 Fax: (312) 313-6400

0160W26-ahs-500.dgn
USER NAME = chluo
PLOT SCALE = 1:8000 "/>

DESIGNED - JWM
DRAWN - JWM
CHECKED - DBM
DATE - 9/15/13

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 22 OF 26 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-008R	COUNTY COOK	TOTAL SHEETS 559	SHEET NO. 27
CONTRACT NO. 60W26				ILLINOIS FED. AID PROJECT

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CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN						
				ROADWAY	BRIDGE	BRIDGE	RETAINING WALL	HIGHWAY LIGHTING	TRAFFIC SIGNALS	
				0004 URBAN	0011 016-1713	0011 016-1716	0040 016-1802	0021 URBAN	0021 URBAN	
Z0073002	TEMPORARY SOIL RETENTION SYSTEM	SO FT	17962		2525	15437				
Z0073100	TEMPORARY SHORING	EACH	3			3				
Z0076600	TRAINEES	HOUR								
X0327646	REMOVE GATE POSTS	EACH	3	3						
X0325349	TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)	FOOT	200	200						
X0327647	REMOVE EXISTING VALVE AND VAULT (SPECIAL)	EACH	1	1						
X5610739	WATER MAIN REMOVAL, 48"	FOOT	166	166						
X5610741	WATER MAIN REMOVAL, 54"	FOOT	145	145						
X0370162	WATER MAIN RELOCATION, 54" (CDWM)	L SUM	1	1						
X0370163	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID (CITY OF CHICAGO)	EACH	1	1						
X0370164	MANHOLES TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID (CITY OF CHICAGO)	EACH	3	3						
X0370165	REINFORCED CONCRETE PIPE ELBOW, 60" (CDWM)	EACH	3	3						
X0370166	PRECAST TUMBLING BASIN (CDWM)	EACH	1	1						
X0327648	COMBINED SEWER REMOVAL 60"	FOOT	202	202						

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM



0160W26-shr-500.dgn
 USER NAME = pchubb
 PLOT SCALE = 1/8" = 1' / in.
 PLOT DATE = 9/16/2013

DESIGNED - JWM REVISED -
 DRAWN - JWM REVISED -
 CHECKED - DBM REVISED -
 DATE - 9/15/13 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 24 OF 26 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	27B
CONTRACT NO. 60W26			ILLINOIS FED. AID PROJECT	

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CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN						
				ROADWAY	BRIDGE	BRIDGE	RETAINING WALL	HIGHWAY LIGHTING	TRAFFIC SIGNALS	
				0004 URBAN	0011 016-1713	0011 016-1716	0040 016-1802	0021 URBAN	0021 URBAN	
X0327650	TEMPORARY DRAINAGE SYSTEM NO. 1	L SUM	1			1				
X0370167	STORM SEWERS, TYPE 4 12" EXTRA STRENGTH VITRIFIED CLAY PIPE (CDOT)	FOOT	42	42						
X0370168	COMBINED SEWERS, CLASS A, TYPE 3, 60" (CDWM)	FOOT	180	180						
* X7035100	TEMPORARY EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	200	200						
* X7035104	TEMPORARY EPOXY PAVEMENT MARKING - LINE 4"	FOOT	51433	51433						
* X7035105	TEMPORARY EPOXY PAVEMENT MARKING - LINE 5"	FOOT	5982	5982						
* X7035106	TEMPORARY EPOXY PAVEMENT MARKING - LINE 6"	FOOT	3000	3000						
* X7035108	TEMPORARY EPOXY PAVEMENT MARKING - LINE 8"	FOOT	7592	7592						
* X7035112	TEMPORARY EPOXY PAVEMENT MARKING - LINE 12"	FOOT	2204	2204						
* X7035124	TEMPORARY EPOXY PAVEMENT MARKING - LINE 24"	FOOT	200	200						
X0327649	SOIL RETENTION SYSTEM	SQ FT	4403		2297	2106				
X0370169	TRANSLUCENT CANOPY ROOF (CTA)	SQ FT	1662			1662				
* X0370170	ELECTRICAL WORK FOR CANOPY LIGHTING AND HEAT TRACE (CTA)	L SUM	1			1				
X0370171	FLASHING, GUTTERS AND SHEET METAL (CTA)	L SUM	1			1				

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM



0160426-shc-300.dgn
 USER NAME f.chua
 PLOT SCALE = 1,0000' / 1in.
 PLOT DATE = 9/16/2013

DESIGNED - JWM
 DRAWN - JWM
 CHECKED - DBM
 DATE - 9/15/13

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 25 OF 26 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-008R	COUNTY COOK	TOTAL SHEETS 559	SHEET NO. 27C
CONTRACT NO. 60W26			ILLINOIS FED. AID PROJECT	

FILE PATH: c:\38829\gunt\lameson\lameson\p145\CD\20\Documents\01_Americas\Transportation\60W26\60W26_Contract\0160426-shc-300.dgn

CONSTRUCTION CODE

URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				ROADWAY	BRIDGE	BRIDGE	RETAINING WALL	HIGHWAY LIGHTING	TRAFFIC SIGNALS	
				0004 URBAN	0011 016-1713	0011 016-1716	0040 016-1802	0021 URBAN	0021 URBAN	
* X0370172	LED LIGHT SOURCE FIXTURE FOR CANOPY LIGHTING (CTA)	EACH	36			36				
X0370173	PLUMBING - DOWNSPOUTS (CTA)	L SUM	1			1				
X0370174	STRUCTURAL STEEL (CTA)	L SUM	1			1				
* X0370175	CONCRETE FOUNDATION, 28" DIAMETER, 1 1/4" ANCHOR RODS, 15" BOLT CIRCLE (CDOT)	EACH	5					5		
* X0370073	REMOVE EXISTING MAST ARM AND LUMINAIRE (CDOT) AND REINSTALL	EACH	8					8		
*	GROUND ROD, 3/4" X 10'-0" LENGTH (CDOT)	EACH	11					11		
* X0370176	CONCRETE FOUNDATION, 24" DIAMETER, 1 1/4" ANCHOR RODS, 15" BOLT CIRCLE, 9 FEET (CDOT)	EACH	2							2
* X0370177	CONCRETE FOUNDATION, 24" DIAMETER, 1 1/4" ANCHOR RODS, 15" BOLT CIRCLE, 7 FEET (CDOT)	EACH	4							4
** X0370076	ROD AND CLEAN DUCT IN EXISTING CONDUIT SYSTEM (CDOT)	FOOT	94							94
* X0370178	WIRELESS DETECTOR PACKAGE (CDOT)	EACH	2							2
* X0370179	FLUSH MOUNTED WIRELESS SENSOR (CDOT)	EACH	15							15
* X0370180	CAT 5 CABLE FOR WIRELESS DETECTOR (CDOT)	FOOT	811							811
* X0370181	CONNECTORS FOR CAT 5 CABLE (CDOT)	EACH	5							5

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM



0160W26-ah-500.dgn	DESIGNED - JWM	REVISED -
USER NAME : phua	DRAWN - JWM	REVISED -
PLOT SCALE : 1:8000' / in.	CHECKED - DBM	REVISED -
PLOT DATE : 9/16/2013	DATE - 9/15/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE:	SHEET 26	OF 26	SHEETS	STA.	TO STA.
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	270
CONTRACT NO. 60W26			ILLINOIS FED. AID PROJECT	

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90 % FED 10 % STATE

CONSTRUCTION CODE

URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				ROADWAY	BRIDGE	BRIDGE	RETAINING WALL	HIGHWAY LIGHTING	TRAFFIC SIGNALS	
				0004 URBAN	0011 016-1713	0011 016-1716	0040 016-1802	0021 URBAN	0021 URBAN	
* X0370182	ELECTRIC CABLE #12 2/C (SHIELDED) (CDOT)	FOOT	799							799
* X0370183	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, STRUCTURE MOUNTED (CDOT)	EACH	6							6
* X0370184	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, STRUCTURE MOUNTED WITH COUNT DOWN TIMER (CDOT)	EACH	2							2
* X8730465	ELECTRIC CABLE AERIAL SUSPENDED, COMMUNICATION, NO. 19 100 PAIR	FOOT	5000					5000		
Ø 20076600	TRAINEES	HOUR	1500	1500						
Ø 20076604	TRAINEES-TRAINING PROGRAM GRADUATE	HOUR	1500	1500						

Ø 0042

* Specialty Items

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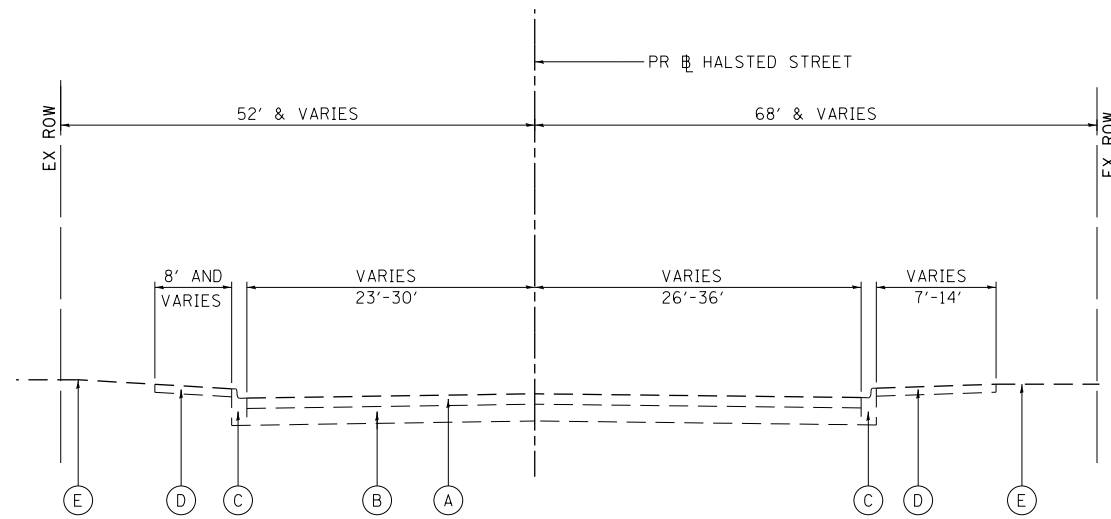
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 PLOT DATE: 9/16/2013

DESIGNED - AFC
 DRAWN - AFC
 CHECKED - DBM
 DATE - 9/15/13

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

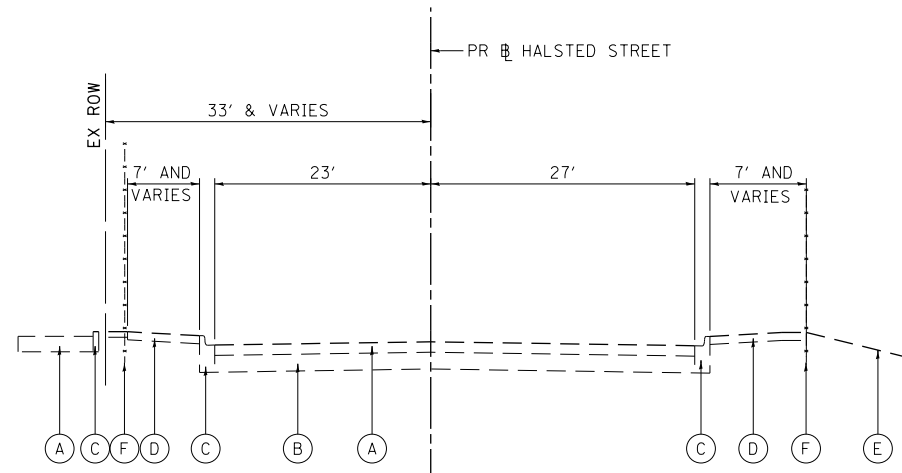
SUMMARY OF QUANTITIES
 SCALE: SHEET 26A OF 26 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	27E
CONTRACT NO. 60W26				
ILLINOIS FED. AID PROJECT				



**EXISTING TYPICAL SECTION
HALSTED STREET**

STA 3830+15.00 TO STA 3832+93.90
BRIDGE (SN 016-0716) INCLUDING APPROACH PAVEMENT
STA 3832+93.90 TO STA 3838+22.98



**EXISTING TYPICAL SECTION
HALSTED STREET**

STA 3838+22.98 TO STA 3839+05.00
BRIDGE (SN 016-0716) INCLUDING APPROACH PAVEMENT
STA 3832+93.90 TO STA 3838+22.98

EXISTING

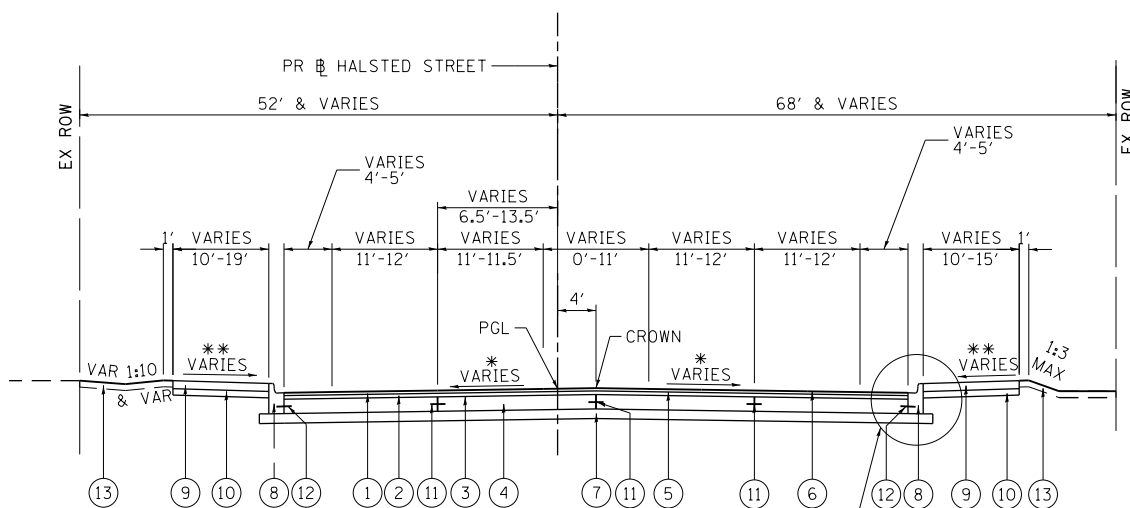
- (A) HOT-MIX ASPHALT PAVEMENT, 6 1/2" - 11"
- (B) PORTLAND CEMENT CONCRETE PAVEMENT, 10" - 10 1/2"
- (C) COMBINATION CURB AND GUTTER, TYPE 3
- (D) PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- (E) GROUND SURFACE (ASSUME EXISTING 4" TOPSOIL DEPTH)
- (F) FENCE

PROPOSED

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 3/4"
- (2) HOT-MIX ASPHALT BINDER COURSE, 1L-19.0, N70, 2 1/4"
- (3) PAVEMENT FABRIC
- (4) PORTLAND CEMENT CONCRETE BASE COURSE, 9"
- (5) BITUMINOUS MATERIALS (PRIME COAT)
- (6) AGGREGATE (PRIME COAT)
- (7) SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
- (8) COMBINATION CURB AND GUTTER TYPE B V.12 (CDOT)
- (9) PORTLAND CEMENT CONCRETE SIDEWALK (SEE PLAN & PROFILE SHEETS FOR DEPTHS)
- (10) SAND CUSHION, 4 INCH, (CDOT)
- (11) #5 TIE BARS, 30" LONG AT 30" C-C (LONGITUDINAL CONSTRUCTION JOINT) (INCLUDED IN PRICE FOR BID FOR PCC BASE COURSE)
- (12) #5 TIE BARS, 30" LONG AT 30" C-C (INCLUDED IN PRICE FOR BID FOR CURB AND GUTTER)
- (13) TOPSOIL FURNISH AND PLACE, 4"
- (14) CONCRETE MEDIAN (SPECIAL)
- (15) TEMPORARY PAVEMENT (SEE TYPICAL SHT 6 FOR DETAILS)
- (16) SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- (17) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (18) CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT
- (19) TEMPORARY CONCRETE BARRIER (FURNISH AND INSTALL), TO REMAIN IN PLACE
- (20) CONCRETE BARRIER BASE
- (21) CONCRETE BARRIER WALL (SPECIAL)
- (22) CONCRETE BARRIER BASE (SPECIAL)
- (23) CONDUIT EMBEDDED IN STRUCTURE, 4" DIA., PVC
- (24) SELECT GRANULAR BACKFILL, SPECIAL
- (25) CONCRETE MEDIAN SURFACE, 4 INCH
- (26) ORNAMENTAL FENCE, WROUGHT IRON

NOTES:

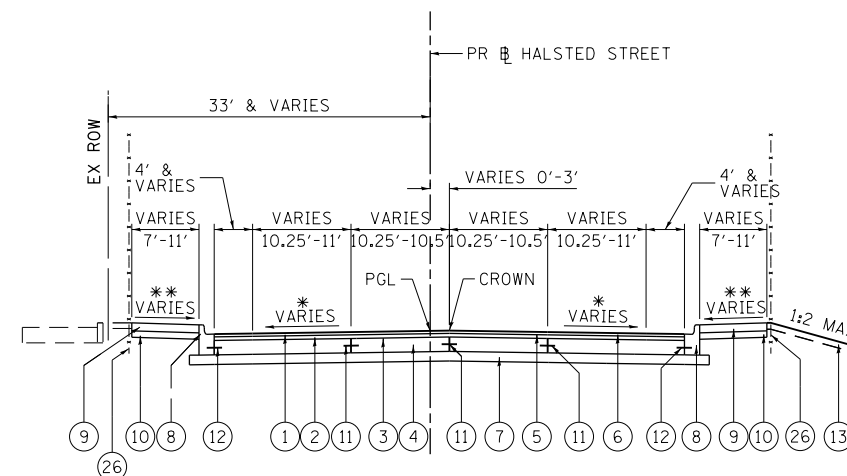
1. AS INDICATED ON THE ROADWAY PLANS, TYPICALLY AT LEAST 6' (4' MIN) OF PROPOSED SIDEWALK WIDTH MUST HAVE A CROSS SLOPE OF 1:64 OR LESS.
2. TYPICAL LOCAL ROADWAY CROSS SLOPE VARIES BETWEEN 1.4% AND 3.6% AS INDICATED ON THE PLANS. SEE ROADWAY AND GRADING PLAN DETAILS FOR ROADWAY SLOPE TRANSITIONS.
3. PCC BASE COURSE SHALL HAVE TRANSVERSE CONTRACTION JOINTS AT A 20' MAXIMUM SPACING. (INCLUDED IN PRICE FOR BID FOR PCC BASE COURSE)



**PROPOSED TYPICAL SECTION
HALSTED STREET**

STA 3830+15.00 TO STA 3832+53.88
** SEE NOTE 1
* SEE NOTE 2

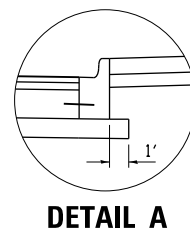
BRIDGE (SN 016-0716) INCLUDING APPROACH PAVEMENT
STA 3832+53.88 TO STA 3838+15.82



**PROPOSED TYPICAL SECTION
HALSTED STREET**

STA 3838+15.82 TO STA 3839+05.00
** SEE NOTE 1
* SEE NOTE 2

BRIDGE (SN 016-0716) INCLUDING APPROACH PAVEMENT
STA 3832+53.88 TO STA 3838+15.82



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USER NAME = kolorenz	DRAWN - SED	REVISED -
PLOT SCALE = 10.0000 ' / 1"	CHECKED - JMG	REVISED -
PLOT DATE = 9/12/2013	DATE - 9/15/13	REVISED -

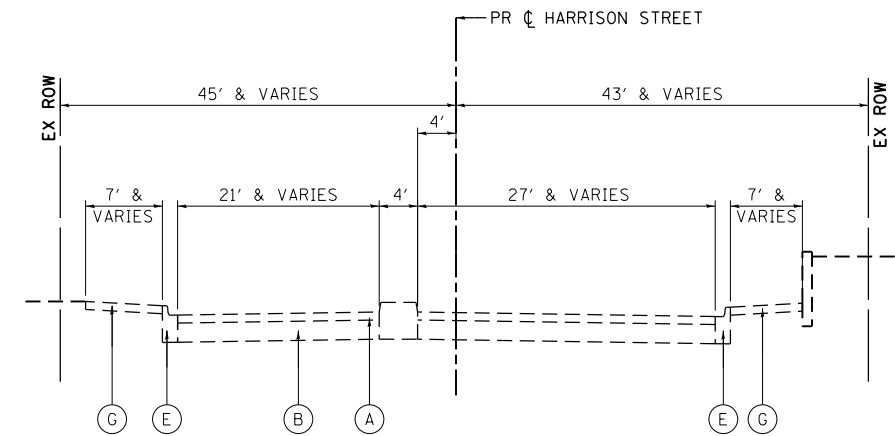
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: NONE	SHEET 1	OF 6 SHEETS	STA.	TO STA.
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**TYPICAL SECTIONS
HALSTED STREET**

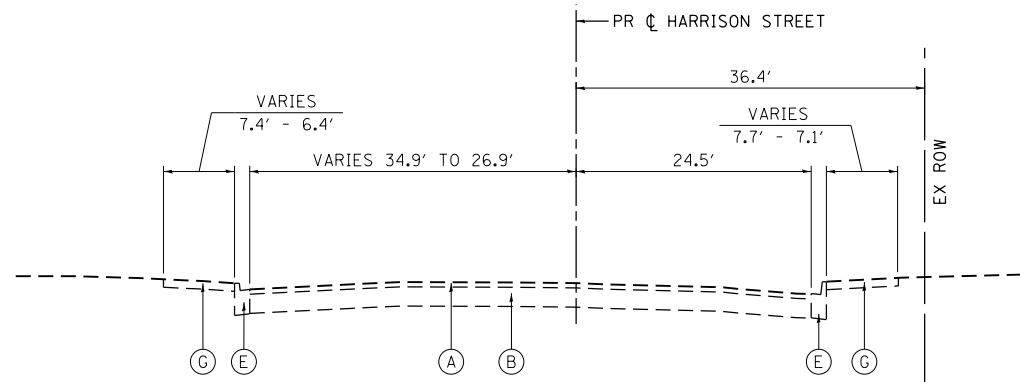
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	28
CONTRACT NO. 60W26			ILLINOIS FED. AID PROJECT	

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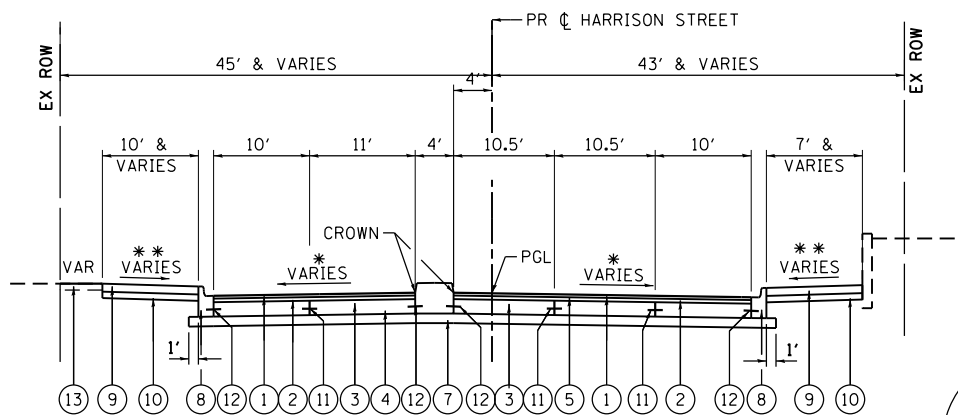
**EXISTING TYPICAL SECTION
HARRISON STREET**

STA 7805+15.00 TO STA 7806+36.50



**EXISTING TYPICAL SECTION
HARRISON STREET**

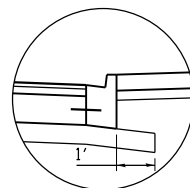
STA 7807+25.00 TO STA 7807+73.85



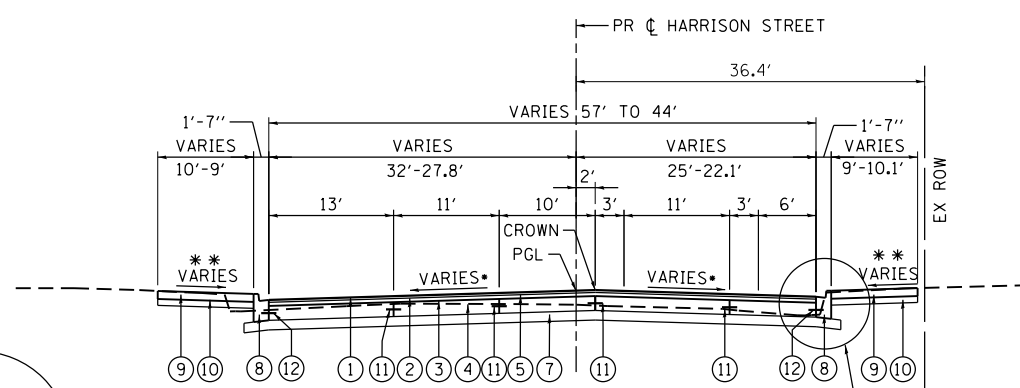
**PROPOSED TYPICAL SECTION
HARRISON STREET**

STA 7805+15.00 TO STA 7806+07.29

** SEE NOTE 1
* SEE NOTE 2



DETAIL A



**PROPOSED TYPICAL SECTION
HARRISON STREET**

STA 7806+72.95 TO STA 7807+73.85

** SEE NOTE 1
* SEE NOTE 2

BRIDGE (SN 016-1713) INCLUDING BRIDGE APPROACH PAVEMENTS
STA 7807+73.85 TO STA 7811+18.00

EXISTING

- (A) HOT-MIX ASPHALT PAVEMENT, 2 3/4" - 5"
- (B) PORTLAND CEMENT CONCRETE PAVEMENT, 11" - 11 1/4"
- (C) PORTLAND CEMENT CONCRETE PAVEMENT, 10"
- (D) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12
- (E) B-V.12 CONCRETE CURB AND GUTTER
- (F) CONCRETE CURB
- (G) P.C. CONCRETE SIDEWALK

PROPOSED

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 3/4"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/4"
- (3) PAVEMENT FABRIC
- (4) PORTLAND CEMENT CONCRETE BASE COURSE, 9"
- (5) BITUMINOUS MATERIALS (PRIME COAT)
- (6) AGGREGATE (PRIME COAT)
- (7) SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
- (8) COMBINATION CURB AND GUTTER TYPE B V.12 (CDOT)
- (9) PORTLAND CEMENT CONCRETE SIDEWALK (SEE PLAN & PROFILE SHEETS FOR DEPTHS)
- (10) SAND CUSHION, 4 INCH, (CDOT)
- (11) *5 TIE BARS, 30" LONG AT 30" C-C (LONGITUDINAL CONSTRUCTION JOINT) (INCLUDED IN PRICE FOR BID FOR PCC BASE COURSE)
- (12) *5 TIE BARS, 30" LONG AT 30" C-C (INCLUDED IN PRICE FOR BID FOR CURB AND GUTTER)
- (13) TOPSOIL FURNISH AND PLACE, 4"
- (14) CONCRETE MEDIAN (SPECIAL)
- (15) TEMPORARY PAVEMENT (SEE TYPICAL SHT 6 FOR DETAILS)
- (16) SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- (17) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (18) CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT
- (19) TEMPORARY CONCRETE BARRIER (FURNISH AND INSTALL), TO REMAIN IN PLACE
- (20) CONCRETE BARRIER BASE
- (21) CONCRETE BARRIER WALL (SPECIAL)
- (22) CONCRETE BARRIER BASE (SPECIAL)
- (23) CONDUIT EMBEDDED IN STRUCTURE, 4" DIA., PVC
- (24) SELECT GRANULAR BACKFILL, SPECIAL
- (25) CONCRETE MEDIAN SURFACE, 4 INCH
- (26) ORNAMENTAL FENCE, WROUGHT IRON

NOTES:

1. AS INDICATED ON THE ROADWAY PLANS, TYPICALLY AT LEAST 6' (4' MIN) OF PROPOSED SIDEWALK WIDTH MUST HAVE A CROSS SLOPE OF 1:64 OR LESS.
2. TYPICAL LOCAL ROADWAY CROSS SLOPE VARIES BETWEEN 1.4% AND 3.6% AS INDICATED ON THE PLANS. SEE ROADWAY AND GRADING PLAN DETAILS FOR ROADWAY SLOPE TRANSITIONS.
3. PCC BASE COURSE SHALL HAVE TRANSVERSE CONTRACTION JOINTS AT A 20' MAXIMUM SPACING. (INCLUDED IN PRICE FOR BID FOR PCC BASE COURSE)



D160W26-sh-typical-04.dgn
USER NAME = chitua
PLOT SCALE = 10.0000' / in.
PLOT DATE = 9/12/2013

DESIGNED - OPS
DRAWN - OPS
CHECKED - DBM
DATE - 9/15/13

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
HARRISON STREET

SCALE: NONE SHEET 4 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	31
CONTRACT NO. 60W26				
ILLINOIS FED. AID PROJECT				

EXISTING

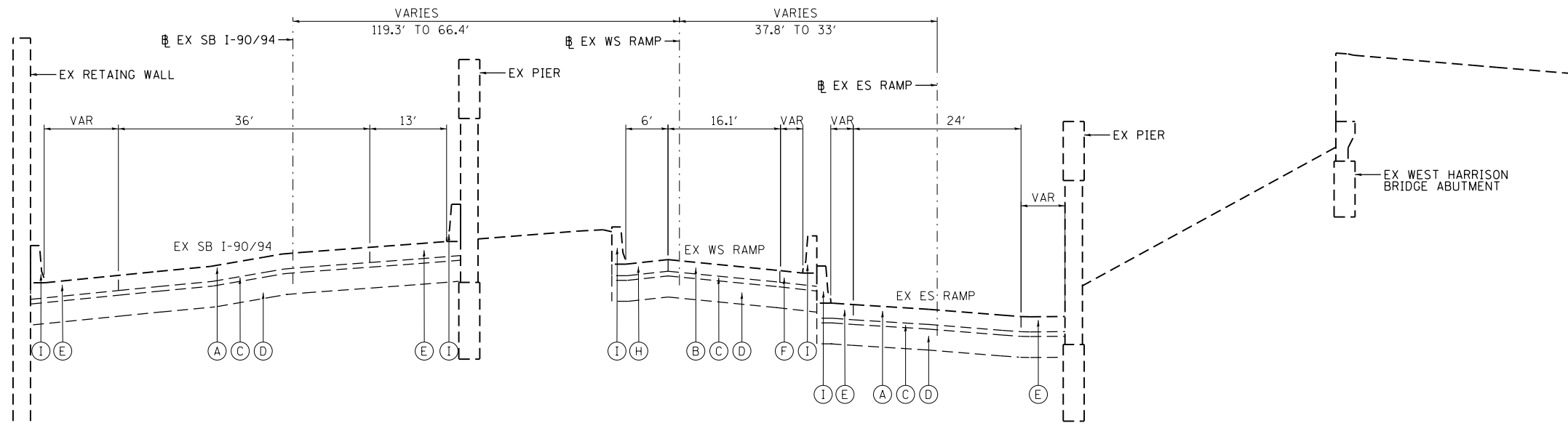
- (A) CONTINUOUSLY REINFORCED PCC PAVEMENT - 13"
- (B) PCC PAVEMENT - 10"
- (C) STABILIZED SUB-BASE (BAM) - 4"
- (D) POROUS GRANULAR EMBANKMENT (SPECIAL) - 0"-36"
- (E) BITUMINOUS SHOULDERS - 13"
- (F) BITUMINOUS SHOULDERS - 10"
- (G) PCC SHOULDERS - 13"
- (H) PCC SHOULDERS - 10"
- (I) CONCRETE BARRIER, TYPE 3

PROPOSED

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 3/4"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/4"
- (3) PAVEMENT FABRIC
- (4) PORTLAND CEMENT CONCRETE BASE COURSE, 9"
- (5) BITUMINOUS MATERIALS (PRIME COAT)
- (6) AGGREGATE (PRIME COAT)
- (7) SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
- (8) COMBINATION CURB AND GUTTER TYPE B V.12 (CDOT)
- (9) PORTLAND CEMENT CONCRETE SIDEWALK (SEE PLAN & PROFILE SHEETS FOR DEPTHS)
- (10) SAND CUSHION, 4 INCH, (CDOT)
- (11) #5 TIE BARS, 30" LONG AT 30" C-C (LONGITUDINAL CONSTRUCTION JOINT) (INCLUDED IN PRICE FOR BID FOR PCC BASE COURSE)
- (12) #5 TIE BARS, 30" LONG AT 30" C-C (INCLUDED IN PRICE FOR BID FOR CURB AND GUTTER)
- (13) TOPSOIL FURNISH AND PLACE, 4"
- (14) CONCRETE MEDIAN (SPECIAL)
- (15) TEMPORARY PAVEMENT (SEE TYPICAL SHT 6 FOR DETAILS)
- (16) SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- (17) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (18) CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT
- (19) TEMPORARY CONCRETE BARRIER (FURNISH AND INSTALL), TO REMAIN IN PLACE
- (20) CONCRETE BARRIER BASE
- (21) CONCRETE BARRIER WALL (SPECIAL)
- (22) CONCRETE BARRIER BASE (SPECIAL)
- (23) CONDUIT EMBEDDED IN STRUCTURE, 4" DIA., PVC
- (24) SELECT GRANULAR BACKFILL, SPECIAL
- (25) CONCRETE MEDIAN SURFACE, 4 INCH
- (26) ORNAMENTAL FENCE, WROUGHT IRON

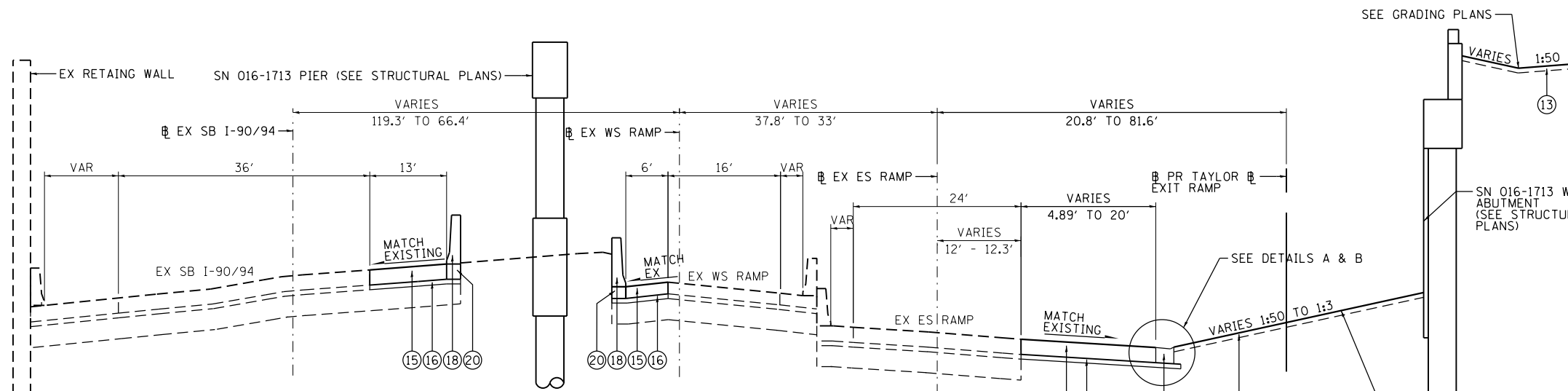
NOTES:

1. AS INDICATED ON THE ROADWAY PLANS, TYPICALLY AT LEAST 6' (4' MIN) OF PROPOSED SIDEWALK WIDTH MUST HAVE A CROSS SLOPE OF 1:64 OR LESS.
2. TYPICAL LOCAL ROADWAY CROSS SLOPE VARIES BETWEEN 1.4% AND 3.6% AS INDICATED ON THE PLANS. SEE ROADWAY AND GRADING PLAN DETAILS FOR ROADWAY SLOPE TRANSITIONS.
3. PCC BASE COURSE SHALL HAVE TRANSVERSE CONTRACTION JOINTS AT A 20' MAXIMUM SPACING. (INCLUDED IN PRICE FOR BID FOR PCC BASE COURSE)



**EXISTING TYPICAL SECTION
SB I-90/94, WS RAMP AND ES RAMP**

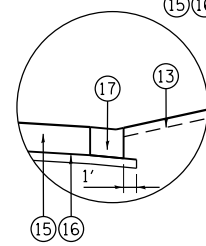
STA 105+64.34 TO STA 111+63.36 (ES RAMP)
 STA 20+24.01 TO 21+44.18 (WS RAMP)
 STA 9+13.08 TO 10+19.22 (SB I-90/94)



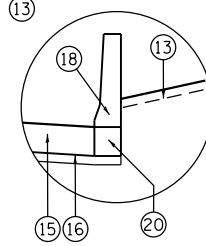
**PROPOSED TYPICAL SECTION
SB I-90/94, WS RAMP AND ES RAMP**

STA 105+64.34 TO STA 111+63.36 (ES RAMP)
 STA 20+24.01 TO 21+44.18 (WS RAMP)
 STA 9+13.08 TO 10+19.22 (SB I-90/94)

- (17) FROM STA 106+83.15 TO STA 109+71.75 (EX ES RAMP)
- (18) FROM STA 109+71.75 TO STA 111+60.43 (EX ES RAMP)



DETAIL A



DETAIL B

STA 106+83.15 TO STA 109+71.75 STA 109+71.75 TO STA 111+60.43

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D:\60W26-sh-typical-05.dgn
 USER NAME = chitua
 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 9/12/2013

DESIGNED - OPS	REVISED -
DRAWN - PHP	REVISED -
CHECKED - DBM	REVISED -
DATE - 07/28/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

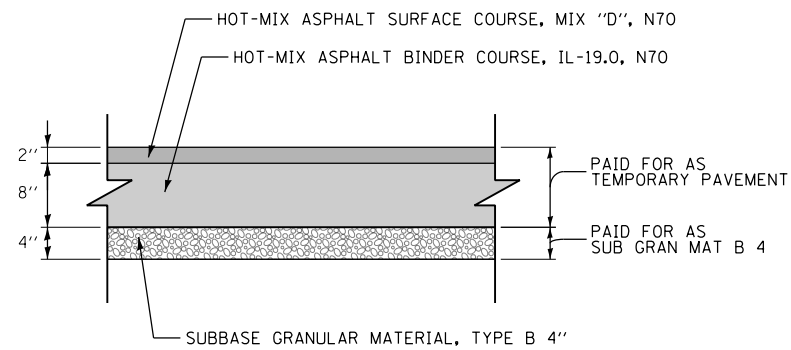
**TYPICAL SECTIONS
SB I-90/94, WS RAMP AND ES RAMP**

SCALE: NONE SHEET 5 OF 6 SHEETS STA. TO STA.

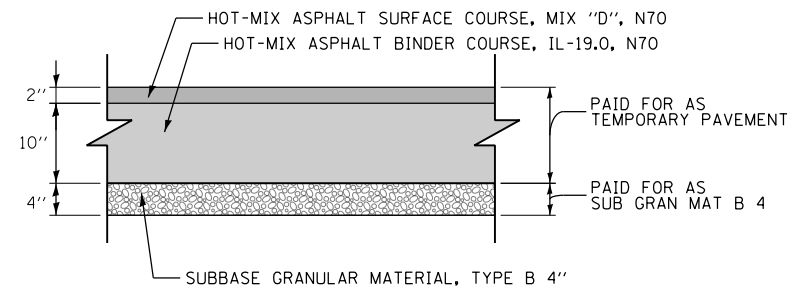
F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	32
CONTRACT NO. 60W26				
ILLINOIS FED. AID PROJECT				

TEMPORARY PAVEMENT DETAILS:

DETAIL A: FULL DEPTH TEMPORARY HMA PAVEMENT

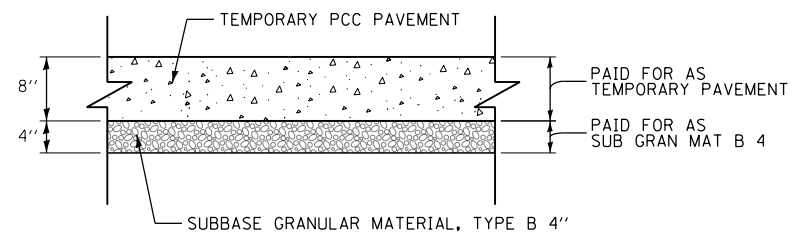


TEMPORARY HMA PAVEMENT FOR I-290 AND SW RAMP

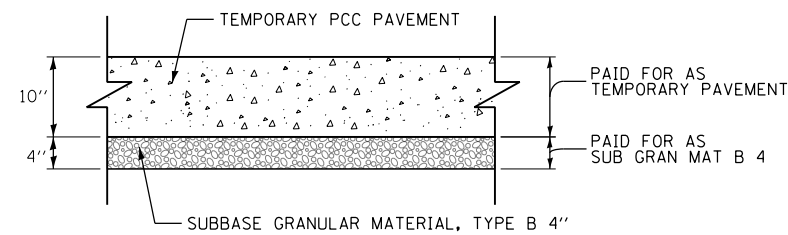


TEMPORARY HMA PAVEMENT FOR SB I-90/94 AND ES RAMP

DETAIL B: TEMPORARY PCC PAVEMENT



TEMPORARY PCC PAVEMENT FOR I-290 AND SW RAMP



TEMPORARY PCC PAVEMENT FOR SB I-90/94 AND ES 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.

HOT MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS (%) @ND5
PAVEMENT RESURFACING	
HALSTED STREET AND HARRISON STREET	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5 mm): 1-3/4"	4% @ 70 GYR
PAVEMENT RECONSTRUCTION	
HALSTED STREET AND HARRISON STREET	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5 mm): 1-3/4"	4% @ 70 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70: 2-1/4"	4% @ 70 GYR
TEMPORARY PAVEMENT (IF HMA OPTION IS SELECTED BY CONTRACTOR)	
I-290, WS RAMP AND HALSTED STREET	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5 mm): 2"	4% @ 70 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70: 8" (IN 3 LIFTS)	4% @ 70 GYR
SB I-90/94 AND ES RAMP	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5 mm): 2"	4% @ 70 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70: 10" (IN 4 LIFTS)	4% @ 70 GYR

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.

I-290

STRUCTURAL DESIGN TRAFFIC: YEAR 2015
 PV= _____ SU= _____ MU= _____
 ROAD/STREET CLASSIFICATION: CLASS I
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
 P= _____ S= _____ M= _____
 TRAFFIC FACTOR: ACTUAL TF= _____ AC TYPE= _____
 MINIMUM TF= _____
 PG GRADE: BINDER= _____ SURFACE= _____
 SUBGRADE SUPPORT RATING
 SSR= POOR

SB I-90/94

STRUCTURAL DESIGN TRAFFIC: YEAR 2015
 PV= _____ SU= _____ MU= _____
 ROAD/STREET CLASSIFICATION: CLASS I
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
 P= _____ S= _____ M= _____
 TRAFFIC FACTOR: ACTUAL TF= _____ AC TYPE= _____
 MINIMUM TF= _____
 PG GRADE: BINDER= _____ SURFACE= _____
 SUBGRADE SUPPORT RATING
 SSR= POOR

ES RAMP

STRUCTURAL DESIGN TRAFFIC: YEAR 2015
 PV= _____ SU= _____ MU= _____
 ROAD/STREET CLASSIFICATION: CLASS I
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
 P= _____ S= _____ M= _____
 TRAFFIC FACTOR: ACTUAL TF= _____ AC TYPE= _____
 MINIMUM TF= _____
 PG GRADE: BINDER= _____ SURFACE= _____
 SUBGRADE SUPPORT RATING
 SSR= POOR

WS RAMP

STRUCTURAL DESIGN TRAFFIC: YEAR 2015
 PV= _____ SU= _____ MU= _____
 ROAD/STREET CLASSIFICATION: CLASS I
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
 P= _____ S= _____ M= _____
 TRAFFIC FACTOR: ACTUAL TF= _____ AC TYPE= _____
 MINIMUM TF= _____
 PG GRADE: BINDER= _____ SURFACE= _____
 SUBGRADE SUPPORT RATING
 SSR= POOR

SW RAMP

STRUCTURAL DESIGN TRAFFIC: YEAR 2015
 PV= _____ SU= _____ MU= _____
 ROAD/STREET CLASSIFICATION: CLASS I
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
 P= _____ S= _____ M= _____
 TRAFFIC FACTOR: ACTUAL TF= _____ AC TYPE= _____
 MINIMUM TF= _____
 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.

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D160W26-sht-Typical-06
 USER NAME = chitua
 PLOT SCALE = 10.0000 "/ in.
 PLOT DATE = 9/12/2013

DESIGNED - OPS
 DRAWN - OPS
 CHECKED - DBM
 DATE - 9/15/13

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
 TEMPORARY PAVEMENT

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	33
CONTRACT NO. 60W26			ILLINOIS FED. AID PROJECT	

REMOVAL SCHEDULE

LOCATION	STATION	TO	STATION	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (OVER 15 UNITS DIAMETER)	TREE REMOVAL, ACRES	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	PAVEMENT REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	DRIVEWAY PAVEMENT REMOVAL	CURB REMOVAL	GUTTER REMOVAL	COMBINATION CURB AND GUTTER REMOVAL	SIDEWALK REMOVAL	CONCRETE BARRIER REMOVAL	MEDIAN REMOVAL	PAVED SHOULDER REMOVAL	REMOVE EXISTING GATE	REMOVE IMPACT ATTENUATORS, NO SALVAGE	APPROACH SLAB REMOVAL	FENCE REMOVAL	REMOVE GATE POSTS
				INCH	UNIT	ACRE	SO YD	SO YD	SO YD	SO YD	FOOT	FOOT	FOOT	SO FT	FOOT	SO FT	SO YD	EACH	EACH	SO YD	FOOT	EACH
HALSTED STREET	3830+15.00	TO	3839+05.00	-	-	-	197	3497	55	24	-	-	955	6970	-	282	-	-	-	680	-	-
HARRISON STREET	7807+25.00	TO	7811+33.00	41	-	0.45	-	846	-	116	74	-	319	2323	-	-	-	1	-	523	220	3
I-290 WESTBOUND				-	-	-	-	109	-	-	-	-	-	-	169	-	-	-	-	-	-	-
I-290 EASTBOUND				-	-	-	-	294	-	-	-	-	-	-	262	-	198	-	-	-	-	-
I-90/94 SOUTHBOUND				-	-	-	-	-	-	-	-	-	-	-	108	-	137	-	-	-	-	-
RAMP ES	105+51.22	TO	110+50.00	411	48	-	-	563	-	-	-	150	119	-	400	-	175	-	1	-	172	-
RAMP ES	110+50.00	TO	112+95.78	-	-	-	-	-	-	-	-	-	-	-	350	148	374	-	-	-	-	-
RAMP SW				70	34	-	-	214	-	-	-	242	-	-	234	-	134	-	-	-	-	-
RAMP NW				-	-	-	-	-	-	-	-	-	-	-	-	-	200	-	-	-	-	-
RAMP EN				-	-	-	-	-	-	-	-	-	-	-	162	-	-	-	-	-	-	-
ROUNDED TOTAL				522	82	0.5	197	5523	55	140	74	392	1393	9293	1685	430	1218	1	1	1203	392	3

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	D160W26-sht-Schedule-01 USER NAME = chitua PLOT SCALE = 50.0000' / in. PLOT DATE = 9/12/2013	DESIGNED - OPS DRAWN - OPS CHECKED - DBM DATE - 9/15/13	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				SCALE:	SHEET 1 OF 4 SHEETS	STA. TO STA.	F.A.I. RTE. 90/94/290	SECTION 2013-008R	COUNTY COOK	TOTAL SHEETS 559	SHEET NO. 34	CONTRACT NO. 60W26	ILLINOIS FED. AID PROJECT
												ILLINOIS FED. AID PROJECT						

ROADWAY SCHEDULE

LOCATION	STATION	TO	STATION	TREE TRUNK PROTECTION	TREE ROOT PRUNING	TREE PRUNING (1 TO 10 INCH DIAMETER)	TREE PRUNING (OVER 10 INCH DIAMETER)	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	AGGREGATE SUBGRADE IMPROVEMENT	SUBBASE GRANULAR MATERIAL, TYPE B, 4"	SUBBASE GRANULAR MATERIAL, TYPE B, 6"	PORTLAND CEMENT CONCRETE BASE COURSE 9"	HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE BASE COURSE 9"	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	HOT-MIX ASPHALT BINDER COURSE, IL-19.0 N70	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	PAVEMENT FABRIC	PROTECTIVE COAT	BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	CONCRETE CURB, TYPE B (SPECIAL) (CDOT)	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6, 24	CONCRETE MEDIAN SURFACE, 4 INCH	IMPACT ATTENUATORS (SEVERE USE, WIDE), TEST LEVEL 2	
				EACH	EACH	EACH	EACH	SO YD	CU YD	SO YD	SO YD	SO YD	SO YD	TON	TON	TON	TON	SO YD	SO YD	SO YD	SO YD	SO FT	SO FT	FOOT	FOOT	SO FT	EACH	
HALSTED STREET	3830+15.00	TO	3839+05.00	-	-	-	-	3639	145	-	3291	3048	-	1.3	7	384	314	3048	731	71	23	5871.0	1832.5	-	-	-	-	
HARRISON STREET	7807+25.00	TO	7811+33.00	-	-	-	-	137	30	-	314	248	-	0.2	1	32	25	248	308	39	118	1279.2	-	85.9	-	-	-	
I-290 WESTBOUND				-	-	-	-	-	-	437	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
I-290 EASTBOUND				-	-	-	-	-	-	605	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
I-90/94 SOUTHBOUND				-	-	-	-	-	-	143	-	-	-	-	-	-	-	-	241	-	-	-	-	-	-	-	-	
RAMP ES	105+51.22	TO	110+50.00	6	6	2	4	-	-	1179	-	-	-	-	-	-	-	-	-	-	-	-	-	-	273	-	1	
RAMP ES	110+50.00	TO	112+95.78	-	-	-	-	-	-	329	-	-	-	-	-	-	-	-	547	-	-	-	-	-	-	-	-	
RAMP SW				5	5	3	2	-	-	303	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	770	-	
RAMP NW				-	-	-	-	-	-	134	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
RAMP EN				-	-	-	-	-	-	62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
HIGH-EARLY-STRENGTH PCC BASE CSE 9" (ASSUME 10% OF HALSTED ST PCC BASE CSE 9")				-	-	-	-	-	-	-	-	-305	305	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ROUNDED TOTAL				11	11	5	6	3777	175	3192	3605	2991	305	1.5	8	416	339	3296	1827	110	141	7150.5	1832.5	86	273	770	2	

LOCATION	STATION	TO	STATION	CHAIN LINK FENCE, 6'	CHAIN LINK FENCE, 8'	CHAIN LINK GATES, 6' X 8' DOUBLE	CHAIN LINK GATES, 8' X 12' SINGLE	SAND CUSHION, 4 INCH, (CDOT)	DETECTABLE WARNINGS (SPECIAL)	ORNAMENTAL FENCE, WROUGHT IRON	SELECT GRANULAR BACKFILL, SPECIAL	COMBINATION CURB AND GUTTER TYPE B V. 12 (CDOT)	CONCRETE MEDIAN (SPECIAL)	TEMPORARY PAVEMENT	CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT	CONCRETE BARRIER TRANSITION	CONCRETE BARRIER BASE	CONCRETE BARRIER BASE (SPECIAL)	CONCRETE BARRIER WALL (SPECIAL)	CONCRETE BARRIER TRANSITION (SPECIAL)	BARRIER WALL MARKERS, TYPE C	TEMPORARY CONCRETE BARRIER (FURNISH AND INSTALL), TO REMAIN IN PLACE	CONSTRUCTION ACCESS	
				FOOT	EACH	EACH	EACH	SO FT	SO FT	FOOT	CU YD	FOOT	SO FT	SO YD	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	FOOT
HALSTED STREET	3830+15.00	TO	3839+05.00	-	-	-	-	7704	160	118	-	761	252	-	-	-	-	-	-	-	-	-	-	
HARRISON STREET	7807+25.00	TO	7811+33.00	-	14	-	1	1280	-	-	-	95	-	85	-	-	-	-	-	-	-	-	1	
I-290 WESTBOUND				-	-	-	-	-	-	-	-	-	-	416	72	24	96	-	-	-	6	-	-	
I-290 EASTBOUND				-	-	-	-	-	-	-	-	-	-	553	72	37	109	70	40	30	12	-	-	
I-90/94 SOUTHBOUND				-	-	-	-	-	-	-	-	-	-	137	78	30	108	-	-	-	3	-	-	
RAMP ES	105+51.22	TO	110+50.00	-	-	-	-	-	-	-	-	-	-	1133	106	77	183	12	12	-	17	100	-	
RAMP ES	110+50.00	TO	112+95.78	117	-	1	-	-	-	-	-	-	-	308	202	42	244	-	-	-	5	-	-	
RAMP SW				-	-	-	-	-	-	-	120	-	-	176	-	-	-	317	272	45	25	-	-	
RAMP NW				-	-	-	-	-	-	-	-	-	-	134	-	-	-	-	-	-	-	-	-	
RAMP EN				-	-	-	-	-	-	-	-	-	-	-	-	-	-	154	124	30	21	100	-	
HIGH-EARLY-STRENGTH PCC BASE CSE 9" (ASSUME 10% OF HALSTED ST PCC BASE CSE 9")				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ROUNDED TOTAL				117	14	1	1	8984	160	118	120	856.5	252	2942	530	210	740	553	448	105	89	200	1	

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D160W26-sht-Schedule-02
 USER NAME = chiu
 PLOT SCALE = 50.0000' / in.
 PLOT DATE = 9/13/2013

DESIGNED - OPS
 DRAWN - OPS
 CHECKED - DBM
 DATE - 9/15/13

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	35
CONTRACT NO. 60W26				
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)		
					EXISTING TOPSOIL			UNDERCUT										
		STG 1	STG 2	STG 3	STG 1	STG 2	STG 3	ALL STG		STG 1	STG 2	STG 3	STG 1	STG 2	STG 3		STG 1	STG 2
HALSTED STREET																		
3830+00.00	3830+15.00	2	2	0	1	0	0	-	2	2	0	0	0	0	2	2	0	
3830+15.00	3830+50.00	6	10	0	3	0	0	-	5	9	0	6	8	0	-1	1	0	
3830+50.00	3830+97.05	3	17	0	0	0	0	-	3	14	0	30	20	0	-27	-6	0	
3830+97.05	3831+00.00	0	1	0	0	0	0	-	0	1	0	3	1	0	-3	0	0	
3831+00.00	3831+50.00	4	8	0	0	0	0	-	3	7	0	35	76	14	-32	-69	-14	
3831+50.00	3832+00.00	6	14	2	0	6	3	-	5	12	2	31	78	19	-26	-66	-17	
3832+00.00	3832+50.00	3	6	2	2	12	3	-	3	5	2	57	32	6	-54	-27	-4	
3832+50.00	3832+87.05	0	0	0	3	5	0	-	0	0	0	97	62	0	-97	-62	0	
BRIDGE OMISSION																		
3837+82.72	3838+00.00	1	10	0	0	3	0	-	1	9	0	19	45	0	-18	-37	0	
3838+00.00	3838+50.00	4	20	1	10	9	0	-	3	17	1	158	119	6	-155	-102	-5	
3838+50.00	3838+56.25	1	1	0	2	0	0	-	1	1	0	26	0	1	-25	1	-1	
3838+56.25	3839+00.00	3	6	2	7	0	0	-	3	5	2	66	1	5	-63	4	-3	
3839+00.00	3839+05.00	0	1	0	0	0	0	-	0	1	0	0	0	0	0	1	0	
3839+05.00	3839+50.00	0	3	3	0	0	0	-	0	3	3	2	0	0	-2	3	3	
HALSTED STREET PIER 1																		
		0	0	0	0	0	0	-	0	0	0	27	22	0	-27	-22	0	
HALSTED STREET PIER 2																		
		45	45	0	0	0	0	-	38	38	0	133	146	0	-95	-108	0	
HALSTED STREET PIER 3																		
		0	0	0	0	0	0	-	0	0	0	92	91	0	-92	-91	0	
HALSTED STREET PIER 4																		
		0	0	0	0	0	0	-	0	0	0	111	102	0	-111	-102	0	
HALSTED STREET PIER 5																		
		0	0	0	0	0	0	-	0	0	0	63	53	0	-63	-53	0	
HALSTED STREET PIER 6																		
		0	0	0	0	0	0	-	0	0	0	44	57	0	-44	-57	0	
HALSTED STREET NORTH ABUTMENT																		
		618	600	0	0	0	0	-	525	510	0	716	686	0	-191	-176	0	
SUBTOTAL		696	744	10	28	35	6	145	592	633	9	1716	1599	51	-1125	-967	-43	2135
HARRISON STREET																		
7805+00.00	7805+15.00	3	4	0	0	1	0	0	3	3	0	0	0	0	3	3	0	
7805+15.00	7805+50.00	14	15	0	0	2	0	0	12	13	0	0	9	0	12	4	0	
7805+50.00	7806+00.00	14	35	0	0	1	0	0	12	30	0	0	26	0	12	4	0	
HALSTED STREET OMISSION																		
7807+00.00	7807+25.00	14	9	0	4	3	0	3	12	8	0	1	1	0	11	7	0	
7807+25.00	7807+41.56	11	8	0	1	1	0	3	10	6	0	0	1	0	9	6	0	
7807+41.56	7807+73.85	28	19	0	3	2	0	6	24	16	0	6	8	0	18	8	0	
7807+73.85	7808+03.85	36	24	0	2	1	0	7	31	20	0	6	9	0	25	11	0	
BRIDGE OMISSION																		
7810+88.50	7810+95.70	8	5	0	1	0	0	2	7	4	0	1	1	0	6	3	0	
7810+95.70	7811+18.00	25	17	0	4	2	0	5	21	14	0	3	5	0	18	9	0	
7811+18.00	7811+50.00	20	13	0	4	2	0	4	17	11	0	3	5	0	14	6	0	
SUBTOTAL		174	149	0	18	16	0	30	148	127	0	20	65	0	128	62	0	0

• NOT A PAY ITEM.

NOTE: THE UNDERCUT QUANTITY IS ESTIMATED TO BE 10% OF THE EARTH MOVED.
(EARTH MOVED = EARTH EXCAVATION + UNDERCUT)

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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)		
		CUYD			EXISTING TOPSOIL			UNDERCUT		CUYD			CUYD				CU YD	
		STG 1	STG 2	STG 3	STG 1	STG 2	STG 3	ALL STG		STG 1	STG 2	STG 3	STG 1	STG 2	STG 3		STG 1	STG 2
I-90/94 SOUTHBOUND																		
8+84.73	9+00.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9+00.00	9+13.10	1	1	0	2	1	0	1	1	1	0	0	0	0	1	1	0	0
9+13.10	9+27.56	6	2	0	4	2	0	1	5	2	0	32	14	0	-27	-11	0	0
9+27.56	9+37.97	5	2	0	4	2	0	1	4	2	0	44	19	0	-40	-17	0	0
9+37.97	9+50.00	5	2	0	5	2	0	1	4	2	0	49	21	0	-45	-19	0	0
9+50.00	9+92.82	20	9	0	20	8	0	4	17	7	0	176	76	0	-159	-68	0	0
9+92.82	10+00.00	4	2	0	4	2	0	1	4	2	0	22	10	0	-19	-8	0	0
10+00.00	10+10.17	4	2	0	7	3	0	1	3	1	0	11	5	0	-8	-3	0	0
10+10.17	10+19.21	1	1	0	4	2	0	1	1	1	0	0	0	0	1	1	0	0
10+19.21	10+50.00	2	1	0	0	0	0	1	2	1	0	0	0	0	2	1	0	0
SUBTOTAL		49	21	0	49	21	0	12	42	18	0	334	144	0	-293	-126	0	419
RAMP ES (INCLUDING HALSTED STREET SOUTH ABUTMENT, RETAINING WALL 016-1802, AND HARRISON STREET WEST ABUTMENT)																		
7304+50.00	7304+82.65	2	2	0	0	0	0	1	1	2	0	0	0	0	1	2	0	0
7304+82.65	7305+00.00	2	2	0	0	0	0	1	1	2	0	0	0	0	1	2	0	0
7305+00.00	7305+50.00	6	8	0	0	0	0	2	5	7	0	0	0	0	5	7	0	0
7305+50.00	7305+87.31	4	6	0	1	1	0	2	3	5	0	74	126	11	-70	-121	-11	0
7305+87.31	7306+00.00	18	28	0	1	1	0	6	16	23	0	37	64	5	-22	-41	-5	0
7306+00.00	7306+18.11	177	266	0	3	5	0	50	151	226	0	38	65	5	112	161	-5	0
7306+18.11	7306+24.65	97	145	0	2	3	0	27	82	123	0	13	23	2	69	101	-2	0
7306+24.65	7306+50.00	293	440	0	7	10	0	82	249	374	0	39	66	6	211	308	-6	0
7306+50.00	7307+00.00	365	547	0	11	17	0	102	310	465	0	49	83	7	261	382	-7	0
7307+00.00	7307+11.99	70	105	0	6	9	0	20	60	89	0	27	47	4	32	42	-4	0
7307+11.99	7307+19.63	58	88	0	5	7	0	17	50	74	0	18	30	3	32	44	-3	0
7307+19.63	7307+50.00	209	313	0	11	17	0	58	177	266	0	22	38	3	155	228	-3	0
7307+50.00	7308+00.00	347	521	0	26	38	0	97	295	443	0	46	79	7	249	364	-7	0
7308+00.00	7308+50.00	425	638	0	29	43	0	119	361	542	0	50	85	7	312	457	-7	0
7308+50.00	7308+69.01	162	242	0	10	14	0	45	137	206	0	22	37	3	116	169	-3	0
7308+69.01	7308+74.74	45	68	0	3	4	0	13	38	58	0	8	14	1	30	43	-1	0
7308+74.74	7308+95.62	177	266	0	9	13	0	50	151	226	0	28	49	4	122	177	-4	0
7308+95.62	7309+00.00	41	62	0	2	3	0	12	35	53	0	6	10	1	29	43	-1	0
7309+00.00	7309+05.02	52	79	0	3	5	0	15	45	67	0	15	26	2	29	41	-2	0
7309+05.02	7309+50.00	449	674	0	22	34	0	125	382	573	0	168	288	24	214	285	-24	0
7309+50.00	7309+75.79	217	326	0	6	10	0	61	185	277	0	83	142	12	102	135	-12	0
7309+75.79	7309+77.87	17	26	0	1	1	0	5	15	22	0	8	13	1	7	9	-1	0
7309+77.87	7309+94.44	182	272	0	6	8	0	51	154	232	0	54	92	8	100	139	-8	0
7309+94.44	7310+00.00	50	75	0	2	3	0	14	43	64	0	10	17	1	33	47	-1	0
7310+00.00	7310+50.00	111	167	0	6	9	0	31	95	142	0	18	31	3	76	111	-3	0
7310+50.00	7311+00.00	2	2	0	0	0	0	1	1	2	0	0	0	0	1	2	0	0
7311+00.00	7311+32.13	1	2	0	0	0	0	1	1	2	0	0	0	0	1	2	0	0
7311+32.13	7311+50.00	0	1	0	0	0	0	1	0	1	0	0	0	0	0	1	0	0
SUBTOTAL		3580	5370	0	171	257	0	1009	3043	4565	0	832	1427	119	2212	3139	-119	119
	TOTAL	4499	6284	10	266	329	6	1196	3825	5343	9	2902	3235	170	922	2108	-162	2673
	ROUNDED TOTAL	10795			1800				9180			6310			2870			2675

• NOT A PAY ITEM.

NOTE: THE UNDERCUT QUANTITY IS ESTIMATED TO BE 10% OF THE EARTH MOVED. (EARTH MOVED = EARTH EXCAVATION + UNDERCUT)

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	D:\60W26-sht-Schedule-04 USER NAME = chiu PLOT SCALE = 50.0000' / in. PLOT DATE = 9/13/2013	DESIGNED - KAM/KL DRAWN - AFC CHECKED - DBM DATE - 9/15/13	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES	F.A.I. R.E. 90/94/290	SECTION 2013-008R	COUNTY COOK	TOTAL SHEETS 559	SHEET NO. 37
	SCALE: SHEET 4 OF 4 SHEETS STA. TO STA.					CONTRACT NO. 60W26 ILLINOIS FED. AID PROJECT				

EXISTING DRAINAGE STRUCTURE SCHEDULE (CITY OF CHICAGO)

STATION	OFFSET	MANHOLES TO BE ADJUSTED	MANHOLES TO BE RECONSTRUCTED	INLETS TO BE ADJUSTED	REMOVING MANHOLES	REMOVING CATCH BASINS	REMOVING INLETS	COMMENTS
		EACH	EACH	EACH	EACH	EACH	EACH	
HALSTED STREET								
3830+91	1.65' RT	1						EX RIM EL = 593.764 PR RIM EL = 594.11
3831+12	11.21' RT	1						EX RIM EL = 593.663 PR RIM EL = 594.04
3831+63	43.98' LT						1	
3831+90	32.65' RT						1	
3831+94	34.76' RT						1	
3832+48	1.59' RT	1						EX RIM EL = 593.305 PR RIM EL = 594.09
3832+96	22.13' LT						1	
3833+10	26.55' RT						1	
3833+10	1.55' RT				1			
3837+89	22.35' LT						1	
3838+00	26.64' RT						1	
3838+02	.45' RT				1			
3838+44	1.04' RT	1						EX RIM EL = 593.62 PR RIM EL = 593.69
3838+95	22.71' LT			1				EX RIM EL = 592.72 PR RIM EL = 592.88
3838+99	26.42' RT			1				EX RIM EL = 592.71 PR RIM EL = 592.78
HARRISON STREET								
7807+28	35.86' LT					1		
7807+28	24.52' RT						1	
7807+29	20.71' RT					1		
7808+01	3.56' LT				1			
7810+86	23.23' RT				1			
7810+94	72.51' RT		1					
TOTALS		4	1	2	4	2	8	

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EXISTING DRAINAGE STRUCTURE SCHEDULE (IDOT)

STATION	OFFSET	CATCH BASINS TO BE ADJUSTED	MANHOLES TO BE ADJUSTED	INLETS TO BE ADJUSTED	REMOVING MANHOLES	REMOVING CATCH BASINS	REMOVING INLETS	COMMENTS	
		EACH	EACH	EACH	EACH	EACH	EACH		
EN RAMP									
15+13.62	12.93' RT			1				EX RIM EL = 574.16	PR RIM EL = 574.16
15+24.92	12.46' RT			1				EX RIM EL = 574.31	PR RIM EL = 574.31
15+59.01	17.52' RT			1				EX RIM EL = 574.62	PR RIM EL = 574.62
EB I-290									
351+34.38	27.59' RT		1					EX RIM EL = 575.90	PR RIM EL = 575.90
352+54.96	33.98' RT					1			
352+61.23	29.61' RT		1					EX RIM EL = 578.75	PR RIM EL = 578.75
352+62.16	23.89' LT	1						EX RIM EL = 579.14	PR RIM EL = 579.14
352+66.56	24.96' RT	1						EX RIM EL = 579.19	PR RIM EL = 579.19
WB I-290									
352+54.78	30.21' LT	1						EX RIM EL = 579.14	PR RIM EL = 579.14
352+60.97	29.51' LT		1					EX RIM EL = 579.47	PR RIM EL = 579.47
352+66.17	26.85' LT		1					EX RIM EL = 579.77	PR RIM EL = 579.77
SW RAMP									
20+00.61	7.54' RT		1					EX RIM EL = 574.43	PR RIM EL = 574.43
20+05.40	16.74' RT						1	EX RIM EL = 574.03	PR RIM EL = 574.03
20+05.40	21.59' RT					1			
20+19.04	19.46' RT					1			
21+20.13	21.79' RT					1			
ES RAMP									
105+71.05	13.02' RT	1						EX RIM EL = 574.21	PR RIM EL = 574.21
106+79.43	26.50' RT					1			
108+17.14	20.32' RT						1		
108+44.92	26.51' RT					1			
108+55.76	26.60' RT					1			
109+15.40	21.12' RT						1		
111+47.14	17.61' RT						1		
111+67.50	32.25' RT	1						EX RIM EL = 578.54	PR RIM EL = 578.54
111+91.25	14.30' RT		1					EX RIM EL = 577.51	PR RIM EL = 577.51
112+48.96	17.47' RT			1				EX RIM EL = 577.58	PR RIM EL = 577.58
WS RAMP									
21+36.85	6.60' LT			1				EX RIM EL = 578.84	PR RIM EL = 578.84
I-90/94 SB									
10+00.00	17.00' LT				1				
TOTALS		5	6	5	1	7	4		

EXISTING DRAINAGE PIPE SCHEDULE

DRAINAGE AND UTILITY SHEET NO.	STATION	STORM SEWER REMOVAL			COMBINED SEWER REMOVAL			TRENCH BACKFILL CU YD	TELEVISION INSPECTION OF SEWER FOOT	COMBINED SEWERS TO BE CLEANED FOOT	PLUG EXISTING PIPE CU YD	STORM SEWERS TO BE CLEANED		
		FOOT			FOOT							FOOT		
		10"	12"	21"	8"	24"	60"					10"	12"	21"
1	HALSTED STREET (INCLUDES HALSTED-HARRISON INTERSECTION)	-	-	-	104	87	-	0.0	808	404	0.1	-	-	-
2/4	WB I-290 (INCLUDES SW AND NW RAMP)	-	26	-	-	-	-	3.6	600	-	-	-	185	-
3/5	EB I-290 (INCLUDES ES AND EN RAMP)	38	25	90	-	-	-	89.1	420	-	-	175	-	35
6	HARRISON STREET	-	91	-	61	-	116	407.5	-	-	0.4	-	-	-
8/9	SB I-90/94 (INCLUDES ES AND WS RAMP)	-	31	-	-	-	86	4.8	428	-	-	-	168	-
ROUNDED TOTAL		38	173	90	165	87	202	505.0	2256	404	0.5	175	353	35

NOTES:

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

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DI60W26-sht-Schedule-Drain-02
 USER NAME = chiu
 PLOT SCALE = 50.0000' / in.
 PLOT DATE = 9/12/2013

DESIGNED - AFC/JSL
 DRAWN - AFC
 CHECKED - EEY/JWC
 DATE - 9/15/13

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRAINAGE AND UTILITY SCHEDULES

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

F.A.I. RTE. 90/94/290	SECTION 2013-008R	COUNTY COOK	TOTAL SHEETS 559	SHEET NO. 39
CONTRACT NO. 60W26			ILLINOIS FED. AID PROJECT	

EXISTING UTILITY STRUCTURE SCHEDULE

STATION	OFFSET	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	REMOVE EXISTING HANDHOLE	REMOVE EXISTING VALVE AND VAULT	FILLING VALVE VAULTS	FIRE HYDRANTS TO BE REMOVED	COMMENTS
		(EA)	(EA)	(EA)	(EA)	(EA)	
HARRISON STREET							
7805+34.34	33.13 RT		1				CITY OF CHICAGO ELECTRICAL MANHOLE OR HANDHOLE
7805+36.02	41.02 LT	1					CITY OF CHICAGO ELECTRICAL MANHOLE OR HANDHOLE
7805+49.32	45.15 LT	1					CITY OF CHICAGO WATER MAIN STRUCTURE
7805+59.05	16.61 LT	1					CITY OF CHICAGO WATER MAIN STRUCTURE
7805+80.64	18.96 LT			1			CITY OF CHICAGO WATER MAIN STRUCTURE
7806+86.29	12.62 RT		1				CITY OF CHICAGO ELECTRICAL MANHOLE OR HANDHOLE
7806+96.10	6.43 LT				1		CITY OF CHICAGO WATER MAIN STRUCTURE
7807+23.34	24.09 RT			1			CITY OF CHICAGO WATER MAIN STRUCTURE
7807+27.50	15.41 LT				1		CITY OF CHICAGO WATER MAIN STRUCTURE
7807+33.80	18.79 RT			1			CITY OF CHICAGO WATER MAIN STRUCTURE
7807+70.15	9.85 LT			1			CITY OF CHICAGO WATER MAIN STRUCTURE
7807+70.48	6.37 RT			1			CITY OF CHICAGO WATER MAIN STRUCTURE
7807+75.91	3.28 RT			1			CITY OF CHICAGO WATER MAIN STRUCTURE
7807+89.30	30.22 LT					1	CITY OF CHICAGO FIRE HYDRANT
7807+89.45	20.11 LT			1			CITY OF CHICAGO WATER MAIN STRUCTURE
7807+92.49	11.70 RT		1				CITY OF CHICAGO ELECTRICAL MANHOLE OR HANDHOLE
7808+25.83	30.07 LT		1				CITY OF CHICAGO ELECTRICAL MANHOLE OR HANDHOLE
7808+30.91	33.16 RT			1			CITY OF CHICAGO WATER MAIN STRUCTURE
7810+78.13	27.14 RT					1	CITY OF CHICAGO FIRE HYDRANT
7810+81.93	65.24 RT	1					CITY OF CHICAGO WATER MAIN STRUCTURE
7810+85.76	36.35 RT			1			CITY OF CHICAGO WATER MAIN STRUCTURE
7810+98.76	58.07 RT	1					CITY OF CHICAGO WATER MAIN STRUCTURE
7811+14.24	28.65 LT		1				CITY OF CHICAGO ELECTRICAL MANHOLE OR HANDHOLE
7811+15.85	36.20 RT	1					CITY OF CHICAGO WATER MAIN VAULT ACCESS - SQUARE LID
7811+25.19	29.67 LT	1					CITY OF CHICAGO WATER MAIN STRUCTURE - LARGE DIA. LID
7811+29.93	8.59 RT	1					CITY OF CHICAGO ELECTRICAL VAULT
7811+38.74	8.42 RT	1					CITY OF CHICAGO ELECTRICAL VAULT

NOTES:
SEE SHT NO. 40A FOR TOTAL QUANTITY.

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EXISTING UTILITY STRUCTURE SCHEDULE

STATION	OFFSET	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	REMOVE EXISTING HANDHOLE	REMOVE EXISTING VALVE AND VAULT	FILLING VALVE VAULTS	FIRE HYDRANTS TO BE REMOVED	COMMENTS
		(EA)	(EA)	(EA)	(EA)	(EA)	
HALSTED STREET							
3830+10.76	45.85 RT	1					CITY OF CHICAGO ELECTRICAL MANHOLE OR HANDHOLE
3830+15.64	13.79 RT	1					CITY OF CHICAGO ELECTRICAL MANHOLE OR HANDHOLE
3830+20.33	10.95 LT	1					CITY OF CHICAGO ELECTRICAL MANHOLE OR HANDHOLE
3830+21.27	38.52 LT		1				CITY OF CHICAGO ELECTRICAL MANHOLE OR HANDHOLE
3830+25.91	17.56 LT	1					CITY OF CHICAGO ELECTRICAL MANHOLE OR HANDHOLE
3830+37.59	23.22 LT	1					CITY OF CHICAGO ELECTRICAL MANHOLE OR HANDHOLE
3830+72.79	14.70 RT		1				CITY OF CHICAGO ELEC MH OR HH - TO BE RECONSTRUCTED
3830+85.34	14.92 LT		1				CITY OF CHICAGO ELECTRICAL MANHOLE OR HANDHOLE
3831+48.44	28.80 LT		1				CITY OF CHICAGO ELECTRICAL MANHOLE OR HANDHOLE
3831+50.80	14.92 LT	1					CITY OF CHICAGO ELECTRICAL MANHOLE OR HANDHOLE
3831+53.94	36.94 LT	1					CITY OF CHICAGO WATER MAIN STRUCTURE
3832+34.01	32.77 RT			1			CITY OF CHICAGO WATER MAIN STRUCTURE
3832+41.41	14.03 LT	1					CITY OF CHICAGO ELECTRICAL MANHOLE OR HANDHOLE
3832+98.23	27.02 LT					1	CITY OF CHICAGO FIRE HYDRANT
3833+01.61	26.46 LT			1			CITY OF CHICAGO HYDRANT VALVE
3833+16.71	12.37 LT		1				CITY OF CHICAGO ELECTRICAL MANHOLE OR HANDHOLE
3834+39.73	12.89 LT		1				CITY OF CHICAGO ELECTRICAL MANHOLE OR HANDHOLE
3834+40.54	24.44 RT		1				CITY OF CHICAGO ELECTRICAL MANHOLE OR HANDHOLE
3836+68.02	24.50 RT		1				CITY OF CHICAGO ELECTRICAL MANHOLE OR HANDHOLE
3836+68.87	12.93 LT		1				CITY OF CHICAGO ELECTRICAL MANHOLE OR HANDHOLE
3838+15.28	13.72 LT	1					CITY OF CHICAGO ELECTRICAL MANHOLE OR HANDHOLE
3838+62.15	7.72 RT	1					ELECTRICAL STRUCTURE - UNKNOWN OWNER
3839+00.27	14.28 LT	1					CITY OF CHICAGO ELECTRICAL MANHOLE OR HANDHOLE
3839+16.61	21.10 LT	1					CITY OF CHICAGO WATER MAIN STRUCTURE
TOTALS							
		21	14	11	2	3	

NOTES:

THE TOTAL QUANTITY INCLUDES QUANTITY FROM SHT NO.40.

FILE PATH = p:\388039\pmt\escomon\me\local\p\AECOM\0\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\1\000_CAD\005_Roadway\Sheets\60W26-Contract\0160W26-sht-Schedule-Drain-03A

PROPOSED DRAINAGE STRUCTURE SCHEDULE (CITY OF CHICAGO)

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)	TRENCH DRAIN	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID (CITY OF CHICAGO)	MANHOLES TYPE B, 4' DIA., TYPE 1 FRAME, CLOSED LID (CITY OF CHICAGO)	CATCH BASINS, TYPE A, 4' - DIAMETER, TYPE 1 FRAME, OPEN LID (CITY OF CHICAGO)	CATCH BASINS, TYPE A, 4' - DIAMETER, TYPE 1 FRAME, CLOSED LID (CITY OF CHICAGO)	MANHOLES TYPE A, 4' DIA., TYPE 1 FRAME, CLOSED LID (CITY OF CHICAGO)	PRECAST TUMBLING BASIN	
HARRISON STREET													EACH	EACH	EACH	EACH	EACH	EACH	EACH	
S-01	7805+19.81	29.02' LT	EOP	593.15			587.88									1				
S-02A	7807+00.09	25.20' RT	EOP	593.63	590.28									1						
S-02B	7807+00.02	19.34' RT	COS	593.72	590.22			590.26								1				
S-03	7807+09.45	32.00' LT	EOP	593.50			588.23									1				
S-51	7810+95.55	34.17' RT	-	597.37					594.85				1							
S-53	7810+92.00	16.00' RT	COS	597.60				581.29	581.29			594.71					1			
S-54	7811+25.00	8.73' LT	COS	596.81					581.16 (EX)			581.16			1					
S-55	7807+30.00	2.41' LT	COS	594.23		581.58	579.35												1	
HALSTED STREET																				
S-04	3831+70.00	36.50' RT	EOP	593.31		588.04	588.04									1				
S-04A	3831+69.63	73.44' RT	COS	593.42		588.24								1						
S-05A	3832+00.00	28.50' LT	EOP	593.18		587.91	587.91									1				
S-05B	3832+00.00	47.07' LT	COS	593.35			587.98							1						
S-06	3832+54.25	21.50' LT	EOP	593.63	588.50						587.25					1				
S-07	3838+16.50	21.63' LT	EOP	593.58				588.45	587.20							1				
S-08	3838+25.54	0.80' RT	COS	593.90	582.27													1		
60" COMBINED SEWER																				
S-56		CL	COS	594.83						579.17	579.17							1		
S-57		CL	COS	595.86						579.01	579.01 (EX)							1		
TOTAL													1	3	1	7	1	3	1	

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DI60W26-sht-Schedule-Drain-04
 USER NAME = chitua
 PLOT SCALE = 50.0000' / in.
 PLOT DATE = 9/12/2013

DESIGNED - AFC/JSL
 DRAWN - AFC
 CHECKED - EEY/JWC
 DATE - 9/15/13

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRAINAGE AND UTILITY SCHEDULES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	41
CONTRACT NO. 60W26			ILLINOIS FED. AID PROJECT	

PROPOSED DRAINAGE STRUCTURE (IDOT) 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 1 FRAME, OPEN LID	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	INLETS, TYPE A, TYPE 8 GRATE	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	CATCH BASINS, TYPE A, 4'-DIAMETER, WITH SPECIAL FRAME AND GRATE	CATCH BASINS TO BE RECONSTRUCTED (SPECIAL)	INLETS, TYPE A, WITH SPECIAL FRAME AND GRATE, SPECIAL	MANHOLES TO BE RECONSTRUCTED (SPECIAL)
ES RAMP																							
S-20	106+71.90	23.29' RT	COS	573.18	569.96			569.96											1				
S-21 ¹	106+72.81	12.86' RT	COS	N/A		569.93		569.93												1			
S-22	107+34.82	29.00' RT	COS	572.37							570.23											1	
S-23A	107+46.01	29.86' RT	COS	572.36					570.21	570.21	570.21										1		
S-23B	107+57.12	30.54' RT	COS	572.37							570.23											1	
S-24 ¹	107+52.73	10.65' RT	COS	N/A						570.16	570.16	570.16										1	
S-25 ¹	107+42.14	10.16' RT	COS	N/A						570.13	570.13											1	
S-26	108+19.07	29.85' RT	COS	573.02					570.42													1	
S-27 ¹	108+17.57	9.73' RT	COS	N/A						570.34	570.39	570.34										1	
S-29 ¹	108+55.03	10.16' RT	COS	N/A						570.30	570.30	570.30										1	
S-30	109+15.41	23.80' RT	COS	574.60					570.75		570.75		1										
S-30A	109+72.06	37.39' RT	COS	575.64						570.98								1					
S-31 ¹	109+16.01	10.69' RT	COS	N/A						570.71	570.71	570.71										1	
S-31B ¹	110+35.51	17.41' RT	COS	N/A	573.35					571.50												1	
S-31C	110+35.51	28.50' RT	COS	576.22						571.53												1	
S-58	111+75.00	15.91' RT	COS	577.41							573.81			1									
SB I-90/94																							
S-59	10+00.64	14.09' LT	COS	578.18			EX							1									
EB I-290																							
S-33	352+54.11	25.96' RT	COS	578.63		570.85					570.85				1								
S-34	351+81.36	26.32' RT	COS	576.70			570.63				570.63	570.63			1								
S-35	351+70.90	28.18' RT	COS	576.48		570.60				570.60					1								
SW RAMP																							
S-36	20+04.37	14.77' RT	COS	574.03						569.90	569.90		1										
S-37	20+05.33	22.50' RT	COS	577.49							569.91					1							
TOTAL													2	2	1	2	1	1	2	2	4	2	3

NOTES:
1. SEE SPECIFICATIONS FOR THIS WORK.

PROPOSED DRAINAGE PIPE UNDERDRAINS SCHEDULE

PIPE UNDERDRAIN	UPSTREAM				DOWNSTREAM				PIPE UNDERDRAINS	PIPE UNERDRAINS
	STRUCTURE	STATION	OFFSET	INVERT ELEVATION	STRUCTURE	STATION	OFFSET	INVERT ELEVATION	6"	6"
									FOOT	(SPECIAL)
ES RAMP										
PU-1	-	108+16.79	72.60' RT	570.20	S-26	108+19.07	29.85' RT	570.15	37	6
ROUNDED TOTAL									37	6

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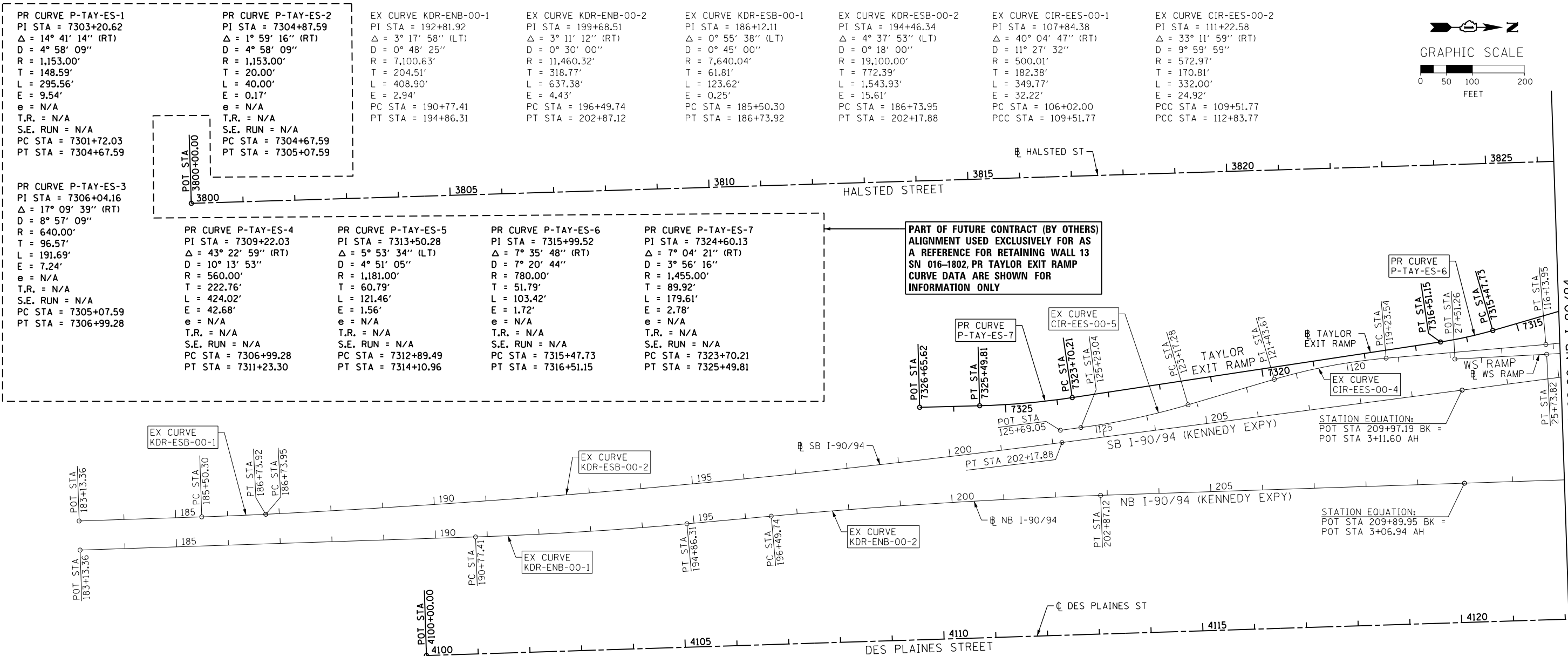
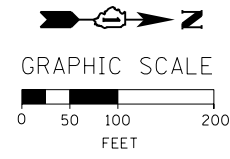
PROPOSED DRAINAGE PIPE SCHEDULE

PIPE	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION	STORM SEWERS, CLASS A, TYPE 1	STORM SEWERS, CLASS A, TYPE 1	STORM SEWERS, CLASS A, TYPE 2	STORM SEWERS, CLASS A, TYPE 4	COMBINED SEWER (EXTRA STRENGTH VITRIFIED CLAY PIPE)	COMBINED SEWER (WATER MAIN REQUIREMENTS)	PIPE DRAINS	STORM SEWERS (WATER MAIN REQUIREMENTS)	STORM SEWERS, TYPE 4 EXTRA STRENGTH VITRIFIED CLAY PIPE	COMBINED SEWERS, CLASS A, TYPE 3	REINFORCED CONCRETE PIPE ELBOW	TRENCH BACKFILL
					12"	24"	12"	12"	8"	8"	6"	12"	12"	60"	60"	(CY)
					FOOT		FOOT	FOOT	(CDOT)	(CDOT)	(SPECIAL)	FOOT	(CDOT)	FOOT	FOOT	EACH
HARRISON STREET																
P-01	S-01	PR CONNECTION TO EX COMB. SEWER	587.88	EX PIPE					15							13.1
P-02A	S-02A	S-02B	590.28	590.26						3						8.0
P-02B	S-02B	PR CONNECTION TO EX COMB. SEWER	590.26	EX PIPE						27						18.0
P-03	S-03	"	588.23	EX PIPE					30							31.3
P-50	EX	S-53	586.16	581.29								57				89.5
P-51	S-51	S-53	594.85	594.71							18					1.3
P-53	S-53	S-54	581.29	581.16									42			89.9
P-55	S-55	S-56	579.35	579.17										99	2	169.3
HALSTED STREET																
P-04	S-04	PR CONNECTION TO EX COMB. SEWER	588.04	EX PIPE					41							36.1
P-04A	S-04A	S-04	588.24	588.04						37						23.5
P-05A	S-05A	"	587.91	EX PIPE					36							31.5
P-05B	S-05B	S-05A	587.98	587.91						16						6.9
P-06	S-06	PR CONNECTION TO EX COMB. SEWER	587.25	EX PIPE					35							16.0
P-07	S-07	"	587.20	EX PIPE					33							41.1
S BRIDGE																7.2
N BRIDGE																1.4
60" COMBINED SEWER																
P-56	S-56	S-57	579.17	579.01										81	1	0.0
EB I-290																
P-26	EX STRUCTURE	S-33	570.87	570.85		3										4.2
P-27	S-33	S-34	570.85	570.63		68										59.2
P-28	S-34	S-35	570.63	570.60		6										4.8
ES RAMP																
P-20	S-20	S-21	569.96	569.93	8											0.9
P-21	S-23A	S-24	570.21	570.16				17								1.0
P-22A	S-22	S-23A	570.23	570.21				8								0.1
P-22B	S-23B	S-23A	570.23	570.21				8								0.1
P-23	S-26	S-27	570.42	570.34	17											1.9
P-25	S-30	S-31	570.75	570.71	18											4.8
P-25A	S-30A	S-30	570.99	570.75			53									17.3
P-25B	S-31C	S-31B	571.53	571.50	9											3.5
SW RAMP																
P-29	S-37	S-36	569.91	569.90	4											0.9
P-30	S-36	EX STRUCTURE	569.90	569.89	5											0.5
ROUNDED TOTAL					61	77	53	33	190	83	18	57	42	180	3	682.0

NOTES:

- ADDITIONAL TRENCH BACKFILL QUANTITY PROVIDED ON THE DRAINAGE AND UTILITY SCHEDULE FOR STORM SEWER AND COMBINED SEWER REMOVAL AND EROSION CONTROL SCHEDULE FOR TEMPORARY DRAINAGE.

FILE PATH = p:\388035\pmt\escomon\me\local\p\60W26-sht-Schedule-Drain-06



PR CURVE P-TAY-ES-1
 PI STA = 7303+20.62
 $\Delta = 14^\circ 41' 14''$ (RT)
 D = $4^\circ 58' 09''$
 R = 1,153.00'
 T = 148.59'
 L = 295.56'
 E = 9.54'
 e = N/A
 T.R. = N/A
 S.E. RUN = N/A
 PC STA = 7301+72.03
 PT STA = 7304+67.59

PR CURVE P-TAY-ES-2
 PI STA = 7304+87.59
 $\Delta = 1^\circ 59' 16''$ (RT)
 D = $4^\circ 58' 09''$
 R = 1,153.00'
 T = 20.00'
 L = 40.00'
 E = 0.17'
 e = N/A
 T.R. = N/A
 S.E. RUN = N/A
 PC STA = 7304+67.59
 PT STA = 7305+07.59

EX CURVE KDR-ENB-00-1
 PI STA = 192+81.92
 $\Delta = 3^\circ 17' 58''$ (LT)
 D = $0^\circ 48' 25''$
 R = 7,100.63'
 T = 204.51'
 L = 408.90'
 E = 2.94'
 PC STA = 190+77.41
 PT STA = 194+86.31

EX CURVE KDR-ENB-00-2
 PI STA = 199+68.51
 $\Delta = 3^\circ 11' 12''$ (RT)
 D = $0^\circ 30' 00''$
 R = 11,460.32'
 T = 318.77'
 L = 637.38'
 E = 4.43'
 PC STA = 196+49.74
 PT STA = 202+87.12

EX CURVE KDR-ESB-00-1
 PI STA = 186+12.11
 $\Delta = 0^\circ 55' 38''$ (LT)
 D = $0^\circ 45' 00''$
 R = 7,640.04'
 T = 61.81'
 L = 123.62'
 E = 0.25'
 PC STA = 185+50.30
 PT STA = 186+73.92

EX CURVE KDR-ESB-00-2
 PI STA = 194+46.34
 $\Delta = 4^\circ 37' 53''$ (LT)
 D = $0^\circ 18' 00''$
 R = 19,100.00'
 T = 772.39'
 L = 1,543.93'
 E = 15.61'
 PC STA = 186+73.95
 PT STA = 202+17.88

EX CURVE CIR-EES-00-1
 PI STA = 107+84.38
 $\Delta = 40^\circ 04' 47''$ (RT)
 D = $11^\circ 27' 32''$
 R = 500.01'
 T = 182.38'
 L = 349.77'
 E = 32.22'
 PC STA = 106+02.00
 PCC STA = 109+51.77

EX CURVE CIR-EES-00-2
 PI STA = 111+22.58
 $\Delta = 33^\circ 11' 59''$ (RT)
 D = $9^\circ 59' 59''$
 R = 572.97'
 T = 170.81'
 L = 332.00'
 E = 24.92'
 PCC STA = 109+51.77
 PCC STA = 112+83.77

PR CURVE P-TAY-ES-3
 PI STA = 7306+04.16
 $\Delta = 17^\circ 09' 39''$ (RT)
 D = $8^\circ 57' 09''$
 R = 640.00'
 T = 96.57'
 L = 191.69'
 E = 7.24'
 e = N/A
 T.R. = N/A
 S.E. RUN = N/A
 PC STA = 7305+07.59
 PT STA = 7306+99.28

PR CURVE P-TAY-ES-4
 PI STA = 7309+22.03
 $\Delta = 43^\circ 22' 59''$ (RT)
 D = $10^\circ 13' 53''$
 R = 560.00'
 T = 222.76'
 L = 424.02'
 E = 42.68'
 e = N/A
 T.R. = N/A
 S.E. RUN = N/A
 PC STA = 7306+99.28
 PT STA = 7311+23.30

PR CURVE P-TAY-ES-5
 PI STA = 7313+50.28
 $\Delta = 5^\circ 53' 34''$ (LT)
 D = $4^\circ 51' 05''$
 R = 1,181.00'
 T = 60.79'
 L = 121.46'
 E = 1.56'
 e = N/A
 T.R. = N/A
 S.E. RUN = N/A
 PC STA = 7312+89.49
 PT STA = 7314+10.96

PR CURVE P-TAY-ES-6
 PI STA = 7315+99.52
 $\Delta = 7^\circ 35' 48''$ (RT)
 D = $7^\circ 20' 44''$
 R = 780.00'
 T = 51.79'
 L = 103.42'
 E = 1.72'
 e = N/A
 T.R. = N/A
 S.E. RUN = N/A
 PC STA = 7315+47.73
 PT STA = 7316+51.15

PR CURVE P-TAY-ES-7
 PI STA = 7324+60.13
 $\Delta = 7^\circ 04' 21''$ (RT)
 D = $3^\circ 56' 16''$
 R = 1,455.00'
 T = 89.92'
 L = 179.61'
 E = 2.78'
 e = N/A
 T.R. = N/A
 S.E. RUN = N/A
 PC STA = 7323+70.21
 PT STA = 7325+49.81

PART OF FUTURE CONTRACT (BY OTHERS)
 ALIGNMENT USED EXCLUSIVELY FOR AS
 A REFERENCE FOR RETAINING WALL 13
 SN 016-1802, PR TAYLOR EXIT RAMP
 CURVE DATA ARE SHOWN FOR
 INFORMATION ONLY

EX CURVE KDR-ESB-00-1
 PI STA = 183+13.36
 $\Delta = 186^\circ 13' 92''$
 D = $186^\circ 13' 92''$
 R = 186+73.95
 T = 186+73.95
 L = 186+73.95
 E = 186+73.95
 PC STA = 185+50.30
 PT STA = 186+73.95

EX CURVE KDR-ESB-00-2
 PI STA = 194+86.31
 $\Delta = 196^\circ 49' 74''$
 D = $196^\circ 49' 74''$
 R = 196+49.74
 T = 196+49.74
 L = 196+49.74
 E = 196+49.74
 PC STA = 196+49.74
 PT STA = 196+49.74

EX CURVE KDR-ENB-00-1
 PI STA = 190+77.41
 $\Delta = 190^\circ 77' 41''$
 D = $190^\circ 77' 41''$
 R = 190+77.41
 T = 190+77.41
 L = 190+77.41
 E = 190+77.41
 PC STA = 190+77.41
 PT STA = 190+77.41

EX CURVE KDR-ENB-00-2
 PI STA = 196+49.74
 $\Delta = 196^\circ 49' 74''$
 D = $196^\circ 49' 74''$
 R = 196+49.74
 T = 196+49.74
 L = 196+49.74
 E = 196+49.74
 PC STA = 196+49.74
 PT STA = 196+49.74

STATION EQUATION:
 POT STA 209+97.19 BK =
 POT STA 3+11.60 AH

STATION EQUATION:
 POT STA 209+89.95 BK =
 POT STA 3+06.94 AH

EXIST EN RAMP				
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

EXIST SW RAMP				
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

EX CURVE CIR-EES-00-3
 PI STA = 114+48.97
 $\Delta = 4^\circ 57' 10''$ (RT)
 D = $1^\circ 30' 00''$
 R = 3,819.73'
 T = 165.19'
 L = 330.18'
 E = 3.57'
 PCC STA = 112+83.77
 PT STA = 116+13.95

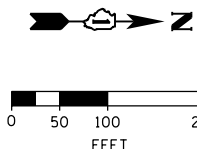
EX CURVE CIR-EES-00-4
 PI STA = 120+33.98
 $\Delta = 11^\circ 33' 10''$ (LT)
 D = $5^\circ 14' 53''$
 R = 1,091.74'
 T = 110.44'
 L = 220.13'
 E = 5.57'
 PC STA = 119+23.54
 PT STA = 121+43.67

EX CURVE CIR-EES-00-5
 PI STA = 124+23.38
 $\Delta = 8^\circ 59' 59''$ (RT)
 D = $4^\circ 15' 00''$
 R = 1,348.15'
 T = 106.10'
 L = 211.76'
 E = 4.17'
 PC STA = 123+17.28
 PT STA = 125+29.04

EX NW RAMP				
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 TAYLOR EXIT RAMP				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		7300+00.00	1,897,859.3643	1,170,489.3261
PC	P-TAY-ES-1	7301+72.03	1,897,851.8722	1,170,661.1900
PI	P-TAY-ES-1	7303+20.62	1,897,855.7720	1,170,809.7335
PCC	P-TAY-ES-1/P-TAY-ES-2	7304+67.59	1,897,821.8823	1,170,954.4121
PI	P-TAY-ES-2	7304+87.59	1,897,815.9728	1,170,973.5222
PCC	P-TAY-ES-2/P-TAY-ES-3	7305+07.59	1,897,809.4040	1,170,992.4159
PI	P-TAY-ES-3	7306+04.16	1,897,777.6920	1,171,083.6281
PCC	P-TAY-ES-3/P-TAY-ES-4	7306+99.28	1,897,720.4792	1,171,161.4226
PI	P-TAY-ES-4	7309+22.03	1,897,588.5048	1,171,340.8734
PT	P-TAY-ES-4	7311+23.30	1,897,369.3289	1,171,380.6447
PC	P-TAY-ES-5	7312+89.49	1,897,205.8036	1,171,410.3177
PI	P-TAY-ES-5	7313+50.28	1,897,145.9948	1,171,421.1705
PT	P-TAY-ES-5	7314+10.96	1,897,087.6162	1,171,438.1064
PC	P-TAY-ES-6	7315+47.73	1,896,956.2590	1,171,476.2136
PI	P-TAY-ES-6	7315+99.52	1,896,906.5239	1,171,490.6420
PT	P-TAY-ES-6	7316+51.15	1,896,855.3179	1,171,498.3687
PC	P-TAY-ES-7	7323+70.21	1,896,144.3089	1,171,605.6557
PI	P-TAY-ES-7	7324+60.13	1,896,055.3983	1,171,619.0718
PT	P-TAY-ES-7	7325+49.81	1,895,965.5123	1,171,621.4385
POT		7326+65.62	1,895,849.7437	1,171,624.4867

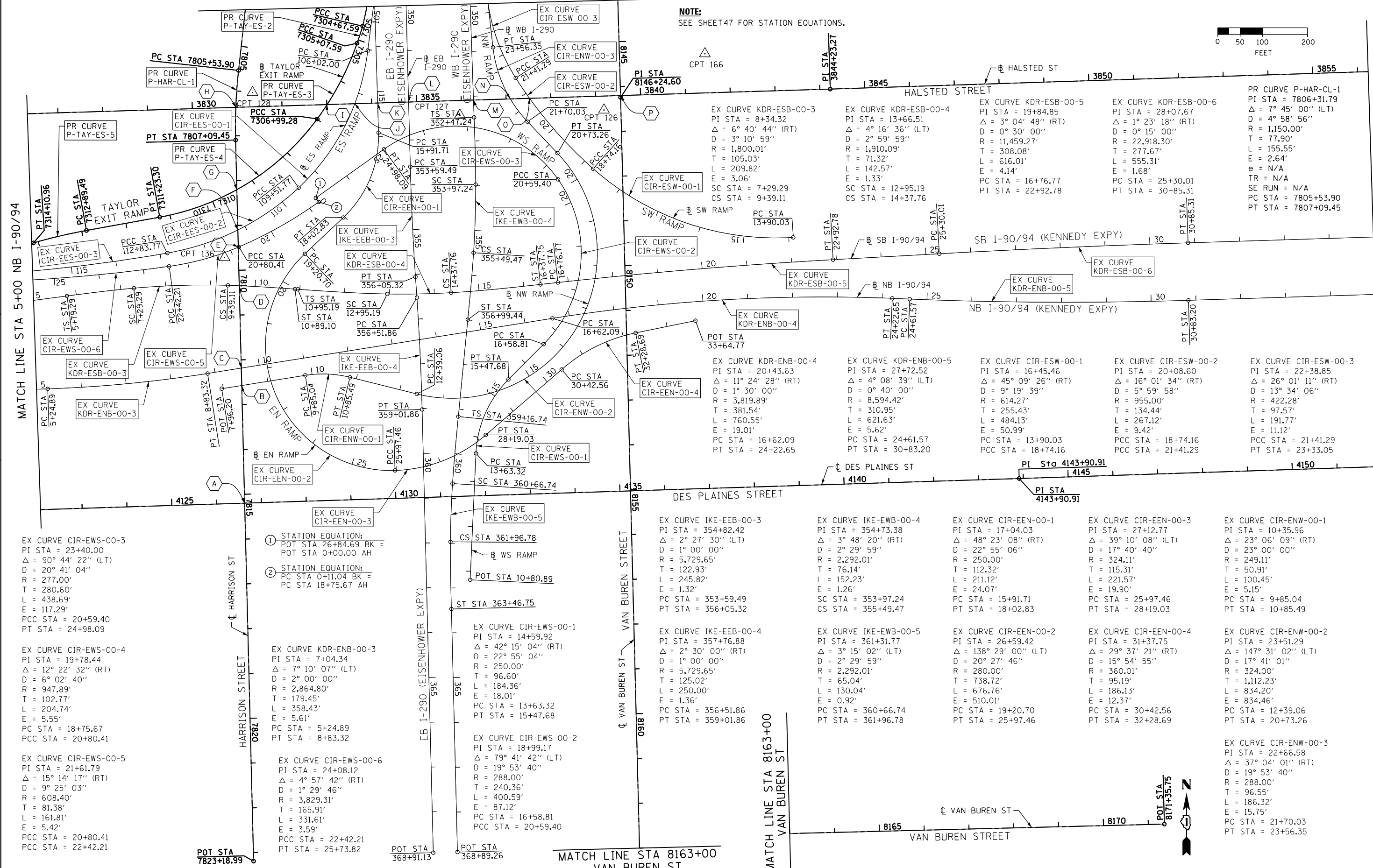
MATCH LINE STA 350+00 EB I-290



NOTE: SEE SHEET 47 FOR STATION EQUATIONS.

MATCH LINE STA 5+00 NB I-90/94

MATCH LINE STA 35+00 NB I-90/94



EX CURVE CIR-EWS-00-3
 PI STA = 23+40.00
 $\Delta = 90^\circ 44' 22''$ (LT)
 $D = 20^\circ 41' 04''$
 $R = 277.00'$
 $T = 280.60'$
 $L = 438.69'$
 $E = 117.29'$
 PCC STA = 20+59.40
 PT STA = 24+98.09

EX CURVE CIR-EWS-00-4
 PI STA = 19+78.44
 $\Delta = 12^\circ 22' 32''$ (RT)
 $D = 6^\circ 02' 40''$
 $R = 947.89'$
 $T = 102.77'$
 $L = 204.74'$
 $E = 5.55'$
 PC STA = 18+75.67
 PCC STA = 20+80.41

EX CURVE CIR-EWS-00-5
 PI STA = 21+61.79
 $\Delta = 15^\circ 14' 17''$ (RT)
 $D = 9^\circ 25' 03''$
 $R = 608.40'$
 $T = 81.38'$
 $L = 161.81'$
 $E = 5.42'$
 PCC STA = 20+80.41
 PT STA = 22+42.21

- ① STATION EQUATION:
 POT STA 26+84.69 BK =
 POT STA 0+00.00 AH
- ② STATION EQUATION:
 PC STA 0+11.04 BK =
 PC STA 18+75.67 AH

EX CURVE KDR-ENB-00-3
 PI STA = 7+04.34
 $\Delta = 7^\circ 10' 07''$ (LT)
 $D = 2^\circ 00' 00''$
 $R = 2,864.80'$
 $T = 179.45'$
 $L = 358.43'$
 $E = 5.61'$
 PC STA = 5+24.89
 PT STA = 8+83.32

EX CURVE CIR-EWS-00-6
 PI STA = 24+08.12
 $\Delta = 4^\circ 57' 42''$ (RT)
 $D = 1^\circ 29' 46''$
 $R = 3,829.31'$
 $T = 165.91'$
 $L = 331.61'$
 $E = 3.59'$
 PCC STA = 22+42.21
 PT STA = 25+73.82

EX CURVE CIR-EWS-00-1
 PI STA = 14+59.92
 $\Delta = 42^\circ 15' 04''$ (RT)
 $D = 22^\circ 55' 04''$
 $R = 250.00'$
 $T = 96.60'$
 $L = 184.36'$
 $E = 18.01'$
 PC STA = 13+63.32
 PT STA = 15+47.68

EX CURVE CIR-EWS-00-2
 PI STA = 18+99.17
 $\Delta = 79^\circ 41' 42''$ (LT)
 $D = 19^\circ 53' 40''$
 $R = 288.00'$
 $T = 240.36'$
 $L = 400.59'$
 $E = 87.12'$
 PC STA = 16+58.81
 PCC STA = 20+59.40

EX CURVE IKE-EEB-00-3
 PI STA = 354+82.42
 $\Delta = 2^\circ 27' 30''$ (LT)
 $D = 1^\circ 00' 00''$
 $R = 5,729.65'$
 $T = 122.93'$
 $L = 245.82'$
 $E = 1.32'$
 PC STA = 353+59.49
 PT STA = 356+05.32

EX CURVE IKE-EEB-00-4
 PI STA = 357+76.88
 $\Delta = 2^\circ 30' 00''$ (RT)
 $D = 1^\circ 00' 00''$
 $R = 5,729.65'$
 $T = 125.02'$
 $L = 250.00'$
 $E = 1.36'$
 PC STA = 356+51.86
 PT STA = 359+01.86

EX CURVE KDR-ENB-00-4
 PI STA = 20+43.63
 $\Delta = 11^\circ 24' 28''$ (RT)
 $D = 1^\circ 30' 00''$
 $R = 3,819.89'$
 $T = 381.54'$
 $L = 760.55'$
 $E = 19.01'$
 PC STA = 16+62.09
 PT STA = 24+22.65

EX CURVE KDR-ENB-00-5
 PI STA = 27+72.52
 $\Delta = 4^\circ 08' 39''$ (LT)
 $D = 2^\circ 29' 39''$
 $R = 8,594.42'$
 $T = 310.95'$
 $L = 621.63'$
 $E = 5.62'$
 PC STA = 24+61.57
 PT STA = 30+83.20

EX CURVE CIR-EEN-00-1
 PI STA = 17+04.03
 $\Delta = 48^\circ 23' 08''$ (RT)
 $D = 22^\circ 55' 06''$
 $R = 250.00'$
 $T = 112.32'$
 $L = 211.12'$
 $E = 24.07'$
 PC STA = 15+91.71
 PT STA = 18+02.83

EX CURVE CIR-EEN-00-2
 PI STA = 26+59.42
 $\Delta = 138^\circ 29' 00''$ (LT)
 $D = 20^\circ 27' 46''$
 $R = 280.00'$
 $T = 738.72'$
 $L = 676.76'$
 $E = 510.01'$
 PC STA = 19+20.70
 PT STA = 25+97.46

EX CURVE CIR-EEN-00-3
 PI STA = 27+12.77
 $\Delta = 39^\circ 10' 08''$ (LT)
 $D = 17^\circ 40' 40''$
 $R = 324.11'$
 $T = 115.31'$
 $L = 221.57'$
 $E = 19.90'$
 PC STA = 25+97.46
 PT STA = 28+19.03

EX CURVE CIR-EEN-00-4
 PI STA = 31+37.75
 $\Delta = 29^\circ 37' 21''$ (RT)
 $D = 15^\circ 54' 55''$
 $R = 360.01'$
 $T = 95.19'$
 $L = 186.13'$
 $E = 12.37'$
 PC STA = 30+42.56
 PT STA = 32+28.69

EX CURVE CIR-ENW-00-1
 PI STA = 10+35.96
 $\Delta = 23^\circ 06' 09''$ (RT)
 $D = 23^\circ 00' 00''$
 $R = 249.11'$
 $T = 50.91'$
 $L = 100.45'$
 $E = 5.15'$
 PC STA = 9+85.04
 PT STA = 10+85.49

EX CURVE CIR-ENW-00-2
 PI STA = 23+51.29
 $\Delta = 147^\circ 31' 02''$ (LT)
 $D = 17^\circ 41' 01''$
 $R = 324.00'$
 $T = 1,112.23'$
 $L = 834.20'$
 $E = 834.46'$
 PC STA = 12+39.06
 PT STA = 20+73.26

EX CURVE CIR-ENW-00-3
 PI STA = 22+66.58
 $\Delta = 37^\circ 04' 01''$ (RT)
 $D = 19^\circ 53' 40''$
 $R = 288.00'$
 $T = 96.55'$
 $L = 186.32'$
 $E = 15.75'$
 PC STA = 21+70.03
 PT STA = 23+56.35



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 PLOT SCALE = 100.0000' / in.
 PLOT DATE = 9/12/2013

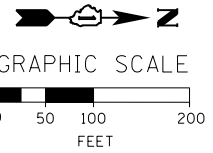
DESIGNED - JLV
 DRAWN - BAW
 CHECKED - JMG
 DATE - 9/15/13

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS
 SCALE: 1" = 100'
 SHEET 2 OF 6 SHEETS
 STA. TO STA.

F.A.I. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	45
CONTRACT NO. 60W26				
ILLINOIS FED. AID PROJECT				

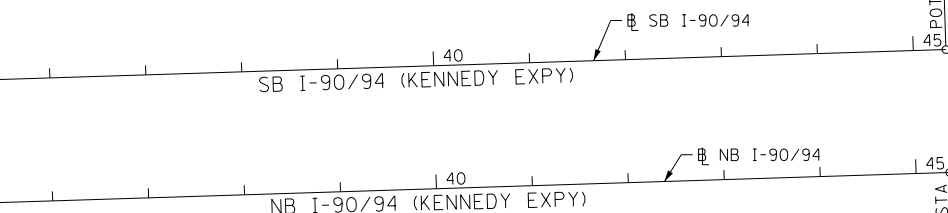


MATCH LINE STA 35+00 NB I-90/94

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		8171+35.75	1, 898, 460.2841	1, 173, 623.8877

EX NB I-90/94 (KENNEDY EXPY)				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		183+13.36	1, 894, 228.6347	1, 171, 899.8969
PC	KDR-ENB-00-1	190+77.41	1, 894, 992.2698	1, 171, 874.5496
PI	KDR-ENB-00-1	192+81.92	1, 895, 196.6626	1, 171, 867.7651
PT	KDR-ENB-00-1	194+86.31	1, 895, 400.3262	1, 171, 849.2283
PC	KDR-ENB-00-2	196+49.74	1, 895, 563.0812	1, 171, 834.4148
PI	KDR-ENB-00-2	199+68.51	1, 895, 880.5418	1, 171, 805.5204
PT	KDR-ENB-00-2	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-00-3	5+24.89	1, 897, 119.3934	1, 171, 763.6385
PI	KDR-ENB-00-3	7+04.34	1, 897, 298.7419	1, 171, 757.6595
PT	KDR-ENB-00-3	8+83.32	1, 897, 475.9425	1, 171, 729.3467
PC	KDR-ENB-00-4	16+62.09	1, 898, 244.9598	1, 171, 606.4743
PI	KDR-ENB-00-4	20+43.63	1, 898, 621.7192	1, 171, 546.2763
PT	KDR-ENB-00-4	24+22.65	1, 899, 002.9421	1, 171, 561.7870
PC	KDR-ENB-00-5	24+61.57	1, 899, 041.8342	1, 171, 563.3694
PI	KDR-ENB-00-5	27+72.52	1, 899, 352.5300	1, 171, 576.0107
PT	KDR-ENB-00-5	30+83.20	1, 899, 663.3270	1, 171, 566.1658
POT		45+35.14	1, 901, 114.5368	1, 171, 520.1970

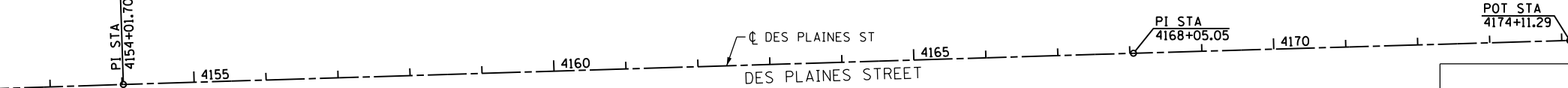
EX EB I-290 (EISENHOWER EXPY)				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		293+88.84	1, 897, 910.7311	1, 165, 300.7513
PC	IKE-EEB-00-1	314+72.13	1, 897, 974.3410	1, 167, 383.0682
PI	IKE-EEB-00-1	321+86.75	1, 897, 996.1608	1, 168, 097.3549
PT	IKE-EEB-00-1	329+00.55	1, 897, 958.6150	1, 168, 810.9878
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



PR HALSTED STREET				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		3800+00.00	1, 894, 443.3678	1, 171, 230.8570
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 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		7823+18.99	1, 897, 578.5778	1, 172, 817.5931

PR DES PLAINES STREET				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		4100+00.00	1, 894, 897.3602	1, 172, 103.4101
PI		4143+90.91	1, 899, 286.0495	1, 171, 963.8051
PI		4154+01.70	1, 900, 296.2890	1, 171, 930.4175
PI		4168+05.05	1, 901, 698.9691	1, 171, 887.2201
POT		4174+11.29	1, 902, 304.9557	1, 171, 869.4907

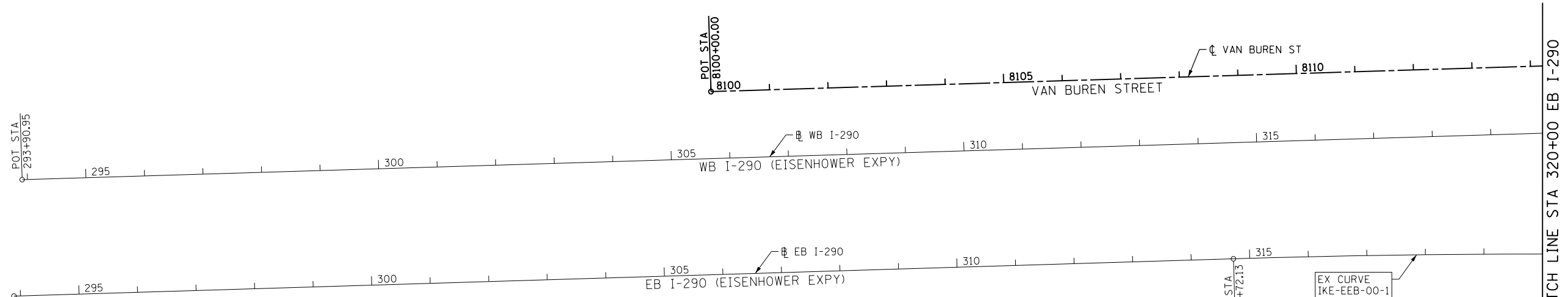


EX SB I-90/94 (KENNEDY EXPY)				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		183+13.36	1, 894, 226.7720	1, 171, 843.7613
PC	KDR-ESB-00-1	185+50.30	1, 894, 463.5855	1, 171, 835.9008
PI	KDR-ESB-00-1	186+12.11	1, 894, 525.3637	1, 171, 833.8503
PT	KDR-ESB-00-1	186+73.92	1, 894, 587.1007	1, 171, 830.8004
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
TS	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

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

EX WS RAMP				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		10+80.89	1, 898, 061.5790	1, 172, 189.8288
PC	CIR-EWS-00-1	13+63.32	1, 898, 074.4485	1, 171, 907.6892
PI	CIR-EWS-00-1	14+59.92	1, 898, 078.8501	1, 171, 811.1924
PT	CIR-EWS-00-1	15+47.68	1, 898, 146.9909	1, 171, 742.7246
PC	CIR-EWS-00-2	16+58.81	1, 898, 225.3834	1, 171, 663.9559
PI	CIR-EWS-00-2	18+99.17	1, 898, 394.9331	1, 171, 493.5925
PCC	CIR-EWS-00-2/CIR-EWS-00-3	20+59.40	1, 898, 257.6484	1, 171, 296.3016
PI	CIR-EWS-00-3	23+40.00	1, 898, 097.3780	1, 171, 065.9783
PT	CIR-EWS-00-3	24+98.09	1, 897, 869.1423	1, 171, 229.2078
POT	26+84.69 BK = Sta 0+00.00 AH		1, 897, 717.3617	1, 171, 337.7582
PC	CIR-EWS-00-4, 0+11.04 BK = 18+75.67 AH		1, 897, 723.7342	1, 171, 346.7691
PI	CIR-EWS-00-4	19+78.44	1, 897, 640.1447	1, 171, 406.5568
PCC	CIR-EWS-00-4/CIR-EWS-00-5	20+80.41	1, 897, 545	

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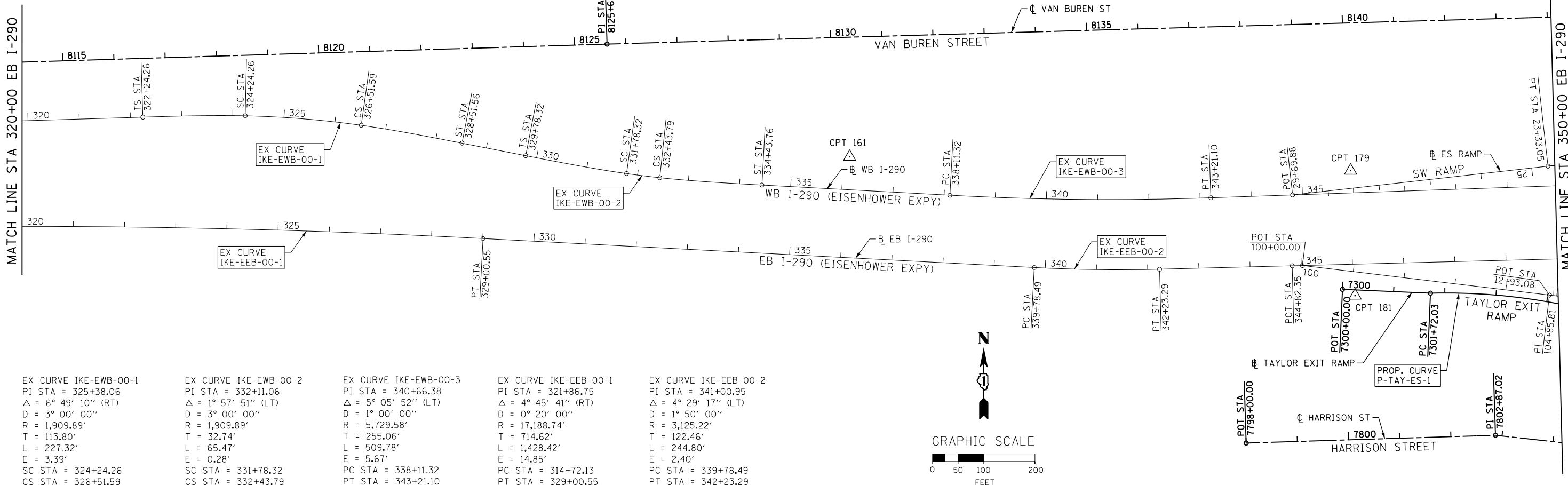
STATION EQUATIONS

POINT	BASELINE	STATION	BASELINE	STATION
A	P-HAR-CL	7815+19.91	P-DES-CL	4126+62.64
B	P-HAR-CL	7812+57.32	E-CIR-NW	8+41.41
C	P-HAR-CL	7812+18.39	E-KDR-NB	9+59.47
D	P-HAR-CL	7810+34.62	E-KDR-SB	9+64.55
E	P-HAR-CL	7809+48.56	E-CIR-WS	20+81.79
F	P-HAR-CL	7809+10.10	E-CIR-ES	111+17.64
G	P-HAR-CL	7808+20.16	P-TAY-ES	7309+39.95
H	P-HAL-CL	3830+97.05	P-HAR-CL	7806+36.50
I	P-HAL-CL	3833+00.79	P-TAY-ES	7306+60.31
J	P-HAL-CL	3833+62.49	E-CIR-ES	107+24.52

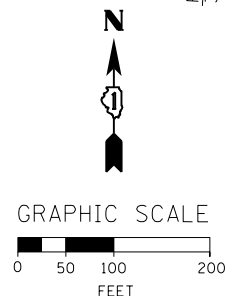
POINT	BASELINE	STATION	BASELINE	STATION
K	P-HAL-CL	3834+13.40	E-CIR-EN	15+25.58
L	P-HAL-CL	3834+82.54	E-IKE-EB	352+15.22
M	P-HAL-CL	3836+27.31	E-IKE-WB	352+08.69
N	P-HAL-CL	3837+09.52	E-CIR-NW	22+33.87
O	P-HAL-CL	3837+52.33	E-CIR-SW	20+86.30
P	P-HAL-CL	3839+55.40	P-VAN-CL	8146+20.29

NOTE:
SEE SHEET 45 FOR STATION EQUATION LOCATION REFERENCE.

EX CURVE IKE-EEB-00-1
PI STA = 321+86.75
 $\Delta = 4^\circ 45' 41''$ (RT)
D = 0° 20' 00"
R = 17,188.74'
T = 714.62'
L = 1,428.42'
E = 14.85'
PC STA = 314+72.13
PT STA = 329+00.55



EX CURVE IKE-EWB-00-1 PI STA = 325+38.06 $\Delta = 6^\circ 49' 10''$ (RT) D = 3° 00' 00" R = 1,909.89' T = 113.80' L = 227.32' E = 3.39' SC STA = 324+24.26 CS STA = 326+51.59	EX CURVE IKE-EWB-00-2 PI STA = 332+11.06 $\Delta = 1^\circ 57' 51''$ (LT) D = 3° 00' 00" R = 1,909.89' T = 32.74' L = 65.47' E = 0.28' SC STA = 331+78.32 CS STA = 332+43.79	EX CURVE IKE-EWB-00-3 PI STA = 340+66.38 $\Delta = 5^\circ 05' 52''$ (LT) D = 1° 00' 00" R = 5,729.58' T = 255.06' L = 509.78' E = 5.67' PC STA = 338+11.32 PT STA = 343+21.10	EX CURVE IKE-EEB-00-1 PI STA = 321+86.75 $\Delta = 4^\circ 45' 41''$ (RT) D = 0° 20' 00" R = 17,188.74' T = 714.62' L = 1,428.42' E = 14.85' PC STA = 314+72.13 PT STA = 329+00.55	EX CURVE IKE-EEB-00-2 PI STA = 341+00.95 $\Delta = 4^\circ 29' 17''$ (LT) D = 1° 50' 00" R = 3,125.22' T = 122.46' L = 244.80' E = 2.40' PC STA = 339+78.49 PT STA = 342+23.29
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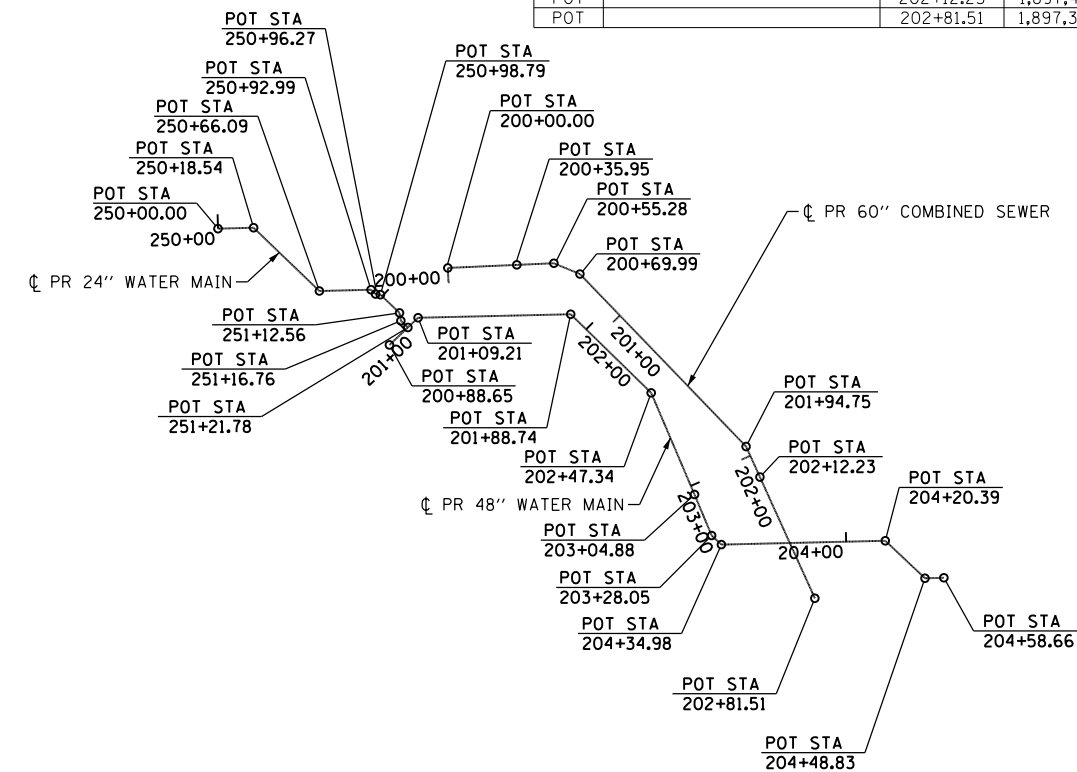
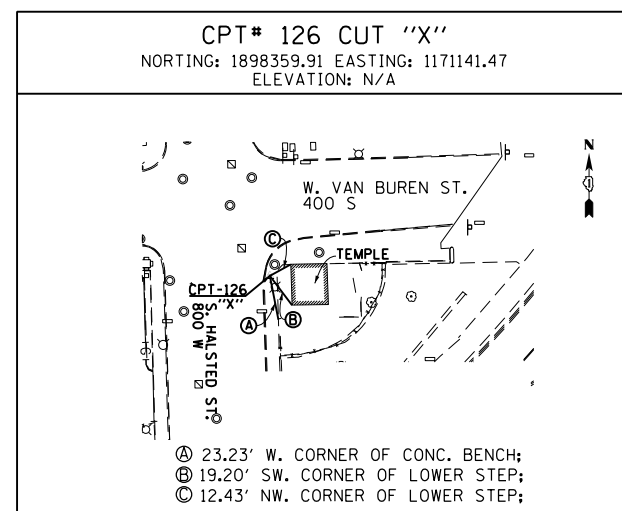
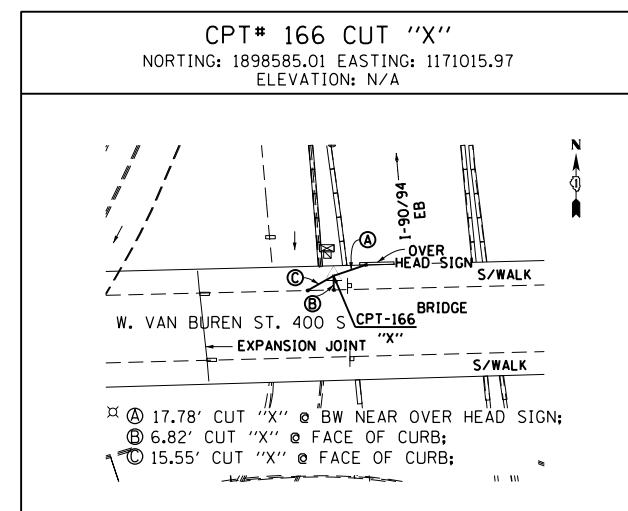
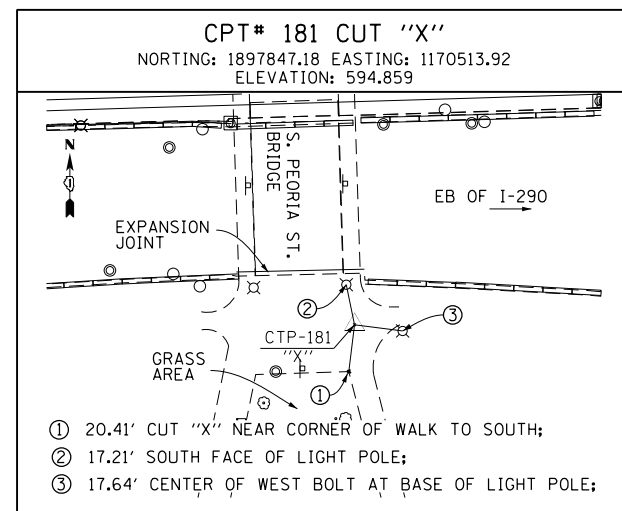
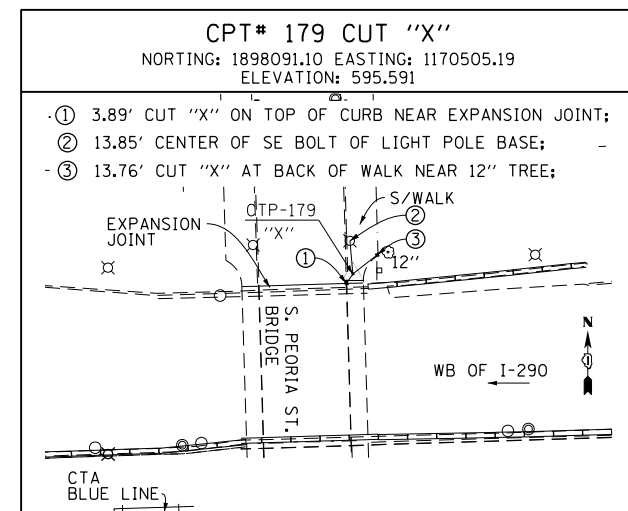
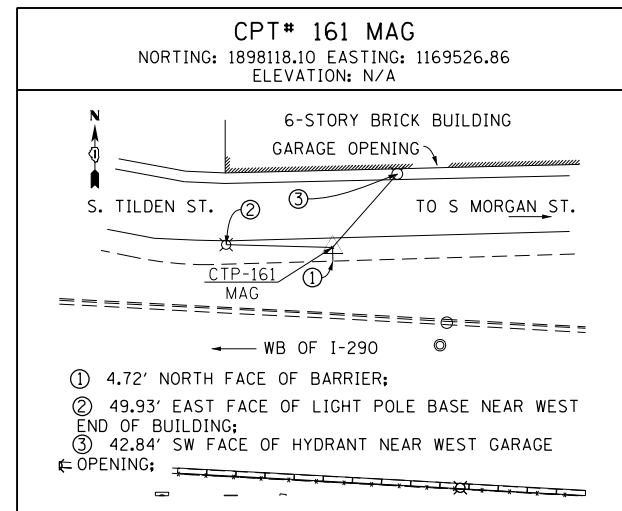
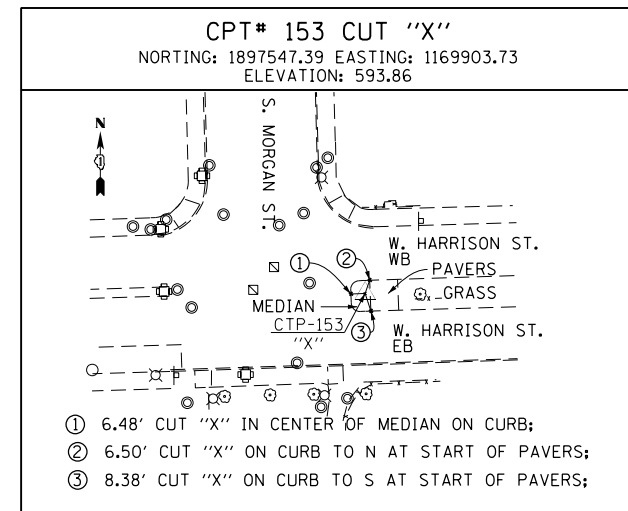
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1" = 100' SHEET 4 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	47
CONTRACT NO. 60W26				
ILLINOIS FED. AID PROJECT				

BENCHMARKS		
MONUMENT	ELEVATION	DESCRIPTION
BM 1100	582.6782	SET "X" @ CL OF EAST PIER @ CL OF VAN BUREN ST.
BM 1140	579.3332	SET "X" ON WESTERLY JAYWALL OF I-90 @ CL OF VAN BUREN ST.
BM 1141	575.1320	SET "X" ON WESTERLY JAYWALL OF I-90 @ CL OF OUTBOUND I-290 OVERPASS.
BM 1142	575.9003	SET "X" ON WESTERLY JAYWALL OF I-90 @ CL OF INBOUND I-290 OVERPASS.
BM 1143	580.1100	SET "X" ON WESTERLY JAYWALL OF I-90 ±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. CL OF I-90 ± 200' S. OF PUMP/LIFT STATION.
BM 1146	582.9574	SET "X" ON WESTERLY JAYWALL OF I-90 WESTBOUND ± OPPOSITE SIGN #D4
BM 1147	579.4454	SET "X" ON WESTERLY JAYWALL OF ACCIDENT INVESTIGATION SITE ±35' N. OF E. I-90/94 SIGN.
BM 1345	594.1988	"+" CUT WSW FLANGE BOLT FH W. SIDE DES PLAINES ST. ±200' S. OF S HARRISON ST.



PR 60" COMBINED SEWER				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		200+00.00	1,897,539.3984	1,171,189.2960
POT		200+35.95	1,897,540.9845	1,171,225.2100
POT		200+55.28	1,897,541.8376	1,171,244.5261
POT		200+69.99	1,897,536.2158	1,171,258.1175
POT		201+94.75	1,897,446.3657	1,171,344.6691
POT		202+12.23	1,897,430.4416	1,171,351.8863
POT		202+81.51	1,897,367.3428	1,171,380.4841

PR 24" WATER MAIN				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		250+00.00	1,897,559.8692	1,171,069.5840
POT		250+18.54	1,897,560.3273	1,171,088.1150
POT		250+66.09	1,897,527.3761	1,171,122.3998
POT		250+92.99	1,897,528.0427	1,171,149.2963
POT		250+96.27	1,897,525.7863	1,171,151.6674
POT		250+98.79	1,897,525.4877	1,171,154.1685
POT		251+12.56	1,897,515.9925	1,171,164.1461
POT		251+16.76	1,897,511.8558	1,171,164.8493
POT		251+21.78	1,897,508.3947	1,171,168.4863

PR 48" WATER MAIN				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		200+88.65	1,897,499.2748	1,171,158.9004
POT		201+09.21	1,897,513.4500	1,171,173.8000
POT		201+88.74	1,897,515.2575	1,171,253.3104
POT		202+47.34	1,897,474.3163	1,171,295.2355
POT		203+04.88	1,897,421.3876	1,171,317.7982
POT		203+28.05	1,897,400.0064	1,171,326.7304
POT		203+34.98	1,897,395.2762	1,171,331.7937
POT		204+20.39	1,897,397.2725	1,171,417.1756
POT		204+48.83	1,897,377.7503	1,171,437.8564
POT		204+58.66	1,897,377.9993	1,171,447.6909

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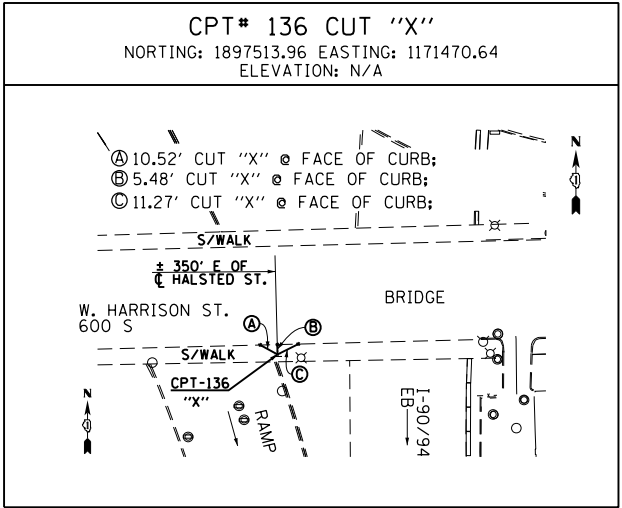
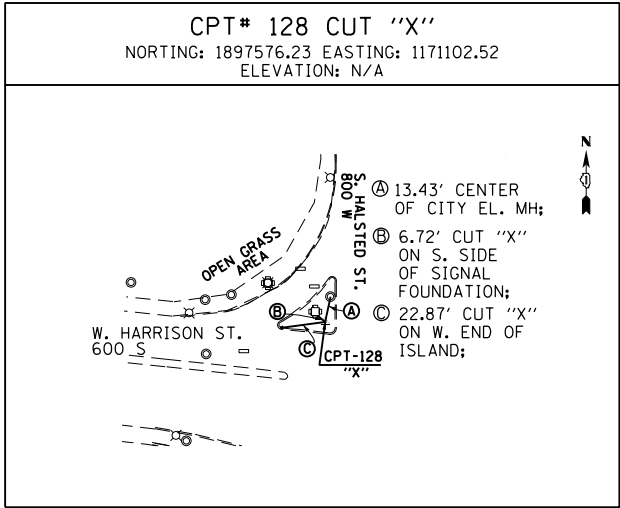
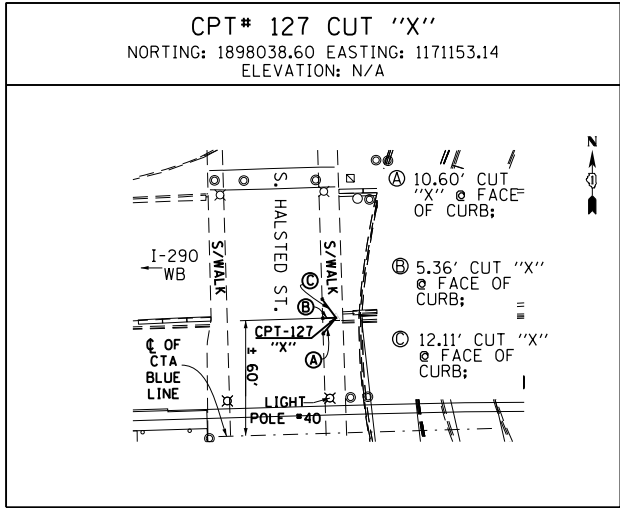
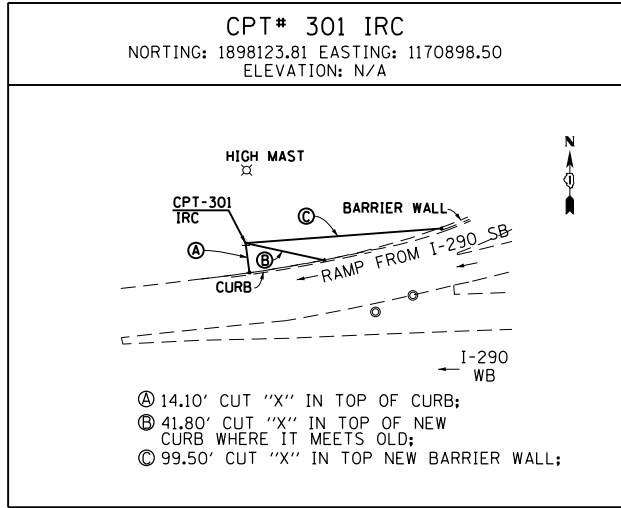
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

SCALE: N.T.S. SHEET 5 OF 6 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290 SECTION 2013-008R COUNTY COOK TOTAL SHEETS 559 SHEET NO. 48
 CONTRACT NO. 60W26 ILLINOIS FED. AID PROJECT

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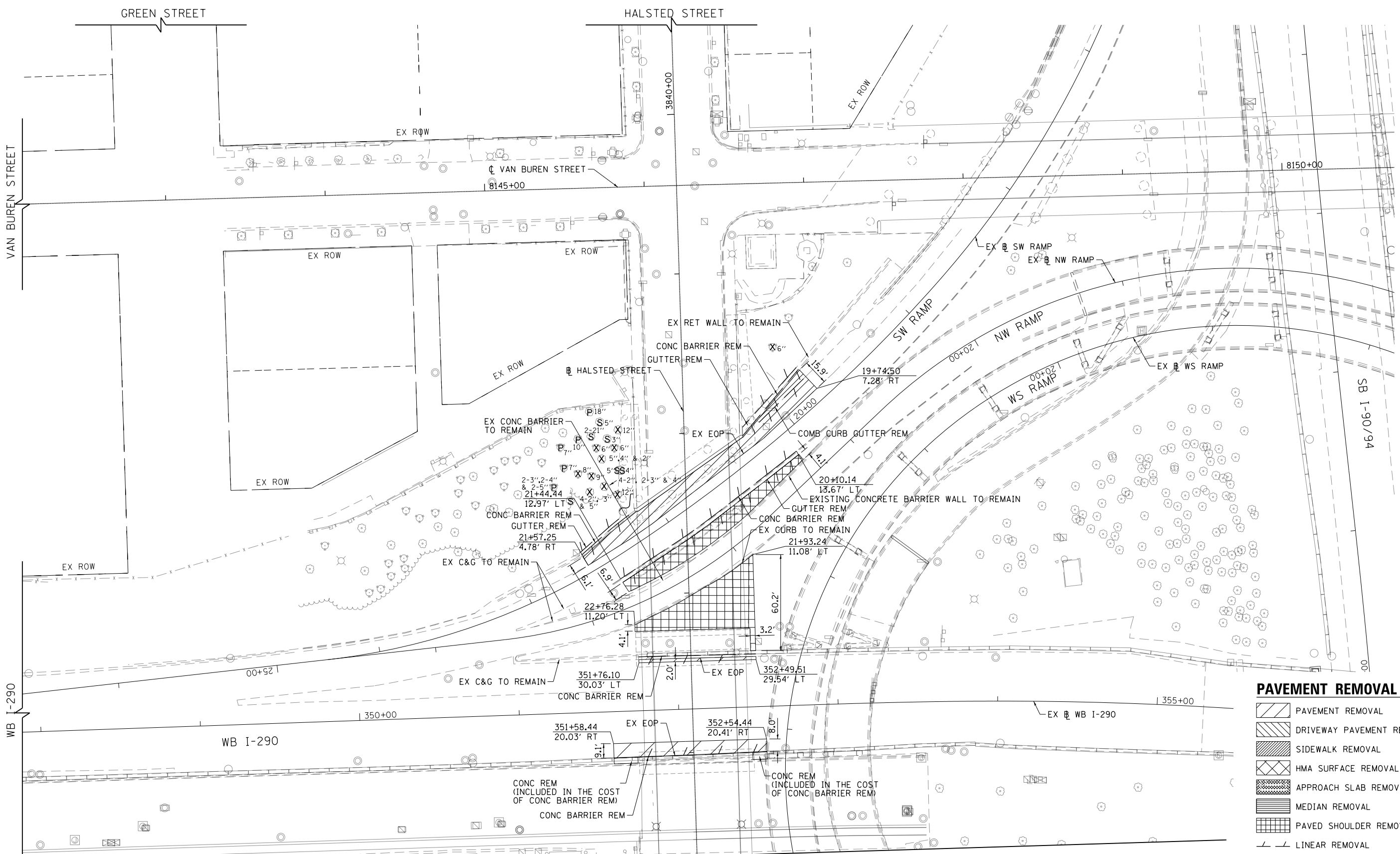
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES AND BENCHMARKS

SCALE: N.T.S.	SHEET 6 OF 6 SHEETS	STA.	TO STA.
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	49
CONTRACT NO. 60W26				
ILLINOIS FED. AID PROJECT				

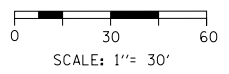


PAVEMENT REMOVAL LEGEND

- PAVEMENT REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- HMA SURFACE REMOVAL
- APPROACH SLAB REMOVAL
- MEDIAN REMOVAL
- PAVED SHOULDER REMOVAL
- LINEAR REMOVAL
- TREE REMOVAL
- TREE TRUNK PROTECTION, TREE ROOT PRUNING, TREE PRUNING
- SAPLING REMOVAL (NOT MEASURED FOR PAYMENT)

NOTES:

1. ALL STATIONS AND OFFSETS ARE MEASURED FROM EX WB I-290 & RAMP ALIGNMENTS UNLESS OTHERWISE NOTED.
2. SEE HALSTED STREET PLAN AND PROFILE SHEET FOR ADDITIONAL REMOVAL INFORMATION.



HALSTED STREET
MATCH LINE STATION 3835+35
SEE SHEET NO. 52

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

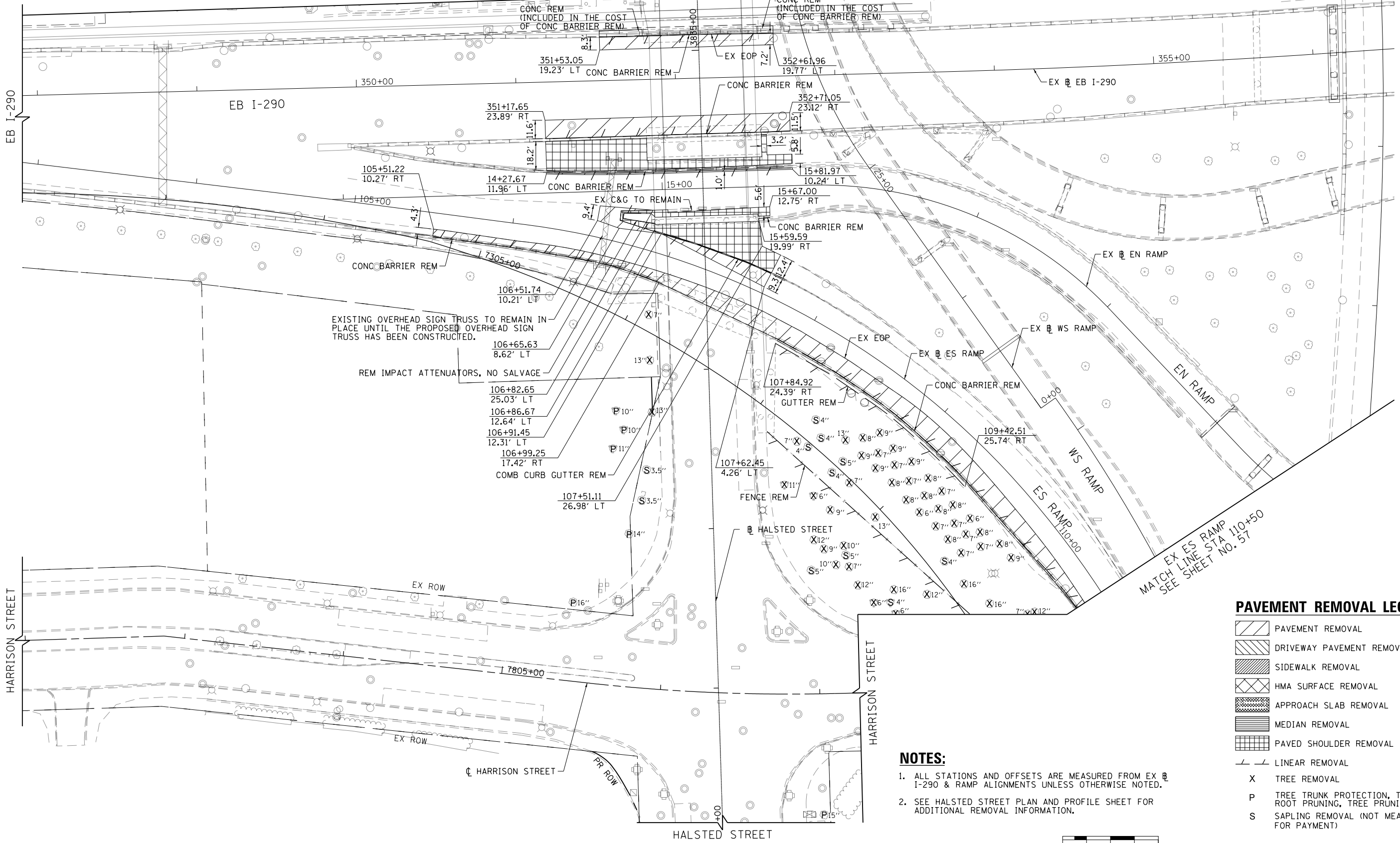
**ROADWAY REMOVAL PLAN
I-290**

SCALE: 1"=30' SHEET 2 OF 9 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-008R	COUNTY COOK	TOTAL SHEETS 559	SHEET NO. 51
CONTRACT NO. 60W26				ILLINOIS FED. AID PROJECT



HALSTED STREET
MATCH LINE STA 3835+35
SEE SHEET NO. 51



EXISTING OVERHEAD SIGN TRUSS TO REMAIN IN PLACE UNTIL THE PROPOSED OVERHEAD SIGN TRUSS HAS BEEN CONSTRUCTED.

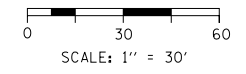
REM IMPACT ATTENUATORS, NO SALVAGE

NOTES:

1. ALL STATIONS AND OFFSETS ARE MEASURED FROM EX EB I-290 & RAMP ALIGNMENTS UNLESS OTHERWISE NOTED.
2. SEE HALSTED STREET PLAN AND PROFILE SHEET FOR ADDITIONAL REMOVAL INFORMATION.

PAVEMENT REMOVAL LEGEND

- PAVEMENT REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- HMA SURFACE REMOVAL
- APPROACH SLAB REMOVAL
- MEDIAN REMOVAL
- PAVED SHOULDER REMOVAL
- LINEAR REMOVAL
- X TREE REMOVAL
- P TREE TRUNK PROTECTION, TREE ROOT PRUNING, TREE PRUNING
- S SAPLING REMOVAL (NOT MEASURED FOR PAYMENT)



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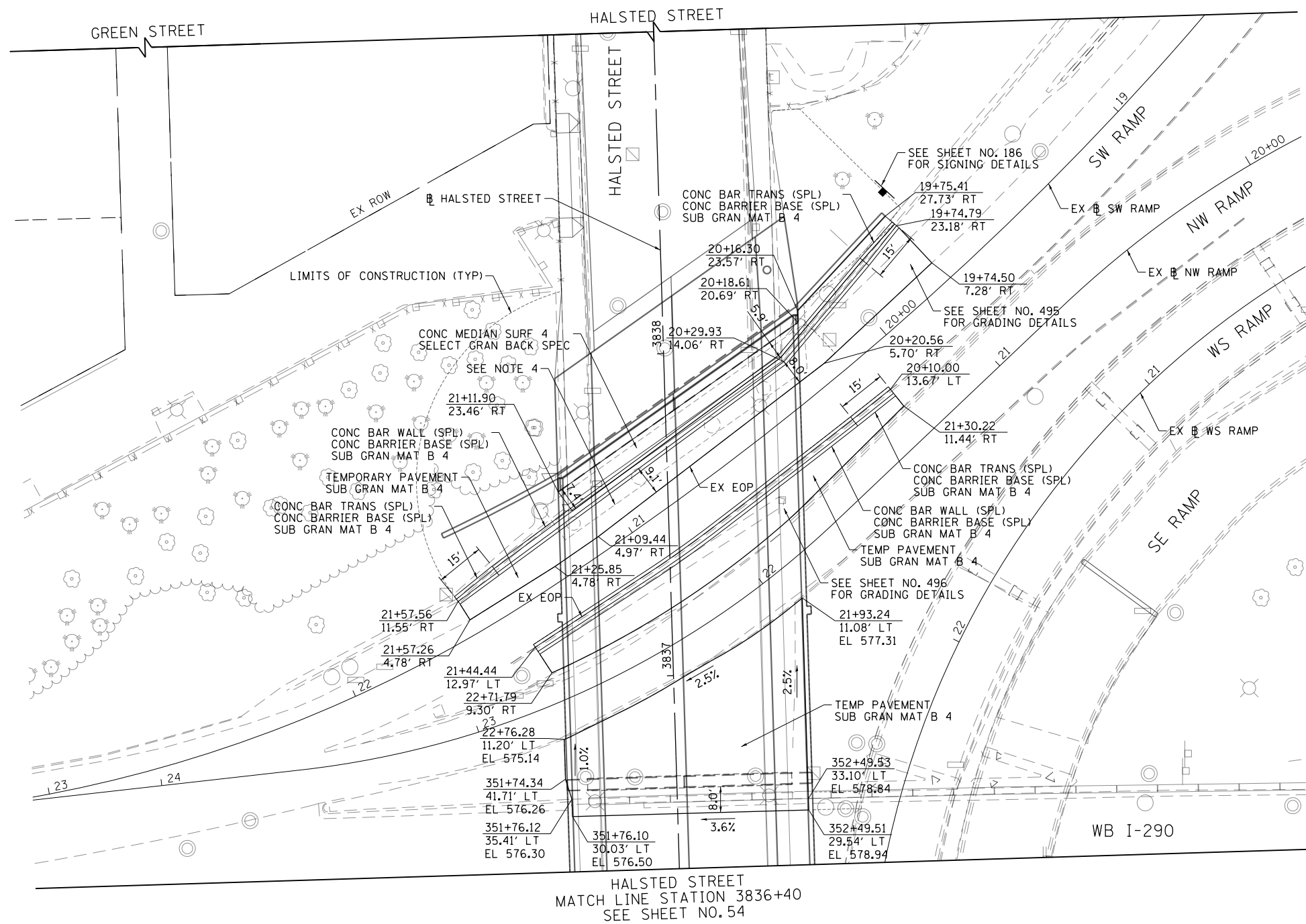
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY REMOVAL PLAN
I-290**

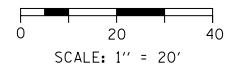
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F.A.I. RTE. 90/94/290	SECTION 2013-008R	COUNTY COOK	TOTAL SHEETS 559	SHEET NO. 52
CONTRACT NO. 60W26			ILLINOIS FED. AID PROJECT	



NOTES:

1. ALL STATIONS AND OFFSETS ARE MEASURED FROM EX I-290 & RAMP ALIGNMENTS UNLESS OTHERWISE NOTED.
2. SEE HALSTED STREET PLAN AND PROFILE FOR ADDITIONAL PROPOSED INFORMATION.
3. SEE ROADWAY DETAIL SHEETS FOR CONCRETE BARRIER AND CONCRETE BARRIER TRANSITION LIMITS AND DETAILS.
4. A PORTION OF THE ABUTMENT FOOTING WILL REMAIN. SEE STRUCTURAL PLANS FOR REMOVAL LIMITS. DEPTH OF THE TEMPORARY PAVEMENT ADJACENT TO THE EXISTING FOOTING WILL VARY BASED ON EXISTING FIELD CONDITIONS. THE VARIABLE DEPTH TEMPORARY PAVEMENT WILL BE PAID FOR AS TEMPORARY PAVEMENT.



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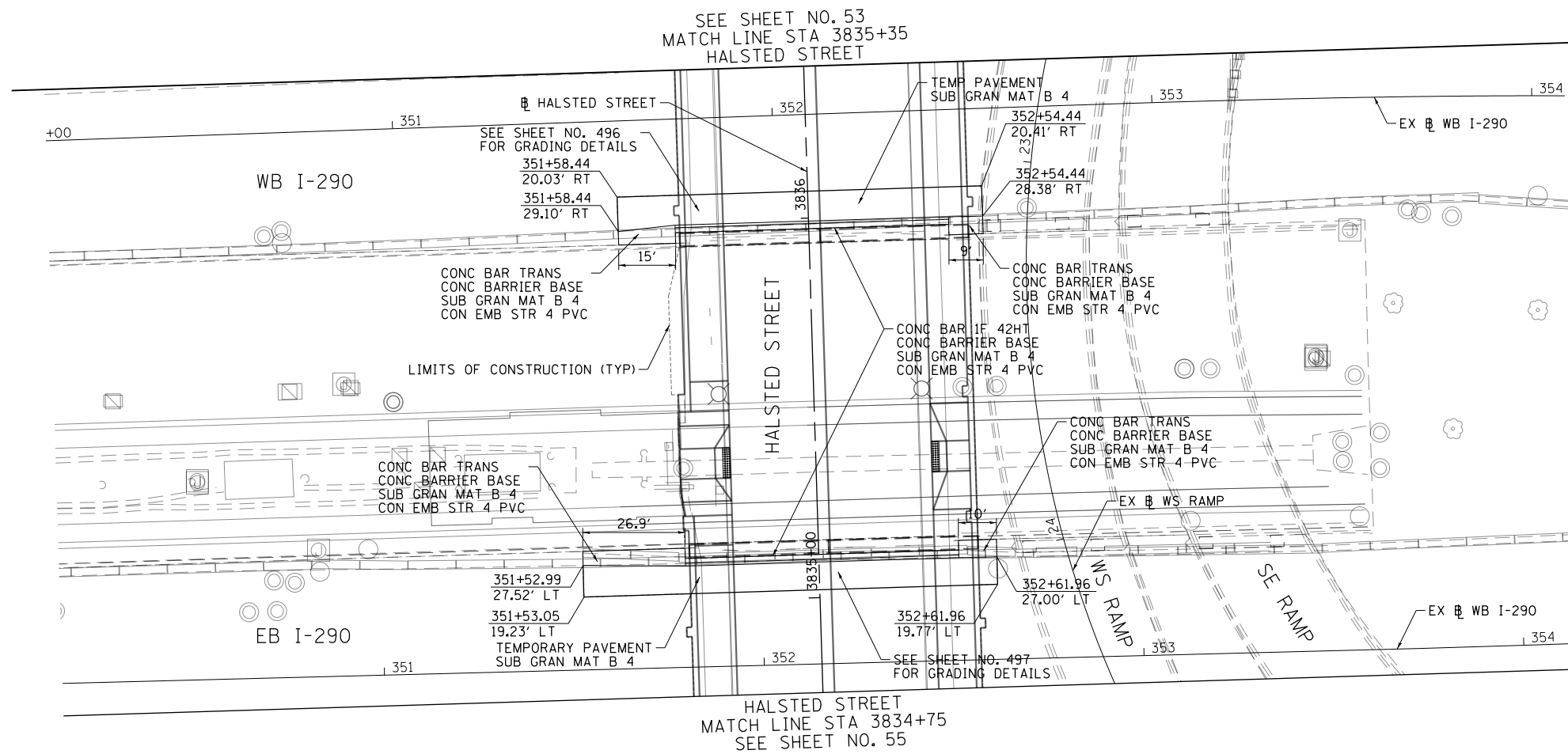
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

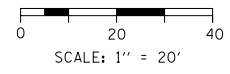
**ROADWAY PLAN
I-290**

SCALE: 1"=20' SHEET 4 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	53
CONTRACT NO. 60W26				
ILLINOIS FED. AID PROJECT				



1. ALL STATIONS AND OFFSETS ARE MEASURED FROM EX $\#$ I-290 & RAMP ALIGNMENTS UNLESS OTHERWISE NOTED.
2. SEE HALSTED STREET PLAN AND PROFILE FOR ADDITIONAL PROPOSED INFORMATION.
3. SEE ROADWAY DETAIL SHEETS FOR CONCRETE BARRIER AND CONCRETE BARRIER TRANSITION LIMITS AND DETAILS.



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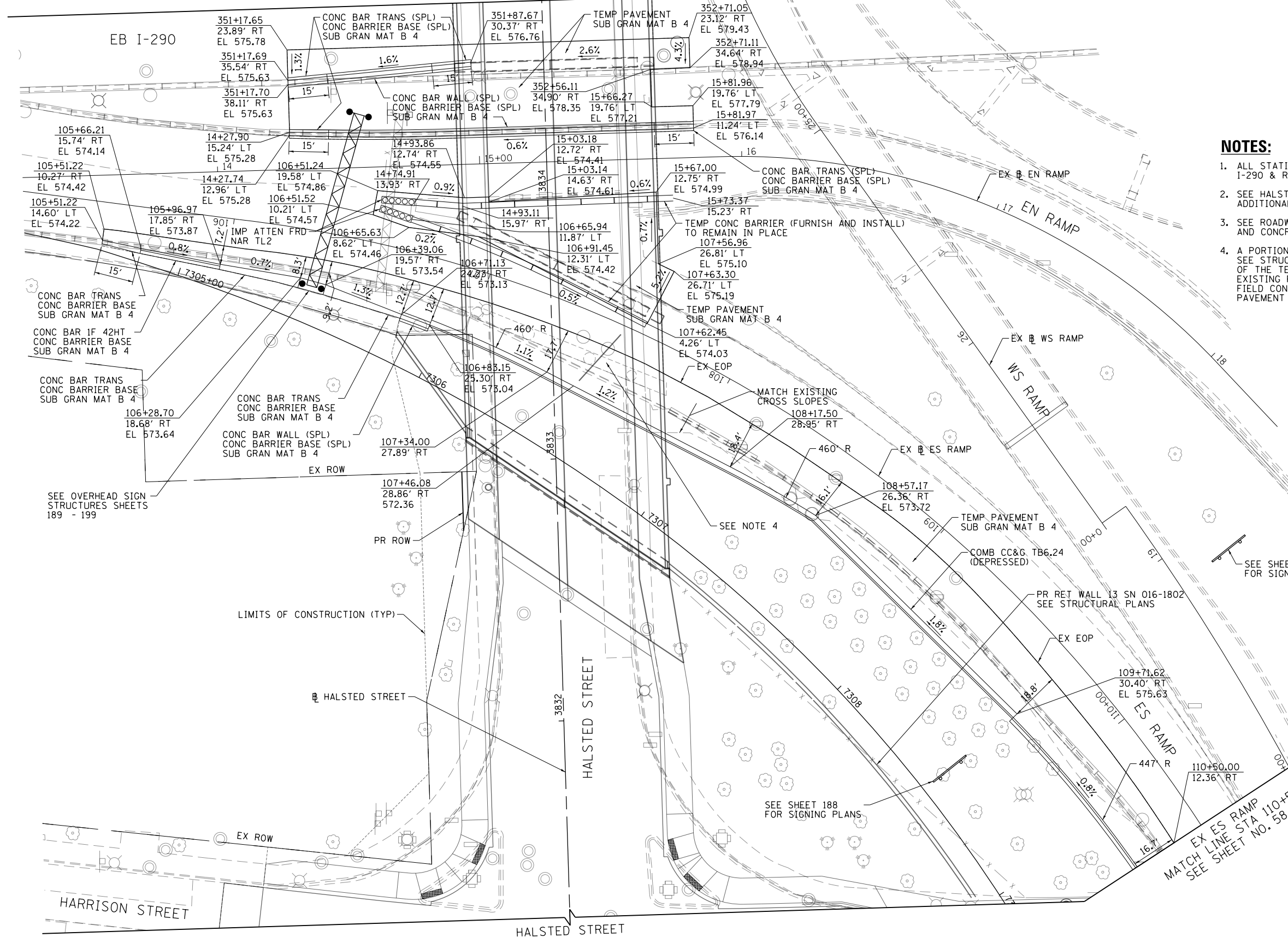
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN I-290			
SCALE: 1"=20'	SHEET 5	OF 9 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	54
CONTRACT NO. 60W26				
ILLINOIS FED. AID PROJECT				

HALSTED STREET
MATCH LINE STA 3835+35
SEE SHEET NO. 54



NOTES:

1. ALL STATIONS AND OFFSETS ARE MEASURED FROM EX EB I-290 & RAMP ALIGNMENTS UNLESS OTHERWISE NOTED.
2. SEE HALSTED STREET PLAN AND PROFILE FOR ADDITIONAL PROPOSED INFORMATION.
3. SEE ROADWAY DETAIL SHEETS FOR CONCRETE BARRIER AND CONCRETE BARRIER TRANSITION LIMITS AND DETAILS.
4. A PORTION OF THE ABUTMENT FOOTING WILL REMAIN. SEE STRUCTURAL PLANS FOR REMOVAL LIMITS. DEPTH OF THE TEMPORARY PAVEMENT ADJACENT TO THE EXISTING FOOTING WILL VARY BASED ON EXISTING FIELD CONDITIONS. THE VARIABLE DEPTH TEMPORARY PAVEMENT WILL BE PAID FOR AS TEMPORARY PAVEMENT.

SEE OVERHEAD SIGN STRUCTURES SHEETS 189 - 199

PR ROW

LIMITS OF CONSTRUCTION (TYP)

HALSTED STREET

HALSTED STREET

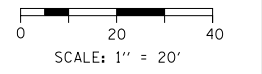
HALSTED STREET

HARRISON STREET

SEE SHEET 188 FOR SIGNING PLANS

SEE SHEET 188 FOR SIGNING PLANS

EX ES RAMP
MATCH LINE STA 110+50
SEE SHEET NO. 58



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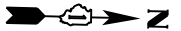
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CHECKED - JLV	REVISED -
DATE - 9/15/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
I-290

SCALE: 1"=20' SHEET 6 OF 9 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-008R	COUNTY COOK	TOTAL SHEETS 559	SHEET NO. 55
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W26	



TREE REMOVAL, ACRES

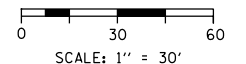
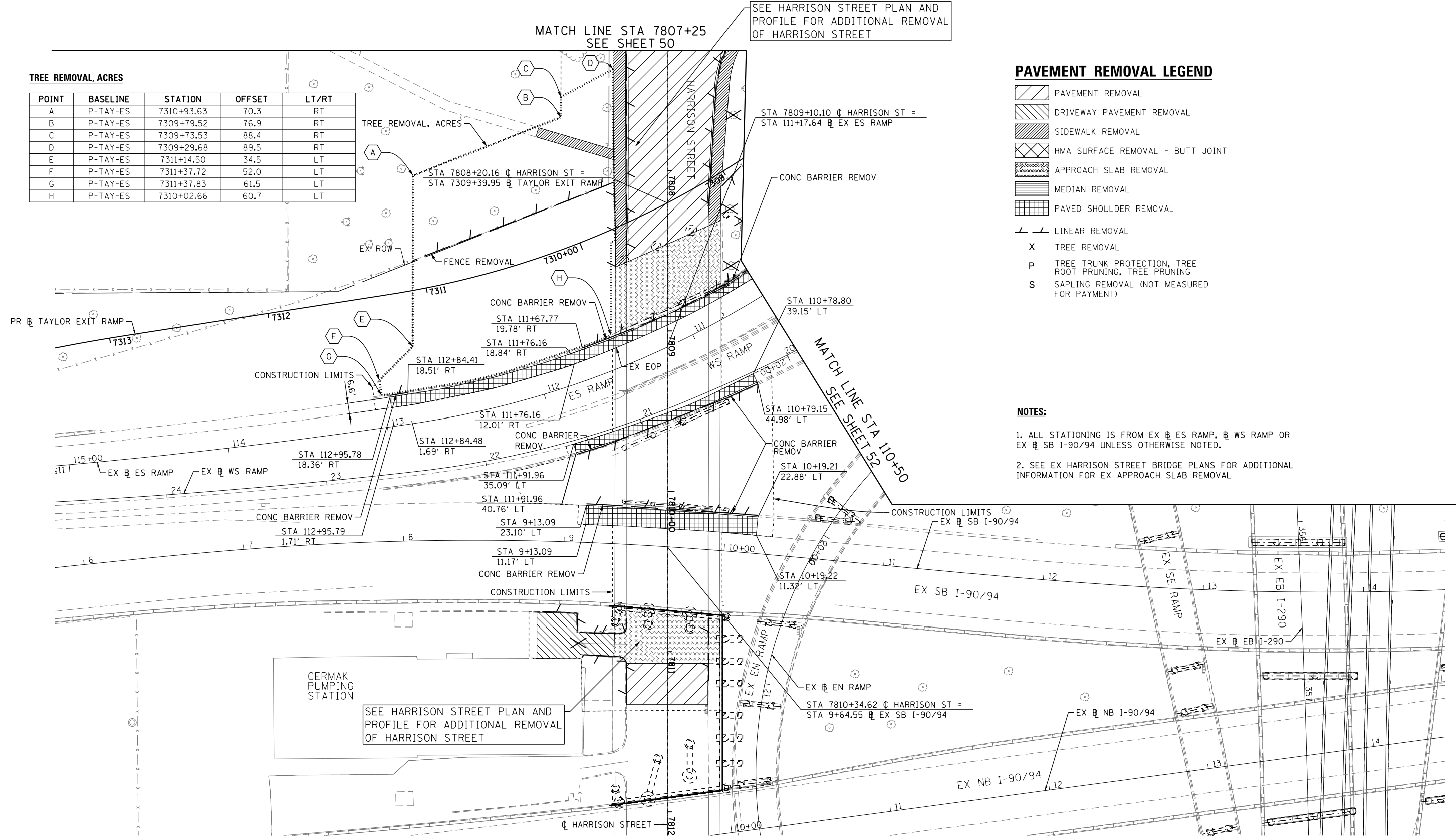
POINT	BASELINE	STATION	OFFSET	LT/RT
A	P-TAY-ES	7310+93.63	70.3	RT
B	P-TAY-ES	7309+79.52	76.9	RT
C	P-TAY-ES	7309+73.53	88.4	RT
D	P-TAY-ES	7309+29.68	89.5	RT
E	P-TAY-ES	7311+14.50	34.5	LT
F	P-TAY-ES	7311+37.72	52.0	LT
G	P-TAY-ES	7311+37.83	61.5	LT
H	P-TAY-ES	7310+02.66	60.7	LT

PAVEMENT REMOVAL LEGEND

- PAVEMENT REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- HMA SURFACE REMOVAL - BUTT JOINT
- APPROACH SLAB REMOVAL
- MEDIAN REMOVAL
- PAVED SHOULDER REMOVAL
- LINEAR REMOVAL
- X TREE REMOVAL
- P TREE TRUNK PROTECTION, TREE ROOT PRUNING, TREE PRUNING
- S SAPLING REMOVAL (NOT MEASURED FOR PAYMENT)

NOTES:

1. ALL STATIONING IS FROM EX @ ES RAMP, @ WS RAMP OR EX @ SB I-90/94 UNLESS OTHERWISE NOTED.
2. SEE EX HARRISON STREET BRIDGE PLANS FOR ADDITIONAL INFORMATION FOR EX APPROACH SLAB REMOVAL



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D160W26-shr-P1nprf-07
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 PLOT DATE = 9/13/2013

DESIGNED - JWM	REVISED -
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CHECKED - DBM	REVISED -
DATE - 9/15/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

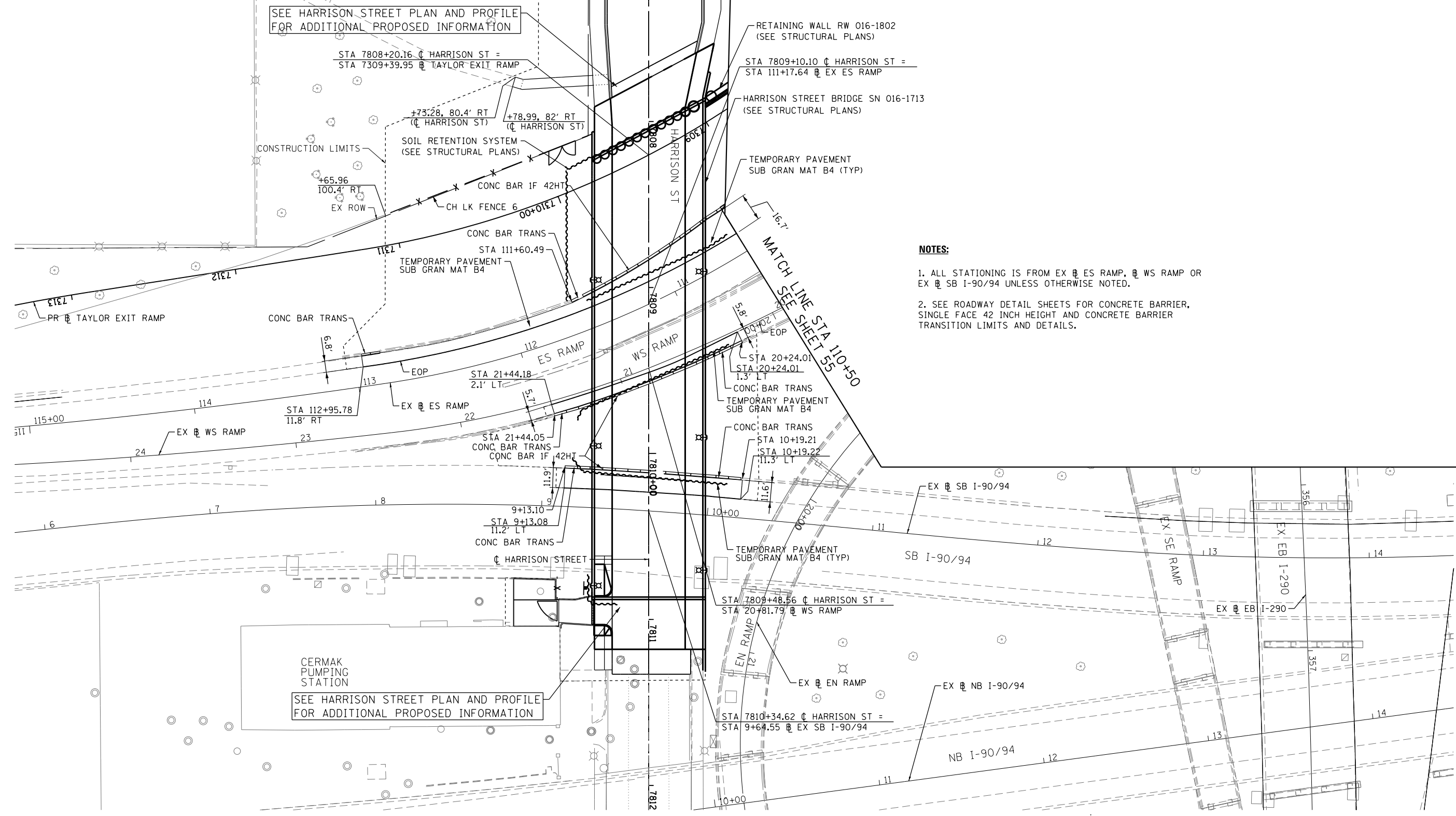
**ROADWAY REMOVAL PLAN
SB I-90/94 AND RAMP ES**

SCALE: 1"=30' SHEET 8 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	57
CONTRACT NO. 60W26				
ILLINOIS FED. AID PROJECT				

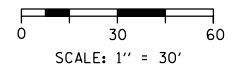


MATCH LINE STA 7807+25 SEE SHEET 50



NOTES:

1. ALL STATIONING IS FROM EX \bar{C} ES RAMP, \bar{C} WS RAMP OR EX \bar{C} SB I-90/94 UNLESS OTHERWISE NOTED.
2. SEE ROADWAY DETAIL SHEETS FOR CONCRETE BARRIER, SINGLE FACE 42 INCH HEIGHT AND CONCRETE BARRIER TRANSITION LIMITS AND DETAILS.



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D160W26-sh-t-Plnprf-08
USER NAME = chitua
PLOT SCALE = 30.0000' / in.
PLOT DATE = 9/13/2013

DESIGNED - JWM	REVISED -
DRAWN - JWM	REVISED -
CHECKED - DBM	REVISED -
DATE - 9/15/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN
SB I-90/94 AND RAMP ES**

SCALE: 1"=30' SHEET 9 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	58
CONTRACT NO. 60W26				
ILLINOIS FED. AID PROJECT				

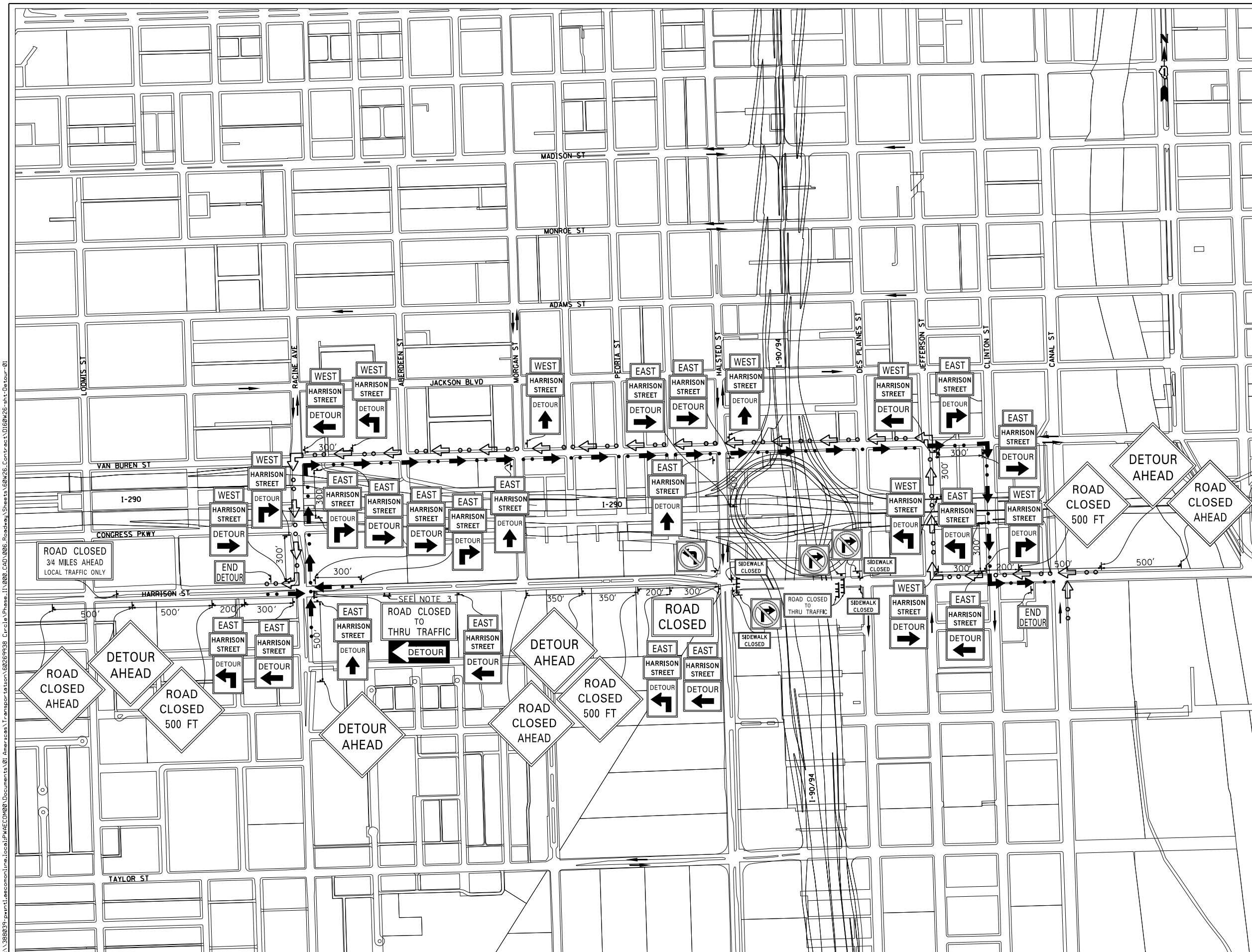
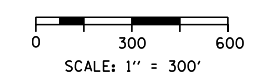
TRAFFIC CONTROL NOTES

1. Detour signing must be installed prior to closure of the Harrison Street Bridge.
2. The contractor is responsible for coordination with other road work in the area.
3. Coordinate with parking lot owner to close parking lot exit and direct lot traffic to an alternate exit to the east.

LEGEND

- WESTBOUND HARRISON DETOUR ROUTE
- EASTBOUND HARRISON DETOUR ROUTE
- ARROW BOARD
- TEMPORARY SIGN
- SIGN BARRICADE TYPE III
- ROADWAY DIRECTION

- ROAD CLOSED AHEAD
W20-3 48"x48"
- ROAD CLOSED 500 FT
W20-3 48"x48"
- DETOUR AHEAD
W20-2 48"x48"
- EAST
M3-2 24"x12"
- WEST
M3-4 24"x12"
- HARRISON STREET
CUSTOM SPECIAL BLACK LETTERS ON ORANGE BACKGROUND 24"x18"
- R3-1 24"x24"
- R3-2 24"x24"
- SIDEWALK CLOSED
R11-1101 24"x18"
- ROAD CLOSED
R11-2 48"x30"
- END DETOUR
M4-8A 24"x18"
- ROAD CLOSED 3/4 MILES AHEAD LOCAL TRAFFIC ONLY
R11-3A 60"x30"
- DETOUR
M4-9R 24"x30"
- DETOUR
M4-9L 24"x30"
- DETOUR
M4-9 24"x30"
- DETOUR
M4-9L 30"x24"
- DETOUR
M4-9R 30"x24"
- ROAD CLOSED TO THRU TRAFFIC
R11-4 60"x30"
- DETOUR
M4-10L 48"x18"



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D160W26-sht-Detour-01
 USER NAME = pimserno
 PLOT SCALE = 300.0000' / 1" = 300'
 PLOT DATE = 9/15/2013

DESIGNED - JRB
 DRAWN - JRB
 CHECKED - SLW
 DATE - 9/15/13

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETOUR PLAN
HARRISON STREET**

SCALE: 1"=300' SHEET 1 OF 1 SHEETS STA. TO STA. #PLN06

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	59
CONTRACT NO. 60W26			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 NOT LIMITED TO PROJECTS NEAR:
 - o CONTRACT 60F63 - FAI 90/94 KENNEDY EXPRESSWAY AT OHIO STREET
 - o CONTRACT 60W36 - TUNNEL BULKHEADING (CIRCLE INTERCHANGE)
 - o CONTRACT 60W25 - MORGAN STREET BRIDGE AT I-290 / CONGRESS PARKWAY AND (CIRCLE INTERCHANGE)
 - o CONTRACT 60W29 - PEORIA STREET BRIDGE AT I-290 / CONGRESS PARKWAY (CIRCLE INTERCHANGE)
 - o AND OTHERS.
11. THE CONTRACTOR SHALL NOTIFY THE ENGINEER 28 DAYS PRIOR TO ANY ANTICIPATED CLOSURES.
12. A MINIMUM 11' LANE WIDTH SHALL BE MAINTAINED ON ALL INTERSTATE LANES OPEN TO TRAFFIC DURING CONSTRUCTION.
13. OFFSETS BETWEEN THE EDGE OF TRAVEL LANE AND THE FACE OF TEMPORARY CONCRETE BARRIER ARE ASSUMED TO BE 2 FT UNLESS DESIGNATED OTHERWISE.
14. THE CONTRACTOR SHALL BE ADVISED THAT THE WORK DURING PEAK HOURS SPECIFICATION TAKE PRECEDENCE OVER THE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL.
15. 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.
16. 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.
17. 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.
18. MAINTAIN ACCESS TO FIRE HYDRANTS, BUILDING STANDPIPES AND OTHER EMERGENCY FACILITIES WITHIN THE CONSTRUCTION ZONE.
19. 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 GENERAL NOTES.

20. DEMOLITION AND RECONSTRUCTION OF NORTH & SOUTH PIERS AND SUPERSTRUCTURES OF HALSTED STREET BRIDGE SHALL BE COORDINATED WITH THE CTA. CTA TRACK CLOSURES ARE ALLOWED DURING OFF-PEAK HOURS ONLY. ALL CTA TRACK ACCESS OCCURRENCES SHALL BE COORDINATED AND PERFORMED IN ACCORDANCE TO THE DISCRETION OF THE CTA.
21. THE WORK INCLUDED WITHIN CONTRACT 60W36 TO BULKHEAD AND FILL WATER TUNNELS BELOW HALSTED STREET AND HARRISON STREET IS REQUIRED TO BE COMPLETE PRIOR TO THE START OF FOUNDATION WORK FOR NEW SUBSTRUCTURE ELEMENTS OF BOTH THE HALSTED STREET BRIDGE AND THE WEST HARRISON STREET BRIDGE. AT NO TIME WILL THE CONTRACTOR BE ALLOWED TO BEGIN ANY DRILLING PRIOR TO THE RECEIPT OF INFORMATION CONFIRMING THAT THE BULKHEADING AND FILLING WORK WITHIN THE LIMITS OF THE PROPOSED FOUNDATIONS HAS BEEN COMPLETED AND ACCEPTED.

22. 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.

23. 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.

24. SIGN W21-1d SHALL BE TAKEN DOWN WHEN THE WORKERS ARE NOT PRESENT.

25. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ACCESS RESTRICTIONS TO THE SITE AS MAY 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.

26. 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).

27. 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.

28. THE CONTRACTOR SHALL BE REQUIRED TO REMOVAL 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.

29. ALL TEMPORARY PAVEMENT MARKINGS SHOWING DETERIORATION AFTER 7 DAYS SHALL BE REPLACED BY THE CONTRACTOR SA 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.

30. 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 TRAFFIC CONTROL AND PROTECTING, (SPECIAL).

31. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING DRAINAGE OF THE ROADWAY DURING ALL STAGES OF CONSTRUCTION. A QUANTITY OF 20 INLETS, TYPE A, TYPE B GRATE AND 500' OF STORM SEWERS, CLASS A, TYPE 1 12 INCHES HAS BEEN PROVIDED FOR TEMPORARY USE. REMOVAL OF THESE ITEMS SHALL BE INCLUDED IN THEIR COST.

NOTE:

BOXED ITEMS ARE INCLUDED IN THE COST OF THE CONTRACT.

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303 EAST WACKER DRIVE, SUITE 1400 CHICAGO, IL 60601-5275 PHONE: (312) 373-7700 FAX: (312) 373-6800	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN 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	2013-008R	COOK	559	60
CONTRACT NO. 60W26				
ILLINOIS FED. AID PROJECT				

CONTRACT NO. 60W26				
ILLINOIS FED. AID PROJECT				

STAGING NARRATIVE

STAGE 1A

MAINTENANCE OF TRAFFIC ALONG MAINLINES AND RAMPS UNDER HALSTED/ HARRISON STREETS

- **EB I-290 AND RAMPS ES & EN**
 - o MAINTAIN 2 LANES OF TRAFFIC THROUGH CONGRESS PARKWAY AT ALL TIMES.
 - o SHIFT LANES SOUTH UTILIZING PART OF THE EXISTING OUTSIDE SHOULDER AS THE TRAVEL LANE PER PLANS.
 - o MAINTAIN EXISTING 1 LANE OF TRAFFIC TO RAMP EN.
 - o MAINTAIN EXISTING 2 LANES OF TRAFFIC TO RAMP ES. LANES WILL BE SHIFTED NORTH AND REDUCED TO 11' LANES PER PLANS.
- **WB I-290 AND RAMPS SW & NW**
 - o MAINTAIN 2 LANES OF TRAFFIC FROM CONGRESS PARKWAY AT ALL TIMES.
 - o SHIFT LANES NORTH UTILIZING PART OF THE EXISTING OUTSIDE SHOULDER AS THE TRAVEL LANE PER PLANS.
 - o MAINTAIN EXISTING 1 LANE OF TRAFFIC FROM RAMPS SW AND NW.
 - o RAMP SW WILL BE SHIFTED NORTH AND REDUCED TO 11' LANE.
 - o RAMP NW LANE WILL REDUCED TO 11' LANE.

MAINTENANCE OF TRAFFIC ON LOCAL ROADS

- **HARRISON STREET**
 - o COMPLETELY CLOSE THE WEST HARRISON STREET BRIDGE AND APPROACHES TO BOTH VEHICULAR AND PEDESTRIAN TRAFFIC. BRIDGE TO REMAIN CLOSED FOR THE ENTIRE LENGTH OF CONSTRUCTION.
 - o TRAFFIC UTILIZING EAST AND WEST HARRISON STREET BRIDGES WILL BE DETOURED UTILIZING THE HARRISON STREET DETOUR PLAN.
 - o HARRISON STREET BRIDGE WILL BE RE-OPENED TO THRU TRAFFIC UPON COMPLETION OF THE EAST HARRISON STREET BRIDGE (SN 016-1711, BY OTHERS). HOWEVER, ACCESS TO THE CERMAK PUMPING STATION AT WEST DRIVEWAY WILL BE RE-OPENED AFTER THE COMPLETION OF THE WEST HARRISON BRIDGE (SN 016-1713).
 - o MAINTAIN ACCESS TO THE CERMAK PUMPING STATION DRIVEWAYS THROUGHOUT CONSTRUCTION. THE WEST DRIVEWAY TO CERMAK PUMPING STATION WILL CLOSED DURING CONSTRUCTION. TRAFFIC ACCESSING THE CERMAK PUMPING STATION SHALL UTILIZE THE EAST DRIVEWAY.
 - o MAINTAIN 1 LANE OF TRAFFIC IN EACH DIRECTION ALONG THE WEST LEG OF HARRISON STREET AND HALSTED STREET INTERSECTION PER PLANS.
 - o REDUCE EACH LANE TO 10' AND SHIFT LANES PER PLANS.
- **HALSTED STREET**
 - o CLOSE THE EAST HALF OF HALSTED STREET BRIDGE AND APPROACHES TO BOTH VEHICULAR AND PEDESTRIAN TRAFFIC.
 - o ALL TRAFFIC TO BE MAINTAINED ON THE WEST HALF OF THE HALSTED STREET.
 - o MAINTAIN ACCESS TO THE HALSTED CTA STATION ENTRANCE AT ALL TIMES.
 - o SHIFT THE HALSTED STREET TRAFFIC TO THE WEST SIDE AND MAINTAIN 1 LANE OF TRAFFIC IN EACH DIRECTION ALONG NB AND SB HALSTED STREET.
 - o PROVIDE SIDEWALK CLOSURES FOR THE EAST HALF OF THE HALSTED STREET BRIDGE. SIDEWALK CLOSURE SHALL BE PER STANDARD 701801.
 - o PEDESTRIAN TRAFFIC SHALL BE MAINTAINED ALONG THE WEST HALF OF THE HALSTED STREET BRIDGE.

CONSTRUCTION TO BE COMPLETED IN STAGE 1A

- ALL COMED, AT&T, OUC, OEMC AND 911 EMERGENCY UNIT UTILITIES TO BE RELOCATED BY OTHERS. THE REMOVAL AND REPLACEMENT OF THE EXISTING UTILITIES SHALL BE COORDINATED AND AT THE DISCRETION OF UTILITY AGENCIES.

STAGE 1A CONTINUED

- SEE STRUCTURAL, LIGHTING, ITS, AND TRAFFIC SIGNAL PLANS FOR ADDITIONAL INFORMATION DURING STAGING.

60" COMBINED SEWER AND WATER MAIN RELOCATION:

- DUE TO THE CLOSE PROXIMITY OF WORK ZONE, THE CONTRACTOR SHALL TAKE ALL SAFETY PRECAUTIONS DURING THE EXCAVATION OF REMOVAL AND RELOCATION BETWEEN THE 60" COMBINED SEWER AND WATER MAIN.
- THE CONTRACTOR SHALL COORDINATE THE WORK BETWEEN 60" COMBINED SEWER AND WATER MAIN SUCH THAT THERE IS NO CONFLICT THAT WOULD COMPROMISE THE WORK SCHEDULE OF EITHER ITEM. EXTRA PRECAUTIONS SHALL BE TAKEN AT ALL CROSSINGS AND ALL CRITICAL AREAS AS DETERMINED BY THE ENGINEER.
- BEGIN 60" COMBINED SEWER RELOCATION. ALL CONNECTIONS SHALL BE MADE TO MINIMIZE TRAFFIC DISRUPTION ALONG THE LOCAL ROADS, MAINLINES AND RAMPS.
- REMOVE EXISTING 60" COMBINED SEWER. MAINTAIN FLOW OF SEWER AT ALL TIMES.
- THE CONNECTION OF THE 60" COMBINED SEWER SHALL BE MADE ONLY AFTER THE CLOSURE OF THE WEST HARRISON STREET BRIDGE. ALL CONNECTIONS SHALL BE MADE SUCH THAT THE EXISTING DRAINAGE FLOW IS MAINTAINED.
- BEGIN WATER MAIN RELOCATION. INSTALL TEMPORARY SOIL RETENTION SYSTEMS OR BRACED EXCAVATION AS REQUIRED. ALL FITTINGS AND CONNECTIONS SHALL BE MADE TO MINIMIZE TRAFFIC DISRUPTION ALONG THE LOCAL ROADS, MAINLINES AND RAMPS.
- CONTACT CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT (CDWM) FOR SHUTDOWN OF WATER MAIN (312-744-5070).
- PERFORM PAVEMENT REPLACEMENT AND PATCHES IN LOCATION OF DEMOLISHED WATER MAIN VAULT. THE COST OF PAVEMENT PATCHES SHALL BE INCLUDED IN THE COST OF WATER MAIN RELOCATION WORK. LIMITS OF PATCHES TO BE DETERMINED IN THE FIELD BY THE ENGINEER.
- BULKHEAD AND FILL TUNNEL AT NORTH END OF HALSTED STREET BRIDGE TO THE EXTENT SHOWN IN THE PLANS. WORK DONE SHALL BE PERFORMED UTILIZING SHORT TERM, OFF ROAD CLOSURE OPERATIONS PER THE HIGHWAY STANDARDS. WORK UNDER THE BULKHEAD AND FILLING OF TUNNEL SHALL NOT DISRUPT THE MAINLINE TRAFFIC.
- WHERE GROUT HOLES ARE REQUIRED WITHIN THE TRAVEL LANES OF I-290 OR RAMPS, THE CLOSURE OF SUCH LANES SHALL BE MADE IN ACCORDANCE WITH THE REQUIREMENTS OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS), KEEPING THE EXPRESSWAYS OPEN TO TRAFFIC, AND FAILURE TO OPEN TRAFFIC LANES TO TRAFFIC. APPROPRIATE HIGHWAY STANDARDS MUST BE USED AS REQUIRED BASED UPON THE CHOSEN CONTRACTOR OPERATIONS AND SCHEDULE.
- WHERE GROUT HOLES ARE REQUIRED WITHIN THE TRAVEL LANES, SIDEWALKS OR PARKWAY OF PEORIA STREET, THE CONTRACTOR SHALL PROVIDE A PEDESTRIAN PROTECTION PLAN AND PARKING RESTRICTION PLAN FOR APPROVAL BY THE ENGINEER.
- RESTORATION OF GROUT HOLES SHOULD CONFORM TO PAVEMENT DESIGNS IDENTIFIED WITHIN THE TYPICAL SECTIONS.
- REMOVE FRAME AND GRATE AND BULKHEAD MANWAY OF ALL DRAINAGE STRUCTURES ALONG RAMPS ES AND SW AS INDICATED ON THE PLANS AND AS PER THE SPECIFICATIONS.

HARRISON STREET:

- RELOCATE EXISTING BRIDGE MOUNTED SIGN PANEL ON HARRISON STREET BRIDGE TO GROUND MOUNT SUPPORTS.
- REMOVE EXISTING HARRISON STREET BRIDGE APPROACHES, SUPERSTRUCTURE, PIERS AND ABUTMENTS AS SHOWN IN THE PLANS. WORK INCLUDES BUT NOT LIMITED TO REMOVAL AND RECONSTRUCTION OF SUBSTRUCTURES, ABUTMENTS, SUPERSTRUCTURE AND APPROACHES AS WELL AS REMOVAL OF ALL OTHER APPURTENANCE FIXTURES ON THE BRIDGE.
- INSTALL ALL REQUIRED TEMPORARY SOIL RETENTION SYSTEMS AS SHOWN IN THE STRUCTURAL PLANS FOR THE REMOVAL AND CONSTRUCTION OF HARRISON BRIDGE.
- BEGIN RECONSTRUCTION OF THE HARRISON STREET BRIDGE (SN 016-1713) PIER AND ABUTMENTS.

STAGE 1A CONTINUED

- THE CONTRACTOR SHALL TAKE ALL SAFETY PRECAUTION DURING CONSTRUCTION OF THE EAST ABUTMENT TO PROTECT THE INTEGRITY OF THE EXISTING COUNTERFORT AND ALL EXISTING CDWM DRAINAGE/WATER MAIN STRUCTURES.
- INSTALL DRAINAGE ALONG THE MAINLINE AND LOCAL ROAD AS SHOWN IN THE PLANS.
- REMOVE AND RECONSTRUCT THE CENTER TWO LANES AND LEFT-TURN LANE OF THE WEST HARRISON STREET APPROACH OF THE HALSTED/ HARRISON INTERSECTION AS SHOWN IN THE PLANS.

HALSTED STREET:

- RELOCATE EXISTING ITS LINES TO THE CTA SIDE OF THE MEDIAN BARRIERS ALONG EB AND WB I-290.
- INSTALL COMB SEW ESVCP 8 CDOT PER THE EROSION AND SEDIMENTATION CONTROL PLANS NEAR THE EXISTING SOUTH AND NORTH ABUTMENTS PRIOR TO ANY REMOVALS ON THE EXISTING HALSTED STREET BRIDGE.
- REMOVE THE EAST HALF OF THE EXISTING HALSTED STREET BRIDGE SUPERSTRUCTURE, ALL PIERS BUT PIER 1 AND APPROACHES.
- DEMOLITION AND RECONSTRUCTION OF HALSTED STREET BRIDGE (SN 016-1716) PIERS AND SUPERSTRUCTURE ADJACENT TO THE CTA SHALL BE COORDINATED WITH THE CTA. CTA TRACK ACCESS IS ALLOWED DURING OFF-PEAK HOURS ONLY.
- ALL CTA TRACK ACCESS SHALL BE COORDINATED AND PERFORMED IN ACCORDANCE TO THE DISCRETION OF THE CTA. REFER TO "CTA FLAGGING AND COORDINATION" SPECIAL PROVISION.
- THE CONSTRUCTION OF HALSTED STREET BRIDGE (SN 016-1716) WILL BE STAGED. STAGED CONSTRUCTION SHALL FOLLOW THE SEQUENCE OF CONSTRUCTION AS SHOWN IN THE STRUCTURAL PLANS.
- INSTALL TEMPORARY CONCRETE BARRIER ALONG THE EAST HALF OF THE HALSTED STREET BRIDGE AS SHOWN IN THE PLANS. WORK INCLUDES THE CONSTRUCTION OF ABUTMENTS, ALL (EXCEPT PIER 1), AND APPROACHES AS WELL AS REMOVAL OF ALL OTHER APPURTENANCE FIXTURES ON THE BRIDGE AND DRAINAGE INSTALLATION ALONG THE MAINLINES AND LOCAL ROADS AS SHOWN IN THE PLANS.
- WHENEVER POSSIBLE, THE CONTRACTOR SHALL MAXIMIZE THE WORK ZONE LIMITS DURING THE CONSTRUCTION OF THE SN 016-1716 SUBSTRUCTURES BY PERFORMING THE WORK IN SUB-STAGES. THIS IS ESPECIALLY IMPORTANT AT LOCATIONS IN CLOSE PROXIMITY TO LIVE TRAFFIC ALONG I-290 AND CTA TRACKS.
- CONSTRUCT ALL OF THE EAST HALF SUBSTRUCTURES EXCEPT FOR PIER 1.
- INSTALL DRAINAGE ON EAST HALF OF HALSTED STREET.
- INSTALL DRAINAGE ALONG THE MAINLINE AND LOCAL ROAD AS SHOWN IN THE PLANS.
- FOR TEMPORARY DRAINAGE UNDER THE HALSTED STREET BRIDGE ALONG ES RAMP, REMOVE PORTIONS OF THE EXISTING BRIDGE ABUTMENT AND FOUNDATION TO ALLOW TEMPORARY DRAINAGE PIPES TO BE INSTALLED.
- PROVIDE PAVEMENT REPLACEMENT AT LOCATIONS ALONG RAMPS ES AND SW AS SHOWN ON THE PLANS.
- REMOVE EXISTING ISLAND AND INSTALL TEMPORARY PAVEMENT AT THE NW CORNER OF THE HALSTED/HARRISON INTERSECTION TO ACCOMMODATE TRAFFIC DURING CONSTRUCTION.
- INSTALL ALL OTHER TEMPORARY PAVEMENT AT LOCATIONS PER PLANS.
- REMOVE AND RECONSTRUCT THE EAST HALF OF THE HALSTED/ HARRISON INTERSECTION, WORK INCLUDES BUT NOT LIMITED TO TRAFFIC SIGNALS, SIDEWALK, AND ADA RAMPS AS SHOWN IN THE PLANS.

RETAINING WALL SN 016-1802:

- BEGIN CONSTRUCTION OF RETAINING WALL 016-1802.
- THE CONTRACTOR SHALL TAKE ALL SAFETY PRECAUTION DURING THE CONSTRUCTION OF THE RETAINING WALL 016-1802 TO PROTECT THE INTEGRITY OF THE EXISTING HIGH MAST LIGHT TOWER LOCATED ALONG THE EXISTING ES RAMP MIDWAY BETWEEN THE HALSTED STREET BRIDGE SOUTH ABUTMENT AND HARRISON STREET WEST ABUTMENT.

ITS AND LIGHTING:

- THE RELOCATE EXISTING ITS LINES TO THE CTA SIDE OF THE MEDIAN BARRIERS ALONG EB AND WB I-290.
- INSTALL RVSD IN MEDIAN BETWEEN RAMP ES AND I-90/94 SOUTHBOUND.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN			
NARRATIVE			
SCALE:	SHEET 1 OF 3 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	61
CONTRACT NO. 60W26			ILLINOIS FED. AID PROJECT	

STAGING NARRATIVE

STAGE 1B

MAINTENANCE OF TRAFFIC ALONG MAINLINES AND RAMPS UNDER HALSTED/ HARRISON STREETS

- **EB I-290 AND RAMPS ES & EN**
 - o MAINTAIN THE MAINLINE AND RAMP TRAFFIC CONTROL FROM STAGE 1A, EXCEPT FOR RAMP ES.
 - o REDUCE EXISTING TRAFFIC TO RAMP ES TO ONE 11' LANE.
- **WB I-290 AND RAMPS SW & NW**
 - o MAINTAIN THE MAINLINE AND RAMP TRAFFIC CONTROL FROM STAGE 1A.

MAINTENANCE OF TRAFFIC ON LOCAL ROADS

- **HARRISON STREET**
 - o WEST HARRISON STREET BRIDGE AND APPROACHES TO REMAIN CLOSED TO BOTH VEHICULAR AND PEDESTRIAN FOR THE ENTIRE LENGTH OF CONSTRUCTION.
 - o TRAFFIC UTILIZING EAST AND WEST HARRISON STREET BRIDGES WILL BE DETOURED UTILIZING THE HARRISON STREET DETOUR PLAN.
 - o HARRISON STREET BRIDGE WILL BE RE-OPENED TO THRU TRAFFIC UPON COMPLETION OF THE EAST HARRISON STREET BRIDGE (SN 016-1711, BY OTHERS). HOWEVER, ACCESS TO THE CERMAK PUMPING STATION AT WEST DRIVEWAY WILL BE RE-OPENED AFTER THE COMPLETION OF THE WEST HARRISON BRIDGE (SN 016-1713).
 - o MAINTAIN ACCESS TO THE CERMAK PUMPING STATION DRIVEWAYS THROUGHOUT CONSTRUCTION. THE WEST DRIVEWAY TO CERMAK PUMPING STATION WILL CLOSED DURING CONSTRUCTION. TRAFFIC ACCESSING THE CERMAK PUMPING STATION SHALL UTILIZE THE EAST DRIVEWAY.
 - o MAINTAIN 1 LANE OF TRAFFIC IN EACH DIRECTION ALONG THE WEST LEG OF HARRISON STREET AND HALSTED STREET INTERSECTION PER PLANS.
 - o REDUCE EACH LANE TO 10' AND SHIFT LANES PER PLANS.
- **HALSTED STREET**
 - o CLOSE THE EAST HALF OF HALSTED STREET BRIDGE AND APPROACHES TO BOTH VEHICULAR AND PEDESTRIAN TRAFFIC.
 - o ALL TRAFFIC TO BE MAINTAINED ON THE WEST HALF OF THE HALSTED STREET.
 - o MAINTAIN ACCESS TO THE HALSTED CTA STATION ENTRANCE AT ALL TIMES.
 - o SHIFT THE HALSTED STREET TRAFFIC TO THE WEST SIDE AND MAINTAIN 1 LANE OF TRAFFIC IN EACH DIRECTION ALONG NB AND SB HALSTED STREET.
 - o PROVIDE SIDEWALK CLOSURES FOR THE EAST HALF OF THE HALSTED STREET BRIDGE. SIDEWALK CLOSURE SHALL BE PER STANDARD 701801.
 - o PEDESTRIAN TRAFFIC SHALL BE MAINTAINED ALONG THE WEST HALF OF THE HALSTED STREET BRIDGE.

CONSTRUCTION TO BE COMPLETED IN STAGE 1B

- ALL COMED, AT&T, OUC, OEMC AND 911 EMERGENCY UNIT UTILITIES TO BE RELOCATED BY OTHERS. THE REMOVAL AND REPLACEMENT OF THE EXISTING UTILITIES SHALL BE COORDINATED AND AT THE DISCRETION OF UTILITY AGENCIES.
- SEE STRUCTURAL, LIGHTING, ITS, AND TRAFFIC SIGNAL PLANS FOR ADDITIONAL INFORMATION DURING STAGING.

60" COMBINED SEWER AND WATER MAIN RELOCATION:

- COMPLETE THE RELOCATION OF WATER MAIN AND 60" COMBINED SEWER AT HALSTED/HARRISON INTERSECTION TIE IN. ALL CONNECTIONS SHALL BE MADE TO MINIMIZE TRAFFIC DISRUPTION ALONG THE LOCAL ROADS, MAINLINES AND RAMPS.
- THE CONNECTION OF THE WATER MAIN AT HARRISON STREET AND HALSTED STREET INTERSECTION MAY BE REQUIRED PARTIAL AND/OR FULL CLOSURE OR OVERNIGHT CLOSURE OF THE INTERSECTION. WORK PERFORMED SHALL BE COORDINATED AND AT THE DISCRETION OF CITY OF CHICAGO.

STAGE 1B CONTINUED

HARRISON STREET:

- CONTINUE WORK ON HARRISON STREET BRIDGE.
- THE CONSTRUCTION OF THE EAST ABUTMENT SHALL BE COORDINATED WITH THE INSTALLATION OF DRAINAGE PIPE NOS. 50 & 53.
- THE CONTRACTOR SHALL INSTALL DRAINAGE PIPE NOS. 50 & 53 ONLY AFTER THE REMOVAL OF THE TEMPORARY SOIL RETENTION SYSTEM (SPECIAL).

HALSTED STREET:

- CONSTRUCT THE SUBSTRUCTURE OF PIER 1.
- UPON COMPLETION OF PIER 1, ERECT THE SUPERSTRUCTURE ON THE EAST HALF OF THE HALSTED STREET BRIDGE.
- CONSTRUCT DECK AND ALL OTHER SUPERSTRUCTURE COMPONENTS EXCEPT FOR THE EAST SIDEWALK AND PARAPET.
- INSTALL PORTIONS OF THE PROPOSED AND TEMPORARY DRAINAGE SYSTEMS ON BOTH THE NORTH AND SOUTH SIDE OF THE HALSTED STREET BRIDGE IN ORDER TO MAINTAIN DRAINAGE THROUGHOUT THE BRIDGE CONSTRUCTION. SEE STRUCTURAL PLANS.

RETAINING WALL SN 016-1802:

- CONTINUE CONSTRUCTION ON RETAINING WALL 016-1802.

STAGE 2A

MAINTENANCE OF TRAFFIC ALONG MAINLINES AND RAMPS UNDER HALSTED/ HARRISON STREETS

- **EB I-290 AND RAMPS ES & EN**
 - o MAINTAIN THE MAINLINE AND RAMP TRAFFIC CONTROL FROM STAGE 1B.
- **WB I-290 AND RAMPS SW & NW**
 - o MAINTAIN THE MAINLINE AND RAMP TRAFFIC CONTROL FROM STAGE 1A.

MAINTENANCE OF TRAFFIC ON LOCAL ROADS

- **HARRISON STREET**
 - o WEST HARRISON STREET BRIDGE AND APPROACHES TO REMAIN CLOSED TO BOTH VEHICULAR AND PEDESTRIAN FOR THE ENTIRE LENGTH OF CONSTRUCTION.
 - o TRAFFIC UTILIZING EAST AND WEST HARRISON STREET BRIDGES WILL BE DETOURED UTILIZING THE HARRISON STREET DETOUR PLAN.
 - o HARRISON STREET BRIDGE WILL BE RE-OPENED TO THRU TRAFFIC UPON COMPLETION OF THE EAST HARRISON STREET BRIDGE (SN 016-1711, BY OTHERS). HOWEVER, ACCESS TO THE CERMAK PUMPING STATION AT WEST DRIVEWAY WILL BE RE-OPENED AFTER THE COMPLETION OF THE WEST HARRISON BRIDGE (SN 016-1713).
 - o MAINTAIN ACCESS TO THE CERMAK PUMPING STATION DRIVEWAYS THROUGHOUT CONSTRUCTION. THE WEST DRIVEWAY TO CERMAK PUMPING STATION WILL CLOSED DURING CONSTRUCTION. TRAFFIC ACCESSING THE CERMAK PUMPING STATION SHALL UTILIZE THE EAST DRIVEWAY.
 - o MAINTAIN 1 LANE OF TRAFFIC IN EACH DIRECTION ALONG THE WEST LEG OF HARRISON STREET AND HALSTED STREET INTERSECTION PER PLANS.
 - o REDUCE EACH LANE TO 10.5' EB AND 11' WB AND SHIFT LANES PER PLANS.
 - o SHIFT HARRISON STREET TRAFFIC TO THE RECONSTRUCTED INSIDE LANES WEST OF THE HALSTED/ HARRISON INTERSECTION.
 - o MAINTAIN 1 LANE OF TRAFFIC IN BOTH WB AND EB DIRECTIONS OF HARRISON STREET AT THE HALSTED/ HARRISON STREET INTERSECTION.
- **HALSTED STREET**
 - o SHIFT HALSTED STREET VEHICULAR AND PEDESTRIAN TRAFFIC TO THE RECONSTRUCTED EAST HALF OF THE HALSTED STREET BRIDGE, APPROACHES AND HALSTED/ HARRISON INTERSECTION.
 - o CLOSE WEST HALF OF HALSTED STREET BRIDGE AND APPROACHES TO VEHICULAR AND PEDESTRIAN TRAFFIC.
 - o THE HALSTED STREET CTA STATION ENTRANCE WILL BE TEMPORARILY CLOSED DURING THE REMOVAL OF THE EXISTING BRIDGE. TEMPORARY CLOSURE FOR THE HALSTED STREET CTA STATION ENTRANCE IS AT THE DISCRETION OF THE CTA. AT LEAST TWO OF THE THREE FOLLOWING CHICAGO TRANSIT AUTHORITY (CTA) STATION ENTRANCES SHALL REMAIN OPEN DURING CONSTRUCTION OF THE HALSTED STREET BRIDGE:
 - MORGAN STREET
 - PEORIA STREET
 - HALSTED STREET
 - o MAINTAIN 1 LANE OF TRAFFIC IN BOTH NB AND SB DIRECTIONS OF HALSTED STREET AT THE HALSTED/ HARRISON STREET INTERSECTION.
 - o MAINTAIN ACCESS TO THE HALSTED CTA STATION ENTRANCE AT ALL TIMES UTILIZING THE TEMPORARY BRIDGE AND DEDICATED PEDESTRIAN WALKWAY.

STAGE 2A CONTINUED

CONSTRUCTION TO BE COMPLETED IN STAGE 2A

- ALL COMED, AT&T, OUC, OEMC AND 911 EMERGENCY UNIT UTILITIES TO BE RELOCATED BY OTHERS. THE REMOVAL AND REPLACEMENT OF THE EXISTING UTILITIES SHALL BE COORDINATED AND AT THE DISCRETION OF UTILITY AGENCIES.
- SEE STRUCTURAL, LIGHTING, ITS, AND TRAFFIC SIGNAL PLANS FOR ADDITIONAL INFORMATION DURING STAGING.

HARRISON STREET:

- ALL CONSTRUCTION AT THE CERMAK PUMPING STATION AREAS SHALL BE COORDINATED WITH CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT (CDWM).
- REMOVE EXISTING GATES, GATE POSTS AND WEST DRIVEWAY AT THE CERMAK PUMPING STATION. INSTALL NEW SECURITY GATE AT THE DISCRETION OF CDWM.
- CONSTRUCT THE WEST DRIVEWAY TO TIE IN WITH THE EAST APPROACH SLAB AND ABUTMENT OF HARRISON STREET BRIDGE (SN 016-1713).
- COMPLETE THE RECONSTRUCTION OF THE HARRISON STREET BRIDGE (SN 016-1713) PIER AND ABUTMENTS.
- BEGIN RECONSTRUCTION OF THE HARRISON STREET BRIDGE (SN 16-1713) SUPERSTRUCTURE AND APPROACHES.
- INSTALL TRENCH DRAINS AT THE WEST DRIVEWAY AND PERFORM OTHER DRAINAGE RELATED WORK.
- REMOVE AND RECONSTRUCT THE OUTSIDE LANES OF THE WEST APPROACH TO THE HALSTED/ HARRISON STREET INTERSECTION AS SHOWN IN THE PLANS. WORK INCLUDES BUT NOT LIMITED TO TRAFFIC SIGNALS, SIDEWALK, AND ADA RAMPS AS SHOWN IN THE PLANS. WORK PERFORMED SHALL BE PER STANDARD 701701.

HALSTED STREET:

- INSTALL TEMPORARY CONCRETE BARRIER AND TEMPORARY CONCRETE BARRIER (SPECIAL) ON THE NEWLY CONSTRUCTED EAST HALF OF THE HALSTED STREET BRIDGE (SN 016-1716) AS SHOWN IN THE STRUCTURAL PLANS.
- DEMOLITION AND RECONSTRUCTION OF HALSTED STREET BRIDGE (SN 016-1716) PIERS AND SUPERSTRUCTURE ADJACENT TO THE CTA SHALL BE COORDINATED WITH THE CTA. CTA TRACK ACCESS IS ALLOWED DURING OFF-PEAK HOURS ONLY. ALL CTA TRACK ACCESS SHALL BE COORDINATED AND PERFORMED IN ACCORDANCE TO THE DISCRETION OF THE CTA. REFER TO "CTA FLAGGING AND COORDINATION" SPECIAL PROVISION.
- REMOVE THE WEST HALF OF THE EXISTING SUBSTRUCTURES, SUPERSTRUCTURES AND APPROACHES OF HALSTED STREET AS SHOWN IN THE STRUCTURAL PLANS.
- INSTALL TEMPORARY DRAINAGE SYSTEMS ON BOTH THE NORTH AND SOUTH SIDE OF THE HALSTED STREET BRIDGE. THIS TEMPORARY DRAINAGE SYSTEM WILL UTILIZE THE FORMWORK INSTALLED ALONG THE WESTERN EDGE OF THE NEWLY CONSTRUCTED EAST HALF OF THE HALSTED STREET BRIDGE. THE FORMWORK SHALL BE DESIGNED BY THE CONTRACTOR. SEE EROSION AND SEDIMENTATION CONTROL AND STRUCTURAL PLANS.
- THE FORMWORK AND DRAINAGE SYSTEM SHALL REMAIN IN PLACE FOR DRAINAGE PURPOSES UNTIL THE ENGINEER DETERMINES THAT IT IS NO LONGER NEEDED. SEE EROSION AND SEDIMENTATION CONTROL PLANS.
- THE CONTRACTOR SHALL ENSURE THAT SEDIMENT DOES NOT ENTER THE STORM SEWER SYSTEMS ALONG I-290.
- INSTALL TEMPORARY BRIDGE FOR PEDESTRIAN ACCESS TO THE HASTED STREET CTA STATION ENTRANCE.
- INSTALL TEMPORARY PAVEMENT, COMBINATION CONCRETE CURB AND GUTTER AND CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT ALONG THE ES RAMP LIMITS AS SHOWN IN PLANS.
- RECONSTRUCT PIER 1 AND SOUTH ABUTMENTS LIMITS AS SHOWN IN THE PLANS.
- RELOCATE THE EXISTING DUCT BANK TO THE EAST HALF OF THE BRIDGE.
- RELOCATE UTILITIES TO THEIR FINAL LOCATIONS.
- INSTALL PROPOSED OVERHEAD SIGN STRUCTURE-SPAN (STRUCTURE NO. 1S016I290R029.8) AT THE END OF STAGE 2A CONSTRUCTION. THEN ONLY AFTER THE INSTALLATION OF THE PROPOSED OVERHEAD SIGN STRUCTURE-SPAN THAT THE EXISTING OVERHEAD SIGN STRUCTURE-SPAN ALONG THE EB I-290 WEST OF THE HALSTED STREET BRIDGE CAN BE REMOVED. THE INSTALLATION AND REMOVAL OF THE OVERHEAD SIGN STRUCTURES SHALL BE COMPLETED DURING NON-PEAK HOURS.

ITS AND LIGHTING:

- REMOVE EXISTING ITS AND LIGHTING AS SHOWN IN THE PLANS

RETAINING WALL SN 016-1802:

- CONTINUE CONSTRUCTION ON RETAINING WALL 016-1802.

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 PLOT SCALE = 50.0000' / in.
 PLOT DATE = 9/15/2013

DESIGNED - KAM
 DRAWN - KAM
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 DATE - 9/15/13

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
 NARRATIVE**

SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	62
CONTRACT NO. 60W26			ILLINOIS FED. AID PROJECT	

STAGING NARRATIVE

STAGE 2B

MAINTENANCE OF TRAFFIC ALONG MAINLINES AND RAMPS UNDER HALSTED/ HARRISON STREETS

- **EB I-290 AND RAMPS ES & EN**
 - o MAINTAIN THE MAINLINE AND RAMP TRAFFIC CONTROL FROM STAGE 1B.
 - o OPEN TRAFFIC ON ES RAMP BACK TO TWO 11' LANES.
- **WB I-290 AND RAMPS SW & NW**
 - o MAINTAIN THE MAINLINE AND RAMP TRAFFIC CONTROL FROM STAGE 1A.

MAINTENANCE OF TRAFFIC ON LOCAL ROADS

- **HARRISON STREET**
 - o WEST HARRISON STREET BRIDGE AND APPROACHES TO REMAIN CLOSED TO BOTH VEHICULAR AND PEDESTRIAN FOR THE ENTIRE LENGTH OF CONSTRUCTION.
 - o TRAFFIC UTILIZING EAST AND WEST HARRISON STREET BRIDGES WILL BE DETOURED UTILIZING THE HARRISON STREET DETOUR PLAN.
 - o HARRISON STREET BRIDGE WILL BE RE-OPENED TO THRU TRAFFIC UPON COMPLETION OF THE EAST HARRISON STREET BRIDGE (SN 016-1711, BY OTHERS). HOWEVER, ACCESS TO THE CERMAK PUMPING STATION AT WEST DRIVEWAY WILL BE RE-OPENED AFTER THE COMPLETION OF THE WEST HARRISON BRIDGE (SN 016-1713).
 - o MAINTAIN ACCESS TO THE CERMAK PUMPING STATION DRIVEWAYS THROUGHOUT CONSTRUCTION. THE WEST DRIVEWAY TO CERMAK PUMPING STATION WILL CLOSED DURING CONSTRUCTION. TRAFFIC ACCESSING THE CERMAK PUMPING STATION SHALL UTILIZE THE EAST DRIVEWAY.
 - o MAINTAIN 1 LANE OF TRAFFIC IN EACH DIRECTION ALONG THE WEST LEG OF HARRISON STREET AND HALSTED STREET INTERSECTION PER PLANS.
 - o REDUCE EACH LANE TO 10.5' EB AND 11' WB AND SHIFT LANES PER PLANS.
 - o SHIFT HARRISON STREET TRAFFIC TO THE RECONSTRUCTED INSIDE LANES WEST OF THE HALSTED/ HARRISON INTERSECTION.
 - o MAINTAIN 1 LANE OF TRAFFIC IN BOTH WB AND EB DIRECTIONS OF HARRISON STREET AT THE HALSTED/ HARRISON STREET INTERSECTION.
- **HALSTED STREET**
 - o SHIFT HALSTED STREET VEHICULAR AND PEDESTRIAN TRAFFIC TO THE RECONSTRUCTED EAST HALF OF THE HALSTED STREET BRIDGE, APPROACHES AND HALSTED/ HARRISON INTERSECTION.
 - o CLOSE WEST HALF OF HALSTED STREET BRIDGE AND APPROACHES TO VEHICULAR AND PEDESTRIAN TRAFFIC.
 - o MAINTAIN ACCESS TO THE HALSTED CTA STATION ENTRANCE AT ALL TIMES UTILIZING THE TEMPORARY BRIDGE AND DEDICATED PEDESTRIAN WALKWAY EXCEPT DURING THE REMOVAL OF THE EXISTING BRIDGE. TEMPORARY CLOSURE FOR THE HALSTED STREET CTA STATION ENTRANCE IS AT THE DISCRETION OF THE CTA. AT LEAST TWO OF THE THREE FOLLOWING CHICAGO TRANSIT AUTHORITY (CTA) STATION ENTRANCES SHALL REMAIN OPEN DURING CONSTRUCTION OF THE HALSTED STREET BRIDGE:
 - MORGAN STREET
 - PEORIA STREET
 - HALSTED STREET
 - o MAINTAIN 1 LANE OF TRAFFIC IN BOTH NB AND SB DIRECTIONS OF HALSTED STREET AT THE HALSTED/ HARRISON STREET INTERSECTION.

CONSTRUCTION TO BE COMPLETED IN STAGE 2B

- ALL COMED, AT&T, OUC, OEMC AND 911 EMERGENCY UNIT UTILITIES TO BE RELOCATED BY OTHERS. THE REMOVAL AND REPLACEMENT OF THE EXISTING UTILITIES SHALL BE COORDINATED AND AT THE DISCRETION OF UTILITY AGENCIES.
- SEE STRUCTURAL, LIGHTING, ITS, AND TRAFFIC SIGNAL PLANS FOR ADDITIONAL INFORMATION DURING STAGING.

STAGE 2B CONTINUED

HARRISON STREET:

- COMPLETE THE RECONSTRUCTION OF THE HARRISON STREET BRIDGE (SN 16-1713) SUPERSTRUCTURE AND APPROACHES.

HALSTED STREET:

- REMOVE TEMPORARY BRIDGE FOR PEDESTRIAN ACCESS PRIOR TO SUPERSTRUCTURE INSTALLATION.
 - o THE HALSTED STREET CTA STATION ENTRANCE WILL BE TEMPORARILY CLOSED DURING THE REMOVAL OF THE TEMPORARY BRIDGE. CTA STATION ENTRANCE CLOSURE SHALL BE AT THE DISCRETION OF THE CTA. AT LEAST TWO OF THE THREE FOLLOWING CHICAGO TRANSIT AUTHORITY (CTA) STATION ENTRANCES SHALL REMAIN OPEN DURING CONSTRUCTION OF THE HALSTED STREET BRIDGE:

- MORGAN STREET
- PEORIA STREET
- HALSTED STREET

- COMPLETE THE RECONSTRUCTION OF THE WEST HALF OF HALSTED STREET BRIDGE (SN 016-1716) INCLUDING ALL PIERS, ABUTMENTS, SUPERSTRUCTURE AND APPROACHES AS SHOWN IN THE STRUCTURAL PLANS
- CONSTRUCT REMAINING PORTIONS OF THE PROPOSED DRAINAGE SYSTEM ON THE WEST SIDE OF THE HALSTED STREET BRIDGE.
- INSTALL THE OVERHEAD SIGN STRUCTURE PER PLANS. SEE SIGNING AND OVERHEAD SIGN PANEL LAYOUT DETAILS.

ITS AND LIGHTING:

- REMOVE EXISTING ITS AND LIGHTING AS SHOWN IN THE PLANS.

RETAINING WALL SN 016-1802:

- COMPLETE THE CONSTRUCTION OF RETAINING WALL 016-1802.
- RE-GRADE THE EMBANKMENT BETWEEN THE BACK OF CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT AND RETAINING WALL 016-1802.

STAGES 3A-3C

MAINTENANCE OF TRAFFIC ALONG MAINLINES AND RAMPS UNDER HALSTED/ HARRISON STREETS

- **EB I-290 AND RAMPS ES & EN**
 - o RESTORE NUMBER OF LANES TO THE ORIGINAL CONFIGURATIONS UTILIZING THE FINAL INTERIM STRIPINGS:
 - THREE 12' LANES ALONG EB CONGRESS PARK WAY.
 - TWO 12' LANES ALONG THE ES RAMP.
 - ONE 16' LANE FOR EN RAMP.
- **WB I-290 AND RAMPS SW & NW**
 - o RESTORE NUMBER OF LANES TO THE ORIGINAL CONFIGURATIONS WITH THE EXCEPTION OF SW RAMP UTILIZING THE FINAL INTERIM STRIPINGS:
 - THREE 12' LANES ALONG WB CONGRESS PARK WAY.
 - ONE 16' LANE FOR NW RAMP.
 - o MAINTAIN 12' LANE WIDTH AND SHIFT SW RAMP TRAFFIC SOUTH OF THE NEWLY CONSTRUCTED NORTH ABUTMENT.

MAINTENANCE OF TRAFFIC ON LOCAL ROADS

- **HARRISON STREET**
 - o WEST HARRISON STREET BRIDGE AND APPROACHES TO REMAIN CLOSED TO BOTH VEHICULAR AND PEDESTRIAN FOR THE ENTIRE LENGTH OF CONSTRUCTION.
 - o TRAFFIC UTILIZING EAST AND WEST HARRISON STREET BRIDGES WILL BE DETOURED UTILIZING THE HARRISON STREET DETOUR PLAN.
 - o HARRISON STREET BRIDGE WILL BE RE-OPENED TO THRU TRAFFIC UPON COMPLETION OF THE EAST HARRISON STREET BRIDGE (SN 016-1711, BY OTHERS). HOWEVER, ACCESS TO THE CERMAK PUMPING STATION AT WEST DRIVEWAY WILL BE RE-OPENED AFTER THE COMPLETION OF THE WEST HARRISON BRIDGE (SN 016-1713).
 - o MAINTAIN ACCESS TO THE CERMAK PUMPING STATION DRIVEWAYS THROUGHOUT CONSTRUCTION. THE WEST DRIVEWAY TO CERMAK PUMPING STATION WILL CLOSED DURING CONSTRUCTION. TRAFFIC ACCESSING THE CERMAK PUMPING STATION SHALL UTILIZE THE EAST DRIVEWAY.
 - o MAINTAIN 1 LANE OF TRAFFIC IN EACH DIRECTION ALONG THE WEST LEG OF HARRISON STREET AND HALSTED STREET INTERSECTION PER PLANS.

STAGES 3A-3C CONTINUED

- **HALSTED STREET**

- o MAINTAIN 1 LANE OF TRAFFIC IN BOTH NB AND SB DIRECTIONS OF HALSTED STREET AT THE HALSTED/ HARRISON STREET INTERSECTION. SHIFT TRAFFIC PER PLANS IN STAGES 3A-3C LOCAL ROADS.
- o ALLOW PEDESTRIAN ACCESS TO THE HALSTED CTA STATION ENTRANCE UTILIZING THE SIDEWALK ON THE WEST HALF. THE EAST SIDEWALK IS TO REMAIN CLOSED.

CONSTRUCTION TO BE COMPLETED IN STAGES 3A-3C

HARRISON STREET:

- PERFORM MISCELLANEOUS CLEANUP WORK AT ALL REQUIRED LOCATIONS.

HALSTED STREET:

- COMPLETE THE REMAINING PORTIONS OF EAST HALF OF HALSTED STREET BRIDGE (SN 016-1716) WORK INCLUDES CONSTRUCTION OF THE EAST SIDEWALK, PARAPET RAILING AND DECORATIVE FENCE. SEE STRUCTURAL PLANS.
- ERECT CTA CANOPY. HALSTED STREET AND CTA STATION ENTRANCE MAY REQUIRE INTERMITTENT CLOSURES DUE TO THE CTA CANOPY WORK. THE CLOSURES SHALL BE AT THE DISCRETION OF THE CTA.
- PERFORM MISCELLANEOUS CLEANUP WORK AT ALL REQUIRED LOCATIONS.

MISCELLANEOUS:

- INSTALL ALL PERMANENT ITS, LIGHTING AND TRAFFIC SIGNALS AS SPECIFIED IN THE PLANS.
- INSTALL FINAL STRIPING AND SIGNING PER PAVEMENT MARKING AND SIGNING PLANS.
- INSTALL PERMANENT SEEDING AND SODDING PER THE PERMANENT EROSION CONTROL AND SEDIMENTATION CONTROL PLAN.

FILE PATH = p:\388039-pa\m\escomon\me\local\p\AEC\000\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\000_CAD\005_Roadway\Sheets\60W26-sht-Staging-Nar-03.dgn



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PLOT DATE = 9/15/2013	DATE - 9/15/13	REVISED -

DESIGNED - KAM	REVISED -
DRAWN - KAM	REVISED -
CHECKED - OPS	REVISED -
DATE - 9/15/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	63
CONTRACT NO. 60W26			ILLINOIS FED. AID PROJECT	

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL SCHEDULE

LOCATION	SHEET	STATION	TO	STATION	SUBBASE GRANULAR MATERIAL, TYPE B, 4"	PAVEMENT REMOVAL	SHORT TERM PAVEMENT MARKING	WORK ZONE PAVEMENT MARKING REMOVAL	TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	PAVEMENT MARKING REMOVAL	TEMPORARY CONCRETE BARRIER (SPECIAL)	TEMPORARY PAVEMENT	TEMPORARY EPOXY PAVEMENT MARKING - LINE 4"	TEMPORARY EPOXY PAVEMENT MARKING - LINE 5"	TEMPORARY EPOXY PAVEMENT MARKING - LINE 8"	TEMPORARY EPOXY PAVEMENT MARKING - LINE 12"	
					SO YD	SO YD	FOOT	SO FT	FOOT	FOOT	EACH	EACH	EACH	EACH	SO FT	FOOT	SO YD	FOOT	FOOT	FOOT	FOOT	FOOT
MAINLINE STAGES 1A	SHEET																					
	1		TO		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2		TO		-	-	900	-	-	-	-	-	-	-	493	-	-	450	160	185	-	-
	3		TO		-	-	16,588	-	3,750.0	-	-	12	-	-	5,229	-	-	8,294	1,487	1,657	244	
	4		TO		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	5		TO		-	-	3,238	-	963.0	-	-	-	-	-	1,127	-	-	1,619	231	453	-	
	6		TO		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	7		TO		-	-	708	-	-	-	-	-	-	-	116	-	-	354	-	-	-	
	8		TO		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MAINLINE STAGES 1B	SHEET																					
	1		TO		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	2		TO		-	-	1,390	265	-	-	-	-	-	-	-	-	-	695	220	161	-	
	3		TO		-	-	16,748	4,732	-	3,550.0	-	2	-	12	-	-	-	8,374	1,359	1,438	236	
	4		TO		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	5		TO		-	-	3,078	938	-	962.5	-	-	-	-	-	-	-	1,539	162	227	-	
	6		TO		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	7		TO		-	-	708	118	-	-	-	-	-	-	-	-	-	354	-	-	-	
	8		TO		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MAINLINE STAGES 2A	SHEET																					
	1		TO		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	2		TO		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	3		TO		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	4		TO		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	5		TO		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	6		TO		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	7		TO		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	8		TO		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MAINLINE STAGES 2B	SHEET																					
	1		TO		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	2		TO		-	-	492	431	-	-	-	-	-	-	-	-	-	246	62	161	-	
	3		TO		-	-	3,172	4,553	-	200.0	-	-	1	-	-	-	-	1,586	202	789	-	
	4		TO		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	5		TO		-	-	1,274	732	-	-	-	-	-	-	-	-	-	637	108	226	-	
	6		TO		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	7		TO		-	-	-	118	-	-	-	-	-	-	-	-	-	-	-	-	-	
	8		TO		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MAINLINE STAGES 3A-3C	SHEET																					
	1		TO		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	2		TO		-	-	-	215	-	-	-	-	1	-	-	-	-	611	220	185	-	
	3		TO		-	-	-	1,139	-	337.5	-	-	-	-	-	-	-	8,175	1,502	1,657	1,650	
	4		TO		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	5		TO		-	-	-	408	-	-	-	-	-	-	-	-	-	1,628	-	453	-	
	6		TO		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	7		TO		-	-	-	-	-	-	-	-	-	-	-	-	-	211	269	-	-	
	8		TO		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SUBTOTAL					0	0	48,296	13,649	4,713	5,050	0	14	0	14	6,965	0	0	34,773	5,982	7,592	2,130	

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0160W26-sht-Staging-Schedule
 USER NAME = pimsarno
 PLOT SCALE = 50.0000' / in.
 PLOT DATE = 9/15/2013

DESIGNED - OPS
 DRAWN - OPS
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 DATE - 9/15/13

REVISED -
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 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

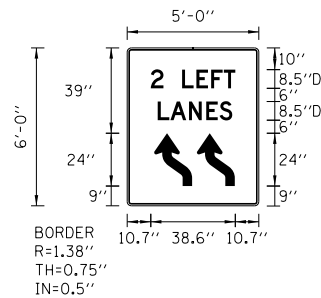
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
 SCHEDULES

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

F.A.I. RTE. 90/94/290	SECTION 2013-008R	COUNTY COOK	TOTAL SHEETS 559	SHEET NO. 64
CONTRACT NO. 60W26			ILLINOIS FED. AID PROJECT	

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL SCHEDULE

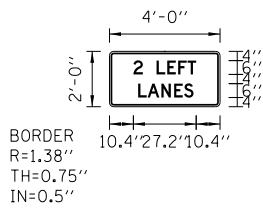
LOCATION	STATION	TO	STATION	SUBBASE GRANULAR MATERIAL, TYPE B, 4"	PAVEMENT REMOVAL	SHORT TERM PAVEMENT MARKING	WORK ZONE PAVEMENT MARKING REMOVAL	TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	PAVEMENT MARKING REMOVAL	TEMPORARY CONCRETE BARRIER (SPECIAL)	TEMPORARY PAVEMENT	TEMPORARY EPOXY PAVEMENT MARKING - LINE 4"	TEMPORARY EPOXY PAVEMENT MARKING - LINE 5"	TEMPORARY EPOXY PAVEMENT MARKING - LINE 8"	TEMPORARY EPOXY PAVEMENT MARKING - LINE 12"	
				SO YD	SO YD	FOOT	SO FT	FOOT	FOOT	FOOT	EACH	EACH	EACH	EACH	SO FT	FOOT	SO YD	FOOT	FOOT	FOOT	FOOT
	1	TO		138	-	11,624	-	975.0	-	1	-	-	-	-	-	138	5,812	-	-	-	
	2	TO		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LOCAL ROADS - STAGES 2A-2B																					
	1	TO		-	-	12,194	1,942	525.0	975.0	-	-	1	-	1,942	737.5	-	6,097	-	-	37	
	2	TO		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LOCAL ROADS - STAGSE 3A-3C																					
	1	TO		-	138	9,502	1,012	-	637.5	-	-	1	-	1,012	-	-	4,751	-	-	37	
	2	TO		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SUBTOTAL																					
TOTAL																					
				138	138	81,616	16,603	6,213.0	6,662.5	1	14	2	14	9,919	737.5	138	51,433	5,982	7,592	2,204	



SIGN NUMBER	Lane Shift
WIDTH x HGHT.	5'-0" x 6'-0"
BORDER WIDTH	0.75"
CORNER RADIUS	1.38"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Yellow
LEGEND/BORDER	TYPE: Reflective COLOR: Black/Black

SYMBOL	ROT	X	Y	WID	HT
W1_4RA	180	12.3	9	17.3	24.1
W1_4RA	180	31.8	9	17.3	24.1

LETTER POSITIONS (X)						LENGTH	SERIESSIZE
2	L	E	F	T			D 2000
10.7	16.5	25	31.6	38.3	44.1	38.6	8.5
L	A	N	E	S			D 2000
13.9	19.7	28.2	36	42.1		34	8.5



SIGN NUMBER	Lane Shift
WIDTH x HGHT.	4'-0" x 2'-0"
BORDER WIDTH	0.75"
CORNER RADIUS	1.38"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Orange
LEGEND/BORDER	TYPE: Reflective COLOR: Black/Black

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)						LENGTH	SERIESSIZE
2	L	E	F	T			D 2000
10.4	14.5	20.5	25.1	29.8	33.9	27.2	6
L	A	N	E	S			D 2000
12.5	16.6	22.6	28.1	32.4		24	6

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 PLOT DATE = 9/15/2013

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 DATE - 9/15/13

REVISED -
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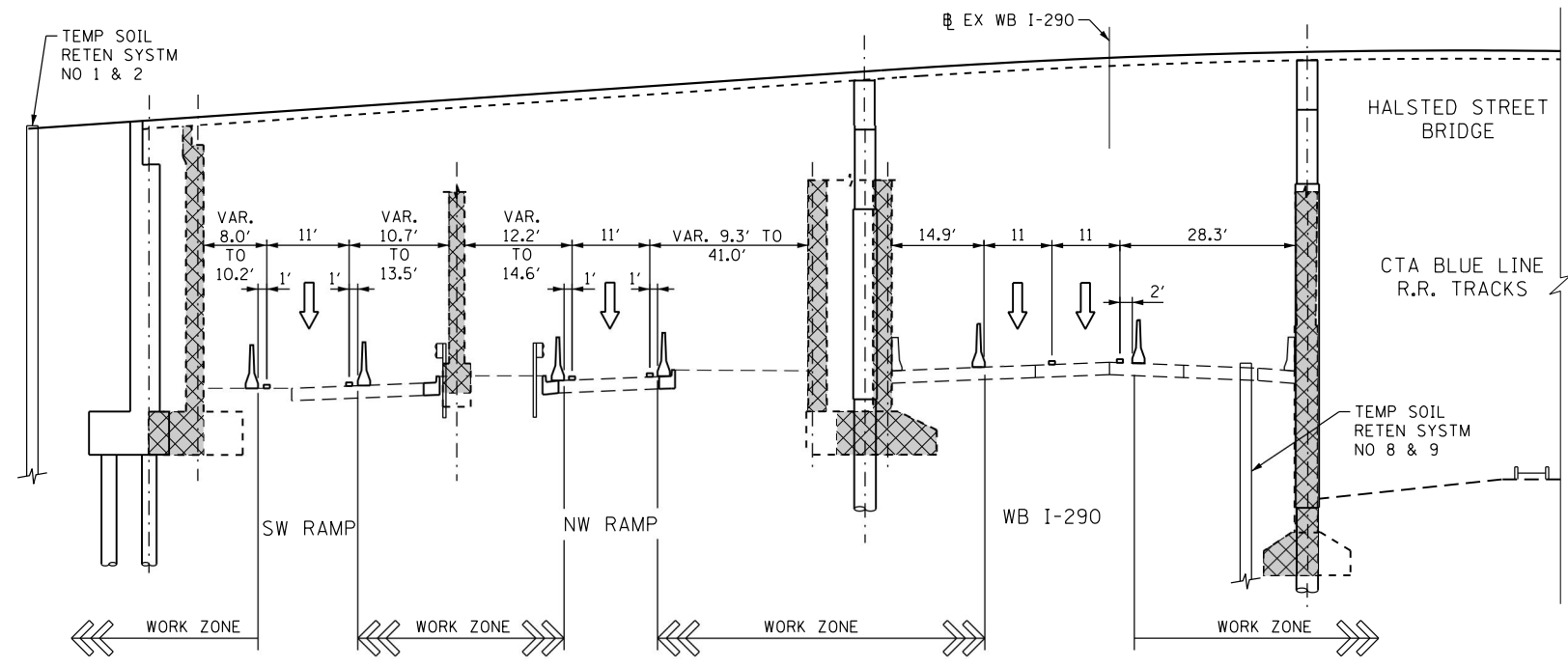
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
 SCHEDULES**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	64A
CONTRACT NO. 60W26				
ILLINOIS FED. AID PROJECT				

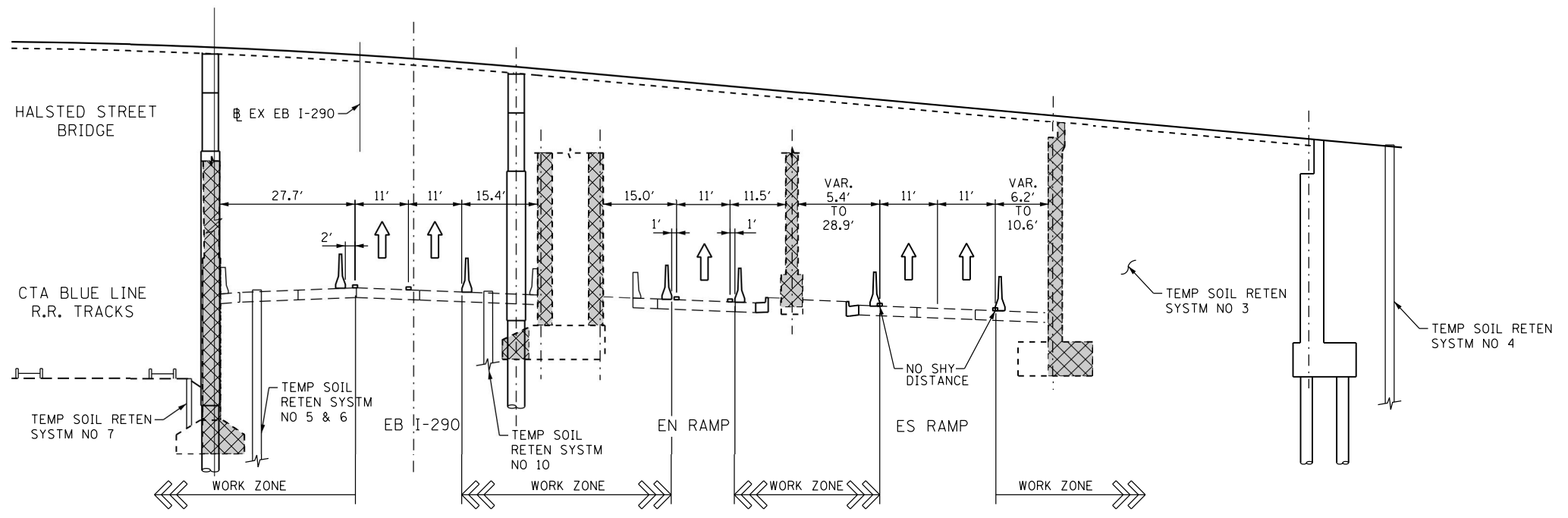
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**I-290 EXPRESSWAY UNDER NORTH HALF HALSTED STREET BRIDGE
(LOOKING EAST)
MAINTENANCE OF TRAFFIC - STAGE 1A
TYPICAL SECTION**

- LEGEND**
- WORK ZONE
 - TEMPORARY IMPACT ATTENUATOR
 - TEMPORARY CONCRETE BARRIER
 - TYPE II BARRICADES OR DRUMS WITH STEADY BURN LIGHT (AT SPECIFIED SPACING)
 - TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
 - DIRECTION OF TRAFFIC FLOW SIGN
 - VERTICAL PANEL WITH STEADY BURNING LIGHT (AT SPECIFIED SPACING)
 - ARROW BOARD
 - TYPE III BARRICADE
 - BARRICADE OR DRUM WITH FLASHING LIGHT
 - DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE
 - TEMPORARY PAVEMENT MARKING
 - REMOVAL LIMITS
 - TEMPORARY PAVEMENT

NOTE:
FOR TEMPORARY SOIL RETENTION SYSTEM
DETAILS SEE STRUCTURAL PLANS



**I-290 EXPRESSWAY UNDER SOUTH HALF HALSTED STREET BRIDGE
(LOOKING EAST)
MAINTENANCE OF TRAFFIC - STAGE 1A
TYPICAL SECTION**



DI60W26-sht-Staging-Typ-01
USER NAME = pimsarno
PLOT SCALE = 15.0000' / 1"
PLOT DATE = 9/15/2013

DESIGNED - KAM
DRAWN - PHP
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DATE - 9/15/13

REVISED -
REVISED -
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REVISED -
















STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

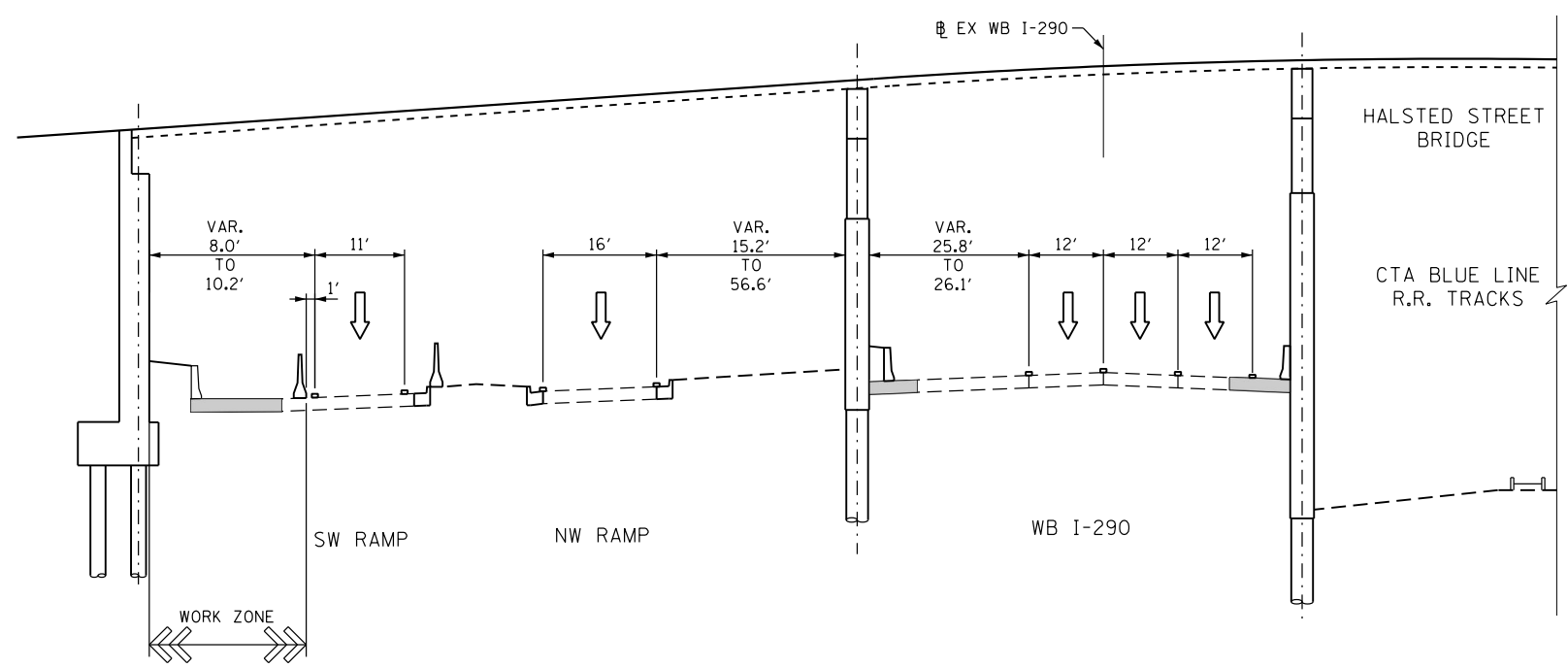
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
TYPICAL SECTIONS

SCALE: NONE SHEET 1 OF 5 SHEETS STA. TO STA.

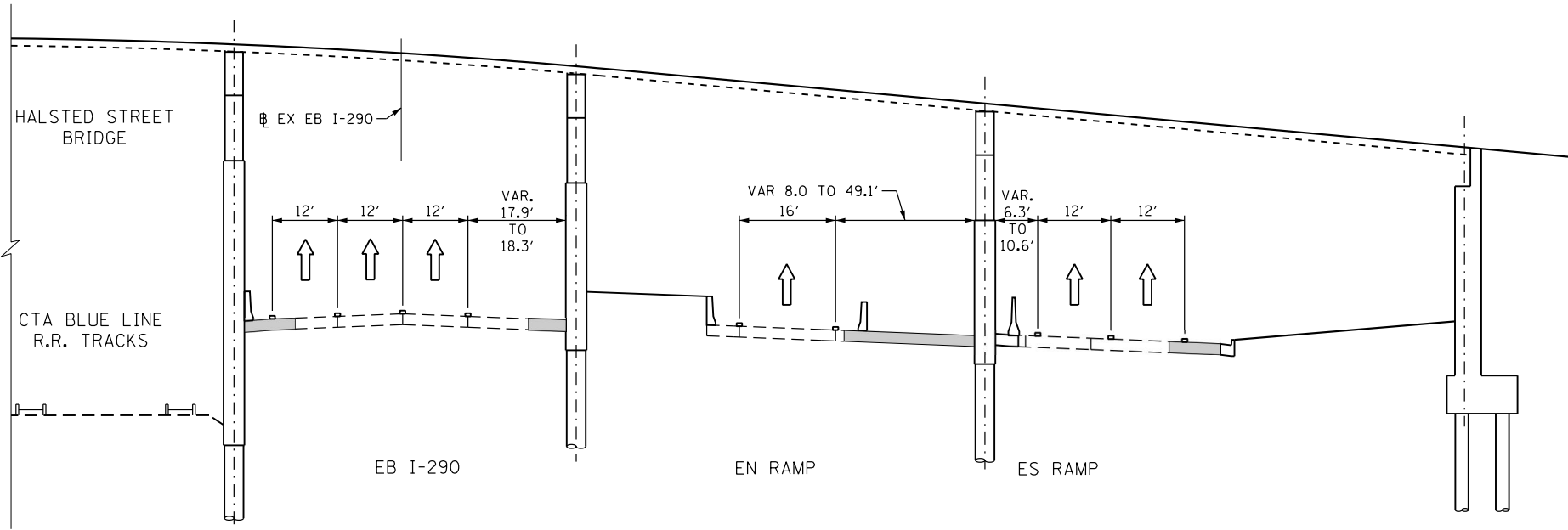
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	65
CONTRACT NO. 60W26				
ILLINOIS FED. AID PROJECT				

NOTE:
FOR TEMPORARY SOIL RETENTION SYSTEM
DETAILS SEE STRUCTURAL PLANS

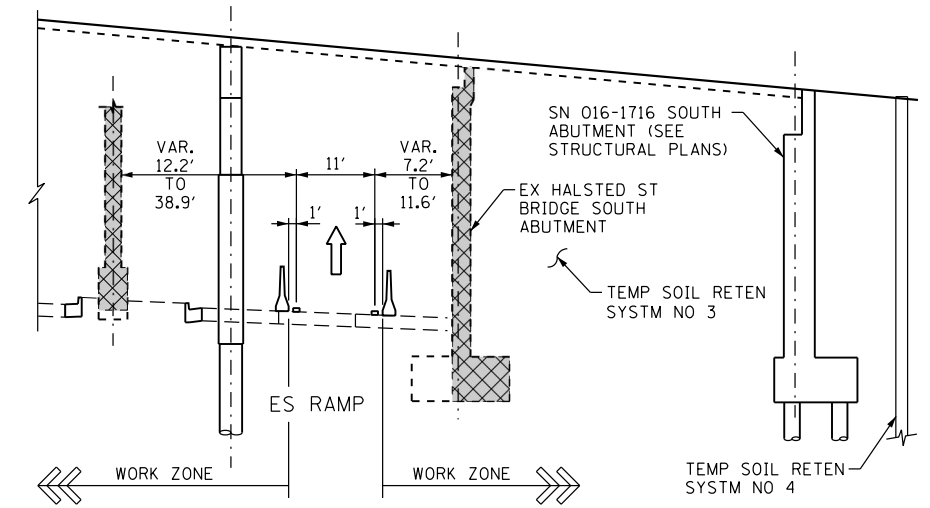
- LEGEND**
-  WORK ZONE
 -  TEMPORARY IMPACT ATTENUATOR
 -  TEMPORARY CONCRETE BARRIER
 -  TYPE II BARRICADES OR DRUMS WITH STEADY BURN LIGHT (AT SPECIFIED SPACING)
 -  TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
 -  DIRECTION OF TRAFFIC FLOW
 -  SIGN
 -  VERTICAL PANEL WITH STEADY BURNING LIGHT (AT SPECIFIED SPACING)
 -  ARROW BOARD
 -  TYPE III BARRICADE
 -  BARRICADE OR DRUM WITH FLASHING LIGHT
 -  DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE
 -  TEMPORARY PAVEMENT MARKING
 -  REMOVAL LIMITS
 -  TEMPORARY PAVEMENT



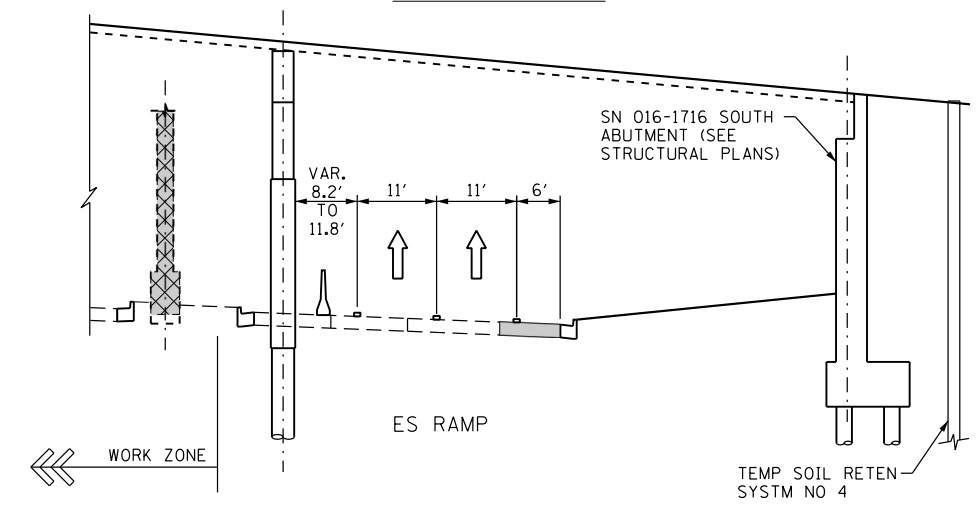
**I-290 EXPRESSWAY UNDER NORTH HALF HALSTED STREET BRIDGE
(LOOKING EAST)
MAINTENANCE OF TRAFFIC - 3A-3C
TYPICAL SECTION**



**I-290 EXPRESSWAY UNDER SOUTH HALF HALSTED STREET BRIDGE
(LOOKING EAST)
MAINTENANCE OF TRAFFIC - 3A-3C
TYPICAL SECTION**



**DETAIL A
STAGE 1B AND 2A**



**DETAIL B
STAGE 2B**

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D160W26-sht-Staging-Typ-01A
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PLOT SCALE = 15.0000' / in.
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DATE - 9/15/13	REVISED -

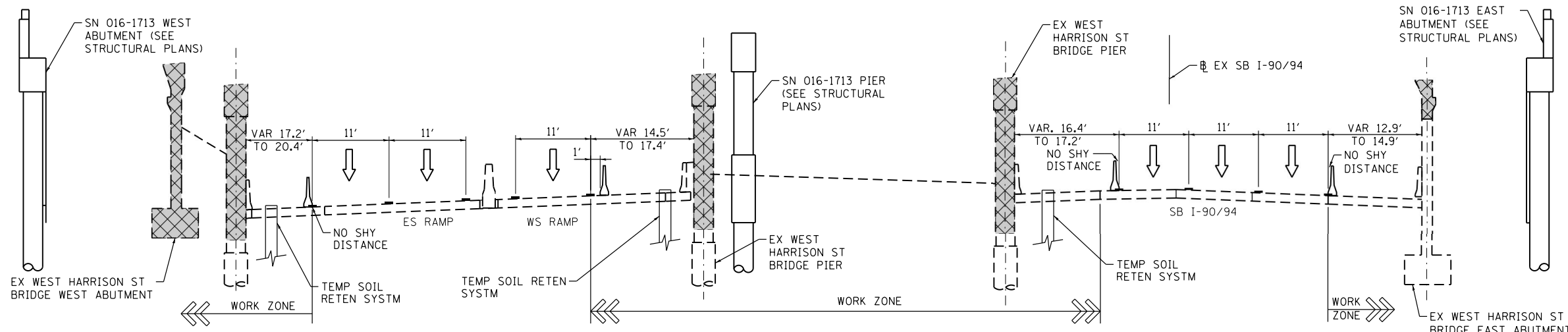
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
TYPICAL SECTIONS**

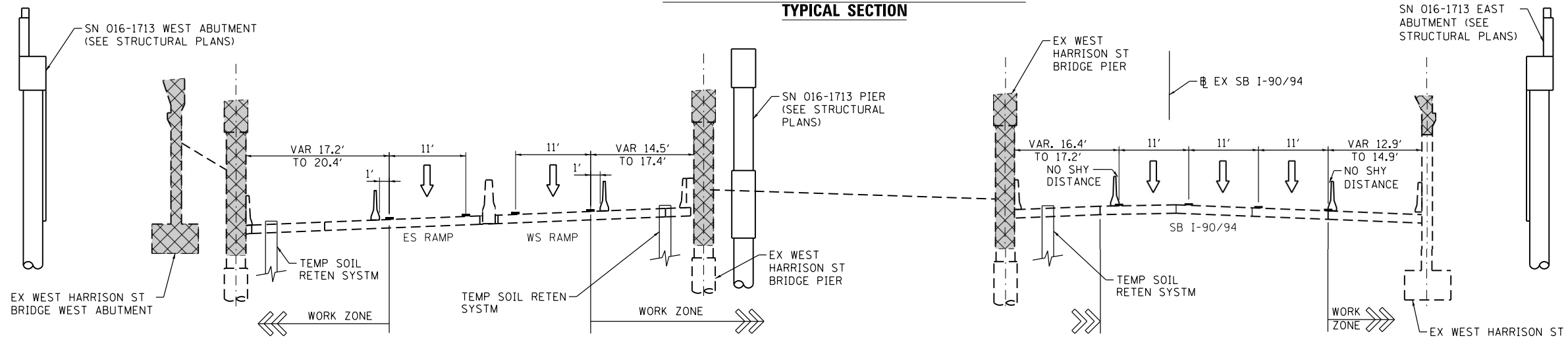
SCALE: NONE	SHEET 2 OF 5 SHEETS	STA. TO STA.
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F.A.I. RTE. 90/94/290	SECTION 2013-008R	COUNTY COOK	TOTAL SHEETS 559	SHEET NO. 65A
CONTRACT NO. 60W26				
ILLINOIS FED. AID PROJECT				

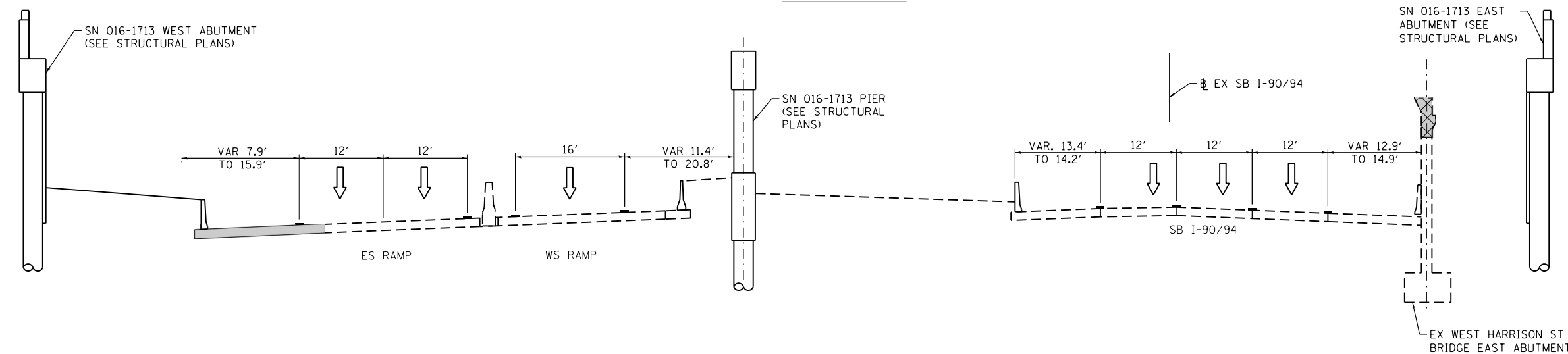
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**SB I-90/94, ES RAMP AND WS RAMP UNDER EX HARRISON STREET BRIDGE
(LOOKING NORTH)
MAINTENANCE OF TRAFFIC – STAGE 1A AND 2B
TYPICAL SECTION**



**SB I-90/94, ES RAMP AND WS RAMP UNDER EX HARRISON STREET BRIDGE
(LOOKING NORTH)
MAINTENANCE OF TRAFFIC – STAGE 1B AND 2A
TYPICAL SECTION**



**SB I-90/94, ES RAMP AND WS RAMP UNDER EX HARRISON STREET BRIDGE
(LOOKING NORTH)
MAINTENANCE OF TRAFFIC – STAGE 3A-AC
TYPICAL SECTION**

LEGEND

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN LIGHT (AT SPECIFIED SPACING)
- TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
- DIRECTION OF TRAFFIC FLOW
- SIGN
- VERTICAL PANEL WITH STEADY BURNING LIGHT (AT SPECIFIED SPACING)
- ARROW BOARD
- TYPE III BARRICADE
- BARRICADE OR DRUM WITH FLASHING LIGHT
- DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE
- TEMPORARY PAVEMENT MARKING
- REMOVAL LIMITS
- TEMPORARY PAVEMENT



D160W26-sh-t-Staging-Typ-02
USER NAME = pimsarno
PLOT SCALE = 50.0000' / in.
PLOT DATE = 9/15/2013

DESIGNED - KAM/OPS
DRAWN - KAM/OPS
CHECKED - DBM
DATE - 9/15/13

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**















**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
TYPICAL SECTIONS**

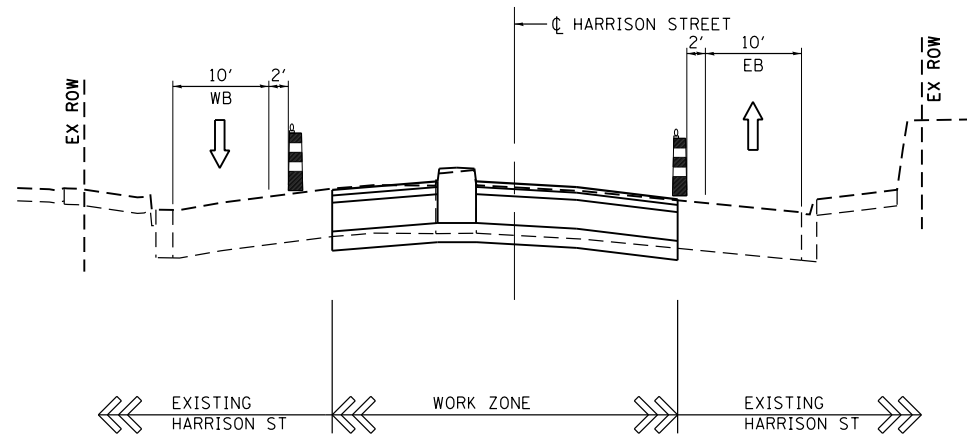
SCALE: 1" = 50' SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	66
CONTRACT NO. 60W26				
ILLINOIS FED. AID PROJECT				

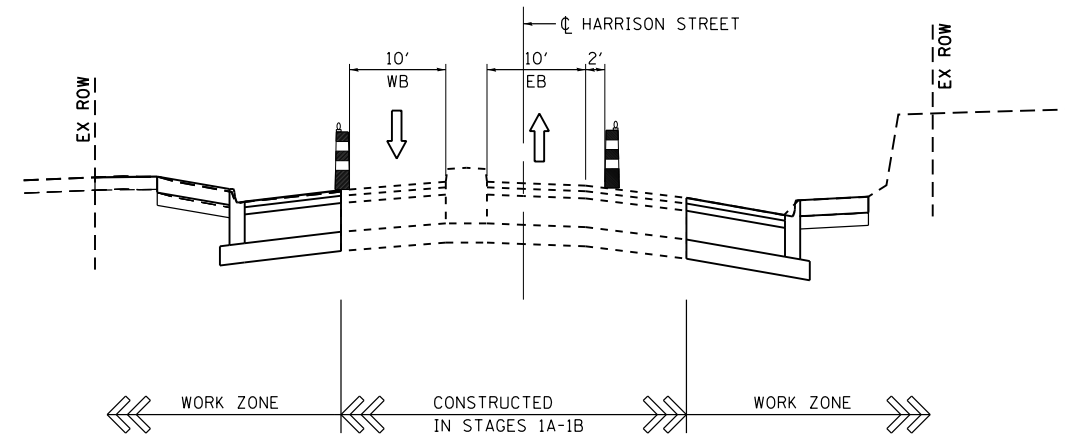
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LEGEND

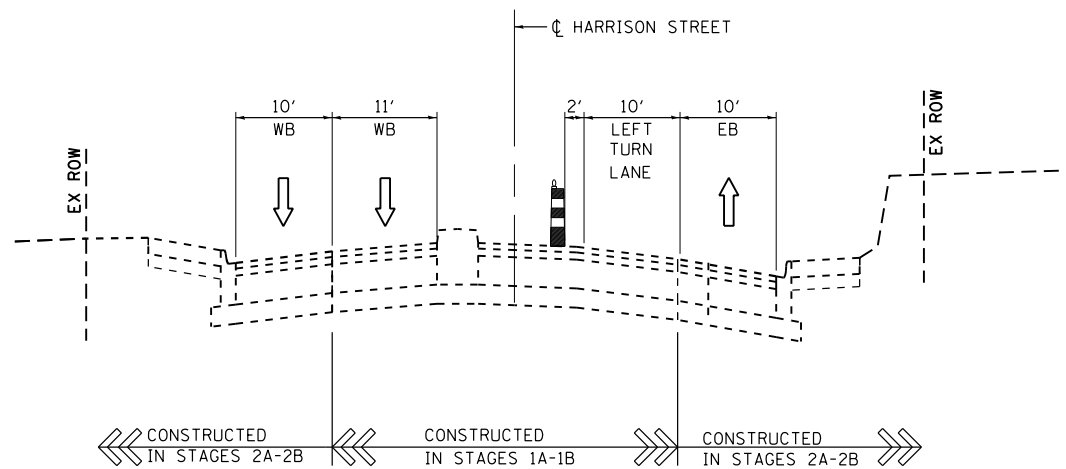
-  WORK ZONE
-  TEMPORARY IMPACT ATTENUATOR
-  TEMPORARY CONCRETE BARRIER
-  TYPE II BARRICADES OR DRUMS WITH STEADY BURN LIGHT (AT SPECIFIED SPACING)
-  TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
-  DIRECTION OF TRAFFIC FLOW SIGN
-  VERTICAL PANEL WITH STEADY BURNING LIGHT (AT SPECIFIED SPACING)
-  ARROW BOARD
-  TYPE III BARRICADE
-  BARRICADE OR DRUM WITH FLASHING LIGHT
-  DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE
-  TEMPORARY PAVEMENT MARKING
-  REMOVAL LIMITS
-  TEMPORARY PAVEMENT



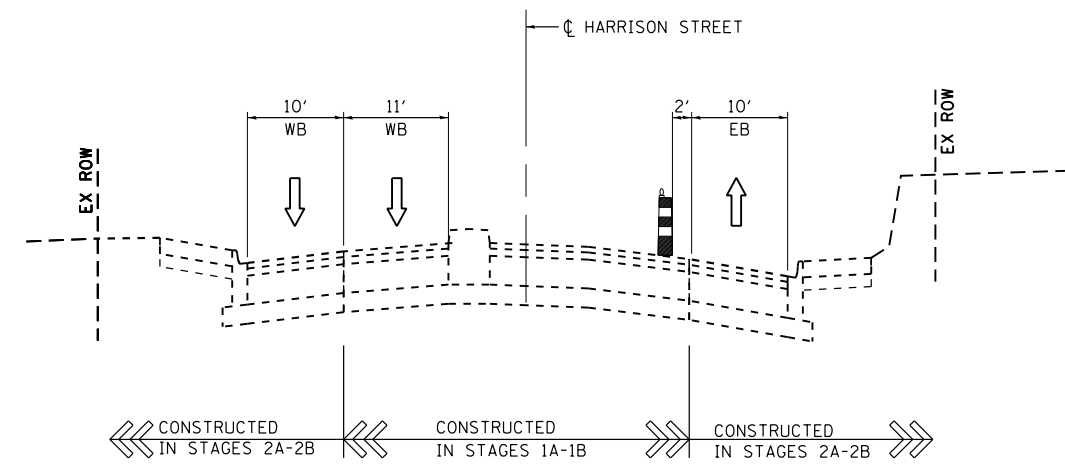
**STAGES 1A-1B HARRISON STREET
MAINTENANCE OF TRAFFIC
TYPICAL SECTION**



**STAGES 2A-2B HARRISON STREET
MAINTENANCE OF TRAFFIC
TYPICAL SECTION**



**STAGE 3A HARRISON STREET
MAINTENANCE OF TRAFFIC
TYPICAL SECTION**



**STAGES 3B-3C HARRISON STREET
MAINTENANCE OF TRAFFIC
TYPICAL SECTION**



DI60W26-sht-Staging-Typ-03
USER NAME = pimsarno
PLOT SCALE = 50.0000' / 1"
PLOT DATE = 9/15/2013

DESIGNED - OPS
DRAWN - OPS
CHECKED - DBM
DATE - 9/15/13

REVISED -
REVISED -
REVISED -
REVISED -

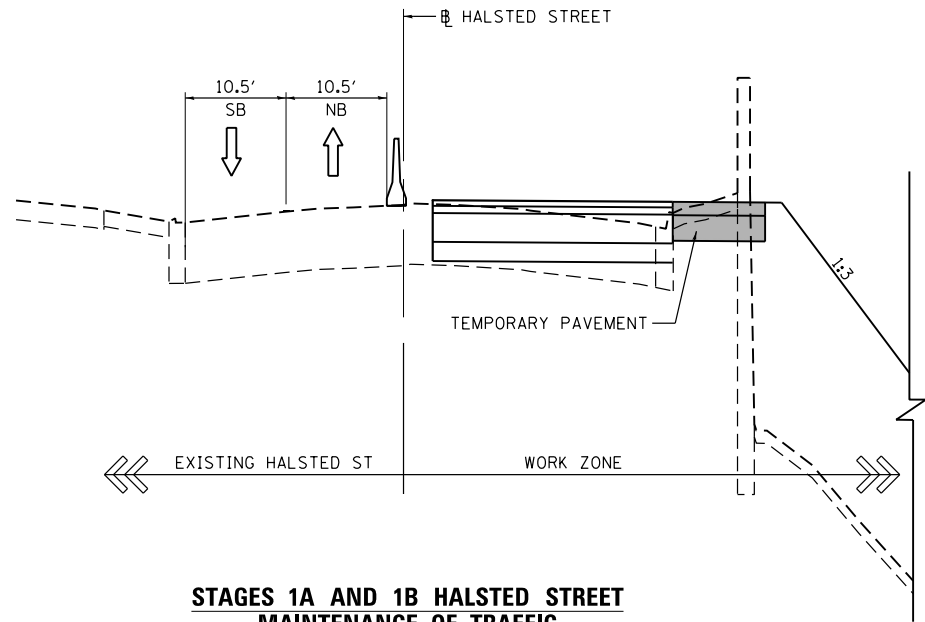
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
TYPICAL SECTIONS**

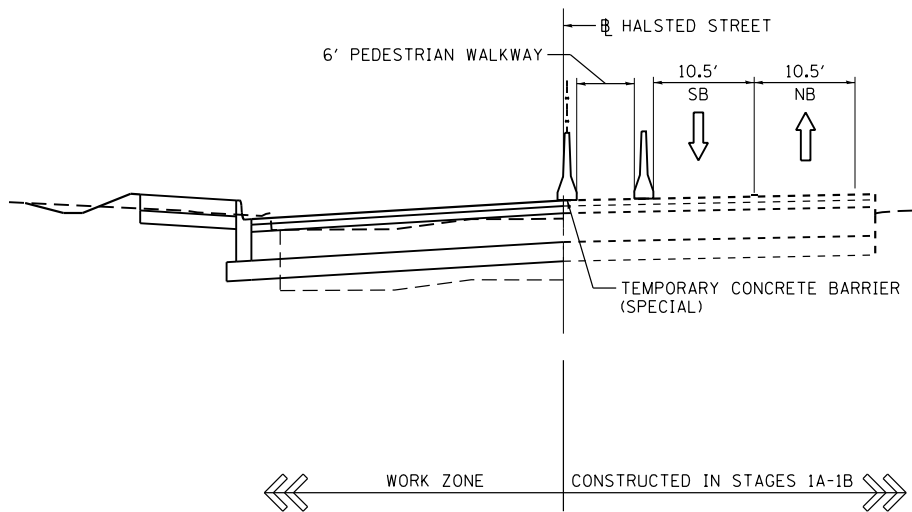
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	67
CONTRACT NO. 60W26			ILLINOIS FED. AID PROJECT	

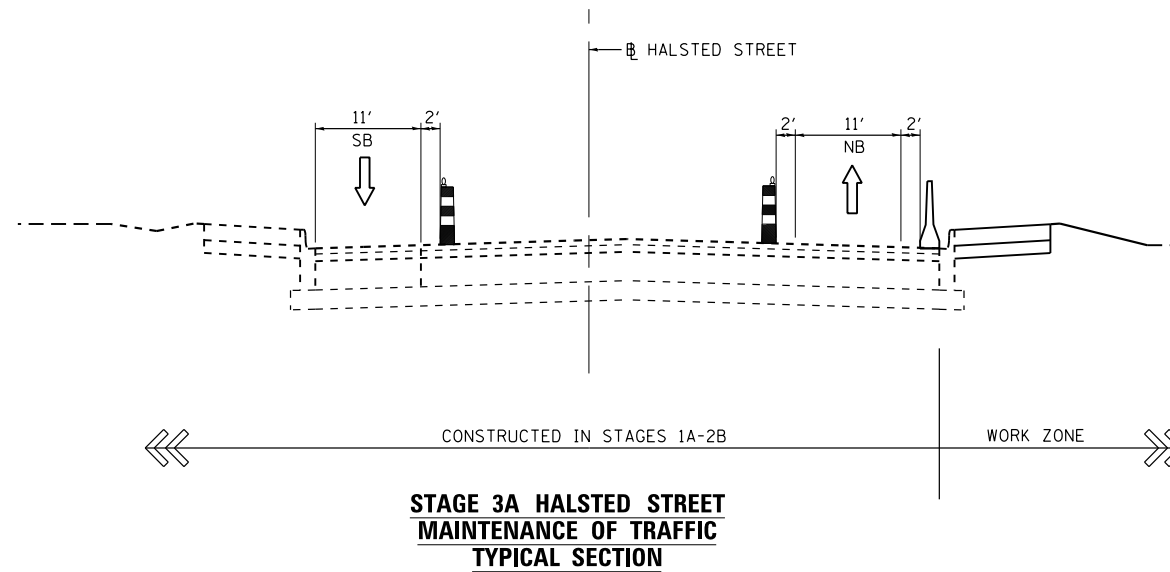
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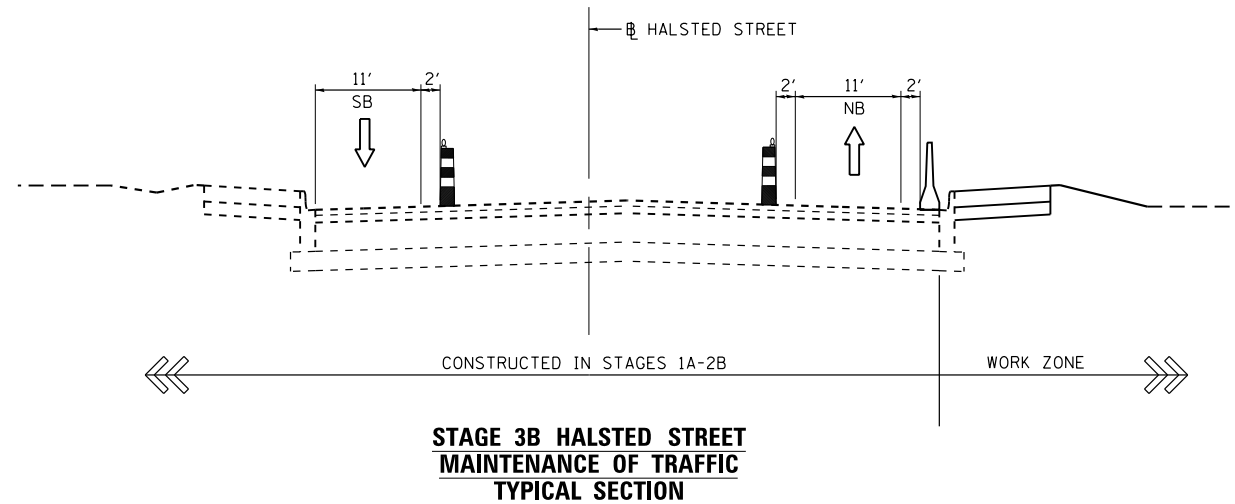
**STAGES 1A AND 1B HALSTED STREET
MAINTENANCE OF TRAFFIC
TYPICAL SECTION**



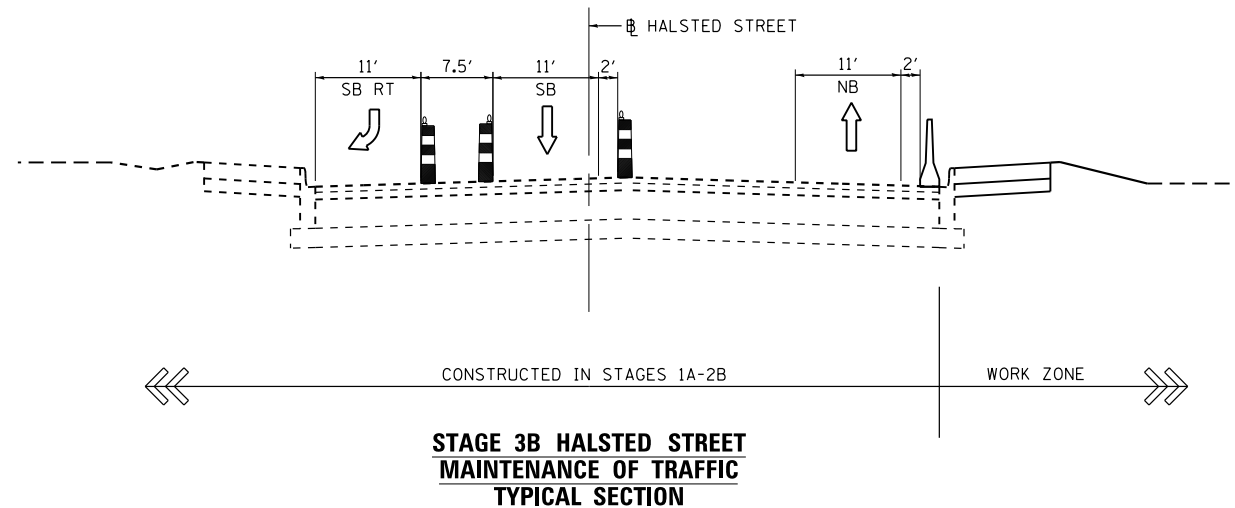
**STAGE 2A AND 2B HALSTED STREET
MAINTENANCE OF TRAFFIC
TYPICAL SECTION**



**STAGE 3A HALSTED STREET
MAINTENANCE OF TRAFFIC
TYPICAL SECTION**



**STAGE 3B HALSTED STREET
MAINTENANCE OF TRAFFIC
TYPICAL SECTION**



**STAGE 3B HALSTED STREET
MAINTENANCE OF TRAFFIC
TYPICAL SECTION**

LEGEND

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN LIGHT (AT SPECIFIED SPACING)
- TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
- DIRECTION OF TRAFFIC FLOW SIGN
- VERTICAL PANEL WITH STEADY BURNING LIGHT (AT SPECIFIED SPACING)
- ARROW BOARD
- TYPE III BARRICADE
- BARRICADE OR DRUM WITH FLASHING LIGHT
- DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE
- TEMPORARY PAVEMENT MARKING
- REMOVAL LIMITS
- TEMPORARY PAVEMENT



DI60W26-sh-t-Staging-Typ-04
 USER NAME = pimsarno
 PLOT SCALE = 50.0000' / in.
 PLOT DATE = 9/15/2013

DESIGNED - OPS
 DRAWN - OPS
 CHECKED - DBM
 DATE - 9/15/13

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
 TYPICAL SECTIONS**

SCALE: NONE SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	68
CONTRACT NO. 60W26				
ILLINOIS FED. AID PROJECT				

TRAFFIC CONTROL LAYOUT INFORMATION

STAGE 1A

POINT	BASELINE	STATION	OFFSET	LT/RT
1	E-IKE-WB	348+56.1	25.6	LT
2	E-IKE-WB	349+12.6	15.0	LT
3	E-IKE-WB	350+17.8	38.8	LT
4	E-IKE-WB	351+30.1	73.6	LT
5	E-IKE-WB	351+27.6	87.0	LT
6	E-CIR-NW	23+30.6	6.7	LT
7	E-CIR-NW	21+77.4	7.0	LT
8	E-CIR-NW	20+64.4	10.2	LT
9	E-CIR-NW	19+00.0	10.0	LT
10	E-CIR-NW	19+00.0	6.0	LT
11	E-IKE-EB	347+37.3	48.3	RT
12	E-IKE-EB	347+85.1	31.4	RT
13	E-IKE-EB	348+25.9	15.3	LT
14	E-IKE-EB	350+48.8	7.0	LT
15	E-IKE-EB	350+29.0	66.2	RT
16	E-IKE-EB	350+99.5	76.2	RT
17	E-CIR-ES	106+65.0	12.0	LT
18	E-IKE-EB	352+81.7	75.9	RT
19	E-KDR-SB	24+82.1	8.0	LT
20	E-KDR-SB	19+18.4	9.1	RT
21	E-KDR-SB	19+56.0	0.6	LT
22	E-IKE-EB	353+60.0	7.0	LT
23	E-IKE-EB	355+84.1	11.0	LT
24	E-KDR-SB	13+15.0	10.7	LT
25	E-IKE-EB	357+04.1	11.4	RT
26	E-IKE-EB	357+04.1	12.6	LT
27	E-IKE-EB	358+03.0	25.3	LT
28	E-IKE-WB	353+30.0	14.1	RT
29	E-IKE-WB	353+97.2	12.0	RT
30	E-IKE-WB	355+00.0	12.0	RT
31	E-IKE-WB	356+42.5	13.9	RT
32	E-IKE-WB	359+66.2	18.3	RT
33	E-CIR-EN	13+09.5	19.2	LT
34	E-CIR-EN	13+40.6	14.6	LT
35	E-CIR-EN	15+91.7	4.0	LT

STAGE 1B

POINT	BASELINE	STATION	OFFSET	LT/RT
1	E-IKE-EB	347+90.5	43.3	RT
2	E-IKE-EB	349+99.4	50.8	RT
3	E-IKE-EB	350+29.0	66.2	RT
4	E-IKE-EB	350+27.4	77.1	RT
5	E-IKE-EB	350+30.5	55.3	RT
6	E-IKE-EB	350+46.3	79.6	RT
7	E-IKE-EB	350+48.8	7.0	LT
8	E-IKE-EB	351+76.0	65.3	LT
9	E-IKE-EB	352+81.7	64.9	RT
10	E-CIR-ES	106+64.5	6.0	LT
11	E-CIR-ES	107+27.0	8.9	RT
12	E-CIR-ES	107+77.6	1.7	LT
13	E-CIR-ES	107+78.0	9.3	RT
14	E-CIR-WS	24+82.1	10.0	RT
15	E-CIR-WS	24+98.1	7.5	LT
16	E-CIR-WS	19+18.4	9.1	RT
17	E-KDR-SB	13+35.0	10.7	LT
18	E-KDR-SB	12+00.0	7.7	LT
19	E-IKE-EB	355+84.1	11.0	LT
20	E-IKE-EB	357+04.1	12.6	LT
21	E-IKE-EB	358+03.0	25.3	LT
22	E-IKE-WB	348+55.7	37.6	LT
23	E-IKE-WB	349+12.6	15.9	LT
24	E-IKE-WB	350+19.7	27.1	LT
25	E-IKE-WB	350+96.9	40.2	LT
26	E-IKE-WB	351+15.3	43.3	LT
27	E-IKE-WB	350+18.0	38.3	LT
28	E-IKE-WB	350+97.9	58.8	LT
29	E-IKE-WB	351+29.9	73.5	LT
30	E-CIR-SW	19+05.1	2.0	LT
31	E-CIR-NW	21+77.3	7.8	LT
32	E-CIR-NW	20+63.9	10.0	LT
33	E-CIR-NW	19+00.0	10.0	LT
34	E-IKE-WB	350+74.6	12.0	LT
35	E-IKE-WB	350+74.6	14.7	RT

STAGE 1B CONTINUED

36	E-IKE-WB	352+47.2	12.0	RT
37	E-IKE-WB	353+50.0	12.0	LT
38	E-IKE-WB	353+97.3	12.0	RT
39	E-IKE-WB	355+00.0	12.0	RT
40	E-IKE-WB	356+42.5	13.9	RT
41	E-IKE-WB	359+66.2	18.3	RT
42	E-IKE-WB	353+60.0	7.0	LT
43	E-CIR-ES	114+39.8	12.0	LT
44	E-CIR-ES	112+15.7	12.0	LT
45	E-CIR-ES	112+15.9	17.8	LT
46	E-CIR-ES	112+05.0	28.9	LT
47	E-KDR-SB	6+96.3	17.2	LT
48	E-KDR-SB	8+30.1	7.7	LT
49	E-KDR-SB	8+30.1	25.3	RT
50	E-KDR-SB	9+39.1	25.3	RT
51	E-KDR-SB	10+50.0	25.3	RT
52	E-CIR-ES	110+95.5	12.0	LT

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D160W26-sht-Staging-ML-03A
 USER NAME = pimsarno
 PLOT SCALE = 100.0000' / in.
 PLOT DATE = 9/15/2013

DESIGNED - OPS
 DRAWN - OPS
 CHECKED - DBM
 DATE - 9/15/13

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
 LAYOUT INFORMATION**

SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	69
CONTRACT NO. 60W26				
ILLINOIS FED. AID PROJECT				

TRAFFIC CONTROL LAYOUT INFORMATION

STAGE 2B

POINT	BASELINE	STATION	OFFSET	LT/RT
1	E-IKE-EB	348+25.9	15.3	LT
2	E-IKE-EB	350+48.8	7.0	LT
3	E-IKE-EB	347+96.0	55.1	RT
4	E-IKE-EB	349+99.4	50.8	RT
5	E-IKE-EB	350+29.0	66.2	RT
6	E-IKE-EB	350+30.5	55.3	RT
7	E-IKE-EB	350+64.3	71.2	RT
8	E-IKE-EB	350+61.2	93.0	RT
9	E-IKE-EB	352+19.9	146.0	RT
10	E-CIR-ES	108+15.5	1.0	RT
11	E-IKE-EB	350+02.2	16.6	RT
12	E-IKE-EB	352+81.7	64.9	RT
13	E-CIR-SW	24+82.1	10.0	RT
14	E-CIR-WS	24+98.1	10.0	RT
15	E-CIR-WS	24+82.1	8.0	LT
16	E-CIR-WS	24+98.1	7.5	LT
17	E-CIR-WS	19+18.4	9.1	RT
18	E-KDR-SB	12+00.0	7.7	LT
19	E-IKE-EB	353+60.0	7.0	LT
20	E-IKE-EB	357+04.1	12.6	LT
21	E-IKE-EB	358+03.0	25.3	LT
22	E-CIR-SW	23+33.1	8.5	RT
23	E-CIR-SW	22+93.1	6.9	RT
24	E-CIR-SW	23+34.5	4.3	RT
25	E-CIR-SW	21+76.6	6.7	RT
26	E-CIR-SW	22+97.0	4.9	LT
27	E-CIR-SW	22+82.9	5.4	LT
28	E-IKE-WB	350+74.6	12.0	LT
29	E-IKE-WB	350+96.9	40.2	LT
30	E-CIR-NW	23+30.6	6.7	LT
31	E-IKE-WB	353+50.0	12.0	LT
32	E-IKE-WB	353+97.3	12.0	RT
33	E-IKE-WB	354+50.4	22.8	RT
34	E-IKE-WB	355+00.0	12.0	RT
35	E-IKE-WB	356+42.5	13.9	RT
36	E-IKE-WB	359+66.2	18.3	RT
37	E-CIR-NW	21+77.4	4.0	RT
38	E-CIR-NW	21+52.3	5.4	RT
39	E-CIR-NW	21+28.0	14.7	LT
40	E-CIR-NW	20+87.5	10.0	RT
41	E-CIR-NW	20+75.0	1.2	RT

STAGE 2B CONTINUED

42	E-CIR-SW	20+00.6	5.1	LT
43	E-CIR-SW	19+49.9	10.4	RT
44	E-CIR-SW	19+23.2	12.0	LT
45	E-CIR-SW	19+05.9	9.0	RT
46	E-CIR-SW	18+99.5	15.2	RT
47	E-IKE-EB	351+60.5	95.1	RT
48	E-IKE-EB	350+93.9	57.0	RT
49	E-IKE-EB	351+31.1	62.3	RT
50	E-IKE-EB	351+76.0	65.3	RT
51	E-KDR-SB	6+96.3	17.2	LT
52	E-KDR-SB	7+39.2	2.9	LT
53	E-KDR-SB	7+90.9	13.7	RT
54	E-KDR-SB	8+30.1	25.3	RT
55	E-KDR-SB	8+30.1	7.7	LT
56	E-KDR-SB	10+50.0	25.3	RT
57	E-CIR-ES	112+15.1	13.0	LT
58	E-CIR-ES	112+05.0	28.9	LT

STAGES 3A-3C

POINT	BASELINE	STATION	OFFSET	LT/RT
1	E-CIR-SW	23+33.1	8.5	RT
2	E-CIR-SW	22+90.4	6.8	RT
3	E-CIR-SW	22+35.4	6.3	RT
4	E-CIR-SW	21+25.9	1.0	RT
5	E-CIR-SW	19+49.9	3.0	RT
6	E-CIR-SW	18+99.7	7.0	RT
7	E-CIR-SW	22+91.0	5.2	LT
8	E-CIR-SW	21+97.2	9.2	LT
9	E-CIR-SW	22+86.1	5.5	LT
10	E-CIR-NW	23+29.7	5.8	RT
11	E-CIR-NW	22+97.2	7.0	RT
12	E-CIR-NW	21+70.0	7.0	RT
13	E-CIR-NW	20+73.3	7.0	RT
14	E-CIR-NW	19+07.3	7.0	RT
15	E-IKE-WB	348+15.8	12.0	LT
16	E-CIR-NW	23+52.5	10.0	RT
17	E-CIR-NW	23+25.8	9.0	LT
18	E-CIR-NW	20+63.9	9.0	LT
19	E-IKE-WB	350+97.6	12.0	LT
20	E-IKE-WB	353+50.0	12.0	LT
21	E-IKE-EB	347+46.3	12.4	RT
22	E-IKE-EB	349+96.3	12.3	RT
23	E-IKE-EB	358+03.1	12.0	RT
24	E-IKE-EB	349+80.6	46.5	RT
25	E-IKE-EB	349+94.7	48.5	RT
26	E-IKE-EB	352+81.7	61.9	RT
27	E-CIR-ES	105+19.8	11.4	LT
28	E-CIR-EN	14+48.6	7.4	RT
29	E-CIR-EN	15+53.8	11.0	RT
30	E-CIR-ES	106+38.7	8.9	LT
31	E-CIR-ES	102+75.9	13.0	RT
32	E-CIR-ES	105+72.4	12.1	RT
33	E-CIR-ES	107+42.8	22.7	RT
34	E-CIR-ES	108+00.4	23.9	RT
35	E-CIR-ES	114+40.2	12.0	RT
36	E-CIR-ES	112+87.6	11.6	RT
37	E-CIR-ES	111+53.3	12.7	LT
38	E-CIR-ES	112+73.6	15.7	LT
39	E-CIR-ES	112+05.0	17.9	LT
40	E-CIR-ES	111+53.3	18.5	LT
41	E-KDR-SB	6+96.3	17.2	LT
42	E-KDR-SB	8+48.7	10.7	LT
43	E-KDR-SB	7+40.0	1.3	RT
44	E-KDR-SB	7+84.7	13.3	RT
45	E-KDR-SB	8+30.1	25.3	RT
46	E-KDR-SB	10+50.0	25.3	RT

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D160W26-sht-Staging-ML-03B
 USER NAME = pimsarno
 PLOT SCALE = 100.0000' / in.
 PLOT DATE = 9/15/2013

DESIGNED - OPS
 DRAWN - OPS
 CHECKED - DBM
 DATE - 9/15/13

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

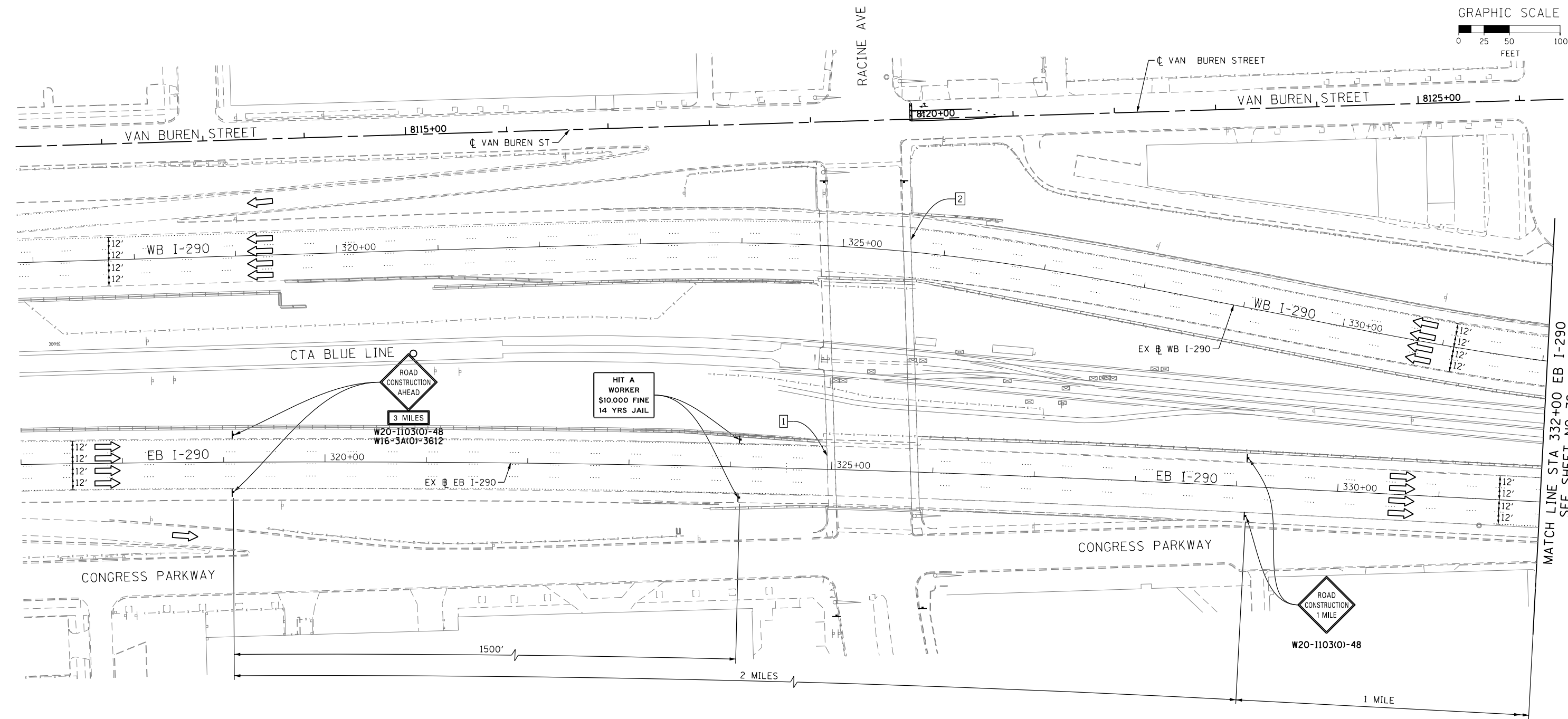
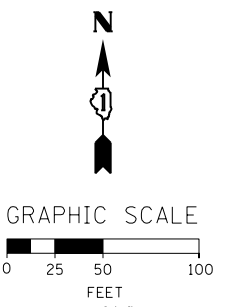
**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
 LAYOUT INFORMATION**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	70
CONTRACT NO. 60W26				
ILLINOIS FED. AID PROJECT				

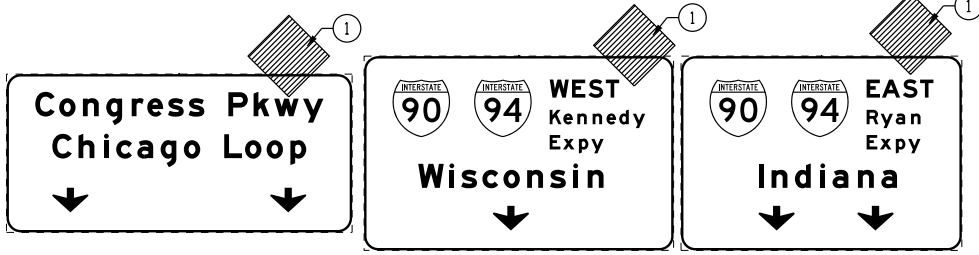
NOTE:

- UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS USED ARE TAKEN FROM EXISTING EB AND WB I-290 BASELINES.
- FOR LEGEND SEE SHEET NO. 65

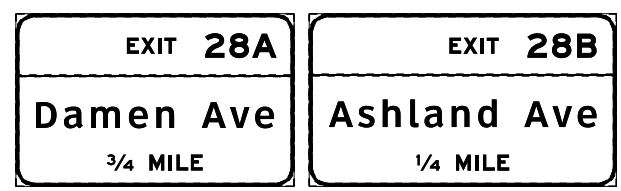


MATCH LINE STA 332+00 EB I-290
SEE SHEET NO. 72

1 EXISTING OVERHEAD SIGNS TO REMAIN



2 EXISTING OVERHEAD SIGNS TO REMAIN



D160W26-Sht-StagingIA-ML-01
 USER NAME = pimsarno
 PLOT SCALE = 50.0000' / in.
 PLOT DATE = 9/15/2013

DESIGNED - OPS	REVISED -
DRAWN - PHP	REVISED -
CHECKED - DBM	REVISED -
DATE - 9/15/13	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
 MAINLINE STAGING 1A
 SCALE: 1" = 50' SHEET 1 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	71
CONTRACT NO. 60W26				
ILLINOIS FED. AID PROJECT				

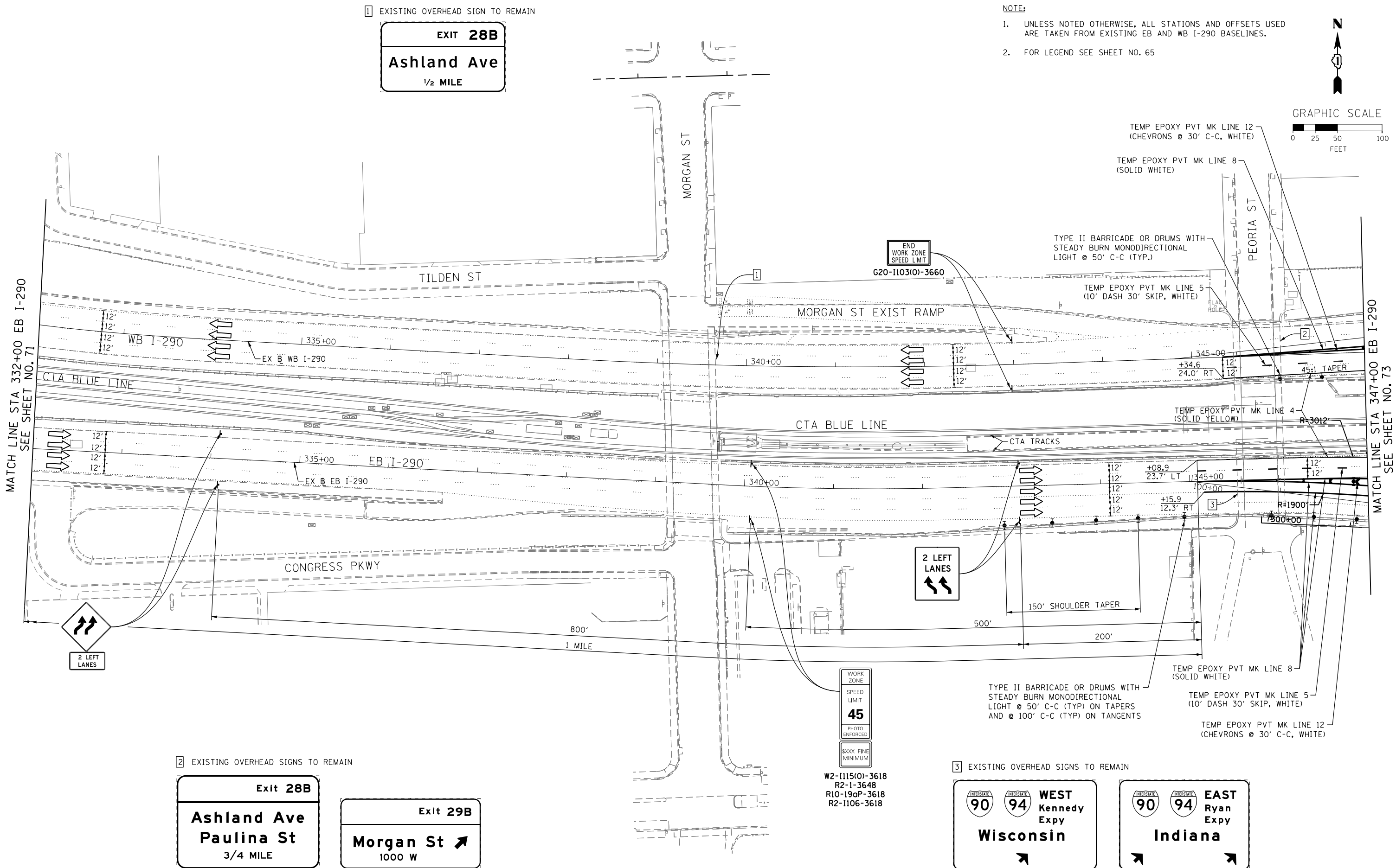
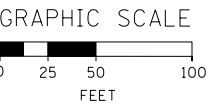
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1 EXISTING OVERHEAD SIGN TO REMAIN

EXIT **28B**
Ashland Ave
 1/2 MILE

NOTE:

- UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS USED ARE TAKEN FROM EXISTING EB AND WB I-290 BASELINES.
- FOR LEGEND SEE SHEET NO. 65



2 EXISTING OVERHEAD SIGNS TO REMAIN

Exit **28B**
Ashland Ave
Paulina St
 3/4 MILE

Exit **29B**
Morgan St ↗
 1000 W

3 EXISTING OVERHEAD SIGNS TO REMAIN

90 94 **WEST**
 Kennedy
 Expy
Wisconsin

90 94 **EAST**
 Ryan
 Expy
Indiana

WORK ZONE
 SPEED LIMIT
45
 PHOTO ENFORCED
 SXXX FINE MINIMUM

W2-1115(0)-3618
 R2-1-3648
 R10-19aP-3618
 R2-1106-3618

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
 MAINLINE STAGING 1A

SCALE: 1" = 50' SHEET 2 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	72
CONTRACT NO. 60W26				
ILLINOIS FED. AID PROJECT				



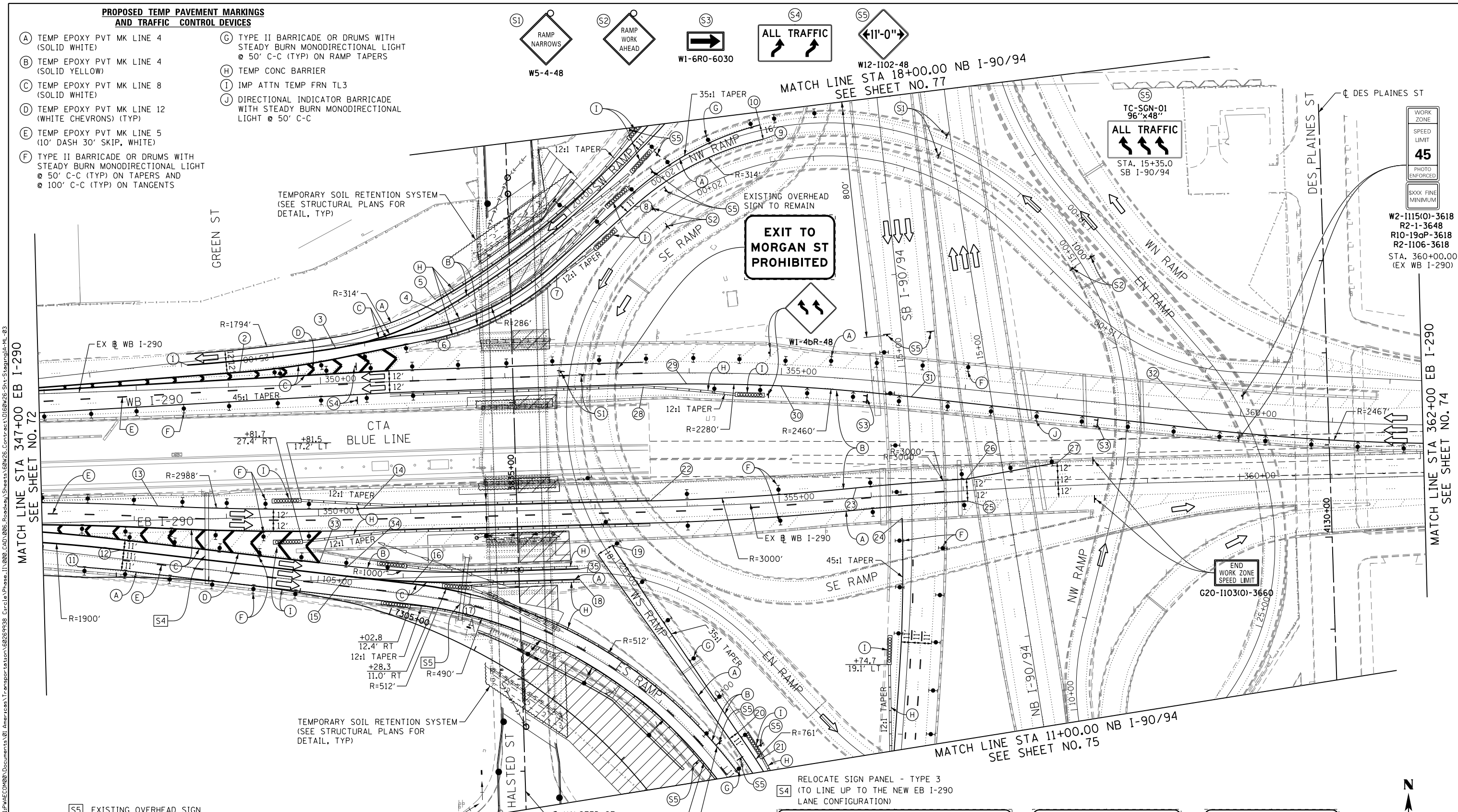
D160W26-Sht-Staging1A-ML-02
 USER NAME = pimsarno
 PLOT SCALE = 50.0000' / in.
 PLOT DATE = 9/15/2013

DESIGNED - OPS	REVISED -
DRAWN - PHP	REVISED -
CHECKED - DBM	REVISED -
DATE - 9/15/13	REVISED -

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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 8 (SOLID WHITE)
- (D) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS) (TYP)
- (E) TEMP EPOXY PVT MK LINE 5 (10" DASH 30' SKIP, WHITE)
- (F) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND @ 100' C-C (TYP) ON TANGENTS
- (G) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON RAMP TAPERS
- (H) TEMP CONC BARRIER
- (I) IMP ATTN TEMP FRN TL3
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C



MATCH LINE STA 347+00 EB I-290 SEE SHEET NO. 72

WORK ZONE
SPEED LIMIT
45
PHOTO ENFORCED
SIXX FINE MINIMUM

W2-1115(0)-3618
R2-1-3648
R10-19aP-3618
R2-1106-3618
STA. 360+00.00
(EX WB I-290)

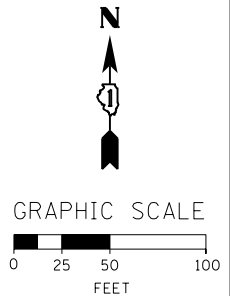
MATCH LINE STA 362+00 EB I-290 SEE SHEET NO. 74

S5 EXISTING OVERHEAD SIGN

- NOTE:**
- UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS USED ARE TAKEN FROM EXISTING EB AND WB I-290 BASELINES.
 - FOR LEGEND SEE SHEET NO. 65
 - FOR LAYOUT INFORMATION SEE SHEETS 69 & 70

RELOCATE SIGN PANEL - TYPE 3 (TO LINE UP TO THE NEW EB I-290 LANE CONFIGURATION)

COVER EXISTING ARROW



D160W26-Sht-StagingIA-ML-03
USER NAME = pimsarno
PLOT SCALE = 50.0000' / in.
PLOT DATE = 9/15/2013

DESIGNED - OPS	REVISED -
DRAWN - PHP	REVISED -
CHECKED - DBM	REVISED -
DATE - 9/15/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

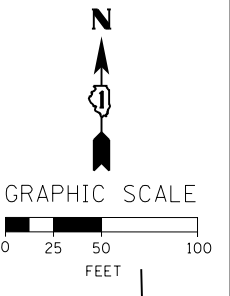
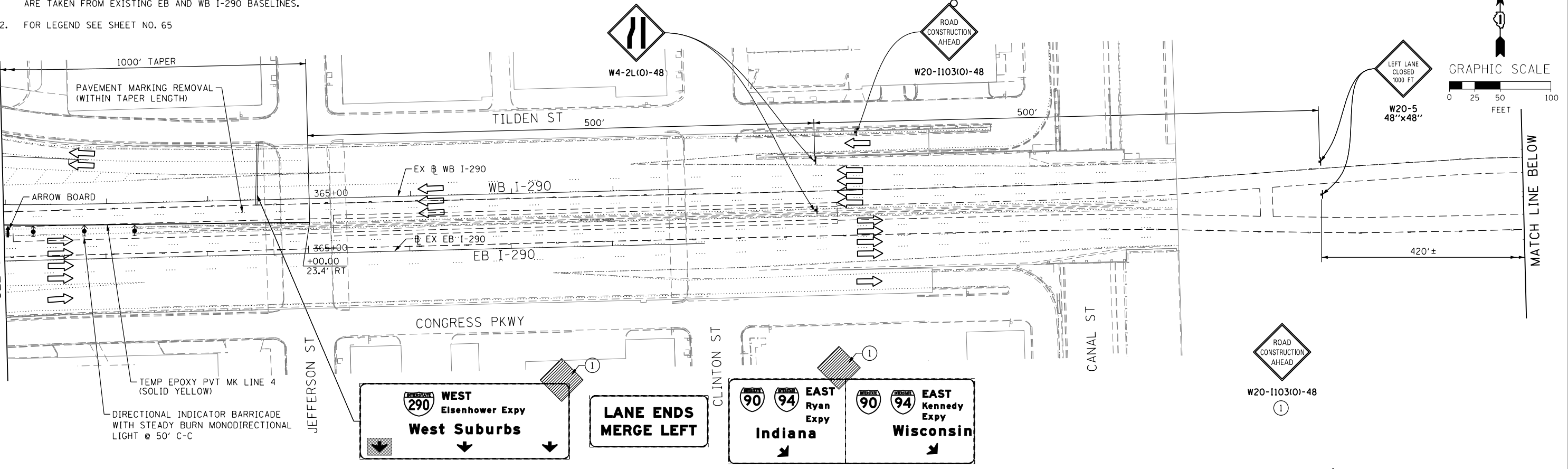
**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
MAINLINE STAGING 1A**

SCALE: 1" = 50' SHEET 3 OF 8 SHEETS STA. TO STA.

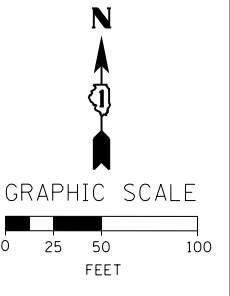
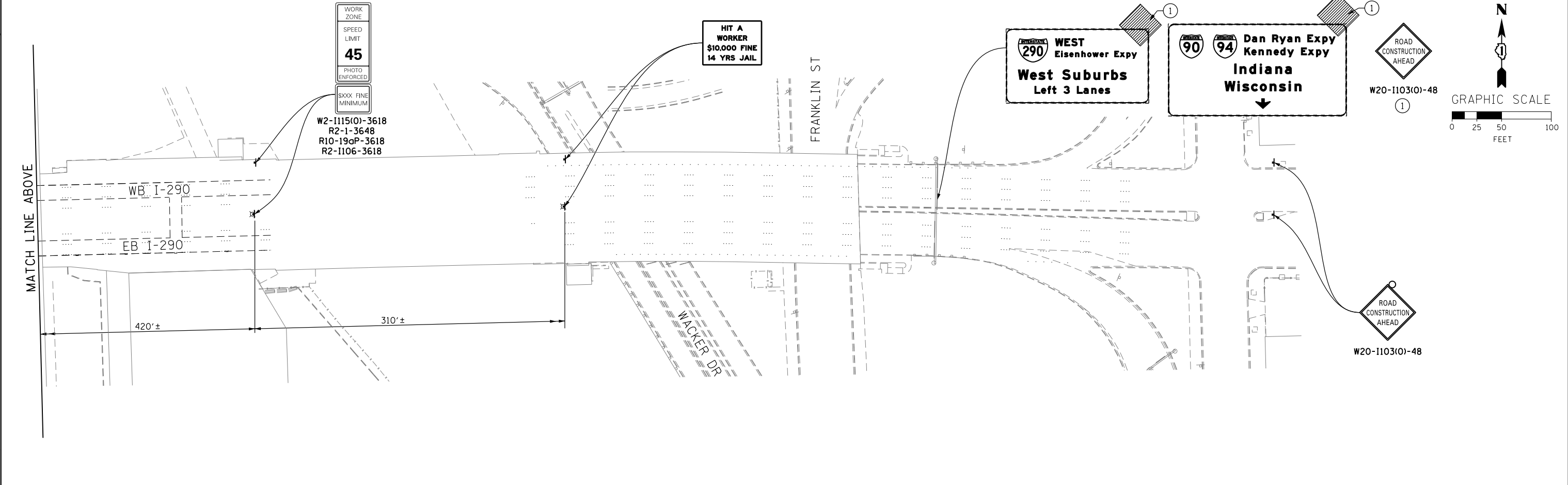
F.A.I. RTE. 90/94/290	SECTION 2013-008R	COUNTY COOK	TOTAL SHEETS 559	SHEET NO. 73
CONTRACT NO. 60W26				
ILLINOIS FED. AID PROJECT				

- NOTE:
- UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS USED ARE TAKEN FROM EXISTING EB AND WB I-290 BASELINES.
 - FOR LEGEND SEE SHEET NO. 65

MATCH LINE STA 362+00 EB I-290 SEE SHEET NO. 73



MATCH LINE BELOW



FILE PATH = ...
AECOM **TransSystems**
 D:\6026-Sht-Staging1A-ML-04
 USER NAME = pimsarno
 PLOT SCALE = 50.0000' / in.
 PLOT DATE = 9/15/2013

DESIGNED - OPS	REVISED -
DRAWN - PHP	REVISED -
CHECKED - DBM	REVISED -
DATE - 9/15/13	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
 MAINLINE STAGING 1A**

SCALE: 1" = 50' SHEET 4 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	74
CONTRACT NO. 60W26				
ILLINOIS FED. AID PROJECT				

- NOTE:
- UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS USED ARE TAKEN FROM SB I-90/94 BASELINE.
 - FOR LEGEND SEE SHEET NO. 65

PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

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

EXIT 52A
Taylor St
Roosevelt Rd
1/4 MILE

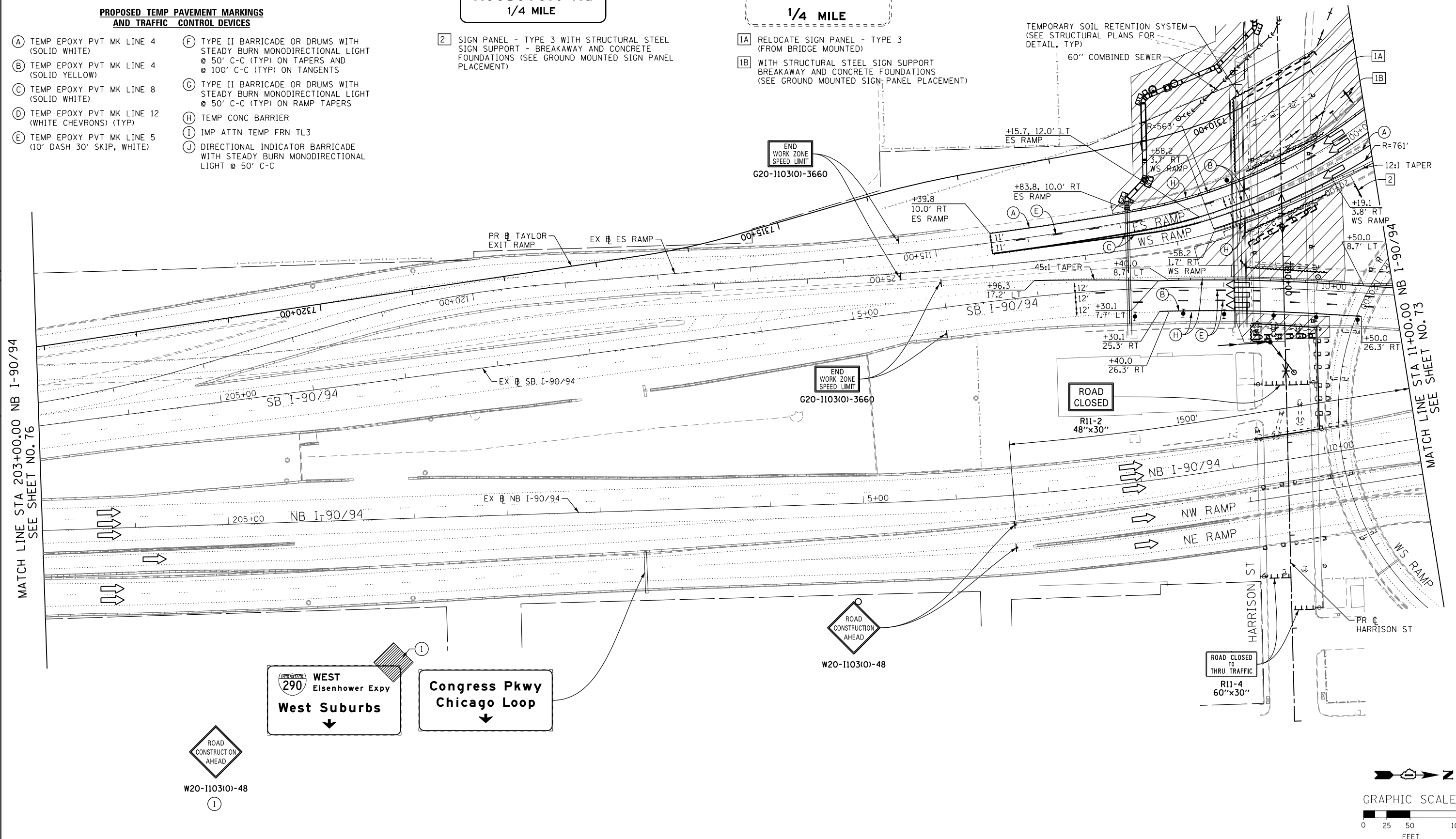
EXIT 52A
Taylor St
Roosevelt Rd
1/4 MILE

(2) SIGN PANEL - TYPE 3 WITH STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY AND CONCRETE FOUNDATIONS (SEE GROUND MOUNTED SIGN PANEL PLACEMENT)

(1A) RELOCATE SIGN PANEL - TYPE 3 (FROM BRIDGE MOUNTED)
(1B) WITH STRUCTURAL STEEL SIGN SUPPORT BREAKAWAY AND CONCRETE FOUNDATIONS (SEE GROUND MOUNTED SIGN PANEL PLACEMENT)

TEMPORARY SOIL RETENTION SYSTEM (SEE STRUCTURAL PLANS FOR DETAIL, TYP)

60" COMBINED SEWER



MATCH LINE STA 203+00.00 NB I-90/94 SEE SHEET NO. 76

MATCH LINE STA 11+00.00 NB I-90/94 SEE SHEET NO. 73

WEST
290 **WEST**
Eisenhower Expy
West Suburbs

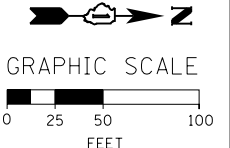
Congress Pkwy
Chicago Loop

ROAD CONSTRUCTION AHEAD
W20-1103(0)-48
1

ROAD CONSTRUCTION AHEAD
W20-1103(0)-48

ROAD CLOSED TO THRU TRAFFIC
R11-4
60"x30"

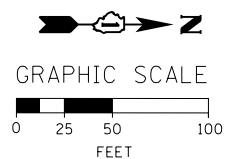
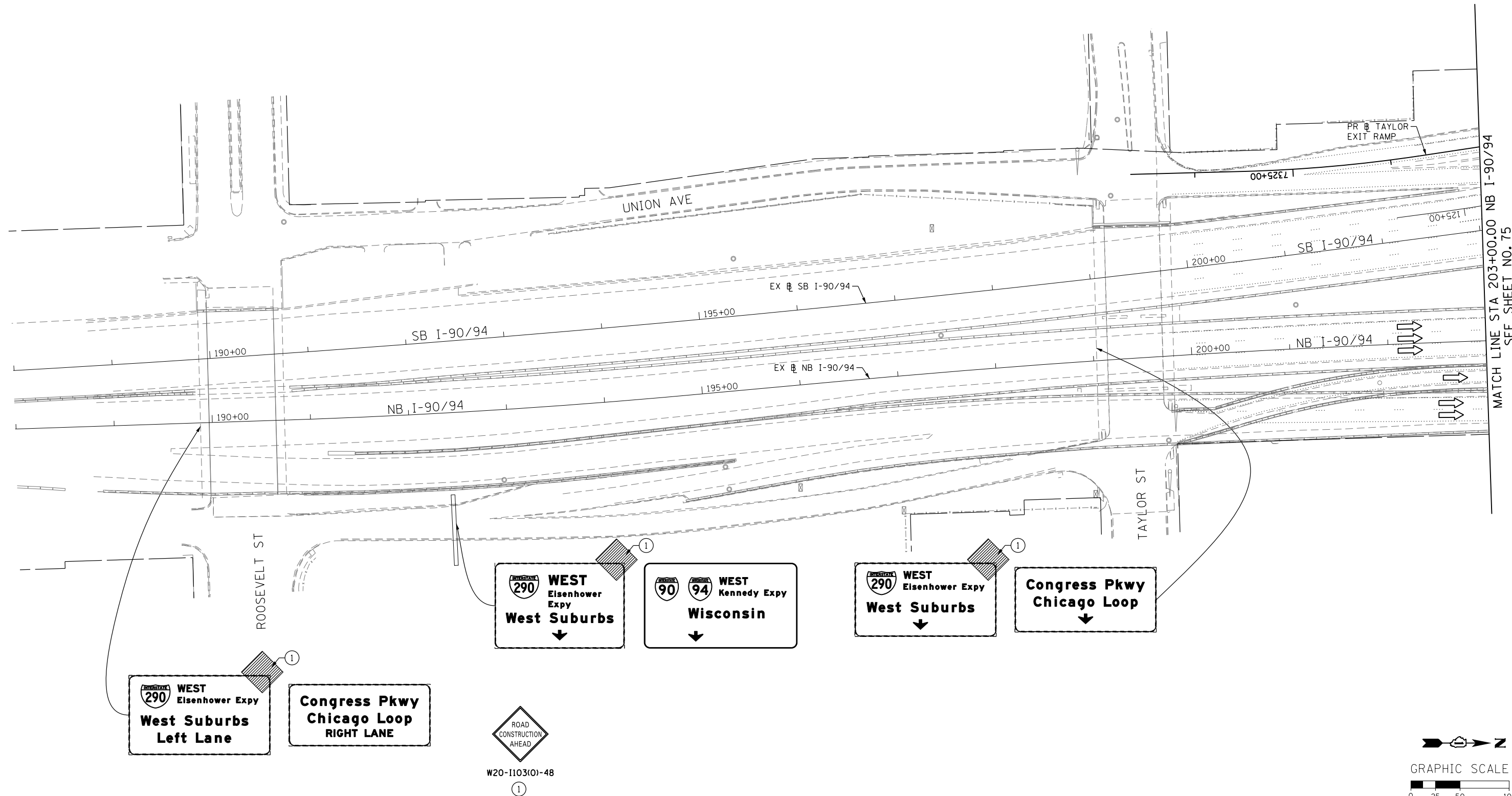
ROAD CLOSED
R11-2
48"x30"



	D160W26-Sht-StagingIA-ML-05 USER NAME = pimserno PLOT SCALE = 50.0000' / in. PLOT DATE = 9/15/2013	DESIGNED - OPS DRAWN - PHP CHECKED - DBM DATE - 9/15/13	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN MAINLINE STAGING 1A		F.A.I. RTE. = 90/94/290 SECTION = 2013-008R COUNTY = COOK ILLINOIS FED. AID PROJECT	TOTAL SHEETS = 559 SHEET NO. = 75 CONTRACT NO. 60W26
	SCALE: 1" = 50' SHEET 5 OF 8 SHEETS STA. TO STA.							

NOTE:

1. UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS USED ARE TAKEN FROM EXISTING NB AND SB I-90/94 BASELINES.
2. FOR LEGEND SEE SHEET NO. 65



	DI60W26-Sht-Staging1A-ML-06	DESIGNED - OPS	REVISED -
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	PLOT DATE = 9/15/2013	DATE - 9/15/13	REVISED -

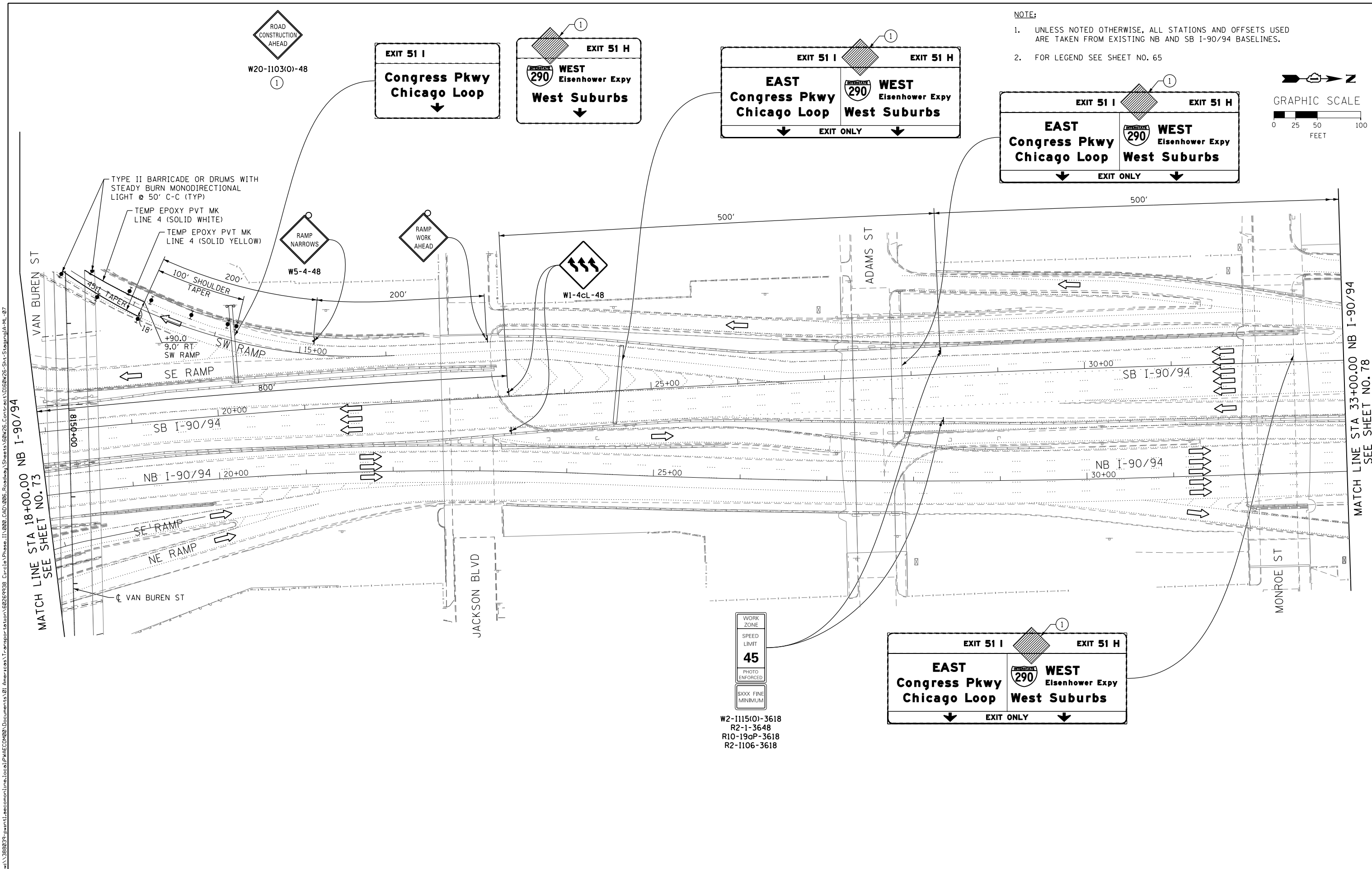
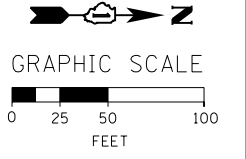
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN	
MAINLINE STAGING 1A	
SCALE: 1" = 50'	SHEET 6 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	76
CONTRACT NO. 60W26				
ILLINOIS FED. AID PROJECT				

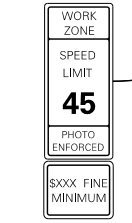
FILE PATH = ...

- NOTE:
- UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS USED ARE TAKEN FROM EXISTING NB AND SB I-90/94 BASELINES.
 - FOR LEGEND SEE SHEET NO. 65



FILE PATH = ...
 MATCH LINE STA 18+00.00 NB I-90/94
 SEE SHEET NO. 73

MATCH LINE STA 33+00.00 NB I-90/94
 SEE SHEET NO. 78



W2-1115(O)-3618
 R2-1-3648
 R10-19aP-3618
 R2-1106-3618

AECOM <i>Tran</i> Systems	DI60W26-Sht-StagingIA-ML-07	DESIGNED - OPS	REVISED -
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	PLOT SCALE = 50.0000' / in.	CHECKED - DBM	REVISED -
	PLOT DATE = 9/15/2013	DATE - 9/15/13	REVISED -

DESIGNED - OPS	REVISED -
DRAWN - PHP	REVISED -
CHECKED - DBM	REVISED -
DATE - 9/15/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

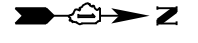
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
MAINLINE STAGING 1A

SCALE: 1" = 50' SHEET 7 OF 8 SHEETS STA. TO STA.

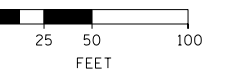
F.A.I. RTE. 90/94/290	SECTION 2013-008R	COUNTY COOK	TOTAL SHEETS 559	SHEET NO. 77
CONTRACT NO. 60W26			ILLINOIS FED. AID PROJECT	

NOTE:

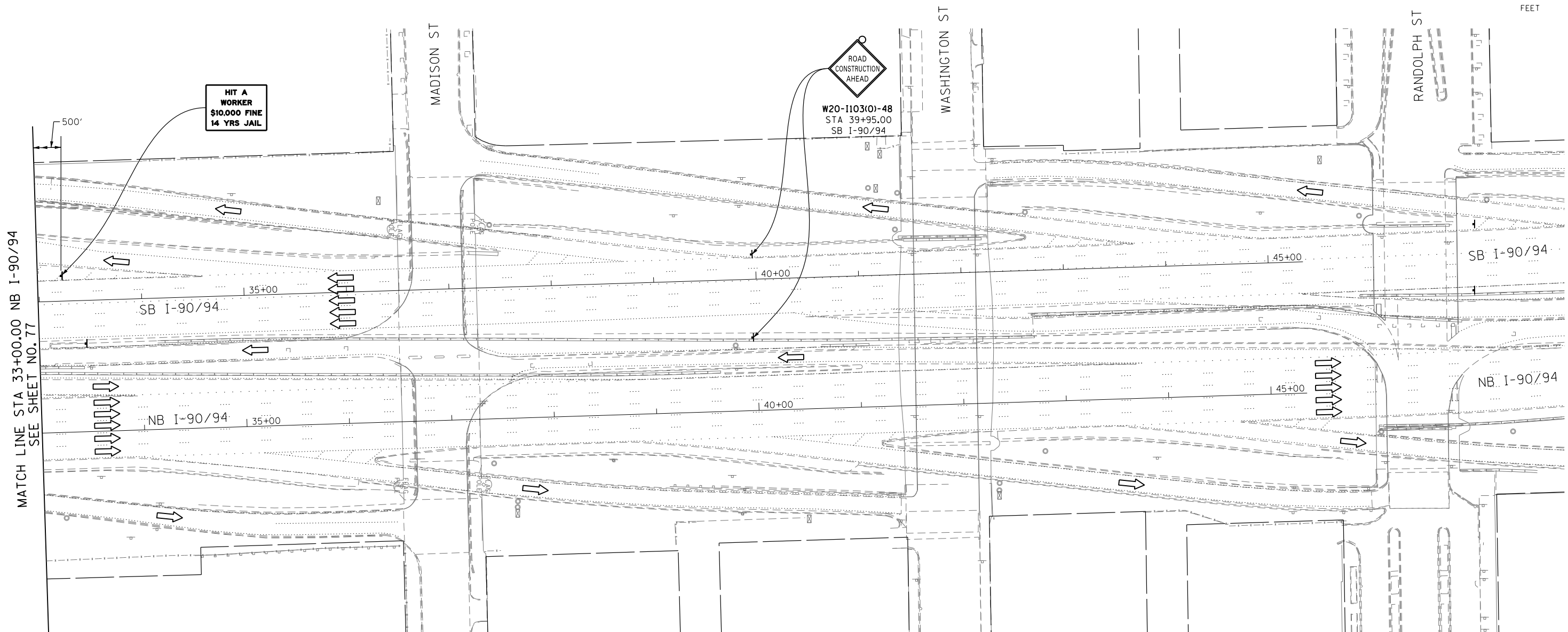
1. UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS USED ARE TAKEN FROM EXISTING NB AND SB I-90/94 BASELINES.
2. FOR LEGEND SEE SHEET NO. 65



GRAPHIC SCALE



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AECOM	DI60W26-Sht-StagingIA-ML-08	DESIGNED - OPS	REVISED -
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DESIGNED - OPS	REVISED -
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CHECKED - DBM	REVISED -
DATE - 9/15/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

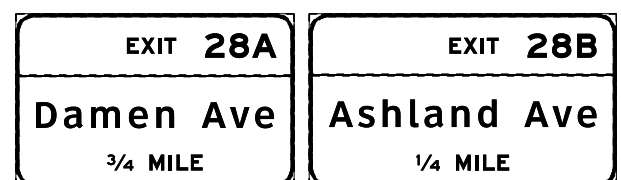
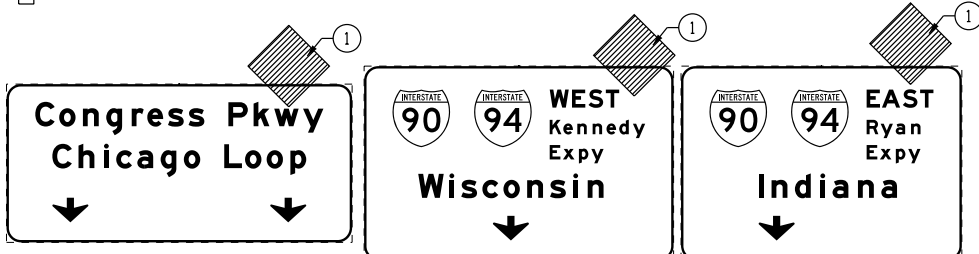
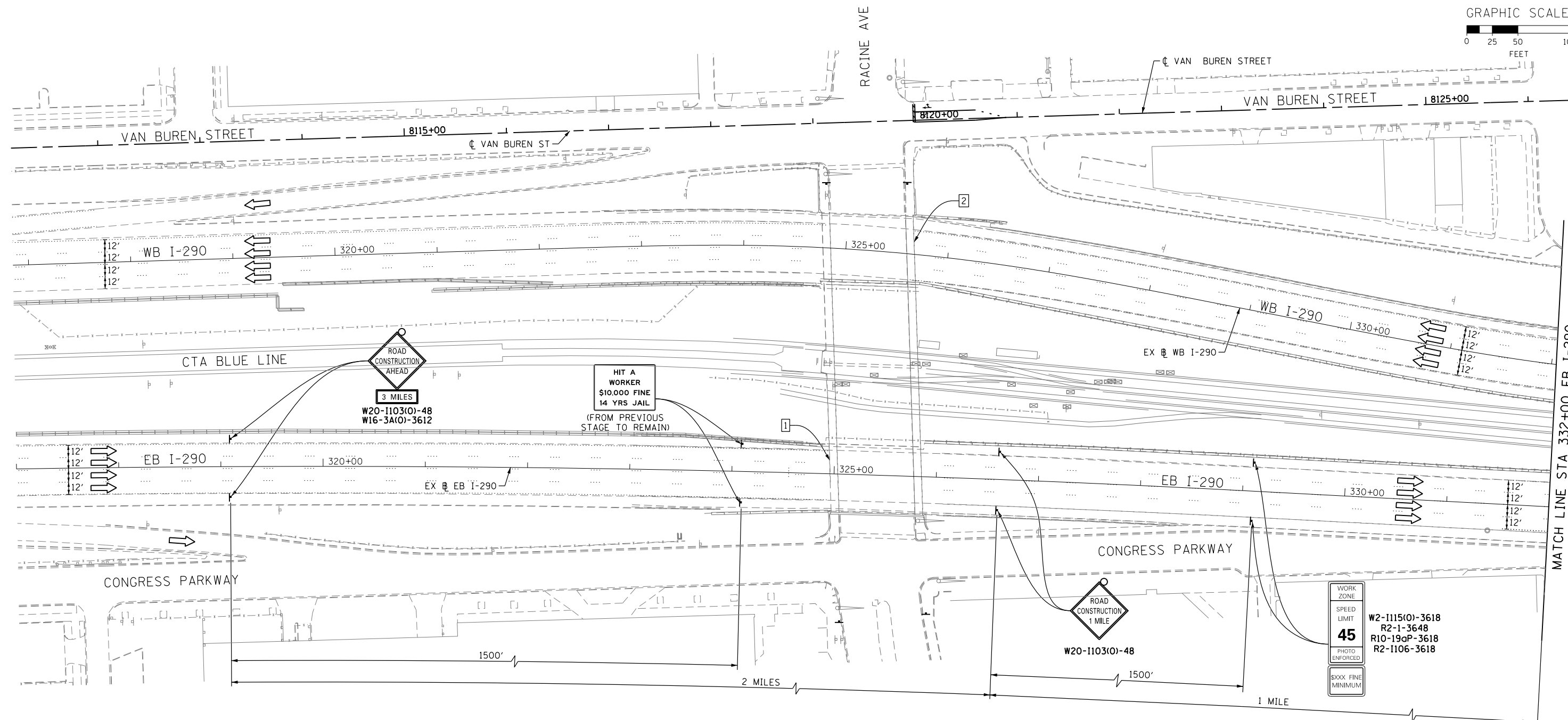
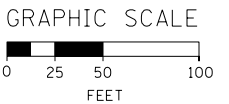
**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
MAINLINE STAGING 1A**

SCALE: 1" = 50' SHEET 8 OF 8 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-008R	COUNTY COOK	TOTAL SHEETS 559	SHEET NO. 78
CONTRACT NO. 60W26			ILLINOIS FED. AID PROJECT	

NOTE:

- UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS USED ARE TAKEN FROM EXISTING EB AND WB I-290 BASELINES.
- FOR LEGEND SEE SHEET NO. 65



D160W26-Sht-StagingIB-ML-01
 USER NAME = pimsarno
 PLOT SCALE = 50.0000' / in.
 PLOT DATE = 9/15/2013

DESIGNED - OPS	REVISED -
DRAWN - PHP	REVISED -
CHECKED - DBM	REVISED -
DATE - 9/15/13	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
 MAINLINE STAGING 1B
 SCALE: 1" = 50' SHEET 1 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	79
CONTRACT NO. 60W26				
ILLINOIS FED. AID PROJECT				

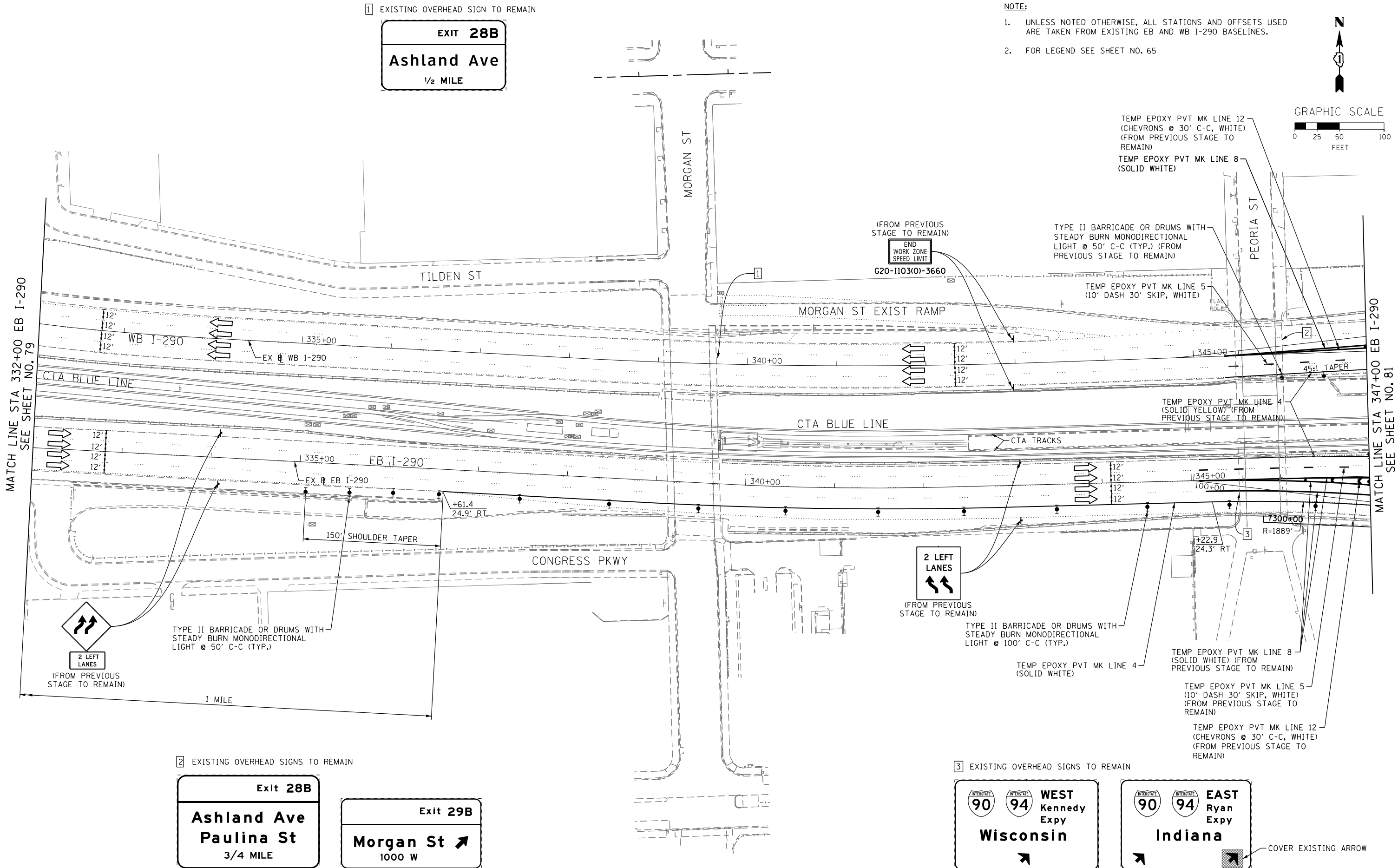
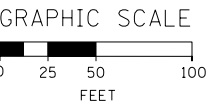
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1 EXISTING OVERHEAD SIGN TO REMAIN

EXIT 28B
Ashland Ave
1/2 MILE

NOTE:

- UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS USED ARE TAKEN FROM EXISTING EB AND WB I-290 BASELINES.
- FOR LEGEND SEE SHEET NO. 65



2 EXISTING OVERHEAD SIGNS TO REMAIN

Exit 28B
Ashland Ave
Paulina St
3/4 MILE

Exit 29B
Morgan St
1000 W

3 EXISTING OVERHEAD SIGNS TO REMAIN

WEST Kennedy Expy
Wisconsin

EAST Ryan Expy
Indiana

COVER EXISTING ARROW

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	D160W26-Sht-StagingB-ML-02 USER NAME = pimsarno PLOT SCALE = 50.0000' / in. PLOT DATE = 9/15/2013	DESIGNED - OPS DRAWN - PHP CHECKED - DBM DATE - 9/15/13	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN MAINLINE STAGING 1B		F.A.I. R.T.E. 90/94/290	SECTION 2013-008R	COUNTY COOK	TOTAL SHEETS 559	SHEET NO. 80
	SCALE: 1" = 50' SHEET 2 OF 8 SHEETS	STA. TO STA.	CONTRACT NO. 60W26			ILLINOIS FED. AID PROJECT					

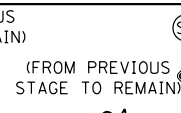
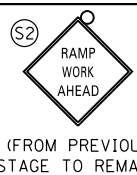
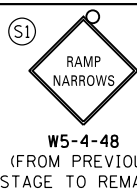
PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

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

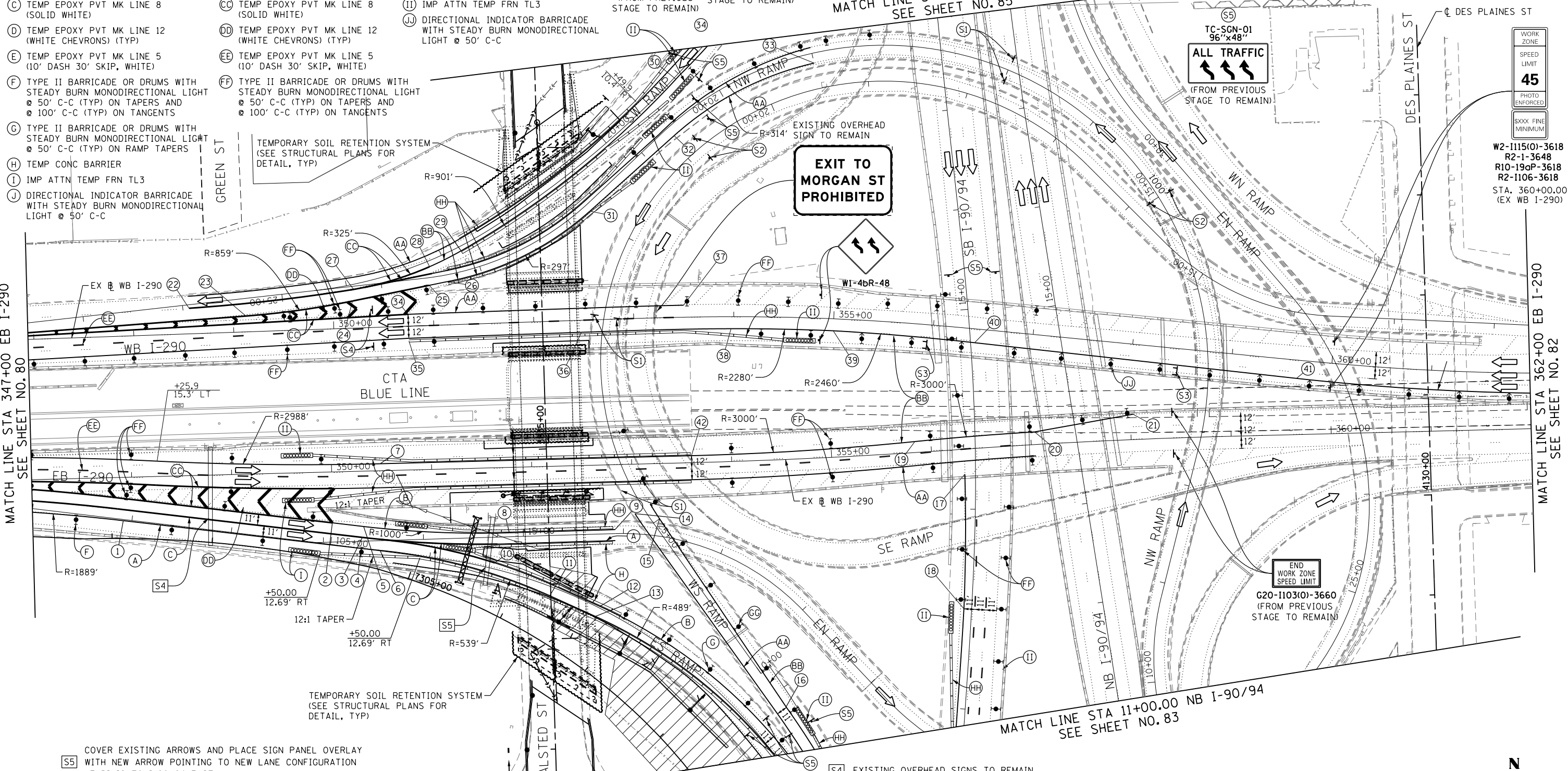
TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES FROM PREVIOUS STAGE TO REMAIN

- (AA) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (BB) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (CC) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (DD) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS) (TYP)
- (EE) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (FF) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND @ 100' C-C (TYP) ON TANGENTS

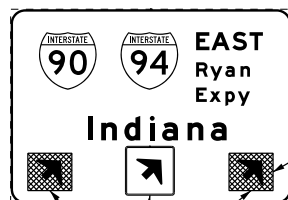
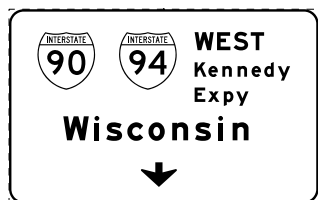
- (GG) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON RAMP TAPERS
- (HH) TEMP CONC BARRIER
- (II) IMP ATTN TEMP FRN TL3
- (JJ) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C



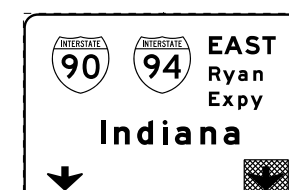
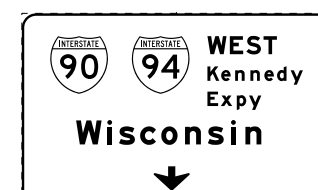
NOTES:
 1. UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS USED ARE TAKEN FROM EITHER EXISTING EB AND WB I-290 BASELINES
 2. SEE LAYOUT INFORMATION ON SHEET 69 & 70



(S5) COVER EXISTING ARROWS AND PLACE SIGN PANEL OVERLAY WITH NEW ARROW POINTING TO NEW LANE CONFIGURATION LEADING TO I-90/94 EAST



(S4) EXISTING OVERHEAD SIGNS TO REMAIN



D160W26-Sht-StagingIB-ML-03
 USER NAME = pimsarno
 PLOT SCALE = 50.0000' / in.
 PLOT DATE = 9/15/2013

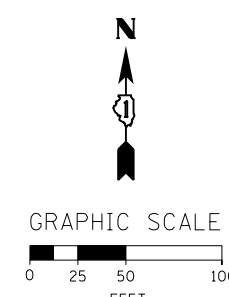
DESIGNED - OPS	REVISED -
DRAWN - PHP	REVISED -
CHECKED - DBM	REVISED -
DATE - 9/15/13	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
 MAINLINE STAGING 1B**

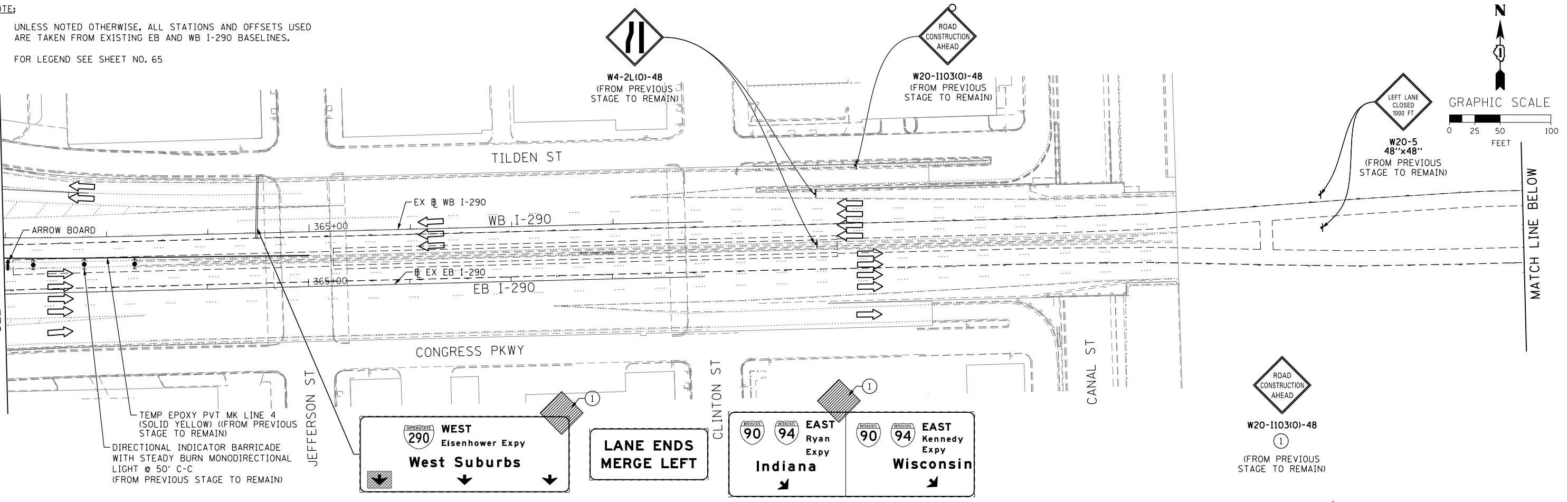
SCALE: 1" = 50' SHEET 3 OF 8 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-008R	COUNTY COOK	TOTAL SHEETS 559	SHEET NO. 81
CONTRACT NO. 60W26				
ILLINOIS FED. AID PROJECT				

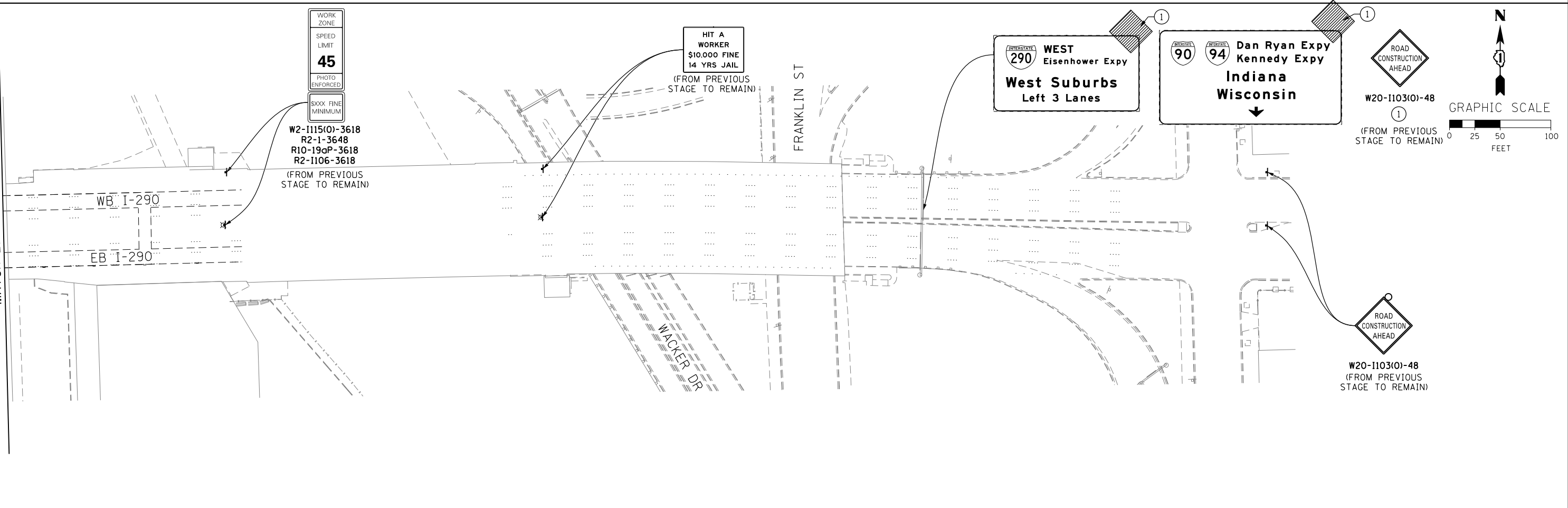


- NOTE:
- UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS USED ARE TAKEN FROM EXISTING EB AND WB I-290 BASELINES.
 - FOR LEGEND SEE SHEET NO. 65

MATCH LINE STA 362+00 EB I-290
SEE SHEET NO. 81



MATCH LINE ABOVE



	D:\6026-Sht-Staging1B-ML-04 USER NAME = pimsarno PLOT SCALE = 50.0000' / in. PLOT DATE = 9/15/2013	DESIGNED - OPS DRAWN - PHP CHECKED - DBM DATE - 9/15/13	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN MAINLINE STAGING 1B		F.A.I. RTE. 90/94/290	SECTION 2013-008R	COUNTY COOK	TOTAL SHEETS 559	SHEET NO. 82
	SCALE: 1" = 50' SHEET 4 OF 8 SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W26						

TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES FROM PREVIOUS STAGE TO REMAIN

- AA TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- BB TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- CC TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- DD TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS) (TYP)
- EE TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- FF TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND @ 100' C-C (TYP) ON TANGENTS
- GG TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON RAMP TAPERS
- HH TEMP CONC BARRIER
- II IMP ATTN TEMP FRN TL3
- JJ DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C

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 8 (SOLID WHITE)
- D TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS) (TYP)
- E TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- F TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND @ 100' C-C (TYP) ON TANGENTS
- G TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON RAMP TAPERS
- H TEMP CONC BARRIER
- I IMP ATTN TEMP FRN TL3
- J DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C

EXIT 52A
Taylor St
Roosevelt Rd
1/4 MILE

EXIT 52A
Taylor St
Roosevelt Rd
1/4 MILE

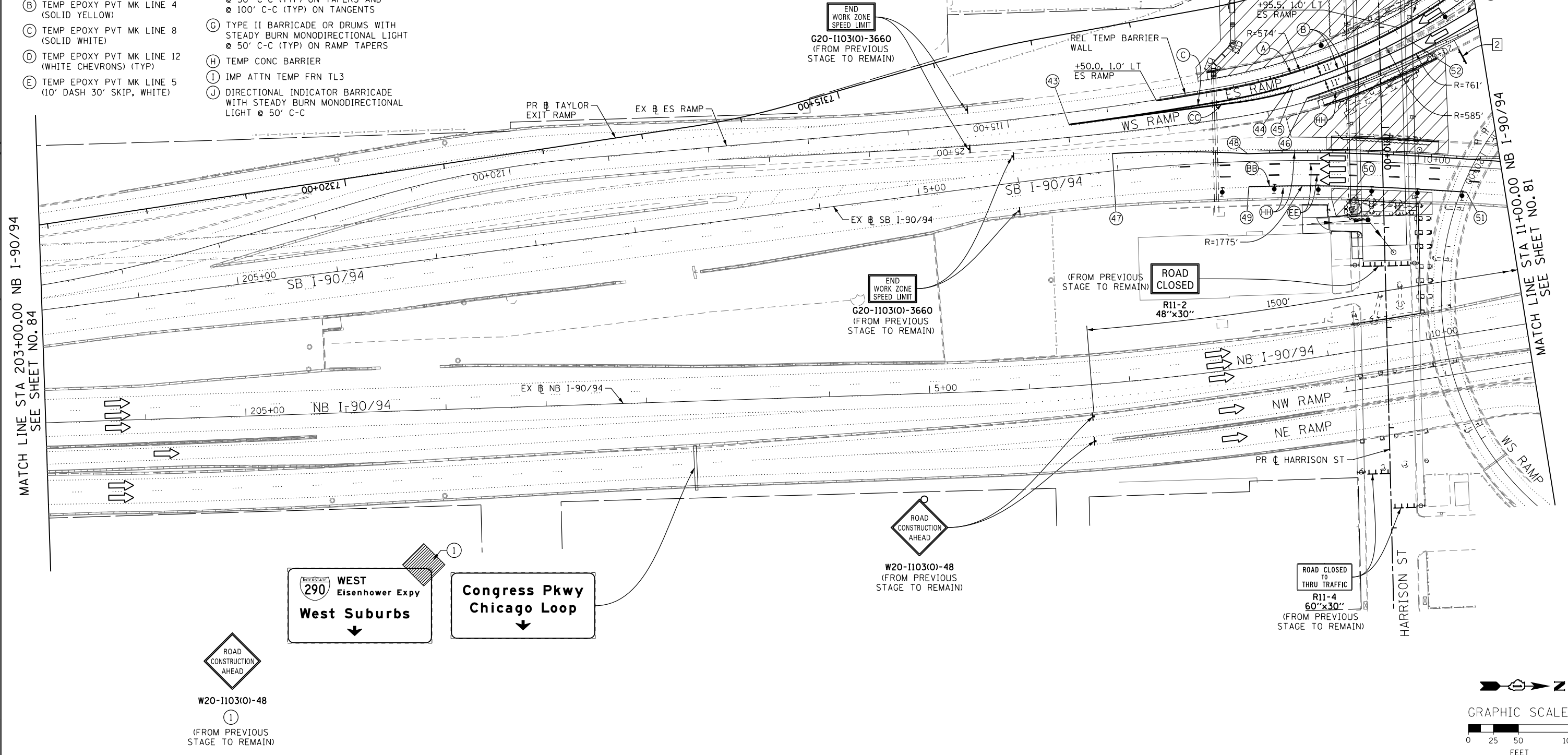
- NOTE:**
- UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS USED ARE TAKEN FROM SB I-90/94 BASELINE.
 - FOR LEGEND SEE SHEET NO. 65
 - SEE LAYOUT INFORMATION ON SHEETS 69 & 70

2 SIGN PANEL - TYPE 3 WITH STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY AND CONCRETE FOUNDATIONS (SEE GROUND MOUNTED SIGN PANEL PLACEMENT) (FROM PREVIOUS STAGE TO REMAIN)

1A RELOCATE SIGN PANEL - TYPE 3 (FROM BRIDGE MOUNTED) (FROM PREVIOUS STAGE TO REMAIN)

1B WITH STRUCTURAL STEEL SIGN SUPPORT BREAKAWAY AND CONCRETE FOUNDATIONS (SEE GROUND MOUNTED SIGN PANEL PLACEMENT) (FROM PREVIOUS STAGE TO REMAIN)

TEMPORARY SOIL RETENTION SYSTEM (SEE STRUCTURAL PLANS FOR DETAIL, TYP)



MATCH LINE STA 203+00.00 NB I-90/94 SEE SHEET NO. 84

MATCH LINE STA 11+00.00 NB I-90/94 SEE SHEET NO. 81



D160W26-Sht-StagingIB-ML-05
USER NAME = pimsarno
PLOT SCALE = 50.0000' / in.
PLOT DATE = 9/15/2013

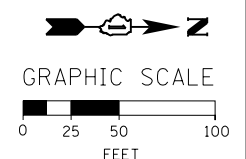
DESIGNED - OPS	REVISED -
DRAWN - PHP	REVISED -
CHECKED - DBM	REVISED -
DATE - 9/15/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
MAINLINE STAGING 1B

SCALE: 1" = 50' SHEET 5 OF 8 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-008R	COUNTY COOK	TOTAL SHEETS 559	SHEET NO. 83
CONTRACT NO. 60W26				
ILLINOIS FED. AID PROJECT				

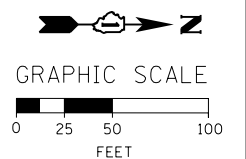
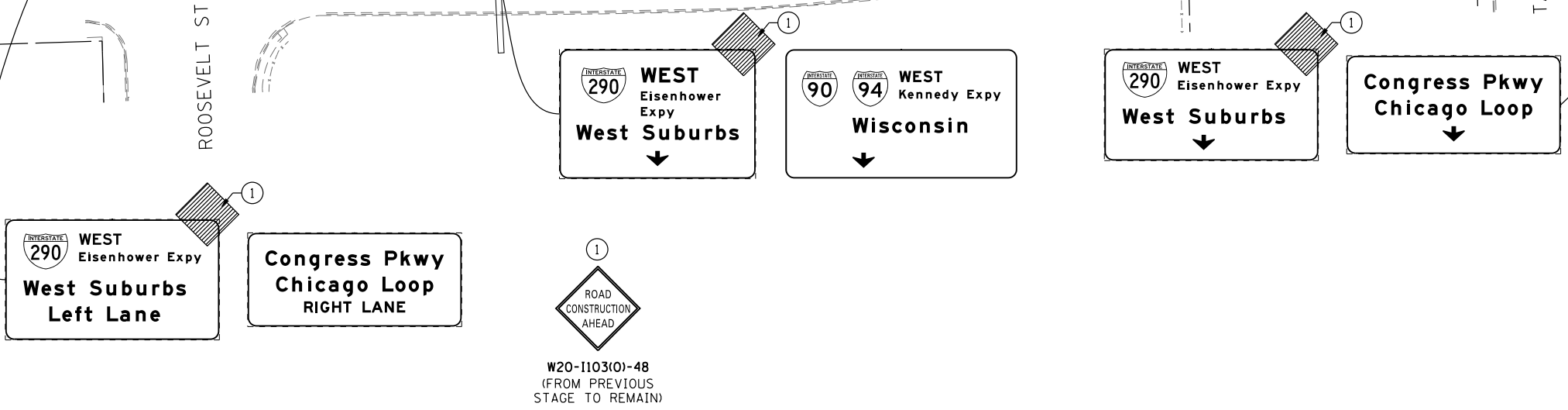


NOTE:

1. UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS USED ARE TAKEN FROM EXISTING NB AND SB I-90/94 BASELINES.
2. FOR LEGEND SEE SHEET NO. 65



MATCH LINE STA 203+00.00 NB I-90/94
SEE SHEET NO. 83



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D160W26-Sht-Staging\B-ML-06
 USER NAME = pimsarno
 PLOT SCALE = 50.0000' / in.
 PLOT DATE = 9/15/2013

DESIGNED - OPS	REVISED -
DRAWN - PHP	REVISED -
CHECKED - DBM	REVISED -
DATE - 9/15/13	REVISED -

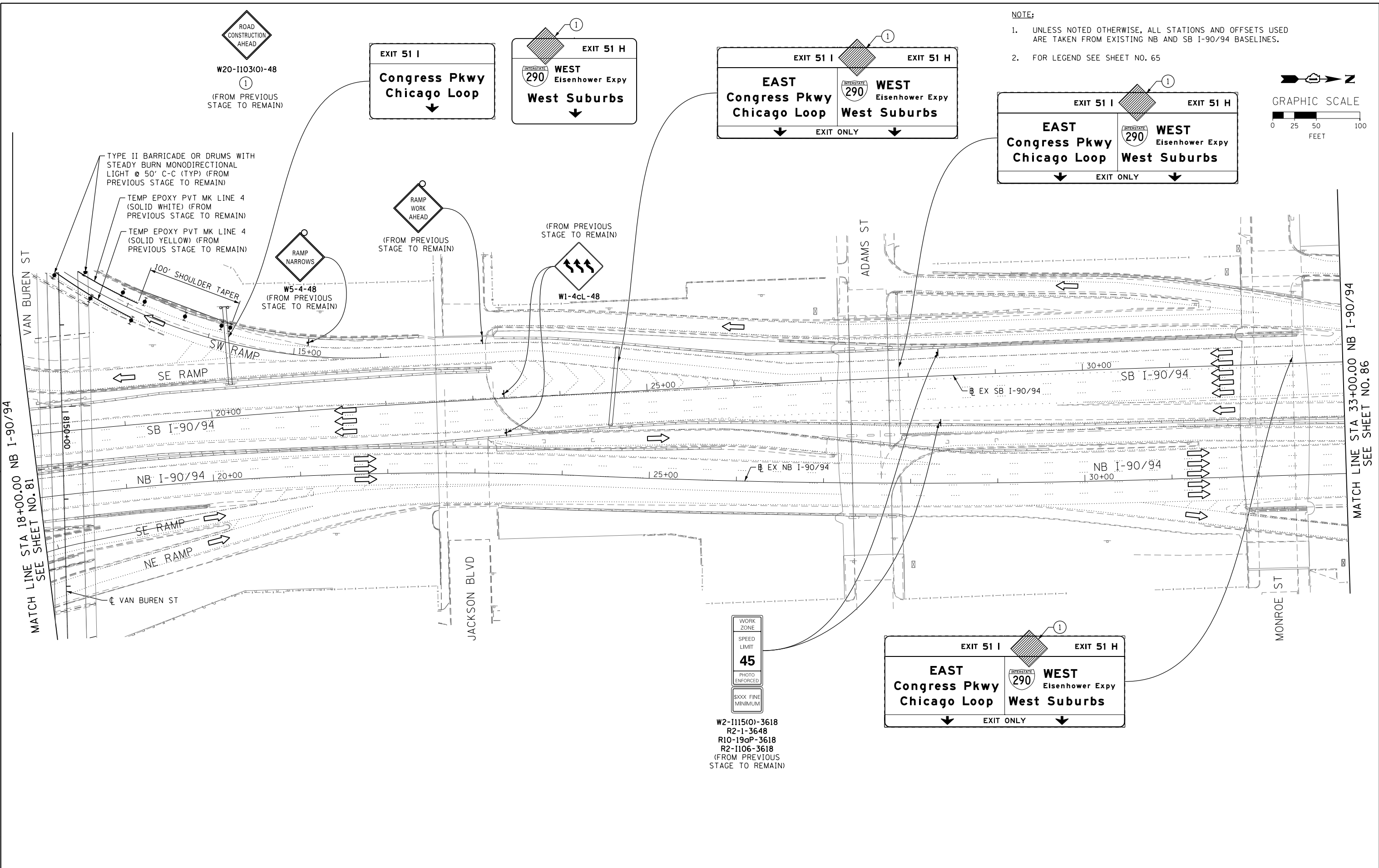
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
 MAINLINE STAGING 1B**

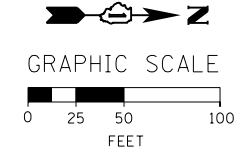
SCALE: 1" = 50' SHEET 6 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	84
CONTRACT NO. 60W26				
ILLINOIS FED. AID PROJECT				

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NOTE:
 1. UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS USED ARE TAKEN FROM EXISTING NB AND SB I-90/94 BASELINES.
 2. FOR LEGEND SEE SHEET NO. 65



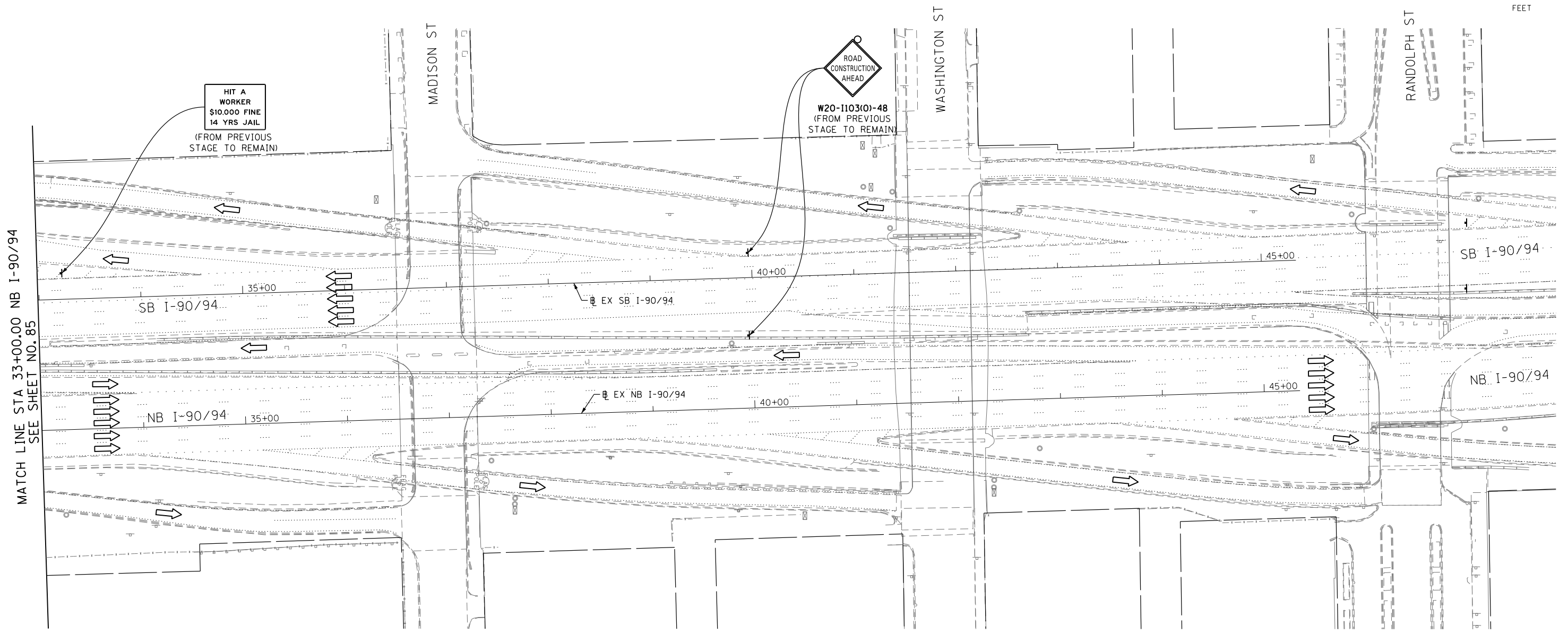
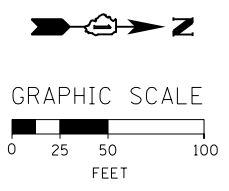
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 D160W26-Sht-StagingB-ML-07
 USER NAME = pimsarno
 PLOT SCALE = 50.0000' / in.
 PLOT DATE = 9/15/2013

DESIGNED - OPS	REVISED -
DRAWN - PHP	REVISED -
CHECKED - DBM	REVISED -
DATE - 9/15/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
MAINLINE STAGING 1B
 SCALE: 1" = 50' SHEET 7 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	85
CONTRACT NO. 60W26				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA 33+00.00 NB I-90/94
SEE SHEET NO. 85

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	USER NAME = pimsarno	DRAWN - PHP	REVISED -
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	PLOT DATE = 9/15/2013	DATE - 9/15/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

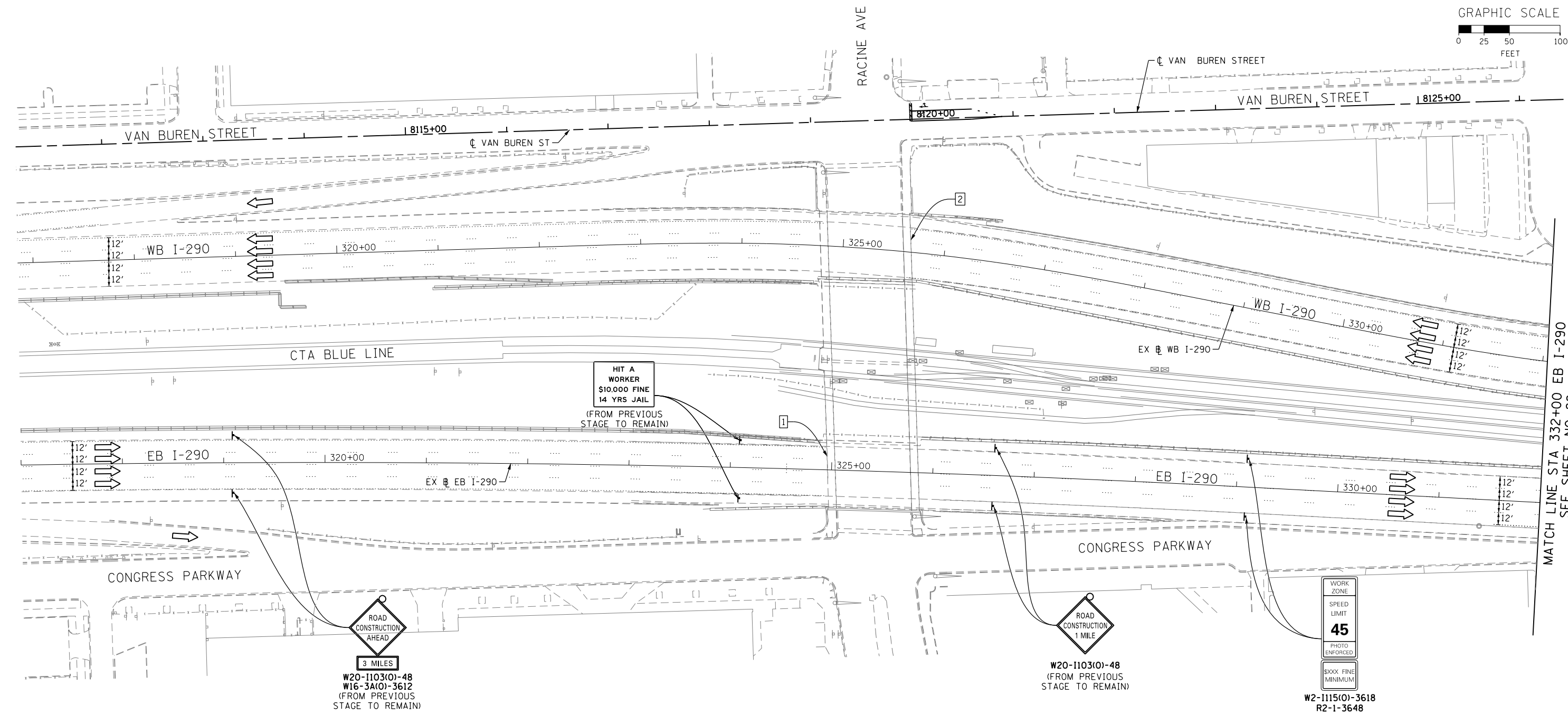
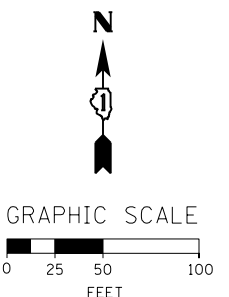
**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
MAINLINE STAGING 1B**

SCALE: 1" = 50' SHEET 8 OF 8 SHEETS STA. TO STA.

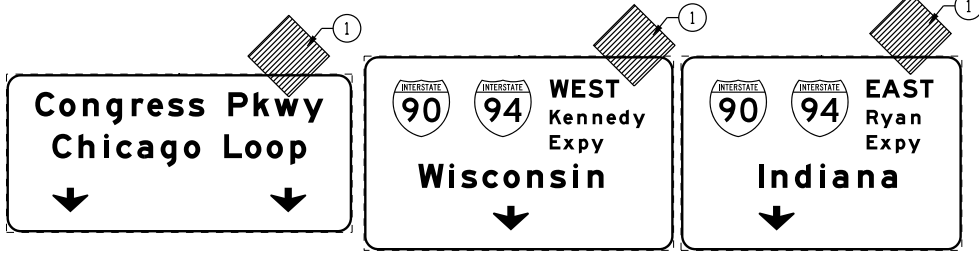
F.A.I. RTE. 90/94/290	SECTION 2013-008R	COUNTY COOK	TOTAL SHEETS 559	SHEET NO. 86
CONTRACT NO. 60W26			ILLINOIS FED. AID PROJECT	

NOTE:

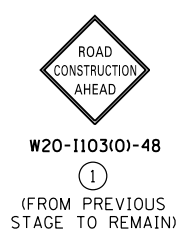
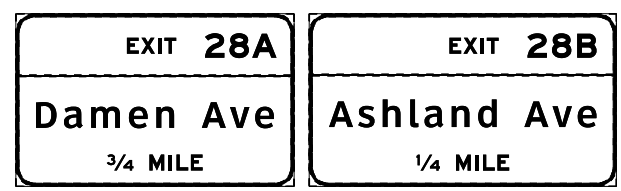
- UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS USED ARE TAKEN FROM EXISTING EB AND WB I-290 BASELINES.
- FOR LEGEND SEE SHEET NO. 65



1 EXISTING OVERHEAD SIGNS TO REMAIN



2 EXISTING OVERHEAD SIGNS TO REMAIN



D160W26-Sht-Staging2A-ML-01
 USER NAME = pimsarno
 PLOT SCALE = 50.0000' / in.
 PLOT DATE = 9/15/2013

DESIGNED - OPS	REVISED -
DRAWN - PHP	REVISED -
CHECKED - DBM	REVISED -
DATE - 9/15/13	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
 MAINLINE STAGING 2A
 SCALE: 1" = 50' SHEET 1 OF 8 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-008R	COUNTY COOK	TOTAL SHEETS 559	SHEET NO. 87
CONTRACT NO. 60W26			ILLINOIS FED. AID PROJECT	

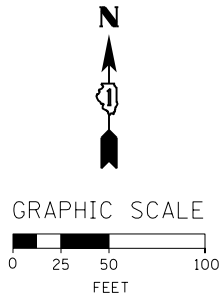
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1 EXISTING OVERHEAD SIGN TO REMAIN

EXIT 28B
Ashland Ave
1/2 MILE

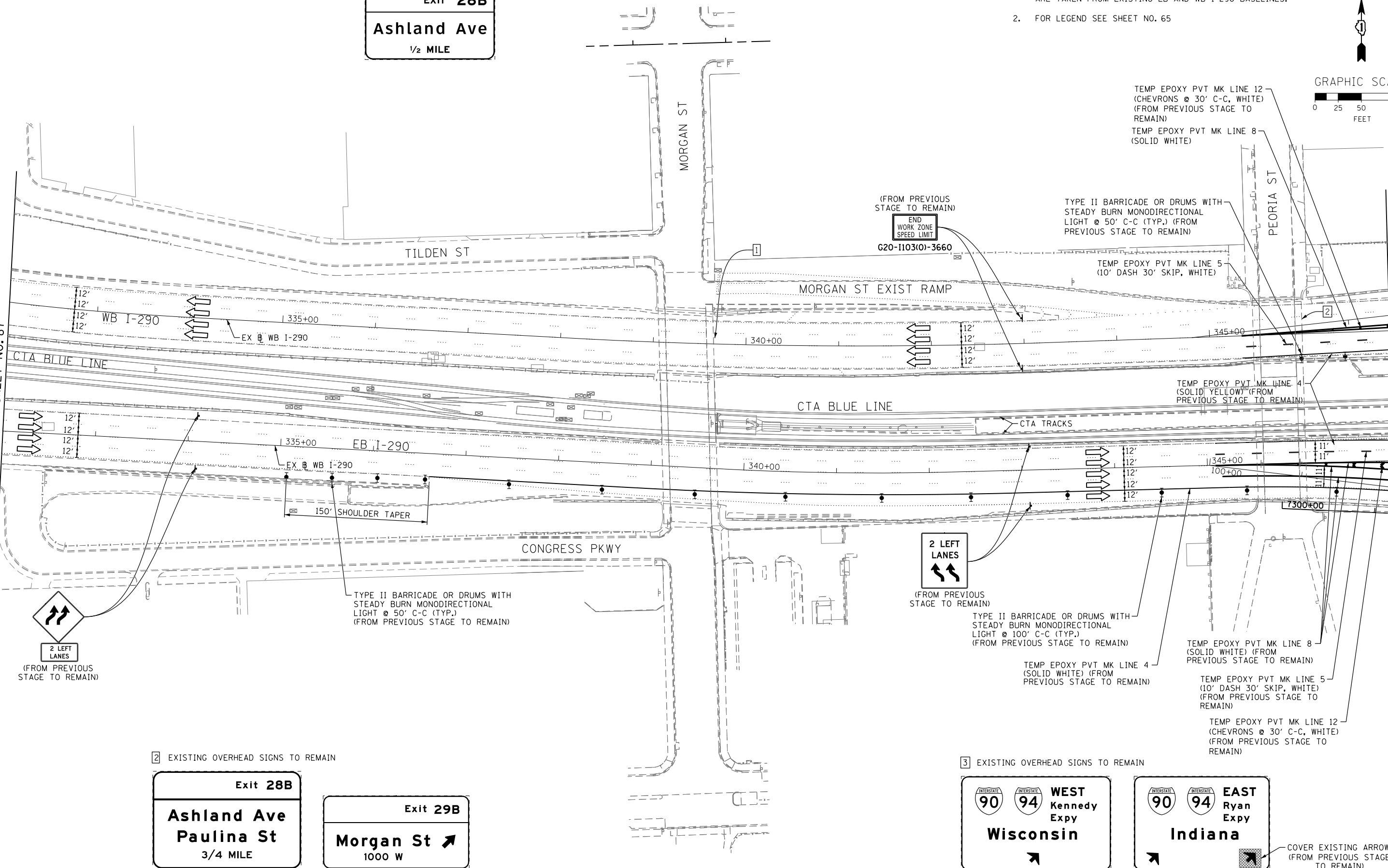
NOTE:

- UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS USED ARE TAKEN FROM EXISTING EB AND WB I-290 BASELINES.
- FOR LEGEND SEE SHEET NO. 65



MATCH LINE STA 332+00 EB I-290
SEE SHEET NO. 87

MATCH LINE STA 347+00 EB I-290
SEE SHEET NO. 89



2 EXISTING OVERHEAD SIGNS TO REMAIN

Exit 28B
Ashland Ave
Paulina St
3/4 MILE

Exit 29B
Morgan St
1000 W

3 EXISTING OVERHEAD SIGNS TO REMAIN

WEST Kennedy Expy
Wisconsin

EAST Ryan Expy
Indiana

COVER EXISTING ARROW
(FROM PREVIOUS STAGE TO REMAIN)



D160W26-Sht-Staging2A-ML-02
USER NAME = pimsarno
PLOT SCALE = 50.0000' / in.
PLOT DATE = 9/15/2013

DESIGNED - OPS	REVISED -
DRAWN - PHP	REVISED -
CHECKED - DBM	REVISED -
DATE - 9/15/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
MAINLINE STAGING 2A
SCALE: 1" = 50' SHEET 2 OF 8 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-008R	COUNTY COOK	TOTAL SHEETS 559	SHEET NO. 88
CONTRACT NO. 60W26			ILLINOIS FED. AID PROJECT	

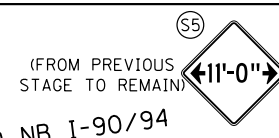
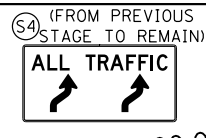
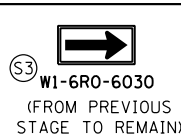
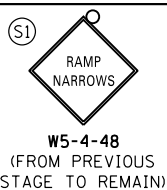
PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

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

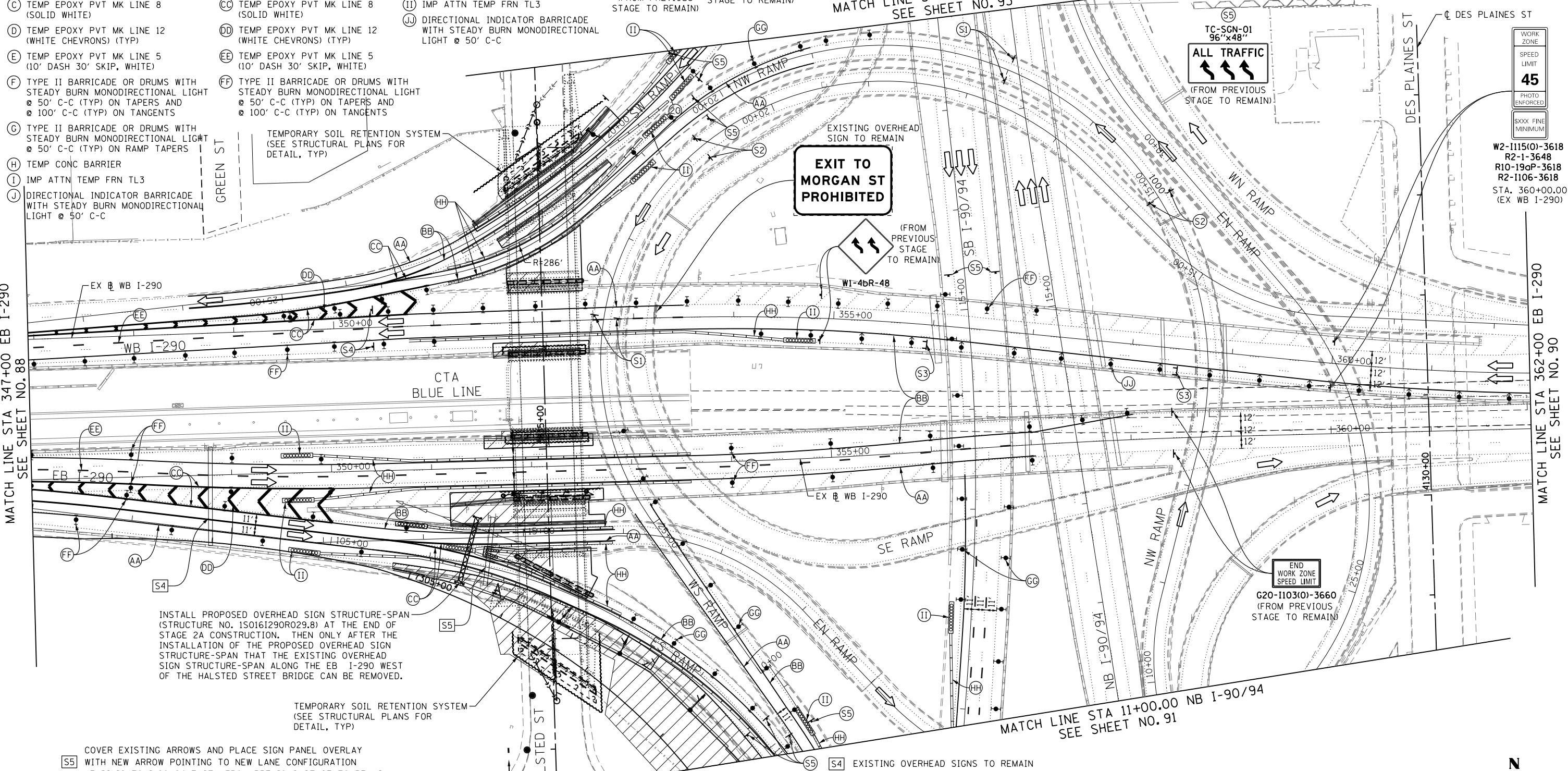
TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES FROM PREVIOUS STAGE TO REMAIN

- (AA) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (BB) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (CC) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (DD) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS) (TYP)
- (EE) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (FF) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND @ 100' C-C (TYP) ON TANGENTS

- (GG) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON RAMP TAPERS
- (HH) TEMP CONC BARRIER
- (II) IMP ATTN TEMP FRN TL3
- (JJ) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C



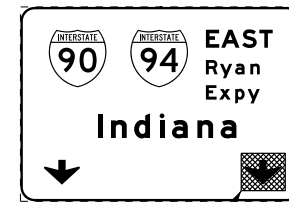
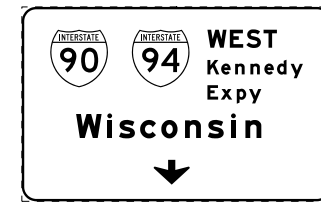
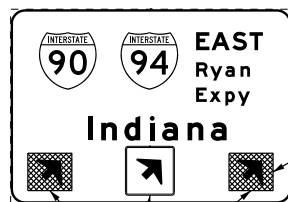
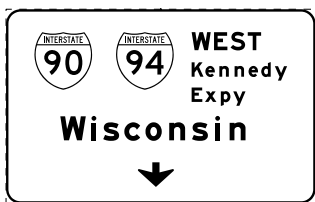
NOTES:
 1. UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS USED ARE TAKEN FROM EITHER EXISTING EB AND WB I-290 BASELINES
 2. SEE LAYOUT INFORMATION ON SHEET 69 & 70



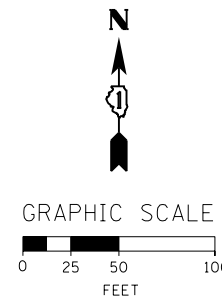
INSTALL PROPOSED OVERHEAD SIGN STRUCTURE-SPAN (STRUCTURE NO. 150161290R029.8) AT THE END OF STAGE 2A CONSTRUCTION. THEN ONLY AFTER THE INSTALLATION OF THE PROPOSED OVERHEAD SIGN STRUCTURE-SPAN THAT THE EXISTING OVERHEAD SIGN STRUCTURE-SPAN ALONG THE EB I-290 WEST OF THE HALSTED STREET BRIDGE CAN BE REMOVED.

TEMPORARY SOIL RETENTION SYSTEM (SEE STRUCTURAL PLANS FOR DETAIL, TYP)

(S5) COVER EXISTING ARROWS AND PLACE SIGN PANEL OVERLAY WITH NEW ARROW POINTING TO NEW LANE CONFIGURATION LEADING TO I-90/94 EAST. (FROM PREVIOUS STAGE TO REMAIN)



COVER EXISTING ARROW (FROM PREVIOUS STAGE TO REMAIN)



	D160W26-Sht-Staging2A-ML-03	DESIGNED - OPS	REVISED -
	USER NAME = pimsarno	DRAWN - PHP	REVISED -
	PLOT SCALE = 50.0000' / in.	CHECKED - DBM	REVISED -
	PLOT DATE = 9/15/2013	DATE - 9/15/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

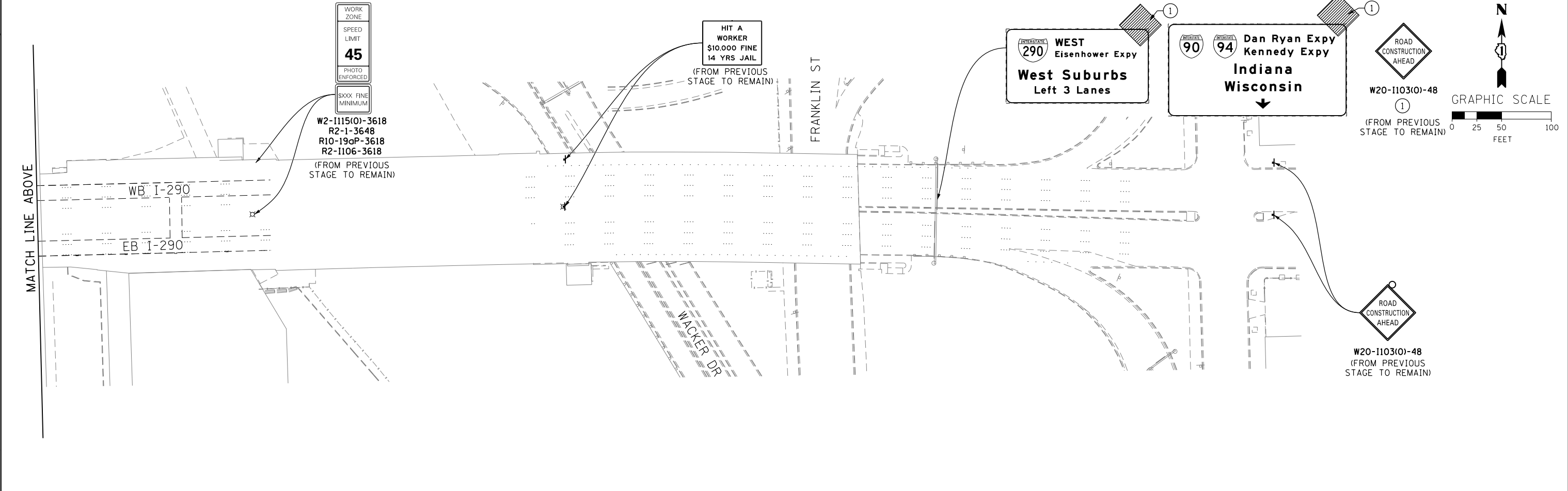
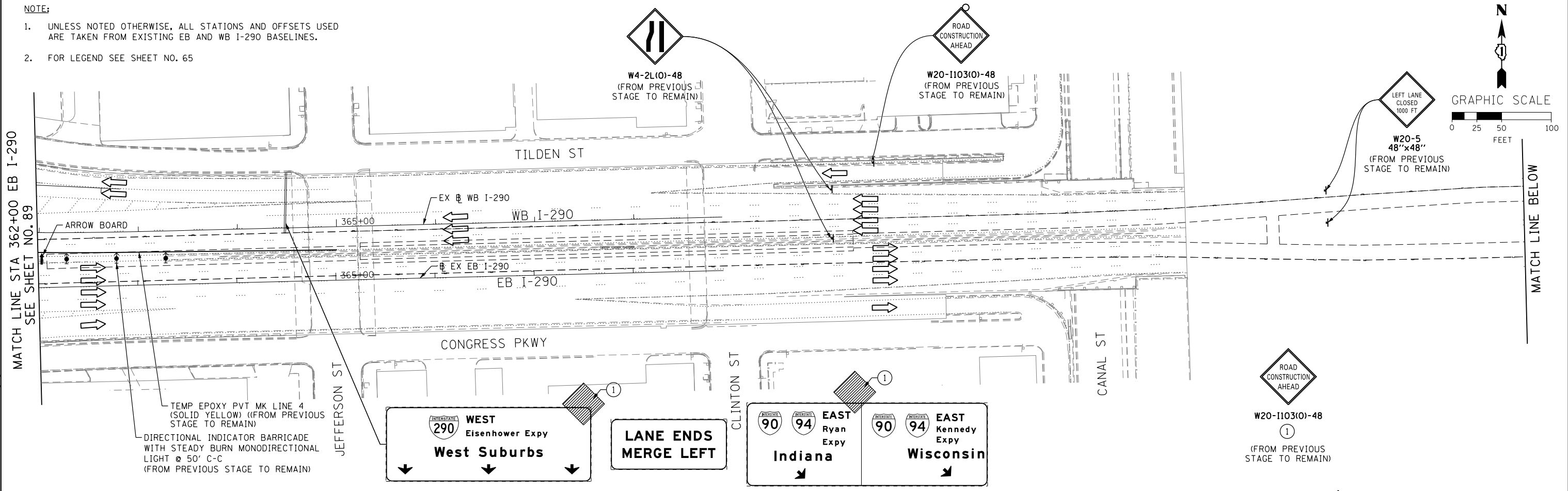
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
MAINLINE STAGING 2A

SCALE: 1" = 50' SHEET 3 OF 8 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-008R	COUNTY COOK	TOTAL SHEETS 559	SHEET NO. 89
CONTRACT NO. 60W26				
ILLINOIS FED. AID PROJECT				

- NOTE:
- UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS USED ARE TAKEN FROM EXISTING EB AND WB I-290 BASELINES.
 - FOR LEGEND SEE SHEET NO. 65

MATCH LINE STA 362+00 EB I-290
SEE SHEET NO. 89



	D160W26-Sht-Staging2A-ML-04 USER NAME = pimsarno PLOT SCALE = 50.0000' / in. PLOT DATE = 9/15/2013	DESIGNED - OPS DRAWN - PHP CHECKED - DBM DATE - 9/15/13	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN MAINLINE STAGING 2A		F.A.I. RTE. 90/94/290 SECTION 2013-008R COUNTY COOK TOTAL SHEETS 559 SHEET NO. 90 CONTRACT NO. 60W26	ILLINOIS FED. AID PROJECT
	SCALE: 1" = 50' SHEET 4 OF 8 SHEETS STA. TO STA.							

FILE PATH = p:\388035-p\m\l\escomon\l\local\p\w\ec\m\0\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\1000_CAD\006_Roadway_Sheets\60W26-Sht-Staging2A-ML-04

TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES FROM PREVIOUS STAGE TO REMAIN

- AA TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- BB TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- CC TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- DD TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS) (TYP)
- EE TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- FF TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND @ 100' C-C (TYP) ON TANGENTS
- GG TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON RAMP TAPERS
- HH TEMP CONC BARRIER
- II IMP ATTN TEMP FRN TL3
- JJ DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C

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 8 (SOLID WHITE)
- D TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS) (TYP)
- E TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- F TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND @ 100' C-C (TYP) ON TANGENTS
- G TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON RAMP TAPERS
- H TEMP CONC BARRIER
- I IMP ATTN TEMP FRN TL3
- J DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C

EXIT 52A
Taylor St
Roosevelt Rd
1/4 MILE

EXIT 52A
Taylor St
Roosevelt Rd
1/4 MILE

NOTE:
1. UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS USED ARE TAKEN FROM SB I-90/94 BASELINE.
2. FOR LEGEND SEE SHEET NO. 65

2 SIGN PANEL - TYPE 3 WITH STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY AND CONCRETE FOUNDATIONS (SEE GROUND MOUNTED SIGN PANEL PLACEMENT) (FROM PREVIOUS STAGE TO REMAIN)

1A RELOCATE SIGN PANEL - TYPE 3 (FROM BRIDGE MOUNTED) (FROM PREVIOUS STAGE TO REMAIN)
1B WITH STRUCTURAL STEEL SIGN SUPPORT BREAKAWAY AND CONCRETE FOUNDATIONS (SEE GROUND MOUNTED SIGN PANEL PLACEMENT) (FROM PREVIOUS STAGE TO REMAIN)

TEMPORARY SOIL RETENTION SYSTEM (SEE STRUCTURAL PLANS FOR DETAIL, TYP)

END WORK ZONE SPEED LIMIT
G20-1103(O)-3660 (FROM PREVIOUS STAGE TO REMAIN)

END WORK ZONE SPEED LIMIT
G20-1103(O)-3660 (FROM PREVIOUS STAGE TO REMAIN)

(FROM PREVIOUS STAGE TO REMAIN)
ROAD CLOSED
R11-2 48"x30"

ROAD CONSTRUCTION AHEAD
W20-1103(O)-48 (FROM PREVIOUS STAGE TO REMAIN)

ROAD CLOSED TO THRU TRAFFIC
R11-4 60"x30" (FROM PREVIOUS STAGE TO REMAIN)

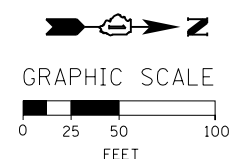
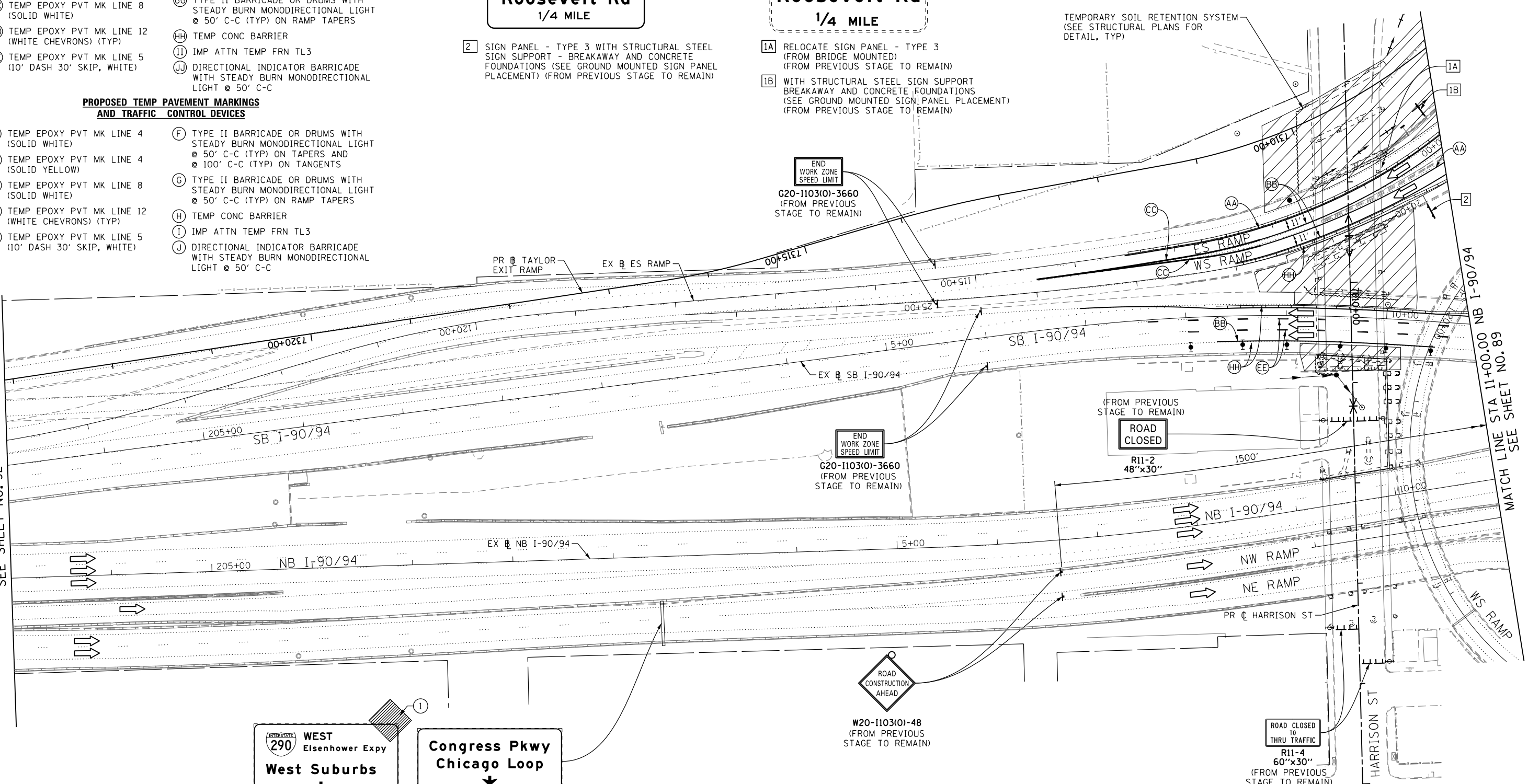
ROAD CONSTRUCTION AHEAD
W20-1103(O)-48 (FROM PREVIOUS STAGE TO REMAIN)

WEST
290 Eisenhower Expy
West Suburbs
↓

Congress Pkwy
Chicago Loop
↓

MATCH LINE STA 203+00.00 NB I-90/94 SEE SHEET NO. 92

MATCH LINE STA 11+00.00 NB I-90/94 SEE SHEET NO. 89



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
MAINLINE STAGING 2A

SCALE: 1" = 50' SHEET 5 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	91
CONTRACT NO. 60W26				
ILLINOIS FED. AID PROJECT				

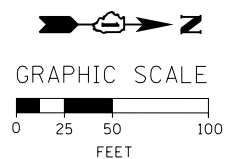
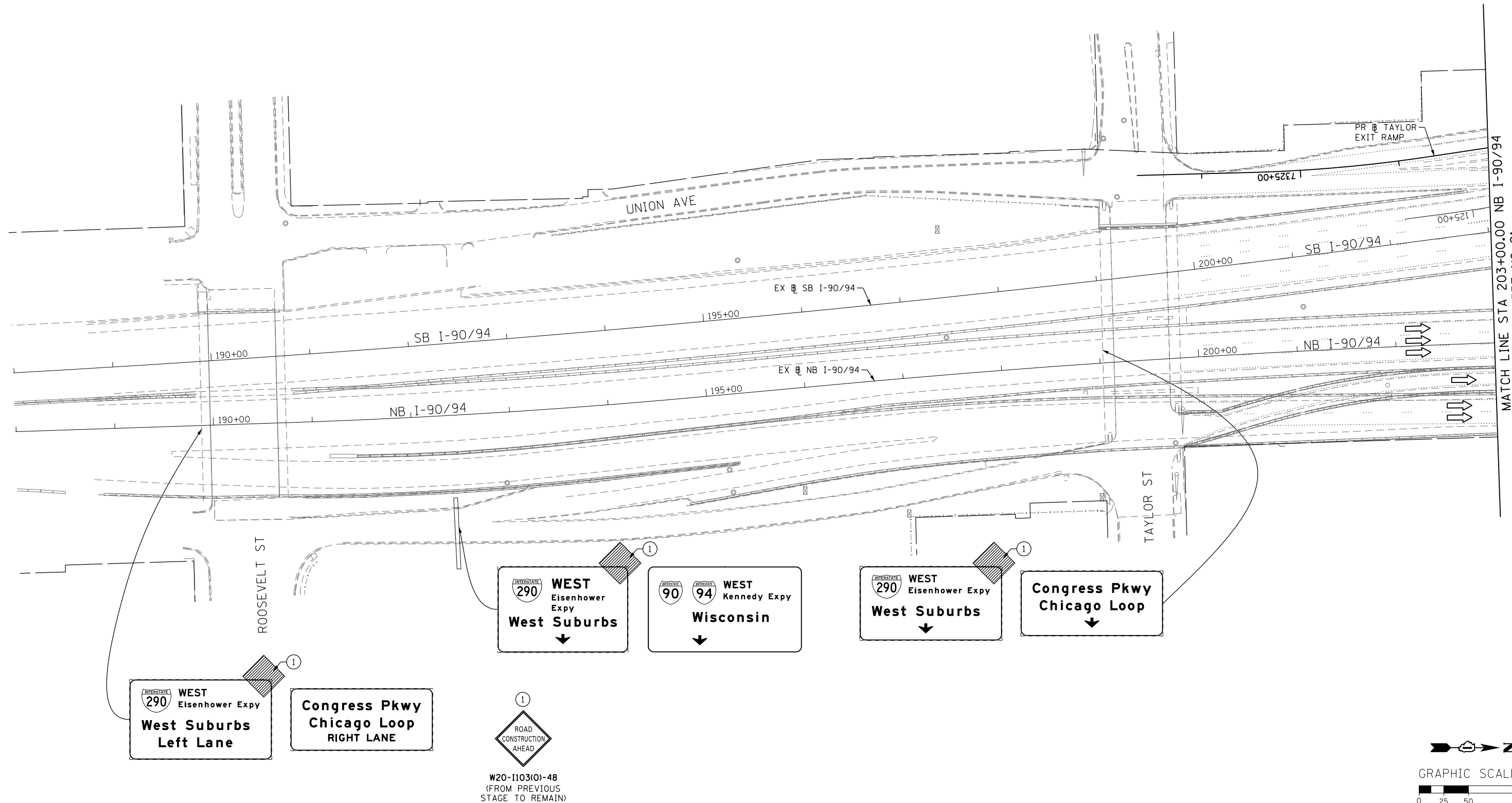
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	PLOT SCALE = 50.0000' / in.	CHECKED - DBM	REVISED -
	PLOT DATE = 9/15/2013	DATE - 9/15/13	REVISED -

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NOTE:

1. UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS USED ARE TAKEN FROM EXISTING NB AND SB I-90/94 BASELINES.
2. FOR LEGEND SEE SHEET NO. 65

FILE PATH = p:\388039\pmt\lsc\omni\me\local\p\wec\000\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\000_CAD\006_Roadway_Sheets\60W26_Contract\0160W26-Sht-Staging2A-ML-06



AECOM TranSystems	DI60W26-Sht-Staging2A-ML-06	DESIGNED - OPS	REVISED -
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	PLOT DATE = 9/15/2013	DATE - 9/15/13	REVISED -

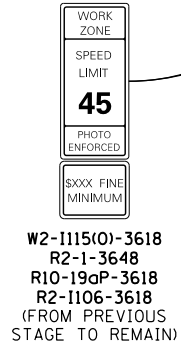
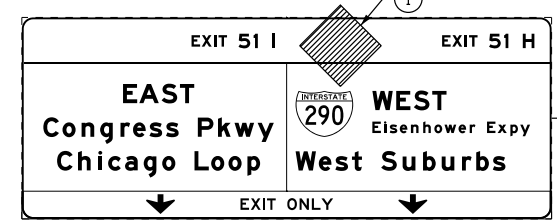
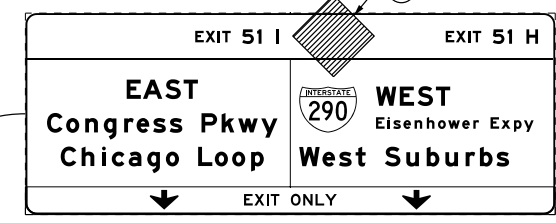
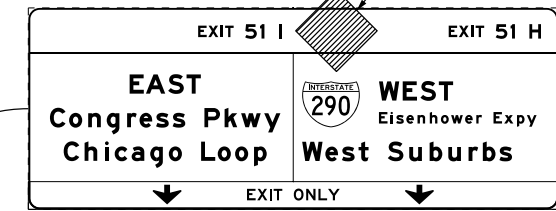
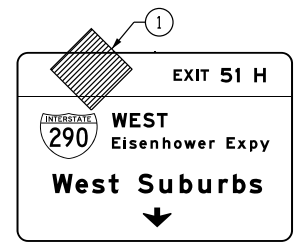
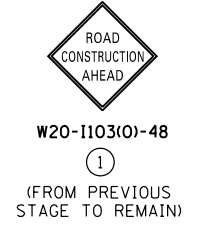
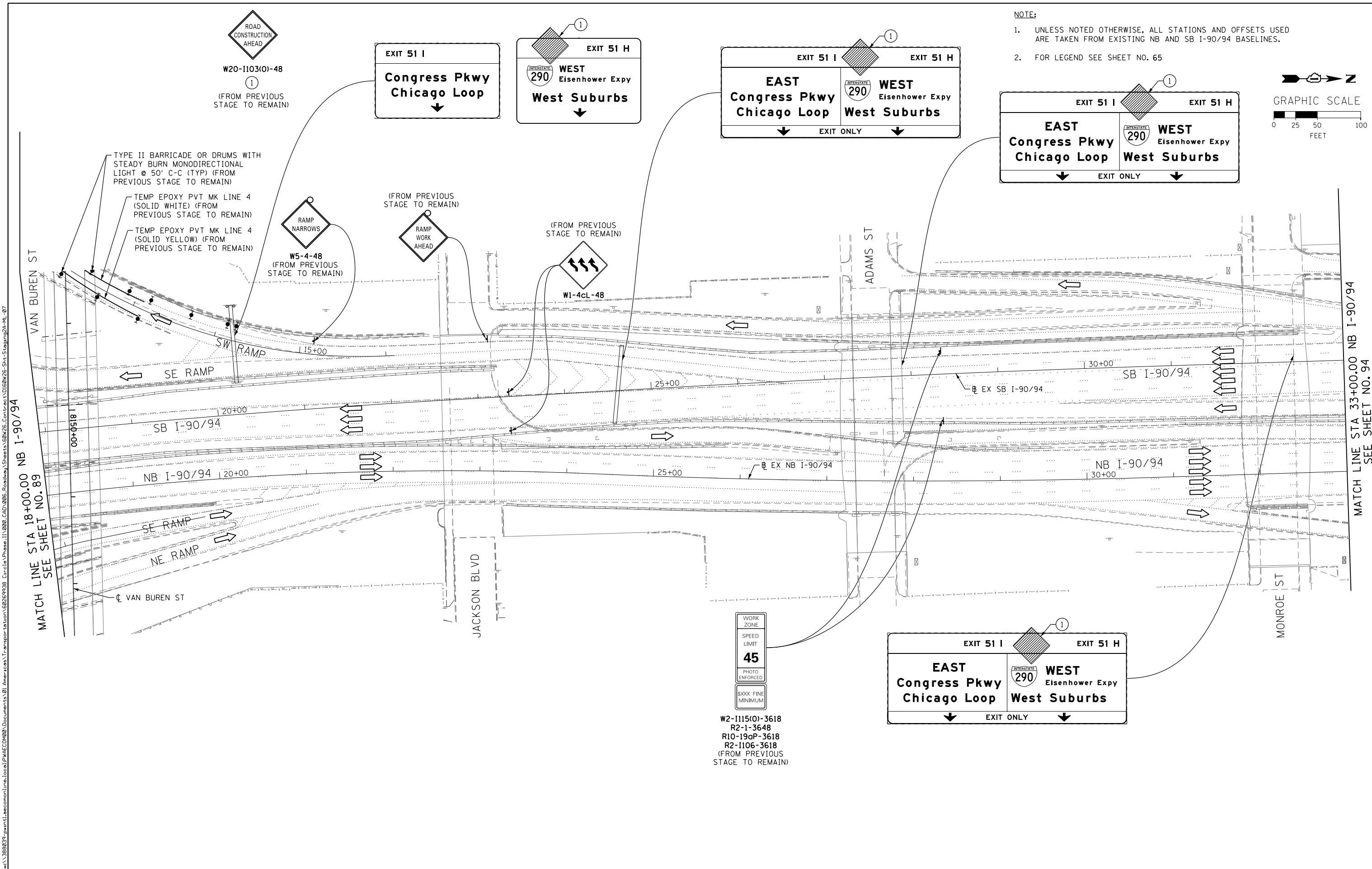
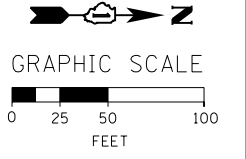
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
MAINLINE STAGING 2A**

SCALE: 1" = 50' SHEET 6 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	92
CONTRACT NO. 60W26				
ILLINOIS FED. AID PROJECT				

- NOTE:
- UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS USED ARE TAKEN FROM EXISTING NB AND SB I-90/94 BASELINES.
 - FOR LEGEND SEE SHEET NO. 65



FILE PATH = ... \388035-par\1-escomon\line\local\PAECD\000\Documents\01_Americas\Transportation\60269938_Circle\Phase\I\000_CAD\005_Roadway\Sheets\60W26_Contract\0160W26-Sht-Staging2A-ML-07



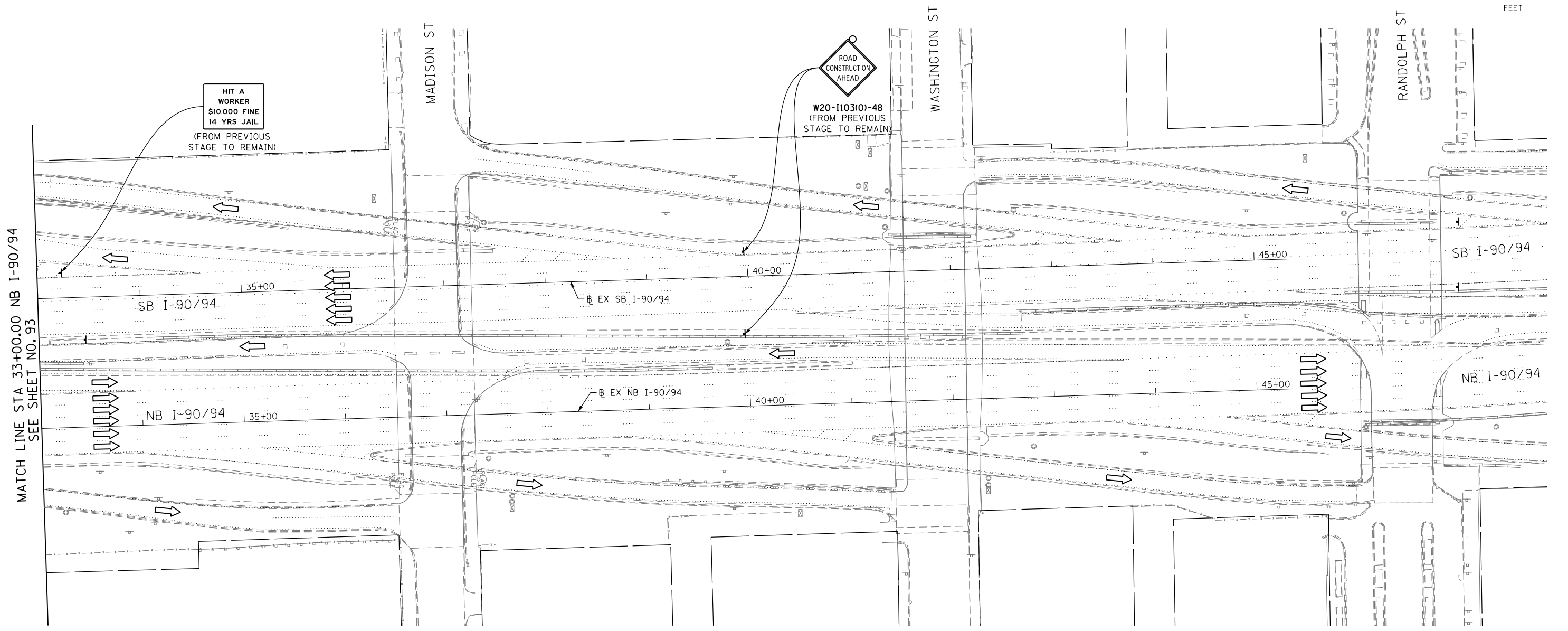
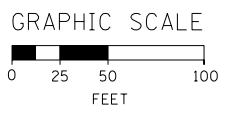
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USER NAME = pimsarno	DRAWN - PHP	REVISED -
PLOT SCALE = 50.0000' / in.	CHECKED - DBM	REVISED -
PLOT DATE = 9/15/2013	DATE - 9/15/13	REVISED -

DESIGNED - OPS	REVISED -
DRAWN - PHP	REVISED -
CHECKED - DBM	REVISED -
DATE - 9/15/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
MAINLINE STAGING 2A
SCALE: 1" = 50' SHEET 7 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	93
CONTRACT NO. 60W26				
ILLINOIS FED. AID PROJECT				



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	PLOT DATE = 9/15/2013	DATE - 9/15/13	REVISED -

DESIGNED - OPS	REVISED -
DRAWN - PHP	REVISED -
CHECKED - DBM	REVISED -
DATE - 9/15/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN MAINLINE STAGING 2A			
SCALE: 1" = 50'	SHEET 8	OF 8 SHEETS	STA. TO STA.

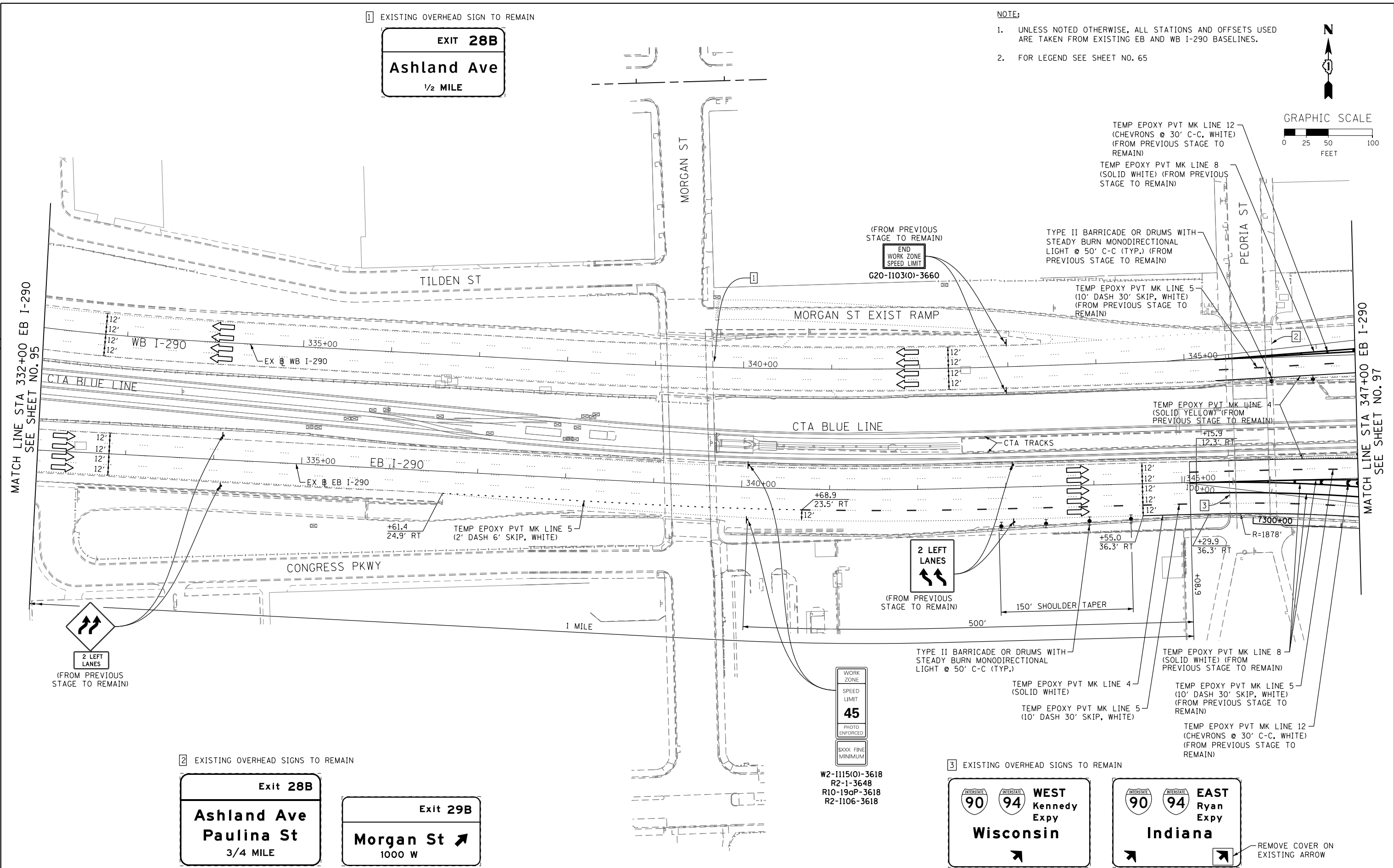
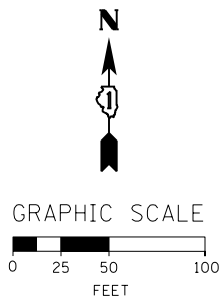
F.A.I. RTE. 90/94/290	SECTION 2013-008R	COUNTY COOK	TOTAL SHEETS 559	SHEET NO. 94
CONTRACT NO. 60W26				
ILLINOIS FED. AID PROJECT				

1 EXISTING OVERHEAD SIGN TO REMAIN

EXIT **28B**
Ashland Ave
 1/2 MILE

NOTE:

- UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS USED ARE TAKEN FROM EXISTING EB AND WB I-290 BASELINES.
- FOR LEGEND SEE SHEET NO. 65



2 EXISTING OVERHEAD SIGNS TO REMAIN

Exit **28B**
Ashland Ave
Paulina St
 3/4 MILE

Exit **29B**
Morgan St ↗
 1000 W

WORK ZONE
 SPEED LIMIT
45
 PHOTO ENFORCED
 SXXX FINE MINIMUM

W2-1115(O)-3618
 R2-1-3648
 R10-19aP-3618
 R2-1106-3618

3 EXISTING OVERHEAD SIGNS TO REMAIN

WEST Kennedy Expy
Wisconsin

EAST Ryan Expy
Indiana



D160W26-Sht-Staging2B-ML-02
 USER NAME = pimsarno
 PLOT SCALE = 50.0000' / 1" IN.
 PLOT DATE = 9/15/2013

DESIGNED - OPS
 DRAWN - PHP
 CHECKED - DBM
 DATE - 9/15/13

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
 MAINLINE STAGING 2B
 SCALE: 1" = 50' SHEET 2 OF 8 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-008R	COUNTY COOK	TOTAL SHEETS 559	SHEET NO. 96
CONTRACT NO. 60W26			ILLINOIS FED. AID PROJECT	

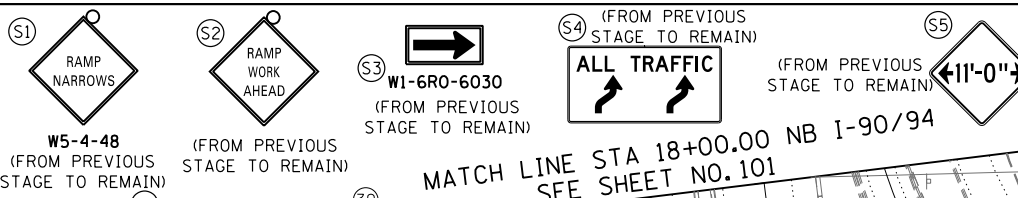
PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

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

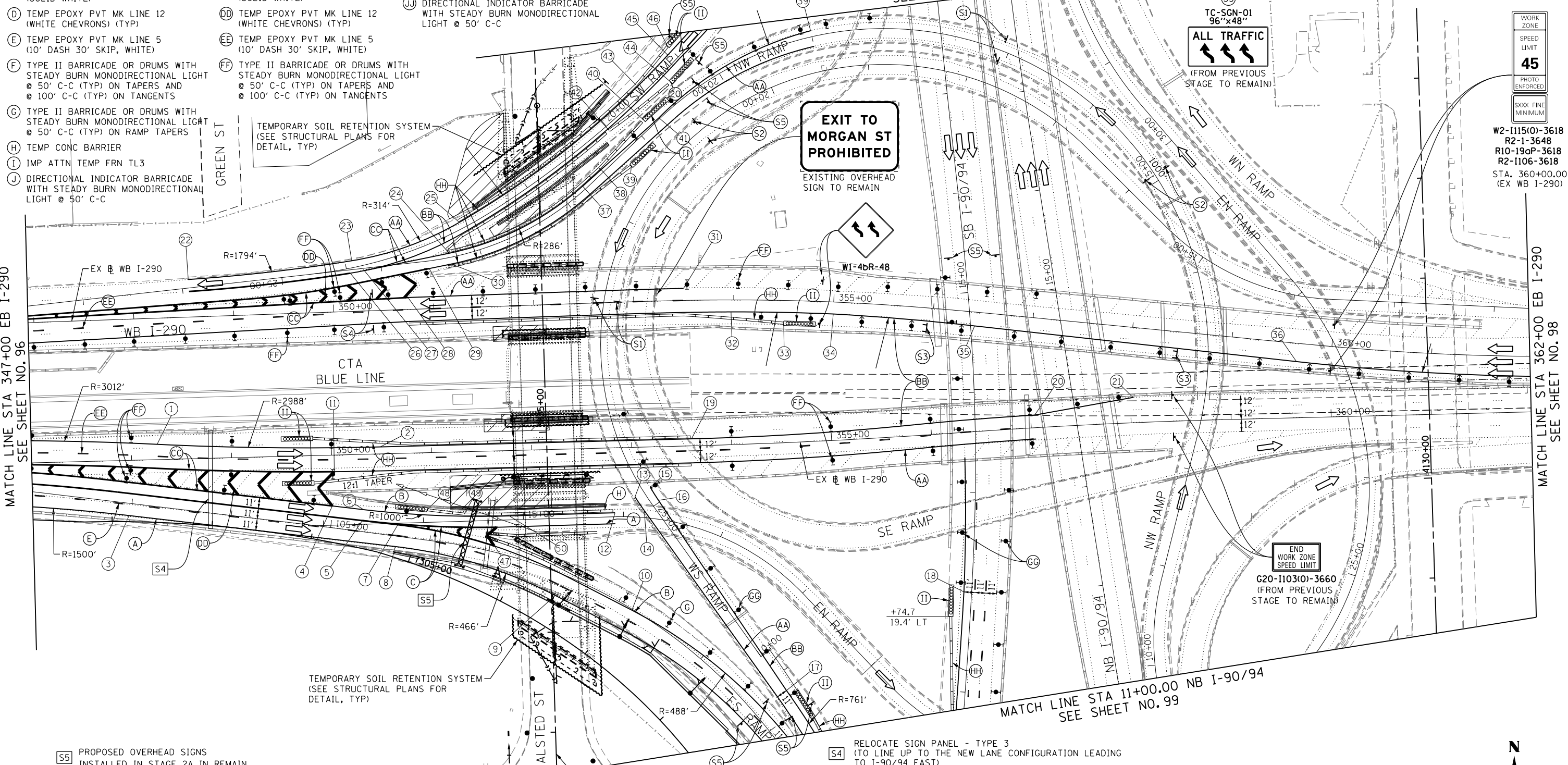
TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES FROM PREVIOUS STAGE TO REMAIN

- (AA) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (BB) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (CC) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (DD) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS) (TYP)
- (EE) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (FF) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND @ 100' C-C (TYP) ON TANGENTS

- (GG) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON RAMP TAPERS
- (HH) TEMP CONC BARRIER
- (II) IMP ATTN TEMP FRN TL3
- (JJ) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C



NOTES:
 1. UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS USED ARE TAKEN FROM EITHER EXISTING EB AND WB I-290 BASELINES
 2. SEE LAYOUT INFORMATION ON SHEET 69 & 70



MATCH LINE STA 347+00 EB I-290 SEE SHEET NO. 96

MATCH LINE STA 362+00 EB I-290 SEE SHEET NO. 98

EXIT TO MORGAN ST PROHIBITED
 EXISTING OVERHEAD SIGN TO REMAIN

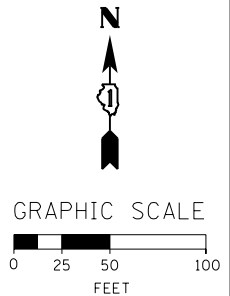
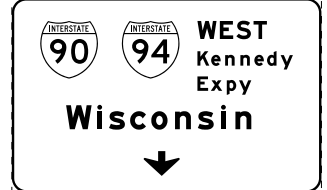
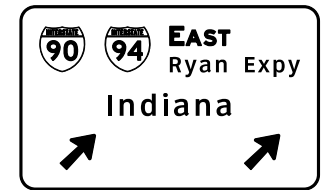
ALL TRAFFIC
 (FROM PREVIOUS STAGE TO REMAIN)

END WORK ZONE SPEED LIMIT
 G20-1103(0)-3660 (FROM PREVIOUS STAGE TO REMAIN)

WORK ZONE
 SPEED LIMIT
45
 PHOTO ENFORCED
 SIXX FINE MINIMUM
 W2-1115(0)-3618
 R2-1-3648
 R10-19aP-3618
 R2-1106-3618
 STA. 360+00.00
 (EX WB I-290)

(S5) PROPOSED OVERHEAD SIGNS INSTALLED IN STAGE 2A IN REMAIN

(S4) RELOCATE SIGN PANEL - TYPE 3 (TO LINE UP TO THE NEW LANE CONFIGURATION LEADING TO I-90/94 EAST)



D160W26-Sht-Staging2B-ML-03
 USER NAME = pimsarno
 PLOT SCALE = 50.0000' / in.
 PLOT DATE = 9/15/2013

DESIGNED - OPS	REVISED -
DRAWN - PHP	REVISED -
CHECKED - DBM	REVISED -
DATE - 9/15/13	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

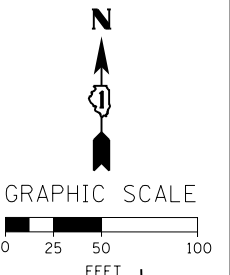
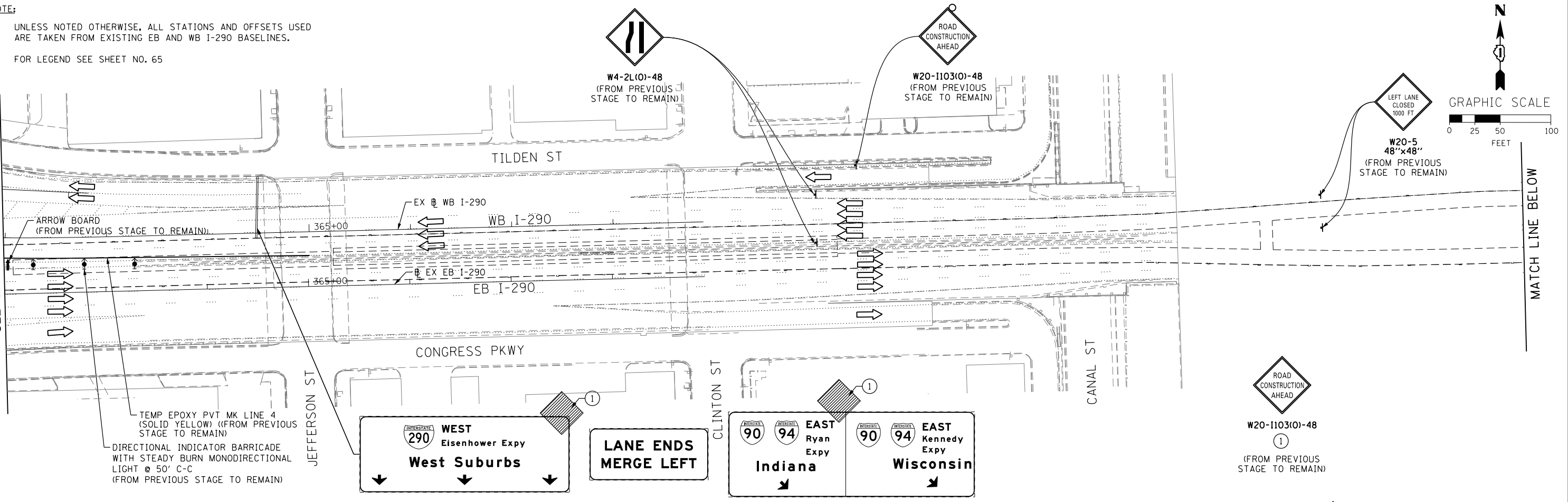
**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
 MAINLINE STAGING 2B**

SCALE: 1" = 50' SHEET 3 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	97
CONTRACT NO. 60W26				
ILLINOIS FED. AID PROJECT				

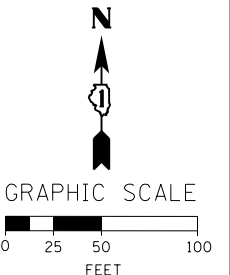
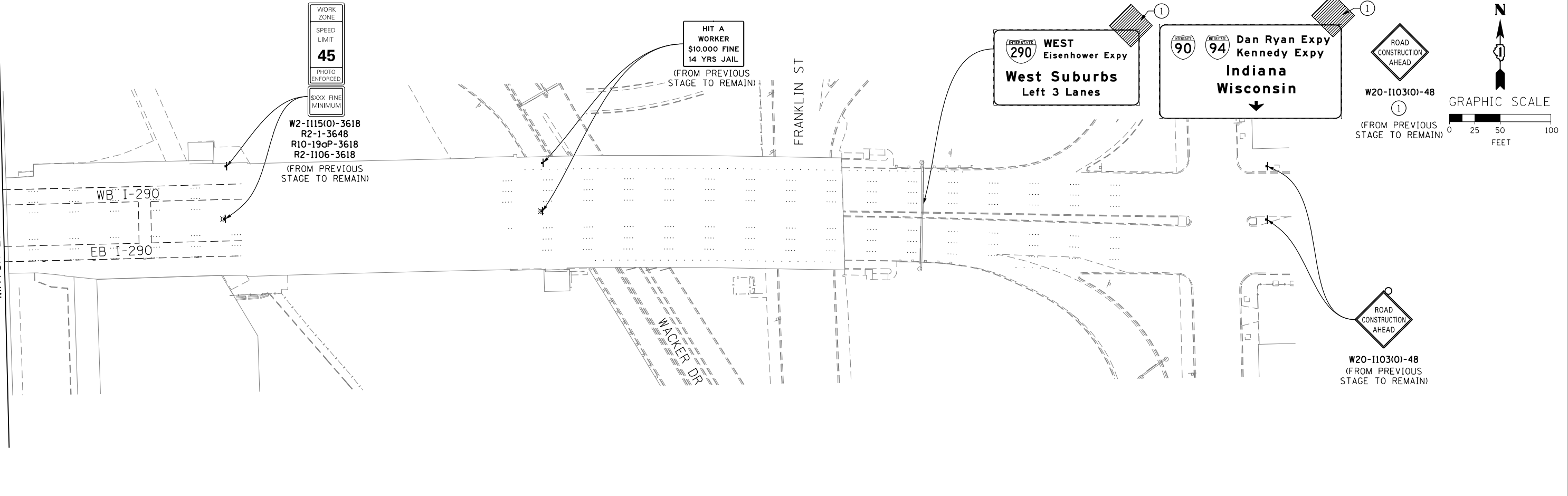
- NOTE:
- UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS USED ARE TAKEN FROM EXISTING EB AND WB I-290 BASELINES.
 - FOR LEGEND SEE SHEET NO. 65

MATCH LINE STA 362+00 EB I-290
SEE SHEET NO. 97



MATCH LINE BELOW

MATCH LINE ABOVE



	D160W26-Sht-Staging2B-ML-04 USER NAME = pimsarno PLOT SCALE = 50.0000' / in. PLOT DATE = 9/15/2013	DESIGNED - OPS DRAWN - PHP CHECKED - DBM DATE - 9/15/13	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN MAINLINE STAGING 2B		F.A.I. RTE. 90/94/290 SECTION 2013-008R COUNTY COOK TOTAL SHEETS 559 SHEET NO. 98	CONTRACT NO. 60W26 ILLINOIS FED. AID PROJECT
	SCALE: 1" = 50' SHEET 4 OF 8 SHEETS STA. TO STA.							

FILE PATH = p:\388035\pmt\escomon\line\local\p\wec\040\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\1000_CAD\006_Roadway_Sheets\60W26-Sht-Staging2B-ML-04

TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES FROM PREVIOUS STAGE TO REMAIN

- AA TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- BB TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- CC TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- DD TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS) (TYP)
- EE TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- FF TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND @ 100' C-C (TYP) ON TANGENTS
- GG TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON RAMP TAPERS
- HH TEMP CONC BARRIER
- II IMP ATTN TEMP FRN TL3
- JJ DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C

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 8 (SOLID WHITE)
- D TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS) (TYP)
- E TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- F TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND @ 100' C-C (TYP) ON TANGENTS
- G TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON RAMP TAPERS
- H TEMP CONC BARRIER
- I IMP ATTN TEMP FRN TL3
- J DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C

EXIT 52A
Taylor St
Roosevelt Rd
1/4 MILE

EXIT 52A
Taylor St
Roosevelt Rd
1/4 MILE

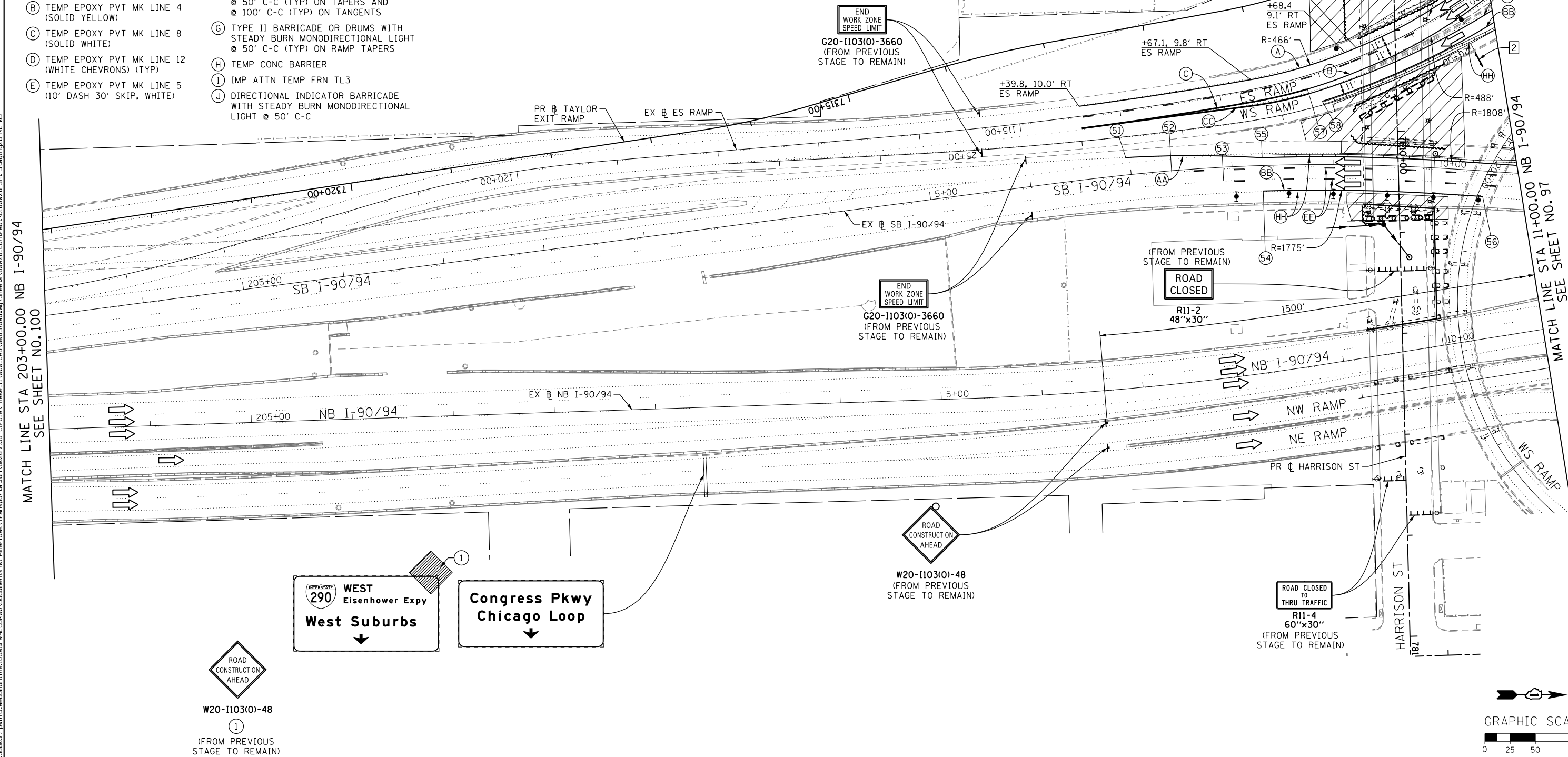
- NOTE:
- UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS USED ARE TAKEN FROM SB I-90/94 BASELINE.
 - FOR LEGEND SEE SHEET NO. 65
 - SEE LAYOUT INFORMATION ON SHEETS 69 & 70

2 SIGN PANEL - TYPE 3 WITH STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY AND CONCRETE FOUNDATIONS (SEE GROUND MOUNTED SIGN PANEL PLACEMENT) (FROM PREVIOUS STAGE TO REMAIN)

1A RELOCATE SIGN PANEL - TYPE 3 (FROM BRIDGE MOUNTED) (FROM PREVIOUS STAGE TO REMAIN)

1B WITH STRUCTURAL STEEL SIGN SUPPORT BREAKAWAY AND CONCRETE FOUNDATIONS (SEE GROUND MOUNTED SIGN PANEL PLACEMENT) (FROM PREVIOUS STAGE TO REMAIN)

TEMPORARY SOIL RETENTION SYSTEM (SEE STRUCTURAL PLANS FOR DETAIL, TYP)



MATCH LINE STA 203+00.00 NB I-90/94 SEE SHEET NO. 100

MATCH LINE STA 11+00.00 NB I-90/94 SEE SHEET NO. 97

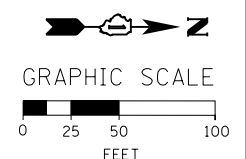
WEST
Eisenhower Expy
West Suburbs
↓

Congress Pkwy
Chicago Loop
↓

W20-1103(0)-48
1
(FROM PREVIOUS STAGE TO REMAIN)

W20-1103(0)-48
(FROM PREVIOUS STAGE TO REMAIN)

R11-4
60"x30"
(FROM PREVIOUS STAGE TO REMAIN)



AECOM	D160W26-Sht-Staging2B-ML-05	DESIGNED - OPS	REVISED -
	USER NAME = pimsarno	DRAWN - PHP	REVISED -
	PLOT SCALE = 50.0000' / in.	CHECKED - DBM	REVISED -
	PLOT DATE = 9/15/2013	DATE - 9/15/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
MAINLINE STAGING 2B

SCALE: 1" = 50' SHEET 5 OF 8 SHEETS STA. TO STA.

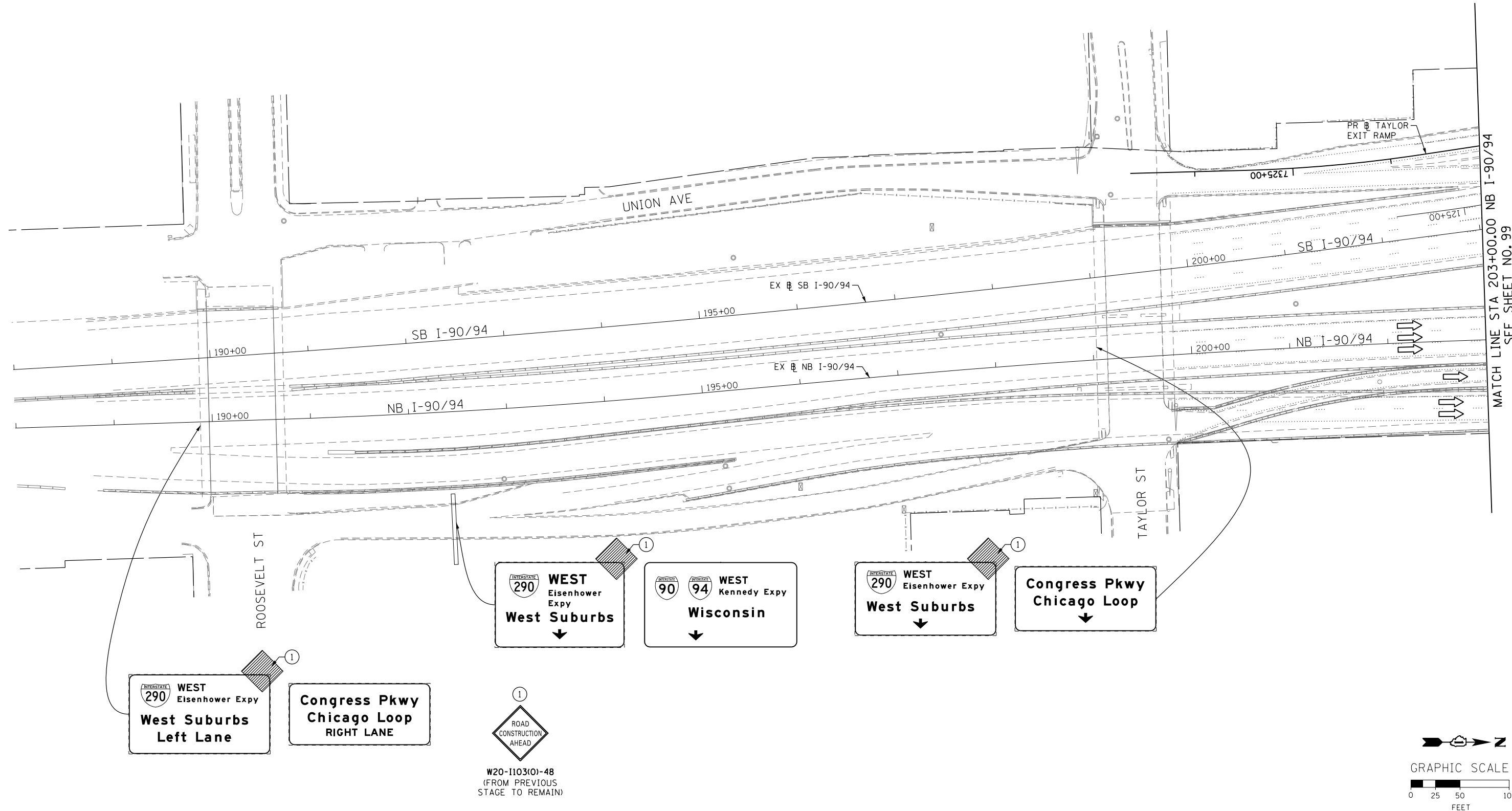
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	99
CONTRACT NO. 60W26				
ILLINOIS FED. AID PROJECT				

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NOTE:

1. UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS USED ARE TAKEN FROM EXISTING NB AND SB I-90/94 BASELINES.
2. FOR LEGEND SEE SHEET NO. 65

FILE PATH = p:\388039-para\1\escomon\line\local\PAECD\000\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\000_CAD\006_Roadway\Sheets\60W26_Contract\0160W26-Sht-Staging2B-ML-06



	D160W26-Sht-Staging2B-ML-06 USER NAME = pimsarno PLOT SCALE = 50.0000' / in. PLOT DATE = 9/15/2013	DESIGNED - OPS DRAWN - PHP CHECKED - DBM DATE - 9/15/13	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN MAINLINE STAGING 2B		F.A.I. RTE. 90/94/290 SECTION 2013-008R COUNTY COOK CONTRACT NO. 60W26	TOTAL SHEETS 559 SHEET NO. 100
	SCALE: 1" = 50' SHEET 6 OF 8 SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT						