

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

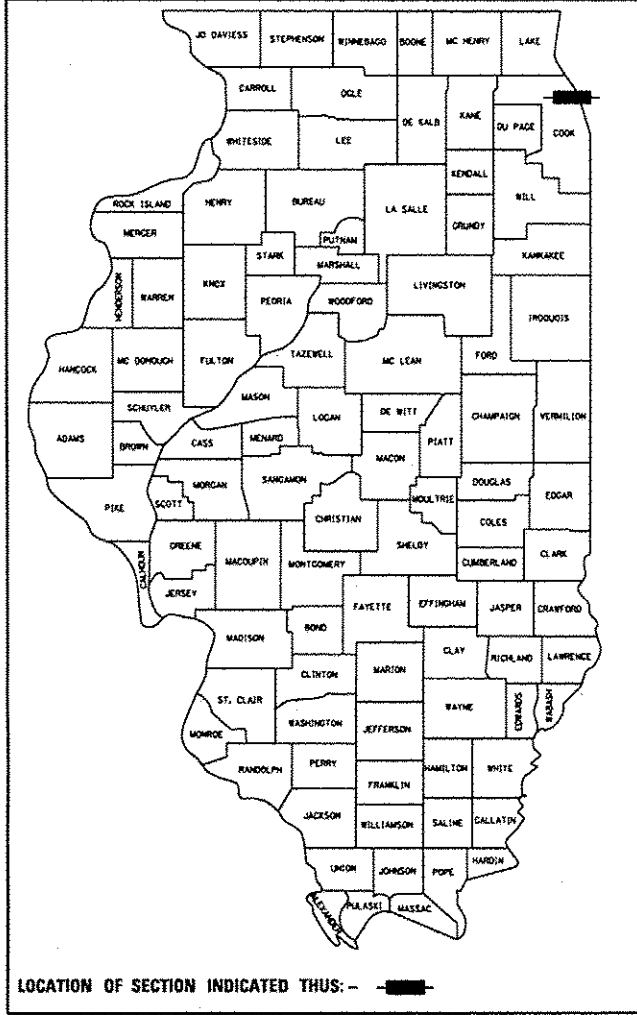
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**PROPOSED
HIGHWAY PLANS**

*854-12
+34=876

F.A.I. RTE. 90/94/290	SECTION 2013-010R	COUNTY COOK	TOTAL SHEETS 171	SHEET NO. 1
ILLINOIS			CONTRACT NO. 60W28	

PROJECT LOCATED IN CITY OF CHICAGO

D-91-227-13



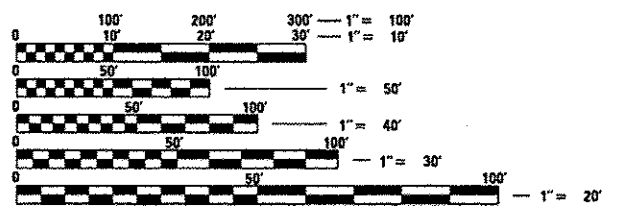
DESIGN DESIGNATIONS:	POSTED /DESIGN SPEEDS:
HALSTED STREET 23,000(2040) MINOR ARTERIAL (URBAN)	30 /30 MPH
HARRISON STREET 17,000(2040) COLLECTOR (URBAN)	25 /25 MPH
PEORIA STREET 0(2040) PEDESTRIAN BRIDGE	N/A MPH
SB I-90/94 98,000(2040) INTERSTATE	45 /60 MPH
NB I-90/94 81,000(2040) INTERSTATE	45 /60 MPH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

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

NPDES PERMIT INFORMATION	
Area =	NPDES Disturbed 7.56 Acres
Approximate Location of Roadway is :	
Longitude	87° 38' 44.95" W
Latitude	41° 52' 32.06" N

 Danny B. Manojlovski LICENSE EXPIRES 11/30/2015 SHEET RANGE	 Kevin C. Fuhr LICENSE EXPIRES 11/30/2015 SHEET RANGE
 William D. Stermer LICENSE EXPIRES 11/30/2015 SHEET RANGE	 Amish T. Bhatt LICENSE EXPIRES 11/30/2014 SHEET RANGE
 Chad R. Luciani LICENSE EXPIRES 11/30/2015 SHEET RANGE	 Brad M. Radovich LICENSE EXPIRES 11/30/2014 SHEET RANGE
 Edward E. Younis LICENSE EXPIRES 11/30/2015 SHEET RANGE	 Dajin Liu LICENSE EXPIRES 11/30/2014 SHEET RANGE

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

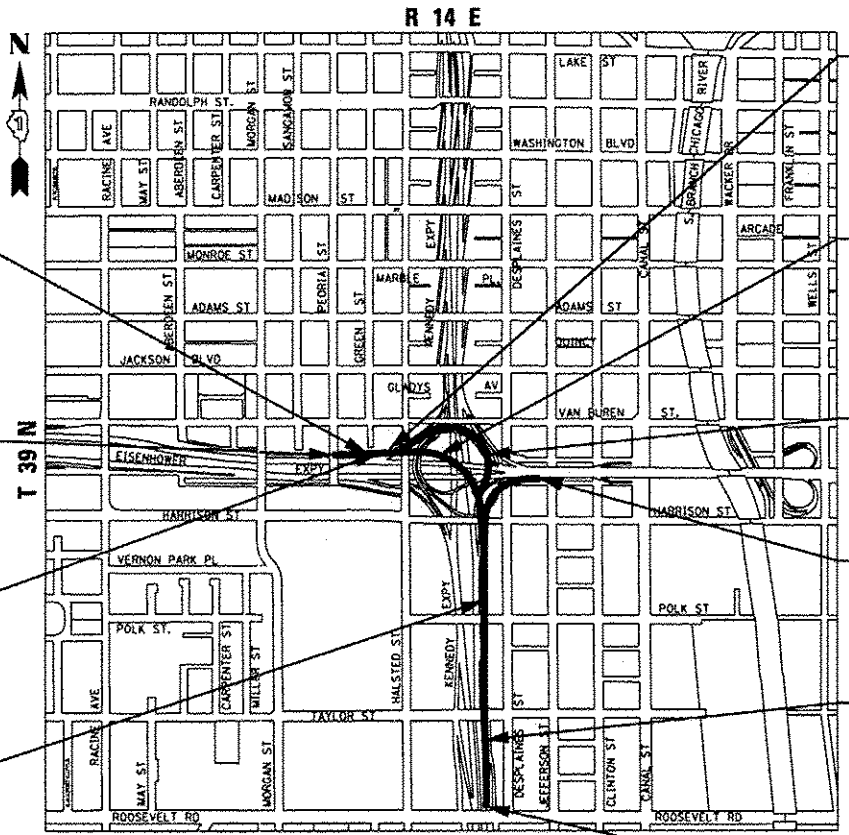


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: LISA CHRZASC
PROJECT MANAGER: BRIAN KUTTAB
CONTRACT NO. 60W28

- RETAINING WALL 3
SN 016-1722
STA 1838 + 15.67 TO
STA 1841 + 50.00
- END PROJECT LIMIT
STA 1842 + 02.61
- RETAINING WALL 4
SN 016-1723
STA 1838 + 23.17 TO
STA 1841 + 26.23
- RETAINING WALL 1
SN 016-1720
STA 1813 + 60.00 TO
STA 1818 + 53.67 (WEST WALL)
STA 1816 + 00.00 TO
STA 1818 + 46.17 (EAST WALL)



GROSS LENGTH = 3562.61 FT. (0.675 MILES)
NET LENGTH = 3562.61 FT. (0.675 MILES)

- RETAINING WALL 40
SN 016-1809
STA 1322 + 49.13 TO
STA 1325 + 11.44
- RAMP NW FLYOVER
SN 016-1705
STA 1818 + 45.67 TO
STA 1838 + 23.67
- RAMP NW DEMOLITION
SN 016-2449
- RAMP NE DEMOLITION
SN 016-2451
- RETAINING WALL 2
SN 016-2024
STA 1808 + 66.41 TO
STA 1824 + 66.01

BEGIN PROJECT LIMIT
STA. 1806 + 40.00



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
SUBMITTED March 20 2014
John D. Baranzelli, P.E.
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
May 9 2014
John D. Baranzelli, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT
May 9 2014
Onur 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

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420111-03	PCC PAVEMENT ROUNDOUTS
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DIGSW2B-shr-Cannota-01	DESIGNED - OPS	REVISED - 05/27/2014
USER NAME - douglaugh	DRAWN - OPS	REVISED -
PLOT SCALE - 100.0000 / in.	CHECKED - DBM	REVISED -
PLOT DATE - 5/27/2014	DATE - 04/28/14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF DRAWINGS AND HIGHWAY STANDARDS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	2
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	

GENERAL NOTES

1. SEVENTY-TWO (72) HOURS BEFORE STARTING EXCAVATION, THE CONTRACTOR SHALL CALL CUAN (CHICAGO UTILITY ALERT NETWORK) AT (312) 744-7000 TO HAVE THE LOCATION OF EXISTING UNDERGROUND UTILITIES MARKED IN THE FIELD.
2. A MINIMUM OF SEVENTY-TWO (72) HOURS PRIOR TO ANY PLACEMENT OR RELOCATION OF MAINTENANCE OF TRAFFIC DEVICES, CONTACT ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT) DISTRICT 1 BUREAU OF TRAFFIC.
3. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS TO PERFORM WORK.
4. TEN FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED ITEMS OF WORK TO EXISTING ITEMS IN THE FIELD UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEM OF WORK SPECIFIED.
5. ALL ELEVATIONS IN THE PLANS ARE BASED UPON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAV88). THE CONVERSION OF NORTH AMERICAN VERTICAL DATUM OF 1988 (NAV88) TO CITY OF CHICAGO DATUM IS APPROXIMATELY 579.19 FEET.
6. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE OR CITY PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT OR THE CITY OF CHICAGO.
7. THE CONTRACTOR SHALL PROVIDE AN ENGINEER'S FIELD OFFICE FOR THIS CONTRACT. SEE ENGINEER'S FIELD OFFICE TYPE A (SPECIAL) SPECIAL PROVISION FOR ADDITIONAL INFORMATION.
8. THE IDOT HIGHWAY STANDARDS LATEST REVISION NUMBERS SHALL APPLY TO THIS PROJECT.
9. CONFLICTS MAY OCCUR BETWEEN THE ROADWAY PLANS AND RIGHT-OF-WAY PLANS. THE RIGHT-OF-WAY PLANS SHALL TAKE PRECEDENCE IN CONFLICTS IN RIGHT-OF-WAY OR EASEMENTS. THE ROADWAY PLANS SHALL TAKE PRECEDENCE IN ITEMS FOR CONSTRUCTION.
10. EXCEPT WHERE DESIGNATED OTHERWISE, THE LOCATIONS AND/OR DEPTHS OF UNDERGROUND UTILITIES SHOWN HAVE BEEN TAKEN FROM OFFICE RECORD INFORMATION FURNISHED BY THE UTILITY OWNERS AND THE SUE SURVEYS. ALL UNDERGROUND UTILITIES MUST BE CONSIDERED APPROXIMATE.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN IN THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER. THIS WORK WILL BE AT THE CONTRACTORS EXPENSE.
12. THE CONTRACTOR SHALL COORDINATE WORK WITH RAILROADS AND UTILITIES IN ADVANCE OF WORKING IN THE VICINITY OF THEIR FACILITIES, AND ALLOW SUFFICIENT TIME FOR THEM TO PERFORM ADJUSTMENTS TO THEIR FACILITIES IN ACCORDANCE WITH THE CONTRACTOR'S SCHEDULE. COORDINATION EFFORTS SHALL BE INCLUDED IN THE COST OF THE CONTRACT BID PRICE.
13. THE CONTRACTOR MUST CALL THE IDOT ELECTRICAL MAINTENANCE CONTRACTOR TO LOCATE IDOT FACILITY CABLES.
14. CHICAGO TRANSIT AUTHORITY (CTA) REPRESENTATIVE WILL BE MR. ABDIN CARRILLO, PROJECT MANAGER, CONSTRUCTION OVERSIGHT. THE CONTRACTOR SHALL NOTIFY CTA REPRESENTATIVE AT 312-681-3933 72 HOURS IN ADVANCE OF THE TIME HE INTENDS TO ENTER UPON THE CTA RIGHT-OF-WAY OR DIRECTLY ABOVE CTA RAIL TUNNELS FOR THE PERFORMANCE OF ANY WORK. SEE CTA FLAGGING AND COORDINATION SPECIAL PROVISION FOR ADDITIONAL INFORMATION.
15. PLAN DIMENSIONS AND DETAILS RELATIVE TO CHICAGO TRANSIT AUTHORITY (CTA) TRACK AND TUNNELS ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. PROPOSED CONSTRUCTION OCCURS ADJACENT TO AND OVER OPERATING CTA TRACKS WITHIN TUNNELS. SPECIAL CARE MUST BE USED DURING CONSTRUCTION OPERATIONS AROUND THE CTA INFRASTRUCTURE. ALL EXCAVATIONS NEAR THE CTA INFRASTRUCTURE MUST UTILIZE HAND DIGGING OR OTHER METHODS APPROVED IN ADVANCE BY THE CTA. ANY PROPOSED EQUIPMENT OR MATERIAL STORAGE, EQUIPMENT OPERATIONS OR OTHER ACTIVITIES DEEMED TO BE CONCERNS BY THE CTA REPRESENTATIVE OR THE ENGINEER SHALL BE APPROVED BY THE CTA AT LEAST 72 HOURS IN ADVANCE. APPROVAL SHALL BE BASED UPON A REVIEW IDENTIFIED IN THE CTA FLAGGING AND COORDINATION SPECIAL PROVISION. ADDITIONALLY, CTA, AT THEIR DISCRETION, MAY POST PERSONNEL WITHIN THEIR TUNNEL FACILITIES DURING CONTRACTOR OPERATIONS ABOVE OR ADJACENT TO THE TUNNEL INFRASTRUCTURE.
16. THE PROPOSED EMBANKMENT SHALL BE BENCHED INTO THE EXISTING SLOPES TO THE SATISFACTION OF THE ENGINEER. SEE DISTRICT 1 DETAILS FOR BENCHING DETAIL.

17. THE ACTUAL NEED FOR "AGGREGATE SUBGRADE IMPROVEMENT" SHALL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHALL BE TESTED WITH A STATIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.4 OF THE STANDARD SPECIFICATIONS AND THE UNDERCUT GUIDELINES IN THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT) DISTRICT 1 AGGREGATE SUBGRADE IMPROVEMENT SPECIAL PROVISION. IF UNSTABLE AND/OR UNSUITABLE MATERIALS ARE ENCOUNTERED AT THE PROPOSED SUBGRADE LEVEL, THESE SOILS SHALL BE REMOVED AND REPLACED WITH AGGREGATE SUBGRADE IMPROVEMENT AS DETERMINED BY THE GEOTECHNICAL ENGINEER. ANY AGGREGATE SUBGRADE IMPROVEMENT NOT NEEDED AT THE TIME OF CONSTRUCTION SHOULD BE DELETED FROM THE CONTRACT WITH NO EXTRA COMPENSATION TO THE CONTRACTOR.

18. ALL ROADWAY WIDTHS AND RADII SHOWN ON THE PLANS ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

19. ALL CDOT SEWER CONNECTIONS WITH PIPES 27 INCHES IN DIAMETER AND SMALLER SHALL BE MADE WITH PRECAST "TEE" OR "ELBOW" PIPES. FOR PROPOSED STORM SEWERS LARGER THAN 27 INCHES IN DIAMETER, OPENINGS OF THE SPECIFIED DIAMETER SHALL BE IN THE PIPE AT THE TIME IT IS MANUFACTURED. PRECAST "TEE" AND "ELBOW" PIPE CONNECTIONS FOR PROPOSED STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST FOR THE STORM SEWERS.

20. STORM SEWER (WATER MAIN REQUIREMENTS) AND COMBINED SEWER (WATER MAIN REQUIREMENTS) ARE TO BE USED AT LOCATIONS WHERE LATERAL SEPARATION BETWEEN THE SEWER AND WATER MAIN IS LESS THAN 10 FT AND THE VERTICAL SEPARATION IS LESS THAN 1.5 FT. DUCTILE IRON PIPE WITH RUBBER GASKET JOINTS SHALL BE USED FOR ALL STORM SEWER (WATER MAIN REQUIREMENTS).

21. THE OFFSETS AND TOP OF FRAME OR LID ELEVATIONS FOR DRAINAGE STRUCTURES WERE DETERMINED USING THE CRITERIA LISTED BELOW UNLESS OTHERWISE NOTED:

- A. THE OFFSETS TO ALL INLETS AND CATCH BASINS IN ROADWAYS WITH BARRIER WALL ARE TO THE EDGE OF SHOULDER.
- B. THE OFFSETS TO ALL INLETS AND CATCH BASINS IN CURBED ROADWAYS ARE TO THE EDGE OF PAVEMENT OR EDGE OF SHOULDER. STRUCTURES LOCATED IN THE GUTTER SHALL BE TURNED SO THAT THE FRAME IS FURTHEST FROM THE CENTER LINE OF THE ROAD UNLESS OTHERWISE NOTED ON THE PLANS.
- C. THE OFFSETS TO MANHOLES, STRUCTURES IN CORE AREAS, AND STRUCTURES IN INFIELD AREAS ARE TO THE CENTER OF THE STRUCTURE.

22. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

23. THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT-MIX ASPHALT MIXTURE IS PLACED.

24. WHEN THE PAVEMENT CONSTRUCTED IS PORTLAND CEMENT CONCRETE BASE COURSE OR PORTLAND CEMENT CONCRETE PAVEMENT, IT SHALL NOT BE OPENED TO TRAFFIC, INCLUDING CONSTRUCTION TRAFFIC, UNTIL AFTER THE SPECIFIED CURING PERIOD AS DEFINED IN ARTICLE 701.17(c) OF THE STANDARD SPECIFICATIONS AND UNTIL THE JOINTS HAVE BEEN SEALED.

25. ALL REINFORCEMENT BARS, DOWEL BARS, AND TIE BARS SHOULD BE EPOXY COATED UNLESS OTHERWISE NOTED IN THE PLANS.

26. IF ANY UNUSUAL MATERIALS ARE UNCOVERED OR THERE ARE SUSPICIONS OF EXISTING UNDERGROUND STORAGE TANKS, THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK (LUST) CLEANUPS OR THAT IS PREQUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.

27. DRAINAGE GRADES SHALL BE VERIFIED IN FIELD PRIOR TO INSTALLATION OF DRAINAGE ITEMS.

28. CONNECTING EXISTING DRAINAGE SYSTEMS TO PROPOSED DRAINAGE SYSTEMS SHALL BE INCLUDED IN THE COST OF THE PROPOSED DRAINAGE ITEMS. CARE SHALL BE TAKEN BY THE CONTRACTOR TO NOT DAMAGE THE EXISTING DRAINAGE SYSTEMS. ANY DAMAGE CAUSED BY THE CONTRACTOR TO THE EXISTING DRAINAGE SYSTEMS SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE AND TO THE SATISFACTION OF THE ENGINEER. NO ADDITIONAL COMPENSATION SHALL BE PROVIDED.

29. ALL PROPOSED PIPE CONNECTIONS INTO AN EXISTING DRAINAGE STRUCTURE SHALL BE CORE DRILLED AND INCLUDED IN THE COST OF STORM SEWERS. NO ADDITIONAL COMPENSATION WILL BE PROVIDED.

30. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE ON JOB SITE DURING CONSTRUCTION.

31. THE INVERT ELEVATIONS FOR DRAINAGE SYSTEM MUST BE PRECAST INTO DRAINAGE STRUCTURE. THE INVERT ELEVATIONS WILL BE DETERMINED BY THE DRAINAGE SYSTEM DESIGNED BY THE CONTRACTOR.

32. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING EXISTING PLANT MATERIAL.

33. AN ESTIMATED QUANTITY OF 250 TONS OF AGGREGATE FOR TEMPORARY ACCESS HAS BEEN INCLUDED IN THIS CONTRACT FOR THE PURPOSE OF MAINTAINING CONSTRUCTION POINTS OF ACCESS IN THE CIRCLE INTERCHANGE AREA AND FOR MAINTAINING ANY NECESSARY ACCESS TO PRIVATE PROPERTIES AND SIDE STREETS DURING THIS CONTRACT.

34. WHERE SECTION, SUBSECTION, SUBDIVISION OR PROPERTY MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

35. REMOVAL OF EXISTING REGULATORY, WARNING, AND/OR TRAFFIC SIGNS WHICH INTERFERE WITH CONSTRUCTION AND/OR CONFLICT WITH CONSTRUCTION TRAFFIC PATTERNS DESCRIBED IN THE MAINTENANCE OF TRAFFIC PLANS OR DIRECTED BY THE ENGINEER SHALL BE INCLUDED IN THE LUMP SUM CONTRACT UNIT PRICE FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL).

36. FOR STORM SEWER CONSTRUCTED UNDER THE ROADWAY, BACKFILLING METHODS TWO AND THREE AUTHORIZED UNDER THE PROVISIONS OF ARTICLE 550.07 OF THE STANDARD SPECIFICATIONS WILL NOT BE ALLOWED.

37. ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY ACCORDING TO ART. 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

38. SAW CUT (FULL DEPTH) SHALL BE REQUIRED AT THE JOINT BETWEEN PAVEMENT, SIDEWALK, CURB AND GUTTER, MEDIAN, DRIVEWAY PAVEMENT, HOT-MIX ASPHALT SURFACES TO BE REMOVED AND THAT LEFT IN PLACE OR AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEMS.

39. UNLESS OTHERWISE NOTED, ALL COMBINATION CONCRETE CURB AND GUTTER, TYPE 8-6.24 ALONG THE MAINLINE AND MAINLINE RAMPS SHALL BE DEPRESSED.

40. THE DEPARTMENT HAS NOT OBTAINED ANY PERMITS FOR OFFSITE BORROW, WASTE, USE (BWU) AREAS. PRIOR TO WORKING IN BWU AREAS, IF THE CONTRACTOR CHOOSES TO USE ACTIVITIES REQUIRING PERMITS, IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE PROPER PERMITS. IN ADDITION TO THE BORROW REVIEW (BDE 2289) AND USE/WASTE REVIEW (BDE 2290) SUBMITTALS, THE CONTRACTOR WILL NEED TO SUBMIT AN EROSION AND SEDIMENT CONTROL (ESC) PLAN FOR EVERY BWU SITE TO THE DEPARTMENT FOR ACCEPTANCE. GUIDELINES FOR ACCEPTABLE BWU PRACTICES CAN BE FOUND IN SECTION 11.G.1 AND 2 OF THE SWPPP. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT ESC PLANS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

NOTE:
BOXED ITEMS ARE INCLUDED IN THE COST OF THE CONTRACT OR ITEM SPECIFIED.



DIGW28-sh1-Gemnote-03	DESIGNED - KCF	REVISED - 5/27/2014
USER NAME - pmsarno	DRAWN - AFC	REVISED -
PLOT SCALE - 100,0000 ' / in.	CHECKED - DBM	REVISED -
PLOT DATE - 5/25/2014	DATE - 04/28/14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

SCALE:	SHEET 1 OF 1 SHEETS	STA. TO STA.	F.A.I. RTE. 90/94/290	SECTION 2013-010R	COUNTY COOK	TOTAL SHEETS 747	SHEET NO. 4
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CONTRACT NO. 60W28
[ILLINOIS] FED. AID PROJECT

90% FED.
10% STATE

URBAN
TOTAL
QUANTITY

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	HIGHWAY LIGHTING	NOISE WALL
				0004 URBAN	0008 016-1705	0040 016-1720	0040 016-2024	0040 016-1722	0040 016-1723	0040 016-1809	0021 URBAN	0040 NONE
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	203	203								
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	37	37								
20100500	TREE REMOVAL, ACRES	ACRE	0.75	0.75								
20101700	SUPPLEMENTAL WATERING	UNIT	6.3	6.3								
20200100	EARTH EXCAVATION	CU YD	8235	8235								
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	2750	2750								
20400800	FURNISHED EXCAVATION	CU YD	9510	9510								
20700220	POROUS GRANULAR EMBANKMENT	CU YD	755	755								
20800150	TRENCH BACKFILL	CU YD	2600	2600								
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SD YD	15457	15457								
21101615	TOPSOIL FURNISH AND PLACE, 4"	SD YD	23706	23706								
21301072	EXPLORATION TRENCH 72" DEPTH	FOOT	100	100								
25000210	SEEDING, CLASS 2A	ACRE	5	5								
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1039	1039								

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM

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USER NAME * aliasedah
PLOT SCALE * 2.0000 "/>

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

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

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CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	ROADWAY	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	HIGHWAY LIGHTING	NOISE WALL
				0004	0008	0040	0040	0040	0040	0040	0021	0040
				URBAN	016-1705	016-1720	016-2024	016-1722	016-1723	016-1809	URBAN	NONE
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1039	1039								
25100115	MULCH, METHOD 2	ACRE	5	5								
25100135	MULCH, METHOD 4	ACRE	6.25	6.25								
25100630	EROSION CONTROL BLANKET	SO YD	23083	23083								
25200110	SODDING, SALT TOLERANT	SO YD	623	623								
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	996	996								
28000400	PERIMETER EROSION BARRIER	FOOT	10218	10218								
28000510	INLET FILTERS	EACH	125	125								
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SO YD	15457	15457								
30300124	AGGREGATE SUBGRADE IMPROVEMENT 24"	SO YD	3565	3565								
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SO YD	4220	4220								
31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SO YD	412	412								
31102100	SUBBASE GRANULAR MATERIAL, TYPE C 4"	SO YD	1748	1748								
31200500	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"	SO YD	5682	5682								

* DENOTES SPECIALTY ITEM

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FILE PATH: C:\Users\sh11\OneDrive\Documents\Final Sheets\1168428-sh1-500.dgn



0168428-sh1-500.dgn
USER NAME: sh11
PLOT SCALE: 2.0000 / 1
PLOT DATE: 4/28/2014

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

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REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE:	SHEET 2	OF 24	SHEETS	STA.	TO STA.	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
						90/94/290	2013-010R	COOK	747	6
						CONTRACT NO. 60W28				
						ILLINOIS FED. AID PROJECT				

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10% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE													
				ROADWAY	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	HIGHWAY LIGHTING	NOISE WALL					
				0004	0008	0040	0040	0040	0040	0040	0021	0040					
				016-1705	016-1720	016-Z024	016-1722	016-1723	016-1809	URBAN	NONE						
35300400	PORTLAND CEMENT CONCRETE BASE COURSE 9"	SQ YD	412	412													
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	250	250													
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	234	234													
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	41	41													
40603595	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	TON	198	198													
42000501	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SQ YD	755	755													
42000511	PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" (JOINTED)	SQ YD	4895	4895													
42001200	PAVEMENT FABRIC	SQ YD	412	412													
42001300	PROTECTIVE COAT	SQ YD	13541	13541													
42001420	BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)	SQ YD	425	425													
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	39	39													
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	502	502													
44000100	PAVEMENT REMOVAL	SQ YD	16781	16781													
44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SQ YD	1918	1918													
44000157	HOT MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	1743	1743													
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	32	32													
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1034	1034													
44000600	SIDEWALK REMOVAL	SQ FT	487	487													
44000400	GUTTER REMOVAL	FOOT	165	165													

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM

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FILE PATH: C:\Users\m12345678\Desktop\Projects\141114\141114-SDD.dgn



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 USER NAME * alizadeh
 PLOT SCALE * 2.0000 1/1 in.
 PLOT DATE * 4/28/2014

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
 SCALE: SHEET 3 OF 24 SHEETS STA. TO STA.

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	7
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	

90% FED.
10% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE							HIGHWAY LIGHTING	NOISE WALL	
				ROADWAY	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL			
				0004 URBAN	0008 016-1705	0040 016-1720	0040 016-Z024	0040 016-1722	0040 016-1723	0040 016-1809			0021 URBAN
44001980	CONCRETE BARRIER REMOVAL	FOOT	8421	8421									
44004250	PAVED SHOULDER REMOVAL	SO YD	5075	5075									
44200612	CLASS A PATCHES, TYPE III, 13 INCH	SQ YD	542	542									
44200614	CLASS A PATCHES, TYPE IV, 13 INCH	SO YD	660	660									
44201377	CLASS C PATCHES, TYPE II, 12 INCH	SO YD	515	515									
44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SO YD	714	714									
442D1B21	CLASS D PATCHES, TYPE IV, 14 INCH	SQ YD	605	605									
44213000	PATCHING REINFORCEMENT	SO YD	702	702									
44213200	SAW CUTS	FOOT	812	812									
44213204	TIE BARS 3/4"	EACH	172	172									
48300500	PORTLAND CEMENT CONCRETE SHOULDERS 10"	SO YD	1400	1400									
48300510	PORTLAND CEMENT CONCRETE SHOULDERS 10 1/2"	SO YD	1615	1615									
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1		1								
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1		1								
50100500	REMOVAL OF EXISTING STRUCTURES NO. 3	EACH	1	1									
50102400	CONCRETE REMOVAL	CU YD	54		53	1							

* DENOTES SPECIALTY ITEM

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FILE PATH: C:\Users\alibadshy\Desktop\Projects\1315\Final Sheets\442D1B21-44213204.dgn



DIGW2B-44213204.dgn
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 PLOT SCALE: 2,000' / 1" IN.
 PLOT DATE: 4/29/2014

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

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

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

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

90% FED.
10% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE							HIGHWAY LIGHTING	NOISE WALL
				ROADWAY	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL		
				0004 URBAN	0008 016-1705	0040 016-1720	0040 016-Z024	0040 016-1722	0040 016-1723	0040 016-1809		
51100100	SLOPE WALL 4 INCH	SO YD	48			39		9				
51201710	FURNISHING STEEL PILES HP12X84	FOOT	2967		2967							
51500100	NAME PLATES	EACH	5		1	1		1	1	1		
51602000	PERMANENT CASING	FOOT	178		178							
*51603000	DRILLED SHAFT IN SOIL	CU YD	2708		2708							
*51604000	DRILLED SHAFT IN ROCK	CU YD	74		74							
52000110	PREFORMED JOINT STRIP SEAL	FOOT	76		76							
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	18		18							
52100020	ELASTOMERIC BEARING ASSEMBLY, TYPE II	EACH	6		6							
52100510	ANCHOR BOLTS, 3/4"	EACH	72		72							
52100520	ANCHOR BOLTS, 1"	EACH	192		192							
52100530	ANCHOR BOLTS, 1 1/4"	EACH	168		168							
52100540	ANCHOR BOLTS, 1 1/2"	EACH	24		24							
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	292	292	△							

DENOTES SPECIALTY ITEM

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FILE PATH: C:\Users\vlizadeh\OneDrive\Projects\161\Sheets\0160W28-ht-500.dgn



0160W28-ht-500.dgn
 USER NAME: alizadeh
 PLOT SCALE: 2.0000' / 1"
 PLOT DATE: 4/28/2014

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

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	147	10
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	

90% FED.
10% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE							HIGHWAY LIGHTING	NOISE WALL	
				ROADWAY	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL			
				0004 URBAN	0008 016-1705	0040 016-1720	0040 016-2024	0040 016-1722	0040 016-1723	0040 016-1809			
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	46	46									
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	2590	2590									
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	34	34									
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	183	183									
550A0640	STORM SEWERS, CLASS A, TYPE 3 12"	FOOT	124	124									
550A0660	STORM SEWERS, CLASS A, TYPE 3 15"	FOOT	248	248									
550A0680	STORM SEWERS, CLASS A, TYPE 3 18"	FOOT	87	87									
550A0940	STORM SEWERS, CLASS A, TYPE 4 12"	FOOT	78	78									
550A1400	STORM SEWERS, CLASS A, TYPE 5 78"	FOOT	231	231									
55100400	STORM SEWER REMOVAL 10"	FOOT	89	89									
55100500	STORM SEWER REMOVAL 12"	FOOT	819	819									
55100900	STORM SEWER REMOVAL 18"	FOOT	327	327									
55101100	STORM SEWER REMOVAL 21"	FOOT	12	12									
55101200	STORM SEWER REMOVAL 24"	FOOT	31	31									

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM

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FILE PATH: C:\Users\sh123456\OneDrive\Documents\60W28-akt-500.dgn



0160W28-akt-500.dgn
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 PLOT SCALE: 2.0000' / in.
 PLOT DATE: 4/28/2014

DESIGNED - HSA
 DRAWN - NSA
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 DATE - 04/28/14

REVISED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE:	SHEET 7 OF 24 SHEETS	STA. TO STA.	F.A.J. RTE. 90/94/290	SECTION 2013-010R	COUNTY COOK	TOTAL SHEETS 747	SHEET NO. 11
			CONTRACT NO. 60W28		ILLINOIS FED. AID PROJECT		

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CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	LIRBAN TOTAL QUANTITY	CONSTRUCTION CODE							HIGHWAY LIGHTING	NOISE WALL
				ROADWAY	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL		
				0004	0008	0040	0040	0040	0040	0040		
			URBAN	016-1705	016-1720	016-Z024	016-1722	016-1723	016-1809	0021	0040	
										URBAN	NONE	
55101400	STORM SEWER REMOVAL 30"	FOOT	272			272						
56103900	DUCTILE IRON WATER MAIN, MECHANICAL JOINT 8"	FOOT	11			11						
56104200	DUCTILE IRON WATER MAIN, MECHANICAL JOINT 16"	FOOT	223			223						
56105000	WATER VALVES 8"	EACH	1			1						
56105310	WATER MAIN CONTROL VALVE-16 INCH	EACH	2			2						
56400600	FIRE HYDRANTS	EACH	1			1						
58700300	CONCRETE SEALER	SO FT	30,816			30,394			6422			
59000200	EPOXY CRACK INJECTION	FOOT	92				92					
59100100	GEOCOMPOSITE WALL DRAIN	SO YD	73						73			
60107700	PIPE UNDERDRAINS 6"	FOOT	626			626						
60108200	PIPE UNDERDRAINS 6" (SPECIAL)	FOOT	90			90						
60200105	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	4			4						
60200205	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	13			13						
60200805	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 8 GRATE	EACH	9			9						

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM

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FILE PATH = C:\Users\alvarez\OneDrive\Documents\60W28-11-500.dgn



0160W28-11-500.dgn
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 PLOT SCALE = 2.0000 / 1"
 PLOT DATE = 4/28/2014

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE:	SHEET 8	OF 24 SHEETS	STA.	TO STA.	F.A.J. RTE. 90/94/290	SECTION 2013-010R	COUNTY COOK	TOTAL SHEETS 747	SHEET NO. 12
					CONTRACT NO. 60W28				
					[ILLINOIS] FED. AID PROJECT				

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CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE													
				ROADWAY	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	HIGHWAY LIGHTING						
				0004 URBAN	0008 016-1705	0040 016-1720	0040 016-2024	0040 016-1722	0040 016-1723	0040 016-1809	0021 URBAN						
60201310	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 20 FRAME AND GRATE	EACH	27	27													
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	4	4													
60218400	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	19	19													
60221100	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2													
60223800	MANHOLES, TYPE A, 6' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1													
60224469	MANHOLES, TYPE A, 9' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2													
60237420	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	EACH	1	1													
A 60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	1	1													
60250200	CATCH BASINS TO BE ADJUSTED	EACH	10	10													
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	2	2													
60255500	MANHOLES TO BE ADJUSTED	EACH	6	6													
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	2	2													
60500040	REMOVING MANHOLES	EACH	11	11													
60500050	REMOVING CATCH BASINS	EACH	28	28													
60500060	REMOVING INLETS	EACH	11	11													

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

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

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CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE																
				ROADWAY	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	HIGHWAY LIGHTING	NOISE WALL								
				0004	0008	0040	0040	0040	0040	0040	0021	0040								
				016-1720	016-2024	016-1722	016-1723	016-1809	URBAN	NONE										
A 60600605	CONCRETE CURB, TYPE B	FOOT	7	7																
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6. 24	FOOT	118	118																
A 60602900	CONCRETE GUTTER, TYPE B	FOOT	179	179																
A 60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	8186	8186																
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	50	50																
63200310	GUARDRAIL REMOVAL	FOOT	51	51																
63700175	CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT	FOOT	3660	3660																
63700275	CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT	FOOT	45	45																
63700805	CONCRETE BARRIER TRANSITION	FOOT	271	271																
63700900	CONCRETE BARRIER BASE	FOOT	4207	4207																
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	2367	2367																
64300240	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	2	2																
64300260	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2	2																
66400305	CHAIN LINK FENCE, 6'	FOOT	520	520																
66402900	CHAIN LINK GATES, 6' X 6' SINGLE	EACH	1	1																
66407600	CHAIN LINK GATES, 6' X 12' DOUBLE	EACH	3	3																

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM

A Rev. 6-2-14

FILE PATH: C:\Users\alicedahm\Desktop\Projects\60602900\Sheets\60602900-ht-500.dgn



D:\60602900-ht-500.dgn
 USER NAME = alicedahm
 PLOT SCALE = 2,000' / 1" =
 PLOT DATE = 4/28/2014

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

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	14
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	

90% FED.
10% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE							HIGHWAY LIGHTING	NOISE WALL	
				ROADWAY	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL			
				0004 URBAN	1008 016-1705	0040 016-1720	0040 016-2024	0040 016-1722	0040 016-1723	0040 016-1809			
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	3100	3100									
66900205	SPECIAL WASTE DISPOSAL	CU YD											
* 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1									
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	5	5									
67100100	MOBILIZATION	L SUM	1	1									
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	675	675									
70106800	CHANGEABLE MESSAGE SIGN	CAL MD	100	100									
70300100	SHORT TERM PAVEMENT MARKING	FOOT	118,448	118,448									
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	963	963									
70300560	PAVEMENT MARKING TAPE, TYPE III 12"	FOOT	469	469									
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	89230	89230									
70400100	TEMPORARY CONCRETE BARRIER	FOOT	8626	8626									
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	9323	9323									
70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	18	18									
70600332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	28	28									
* 72000200	SIGN PANEL - TYPE 2	SQ FT	56	56									

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* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM

REV. 6-2-14



0158W20-ent-500.dgn	DESIGNED - NSA	REVISED -
USER NAME = alizadehn	DRAWN - NSA	REVISED -
PLOT SCALE = 2.0000' / 1" =	CHECKED - AFC	REVISED -
PLOT DATE = 4/28/2014	DATE - 04/28/14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE:	SHEET 11	OF 24 SHEETS	STA.	TO STA.	F.A.J. RTE. 90/94/290	SECTION 2013-010R	COUNTY COOK	TOTAL SHEETS 747	SHEET NO. 15
					CONTRACT NO. 60W28				
					ILLINOIS FED. AID PROJECT				

FILE PATH = C:\Users\alizeradehn\Desktop\Projects\60W28\Sheet\0158W20-ent-500.dgn

90% FED.
10% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE							HIGHWAY LIGHTING	NOISE WALL	
				ROADWAY	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL			
				0004 URBAN	0008 016-1705	0040 016-1720	0040 016-Z024	0040 016-1722	0040 016-1723	0040 016-1809			0021 URBAN
* 72000300	SIGN PANEL - TYPE 3	SQ FT	384.5	384.5									
* 72100100	SIGN PANEL OVERLAY	SQ FT	261	261									
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	1	1									
* 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	3	3									
* 72400730	RELOCATE SIGN PANEL - TYPE 3	SQ FT	330	330									
* 73000100	WOOD SIGN SUPPORT	FOOT	58	58									
* 73300100	OVERHEAD SIGN STRUCTURE - SPAN, TYPE I-A (4'-0" X 4'-6")	FOOT	57	57									
* 73304000	OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	FOOT	17	17									
* 73600100	REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	1	1									
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	1541	1541									
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	719	719									
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	554	554									
* 78005100	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	39	39									
* 78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	39127	39127									

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM

A Rev. 6-2-13

FILE PATH: C:\Users\joh11\Documents\Projects\60W28\Sheet\DIGR28-411-500.dwg



016W28-411-500.dwg
 USER NAME: j11radahn
 PLOT SCALE: 2.0000" / 1"
 PLOT DATE: 4/28/2014

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

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

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

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

90% FED.
10% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE							HIGHWAY LIGHTING	NOISE WALL
				ROADWAY 0004	BRIDGE 0008	RETAINING WALL 0040	RETAINING WALL 0040	RETAINING WALL 0040	RETAINING WALL 0040	RETAINING WALL 0040		
				URBAN	016-1705	016-1720	016-Z024	016-1722	016-1723	016-1809	URBAN	NONE
* 78005120	EPOXY PAVEMENT MARKING - LINE 5"	FOOT	6166	6166								
* 78005130	EPOXY PAVEMENT MARKING - LINE 6"	FOOT	253	253								
* 78005140	EPOXY PAVEMENT MARKING - LINE 8"	FOOT	8867	8867								
* 78005150	EPOXY PAVEMENT MARKING - LINE 12"	FOOT	2485	2485								
* 78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SO FT	25	25								
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	4604	4604								
* 78008220	POLYUREA PAVEMENT MARKING TYPE I - LINE 5"	FOOT	2180	2180								
* 78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	6565	6565								
* 78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	320	320								
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	530	530								
* 78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	227	227								
* 78200530	BARRIER WALL MARKERS, TYPE C	EACH	335	335								
78300100	PAVEMENT MARKING REMOVAL	SO FT	54,716	54,716								
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1089	1089								

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM

Rev. 6-2-14

FILE PATH = C:\Users\allegre\My Documents\Top\Print\Print\Sheet\DI60W28-INT-500.dgn



0160W28-INT-500.dgn
 USER NAME = allegra
 PLOT SCALE = 2.0000 / 1 in.
 PLOT DATE = 4/28/2014

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

REVISED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	147	17
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	

90% FED.
10% STATE

CONSTRUCTION CODE

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CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE							HIGHWAY LIGHTING	NOISE WALL
				ROADWAY	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL		
				0004	0008	0040	0040	0040	0040	0040		
				016-1705	016-1720	016-Z024	016-1722	016-1723	016-1809	0021	0040	
				URBAN						URBAN	NONE	
* 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	736								736	
* 81100605	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., PVC COATED GALVANIZED STEEL	FOOT	1020								1020	
* 81100805	CONDUIT ATTACHED TO STRUCTURE, 3" DIA., PVC COATED GALVANIZED STEEL	FOOT	20								20	
* 81200230	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	10,644								10644	
* 81300320	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE 8" X 8" X 6"	EACH	4								4	
* 81300410	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 10" X 8" X 4"	EACH	4								4	
* 81300530	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"	EACH	1								1	
* 81300830	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 18" X 8"	EACH	1								1	
* 81300910	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 20" X 20" X 6"	EACH	6								6	
* 81301500	JUNCTION BOX, STAINLESS STEEL, EMBEDDED IN STRUCTURE, 28" X 12" X 6"	EACH	15								15	
* 81400100	HANDHOLE	EACH	6								6	
* 81400200	HEAVY-DUTY HANDHOLE	EACH	6								6	
* 81603050	UNIT DUCT, 600V, 3-1C NO. 6, 1/C NO. 8 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	265								265	
* 81603070	UNIT DUCT, 600V, 2-1C NO. 2, 1/C NO. 4 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	550								550	
* 81603081	UNIT DUCT, 600V, 3-1C NO. 2, 1/C NO. 4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	1890								1890	

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM

A Rev. 6-2-14

FILE PATH: C:\Users\volizadahn\OneDrive\Prints\Final Sheets\0160428-shy-500.dgn



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USER NAME - alizadahn	DRAWN - NSA	REVISED -
PLOT SCALE - 2.0000 / 1 in.	CHECKED - AFC	REVISED -
PLOT DATE - 4/28/2014	DATE - 04/28/14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	18
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				

90% FED.
10% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE							URBAN	NONE		
				ROADWAY	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL			HIGHWAY LIGHTING	NOISE WALL
				0004	0008	0040	0040	0040	0040	0040			0021	0040
* 81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	130									130		
* 81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	390									390		
A * 81702140	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	640									640	A	
* 81800190	AERIAL CABLE, 2-1/C NO. 2 WITH MESSENGER WIRE	FOOT	475									475		
* 82102400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	5									5		
* 82105600	LUMINAIRE, SODIUM VAPOR, HIGH MAST, HORIZONTAL MOUNT, 400 WATT	EACH	20									20		
* 83507800	LIGHT TOWER, 150 FT. MOUNTING HEIGHT, LUMINAIRE MT. - 6	EACH	1									1		
* 83700350	LIGHT TOWER FOUNDATION, 54" DIAMETER	FOOT	70									70	A	
* 83700400	LIGHT TOWER FOUNDATION, 60" DIAMETER	FOOT	106									106	A	
* 84100110	REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	4									4		
* 84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	11									11		
* 87000885	ELECTRIC CABLE ASSEMBLY IN CONDUIT, 600V (XLP-TYPE TC) 2/C NO. 6 AND NO. 8	FOOT	170									170		
* 87900100	DRILL EXISTING FOUNDATION	EACH	4									4		
* 87900200	DRILL EXISTING HANDHOLE	EACH	3									3		
* 87900205	DRILL EXISTING HEAVY DUTY HANDHOLE	EACH	1									1		
A * 81702400	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 2	FOOT	640									640	A	

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM

A Rev. 6-2-14

FILE PATH: C:\Users\N1\OneDrive\Documents\Projects\60W28\Sheets\60W28-19-500.dgn



0160W28-19-500.dgn
 USER NAME = alizadeh
 PLOT SCALE = 2,000 / 1" =
 PLOT DATE = 4/28/2014

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

REVISED -
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 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 15 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	19
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	

90% FED.
10% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							HIGHWAY LIGHTING	NOISE WALL
				ROADWAY	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL		
				0004 URBAN	0008 016-1705	0040 016-1720	0040 016-Z024	0040 016-1722	0040 016-1723	0040 016-1809		
Z0004552	APPROACH SLAB REMOVAL	SO YD	262	262								
* Z0007118	UNTREATED TIMBER LAGGING	SO FT	1000						1000			
* Z0010614	CLEANING EXISTING MANHOLE OR HANDHOLE	EACH	3	A							3	A
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SO FT	25				25					
Z0012755	STRUCTURAL REPAIR OF CONCRETE (DEPTH GREATER THAN 5 INCHES)	SO FT	11				11					
Z0013797	STABILIZED CONSTRUCTION ENTRANCE	SO YD	400	400								
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1								
Z0018002	DRAINAGE SCUPPERS, DS-11	EACH	20		20							
Z0018800	DRAINAGE SYSTEM	L SUM	1		1							
A Z0019600	DUST CONTROL WATERING	UNIT	50	50								
Z0022800	FENCE REMOVAL	FOOT	2181	580			1601					
Z0026404	FURNISHING SOLDIER PILES (W SECTION)	FOOT	2016						2016			
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	1597	1597	A							
* Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	5								5	
* Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MD	22								22	

* DENOTES SPECIALTY ITEM

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

A Rev. 6-2-14



303 EAST WACKER DRIVE, SUITE 1400
CHICAGO, IL 60601-5274
PHONE: (312) 313-7100 FAX: (312) 313-1800

0160428-shi-500.dgn	DESIGNED - NSA	REVISED -
USER NAME - alizadehn	DRAWN - NSA	REVISED -
PLOT SCALE - 2.0000' / 1"	CHECKED - AFC	REVISED -
PLOT DATE - 4/28/2014	DATE - 04/28/14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

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

FILE PATH: C:\Users\alizadehn\Desktop\proj\0160428-shi-500.dgn

90% FED.
10% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE							HIGHWAY LIGHTING	NOISE WALL
				ROADWAY	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL		
				0004 URBAN	0008 016-1705	0040 016-1720	0040 016-Z024	0040 016-1722	0040 016-1723	0040 016-1809		
Z0034212	MECHANICALLY STABILIZED EARTH RETAINING WALL, SPECIAL	SO FT	18969			8279		6512	430	3748		
Z0034806	MODULAR EXPANSION JOINT-SWIVEL 6"	FOOT	224		224							
Z0037300	PAVEMENT GROOVING	SQ YD	5363	5363	△							
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	157						157			
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1								
Z0056648	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	FOOT	95	95								
Z0062456	TEMPORARY PAVEMENT	SQ YD	6609	6609	△							
*Z0065000	SETTING PILES IN ROCK	EACH	31		31							
Z0068200	STEEL CASINGS 30"	FOOT	76	76								
Z0073002	TEMPORARY SOIL RETENTION SYSTEM	SO FT	1462		872					790		
Z0076600	TRAINEES	HOUR	0									
X0301423	NOISE ABATEMENT WALL, GROUND MOUNTED	SO FT	6802									6802
*X0322433	LIGHT TOWER, SERVICE PAD	EACH	2								2	
*X0322441	DIGITAL LOOP DETECTOR SENSOR UNIT (4 CHANNEL)	EACH	2								2	
*X0322442	TONE EQUIPMENT - 3 FREQUENCY RECEIVER PROGRAMMABLE	EACH	7								7	

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM

Rev. 6-2-14

Rev.

FILE PATH: C:\Users\N11\Documents\Desktop\Projects\Final Sheets\0160W28-ah-L-500.dgn



0160W28-ah-L-500.dgn
 USER NAME: aliceadahn
 PLOT SCALE: 2.0000 1/16"
 PLOT DATE: 4/28/2014

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

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

901.FED.
101.STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE							HIGHWAY LIGHTING	NOISE WALL	
				ROADWAY	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL			
				0004 URBAN	0008 016-1705	0040 016-1720	0040 016-2024	0040 016-1722	0040 016-1723	0040 016-1809			0021 URBAN
* X0322443	TONE EQUIPMENT - 3 FREQUENCY TRANSMITTER PROGRAMMABLE	EACH	7									7	
* X0322444	TONE EQUIPMENT - POWER SUPPLY	EACH	1									1	
* X0322445	TONE EQUIPMENT - MOUNTING FRAME	EACH	1									1	
X0324013	NOISE ABATEMENT WALL, STRUCTURE MOUNTED	SO FT	1456										1456
* X0324181	DISCONNECT SIGN LIGHTING AND REMOVE WIRING TO NEAREST SPLICE	EACH	2									2	
X0324345	COMBINED SEWER REMOVAL 24"	FOOT	140	140									
X0324455	DRILLING AND SETTING SOLDIER PILES (IN SOIL)	CU FT	25,533						25,533				
X0325003	REMOVE EXISTING VALVE AND VAULT	EACH	3	3									
X0325087	VIDEO TAPING OF MAIN DRAIN	FOOT	7320	7320									
* X0325095	MAIN DRAIN CLEANING	FOOT	2740	2740									
* X0325207	TELEVISION INSPECTION OF SEWER	FOOT	1180	1180									
X0325318	LIGHTWEIGHT CELLULAR CONCRETE FILL	CU YD	17441			9460		5902	136		1943		
X0325349	TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)	FOOT	962.5	962.5									
* X0325815	REMOVE EXISTING CABLE	FOOT	160									160	

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM

Rev. 6-2-14

Rev.



0160W2B-101-500.dgn	DESIGNED - NSA	REVISED -
USER NAME * alicadahn	DRAWN - NSA	REVISED -
PLOT SCALE * 2.0000' / 1" =	CHECKED - AFC	REVISED -
PLOT DATE * 4/28/2014	DATE - 04/28/14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

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

FILE PATH: C:\Users\alca\Documents\Projects\1411\1411-500.dgn

90% FED.
10% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE							HIGHWAY LIGHTING	NOISE WALL
				ROADWAY	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL		
				0004	0008	0040	0040	0040	0040	0040		
				016-1705	016-1720	016-Z024	016-1722	016-1723	016-1809	0021	0040	
				URBAN						URBAN	NONE	
* X0326148	TEMPORARY WOOD POLE, 60 FT., CLASS 4, 15FT. MAST ARM	EACH	5								5	
* X0326935	CROSSHOLE SONIC LOGGING	EACH	13		13							
X0327117	ATMS SYSTEM INTEGRATION	L SUM	1								1	
X0327124	PRECAST CONCRETE RISER	EACH	2	2								
X0327139	AGGREGATE COLUMN GROUND IMPROVEMENT	L SUM	1		0.58		0.32			0.1		
X0327357	CONSTRUCTION VIBRATION MONITORING	L SUM	1		1							
X0327374	REMOVAL OF TEMPORARY SOIL RETENTION SYSTEM	SO FT	555							555		
X0327614	COMBINED SEWER REMOVAL 12"	FOOT	36	36								
X0327615	COMBINED SEWER REMOVAL 8"	FOOT	36	36								
* X0327616	MAINTAINING ITS DURING CONSTRUCTION	CAL MO	22								22	
X0327682	CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT ENGINEERING SERVICES	L SUM	1	1								
X0370070	COMBINED SEWER, (WATER MAIN REQUIREMENTS), 8 INCH CDOT	FOOT	62	62								
X0370071	COMBINED SEWER (WATER MAIN REQUIREMENTS) 12 INCH CDOT	FOOT	40	40								
X0370072	COMBINED SEWER, (WATER MAIN REQUIREMENTS), 24 INCH CDOT	FOOT	75	75								
X0370080	COMBINATION CURB AND CUTTER TYPE B V. 12 (CDOT)	FOOT	207	207								

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM

Rev. 6-2-13



D:\6028\28-shr-500.dgn
 USER NAME = alizadeh
 PLOT SCALE = 2.0000 "/>

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

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

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

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

FILE PATH = C:\Users\alirezadeh\Desktop\Projects\60W28-shr-500.dgn

90% FED.
10% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	ROADWAY	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	HIGHWAY LIGHTING	NOISE WALL
				0004 URBAN	0008 016-1705	0040 016-1720	0040 016-Z024	0040 016-1722	0040 016-1723	0040 016-1809	0021 URBAN	0040 NONE
X0370164	MANHOLES TYPE A, 4' DIA., TYPE I FRAME, CLOSED LID (CITY OF CHICAGO)	EACH	2	2	A							
X2020410	EARTH EXCAVATION (SPECIAL)	CU YD	76		76							
X2020502	BRACED EXCAVATION	CU YD	1939	710	1229							
X4060110	BITUMINOUS MATERIALS (PRIME COAT)	POUND	8310	8310	A							
X4402020	CONCRETE MEDIAN SURFACE REMOVAL	SQ FT	2257	2257								
X5012502	CONCRETE REMOVAL (SPECIAL)	CU YD	15	15								
X5210110	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 200K	EACH	18		18							
X5210120	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 250K	EACH	21		21							
X5210130	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 300K	EACH	12		12							
X5210150	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 400K	EACH	6		6							
X5210340	HIGH LOAD MULTI-ROTATIONAL BEARINGS, FIXED - 500K	EACH	6		6							
X5210350	HIGH LOAD MULTI-ROTATIONAL BEARINGS, FIXED - 600K	EACH	6		6							
X5210355	HIGH LOAD MULTI-ROTATIONAL BEARINGS, FIXED - 650K	EACH	8		8							
X550A562	TEMPORARY STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	93	93	A							

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM

REV. 6-2-14

Rev.

FILE PATH: C:\Users\jordan\Documents\Projects\60W28\Sheets\60W28-11-500.dgn



0160W28-11-500.dgn
USER NAME: ajordan
PLOT SCALE: 2.0000 / in.
PLOT DATE: 4/28/2014

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

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

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

90% FED.
10% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE							HIGHWAY LIGHTING	NOISE WALL
				ROADWAY	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL		
				0004	0008	0040	0040	0040	0040	0040		
				016-1705	016-1720	016-2024	016-1722	016-1723	016-1809	0021	0040	
				URBAN						URBAN	NONE	
*X5537700	STORM SEWERS TO BE CLEANED 10"	FOOT	107	107								
*X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	213	213								
*X5538000	STORM SEWERS TO BE CLEANED 18"	FOOT	74	74								
*X5538100	STORM SEWERS TO BE CLEANED 21"	FOOT	192	192								
*X5538200	STORM SEWERS TO BE CLEANED 24"	FOOT	436	436								
**A X5538400	STORM SEWERS TO BE CLEANED, 30"	FOOT	31	31								
X5610712	WATER MAIN REMOVAL, 12"	FOOT	52	52								
X5610716	WATER MAIN REMOVAL, 16"	FOOT	199	199								
A X6020270	MANHOLES TYPE B, 4'-DIA., TYPE I FRAME, CLOSED LID (CITY OF CHICAGO)	EACH	1	1								
X6022505	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE I FRAME, OPEN LID (CITY OF CHICAGO)	EACH	3	3								
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	1	1								
A X6061305	CONCRETE MEDIAN SURFACE, SPECIAL	SQ FT	8081	8081								
X6370050	CONCRETE BARRIER WALL (SPECIAL)	FOOT	166	166								
A X6370159	CONCRETE BARRIER, SINGLE FACE, 32 INCH HEIGHT (SPECIAL)	FOOT	15	15								
X6430120	REMOVE IMPACT ATTENUATORS, NO SALVAGE	EACH	1	1								
X6640050	CHAIN LINK FENCE, 42" ATTACHED TO STRUCTURE (SPECIAL)	FOOT	1601	1601								
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	22	22								
A X6370015	CONCRETE BARRIER, SPECIAL, 32" HEIGHT	FOOT	50	50								
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1								

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

A Rev. 6-2-13

Rev.

FILE PATH: C:\Users\vlizadahn\Desktop\Projects\Final Sheets\0168W28-int-500.dgn



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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

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

90% FED.
10% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							HIGHWAY LIGHTING	NOISE WALL	
				ROADWAY	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL			
				0004 URBAN	0008 016-1705	0040 016-1720	0040 016-2024	0040 016-1722	0040 016-1723	0040 016-1809			0021 URBAN
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1									
X7013820	TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS	CAL DA	675	675									
* X7280105	TELESCOPING STEEL SIGN SUPPORT (SPECIAL)	FOOT	16	16	A								
* X8420502	REMOVAL OF LIGHT TOWER, NO SALVAGE	EACH	3								3		
* X8420510	REMOVAL OF TOWER FOUNDATION	EACH	3								3		
* X8730312	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 4/C. TWISTED, SHIELDED	FOOT	1394	A							1394	A	
X5210375	HIGH LOAD MULTI-ROATION BEARINGS, FIXED 850K	EACH	6		6								
X5521578	STORM SEWERS JACKED IN PLACE 78" (SPECIAL)	FOOT	635	635									
X0327750	FOUNDATION REMOVAL	CU YD	108					63	45				
* 83505450	LIGHT TOWER, 130 FT. MOUNTING HEIGHT, LUMINAIRE MT. - 7	EACH	1								1		
* 83507850	LIGHT TOWER, 150 FT. MOUNTING HEIGHT, LUMINAIRE MT. - 7	EACH	1								1		
X5610690	WATER MAIN REHABILITATION	FOOT	290	290									
* X8102845	UNDERGROUND CONDUIT, PVC, 4" DIA., SCHEDULE 80	FOOT	100								100		
* X0327751	LIGHTNING PROTECTION FOR INDUCTION LOOP DETECTOR	EACH	7								7		

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM

A Rev. 6-2-13



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USER NAME - alreade	DRAWN - NSA	REVISED -
PLOT SCALE - 2.0000 / in.	CHECKED - AFC	REVISED -
PLOT DATE - 4/28/2014	DATE - 04/28/14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

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

FILE PATH - C:\Users\alreade\My Documents\Projects\60W28\shc-500.dgn

90% FED.
10% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE							HIGHWAY LIGHTING	NOISE WALL
				ROADWAY 0004 URBAN	BRIDGE 0008 016-1705	RETAINING WALL 0040 016-1720	RETAINING WALL 0040 016-2024	RETAINING WALL 0040 016-1722	RETAINING WALL 0040 016-1723	RETAINING WALL 0040 016-1809		
* X0327752	CONDUIT RISER, GALVANIZED STEEL	EACH	1								1	
* X0327753	REMOVE AND REINSTALL CAMERA POLE	EACH	1								1	
X7035104	TEMPORARY EPOXY PAVEMENT MARKING - LINE 4"	FOOT	92598	92598								
X7035105	TEMPORARY EPOXY PAVEMENT MARKING - LINE 5"	FOOT	12813	12813								
X7035108	TEMPORARY EPOXY PAVEMENT MARKING - LINE 8"	FOOT	31219	31219								
X7035112	TEMPORARY EPOXY PAVEMENT MARKING - LINE 12"	FOOT	3651	3651								
X7035100	TEMPORARY EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	282	282								
* X7200053	REMOVE, STORE AND RE-ERECT SIGN PANEL (SPECIAL)	EACH	1	1								
X0327754	TEMPORARY BULKHEAD	EACH	2	2								
* X8850109	PREFORMED INDUCTION LOOP	FOOT	787								787	
* X0327755	CABINET HOUSING EQUIPMENT, ESP 3, CONCRETE FOUNDATION MOUNTED	EACH	1								1	
* X0327756	STAINLESS STEEL CABLE PLANT SUPPORT SYSTEM	L SUM	1							0.38		0.62
X0327757	FOUNDATION CONSTRUCTION AT EXISTING OBSTRUCTIONS	EACH	2		2							
* X0327758	RELOCATE EXISTING CONDUIT AND CABLES	FOOT	80								80	

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM

Rev. 6-2-14



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 PLOT DATE = 4/28/2014

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

REVISED -
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 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

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

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

FILE PATH = C:\Users\alexradch\Documents\60W28\sh-500.dgn

90% FED.
10% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	ROADWAY	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	HIGHWAY LIGHTING	NOISE WALL
				0004	0008	0040	0040	0040	0040	0040	0021	0040
				URBAN	016-1705	016-1720	016-Z024	016-1722	016-1723	016-1809	URBAN	NONE
Ø Z0076600	TRAINEES	HOUR	2000	2000								
X0327759	DRILLED SHAFT TEST HOLES	EACH	3	3	▲							
Ø Z0076604	TRAINEES-TRAINING PROGRAM	HOUR	2000	2000								
X7010410	SPEED DISPLAY TRAILER	CAL MO	88	88								

▲ X8950215 RELOCATE EXISTING HANDHOLE EACH 1
 X0327764 COMMUNICATIONS HUT ELECTRICAL WORK L SUM 1

▲ 1

Ø 0042 TRAINEES

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM

▲ Rev. 6-2-14

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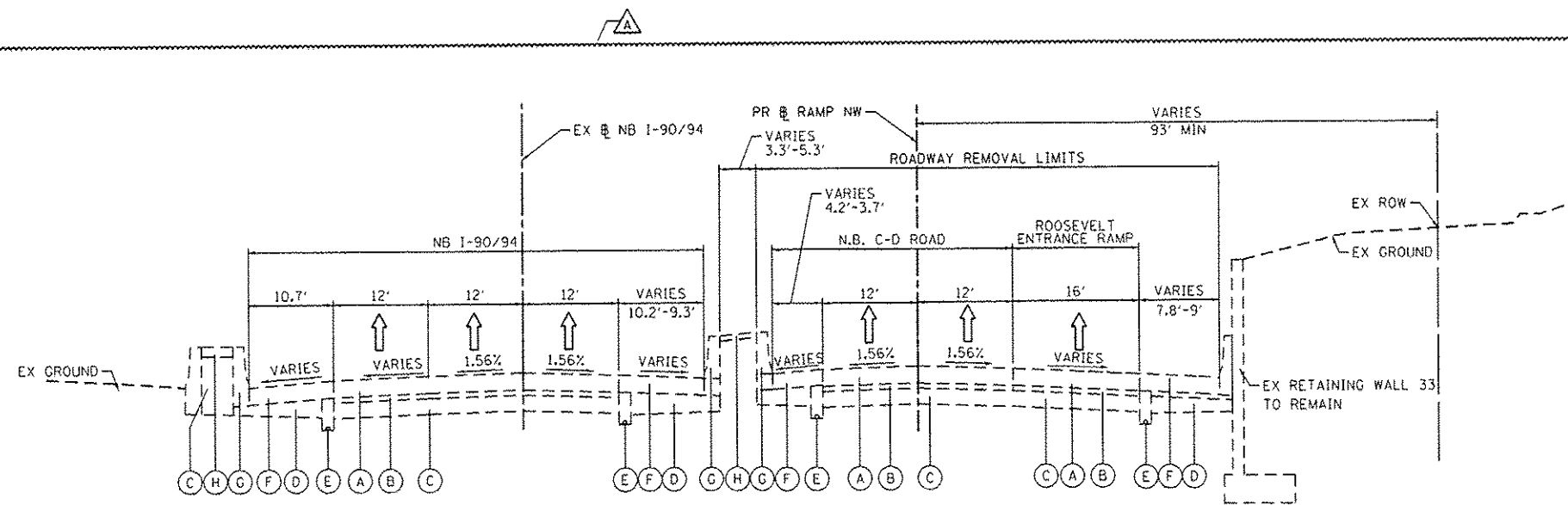
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 PLOT DATE: 4/28/2014

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

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

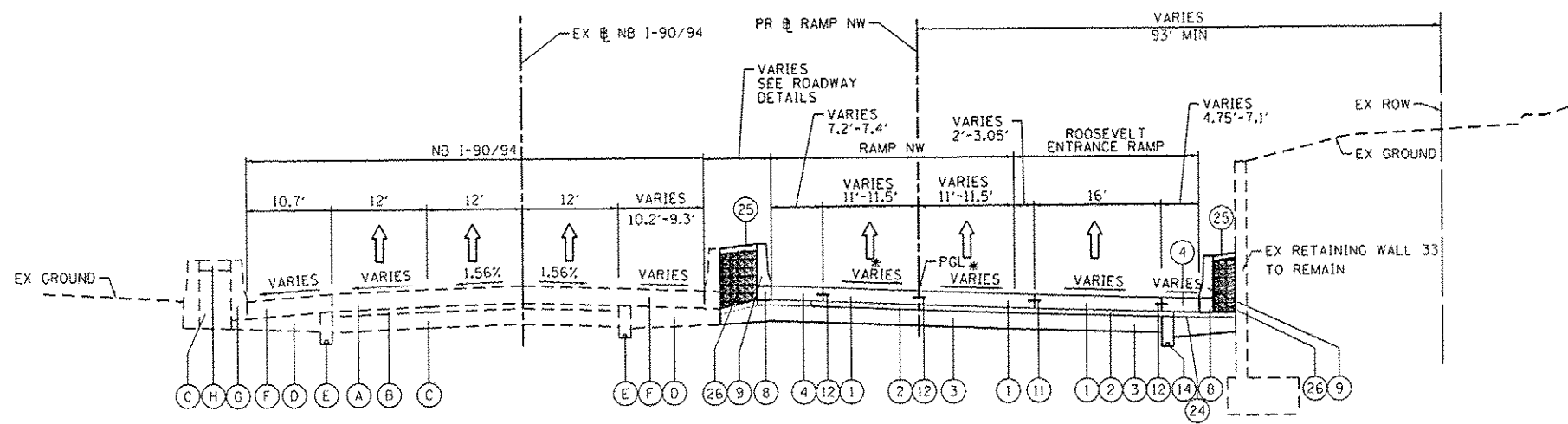
SUMMARY OF QUANTITIES
 SCALE: SHEET 24 OF 24 SHEETS STA. TO STA.

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



**1 EXISTING TYPICAL SECTION
RAMP NW**

1806+40.00 TO STA 1806+91.96



**2 PROPOSED TYPICAL SECTION
RAMP NW**

1806+40.00 TO STA 1806+91.96

• SEE NOTE 4

EXISTING

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

PROPOSED

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

NOTES:

1. THE ADDITIONAL THICKNESS OF AGGREGATE SUBGRADE IMPROVEMENT UNDER THE SHOULDER TO DRAIN TO UNDERDRAINS SHALL BE INCLUDED IN THE COST PER SQ. YD. OF AGGREGATE SUBGRADE IMPROVEMENT 24".
2. THE MAXIMUM ROLLOVER BETWEEN THE PAVEMENT AND THE SHOULDER ON THE HIGH SIDE OF THE SUPERELEVATION IS 8.0%.
3. FOR PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED) DETAILS, SEE JOINTING AND PCC PAVEMENT DETAIL PLAN.
4. SEE SE TRANSITION DATA TABLE FOR SUPERELEVATION TRANSITIONS.
5. SEE GRADING PLAN FOR GRADING LIMITS AND SLOPES.
6. SEE ROADWAY DETAILS FOR ADDITIONAL INFORMATION AND LIMITS OF VARIOUS TYPES OF CONCRETE BARRIERS.
7. TIE BARS FOR BARRIER WALLS ARE NOT SHOWN ON THE TYPICAL SECTIONS FOR CLARITY.

BOXED ITEMS ARE INCLUDED IN THE COST OF THE CONTRACT.



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 PLOT DATE: 5/27/2014

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

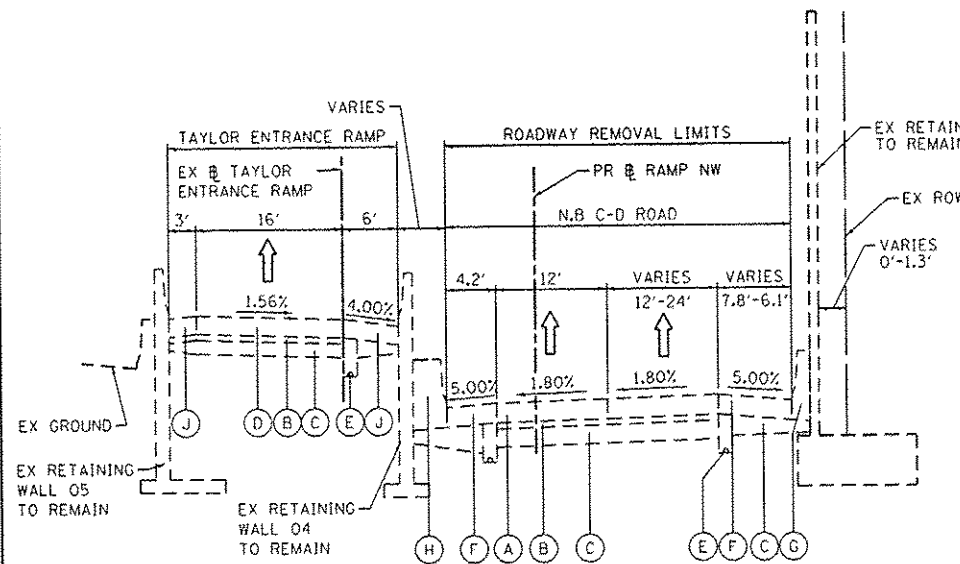
REVISED - 05/27/2014
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
 SCALE: NONE SHEET 1 OF 11 SHEETS STA. TO STA.

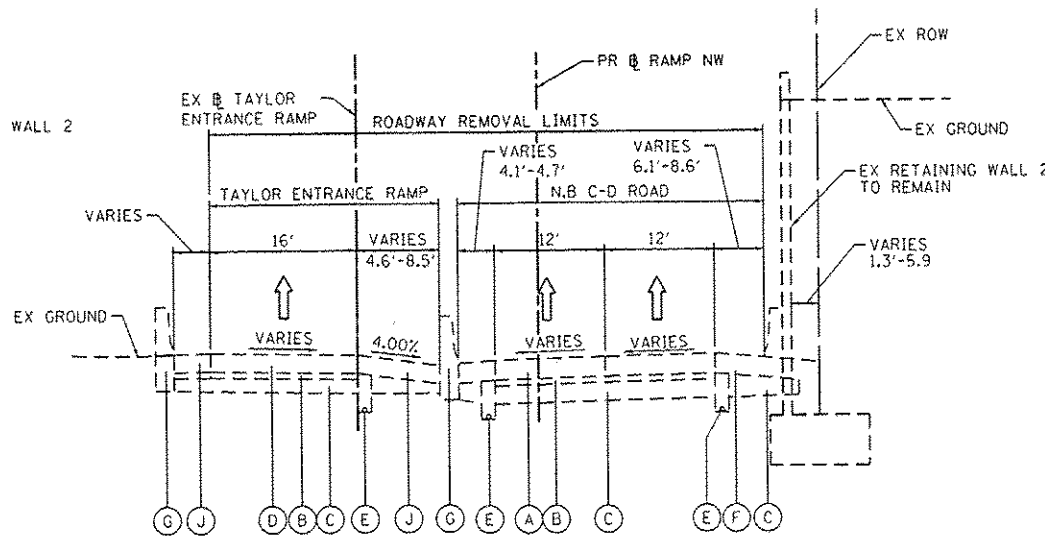
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-01GR	COOK	747	22
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				

FILE PATH: C:\Users\alizeadeh\Desktop\Prints\Final Sheets\0188428-shc-Typical-01.dgn



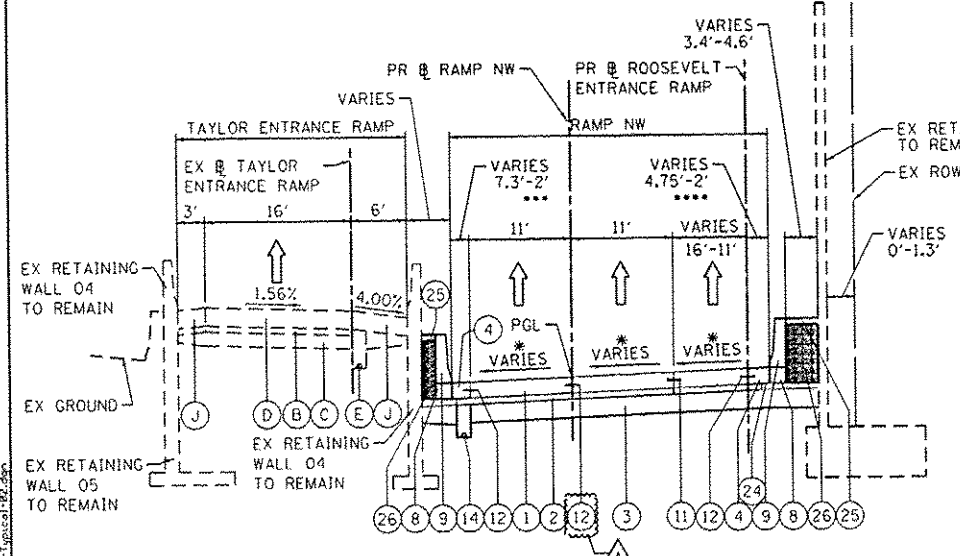
3 EXISTING TYPICAL SECTION RAMP NW

STA 1806+91.96 TO STA 1813+60.00



5 EXISTING TYPICAL SECTION RAMP NW

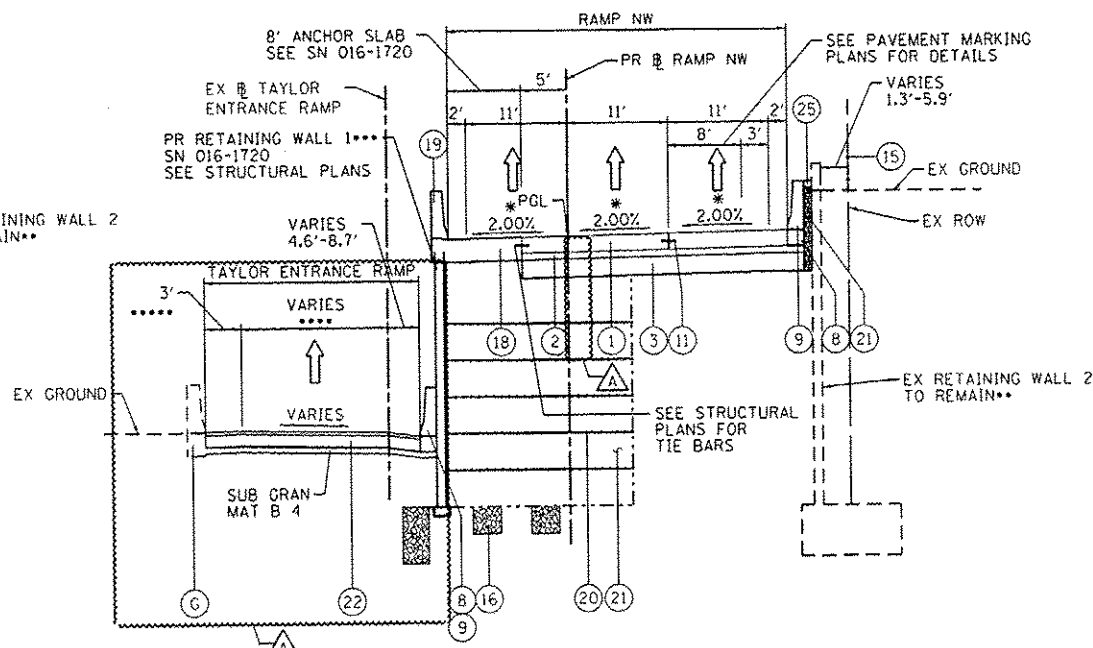
STA 1813+60.00 TO STA 1816+56.17



4 PROPOSED TYPICAL SECTION RAMP NW

STA 1806+91.96 TO STA 1813+60.00

- SEE NOTE 4
- SEE SN 016-Z024 STRUCTURAL PLAN FOR LIMITS OF STRUCTURAL REPAIR OF CONCRETE
- BEGIN 2' PORTLAND CEMENT CONCRETE SHOULDER 10 1/2" AT STA 1808+21.47
- END 4.75' PCC SHLD, 10 1/2" AND TRANSITION TO 2' PCC SHLD 10 1/2" AT STA 1810+08.81



6 PROPOSED TYPICAL SECTION RAMP NW

STA 1813+60.00 TO STA 1816+56.17

- SEE SN 016-Z024 STRUCTURAL PLAN FOR LIMITS OF STRUCTURAL REPAIR OF CONCRETE
- PR RETAINING WALL 1 (WEST WALL) BEGINS AT STA 1813+60.00
- TEMPORARY PAVEMENT WIDTH VARIES FROM 15' TO 2' FROM STA 1813+40.36 TO STA 1814+77.99 AND 2' FROM STA 1814+77.99 TO STA 1816+03.50
- LEFT SHOULDER ENDS AT STA 1814+54.70
- TEMPORARY PAVEMENT ON TAYLOR STREET ENTRANCE RAMP BEGINS AT STA 1813+40.36

EXISTING

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

PROPOSED

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

NOTES:

1. THE ADDITIONAL THICKNESS OF AGGREGATE SUBGRADE IMPROVEMENT UNDER THE SHOULDER TO DRAIN TO UNDERDRAINS SHALL BE INCLUDED IN THE COST PER SQ. YD. OF AGGREGATE SUBGRADE IMPROVEMENT 24".
2. THE MAXIMUM ROLLOVER BETWEEN THE PAVEMENT AND THE SHOULDER ON THE HIGH SIDE OF THE SUPERELEVATION IS 8.0%.
3. FOR PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED) DETAILS, SEE JOINTING AND PCC PAVEMENT DETAIL PLAN.
4. SEE SE TRANSITION DATA TABLE FOR SUPERELEVATION TRANSITIONS.
5. SEE GRADING PLAN FOR GRADING LIMITS AND SLOPES.
6. SEE ROADWAY DETAILS FOR ADDITIONAL INFORMATION AND LIMITS OF VARIOUS TYPES OF CONCRETE BARRIERS.
7. TIE BARS FOR BARRIER WALLS ARE NOT SHOWN ON THE TYPICAL SECTIONS FOR CLARITY.

BOXED ITEMS ARE INCLUDED IN THE COST OF THE CONTRACT.



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 PLOT SCALE: 28.0000 / 1"
 PLOT DATE: 5/27/2014

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

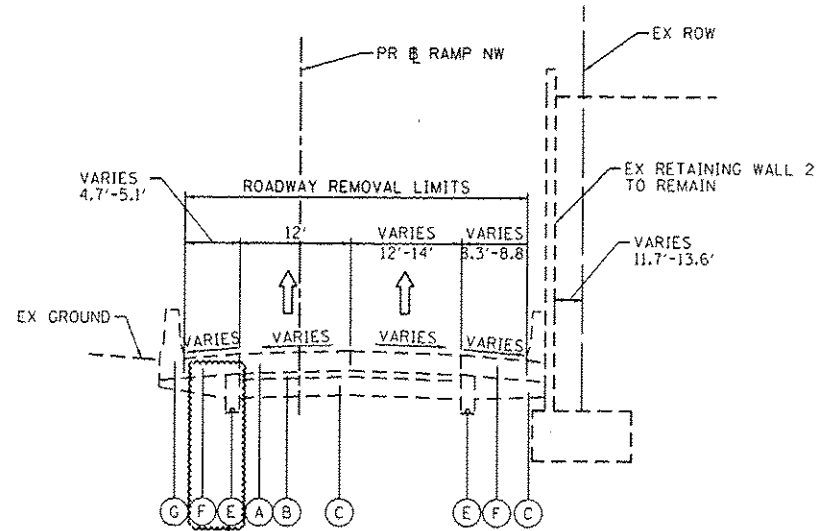
REVISED - 05/27/2014
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 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

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

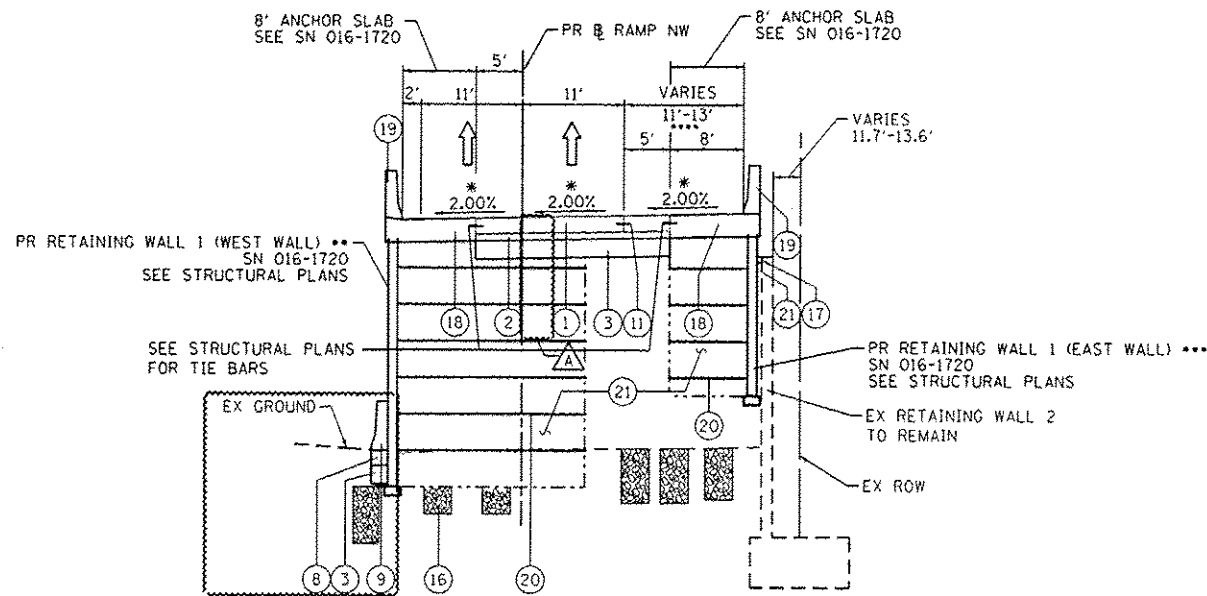
TYPICAL SECTIONS

P.A.I. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
90/34/290	2013-010R	COOK	747 23
			CONTRACT NO. 60W28
ILLINOIS FED. AID PROJECT			



**EXISTING TYPICAL SECTION
RAMP NW**

STA 1816+56.17 TO STA 1818+53.67



**PROPOSED TYPICAL SECTION
RAMP NW**

STA 1816+56.17 TO STA 1818+53.67

• SEE NOTE 4

- PR RETAINING WALL 1 (WEST WALL) ENDS AT STA 1818+53.67
- PR RETAINING WALL 1 (EAST WALL) BEGINS AT STA 1816+56.17 AND ENDS AT STA 1818+46.17
- FUTURE TRAVEL LANE

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

EXISTING

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

PROPOSED

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

NOTES:

1. THE ADDITIONAL THICKNESS OF AGGREGATE SUBGRADE IMPROVEMENT UNDER THE SHOULDER TO DRAIN TO UNDERDRAINS SHALL BE INCLUDED IN THE COST PER SQ. YD. OF AGGREGATE SUBGRADE IMPROVEMENT 24".
2. THE MAXIMUM ROLLOVER BETWEEN THE PAVEMENT AND THE SHOULDER ON THE HIGH SIDE OF THE SUPERELEVATION IS 8.0%.
3. FOR PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED) DETAILS, SEE JOINTING AND PCC PAVEMENT DETAIL PLAN.
4. SEE SE TRANSITION DATA TABLE FOR SUPERELEVATION TRANSITIONS.
5. SEE GRADING PLAN FOR GRADING LIMITS AND SLOPES.
6. SEE ROADWAY DETAILS FOR ADDITIONAL INFORMATION AND LIMITS OF VARIOUS TYPES OF CONCRETE BARRIERS.
7. TIE BARS FOR BARRIER WALLS ARE NOT SHOWN ON THE TYPICAL SECTIONS FOR CLARITY.

BOXED ITEMS ARE INCLUDED IN THE COST OF THE CONTRACT.

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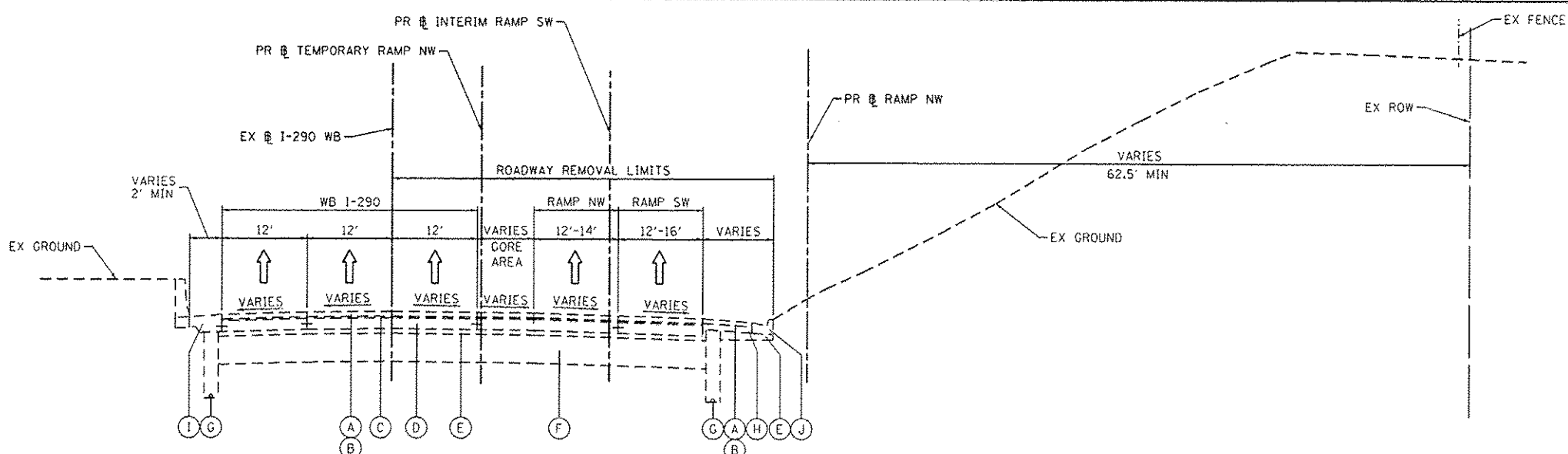


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 PLOT DATE: 5/27/2014

DESIGNED - KAM	REVISED - 05/27/2014
DRAWN - NSA	REVISED -
CHECKED - KCF	REVISED -
DATE - 04/28/14	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

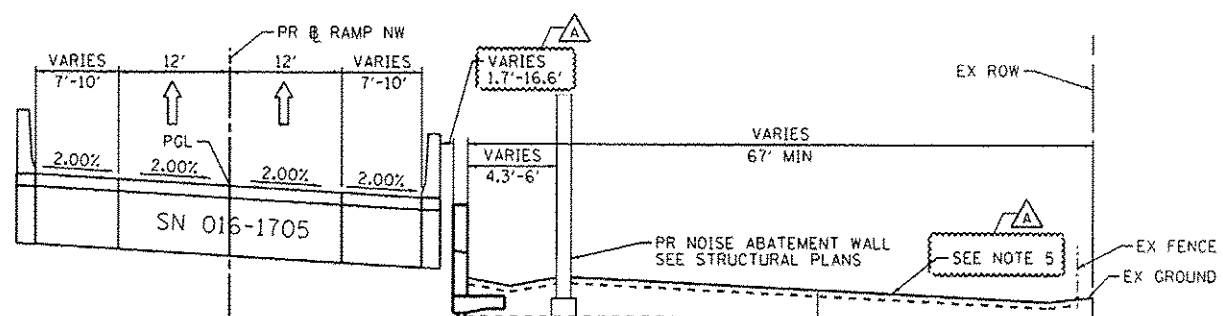
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SCALE: NONE	SHEET 3 OF 11 SHEETS	90/94/290	2013-010R	COOK	747	24
STA. TO STA.		CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT						



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

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

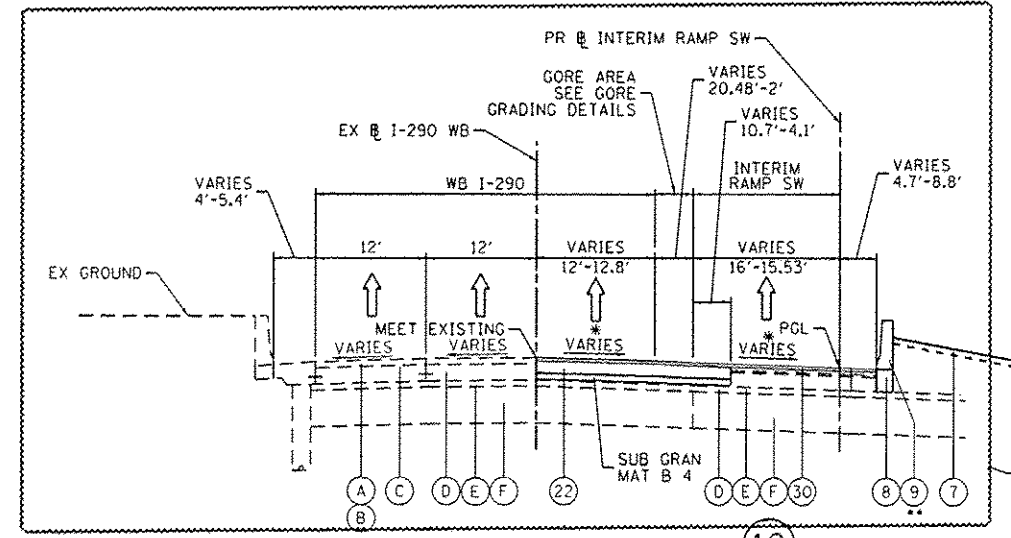
- PROPOSED**
- (1) PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" (JOINTED)
 - (2) STABILIZED SUBBASE-HOT MIX ASPHALT, 4"
 - (3) AGGREGATE SUBGRADE IMPROVEMENT 12"
 - (4) PORTLAND CEMENT CONCRETE SHOULDERS 10 1/2"
 - (5) RETAINING WALL / MSE WALL
 - (6) ITEM REMOVED
 - (7) TOPSOIL FURNISH AND PLACE, 4" SEEDING,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



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

- NOTES:**
1. THE ADDITIONAL THICKNESS OF AGGREGATE SUBGRADE IMPROVEMENT UNDER THE SHOULDER TO DRAIN TO UNDERDRAINS SHALL BE INCLUDED IN THE COST PER SQ. YD. OF AGGREGATE SUBGRADE IMPROVEMENT 24".
 2. THE MAXIMUM ROLLOVER BETWEEN THE PAVEMENT AND THE SHOULDER ON THE HIGH SIDE OF THE SUPERELEVATION IS 8.0%.
 3. FOR PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED) DETAILS, SEE JOINTING AND PCC PAVEMENT DETAIL PLAN.
 4. SEE SE TRANSITION DATA TABLE FOR SUPERELEVATION TRANSITIONS.
 5. SEE GRADING PLAN FOR GRADING LIMITS AND SLOPES.
 6. SEE ROADWAY DETAILS FOR ADDITIONAL INFORMATION AND LIMITS OF VARIOUS TYPES OF CONCRETE BARRIERS.
 7. TIE BARS FOR BARRIER WALLS ARE NOT SHOWN ON THE TYPICAL SECTIONS FOR CLARITY.

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



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

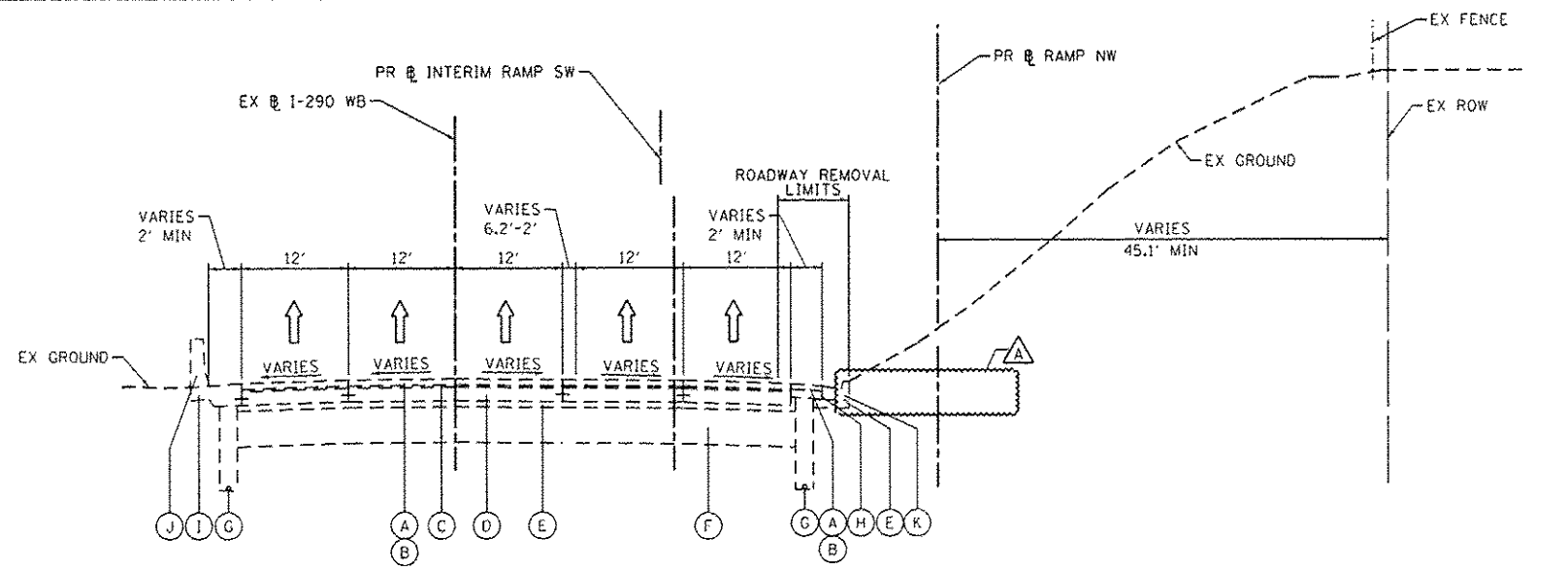


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PLOT DATE - 5/27/2014	DATE - 04/28/14	REVISED -

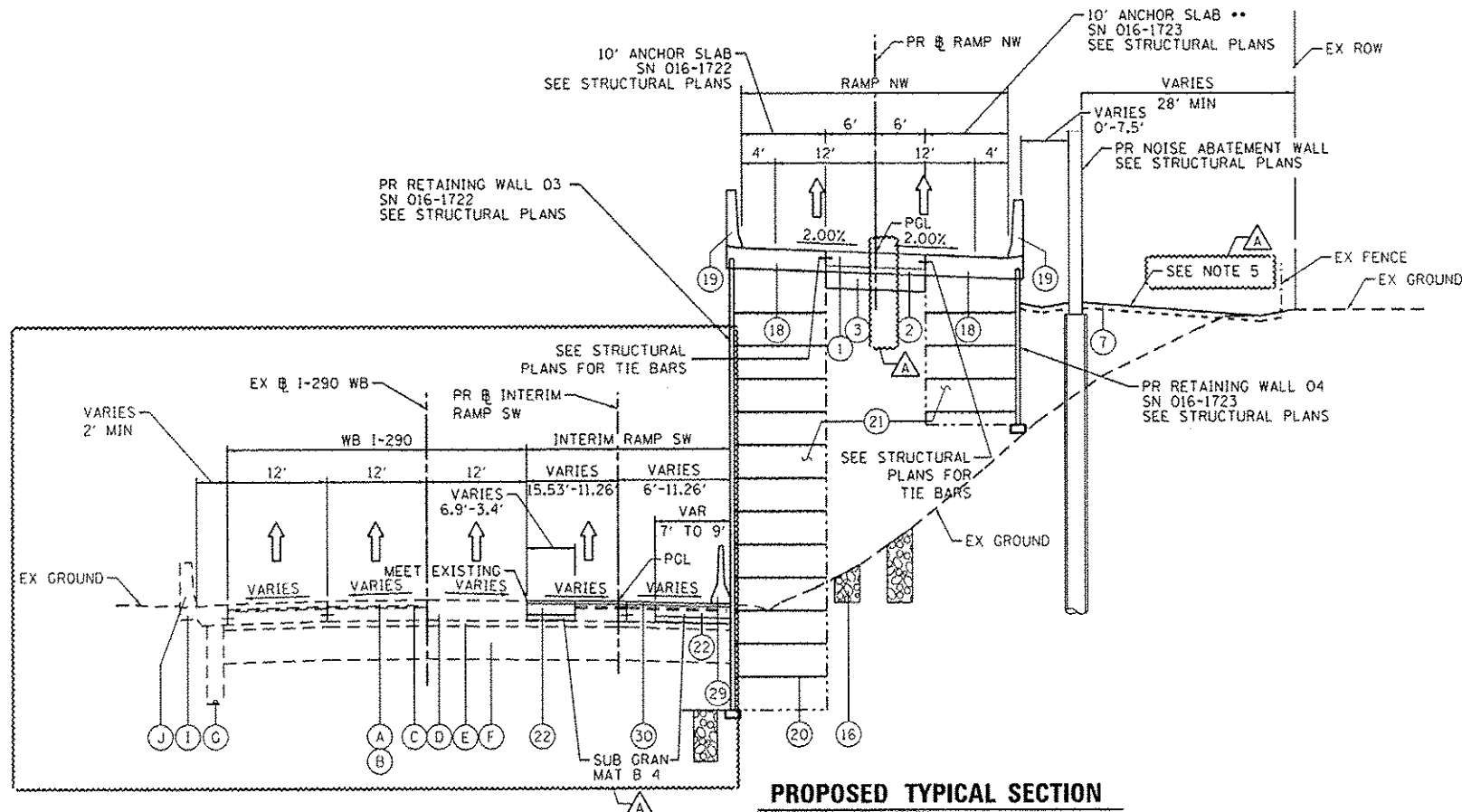
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS	
SCALE: NONE	SHEET 4 OF 11 SHEETS
STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	25
CONTRACT NO. 60W28				
ILLINOIS/FED. AID PROJECT				



**11 EXISTING TYPICAL SECTION
RAMP NW**
STA 1837+88.60 TO STA 1838+98.00



**PROPOSED TYPICAL SECTION
RAMP NW**
STA 1837+88.60 TO STA 1838+98.00

• SEE NOTE 4
•• ANCHOR SLAB ENDS AT STA 1839+00.00
BRIDGE APPROACH PAVEMENT STA 1838+23.17 TO STA 1838+53.17
BRIDGE APPROACH PAVEMENT CONNECTOR STA 1838+53.17 TO STA 1839+53.17
RW 3 SN 016-1722 STA 1838+15.67 TO STA 1841+78.17
RW 4 SN 016-1723 STA 1838+23.17 TO STA 1841+26.23

EXISTING

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

PROPOSED

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

NOTES:

1. THE ADDITIONAL THICKNESS OF AGGREGATE SUBGRADE IMPROVEMENT UNDER THE SHOULDER TO DRAIN TO UNDERDRAINS SHALL BE INCLUDED IN THE COST PER SQ. YD. OF AGGREGATE SUBGRADE IMPROVEMENT 24".
2. THE MAXIMUM ROLLOVER BETWEEN THE PAVEMENT AND THE SHOULDER ON THE HIGH SIDE OF THE SUPERELEVATION IS 8.0%.
3. FOR PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED) DETAILS, SEE JOINTING AND PCC PAVEMENT DETAIL PLAN.
4. SEE SE TRANSITION DATA TABLE FOR SUPERELEVATION TRANSITIONS.
5. SEE GRADING PLAN FOR GRADING LIMITS AND SLOPES.
6. SEE ROADWAY DETAILS FOR ADDITIONAL INFORMATION AND LIMITS OF VARIOUS TYPES OF CONCRETE BARRIERS.
7. TIE BARS FOR BARRIER WALLS ARE NOT SHOWN ON THE TYPICAL SECTIONS FOR CLARITY.

BOXED ITEMS ARE INCLUDED IN THE COST OF CONTRACT.



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PLOT SCALE: 1/8" = 1'-0"
PLOT DATE: 5/27/2014

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

REVISED - 5/27/2014
REVISED -
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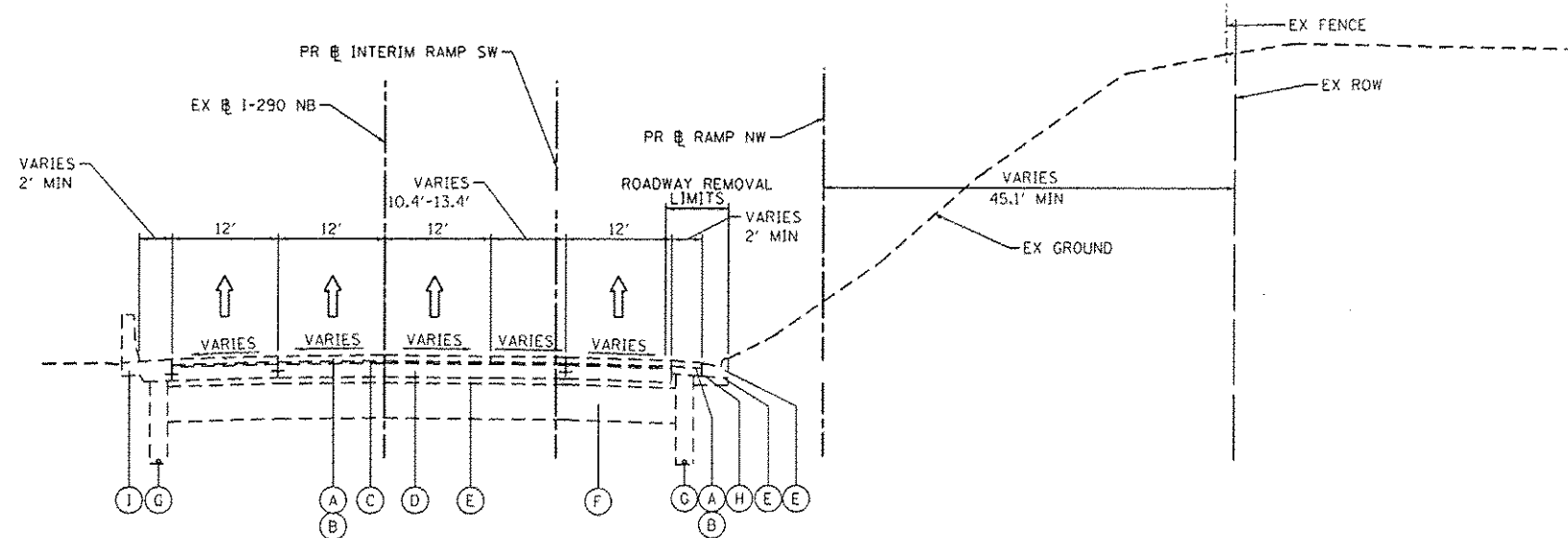
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

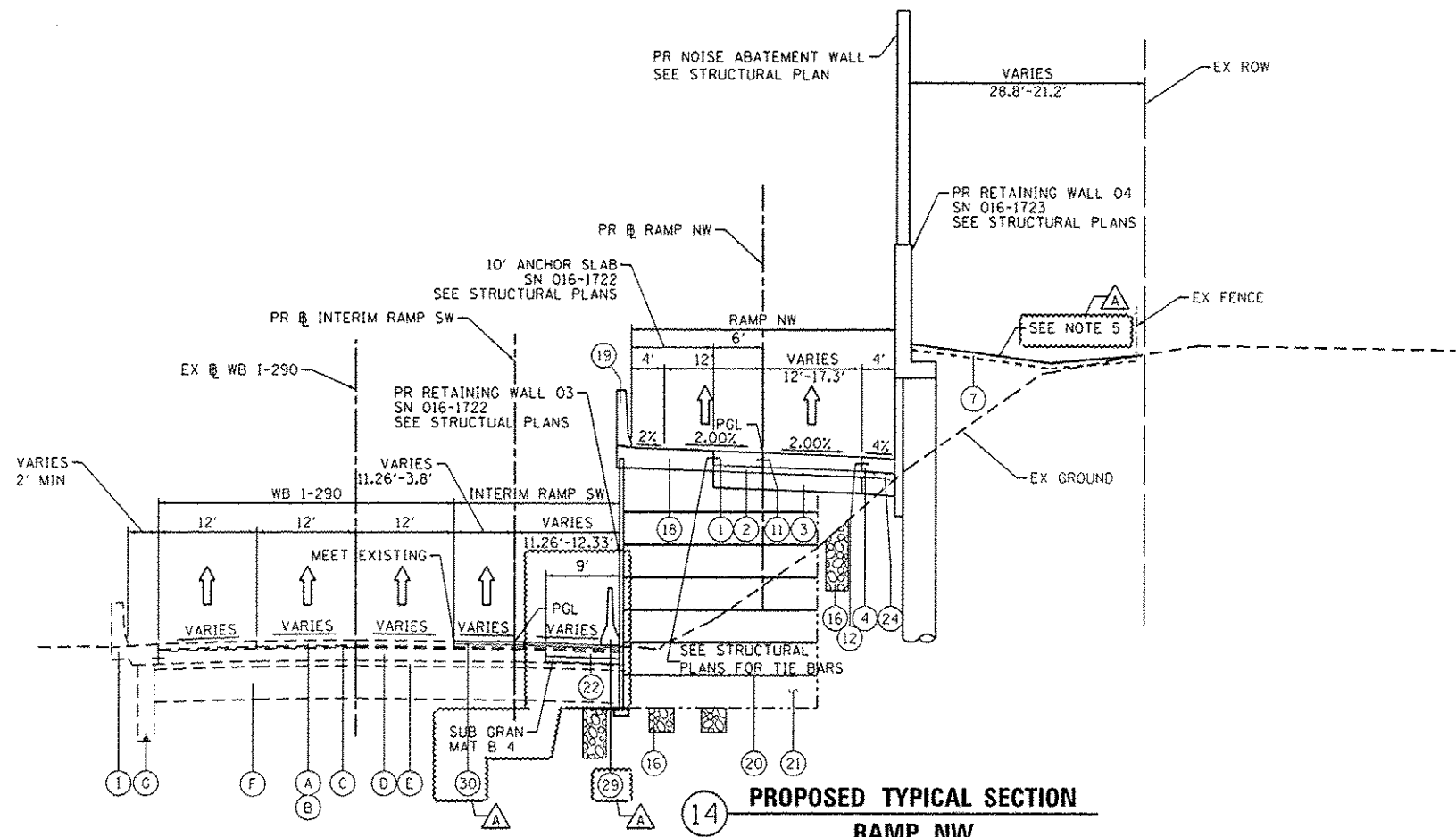
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	147	26
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				

FILE PATH: C:\Users\alizedehn\OneDrive\Projects\Final Sheets\2013\2013-010R\2013-010R-26.dgn



**13 EXISTING TYPICAL SECTION
RAMP NW**
STA 1838+98.00 TO STA 1841+26.23



**14 PROPOSED TYPICAL SECTION
RAMP NW**
STA 1838+98.00 TO STA 1841+26.23

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

EXISTING

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

PROPOSED

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

NOTES:

1. THE ADDITIONAL THICKNESS OF AGGREGATE SUBGRADE IMPROVEMENT UNDER THE SHOULDER TO DRAIN TO UNDERDRAINS SHALL BE INCLUDED IN THE COST PER SQ. YD. OF AGGREGATE SUBGRADE IMPROVEMENT 24".
2. THE MAXIMUM ROLLOVER BETWEEN THE PAVEMENT AND THE SHOULDER ON THE HIGH SIDE OF THE SUPERELEVATION IS 8.0%.
3. FOR PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED) DETAILS, SEE JOINTING AND PCC PAVEMENT DETAIL PLAN.
4. SEE SE TRANSITION DATA TABLE FOR SUPERELEVATION TRANSITIONS.
5. SEE GRADING PLAN FOR GRADING LIMITS AND SLOPES.
6. SEE ROADWAY DETAILS FOR ADDITIONAL INFORMATION AND LIMITS OF VARIOUS TYPES OF CONCRETE BARRIERS.
7. TIE BARS FOR BARRIER WALLS ARE NOT SHOWN ON THE TYPICAL SECTIONS FOR CLARITY.

BOXED ITEMS ARE INCLUDED IN THE COST OF THE CONTRACT.

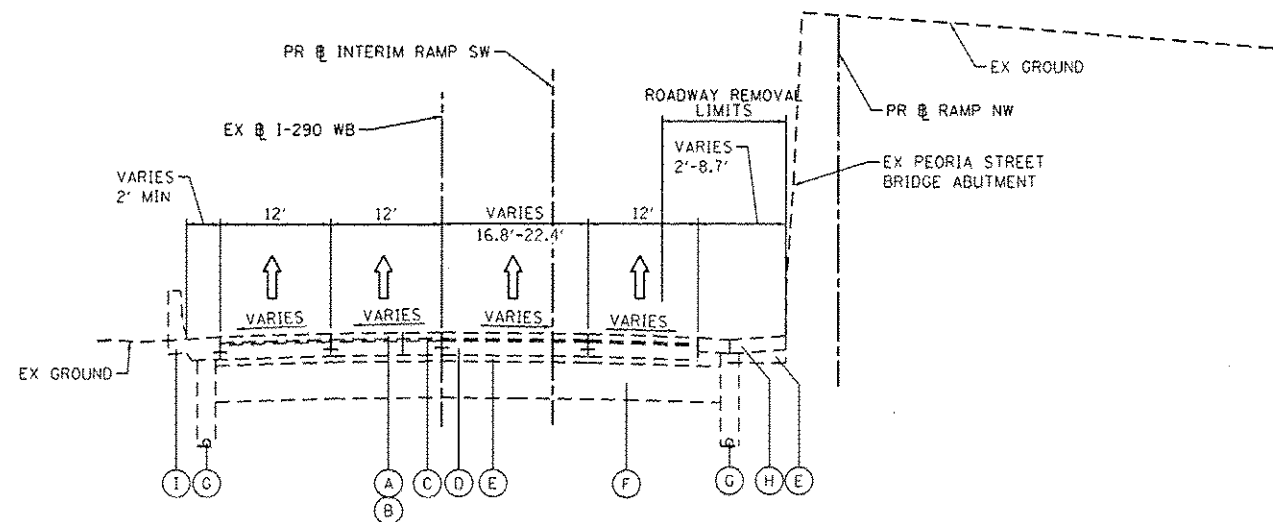


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PLOT DATE: 5/27/2014	DATE - 04/28/14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

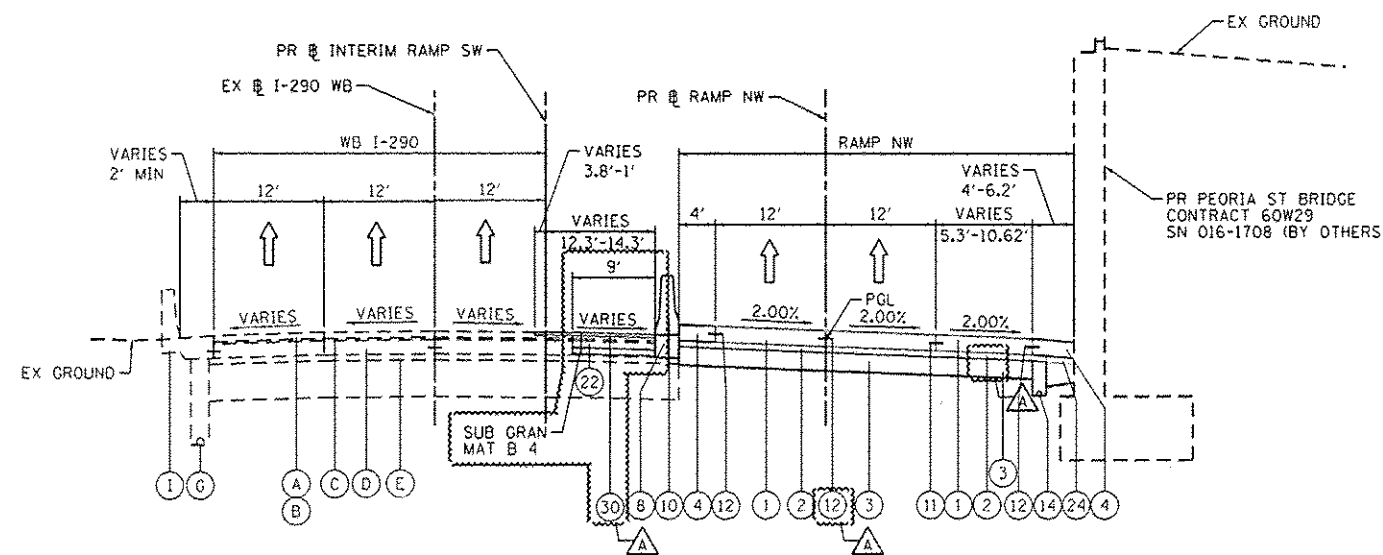
TYPICAL SECTIONS

SCALE: NONE	SHEET 6	OF 11 SHEETS	STA.	TO STA.	F.A.J. RTE. 90/94/290	SECTION 2013-010R	COUNTY COOK	TOTAL SHEETS 747	SHEET NO. 27	CONTRACT NO. 60W28	ILLINOIS FED. AID PROJECT
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15 EXISTING TYPICAL SECTION
RAMP NW

STA 1841+26.23 TO STA 1842+02.61



16 PROPOSED TYPICAL SECTION
RAMP NW

STA 1841+26.23 TO STA 1842+02.61

EXISTING

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

PROPOSED

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

NOTES:

1. THE ADDITIONAL THICKNESS OF AGGREGATE SUBGRADE IMPROVEMENT UNDER THE SHOULDER TO DRAIN TO UNDERDRAINS SHALL BE INCLUDED IN THE COST PER SQ. YD. OF AGGREGATE SUBGRADE IMPROVEMENT 24".
2. THE MAXIMUM ROLLOVER BETWEEN THE PAVEMENT AND THE SHOULDER ON THE HIGH SIDE OF THE SUPERELEVATION IS 8.0%.
3. FOR PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED) DETAILS, SEE JOINTING AND PCC PAVEMENT DETAIL PLAN.
4. SEE SE TRANSITION DATA TABLE FOR SUPERELEVATION TRANSITIONS.
5. SEE GRADING PLAN FOR GRADING LIMITS AND SLOPES.
6. SEE ROADWAY DETAILS FOR ADDITIONAL INFORMATION AND LIMITS OF VARIOUS TYPES OF CONCRETE BARRIERS.
7. TIE BARS FOR BARRIER WALLS ARE NOT SHOWN ON THE TYPICAL SECTIONS FOR CLARITY.

BOXED ITEMS ARE INCLUDED IN THE COST OF THE CONTRACT.



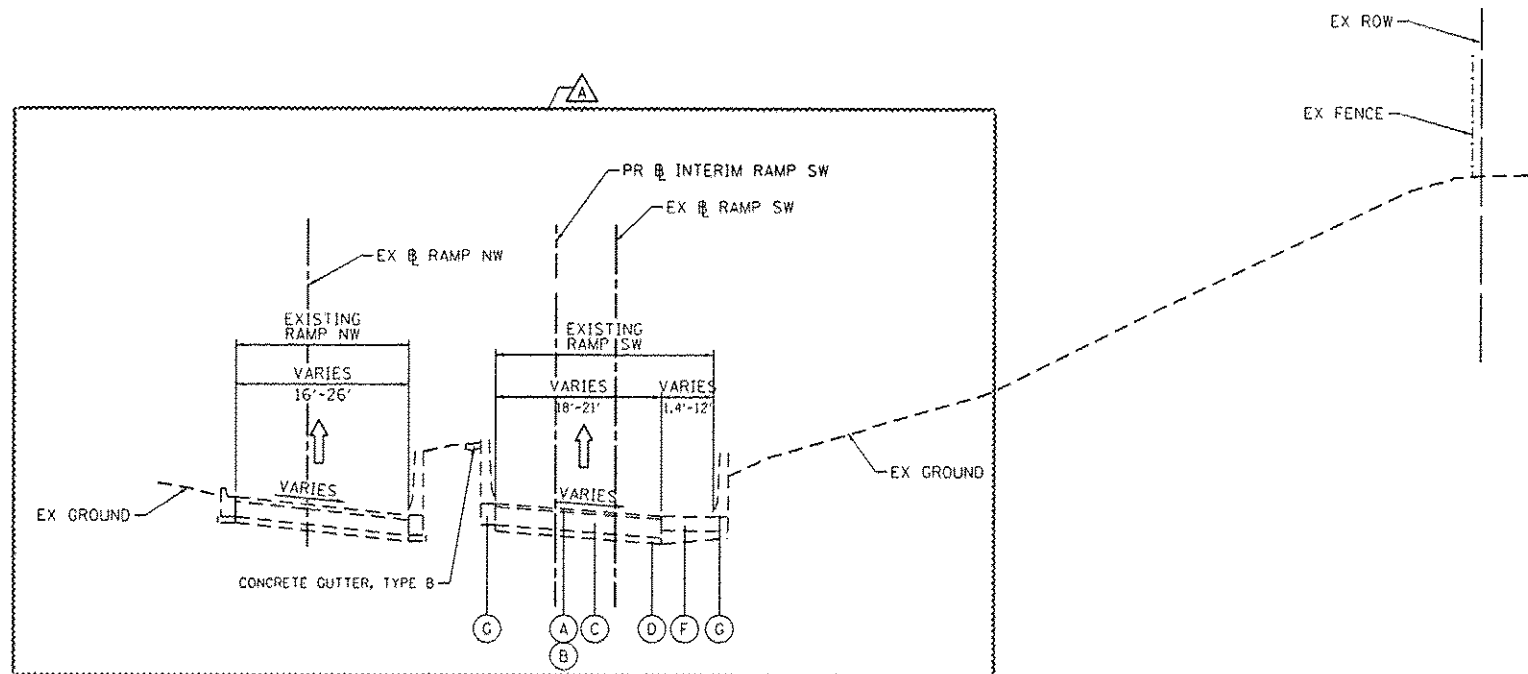
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DESIGNED - KAM
DRAWN - NSA
CHECKED - KCF
DATE - 04/28/14

REVISED - 5/27/2014
REVISED -
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REVISED -

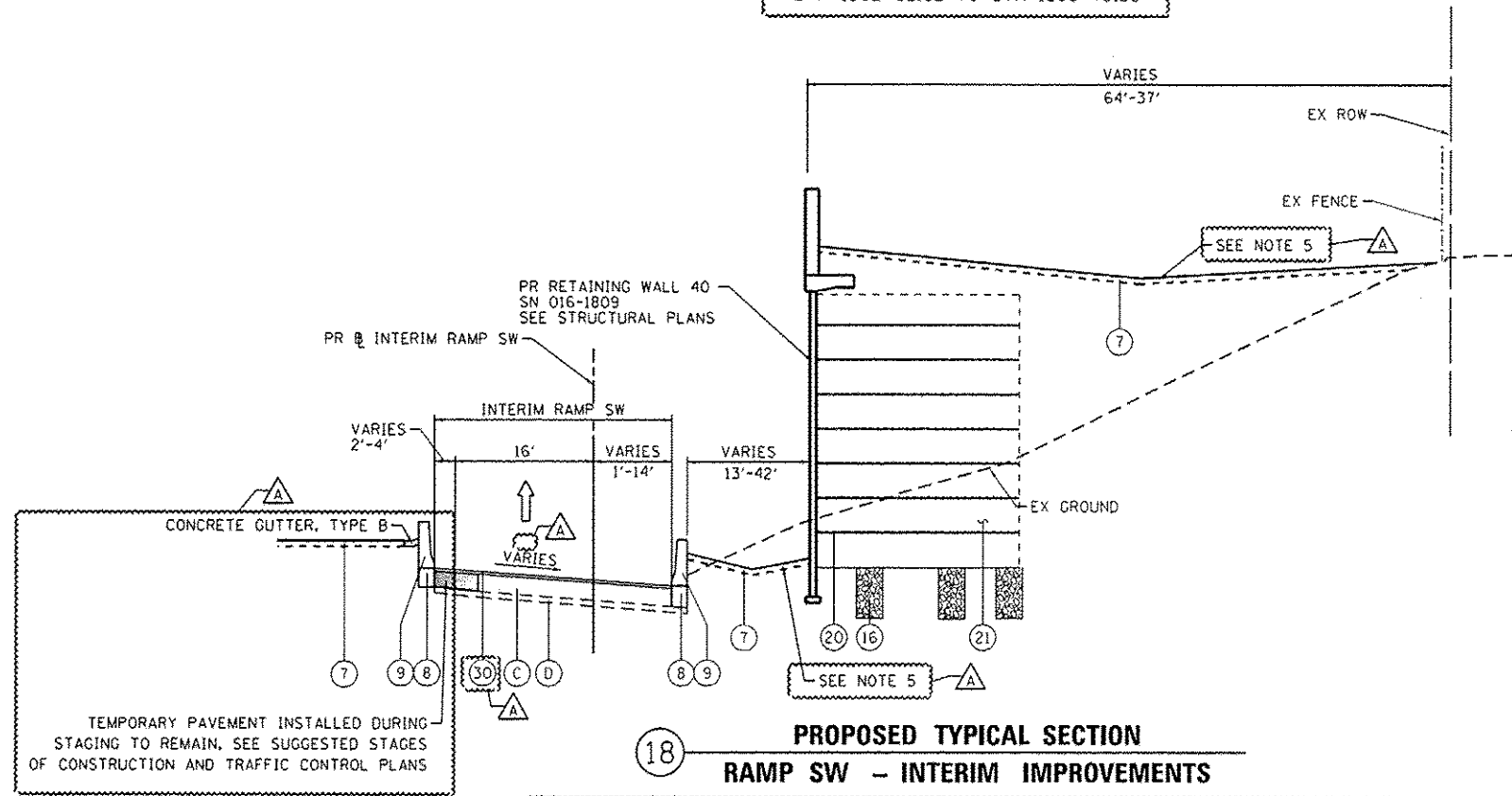
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS		P.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: NONE	SHEET 7 OF 11 SHEETS	90/94/290	2013-010R	COOK	747	28
						CONTRACT NO. 60W28
[ILLINOIS] FED. AID PROJECT						



17 EXISTING TYPICAL SECTION
RAMP SW

STA 1302+02.82 TO STA 1303+75.33



18 PROPOSED TYPICAL SECTION
RAMP SW - INTERIM IMPROVEMENTS

STA 1302+02.82 TO STA 1304+23.91
(@ INTERIM RAMP SW)
LEFT CONCRETE BARRIER AND CONCRETE GUTTER STA 1302+02.91 TO STA 1303+75.33
RIGHT CONCRETE BARRIER BEGINS AT STA 1303+49.30

- EXISTING**
- (A) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
 - (B) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/4"
 - (C) PORTLAND CEMENT CONCRETE PAVEMENT, 10" & VARIES
 - (D) SUBBASE GRANULAR MATERIAL, 6" & VARIES
 - (E) PIPE UNDERDRAIN, 6"
 - (F) HOT-MIX ASPHALT SHOULDER, 10" & VARIES
 - (G) CONCRETE BARRIER

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

- NOTES:**
1. THE ADDITIONAL THICKNESS OF AGGREGATE SUBGRADE IMPROVEMENT UNDER THE SHOULDER TO DRAIN TO UNDERDRAINS SHALL BE INCLUDED IN THE COST PER SQ. YD. OF AGGREGATE SUBGRADE IMPROVEMENT 24".
 2. THE MAXIMUM ROLLOVER BETWEEN THE PAVEMENT AND THE SHOULDER ON THE HIGH SIDE OF THE SUPERELEVATION IS 8.0%.
 3. FOR PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED) DETAILS, SEE JOINTING AND PCC PAVEMENT DETAIL PLAN.
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 7. TIE BARS FOR BARRIER WALLS ARE NOT SHOWN ON THE TYPICAL SECTIONS FOR CLARITY.

BOXED ITEMS ARE INCLUDED IN THE COST OF THE CONTRACT.

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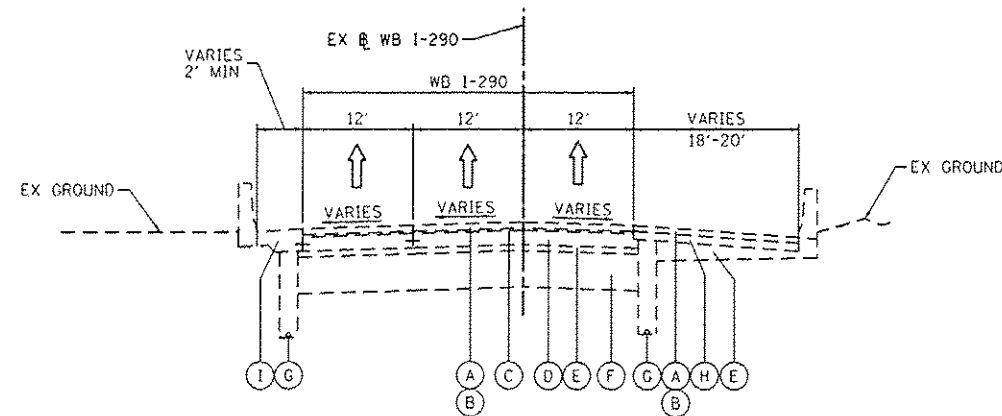
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

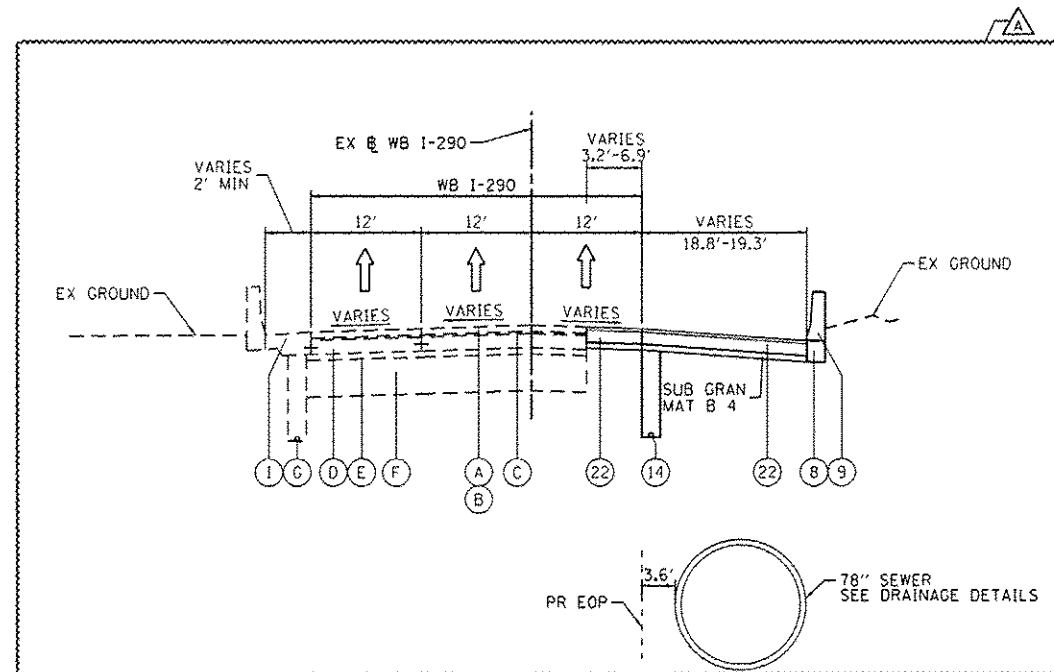
TYPICAL SECTIONS
SCALE: NONE SHEET 8 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	29
CONTRACT NO. 60W28				
ILLINOIS FEB. AND PROJECT				



19 EXISTING TYPICAL SECTION
WB I-290

STA 351+15.34 TO STA 354+05.95
(LOOKING DOWN STATION)



20 PROPOSED TYPICAL SECTION
WB I-290

STA 351+15.34 TO STA 354+05.95
(LOOKING DOWN STATION)

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

EXISTING

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

PROPOSED

- (1) PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" (JOINTED)
- (2) STABILIZED SUBBASE-HOT MIX ASPHALT, 4"
- (3) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (4) PORTLAND CEMENT CONCRETE SHOULDERS 10 1/2"
- (5) RETAINING WALL / MSE WALL
- (6) ITEM REMOVED
- (7) TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 2A
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- (14) PIPE UNDERDRAINS 6"
- (15) CHAIN LINK FENCE, 6"
- (16) AGGREGATE COLUMN (SEE STRUCTURAL PLANS)
- (17) CAST-IN-PLACE CONCRETE COPING SEAL WITH P/J (SEE STRUCTURAL PLANS)
- (18) ANCHOR SLAB (SEE STRUCTURAL PLANS)
- (19) PARAPET (SEE STRUCTURAL PLANS)
- (20) SOIL REINFORCEMENT (SEE STRUCTURAL PLANS)
- (21) LIGHTWEIGHT FILL (SEE STRUCTURAL PLANS)
- (22) TEMPORARY PAVEMENT
- (23) TEMPORARY CONCRETE BARRIER
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- (27) PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- (28) PORTLAND CEMENT CONCRETE SHOULDER, 10"
- (29) TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)
- (30) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, (IL-9.5 MM); 1 3/4"
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- (32) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL-9.5 MM); 2"

NOTES:

1. THE ADDITIONAL THICKNESS OF AGGREGATE SUBGRADE IMPROVEMENT UNDER THE SHOULDER TO DRAIN TO UNDERDRAINS SHALL BE INCLUDED IN THE COST PER SQ. YD. OF AGGREGATE SUBGRADE IMPROVEMENT 24".
2. THE MAXIMUM ROLLOVER BETWEEN THE PAVEMENT AND THE SHOULDER ON THE HIGH SIDE OF THE SUPERELEVATION IS 8.0%.
3. FOR PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED) DETAILS, SEE JOINTING AND PCC PAVEMENT DETAIL PLAN.
4. SEE SE TRANSITION DATA TABLE FOR SUPERELEVATION TRANSITIONS.
5. SEE GRADING PLAN FOR GRADING LIMITS AND SLOPES.
6. SEE ROADWAY DETAILS FOR ADDITIONAL INFORMATION AND LIMITS OF VARIOUS TYPES OF CONCRETE BARRIERS.
7. TIE BARS FOR BARRIER WALLS ARE NOT SHOWN ON THE TYPICAL SECTIONS FOR CLARITY.

BOXED ITEMS ARE INCLUDED IN THE COST OF THE CONTRACT.

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PLOT DATE: 5/27/2014

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

REVISED - 5/27/2014
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REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

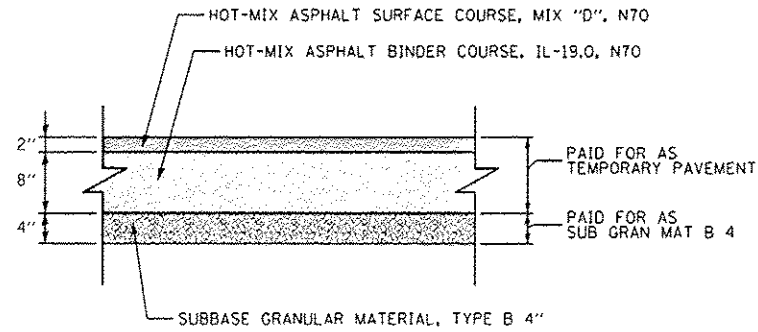
TYPICAL SECTIONS

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

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	30
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				

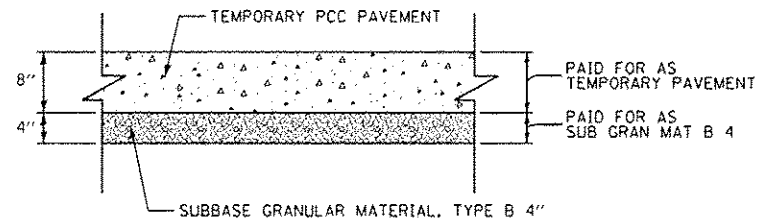
TEMPORARY PAVEMENT DETAILS:

DETAIL A: FULL DEPTH TEMPORARY HMA PAVEMENT



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

DETAIL B: TEMPORARY PCC PAVEMENT



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

TEMPORARY PAVEMENT GENERAL NOTES:

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

HOT MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS (%) @ND5	QMP
TEMPORARY PAVEMENT (IF HMA OPTION IS SELECTED BY CONTRACTOR)		
TEMPORARY RAMP NW, TEMPORARY RAMP SW, TAYLOR STREET ENTRANCE RAMP, WB 1-290, AND GREEN STREET		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL-9.5 MM): 1 3/4"	4% @ 70 GYR	QC/OA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70: 2 1/4" 8" (IN 3 LIFTS)	4% @ 70 GYR	QC/OA
INTERIM RAMP SW RESURFACING		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, (IL-9.5 MM): 1 3/4"	4% @ 90 GYR	QC/OA
RAMP NW		
STABILIZED SUBBASE - HOT-MIX ASPHALT, 4" (HMA BINDER IL-19 MM)	3% @ 50 GYR	OCP
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/OA); QUALITY CONTROL FOR PERFORMANCE (OCP)		

1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/50 YD/IN.
2. THE AC TYPE FOR POLYMERIZED HMA MIXTURES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE SPECIAL PROVISIONS.

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PLDT DATE: 5/27/2014	DATE - 04/28/14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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

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

I-290 WB (UNDER NW RAMP ONLY)

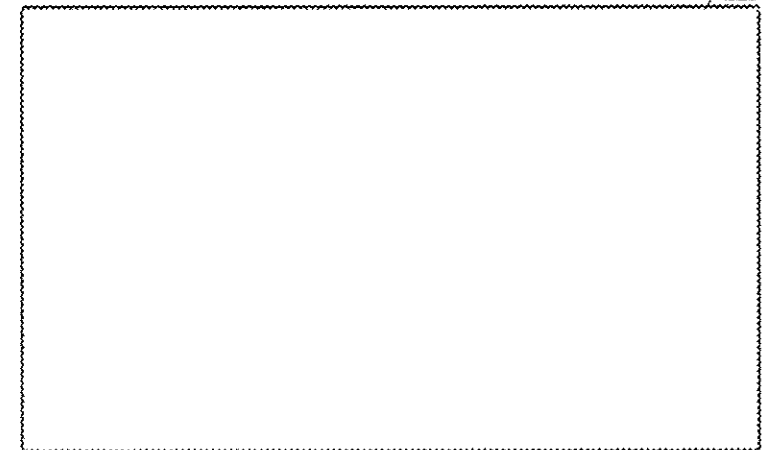
STRUCTURAL DESIGN TRAFFIC: YEAR 2040
 PV= 29,607 SU= 302 MU= 302
 ROAD/STREET CLASSIFICATION: CLASS I
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
 P= 50% S= 50% M= 50%
 TRAFFIC FACTOR: ACTUAL TF= 2.58 AC TYPE= _____
 MINIMUM TF= 11.17
 PG GRADE: BINDER= _____ SURFACE= _____
 SUBGRADE SUPPORT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

RAMP NW

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

ROOSEVELT ENTRANCE RAMP

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



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

REVISED - 5/27/2014
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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

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

REMOVAL SCHEDULE

SHEET	STATION	TO	STATION	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (OVER 15 UNITS DIAMETER)	TREE REMOVAL, ACRES	PAVEMENT REMOVAL	COMBINATION CURB AND GUTTER REMOVAL	CONCRETE BARRIER REMOVAL	PAVED SHOULDER REMOVAL	GUARDRAIL REMOVAL	CONCRETE MEDIAN SURFACE REMOVAL	REMOVE IMPACT ATTENUATORS, NO SALVAGE	APPROACH SLAB REMOVAL	FENCE REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	DRIVEWAY PAVEMENT REMOVAL	SIDEWALK REMOVAL	CUTTER REMOVAL
				UNIT	UNIT		SO YD	FOOT	FOOT	SO YD	FOOT	SO FT	EACH	SO YD	FOOT	SO YD	SO YD	SO FT	FOOT
1	1802+75.00		1803+50.00				2888		1582	1034		2135							
2	1803+50.00		1814+00.00				3859		2275	1593			1						
3	1814+00.00		1824+00.00				2664		3092	1333		122		177					
4	1824+00.00		1833+00.00	63	20	0.31	2573	1027	603	1115	51			84	534	1743	32	487	165
5	1833+00.00		1841+00.00	70	17	0.29	155		103						45				
6	1841+00.00		END	10															
5 AND SHEET # 73	GREEN ST		UIC IN-FIELD	60															
ALLOWANCE				0	0	0	1212	0	766		0	0	0	0	0	175	0	0	0
ROUNDED TOTAL				203	37	0.75	13331	1027	8421	5075	51	2257	1	262	580	1918	32	487	165

ROADSIDE SAFETY SCHEDULE

LOCATION	STATION	TO	STATION	SHOULDER RUMBLE STRIPS, 16 INCH	CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT	CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT	CONCRETE BARRIER TRANSITION	CONCRETE BARRIER, SINGLE FACE, 32 INCH HEIGHT (SPECIAL)	CONCRETE BARRIER, SPECIAL, 32" HEIGHT	CONCRETE BARRIER BASE	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	COMBINATION CURB AND GUTTER TYPE B (V.12 (C001))	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	CHAIN LINK FENCE, 6'	CHAIN LINK GATES, 6' X 6' SINGLE	CHAIN LINK GATES, 6' X 12' DOUBLE	BARRIER WALL MARKERS, TYPE C	TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)	TEMPORARY PAVEMENT MARKING LINE 6"	CONCRETE GUTTER, TYPE B	CONCRETE BARRIER WALL (SPECIAL)	
				FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	FOOT	EACH	EACH	EACH	FOOT	FOOT	FOOT
1	1802+75.00		1803+50.00							1478														166
2	1802+00.00		1814+00.00	586	1247	20	45		50	859										112	175.0	175		
3	1814+00.00		1824+00.00		774		35			1388						504		2		108	275.0	275		
4	1824+00.00		1833+00.00	3	1247		141			457			118			16	1		39	300.0	300	179		
5	1833+00.00		1841+00.00	1471	392		50	15		25								1	8	112.5	113			
6	1841+00.00		END	307		25																		
7	INTERIM RAMP SW																							
8	TAYLOR STREET ENTRANCE RAMP																							
9	WB I-290																							
10	GREEN STREET/UIC INFIELD										50	207	0		1						100	100	0	0
ALLOWANCE				0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
ROUNDED TOTAL				2367	3660	45	271	15	50	4207	50	207	118	0	2	520	1	3	335	962.5	963	179	166	

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DIGW28-int-Schedule-01
 USER NAME = elizadehn
 PLOT SCALE = 1/80,000 / in.
 PLOT DATE = 5/28/2014

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

REVISED - 5/27/2014
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

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

ROADWAY SCHEDULE

LOCATION	STATION	TO	STATION	SO YD	SO YD	SO YD	SO YD	CU YD	SO YD	POUND	SO YD	SO YD	SQ YD	SO YD	SO YD	SO YD	SO YD	EACH	FOOT	SO YD	SO YD	SO FT	TON	TON	TON	SO YD	SO YD	SO YD	SO YD
1	1802+75.00		1803+50.00																										
2	1802+00.00		1814+00.00	7264	7264	641		497	3156	200											557	4470							
3	1814+00.00		1824+00.00	3204	3204	106		189	1138	400								35	187		80	1699			18	214	75	75	
4	1824+00.00		1833+00.00	1632	1632	732												151	668		661	1177					192	192	
5	1833+00.00		1841+00.00	1131	1131	56			510	2600											90							162	
6	1841+00.00		END	820	820	54			361	400											80							18	
7	INTERIM RAMP SW																												
8	TAYLOR STREET ENTRANCE RAMP																												
9	WB I-290																												
10	GREEN STREET/UIC INFIELD									374																			
	ALLOWANCE			1405	1405	159		37	69	517	400	37		853	0	0	0	0	0	0	147	735	5	4	18	2	21	27	27
	ROUNDED TOTAL			15457	15457	1748		412	755	5682	4400	412		9378	425	0	0	0	0	0	1615	8081	234	41	198	20	236	294	294

ROADWAY SCHEDULE (CONTINUED)

LOCATION	STATION	TO	STATION	SO FT	SO YD	SO YD	SO YD
1	1802+75.00		1803+50.00				
2	1802+00.00		1814+00.00			147	2910
3	1814+00.00		1824+00.00			434	1142
4	1824+00.00		1833+00.00				
5	1833+00.00		1841+00.00			1563	502
6	1841+00.00		END			79	321
7	INTERIM RAMP SW						
8	TAYLOR STREET ENTRANCE RAMP						
9	WB I-290						
10	GREEN STREET/UIC INFIELD			456	51		
	ALLOWANCE			46	5	222	488
	ROUNDED TOTAL			502	57	2446	5363

NOTES:

- SEE SHEET 33 FOR SAFETY SCHEDULE
- SEE SHEET 38 FOR PATCHING SCHEDULE
- THE SURFACE OR BRIDGE APPROACH PAVEMENT CONNECTOR (PCC) AND PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" (JOINTED) SHALL RECEIVE A TYPE B FINISH ACCORDING TO ARTICLE 420.09E. THE FINISHED PAVEMENT SHALL THEN BE TREATED ACCORDING TO THE "PAVEMENT GROOVING" SPECIAL PROVISION.



D:\60W20\sh-Schedule-02
 USER NAME * alizadeh
 PLOT SCALE * 100.0000 ' / in.
 PLOT DATE * 5/28/2014

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

REVISED - 5/27/2014
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

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

FILE PATH : C:\Users\alopez\Documents\AECOM\Drawings\60W20\02013\60W28\Roadway\60W28-02\02013-Roadway\Schedule-02

EARTHWORK SCHEDULE

FROM STATION	TO STATION	EARTH EXCAVATION (20200100)				REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS (20201200)				EXCAVATION TO BE USED IN EMBANKMENT (15% SHRINKAGE) (EARTH EXCAVATION * 0.85)				EMBANKMENT				EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)				FURNISHED EXCAVATION (20400800)		
		CU YD				CU YD				CU YD				CU YD				CU YD				CU YD		
		STG 1	STG 2	STG 3	STG 4	STG 1	STG 2	STG 3	STG 4	STG 1	STG 2	STG 3	STG 4	STG 1	STG 2	STG 3	STG 4	STG 1	STG 2	STG 3	STG 4	STG 1	STG 2	STG 3
RAMP NW (INCLUDING PR. RETAINING WALLS 016-1720, 016-1722, & 016-1723)																								
1802+50.00	1802+75.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1802+75.00	1803+00.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1803+00.00	1803+50.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1803+50.00	1804+00.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1804+00.00	1804+50.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1804+50.00	1805+00.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1805+00.00	1805+50.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1805+50.00	1806+00.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1806+00.00	1806+50.00	0	13	39	0	0	2	5	0	0	11	33	0	0	0	0	0	0	11	33	0	0	0	0
1806+50.00	1806+91.96	0	24	71	0	0	3	8	0	0	20	61	0	0	2	6	0	0	18	55	0	0	0	0
1806+91.96	1807+00.00	0	5	15	0	0	1	2	0	0	4	13	0	0	1	2	0	0	4	11	0	0	0	0
1807+00.00	1807+50.00	0	31	92	0	0	4	11	0	0	26	78	0	0	5	15	0	0	21	63	0	0	0	0
1807+50.00	1808+00.00	0	30	91	0	0	4	11	0	0	26	77	0	0	7	20	0	0	19	58	0	0	0	0
1808+00.00	1808+50.00	0	31	92	0	0	4	11	0	0	26	78	0	0	8	23	0	0	19	56	0	0	0	0
1808+50.00	1809+00.00	0	32	96	0	0	4	11	0	0	27	82	0	0	8	23	0	0	20	59	0	0	0	0
1809+00.00	1809+50.00	0	36	107	0	0	4	12	0	0	30	91	0	0	8	23	0	0	23	68	0	0	0	0
1809+50.00	1810+00.00	0	38	115	0	0	4	13	0	0	33	98	0	0	7	20	0	0	26	77	0	0	0	0
1810+00.00	1810+50.00	0	35	105	0	0	4	12	0	0	30	89	0	0	6	19	0	0	24	71	0	0	0	0
1810+50.00	1811+00.00	0	26	78	0	0	3	9	0	0	22	66	0	0	7	20	0	0	15	46	0	0	0	0
1811+00.00	1811+50.00	0	12	36	0	0	2	5	0	0	10	31	0	0	7	20	0	0	3	10	0	0	0	0
1811+50.00	1812+00.00	0	2	6	0	0	0	1	0	0	2	5	0	0	15	44	0	0	-13	-39	0	0	0	0
1812+00.00	1812+50.00	0	0	0	0	0	0	0	0	0	0	0	0	0	39	116	0	0	-39	-116	0	0	0	0
1812+50.00	1813+00.00	0	0	0	0	0	0	0	0	0	0	0	0	0	65	195	0	0	-65	-195	0	0	0	0
1813+00.00	1813+50.00	0	7	20	0	0	1	2	0	0	6	17	0	0	90	270	0	0	-84	-253	0	0	0	0
1813+50.00	1813+60.00	0	3	8	0	0	1	2	0	0	2	6	0	0	11	32	0	0	-8	-25	0	0	0	0
1813+60.00	1814+00.00	0	10	29	0	0	3	8	0	0	8	24	0	0	0	0	0	0	8	24	0	0	0	0
1814+00.00	1814+50.00	0	12	35	0	0	4	11	0	0	10	29	0	0	0	0	0	0	10	29	0	0	0	0
1814+50.00	1815+00.00	0	8	23	0	0	3	10	0	0	6	19	0	0	0	0	0	0	6	19	0	0	0	0
1815+00.00	1815+50.00	0	4	13	0	0	3	8	0	0	4	11	0	0	0	0	0	0	4	11	0	0	0	0
1815+50.00	1816+00.00	0	5	14	0	0	3	9	0	0	4	11	0	0	0	0	0	0	4	11	0	0	0	0
1816+00.00	1816+50.00	0	4	13	0	0	4	11	0	0	4	11	0	0	0	0	0	0	4	11	0	0	0	0
1816+50.00	1817+00.00	0	4	12	0	0	4	11	0	0	3	10	0	0	0	0	0	0	3	10	0	0	0	0
1817+00.00	1817+50.00	0	5	14	0	0	4	12	0	0	4	11	0	0	0	0	0	0	4	11	0	0	0	0
1817+50.00	1818+00.00	0	6	17	0	0	4	13	0	0	5	15	0	0	0	0	0	0	5	15	0	0	0	0
1818+00.00	1818+19.17	0	3	8	0	0	2	6	0	0	2	6	0	0	0	0	0	0	2	6	0	0	0	0
1818+19.17	1818+45.67	0	4	11	0	0	4	11	0	0	3	10	0	0	0	0	0	0	3	10	0	0	0	0
1818+45.67	1818+50.00	0	1	2	0	0	1	3	0	0	1	2	0	0	0	0	0	0	1	2	0	0	0	0
1818+50.00	1818+51.17	0	0	1	0	0	1	2	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0
1818+51.17	1818+53.67	0	1	2	0	0	1	2	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0
SUBTOTAL		0	387	1160	0	0	77	230	0	0	329	986	0	0	282	846	0	0	47	140	0	0	0	1128



• NOT A PAY ITEM.

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

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

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D:\60W28-INT-Schedule-03.dgn
 USER NAME: p1m1er
 PLOT SCALE: 1/80,000
 PLOT DATE: 5/26/2014

DESIGNED - KAM
 DRAWN - KAM
 CHECKED - KCF
 DATE - 04/28/14
 REVISED - 5/27/2014

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

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

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

EARTHWORK SCHEDULE

FROM STATION	TO STATION	EARTH EXCAVATION (20200100)				REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS (20201200)				* EXCAVATION TO BE USED IN EMBANKMENT (15% SHRINKAGE) (EARTH EXCAVATION * 0.85)				* EMBANKMENT				* EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)				** FURNISHED EXCAVATION (20400800)		
		CU YD				CU YD				CU YD				CU YD				CU YD				CU YD		
		STG 1	STG 2	STG 3	STG 4	STG 1	STG 2	STG 3	STG 4	STG 1	STG 2	STG 3	STG 4	STG 1	STG 2	STG 3	STG 4	STG 1	STG 2	STG 3	STG 4	STG 1	STG 2	STG 3
RAMP NW (INCLUDING PR. RETAINING WALLS 016-1720, 016-1722, & 016-1723)																								
BRIDGE OMISSION																								
1838+16.17	1838+18.17	0	0	2	0	0	0	5	0	0	0	2	0	0	0	4	0	0	0	-2	0			
1838+18.17	1838+23.67	0	0	5	0	0	0	13	0	0	0	4	0	0	0	26	0	0	0	-22	0			
1838+23.67	1838+50.00	0	0	23	0	0	0	44	0	0	0	20	0	0	0	136	0	0	0	-116	0			
1838+50.00	1838+62.56	0	0	11	0	0	0	18	0	0	0	9	0	0	0	50	0	0	0	-41	0			
1838+62.56	1838+98.00	0	0	30	0	0	0	45	0	0	0	26	0	0	0	91	0	0	0	-66	0			
1838+98.00	1839+00.00	0	0	2	0	0	0	4	0	0	0	2	0	0	0	4	0	0	0	-2	0			
1839+00.00	1839+50.00	0	0	40	0	0	0	60	0	0	0	34	0	0	0	71	0	0	0	-37	0			
1839+50.00	1840+00.00	0	0	37	0	0	0	58	0	0	0	31	0	0	0	67	0	0	0	-36	0			
1840+00.00	1840+17.00	0	0	13	0	0	0	20	0	0	0	11	0	0	0	24	0	0	0	-13	0			
1840+17.00	1840+50.00	0	0	29	0	0	0	39	0	0	0	25	0	0	0	52	0	0	0	-27	0			
1840+50.00	1841+00.00	0	0	93	0	0	0	65	0	0	0	79	0	0	0	62	0	0	0	17	0			
1841+00.00	1841+26.23	0	0	88	0	0	0	37	0	0	0	75	0	0	0	22	0	0	0	53	0			
1841+26.23	1841+50.00	0	0	114	0	0	0	35	0	0	0	97	0	0	0	16	0	0	0	81	0			
1841+50.00	1841+54.92	0	0	29	0	0	0	10	0	0	0	25	0	0	0	9	0	0	0	16	0			
1841+54.92	1841+78.17	0	0	142	0	0	0	40	0	0	0	121	0	0	0	72	0	0	0	49	0			
1841+78.17	1842+00.00	0	0	151	0	0	0	35	0	0	0	128	0	0	0	35	0	0	0	93	0			
1842+00.00	1842+02.61	0	0	21	0	0	0	5	0	0	0	18	0	0	0	1	0	0	0	17	0			
1842+02.61	1842+50.00	0	0	182	0	0	0	33	0	0	0	155	0	0	0	1	0	0	0	154	0			
SUBTOTAL		0	0	1012	0	0	0	566	0	0	0	860	0	0	0	743	0	0	0	117	0			743
INFIELD GRADING BETWEEN RAMP NW ABUTMENTS (SEE GRADING PLAN)																								
SUBTOTAL		100	955	2050	1671	126	240	573	560	85	812	1743	1420	59	1322	2687	1634	26	-510	-945	-214			5702
RAMP NW (TEMP) - NB TEMP EXIT																								
1507+53.30	1508+00.00	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0			
1508+00.00	1508+50.00	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0			
1508+50.00	1509+00.00	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0			
1509+00.00	1509+50.00	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0			
1509+50.00	1510+00.00	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0			
1510+00.00	1510+50.00	3	0	0	0	1	0	0	0	3	0	0	0	0	0	0	0	3	0	0	0			
1510+50.00	1511+00.00	13	0	0	0	2	0	0	0	11	0	0	0	0	0	0	0	11	0	0	0			
1511+00.00	1511+50.00	45	0	0	0	5	0	0	0	38	0	0	0	0	0	0	0	38	0	0	0			
1511+50.00	1512+00.00	112	0	0	0	13	0	0	0	95	0	0	0	0	0	0	0	95	0	0	0			
1512+00.00	1512+50.00	118	0	0	0	14	0	0	0	100	0	0	0	0	0	0	0	100	0	0	0			
1512+50.00	1513+00.00	56	0	0	0	7	0	0	0	48	0	0	0	0	0	0	0	48	0	0	0			
1513+00.00	1513+50.00	28	0	0	0	4	0	0	0	24	0	0	0	0	0	0	0	24	0	0	0			
1513+50.00	1513+54.63	3	0	0	0	1	0	0	0	3	0	0	0	0	0	0	0	3	0	0	0			
SUBTOTAL		383	0	0	0	52	0	0	0	326	0	0	0	0	0	0	0	326	0	0	0			0
RAMP NW (TEMP) - WB TEMP ENTRANCE																								
1520+75.18	1521+00.00	0	0	5	0	0	0	1	0	0	0	4	0	0	0	1	0	0	0	3	0			
1521+00.00	1521+50.00	0	0	30	0	0	0	4	0	0	0	26	0	0	0	0	0	0	0	26	0			
1521+50.00	1522+00.00	0	0	55	0	0	0	7	0	0	0	47	0	0	0	0	0	0	0	47	0			
1522+00.00	1522+50.00	0	0	64	0	0	0	8	0	0	0	54	0	0	0	0	0	0	0	54	0			
1522+50.00	1523+00.00	0	0	46	0	0	0	6	0	0	0	39	0	0	0	0	0	0	0	39	0			
1523+00.00	1523+50.00	0	0	29	0	0	0	4	0	0	0	25	0	0	0	0	0	0	0	25	0			
1523+50.00	1524+00.00	0	0	38	0	0	0	5	0	0	0	32	0	0	0	0	0	0	0	32	0			
1524+00.00	1524+50.00	0	0	31	0	0	0	4	0	0	0	26	0	0	0	0	0	0	0	26	0			
1524+50.00	1525+00.00	0	0	14	0	0	0	2	0	0	0	12	0	0	0	0	0	0	0	12	0			
1525+00.00	1525+50.00	0	0	14	0	0	0	2	0	0	0	12	0	0	0	0	0	0	0	12	0			
1525+50.00	1525+90.00	0	0	7	0	0	0	1	0	0	0	6	0	0	0	0	0	0	0	6	0			
SUBTOTAL		0	0	333	0	0	0	44	0	0	0	283	0	0	0	1	0	0	0	282	0			1

* NOT A PAY ITEM.

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

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

FILE PATH: C:\Users\j.parker\OneDrive\Documents\60628-01-Schedule-04.dgn



D:\60628-01-Schedule-04.dgn
 USER NAME: j.parker
 PLOT SCALE: 1/80,000 / 1"
 PLOT DATE: 5/26/2014

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

REVISED - 5/27/2014
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.I. RTE. 90/94/290	SECTION 2013-01OR	COUNTY COOK	TOTAL SHEETS 747	SHEET NO. 36
CONTRACT NO. 60W28				
[ILLINOIS] FED. AID PROJECT				

EARTHWORK SCHEDULE

FROM STATION	TO STATION	EARTH EXCAVATION (20200100)				REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS (20201200)				• EXCAVATION TO BE USED IN EMBANKMENT (15% SHRINKAGE) (EARTH EXCAVATION * 0.85)				• EMBANKMENT				• EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)				•• FURNISHED EXCAVATION (20400800)		
		CU YD				CU YD				CU YD				CU YD				CU YD				CU YD		
		STG 1	STG 2	STG 3	STG 4	STG 1	STG 2	STG 3	STG 4	STG 1	STG 2	STG 3	STG 4	STG 1	STG 2	STG 3	STG 4	STG 1	STG 2	STG 3	STG 4	STG 1	STG 2	STG 3
RAMP SW (TEMP)																								
3501+92.41	3502+00.00	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	
3502+00.00	3502+26.39	0	0	6	0	0	0	1	0	0	0	5	0	0	0	0	0	0	0	0	0	5	0	
3502+26.39	3502+50.00	0	0	10	0	0	0	2	0	0	0	9	0	0	0	0	0	0	0	0	0	9	0	
3502+50.00	3502+87.80	0	0	23	0	0	0	3	0	0	0	20	0	0	0	0	0	0	0	0	0	20	0	
3502+87.80	3503+00.00	0	0	7	0	0	0	1	0	0	0	6	0	0	0	0	0	0	0	0	0	6	0	
3503+00.00	3503+50.00	0	0	21	0	0	0	3	0	0	0	18	0	0	0	1	0	0	0	0	0	17	0	
3503+50.00	3504+00.00	0	0	11	0	0	0	2	0	0	0	9	0	0	0	1	0	0	0	0	0	8	0	
3504+00.00	3504+50.00	0	0	10	0	0	0	2	0	0	0	9	0	0	0	0	0	0	0	0	0	9	0	
3504+50.00	3505+00.00	0	0	4	0	0	0	1	0	0	0	3	0	0	0	0	0	0	0	0	0	3	0	
3505+00.00	3505+05.20	0	0	3	0	0	0	1	0	0	0	3	0	0	0	0	0	0	0	0	0	3	0	
3505+05.20	3505+35.52	0	0	4	0	0	0	1	0	0	0	3	0	0	0	0	0	0	0	0	0	3	0	
3505+35.52	3505+35.71	0	0	3	0	0	0	1	0	0	0	3	0	0	0	0	0	0	0	0	0	3	0	
3505+35.71	3505+50.00	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	
3505+50.00	3506+00.00	0	0	5	0	0	0	1	0	0	0	4	0	0	0	0	0	0	0	0	0	4	0	
3506+00.00	3506+50.00	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	
3506+50.00	3507+00.00	0	0	2	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	2	0	
3507+00.00	3507+50.00	0	0	2	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	2	0	
3507+50.00	3508+00.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3508+00.00	3508+50.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3508+50.00	3509+00.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3509+00.00	3509+50.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3509+50.00	3509+64.30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SUBTOTAL		0	0	114	0	0	0	24	0	0	0	97	0	0	0	2	0	0	0	95	0		2	
PR. RETAINING WALL 016-1809 ("P-CIR-SW" STATIONING)																								
1322+49.13	1322+75.00	4	4	4	0	16	16	16	0	3	3	3	0	45	45	45	0	-42	-42	-42	0			
1322+75.00	1323+00.00	8	8	8	0	14	14	14	0	7	7	7	0	103	103	103	0	-97	-97	-97	0			
1323+00.00	1323+25.00	9	9	9	0	14	14	14	0	7	7	7	0	124	124	124	0	-116	-116	-116	0			
1323+25.00	1323+50.00	1	1	1	0	12	12	12	0	1	1	1	0	117	117	117	0	-116	-116	-116	0			
1323+50.00	1323+75.00	1	1	1	0	12	12	12	0	1	1	1	0	112	112	112	0	-111	-111	-111	0			
1323+75.00	1324+00.00	0	0	0	0	11	11	11	0	0	0	0	0	102	102	102	0	-102	-102	-102	0			
1324+00.00	1324+11.41	0	0	0	0	6	6	6	0	0	0	0	0	41	41	41	0	-41	-41	-41	0			
1324+11.41	1324+25.00	0	0	0	0	6	6	6	0	0	0	0	0	46	46	46	0	-46	-46	-46	0			
1324+25.00	1324+50.00	0	0	0	0	10	10	10	0	0	0	0	0	78	78	78	0	-78	-78	-78	0			
1324+50.00	1324+75.00	0	0	0	0	9	9	9	0	0	0	0	0	69	69	69	0	-69	-69	-69	0			
1324+75.00	1325+00.00	0	0	0	0	9	9	9	0	0	0	0	0	67	67	67	0	-67	-67	-67	0			
1325+00.00	1325+11.96	0	0	0	0	4	4	4	0	0	0	0	0	35	35	35	0	-35	-35	-35	0			
1325+11.96	1325+13.70	0	0	0	0	1	1	1	0	0	0	0	0	5	5	5	0	-5	-5	-5	0			
1325+13.70	1325+18.70	0	0	0	0	2	2	2	0	0	0	0	0	10	10	10	0	-10	-10	-10	0			
SUBTOTAL		23	23	23	0	85	85	85	0	20	20	20	0	644	644	644	0	-624	-624	-624	0			1932
		STG 1	STG 2	STG 3	STG 4	STG 1	STG 2	STG 3	STG 4	STG 1	STG 2	STG 3	STG 4	STG 1	STG 2	STG 3	STG 4	STG 1	STG 2	STG 3	STG 4	TOTAL		
TOTAL		507	1365	4693	1671	263	401	1522	560	431	1161	3989	1420	703	2248	4923	1634	-272	-1088	-935	-214	9508		
ROUNDED TOTAL		8235				2750				7000				9510				-2510				9510		

• NOT A PAY ITEM.

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

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



0160W28-shr-Schedule-05.dgn
USER NAME: pmasano
PLOT SCALE: 1/8" = 100.0000'
PLOT DATE: 5/26/2014

DESIGNED - KAM
DRAWN - KAM
CHECKED - KCF
DATE - 04/28/14
REVISED - 5/27/2014

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

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

FILE PATH: I:\Users\pmasano\My Documents\60W28-Addendum A\0160W28-shr-Schedule-05.dgn

EXISTING DRAINAGE STRUCTURE SCHEDULE (IDOT)

STATION	OFFSET	CATCH BASINS TO BE ADJUSTED	MANHOLES TO BE ADJUSTED	REMOVING MANHOLES	REMOVING CATCH BASINS	REMOVING INLETS	CATCH BASINS TO BE RECONSTRUCTED	MANHOLES TO BE RECONSTRUCTED	COMMENTS
		EACH	EACH	EACH	EACH	EACH	EACH	EACH	
RAMP NW									
1806+52.57	35.91' RT								
1806+92.37	21.97' LT								
1807+78.25	12.35' LT								
1807+88.95	20.39' LT								
1807+89.24	32.95' RT								
1808+66.23	10.73' LT								
1808+94.84	32.91' RT								
1810+17.31	28.33' RT								
1810+13.46	12.74' LT	1							EX RIM EL = 571.83 PR RIM EL = 571.12
1810+18.98	9.84' LT								
1812+80.43	25.89' RT								
1812+81.60	10.35' LT								
1814+48.09	17.24' LT								
1814+81.04	15.14' LT								
1815+15.73	8.71' LT								
1815+16.21	13.71' LT								
1815+21.24	26.89' RT								
1817+52.51	8.45' LT								
1817+56.99	14.98' LT								
1817+61.43	25.86' RT								
1817+62.66	10.56' LT								
1818+88.54	25.52' LT								
1819+06.45	22.38' LT	1							EX RIM EL = 581.19 PR RIM EL = 581.19
1821+89.46	30.96' LT								
1821+97.43	36.87' LT								
1823+43.46	36.86' LT								
1823+52.01	42.45' LT	1							EX RIM EL = 582.01 PR RIM EL = 582.01
1823+84.07	44.42' LT								
1824+65.83	10.30' RT	1							EX RIM EL = 581.45 PR RIM EL = 581.45
1824+85.38	52.32' LT		1						EX RIM EL = 579.65 PR RIM EL = 580.13
1825+02.05	8.55' RT	1							EX RIM EL = 580.11 PR RIM EL = 580.11
1825+03.22	12.76' RT								
1825+90.83	62.97' LT		1						EX RIM EL = 578.74 PR RIM EL = 578.74
1826+30.44	60.49' LT								
1826+31.12	55.50' LT								EX RIM EL = 577.97 PR RIM EL = 577.97
1826+85.56	25.30' LT								
1826+87.13	30.05' LT								
1827+23.40	29.19' RT								
1827+80.93	44.79' LT								
1828+10.53	2.93' RT								
1828+24.37	45.65' RT								
1828+36.85	26.12' RT								
1828+40.43	74.12' RT								
1831+01.95	54.57' RT		1						
1831+06.27	63.80' RT	1							EX RIM EL = 573.31 PR RIM EL = 573.31
1831+50.56	33.22' RT								EX RIM EL = 573.16 PR RIM EL = 573.16
1831+60.63	29.65' RT								
1833+52.12	32.87' LT								
1833+93.84	23.82' RT								
1834+00.98	35.55' LT	1							
1834+33.74	90.63' RT								EX RIM EL = 583.03 PR RIM EL = 583.03
1834+92.21	36.63' LT		1						EX RIM EL = 583.44 PR RIM EL = 583.44
1834+92.64	13.59' LT		1						EX RIM EL = 579.77 PR RIM EL = 579.77
1834+97.33	33.82' LT	1							EX RIM EL = 580.06 PR RIM EL = 579.79
1835+03.51	32.95' LT	1							EX RIM EL = 579.47 PR RIM EL = 579.47
1835+88.00	10.89' RT								EX RIM EL = 579.14 PR RIM EL = 579.14
1835+97.47	7.74' RT								
1835+95.09	13.72' RT		1						
1836+37.36	19.13' RT								EX RIM EL = 576.08 PR RIM EL = 576.08
1836+46.57	15.65' RT								
1836+82.11	25.91' LT								
1837+02.10	33.30' LT	1							EX RIM EL = 575.03 PR RIM EL = 575.25
1838+37.60	12.04' LT								EX RIM EL = 575.29 PR RIM EL = 575.44
1839+64.33	13.58' LT								
TOTALS		10	6	10	23	11	2	2	

▲

▲

▲

▲



DESIGNED - DMS/AFC
 USER NAME - schmanek
 PLOT SCALE - 1/8"=1'-0"
 PLOT DATE - 5/23/2014

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

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRAINAGE AND UTILITY SCHEDULES

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

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

EXISTING PIPE SCHEDULE (IDOT)

DRAINAGE AND UTILITY SHEET NO.	STATION	TRENCH BACKFILL	STORM SEWER REMOVAL						VIDEO TAPING OF MAIN DRAIN	MAIN DRAIN CLEANING	TELEVISION INSPECTION OF SEWER	STORM SEWERS TO BE CLEANED					
			10"	12"	18"	21"	24"	30"				10"	12"	18"	21"	24"	30"
		CU YD	FOOT						FOOT	FOOT	FOOT	FOOT					
1	1799+15.31 to 1803+50.00	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	1803+50.00 to 1814+00.00	18.2	0	336	327	0	0	0	0	0	222	0	82	74	0	0	0
3	1814+00.00 to 1824+00.00	137.8	0	204	0	0	31	272	1840	0	532	0	79	0	0	156	31
4	1824+00.00 to 1833+00.00	21.3	0	218	0	0	0	0	5480	2740	212	0	52	0	0	280	0
5	1833+00.00 to 1841+00.00	33.4	89	61	0	12	0	0	0	0	214	107	0	0	192	0	0
6	1841+00.00 to 1842+02.61	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	ROUNDED TOTAL	210.7	89	819	327	12	31	272	7320	2740	1180	107	213	74	192	436	31

NOTES:

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

EXISTING STRUCTURE SCHEDULE (CITY OF CHICAGO)

NORTHING	EASTING	REMOVING MANHOLES	REMOVING CATCH BASINS
		EACH	EACH
GREEN STREET (SOUTH LIMITS)			
1897822.53	1170813.84	1	
GREEN STREET (NORTH LIMITS)			
1898165.62	1170781.82		1
1898168.08	1170817.22		1
TOTALS		1	2

EXISTING PIPE SCHEDULE (CITY OF CHICAGO)

STATION	TRENCH BACKFILL	COMBINED SEWER REMOVAL		
		8"	12"	24"
	CU YD	FOOT		
GREEN STREET (SOUTH LIMITS)	0.0	-	36	65
GREEN STREET (NORTH LIMITS)	126.4	36	-	75
TOTALS	126.4	36	36	140

EXISTING UTILITY STRUCTURE SCHEDULE (CITY OF CHICAGO)

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



DISIGN:28-shk-Schedule-Grain-02
 USER NAME: schmanakjg
 PLOT SCALE: 1/8"=1'-0"
 PLOT DATE: 5/22/2014

DESIGNED - DMS/AFG/MSK
 DRAWN - DMS
 CHECKED - EY
 DATE - 4/28/2014

REVISED - 5/27/2014
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRAINAGE AND UTILITY SCHEDULES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-01OR	COOK	747	40
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	

FILE PATH: I:\proj\28037\paw\01\ans\01\me\hca\p\45\CD\2013\Designe\A\21\Drawings\Transect\Station\2013\CD\28-shk-Schedule-Grain-02.dwg

PROPOSED DRAINAGE STRUCTURE SCHEDULE (IDOT)

STRUCTURE	LOCATION	OFFSET	(EDGE OF PAVEMENT, EDGE OF SHOULDER, OR CENTER OF STRUCTURE)	RIM (ELEV)	N. INVERT (ELEV)	W. INVTRT (ELEV)	E. INVERT (ELEV)	S. INVERT (ELEV)	NF. INVERT (ELEV)	NW. INVERT (ELEV)	SE. INVERT (ELEV)	SW. INVERT (ELEV)	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	CATCH BASINS, TYPE C, TYPE 8 GRATE	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	TEMPORARY BULKHEAD	
RAMP NW																									
S-11 (FST)	1806+92.37	21.97' LT	COS	578.07	566.12	566.12 (EX)	567.27 (EX)				567.62														
S-11A	1806+69.73	12.54' RT	COS	575.20						568.46	568.46		1												
S-12	1806+55.00	37.39' RT	EOS	574.84	569.00					569.00															
S-13 (FST)	1807+90.00	30.21' RT	EOS	573.12				569.61																	
S-14	1807+78.25	10.75' LT	COS	574.25	566.35			566.35																	
S-15 (FST)	1809+60.70	10.50' LT	COS	571.65	566.83		566.83	566.83																	
S-16 (FST)	1809+60.70	26.75' RT	EOS	570.94	566.98	566.98																			
S-17 (FST)	1809+96.61	26.75' RT	EOS	571.03				567.14																	
S-18 (FST)	1810+18.29	13.00' LT	EOS	571.40	567.09			567.09																	
S-19 (FST)	1811+18.36	13.00' LT	EOS	572.59				567.53																	
S-20	1814+81.46	19.75' LT	COS	577.64	568.93	568.93 (EX)		568.93																	
S-21	1814+60.61	16.58' LT	EOS	577.63	569.08			569.08																	
S-22	1814+34.20	16.58' LT	EOS	579.02	569.28																				
S-23	1815+16.15	16.58' LT	EOS	577.32	569.11			569.11																	
S-24	1815+75.00	16.58' LT	EOS	577.68	569.42	569.42		569.42																	
S-25	1816+70.00	16.58' LT	EOS	578.67		569.91		569.91																	
S-26	1817+80.00	16.58' LT	EOS	579.89		573.00																			
S-28	1812+81.60	13.00' LT	EOS	578.53	571.26	569.02 (EX)	571.26			EX															
S-28A	1813+10.00	13.00' LT	EOS	579.64				572.38																	
S-29	1812+81.60	21.50' RT	COS	579.22	571.90	571.90																			
S-30	1813+93.00	21.50' RT	COS	583.67	576.38	576.38																			
S-31	1813+93.00	13.00' LT	EOS	582.98			577.02																		
S-32	1815+60.00	21.50' RT	COS	590.35		583.06		583.06																	
S-33	1815+60.00	13.00' LT	EOS	589.66	583.70		583.70																		
S-34	1818+10.00	13.00' LT	EOS	599.66				593.70																	
S-35	1818+60.00	5.00' LT	COS	584.27	576.75			DS-11 SCUPPER																	
S-35A (FST)	1818+88.54	25.52' LT	COS	581.22			576.50		576.50 (EX)			576.50 (EX)													
S-36	1818+90.00	9.50' LT	COS	584.16	576.59			576.59																	
S-36A	1819+75.00	9.50' LT	COS	584.24	577.09		577.02	577.02																	
S-36B	1819+75.00	3.82' LT	COS	583.02		577.09																			
S-37	1820+45.00	2.00' LT	COS	584.78		577.48		DS-11 SCUPPER																	
S-37A	1820+45.00	9.50' LT	COS	584.18			577.44	577.44	577.44																
S-37B	1821+25.00	4.09' RT	COS	583.14							577.85														
S-38	1822+30.00	1.50' LT	COS	586.49		577.81	577.81	DS-11 SCUPPER																	
S-38A	1822+30.00	14.00' RT	COS	587.47		577.89		DS-11 SCUPPER																	
S-38B	1822+28.71	38.11' LT	COS	582.87			577.63																		
S-38C (FST)	1823+75.00	3.47' LT	COS	580.33						575.54															
S-39	1824+20.00	4.00' RT	COS	581.55				DS-11 SCUPPER	575.71																
S-39A (FST)	1826+85.56	25.30' LT	COS	580.35						575.14	573.64 (EX)														
S-40 (FST)	1825+90.00	17.50' LT	COS	580.51				DS-11 SCUPPER	575.61	575.61															
S-40A (FST)	1826+00.00	0.61' LT	COS	579.41						575.71															
S-41	1827+40.00	7.50' LT	COS	579.77				DS-11 SCUPPER		571.85															
S-42	1827+80.00	38.00' LT	COS	579.57	571.61	571.61																			
S-42A	1827+80.76	43.54' LT	EOS	579.59						571.57	571.57 (EX)														
S-43	1828+70.00	11.00' LT	COS	577.90				572.06																	
S-43A (FST)	1828+40.43	74.12' RT	COS	578.11					574.94 (EX)			574.50 (EX)													
SUBTOTALS													2	10	5	15	0	11	2	0	0	0	1	0	0

NOTES:
 1. WHERE THE STRUCTURE IS ABREVIATED EST, THE PROPOSED STRUCTURE SHALL BE A FLAT SLAB TOP.
 2. SEE DRAINAGE AND UTILITY SCHEDULES FOR DRAINAGE AND UTILITY SCHEDULES.

	DESIGNED - DMS/AFK USER NAME - schmonick PLOT SCALE - 1/8"=1'-0" PLOT DATE - 5/21/2014	DESIGNED - DMS/AFK DRAWN - DMS CHECKED - EY DATE - 4/28/2014	REVISED - 5/27/2014 REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY SCHEDULES SCALE: NTS SHEET 3 OF 7 SHEETS STA. TO STA.	F.A.I. RTE. 90/94/290 SECTION 2013-010R COUNTY COOK TOTAL SHEETS 747 SHEET NO. 41 CONTRACT NO. 60W28 ILLINOIS FED. AID PROJECT
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PROPOSED DRAINAGE STRUCTURE SCHEDULE (IDOT)

STRUCTURE	LOCATION	OFFSET	(EDGE OF PAVEMENT, EDGE OF SHOULDER, OR CENTER OF STRUCTURE)	RIM (ELEV)	N. INVERT (ELEV)	W. INVERT (ELEV)	E. INVERT (ELEV)	S. INVERT (ELEV)	NE. INVERT (ELEV)	NW. INVERT (ELEV)	SE. INVERT (ELEV)	SW. INVERT (ELEV)	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE I FRAME, OPEN LID	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE I FRAME, CLOSED LID	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE B GRATE	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 2C FRAME AND GRATE	CATCH BASINS, TYPE C, TYPE B GRATE	MANHOLES, TYPE A, 4'-DIAMETER, TYPE I FRAME, CLOSED LID	MANHOLES, TYPE A, 5'-DIAMETER, TYPE I FRAME, CLOSED LID	MANHOLES, TYPE A, 6'-DIAMETER, TYPE I FRAME, CLOSED LID	MANHOLES, TYPE A, 9'-DIAMETER, TYPE I FRAME, CLOSED LID	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	INLETS, TYPE A, TYPE I FRAME, OPEN LID	TEMPORARY BULKHEAD
RAMP NW																								
S-44	1832+30.00	13.00' RT	COS	590.62			DS-11 SCUPPER	572.05																
S-44A (FST)	1831+51.41	32.89' RT	EOS	572.49				568.34 (EX)	568.34 (EX)	568.27	568.27 (EX)													
S-44B	1831+60.63	41.04' RT	COS	573.71		568.35																		
S-45	1833+52.12	32.87' LT	COS	585.01		572.84 (EX)		579.01 (EX)	575.00	578.51 (EX)														
S-46	1833+38.59	19.80' LT	COS	587.25		575.10				580.10		575.10												
S-47	1833+52.19	28.14' RT	COS	591.27							582.48													
S-48	1834+00.00	20.66' LT	COS	583.36	575.40	575.40	575.40																	
S-49 (FST)	1834+87.00	6.00' LT	COS	580.16			DS-11 SCUPPER	575.84	575.56 (EX)															
S-50	1833+93.84	23.82' RT	COS	589.72				586.50 (EX)		575.63														
S-53	1838+00.00	10.00' RT	COS	583.19			DS-11 SCUPPER	572.13																
S-54 (FST)	1838+08.93	21.53' LT	EOS	575.58	571.75	571.75																		
S-55 (FST)	1838+38.48	19.83' LT	EOS	575.93				571.65																
S-56	1838+55.00	16.00' RT	EOS	598.09		589.56																		
S-57	1839+85.00	13.00' RT	COS	589.11		574.29	583.29	573.29																
S-58	1840+42.69	16.00' RT	EOS	584.99		574.58	574.58																	
S-59	1841+26.37	21.33' RT	EOS	580.04			575.00																	
S-60 (FST)	1839+85.25	22.25' LT	COS	576.54	572.55	572.55	572.55																	
S-61 (FST)	1839+64.70	22.25' LT	COS	576.44		572.48																		
S-62 (FST)	1840+04.92	19.58' LT	EOS	576.58		572.64	572.64																	
S-63 (FST)	1841+04.92	19.58' LT	EOS	577.01			573.08																	
S-64	1836+77.13	69.97' RT	COS	592.64		587.10																		
S-65	1838+49.78	33.79' RT	COS	593.57		583.56	583.56	583.56																
S-66	1838+50.00	21.02' RT	COS	593.10	583.82																			
S-67	1839+82.47	25.52' RT	COS	592.78			580.90	580.90																
S-68	1840+42.69	19.68' RT	COS	593.24				579.91																
S-69	1836+84.04	35.00' LT	COS	575.29			569.79		566.58			566.58												
S-69A	1835+55.00	35.00' LT	COS	577.26	570.36	570.36																		
S-69B (FST)	1835+50.00	12.79' RT	COS	574.59				570.57																
78" MAIN DRAIN AT WB I-290																								
S-MD1	351+54.91	13.27' LT	COS	576.57		555.66 (FUTURE)	555.66																	
S-MD2	353+85.00	13.86' LT	COS	584.39		555.54	555.52 (FUTURE)																	
W BULKHEAD	345+19.68	13.52' LT	-	-																				
E BULKHEAD	353+85.00	13.86' LT	-	-																				
RAMP SW (INTERIM)																								
S-70A (FST)	1303+08.54	20.95' LT	COS	574.65							570.74													
S-70 (FST)	1303+96.66	6.57' RT	COS	574.03					569.10		569.10 (EX)													
S-71 (FST)	1303+75.00	12.33' RT	FOS	573.62				569.20			569.20													
S-72	1303+79.31	21.75' RT	COS	575.87						569.26														
SUBTOTALS													2	3	4	9	4	8	0	1	2	0	1	2
TOTALS													4	13	9	24	4	19	2	1	2	1	1	2

NOTES:
 1. WHERE THE STRUCTURE IS ABBREVIATED EST THE PROPOSED STRUCTURE SHALL BE A FLAT SLAB TOP.
 2. SEE DRAINAGE DETAIL SHEET 846A FOR MORE INFORMATION ON FUTURE ADJUSTMENT FOR DRAINAGE STRUCTURE.

PROPOSED DRAINAGE PIPE SCHEDULE (IDOT)

PIPE	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION	PIPE SLOPE (%)	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE		STORM SEWERS, CLASS A, TYPE 2			STORM SEWERS, CLASS A, TYPE 3		STORM SEWERS, CLASS A, TYPE 4		STORM SEWERS, CLASS A, TYPE 5		STORM SEWERS JACKED IN PLACE 78" (SPECIAL)	TRENCH BACKFILL CU YD
						12"	12" 15"	12"	15"	18"	12"	18"	12"	78"				
						FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT				
RAMP NW																		
P-11A	S-11A	S-11	568.46	567.62	2.00%			42										38.1
P-12	S-12	S-11A	569.00	568.46	2.00%			27										9.6
P-13	S-13	S-12	569.61	569.00	0.45%		135											26.2
P-14	S-14	S-11	566.35	566.12	0.26%								87					101.8
P-15	S-15	S-14	566.83	566.35	0.26%					183								70.0
P-16	S-16	S-15	566.98	566.83	0.43%			35										5.8
P-17	S-17	S-16	567.14	566.98	0.44%		36											4.4
P-18	S-18	S-15	567.09	566.83	0.45%			58										10.6
P-19	S-19	S-18	567.53	567.09	0.44%			100										19.5
P-21	S-21	S-20	569.08	568.93	0.73%			21										19.3
P-22	S-22	S-21	569.28	569.08	0.74%			27										27.0
P-23	S-23	S-20	569.11	568.93	0.51%			35										31.3
P-24	S-24	TEMPORARY BULKHEAD	569.42	569.34	1.00%				8									7.3
P-24A	S-24	S-23	569.42	569.11	0.53%			59										50.6
P-25	S-25	TEMPORARY BULKHEAD	569.91	569.83	1.00%				8									8.0
P-25A	S-25	S-24	569.91	569.42	0.52%			95										65.5
P-26	S-26	TEMPORARY BULKHEAD	573.00	572.92	1.00%				8									3.7
P-28A	S-28A	S-28	572.38	571.26	4.00%			28										19.7
P-29	S-29	S-28	571.90	571.26	2.00%			32										22.6
P-30	S-30	S-29	576.38	571.90	4.00%			112										79.3
P-31	S-31	S-30	577.02	576.38	2.00%			32										12.4
P-32	S-32	S-30	583.06	576.38	4.00%			167										117.8
P-33	S-33	S-32	583.70	583.06	2.00%			32										12.4
P-34	S-34	S-33	593.70	583.70	4.00%			250										80.0
P-35	S-35	S-36	576.75	576.59	0.52%			31										33.7
P-36	S-36	S-35A	576.59	576.50	0.53%			17										14.8
P-36A	S-36A	S-36	577.02	576.59	0.51%			85										0.0
P-36B	S-36B	S-36A	577.09	577.02	0.50%			14										0.0
P-37	S-37	S-37A	577.48	577.44	0.50%			8										0.0
P-37A	S-37A	S-36A	577.44	577.09	0.50%			70										0.0
P-37B	S-37B	S-37A	577.85	577.44	0.51%			81										0.0
P-38	S-38	S-38B	577.81	577.63	0.49%	37												5.1
P-38A	S-38A	S-38	577.89	577.81	0.50%	16												0.0
P-38C	S-38C	EX MH - TSC463	575.54	575.35	0.45%	42												3.9
P-39	S-39	EX CB	575.71	575.47	0.51%			47										0.0
P-40	S-40	S-39A	575.61	575.14	0.51%			93										0.0
P-40A	S-40A	S-40	575.71	575.61	0.50%			20										0.0
P-41	S-41	S-42	571.85	571.61	0.49%			49										56.2
P-42	S-42	S-42A	571.61	571.57	0.57%			7										8.1
P-43	S-43	S-42	572.06	571.61	0.50%			90										88.7
SUBTOTALS						95	171	0	1764	24	183	0	0	87	0	0	0	1035.3

NOTES:

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



USER NAME: schmanski
 PLOT SCALE: 100.0000' / 1" = 100'
 PLOT DATE: 5/23/2014

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

REVISED - 5/27/2014
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRAINAGE AND UTILITY SCHEDULES

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

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

PROPOSED DRAINAGE PIPE SCHEDULE (IDOT)

PIPE	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION	PIPE SLOPE (%)	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE		STORM SEWERS, CLASS A, TYPE 2			STORM SEWERS, CLASS A, TYPE 3			STORM SEWERS, CLASS A, TYPE 4		STORM SEWERS, CLASS A, TYPE 5	STORM SEWERS JACKED IN PLACE 78" (SPECIAL)	TRENCH BACKFILL
						12"	12" 15"	12"	15"	18"	12"	15"	18"	12"	78"			
						FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT			
RAMP NW																		
P-44	S-44	S-44B	572.05	568.35	4.74%													0.0
P-44B	S-44B	S-44A	568.35	568.27	0.53%			15							78			6.4
P-46	S-46	S-45	575.10	575.00	0.53%						19							12.8
P-47	S-47	S-46	582.48	580.10	4.76%			50										0.0
P-48	S-48	S-46	575.40	575.10	0.50%						60							0.0
P-49	S-49	S-48	575.84	575.40	0.51%			87										0.0
P-50	S-50	S-48	575.63	575.40	0.51%						45							0.0
P-53	S-53	S-54	572.13	571.75	1.00%			39										42.0
P-54	S-54	S-55	571.75	571.65	0.40%		25											3.2
P-56	S-56	S-57	589.56	583.29	4.75%			132										57.0
P-57	S-57	S-60	573.29	572.55	2.00%						37							41.8
P-58	S-58	S-57	574.58	574.29	0.50%						58							87.7
P-59	S-59	S-58	575.00	574.58	0.50%			84										63.8
P-60	S-60	S-61	572.55	572.48	0.33%				21									2.4
P-62	S-62	S-60	572.64	572.55	0.45%		20											2.3
P-63	S-63	S-62	573.08	572.64	0.44%		101											11.4
P-64	S-64	S-65	587.10	583.56	2.00%			177										0.0
P-65	S-65	S-67	583.56	580.90	2.00%						133							0.0
P-66	S-66	S-65	583.82	583.56	2.00%			13										0.0
P-67	S-67	S-57	580.90	580.29	4.69%						13							15.2
P-68	S-68	S-58	579.91	579.58	4.71%						7							6.9
P-69A	S-69A	S-69	570.36	569.79	0.44%			129										44.9
P-69B	S-69B	S-69A	570.57	570.36	0.44%			48										13.2
P-69C	S-69	CONCRETE COLLAR	566.58	566.55	0.60%					5								4.9
P-69D	CONCRETE COLLAR	S-69	566.62	566.58	0.80%					5								4.8
78" MAIN DRAIN AT WB I-290																		
P-MD1A	W BULKHEAD	S-MD1	555.98	555.66	0.05%												635	0.0
P-MD1	S-MD1	S-MD2	555.66	555.54	0.05%										231			679.9
RAMP SW (INTERIM)																		
P-70A	S-70A	S-69B	570.74	570.57	1.00%					17								0.0
P-71	S-71	S-70	569.20	569.10	0.45%					22								4.1
P-72	S-72	S-71	569.26	569.20	0.46%					13								10.1
SUBTOTALS						0	121	46	826	10	0	124	248	0	78	231	635	1114.7
ROUNDED TOTAL						95	292	46	2590	34	183	124	248	87	78	231	635	2150.0

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



USER NAME: schmanskyj
 FLOT SCALE: 1/80,000
 FLOT DATE: 5/23/2014

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

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY SCHEDULES
 SCALE: NTS SHEET 6 OF 7 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290
 SECTION 2013-010R
 COUNTY COOK
 TOTAL SHEETS 747
 SHEET NO. 44
 CONTRACT NO. 60W28
 ILLINOIS FED. AID PROJECT

PROPOSED PIPE UNDERDRAINS SCHEDULE

PIPE UNDERDRAIN	UPSTREAM			DOWNSTREAM			PIPE UNDERDRAINS	PIPE UNDERDRAINS
	STRUCTURE	STATION	OFFSET	STRUCTURE	STATION	OFFSET	6"	6"
							(SPECIAL)	
							FOOT	FOOT
PU-04	-	1802+75.00	17.74' RT	S-11A	1806+69.73	14.54' RT	20	10
PU-05	-	1806+91.96	14.00' RT	S-11A	1806+69.73	14.54' RT	13	10
PU-08	-	1806+57.31	30.67' RI	S-13	1806+55.00	31.21' RI	123	10
PU-09	-	1807+96.03	27.30' RT	S-16	1809+60.69	26.75' RT	155	10
PU-10	-	1809+61.00	23.00' RT	S-17	1809+96.60	26.75' RT	26	10
PU-11	-	1811+13.35	11.00' LT	S-18	1810+18.26	13.15' LT	86	10
PU-12	-	1812+76.59	10.00' LT	S-19	1811+18.36	13.00' LT	147	10
PU-13	-	1813+07.00	12.00' LT	S-28	1812+81.60	13.00' LT	16	10
PU-14	-	1813+60.00	12.00' LT	S-28A	1813+10.00	13.00' LT	40	10
ROUNDED TOTAL							626	90

PROPOSED DRAINAGE STRUCTURE SCHEDULE (CITY OF CHICAGO)

STRUCTURE	NORTHING	EASTING	(CENTER OF STRUCTURE OR FACE OF CURB)	RIM (ELEV)	N. INVERT (ELEV)	W. INVERT (ELEV)	E. INVERT (ELEV)	S. INVERT (ELEV)	NE. INVERT (ELEV)	NW. 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 (CITY OF CHICAGO)	MANHOLES, TYPE B, 4'-DIA., TYPE 1 FRAME, CLOSED LID (CITY OF CHICAGO)
																EACH	EACH
GREEN STREET (SOUTH LIMITS)																	
S-C01	1897799.36	1170799.48	COS	594.05										582.08		1	
S-C01A	1897816.99	1170820.04	COS	594.28							582.15	581.85	581.74				1
GREEN STREET (NORTH LIMITS)																	
S-C03	1898218.03	1170779.08	FOC	592.78			587.36									1	
S-C04	1898215.97	1170817.23	FOC	593.06		587.64										1	
TOTALS																3	1

PROPOSED DRAINAGE PIPE SCHEDULE (CITY OF CHICAGO)

PIPE	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION	COMBINED SEWER WATER MAIN REQUIREMENTS			TRENCH BACKFILL
					8 INCH	12 INCH	24 INCH	
					CDOT	CDOT	CDOT	
					FOOT	FOOT	FOOT	CU YD
GREEN STREET (SOUTH LIMITS)								
P-C01	S-C01	BLIND CONNECTION	582.08	581.98	27			0.0
P-C01A	S-C01A	1897757.23 (NORTHING) 1170813.84 (EASTING)	582.15	581.85			60	0.0
P-C01B	1897823.70 (NORTHING) 1170798.84 (EASTING)	S-C01A	582.13	581.74		24		0.0
P-C01C	197819.33 (NORTHING) 1170834.60 (EASTING)	S-C01A	582.22	581.85		16		0.0
GREEN STREET (NORTH LIMITS)								
P-C02	1898209.91 (NORTHING) 1170798.87 (EASTING)	1898224.91 (NORTHING) 1170799.38 (EASTING)	582.91	582.83			15	21.8
P-C03	S-C03	BLIND CONNECTION	587.36	582.86	18			15.8
P-C04	S-C04	BLIND CONNECTION	587.64	582.88	17			15.0
ROUNDED TOTAL					62	40	75	52.6

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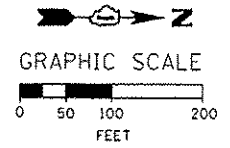
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 PLOT DATE: 5/27/2014

DESIGNED - DMS/AFC
 DRAWN - DMS/AFC
 CHECKED - EY
 DATE - 4/28/2014
 REVISED - 5/27/2014

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

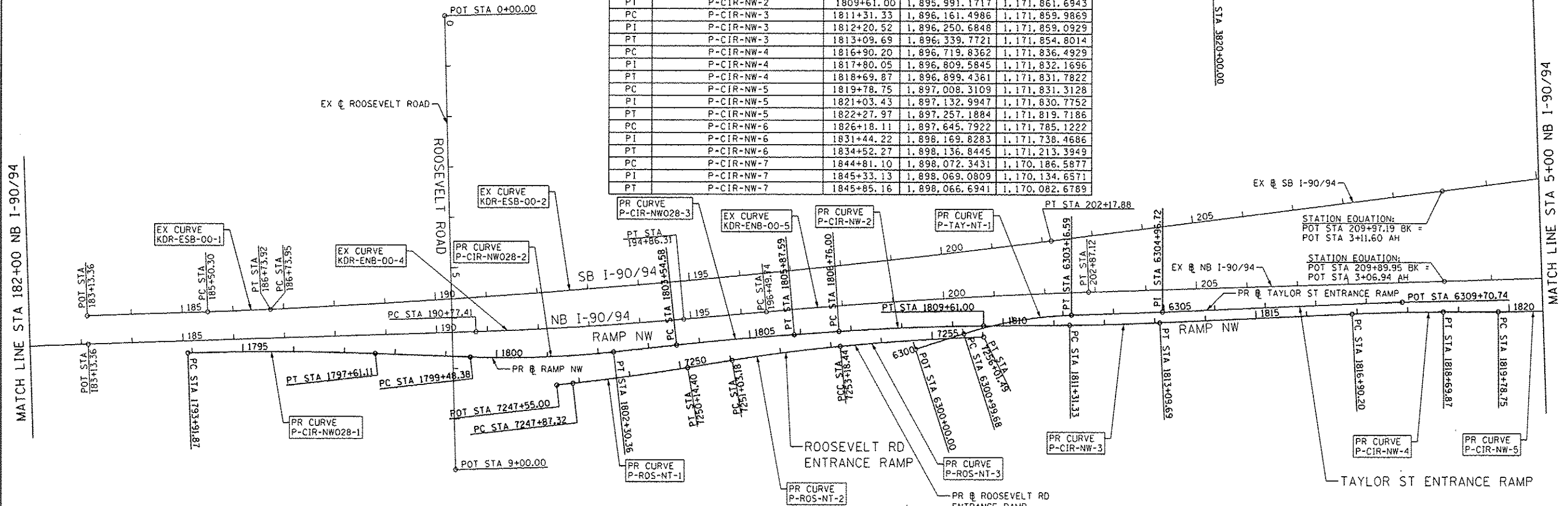
DRAINAGE AND UTILITY SCHEDULES
 SCALE: NTS SHEET 7 OF 7 SHEETS STA. TO STA.

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



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

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



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

EX ROOSEVELT ROAD				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		0+00.00	1,894,929.7554	1,171,247.9357
POT		9+00.00	1,894,952.5805	1,172,147.6462

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

EX SB I-90/94 (KENNEDY EXPY)				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
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

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DIGW28-Sub-A1B-R4.dgn
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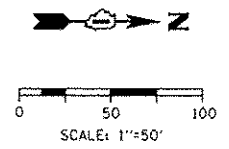
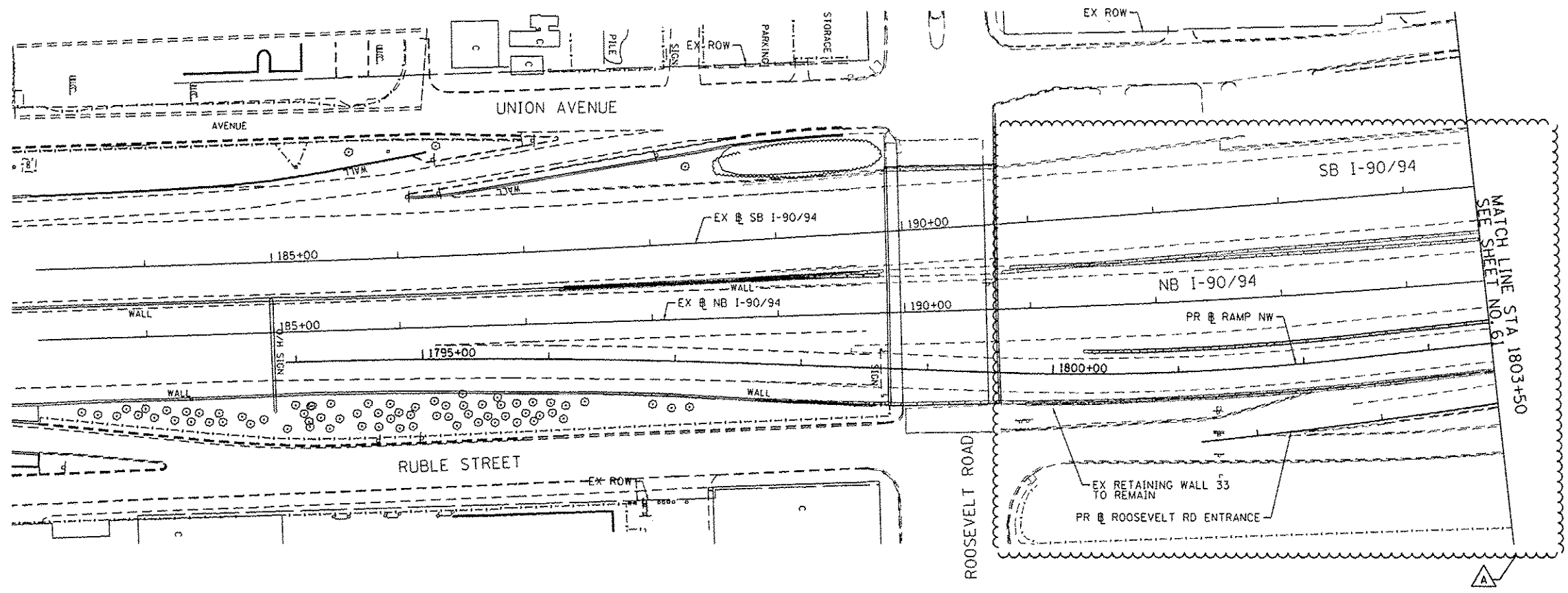
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 DRAWN - NSA/OPS
 CHECKED - KCF
 DATE - 04/28/14

REVISED - 5/27/2014
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

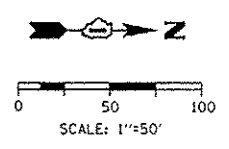
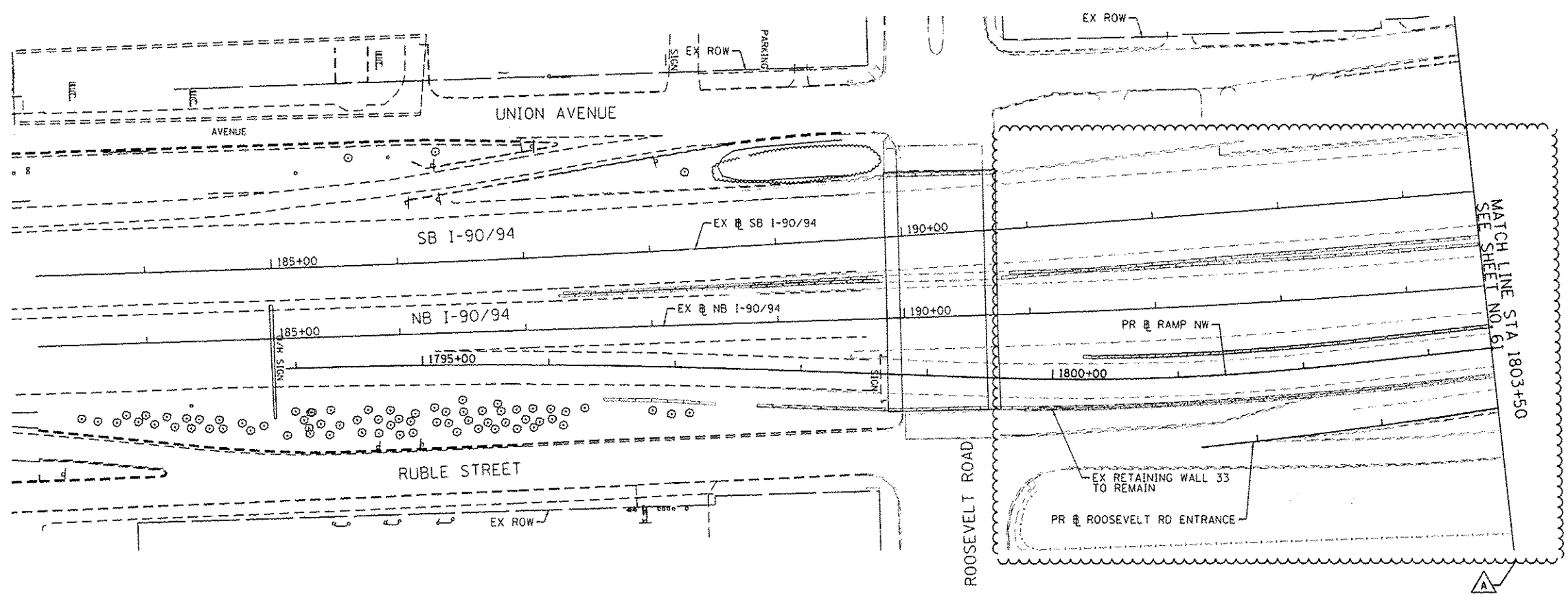
ALIGNMENT, TIES AND BENCHMARKS
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F.A.I. RTE. 90/94/290
 SECTION 2013-010R
 COUNTY COOK
 TOTAL SHEETS 747
 SHEET NO. 50
 CONTRACT NO. 60W28
 ILLINOIS FED. AID PROJECT



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

EXISTING



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

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

PROPOSED

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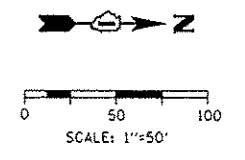
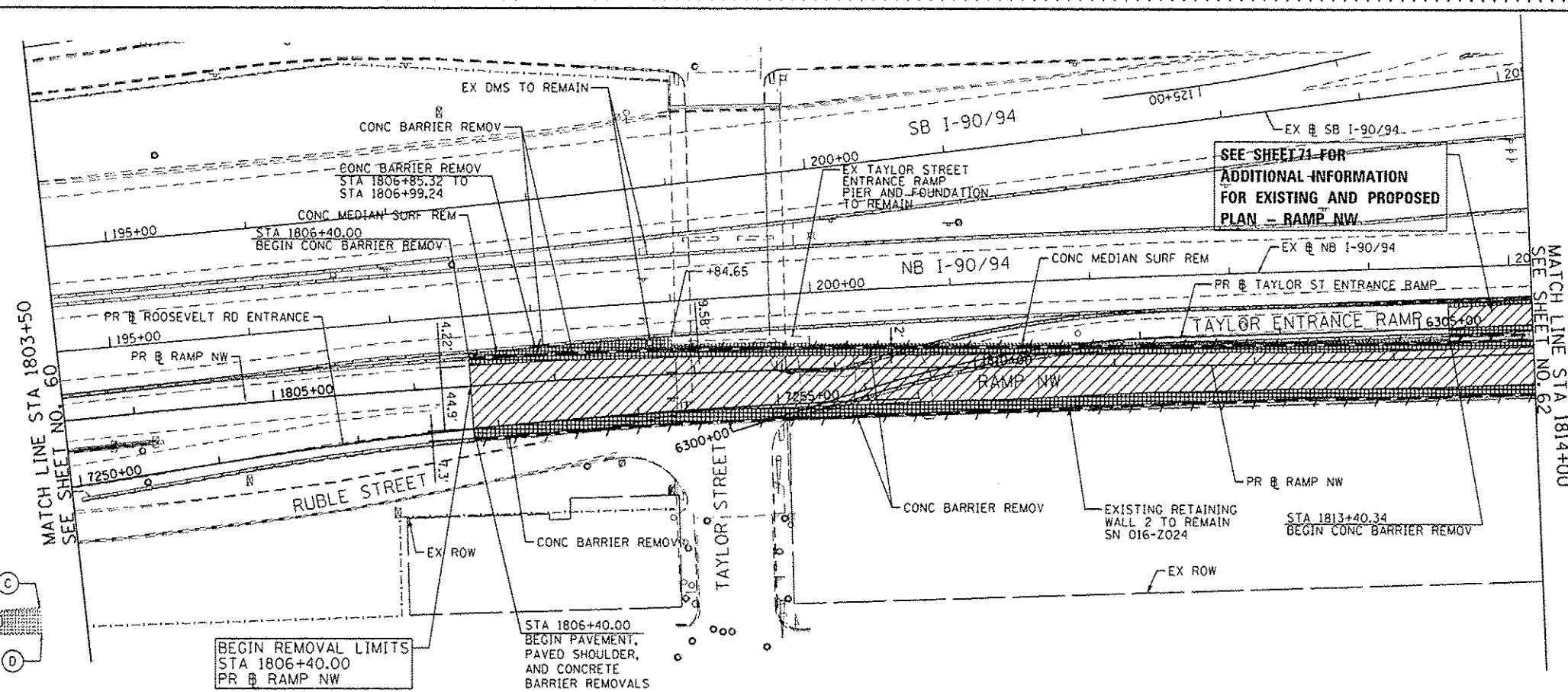


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PLOT DATE : 5/26/2014	DATE - 04/28/14	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING AND PROPOSED PLAN RAMP NW	
SCALE: 1"=50'	SHEET 1 OF 6 SHEETS STA. TO STA. 1803+50

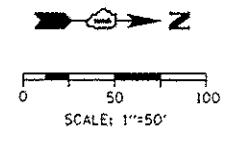
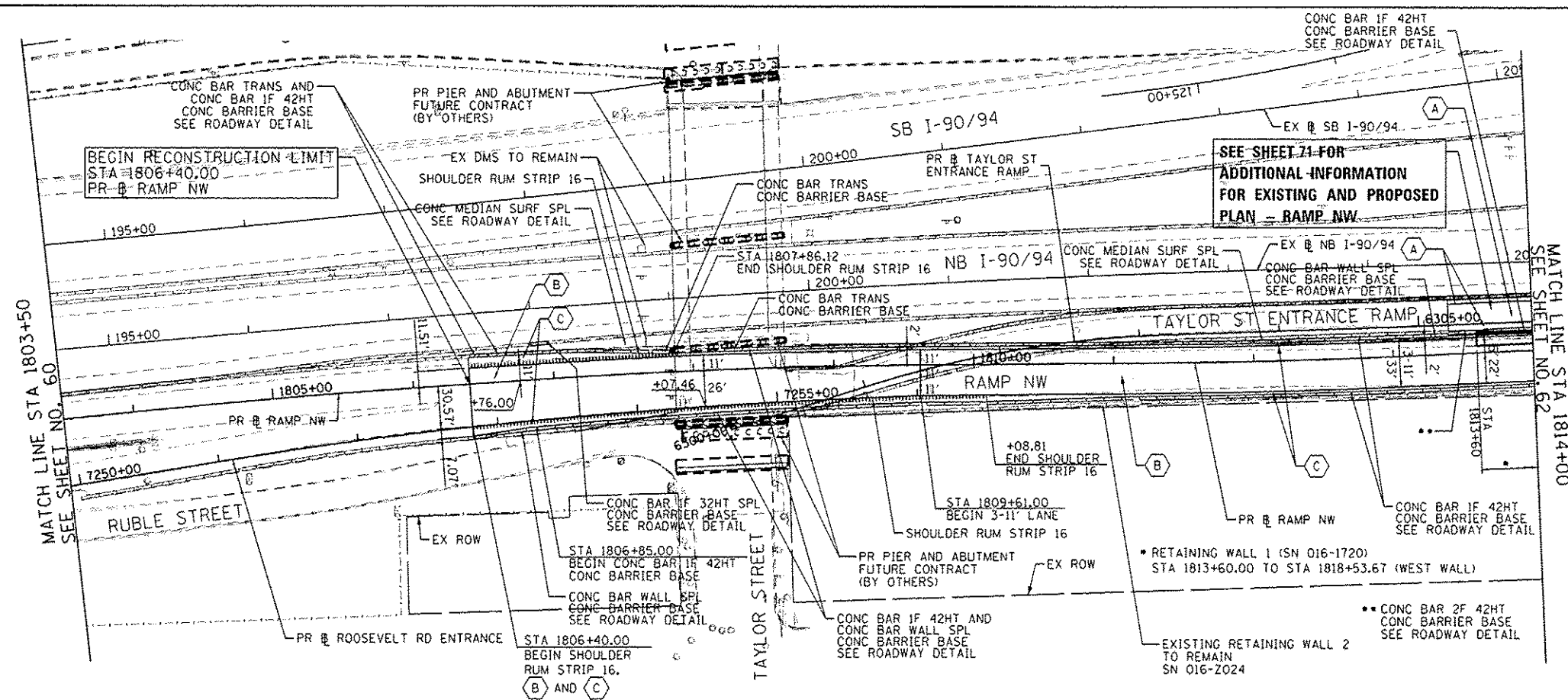
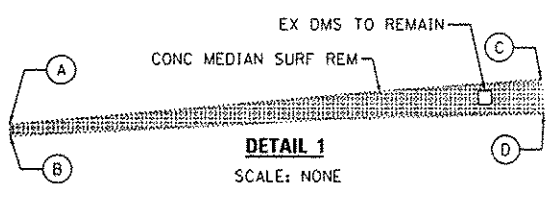
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
99/94/290	2013-010R	COOK	747	60
CONTRACT NO. 60W28				
[ILLINOIS] FED. AID PROJECT				



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

EXISTING

- (A) - STA 1806+40.07, 24.03' LT (PR RAMP NW)
- (B) - STA 1806+40.00, 20.66' LT (PR RAMP NW)
- (C) - STA 1807+84.37, 27.47' LT (PR RAMP NW)
- (D) - STA 1807+84.65, 17.89' LT (PR RAMP NW)



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

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

PROPOSED



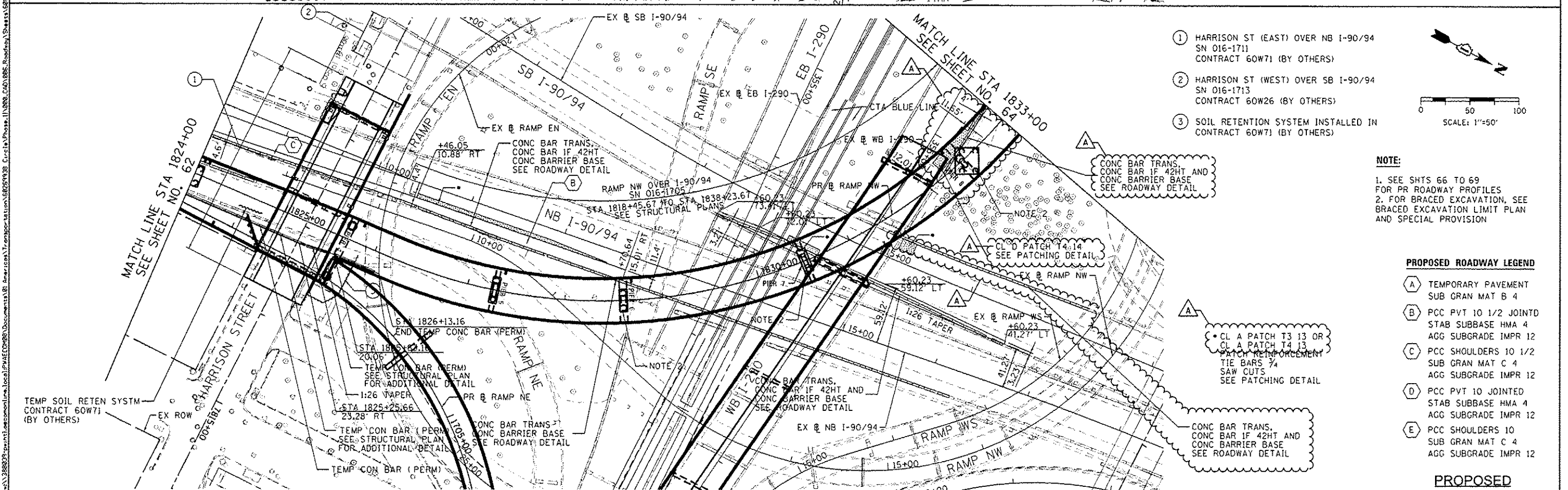
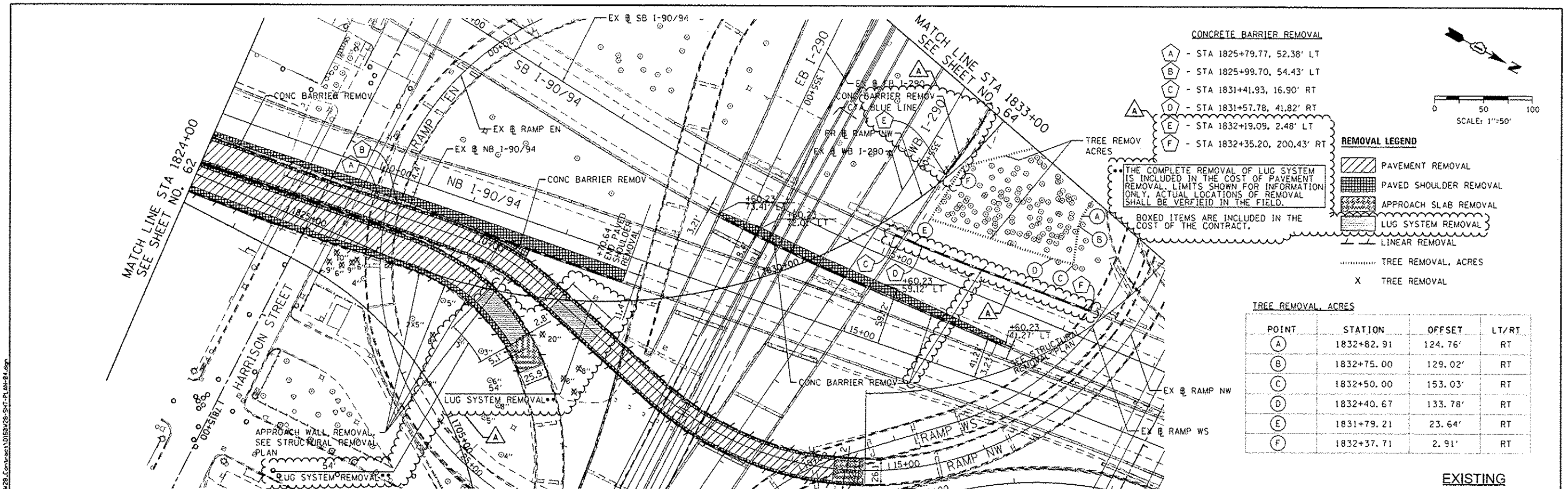
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USER NAME - pimsrno	DRAWN - NSA/DPS	REVISED -
PLOT SCALE - 1/8\"/>		

CHECKED - KCF	DATE - 04/28/14	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

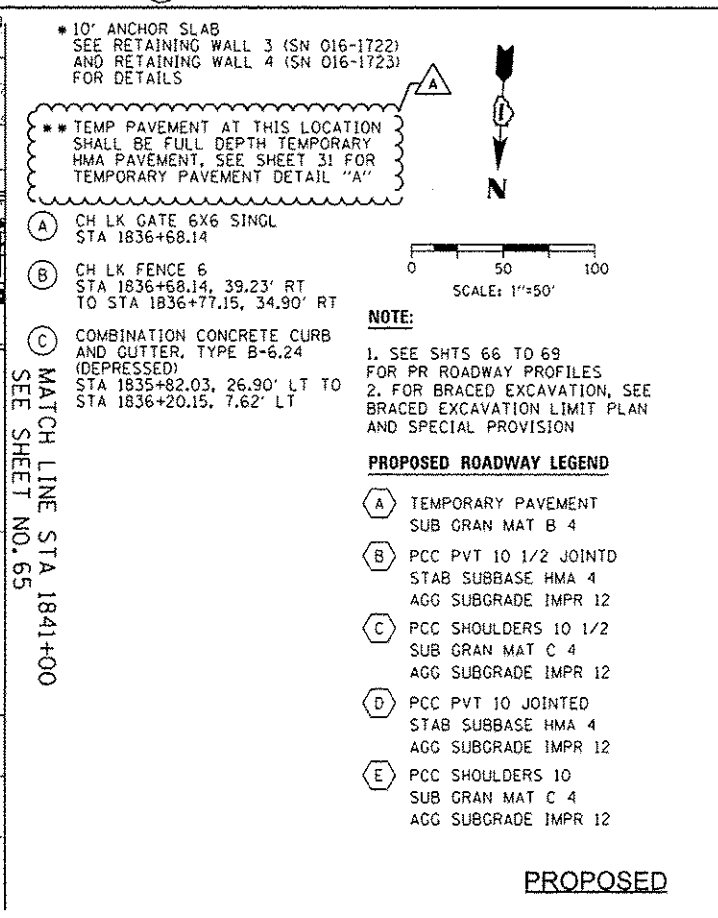
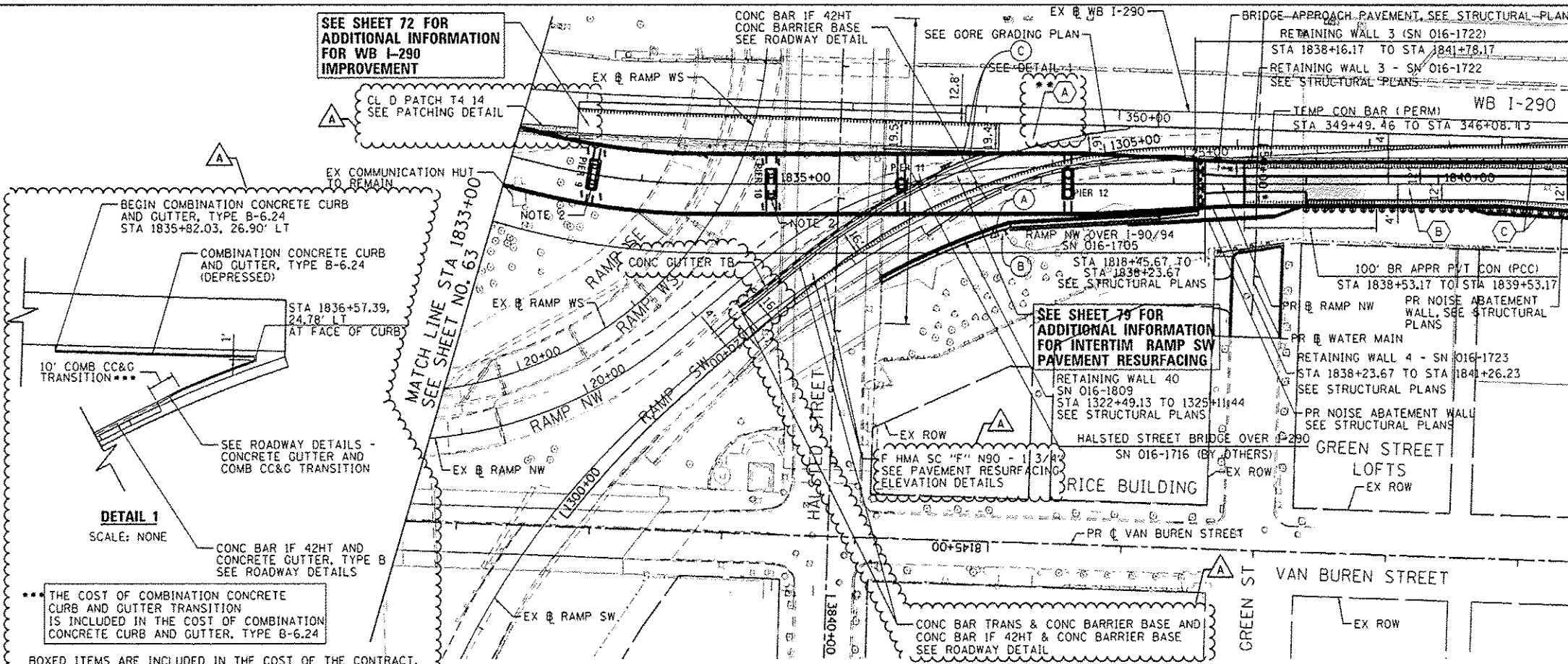
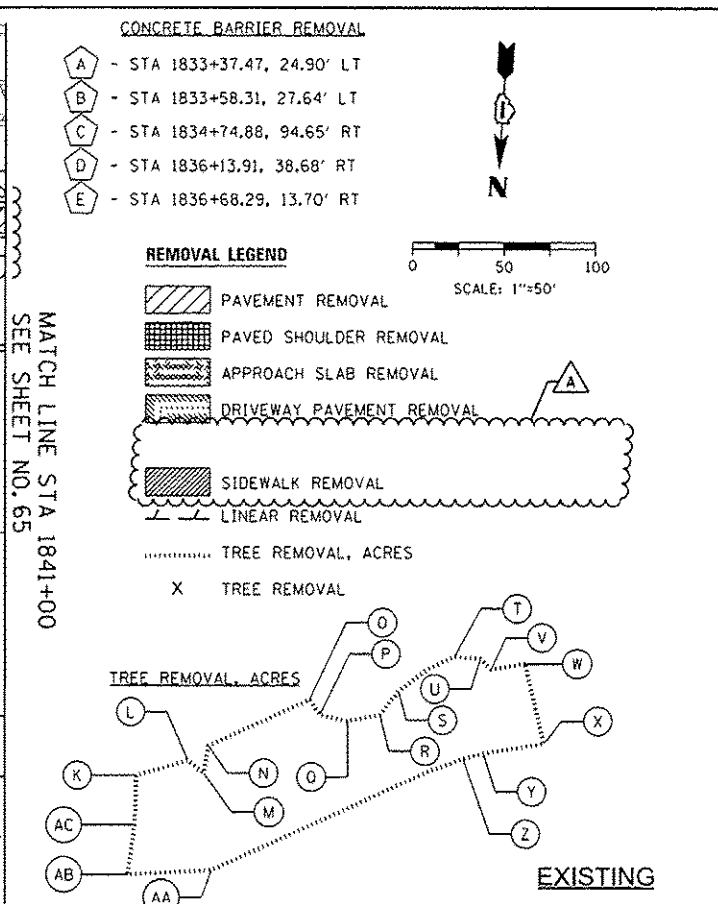
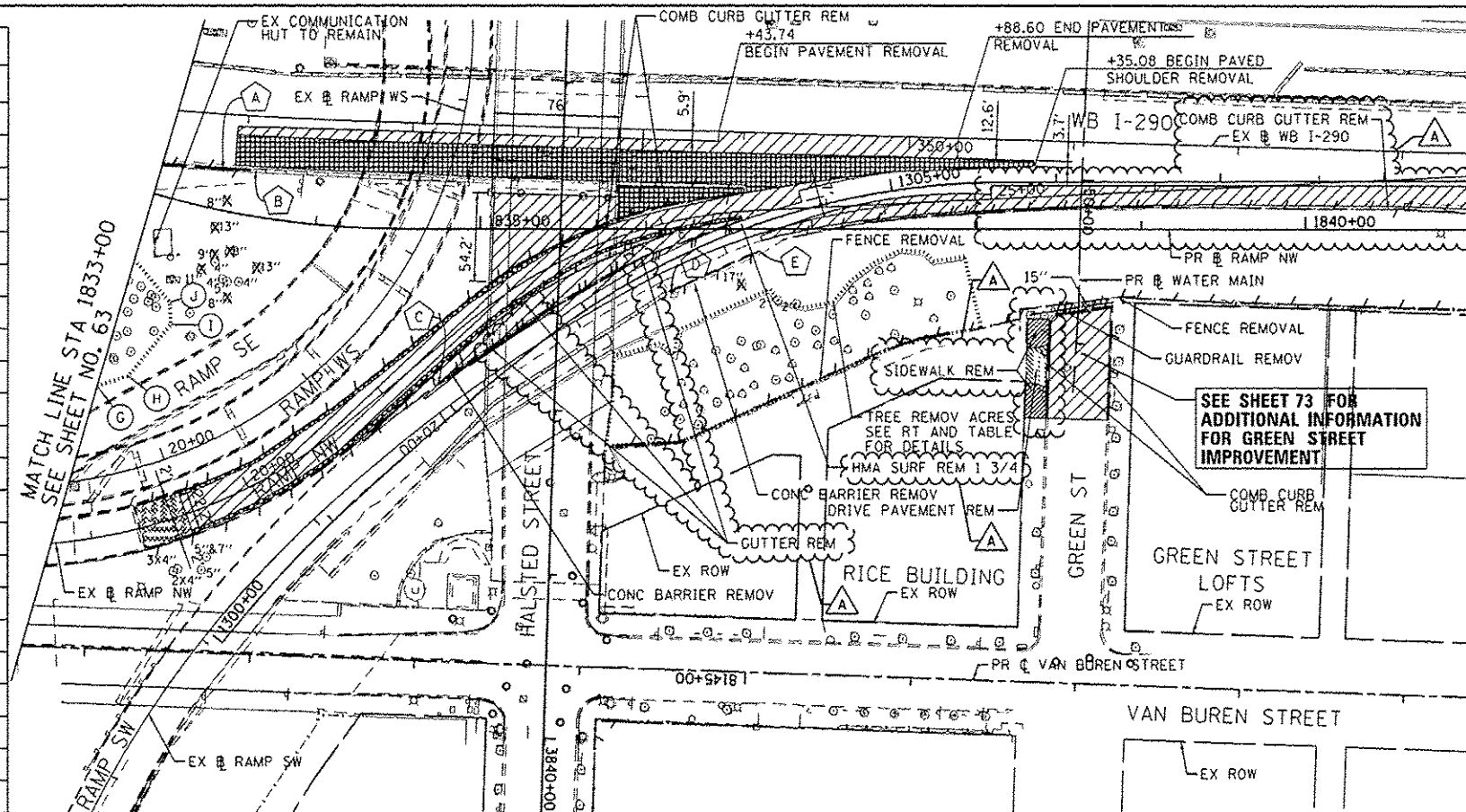
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RAMP NW**
SCALE: 1\"/>

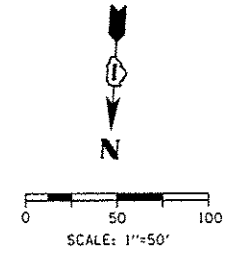
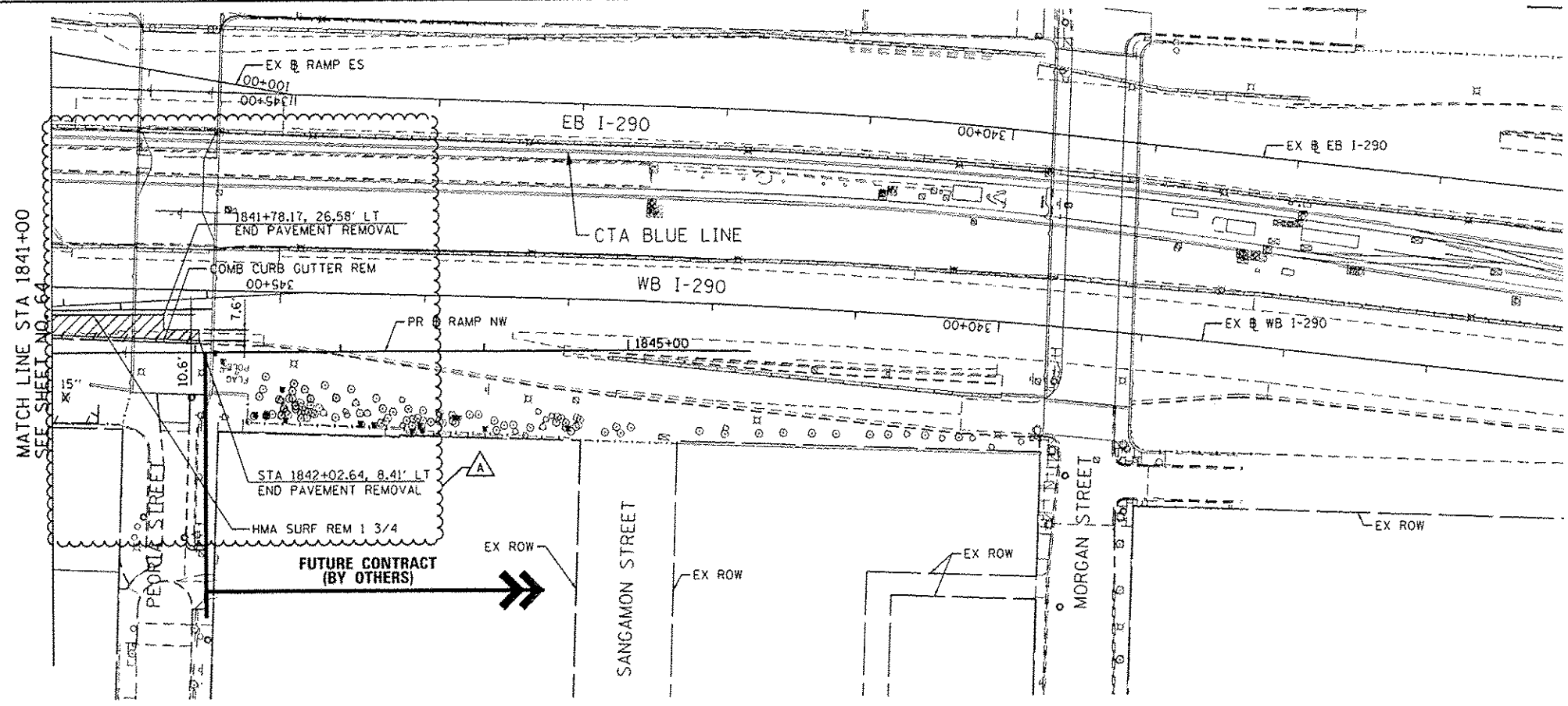
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	61
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				



<p>303 EAST WACKER DRIVE, SUITE 1900 CHICAGO, IL 60601-5276 PHONE: (312) 373-1100 FAX: (312) 373-6800</p>	D160W26-SHT-PLAN-04.dgn	DESIGNED - KAM	REVISED - 5/27/2014	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED PLAN RAMP NW		F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	USER NAME - pmsarno	DRAWN - NSA/OPS	REVISED -		90/94/290	2013-010R	COOK	747	63		
	PLOT SCALE - 1/80.0000 1/4" = 1'	CHECKED - KCF	REVISED -		SCALE: 1"=50' SHEET 4 OF 6 SHEETS STA. 1824+00 TO STA. 1833+00				CONTRACT NO. 60W28		
	PLOT DATE - 5/26/2014	DATE - 04/28/14	REVISED -		ILLINOIS/FED. AID PROJECT						

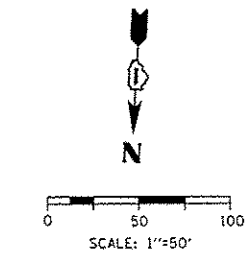
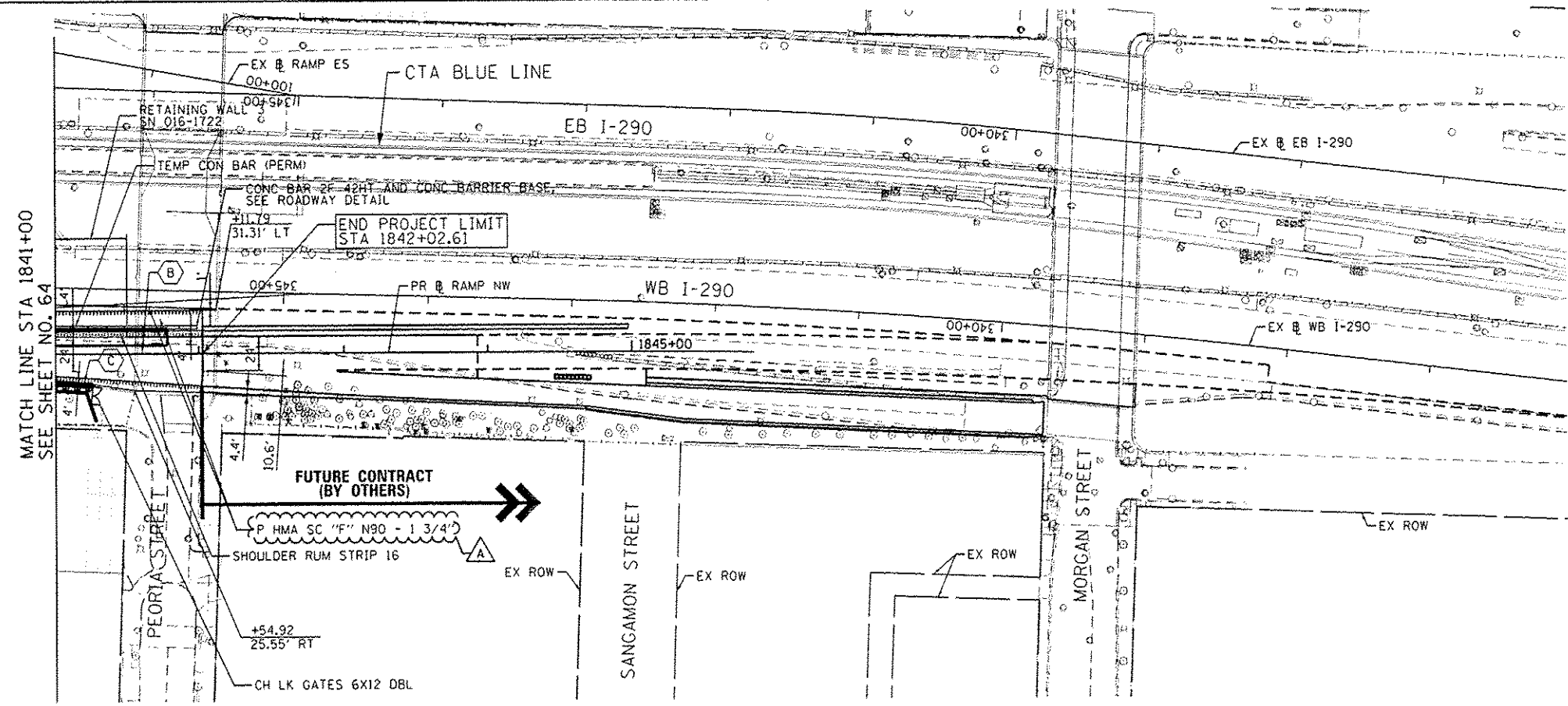
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G	1833+00.00	121.98'	RT
H	1833+13.42	111.17'	RT
I	1833+28.05	74.57'	RT
J	1833+24.88	61.46'	RT
K	1835+80.47	77.95'	RT
L	1836+08.45	69.54'	RT
M	1836+17.09	76.68'	RT
N	1836+19.74	61.77'	RT
O	1836+74.87	36.56'	RT
P	1836+80.32	44.73'	RT
Q	1836+95.50	48.13'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





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

EXISTING



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

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

PROPOSED

FILE PATH: C:\Users\pmsarno\Desktop\60W28-Addendum\016W28-SHT-PL-AN-86.dgn



D:\60W28-SHT-PLAN-86.dgn	DESIGNED - KAM	REVISED - 5/27/2014
USER NAME = pmsarno	DRAWN - NSA/OPS	REVISED -
PLOT SCALE = 1/80,000 @ 1/4" = 1'	CHECKED - KCF	REVISED -
PLOT DATE = 5/26/2014	DATE - 04/28/14	REVISED -

DESIGNED - KAM	REVISED - 5/27/2014
DRAWN - NSA/OPS	REVISED -
CHECKED - KCF	REVISED -
DATE - 04/28/14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED PLAN
RAMP NW

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	147	65
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W28	

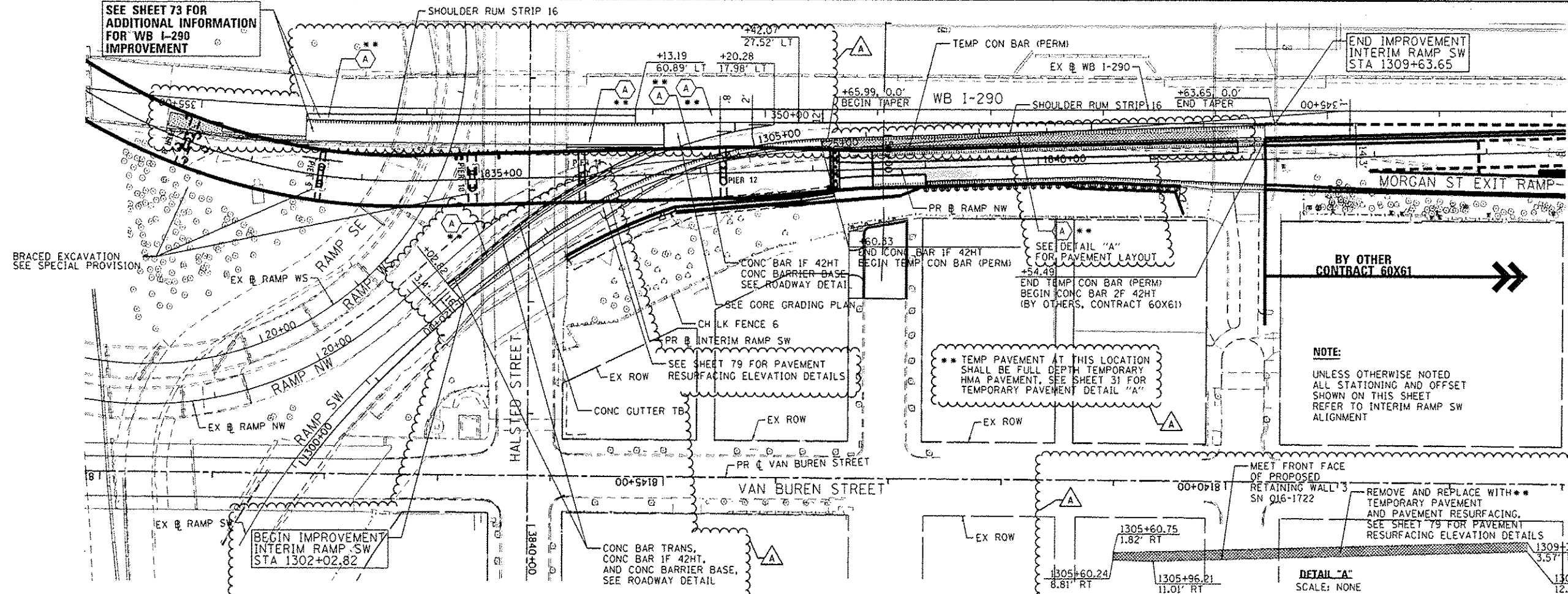
SEE SHEET 73 FOR
ADDITIONAL INFORMATION
FOR WB I-290
IMPROVEMENT

END IMPROVEMENT
INTERIM RAMP SW
STA 1309+63.65



SCALE: 1"=50'

DATE	
BY	
PROJECT NO.	
PROPOSED	
ALIGNED	
FILE NAME	
NO.	
PLAN	
NO.	



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

NOTE:
UNLESS OTHERWISE NOTED
ALL STATIONING AND OFFSET
SHOWN ON THIS SHEET
REFER TO INTERIM RAMP SW
ALIGNMENT

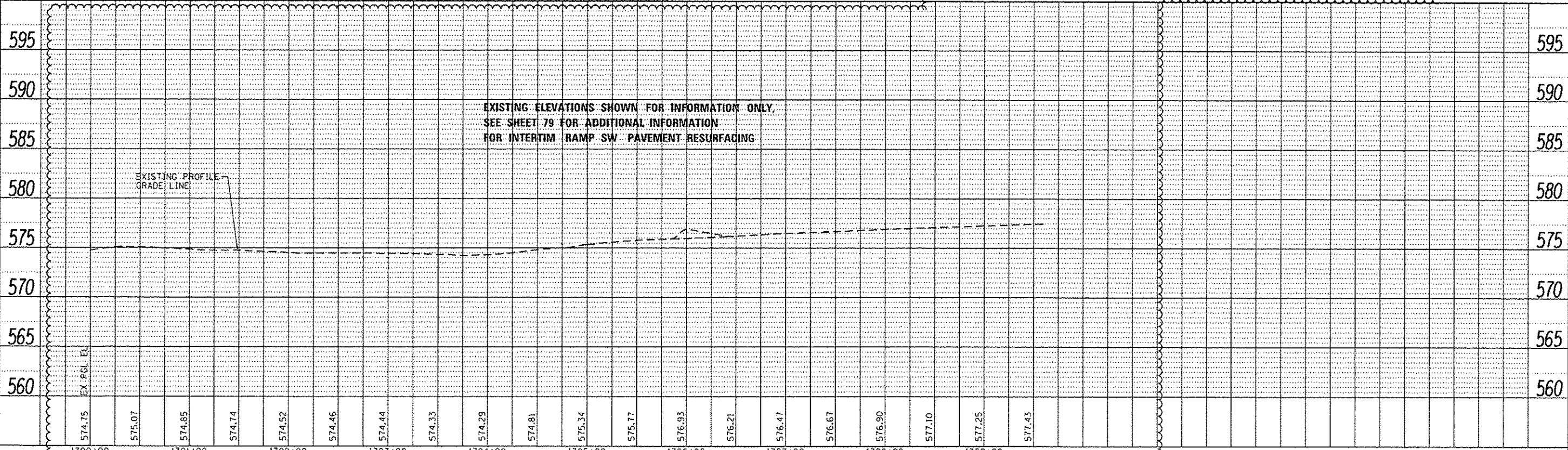
** TEMP PAVEMENT AT THIS LOCATION
SHALL BE FULL DEPTH TEMPORARY
HMA PAVEMENT, SEE SHEET 31 FOR
TEMPORARY PAVEMENT DETAIL "A"

REMOVE AND REPLACE WITH **
TEMPORARY PAVEMENT
AND PAVEMENT RESURFACING.
SEE SHEET 79 FOR PAVEMENT
RESURFACING ELEVATION DETAILS

DETAIL "A"
SCALE: NONE

EXISTING ELEVATIONS SHOWN FOR INFORMATION ONLY,
SEE SHEET 79 FOR ADDITIONAL INFORMATION
FOR INTERIM RAMP SW PAVEMENT RESURFACING

DATE	
BY	
PROJECT NO.	
PROPOSED	
ALIGNED	
FILE NAME	
NO.	
PROFILE	
NO.	



DIGM28-SHT-PLAN-07.dgn
USER NAME: j.pisano
PLOT SCALE: 1/80,000
PLOT DATE: 5/26/2014

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

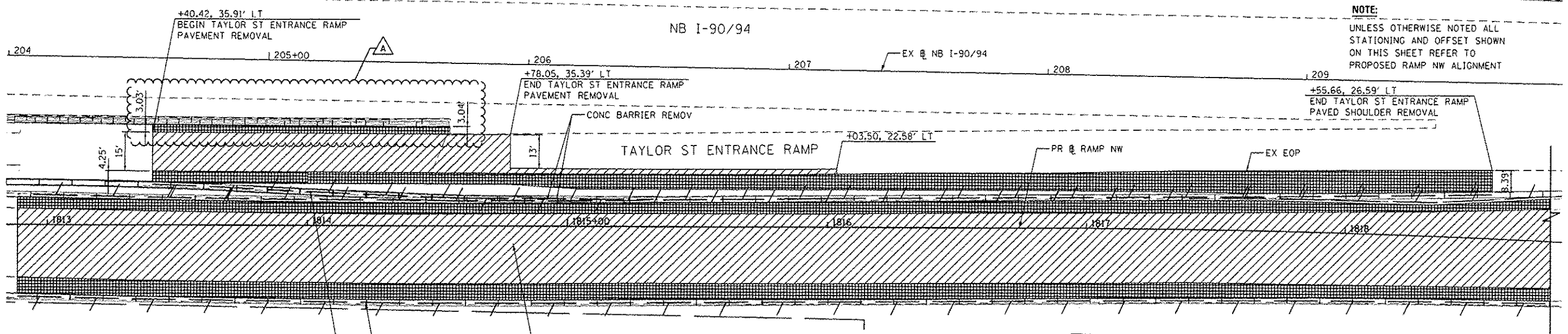
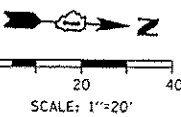
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN AND PROFILE
INTERIM RAMP SW TIE IN AT WB I-290

SCALE: 1"=50' SHEET 1 OF 1 SHEETS STA. 1300+87.42 TO STA. 1309+63.65

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	70
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				



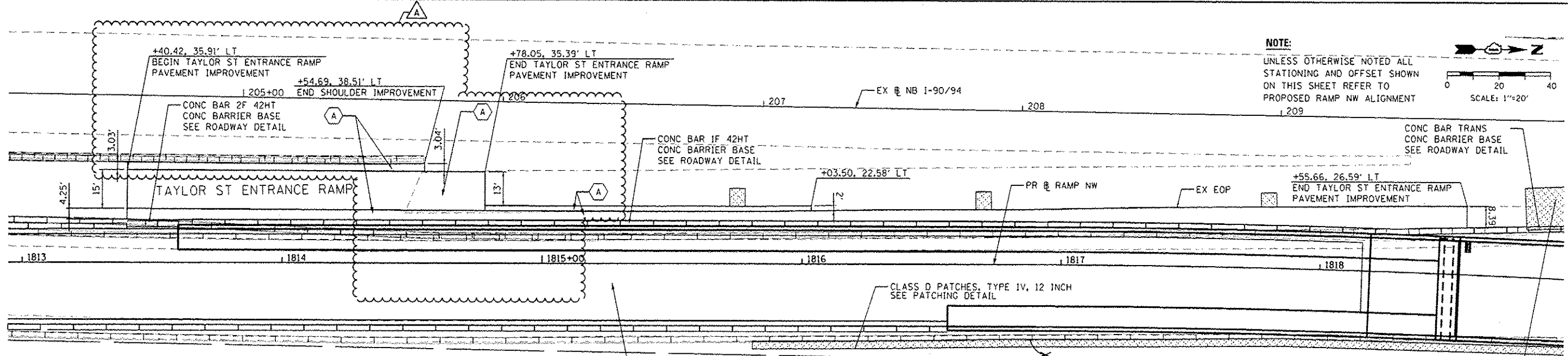
NOTE:
UNLESS OTHERWISE NOTED ALL STATIONING AND OFFSET SHOWN ON THIS SHEET REFER TO PROPOSED RAMP NW ALIGNMENT

REMOVAL LEGEND

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

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

SEE STRUCTURAL PLANS FOR PARTIAL REMOVAL OF EXISTING RETAINING WALL



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

PROPOSED ROADWAY LEGEND

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

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

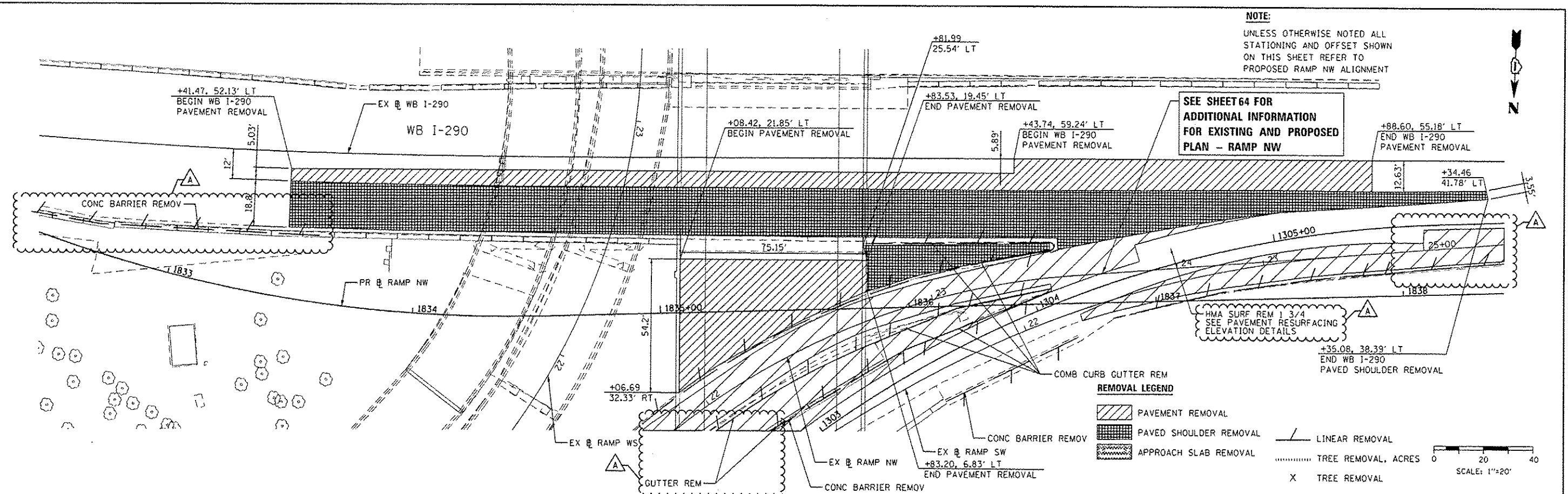


0160428-SHT-PLAN-BB.dgn	DESIGNED - OPS	REVISED - 5/27/2014
USER NAME - pms@rno	DRAWN - NSA	REVISED -
PLT SCALE - 40,0000' / 1"	CHECKED - KCF	REVISED -
PLT DATE - 5/26/2014	DATE - 04/28/14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN		TOTAL SHEETS		SHEET NO.	
TAYLOR ENTRANCE RAMP IMPROVEMENT		747		71	
SCALE: 1"=20'	SHEET 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 60W28	
				ILLINOIS FED. AID PROJECT	

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



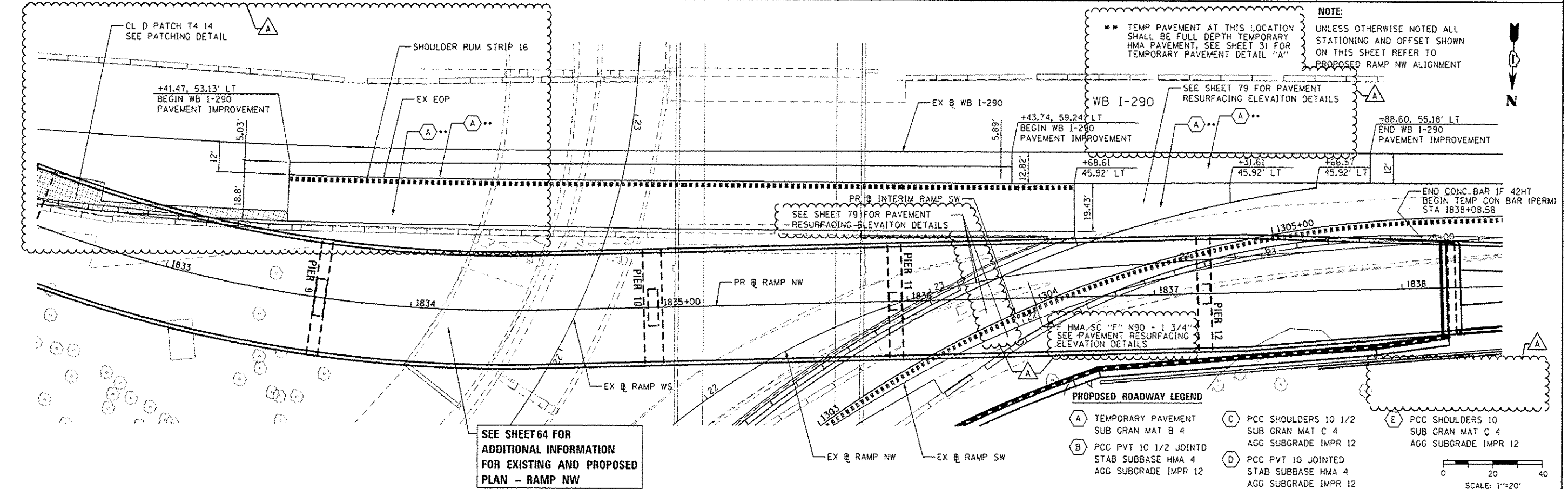
SEE SHEET 64 FOR ADDITIONAL INFORMATION FOR EXISTING AND PROPOSED PLAN - RAMP NW

REMOVAL LEGEND

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

SCALE: 1"=20'

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



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

PROPOSED ROADWAY LEGEND

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

SCALE: 1"=20'



0164W28-SH1-PLAN-09.dgn
USER NAME: pmsano
PLOT SCALE: 1/4"=100'
PLOT DATE: 5/26/2014

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

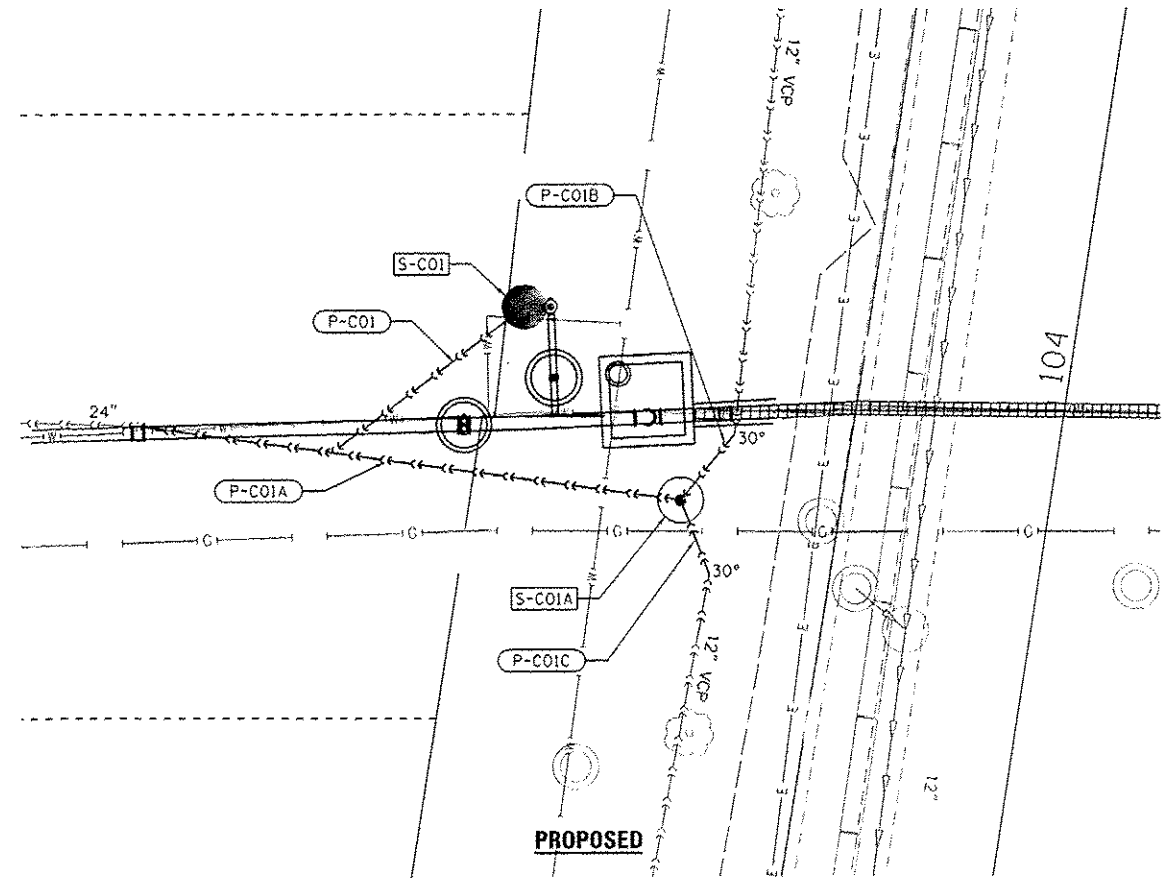
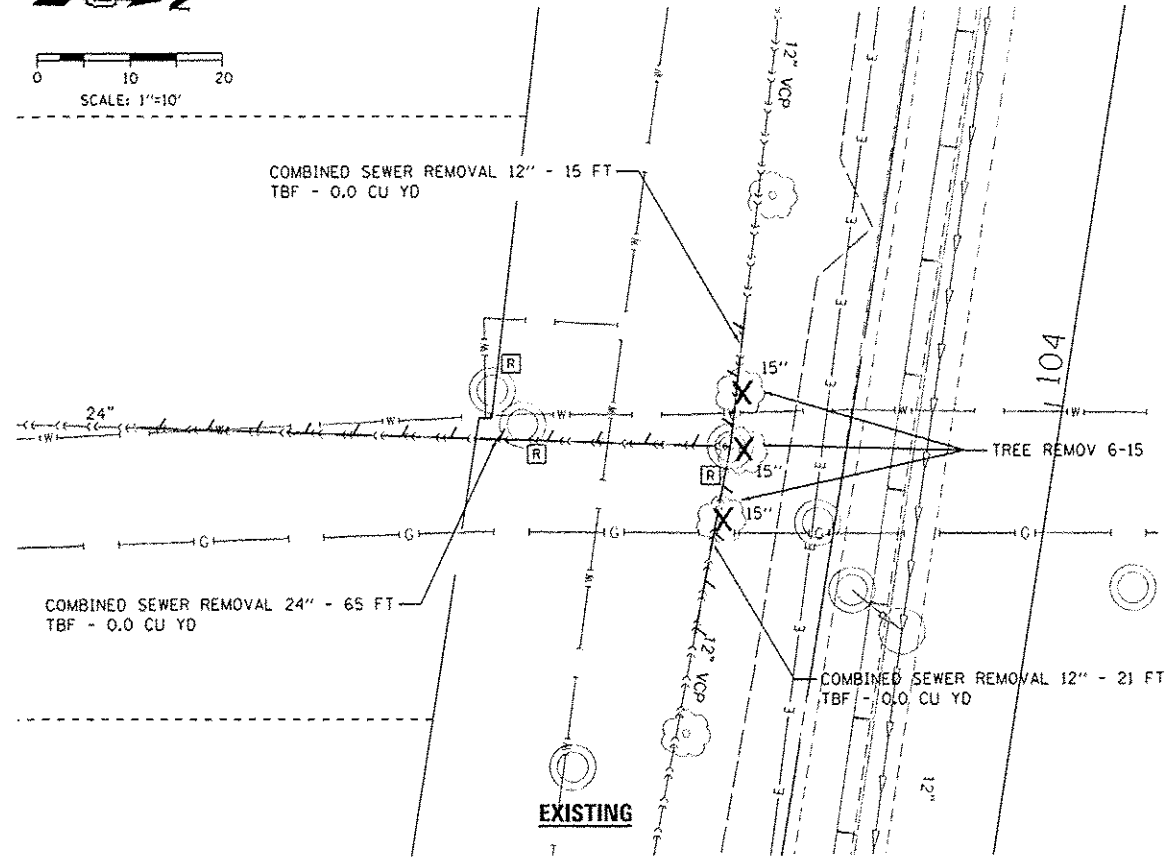
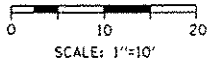
REVISED - 5/27/2014
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
WB I-290 IMPROVEMENT

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

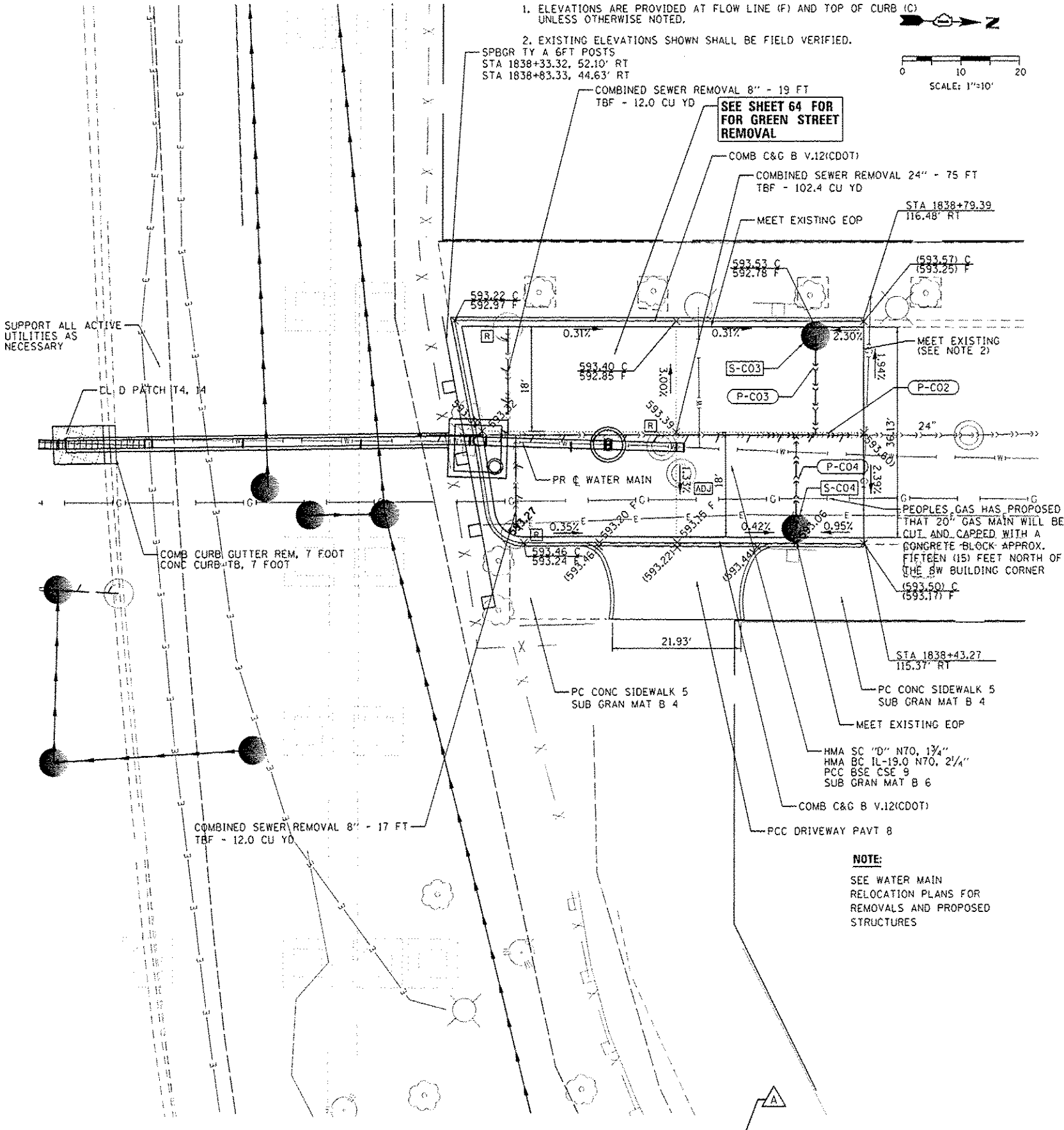
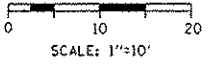
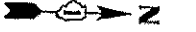
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	72
CONTRACT NO. 60W28				ILLINOIS FED. AID PROJECT



FILE PATH: \\g:\projects\12\12080375\plan\12080375.dwg; PROJECT: 12080375; SHEET: 1 OF 1; DATE: 5/27/2014; TIME: 10:10:10 AM; USER: alicia; PLOT DATE: 5/28/2014

NOTES:

1. ELEVATIONS ARE PROVIDED AT FLOW LINE (F) AND TOP OF CURB (C) UNLESS OTHERWISE NOTED.
2. EXISTING ELEVATIONS SHOWN SHALL BE FIELD VERIFIED.



PROJECT: D166428-SHT-PLAN-10.dgn	DESIGNED: MSC/AFC/OPS	REVISED: A/ 5/27/2014
USER NAME: alicia	DRAWN: NSA/OPS	REVISED:
PLOT SCALE: 20,0000 / in.	CHECKED: KCF	REVISED:
PLOT DATE: 5/28/2014	DATE: 04/28/14	REVISED:

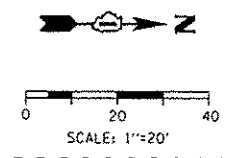
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY, DRAINAGE AND UTILITY PLAN
AT GREEN STREET**

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

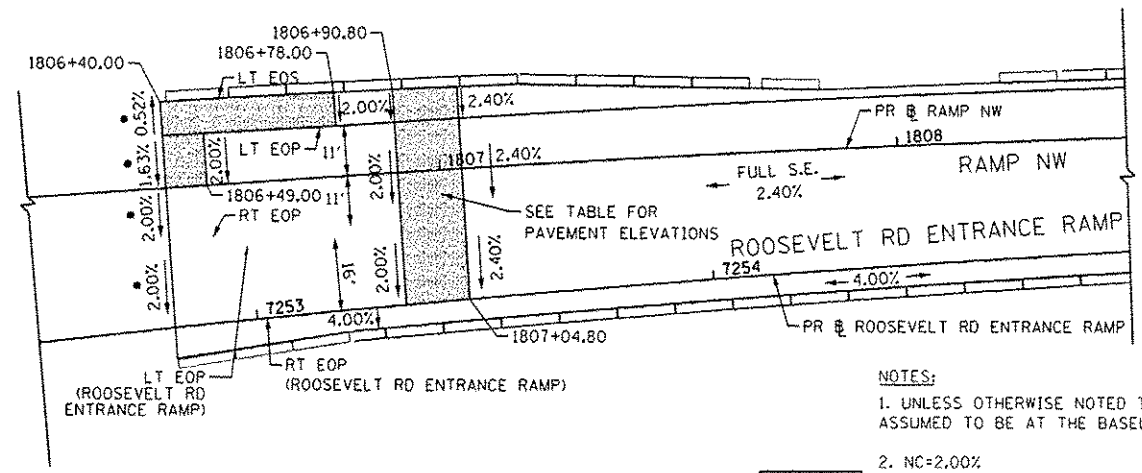
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	73

CONTRACT NO. 60W28
ILLINOIS FEDERAL AID PROJECT



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

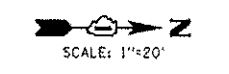
PAVEMENT CROSS SLOPE AND ELEVATION - RAMP NW																		
STATION RAMP NW	LT EOS			LT EOP			RT EOP			LT EOP (ROS)			RT EOP (ROS)			PGL		
	O/S	%	ELEV.	O/S	%	ELEV.	O/S	%	ELEV.	O/S	%	ELEV.	O/S	%	ELEV.	O/S	%	ELEV.
1806+40.00	-18.93	-0.52%	575.94	-11.51	1.63%	575.98	11.51	-2.00%	575.57	14.56	-2.00%	575.50	30.57	-2.00%	575.18	0.00	N/A	575.80
1806+49.00	-18.86	0.08%	575.92	-11.39	2.00%	575.92	11.39	-2.00%	575.46	14.24	-2.00%	575.40	30.24	-2.00%	575.08	0.00	N/A	575.69
1806+50.00	-18.85	0.14%	575.92	-11.37	2.00%	575.90	11.37	-2.00%	575.45	14.20	-2.00%	575.39	30.21	-2.00%	575.07	0.00	N/A	575.68
1806+60.00	-18.74	0.81%	575.84	-11.23	2.00%	575.78	11.23	-2.00%	575.33	13.87	-2.00%	575.28	29.88	-2.00%	574.96	0.00	N/A	575.56
1806+70.00	-18.60	1.47%	575.77	-11.09	2.00%	575.66	11.09	-2.00%	575.21	13.58	-2.00%	575.16	29.58	-2.00%	574.84	0.00	N/A	575.44
1806+78.00	-18.46	2.00%	575.71	-11.00	2.00%	575.56	11.00	-2.00%	575.12	13.36	-2.00%	575.07	29.37	-2.00%	574.75	0.00	N/A	575.34
1806+80.00	-18.43	2.00%	575.68	-11.00	2.00%	575.53	11.00	-2.00%	575.09	13.31	-2.00%	575.04	29.32	-2.00%	574.72	0.00	N/A	575.31
1806+90.80	-18.24	2.00%	575.54	-11.00	2.00%	575.39	11.00	-2.00%	574.95	13.03	-2.00%	574.91	29.04	-2.00%	574.59	0.00	N/A	575.17
1807+00.00	-18.07	2.26%	575.47	-11.00	2.26%	575.31	11.00	-2.26%	574.81	12.79	-2.26%	574.77	28.80	-2.26%	574.41	0.00	N/A	575.06
1807+04.80	-17.98	2.40%	575.43	-11.00	2.40%	575.26	11.00	-2.40%	574.73	12.67	-2.40%	574.69	28.67	-2.40%	574.31	0.00	N/A	575.00



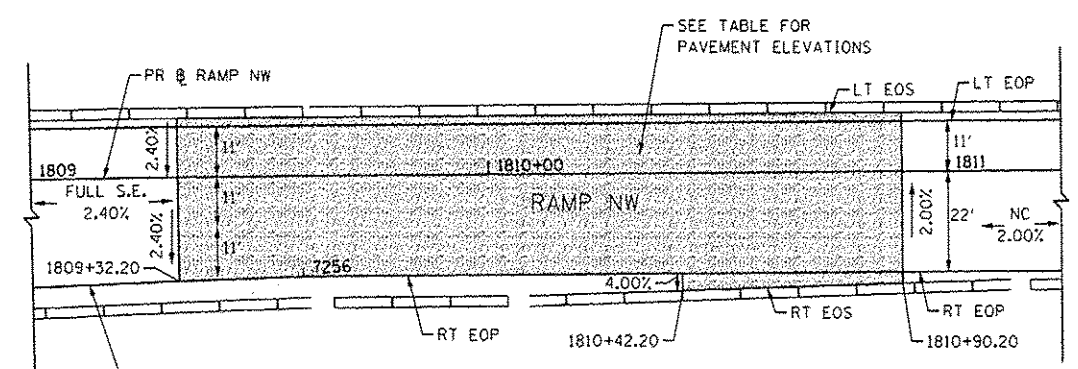
NOTES:
1. UNLESS OTHERWISE NOTED THE PGL IS ASSUMED TO BE AT THE BASELINE
2. NC=2.00%

PAVEMENT CROSS SLOPE TRANSITIONS

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



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



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

PAVEMENT CROSS SLOPE TRANSITIONS

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

FILE PATH: C:\Users\alibrown\Desktop\1810+00\1810+00_SuperTrans Det-01.dwg



DIGIDW28-shc-SuperTrans Det-01.dwg	DESIGNED - KAM	REVISED - 05/27/2014
USER NAME = alizadehn	DRAWN - NSA	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - KCF	REVISED -
PLOT DATE = 5/29/2014	DATE - 04/28/14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERELEVATION TRANSITION DETAILS
RAMP NW

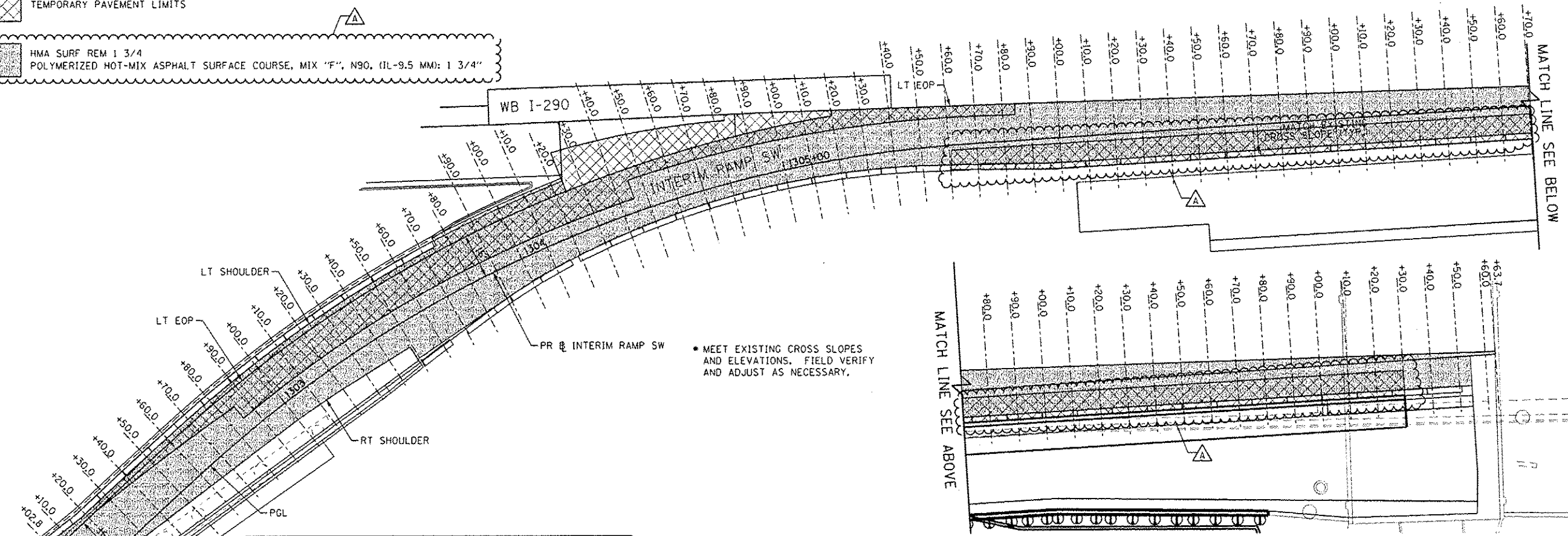
SCALE: 1"=20' SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	75
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				

FILE PATH: C:\Users\paul.aec\Documents\11506228-11506228-005-Roadway\11506228-11506228-005-Super Trans Det-05.dwg

TEMPORARY PAVEMENT LIMITS

HMA SURF REM 1 3/4
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, (IL-9.5 MM): 1 3/4"



PAVEMENT CROSS SLOPE AND ELEVATION - INTERIM RAMP SW

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

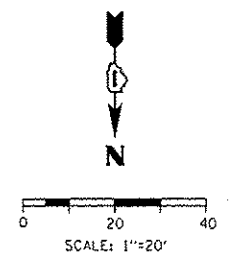
PAVEMENT CROSS SLOPE AND ELEVATION - INTERIM RAMP SW

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

PAVEMENT CROSS SLOPE AND ELEVATION - INTERIM RAMP SW

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

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



AECOM
303 EAST WADSWORTH DRIVE, SUITE 1400
CHICAGO, IL 60601-3176
PHONE: (312) 375-1100 FAX: (312) 375-6800

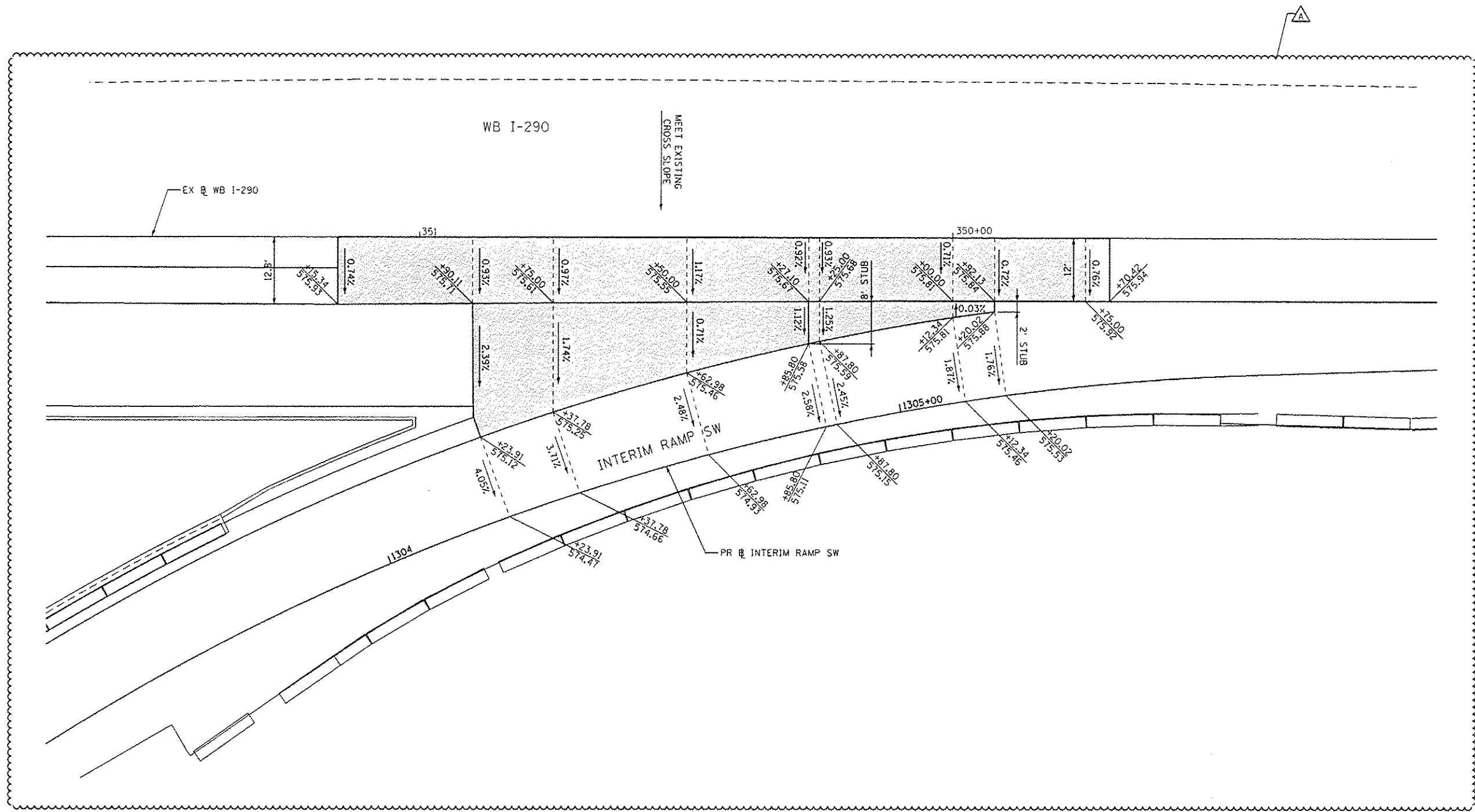
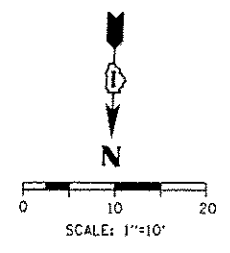
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DRAWN - NSA REVISED -
CHECKED - KCF REVISED -
DATE - 04/28/14 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**PAVEMENT RESURFACING ELEVATION DETAILS
INTERIM RAMP SW**

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

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



FILE PATH : C:\Users\alirezadeh\OneDrive\Documents\Projects\60W26\WB I-290\GoreDetail-02.dgn



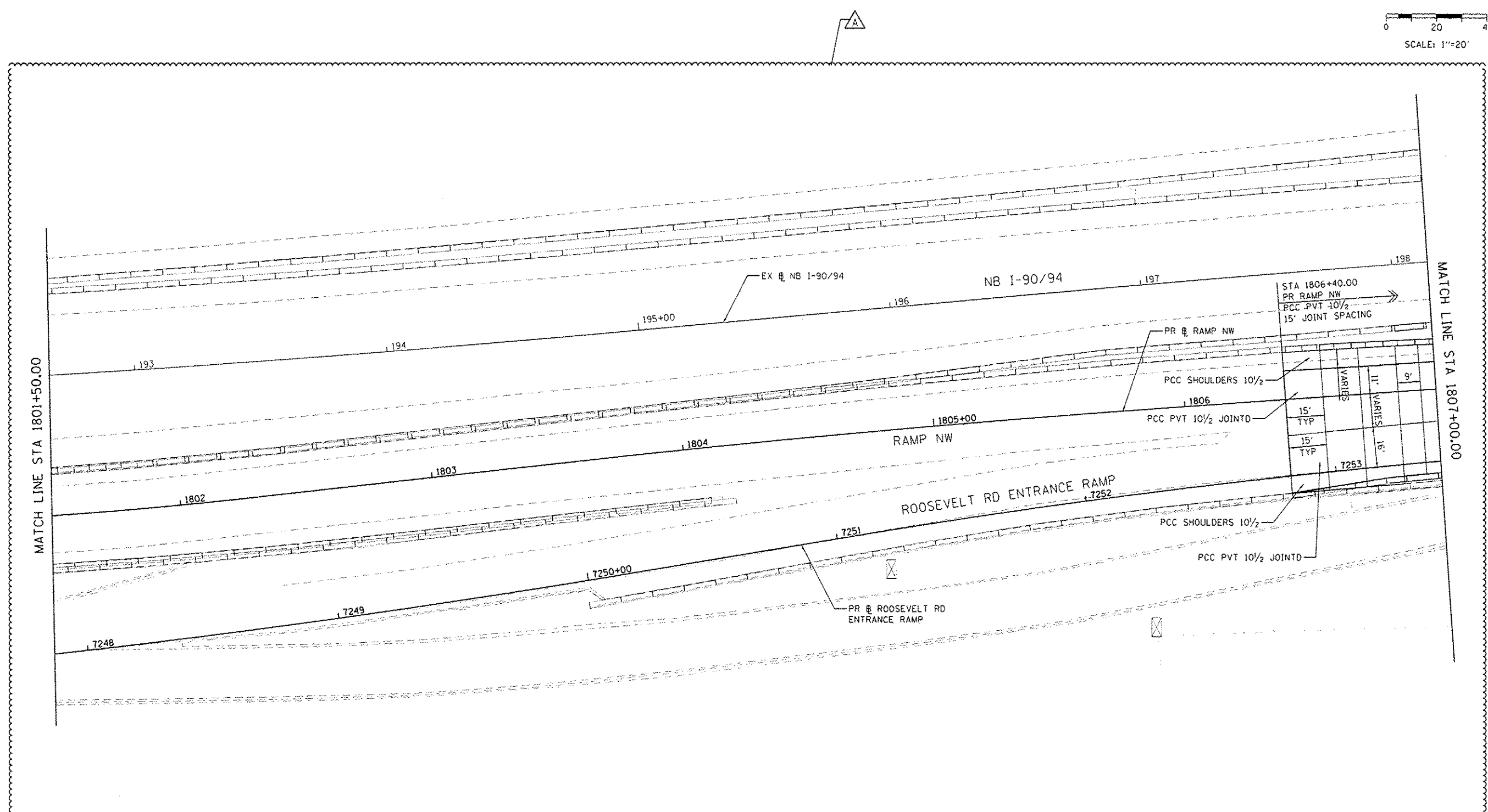
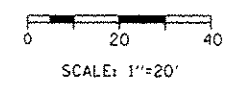
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 PLOT SCALE : 20.0000 / in.
 PLOT DATE : 5/25/2014

DESIGNED - OPS	REVISED - 5/27/2014
DRAWN - NSA	REVISED -
CHECKED - DBM	REVISED -
DATE - 04/28/14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GORE GRADING DETAILS
WB I-290 AND INTERIM RAMP SW
 SCALE: 1"=10' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	81
CONTRACT NO. 60W26				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA 1801+50.00

MATCH LINE STA 1807+00.00

STA 1806+40.00
 PR RAMP NW
 PCC PVT 10 1/2"
 15' JOINT SPACING

VARIES	11'	9'
VARIES	15'	16'
VARIES	15'	16'
VARIES	15'	16'

FILE PATH: ... \projects\6028\6028\Documents\B1_dwg\6028\Transportation\6028\6028.dwg (asx) Transportations\6028\6028.dwg (asx) 11/20/14 5:25:18 PM
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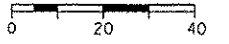
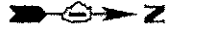


DIBBW28-shr-Jointing Detail-01.dgn	DESIGNED - NSA	REVISED - 5/27/2014
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PLOT SCALE = 48.0000 / in.	CHECKED - OPS	REVISED -
PLOT DATE = 5/25/2014	DATE - 04/28/14	REVISED -

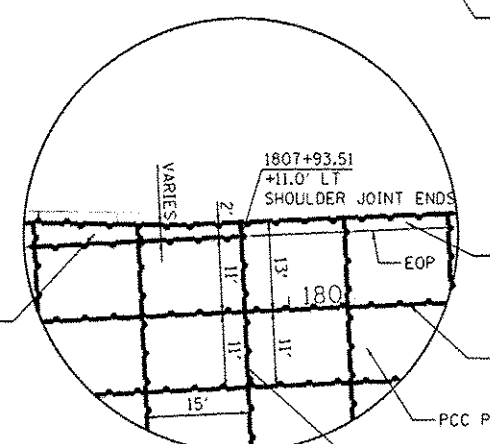
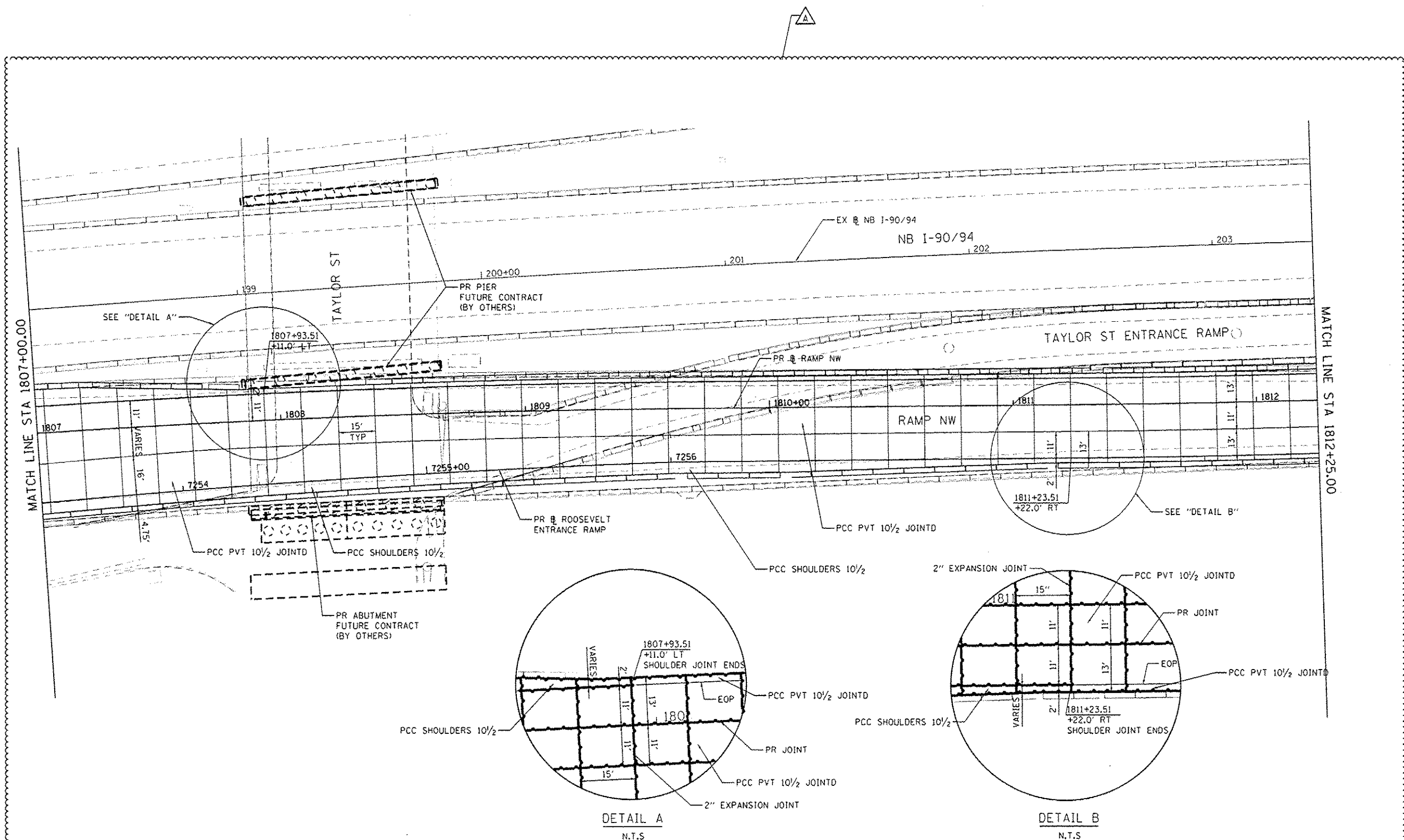
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

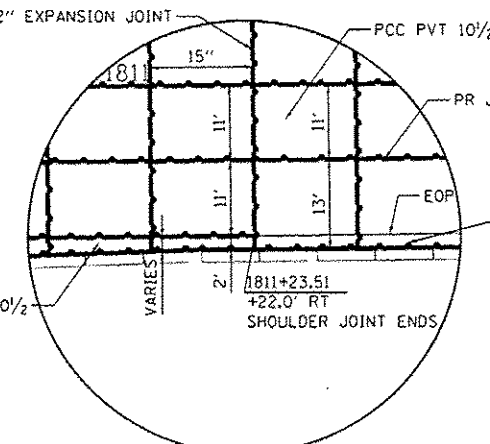
F.A.I. RTE. 90/94/290	SECTION 2013-010R	COUNTY COOK	TOTAL SHEETS 747	SHEET NO. 82
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				



SCALE: 1"=20'



DETAIL A
N.T.S.



DETAIL B
N.T.S.



0160W28-ent-Jointing Detail-02.dgn
USER NAME : alizadeh
PLT SCALE : 48.0000 / in.
PLT DATE : 5/25/2014

DESIGNED - NSA	REVISED - 05/27/2014
DRAWN - NSA	REVISED -
CHECKED - OPS	REVISED -
DATE - 04/28/14	REVISED -

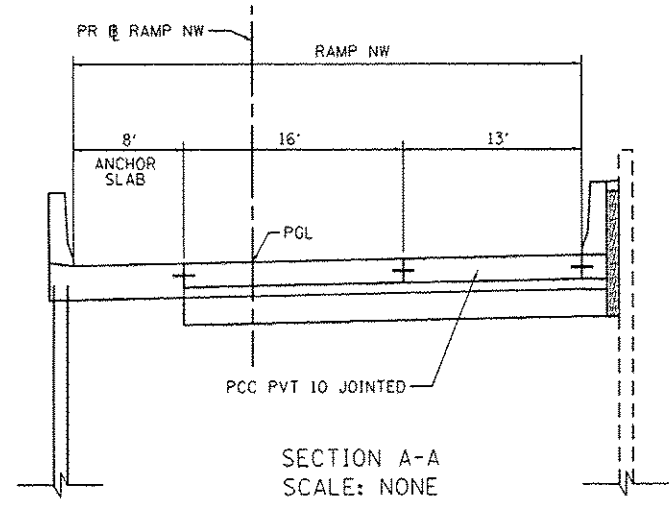
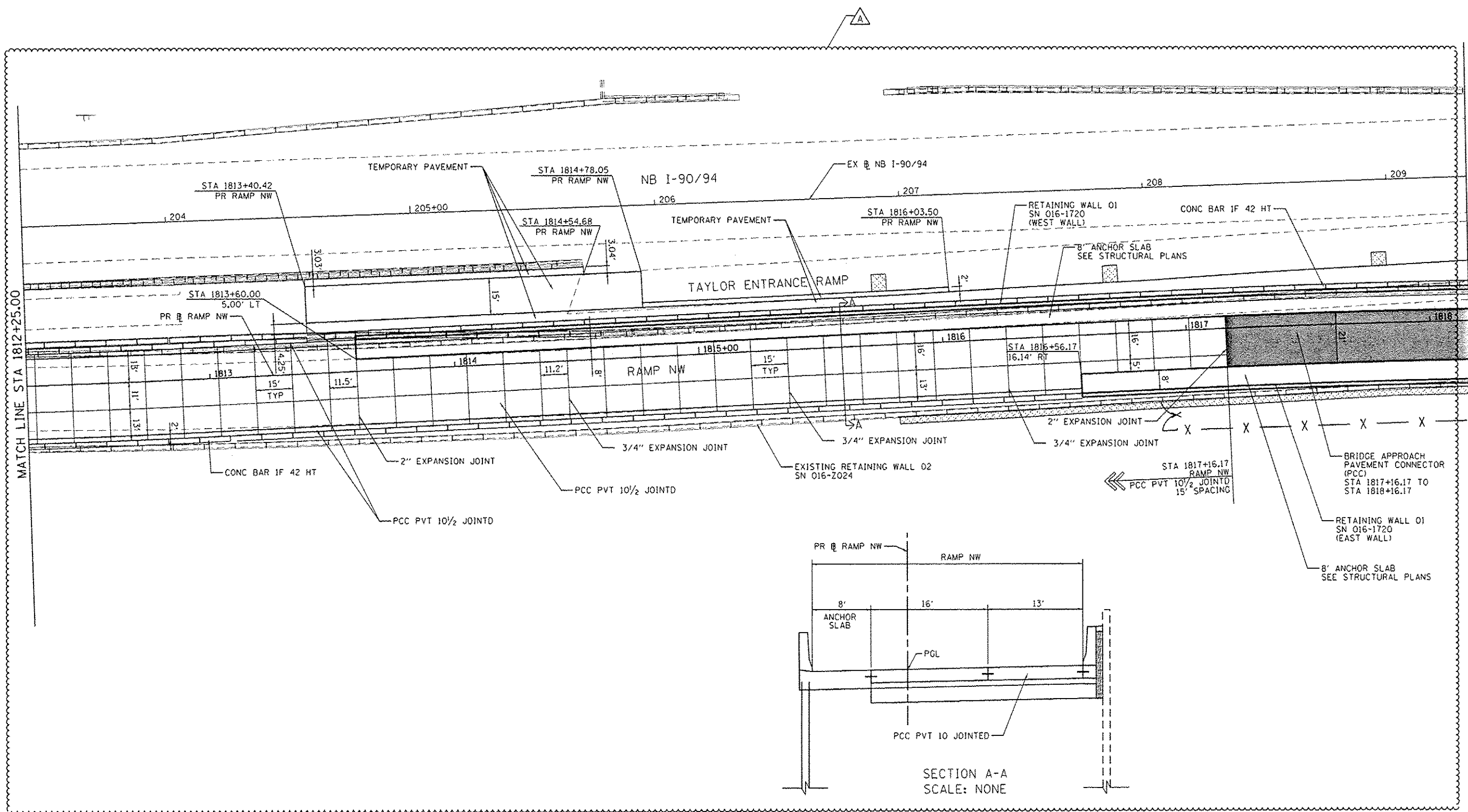
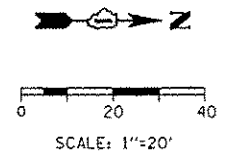
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOINTING AND PCC PAVEMENT DETAIL PLAN

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

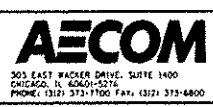
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	83
CONTRACT NO. 60W28				
[ILLINOIS] FED. AID PROJECT				

FILE PATH : C:\Users\alirezadeh\Desktop\Projects\60W28-ent-Jointing Detail-02.dgn



MATCH LINE STA 1812+25.00

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



D:\60W28-sht-Jointing Detail-03.dgn	
USER NAME	* pmsa-no
PLOT SCALE	* 40.0000' / 1" =
PLOT DATE	* 5/26/2014

DESIGNED	- NSA	REVISED	- A 05/27/2014
DRAWN	- NSA	REVISED	-
CHECKED	- OPS	REVISED	-
DATE	- 04/28/14	REVISED	-

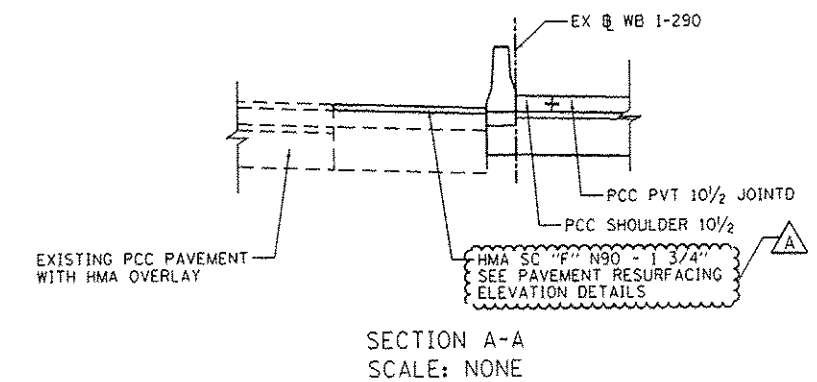
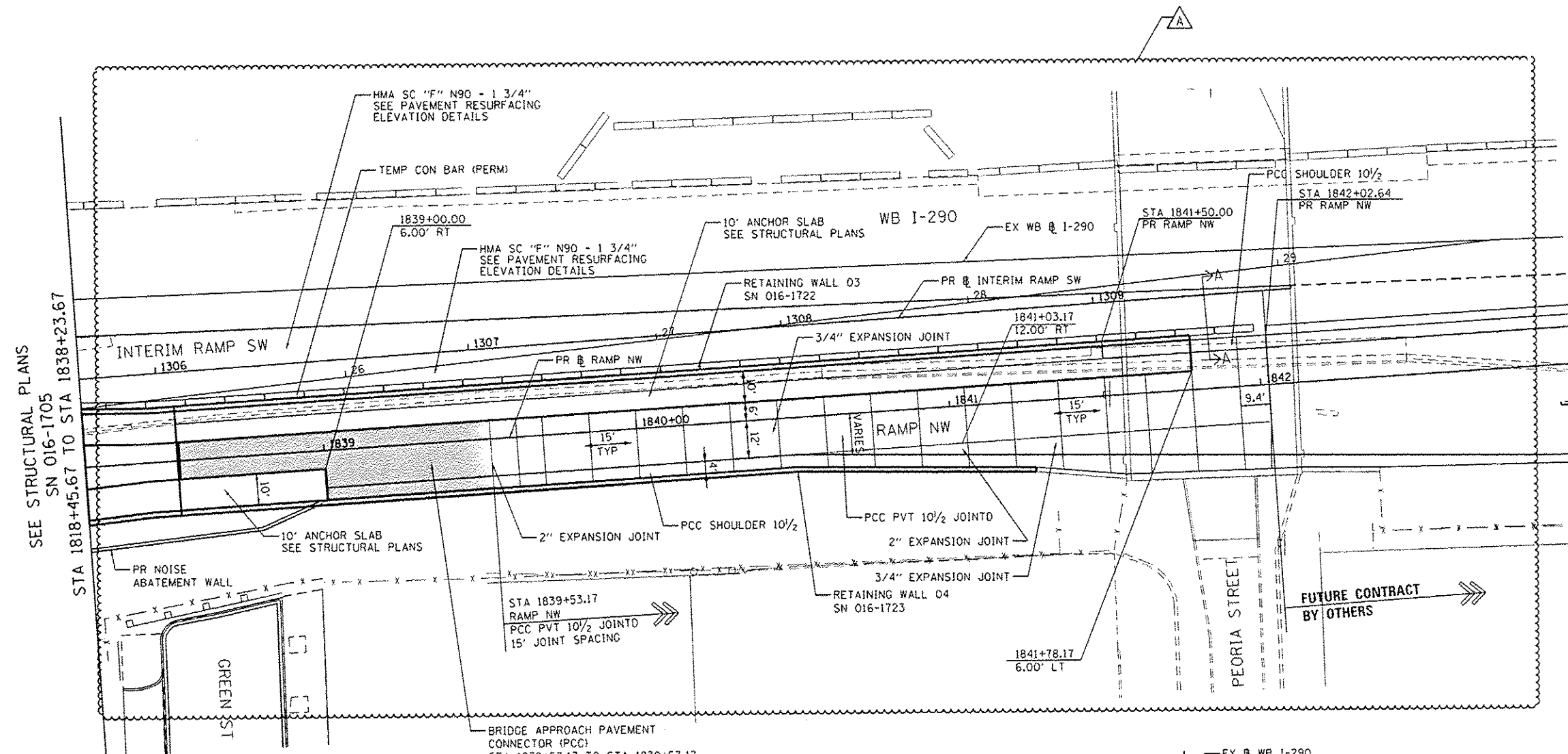
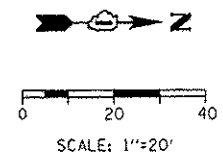
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Jointing and PCC Pavement Detail Plan

SCALE: 1"=20'	SHEET 3	OF 5 SHEETS	STA.	TO STA.
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	84
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	

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

FUTURE CONTRACT
BY OTHERS

SECTION A-A
SCALE: NONE

FILE PATH: C:\Users\pmsm\OneDrive\Documents\60W28-eh1-Jointing Detail-05.dgn



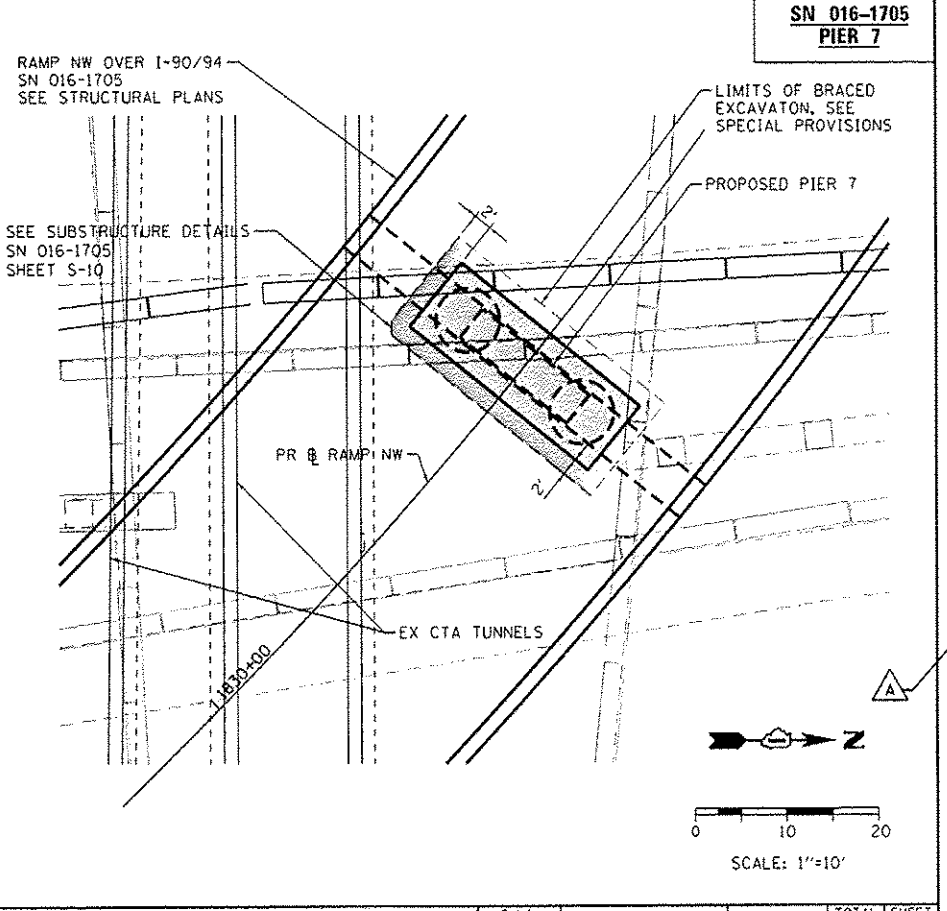
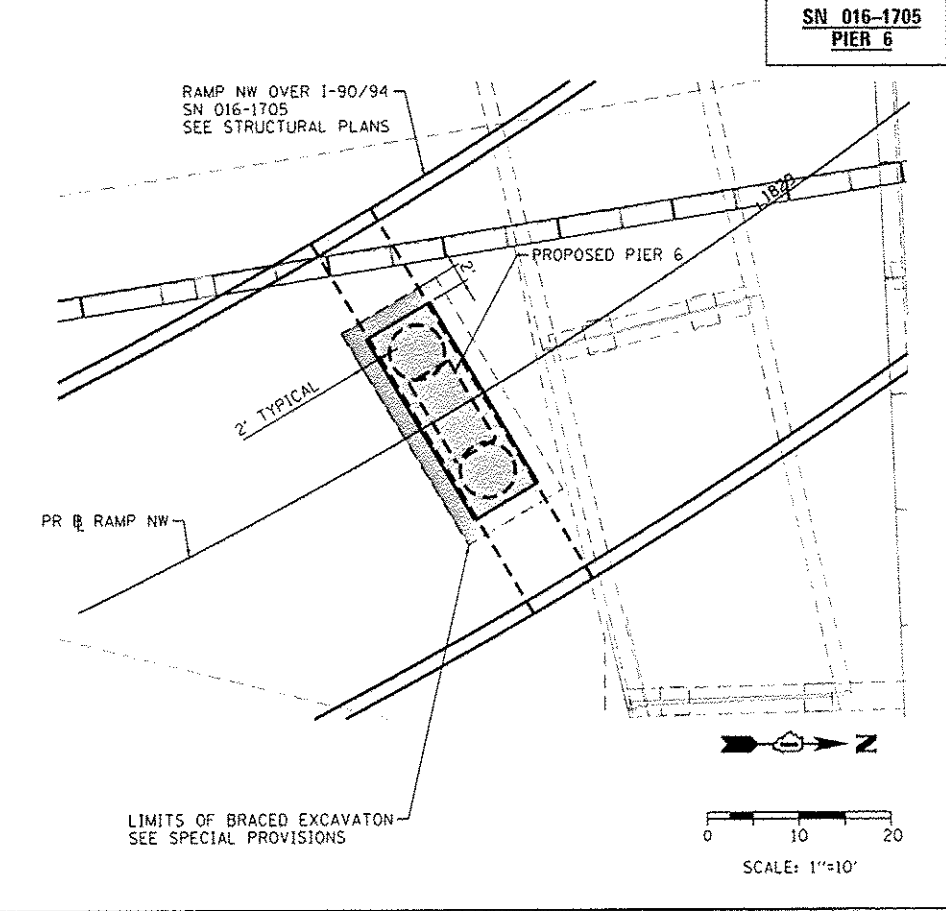
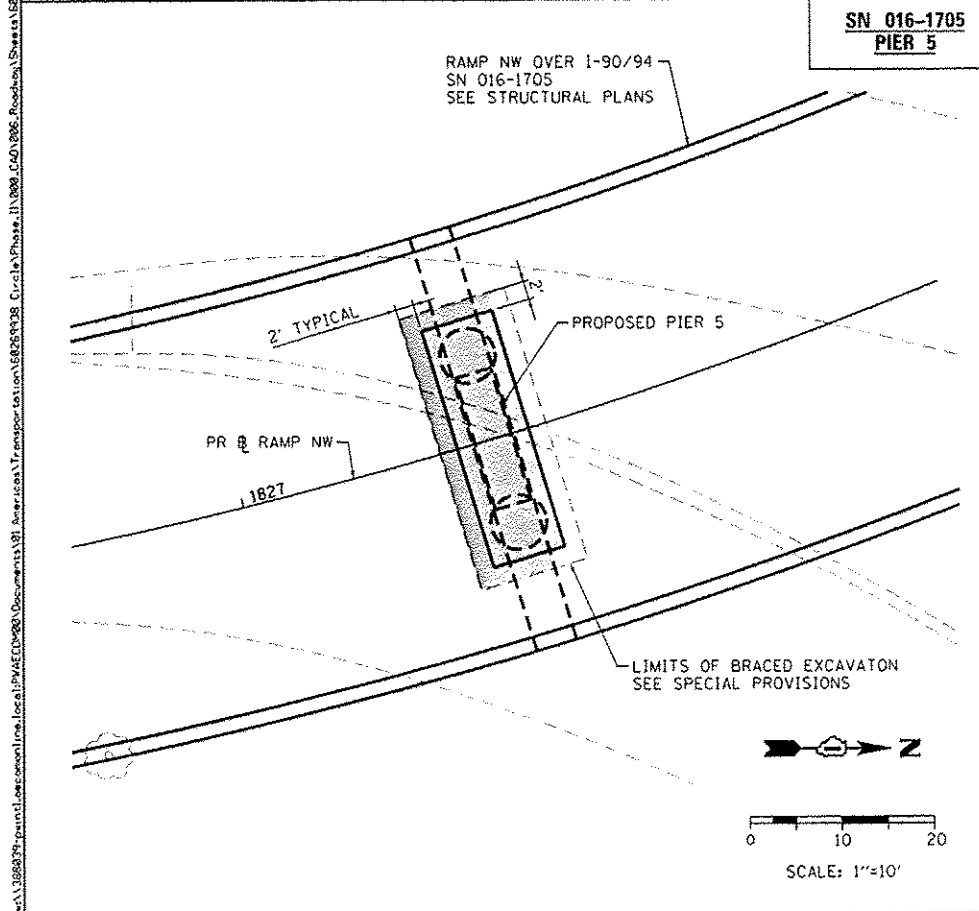
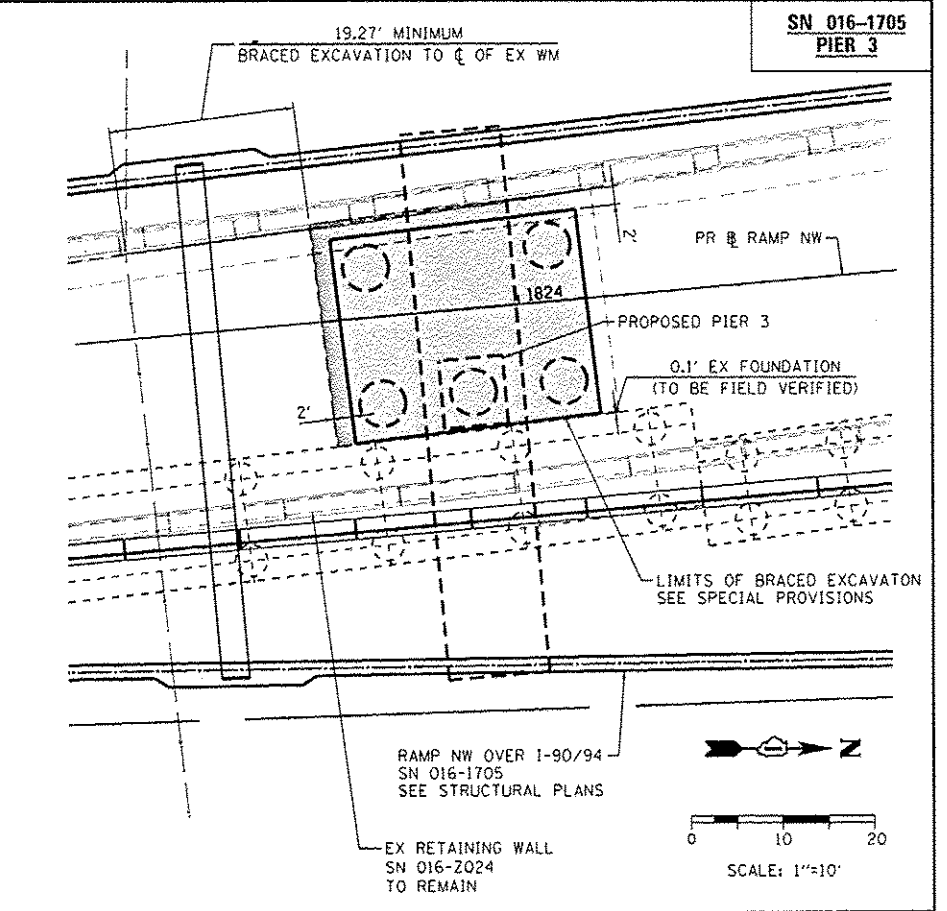
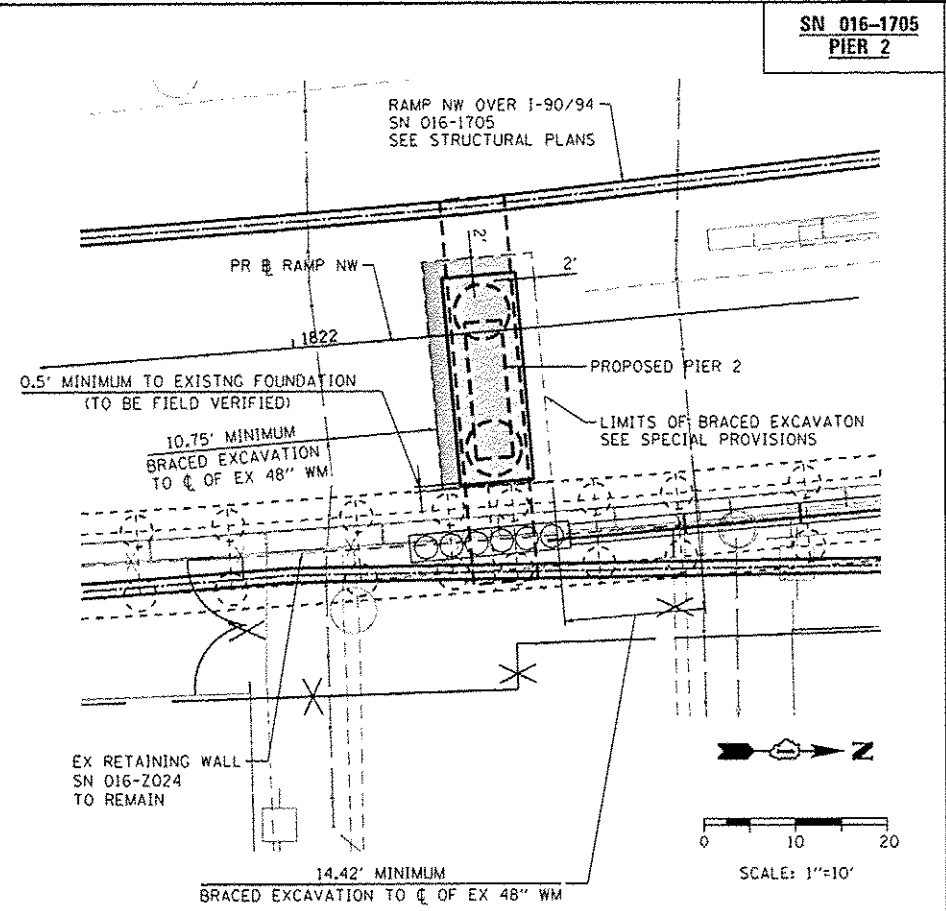
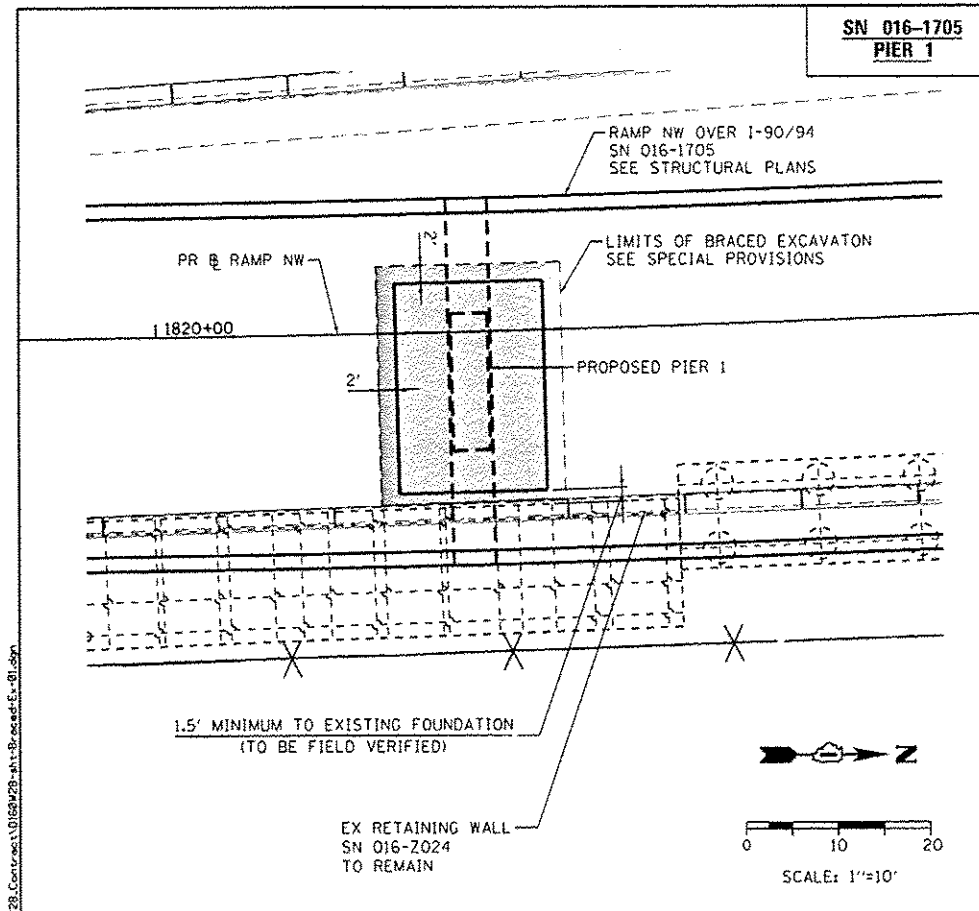
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PLOT DATE: 5/26/2014	DATE - 04/28/14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Jointing and PCC Pavement Detail Plan

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

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



0160W28-sh1-Braced-Ex-Di.dgn	DESIGNED - ATB	REVISED - 5/27/2014
USER NAME - dmarrno	DRAWN - OPS	REVISED -
PLOT SCALE - 20.0000' / 1"	CHECKED - DBM	REVISED -
PLOT DATE - 5/25/2014	DATE - 04/28/14	REVISED -

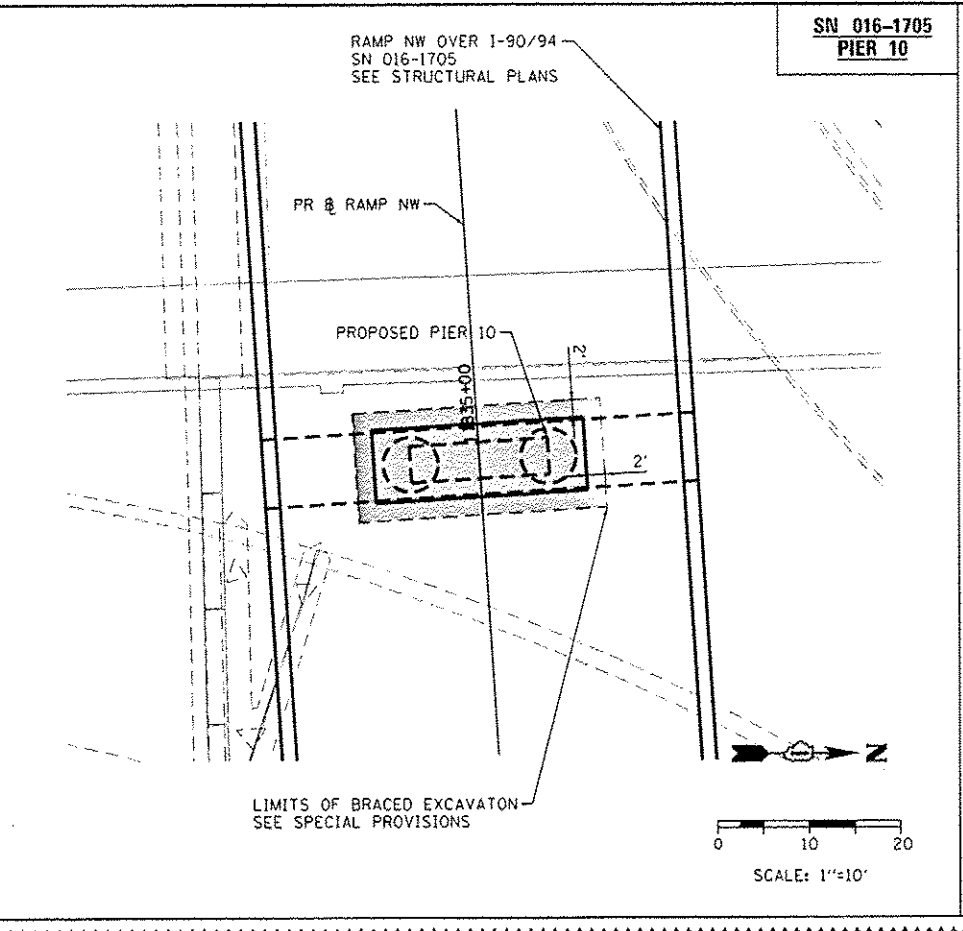
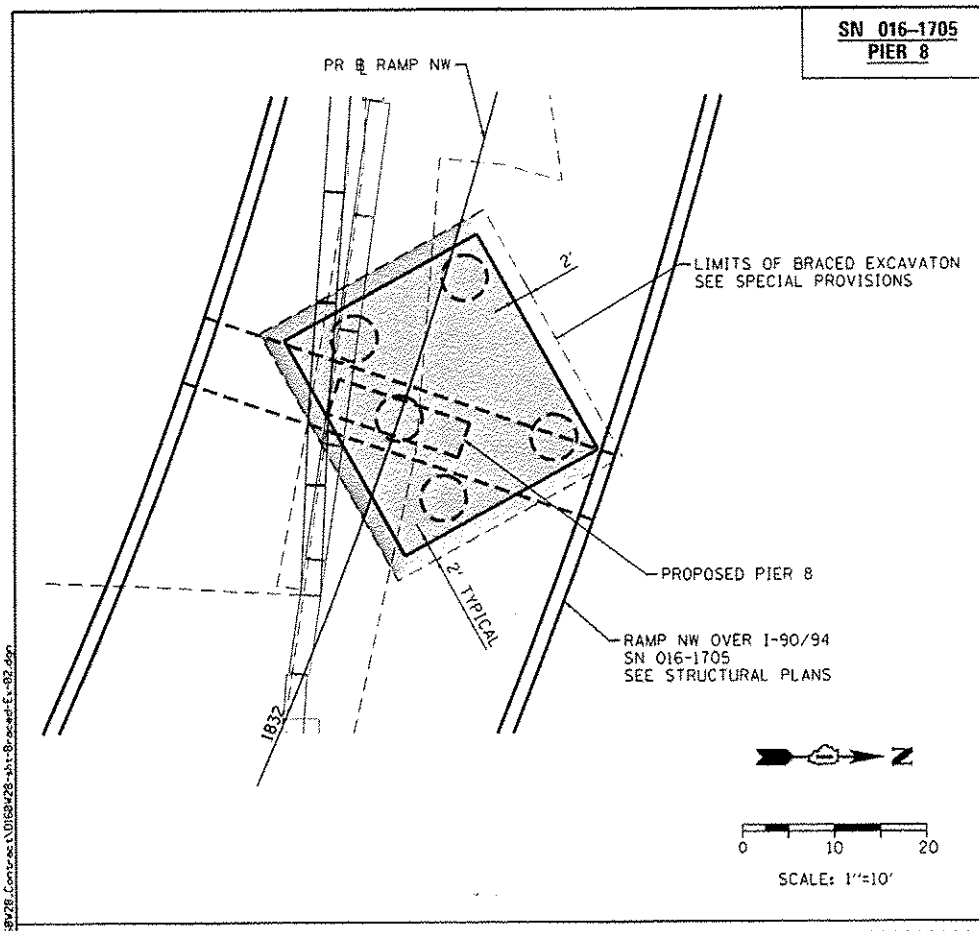
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DRAWN - OPS	REVISED -
CHECKED - DBM	REVISED -
DATE - 04/28/14	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BRACED EXCAVATION LIMIT PLAN

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

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



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 USER NAME: plmshno
 PLOT SCALE: 20,0000 / in.
 PLOT DATE: 5/25/2014

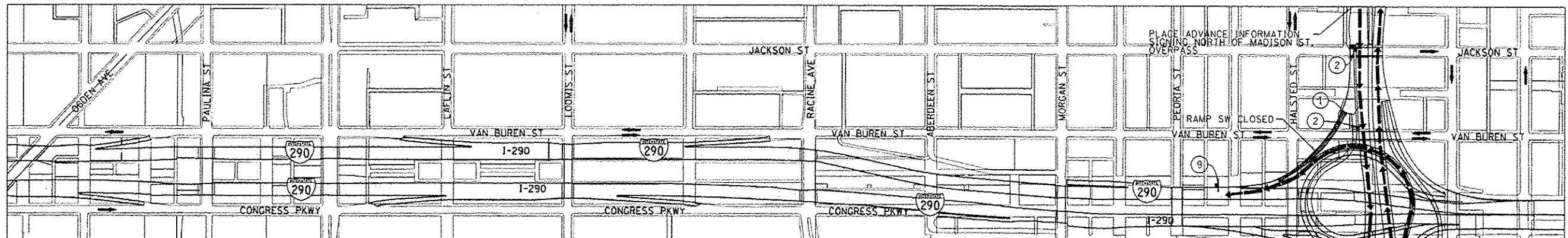
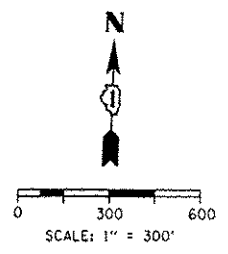
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DATE -	04/28/14	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

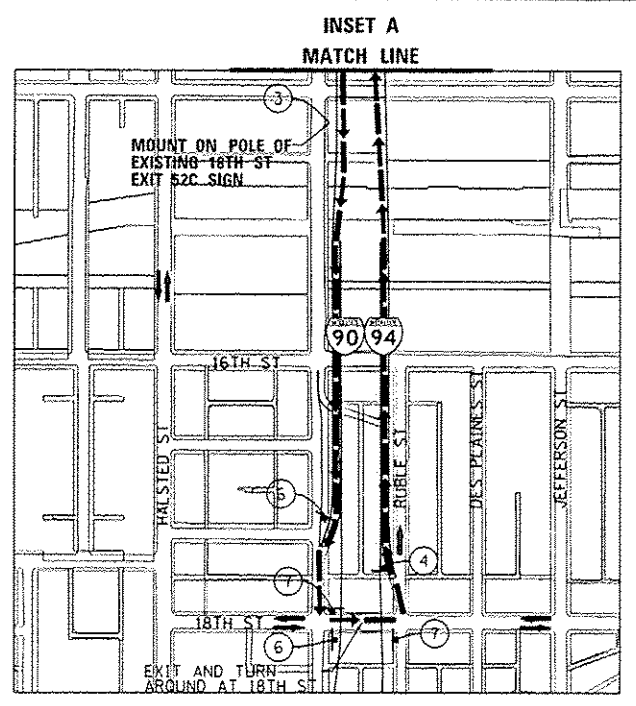
BRACED EXCAVATION LIMIT PLAN

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

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



- TRAFFIC CONTROL NOTES**
1. PRIMARY DETOUR ROUTE: CONTINUE ON I-90/94 E TO 18TH ST, RETURN NORTH ON I-90/94 W, EXITING AND RE-ENTERING AT ROOSEVELT RD.
 2. DETOUR TO BE USED WHEN ROOSEVELT NB ENTRANCE TO I-90/94 IS OPEN.
 3. DETOUR SIGNING MUST BE INSTALLED PRIOR TO CLOSURE RAMP SW.
 4. RAMP CLOSURE SHALL FOLLOW THE LATEST VERSION OF THE IDOT HIGHWAY STANDARDS AND DISTRICT 1 STANDARD DETAIL TC-08. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION.
 5. PLACEMENT AND SPACING OF SIGNS AND BARRICADES SHALL BE IN ACCORDANCE WITH IDOT DISTRICT 1 STANDARD DETAIL TC-08 AND TC-21.
 6. ALL DETOUR SIGNS SHALL HAVE AN ORANGE BACKGROUND WITH BLACK LETTERS.
 7. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
 8. THE COST OF SUPPLYING, ERECTING AND MAINTAINING BARRICADES, WARNING LIGHTS AND STANDARD SIGNS ALONG ALL DETOUR ROUTES SHALL BE INCLUDED IN THE CONTRACT COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
 9. THIS DETOUR CAN ONLY BE USED ON ONE (1), 54-HOUR (MAXIMUM) WEEKEND CLOSURE OF RAMP SW TO COMPLETE PROPOSED WATER MAIN CONNECTION IN STAGE 1 TO THE EXTENT SHOWN ON THE PLANS AND DURING GIRDER ERECTION. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS AND THE SPECIAL PROVISION "GIRDER ERECTION INFORMATION AND RESTRICTIONS" FOR ADDITIONAL INFORMATION.

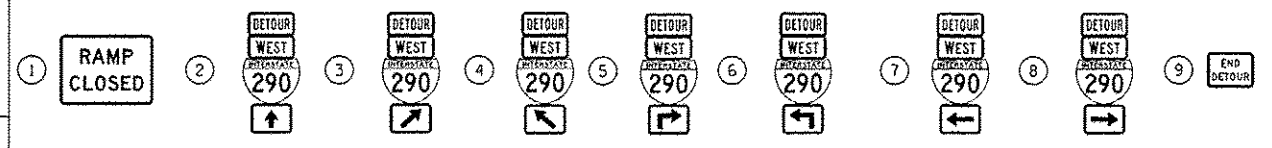


DETOUR SIGNS TYPE & SIZE
(ALL SIGN COLORS SHALL BE ACCORDING TO THE LATEST EDITION OF THE MUTCD)

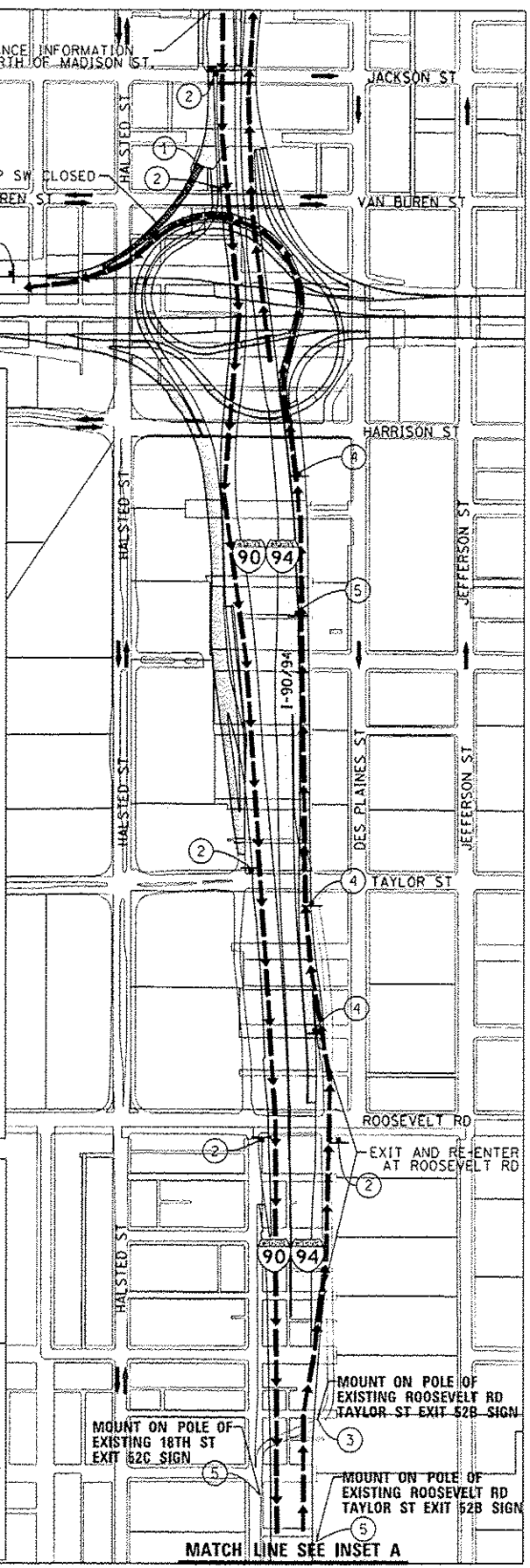
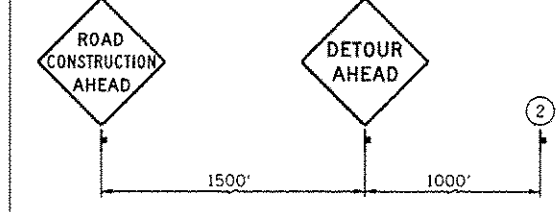
- | | |
|--|---|
| | M1-1 (30"x24") |
| | M3-4 (24"x12") |
| | M4-8 (24"x12") |
| | M4-8A (24"x18") |
| | M5-1 (21"x15") |
| | M6-1 (21"x15") |
| | M6-2 (21"x15") |
| | M6-3 (21"x15") |
| | W20-2 (48"x48") |
| | W20-30-48 |
| | SEE TC-08 FOR SIGN INFORMATION BLACK LETTERS ON ORANGE BACKGROUND (48"x36")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

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

SIGN ASSEMBLIES



ADVANCE INFORMATION SIGNS

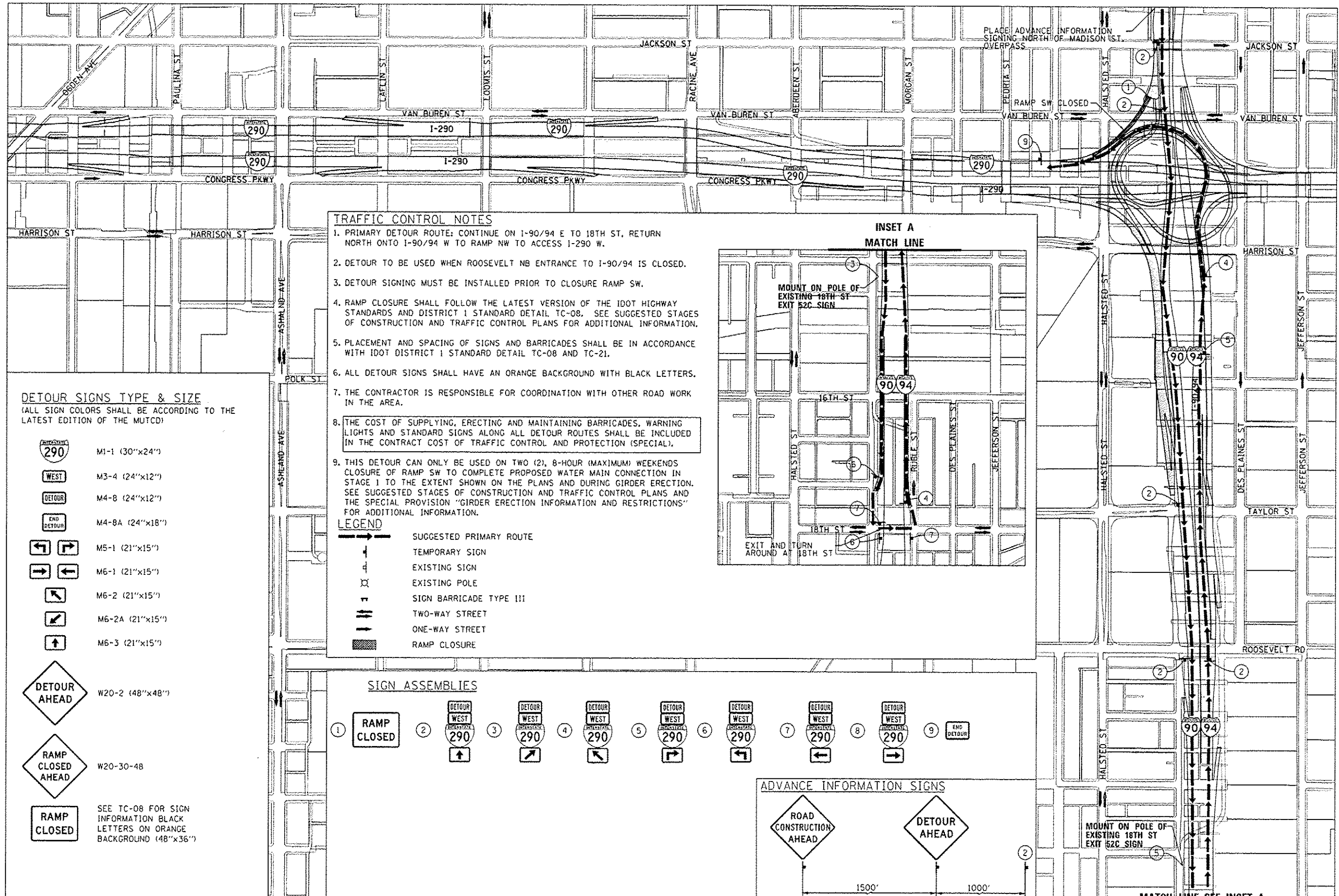
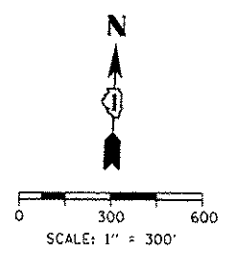


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DRAWN - AFC	REVISED -
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DATE - 04/28/14	REVISED -

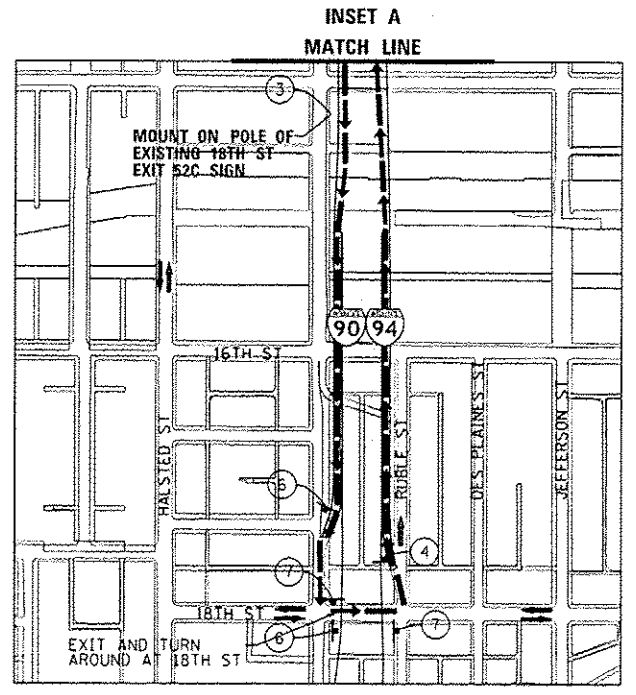
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETOUR PLAN	
RAMP SW (ROOSEVELT NB OPEN)	
SCALE: 1" = 300'	SHEET 1 OF 1 SHEETS STA. TO STA.

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



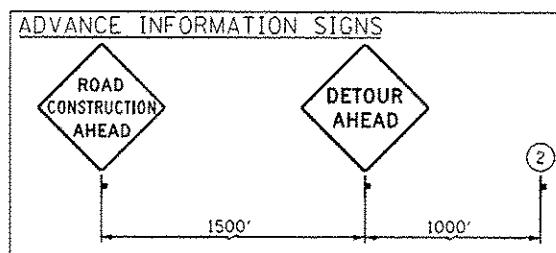
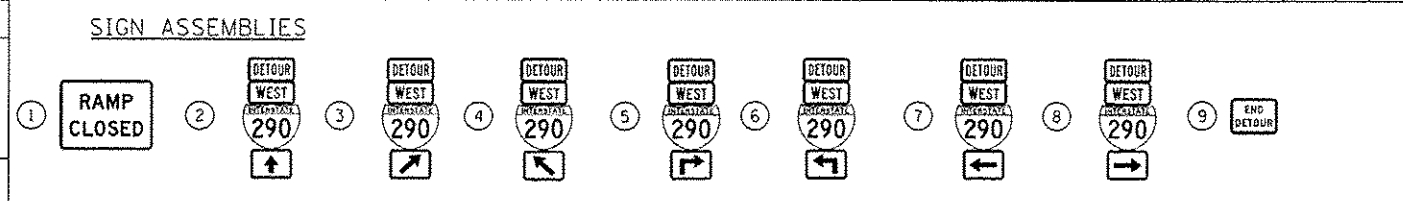
- TRAFFIC CONTROL NOTES**
1. PRIMARY DETOUR ROUTE: CONTINUE ON I-90/94 E TO 18TH ST, RETURN NORTH ONTO I-90/94 W TO RAMP NW TO ACCESS I-290 W.
 2. DETOUR TO BE USED WHEN ROOSEVELT NB ENTRANCE TO I-90/94 IS CLOSED.
 3. DETOUR SIGNING MUST BE INSTALLED PRIOR TO CLOSURE RAMP SW.
 4. RAMP CLOSURE SHALL FOLLOW THE LATEST VERSION OF THE IDOT HIGHWAY STANDARDS AND DISTRICT 1 STANDARD DETAIL TC-08. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION.
 5. PLACEMENT AND SPACING OF SIGNS AND BARRICADES SHALL BE IN ACCORDANCE WITH IDOT DISTRICT 1 STANDARD DETAIL TC-08 AND TC-21.
 6. ALL DETOUR SIGNS SHALL HAVE AN ORANGE BACKGROUND WITH BLACK LETTERS.
 7. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
 8. THE COST OF SUPPLYING, ERECTING AND MAINTAINING BARRICADES, WARNING LIGHTS AND STANDARD SIGNS ALONG ALL DETOUR ROUTES SHALL BE INCLUDED IN THE CONTRACT COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
 9. THIS DETOUR CAN ONLY BE USED ON TWO (2), 8-HOUR (MAXIMUM) WEEKENDS CLOSURE OF RAMP SW TO COMPLETE PROPOSED WATER MAIN CONNECTION IN STAGE 1 TO THE EXTENT SHOWN ON THE PLANS AND DURING GIRDER ERECTION. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS AND THE SPECIAL PROVISION "GIRDER ERECTION INFORMATION AND RESTRICTIONS" FOR ADDITIONAL INFORMATION.



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

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

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



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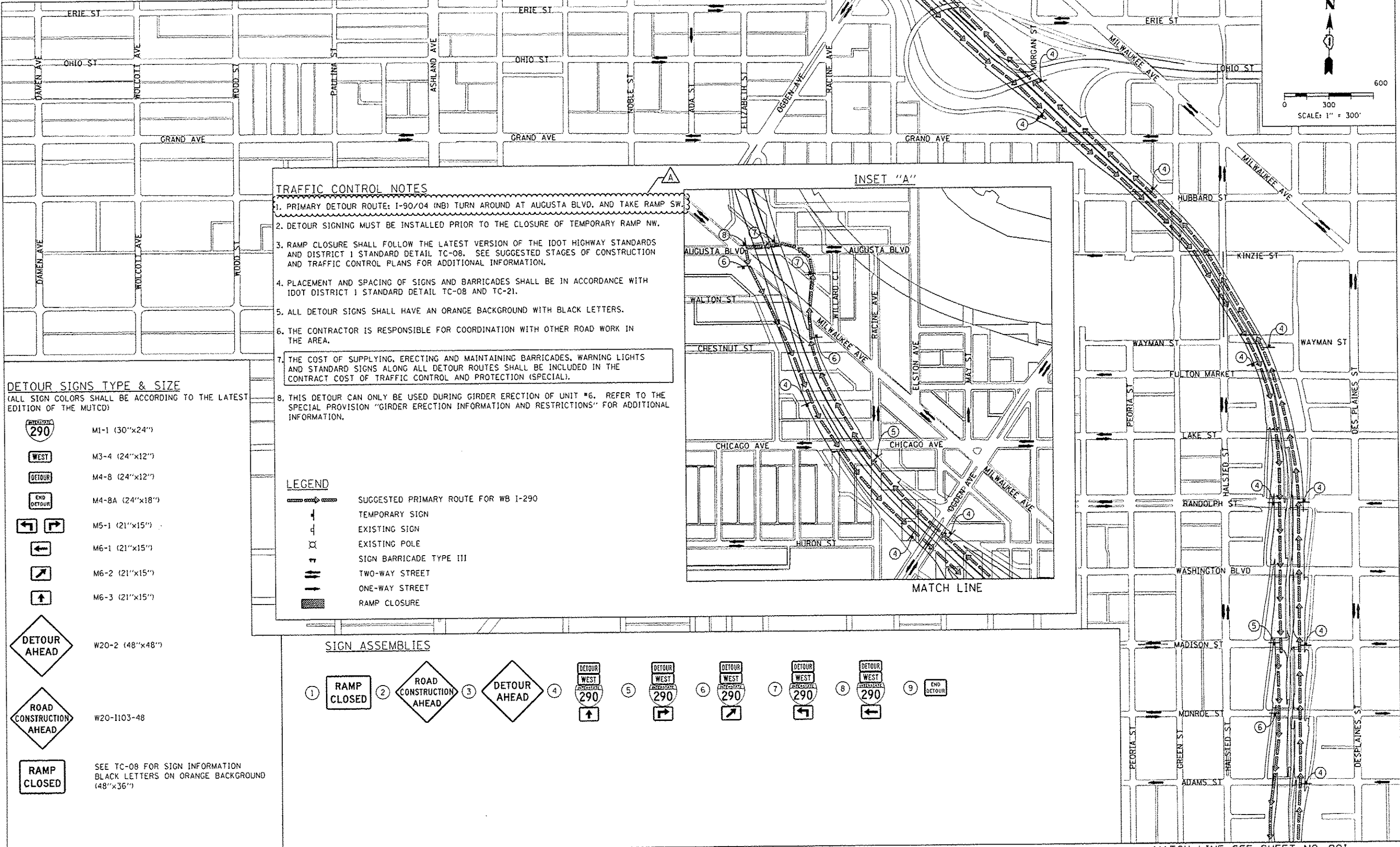
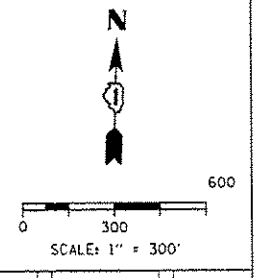
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DRAWN - AFC	REVISED -
CHECKED - KCF	REVISED -
DATE - 04/28/14	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DETOUR PLAN
 RAMP SW (ROOSEVELT NB ENTRANCE CLOSED)
 SCALE: 1" = 300' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-010R	COUNTY COOK	TOTAL SHEETS 747	SHEET NO. B7A
CONTRACT NO. 60W2B				ILLINOIS FED. AID PROJECT

MATCH LINE SEE INSET "A"



- TRAFFIC CONTROL NOTES**
1. PRIMARY DETOUR ROUTE: I-90/04 (NB) TURN AROUND AT AUGUSTA BLVD. AND TAKE RAMP SW.
 2. DETOUR SIGNING MUST BE INSTALLED PRIOR TO THE CLOSURE OF TEMPORARY RAMP NW.
 3. RAMP CLOSURE SHALL FOLLOW THE LATEST VERSION OF THE IDOT HIGHWAY STANDARDS AND DISTRICT 1 STANDARD DETAIL TC-08. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION.
 4. PLACEMENT AND SPACING OF SIGNS AND BARRICADES SHALL BE IN ACCORDANCE WITH IDOT DISTRICT 1 STANDARD DETAIL TC-08 AND TC-21.
 5. ALL DETOUR SIGNS SHALL HAVE AN ORANGE BACKGROUND WITH BLACK LETTERS.
 6. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
 7. THE COST OF SUPPLYING, ERECTING AND MAINTAINING BARRICADES, WARNING LIGHTS AND STANDARD SIGNS ALONG ALL DETOUR ROUTES SHALL BE INCLUDED IN THE CONTRACT COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
 8. THIS DETOUR CAN ONLY BE USED DURING GIRDER ERECTION OF UNIT #6. REFER TO THE SPECIAL PROVISION "GIRDER ERECTION INFORMATION AND RESTRICTIONS" FOR ADDITIONAL INFORMATION.

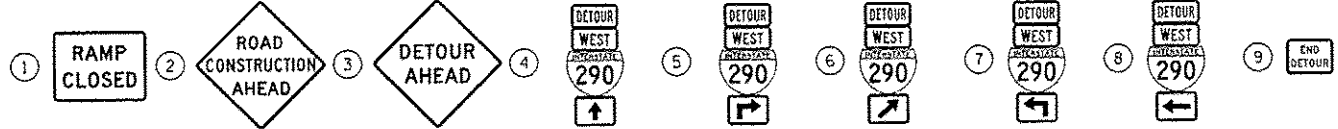
DETOUR SIGNS TYPE & SIZE
(ALL SIGN COLORS SHALL BE ACCORDING TO THE LATEST EDITION OF THE MUTCD)

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

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

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

SIGN ASSEMBLIES



MATCH LINE SEE SHEET NO. 901



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USER NAME: brossj
PLOT SCALE: 600.0000 / in.
PLOT DATE: 5/27/2014

DESIGNED - AFC	REVISED - 05/27/2014
DRAWN - AFC	REVISED -
CHECKED - KCF	REVISED -
DATE - 4/28/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETOUR PLAN
TEMPORARY RAMP NW (GIRDER ERECTION)

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

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

FILE PATH: C:\Projects\68W28-hnt-DeTour-148.dgn

TRAFFIC CONTROL NOTES

1. PRIMARY DETOUR ROUTE: TAKE RAMP SW TO I-290 WB, EXIT AT ASHLAND AVE, RETURN EASTBOUND ON I-290, USE RAMP ES TO ACCESS EB I-90/94 (SB)
2. SOUTHBOUND ENTRANCE RAMP AT LAKE STREET, RANDOLPH ST, AND MADISON STREET ARE TO BE CLOSED. TRAFFIC IS TO BE DETOURED ALONG HALSTED ST AND DES PLAINES ST
3. EASTBOUND I-290 ENTRANCE RAMP FROM ASHLAND IS TO BE CLOSED.
4. EASTBOUND I-290 EXIT RAMP TO RACINE AVE IS TO BE CLOSED.
5. NORTHBOUND ASHLAND AVE TRAFFIC IS TO BE DETOURED TO LOOMIS ST.
6. WESTBOUND I-290 ENTRANCE RAMP FROM RACINE AVE IS TO BE CLOSED.
7. WESTBOUND ASHLAND AVE EXIT IS TO BE CLOSED TO ALL I-290 TRAFFIC, THIS MOVEMENT WILL ONLY BE OPEN TO DETOURED EB I-90/94 (SB) TRAFFIC.
8. EASTBOUND CONGRESS PARKWAY IS TO BE CLOSED AT ASHLAND AVE.
9. DETOUR SIGNING MUST BE INSTALLED PRIOR TO THE CLOSURE OF EB I-90/94 (SB).
10. ROAD CLOSURE SHALL FOLLOW THE LATEST VERSION OF THE IDOT HIGHWAY STANDARDS AND DISTRICT 1 STANDARD DETAIL TC-08. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION.
11. PLACEMENT AND SPACING OF SIGNS AND BARRICADES SHALL BE IN ACCORDANCE WITH IDOT DISTRICT 1 STANDARD DETAIL TC-08 AND TC-21.
12. ALL DETOUR SIGNS SHALL HAVE AN ORANGE BACKGROUND WITH BLACK LETTERS.
13. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
14. THE COST OF SUPPLYING, ERECTING AND MAINTAINING BARRICADES, WARNING LIGHTS AND STANDARD SIGNS ALONG ALL DETOUR ROUTES SHALL BE INCLUDED IN THE CONTRACT COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
15. THIS DETOUR CAN ONLY BE USED DURING GIRDER ERECTION. REFER TO THE SPECIAL PROVISIONS "GIRDER ERECTION INFORMATION AND RESTRICTIONS" FOR ADDITIONAL INFORMATION.

LEGEND

- SUGGESTED PRIMARY ROUTE FOR EB I-90/94 (SB)
- SECONDARY CLOSURES AND DETOURS NECESSARY TO FACILITATE PRIMARY DETOUR
- TEMPORARY SIGN
- EXISTING SIGN
- EXISTING POLE
- SIGN BARRICADE TYPE III
- TWO-WAY STREET
- ONE-WAY STREET
- RAMP CLOSURE

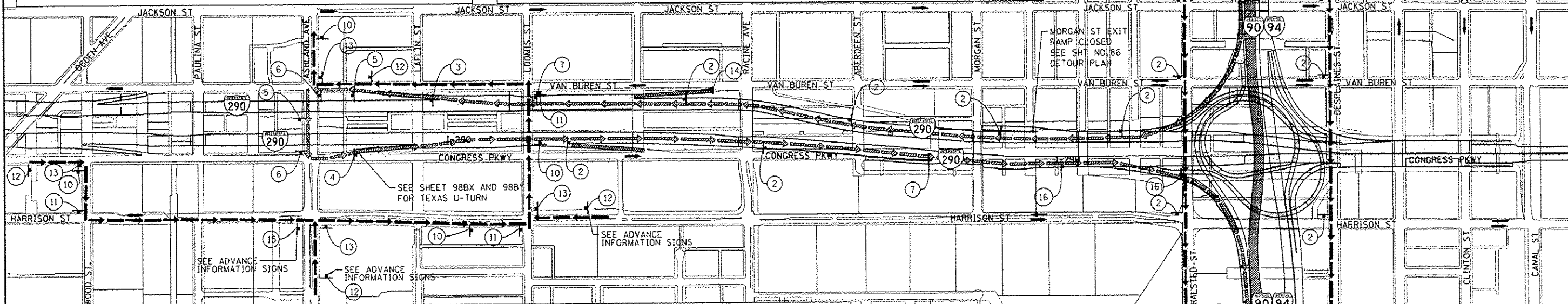
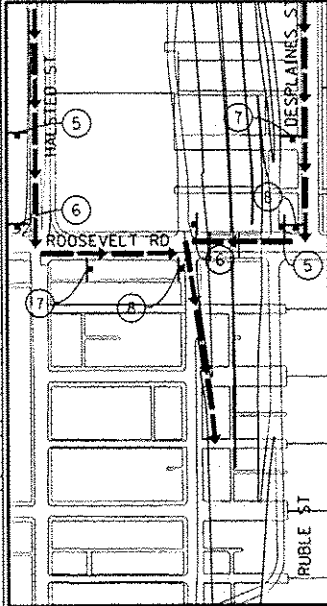
DETOUR SIGNS TYPE & SIZE

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

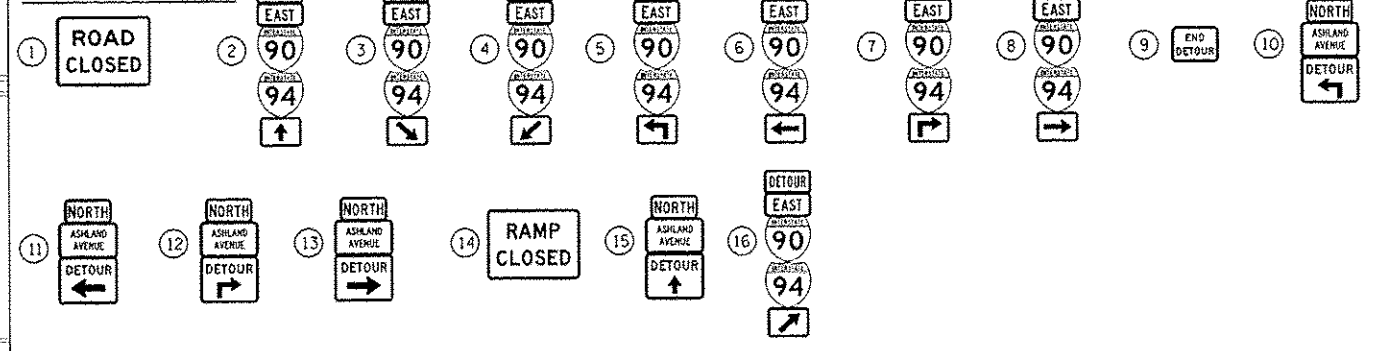
- MI-1 (24"x24")
- EAST M3-2 (24"x12")
- NORTH M3-1 (24"x12")
- DETOUR M4-8 (24"x12")
- END DETOUR M4-8A (24"x18")
- M5-1 (21"x15")
- M6-1 (21"x15")
- M6-2 (21"x15")
- M6-3 (21"x15")
- DETOUR AHEAD W20-2 (48"x48")
- ROAD CONSTRUCTION AHEAD W20-1103-48
- ROAD CLOSED AHEAD W20-3-48

- RAMP CLOSED SEE TC-08 FOR SIGN INFORMATION BLACK LETTERS ON ORANGE BACKGROUND (48"x36")
- ROAD CLOSED R11-2 SEE TC-21 FOR SIGN INFORMATION (48"x30")
- DETOUR M4-9R (30"x24")
- DETOUR M4-9L (30"x24")
- M4-9 (30"x24")
- CUSTOM SPECIAL - LOCAL ROAD BLACK LETTERS ON ORANGE BACKGROUND (30"x18")

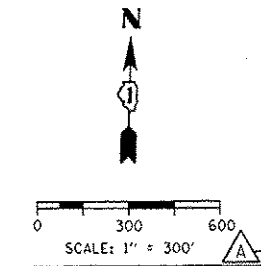
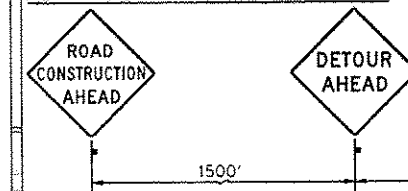
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SIGN ASSEMBLIES



ADVANCE INFORMATION SIGNS

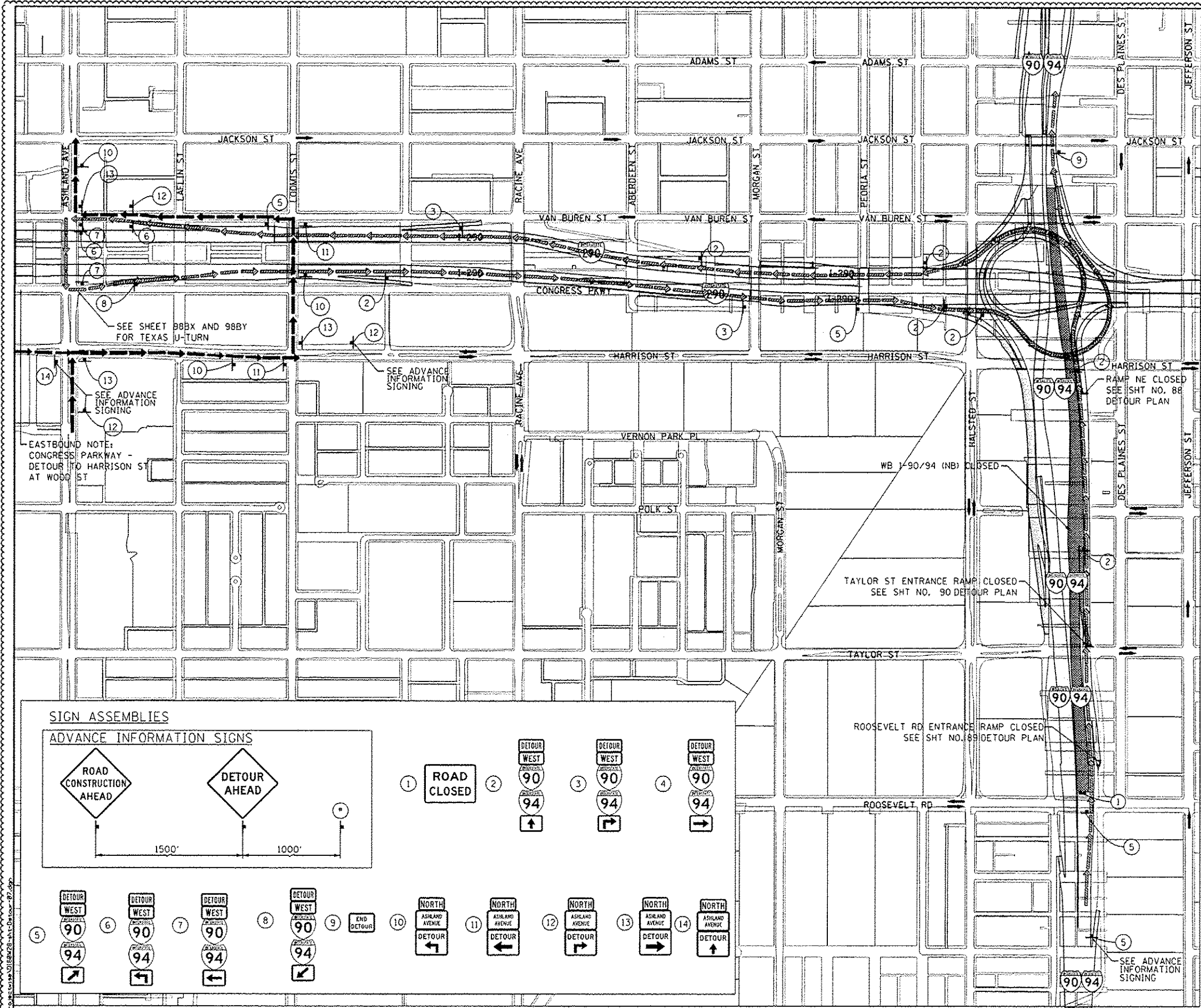


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	DATE - 04/28/14	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETOUR PLAN EB I-90/94 (SB)	
SCALE: 1" = 300'	SHEET 1 OF 1 SHEETS STA. TO STA.

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

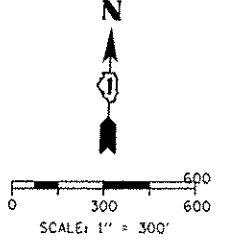


TRAFFIC CONTROL NOTES

1. PRIMARY DETOUR ROUTE: TAKE RAMP NW TO I-290 WB. EXIT AT ASHLAND AVE. AND USE TEXAS U-TURN TO I-290 (EB) TO RAMP EN.
2. DETOUR SIGNING MUST BE INSTALLED PRIOR TO CLOSURE OF WB I-90/94 (NB).
3. ROAD CLOSURE SHALL FOLLOW THE LATEST VERSION OF THE IDOT HIGHWAY STANDARDS AND DISTRICT 1 STANDARD DETAIL TC-08. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION.
4. PLACEMENT AND SPACING OF SIGNS AND BARRICADES SHALL BE IN ACCORDANCE WITH IDOT DISTRICT 1 STANDARD DETAIL TC-08 AND TC-21.
5. ALL DETOUR SIGNS SHALL HAVE AN ORANGE BACKGROUND WITH BLACK LETTERS.
6. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
7. THE COST OF SUPPLYING, ERECTING AND MAINTAINING BARRICADES, WARNING LIGHTS AND STANDARD SIGNS ALONG ALL DETOUR ROUTES SHALL BE INCLUDED IN THE CONTRACT COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
8. THIS DETOUR CAN ONLY BE USED DURING GIRDER ERECTION. REFER TO SPECIAL PROVISION "GIRDER ERECTION INFORMATION AND RESTRICTIONS" FOR ADDITIONAL INFORMATION.
9. DETOUR SIGNING SHALL BE INSTALLED ACCORDING TO DETOUR PLAN - TAYLOR STREET ENTRANCE RAMP OF THE SUGGESTED PRIMARY ROUTE FOR WB I-90/94 (NB). SEE SHEET NO. 90.
10. ADDITIONAL CLOSURES/DETOURS REQUIRED:
 - A. NB ASHLAND AVE BETWEEN VAN BUREN ST AND HARRISON ST.
 - B. EB CONGRESS PARKWAY EAST OF ASHLAND
 - C. RACINE AVE ENTRANCE RAMP TO I-290 (WB)

LEGEND

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

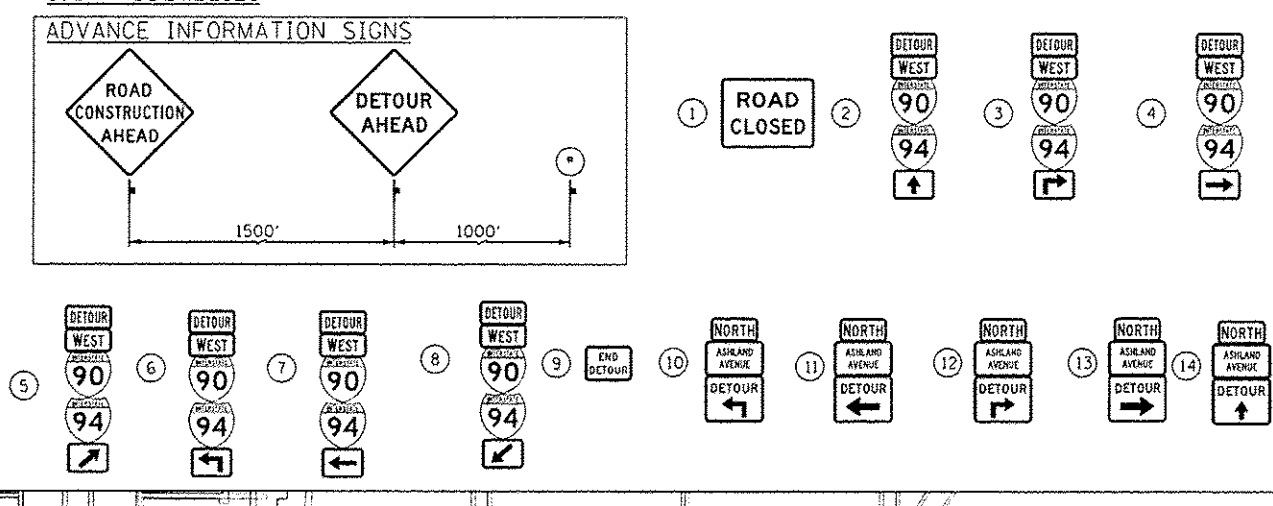


DETOUR SIGNS TYPE & SIZE

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

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

SIGN ASSEMBLIES

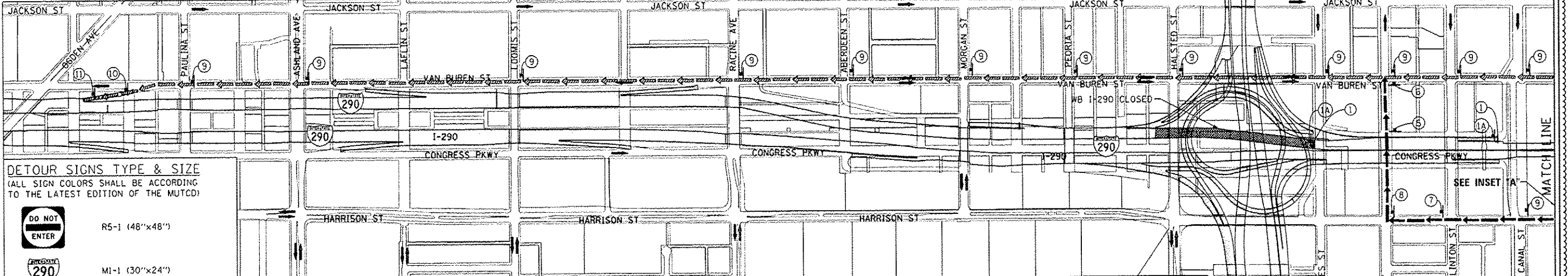


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PLOT DATE - 5/27/2014	DATE - 4/28/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETOUR PLAN
WB I-90/94 (NB) (GIRDER ERECTION)
SCALE: 1" = 300' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	908
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	



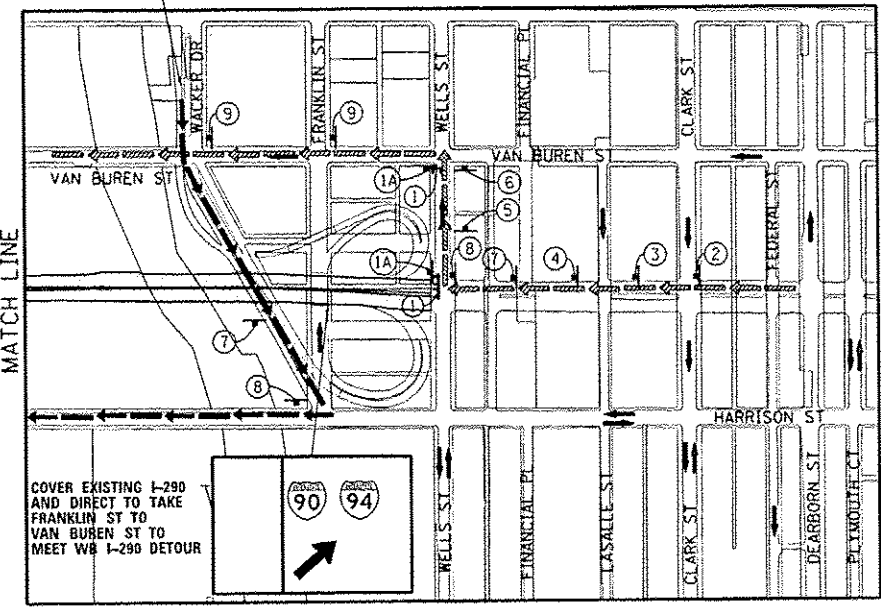
DETOUR SIGNS TYPE & SIZE
 (ALL SIGN COLORS SHALL BE ACCORDING TO THE LATEST EDITION OF THE MUTCD)

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

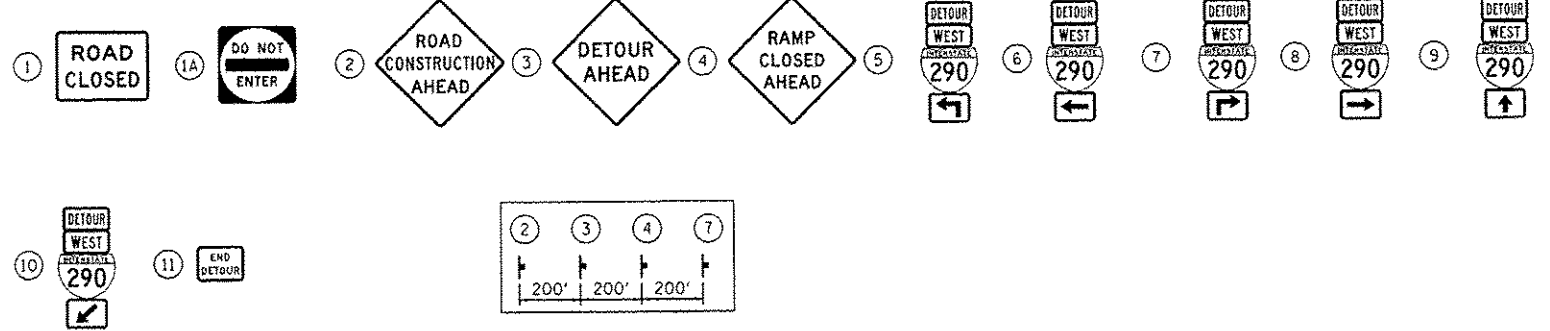
TRAFFIC CONTROL NOTES

1. PRIMARY DETOUR: TURN RIGHT ON WELLS ST. AND LEFT ON VAN BUREN ST. UNTIL PAULINA ST. ENTRANCE ONTO WB I-290.
2. DETOUR SIGNING MUST BE INSTALLED PRIOR TO CLOSURE OF WB I-290.
3. ROAD CLOSURE SHALL FOLLOW THE LATEST VERSION OF THE IDOT HIGHWAY STANDARDS AND DISTRICT 1 STANDARD DETAIL TC-08. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION.
4. PLACEMENT AND SPACING OF SIGNS AND BARRICADES SHALL BE IN ACCORDANCE WITH IDOT DISTRICT 1 STANDARD DETAIL TC-08 AND TC-21.
5. ALL DETOUR SIGNS SHALL HAVE AN ORANGE BACKGROUND WITH BLACK LETTERS.
6. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
7. THE COST OF SUPPLYING, ERECTING AND MAINTAINING BARRICADES, WARNING LIGHTS AND STANDARD SIGNS ALONG ALL DETOUR ROUTES SHALL BE INCLUDED IN THE CONTRACT COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
8. THIS DETOUR CAN ONLY BE USED DURING GIRDER ERECTION. REFER TO THE SPECIAL PROVISION "GIRDER ERECTION INFORMATION AND RESTRICTIONS" FOR ADDITIONAL INFORMATION.
9. SECONDARY DETOUR: FROM LOWER WACKER DR. TURN RIGHT ON HARRISON ST. THEN RIGHT ON JEFFERSON ST. AND LEFT ONTO VAN BUREN ST.
10. ADDITIONAL CLOSURES/DETOURS REQUIRED:
 - A. LOWER WACKER ENTRANCE TO WB I-290.
 - B. FRANKLIN ST ACCESS TO WB I-290.
 - C. REVERSE ONE-WAY FLOW OF WELLS ST. BETWEEN CONGRESS PARKWAY AND VAN BUREN ST.

COVER EXISTING I-290 ON LOWER WACKER AND DIRECT TO TAKE UPPER WACKER TO HARRISON STREET

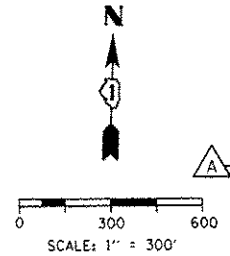


SIGN ASSEMBLIES



LEGEND

- SUGGESTED PRIMARY ROUTE FOR WB I-290
- SECONDARY CLOSURES AND DETOURS NECESSARY TO FACILITATE PRIMARY DETOUR
- TEMPORARY SIGN
- EXISTING SIGN
- EXISTING POLE
- SIGN BARRICADE TYPE III
- TWO-WAY STREET
- ONE-WAY STREET
- RAMP CLOSURE



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D160W28-sh1-Detour-88.dgn
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 PLOT DATE: 5/27/2014

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

REVISED - 05/27/2014
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

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

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

TRAFFIC CONTROL NOTES

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



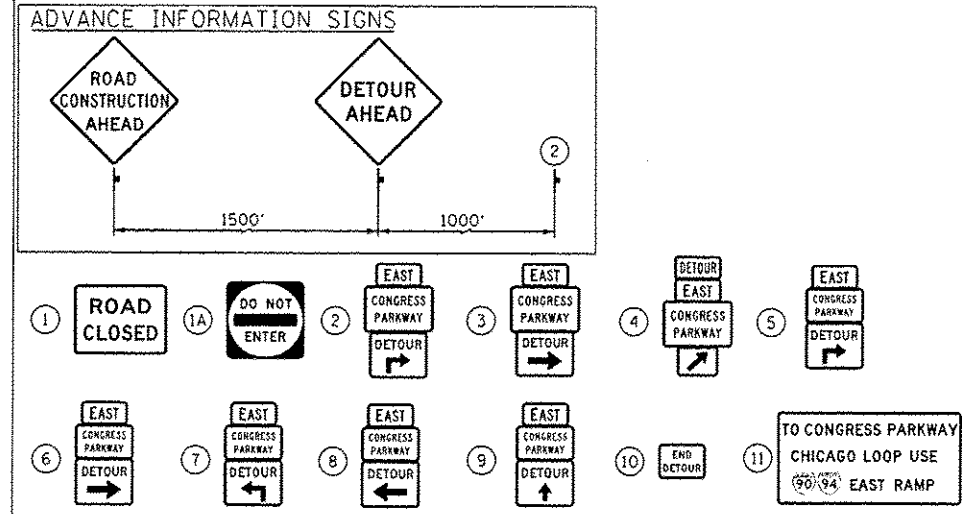
DETOUR SIGNS TYPE & SIZE

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

	R5-1 (48"x48")		W20-2 (48"x48")
	R11-2 SEE TC-21 FOR SIGN INFORMATION (48"x30")		W20-1103-48
	M3-2 (24"x12")		
	M4-8A (24"x18")		
	M4-9R (30"x24")		CUSTOM SPECIAL - LOCAL ROAD BLACK LETTERS ON ORANGE BACKGROUND (30"x18")
	M4-9L (30"x24")		CUSTOM SPECIAL - INTERSTATE BLACK LETTERS ON ORANGE BACKGROUND (36"x24")
	M4-9 (30"x24")		CUSTOM SPECIAL - INTERSTATE BLACK LETTERS ON ORANGE BACKGROUND (96"x48")
	M6-2A (21"x15")		

* TO BE PAID FOR AS TEMPORARY INFORMATION SIGNING

SIGN ASSEMBLIES



LEGEND

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

SCALE: 1" = 300'



D:\60W28-sh1-Detour-08.dgn
 USER NAME: brossaj
 PLOT SCALE: 600.0000' / in.
 PLOT DATE: 5/27/2014

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

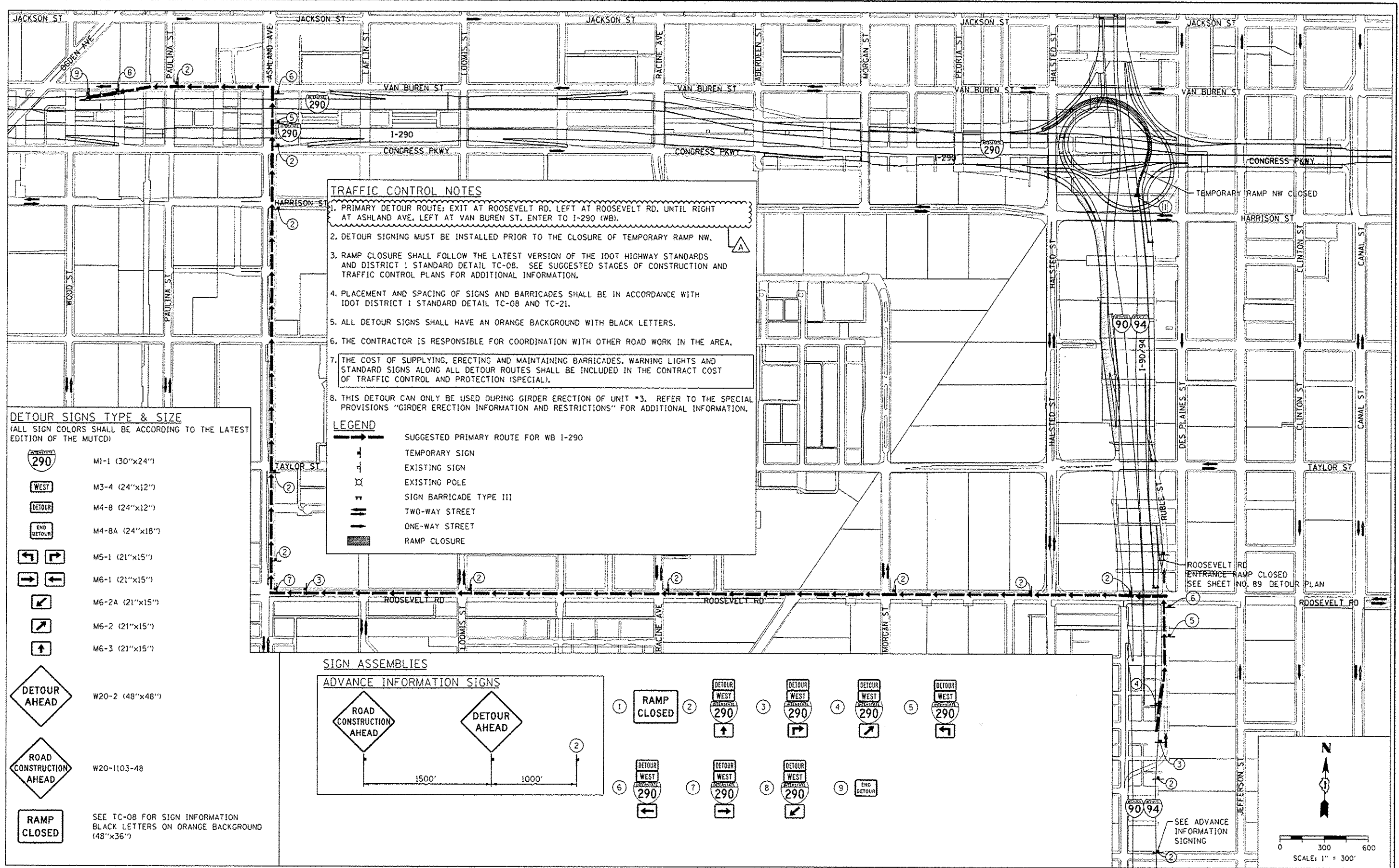
REVISED - 05/27/2014
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DETOUR PLAN
EB I-290 (GIRDER ERECTION)

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	900
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	



TRAFFIC CONTROL NOTES

1. PRIMARY DETOUR ROUTE; EXIT AT ROOSEVELT RD. LEFT AT ROOSEVELT RD. UNTIL RIGHT AT ASHLAND AVE. LEFT AT VAN BUREN ST. ENTER TO I-290 (WB).
2. DETOUR SIGNING MUST BE INSTALLED PRIOR TO THE CLOSURE OF TEMPORARY RAMP NW.
3. RAMP CLOSURE SHALL FOLLOW THE LATEST VERSION OF THE IDOT HIGHWAY STANDARDS AND DISTRICT 1 STANDARD DETAIL TC-08. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION.
4. PLACEMENT AND SPACING OF SIGNS AND BARRICADES SHALL BE IN ACCORDANCE WITH IDOT DISTRICT 1 STANDARD DETAIL TC-08 AND TC-21.
5. ALL DETOUR SIGNS SHALL HAVE AN ORANGE BACKGROUND WITH BLACK LETTERS.
6. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
7. THE COST OF SUPPLYING, ERECTING AND MAINTAINING BARRICADES, WARNING LIGHTS AND STANDARD SIGNS ALONG ALL DETOUR ROUTES SHALL BE INCLUDED IN THE CONTRACT COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
8. THIS DETOUR CAN ONLY BE USED DURING GIRDER ERECTION OF UNIT #3. REFER TO THE SPECIAL PROVISIONS "GIRDER ERECTION INFORMATION AND RESTRICTIONS" FOR ADDITIONAL INFORMATION.

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

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

LEGEND

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

SIGN ASSEMBLIES

ADVANCE INFORMATION SIGNS

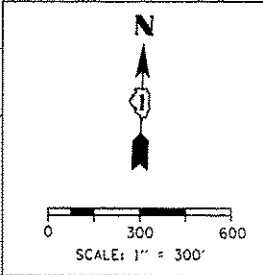
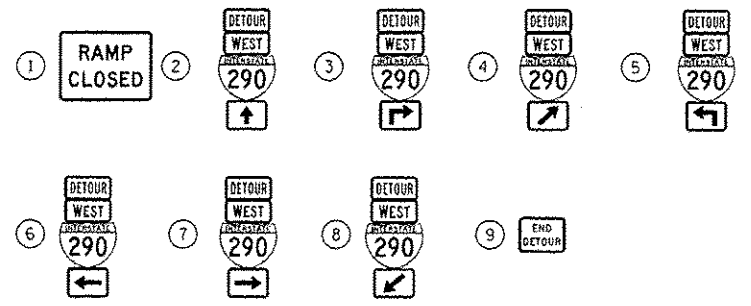
ROAD CONSTRUCTION AHEAD

DETOUR AHEAD

1500' 1000'

RAMP CLOSED

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



FILE PATH: C:\P\660628\660628.dwg



D168W28-shs-Detour-11.dgn
 USER NAME: kbrosej
 PLOT SCALE: 600,0000 1/1 in.
 PLOT DATE: 5/27/2014

DESIGNED - AFC	REVISED - 05/27/2014
DRAWN - AFC	REVISED -
CHECKED - KCF	REVISED -
DATE - 4/28/2014	REVISED -

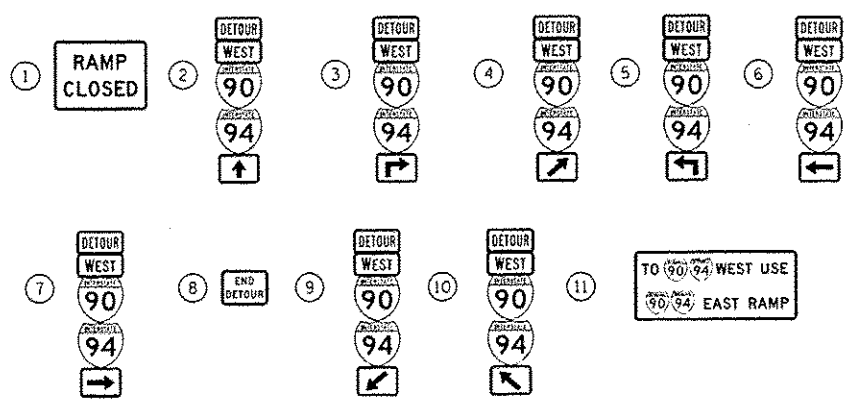
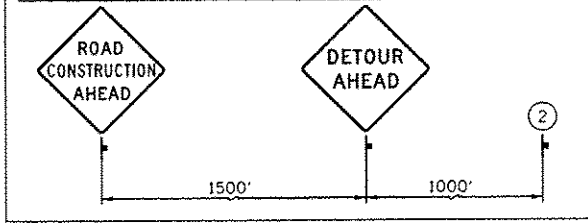
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETOUR PLAN
TEMPORARY RAMP NW (GIRDER ERECTION) IF RAMP SW CLOSED
 SCALE: 1" = 300' SHEET 1 OF 1 SHEETS STA. TO STA.

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

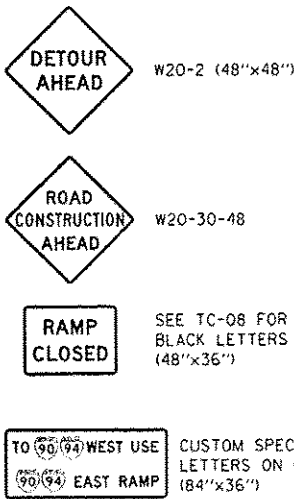
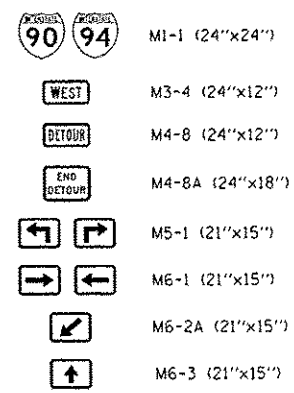
SIGN ASSEMBLIES

ADVANCE INFORMATION SIGNS



DETOUR SIGNS TYPE & SIZE

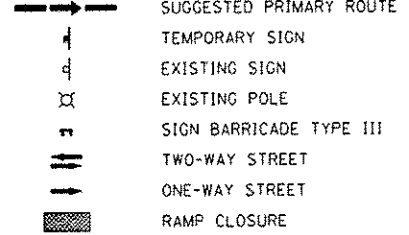
(ALL SIGN COLORS SHALL BE ACCORDING TO THE LATEST EDITION OF THE MUTCD)



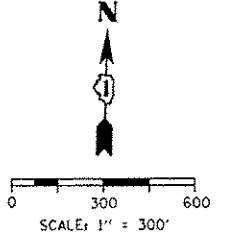
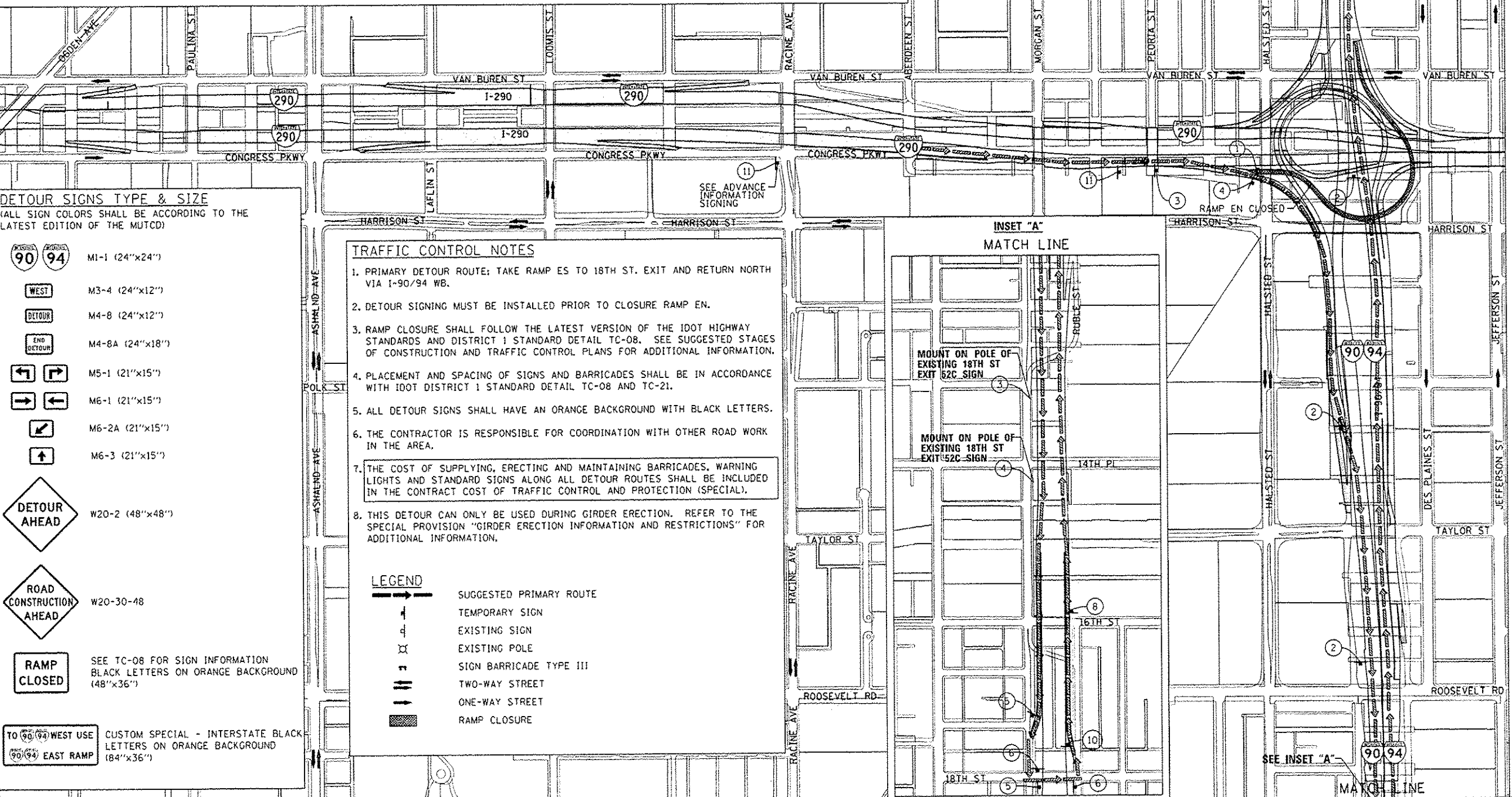
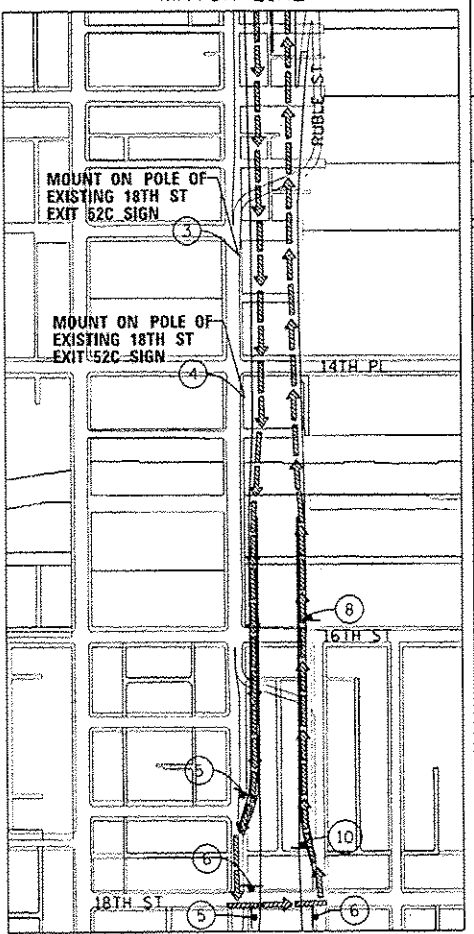
TRAFFIC CONTROL NOTES

1. PRIMARY DETOUR ROUTE: TAKE RAMP ES TO 18TH ST. EXIT AND RETURN NORTH VIA I-90/94 WB.
2. DETOUR SIGNING MUST BE INSTALLED PRIOR TO CLOSURE RAMP EN.
3. RAMP CLOSURE SHALL FOLLOW THE LATEST VERSION OF THE IDOT HIGHWAY STANDARDS AND DISTRICT 1 STANDARD DETAIL TC-08. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION.
4. PLACEMENT AND SPACING OF SIGNS AND BARRICADES SHALL BE IN ACCORDANCE WITH IDOT DISTRICT 1 STANDARD DETAIL TC-08 AND TC-21.
5. ALL DETOUR SIGNS SHALL HAVE AN ORANGE BACKGROUND WITH BLACK LETTERS.
6. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
7. THE COST OF SUPPLYING, ERECTING AND MAINTAINING BARRICADES, WARNING LIGHTS AND STANDARD SIGNS ALONG ALL DETOUR ROUTES SHALL BE INCLUDED IN THE CONTRACT COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
8. THIS DETOUR CAN ONLY BE USED DURING GIRDER ERECTION. REFER TO THE SPECIAL PROVISION "GIRDER ERECTION INFORMATION AND RESTRICTIONS" FOR ADDITIONAL INFORMATION.

LEGEND



INSET "A" MATCH LINE



DESIGNED - AFC	REVISED - 05/27/2014
DRAWN - NSA	REVISED -
CHECKED - KCF	REVISED -
DATE - 4/28/2014	REVISED -

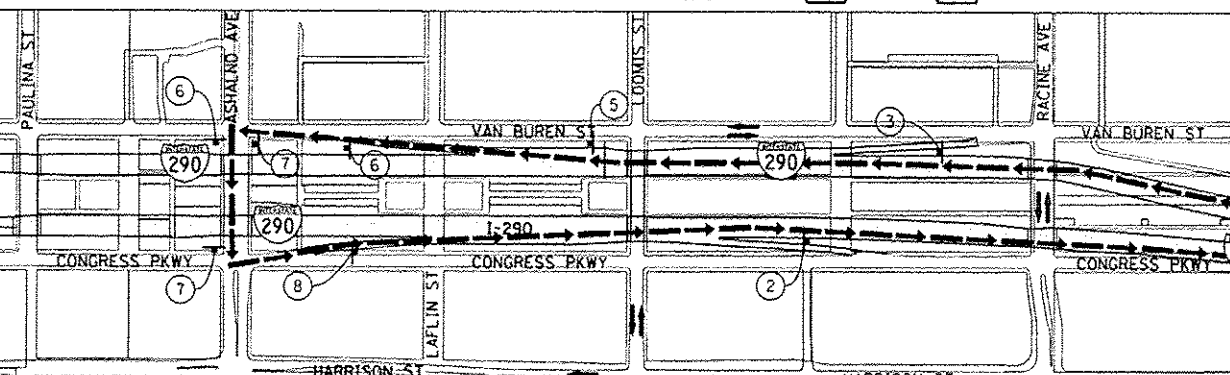
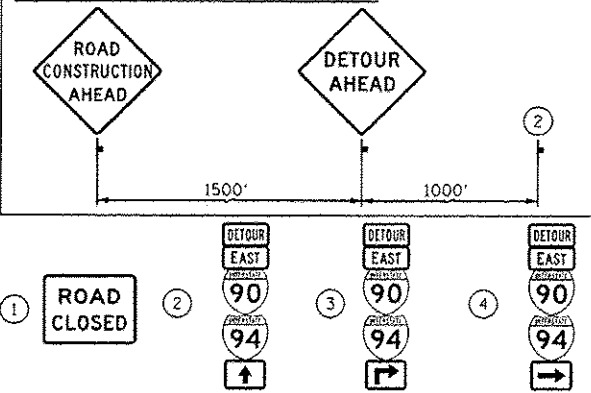
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PLOT DATE - 5/27/2014	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETOUR PLAN		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
RAMP EN (GIRDER ERECTION)		90/94/290	2013-010R	COOK	747	90G
SCALE: 1" = 300'		SHEET 1 OF 1 SHEETS		CONTRACT NO. 60W28		
STA. TO STA.		ILLINOIS FED. AID PROJECT				

SIGN ASSEMBLIES

ADVANCE INFORMATION SIGNS



DETOUR SIGNS TYPE & SIZE

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

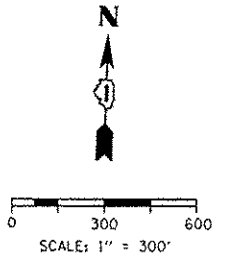
- M1-1 (24"x24")
- M3-2 (24"x12")
- M4-8 (24"x12")
- M5-1 (21"x15")
- M6-1 (21"x15")
- M6-3 (21"x15")
- M6-2A (21"x15")
- M4-8A (24"x18")
- W20-2 (48"x48")
- W20-30-48
- W20-1103-48
- SEE TC-08 FOR SIGN INFORMATION
BLACK LETTERS ON ORANGE BACKGROUND
(48"x36")

TRAFFIC CONTROL NOTES

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

LEGEND

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



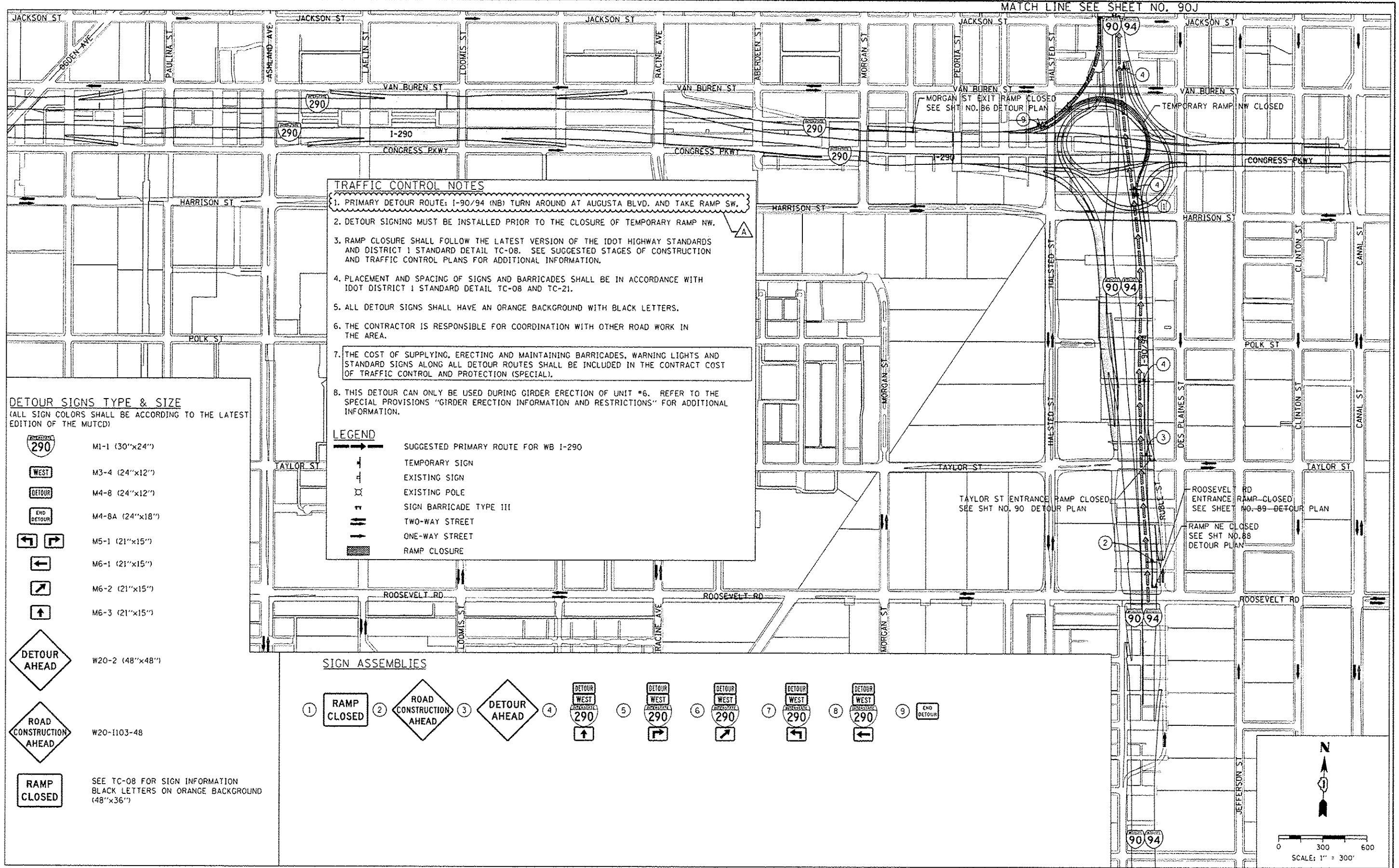
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PLOT DATE = 5/27/2014	DATE - 04/28/14	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETOUR PLAN
RAMP WS (PIER CONSTRUCTION AND GIRDER ERECTION)**
SCALE: 1" = 300' SHEET 1 OF 1 SHEETS STA. TO STA.

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

MATCH LINE SEE SHEET NO. 90J



TRAFFIC CONTROL NOTES

1. PRIMARY DETOUR ROUTE: I-90/94 (NB) TURN AROUND AT AUGUSTA BLVD. AND TAKE RAMP SW.
2. DETOUR SIGNING MUST BE INSTALLED PRIOR TO THE CLOSURE OF TEMPORARY RAMP NW.
3. RAMP CLOSURE SHALL FOLLOW THE LATEST VERSION OF THE IDOT HIGHWAY STANDARDS AND DISTRICT 1 STANDARD DETAIL TC-08. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION.
4. PLACEMENT AND SPACING OF SIGNS AND BARRICADES SHALL BE IN ACCORDANCE WITH IDOT DISTRICT 1 STANDARD DETAIL TC-08 AND TC-21.
5. ALL DETOUR SIGNS SHALL HAVE AN ORANGE BACKGROUND WITH BLACK LETTERS.
6. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
7. THE COST OF SUPPLYING, ERECTING AND MAINTAINING BARRICADES, WARNING LIGHTS AND STANDARD SIGNS ALONG ALL DETOUR ROUTES SHALL BE INCLUDED IN THE CONTRACT COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
8. THIS DETOUR CAN ONLY BE USED DURING GIRDER ERECTION OF UNIT #6. REFER TO THE SPECIAL PROVISIONS "GIRDER ERECTION INFORMATION AND RESTRICTIONS" FOR ADDITIONAL INFORMATION.

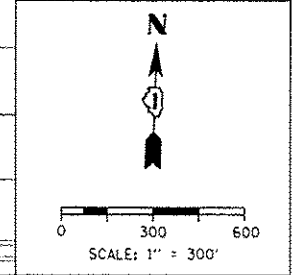
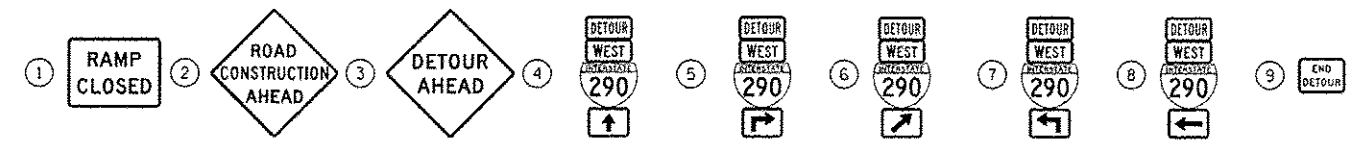
LEGEND

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

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

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

SIGN ASSEMBLIES



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DIGW28-sh-Detour-14a.dgn
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DESIGNED - AFC	REVISED - 05/27/2014
DRAWN - AFC	REVISED -
CHECKED - KCF	REVISED -
DATE - 4/28/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETOUR PLAN
TEMPORARY RAMP NW (GIRDER ERECTION)

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

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

TRAFFIC CONTROL GENERAL NOTES

1. TRAFFIC CONTROL AND PROTECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE SPECIAL PROVISIONS AND 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 SHALL BE IN ACCORDANCE WITH THE SPECIAL PROVISIONS.
11. REPAIRS TO EXISTING RETAINING WALL #2 (SN 016-Z024) MUST BE COMPLETED PRIOR TO CONSTRUCTION OF THE ADJACENT RETAINING WALL #1 (SN 016-1720). SEE STRUCTURAL PLANS FOR REPAIR OF RETAINING WALL #2 INFORMATION.
12. STAGE 3A LANE RESTRICTIONS MUST NOT COMMENCE UNTIL CONTRACT 60W26 AND CONTRACT 60W29 LANE RESTRICTIONS ARE REMOVED. COORDINATION WITH CONTRACT 60W26 AND CONTRACT 60W29 IS REQUIRED. SEE MAINTENANCE OF TRAFFIC PLAN DETAILS FOR MORE INFORMATION.
13. ALL I.T.S. RAMP METERING AND DETECTION MUST BE COMPLETED PRIOR TO THE OPENING OF THE ASSOCIATED IMPACTED RAMP TO TRAFFIC.
14. CONSTRUCTION OF THE 78" MAIN DRAIN SEWER SEGMENT "P-M01A" VIA PIPE JACKING AND BORING MUST BE COMPLETED PRIOR TO CONSTRUCTION OF RETAINING WALL #3.
15. THE CLOSURE AND REMOVAL OF EXISTING RAMP NW (AS SHOWN IN STAGE 4 OF THE MAINTENANCE OF TRAFFIC PLAN DETAILS) MUST NOT COMMENCE UNTIL:
 - o NEW RAMP NW FLYOVER HAS BEEN COMPLETED AND OPENED TO TRAFFIC, AND,
 - o CONTRACT 60X61 HAS BEEN SUBSTANTIALLY COMPLETED INCLUDING THE OPENING TO TRAFFIC OF THE RAMP NW FLYOVER AUXILIARY LANES ALONG I-290 WB.
16. FOR BEAM ERECTION INFORMATION AND RESTRICTIONS, SEE SPECIAL PROVISIONS AND MAINTENANCE OF TRAFFIC PLAN DETAILS
17. UNLESS OTHERWISE NOTED IN THE SPECIAL PROVISIONS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER 28 DAYS PRIOR TO ANY ANTICIPATED CLOSURES.
18. A MINIMUM 11' LANE WIDTH SHALL BE MAINTAINED ON ALL INTERSTATE LANES OPEN TO TRAFFIC DURING CONSTRUCTION.
19. OFFSETS BETWEEN THE EDGE OF TRAVEL LANE AND THE FACE OF TEMPORARY CONCRETE BARRIER ARE ASSUMED TO BE 1 FT UNLESS DESIGNATED OTHERWISE.
20. 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.
21. 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.
22. 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.
23. MAINTAIN ACCESS TO FIRE HYDRANTS, BUILDING STANDPIPES AND OTHER EMERGENCY FACILITIES WITHIN THE CONSTRUCTION ZONE.

24. THE CONTRACTOR SHALL COORDINATE WORK WITH PRIVATE UTILITY COMPANIES AND THEIR CONTRACTORS FOR ADJUSTMENTS, SUPPORTS, AND RELOCATION. UTILITY WORK WILL GENERALLY BE CONDUCTED PRIOR TO ROADWAY WORK, BUT CERTAIN ITEMS MAY NEED TO PROCEED IN CONCERT WITH CONSTRUCTION OPERATIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT AFFECTED UTILITIES AND COORDINATE WORK WITHIN THE CONSTRUCTION SCHEDULE. THE EFFORT OF WHICH WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT. A LIST OF UTILITY CONTACTS IS LOCATED WITHIN THE SPECIFICATIONS.

25. 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.

26. 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.

27. SIGN W21-1c SHALL BE TAKEN DOWN WHEN THE WORKERS ARE NOT PRESENT.

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

29. 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).

30. 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.

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

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













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

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

35. THE CONTRACTOR SHALL ONLY SET UP AND STORE EQUIPMENT DURING CONSTRUCTION AT THE SUGGESTED STAGING AREAS AS SHOWN IN THE PLANS OR AS APPROVED BY THE ENGINEER. THE SUGGESTED STAGING AREAS SHOWN IN THE PLANS ARE SUBJECT TO FIELD MODIFICATION AS DETERMINED BY THE ENGINEER. THE SUGGESTED STAGING AREAS MAY BE SHARED WITH OTHER ADJACENT CONTRACTS WHICH MAY BE UNDER CONSTRUCTION DURING THE DURATION OF THIS PROJECT. CONTRACTOR COOPERATION IS REQUIRED.

36. ALL TEMPORARY INFORMATION SIGNS SHALL HAVE A BLACK LEGEND AND BORDER ON A FLUORESCENT ORANGE REFLECTORIZED BACKGROUND.

LEGEND:

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

NOTE:
BOXED ITEMS ARE INCLUDED IN THE COST OF THE CONTRACT.



D:\60W28-sbt-Staging-Notes-01.dgn	DESIGNED -	REVISED -	5/27/2014
USER: nhr/c	DRAWN -	REVISED -	
PLOT SCALE: 1/8" = 1'-0"	CHECKED -	REVISED -	
PLOT DATE: 5/25/2014	DATE -	REVISED -	04/28/14

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL - GENERAL NOTES AND LEGEND			
SCALE:	SHEET 1	OF 1	SHEETS STA. TO STA.

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

STAGING NARRATIVE

ADVANCE OF STAGE 1

MAINTENANCE OF TRAFFIC ALONG I-290 MAINLINE

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

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

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

CONSTRUCTION TO BE COMPLETED IN ADVANCE OF STAGE 1

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

STAGE 1

MAINTENANCE OF TRAFFIC ALONG I-90/94 MAINLINE

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

MAINTENANCE OF TRAFFIC ALONG I-290 MAINLINE

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

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

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

MAINTENANCE OF TRAFFIC ON MAINLINE RAMPS NEAR RAMP NW

- EXISTING RAMP NW
 - o MAINTAIN EXISTING TRAVEL LANES.
- RAMP SW
 - o MAINTAIN EXISTING TRAVEL LANES AT ALL TIMES DURING THIS PHASE EXCEPT DURING THE RAMP SW TEMPORARY WEEKEND CLOSURE. (GRADING WORK AND RETAINING WALL #40 WORK AREAS TO BE LOCATED ON NORTH SIDE OF PAVEMENT OUTSIDE OF RAMP AND SHOULDER FOOTPRINT.)
 - o TEMPORARILY CLOSE EXISTING RAMP SW JUST NORTH OF ADAMS ST. ON I-90/94 EB FOR A 54-HOUR MAXIMUM WEEKEND CLOSURE. (FOR WATER MAIN CONNECTION AND EXTENSION WORK). SEE STAGING AND INTERCHANGE RESTRICTIONS SPECIAL PROVISION.
 - o DURING TEMPORARY CLOSURE, RAMP SW TRAFFIC SHALL USE PROVIDED DETOUR AS OUTLINED IN THE PLANS.
 - o COORDINATION WITH CONTRACT 60W26 AND CONTRACT 60W29 REQUIRED.
- TAYLOR ST ENTRANCE RAMP (I-90/94 WB)
 - o MAINTAIN EXISTING LANE RESTRICTIONS PER CONTRACT 60W71.
 - o COORDINATION WITH CONTRACT 60W71 AND FUTURE CONTRACT 60W30 MAY BE REQUIRED.

STAGE 1 CONTINUED

- ROOSEVELT RD ENTRANCE RAMP (I-90/94 WB)
 - o MAINTAIN EXISTING TRAVEL LANES
- MORGAN ST EXIT RAMP (I-290 WB)
 - o MAINTAIN EXISTING RAMP CLOSURE PER CONTRACT 60W25. COORDINATION WITH CONTRACT 60W25 REQUIRED.
 - o TRAFFIC SHALL USE DETOUR PROVIDED VIA CONTRACT 60W25

MAINTENANCE OF TRAFFIC ON LOCAL STREETS

- GREEN ST
 - o USE OF ALL IMPACTED DRIVEWAYS MUST BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
 - o POSSIBLE COORDINATION WITH CONTRACT 60W26 REQUIRED.
- ROOSEVELT, TAYLOR, HARRISON, HALSTED, PEORIA AND MORGAN STREETS.
 - o MAINTAIN EXISTING TRAVEL LANES.

CONSTRUCTION TO BE COMPLETED IN STAGE 1

- BEGIN SITE GRADING ON NORTH SIDE OF I-290 WEST OF HALSTED ST. (COORDINATION WITH CONTRACT 60W26 AND CONTRACT 60W29 REQUIRED)
- BEGIN CONSTRUCTION OF RETAINING WALL #40 (SN 016-1809). (COORDINATION WITH CONTRACT 60W26 REQUIRED)
- BEGIN AND COMPLETE PROPOSED WATER MAIN CONNECTION AND EXTENSION UNDER EXISTING RAMP SW TO THE EXTENT SHOWN IN THE PLANS.
- BEGIN PROPOSED WATER MAIN AND PRECAST RISER CONSTRUCTION IN THE GREEN STREET CORRIDOR AREA (NORTH OF I-290 AND SOUTH OF I-290) TO THE EXTENT SHOWN IN THE PLANS.
- BEGIN GREEN STREET ROADWAY AND INFRASTRUCTURE REPAIRS NORTH OF I-290 (DUE TO WATER MAIN CONSTRUCTION) TO THE EXTENT SHOWN IN THE PLANS.
- ERECT PROPOSED HIGH MAST LIGHT TOWER ZCD1 AS SHOWN IN THE PLANS.
- REMOVE EXISTING HIGH MAST LIGHT TOWER ZCD1 AS SHOWN IN THE PLANS.
- BEGIN CONSTRUCTION OF PIER #6, PIER #7, PIER #8 AND PIER #9 FOR SN 016-1705. SEE SPECIAL PROVISIONS FOR PIER CONSTRUCTION INFORMATION AND RESTRICTIONS.
- CONSTRUCT EAST SIDE WB I-90/94 TEMPORARY PAVEMENT NORTH OF HARRISON ST. FOR FUTURE STAGE MAINTENANCE OF TRAFFIC OPERATIONS. (COORDINATION WITH CONTRACT 60W71 REQUIRED)

STAGE 2

MAINTENANCE OF TRAFFIC ALONG I-90/94 MAINLINE

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

MAINTENANCE OF TRAFFIC ALONG I-290 MAINLINE

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

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

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

STAGE 2 CONTINUED

MAINTENANCE OF TRAFFIC ON MAINLINE RAMPS NEAR RAMP NW

- EXISTING RAMP NW
 - o MAINTAIN EXITING RAMP TRAFFIC VIA NEW AUXILIARY LANE CREATED ON WB I-90/94 MAINLINE
 - o JUST NORTH OF HARRISON ST., RAMP NW TRAFFIC SHALL EXIT FROM WB I-90/94 MAINLINE AUXILIARY LANE ONTO EXISTING RAMP NW VIA TEMPORARY PAVEMENT CONSTRUCTED IN STAGE 1.
 - o COORDINATION WITH CONTRACT 60W71 REQUIRED.
- RAMP NE
 - o RAMP NE SHALL BE CLOSED IN THIS STAGE. (FOR EXISTING BRIDGE REMOVAL)
 - o RAMP NE TRAFFIC SHALL USE PROVIDED DETOUR AS OUTLINED IN THE PLANS.
 - o RAMP CLOSURE SHALL NOT COMMENCE PRIOR TO JANUARY 1, 2015.
 - o COORDINATION WITH CONTRACT 60W71 REQUIRED.
- RAMP SW
 - o MAINTAIN EXISTING TRAVEL LANES. WORK AREA LOCATED TO THE NORTH OUTSIDE OF RAMP AND SHOULDER FOOTPRINT.
- TAYLOR ST ENTRANCE RAMP (I-90/94 WB)
 - o CLOSE TAYLOR ST. ENTRANCE RAMP TO WB I-90/94 IN THIS STAGE.
 - o TAYLOR ST. ENTRANCE RAMP TRAFFIC SHALL USE PROVIDED DETOUR AS OUTLINED IN THE PLANS
 - o COORDINATION WITH FUTURE CONTRACT 60W30 MAY BE REQUIRED.
- 18" STREET ENTRANCE RAMP (I-90/94 WB)
 - o REDUCE EXISTING RAMP TO 16 FOOT LANE
- ROOSEVELT ROAD EXIT RAMP (I-90/94 WB)
 - o REDUCE RAMP AUXILIARY LANE TO 14 FEET IN WIDTH.
 - o REDUCE EXISTING RAMP TO 16 FOOT LANE
- ROOSEVELT ROAD ENTRANCE RAMP (I-90/94 WB)
 - o CLOSE ROOSEVELT ROAD ENTRANCE RAMP TO EXISTING RAMP NW/RAMP NE C-D ROADWAY
 - o TRAFFIC SHALL USE PROVIDED DETOUR AS OUTLINED IN THE PLANS.
- MORGAN ST EXIT RAMP (I-290 WB)
 - o MAINTAIN EXISTING RAMP CLOSURE PER CONTRACT 60W25. COORDINATION WITH CONTRACT 60W25 REQUIRED.
 - o TRAFFIC SHALL USE DETOUR PROVIDED VIA CONTRACT 60W25

MAINTENANCE OF TRAFFIC ON LOCAL STREETS

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

CONSTRUCTION TO BE COMPLETED IN STAGE 2

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



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USER NAME: eaymough	DRAWN -	REVISED -	
PLOT SCALE: 1/80.0000' / in.	CHECKED -	REVISED -	
PLOT DATE: 5/25/2014	DATE -	04/28/14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
NARRATIVE

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

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

STAGING NARRATIVE

STAGE 2 CONTINUED

- REMOVE EXISTING HIGH MAST LIGHT TOWER DAB2 AS SHOWN IN THE PLANS.
- BEGIN AND COMPLETE REPAIRS TO EXISTING RETAINING WALL #2 (SN 016-2024). EXISTING RETAINING WALL #2 REPAIRS MUST BE COMPLETED PRIOR TO CONSTRUCTION OF THE ADJACENT RETAINING WALL #1 (SN 016-1720)
- BEGIN CONSTRUCTION OF RETAINING WALL #1 (SN 016-1720). REPAIRS TO EXISTING RETAINING WALL #2 (SN 016-2024) MUST BE COMPLETED PRIOR TO RETAINING WALL #1 CONSTRUCTION.
- LOCATE AND PROTECT EXISTING COM ED AND AT&T DUCTBANKS NEAR PIER #4. COORDINATION WITH UTILITIES REQUIRED.
- BEGIN CONSTRUCTION OF PIER #5, PIER #4, PIER #3, PIER #2, PIER #1 AND SOUTH ABUTMENT FOR SN 016-1705. (COORDINATION WITH CONTRACT 60W71 REQUIRED). SEE SPECIAL PROVISIONS FOR PIER CONSTRUCTION INFORMATION AND RESTRICTIONS.
 - o CONTRACTOR NOTE: UNDER CONTRACT 60W71, THE SUPERSTRUCTURE OF THE EXISTING HARRISON STREET BRIDGE OVER I-90/94 WB WILL BE REMOVED NO LATER THAN 12/31/2014. SIMILARLY, THE PROPOSED PIER CONSTRUCTION, GIRDER ERECTION, AND SUPERSTRUCTURE CONSTRUCTION FOR THE HARRISON ST. BRIDGE WILL NOT COMMENCE PRIOR TO 4/1/2015. THIS TIME PERIOD HAS BEEN ESTABLISHED TO ASSIST WITH PROPOSED PIER #4 CONSTRUCTION FOR SN 016-1705.
- BEGIN RECONSTRUCTION OF RAMP NW/RAMP NE C-D ROAD AND PROPOSED SOUTH BRIDGE APPROACH WORK TO THE EXTENT SHOWN ON THE PLANS.
- BEGIN TAYLOR ST. ENTRANCE RAMP REMOVALS AND CONSTRUCTION TO THE EXTENT SHOWN ON THE PLANS.
- BEGIN ROOSEVELT RD. NB ENTRANCE RAMP CONSTRUCTION TO THE EXTENT SHOWN ON THE PLANS.
- REMOVE RAMP NE BRIDGE (SN 016-2451), PIERS, AND ABUTMENTS TO THE EXTENT SHOWN IN THE PLANS. RAMP NE CLOSURE AND BRIDGE REMOVAL SHALL NOT COMMENCE PRIOR TO JANUARY 1, 2015.

STAGE 3A

MAINTENANCE OF TRAFFIC ALONG I-90/94 MAINLINE

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

MAINTENANCE OF TRAFFIC ALONG I-290 MAINLINE

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

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

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

MAINTENANCE OF TRAFFIC ON MAINLINE RAMPS NEAR RAMP NW

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

STAGE 3A CONTINUED

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

MAINTENANCE OF TRAFFIC ON LOCAL STREETS

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

CONSTRUCTION TO BE COMPLETED IN STAGE 3A

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

STAGE 3B1

MAINTENANCE OF TRAFFIC ALONG I-90/94 MAINLINE

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

MAINTENANCE OF TRAFFIC ALONG I-290 MAINLINE

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

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

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

STAGE 3B1 CONTINUED

MAINTENANCE OF TRAFFIC ON MAINLINE RAMPS NEAR RAMP NW

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

MAINTENANCE OF TRAFFIC ON LOCAL STREETS

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

CONSTRUCTION TO BE COMPLETED IN STAGE 3B1

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

<p style="font-size: 8px;">303 EAST WACKER DRIVE, SUITE 1400 CHICAGO, IL 60601-3171 PHONE: (312) 573-1700 FAX: (312) 373-6800</p>	0160428-sh1-Staging-Nar-02.dgn	DESIGNED -	REVISED -	5/27/2014	<p>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	<p>SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN NARRATIVE</p>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	USER NAME - aayubmugh	DRAWN -	REVISED -						90/94/290	2013-010R	COOK	747	95
	PLOT SCALE - 1/8"=1'-0"	CHECKED -	REVISED -			CONTRACT NO. 60W28							
	PLOT DATE - 5/25/2014	DATE - 04/28/14	REVISED -			ILLINOIS FED. AID PROJECT							

STAGING NARRATIVE

STAGE 3B2

MAINTENANCE OF TRAFFIC ALONG I-90/94 MAINLINE

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

MAINTENANCE OF TRAFFIC ALONG I-290 MAINLINE

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

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

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

MAINTENANCE OF TRAFFIC ON MAINLINE RAMPS NEAR RAMP NW

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

MAINTENANCE OF TRAFFIC ON LOCAL STREETS

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

CONSTRUCTION TO BE COMPLETED IN STAGE 3B2

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

STAGE 3B2 CONTINUED

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

STAGE 3C

MAINTENANCE OF TRAFFIC ALONG I-90/94 MAINLINE

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

MAINTENANCE OF TRAFFIC ALONG I-290 MAINLINE

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

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

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

MAINTENANCE OF TRAFFIC ON MAINLINE RAMPS NEAR RAMP NW

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

STAGE 3C CONTINUED

MAINTENANCE OF TRAFFIC ON LOCAL STREETS

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

CONSTRUCTION TO BE COMPLETED IN STAGE 3C

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

FILE PATH



0160W28-Sub-Staging-Nar-03.dgn	DESIGNED -	REVISED -	5/27/2014
USER NAME - aagungh	DRAWN -	REVISED -	
PLOT SCALE - 100.0000' / in.	CHECKED -	REVISED -	
PLOT DATE - 5/25/2014	DATE - 04/28/14	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
NARRATIVE

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

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



STAGING NARRATIVE

STAGE 4

MAINTENANCE OF TRAFFIC ALONG I-90/94 MAINLINE

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

MAINTENANCE OF TRAFFIC ALONG I-290 MAINLINE

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

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

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

MAINTENANCE OF TRAFFIC ON MAINLINE RAMP NEAR RAMP NW

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

STAGE 4 CONTINUED

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

MAINTENANCE OF TRAFFIC ON LOCAL STREETS

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

CONSTRUCTION TO BE COMPLETED IN STAGE 4

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

FILE PATH



D:\60W28\reht-Staging\Narr-04.dgn	DESIGNED -	REVISED -	5/27/2014
USER NAME: aayungh	DRAWN -	REVISED -	
PLOT SCALE: 1/80,000" = 1"	CHECKED -	REVISED -	
PLOT DATE: 5/25/2014	DATE - 04/28/14	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

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



SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL SCHEDULE

STAGE	SHEET	SUBBASE GRANULAR MATERIAL, TYPE B 4"	BITUMINOUS MATERIALS (PRIME COAT)	PROTECTIVE COAT	TEMPORARY PAVEMENT	WORK ZONE PAVEMENT MARKING REMOVAL	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	SHORT TERM PAVEMENT MARKING	PAVEMENT MARKING REMOVAL	TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	TEMPORARY EPOXY PAVEMENT MARKING - LINE 4"	TEMPORARY EPOXY PAVEMENT MARKING - LINE 5"	TEMPORARY EPOXY PAVEMENT MARKING - LINE 8"	TEMPORARY EPOXY PAVEMENT MARKING - LINE 12"	TEMPORARY EPOXY PAVEMENT MARKING - LETTER AND SYMBOLS	OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	RELOCATE SIGN PANEL - TYPE 3	SIGN PANEL OVERLAY	WOOD SIGN SUPPORT	TEMPORARY INFORMATION SIGNING	PAVEMENT REMOVAL
		SO YD	POUND	SO YD	SO YD	SO FT	EACH	EACH	FOOT	SO FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SO FT	FOOT	SO FT	SO FT	FOOT	SO FT	SO YD
GIRDER ERECTION STAGING						5,062	2			6,006	2237.5		14,490	1,644									685
RAMP SE CLOSURE	1					584				806			4,167								72		60
RAMP EN CLOSURE	1					63							188										
RAMP NW CLOSURE	1					143				72			418										
RAMP WS CLOSURE	1					2,000				401			2,290		1,262								40
STAGE 4	0					10																	40
	1					1,844			2,354				1,177	296									
	2					2,367			3,020				1,510	365									
	3					2,374			3,020				1,510	365									
	4					7,127			4,236	15			2,118	375	2,539	121							
	5					7,979			8,408	998			4,204	380	1,736	767				165			
	6					8,569			10,168	525			5,084	1,227	1,094	170							
	7					10,886		2	14,768	134			7,384	1,427									922
	8					9,083		1	8,798			2412.5	4,399	631	2,126	197							1,033
	9					2,591			2,658				1,329	511	175	4							
	10					3,664		2	4,960	330			2,480	473									
ALLOWANCE		543	510	543	543	11,639	6	10	0	2,022	1,125	848	8,418	1,165	2,838	332	26	0	0	24	0	145	314
TOTAL		4,163	3,910	4,163	4,163	89,230	18	28	118,448	22,242	8,626	9,323	92,598	12,813	31,219	3,651	282	20	330	261	42	1,597	3,450

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

TEMPORARY DRAINAGE STRUCTURE SCHEDULE

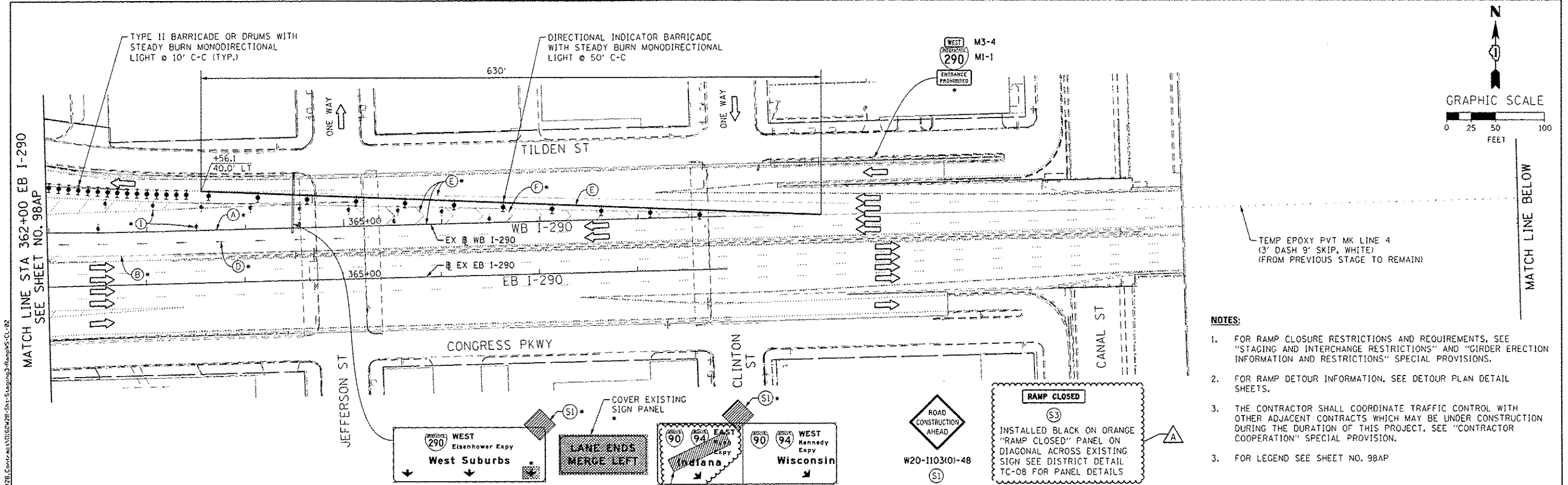
STRUCTURE	LOCATION	OFFSET	(EDGE OF PAVEMENT, EDGE OF SHOULDER, OR CENTER OF STRUCTURE)	RIM (ELEV)	N. INVERT (ELEV)	W. INVERT (ELEV)	E. INVERT (ELEV)	S. INVERT (ELEV)	NE. INVERT (ELEV)	NW. INVERT (ELEV)	SE. INVERT (ELEV)	SW. INVERT (ELEV)	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE EACH
RAMP NW													
S-T01 (FST)	1511+51.91	5.00' RT	EOS	576.77						571.71			1
S-T02 (FST)	1522+01.30	16.00' LT	EOS	582.93	578.93								1
S-T04 (FST)	1524+25.00	1.00' RT	EOS	575.11					572.10				1
TOTALS													3

TEMPORARY PIPE SCHEDULE

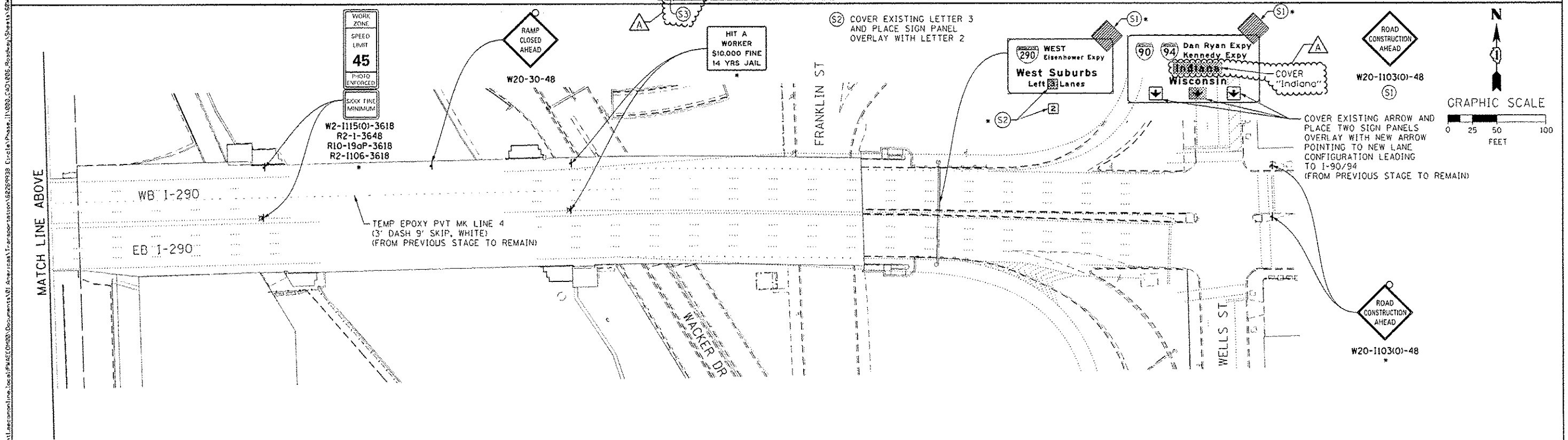
PIPE	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION	PIPE SLOPE (%)	TEMPORARY STORM SEWERS, CLASS A, TYPE 12" 2	TRENCH BACKFILL
						FOOT	CU YD
RAMP NW							
P-T01	S-T01	EX CB - TSC467	571.71	571.57	0.52%	27	8.5
P-T02	S-T02	EX CB - TSC1328	578.93	578.88	0.56%	9	2.2
P-T04	S-T04	EX MH - TSC557	572.10	571.82	0.49%	57	7.2
ROUNDED TOTAL						93	17.9

TEMPORARY DRAINAGE STRUCTURE REMOVAL SCHEDULE

STRUCTURE	STATION	OFFSET	REMOVING CATCH BASINS EACH	COMMENTS
RAMP NW				
S-T01 (FST)	1511+51.91	5.00' RT		TO BE REMOVED IN STAGE 4
S-T02 (FST)	1522+01.30	16.00' LT		TO BE REMOVED IN STAGE 4
S-T04 (FST)	1524+25.00	1.00' RT		TO BE REMOVED IN STAGE 4
TOTALS			3	



- NOTES:**
1. FOR RAMP CLOSURE RESTRICTIONS AND REQUIREMENTS, SEE "STAGING AND INTERCHANGE RESTRICTIONS" AND "GIRDER ERECTION INFORMATION AND RESTRICTIONS" SPECIAL PROVISIONS.
 2. FOR RAMP DETOUR INFORMATION, SEE DETOUR PLAN DETAIL SHEETS.
 3. THE CONTRACTOR SHALL COORDINATE TRAFFIC CONTROL WITH OTHER ADJACENT CONTRACTS WHICH MAY BE UNDER CONSTRUCTION DURING THE DURATION OF THIS PROJECT. SEE "CONTRACTOR COOPERATION" SPECIAL PROVISION.
 3. FOR LEGEND SEE SHEET NO. 98AP



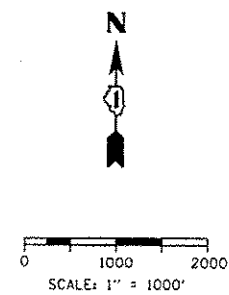
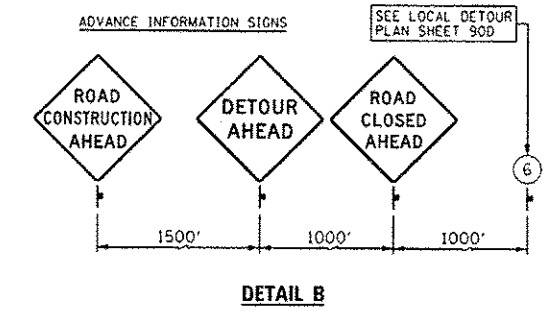
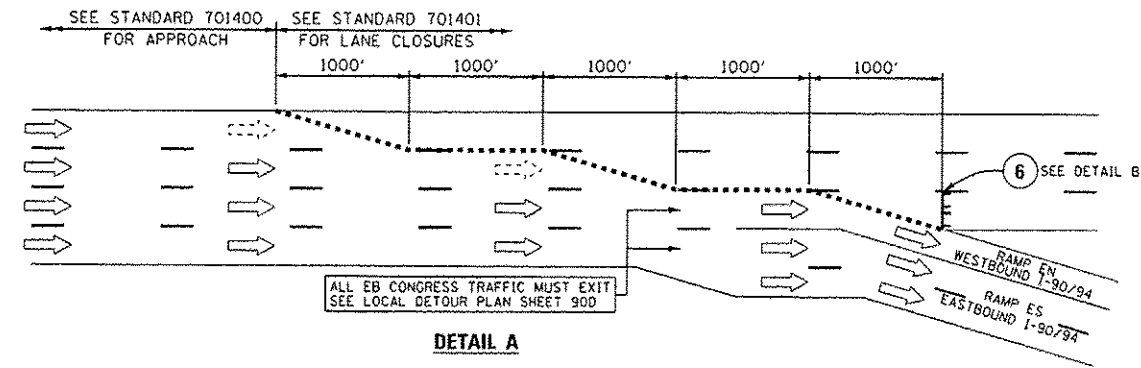
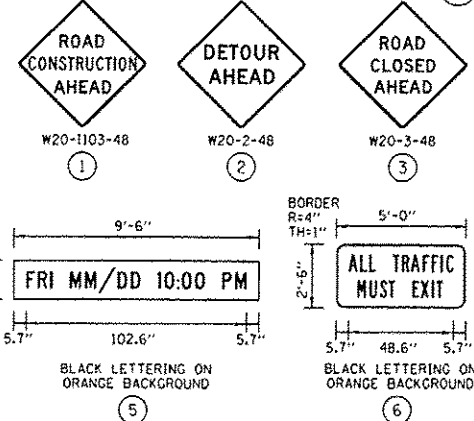
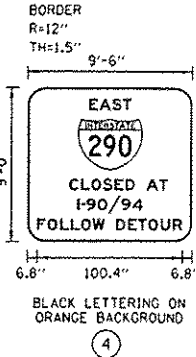
* FROM PREVIOUS STAGE TO REMAIN

AECOM 305 EAST WACKER DRIVE, SUITE 1400 CHICAGO, IL 60601-5276 PHONE (312) 315-1700 FAX (312) 315-4800	DESIGNED - OPS DRAWN - PHP CHECKED - KCF DATE - 04/28/14	REVISED - Δ 5/27/2014 REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN MAINLINE STAGING 3A-3C - RAMP WS CLOSURE		F.A.I. RTE. 90/94/290	SECTION 2013-010R	COUNTY COOK	TOTAL SHEETS 747	SHEET NO. 98A0
	USER NAME - pstalp2 PLOT SCALE - 08.0000" / 1" PLOT DATE - 5/24/2014	STA. TO STA.		SCALE: 1" = 50' SHEET 2 OF 2 SHEETS	CONTRACT NO. 60W28 ILLINOIS FED. AID PROJECT					

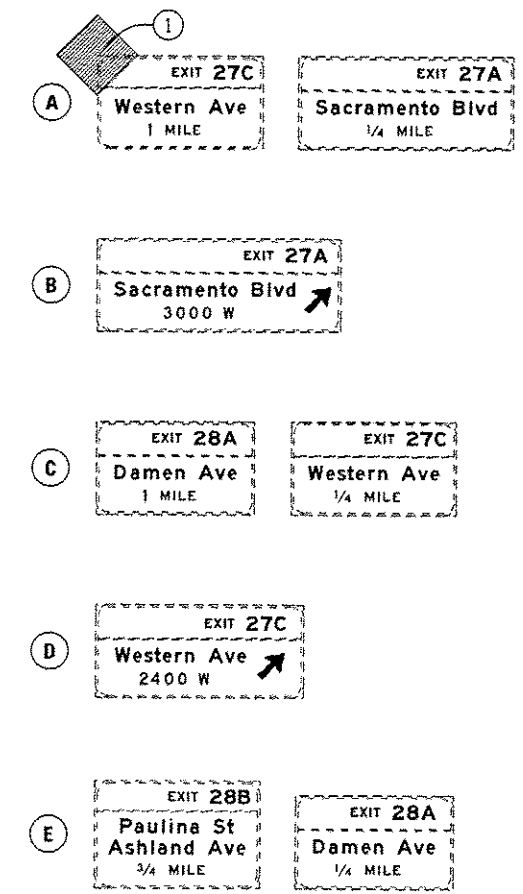
FILE PATH: c:\p\988279\mainline\constron\line\local\PMAC\Drawn\Documents\A01 - 60w28\3-1 - staging3-RampWS-CL-02.dwg
 User: pstalp2
 Date: 5/24/2014 10:58:11 AM
 Plot Scale: 08.0000" / 1"
 Plot Date: 5/24/2014

LEGEND

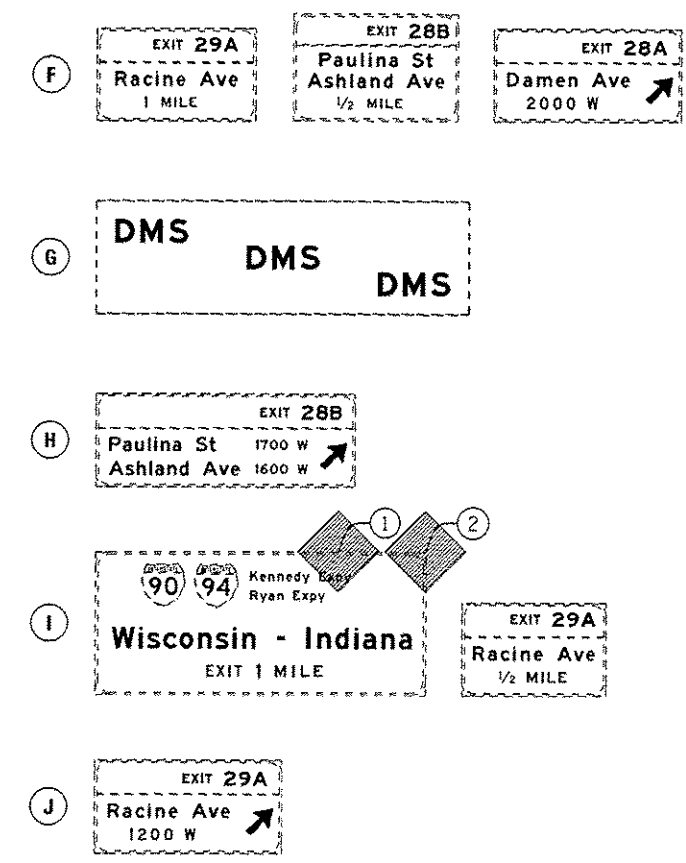
- EXISTING SIGN
- PROPOSED SIGN
- GROUND MOUNTED SIGN BARRICADE TYPE III



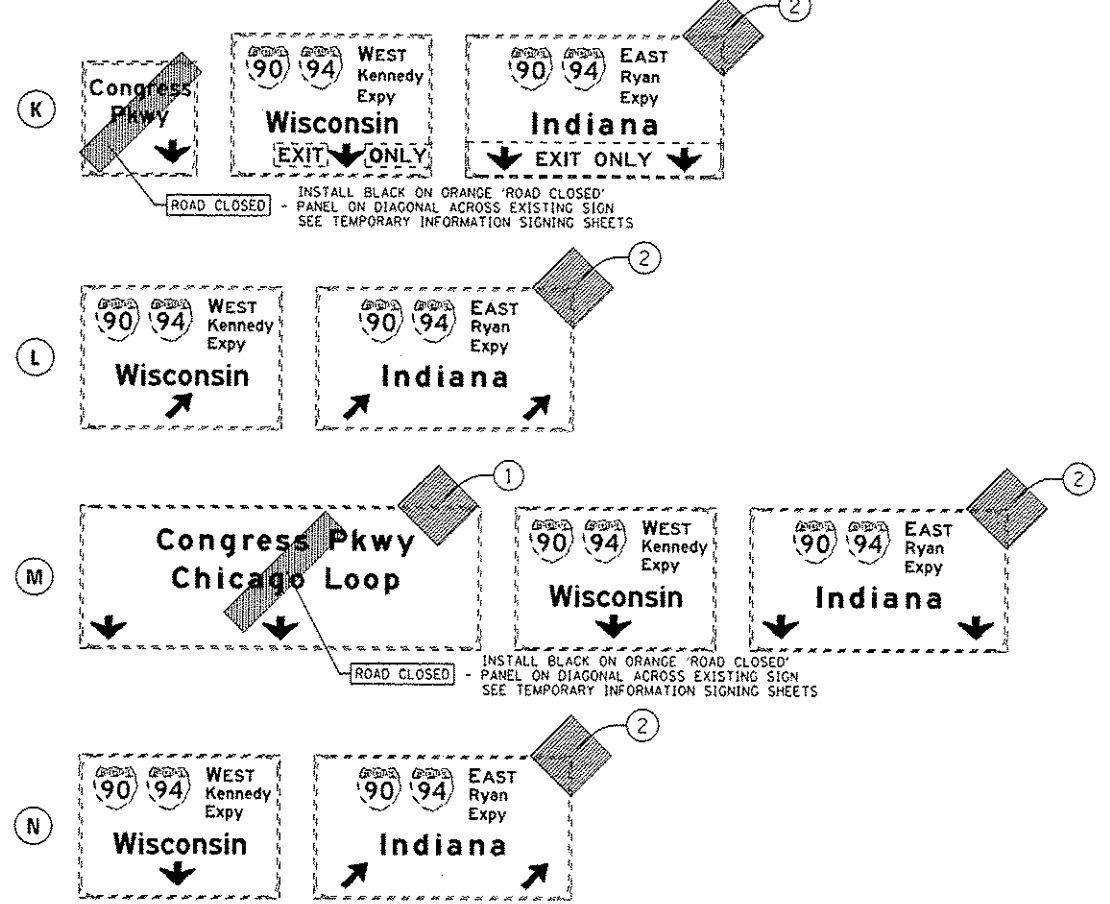
EB I-290 - CENTRAL PARK BLVD TO CIRCLE INTERCHANGE



EB I-290 - CENTRAL PARK BLVD TO CIRCLE INTERCHANGE CONT'D



EB I-290 - CENTRAL PARK BLVD TO CIRCLE INTERCHANGE CONT'D



DESIGNED - GPS	REVISOR - 05/27/2014
USER NAME - auyung	REVISOR -
DRAWN - PHP	REVISOR -
CHECKED - KCF	REVISOR -
DATE - 04/28/14	REVISOR -
PLOT DATE - 5/25/2014	

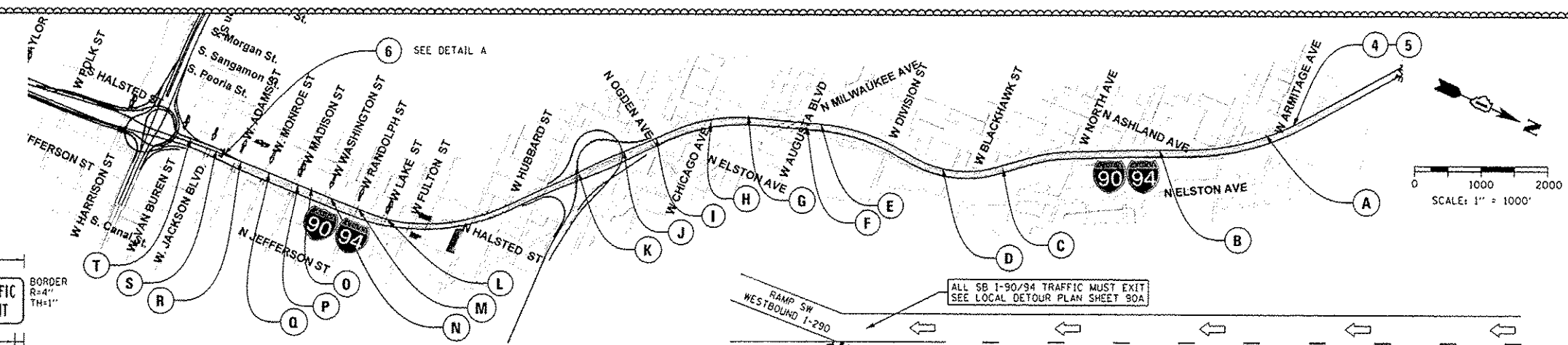
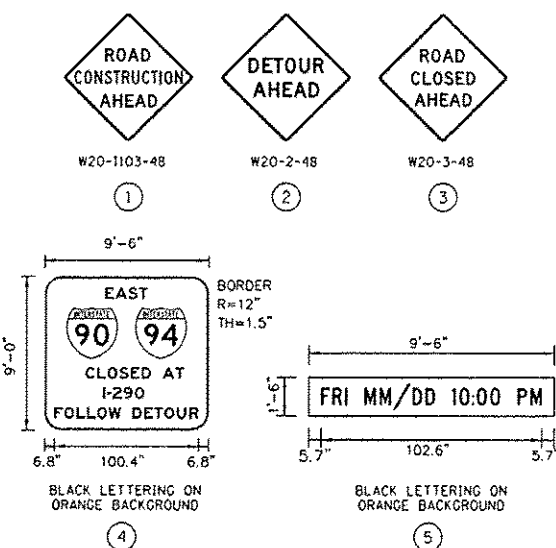
DESIGNED - GPS	REVISOR - 05/27/2014
USER NAME - auyung	REVISOR -
DRAWN - PHP	REVISOR -
CHECKED - KCF	REVISOR -
DATE - 04/28/14	REVISOR -
PLOT DATE - 5/25/2014	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

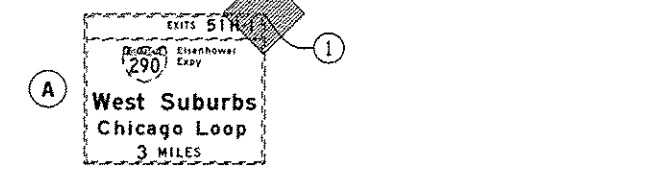
MAINLINE GIRDER ERECTION CLOSURES
TEMPORARY SIGNING PLANS - EB I-290

SCALE: 1" = 1000' SHEET 2 OF 8 SHEETS STA. TO STA.

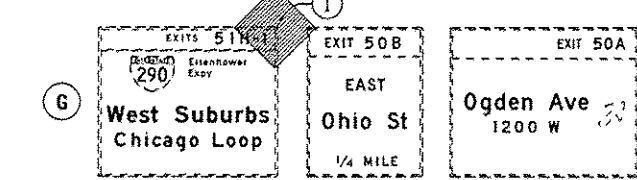
F.A.T. R.T.E. 90/94/290	SECTION 2013-010R	COUNTY COOK	TOTAL SHEETS 747	SHEET NO. 988B
CONTRACT NO. 60W26			ILLINOIS FED. AID PROJECT	



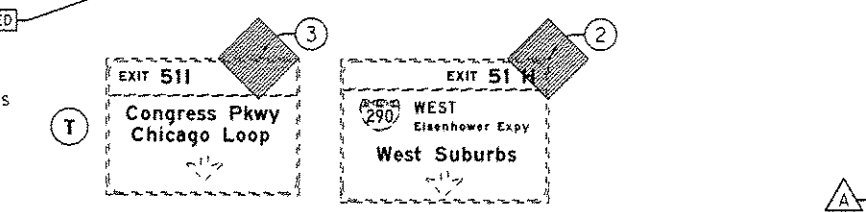
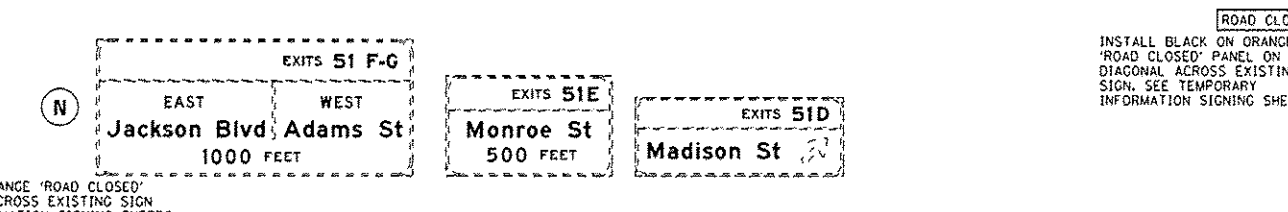
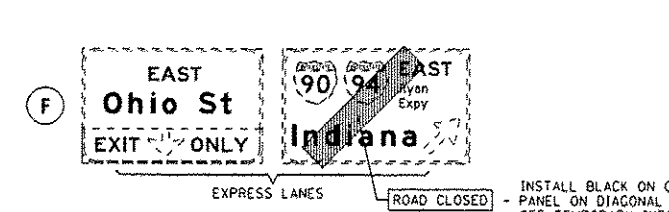
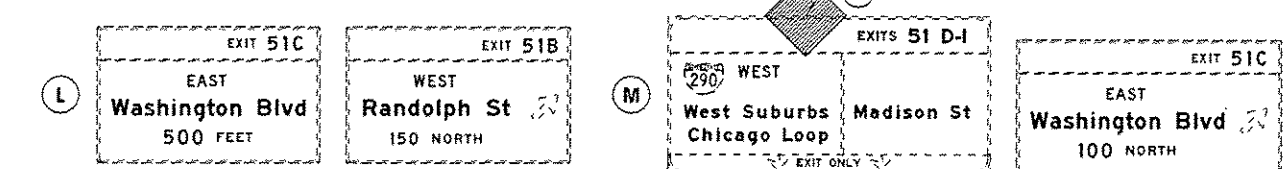
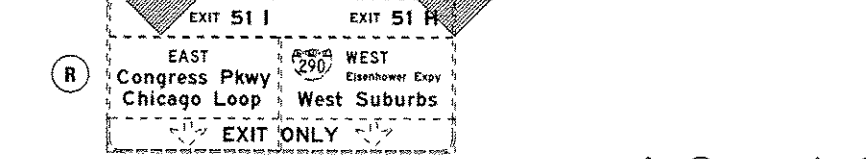
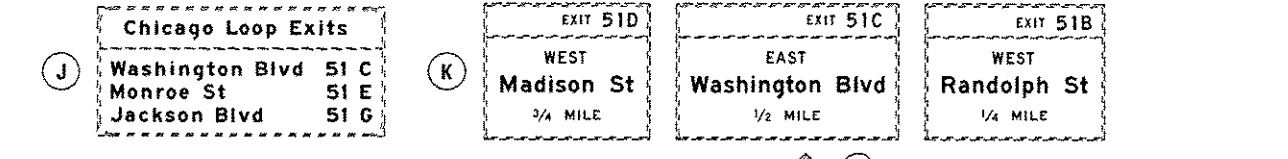
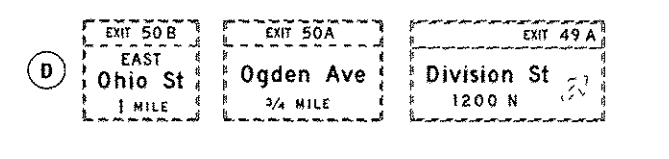
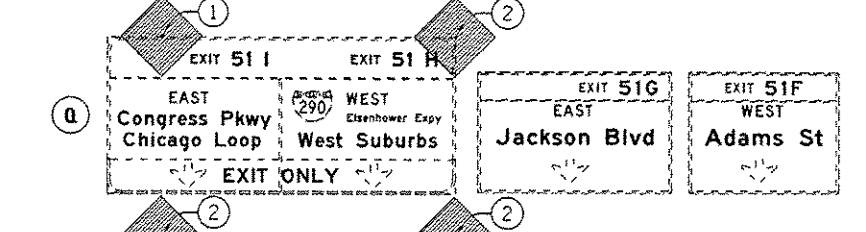
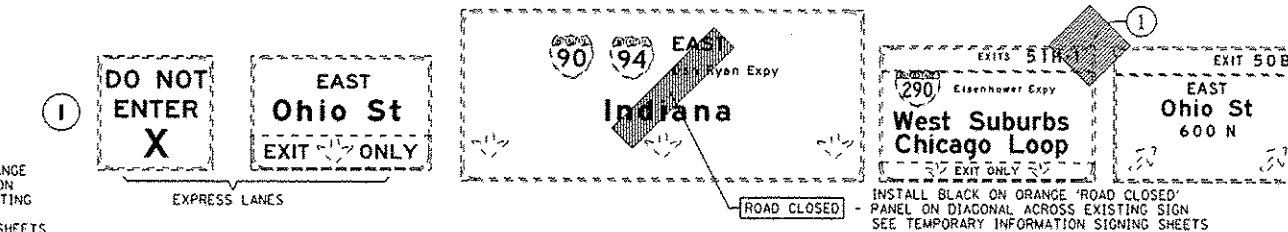
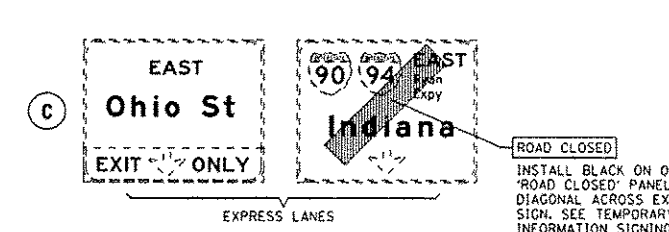
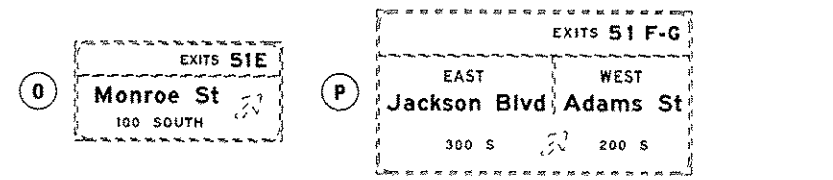
SB I-9094 - ARMITAGE TO CIRCLE INTERCHANGE



SB I-9094 - ARMITAGE TO CIRCLE INTERCHANGE CONT'D



SB I-9094 - ARMITAGE TO CIRCLE INTERCHANGE CONT'D

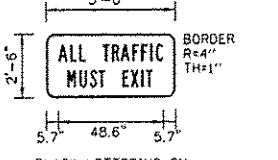
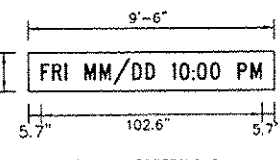
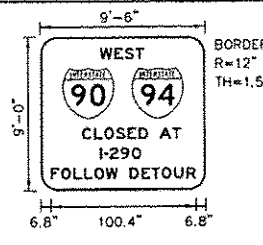
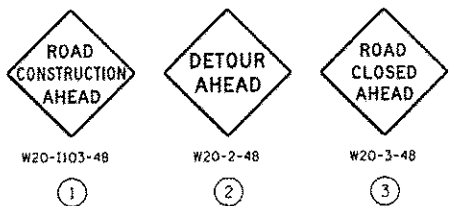


AECOM 303 EAST WACKER DRIVE, SUITE 1400 CHICAGO, IL 60601-3076 PHONE: (312) 315-1700 FAX: (312) 373-8800	0160w20-sht-Staging GE-02.dgn	DESIGNED - OPS	REVISED - 05/27/2014
	USER NAME - ayough	DRAWN - PHP	REVISED -
	PLOT SCALE - 1000.0000 1/1"	CHECKED - KCF	REVISED -
	PLOT DATE - 5/25/2014	DATE - 04/28/14	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

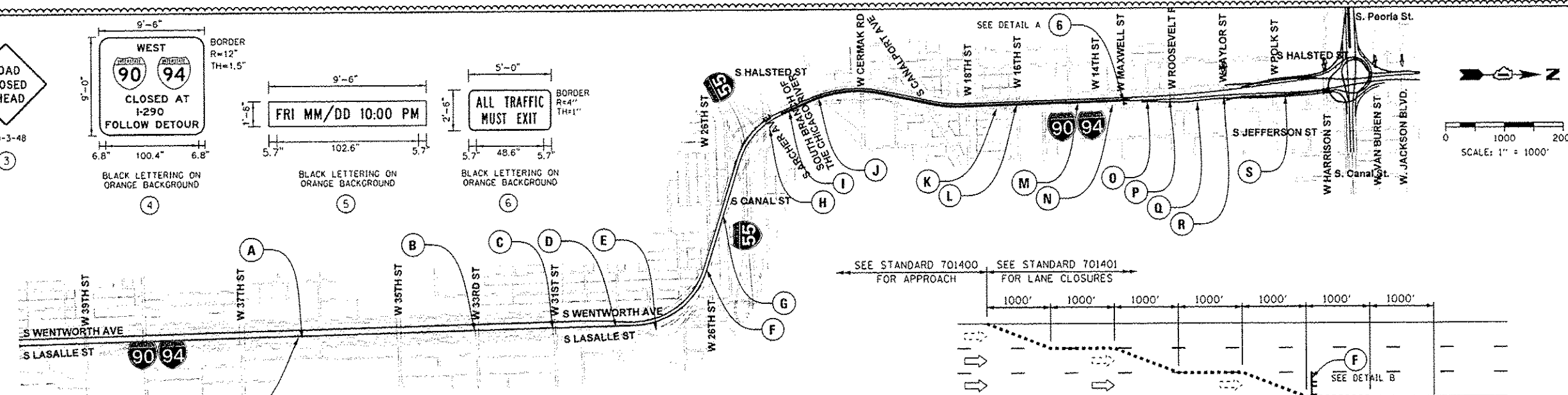
MAINLINE GIRDER ERECTION CLOSURES
 TEMPORARY SIGNING PLAN - EB I-9094 (SB)
 SCALE: 1" = 1000' SHEET 3 OF 8 SHEETS STA. TO STA.

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

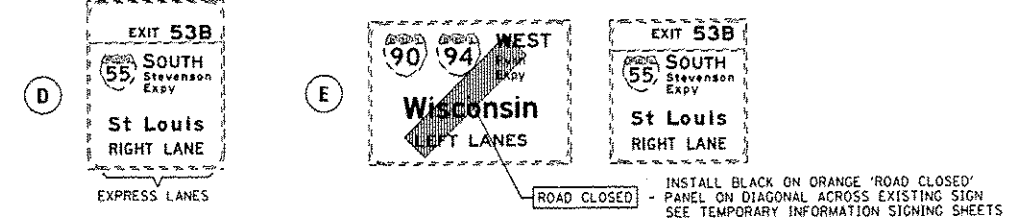
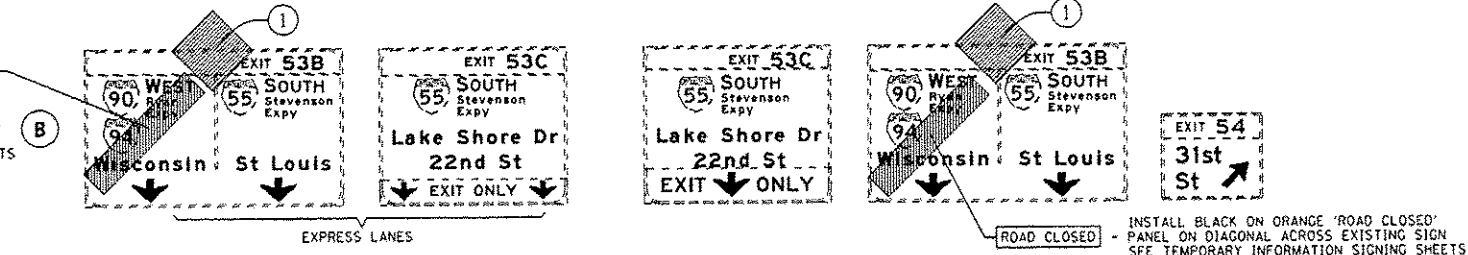
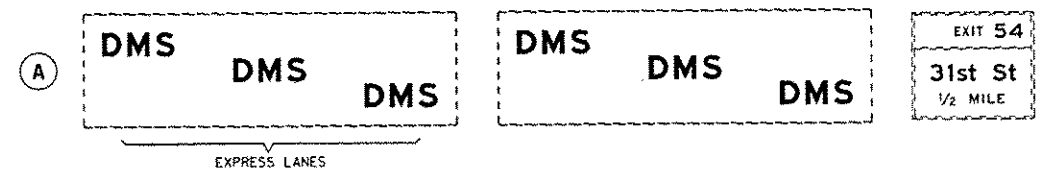


LEGEND

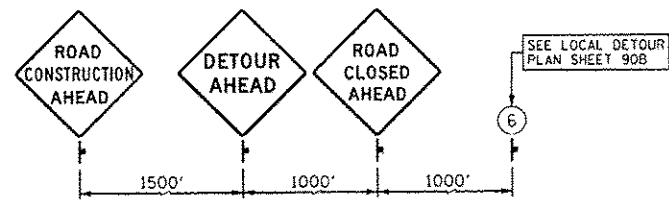
- EXISTING SIGN
- PROPOSED SIGN
- GROUND MOUNTED SIGN BARRICADE TYPE III



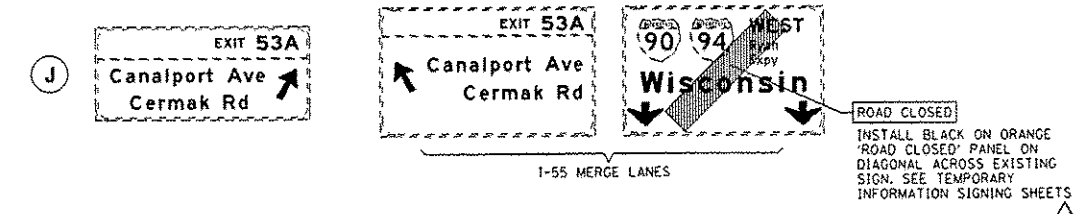
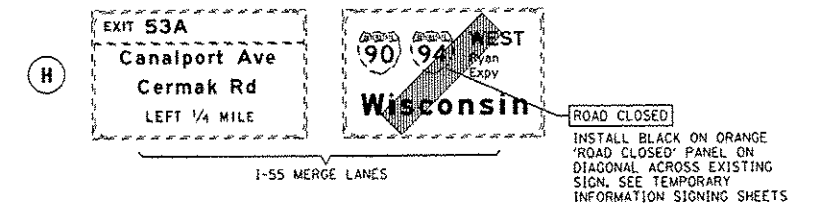
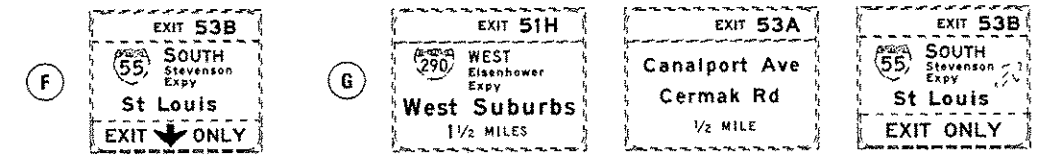
NB I-90/94 - 37TH ST TO CIRCLE INTERCHANGE



DETAIL B



NB I-90/94 - 37TH ST TO CIRCLE INTERCHANGE CONT'D

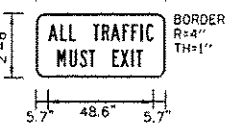
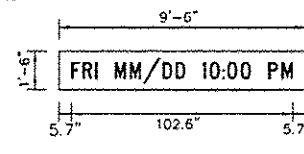
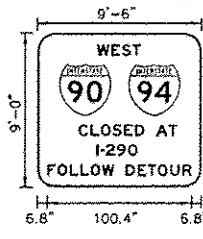
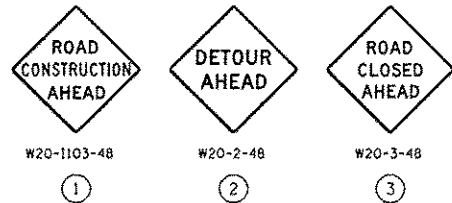


DESIGNED - OPS	REVISED - 05/27/2014
DRAWN - PHP	REVISED -
CHECKED - KCF	REVISED -
DATE - 04/28/14	REVISED -

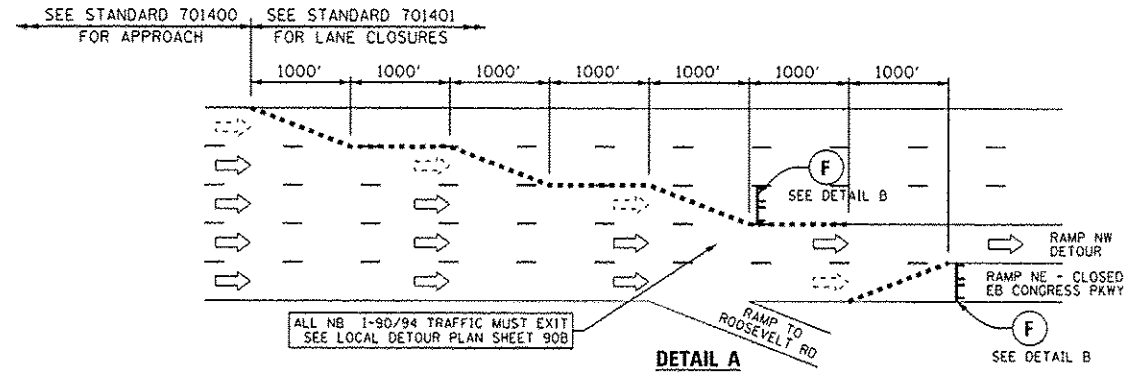
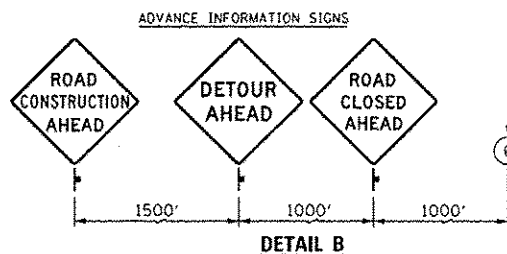
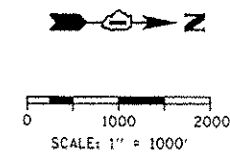
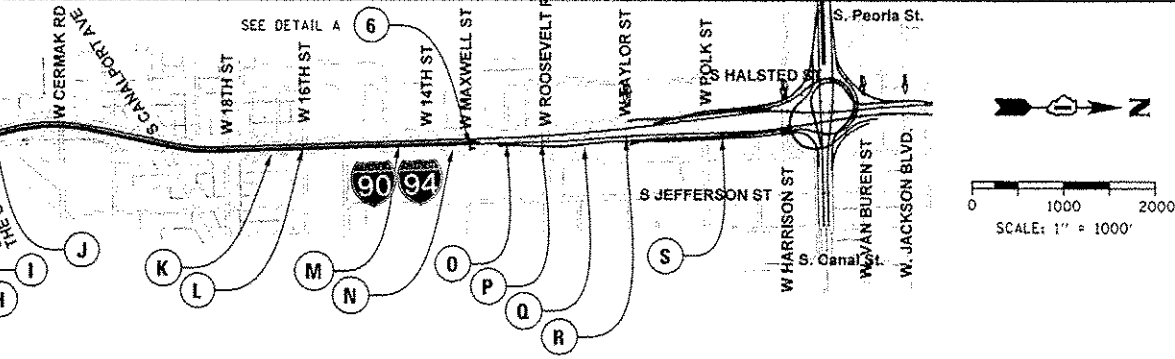
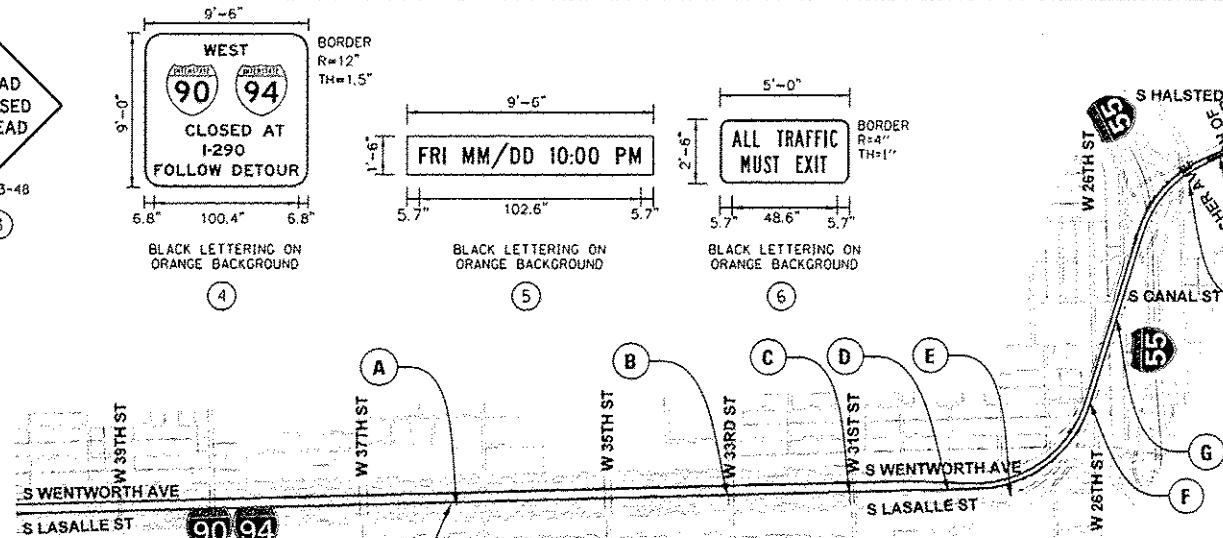
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINLINE GIRDER ERECTION CLOSURES
TEMPORARY SIGNING PLAN - WB I-90/94 (NB)
SCALE: 1" = 1000' SHEET 4 OF 8 SHEETS STA. TO STA.

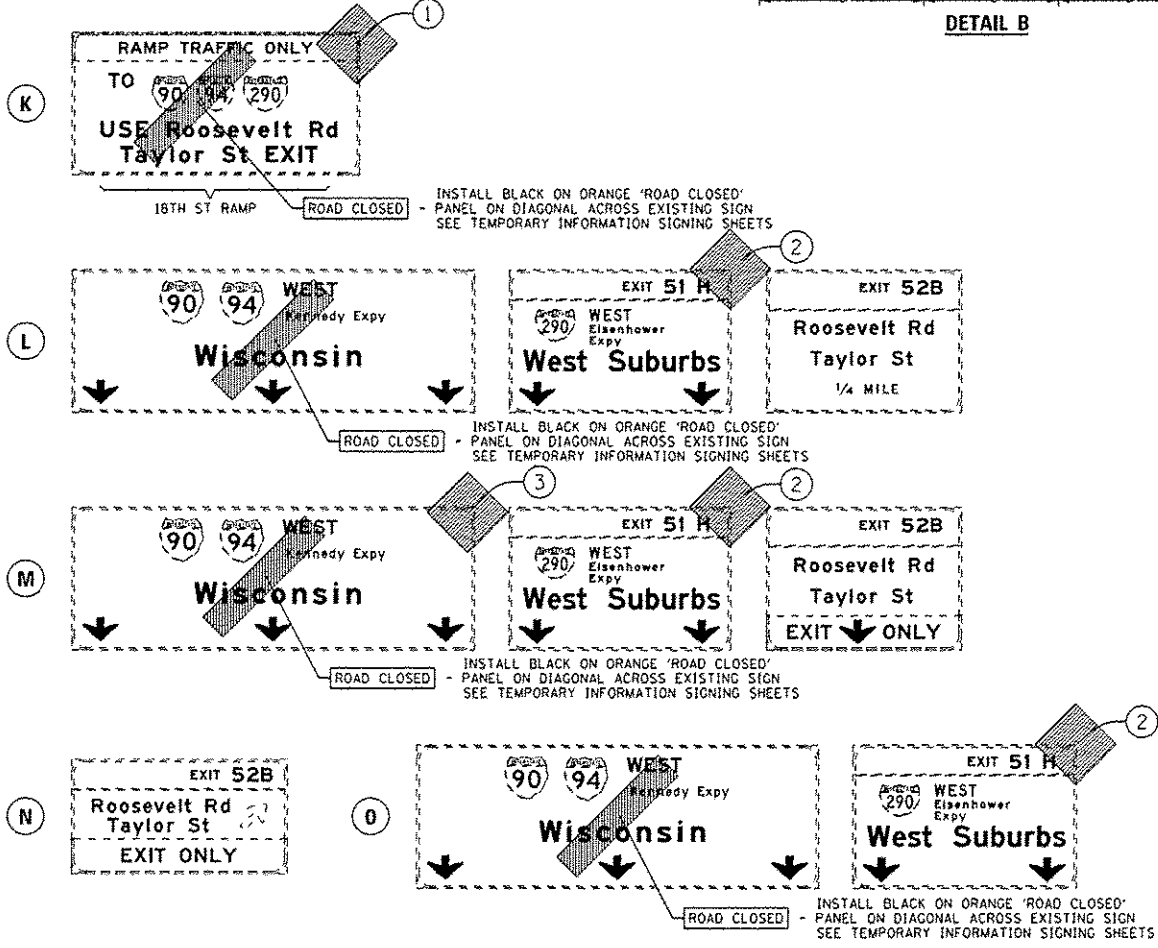
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	988D
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				



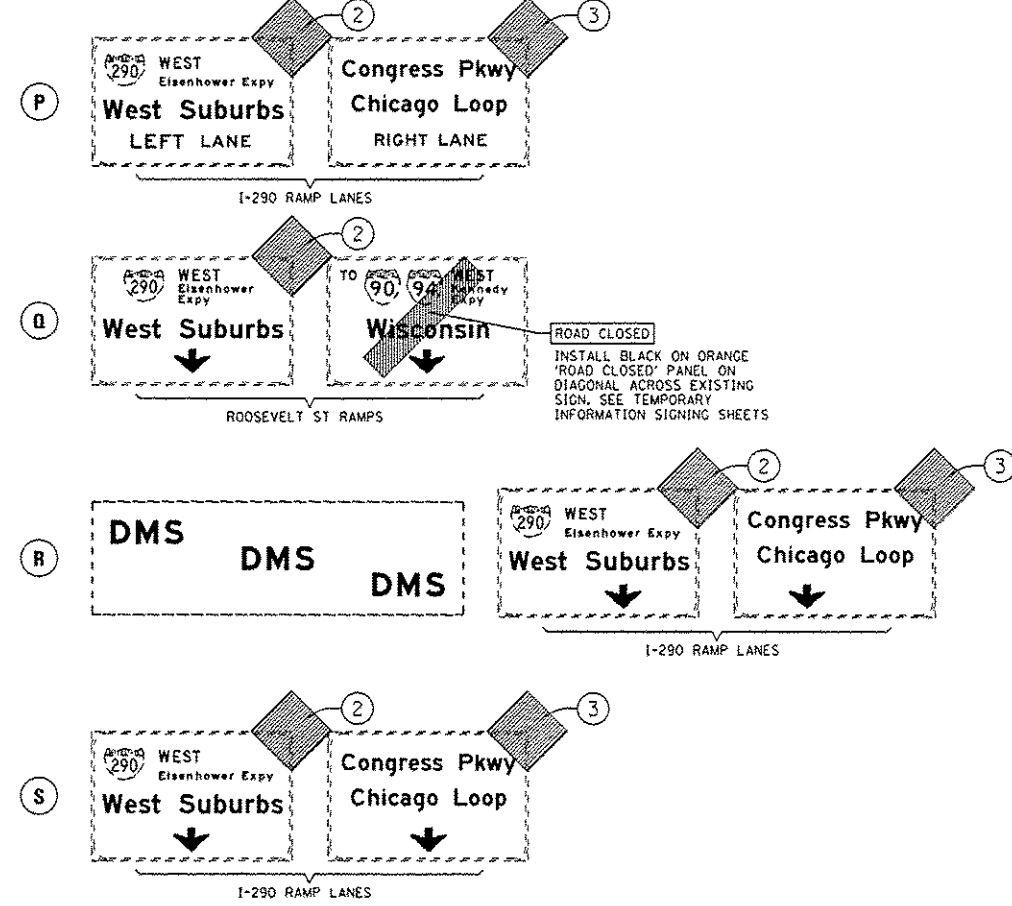
LEGEND
 - - - - - EXISTING SIGN
 [] PROPOSED SIGN
 [] GROUND MOUNTED SIGN BARRICADE TYPE III



NB I-90/94 - 37TH ST TO CIRCLE INTERCHANGE CONT'D



NB I-90/94 - 37TH ST TO CIRCLE INTERCHANGE CONT'D



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

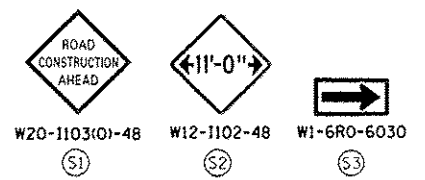
REVISED - 05/27/2014
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

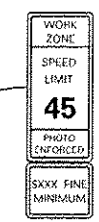
MAINLINE GIRDER ERECTION CLOSURES
 TEMPORARY SIGNING PLAN - NB I-90/94

SCALE: 1" = 1000' SHEET 5 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	988E
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	

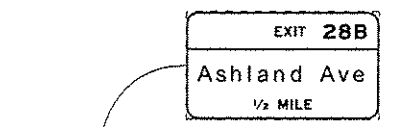


* FROM PREVIOUS STAGE TO REMAIN



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

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

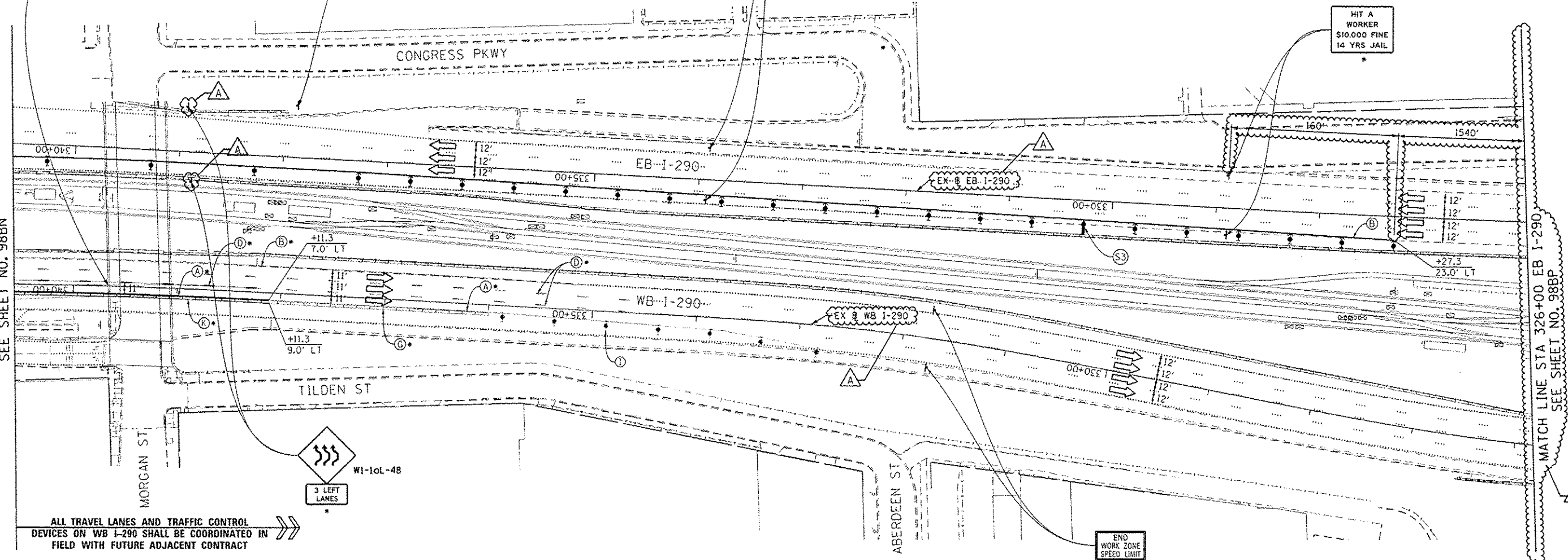


W2-1115(O)-3618
R2-1-3648
R10-1108P-3618
R2-1106-3618

HIT A WORKER
\$10,000 FINE
14 YRS JAIL

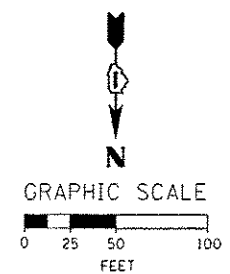
MATCH LINE STA 340+60.74 EB I-290 SEE SHEET NO. 98BN

MATCH LINE STA 326+00 EB I-290 SEE SHEET NO. 98BP



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

END WORK ZONE SPEED LIMIT
G20-1103(O)-3660



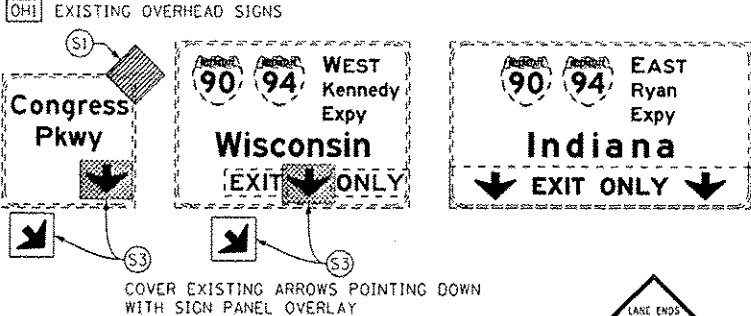
016R2R-shc-Staging_GEP-07
USER NAME = ayeaugh
PLOT SCALE = 58.0000' / in.
PLOT DATE = 5/27/2014

DESIGNED - OPS	REVISED - A 05/27/2014
DRAWN - PHP	REVISED -
CHECKED - KCF	REVISED -
DATE - 04/28/14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

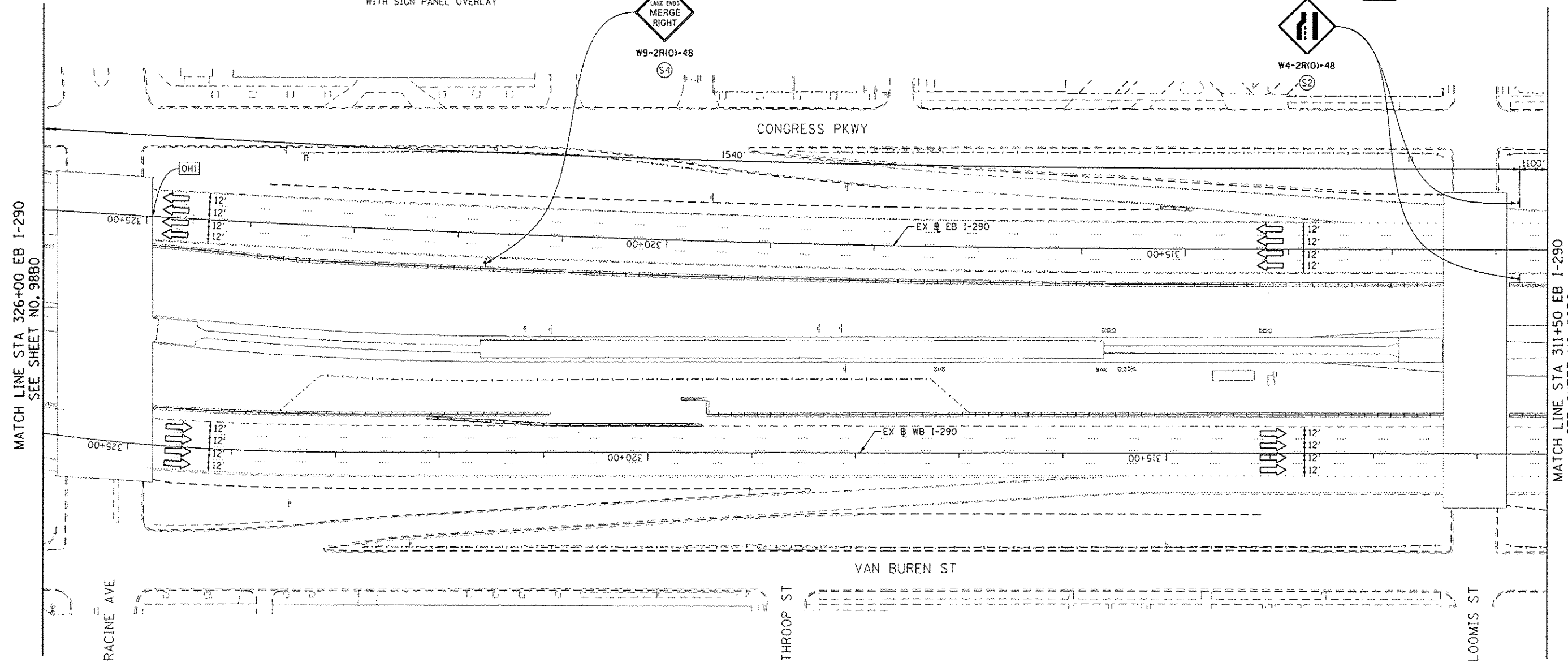
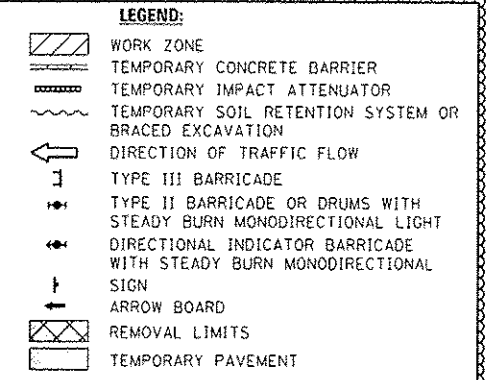
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
GIRDER ERECTION - STAGING PLAN
SCALE: 1" = 50' SHEET 7 OF 15 SHEETS STA. 340+60 TO STA. 326+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	9880
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				



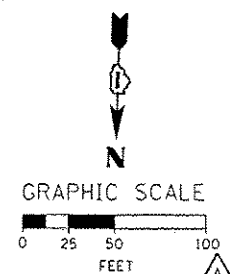
* FROM PREVIOUS STAGE TO REMAIN

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



MATCH LINE STA 326+00 EB I-290
SEE SHEET NO. 98B0

MATCH LINE STA 311+50 EB I-290
SEE SHEET NO. 98B0



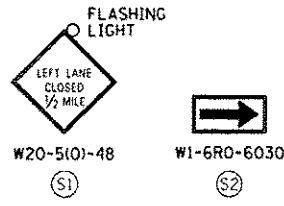
DIGM28-shr-Staging DEP-08	DESIGNED - OPS	REVISED - 05/27/2014
USER NAME - mjsaugh	DRAWN - PHP	REVISED -
PLOT SCALE - 50.0000' / in.	CHECKED - KCF	REVISED -
PLOT DATE - 5/27/2014	DATE - 04/28/14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
GIRDER ERECTION - STAGING PLAN

SCALE: 1" = 50' SHEET 8 OF 15 SHEETS STA. 326+00 TO STA. 311+50

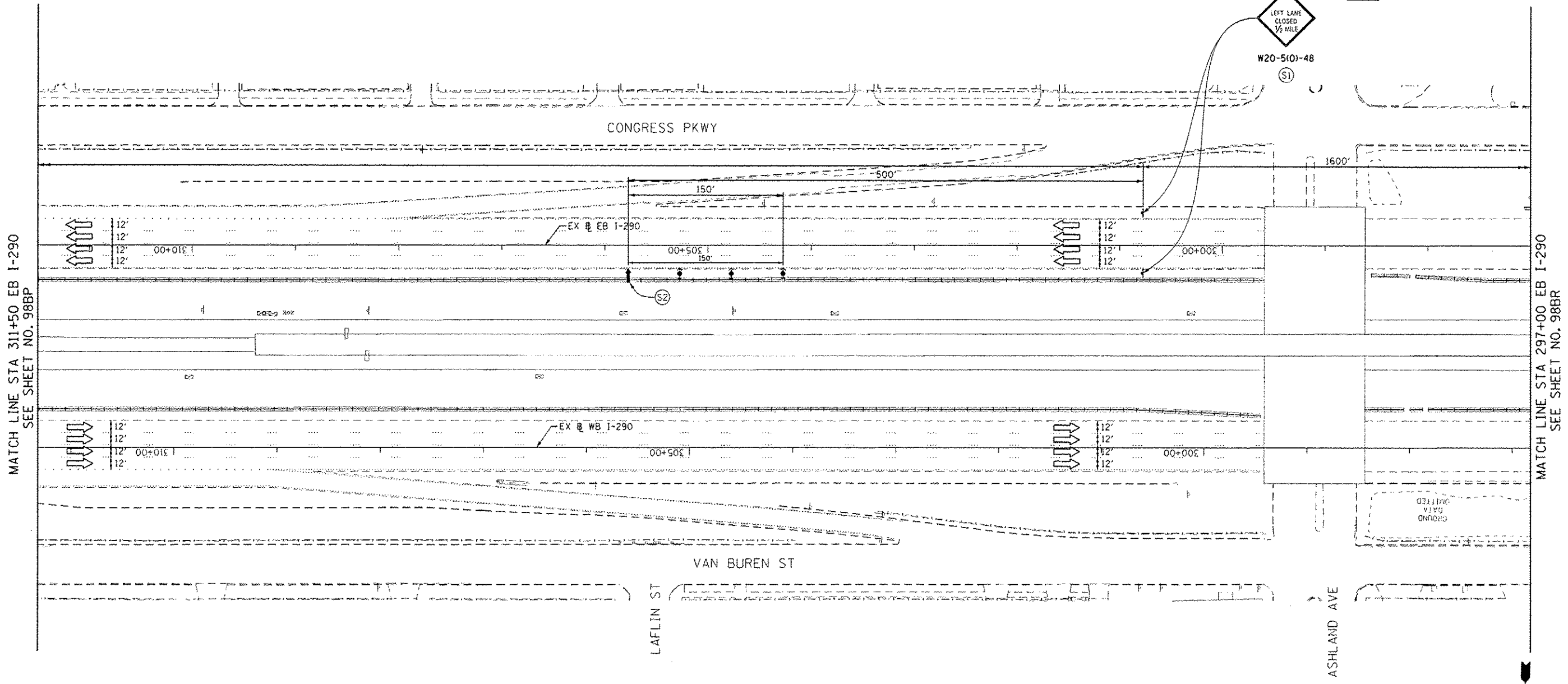
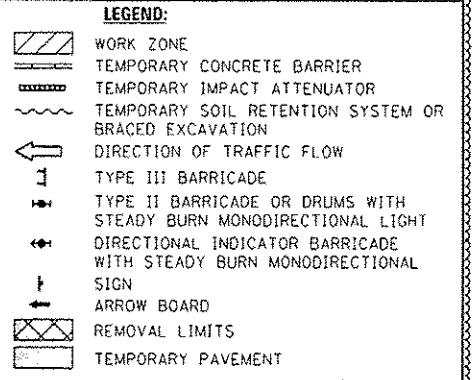
F.A.I. RTE. 90/94/290	SECTION 2013-010R	COUNTY COOK	TOTAL SHEETS 747	SHEET NO. 98BP
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				



• FROM PREVIOUS STAGE TO REMAIN

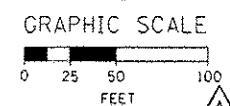
PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

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



MATCH LINE STA 311+50 EB I-290
SEE SHEET NO. 98BP

MATCH LINE STA 297+00 EB I-290
SEE SHEET NO. 98BR



0160x28-shr-Staging-GEP-01	DESIGNED - OPS	REVISED - Δ 05/27/2014
USER NAME - augeungh	DRAWN - PHP	REVISED -
PLOT SCALE = 50.0000' / 1" =	CHECKED - KCF	REVISED -
PLOT DATE = 5/27/2014	DATE - 04/28/14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
GIRDER ERECTION - STAGING PLAN
SCALE: 1" = 50' SHEET 9 OF 15 SHEETS STA. 311+50 TO STA. 297+00

F.A.I. RTE. 90/94/290	SECTION 2013-010R	COUNTY COOK	TOTAL SHEETS 747	SHEET NO. 9880
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W28	

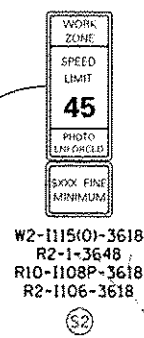
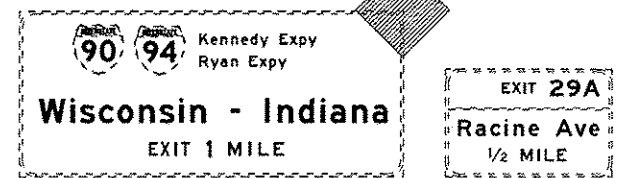
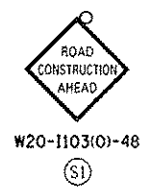
PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

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

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

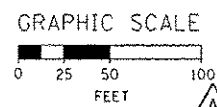
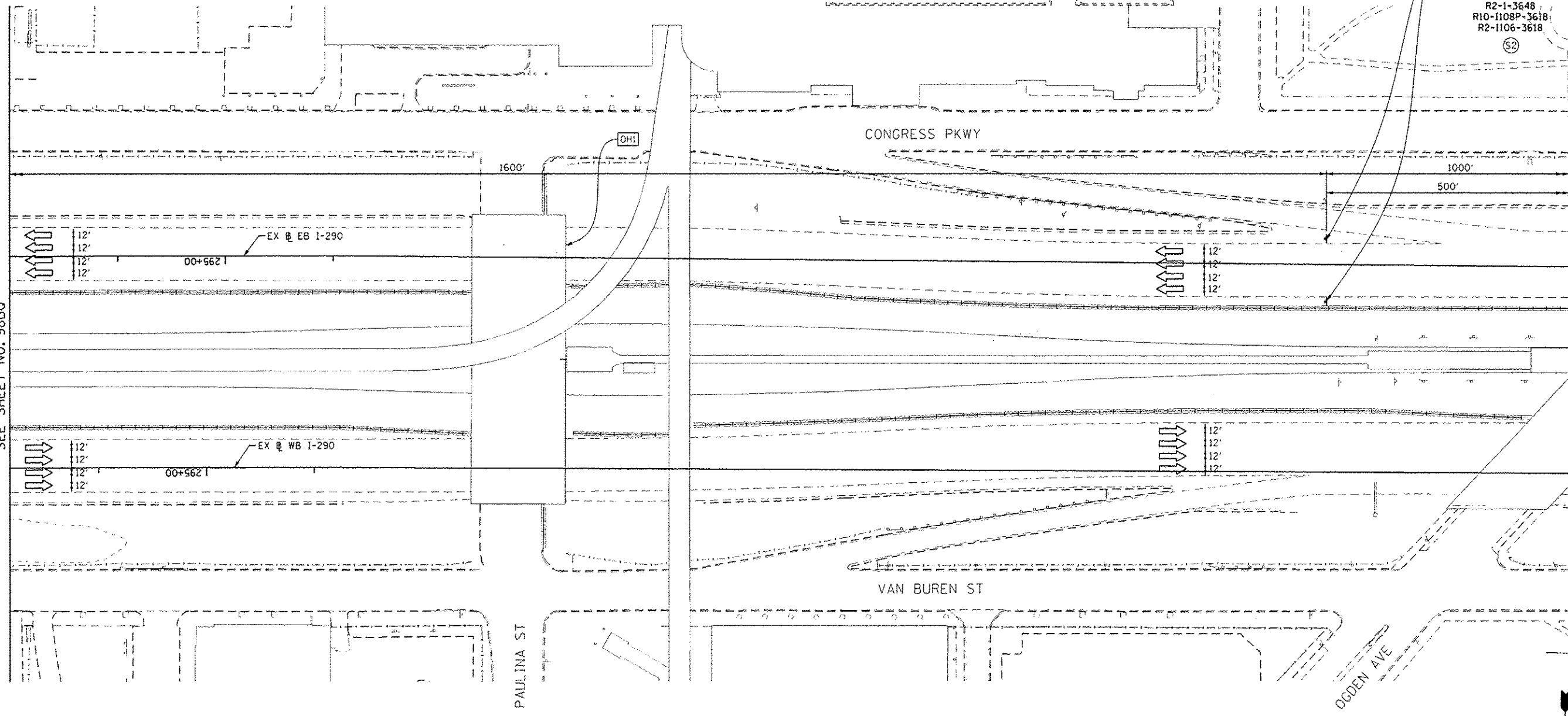
* FROM PREVIOUS STAGE TO REMAIN

(OHI) EXISTING OVERHEAD SIGNS TO REMAIN



MATCH LINE STA 297+00 EB I-290
SEE SHEET NO. 98B0

MATCH LINE EB I-290
SEE SHEET NO. 98B5



DIG0428-shst-Staging CEP-10
 USER NAME: auyungh
 PLOT SCALE: 50.0000' / in.
 PLOT DATE: 5/27/2014

DESIGNED - OPS	REVISED - 05/27/2014
DRAWN - PHP	REVISED -
CHECKED - KCF	REVISED -
DATE - 04/28/14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
GIRDER ERECTION - STAGING PLAN

SCALE: 1" = 50' SHEET 10 OF 15 SHEETS STA. 297+00 TO STA.

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

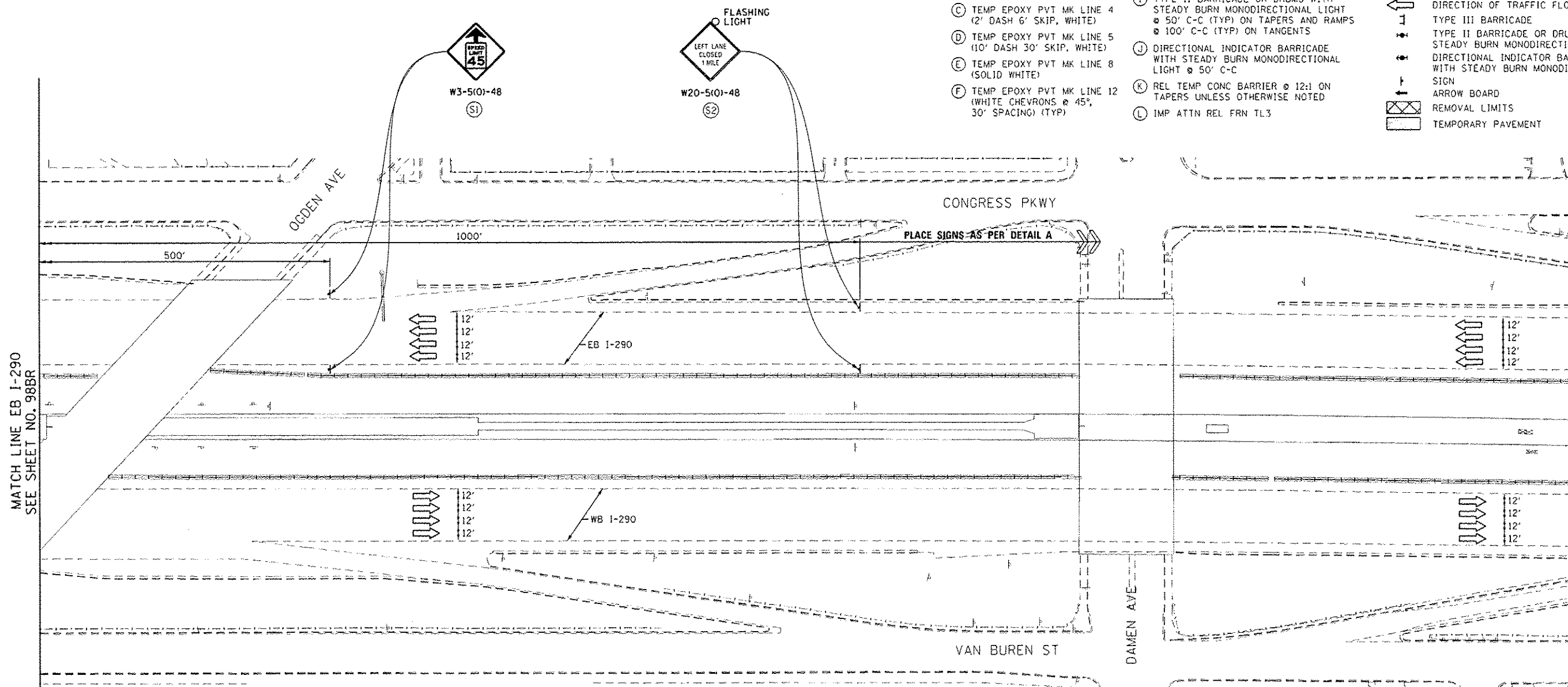
* FROM PREVIOUS STAGE TO REMAIN

PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

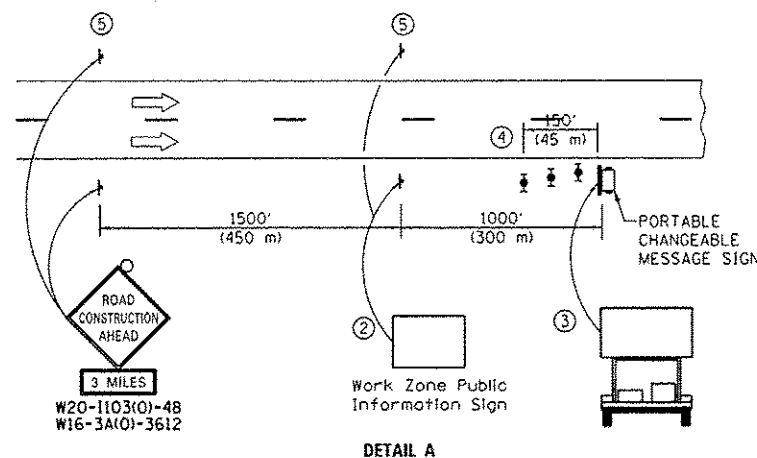
- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°,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

LEGEND:

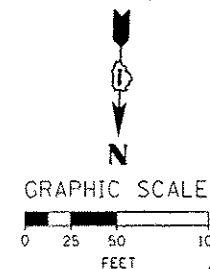
- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL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



MATCH LINE EB I-290 SEE SHEET NO. 98BR



- ① The Road Construction Ahead sign shall be located 3 to 5 miles in advance of the project limits.
- ② The message and size of the Work Zone Public Information Sign shall be as specified by the Department.
- ③ The message board shall be used to display status of lanes within the project. The primary messages shall be:
"Right Lane Closed" / " x Miles Ahead"
"Left Lane Closed" / " x Miles Ahead"
"All Lanes Open"
- ④ Three, Type II barricades, drums, or vertical barricades at 50' (15 m) centers.
- ⑤ This sign shall be omitted when median width is less than 10' (3 m).



DIGW28-ht-Staging CEP-11
 USER NAME: auyalugh
 PLOT SCALE: 50.0000' / in.
 PLOT DATE: 5/27/2014

DESIGNED - OPS	REVISED - Δ 05/27/2014
DRAWN - PHP	REVISED -
CHECKED - KCF	REVISED -
DATE - 04/28/14	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
 GIRDER ERECTION - STAGING PLAN**

SCALE: 1" = 50' SHEET 11 OF 15 SHEETS STA. TO STA.

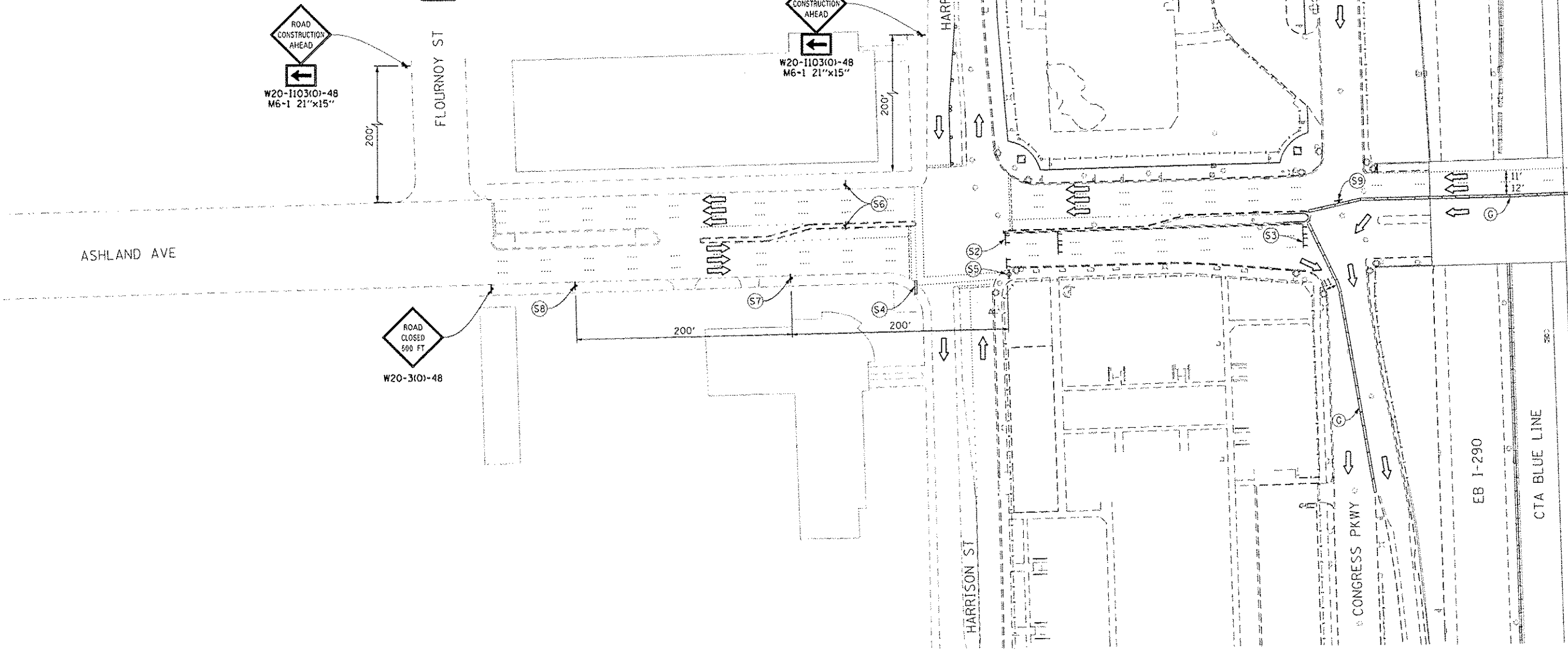
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-D10R	COOK	747	98BS
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	

PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

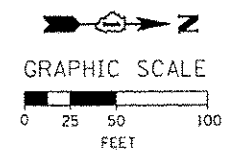
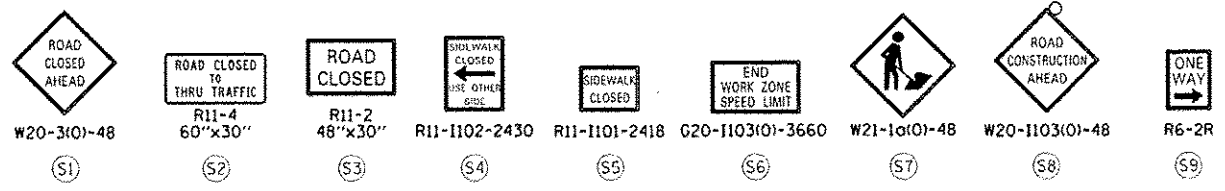
- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2" DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10" DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°,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

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

NOTE:
1. FOR NB ASHLAND AVE AND EB CONGRESS PKWY DETOUR INFORMATION AND SIGNING, SEE DETOUR PLANS.



MATCH LINE "A"
SEE SHEET NO. 98BY



DIGW20-Shr-Staging3-AshlandTexas01
USER NAME: auyourgh
PLOT SCALE: 50.0000' / in.
PLOT DATE: 5/27/2014

DESIGNED - OPS	REVISED - 5/27/2014
DRAWN - PHP	REVISED -
CHECKED - KCF	REVISED -
DATE - 04/28/14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
MAINLINE STAGING 3A-3C - ASHLAND AVE TEXAS U TURN
SCALE: 1" = 50' SHEET 1 OF 2 SHEETS STA. TO STA.

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

NOTE:

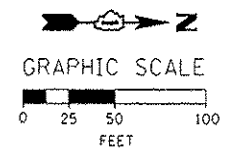
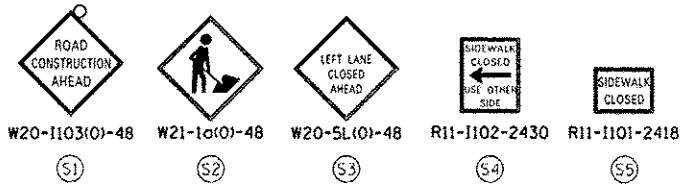
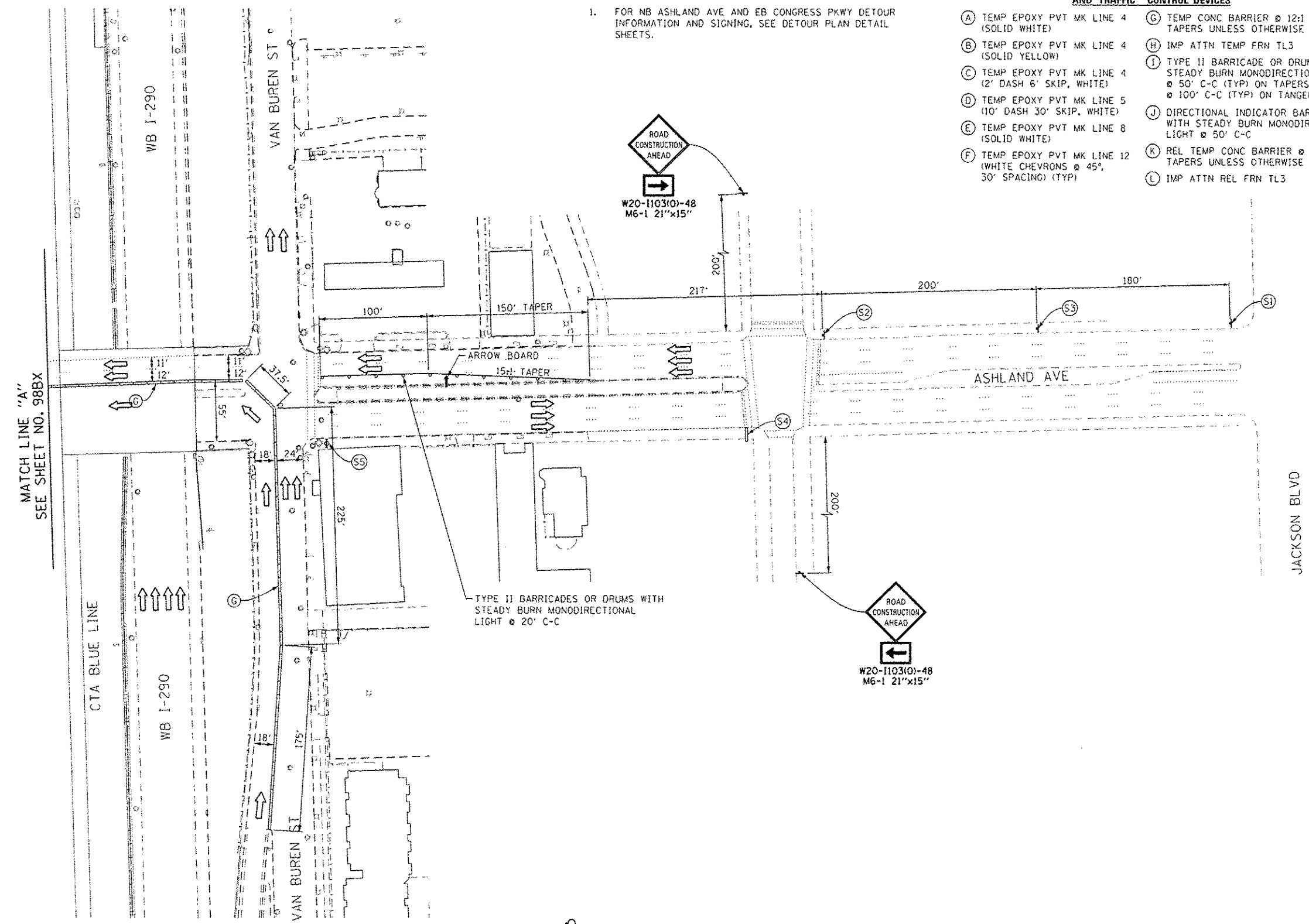
- FOR NB ASHLAND AVE AND EB CONGRESS PKWY DETOUR INFORMATION AND SIGNING, SEE DETOUR PLAN DETAIL SHEETS.

PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES

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

LEGEND:

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



D:\60420-Sht-3-Ashland-Texas-U-Turn-02
 USER NAME = pcpalp2
 PLOT SCALE = 50.0000' / 1" = 100'
 PLOT DATE = 5/24/2014

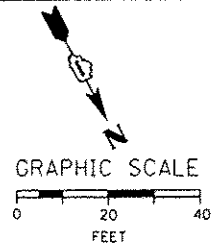
DESIGNED - OPS	REVISED - 5/27/2014
DRAWN - PHP	REVISED -
CHECKED - KCF	REVISED -
DATE - 04/28/14	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

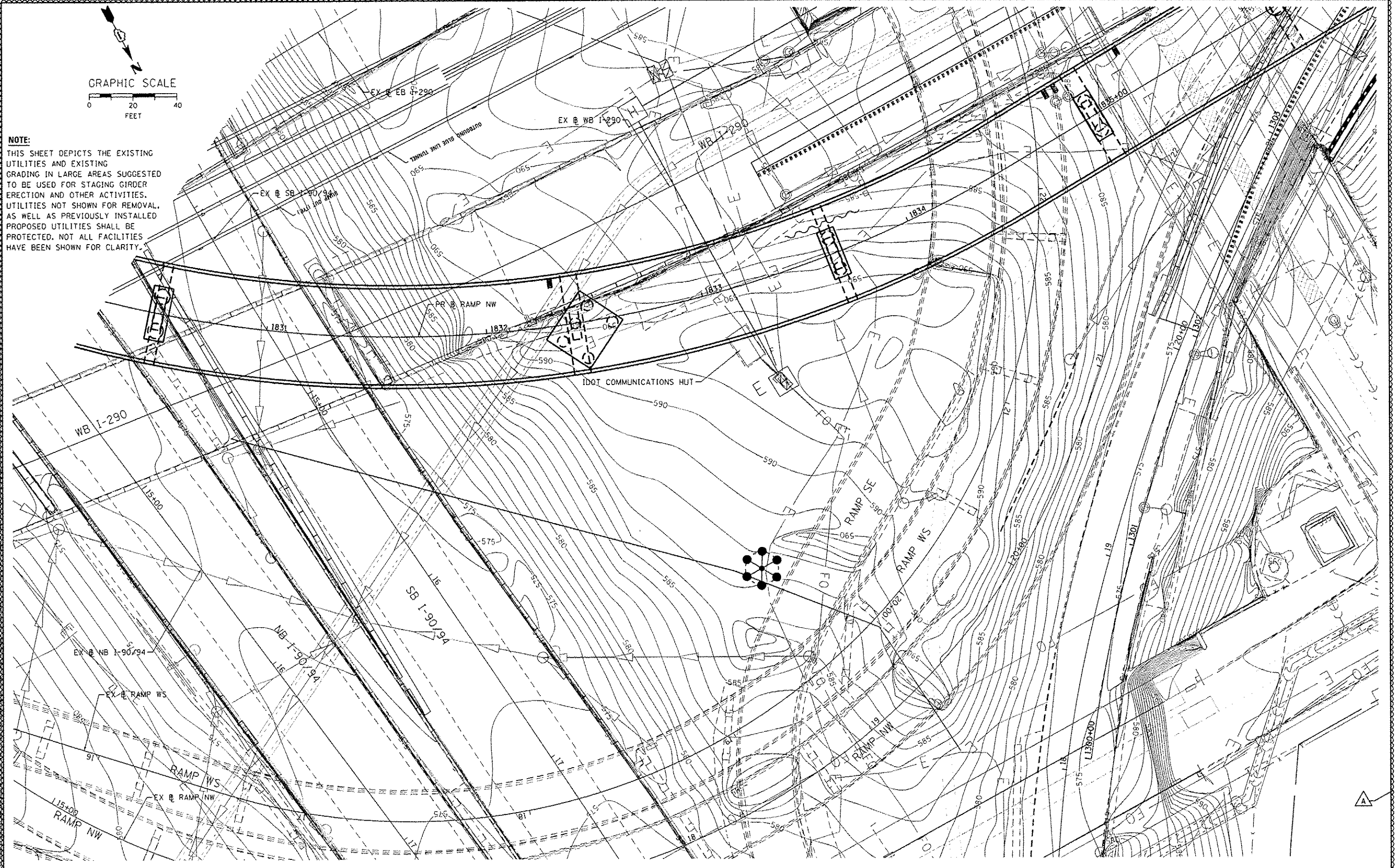
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
 MAINLINE STAGING 3A-3C - ASHLAND AVE TEXAS U TURN

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

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



NOTE:
 THIS SHEET DEPICTS THE EXISTING UTILITIES AND EXISTING GRADING IN LARGE AREAS SUGGESTED TO BE USED FOR STAGING GIRDER ERECTION AND OTHER ACTIVITIES. UTILITIES NOT SHOWN FOR REMOVAL, AS WELL AS PREVIOUSLY INSTALLED PROPOSED UTILITIES SHALL BE PROTECTED. NOT ALL FACILITIES HAVE BEEN SHOWN FOR CLARITY.



0168W28-ehs-StagingArea-SitePlan-01
 USER NAME: olivadem
 PLOT SCALE: 1" = 40.0000' / 1" = 131.234 m
 PLOT DATE: 5/28/2014

DESIGNED - AFC	REVISED - 5/27/2014
DRAWN - AFC	REVISED -
CHECKED - DBM	REVISED -
DATE - 4/28/2014	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

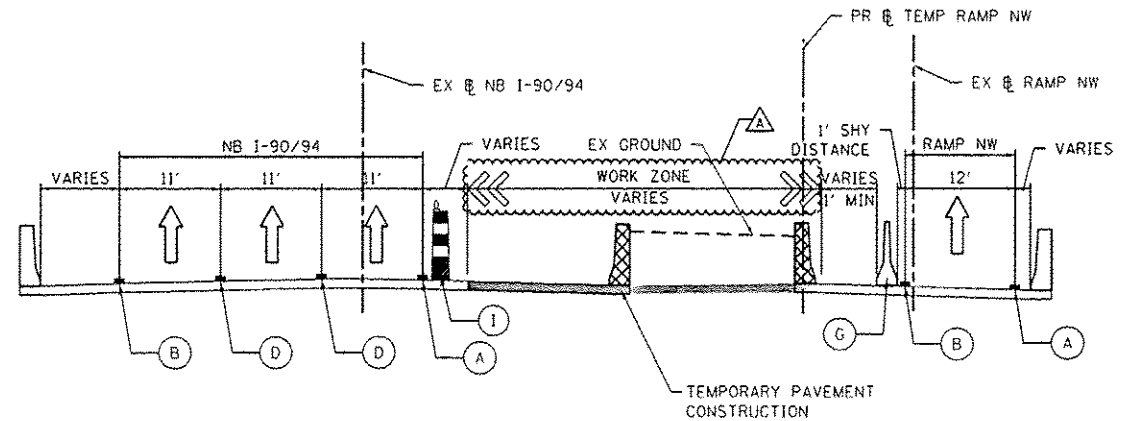
STAGING AREA SITE PLAN

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

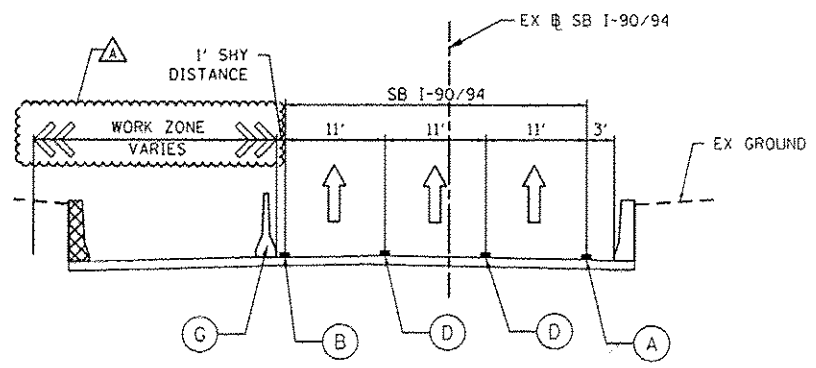
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	9882
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	

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

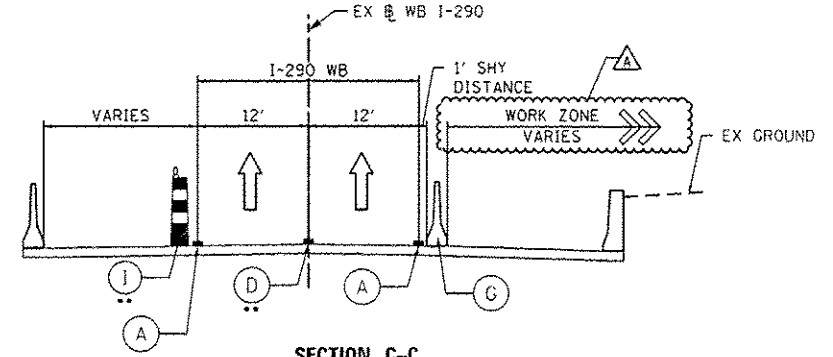
- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMP ATTN TEMP FRN TL3
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS @ 100' C-C (TYP) ON TANGENTS
- (J) DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
- (K) REL TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (L) IMP ATTN REL FRN TL3
- (M) TEMP EPOXY PVT MK LINE 8 (3' DASH, 9' SKIP)



SECTION A-A
SCALE: NONE
SEE SHEET NO. 116
STAGE 1

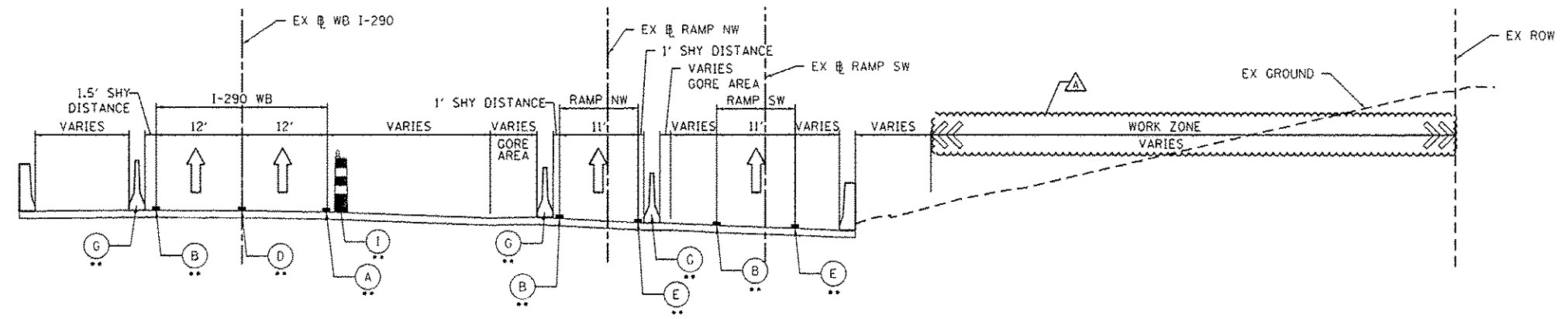


SECTION B-B
SCALE: NONE
SEE SHEET NO. 116
STAGE 1



SECTION C-C
SCALE: NONE
SEE SHEET NO. 116
STAGE 1

•• TO REMAIN FROM CONTRACT 60W26



SECTION A-A
SCALE: NONE
SEE SHEET NO. 117
STAGE 1

•• TO REMAIN FROM CONTRACT 60W26

I:\Projects\60W26\Station\Station\116\116.dgn
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USER NAME - ppatel2	DRAWN - NSA	REVISED -
PLOT SCALE - 10.0000 1/16"	CHECKED - KCF	REVISED -
PLOT DATE - 5/24/2014	DATE - 04/28/14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN			
MAINLINE STAGING 1 TYPICAL SECTIONS			
SCALE: NONE	SHEET 1	OF 5 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	99
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				

