

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	1
ILLINOIS CONTRACT NO. 60W25			* 317-23-294	

FOR INDEX OF SHEETS AND STANDARDS SEE SHEET NO. 2

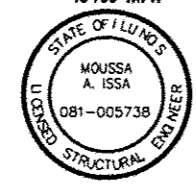
STATE OF ILLINOIS 08-02-13 LETTING ITEM 017
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

DESIGN DESIGNATIONS:
 MORGAN STREET 4,000(2040) LOCAL STREET (URBAN)
 I-290 EXIT RAMP 5,000(2040) INTERSTATE
 WB I-290 92,000(2040) INTERSTATE
 EB I-290 105,000(2040) INTERSTATE

POSTED /DESIGN SPEEDS:
 30 /30 MPH
 30 /30 MPH
 45 /50 MPH
 45 /50 MPH



Danny B. Manojlovski 5/14/13
 DANNY B. MANOJLOVSKI DATE
 LICENSE EXPIRES 11/30/2013
 SHEET RANGE 1-86, 90-91, 93-115
 267-317



Moussa A. Issa 5/14/13
 MOUSSA A. ISSA DATE
 LICENSE EXPIRES 11/30/2014
 SHEET RANGE 116-121, 145-232



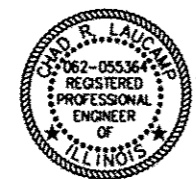
Anna Chiu 5/14/13
 ANNA CHIU DATE
 LICENSE EXPIRES 11/30/2013
 SHEET RANGE 1-86, 90-91, 93-115
 267-317



William D. Stermer 5/14/13
 WILLIAM D. STERMER DATE
 LICENSE EXPIRES 11/30/2013
 SHEET RANGE 122-130, 141-144

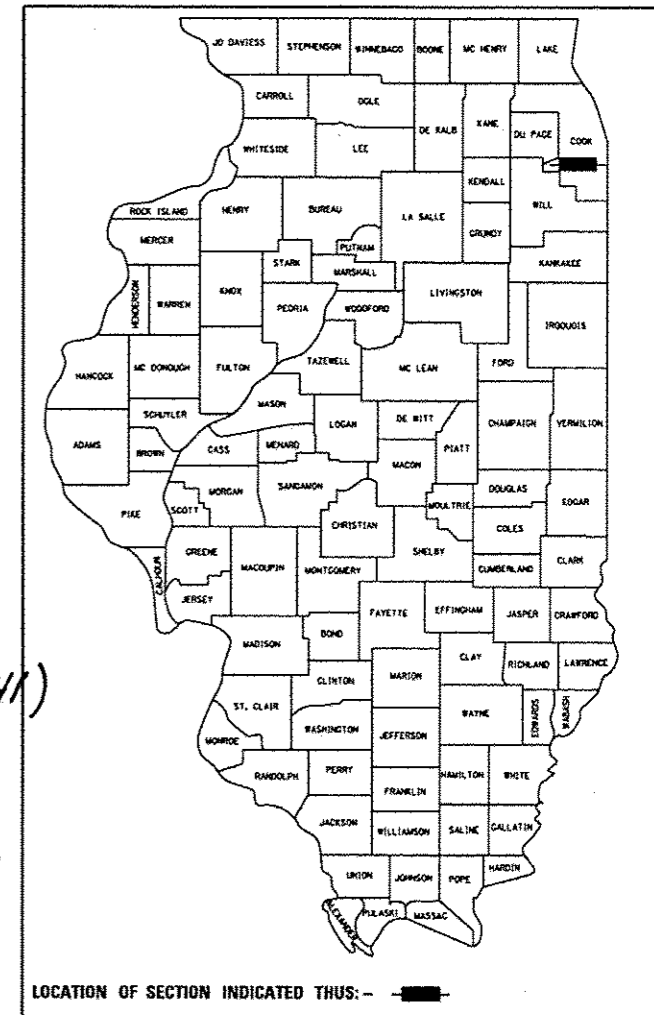


Christopher L. Krueger 5/14/13
 CHRISTOPHER L. KRUEGER DATE
 LICENSE EXPIRES 11/30/2013
 SHEET RANGE 131-140



Chad B. Laucamp 5/14/13
 CHAD B. LAUCAMP DATE
 LICENSE EXPIRES 11/30/2013
 SHEET RANGE 87-89

**PROPOSED
 HIGHWAY PLANS**
 FAI ROUTE 90/94
 MORGAN STREET BRIDGE AT
 I-290/CONGRESS PARKWAY (CIRCLE INTERCHANGE)
 SECTION 2013-007R
 RECONSTRUCTION, BRIDGE REPLACEMENT,
 LIGHTING, TRAFFIC SIGNALS,
 AND WATERMAIN PROJECT: NHPP-0005(941)
 COOK COUNTY
 C-91-227-13



NPDES PERMIT INFORMATION

NPDES Disturbed
 Area = 1.18 Acres

Approximate Location of Roadway is :
 Longitude 87° 39' 06.49" W
 Latitude 41° 52' 32.05" N

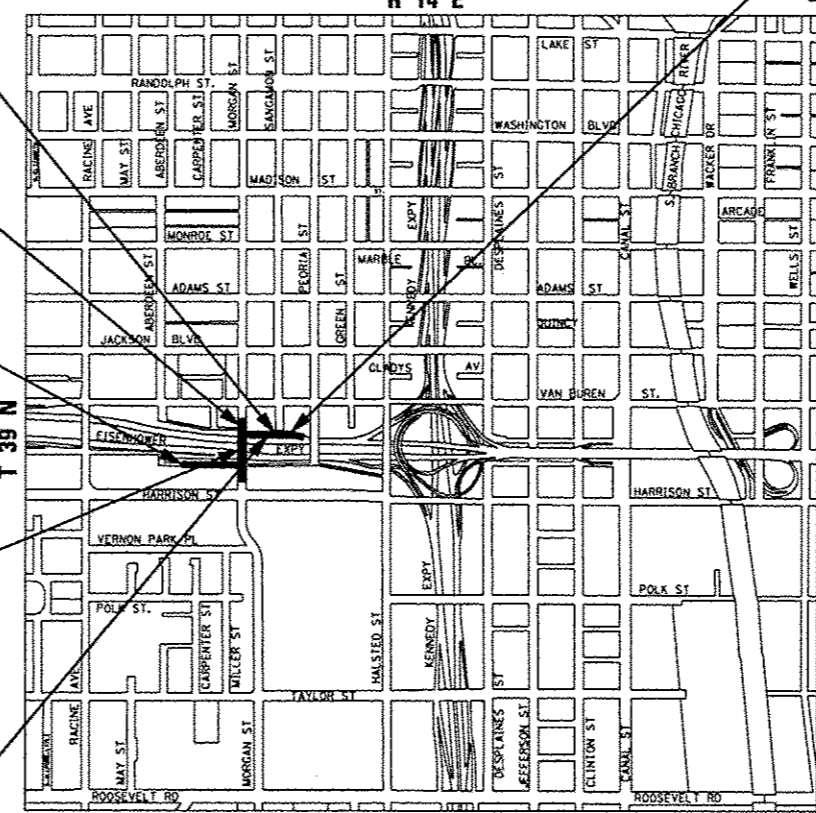
MORGAN STREET EXIT RAMP:
 STA 1002+45.00 STA 1006+25.00

MORGAN STREET: STA 3601+95.00
 TO STA 3606+60.00

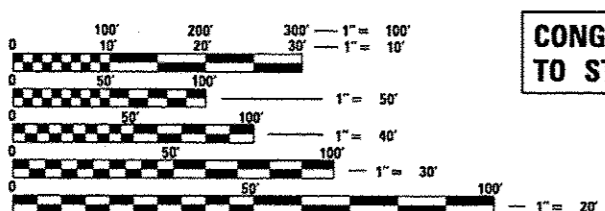
CONGRESS PARKWAY: STA 3305+05.00
 TO STA 3306+83.81

MORGAN STREET BRIDGE
 SN 016-1709
 STA 3603+28.39 TO
 STA 3605+76.06

RETAINING WALL
 SN 016-1724
 STA 5248+93.99 TO
 STA 5248+63.83



RETAINING WALL
 SN 016-1725
 STA 5248+27.20 TO
 STA 5243+74.55



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

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

PROJECT ENGINEER: ADDIS ABEBAW
 PROJECT MANAGER: BRIAN KUTTAB
 CONTRACT NO. 60W25

LOCATION MAP
 THIS PROJECT IS LOCATED IN THE CITY OF CHICAGO
 GROSS LENGTH = 1023.81 FT. (0.194 MILES)
 NET LENGTH = 1023.81 FT. (0.194 MILES)



STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED 5/9/13 2013
John D. Baranzelli, PE
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

June 28 2013
John D. Baranzelli, PE
 ENGINEER OF DESIGN AND ENVIRONMENT

June 28 2013
Omer Osman, PE
 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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FILE PATH: \\s08098\p\m\l\descomp\l\m\l\sc\p\Misc\Comp Documents\Illinois\Transportation\2013\2013-007R_Civil\Phase 1\1000_CDD\000_Roadway\Standards\Std25_IndexofSheets.dwg



016W25-ent-00note-01
USER NAME: t.chino
PLOT SCALE: 5/8,0000 / in.
PLOT DATE: 6/14/2013

DESIGNED - AFC	REVISED -
DRAWN - AFC	REVISED -
CHECKED - DBM	REVISED -
DATE - 6/17/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF DRAWINGS, STANDARDS, AND COMMITMENTS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	2
CONTRACT NO. 60W25				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

- SEVENTY-TWO (72) HOURS BEFORE STARTING EXCAVATION, THE CONTRACTOR SHALL CALL DIGGER (CHICAGO UTILITY ALERT NETWORK) AT (312) 744-7000 TO HAVE THE LOCATION OF EXISTING UNDERGROUND UTILITIES MARKED IN THE FIELD.
- 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.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS TO PERFORM WORK.
- CONTRACTOR TO PROVIDE 10 FOOT TRANSITIONS TO MEET EXISTING CURB AND GUTTER AND BARRIER WALL.
- ALL ELEVATIONS IN THE PLANS ARE BASED UPON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- THE IDOT HIGHWAY STANDARDS LATEST REVISION NUMBERS SHALL APPLY TO THIS PROJECT.
- 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.
- 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.
- 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.
- THE CONTRACTOR MUST 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.
- THE CONTRACTOR MUST CALL THE IDOT ELECTRICAL MAINTENANCE CONTRACTOR TO LOCATE IDOT FACILITY CABLES.
- CHICAGO TRANSIT AUTHORITY (CTA) REPRESENTATIVE WILL BE MR. DAVID HEARD, MANAGER CONSTRUCTION MANAGEMENT OVERSITE. CONTRACTOR SHALL NOTIFY CTA REPRESENTATIVE 72 HOURS IN ADVANCE OF THE TIME HE INTENDS TO ENTER UPON THE CTA RIGHT-OF-WAY FOR THE PERFORMANCE OF ANY WORK.
- PLAN DIMENSIONS AND DETAILS RELATIVE TO CHICAGO TRANSIT AUTHORITY (CTA) TRACK ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY THE MINIMUM HORIZONTAL CLEARANCE DIMENSIONS FROM CENTERLINE OF TRACK TO THE FACE OF THE PROPOSED PIER PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. THE ALLOWABLE HORIZONTAL PERMANENT CLEARANCE SHALL BE 7-2L MINIMUM FROM CENTERLINE OF TRACK TO EDGE OF PIER, AND THE ALLOWABLE HORIZONTAL TEMPORARY CLEARANCE DURING CONSTRUCTION SHALL BE 6-1L FROM CENTERLINE OF TRACK TO EDGE OF PIER. A MINIMUM VERTICAL CLEARANCE OF 14-6L OF THE HIGH RUNNING RAIL OF THE CTA TRACK SHALL BE PROVIDED AT ALL TIMES.
- COMMONWEALTH EDISON (COMED) UTILIZES TWO EXISTING DUCT PACKAGES NEAR THE CENTERLINE OF MORGAN STREET AND SUPPORTED ACROSS THE EISENHOWER (I-290) BY THE MORGAN STREET BRIDGE STRUCTURE. THE DUCT PACKAGES WILL BE REPLACED BY COMED DURING CONSTRUCTION. ONE DUCT PACKAGE WILL REMAIN IN SERVICE AT ALL TIMES. WORK RELATED TO BRIDGE DEMOLITION MUST NOT TAKE PLACE UNTIL AFTER COMED HAS REMOVED ALL SERVICE AND DUCTS FROM THE AREA TO BE DEMOLISHED. WORK RELATED TO ABUTMENT CONSTRUCTION AND DECK PLACEMENT MUST BE COORDINATED WITH COMEDS PROPOSED DUCT INSTALLATION.
- THE PROPOSED EMBANKMENT SHALL BE BENCHED INTO THE EXISTING SLOPES TO THE SATISFACTION OF THE ENGINEER. SEE DISTRICT 1 DETAILS FOR BENCHING DETAIL.
- WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 INCH WHERE THE SPEED LIMIT IS 45 MPH OR LESS, AND 1 INCH WHERE THE SPEED LIMIT IS OVER 45 MPH, WITH WRITTEN APPROVAL FROM THE RESIDENT ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM OF 1:3 (V:H).

- ALL ROADWAY WIDTHS AND RADII SHOWN ON THE PLANS ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- RIM ELEVATIONS AND OFFSETS TO CATCH BASINS, INLETS, AND MANHOLES ARE TO THE EDGE OF PAVEMENT OR TO THE CENTER OF STRUCTURE UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- 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.
- 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.
- PROTECTIVE COAT SHALL BE APPLIED IN ACCORDANCE WITH ARTICLE 420.18 OF THE STANDARD SPECIFICATIONS TO CONCRETE MEDIAN SURFACES AND BARRIER, APPROACH AND SHOULDER SLABS, AND ALL EXPOSED SURFACES OF CURBS AND GUTTERS.
- THE ENTIRE AREA WHICH IS TO RECEIVE BITUMINOUS MATERIALS (PRIME COAT) SHALL BE SWEEPED CLEAN BEFORE THE MATERIAL APPLICATION. SWEEPINGS SHALL NOT BE DEPOSITED IN THE GUTTER OR ON THE CURB, PARKWAY, OR SIDEWALK, BUT SHALL BE PICKED UP AND DISPOSED OF PROPERLY BEYOND THE LIMITS OF THE PROJECT ON THE SAME DAY THAT SWEEPING IS DONE. THIS WORK SHALL BE INCLUDED IN THE COST OF BITUMINOUS MATERIALS (PRIME COAT). NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
- ALL REINFORCEMENT BARS, DOWEL BARS, AND TIE BARS SHOULD BE EPOXY COATED UNLESS OTHERWISE NOTED IN THE PLANS.
- 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.
- DRAINAGE GRADES SHALL BE VERIFIED IN FIELD PRIOR TO INSTALLATION OF DRAINAGE ITEMS.
- CONNECTING EXISTING STORM SEWERS TO THE PROPOSED DRAINAGE SYSTEM SHALL BE CONSIDERED INCLUDED IN THE PROPOSED DRAINAGE ITEMS. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE ON JOB SITE DURING CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING EXISTING PLANT MATERIAL.
- REMOVAL OF EXISTING BICYCLE RACKS, CHICAGO TRANSIT AUTHORITY (CTA) APPURTENANCES, AND NEWSPAPER STANDS SHALL BE INCLUDED IN THE COST OF REMOVAL OF EXISTING STRUCTURES NO. 1. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
- THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE COURSE AND BINDER COURSE IS 112 LB / SO YD / IN.
- AN ESTIMATED QUANTITY OF 250 TONS OF AGGREGATE FOR TEMPORARY ACCESS HAS BEEN INCLUDED IN THIS CONTRACT FOR THE PURPOSE OF MAINTAINING ACCESS TO PRIVATE PROPERTY AND SIDE ROADS THROUGH CONSTRUCTION OPERATIONS DURING THIS CONTRACT.
- THE QUANTITY FOR BITUMINOUS MATERIALS (PRIME COAT) WAS DETERMINED USING AN APPLICATION RATE OF 0.0004 TON/SO YD.
- THE QUANTITY FOR AGGREGATE (PRIME COAT) WAS DETERMINED USING AN APPLICATION RATE OF 0.002 TON/SO YD.
- THE CONTRACTOR MUST MAINTAIN ACCESS TO DRIVEWAY ENTRANCE AT 933 W. VAN BUREN STREET PARKING GARAGE NORTH OF THE MORGAN STREET AND TILDEN STREET INTERSECTION AT ALL TIMES.

CITY OF CHICAGO

- THE CONVERSION OF NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) TO CITY OF CHICAGO DATUM IS APPROXIMATELY 579.19 FEET.
- ALL WORK MUST CONFORM TO THE MOST CURRENT CITY OF CHICAGO STANDARDS FOR CONSTRUCTION IN COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT, (ADA) AVAILABLE ON THE CITY OF CHICAGO WEBSITE.
- CURB AND GUTTER CONSTRUCTION SHALL PROVIDE A MINIMUM CURB HEIGHT OF 3 INCHES AND MAXIMUM OF 9 INCHES.
- TEMPORARY HOT-MX ASPHALT RAMPS MUST BE CONSTRUCTED AROUND ALL UTILITY STRUCTURES REGARDLESS OF SHAPE WHEN THE ROAD IS OPEN TO TRAFFIC PRIOR TO PLACEMENT OF BINDER AND/OR SURFACE COURSE. THE RAMPS MUST BE CONSTRUCTED IN ACCORDANCE WITH THE TEMPORARY HMA RAMP DETAILS AND REMOVED PRIOR TO PLACEMENT OF BINDER AND/OR SURFACE COURSE.
- THE LOCATIONS AND ELEVATIONS OF EXISTING SEWERS AND SEWER STRUCTURES SHOWN ON THE PLANS AND PROFILES HAVE BEEN OBTAINED FROM DRAWINGS AND ATLASES AND THE INFORMATION IS NOT GUARANTEED. THE RESIDENT ENGINEER AND THE CONTRACTOR SHALL FIELD VERIFY THE CITY'S EXISTING SEWER FACILITIES INCLUDING PUBLIC AND PRIVATE DRAIN CONNECTIONS IN THE LIMITS OF THE REFERENCED PROJECT FOR ANY CONFLICTS DUE TO THE PROPOSED IMPROVEMENTS. ANY CONFLICT SHOULD BE RESOLVED WITH THE DEPARTMENT OF WATER MANAGEMENT PRIOR TO START OF CONSTRUCTION.
- IN LOCATIONS WHERE THE MAIN SEWER IS NOT BEING REPLACED AND THE EXISTING DRAINAGE FACILITIES ARE DISTURBED OR DAMAGED DURING CONSTRUCTION BY THE CONTRACTOR, IT WILL BE THE CONTRACTORS RESPONSIBILITY TO RESTORE AND REPLACE THE DAMAGED FACILITIES AT HIS/HER EXPENSE TO THE SATISFACTION OF THE DEPARTMENT OF WATER MANAGEMENT. THE SEWER FLOWS MUST BE MAINTAINED AT ALL TIMES.
- IN CASE OF ANY DAMAGE TO THE CITY'S SEWER SYSTEM, PRIVATE AND PUBLIC DRAIN CONNECTIONS, THE CONTRACTOR SHALL CONTACT THE CHICAGO DEPARTMENT OF WATER MANAGEMENT IMMEDIATELY AT (312) 747-8117 OR (312) 747-7893. THE CONTRACTOR SHALL AT HIS/HER OWN EXPENSE, REPLACE THE AFFECTED SEWERS, DRAIN CONNECTIONS, AND SEWER STRUCTURES AS NECESSARY. THE SEWER FLOW MUST BE MAINTAINED AT ALL TIMES.
- CITY OF CHICAGO WATER VALVE VAULTS AND SEWER STRUCTURES SHALL NOT BE CLOSED, COVERED OR OTHERWISE OBSTRUCTED DURING CONSTRUCTION WITHOUT WRITTEN PERMISSION FROM THE CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT.
- THE WATER MAIN SHUTDOWN REQUIRED TO PERFORM THE WORK WILL ONLY BE ALLOWED BETWEEN OCTOBER 1ST AND MAY 1ST. THE WORK MUST BE SUBSTANTIALLY COMPLETE IN ORDER TO PLACE THE WATER MAIN BACK INTO SERVICE ON OR BEFORE MAY 1ST. CONTACT CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT FOR SHUTDOWN OF WATER MAIN AT (312) 744-5070. CONTACT SHALL BE MADE NO LESS THAN 7 DAYS PRIOR TO DESIRED SHUTDOWN.
- AS-BUILT PLANS MUST BE SUBMITTED RIGHT AFTER WORK COMPLETION. FINAL PAYMENT SHALL NOT BE MADE TO THE CONTRACTOR UNTIL THE DEPARTMENT OF WATER MANAGEMENT ACKNOWLEDGES RECEIPT OF AS-BUILT PLANS.
- 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.
- THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE DEPARTMENT OF TRANSPORTATION OF ANY DAMAGE TO CITY OWNED AND MAINTAINED TRAFFIC SIGNS, SIGNALS, GUARDRAILS, FENCES, ETC.
- THE CONTRACTOR SHALL SAWCUT A MINIMUM DEPTH OF ONE AND A HALF INCHES (1 1/2") WITH A CONCRETE SAWING MACHINE, TO PREVENT THE SURFACE FROM SPALLING WHEN THE SURFACE COURSE AND THE BASE COURSE ARE BROKEN. THE WORK SHALL BE DONE IN SUCH A MANNER THAT A STRAIGHT JOINT IS SECURED. THE CONTRACTOR SHALL SAWCUT THE PAVEMENT FULL DEPTH FOR PATCHES AND AROUND STRUCTURES. AT CONCRETE CURB AND GUTTER CONTRACTOR SHALL SAWCUT TO THE BASE OF THE CURB AND GUTTER. ALL SAWCUTTING REQUIRED WHETHER OR NOT SPECIFIED ON THE PLANS SHALL BE INCLUDED IN THE COST OF THE ADJACENT REMOVAL PAY ITEMS. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
- 1/2-INCH THICK EXPANSION JOINTS SHALL BE PLACED BETWEEN THE SIDEWALK AND ALL STRUCTURES SUCH AS LIGHT STANDARDS, TRAFFIC LIGHT STANDARDS, AND MANHOLES WHICH EXTEND THROUGH THE SIDEWALK UNLESS OTHERWISE NOTED ON THE PLANS. THIS WORK SHALL BE INCLUDED IN THE COST OF THE PORTLAND CEMENT CONCRETE SIDEWALK PAY ITEM. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.

FILE PATH: c:\p\1308203\p\1308203\1308203.dwg; PROJECT: 1308203; SHEET: 317 OF 4; DATE: 6/13/2013; TIME: 10:00:00 AM; USER: r.chiu



DWGNO: 1308203-01	DESIGNED - AFC	REVISED -
USER: r.chiu	DRAWN - AFC	REVISED -
PLOT SCALE: 50.0000 / in.	CHECKED - DBM	REVISED -
PLOT DATE: 6/13/2013	DATE - 6/13/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	4
CONTRACT NO. 60W25				
ILLINOIS FED. AID PROJECT				

90% FED.
10% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE						
				ROADWAY	BRIDGE	RETAINING WALL	LIGHTING	TRAFFIC SIGNALS	UTILITY	
				0004 URBAN	0011 016-1709	0040 016-1724	0021 URBAN	0021 URBAN	0043 URBAN	
* 25200200	SUPPLEMENTAL WATERING	UNIT	50	50						
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	107.75	107.75						
28000400	PERIMETER EROSION BARRIER	FOOT	1908	1908						
28000510	INLET FILTERS	EACH	78	78						
30300104	AGGREGATE SUBGRADE IMPROVEMENT 4"	50 YD	3524	3524						
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	50 YD	1296	1296						
31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	50 YD	1444	1444						
35300400	PORTLAND CEMENT CONCRETE BASE COURSE 9"	50 YD	1297	1297						
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	250	250						
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	0.8	0.8						
40600300	AGGREGATE (PRIME COAT)	TON	3	3						
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	164	164						
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	109	109						
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	0.1	0.1						
42001200	PAVEMENT FABRIC	50 YD	1623	1623						

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM

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D160425-411-500
 USER NAME: j.pisano
 PLOT SCALE: 1/8" = 1'-0"
 PLOT DATE: 5/16/2013

DESIGNED - JWM
 DRAWN - JWM
 CHECKED - AC
 DATE - 5/14/2013

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 2 OF 21 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	6
CONTRACT NO. 60W25			ILLINOIS FED. AID PROJECT	

Rev

90% FED.
10% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE						
				ROADWAY	BRIDGE	RETAINING WALL	LIGHTING	TRAFFIC SIGNALS	UTILITY	
				0004 URBAN	0011 016-1709	0040 016-1724	0021 URBAN	0021 URBAN	0043 URBAN	
42001300	PROTECTIVE COAT	SO YD	2263	2263						
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SO YD	59	59						
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	2269	2269						
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SO FT	1598.5	1598.5						
44000100	PAVEMENT REMOVAL	SO YD	1690	1690						
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	83	83						
44000300	CURB REMOVAL	FOOT	26	26						
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1489	1489						
44000600	SIDEWALK REMOVAL	SO FT	3919	3919						
44001980	CONCRETE BARRIER REMOVAL	FOOT	477	477						
44004250	PAVED SHOULDER REMOVAL	SO YD	480	480						
44201019	CLASS B PATCHES, TYPE II, 14 INCH	SO YD	7	7						
44201023	CLASS B PATCHES, TYPE III, 14 INCH	SO YD	32	32						
44201025	CLASS B PATCHES, TYPE IV, 14 INCH	SO YD	297	297						

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM

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DIG0425-sh1-500
 USER NAME = pmsprno
 PLOT SCALE = 1/8" = 1' in.
 PLOT DATE = 5/16/2013

DESIGNED - JWM
 DRAWN - JWM
 CHECKED - AC
 DATE - 5/14/2013

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 3 OF 21 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	7
CONTRACT NO. 60W25			ILLINOIS FED. AID PROJECT	

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CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE						
				ROADWAY	BRIDGE	RETAINING WALL	LIGHTING	TRAFFIC SIGNALS	UTILITY	
				0004 URBAN	0011 016-1709	0040 016-1724	0021 URBAN	0021 URBAN	0043 URBAN	
56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	3	3						
58700300	CONCRETE SEALER	SO FT	9023		9023					
59100100	GEOCOMPOSITE WALL DRAIN	SO YD	447		391	56				
59300100	CONTROLLED LOW STRENGTH MATERIAL	CU YD	845							
60107700	PIPE UNDERDRAINS 6"	FOOT	142	142						
60108200	PIPE UNDERDRAINS 6" (SPECIAL)	FOOT	6	6						
60200805	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE B GRATE	EACH	1	1						
60201310	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 20 FRAME AND GRATE	EACH	4	4						
60201340	CATCH BASINS, TYPE A 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	3	3						
60206210	CATCH BASINS, TYPE C, TYPE 20 FRAME AND GRATE	EACH	3	3						
60218400	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1						
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	1	1						
60237420	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	EACH	2	2						
60250200	CATCH BASINS TO BE ADJUSTED	EACH	7	7						
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	2	2						

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM

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0160W25-ah-500
 USER NAME: jplmsprno
 PLOT SCALE: 1/8" = 1'-0"
 PLOT DATE: 5/16/2013

DESIGNED - JWM
 DRAWN - JWM
 CHECKED - AC
 DATE - 5/14/2013

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 6 OF 21 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	10
CONTRACT NO. 60W25			ILLINOIS FED. AID PROJECT	

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CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	ROADWAY	BRIDGE	RETAINING WALL	LIGHTING	TRAFFIC SIGNALS	UTILITY
				0004	0011	0040	0021	0021	0043
				URBAN	016-1709	016-1724	URBAN	URBAN	URBAN
60253800	CATCH BASINS TO BE RECONSTRUCTED WITH NEW TYPE 8 GRATE	EACH	1	1					
60255500	MANHOLES TO BE ADJUSTED	EACH	1	1					
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	1	1					
60500040	REMOVING MANHOLES	EACH	3	3					
60500050	REMOVING CATCH BASINS	EACH	12	12					
60500060	REMOVING INLETS	EACH	2	2					
60600605	CONCRETE CURB, TYPE B	FOOT	78	78					
60602800	CONCRETE GUTTER, TYPE B	FOOT	515	515					
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6. 24	FOOT	296.5	296.5					
63700175	CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT	FOOT	409	409					
63700805	CONCRETE BARRIER TRANSITION	FOOT	120	120					
63700900	CONCRETE BARRIER BASE	FOOT	777	777					
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	487	487					
* 64300260	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	1	1					

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM

FILE PATH: p:\388591-pun1\section\1\m\1001\PROJECT\Drawings\Documents\Illinois\Transportation\60605000 Concrete Shrub, 11.08.12\60605000 Concrete Shrub\Sheets\60605000 Concrete Shrub\60605000.dwg



D168425-ah-500
USER NAME: p1madrno
PLOT SCALE: 1/8" = 1'-0"
PLOT DATE: 5/16/2013

DESIGNED - JWM
DRAWN - JWM
CHECKED - AC
DATE - 5/14/2013

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 7 OF 21 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	11
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W25	

Rev.

90% FED.
10% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE						
				ROADWAY	BRIDGE	RETAINING WALL	LIGHTING	TRAFFIC SIGNALS	UTILITY	
				0004 URBAN	0011 016-1709	0040 016-1724	0021 URBAN	0021 URBAN	0043 URBAN	
* 72900100	METAL POST - TYPE A	FOOT	39	39						
* 73304000	OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	FOOT	109		109					
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	284	284						
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	766	766						
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1469	1469						
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	29	29						
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	347	347						
* 78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	7104	7104						
* 78005120	EPOXY PAVEMENT MARKING - LINE 5"	FOOT	1912	1912						
* 78005130	EPOXY PAVEMENT MARKING - LINE 6"	FOOT	38	38						
* 78005140	EPOXY PAVEMENT MARKING - LINE 8"	FOOT	394	394						
* 78005150	EPOXY PAVEMENT MARKING - LINE 12"	FOOT	110	110						
* 78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SO FT	78	78						
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	936	936						

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM

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D160W25-ht-500
 USER NAME * pmlaor/no
 PLOT SCALE * 1/8000 1" = 100'
 PLOT DATE * 5/16/2013

DESIGNED - JWM
 DRAWN - JWM
 CHECKED - AC
 DATE - 5/14/2013

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 10 OF 21 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-007R	COUNTY COOK	TOTAL SHEETS 317	SHEET NO. 14
CONTRACT NO. 60W25			ILLINOIS FED. AID PROJECT	

Rev

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				ROADWAY	BRIDGE	RETAINING WALL	LIGHTING	TRAFFIC SIGNALS	UTILITY	
				0004 URBAN	0011 016-1709	0040 016-1724	0021 URBAN	0021 URBAN	0043 URBAN	
* 82107200	UNDERPASS LUMINAIRE, 100 WATT, HIGH PRESSURE SODIUM VAPOR	EACH	12				12			
83050825	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 15 FT. DAVIT ARM	EACH	4				4			
03600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	52				52			
83000200	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	4				4			
* 84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	23				23			
* 84200804	REMOVAL OF POLE FOUNDATION	EACH	7				7			
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1					1		
87301727	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 19 GC	FOOT	1034				1034			
* 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	394				394			
* 87301815	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 3 C	FOOT	1034				1034			
* 87502690	TRAFFIC SIGNAL POST, ALUMINUM 15 FT.	EACH	2					2		
* 87900200	DRILL EXISTING HANDHOLE	EACH	10				10			
* 88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	8					8		
* 88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	9					9		
* 88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	8					8		

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM



DIGW25-sht-500
 USER NAME: pmsornd
 PLOT SCALE: 1/8" = 1'-0"
 PLOT DATE: 5/16/2013

DESIGNED - JWM
 DRAWN - JWM
 CHECKED - AC
 DATE - 5/14/2013
 REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 13 OF 21 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	17
CONTRACT NO. 60W25			ILLINOIS FED. AID PROJECT	

Rev.

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CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE							
				ROADWAY	BRIDGE	RETAINING WALL	LIGHTING	TRAFFIC SIGNALS	UTILITY		
				0004 URBAN	0011 016-1709	0040 016-1724	0021 URBAN	0021 URBAN	0043 URBAN		
88600100	DETECTOR LOOP, TYPE I	FOOT	183							183	
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1								1
* 89502380	REMOVE EXISTING HANDHOLE	EACH	4								4
* 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	6								6
* X0322141	REMOVE TEMPORARY WOOD POLE	EACH	1						1		
X0322400	PILE EXTRACTION	EACH	26		26						
* X0322689	POLE, STEEL, ANCHOR BASE, 10" DIA., 7-GAUGE, 34' - 6"	EACH	1								1
X0323044	COARSE SAND PLACEMENT	SO YD	426	426							
X0324198	REMOVAL OF ASBESTOS CEMENT CONDUIT	FOOT	1280							1280	
X0324345	COMBINED SEWER REMOVAL 24"	FOOT	34	34							
X0324455	DRILLING AND SETTING SOLDIER PILES (IN SOIL)	CU FT	1358								1358
* X0324571	MAINTENANCE OF STREET LIGHTING SYSTEM (CITY OF CHICAGO)	L SUM	1						1		
X0325207	TELEVISION INSPECTION OF SEWER	FOOT	4191	4191							
* X0326148	TEMPORARY WOOD POLE, 60 FT., CLASS 4, 15 FT. MAST ARM	EACH	3						3		

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM

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 USER NAME = pmsorino
 PLOT SCALE = 1/8" = 1'-0"
 PLOT DATE = 5/16/2013

DESIGNED - JWM REVISED -
 DRAWN - JWM REVISED -
 CHECKED - AC REVISED -
 DATE - 5/14/2013 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 14 OF 21 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-007R	COUNTY COOK	TOTAL SHEETS 317	SHEET NO. 18
CONTRACT NO. 60W25			ILLINOIS FED. AID PROJECT	

Rev.

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CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE						
				ROADWAY	BRIDGE	RETAINING WALL	LIGHTING	TRAFFIC SIGNALS	UTILITY	
				0004 URBAN	0011 016-1709	0040 016-1724	0021 URBAN	0021 URBAN	0043 URBAN	
* X0370021	ELECTRICAL HANDHOLE, 30", 24" FRAME AND LID (CDOT)	EACH	1					1		
* X0370022	ELECTRICAL HANDHOLE, HEAVY DUTY, 36", 24" FRAME AND LID (CDOT)	EACH	1					1		
* X0370023	ELECTRICAL MANHOLE, 3' X 4' X 4', 24" FRAME AND LID (CDOT)	EACH	2				1	1		
* X0370028	HARNESS CABLE, NO. 16 B/C (CDOT)	FOOT	340						340	
* X0370031	POLE, STEEL, ANCHOR BASE, 12-1/2" DIA. 3-GAUGE, 34' -6" (CDOT)	EACH	2						2	
* X0370042	VIDEO CABLE HARNESS (CDOT)	EACH	3						3	
* X0370044	VIDEO DETECTION POWER SUPPLY (CDOT)	EACH	1						1	
* X0370047	INSTALL LIGHT POLE, MAST ARM AND LUMINAIRE (CHICAGO)	EACH	10				10			
* X0370049	UNDERGROUND CONDUIT, PVC, 2" DIA., SCHEDULE 80 (CDOT)	FOOT	520				520			
* X0370050	ADVANCED TRANSPORTATION CONTROLLER, TRAFFIC, 16 LOAD BAY, P CABINET (CDOT)	EACH	1						1	
* X0370052	ELECTRIC CABLE IN CONDUIT NO. 4, 2/C (CDOT)	FOOT	97						97	
* X0370053	ELECTRIC CABLE IN CONDUIT, NO. 14 3/C, SHIELDED (CDOT)	FOOT	387						387	
* X0370054	INTERFACE PANEL, 4 CAMERA (CDOT)	EACH	1						1	
* X0370057	MAST ARM, STEEL, MONOTUBE 20 FT. (CDOT)	EACH	3						3	

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM

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D160W25-akt-500
 USER NAME: pmasor/no
 PLOT SCALE: 1:8000 1/4" = 100'
 PLOT DATE: 5/16/2013

DESIGNED - JWM
 DRAWN - JWM
 CHECKED - AC
 DATE - 5/14/2013
 REVISED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE: SHEET 16 OF 21 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-007R	COUNTY COOK	TOTAL SHEETS 317	SHEET NO. 20
CONTRACT NO. 60W25				
ILLINOIS FED. AID PROJECT				

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CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE						
				ROADWAY	BRIDGE	RETAINING WALL	LIGHTING	TRAFFIC SIGNALS	UTILITY	
				0004 URBAN	0011 016-1709	0040 016-1724	0021 URBAN	0021 URBAN	0043 URBAN	
* X0370058	MAST ARM, STEEL, MONOTUBE 26 FT. (CDOT)	EACH	1					1		
* X0370063	SERVICE INSTALLATION, 100 AMPERE (CDOT)	EACH	1					1		
* X0370064	UNDERGROUND CONDUIT, PVC, 3" DIA. SCHEDULE 80 (CDOT)	FOOT	603				300	363		
* X0370065	VIDEO DETECTION CARD RACK, FOUR CAMERA (CDOT)	EACH	1					1		
* X0370068	CONCRETE FOUNDATION, 24" DIAMETER, 1 1/4" ANCHOR RODS, 15" BOLT CIRCLE (CDOT)	EACH	7				6	1		
X2020502	BRACED EXCAVATION	CU YD	6372		4770	381				1221
X4240800	DETECTABLE WARNINGS (SPECIAL)	SO FT	98	80	18					
X4404000	PARKING LOT PAVEMENT REMOVAL	SO YD	61	61						
X5011100	FOUNDATION REMOVAL	EACH	12	12						
X5091730	BRIDGE FENCE RAILING (SPECIAL)	FOOT	180		180					
X5509900	ABANDON AND FILL EXISTING STORM SEWER	FOOT	59	59						
** X5537700	STORM SEWERS TO BE CLEANED 18"	FOOT	227	227						
** X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	138	138						
* X5538000	STORM SEWERS TO BE CLEANED 18"	FOOT	58	58						
X6020083	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID (CITY OF CHICAGO)	EACH	3	3						
X6020270	MANHOLES TYPE B, 4' DIA., TYPE 1 FRAME, CLOSED LID (CITY OF CHICAGO)	EACH	1	1						

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM



303 EAST WACKER DRIVE, SUITE 1100
CHICAGO, IL 60601-5276
PHONE: (312) 312-1700 FAX: (312) 312-1800

DWG# 25-sh1-500
USER NAME * pmsbrno
PLOT SCALE * 1/8" = 1' IN.
PLOT DATE * 5/16/2013

DESIGNED - JWM
DRAWN - JWM
CHECKED - AC
DATE - 5/14/2013

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 17 OF 21 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-007R	COUNTY COOK	TOTAL SHEETS 317	SHEET NO. 21
CONTRACT NO. 60W25			ILLINOIS FED. AID PROJECT	

Rev.

FILE PATH: \\s11288231\public\ascomp\jms\local\pwc\0808\Documents\17 Amer Coast Transport Station\62889438 Circle Phase II\1008 CAD\008 Roadway\Sheet\16125-Contract\1016125-sh1-500

FILE PATH: \\p1\138822\p1\138822\Documents\13\American1\Transportation\60256748_Circle\Phase_1\1388_C01\005_Roadway_Sheets\60W25_Contract\0160W25_sht-500

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				ROADWAY	BRIDGE	RETAINING WALL	LIGHTING	TRAFFIC SIGNALS	UTILITY	
				0004 URBAN	0011 016-1709	0040 016-1724	0021 URBAN	0021 URBAN	0043 URBAN	
X6022505	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, OPEN LID (CITY OF CHICAGO)	EACH	6	6						
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	15	15						
X6060505	CONCRETE CURB (SPECIAL)	FOOT	40	40						
X6061700	COMBINATION CONCRETE CURB AND GUTTER, TYPE B (SPECIAL)	FOOT	760	760						
X6370050	CONCRETE BARRIER WALL (SPECIAL)	FOOT	248	248						
X6430120	REMOVE IMPACT ATTENUATORS, NO SALVAGE	EACH	1	1						
X6640050	CHAIN LINK FENCE, 42" ATTACHED TO STRUCTURE (SPECIAL)	FOOT	20	20						
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	12	12						
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1						
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1						
X7013820	TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS	CAL DA	50	50						
* X7200105	SIGN PANEL - TYPE 1 (SPECIAL)	50 FT	49	49						
* X8510250	PAINT EXISTING POLE, POST OR CONTROLLER COMPLETE	EACH	1						1	
* X8730249	ELECTRIC CABLE IN CONDUIT, NO. 19 6/C	FOOT	1034				1034			
* X8730312	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 4/C, TWISTED, SHIELDED	FOOT	216				216			
* X8800101	PEDESTRIAN PUSH-BUTTON, SPECIAL	EACH	2						2	
* X8850102	INDUCTION LOOP	FOOT	177				177			

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM



DIGW25-sht-500
 USER NAME: p138822
 PLOT SCALE: 1.0000 1/16"
 PLOT DATE: 5/16/2013

DESIGNED - JWM
 DRAWN - JWM
 CHECKED - AC
 DATE - 5/14/2013
 REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 18 OF 21 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290
 SECTION 2013-007R
 COUNTY COOK
 TOTAL SHEETS 317
 SHEET NO. 22
 CONTRACT NO. 60W25
 ILLINOIS FED. AID PROJECT

Rev.

90% FED.
10% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE			LIGHTING 0021 URBAN	TRAFFIC SIGNALS 0021 URBAN	UTILITY 0043 URBAN
				ROADWAY 0004 URBAN	BRIDGE 0011 016-1709	RETAINING WALL 0040 016-1724			
X0327614	COMBINED SEWER REMOVAL 12"	FOOT	57	57					
Z0003855	BICYCLE RACKS	EACH	1	1					
Z0004552	APPROACH SLAB REMOVAL	SQ YD	296	296					
Z0007118	UNTREATED TIMBER LAGGING	SQ FT	5161			619	4542		
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1					
Z0022800	FENCE REMOVAL	FOOT	282	282					
Z0026402	FURNISHING SOLDIER PILES (HP SECTION)	FOOT	212						212
Z0026404	FURNISHING SOLDIER PILES (W SECTION)	FOOT	7464			1685	5779		
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	146	146					
* Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	3				3		
* Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	6				6		
* Z0033050	COAXIAL CABLE IN CONDUIT	FOOT	387						387
Z0046306	PIPE UNDERDRAINS FOR STRUCTURES 6"	FOOT	250		203	47			
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1					

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM



0160W25-sht-500
USER NAME = p1m3or10
PLOT SCALE = 1:8000 / 1 in.
PLOT DATE = 5/16/2013

DESIGNED - JWM
DRAWN - JWM
CHECKED - AC
DATE - 5/14/2013

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 19 OF 21 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-007R	COUNTY COOK	TOTAL SHEETS 317	SHEET NO. 23
CONTRACT NO. 60W25			ILLINOIS FED. AID PROJECT	

Rev.

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90% FED.
10% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				ROADWAY	BRIDGE	RETAINING WALL	LIGHTING	TRAFFIC SIGNALS	UTILITY	
				0004 URBAN	0011 016-1709	0040 016-1724	0021 URBAN	0021 URBAN	0043 URBAN	
Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	34	34						
Z0062456	TEMPORARY PAVEMENT	SO YD	1053	1053						
Z0073002	TEMPORARY SOIL RETENTION SYSTEM	SO FT	1398		1332	66				
Z0076600	TRAINEES	HOUR	0							
X0370069	COMBINED SEWER (EXTRA STRENGTH VITRIFIED CLAY PIPE) 8 INCH (CDOT)	FOOT	26	26						
X0370070	COMBINED SEWER (WATER MAIN REQUIREMENTS) 8 INCH (CDOT)	FOOT	92	92						
X0370071	COMBINED SEWER (WATER MAIN REQUIREMENTS) 12 INCH (CDOT)	FOOT	54	54						
X0370072	COMBINED SEWER (WATER MAIN REQUIREMENTS) 24 INCH (CDOT)	FOOT	20	20						
X0327615	COMBINED SEWER REMOVAL 8"	FOOT	83	83						
X6640704	TEMPORARY CHAIN LINK FENCE WITH SCREENING, 4'	FOOT	274	274						
* X0370073	REMOVE AND REINSTALL EXISTING MAST AND LUMINAIRE (CDOT)	EACH	3				3			
* X0370074	RACKING CABLES IN MANHOLE OR HANDHOLE (CDOT)	EACH	2				2			
X0370075	GROUND ROD, 3/4" X 10' 0" LENGTH (CDOT)	EACH	7				7			
* X0370075	UNDERGROUND CONDUIT, PVC, 4" DIA., SCHEDULE 80 (CDOT)	FOOT	420				420			
** X0370076	ROD AND CLEAN DUCT IN EXISTING CONDUIT SYSTEM (CDOT)	FOOT	18						18	

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM

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 I:\Projects\2013\1103_CDOT_006_Reactov_Sheets\0625_Contract\0625-INT-500
 I:\Projects\2013\1103_CDOT_006_Reactov_Sheets\0625_Contract\0625-INT-500



DIGI20-INT-500
 USER NAME: jdimorino
 PLOT SCALE: 1:8000 @ 11"
 PLOT DATE: 5/16/2013

DESIGNED - JWM	REVISED -
DRAWN - JWM	REVISED -
CHECKED - AC	REVISED -
DATE - 5/14/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 20 OF 21 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-00TR	COOK	317	24
CONTRACT NO. 60W25			ILLINOIS FED. AID PROJECT	

Rev.

90% FED.
10% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				ROADWAY	BRIDGE	RETAINING WALL	LIGHTING	TRAFFIC SIGNALS	UTILITY	
				0004 URBAN	0011 016-1709	0040 016-1724	0021 URBAN	0021 URBAN	0043 URBAN	
* X0327616	MAINTAINING ITS DURING CONSTRUCTION	CAL MO	6				6			
X0370077	LOCATE TUNNEL, CHICAGO	EACH	2							2
X0370078	BULKHEAD TUNNEL, CHICAGO	EACH	2							2
* X0370079	RELOCATE WATER MAIN RISER (CDWM)	L SUM	1							1
X4201410	BRIDGE APPROACH PAVEMENT CONNECTOR (SPECIAL)	SG.YD	49	49						
X0327357	CONSTRUCTION VIBRATION MONITORING	L SUM	1	1						
⓪ Z0076600	TRAINEES	HOUR	1500	1500						
⓪ Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	1500	1500						

⓪ 0042

* DENOTES SPECIALTY ITEM

** DENOTES NON-PARTICIPATING ITEM

Rev.



DIGW25-sh1-500
USER NAME + plm300.no
PLOT SCALE + 1:8000 / in.
PLOT DATE + 5/16/2013

DESIGNED - JWM
DRAWN - JWM
CHECKED - AC
DATE - 5/14/2013

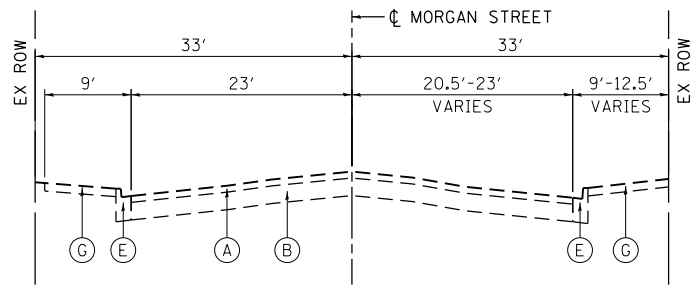
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
SCALE: SHEET 21 OF 21 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	25
CONTRACT NO. 60W25				

ILLINOIS FED. AID PROJECT

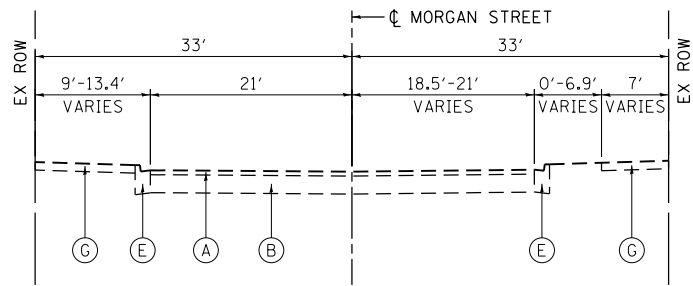
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**EXISTING TYPICAL SECTION
MORGAN STREET**

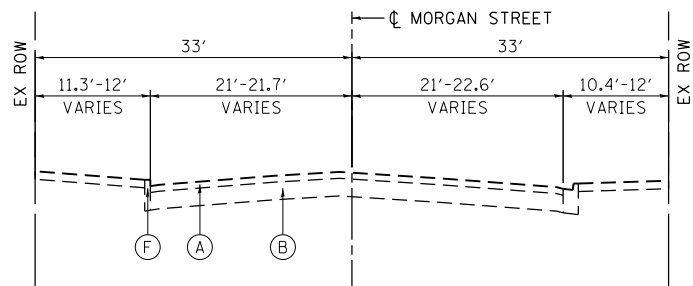
STA 3602+45.00 TO STA 3603+24.68

BRIDGE INCLUDING APPROACH PAVEMENT
STA 3603+24.68 TO STA 3605+99.59



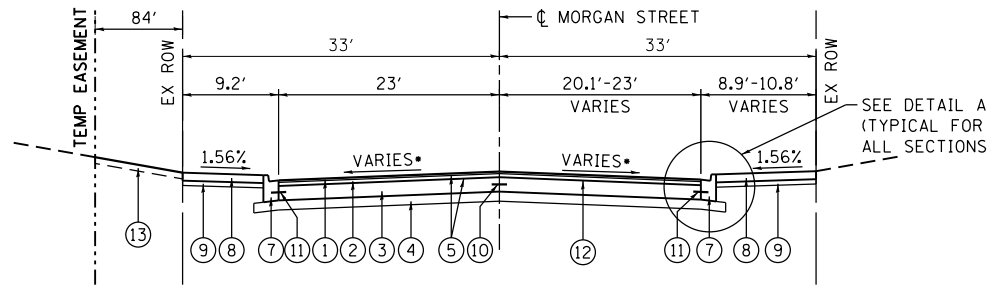
**EXISTING TYPICAL SECTION
MORGAN STREET**

STA 3605+99.59 TO STA 3606+60.00



**EXISTING TYPICAL SECTION
MORGAN STREET**

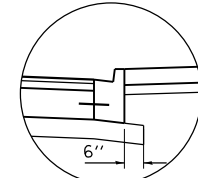
STA 3606+60.00 TO STA 3606+85.00



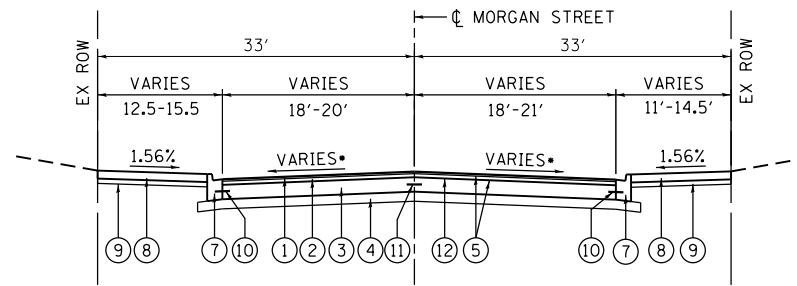
**PROPOSED TYPICAL SECTION
MORGAN STREET**

STA 3602+45.00 TO STA 3602+98.12
• SEE NOTE 2

BRIDGE INCLUDING APPROACH PAVEMENT
STA 3602+98.12 TO STA 3605+99.34

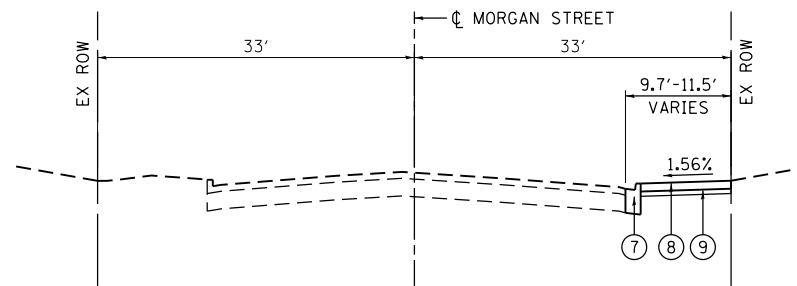


DETAIL A



**PROPOSED TYPICAL SECTION
MORGAN STREET**

STA 3605+99.34 TO STA 3606+60.00
• SEE NOTE 2



**PROPOSED TYPICAL SECTION
MORGAN STREET**

STA 3606+60.00 TO STA 3606+85.00

EXISTING

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

PROPOSED

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/4"
- (3) PORTLAND CEMENT CONCRETE BASE COURSE, 9"
- (4) SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
- (5) BITUMINOUS MATERIALS (PRIME COAT)
- (6) AGGREGATE (PRIME COAT)
- (7) COMBINATION CONCRETE CURB AND GUTTER, TYPE B (SPECIAL)
- (8) PORTLAND CEMENT CONCRETE SIDEWALK (SEE PLAN & PROFILE SHEETS FOR DEPTHS)
- (9) COARSE SAND PLACEMENT, 4"
- (10) #6 TIE BARS, 24" LONG AT 24" C-C (LONGITUDINAL CONSTRUCTION JOINT) (INCLUDED IN PRICE FOR BID FOR PCC BASE COURSE)
- (11) #6 TIE BARS, 24" LONG AT 24" C-C (INCLUDED IN PRICE FOR BID FOR CURB AND GUTTER)
- (12) PAVEMENT FABRIC
- (13) TOPSOIL FURNISH AND PLACE, 4"

NOTES:

1. AS INDICATED ON THE CIVIL PLANS, TYPICALLY AT LEAST 6' OF PROPOSED SIDEWALK WIDTH MUST HAVE A CROSS SLOPE OF 1:64 OR LESS.
2. TYPICAL LOCAL ROADWAY CROSS SLOPE VARIES BETWEEN 1.4% AND 3.6% AS INDICATED ON THE PLANS.
3. ADJACENT TO CURB REMOVAL UP TO 2' OF PAVEMENT MAY BE REPLACED AS DIRECTED BY THE ENGINEER.
4. STABILIZATION STONE SHALL BE USED AT THE DISCRETION OF THE ENGINEER UNDER SUB-BASES AND STRUCTURES WHERE THE SUBGRADE IS DEEMED TOO UNSTABLE TO SUPPORT THE PROPOSED CONSTRUCTION.

HOT MIX ASPHALT MIXTURE REQUIREMENTS

MORGAN STREET AND CONGRESS PARKWAY	AIR VOIDS
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5 mm); 1 1/2"	4% @ 50 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 2 1/4"	4% @ 50 GYR.

1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
2. THE AC TYPE FOR POLYMERIZED HMA MIXTURES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE SPECIAL PROVISIONS.
3. PORTLAND CEMENT CONCRETE TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATIONS. TEMPORARY PORTLAND CEMENT CONCRETE PAVEMENT DOES NOT REQUIRE DOWEL BARS.



DI60W25-sh-typical-01
USER NAME = moronik
PLOT SCALE = 10.0000' / in.
PLOT DATE = 5/15/2013

DESIGNED - AFC
DRAWN - AFC
CHECKED - DBM
DATE - 5/14/2013

REVISED -
REVISED -
REVISED -
REVISED -

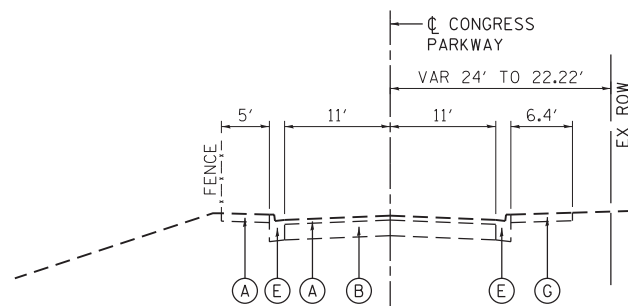
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: NTS SHEET 1 OF 3 SHEETS STA. TO STA.

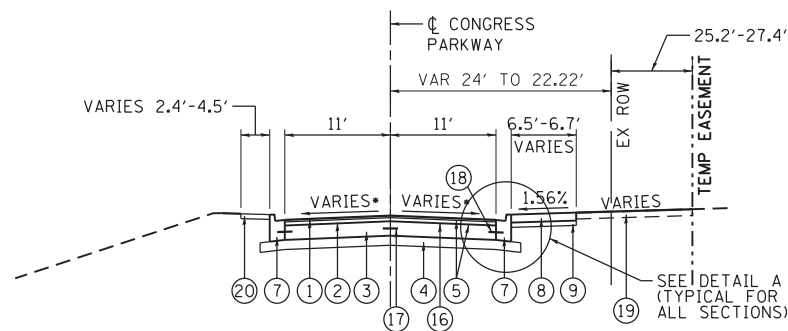
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	28
CONTRACT NO. 60W25				
ILLINOIS FED. AID PROJECT				

FILE PATH = p:\388035\pmt\lecomon\me\local\p\AECOM\0\Documents\01_Americas\Transportation\62629938_Circle\Phase_1\000_CAD\005_Roadway\Sheets\60W25_Contract\0160W25-sht-Typical-02.dgn



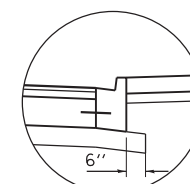
**EXISTING TYPICAL SECTION
CONGRESS PARKWAY**

STA 3305+05.00 TO STA 3606+47.62



**PROPOSED TYPICAL SECTION
CONGRESS PARKWAY**

STA 3305+05.00 TO STA 3306+51.50
• SEE NOTE 2



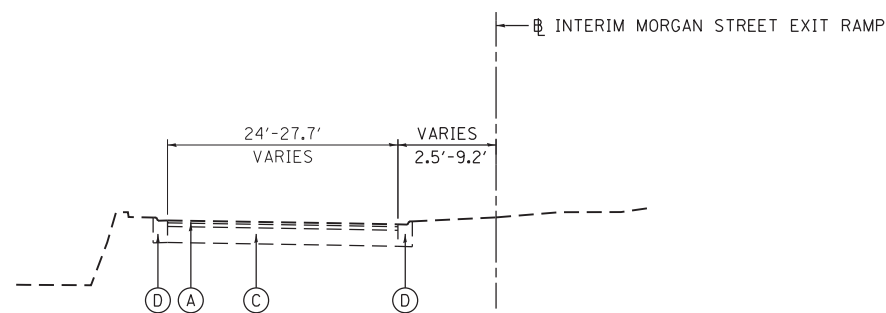
DETAIL A

EXISTING

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

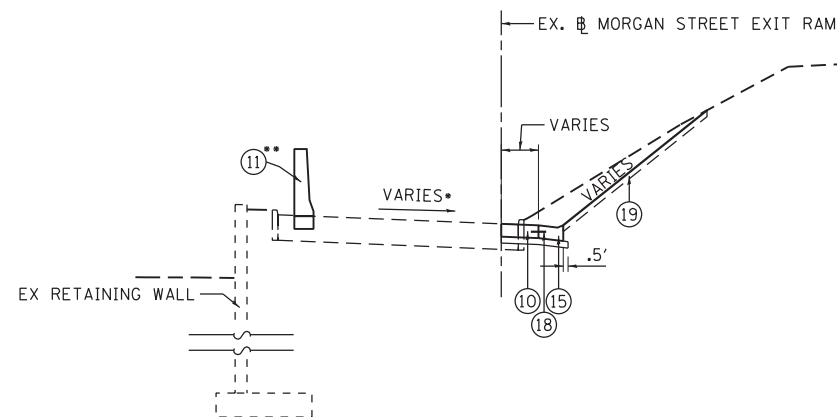
PROPOSED

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/4"
- (3) PORTLAND CEMENT CONCRETE BASE COURSE, 9"
- (4) SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
- (5) BITUMINOUS MATERIALS (PRIME COAT)
- (6) AGGREGATE (PRIME COAT)
- (7) COMBINATION CONCRETE CURB AND GUTTER, TYPE B (SPECIAL)
- (8) PORTLAND CEMENT CONCRETE SIDEWALK (SEE PLAN & PROFILE SHEETS FOR DEPTHS)
- (9) COARSE SAND PLACEMENT, 4"
- (10) TEMPORARY PAVEMENT (MORGAN STREET EXIT RAMP) (PORTLAND CEMENT CONCRETE PAVEMENT, 8")
- (11) CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT (AND CONCRETE BARRIER BASE)
- (12) RETAINING WALL (SEE RETAINING WALL PLANS)
- (13) CONCRETE GUTTER, TYPE B
- (14) SUBBASE GRANULAR MATERIAL, TYPE B 4"
- (15) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (DEPRESSED)
- (16) PAVEMENT FABRIC
- (17) #6 TIE BARS, 24" LONG AT 24" C-C (LONGITUDINAL CONSTRUCTION JOINT) (INCLUDED IN PRICE FOR BID FOR PCC BASE COURSE AND PCC PAVEMENT)
- (18) #6 TIE BARS, 24" LONG AT 24" C-C (INCLUDED IN PRICE FOR BID FOR CURB AND GUTTER)
- (19) TOPSOIL FURNISH AND PLACE, 4"
- (20) INCIDENTAL HOT-MIX ASPHALT SURFACING



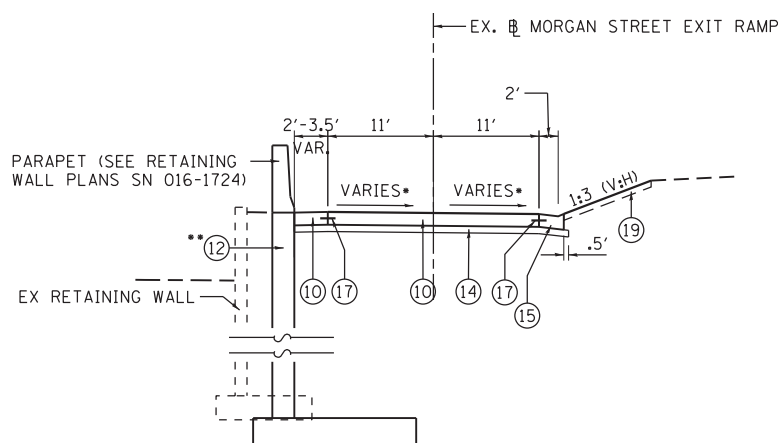
**EXISTING TYPICAL SECTION
MORGAN STREET EXIT RAMP**

STA 3645+16.59 TO STA 3647+23.73



**PROPOSED TYPICAL SECTION
INTERIM MORGAN STREET EXIT RAMP**

STA 1002+96.41 TO STA 1005+37.00
• SEE NOTE 5
• SEE NOTE 6



**PROPOSED TYPICAL SECTION
INTERIM MORGAN STREET EXIT RAMP**

STA 1005+37.00 TO STA 1005+94.53
• SEE NOTE 5

•• STA 1005+64.20 TO STA 1005+94.16
SEE RETAINING WALL PLANS

NOTES:

1. AS INDICATED ON THE CIVIL PLANS, TYPICALLY AT LEAST 6' OF PROPOSED SIDEWALK WIDTH MUST HAVE A CROSS SLOPE OF 1:64 OR LESS.
2. TYPICAL LOCAL ROADWAY CROSS SLOPE VARIES BETWEEN 1.4% AND 3.6% UNLESS OTHERWISE INDICATED ON THE PLANS.
3. ADJACENT TO CURB REMOVAL UP TO 2' OF PAVEMENT MAY BE REPLACED AS DIRECTED BY THE COMMISSIONER.
4. STABILIZATION STONE SHALL BE USED AT THE DISCRETION OF THE COMMISSIONER UNDER SUB-BASES AND STRUCTURES WHERE THE SUBGRADE IS DEEMED TOO UNSTABLE TO SUPPORT THE PROPOSED CONSTRUCTION.
5. SEE INTERSECTION AND GRADING DETAIL SHEETS FOR EXISTING AND PROPOSED PAVEMENT CROSS SLOPES.
6. SEE ROADWAY DETAILS SHEETS FOR CONCRETE BARRIER LAYOUT.



D160W25-sht-Typical-02.dgn
USER NAME = maronik
PLOT SCALE = 10.0000' / in.
PLOT DATE = 6/11/2013

DESIGNED - AFC
DRAWN - AFC
CHECKED - DBM
DATE - 6/17/2013

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	29
CONTRACT NO. 60W25			ILLINOIS FED. AID PROJECT	

REMOVAL SCHEDULE

LOCATION	STATION	TO	STATION	TREE REMOVAL, ACRES	PAVEMENT REMOVAL	DRIVEWAY PAVEMENT REMOVAL	CURB REMOVAL	COMBINATION CURB AND GUTTER REMOVAL	SIDEWALK REMOVAL	CONCRETE BARRIER REMOVAL	PAVED SHOULDER REMOVAL	PARKING LOT PAVEMENT REMOVAL	REMOVE IMPACT ATTENUATORS, NO SALVAGE	APPROACH SLAB REMOVAL	FENCE REMOVAL
				ACRE	SQ YD	SQ YD	FOOT	FOOT	SQ FT	FOOT	SQ YD	SQ YD	EACH	SQYD	FOOT
MORGAN STREET	3602+45	TO	3606+85	-	988	-	-	462	2850	-	-	-	-	296	-
MORGAN STREET - UIC DRIVEWAY	3602+88	TO	3603+20	-	-	61	26	-	-	-	-	61	-	-	-
MORGAN STREET - DRIVEWAY	3606+35	TO	3606+52	-	-	22	-	-	-	-	-	-	-	-	-
CONGRESS PARKWAY	3305+50	TO	3306+63	-	473	-	-	310	1069	-	-	-	-	-	134
MORGAN STREET EXIT RAMP	1002+56	TO	1005+92	-	229	-	-	562	-	-	18	-	1	-	-
I-290 WESTBOUND	338+11	TO	340+60	-	-	-	-	155	-	248	346	-	-	-	148
I-290 EASTBOUND	338+25	TO	339+86	0.06	-	-	-	-	-	229	116	-	-	-	-
TOTAL				0.06	1690	83	26	1489	3919	477	480	61	1	296	282
ROUNDED TOTAL				0.25	1690	83	26	1489	3919	477	480	61	1	296	282

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DI60W25-sht-Schedule-01
USER NAME = chitua
PLOT SCALE = 50.0000' / in.
PLOT DATE = 6/13/2013

DESIGNED - AFC
DRAWN - AFC
CHECKED - DBM
DATE - 6/17/2013

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	31
CONTRACT NO. 60W25			ILLINOIS FED. AID PROJECT	

ROADWAY SCHEDULE

LOCATION	STATION	TO	STATION	TREE TRUNK PROTECTION	TOPSOIL FURNISH AND PLACE, 4"	SODDING, SALT TOLERANT	SUBBASE GRANULAR MATERIAL, TYPE B, 4"	SUBBASE GRANULAR MATERIAL, TYPE B, 6"	PORTLAND CEMENT CONCRETE BASE COURSE 9"	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	HOT-MIX ASPHALT BINDER COURSE, IL-19.0 N70	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	INCIDENTAL HOT-MIX ASPHALT SURFACING	PAVEMENT FABRIC	PROTECTIVE COAT	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	CLASS B PATCHES, TYPE III, 14 INCH	CLASS B PATCHES, TYPE IV, 14 INCH	SAW CUTS	TIE BARS 3/4"	CONCRETE CURB, TYPE B
				EACH	SO YD	SO YD	SO YD	SO YD	SO YD	TON	TON	TON	TON	TON	SO YD	SO YD	SO YD	SO FT	SO FT	SO YD	SO YD	FOOT	EACH	FOOT
MORGAN STREET	3602+45	TO	3606+85	-	-	186	-	939	858	0.5	1.8	108	72	-	857	546	-	1347.5	1598.2	-	-	-	-	46.0
MORGAN STREET - UIC DRIVEWAY	3602+88	TO	3603+20	-	-	-	-	86	86	0.1	0.2	11	7	-	86	-	41	-	-	-	-	-	-	26.5
MORGAN STREET - CONDO DRIVEWAY	3606+35	TO	3606+52	-	-	-	-	-	-	-	-	-	-	-	-	-	18	-	-	-	-	-	-	-
CONGRESS PARKWAY	3305+50	TO	3306+63	5	186	-	63	419	353	0.2	0.8	45	30	0.1	352	209	-	921.4	-	-	-	-	-	5.1
MORGAN STREET EXIT RAMP	1002+45	TO	1005+95	-	484	-	400	-	-	-	-	-	-	-	55	552	-	-	-	15	40	114	40	-
I-290 WESTBOUND	338+11	TO	343+93	-	268	-	615	-	-	-	-	-	-	-	74	676	-	-	-	17	58	138	58	-
I-290 EASTBOUND	338+25	TO	340+60	-	610	-	140	-	-	-	-	-	-	-	199	280	-	-	-	-	199	255	102	-
TOTAL				5	1548	186	1218	1444	1297	0.8	2.8	164	109	0.1	1623	2263	59	2268.9	1598.2	32	297	508	201	77.6
ROUNDED TOTAL				5	1548	186	1218	1444	1297	0.8	3	164	109	0.1	1623	2263	59	2269.0	1598.5	32	297	508	201	78.0

LOCATION	STATION	TO	STATION	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6, 24	CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT	CONCRETE BARRIER TRANSITION	CONCRETE BARRIER BASE	SHOULDER RUMBLE STRIPS, 16 INCH	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	CHAIN LINK FENCE, 6'	BARRIER WALL MARKERS, TYPE C	COARSE SAND PLACEMENT	DETECTABLE WARNINGS (SPECIAL)	COMBINATION CONCRETE CURB AND GUTTER, TYPE B (SPECIAL)	CONCRETE BARRIER WALL (SPECIAL)	BICYCLE RACKS	TEMPORARY PAVEMENT	BRIDGE APPROACH PAVEMENT CONNECTOR (SPECIAL)
				FOOT	FOOT	FOOT	FOOT	FOOT	EACH	FOOT	EACH	SO YD	SO FT	FOOT	FOOT	EACH	SO YD	SO YD
MORGAN STREET	3602+45	TO	3606+85	-	-	-	-	-	-	-	-	323	72	442.7	-	1	-	49
MORGAN STREET - UIC DRIVEWAY	3602+88	TO	3603+20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MORGAN STREET - CONDO DRIVEWAY	3606+35	TO	3606+52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CONGRESS PARKWAY	3305+50	TO	3306+63	-	-	-	-	-	-	135	-	103	8	317.2	-	-	-	-
MORGAN STREET EXIT RAMP	1002+45	TO	1005+95	296.2	275	-	275	-	1	-	6	-	-	-	-	-	298	-
I-290 WESTBOUND	338+11	TO	343+93	-	-	60	181	427	-	-	6	-	-	-	121	-	615	-
I-290 EASTBOUND	338+25	TO	340+60	-	134	60	321	60	-	-	4	-	-	-	127	-	140	-
TOTAL				296.2	409	120	777	487	1	135	16	426	80	759.9	248	1	1053	49
ROUNDED TOTAL				296.5	409	120	777	487	1	135	16	426	80	760.0	248	1	1053	49

NOTES:

1. DETECTABLE WARNINGS (SPECIAL) ON THIS SCHEDULE DOES NOT INCLUDE QUANTITY FOR THE BRIDGE. REFER TO THE STRUCTURAL PLANS.
2. TEMPORARY PAVEMENT FOR THE MORGAN STREET EXIT RAMP WILL BE PORTLAND CEMENT CONCRETE PAVEMENT 8" AND ALL THE SHOULDERS ALONG I-290 WILL BE PORTLAND CEMENT CONCRETE PAVEMENT 12".
3. SEE ADDITIONAL QUANTITIES IN THE ROADWAY DETAIL SHEET 6 FOR THE FLUTED KNEE WALL (SPECIAL) ALONG CONGRESS PARKWAY.

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DI60W25-sht-Schedule-02
 USER NAME = chitua
 PLOT SCALE = 50.0000' / in.
 PLOT DATE = 6/14/2013

DESIGNED - AFC
 DRAWN - AFC
 CHECKED - DBM
 DATE - 6/17/2013

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

SCHEDULE OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	32
CONTRACT NO. 60W25				
ILLINOIS FED. AID PROJECT				

EARTHWORK QUANTITIES

FROM STATION	TO STATION	EARTH EXCAVATION	* EXCAVATION TO BE USED IN EMBANKMENT (15% SHRINKAGE) [(EARTH EXC. - UNSUITABLE) * 0.85]	FURNISHED EXCAVATION	* EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
		CU YD	CU YD	CU YD	CU YD
MORGAN ST. ("P-MOR-CL")					
		TOTAL	TOTAL	TOTAL	TOTAL
3601+95.00	3602+00.00	3.92	3.33	0.02	3.31
3602+00.00	3602+50.00	26.83	22.81	4.09	18.72
3602+50.00	3602+98.39	20.26	17.22	28.89	-11.67
BRIDGE BREAK					
3605+99.56	3606+29.09	34.45	29.28	0.13	29.15
3606+29.09	3606+60.00	23.07	19.61	0.36	19.25
3606+60.00	3606+85.00	11.92	10.14	0.18	9.96
CONGRESS PKWY. ("P-IKE-WB")					
5249+00.00	5249+42.75	0.00	0.00	25.91	-25.91
5249+42.75	5249+47.00	0.00	0.00	4.76	-4.76
5249+47.00	5249+50.00	0.00	0.00	3.04	-3.04
5249+50.00	5249+55.35	0.00	0.00	5.19	-5.19
5249+55.35	5249+70.30	0.00	0.00	12.59	-12.59
5249+70.30	5250+00.00	0.00	0.00	12.32	-12.32
5250+00.00	5250+29.99	3.39	2.88	2.48	0.40
5250+29.99	5250+33.57	0.86	0.73	0.20	0.53
5250+33.57	5250+50.00	5.21	4.43	0.27	4.17
5250+50.00	5250+83.46	13.72	11.66	0.00	11.66
5250+83.46	5251+00.00	3.66	3.11	0.00	3.11

FROM STATION	TO STATION	EARTH EXCAVATION	* EXCAVATION TO BE USED IN EMBANKMENT (15% SHRINKAGE) [(EARTH EXC. - UNSUITABLE) * 0.85]	FURNISHED EXCAVATION	* EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
		CU YD	CU YD	CU YD	CU YD
I-290 WB / EB ("P-IKE-WB")					
5242+50.00	5242+92.48	0.00	0.00	0.00	0.00
5242+92.48	5243+00.00	0.00	0.00	0.00	0.00
5243+00.00	5243+13.67	0.00	0.00	0.00	0.00
5243+13.67	5243+24.56	0.00	0.00	0.00	0.00
5243+24.56	5243+50.00	0.00	0.00	0.00	0.00
5243+50.00	5243+74.55	0.00	0.00	0.00	0.00
5243+74.55	5244+00.00	0.00	0.00	0.00	0.00
5244+00.00	5244+39.94	0.00	0.00	0.00	0.00
5244+39.94	5244+50.00	0.00	0.00	0.00	0.00
5244+50.00	5244+66.10	0.00	0.00	0.00	0.00
5244+66.10	5245+00.00	0.00	0.00	0.00	0.00
5245+00.00	5245+35.92	0.00	0.00	0.00	0.00
5245+35.92	5245+50.00	0.00	0.00	0.00	0.00
5245+50.00	5246+00.00	37.65	32.00	1.31	30.69
5246+00.00	5246+12.20	17.92	15.23	0.63	14.59
5246+12.20	5246+50.00	56.90	48.36	1.62	46.75
5246+50.00	5247+00.00	66.49	56.51	1.58	54.93
5247+00.00	5247+50.00	57.77	49.11	1.42	47.69
5247+50.00	5247+98.78	54.53	46.35	4.33	42.02
5247+98.78	5248+00.00	1.22	1.04	0.23	0.81
5248+00.00	5248+27.20	29.26	24.87	6.40	18.46
5248+27.20	5248+50.00	25.72	21.86	8.03	13.83
5248+50.00	5248+56.52	7.37	6.27	3.00	3.27
5248+56.52	5248+77.73	22.48	19.11	57.31	-38.20
5248+77.73	5248+83.62	5.52	4.69	37.97	-33.27
5248+83.62	5248+93.97	10.86	9.23	87.14	-77.91
5248+93.97	5249+00.00	3.56	3.02	51.24	-48.21
5249+00.00	5249+42.75	0.00	0.00	439.00	-439.00
5249+42.75	5249+47.00	3.99	3.39	51.38	-47.98
5249+47.00	5249+50.00	6.28	5.34	35.63	-30.29
5249+50.00	5249+55.35	13.81	11.74	67.38	-55.64
5249+55.35	5249+70.30	53.65	45.60	124.19	-78.59
5249+70.30	5250+00.00	91.19	77.51	85.39	-7.88
5250+00.00	5250+29.99	31.09	26.43	50.64	-24.21
5250+29.99	5250+33.57	0.86	0.73	3.48	-2.75
5250+33.57	5250+50.00	3.32	2.82	10.32	-7.49
5250+50.00	5250+83.46	3.01	2.55	11.58	-9.03
5250+83.46	5251+00.00	0.00	0.00	2.66	-2.66
		TOTAL	TOTAL	TOTAL	TOTAL
TOTAL		752	639	1244	-605
ROUNDED TOTAL		755		1245	

* THESE ARE NOT A PAY ITEM.

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D160W25-sht-Schedule-03
 USER NAME = maronik
 PLOT SCALE = 50.0000' / in.
 PLOT DATE = 6/13/2013

DESIGNED - KAM
 DRAWN - KAM
 CHECKED - AFC
 DATE - 6/17/2013

REVISED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	33
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W25	

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EXISTING DRAINAGE STRUCTURE SCHEDULE											
STATION	OFFSET	REMOVING MANHOLES	REMOVING CATCH BASINS	REMOVING INLETS	MANHOLES TO BE ADJUSTED	CATCH BASINS TO BE ADJUSTED	MANHOLES TO BE RECONSTRUCTED	CATCH BASINS TO BE RECONSTRUCTED	CATCH BASINS TO BE RECONSTRUCTED WITH NEW TYPE 8 GRATE	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	COMMENTS
		(EA)	(EA)	(EA)	(EA)	(EA)	(EA)	(EA)	(EA)	(EA)	
MORGAN STREET											
3602+18.77	23.15' RT			1							TO BE REPLACED BY PROPOSED DRAINAGE STRUCTURE S-01
3602+20.02	17.20' RT		1								TO BE REPLACED BY PROPOSED DRAINAGE STRUCTURE S-02
3602+23.43	18.00' LT		1								TO BE REPLACED BY PROPOSED DRAINAGE STRUCTURE S-03
3602+23.55	23.38' LT			1							
3602+87.59	2.64' LT	1									TO BE REPLACED BY PROPOSED DRAINAGE STRUCTURE S-06
3603+01.66	2.79' LT	1									
3603+19.55	21.04' RT		1								
3603+23.68	22.00' LT		1								
3606+36.77	4.09' LT									1	EX MH RIM ELEV. = 593.61 PR MH RIM ELEV = 593.66
3606+37.59	17.49' RT									1	EX MH RIM ELEV. = 593.14 PR MH RIM ELEV = 593.41
3606+61.80	21.54' RT									1	EX MH RIM ELEV. = 592.71 PR MH RIM ELEV = 592.77
3606+65.44	21.56' RT									1	EX MH RIM ELEV. = 592.79 PR MH RIM ELEV = 592.81
WEST CONGRESS PARKWAY											
3305+48.31	0.80' RT									1	EX MH RIM ELEV. = 592.91 PR MH RIM ELEV = 592.86
3305+64.20	11.16' LT		1								
3305+96.32	11.20' RT		1								
MORGAN STREET EXIT RAMP											
1002+49.22	31.25' LT					1					EX CB RIM ELEV. = 578.82 PR CB RIM ELEV. = 578.57
WB I-290											
5248+98.28	18.38' RT		1								
5249+81.90	26.26' RT		1								
5250+23.13	23.74' RT		1								
5250+41.50	26.89' RT							1			EX CB RIM ELEV. = 577.17 PR CB RIM ELEV. = 577.03
5248+79.22	39.38' LT					1					EX CB RIM ELEV. = 578.07 PR CB RIM ELEV. = 578.02
5248+80.57	36.85' LT				1						EX MH RIM ELEV. = 578.15 PR CB RIM ELEV. = 578.14
5248+80.10	46.04' LT							1			EX MH RIM ELEV. = 577.09 PR MH RIM ELEV. = COORDINATE W/ CTA
5248+86.73	48.18' LT								1		EX CB RIM ELEV. = 576.09 PR CB RIM ELEV. = COORDINATE W/ CTA
5249+83.83	42.16' LT							1			EX CB RIM ELEV. = 577.40 PR CB RIM ELEV. = 577.43
5250+25.67	38.81' LT							1			EX CB RIM ELEV. = 577.47 PR CB RIM ELEV. = 577.47
EB I-290											
5139+09.16	28.59' RT		1								
5139+96.82	36.96' RT		1								
5140+23.71	37.00' RT								1		EX CB RIM ELEV. = 576.45 PR CB RIM ELEV. = 576.45
5138+44.53	39.35' LT						1				EX CB RIM ELEV. = 577.37 PR CB RIM ELEV. = 577.27
5138+62.15	39.29' LT						1				EX CB RIM ELEV. = 577.31 PR CB RIM ELEV. = 577.36
5138+93.91	39.43' LT						1				EX CB RIM ELEV. = 577.11 PR CB RIM ELEV. = 577.27
5139+80.80	37.36' LT		1								TO BE REPLACED BY PROPOSED DRAINAGE STRUCTURE S-29
5139+85.66	37.64' LT	1									TO BE REPLACED BY PROPOSED DRAINAGE STRUCTURE S-30
TOTALS		3	12	2	1	7	1	2	1	5	



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 USER NAME = chitue
 PLOT SCALE = 50.0000' / in.
 PLOT DATE = 6/13/2013

DESIGNED - DMS
 DRAWN - DMS
 CHECKED - AFC
 DATE - 6/17/2013

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DRAINAGE SCHEDULES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	34
CONTRACT NO. 60W25				
ILLINOIS FED. AID PROJECT				

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EXISTING UTILITY STRUCTURE SCHEDULE				
STATION	OFFSET	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	CITY OF CHICAGO DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	COMMENTS
		(EA)	(EA)	
MORGAN STREET				
3602+36.91	26.51' RT		1	
3602+60.67	23.67' LT		1	
3603+14.77	57.18' RT	1		CITY OF CHICAGO WATER MANHOLE
3606+26.03	14.23' RT	1		CITY OF CHICAGO ELECTRICAL MANHOLE
3606+41.11	25.79' RT	1		CITY OF CHICAGO WATER MANHOLE
3606+45.79	23.93' RT	1		CITY OF CHICAGO WATER MANHOLE
3606+49.68	27.32' LT	1		CITY OF CHICAGO ELECTRICAL MANHOLE
3606+50.18	0.87' RT	1		CITY OF CHICAGO WATER MANHOLE
3606+55.51	29.48' RT	1		CITY OF CHICAGO ELECTRICAL MANHOLE
WEST CONGRESS PARKWAY				
3305+18.16	17.18' RT	1		CITY OF CHICAGO ELECTRICAL MANHOLE
3306+30.23	16.80' LT		1	
3306+46.65	15.52' RT	1		CITY OF CHICAGO ELECTRICAL MANHOLE
TILDEN STREET				
3001+54.25	7.31' LT	1		CITY OF CHICAGO WATER MANHOLE
TOTALS				
		10	3	



DI60W25-sht-Drain-Schedule-02
 USER NAME = chitua
 PLOT SCALE = 50.0000' / in.
 PLOT DATE = 6/13/2013

DESIGNED - DMS
 DRAWN - DMS
 CHECKED - AFC
 DATE - 6/17/2013

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

DRAINAGE SCHEDULES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	35
CONTRACT NO. 60W25			ILLINOIS FED. AID PROJECT	

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PROPOSED 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 8 GRATE	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 20 FRAME AND GRATE	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 24 FRAME AND GRATE	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	MANHOLES, TYPE B, 4' DIA., TYPE 1 FRAME, CLOSED LID (CITY OF CHICAGO)	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, OPEN LID (CITY OF CHICAGO)	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID (CITY OF CHICAGO)
MORGAN STREET																				
S-01	3602+18.81	23.00' RT	EOP	592.53		589.28														1
S-02	3602+20.02	17.20' RT	COS	592.82		588.99	589.23													1
S-03	3602+23.42	23.00' LT	EOP	592.56			587.56													1
S-04	3602+71.78	21.71' RT	EOP	593.49		590.24														1
S-05	3602+71.68	16.54' RT	COS	593.68		589.85	590.19													1
S-06	3602+87.59	2.64' LT	COS	594.43		584.79		583.82												1
WEST CONGRESS PARKWAY																				
S-07	3306+34.62	11.00' LT	EOP	594.44				589.44												1
S-08	3305+26.79	10.99' LT	EOP	592.31				587.31												1
S-09	3305+26.83	11.19' RT	EOP	592.40	589.15															1
S-09A	3305+27.06	6.03' RT	COS	592.59	587.58			589.10												1
MORGAN STREET EXIT RAMP																				
S-10	1005+68.34	11.00' RT	EOP	593.65			587.81								1					
S-11	1004+40.00	19.70' LT	COS	589.78	586.11												1			
S-12	1004+40.00	5.90' RT	EOP	589.19		582.67	582.67	585.85							1					
S-13	1003+00.00	0.00' LT	EOP	581.23		577.06					577.06				1					
TSC1115 (EX CB)	1002+49.22	31.25' LT	COS	578.82						575.52	EX									
WB I-290																				
S-27	5249+94.37	32.74' RT	EOS	576.81		573.31														1
S-28	5250+04.85	31.04' RT	EOS	576.86		573.20	573.28							1						
TSC1120 (EX CB)	5250+41.5	26.89' RT	EOS	577.17		EX		EX	573.05											
EB I-290																				
S-29	5138+89.05	29.89' RT	COS	578.36		572.68								1						
TSC1150 (EX CB)	5138+68.9	24.45' RT	COS	577.00		EX			EX	572.50										
S-30	5139+80.79	38.24' LT	EOS	577.05			EX			EX				1						
S-31	5139+85.66	37.64' LT	COS	577.09	EX	EX	EX									1				
S-32	5139+86.42	37.39' RT	COS	576.45	572.55								1							
S-33	5139+86.87	33.42' RT	EOS	576.36			572.50	572.54						1						
TSC565 (EX CB)	5140+23.71	37.00' RT	COS	576.45	EX	572.35	EX													
TOTALS													1	4	3	1	2	1	6	3



DI60W25-sht-Drain-Schedule-03.dgn
 USER NAME = chitua
 PLOT SCALE = 50.0000' / in.
 PLOT DATE = 6/14/2013

DESIGNED - DMS
 DRAWN - DMS
 CHECKED - AFC
 DATE - 6/17/2013

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRAINAGE SCHEDULES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	36
CONTRACT NO. 60W25			ILLINOIS FED. AID PROJECT	

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PROPOSED PIPE SCHEDULE													
PIPE	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION	STORM SEWERS, CLASS A, TYPE 1	STORM SEWERS, CLASS A, TYPE 2	STORM SEWER (WATER MAIN REQUIREMENTS)	VCP COMBINED SEWER (CDOT)	COMBINED SEWER (WATER MAIN REQUIREMENTS) (CDOT)			TRENCH BACKFILL (CY)	
					(FT)	(FT)	(FT)	(FT)	8"	8"	12"	24"	(CY)
					12"	12"	12"	8"	8"	12"	24"	(CY)	
MORGAN STREET													
P-01	S-01	S-02	589.28	589.23								1	
P-02	S-02	PR CONNECTION (STA. 3602+19.90 PR CL MORGAN ST)	588.99	584.90 (EX PIPE)							23	24	
P-03	S-03	PR CONNECTION (STA. 3602+23.53 PR CL MORGAN ST)	587.56	584.85 (EX PIPE)							23	23	
P-04	S-04	S-05	590.24	590.19							5	1	
P-05	S-05	PR CONNECTION (STA. 3602+71.17 PR CL MORGAN ST)	589.85	585.08 (EX PIPE)							23	17	
P-06A	EX PIPE (STA. 3306+31.13 PR CL CONGRESS PKWY)	S-06	585.38	584.79							54	71	
P-06B	S-06	EX PIPE (STA. 3602+67.67 PR CL MORGAN ST)	583.82	583.75							20	41	
WEST CONGRESS PARKWAY													
P-07	S-07	PR CONNECTION (STA. 3306+34.63 PR CL CONGRESS PKWY)	589.44	585.45 (EX PIPE)				13				9	
P-08	S-08	PR CONNECTION (STA. 3305+26.79 PR CL CONGRESS PKWY)	587.31	586.60 (EX PIPE)				13				8	
P-09	S-09	S-09A	589.15	589.10							5	1	
P-09A	S-09A	PR CONNECTION (STA. 3305+26.79 PR CL CONGRESS PKWY)	587.58	586.60 (EX PIPE)							8	3	
MORGAN STREET EXIT RAMP													
P-10	S-10	S-12	587.81	582.67		129						90	
P-11	S-11	S-12	586.11	585.85	26							5	
P-12	S-12	S-13	582.67	577.06		141						72	
P-13	S-13	EX STR (TSC 1115)	577.06	575.52		59						13	
WB I-290													
P-27	S-27	S-28	573.31	573.28	6							2	
P-28	S-28	EX STR (TSC1120)	573.20	573.05	33							8	
EB I-290													
P-29	S-29	EX STR (TSC1150)	572.68	572.50		18						7	
P-32	S-32	S-33	572.55	572.54	4							1	
P-33	S-33	EX STR (TSC565)	572.50	572.35			34					8	
TOTALS						69	347	34	26	92	54	20	405

- NOTES:
- PIPE AMOUNT PROVIDED AT LOCATIONS WHERE STRUCTURES ARE BEING REPLACED BUT EXISTING PIPES ARE NOT.
 - ADDITIONAL TRENCH BACKFILL QUANTITY PROVIDED ON THE DRAINAGE AND UTILITY PLAN SHEETS FOR STORM SEWER AND COMBINED SEWER REMOVAL.



DI60W25-sht-Drain-Schedule-04.dgn
 USER NAME = chitua
 PLOT SCALE = 50.0000' / in.
 PLOT DATE = 6/14/2013

DESIGNED - DMS	REVISED -
DRAWN - DMS	REVISED -
CHECKED - AFC	REVISED -
DATE - 6/17/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE SCHEDULES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	37
CONTRACT NO. 60W25				
ILLINOIS FED. AID PROJECT				

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

EXIST WB I-290 (EISENHOWER EXPY)				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		293+90.95	1,898,109.2305	1,165,314.6967
TS	IKE-EWB-00-1B	322+24.26	1,898,195.6075	1,168,146.6931
PIS	IKE-EWB-00-1B	323+57.62	1,898,199.6729	1,168,279.9836
SC	IKE-EWB-00-1	324+24.26	1,898,198.2148	1,168,346.6517
PI	IKE-EWB-00-1	325+38.06	1,898,195.7265	1,168,460.4198
CS	IKE-EWB-00-1	326+51.59	1,898,179.7466	1,168,573.0875
PIS	IKE-EWB-00-1A	327+18.26	1,898,170.3839	1,168,639.1010
ST	IKE-EWB-00-1A	328+51.56	1,898,144.7784	1,168,769.9517
TS	IKE-EWB-00-2B	329+78.32	1,898,120.4341	1,168,894.3575
PIS	IKE-EWB-00-2B	331+11.67	1,898,094.8247	1,169,025.2278
SC	IKE-EWB-00-2	331+78.32	1,898,085.4611	1,169,091.2512
PI	IKE-EWB-00-2	332+11.06	1,898,080.8638	1,169,123.6666
CS	IKE-EWB-00-2	332+43.79	1,898,077.3803	1,169,156.2204
PIS	IKE-EWB-00-2A	333+10.47	1,898,070.2861	1,169,222.5160
ST	IKE-EWB-00-2A	334+43.76	1,899,976.4284	1,169,359.4346
PC	IKE-EWB-00-3	338+11.32	1,898,043.1252	1,169,722.6716
PI	IKE-EWB-00-3	340+66.38	1,898,029.2947	1,169,977.3536
PT	IKE-EWB-00-3	343+21.10	1,898,038.1489	1,170,232.2572
TS	IKE-EWB-00-4B	352+47.24	1,898,070.2993	1,171,157.8387
PIS	IKE-EWB-00-4B	353+47.25	1,898,073.7709	1,171,257.7841
SC	IKE-EWB-00-4	353+97.24	1,898,073.8709	1,171,307.7891
PI	IKE-EWB-00-4	354+73.38	1,898,074.0231	1,171,383.9319
CS	IKE-EWB-00-4	355+49.47	1,898,069.1215	1,171,459.9169
PIS	IKE-EWB-00-4A	355+99.47	1,898,065.9031	1,171,509.8083
ST	IKE-EWB-00-4A	356+99.44	1,898,056.2063	1,171,609.3226
TS	IKE-EWB-00-5B	359+16.74	1,898,035.1324	1,171,825.5961
PIS	IKE-EWB-00-5B	360+16.74	1,898,025.4337	1,171,925.1303
SC	IKE-EWB-00-5	360+66.74	1,898,022.2149	1,171,975.0317
PI	IKE-EWB-00-5	361+31.77	1,898,018.0288	1,172,039.9323
CS	IKE-EWB-00-5	361+96.78	1,898,017.5295	1,172,104.9659
PIS	IKE-EWB-00-5A	362+46.77	1,898,017.1456	1,172,154.9595
ST	IKE-EWB-00-5A	363+46.75	1,898,019.6488	1,172,254.9138
POT		368+89.26	1,898,033.2310	1,172,797.2593

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

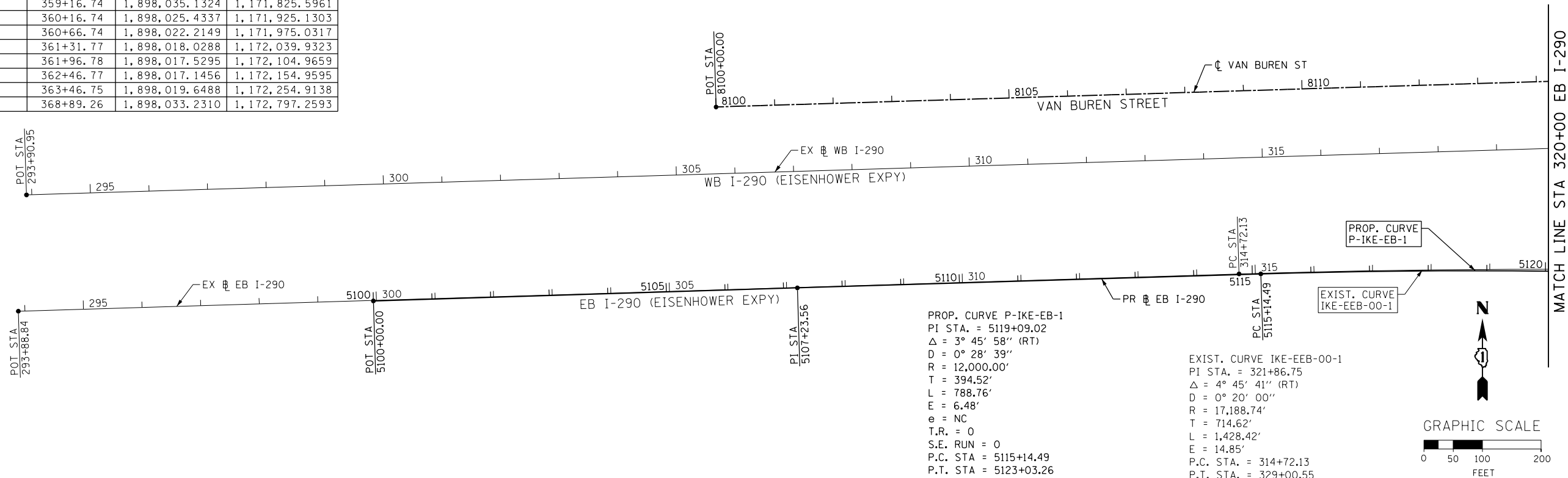
EXIST NW RAMP				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		7+96.20	1,897,507.4719	1,171,763.3763
PC	CIR-ENW-00-1	9+85.04	1,897,693.9515	1,171,733.5850
PI	CIR-ENW-00-1	10+35.96	1,897,744.2285	1,171,725.5529
PT	CIR-ENW-00-1	10+85.49	1,897,793.6250	1,171,737.8925
PC	CIR-ENW-00-2	12+39.06	1,897,942.6154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

PROP CONGRESS PARKWAY STREET				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		3300+00.00	1,897,801.3292	1,169,169.5572
PC	P-CON-CL-1	3304+40.44	1,897,815.0282	1,169,609.7826
PI	P-CON-CL-1	3304+84.64	1,897,816.4031	1,169,653.9674
PT	P-CON-CL-1	3305+28.84	1,897,816.5297	1,169,698.1734
POT		3306+83.81	1,897,816.9734	1,169,853.1406

PROP VAN BUREN STREET				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		8100+00.00	1,898,259.3220	1,166,490.9835
PI		8125+63.42	1,898,338.2206	1,169,053.1845
PI		8146+24.60	1,898,397.0221	1,171,113.5263
POT		8171+35.75	1,898,460.2841	1,173,623.8877

PROP MORGAN STREET				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		3600+00.00	1,897,514.6666	1,169,861.4881
POT		3618+77.63	1,899,391.6120	1,169,810.8410

PROP TILDEN ST				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		3000+00.00	1,898,138.2833	1,169,651.0438
POT		3001+93.55	1,898,143.5041	1,169,844.5197



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D:\60W25-Sht-ATB-01.dgn
 USER NAME = chitua
 PLOT SCALE = 200.0000' / in.
 PLOT DATE = 6/13/2013

DESIGNED - AFC	REVISED -
DRAWN - PHP	REVISED -
CHECKED - DBM	REVISED -
DATE - 6/17/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS	
SCALE: 1" = 100'	SHEET 1 OF 4 SHEETS
STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	38
CONTRACT NO. 60W25				
ILLINOIS FED. AID PROJECT				

EXIST. CURVE CIR-ESW-00-1
 PI STA. = 16+45.46
 $\Delta = 45^\circ 09' 26''$ (RT)
 D = 9° 19' 39"
 R = 614.27'
 T = 255.43'
 L = 484.13'
 E = 50.99'
 P.C. STA. = 13+90.03
 P.C.C. STA. = 18+74.16

EXIST. CURVE CIR-ESW-00-2
 PI STA. = 20+08.60
 $\Delta = 16^\circ 01' 34''$ (RT)
 D = 5° 59' 58"
 R = 955.00'
 T = 134.44'
 L = 267.12'
 E = 9.42'
 P.C.C. STA. = 18+74.16
 P.C.C. STA. = 21+41.29

EXIST. CURVE CIR-ESW-00-3
 PI STA. = 22+38.85
 $\Delta = 26^\circ 01' 11''$ (RT)
 D = 13° 34' 06"
 R = 422.28'
 T = 97.57'
 L = 191.77'
 E = 11.12'
 P.C.C. STA. = 21+41.29
 P.T. STA. = 23+33.05

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

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

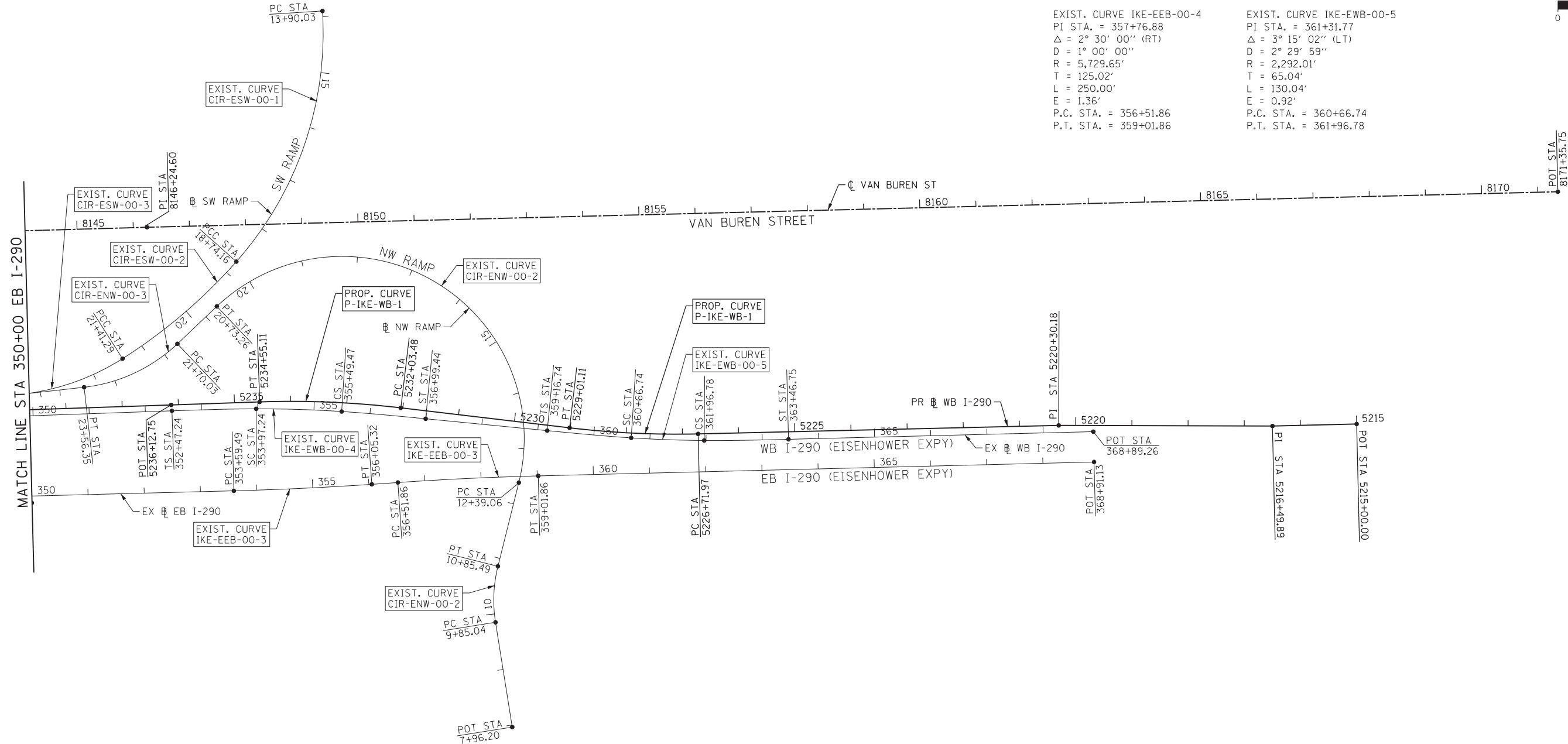
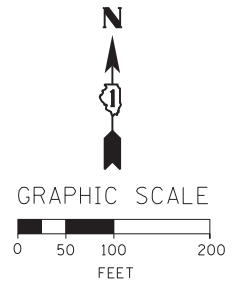
EXIST. CURVE CIR-ENW-00-3
 PI STA. = 22+66.58
 $\Delta = 37^\circ 04' 01''$ (RT)
 D = 19° 53' 40"
 R = 288.00'
 T = 96.55'
 L = 186.32'
 E = 15.75'
 P.C. STA. = 21+70.03
 P.T. STA. = 23+56.35

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

EXIST. CURVE IKE-EWB-00-4
 PI STA. = 354+73.38
 $\Delta = 3^\circ 48' 20''$ (RT)
 D = 2° 29' 59"
 R = 2,292.01'
 T = 76.14'
 L = 152.23'
 E = 1.26'
 S.C. STA. = 353+97.24
 C.S. STA. = 355+49.47

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

EXIST. CURVE IKE-EWB-00-5
 PI STA. = 361+31.77
 $\Delta = 3^\circ 15' 02''$ (LT)
 D = 2° 29' 59"
 R = 2,292.01'
 T = 65.04'
 L = 130.04'
 E = 0.92'
 P.C. STA. = 360+66.74
 P.T. STA. = 361+96.78



PROP. CURVE P-IKE-WB-2
 PI STA. = 5233+29.54
 $\Delta = 8^\circ 42' 22''$ (LT)
 D = 3° 27' 36"
 R = 1,656.00'
 T = 126.06'
 L = 251.63'
 E = 4.79'
 e = 4.80%
 T.R. = 72
 S.E. RUN = 232
 P.C. STA = 5232+03.48
 P.T. STA = 5234+55.11

PROP. CURVE P-IKE-WB-1
 PI STA. = 5227+86.73
 $\Delta = 8^\circ 06' 16''$ (RT)
 D = 3° 32' 12"
 R = 1,620.00'
 T = 114.77'
 L = 229.15'
 E = 4.06'
 e = 5.00%
 T.R. = 96
 S.E. RUN = 241
 P.C. STA = 5226+71.97
 P.T. STA = 5229+01.11

BENCHMARKS

MONUMENT	ELEVATION	DESCRIPTION
BM 1156	577.2685	SET MAG ON WB SHOULDER OF I-290 ±75' WEST OF MORGAN ST. OVERPASS 2' S OF EOP
BM 1157	580.8014	SET 5/8 IR ON WB SHOULDER OF I-290 ±550' WEST OF MORGAN ST. (±1' NORTH OF B/C)
BM 1286	587.3550	SET PK 1' SOUTH OF FLAG OF BC E 290 SIGN
BM 1363	593.3963	CUT "□" ON NW SIDE OF L.P. BASE SOUTH SIDE OF HARRISON ST. 4TH L.P. EAST OF MORGAN ST.

FILE PATH = p:\388035\pmt\escomon\line\local\p\AECD\00\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\1000_CAD\006_Roadway\Sheets\60W25-Sht-ATB-03.dgn



D160W25-Sht-ATB-03.dgn
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 PLOT DATE = 6/13/2013

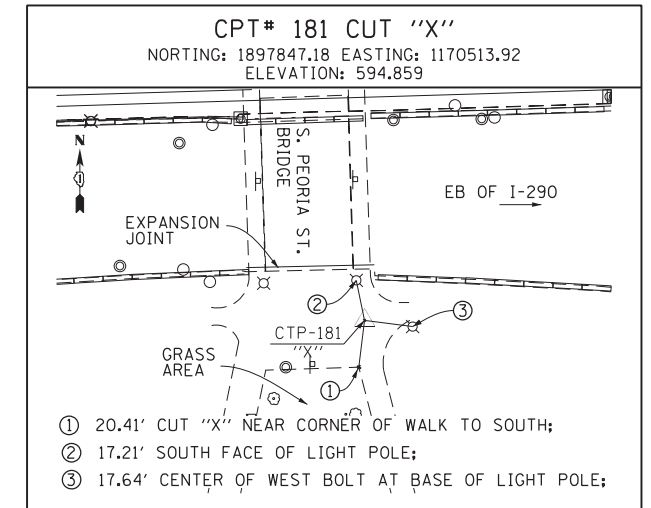
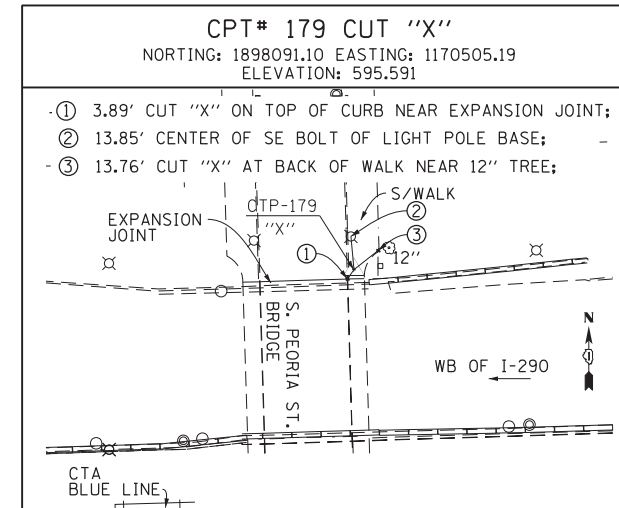
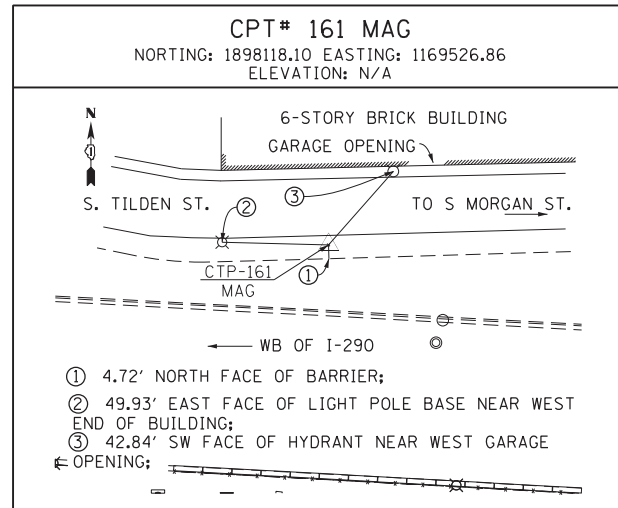
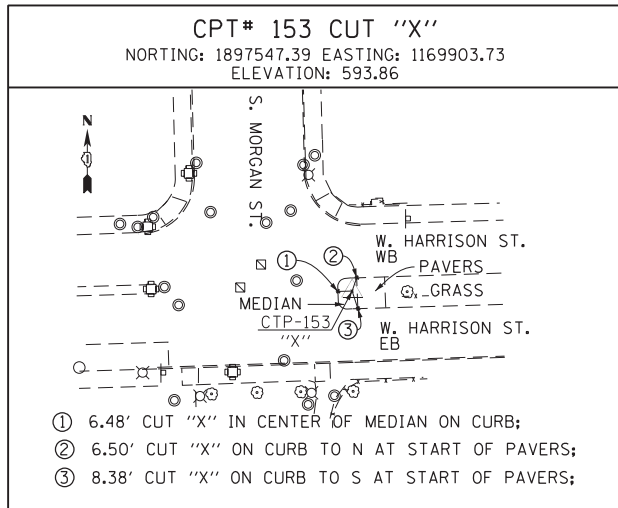
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DRAWN - PHP	REVISED -
CHECKED - DBM	REVISED -
DATE - 6/17/2013	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1" = 100' SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.I. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	40
CONTRACT NO. 60W25				
ILLINOIS FED. AID PROJECT				



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DI60W25-sht-ATB-04	DESIGNED -	REVISED -
USER NAME = chitua	DRAWN -	REVISED -
PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/13/2013	DATE - 6/17/2013	REVISED -









STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

SCALE: N.T.S. SHEET 4 OF 4 SHEETS STA. TO STA.

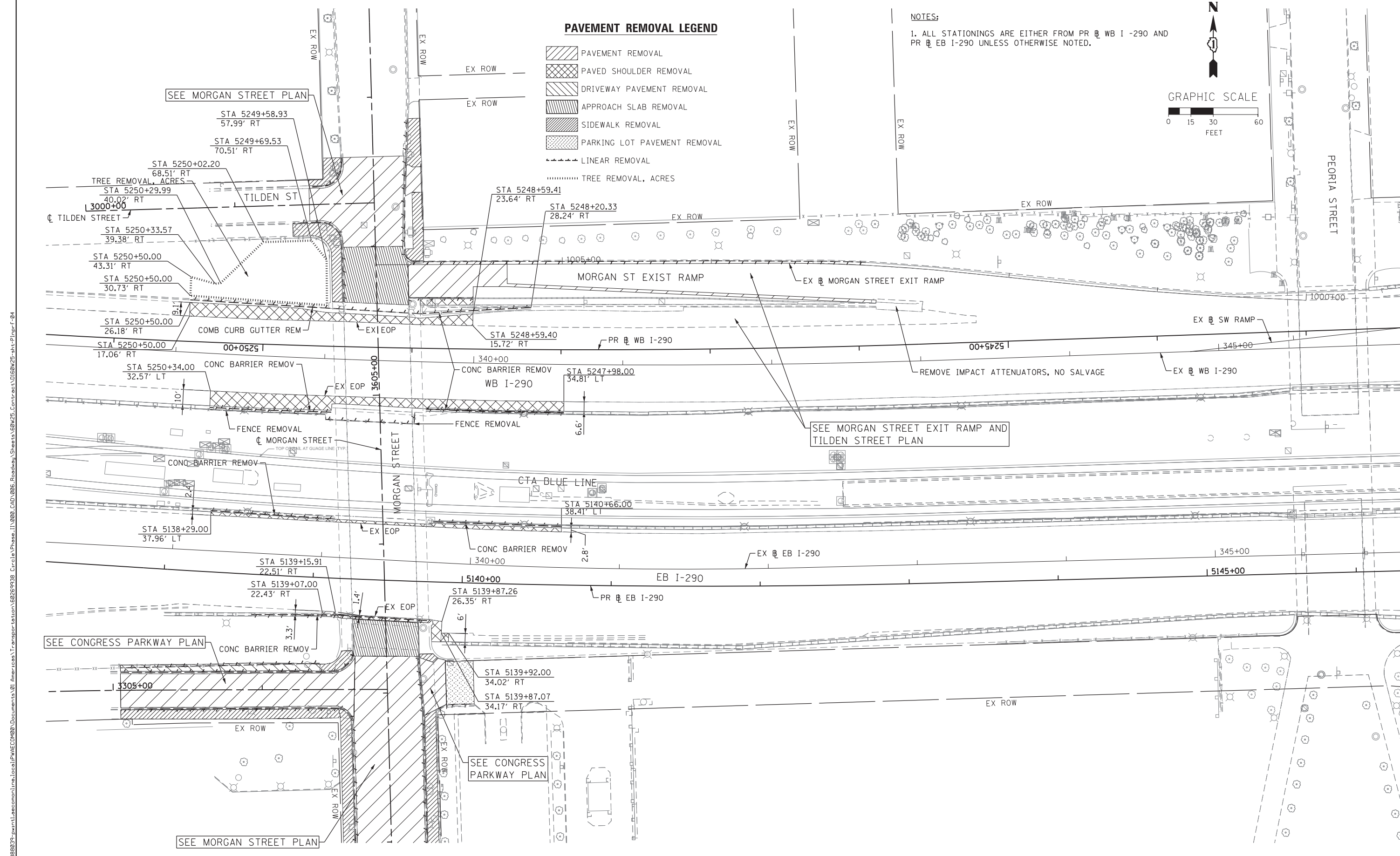
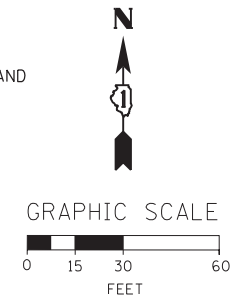
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	41
CONTRACT NO. 60W25				
ILLINOIS FED. AID PROJECT				

PAVEMENT REMOVAL LEGEND

-  PAVEMENT REMOVAL
-  PAVED SHOULDER REMOVAL
-  DRIVEWAY PAVEMENT REMOVAL
-  APPROACH SLAB REMOVAL
-  SIDEWALK REMOVAL
-  PARKING LOT PAVEMENT REMOVAL
-  LINEAR REMOVAL
-  TREE REMOVAL, ACRES

NOTES:

1. ALL STATIONINGS ARE EITHER FROM PR EB I-290 AND PR WB I-290 UNLESS OTHERWISE NOTED.



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D160W25-sht-P1.nprf-04
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 PLOT SCALE = 30.0000' / 1" IN.
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CHECKED - DBM	REVISED -
DATE - 6/17/2013	REVISED -

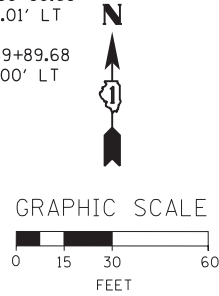
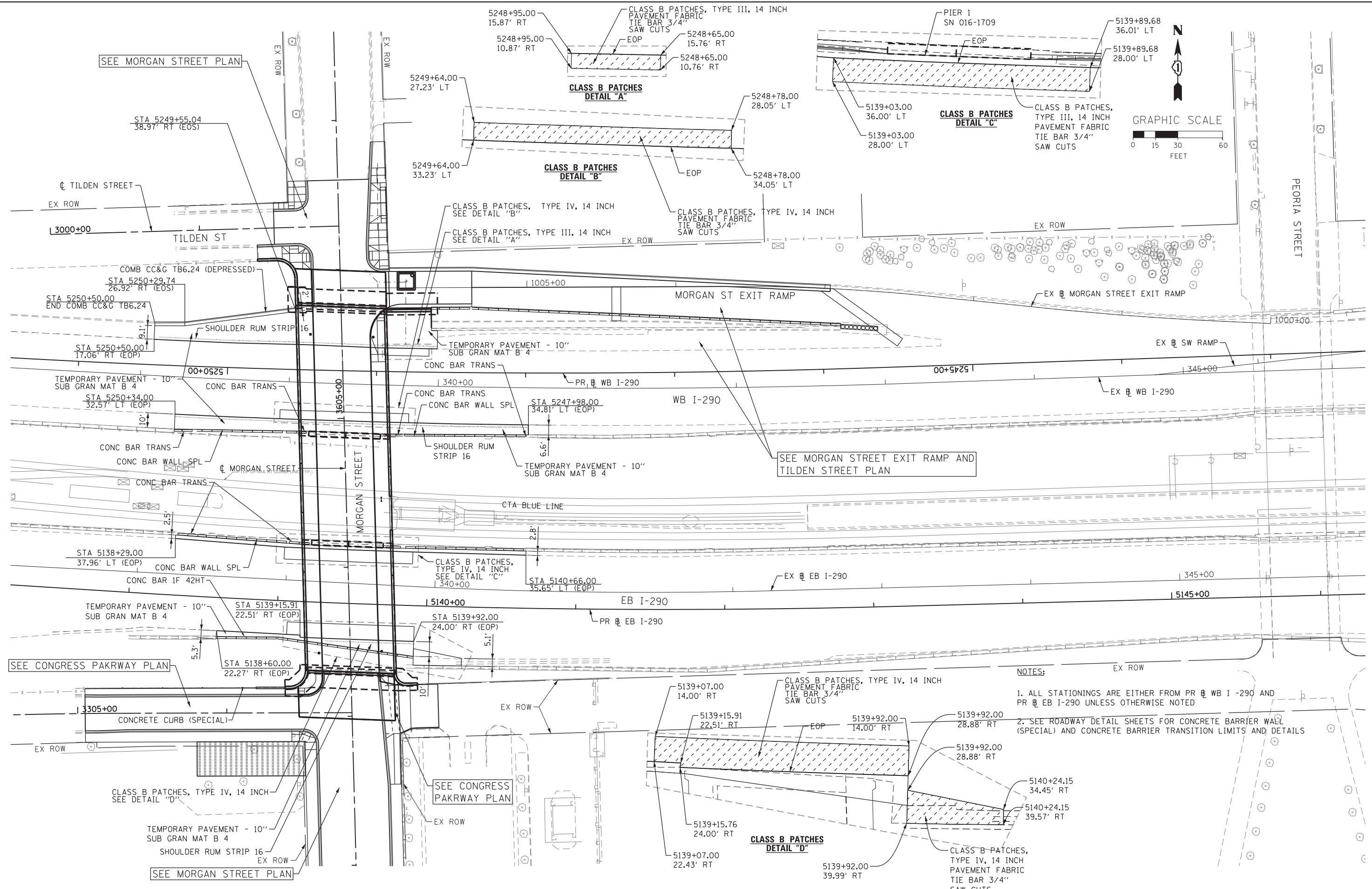
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

I-290 REMOVAL PLAN

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

F.A.I. R.T.E. 90/94/290	SECTION 2013-007R	COUNTY COOK	TOTAL SHEETS 317	SHEET NO. 45
CONTRACT NO. 60W25				
ILLINOIS FED. AID PROJECT				

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- NOTES:**
1. ALL STATIONINGS ARE EITHER FROM PR EB I-290 AND PR WB I-290 UNLESS OTHERWISE NOTED
 2. SEE ROADWAY DETAIL SHEETS FOR CONCRETE BARRIER WALL (SPECIAL) AND CONCRETE BARRIER TRANSITION LIMITS AND DETAILS



D160W25-sht-P1.npf-05
 USER NAME = pimserno
 PLOT SCALE = 30.0000' / 1"
 PLOT DATE = 6/14/2013

DESIGNED - AFC
 DRAWN - AFC
 CHECKED - DBM
 DATE - 6/17/2013
 REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-290 ROADWAY PLAN
 SCALE: 1" = 30'
 SHEET 2 OF 2 SHEETS
 STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	46
CONTRACT NO. 60W25				
ILLINOIS FED. AID PROJECT				

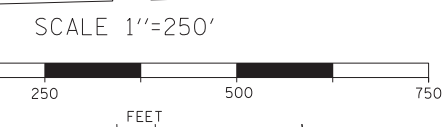
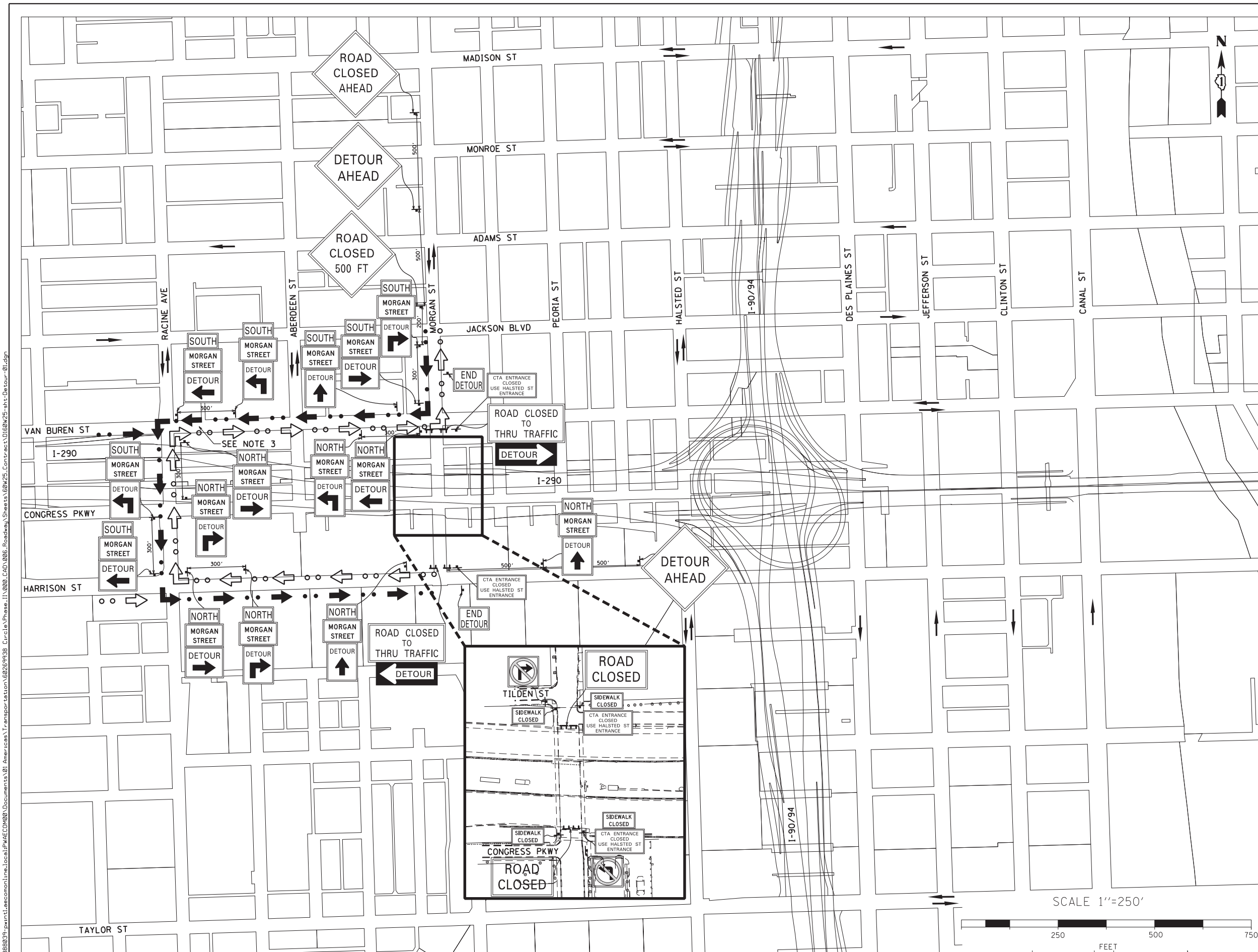
TRAFFIC CONTROL NOTES

1. Detour signing must be installed prior to closure of the Morgan Street Bridge.
2. The contractor is responsible for coordination with other road work in the area.
3. See Suggested Stages of Construction (Stage 1, Sheet 2 of 8) for installation of temporary pavement markings necessary for this detour.
4. "CTA ENTRANCE CLOSED USE HALSTED ST ENTRANCE" signs should be used as shown (this sheet) during Stage 1 of the Suggested Stages of Construction and removed when pedestrian access to the Morgan St. CTA station is re-opened in Stage 2.

LEGEND

- NORTHBOUND MORGAN DETOUR ROUTE
- SOUTHBOUND MORGAN DETOUR ROUTE
- ARROW BOARD
- TEMPORARY SIGN
- SIGN BARRICADE TYPE III
- ROADWAY DIRECTION

W20-3 48"x48"	W20-3 48"x48"	W20-2 48"x48"
M3-1 24"x12"	M3-3 24"x12"	CUSTOM SPECIAL BLACK LETTERS ON ORANGE BACKGROUND 30"x18"
R3-1 24"x24"	R3-2 24"x24"	R11-1101 24"x18"
R11-2 48"x30"	M4-8A 24"x18"	R11-4 60"x30"
M4-10L 48"x18"	M4-10R 48"x18"	CUSTOM SPECIAL BLACK LETTERS ON ORANGE BACKGROUND 48"x24"
M4-9R 24"x30"	M4-9L 24"x30"	M4-9 24"x30"
M4-9L 30"x24"	M4-9R 30"x24"	



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D16W25-sht-Detour-01.dgn
 USER NAME = maronik
 PLOT SCALE = 250.0000' / 1"
 PLOT DATE = 6/11/2013

DESIGNED - JRB	REVISED -
DRAWN - JRB	REVISED -
CHECKED - SLW	REVISED -
DATE - 6/17/2013	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

MORGAN STREET DETOUR PLAN

SCALE: 1"=250' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	47
CONTRACT NO. 60W25			ILLINOIS FED. AID PROJECT	

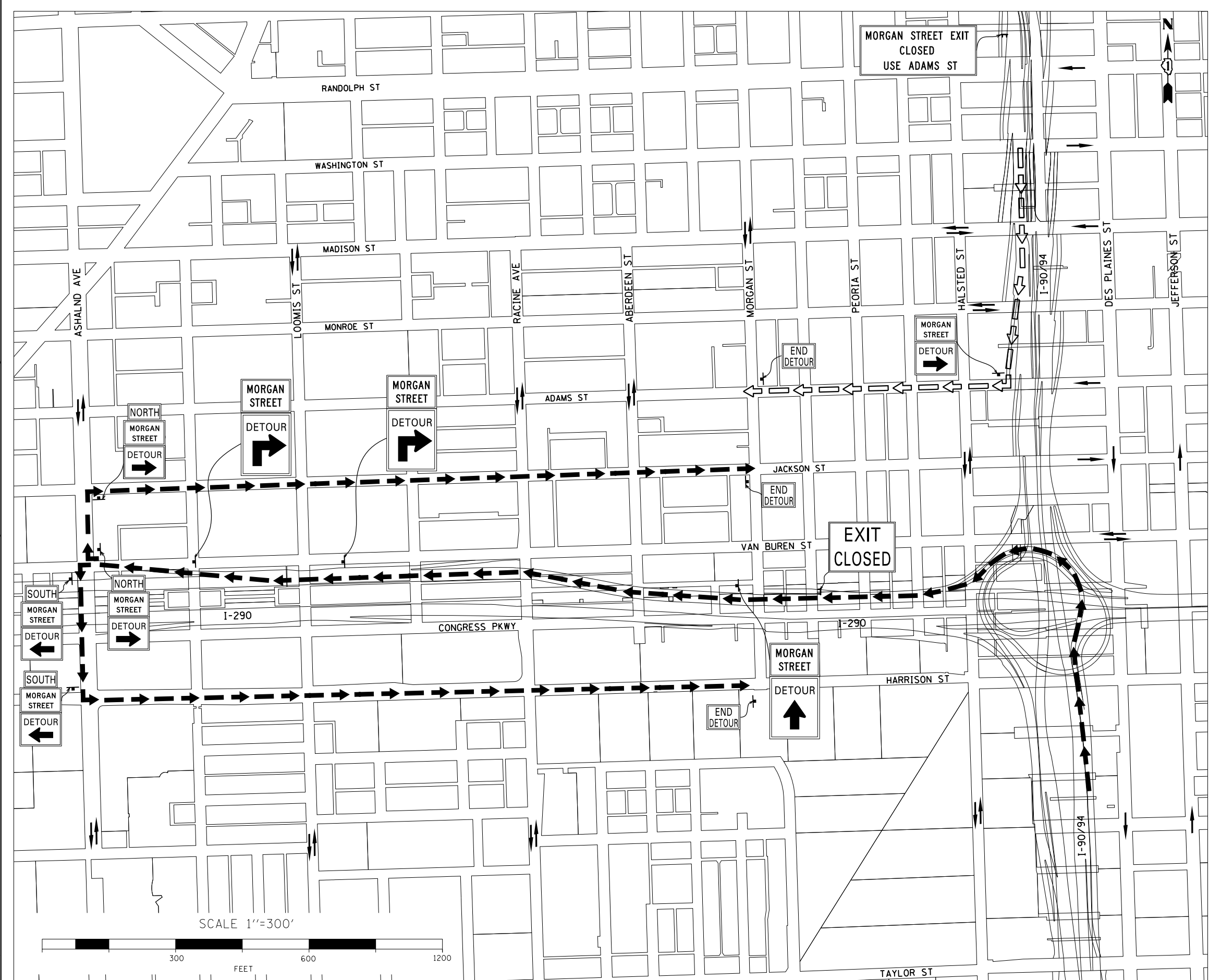
TRAFFIC CONTROL NOTES

1. Detour signing must be installed prior to closure of the Morgan Street Exit Ramp.
2. The contractor is responsible for coordination with other road work in the area.

LEGEND

- SOUTHBOUND SUGGESTED ALTERNATIVE ROUTE
- NORTHBOUND SUGGESTED ALTERNATIVE ROUTE
- ARROW BOARD
- TEMPORARY SIGN
- SIGN BARRICADE TYPE III
- ROADWAY DIRECTION

NORTH M3-1 24"x12"	SOUTH M3-3 24"x12"	MORGAN STREET CUSTOM SPECIAL BLACK LETTERS ON ORANGE BACKGROUND 30"x18"
DETOUR M4-9R 24"x30"	DETOUR M4-9L 24"x30"	DETOUR M4-9 24"x30"
DETOUR M4-9L 30"x24"	DETOUR M4-9R 30"x24"	EXIT CLOSED E5-2A 48"x36"
DETOUR M4-9R 36"x48"	DETOUR M4-9 48"x36"	END DETOUR M4-8A 24"x18"
MORGAN STREET EXIT CLOSED USE ADAMS ST CUSTOM SPECIAL BLACK LETTERS ON ORANGE BACKGROUND 84"x36"		MORGAN STREET CUSTOM SPECIAL BLACK LETTERS ON ORANGE BACKGROUND 36"x24"



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D160W25-sht-Detour-02.dgn
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 PLOT SCALE = 300.0000' / in.
 PLOT DATE = 5/15/2013

DESIGNED - JRB	REVISED -
DRAWN - JRB	REVISED -
CHECKED - SLW	REVISED -
DATE - 5/14/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MORGAN STREET EXIT RAMP DETOUR PLAN














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

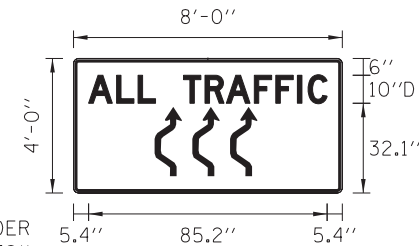
F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	48
CONTRACT NO. 60W25				
ILLINOIS FED. AID PROJECT				

TRAFFIC CONTROL GENERAL NOTES

- TRAFFIC CONTROL AND PROTECTION SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 701 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- TYPE III BARRICADES AND ROAD CLOSURE SIGNS SHALL BE POSITIONED AS SHOWN, ACCORDING TO HIGHWAY STANDARD 701901 AND AS DIRECTED BY THE ENGINEER.
- TYPE A LOW INTENSITY FLASHING WARNING LIGHTS SHALL BE USED ON EACH SIGN IN ADVANCE OF THE WORK DURING HOURS OF DARKNESS.
- ALL WARNING SIGNS SHALL BE A MINIMUM OF 48" x 48" AND HAVE A BLACK LEGEND AND BORDER ON A FLUORESCENT ORANGE REFLECTORIZED BACKGROUND.
- ALL TYPE III BARRICADES UTILIZED FOR ROAD CLOSURES SHALL HAVE TWO LOW INTENSITY FLASHING LIGHTS MOUNTED ON TOP OF EACH BARRICADE.
- EXACT LOCATION OF ALL WARNING SIGNS AND BARRICADES SHALL BE STAKED IN THE FIELD FOR APPROVAL BY THE ENGINEER PRIOR TO INSTALLATION.
- PRIOR TO START OF CONSTRUCTION, ALL REQUIRED TRAFFIC CONTROL DEVICES SHALL BE IN PLACE.
- IN AREAS WHERE A MINIMUM OFFSET OF 2 FEET FROM THE TRAVEL LANE TO THE FACE OF TEMPORARY CONCRETE BARRIER CANNOT BE ACHIEVED, THE BARRIER SHALL BE ANCHORED TO THE PAVEMENT. ANCHORS SHALL ALSO BE PROVIDED WHERE CONSTRUCTION ACTIVITY PLACES A TRAFFIC HAZARD WITHIN 3.5 FEET OF THE TEMPORARY CONCRETE BARRIER. NO ADDITIONAL PAYMENT SHALL BE MADE FOR ANCHORING OF TEMPORARY CONCRETE BARRIER.
- A MINIMUM 11' LANE WIDTH SHALL BE MAINTAINED ON ALL INTERSTATE LANES OPEN TO TRAFFIC DURING CONSTRUCTION.
- COOPERATION BETWEEN CONTRACTORS MAY BE REQUIRED.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER 28 DAYS PRIOR TO ANY ANTICIPATED CLOSURES.
- LANE WIDTHS IN THESE PLANS ARE ASSUMED TO BE 12 FT UNLESS DESIGNATED OTHERWISE.
- OFFSETS BETWEEN THE EDGE OF TRAVEL LANE AND THE FACE OF TEMPORARY CONCRETE BARRIER ARE ASSUMED TO BE 2 FT UNLESS DESIGNATED OTHERWISE.
- THE CONTRACTOR SHALL BE ADVISED THAT THE WORK DURING PEAK HOURS SPECIFICATION TAKE PRECEDENCE OVER THE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL.
- PEDESTRIAN ACCESS TO THE CTA MORGAN STREET STATION DURING CONSTRUCTION IS NOT ALLOWED.
- 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.
- 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.
- 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.
- MAINTAIN ACCESS TO FIRE HYDRANTS, BUILDING STANDPIPES AND OTHER EMERGENCY FACILITIES WITHIN THE CONSTRUCTION ZONE.
- THE CONTRACTOR SHALL COORDINATE WORK WITH PRIVATE UTILITY COMPANIES AND THEIR CONTRACTORS FOR ADJUSTMENTS, SUPPORTS, AND RELOCATION. UTILITY WORK WILL GENERALLY BE CONDUCTED PRIOR TO ROADWAY WORK, BUT CERTAIN ITEMS MAY NEED TO PROCEED IN CONCERT WITH CONSTRUCTION OPERATIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT AFFECTED UTILITIES AND COORDINATE WORK WITHIN THE CONSTRUCTION SCHEDULE. THE EFFORT OF WHICH WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT. A LIST OF UTILITY CONTACTS IS LOCATED WITHIN THE GENERAL NOTES.
- DEMOLITION AND RECONSTRUCTION OF NORTH & SOUTH PIERS AND SUPERSTRUCTURES SHALL BE COORDINATED WITH THE CTA. CTA TRACK CLOSURES ARE ALLOWED DURING OFF-PEAK HOURS ONLY. ALL CTA TRACK CLOSURES SHALL BE COORDINATED AND PERFORMED IN ACCORDANCE TO THE DISCRETION OF THE CTA.
- 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.
- 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.
- SIGN W21-1a SHALL BE TAKEN DOWN WHEN THE WORKERS ARE NOT PRESENT.

LEGEND

-  WORK ZONE
-  TEMPORARY IMPACT ATTENUATOR
-  TEMPORARY CONCRETE BARRIER
-  TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
-  TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
-  DIRECTION OF TRAFFIC FLOW
-  SIGN
-  VERTICAL PANEL WITH STEADY BURNING LIGHT (AT SPECIFIED SPACING)
-  ARROW BOARD
-  TYPE III BARRICADE
-  BARRICADE OR DRUM WITH FLASHING LIGHT
-  TEMPORARY PAVEMENT MARKING - LINE 4"
-  REMOVAL LIMITS



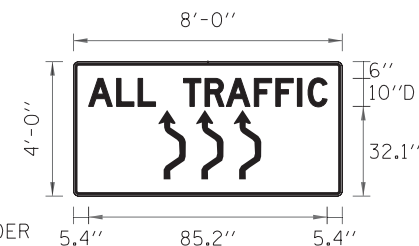
BORDER
R=1.38"
TH=0.75"
IN=0.5"

Panel Style: warning_Rectangular.ssi
Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)											LENGTH	SERIESSIZE	
A	L	L		T	R	A	F	F	I	C		D 2000	
5.4	15.4	23.1	29.3	39.3	47	54.6	64.6	72.3	80	83.8		85.2	10

SIGN NUMBER	TC-SGN-01 *
WIDTH x HGHT.	8'-0" x 4'-0"
BORDER WIDTH	0.75"
CORNER RADIUS	1.38"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective
	COLOR: Orange
LEGEND/BORDER	TYPE: Reflective
	COLOR: Black/Black

SYMBOL	ROT	X	Y	WID	HT



BORDER
R=1.38"
TH=0.75"
IN=0.5"

Panel Style: warning_Rectangular.ssi
Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)											LENGTH	SERIESSIZE	
A	L	L		T	R	A	F	F	I	C		D 2000	
5.4	15.4	23.1	29.3	39.3	47	54.6	64.6	72.3	80	83.8		85.2	10

SIGN NUMBER	TC-SGN-02 *
WIDTH x HGHT.	8'-0" x 4'-0"
BORDER WIDTH	0.75"
CORNER RADIUS	1.38"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective
	COLOR: Orange
LEGEND/BORDER	TYPE: Reflective
	COLOR: Black/Black

SYMBOL	ROT	X	Y	WID	HT

• SEE NOTE 22

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D160W25-sh-t-Staging-Notes-01
USER NAME = chiuo
PLOT SCALE = 1.0000' / in.
PLOT DATE = 6/14/2013

DESIGNED - OPS
DRAWN - OPS
CHECKED - DBM
DATE - 6/17/2013

REVISED -
REVISED -
REVISED -
REVISED -

**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	2013-007R	COOK	317	49
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W25	

STAGING NARRATIVE

STAGE 1

MAINTENANCE OF TRAFFIC ALONG WB I-290 MAINLINE

- CLOSE THE INSIDE SHOULDER AND INSIDE LANE OF WB I-290. MAINTAIN THREE 12' LANES OF TRAFFIC AT ALL TIMES. LANE CLOSURE SHALL BE PER STANDARD 701401 AND TC-09.
- CLOSE THE EXIT RAMP TO MORGAN STREET ACCORDING TO TC-08. RAMP TO REMAIN CLOSED UNTIL THE COMPLETION OF THE PROJECT.
- BEAM ERECTION WILL BE COMPLETED UTILIZING FIFTEEN MINUTE NIGHT TIME CLOSURES DURING NON-PEAK HOURS.

MAINTENANCE OF TRAFFIC ALONG EB I-290 MAINLINE

- CLOSE THE INSIDE SHOULDER AND INSIDE LANE OF EB I-290. MAINTAIN THREE 12' LANES OF TRAFFIC AT ALL TIMES. LANE CLOSURE SHALL BE PER STANDARD 701401 AND TC-09.
- BEAM ERECTION WILL BE COMPLETED UTILIZING FIFTEEN MINUTE NIGHT TIME CLOSURES DURING NON-PEAK HOURS.

MAINTENANCE OF TRAFFIC ON LOCAL ROADS

- TRAFFIC UTILIZING NB AND SB MORGAN STREET WILL BE DETOURED USING VAN BUREN STREET TO RACINE AVE AND RACINE AVE TO HARRISON STREET AND VICE VERSA (SEE DETOUR PLAN). NO VEHICULAR TRAFFIC IS ALLOWED ON MORGAN STREET.
- TRAFFIC UTILIZING MORGAN STREET EXIT WILL BE DETOURED USING THE ASHLAND AVE EXIT (SEE DETOUR PLAN). NORTHBOUND TRAFFIC WILL USE NB ASHLAND AVE TO EB JACKSON BLVD AND SOUTHBOUND TRAFFIC WILL USE SB ASHLAND AVE TO WB HARRISON AVE.
- MAINTAIN ACCESS TO DRIVEWAY ENTRANCE TO UIC PARKING LOT #9 AT ALL TIMES UTILIZING THE TEMPORARY DRIVEWAY.
- MAINTAIN ACCESS TO DRIVEWAY ENTRANCE AT 933 W. VAN BUREN STREET PARKING GARAGE NORTH OF THE MORGAN STREET AND TILDEN STREET INTERSECTION AT ALL TIMES.
- MAINTAIN TRAFFIC ALONG CONGRESS PARKWAY FROM THE UIC PAVILION PARKING LOT.
- COMPLETELY CLOSE OFF ALL ACCESS TO SIDEWALK ON THE MORGAN STREET BRIDGE DURING CONSTRUCTION OF THE EAST HALF. ACCESS TO THE CTA MORGAN STREET STATION IS CLOSED. DETOUR FOR THE MORGAN STREET CTA STATION IS AT THE DISCRETION OF THE CTA (SEE DETOUR PLAN).
- PROVIDE SIDEWALK CLOSURES AT BOTH NORTH AND SOUTH SIDES OF THE MORGAN STREET BRIDGE. SIDEWALK CLOSURE SHALL BE PER STANDARD 701801.

STAGE 1

CONSTRUCTION TO BE COMPLETED IN STAGE 1

- THE CONSTRUCTION OF THE MORGAN STREET BRIDGE WILL BE STAGED. THE EAST HALF OF THE BRIDGE WILL BE CONSTRUCTED FIRST. THE DEMOLITION AND RECONSTRUCTION OF NORTH & SOUTH PIERS AND SUPERSTRUCTURE SHALL BE COORDINATED WITH THE CTA. CTA TRACK CLOSURES ARE ALLOWED DURING OFF-PEAK HOURS ONLY. ALL CTA TRACK CLOSURES SHALL BE COORDINATED AND PERFORMED IN ACCORDANCE TO THE DISCRETION OF THE CTA.
- INSTALL TEMPORARY CONCRETE BARRIER WALL AS SHOWN IN THE STRUCTURAL PLANS TO LOCATE CONSTRUCTION WORK ZONE ON THE EAST HALF OF EXISTING MORGAN STREET BRIDGE.
- INSTALL TEMPORARY SUPPORTS AT REQUIRED LOCATIONS PER STRUCTURAL PLANS.
- COORDINATE WITH CONTRACTOR REMOVING AND REPLACING EXISTING COMED DUCTBANK. THE REMOVAL AND REPLACEMENT OF THE EXISTING UTILITY SHALL BE COORDINATED AND AT THE DISCRETION OF COMED REMOVE, RELOCATE AND RECONSTRUCT THE RISER SHAFT AND WATER MAIN CONNECTION PIPES. THE WATER MAIN SHUTOFF, RELOCATION AND CONSTRUCTION OF WATER MAIN AND RISER SHAFT SHALL BE AS SPECIFIED IN THE WATER MAIN REPLACEMENT AND STRUCTURAL PLANS AND PER THE SPECIAL PROVISIONS.
- PARTIALLY REMOVE EXISTING MORGAN STREET EXIT RAMP.
- CONSTRUCT THE MORGAN STREET EXIT RAMP. WORK INCLUDES BUT NOT LIMITED TO PAVEMENT, CURB AND GUTTER, DRAINAGE, AND EROSION CONTROL.
- REMOVE MEDIAN CONCRETE BARRIERS ON THE INSIDE SHOULDERS ALONG EB AND WB I-290.
- INSTALL PROPOSED OVERHEAD BRIDGE MOUNTED SIGN ON RACINE AVE BRIDGE STRUCTURE PRIOR TO THE REMOVAL OF THE EXISTING OVERHEAD BRIDGE MOUNTED SIGN ON MORGAN ST BRIDGE STRUCTURE. INSTALLATION SHALL BE COMPLETED DURING NON-PEAK HOURS.
- REMOVE EXISTING MORGAN STREET BRIDGE ON THE EAST SIDE OF STAGE REMOVAL LINE AS SHOWN IN STRUCTURAL PLANS. REMOVAL INCLUDES SUPERSTRUCTURE, PIERS, FOOTING, AND/OR PILES WITHIN LIMITS AS SPECIFIED IN THE STRUCTURAL PLANS AND SPECIAL PROVISIONS. REMOVE ANY ABANDONED CTA FOUNDATIONS INTERFERING WITH THE PROPOSED NORTH ABUTMENT, APPROACH CONSTRUCTION AND PROPOSED UTILITY WORK.
- DRILL AND CAST DRILLED SHAFTS FOR PIERS AND ABUTMENTS AS SHOWN IN FOOTING LAYOUT.
- CONSTRUCT THE EAST HALF OF THE PIERS 1 (SOUTH) AND 2 (NORTH) AS SHOWN IN STRUCTURAL PLANS.
- CONSTRUCT THE NORTH AND SOUTH ABUTMENTS AS SHOWN IN STRUCTURAL PLANS.
- ERECT BEAMS 7 THRU 12 AND CONSTRUCT ALL APPURTENANCE SUPERSTRUCTURE WORK UPON COMPLETION OF BEAM ERECTION AS SPECIFIED IN STAGE 1 CONSTRUCTION SHOWN IN THE STRUCTURAL PLANS.
- CONSTRUCT THE EAST HALF OF THE NORTH AND SOUTH PAVEMENT APPROACHES.
- CONSTRUCT RETAINING WALL 5 (SN 016-1724) LIMITS AS SHOWN IN THE STRUCTURAL PLANS. THE CONSTRUCTION OF RETAINING WALL 5 (SN 016-1724) SHOULD BE COORDINATED WITH THE RISER SHAFT AND WATER MAIN CONNECTION CONSTRUCTION.
- REPLACE CONCRETE BARRIER WALL (SPECIAL) AND PROVIDE PATCHING ALONG THE INSIDE SHOULDERS ALONG EB AND WB I-290. WORK SHALL BE COMPLETED DURING NON-PEAK HOURS UTILIZING NIGHT TIME CLOSURE AS REQUIRED.
- REMOVE AND RECONSTRUCT THE EAST HALF OF MORGAN STREET AND TILDEN STREET INTERSECTION PAVEMENT, SIDEWALK, ADA RAMPS, DRAINAGE AND CURB AND GUTTER. WORK PERFORMED SHALL BE PER STANDARD 701701.
- REMOVE AND RECONSTRUCT THE EAST HALF OF THE MORGAN STREET AND CONGRESS PARKWAY INTERSECTION PAVEMENT, DRIVEWAY AT UIC PARKING LOT #9, SIDEWALK, ADA RAMPS, DRAINAGE AND CURB AND GUTTER. WORK PERFORMED SHALL BE PER STANDARD 701701.
- INSTALL CITY OF CHICAGO CONDUITS.

STAGE 2

MAINTENANCE OF TRAFFIC ALONG WB I-290 MAINLINE

- THE INSIDE SHOULDER AND INSIDE LANE OF WB I-290 TO REMAIN CLOSED.
- MAINTAIN THREE 12' LANES OF TRAFFIC CONFIGURATIONS AS IN STAGE 1.
- EXIT RAMP TO MORGAN STREET TO REMAIN CLOSED UNTIL THE COMPLETION OF THE PROJECT.
- BEAM ERECTION WILL BE COMPLETED UTILIZING FIFTEEN MINUTE NIGHT TIME CLOSURES DURING NON-PEAK HOURS.

MAINTENANCE OF TRAFFIC ALONG EB I-290 MAINLINE

- THE INSIDE SHOULDER AND INSIDE LANE OF EB I-290 TO REMAIN CLOSED.
- MAINTAIN THREE 12' LANES OF TRAFFIC CONFIGURATIONS AS IN STAGE 1.
- BEAM ERECTION WILL BE COMPLETED UTILIZING FIFTEEN MINUTE NIGHT TIME CLOSURES DURING NON-PEAK HOURS.

MAINTENANCE OF TRAFFIC ON LOCAL ROADS

- TRAFFIC UTILIZING NB AND SB MORGAN STREET WILL BE DETOURED USING VAN BUREN STREET TO RACINE AVE AND RACINE AVE TO HARRISON STREET AND VICE VERSA. (SEE DETOUR PLAN). NO VEHICULAR TRAFFIC IS ALLOWED ON MORGAN STREET.
- TRAFFIC UTILIZING MORGAN STREET EXIT WILL BE DETOURED USING THE ASHLAND AVE EXIT. NORTHBOUND TRAFFIC WILL USE NB ASHLAND AVE TO EB JACKSON BLVD AND SOUTHBOUND TRAFFIC WILL USE SB ASHLAND AVE TO WB HARRISON AVE.
- MAINTAIN ACCESS TO DRIVEWAY ENTRANCE TO UIC PARKING LOT #9 AT ALL TIMES UTILIZING THE TEMPORARY DRIVEWAY.
- MAINTAIN ACCESS TO DRIVEWAY ENTRANCE AT 933 W. VAN BUREN STREET PARKING GARAGE NORTH OF THE MORGAN STREET AND TILDEN STREET INTERSECTION AT ALL TIMES.
- SUB-STAGE THE CONSTRUCTION OF CONGRESS PARKWAY TO MINIMIZE CLOSURES. WHEN POSSIBLE MAINTAIN 1 LANE OF TRAFFIC ALONG CONGRESS PARKWAY FROM THE UIC PAVILION PARKING LOT.
- ONLY ALLOW PEDESTRIAN ACCESS TO SIDEWALK AND MORGAN STREET CTA STATION ON THE EAST HALF OF THE PREVIOUSLY CONSTRUCTED MORGAN STREET BRIDGE. ALL OTHER SIDEWALKS TO REMAIN CLOSED AT BOTH NORTH AND SOUTH SIDES OF THE MORGAN STREET BRIDGE. SIDEWALK CLOSURE SHALL BE PER STANDARD 701801.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES CONSTRUCTION AND TRAFFIC CONTROL –
STAGING NARRATIVE**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	50
CONTRACT NO. 60W25			ILLINOIS FED. AID PROJECT	

STAGING NARRATIVE

STAGE 2

CONSTRUCTION TO BE COMPLETED IN STAGE 2

- INSTALL TEMPORARY CONCRETE BARRIER WALL ON THE PREVIOUSLY CONSTRUCTED EAST HALF OF THE BRIDGE AS SHOWN IN THE STRUCTURAL PLANS.
- OPEN ALL SIDEWALK ALONG EAST PORTION OF WORK TO PEDESTRIAN TRAFFIC. SIDEWALK MUST BE COMPLETE AND CONTINUOUS ALONG THE ENTIRE PROJECT LIMITS IN ORDER TO ALLOW UNINTERRUPTED PEDESTRIAN ACCESS TO THE REOPENED MORGAN STREET ENTRANCE TO THE CTA BLUE LINE STATION. CONTRACTOR MUST INCLUDE APPROPRIATE PROTECTIONS FOR PEDESTRIANS WITHIN WORK ZONE.
- COORDINATE WITH THE CONTRACTOR RELOCATING THE COMED DUCTBANKS TO THE NEWLY CONSTRUCTED EAST HALF OF THE BRIDGE AS SHOWN IN THE PLAN. THE REMOVAL AND REPLACEMENT OF EXISTING UTILITY SHALL BE COORDINATED AND AT THE DISCRETION OF .
- REMOVE EXISTING MORGAN STREET BRIDGE ON THE WEST SIDE OF STAGE REMOVAL LINE AS SHOWN IN STRUCTURAL PLANS. REMOVAL INCLUDES SUPERSTRUCTURE, PIERS, FOOTING, AND/OR PILES WITHIN LIMITS AS SPECIFIED IN THE STRUCTURAL PLANS AND SPECIAL PROVISIONS. REMOVE ANY ABANDONED CTA FOUNDATIONS INTERFERING WITH THE PROPOSED NORTH ABUTMENT, APPROACH CONSTRUCTION AND PROPOSED UTILITY WORK.
- CONTINUE TO DRILL AND CAST DRILLED SHAFTS AND CONSTRUCTION OF ABUTMENTS AS SHOWN IN FOOTING LAYOUT.
- CONSTRUCT THE REMAINING WEST HALF OF THE PIERS 1 (SOUTH), 2 (NORTH) AND ABUTMENTS AS SHOWN IN STRUCTURAL PLANS.
- ERECT BEAMS 1 THRU 6 AND CONSTRUCT ALL APPURTENANCE SUPERSTRUCTURE WORK UPON COMPLETION OF BEAM ERECTION AS SPECIFIED IN STAGE I CONSTRUCTION SHOWN IN THE STRUCTURAL PLANS.
- CONSTRUCT THE WEST HALF OF THE NORTH AND SOUTH PAVEMENT APPROACHES.
- REPLACE CONCRETE BARRIER WALL (SPECIAL) AND PROVIDE PATCHING ALONG THE INSIDE SHOULDERS ALONG EB AND WB I-290. WORK SHALL BE COMPLETED DURING NON-PEAK HOURS UTILIZING NIGHT TIME CLOSURE AS REQUIRED.
- THE CONSTRUCTION OF CONGRESS PARKWAY INCLUDES BUT NOT LIMITED TO PAVEMENT, SIDEWALK, ADA RAMPS, DRAINAGE, CURB AND GUTTER AND KNEE WALL (SPECIAL) FROM THE WEST END OF PROJECT LIMIT TO THE BEGINNING OF THE CURB RETURN. SUB-STAGE THE CONSTRUCTION OF CONGRESS PARKWAY TO MINIMIZE THE DURATION OF THE CLOSURES. WORK PERFORMED SHALL BE PER STANDARD 701601 TO ACCOMMODATE TRAFFIC WHEN POSSIBLE.
- REMOVE AND RECONSTRUCT THE SOUTHWEST QUADRANT OF MORGAN STREET AND TILDEN STREET INTERSECTION THE PAVEMENT, SIDEWALK, ADA RAMPS, DRAINAGE AND CURB AND GUTTER. WORK PERFORMED SHALL BE PER STANDARD 701701.

STAGE 3

MAINTENANCE OF TRAFFIC ALONG WB I-290 MAINLINE

- CLOSE THE OUTSIDE SHOULDER AND OUTSIDE LANE OF WB I-290. MAINTAIN THREE 12' LANES OF TRAFFIC CONFIGURATIONS AS IN STAGE 1.
- EXIT RAMP TO MORGAN STREET TO REMAIN CLOSED UNTIL THE COMPLETION OF THE PROJECT.

MAINTENANCE OF TRAFFIC ALONG EB I-290 MAINLINE

- CLOSE THE OUTSIDE SHOULDER AND OUTSIDE LANE OF WB I-290. MAINTAIN THREE 12' LANES OF TRAFFIC CONFIGURATIONS AS IN STAGE 1.

MAINTENANCE OF TRAFFIC ON LOCAL ROADS

- TRAFFIC UTILIZING NB AND SB MORGAN STREET WILL BE DETOURED USING VAN BUREN STREET TO RACINE AVE AND RACINE AVE TO HARRISON STREET AND VICE VERSA. (SEE DETOUR PLAN). NO VEHICULAR TRAFFIC IS ALLOWED ON MORGAN STREET.
- TRAFFIC UTILIZING MORGAN STREET EXIT WILL BE DETOURED USING THE ASHLAND AVE EXIT. NORTHBOUND TRAFFIC WILL USE NB ASHLAND AVE TO EB JACKSON BLVD AND SOUTHBOUND TRAFFIC WILL USE SB ASHLAND AVE TO WB HARRISON AVE.
- MAINTAIN ACCESS TO DRIVEWAY ENTRANCE TO UIC PARKING LOT #9 AT ALL TIMES UTILIZING THE TEMPORARY DRIVEWAY.
- MAINTAIN ACCESS TO DRIVEWAY ENTRANCE AT 933 W. VAN BUREN STREET PARKING GARAGE NORTH OF THE MORGAN STREET AND TILDEN STREET INTERSECTION AT ALL TIMES.
- OPEN CONGRESS PARKWAY TO TRAFFIC TO SB MORGAN STREET.
- ONLY ALLOW PEDESTRIAN ACCESS TO SIDEWALK AND MORGAN STREET CTA STATION ON THE EAST HALF OF THE PREVIOUSLY CONSTRUCTED MORGAN STREET BRIDGE. ALL OTHER SIDEWALKS TO REMAIN CLOSED AT BOTH NORTH AND SOUTH SIDES OF THE MORGAN STREET BRIDGE. SIDEWALK CLOSURE SHALL BE PER STANDARD 701801.

STAGE 3

CONSTRUCTION TO BE COMPLETED IN STAGE 3

- REMOVE MORGAN STREET BRIDGE NORTH AND SOUTH EXISTING. LIMITS OF REMOVALS AS SPECIFIED IN STRUCTURAL PLANS AND/OR SPECIAL PROVISIONS.
- REMOVE AND RECONSTRUCT THE NORTHWEST QUADRANT OF MORGAN STREET AND TILDEN STREET INTERSECTION PAVEMENT, SIDEWALK, ADA RAMPS, DRAINAGE AND CURB AND GUTTER. WORK PERFORMED SHALL BE PER STANDARD 701701.
- CONSTRUCT THE OUTSIDE SHOULDERS ALONG WB I-290 AND EB I-290.
- INSTALL CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT ALONG THE OUTSIDE SHOULDER OF EB I-290.
- RE-GRADE THE EMBANKMENT ALONG WB AND EB I-290.
- INSTALL ALL ASSOCIATED LIGHTING, UNDERPASS LIGHTING AND ITS AS SPECIFIED IN THE PLANS.
- THE INSTALLATION OF THE ITS DETECTOR LOOPS SHALL UTILIZE NIGHT TIME DUAL LANE CLOSURES. THE TWO INSIDE LANES WILL NEED TO BE CLOSED TOGETHER AND ALTERNATED WITH THE TWO OUTSIDE LANES BEING CLOSED TOGETHER. THE CLOSURES SHALL BE PER STANDARDS 701422 AND/OR 701446 (NOT SHOWN IN STAGING PLANS).
- INSTALL FINAL STRIPING AND SIGNING PER PAVEMENT MARKING AND SIGNING PLANS.
- INSTALL TRAFFIC SIGNAL AND APPURTENANCES.
- OPEN MORGAN STREET AND MORGAN STREET EXIT RAMP TO VEHICULAR TRAFFIC AFTER ALL WORK COMPLETED.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	51
CONTRACT NO. 60W25			ILLINOIS FED. AID PROJECT	

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL – SCHEDULE

LOCATION	STATION	TO	STATION	SHORT TERM PAVEMENT MARKING	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	TEMPORARY PAVEMENT MARKING - LINE 4"	TEMPORARY PAVEMENT MARKING - LINE 24"	WORK ZONE PAVEMENT MARKING REMOVAL	TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	SIGN PANEL OVERLAY	PAVEMENT MARKING REMOVAL	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	
				FOOT	SO FT	FOOT	FOOT	SO FT	FOOT	FOOT	SO FT	FOOT	FOOT	EACH	EACH	SO FT
STAGES 1 & 2	SHEET															
EB I-290	1	318+00.00	TO	332+00.00	2,508	-	1,254	-	-	0.0	-	-	-	9	365	22
	2	332+00.00	TO	347+00.00	1,926	-	963	-	-	412.5	-	1	-	-	388	24
	3	347+00.00	TO	362+00.00	-	-	-	-	-	0.0	-	-	-	-	-	-
	4	362+00.00	TO	368+00.00	-	-	-	-	-	0.0	-	-	-	-	-	-
WB I-290	1	318+00.00	TO	332+00.00	-	43	-	20	-	0.0	-	-	-	-	-	-
	2	332+00.00	TO	347+00.00	5,900	-	2,950	-	-	362.5	-	2	-	-	1,045	80
	3	347+00.00	TO	362+00.00	5,962	-	2,981	-	-	0.0	-	-	-	-	1,682	60
	4	362+00.00	TO	368+00.00	-	-	-	-	-	0.0	-	-	-	-	371	8
MORGAN STREET	2	3601+00.00	TO	3607+00.00	-	-	-	-	-	625.0	300.0	-	-	-	-	-
STAGE 3																
EB I-290	1	318+00.00	TO	332+00.00	-	-	-	-	418	-	0.0	-	-	-	-	-
	2	332+00.00	TO	347+00.00	1,788	-	894	-	619	-	287.5	-	1	-	255	-
	3	347+00.00	TO	362+00.00	-	-	-	-	-	-	0.0	-	-	-	-	-
	4	362+00.00	TO	368+00.00	-	-	-	-	-	-	0.0	-	-	-	-	-
WB I-290	1	318+00.00	TO	332+00.00	-	-	-	-	43	-	0.0	-	-	-	-	-
	2	332+00.00	TO	347+00.00	-	-	-	-	984	-	525.0	-	-	-	-	-
	3	347+00.00	TO	362+00.00	-	-	-	-	994	-	0.0	-	-	-	-	-
	4	362+00.00	TO	368+00.00	-	-	-	-	-	-	0.0	-	-	-	-	-
MORGAN STREET	2	3601+00.00	TO	3607+00.00	-	-	-	-	-	0.0	-	-	-	-	-	
TOTAL				18,084	43	9,042	20	3,058	1,400.0	1,112.5	3	1	9	4,106	194	

- NOTES:
1. TRAFFIC CONTROL AND LANE CONFIGURATION FOR STAGES 1 AND 2 ARE THE SAME.
 2. RELOCATE TEMPORARY CONCRETE BARRIER QUANTITY IS FOR STAGE 2 ON MORGAN STREET BRIDGE.
 3. SEE STAGE CONSTRUCTION OF STRUCTURE NO. 016-1709

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











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 DEPARTMENT OF TRANSPORTATION**

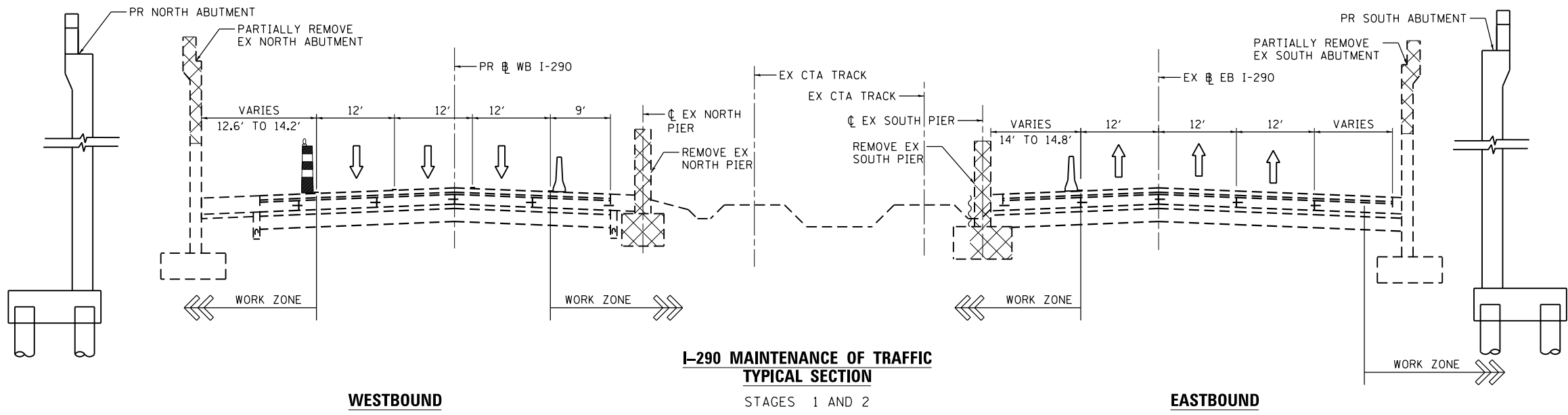
**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL –
 SCHEDULE**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	52
CONTRACT NO. 60W25			ILLINOIS FED. AID PROJECT	

LEGEND

-  WORK ZONE
-  TEMPORARY IMPACT ATTENUATOR
-  TEMPORARY CONCRETE BARRIER
-  TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
-  TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
-  DIRECTION OF TRAFFIC FLOW
-  SIGN
-  VERTICAL PANEL WITH STEADY BURNING LIGHT (AT SPECIFIED SPACING)
-  ARROW BOARD
-  TYPE III BARRICADE
-  BARRICADE OR DRUM WITH FLASHING LIGHT
-  TEMPORARY PAVEMENT MARKING - LINE 4"
-  REMOVAL LIMITS

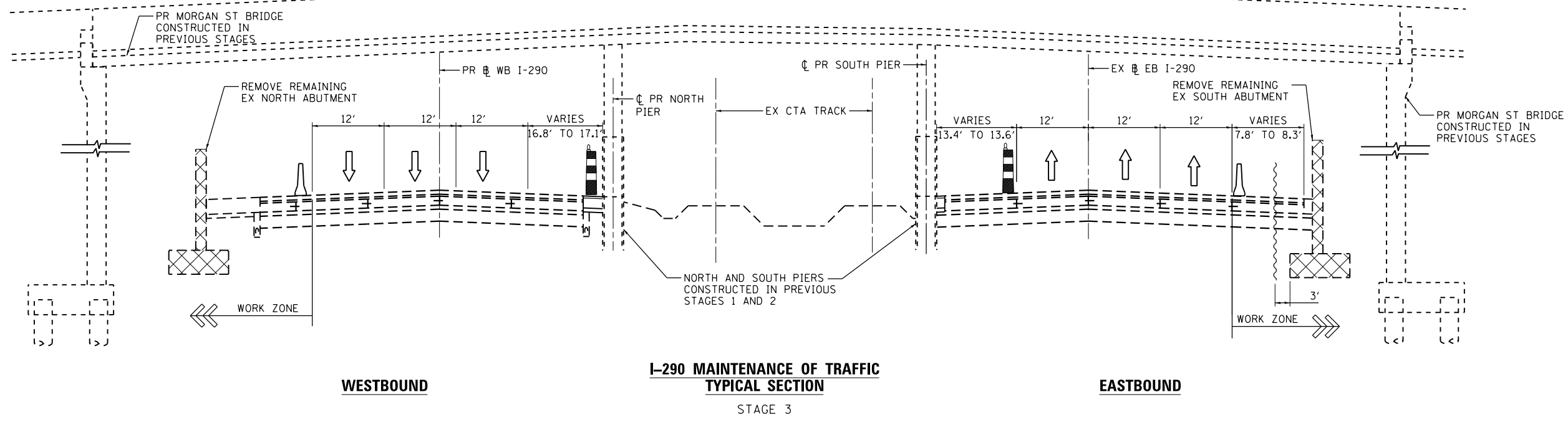


WESTBOUND

I-290 MAINTENANCE OF TRAFFIC TYPICAL SECTION

STAGES 1 AND 2

EASTBOUND



WESTBOUND

I-290 MAINTENANCE OF TRAFFIC TYPICAL SECTION

STAGE 3

EASTBOUND

FILE PATH = ...



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 PLOT DATE = 5/15/2013

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**














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

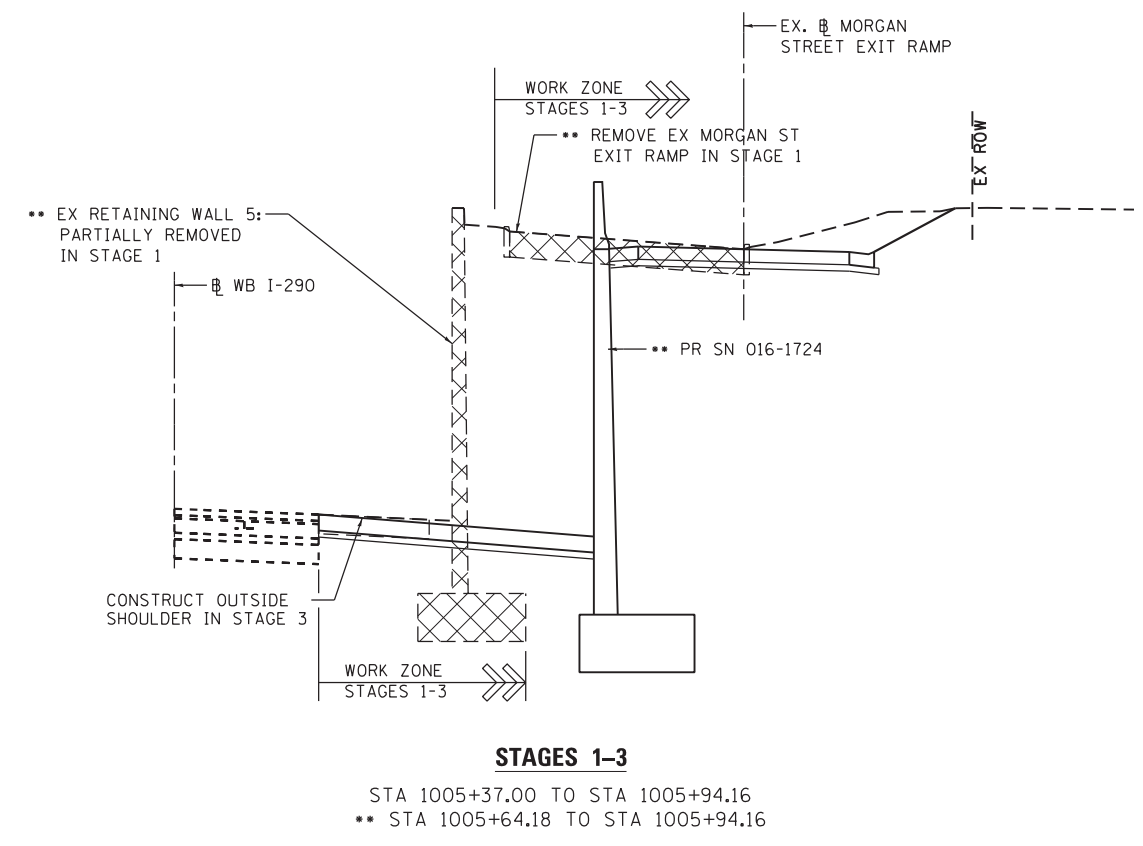
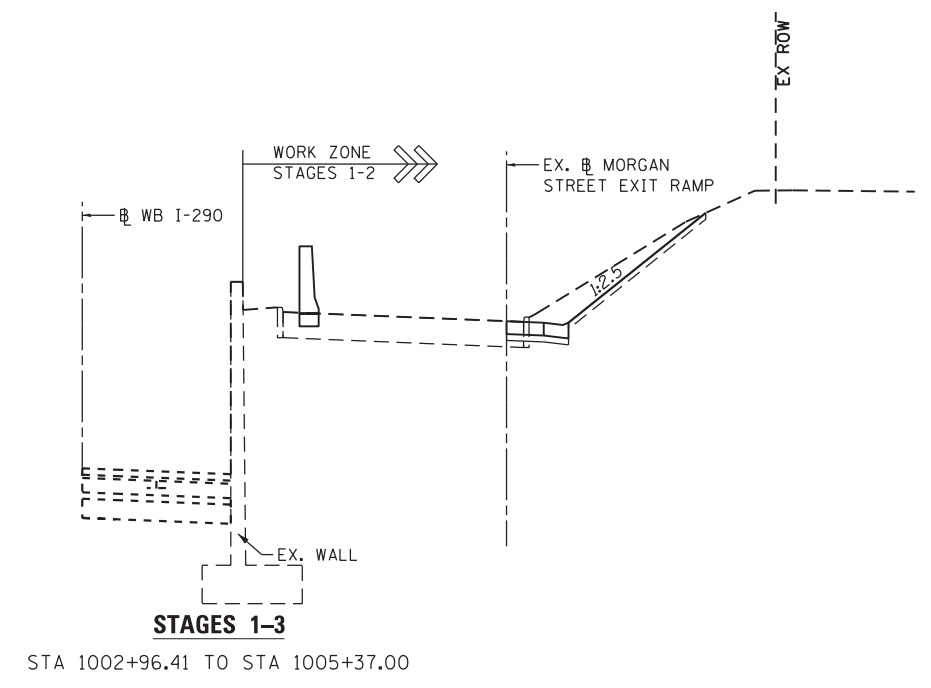
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	53
CONTRACT NO. 60W25			ILLINOIS FED. AID PROJECT	

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LEGEND

-  WORK ZONE
-  TEMPORARY IMPACT ATTENUATOR
-  TEMPORARY CONCRETE BARRIER
-  TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
-  TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
-  DIRECTION OF TRAFFIC FLOW
-  SIGN
-  VERTICAL PANEL WITH STEADY BURNING LIGHT (AT SPECIFIED SPACING)
-  ARROW BOARD
-  TYPE III BARRICADE
-  BARRICADE OR DRUM WITH FLASHING LIGHT
-  TEMPORARY PAVEMENT MARKING - LINE 4"
-  REMOVAL LIMITS



**INTERIM MORGAN STREET EXIT RAMP
 MAINTENANCE OF TRAFFIC
 TYPICAL SECTION**



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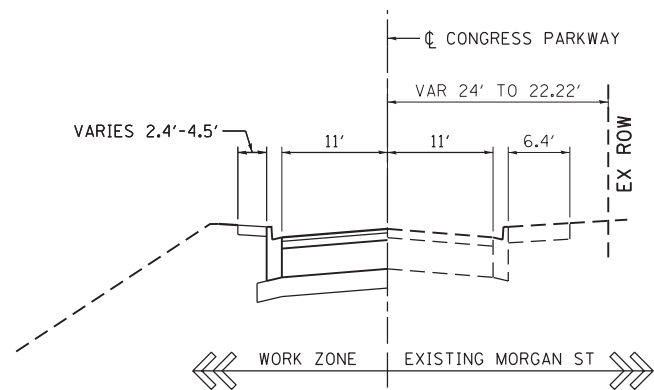
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

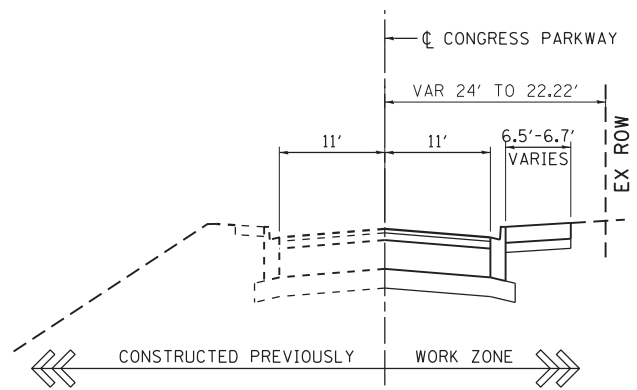
**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
 TYPICAL SECTIONS**

SCALE: N.T.S. SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	54
CONTRACT NO. 60W25				
ILLINOIS FED. AID PROJECT				



STAGE 2
 STA 3305+05.00 TO STA 3606+47.62
 SUB STAGE THE CONSTRUCTION
 OF CONGRESS PARKWAY
 TO MINIMIZE CLOSURE TIME

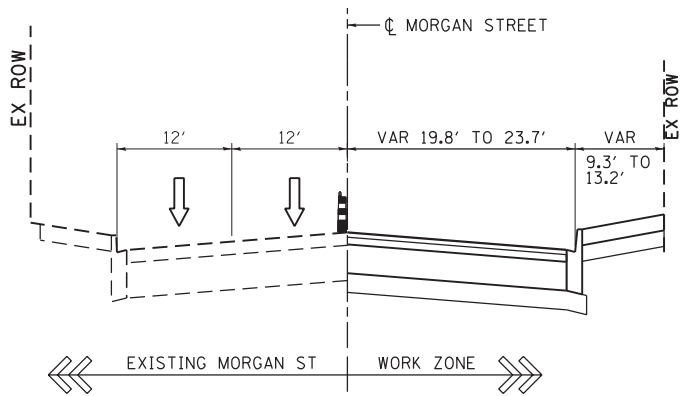


STAGE 2
 STA 3305+05.00 TO STA 3606+47.62
 SUB STAGE THE CONSTRUCTION
 OF CONGRESS PARKWAY
 TO MINIMIZE CLOSURE TIME

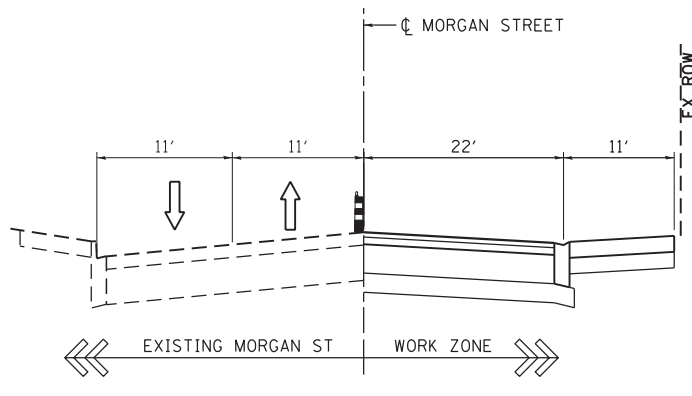
**CONGRESS PARKWAY
 MAINTENANCE OF TRAFFIC
 TYPICAL SECTION**

LEGEND

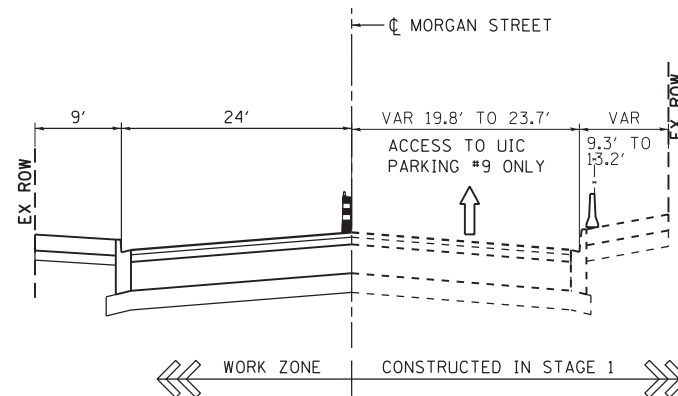
- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
- TEMPORARY CHAIN LINK FENCE WITH SCREENING, 4'
- TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
- DIRECTION OF TRAFFIC FLOW
- SIGN
- VERTICAL PANEL WITH STEADY BURNING LIGHT (AT SPECIFIED SPACING)
- ARROW BOARD
- TYPE III BARRICADE
- BARRICADE OR DRUM WITH FLASHING LIGHT
- TEMPORARY PAVEMENT MARKING - LINE 4"
- REMOVAL LIMITS



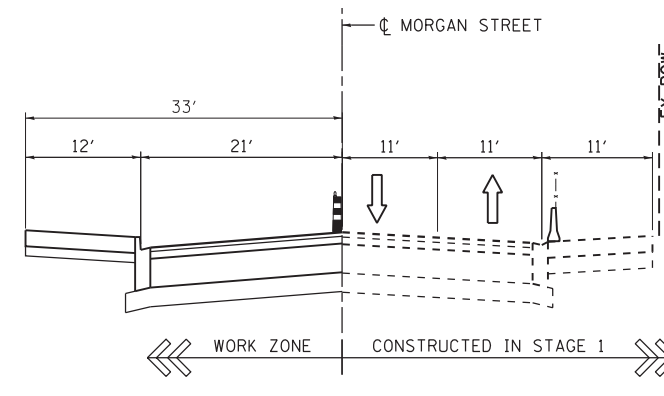
STAGE 1
 STA 3601+95.00 TO STA 3602+98.14



STAGE 1
 STA 3605+99.31 TO STA 3606+60.00



STAGE 3
 STA 3606+29.07 TO STA 3602+60.00



STAGE 2
 STA 3601+95.00 TO STA 3602+98.14
 STA 3605+99.32 TO STA 3606+29.07

**MORGAN STREET
 MAINTENANCE OF TRAFFIC
 TYPICAL SECTION**

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 PLOT SCALE = 10.0000 ' / in.
 PLOT DATE = 6/11/2013

DESIGNED - OPS	REVISED -
DRAWN - OPS	REVISED -
CHECKED - DBM	REVISED -
DATE - 6/17/2013	REVISED -

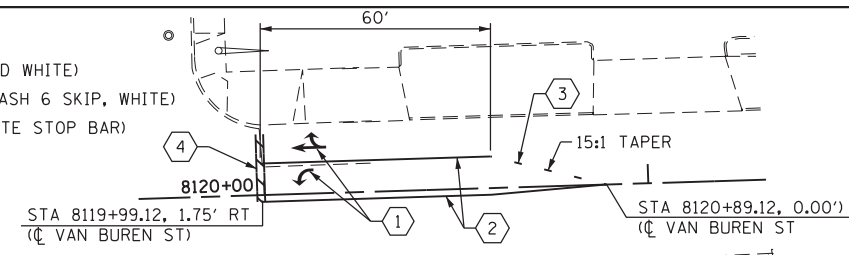
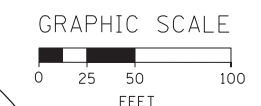
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL			
TYPICAL SECTIONS			
SCALE: N.T.S.	SHEET 3 OF 3 SHEETS	STA.	TO STA.

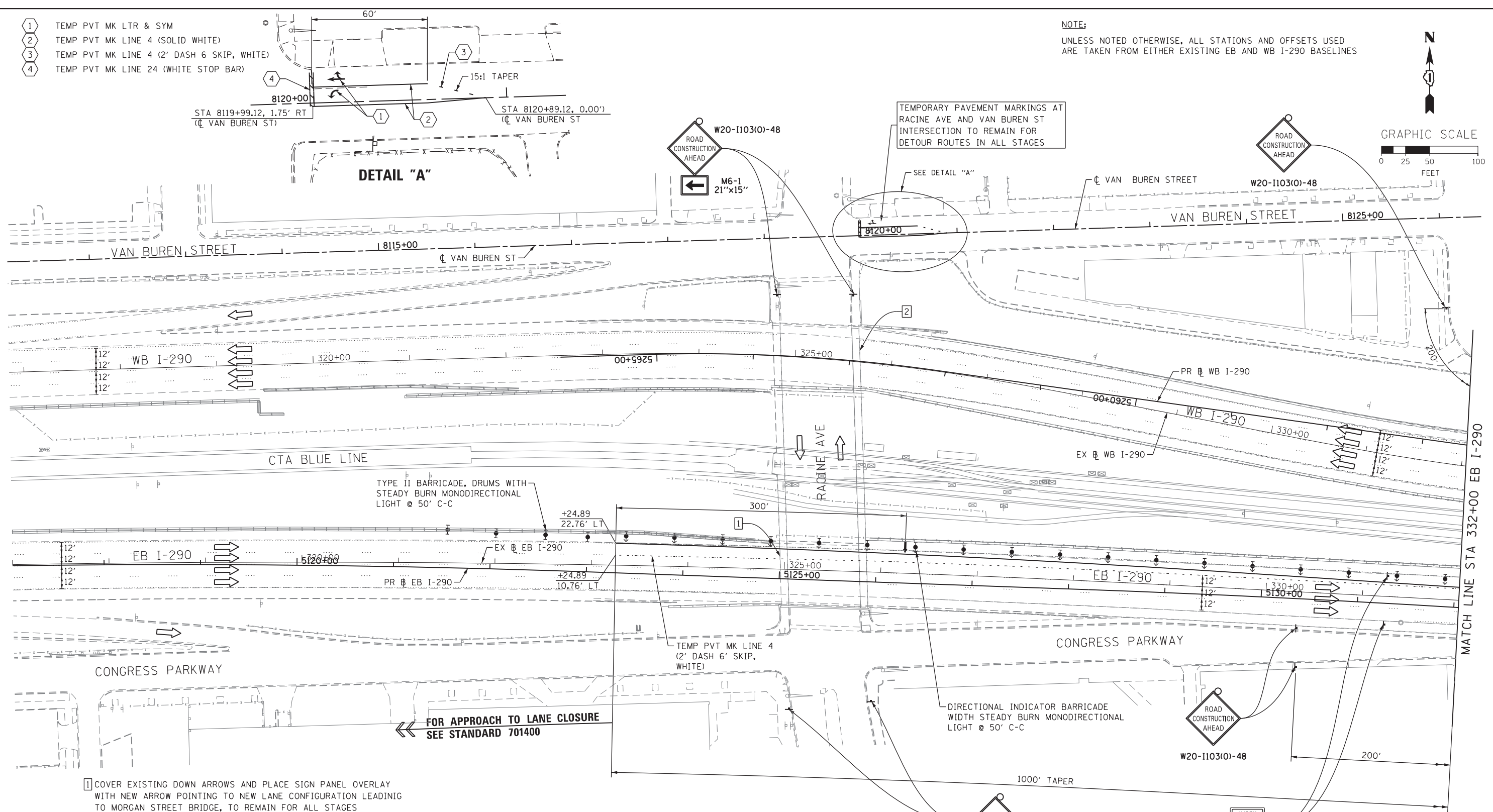
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	55
CONTRACT NO. 60W25			ILLINOIS FED. AID PROJECT	

- 1 TEMP PVT MK LTR & SYM
- 2 TEMP PVT MK LINE 4 (SOLID WHITE)
- 3 TEMP PVT MK LINE 4 (2' DASH 6 SKIP, WHITE)
- 4 TEMP PVT MK LINE 24 (WHITE STOP BAR)

NOTE:
UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS USED
ARE TAKEN FROM EITHER EXISTING EB AND WB I-290 BASELINES



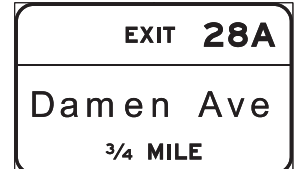
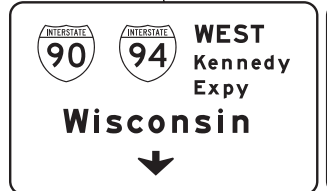
TEMPORARY PAVEMENT MARKINGS AT
RACINE AVE AND VAN BUREN ST
INTERSECTION TO REMAIN FOR
DETOUR ROUTES IN ALL STAGES



1 COVER EXISTING DOWN ARROWS AND PLACE SIGN PANEL OVERLAY WITH NEW ARROW POINTING TO NEW LANE CONFIGURATION LEADING TO MORGAN STREET BRIDGE, TO REMAIN FOR ALL STAGES

FOR APPROACH TO LANE CLOSURE
SEE STANDARD 701400

2 INSTALL PROPOSED OVERHEAD BRIDGE MOUNTED SIGN ON RACINE AVE BRIDGE STRUCTURE



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

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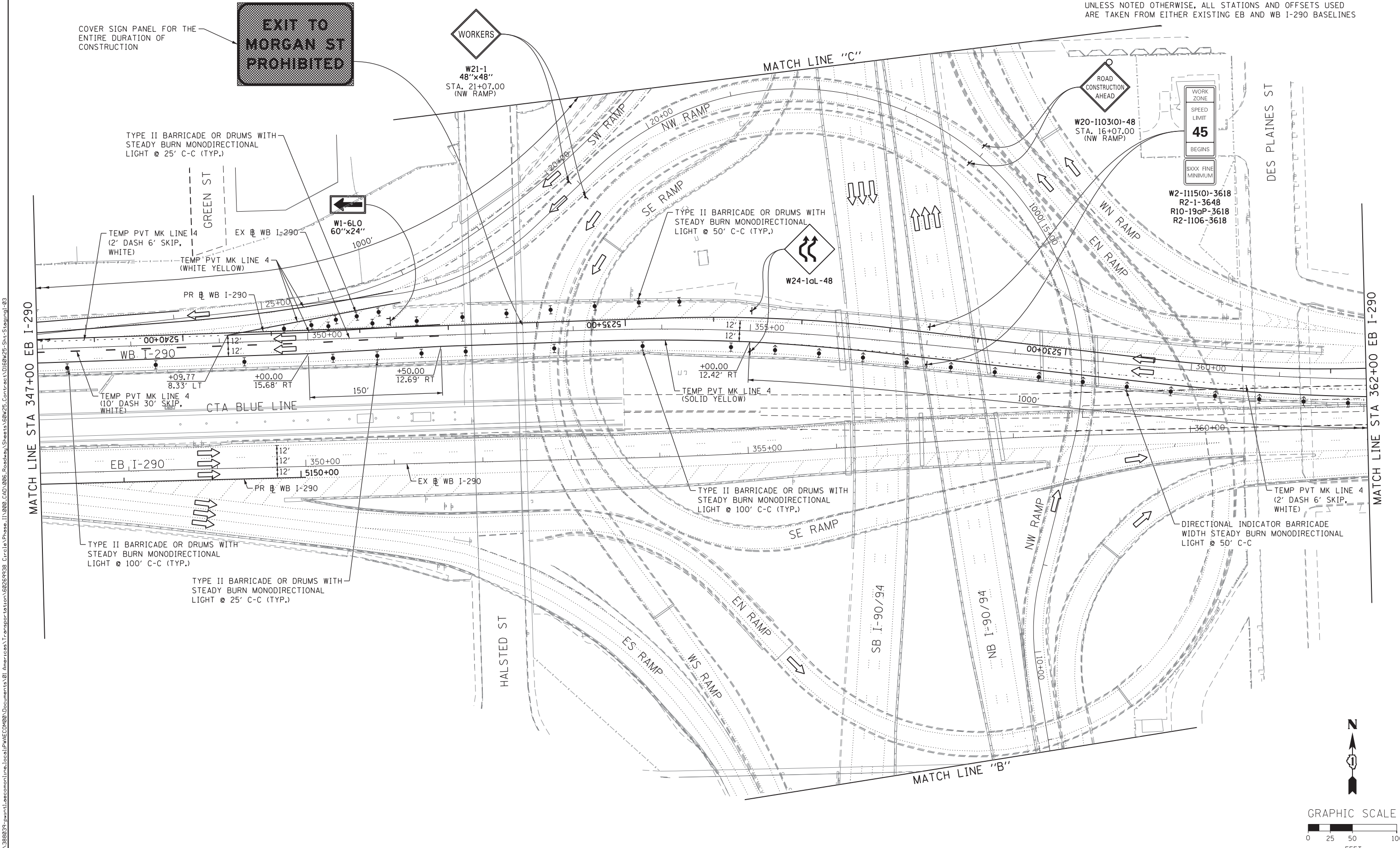
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DRAWN - PHP	REVISED -
CHECKED - DBM	REVISED -
DATE - 6/17/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL	
STAGE 1	
SCALE: 1" = 50'	SHEET 1 OF 7 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	56
CONTRACT NO. 60W25				
ILLINOIS FED. AID PROJECT				

NOTE:
UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS USED
ARE TAKEN FROM EITHER EXISTING EB AND WB I-290 BASELINES



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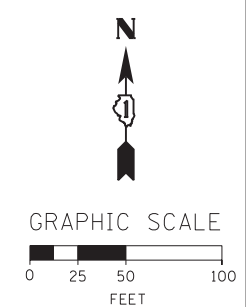
<p>303 EAST WACKER DRIVE, SUITE 1400 CHICAGO, IL 60601-5276 PHONE: (312) 373-7700 FAX: (312) 373-6800</p>	DI60W25-Sht-Staging1-03	DESIGNED - OPS	REVISED -
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DRAWN - PHP	REVISED -
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DATE - 6/17/2013	REVISED -

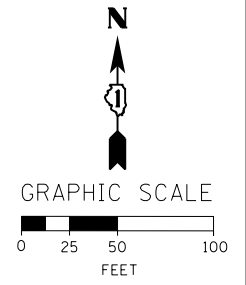
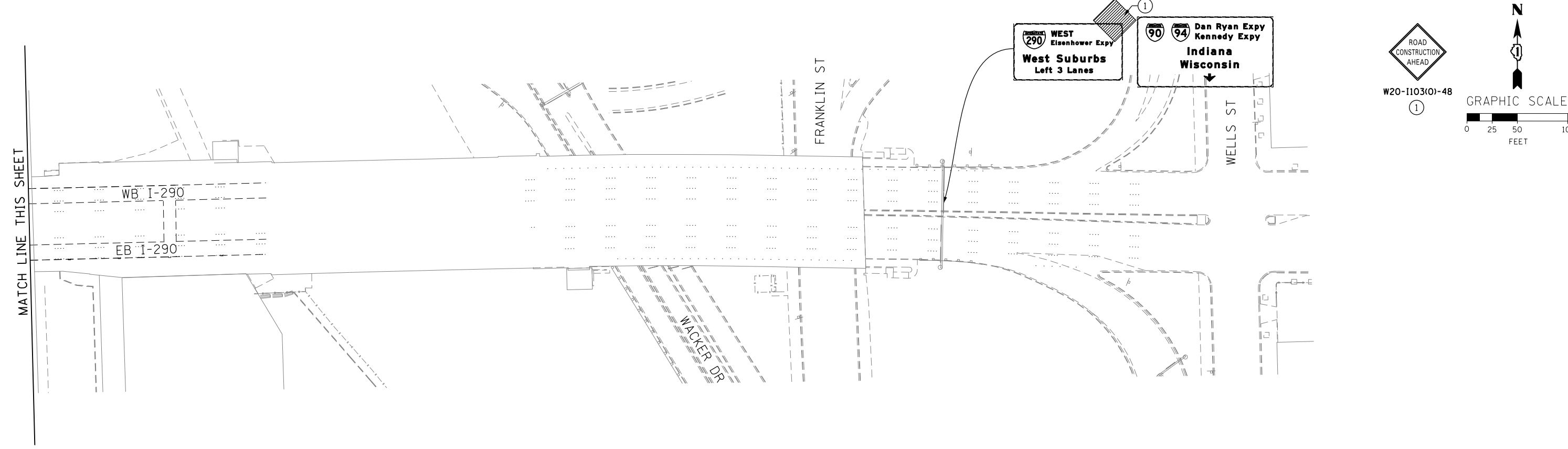
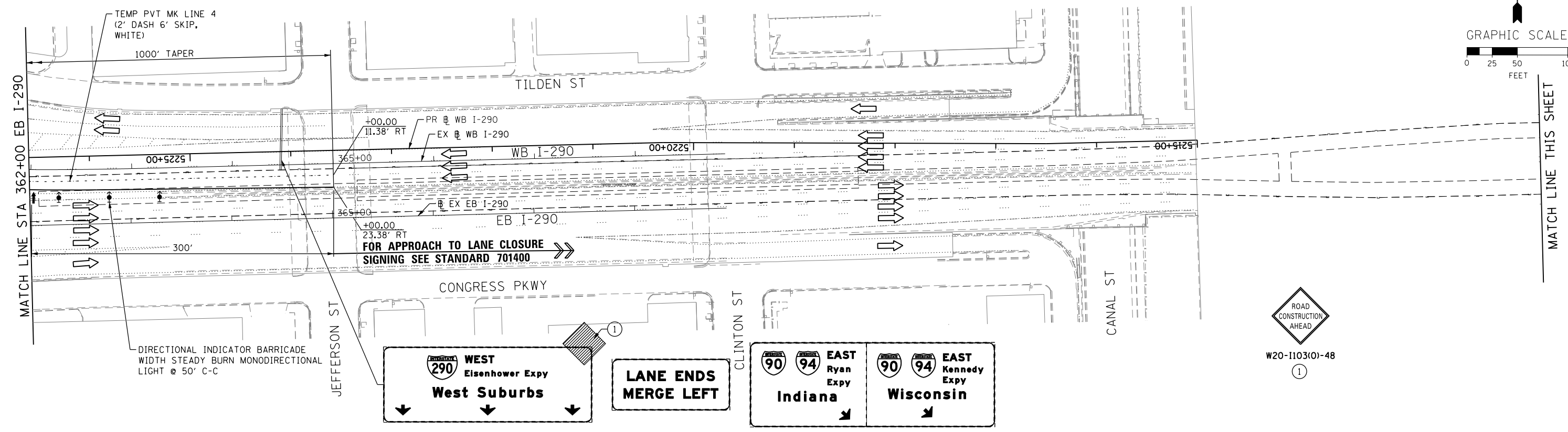
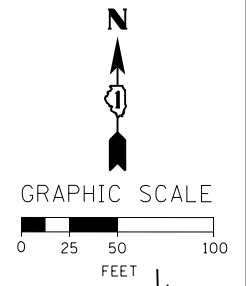
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL	
STAGE 1	
SCALE: 1" = 50'	SHEET 3 OF 7 SHEETS
STA.	TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-007R	COUNTY COOK	TOTAL SHEETS 317	SHEET NO. 58
CONTRACT NO. 60W25				
ILLINOIS FED. AID PROJECT				



NOTE:
UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS USED
ARE TAKEN FROM EITHER EXISTING EB AND WB I-290 BASELINES



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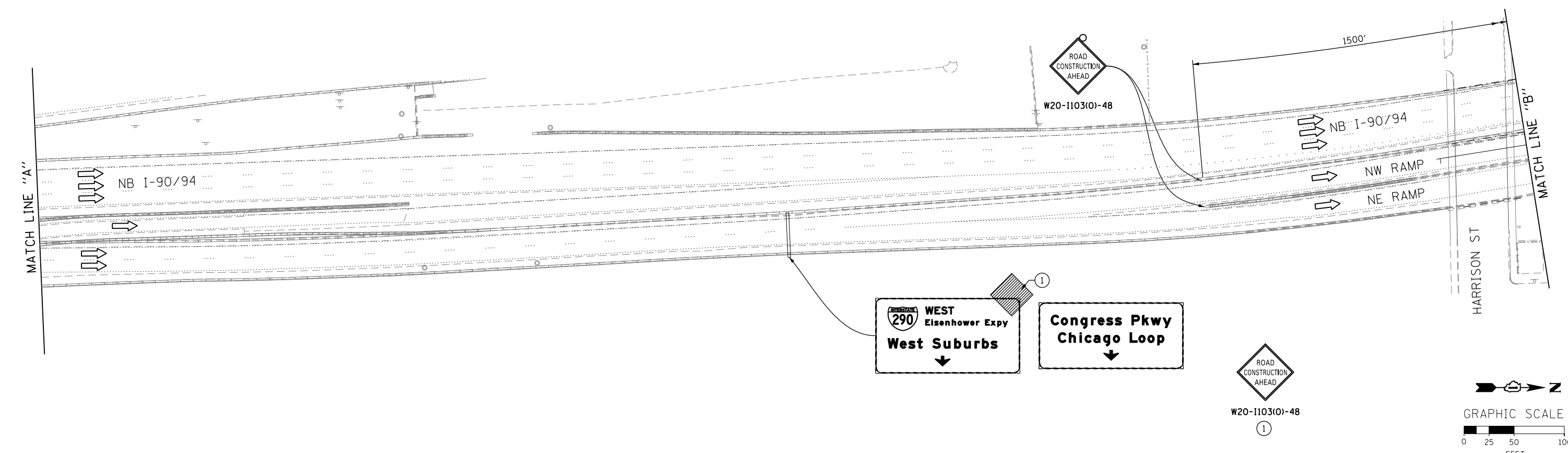
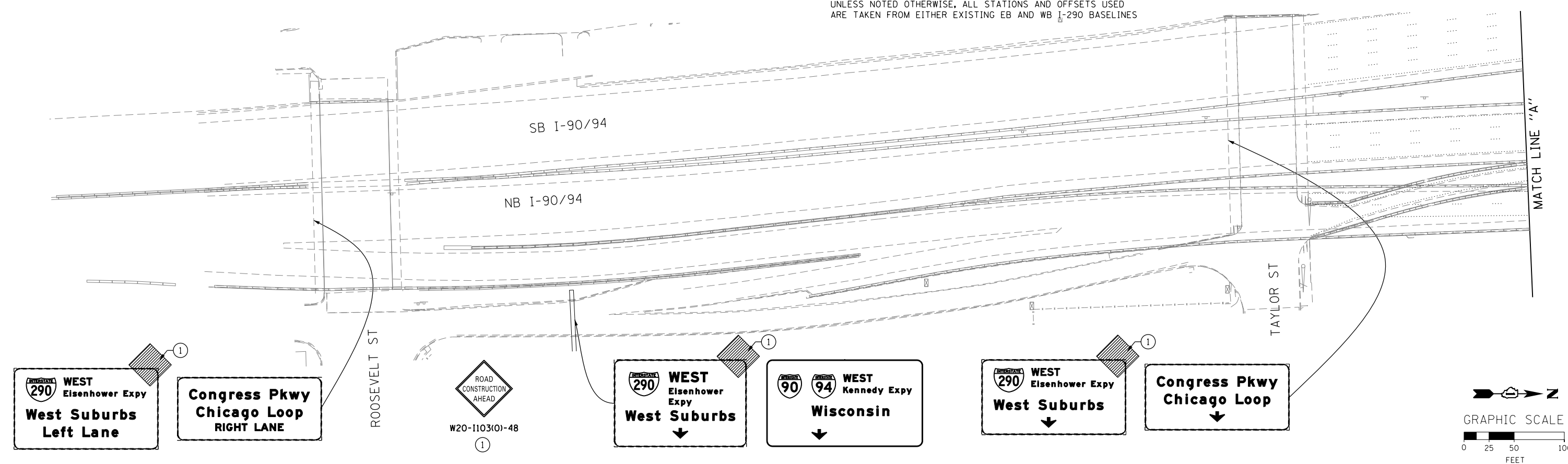
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CHECKED - DBM	REVISED -
DATE - 5/14/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STAGE 1
SCALE: 1" = 50' SHEET 4 OF 7 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-007R	COUNTY COOK	TOTAL SHEETS 317	SHEET NO. 59
CONTRACT NO. 60W25				
ILLINOIS FED. AID PROJECT				

NOTE:
UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS USED
ARE TAKEN FROM EITHER EXISTING EB AND WB I-290 BASELINES



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D160W25-Sht-Staging1-05
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PLOT DATE = 5/15/2013

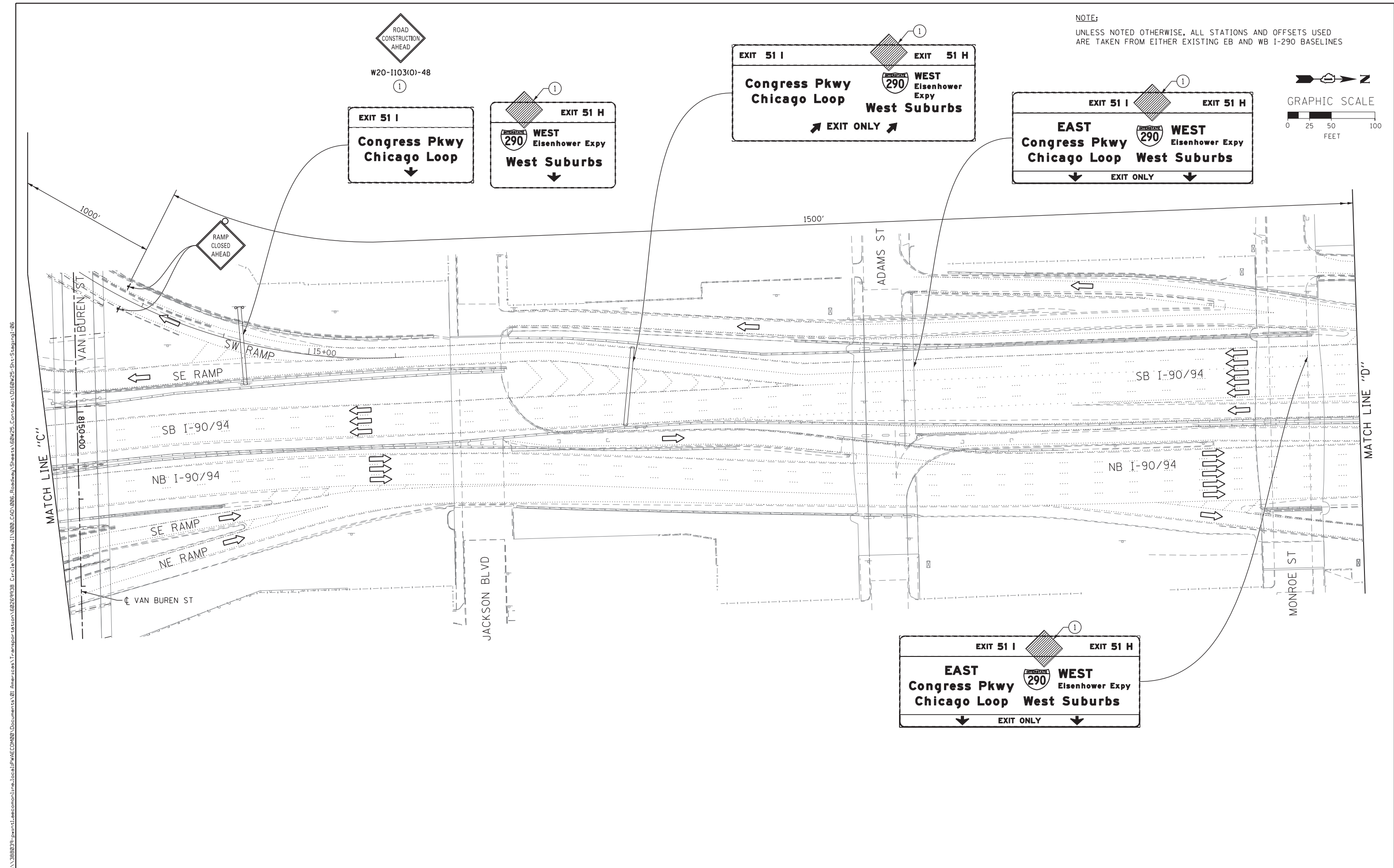
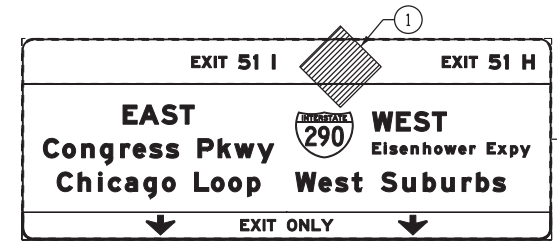
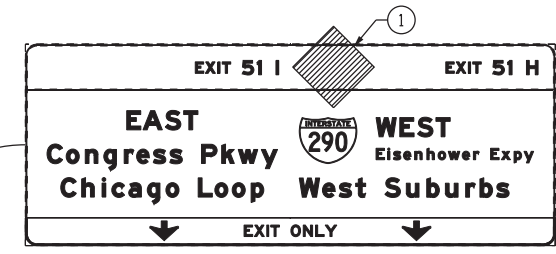
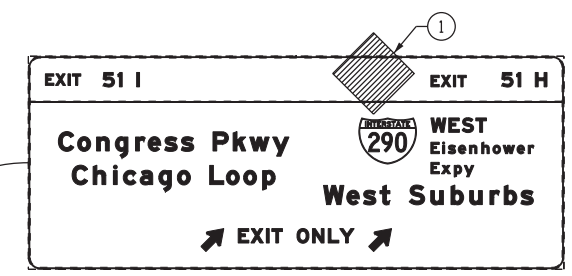
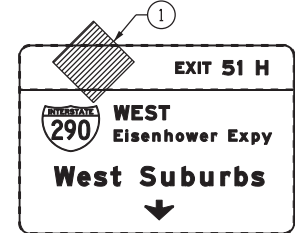
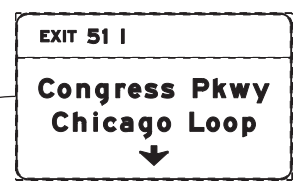
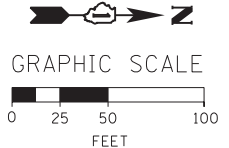
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CHECKED - DBM	REVISED -
DATE - 5/14/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL	
STAGE 1	
SCALE: 1" = 50'	SHEET 5 OF 7 SHEETS
STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	60
CONTRACT NO. 60W25				
ILLINOIS FED. AID PROJECT				

NOTE:
UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS USED
ARE TAKEN FROM EITHER EXISTING EB AND WB I-290 BASELINES



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PLOT SCALE = 50.0000' / in.
PLOT DATE = 6/14/2013

DESIGNED - OPS	REVISED -
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DATE - 6/17/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

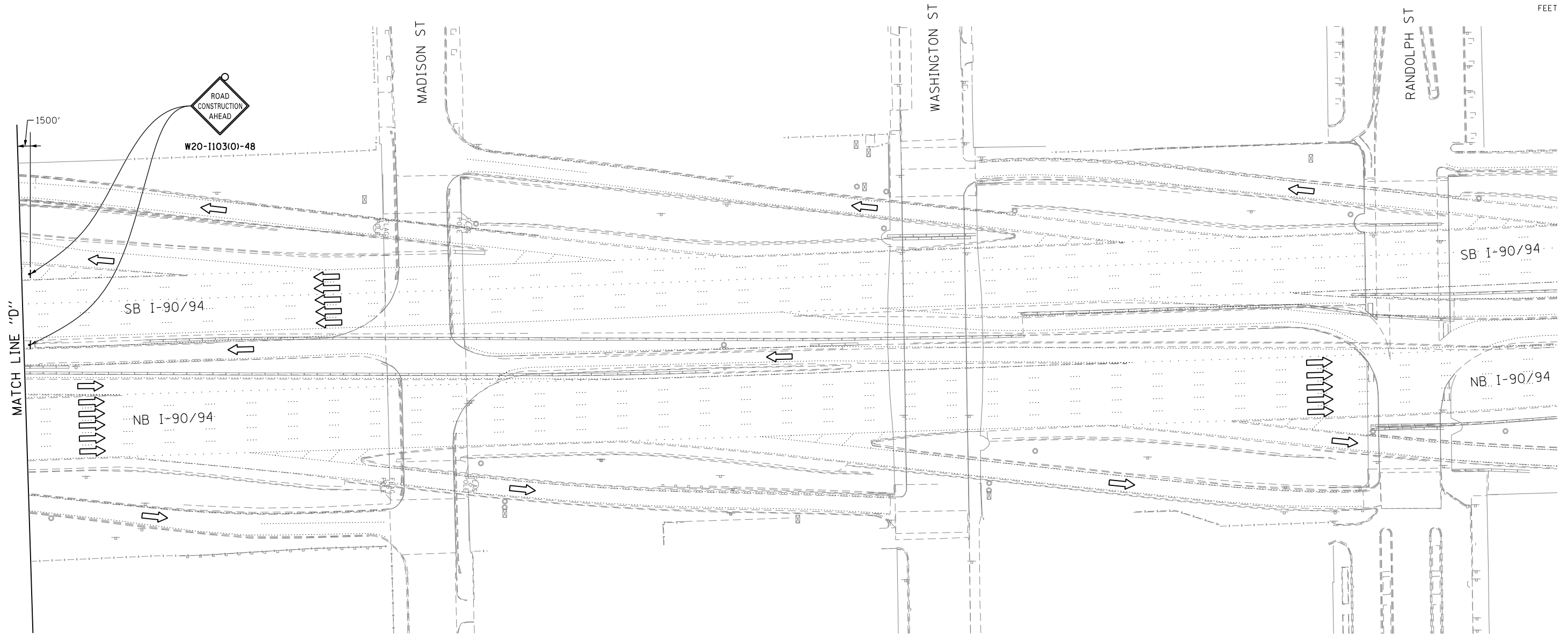
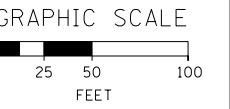
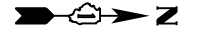
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL

STAGE 1

SCALE: 1" = 50'	SHEET 6 OF 7 SHEETS	STA.	TO STA.
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	61
CONTRACT NO. 60W25				
ILLINOIS FED. AID PROJECT				

NOTE:
UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS USED
ARE TAKEN FROM EITHER EXISTING EB AND WB I-290 BASELINES



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PLOT SCALE = 50.0000' / in.
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DATE - 5/14/2013	REVISED -

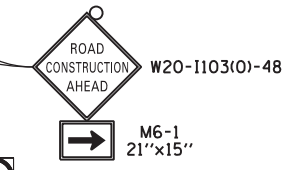
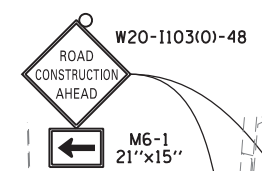
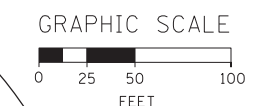
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STAGE 1**

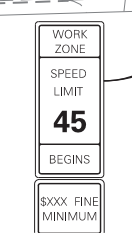
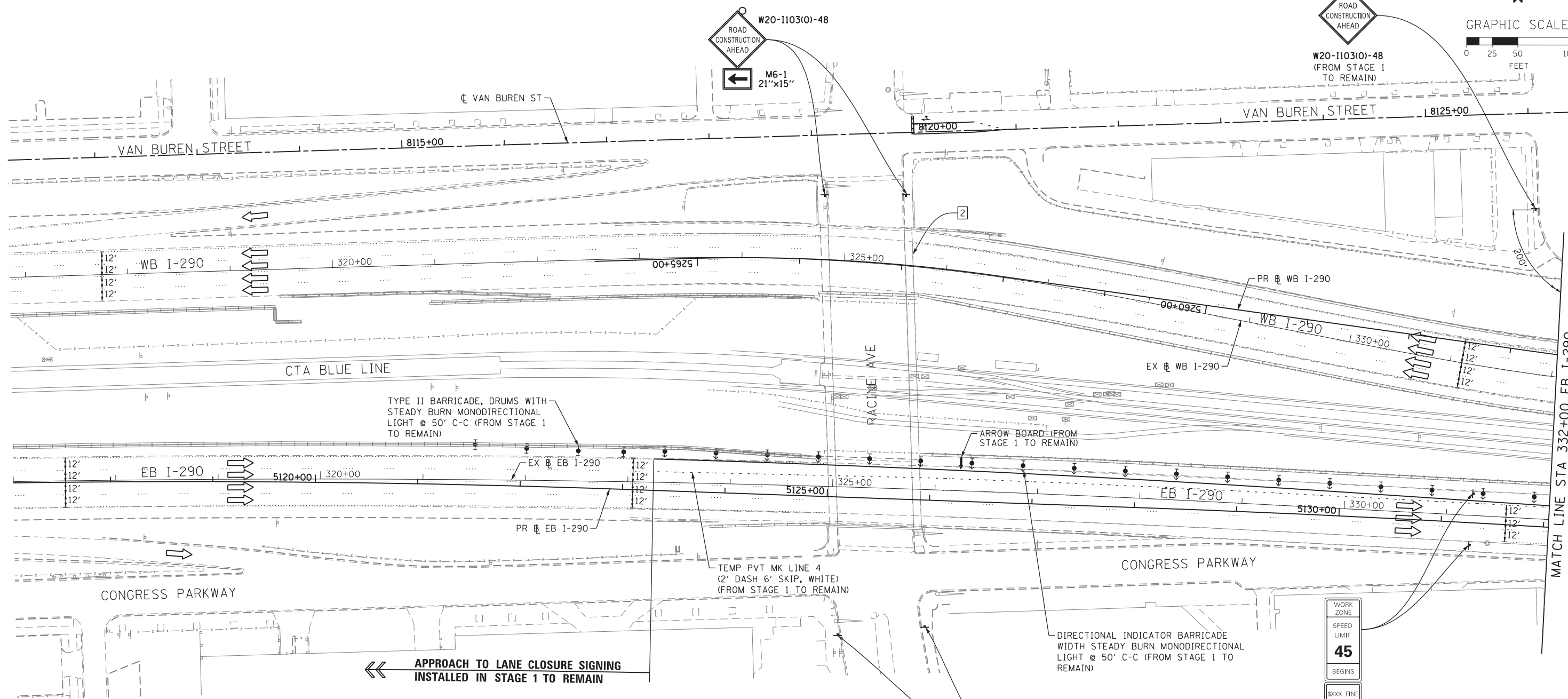
SCALE: 1" = 50' SHEET 7 OF 7 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-007R	COUNTY COOK	TOTAL SHEETS 317	SHEET NO. 62
CONTRACT NO. 60W25			ILLINOIS FED. AID PROJECT	

NOTE:
UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS USED
ARE TAKEN FROM EITHER EXISTING EB AND WB I-290 BASELINES



2 INSTALLED PREVIOUSLY IN STAGE 1 TO REMAIN



W2-1115(O)-3618
R2-1-3648
R10-190P-3618
R2-1106-3618
(FROM STAGE 1 TO REMAIN)

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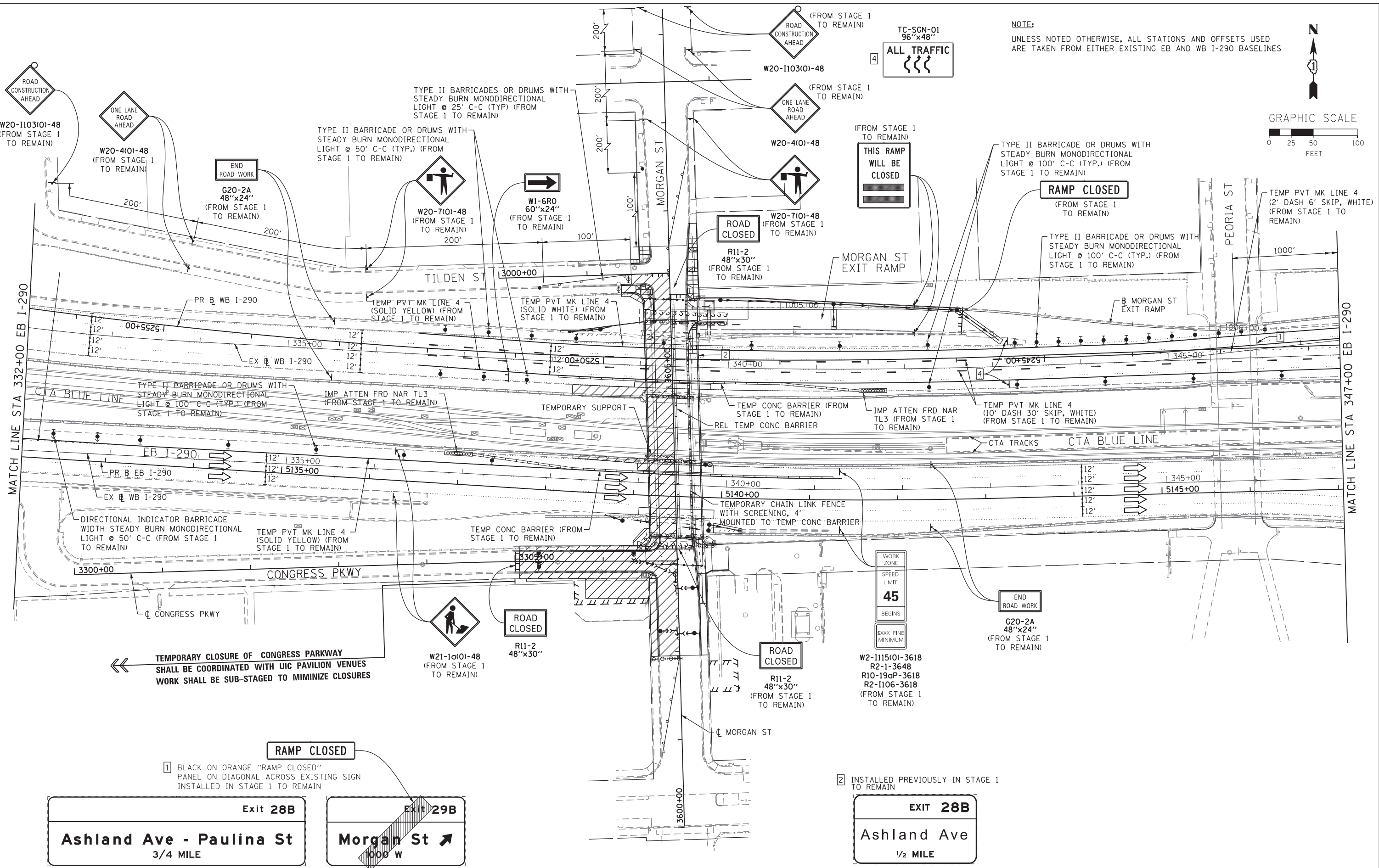
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CHECKED - DBM	REVISED -
DATE - 6/17/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL	
STAGE 2	
SCALE: 1" = 50'	SHEET 1 OF 7 SHEETS
STA.	TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-007R	COUNTY COOK	TOTAL SHEETS 317	SHEET NO. 63
CONTRACT NO. 60W25				
ILLINOIS FED. AID PROJECT				

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NOTE:
UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS USED ARE TAKEN FROM EITHER EXISTING EB AND WB I-290 BASELINES

GRAPHIC SCALE
0 25 50 100
FEET

TEMPORARY CLOSURE OF CONGRESS PARKWAY SHALL BE COORDINATED WITH UIC PAVILION VENUES WORK SHALL BE SUB-STAGED TO MINIMIZE CLOSURES

1 BLACK ON ORANGE "RAMP CLOSED" PANEL ON DIAGONAL ACROSS EXISTING SIGN INSTALLED IN STAGE 1 TO REMAIN

2 INSTALLED PREVIOUSLY IN STAGE 1 TO REMAIN

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

Exit 29B
Morgan St
1000 W

EXIT 28B
Ashland Ave
1/2 MILE



D160W25-sht-Staging2-02
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PLOT SCALE = 50.0000' / in.
PLOT DATE = 6/11/2013

DESIGNED - OPS
DRAWN - PHP
CHECKED - DBM
DATE - 6/17/2013

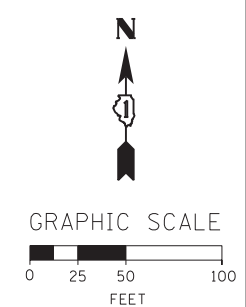
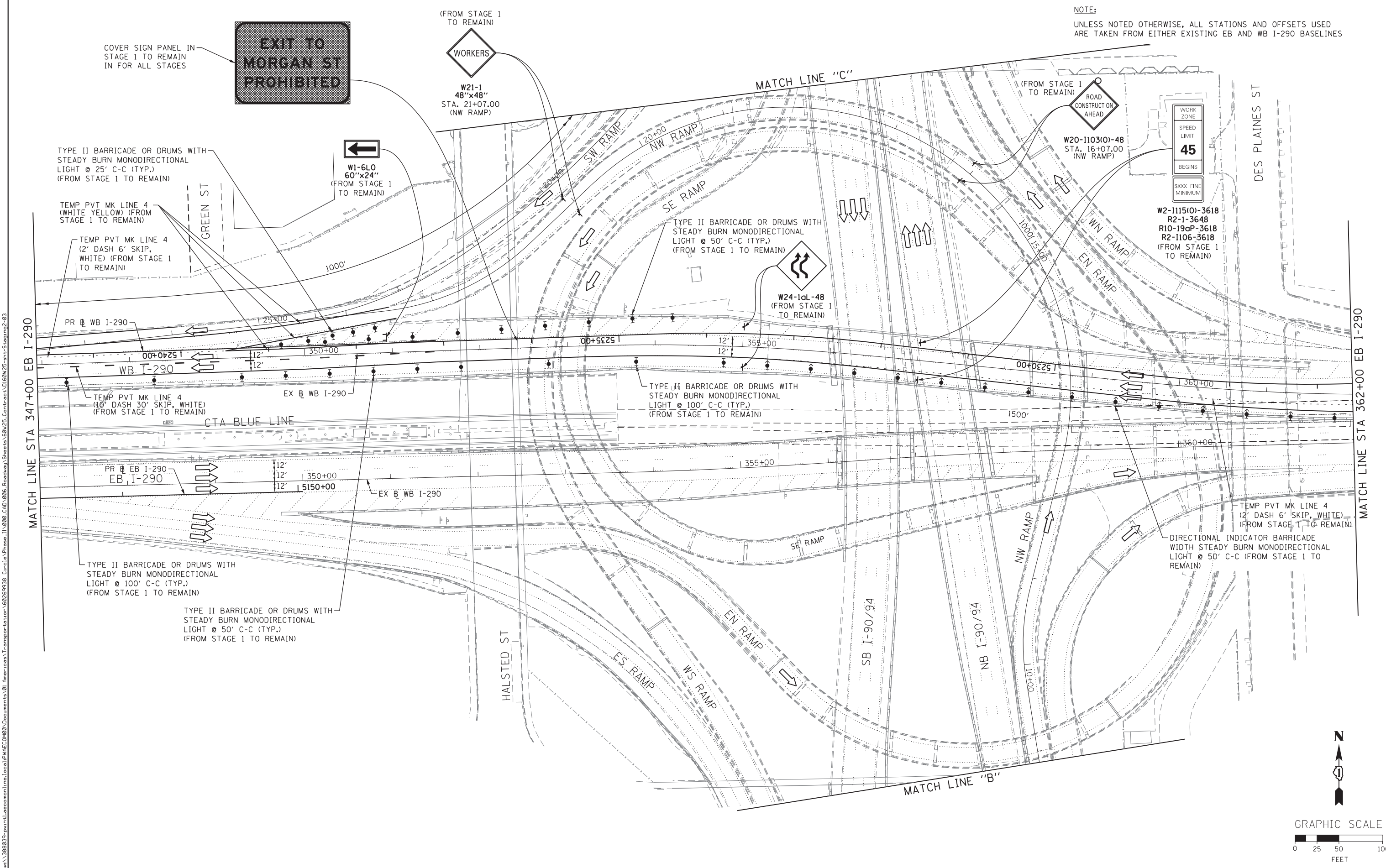
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REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STAGE 2
SCALE: 1" = 50' SHEET 2 OF 7 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	64
CONTRACT NO. 60W25				
ILLINOIS FED. AID PROJECT				

NOTE:
UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS USED
ARE TAKEN FROM EITHER EXISTING EB AND WB I-290 BASELINES



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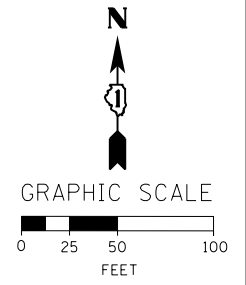
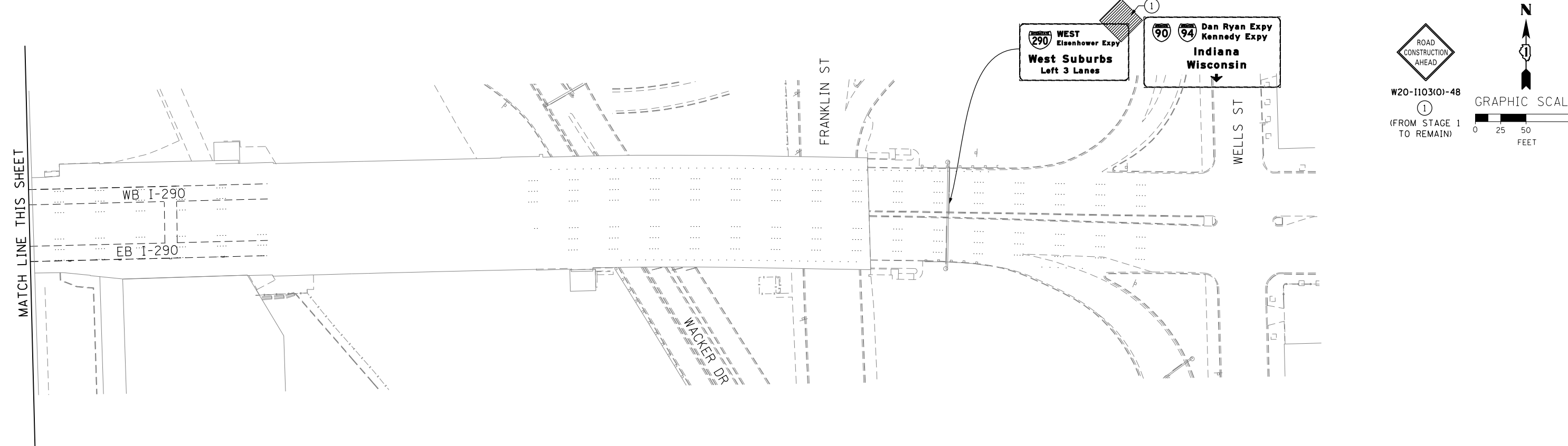
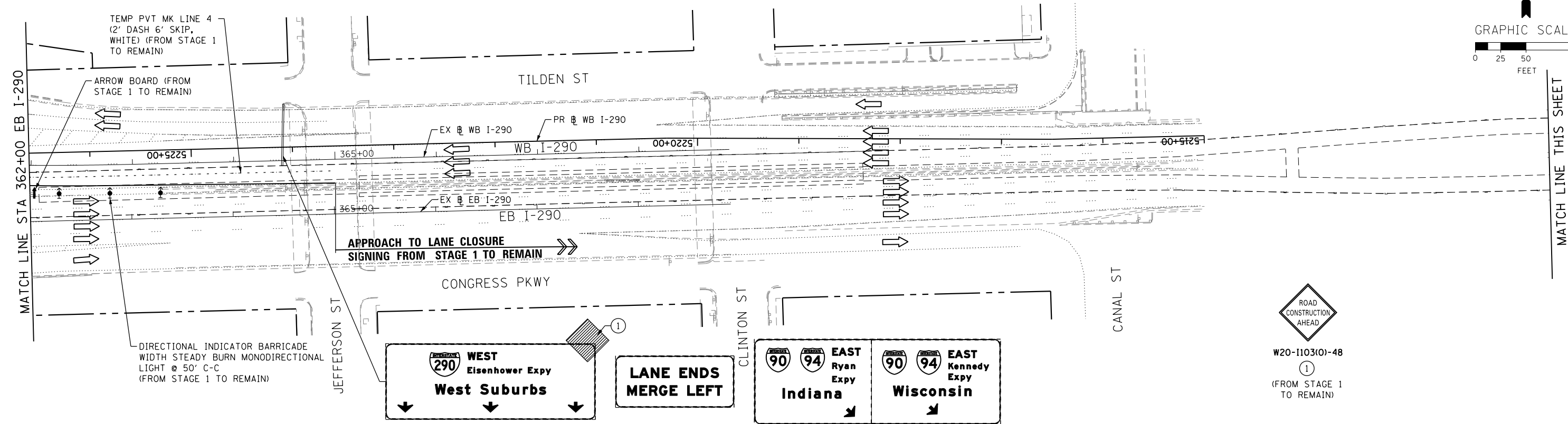
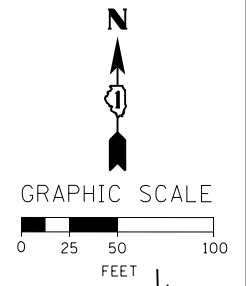
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL	
STAGE 2	
SCALE: 1" = 50'	SHEET 3 OF 7 SHEETS
STA.	TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-007R	COUNTY COOK	TOTAL SHEETS 317	SHEET NO. 65
CONTRACT NO. 60W25				
ILLINOIS FED. AID PROJECT				

NOTE:
UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS USED
ARE TAKEN FROM EITHER EXISTING EB AND WB I-290 BASELINES



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PLOT DATE = 5/15/2013

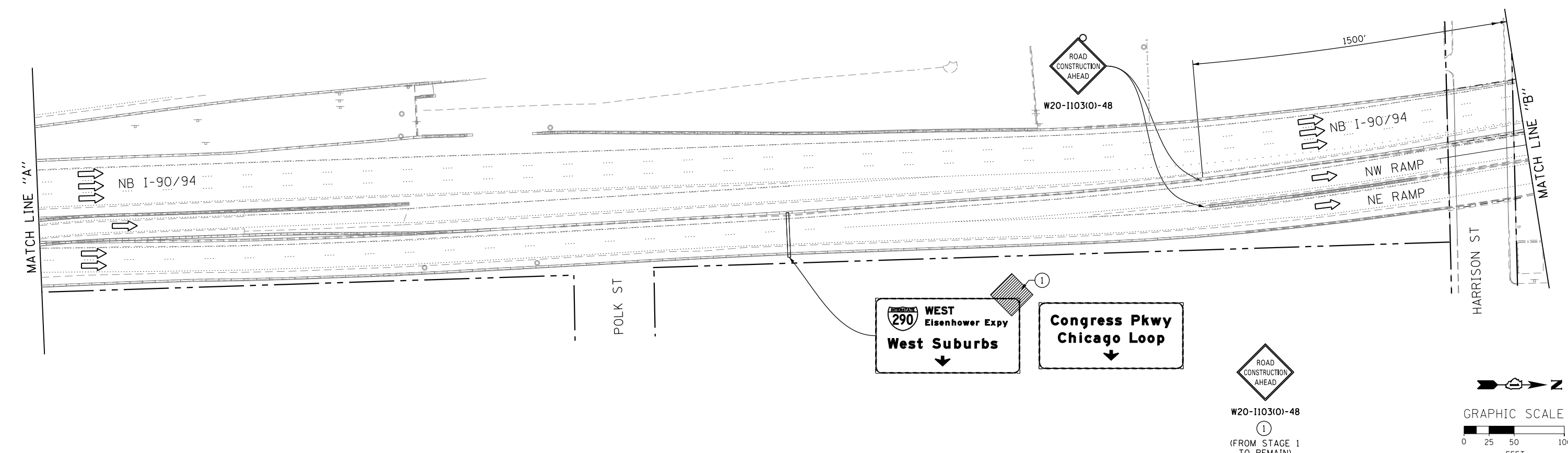
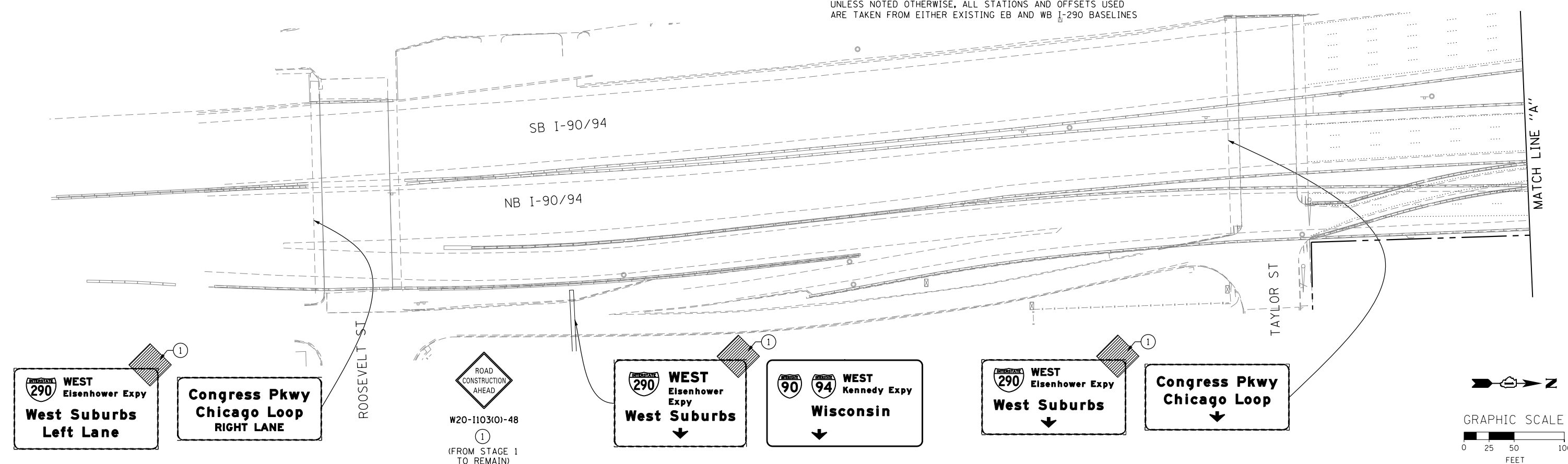
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CHECKED - DBM	REVISED -
DATE - 5/14/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STAGE 2
SCALE: 1" = 50' SHEET 4 OF 7 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	66
CONTRACT NO. 60W25				
ILLINOIS FED. AID PROJECT				

NOTE:
UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS USED
ARE TAKEN FROM EITHER EXISTING EB AND WB I-290 BASELINES



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PLOT DATE = 5/15/2013

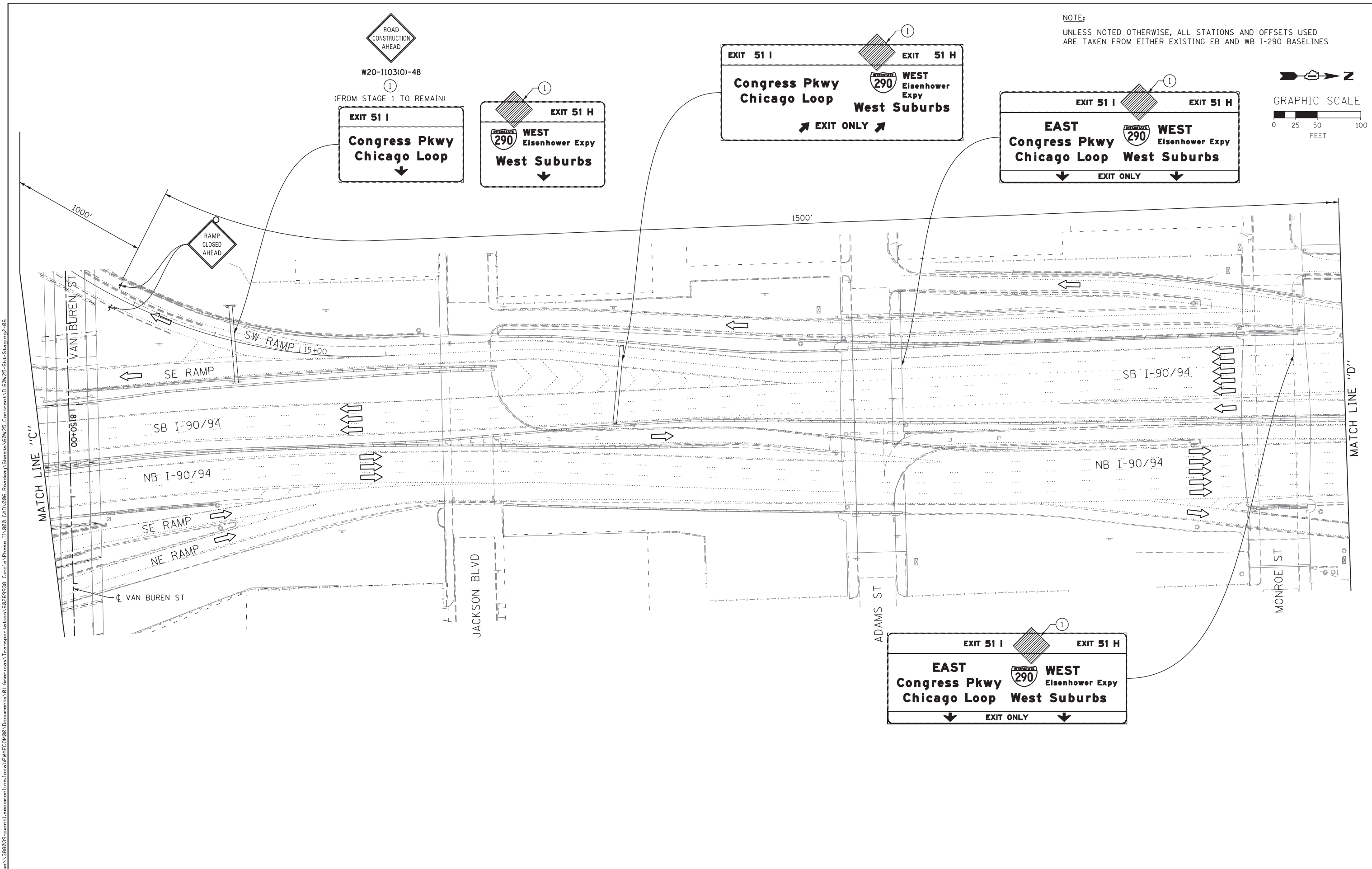
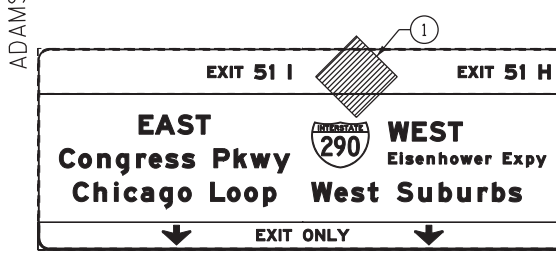
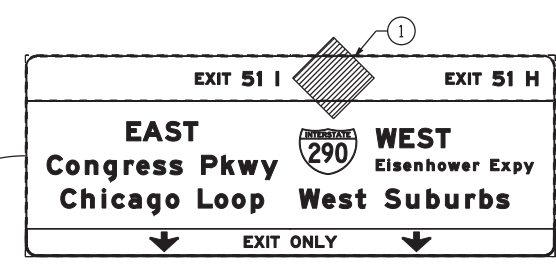
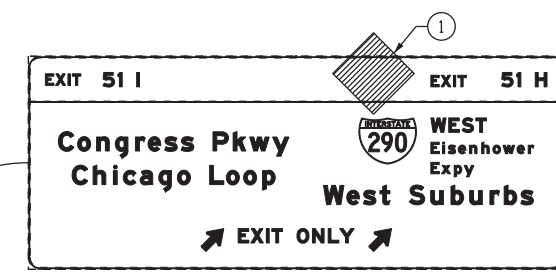
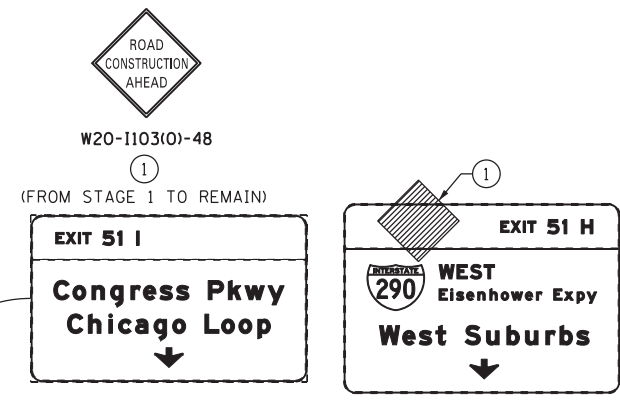
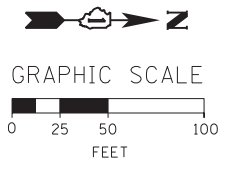
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DATE - 5/14/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STAGE 2
SCALE: 1" = 50' SHEET 5 OF 7 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-007R	COUNTY COOK	TOTAL SHEETS 317	SHEET NO. 67
CONTRACT NO. 60W25				
ILLINOIS FED. AID PROJECT				

NOTE:
UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS USED
ARE TAKEN FROM EITHER EXISTING EB AND WB I-290 BASELINES



FILE PATH = ...



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DATE - 6/17/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

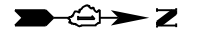
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL

STAGE 2

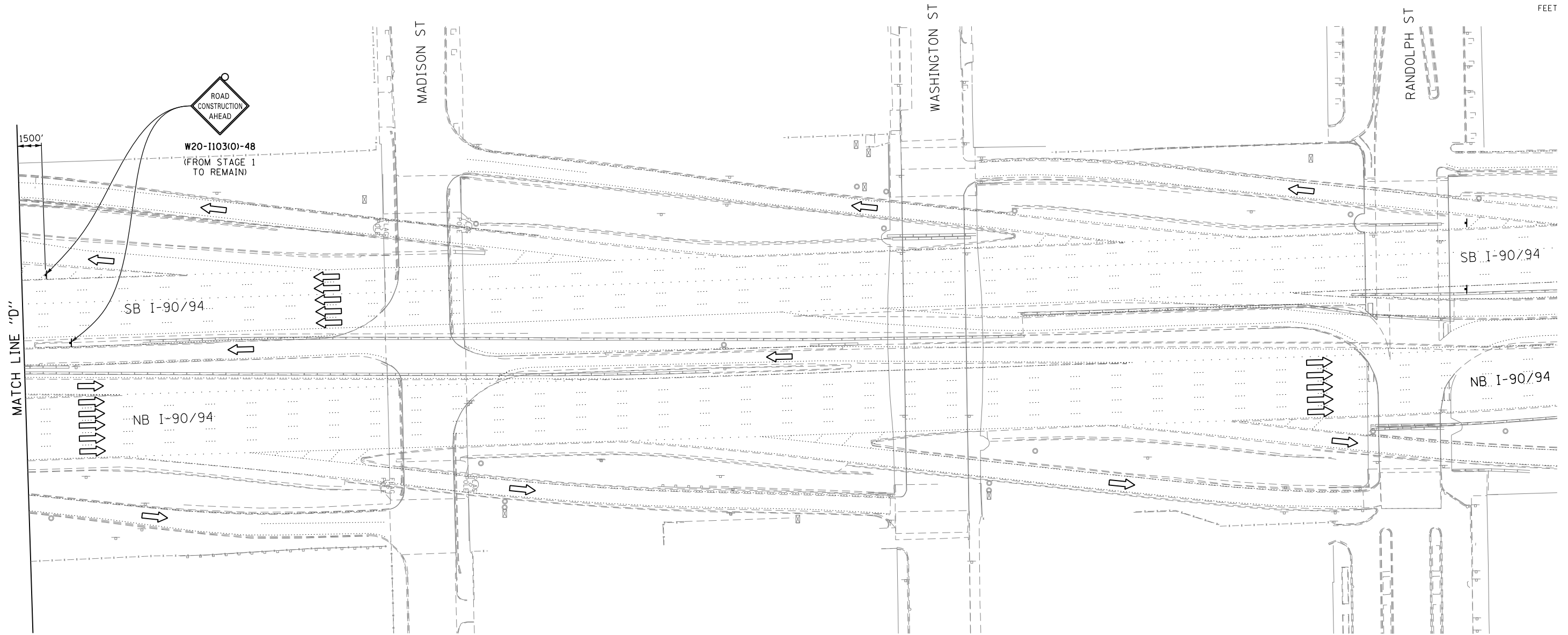
SCALE: 1" = 50'	SHEET 6 OF 7 SHEETS	STA.	TO STA.
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F.A.I. RTE. 90/94/290	SECTION 2013-007R	COUNTY COOK	TOTAL SHEETS 317	SHEET NO. 68
CONTRACT NO. 60W25				ILLINOIS FED. AID PROJECT

NOTE:
UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS USED
ARE TAKEN FROM EITHER EXISTING EB AND WB I-290 BASELINES



GRAPHIC SCALE



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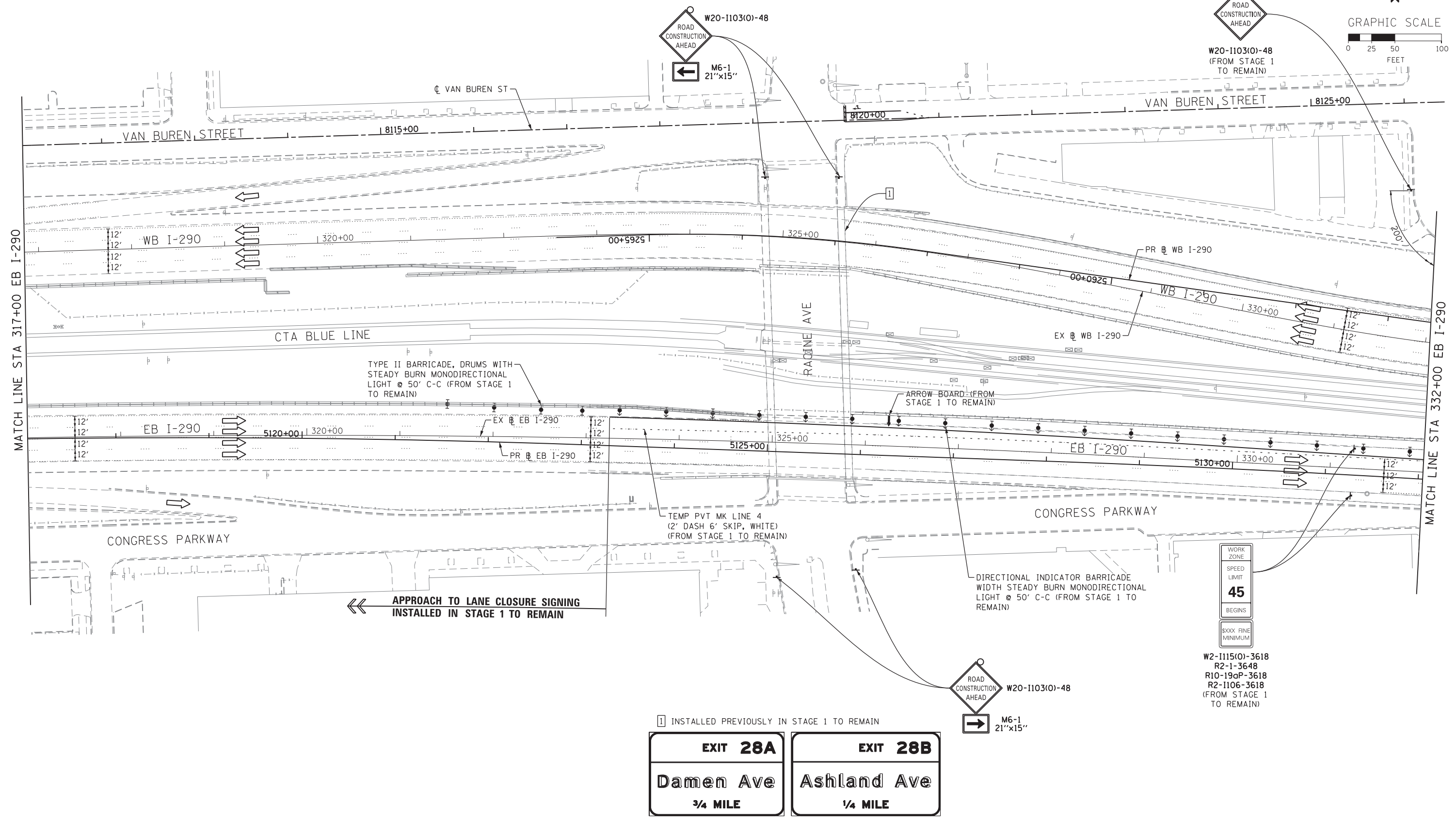
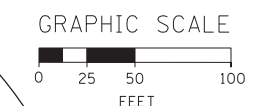
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STAGE 2

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	69
CONTRACT NO. 60W25			ILLINOIS FED. AID PROJECT	

NOTE:
UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS USED
ARE TAKEN FROM EITHER EXISTING EB AND WB I-290 BASELINES



1 INSTALLED PREVIOUSLY IN STAGE 1 TO REMAIN

EXIT 28A	EXIT 28B
Damen Ave	Ashland Ave
3/4 MILE	1/4 MILE

WORK ZONE
SPEED LIMIT
45
BEGINS
XXXX FINE MINIMUM

W2-1115(O)-3618
R2-1-3648
R10-190P-3618
R2-1106-3618
(FROM STAGE 1 TO REMAIN)

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PLOT SCALE = 50.0000' / in.
PLOT DATE = 6/11/2013

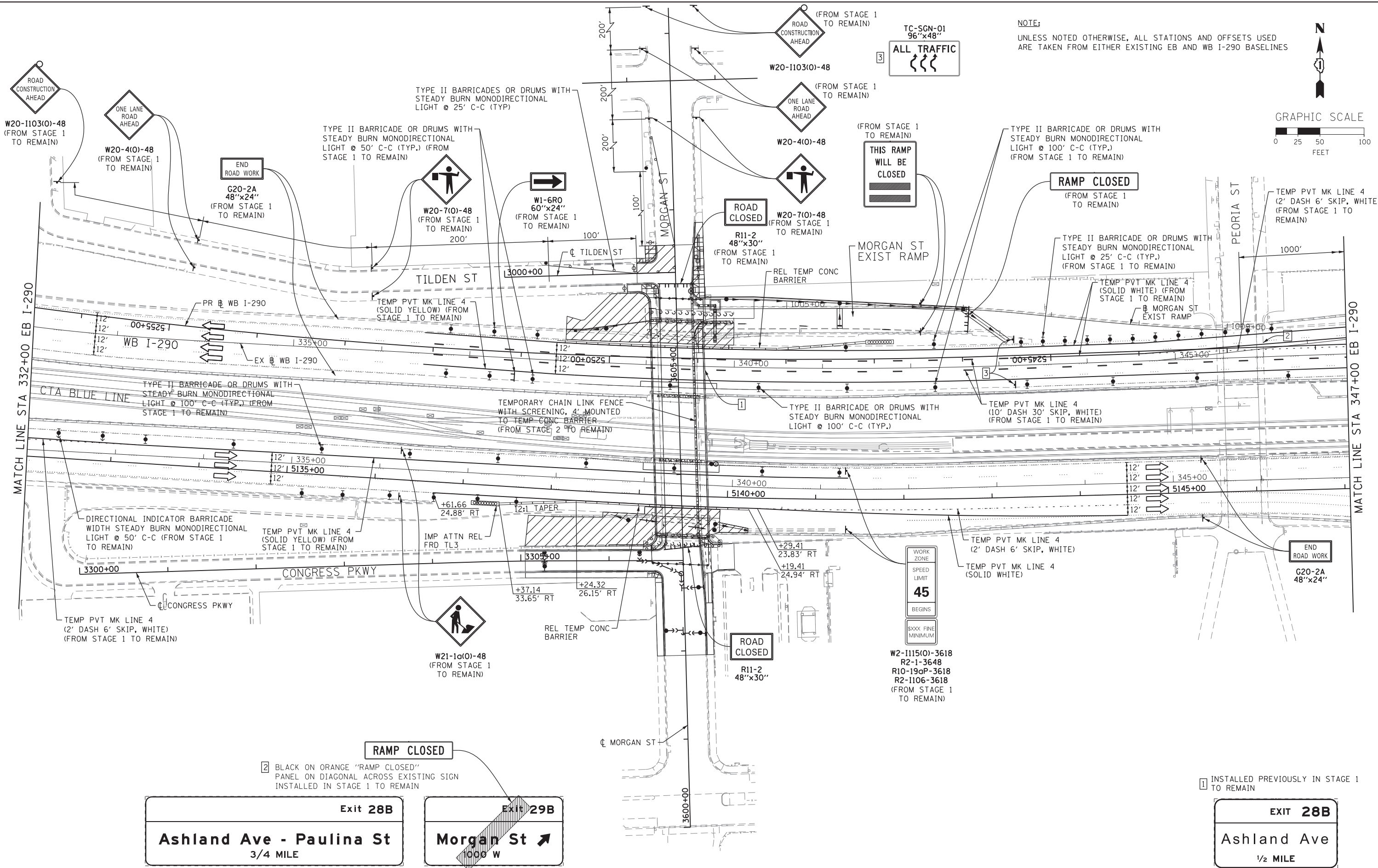
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DATE - 6/17/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STAGE 3
SCALE: 1" = 50' SHEET 1 OF 7 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-007R	COUNTY COOK	TOTAL SHEETS 317	SHEET NO. 70
CONTRACT NO. 60W25			ILLINOIS FED. AID PROJECT	

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DATE -	6/17/2013	REVISED -	

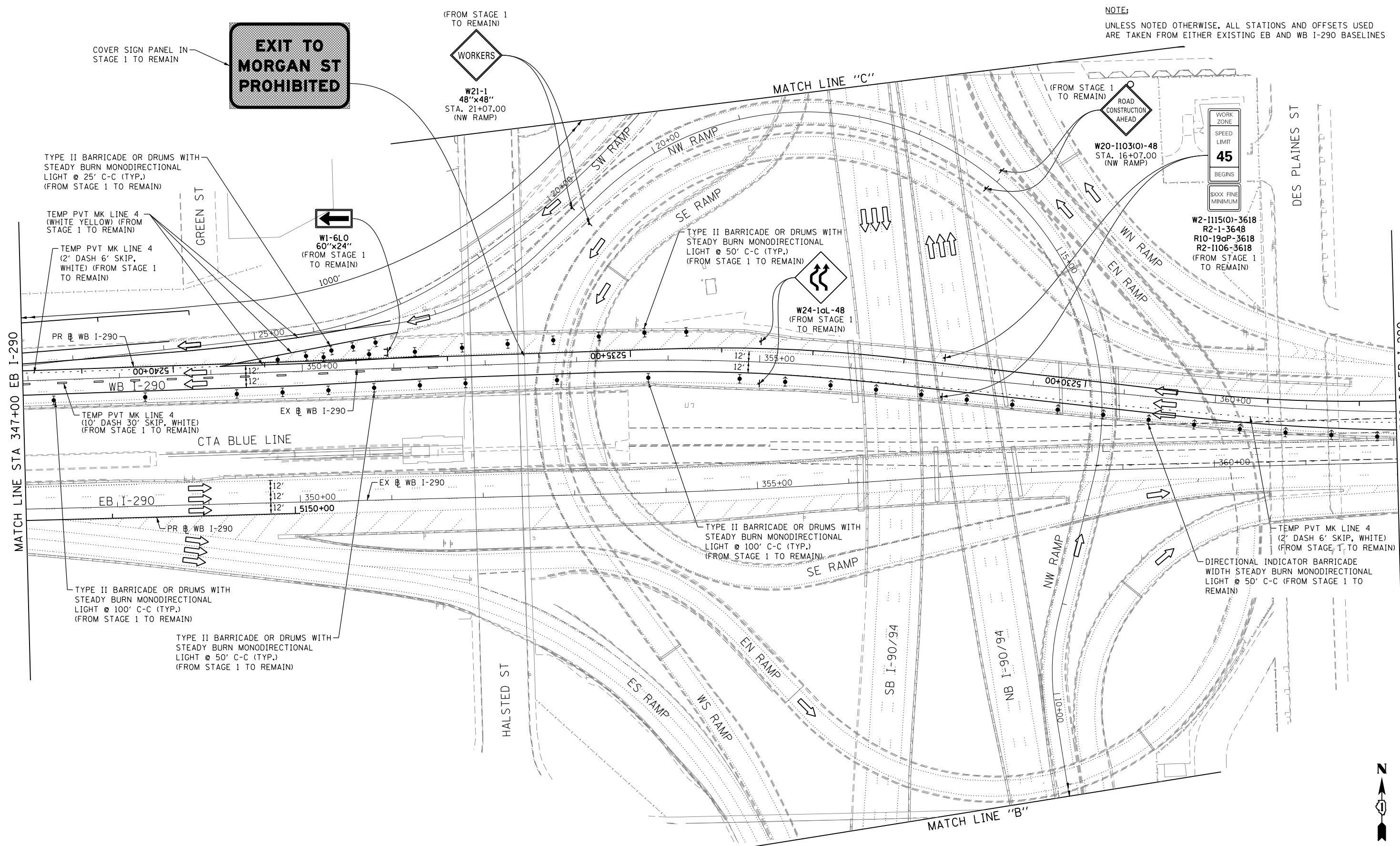
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STAGE 3

SCALE: 1" = 50' SHEET 2 OF 7 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	71
CONTRACT NO. 60W25				
ILLINOIS FED. AID PROJECT				

NOTE:
UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS USED
ARE TAKEN FROM EITHER EXISTING EB AND WB I-290 BASELINES



**EXIT TO
MORGAN ST
PROHIBITED**

(FROM STAGE 1
TO REMAIN)
WORKERS

W21-1
48"x48"
STA. 21+07.00
(NW RAMP)

(FROM STAGE 1
TO REMAIN)
**ROAD
CONSTRUCTION
AHEAD**

W20-110310-48
STA. 16+07.00
(NW RAMP)

WORK ZONE
SPEED
LIMIT
45
BEGINS
SOO FINE
MINIMUM

W2-1115(0)-3618
R2-1-3648
R10-190P-3618
R2-1106-3618
(FROM STAGE 1
TO REMAIN)

W24-10L-48
(FROM STAGE 1
TO REMAIN)

TYPE II BARRICADE OR DRUMS WITH
STEADY BURN MONODIRECTIONAL
LIGHT @ 50' C-C (TYP.)
(FROM STAGE 1 TO REMAIN)

W1-6L0
60"x24"
(FROM STAGE 1
TO REMAIN)

TYPE II BARRICADE OR DRUMS WITH
STEADY BURN MONODIRECTIONAL
LIGHT @ 25' C-C (TYP.)
(FROM STAGE 1 TO REMAIN)

TEMP PVT MK LINE 4
(WHITE YELLOW) (FROM
STAGE 1 TO REMAIN)

TEMP PVT MK LINE 4
(2' DASH 6' SKIP,
WHITE) (FROM STAGE 1
TO REMAIN)

TEMP PVT MK LINE 4
(10' DASH 30' SKIP, WHITE)
(FROM STAGE 1 TO REMAIN)

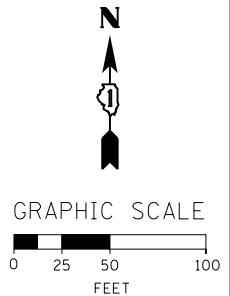
TYPE II BARRICADE OR DRUMS WITH
STEADY BURN MONODIRECTIONAL
LIGHT @ 100' C-C (TYP.)
(FROM STAGE 1 TO REMAIN)

TYPE II BARRICADE OR DRUMS WITH
STEADY BURN MONODIRECTIONAL
LIGHT @ 100' C-C (TYP.)
(FROM STAGE 1 TO REMAIN)

TYPE II BARRICADE OR DRUMS WITH
STEADY BURN MONODIRECTIONAL
LIGHT @ 50' C-C (TYP.)
(FROM STAGE 1 TO REMAIN)

TEMP PVT MK LINE 4
(2' DASH 6' SKIP, WHITE)
(FROM STAGE 1 TO REMAIN)

DIRECTIONAL INDICATOR BARRICADE
WIDTH STEADY BURN MONODIRECTIONAL
LIGHT @ 50' C-C (FROM STAGE 1 TO
REMAIN)



FILE PATH = ...

MATCH LINE STA 347+00 EB I-290

MATCH LINE STA 362+00 EB I-290



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PLOT DATE = 5/15/2013

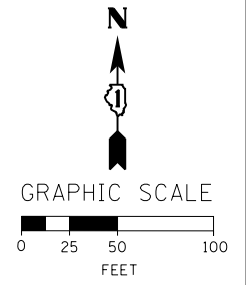
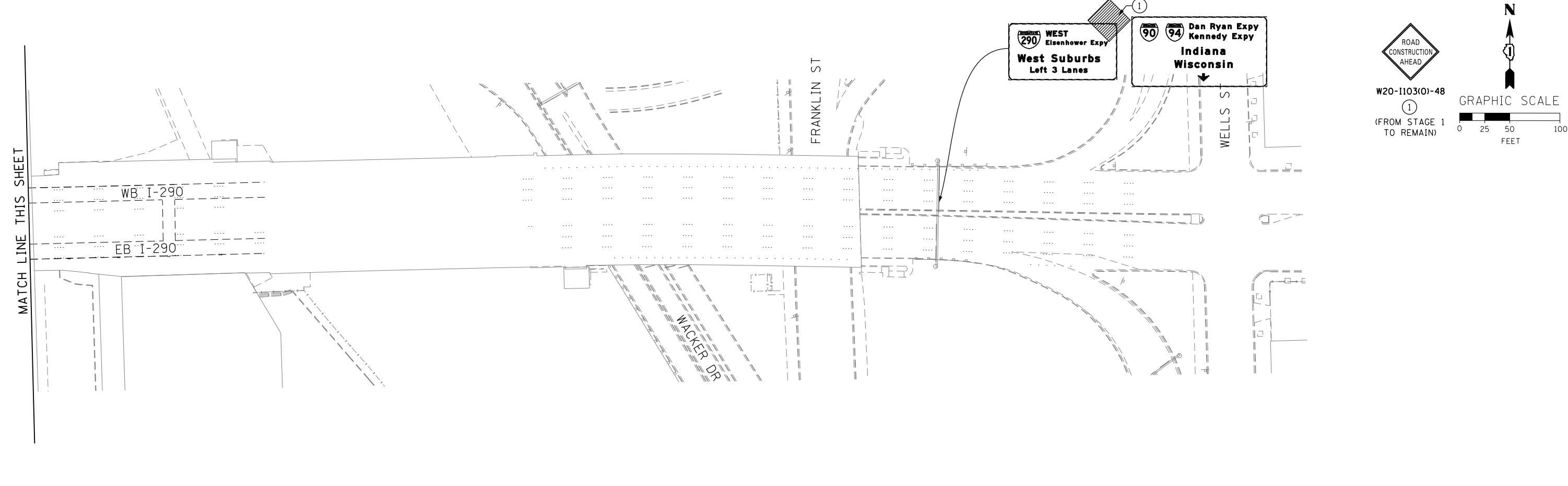
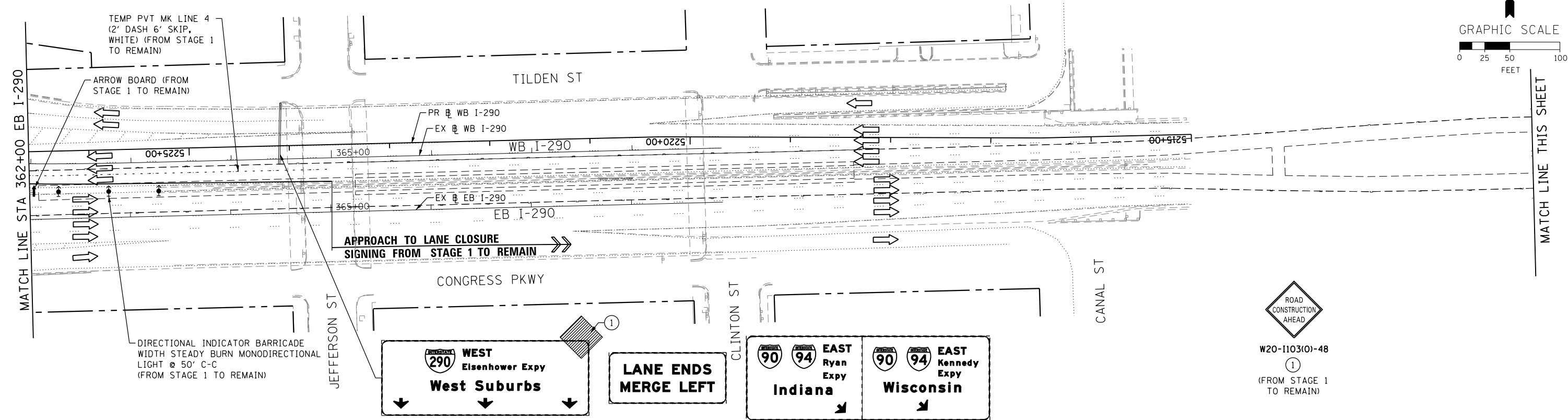
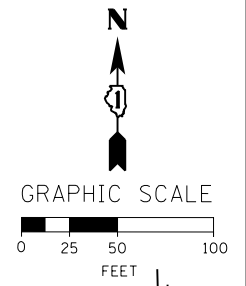
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DATE - 5/14/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STAGE 3
SCALE: 1" = 50' SHEET 3 OF 7 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	72
CONTRACT NO. 60W25				
ILLINOIS FED. AID PROJECT				

NOTE:
UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS USED
ARE TAKEN FROM EITHER EXISTING EB AND WB I-290 BASELINES



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PLOT DATE = 5/15/2013

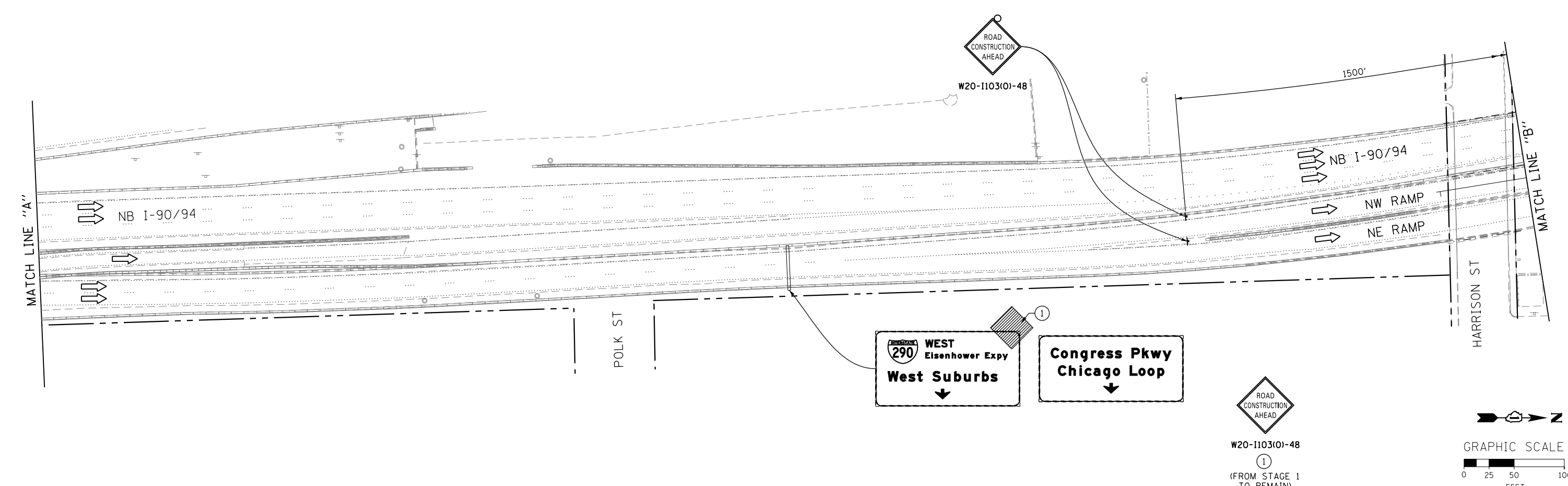
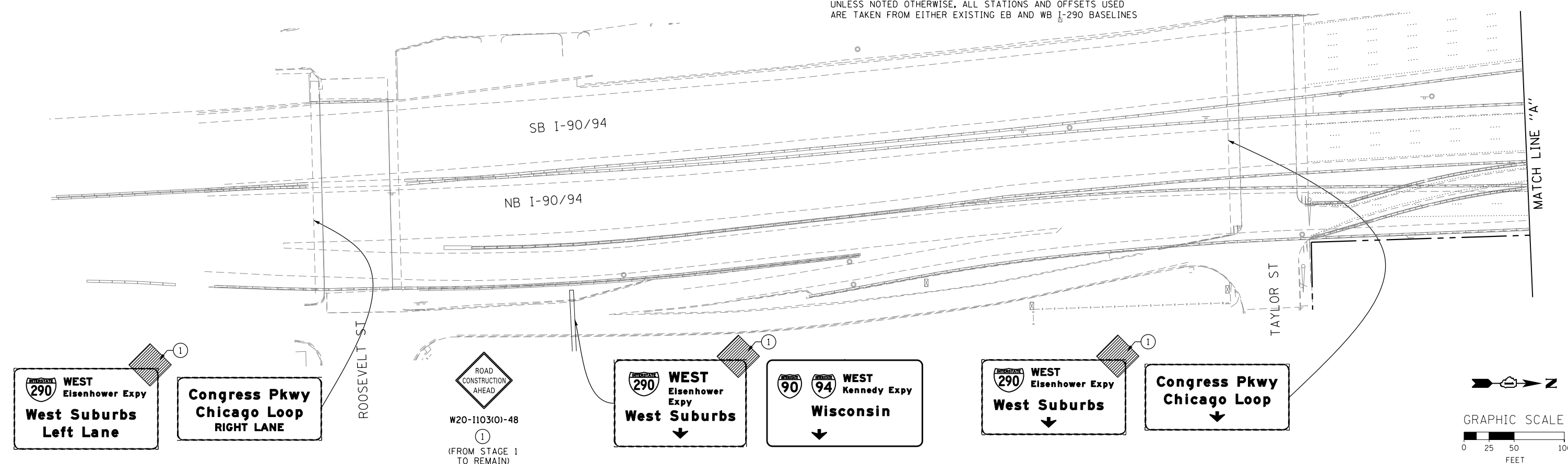
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DRAWN - PHP	REVISED -
CHECKED - DBM	REVISED -
DATE - 5/14/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STAGE 3
SCALE: 1" = 50' SHEET 4 OF 7 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-007R	COUNTY COOK	TOTAL SHEETS 317	SHEET NO. 73
CONTRACT NO. 60W25				
ILLINOIS FED. AID PROJECT				

NOTE:
UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS USED
ARE TAKEN FROM EITHER EXISTING EB AND WB I-290 BASELINES



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PLOT DATE = 5/15/2013

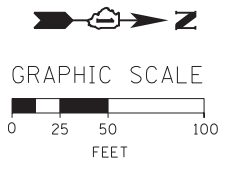
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

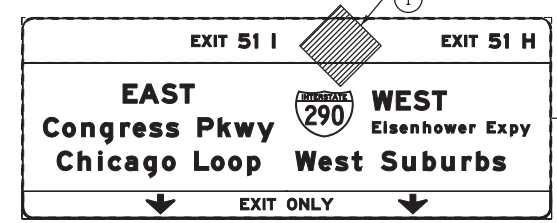
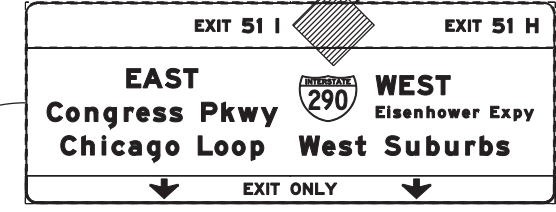
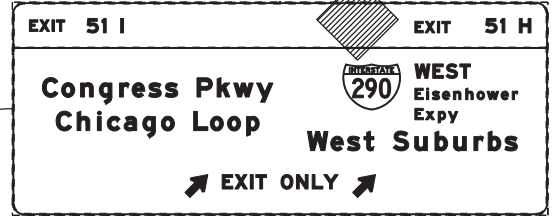
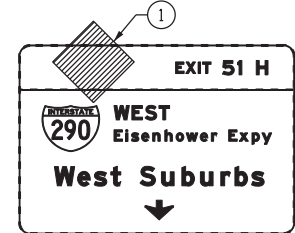
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STAGE 3
SCALE: 1" = 50' SHEET 5 OF 7 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-007R	COUNTY COOK	TOTAL SHEETS 317	SHEET NO. 74
CONTRACT NO. 60W25				
ILLINOIS FED. AID PROJECT				

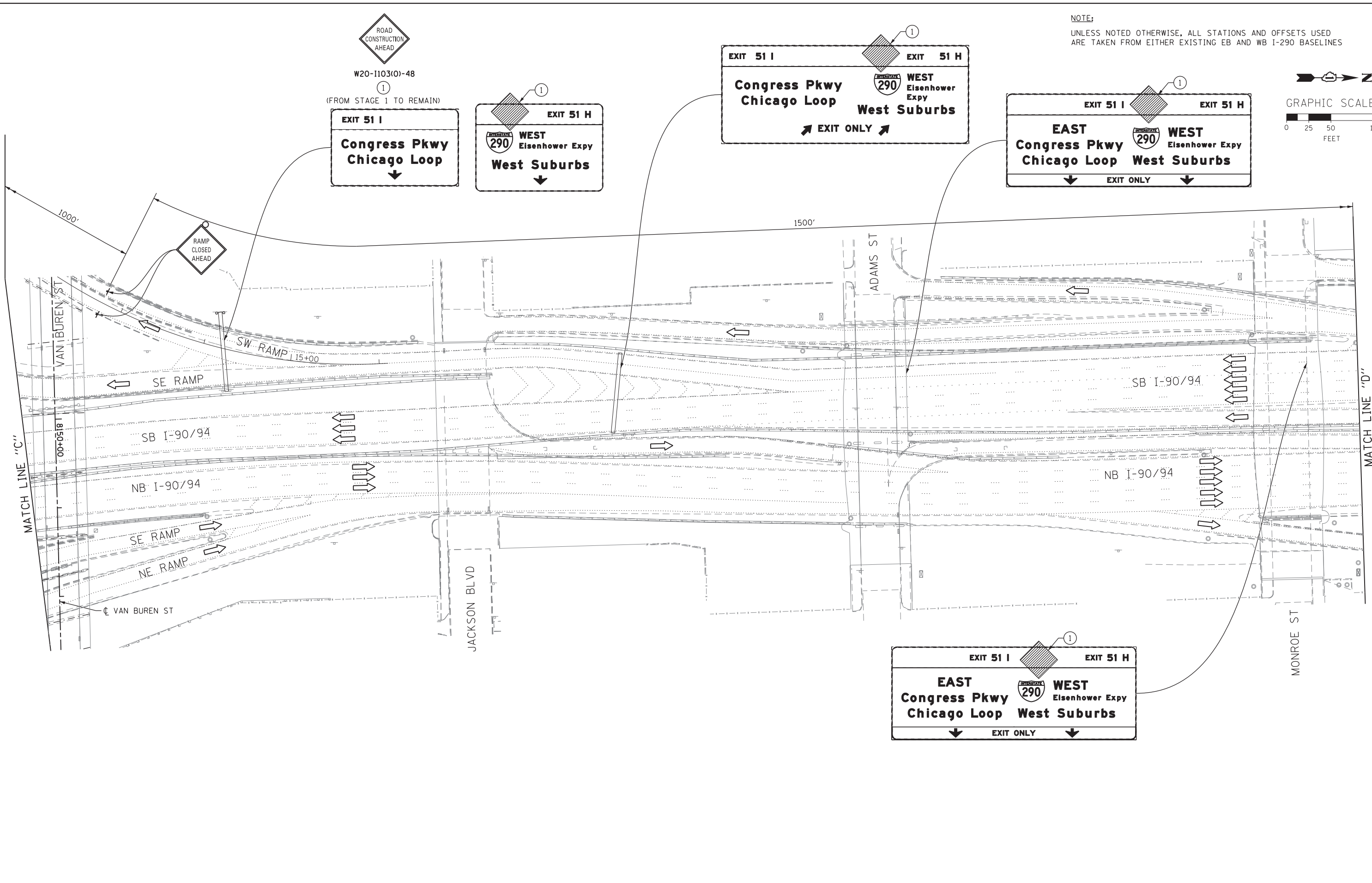
NOTE:
UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS USED
ARE TAKEN FROM EITHER EXISTING EB AND WB I-290 BASELINES



W20-110310)-48
(FROM STAGE 1 TO REMAIN)



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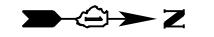
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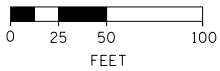
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STAGE 3
SCALE: 1" = 50' SHEET 6 OF 7 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	75
CONTRACT NO. 60W25				
ILLINOIS FED. AID PROJECT				

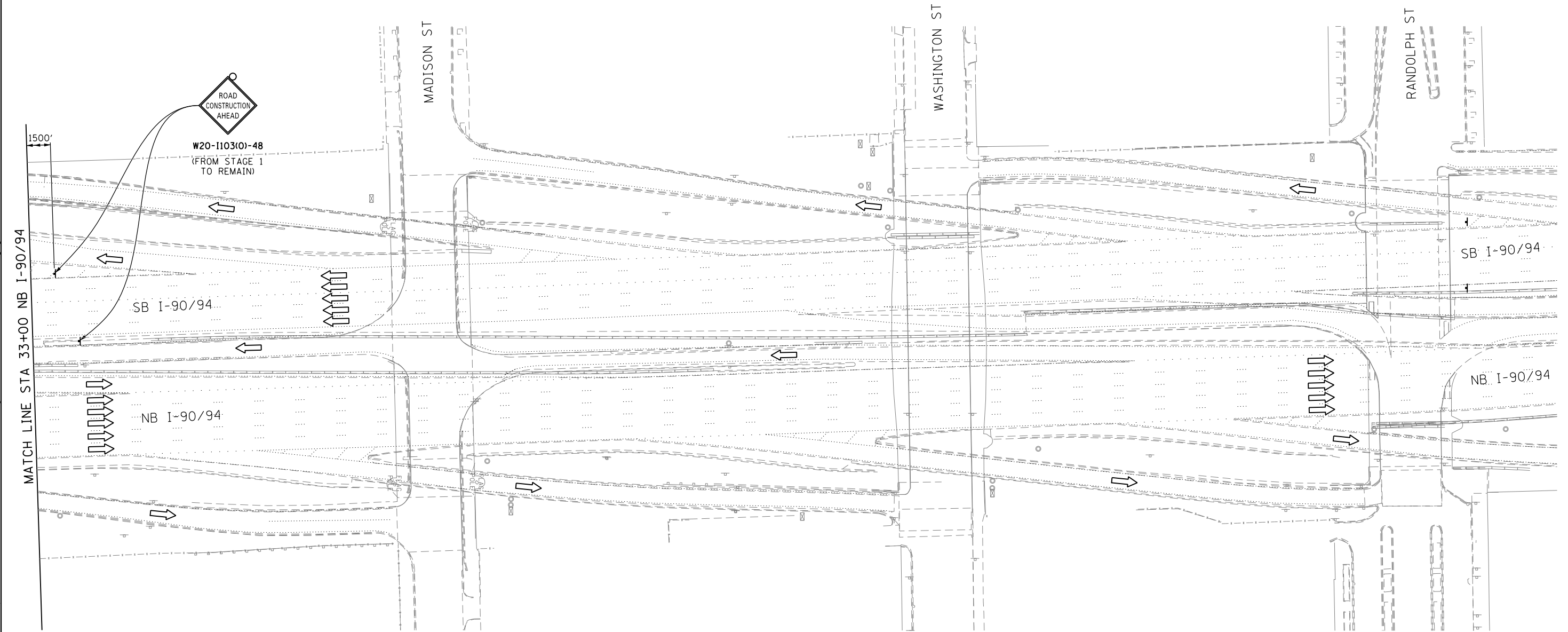


GRAPHIC SCALE



NOTE:

UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS USED ARE TAKEN FROM EITHER EXISTING EB AND WB I-290 BASELINES



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D160W25-sht-Staging3-07
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 PLOT SCALE = 50.0000' / in.
 PLOT DATE = 5/15/2013

DESIGNED - OPS	REVISED -
DRAWN - PHP	REVISED -
CHECKED - DBM	REVISED -
DATE - 5/14/2013	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL

STAGE 3

SCALE: 1" = 50'	SHEET 7 OF 7 SHEETS	STA.	TO STA.
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	76
CONTRACT NO. 60W25				
ILLINOIS FED. AID PROJECT				

TEMPORARY EROSION CONTROL SCHEDULE

	MULCH, METHOD 2	TEMPORARY EROSION CONTROL SEEDING	PERIMETER EROSION BARRIER
STAGES	ACRE	POUND	FOOT
STAGE 1	0.13	25.95	526
STAGE 2	0.18	36.39	958
STAGE 3	0.23	45.28	424
TOTAL	0.54	107.62	1908
ROUNDED TOTAL	0.75	107.75	1908

PERMANENT EROSION CONTROL SCHEDULE

	POTASSIUM FERTILIZER NUTRIENT	NITROGEN FERTILIZER NUTRIENT	SEEDING, CLASS 2A	EROSION CONTROL BLANKET
	POUND	POUND	ACRE	SQ YD
PERMANENT CONDITION	63	63	0.50	1386.22
TOTAL	63	63	0.50	1386.22
ROUNDED TOTAL	63	63	0.50	1387

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DI60W25-sht-EC-Schedule-01
 USER NAME = chitw
 PLOT SCALE = 50.0000' / in.
 PLOT DATE = 6/14/2013

DESIGNED - DMS
 DRAWN - DMS
 CHECKED - AFC
 DATE - 6/17/2013

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL SCHEDULES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	77
CONTRACT NO. 60W25			ILLINOIS FED. AID PROJECT	

INLET FILTERS
STAGE 1

	LOCATION		ALIGNMENT	STRUCTURE	AMOUNT (EACH)
	STATION	OFFSET			
STAGE 1	3602+18.77	23.15' RT	PR CL MORGAN ST	EX INLET	1
STAGE 1	3602+19.77	23.15' RT	PR CL MORGAN ST	PR INLET	1
STAGE 1	3602+20.02	17.20' RT	PR CL MORGAN ST	EX CB	1
STAGE 1	3602+20.02	17.20' RT	PR CL MORGAN ST	PR CB	1
STAGE 1	3602+71.68	16.54' RT	PR CL MORGAN ST	PR CB	1
STAGE 1	3602+71.80	22.54' RT	PR CL MORGAN ST	PR INLET	1
STAGE 1	3603+19.55	21.04' RT	PR CL MORGAN ST	EX CB	1
STAGE 1	3603+23.68	22.01' LT	PR CL MORGAN ST	EX CB	1
STAGE 1	3606+37.59	17.49' RT	PR CL MORGAN ST	EX CB	1
STAGE 1	3606+61.80	21.54' RT	PR CL MORGAN ST	EX CB	1
STAGE 1	3606+65.44	21.56' RT	PR CL MORGAN ST	EX CB	1
STAGE 1	3305+26.79	9.50' LT	PR CL CONGRESS PKWY	PR CB	1
STAGE 1	3305+64.20	11.16' LT	PR CL CONGRESS PKWY	EX CB	1
STAGE 1	3306+34.62	9.50' LT	PR CL CONGRESS PKWY	PR CB	1
STAGE 1	1000+22.22	2.63' RT	E-MOR-WX	EX CB	1
STAGE 1	1002+24.77	32.01' LT	E-MOR-WX	EX CB	1
STAGE 1	1002+49.22	31.25' LT	E-MOR-WX	EX CB	1
STAGE 1	1002+99.82	0.15' LT	E-MOR-WX	PR CB	1
STAGE 1	1004+40.00	19.70' LT	E-MOR-WX	PR INL	1
STAGE 1	1004+40.00	5.90' RT	E-MOR-WX	PR CB	1
STAGE 1	1005+68.34	11.00' RT	E-MOR-WX	PR CB	1
STAGE 1	5248+79.22	39.38' LT	PR CL WB I-290	EX CB	1
STAGE 1	5248+98.12	18.22' RT	PR CL WB I-290	EX CB	1
STAGE 1	5249+81.74	26.10' RT	PR CL WB I-290	EX CB	1
STAGE 1	5249+83.84	42.16' LT	PR CL WB I-290	EX CB	1
STAGE 1	5249+94.62	32.79' RT	PR CL WB I-290	PR CB	1
STAGE 1	5250+04.87	31.12' RT	PR CL WB I-290	PR CB	1
STAGE 1	5250+23.13	23.74' RT	PR CL WB I-290	EX CB	1
STAGE 1	5250+25.51	38.97' LT	PR CL WB I-290	EX CB	1
STAGE 1	5250+41.49	26.97' RT	PR CL WB I-290	EX CB	1
STAGE 1	5138+19.78	25.13' RT	PR CL EB I-290	EX CB	1
STAGE 1	5138+44.52	39.34' LT	PR CL EB I-290	EX CB	1
STAGE 1	5138+62.15	39.29' LT	PR CL EB I-290	EX CB	1
STAGE 1	5138+68.89	24.45' RT	PR CL EB I-290	EX CB	1
STAGE 1	5138+93.91	39.43' LT	PR CL EB I-290	PR CB	1
STAGE 1	5139+03.41	65.82' RT	PR CL EB I-290	PR CB	1
STAGE 1	5139+08.46	21.39' RT	PR CL EB I-290	PR CB	1
STAGE 1	5139+09.16	28.59' RT	PR CL EB I-290	EX CB	1
STAGE 1	5139+86.42	37.39' RT	PR CL EB I-290	PR CB	1
STAGE 1	5139+87.17	30.68' RT	PR CL EB I-290	PR CB	1
STAGE 1	5139+80.80	37.36' LT	PR CL EB I-290	EX CB	1
STAGE 1	5139+80.80	37.36' LT	PR CL EB I-290	PR CB	1
STAGE 1	5139+96.82	36.96' RT	PR CL EB I-290	EX CB	1
STAGE 1	5140+23.70	37.00' RT	PR CL EB I-290	EX CB	1
TOTAL					44

INLET FILTERS
STAGE 2

	LOCATION		ALIGNMENT	STRUCTURE	AMOUNT (EACH)
	STATION	OFFSET			
STAGE 2	3606+18.08	57.87' LT	PR CL MORGAN ST	EX CB	1
STAGE 2	3606+42.81	59.08' LT	PR CL MORGAN ST	EX CB	1
STAGE 2	3606+50.18	0.87' RT	PR CL MORGAN ST	EX CB	1
STAGE 2	3305+26.79	12.03' RT	PR CL CONGRESS PKWY	PR INLET	1
STAGE 2	3305+27.06	6.03' RT	PR CL CONGRESS PKWY	PR CB	1
STAGE 2	3305+96.32	11.20' RT	PR CL CONGRESS PKWY	PR CB	1
TOTAL					6

INLET FILTERS
STAGE 3

	LOCATION		ALIGNMENT	STRUCTURE	AMOUNT (EACH)
	STATION	OFFSET			
STAGE 3	3602+23.43	18.00' LT	PR CL MORGAN ST	EX CB	1
STAGE 3	3602+23.43	21.50' LT	PR CL MORGAN ST	PR CB	1
STAGE 3	3602+23.55	23.38' LT	PR CL MORGAN ST	EX INLET	1
TOTAL					3

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DI60W25-sht-EC-Schedule-02
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PLOT DATE = 6/13/2013

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DATE - 6/17/2013

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
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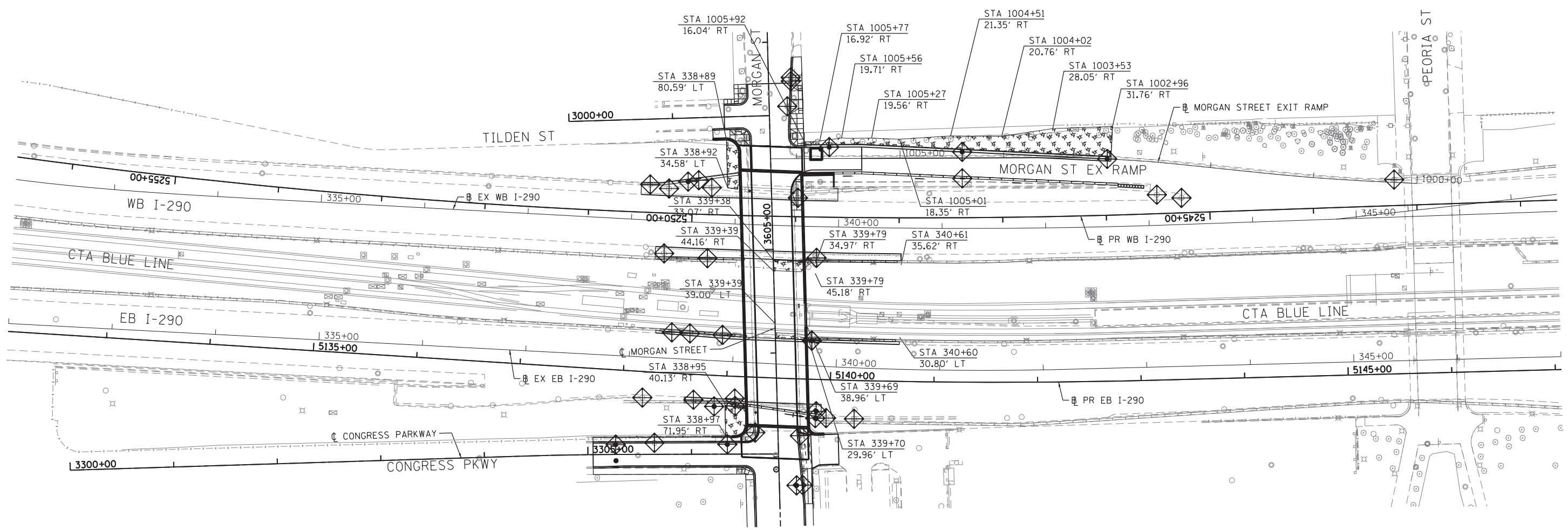
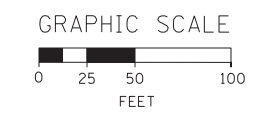
EROSION CONTROL SCHEDULES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	78
CONTRACT NO. 60W25			ILLINOIS FED. AID PROJECT	

LEGENDS

-  INLET FILTER
-  PERIMETER EROSION BARRIER
-  TEMPORARY EROSION CONTROL SEEDING AND MULCH, METHOD 2



EROSION CONTROL GENERAL NOTES:

1. THE CONSTRUCTION LIMITS WILL STAKED AND APPROVED BY THE ENGINEER PRIOR TO COMMENCING CONSTRUCTION. THE CONSTRUCTION LIMITS MAY BE ADJUSTED BY THE ENGINEER TO PRESERVE TREES AND NO ADDITIONAL COMPENSATION WILL BE PAID TO THE CONTRACTOR FOR CHANGES IN CONSTRUCTION LIMITS.
2. EROSION CONTROL ITEMS ARE CONSIDERED HIGH PRIORITY ITEMS IN THIS CONTRACT. THE ENGINEER WILL IMPLEMENT ALL PROVISIONS OF SPECIFICATION TO NECESSARY TO ASSURE THAT EROSION CONTROL ITEMS ARE CONSTRUCTED AND MAINTAINED IN A TIMELY MANNER. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES.
3. THE EROSION CONTROL MEASURES SHOWN ARE BUT A GRAPHICAL REPRESENTATION OF SUGGESTED MEASURES. DEVIATIONS FROM THIS PLAN ARE TO BE EXPECTED PENDING A JOBSITE INSPECTION BETWEEN THE CONTRACTOR AND THE DEPARTMENT.
4. THE CONTRACTOR WILL BE REQUIRED TO IMPLEMENT AND MAINTAIN SEDIMENT CONTROL MEASURES PRIOR TO STRIPPING EXISTING VEGETATION.
5. TEMPORARY EROSION CONTROL SEEDING SHALL BE APPROVED PER SUB-STAGE AS SOON AS ROUGH GRADING IS COMPLETED IN A SECTION, BUT IN NO CASE MORE THAN 7 DAY AFTER THE CONSTRUCTION ACTIVITIES IN THAT PORTION OF THE SITE HAVE TEMPORARILY OR PERMANENTLY CEASED WHERE CONSTRUCTION WILL NOT OCCUR FOR A PERIOD OF 14 OR MORE CALENDAR DAYS.
6. ANY AREA WHERE THERE IS NO PROPOSED GRADING THE EXISTING GROUND COVER SHALL REMAIN.
7. THE CONTRACTOR SHALL PROVIDE TO THE RESIDENT ENGINEER A PLAN TO HAVE STABILIZED CONNECTION BETWEEN THE UPSTREAM AND THE DOWNSTREAM ENDS OF STORM WATER CONVEYANCE UNDER CONSTRUCTION WHEN RAIN IS FORECASTED DURING STORM SEWER CONSTRUCTION, SO THAT FLOW WILL NOT CAUSE EROSION.
8. TEMPORARY STOCKPILE LOCATIONS SHALL BE APPROVED BY THE ENGINEER AND WILL REQUIRE SILT FENCE AND TEMPORARY SEEDING.
9. AN ESTIMATED ADDITIONAL QUANTITY OF 25 EACH OF INLET FILTERS HAS BEEN ADDED TO THE CONTRACT FOR WHEN REPLACEMENT IS REQUIRED FROM INSPECTION OF THE ENGINEER.

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
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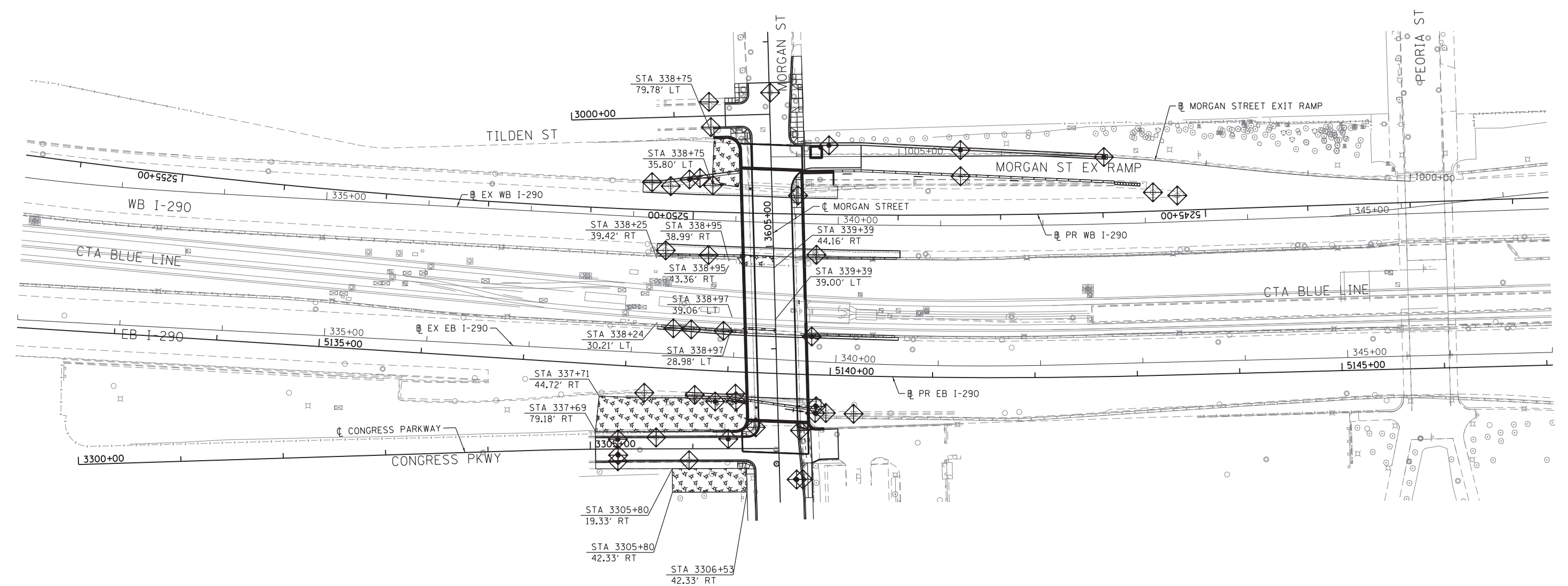
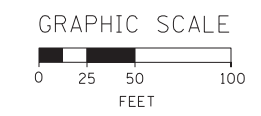
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EROSION AND SEDIMENTATION CONTROL PLAN			
STAGE 1			
SCALE: 1" = 50'	SHEET 1	OF 3 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	79
CONTRACT NO. 60W25				
ILLINOIS FED. AID PROJECT				

LEGENDS

-  INLET FILTER
-  PERIMETER EROSION BARRIER
-  TEMPORARY EROSION CONTROL SEEDING AND MULCH, METHOD 2



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DATE - 6/17/2013	REVISED -




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DEPARTMENT OF TRANSPORTATION**

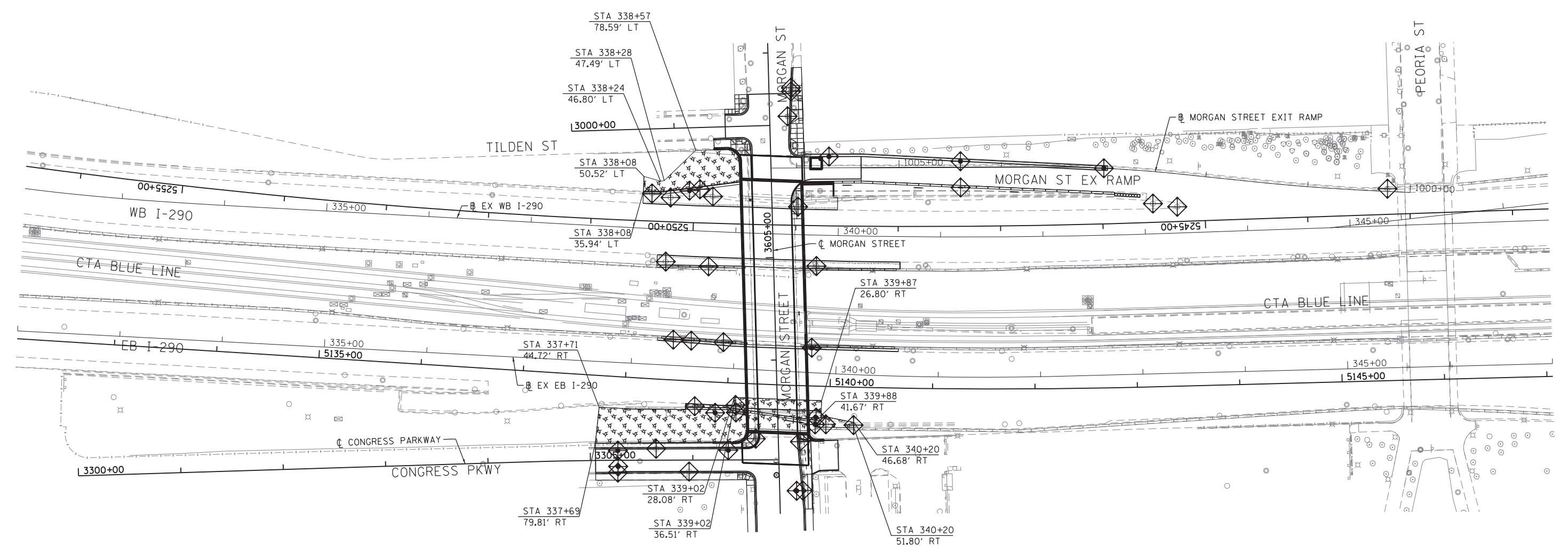
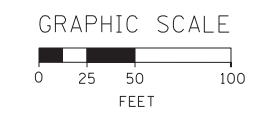
**EROSION AND SEDIMENTATION CONTROL PLAN
STAGE 2**

SCALE: 1" = 50' SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	80
CONTRACT NO. 60W25				
ILLINOIS FED. AID PROJECT				

LEGENDS

-  INLET FILTER
-  PERIMETER EROSION BARRIER
-  TEMPORARY EROSION CONTROL SEEDING AND MULCH, METHOD 2



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




**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

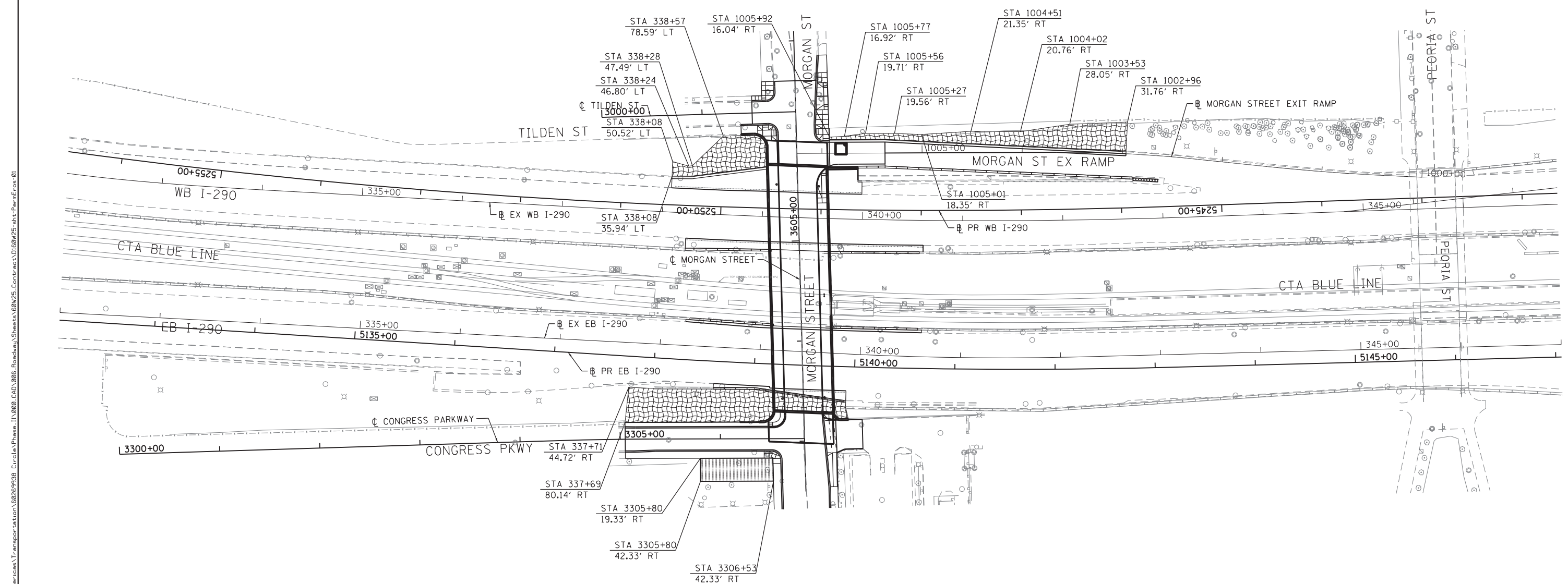
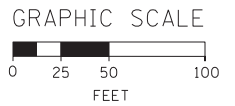
**EROSION AND SEDIMENTATION CONTROL PLAN
 STAGE 3**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	81
CONTRACT NO. 60W25				
ILLINOIS FED. AID PROJECT				

LEGENDS

-  EROSION CONTROL BLANKET
-  SEEDING, CLASS 2A
-  NITROGEN FERTILIZER NUTRIENT
-  POTASSIUM FERTILIZER NUTRIENT
-  TOPSOIL FURNISH AND PLACE, 4" SODDING, SALT TOLERANT



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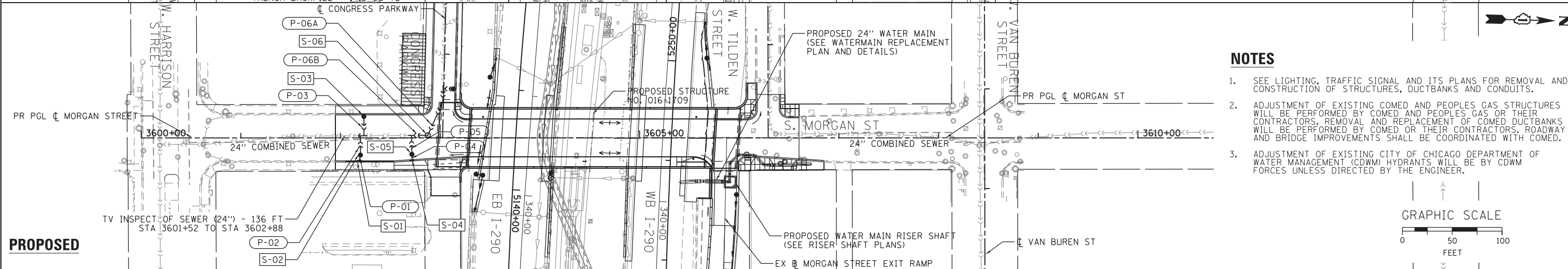
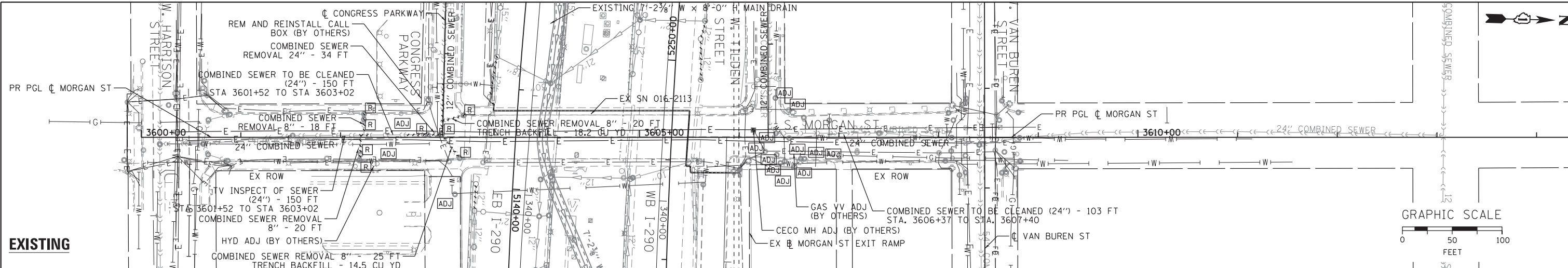
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PERMANENT EROSION AND SEDIMENTATION CONTROL PLAN
 SCALE: 1" = 50' SHEET 1 OF 1 SHEETS STA. TO STA.

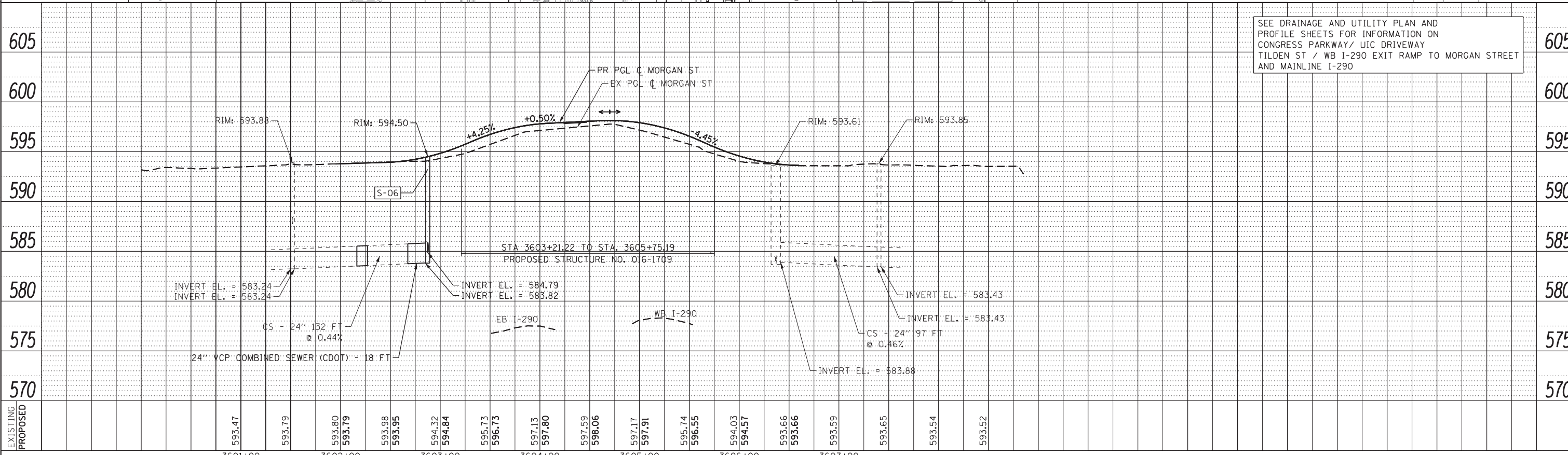
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90/94/290	2013-007R	COOK	317	82
CONTRACT NO. 60W25				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	CHECKED	
	BY	
	DATE	

PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES CHECKED	
	STRUCTURE	
	BY	
	DATE	



- NOTES**
- SEE LIGHTING, TRAFFIC SIGNAL AND ITS PLANS FOR REMOVAL AND CONSTRUCTION OF STRUCTURES, DUCTBANKS AND CONDUITS.
 - ADJUSTMENT OF EXISTING COMED AND PEOPLES GAS STRUCTURES WILL BE PERFORMED BY COMED AND PEOPLES GAS OR THEIR CONTRACTORS. REMOVAL AND REPLACEMENT OF COMED DUCTBANKS WILL BE PERFORMED BY COMED OR THEIR CONTRACTORS. ROADWAY AND BRIDGE IMPROVEMENTS SHALL BE COORDINATED WITH COMED.
 - ADJUSTMENT OF EXISTING CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT (CDWM) HYDRANTS WILL BE BY CDWM FORCES UNLESS DIRECTED BY THE ENGINEER.



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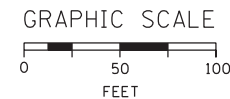
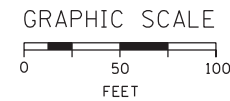
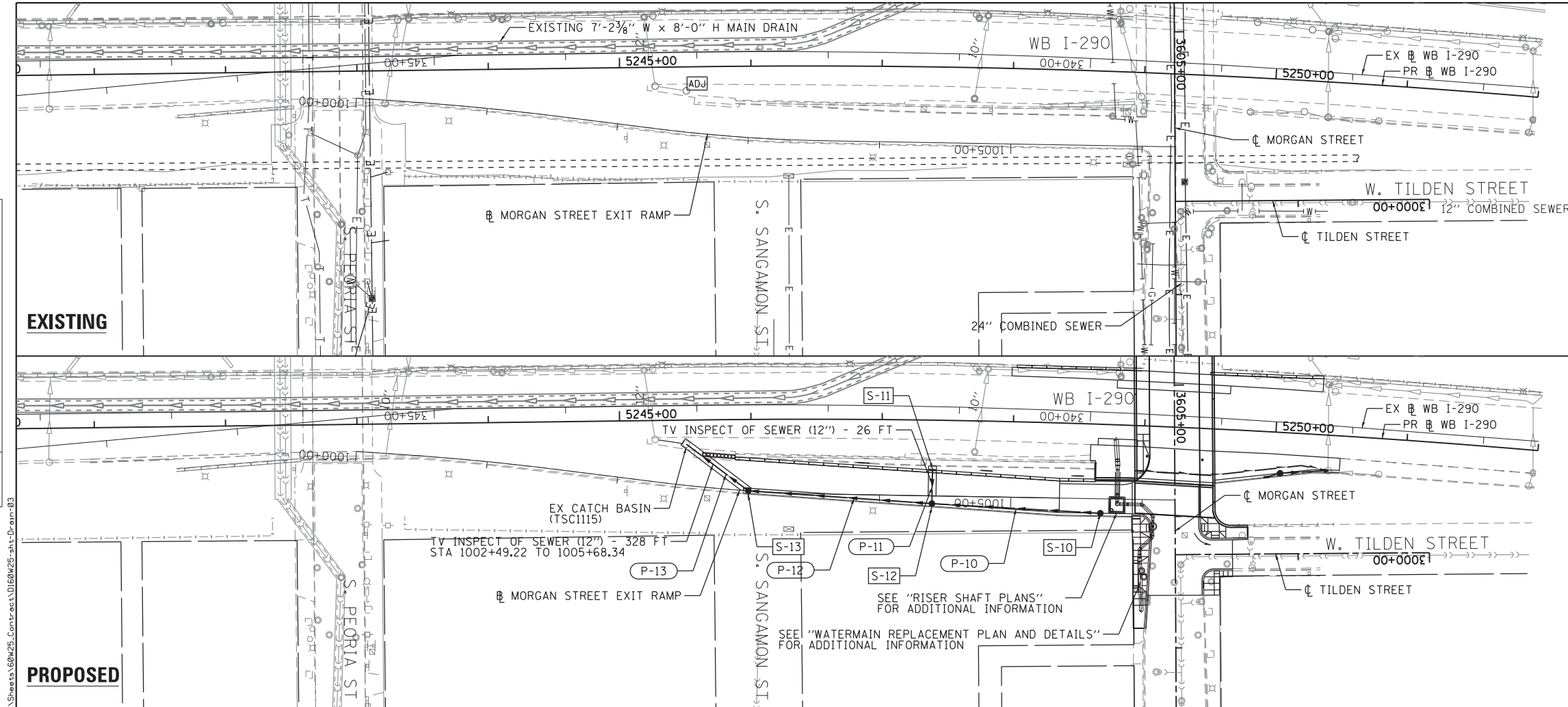
STATE OF ILLINOIS
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DRAINAGE AND UTILITY PLAN AND PROFILE
MORGAN STREET
SCALE: 1" = 50'
SHEET 1 OF 1 SHEETS
STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	83
CONTRACT NO. 60W25				
ILLINOIS FED. AID PROJECT				

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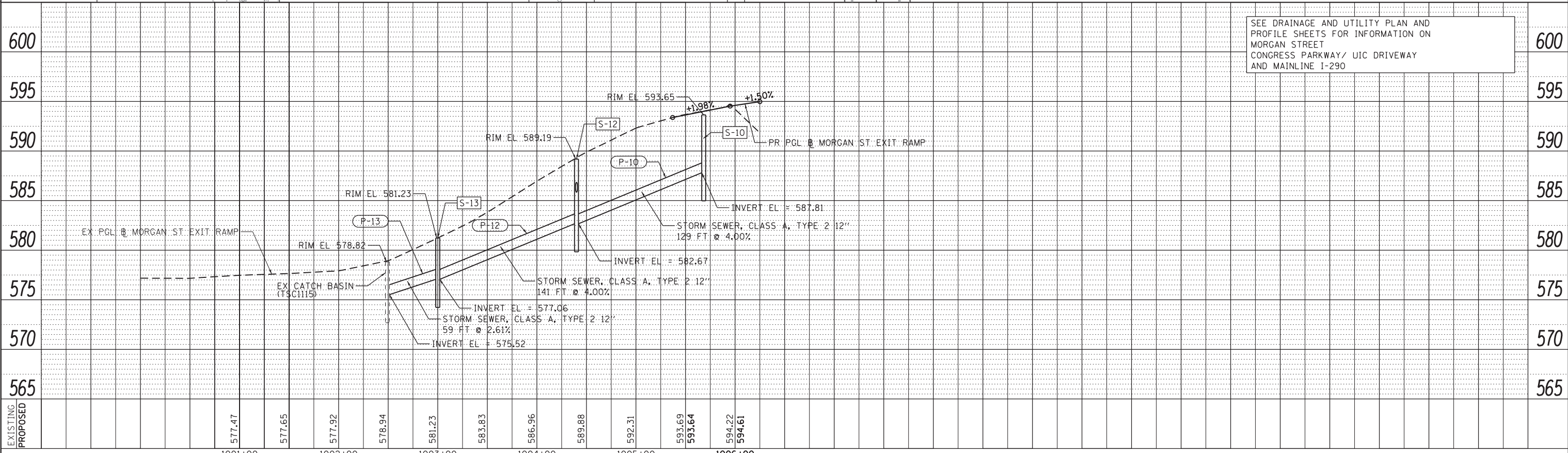
PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	



NOTES

1. SEE LIGHTING, TRAFFIC SIGNAL AND ITS PLANS FOR REMOVAL AND CONSTRUCTION OF STRUCTURES, DUCTBANKS AND CONDUITS.
2. ADJUSTMENT OF EXISTING COMED AND PEOPLES GAS STRUCTURES WILL BE PERFORMED BY COMED AND PEOPLES GAS OR THEIR CONTRACTORS. REMOVAL AND REPLACEMENT OF COMED DUCTBANKS WILL BE PERFORMED BY COMED OR THEIR CONTRACTORS. ROADWAY AND BRIDGE IMPROVEMENTS SHALL BE COORDINATED WITH COMED.
3. ADJUSTMENT OF EXISTING CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT (CDWM) HYDRANTS WILL BE BY CDWM FORCES UNLESS DIRECTED BY THE ENGINEER.

SEE DRAINAGE AND UTILITY PLAN AND PROFILE SHEETS FOR INFORMATION ON MORGAN STREET CONGRESS PARKWAY/ UIC DRIVEWAY AND MAINLINE I-290



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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

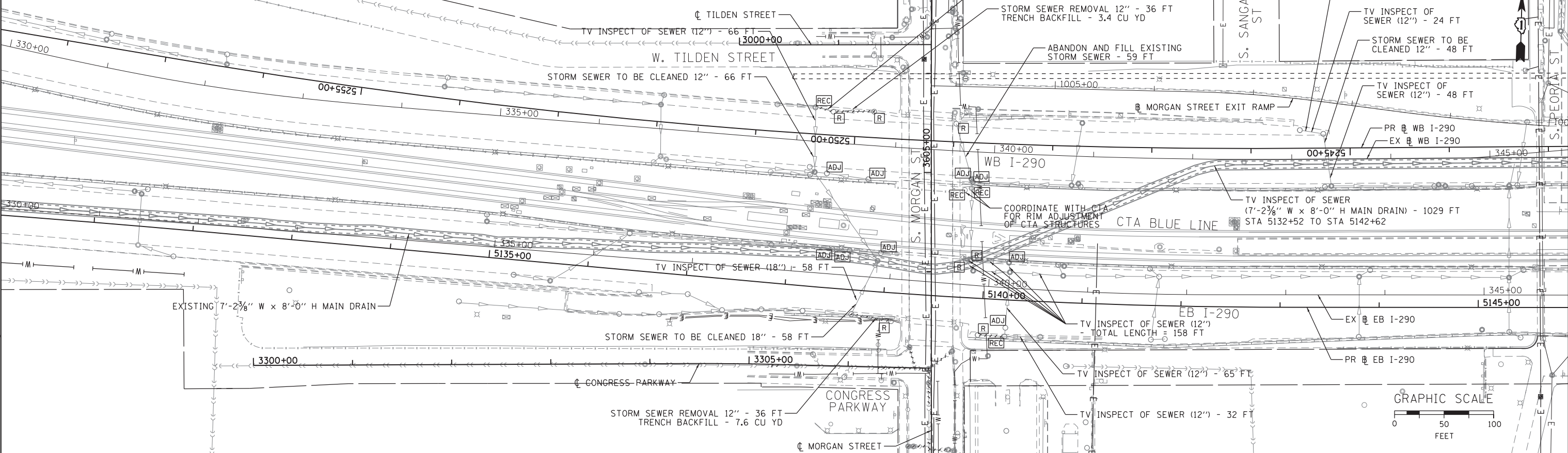
DRAINAGE AND UTILITY PLAN AND PROFILE
 TILDEN ST /WB I-290 EXIT RAMP TO MORGAN STREET

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

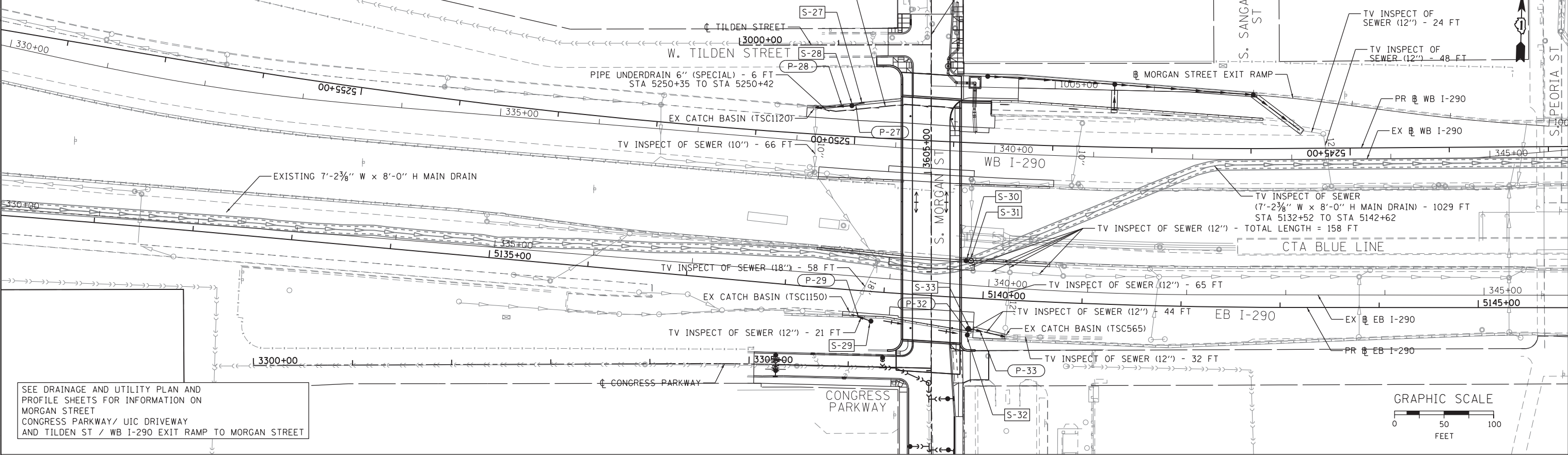
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90/94/290	2013-007R	COOK	317	85
CONTRACT NO. 60W25				
ILLINOIS FED. AID PROJECT				

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EXISTING CONDITIONS



PROPOSED CONDITIONS



SEE DRAINAGE AND UTILITY PLAN AND PROFILE SHEETS FOR INFORMATION ON MORGAN STREET CONGRESS PARKWAY/ UIC DRIVEWAY AND TILDEN ST / WB I-290 EXIT RAMP TO MORGAN STREET

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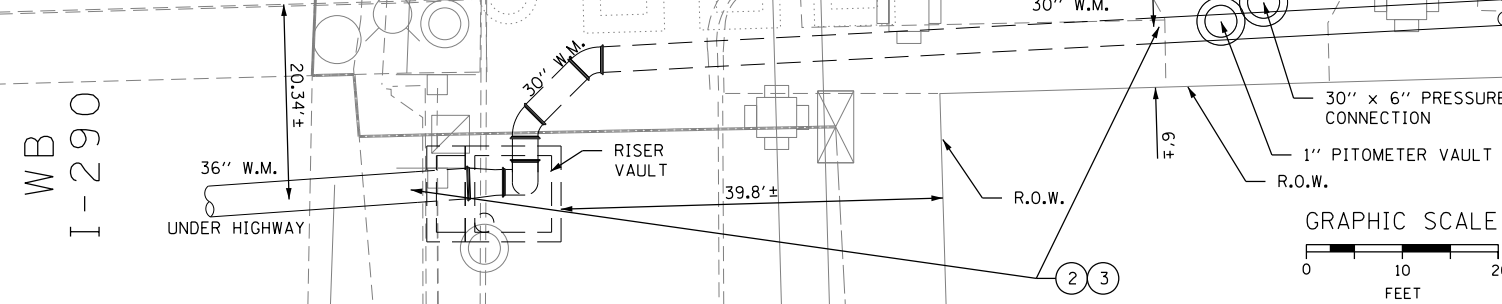
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE AND UTILITY PLAN
 I-290**
 SCALE: 1" = 50' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. R.E. 90/94/290	SECTION 2013-007R	COUNTY COOK	TOTAL SHEETS 317	SHEET NO. 86
CONTRACT NO. 60W25				
ILLINOIS FED. AID PROJECT				

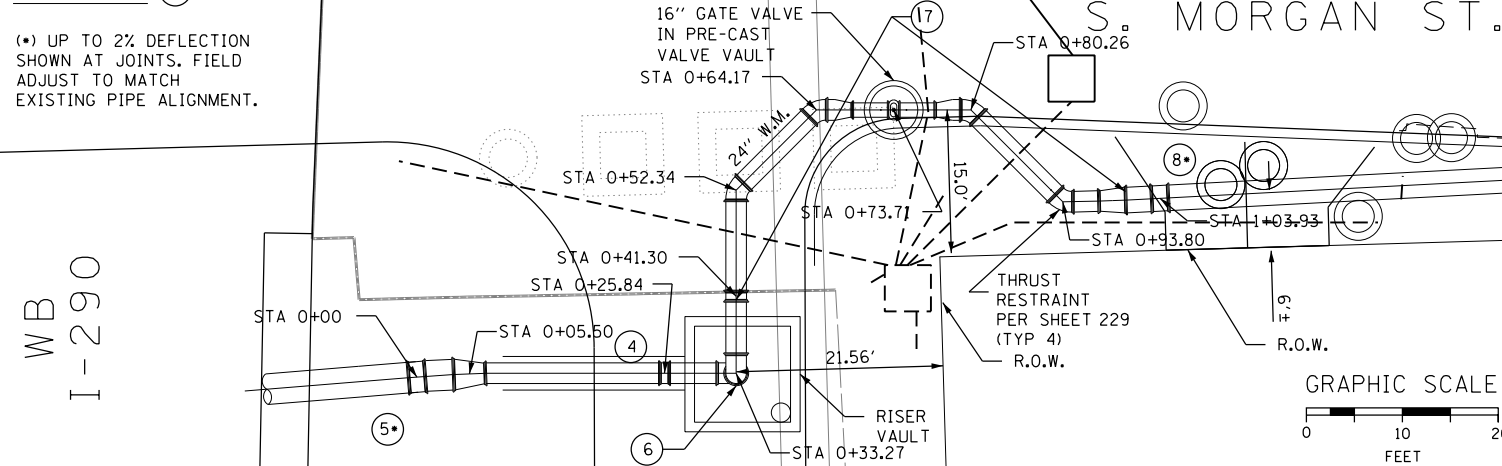
EXISTING ①

- THE EXISTING WATER MAIN HAS BEEN LOCATED BASED ON INFORMATION GATHERED IN A LEVEL "B" SUE SURVEY. THE PROPOSED LAYOUT SHALL BE ADJUSTED TO MEET THE EXISTING ALIGNMENT.



PROPOSED ⑨

(*) UP TO 2% DEFLECTION SHOWN AT JOINTS. FIELD ADJUST TO MATCH EXISTING PIPE ALIGNMENT.



WATER MAIN GENERAL NOTES:

- LOCATION OF UTILITIES AND PROPERTY LINES ARE FROM THE BEST INFORMATION AVAILABLE. EXACT LOCATION AND COMPLETENESS ARE NOT GUARANTEED.
- THE CONTRACTOR MUST VERIFY THE LOCATION OF UNDERGROUND UTILITIES WITH THE UTILITY OWNERS PRIOR TO DOING ANY WORK IN THE VICINITY. THE CONTRACTOR MUST COMPLY WITH REQUIREMENTS OF UTILITY OWNERS REGARDING NOTICE OF WORK AND PROTECTION OF UTILITIES. THE CONTRACTOR MUST COMPLY WITH THE CITY OF CHICAGO, DEPARTMENT OF TRANSPORTATION DAMAGE PREVENTION PROTOCOL CITY INFRASTRUCTURE DEPARTMENTS. ALL UTILITIES MUST BE NOTIFIED AT LEAST 48 HOURS BEFORE CONSTRUCTION. (CALL DIGGER 312-744-7000)
- IF ANY PUBLIC OR PRIVATE UTILITIES CROSS THE WATER MAIN TRENCH AND MUST REMAIN IN PLACE, THE CONTRACTOR MUST PROTECT SAID UTILITY IN CONFORMANCE WITH THE SPECIFICATIONS OR AS DIRECTED BY THE CHICAGO DEPARTMENT OF WATER MANAGEMENT BUREAU OF ENGINEERING SERVICES.
- TEST PITS MUST BE EXCAVATED IN ADVANCE OF PIPELINE CONSTRUCTION IN ORDER TO CONFIRM DEPTH AND LOCATION OF EXISTING UTILITIES AND WHEN DIRECTED BY THE ENGINEER. NO ADDITIONAL PAYMENT WILL BE MADE FOR TEST PIT EXCAVATION.
- WORK INDICATED ON THE PLANS AND NOT REFERENCED TO A BID ITEM IS CONSIDERED INCIDENTAL TO THE WORK TO WHICH IT APPLIES AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- WATER MAIN AND FITTINGS LOCATIONS SHOWN ON THE DRAWINGS FOR THE NEW WATER MAINS AND APPURTENANCES MAY BE CHANGED BY THE ENGINEER DUE TO FIELD CONDITIONS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR SUCH CHANGES, UNLESS PREVIOUSLY APPROVED BY THE ENGINEER.
- THE OPERATION OF ALL VALVES REQUIRED FOR SHUTDOWN MUST BE PERFORMED BY CDWM FORCES PURSUANT TO A 72 HOUR ADVANCE NOTIFICATION TO THE DEPARTMENT. ANY VALVE FOUND NOT OPERABLE WILL BE REPAIRED OR REPLACED BY CDWM.
- REMOVE AND PROPERLY DISPOSE OF ALL WATER ENTERING ANY EXCAVATION INCLUDING LEAKAGE FROM EXISTING WATER MAINS. ALL EXCAVATIONS ASSOCIATED WITH THE WATER MAIN WORK MUST BE KEPT DRY.
- ALL OPENINGS IN EXISTING WATER MAINS MUST BE PLUGGED OR CAPPED WITH DUCTILE IRON FITTINGS UNTIL THE MAIN IS ABANDONED.
- ALL VALVE BASINS MUST BE CONSTRUCTED OF PRE-CAST REINFORCED CONCRETE UNLESS DIRECTED OTHERWISE BY THE ENGINEER.
- NOTES INDICATING S.N.L., E.W.L., ETC. MEAN SOUTH OF THE NORTH PROPERTY LINE, EAST OF THE WEST PROPERTY LINE, ETC. AND ARE MEASURED FROM THE NEAREST STREET.
- IF A STANDARD MECHANICAL JOINT SLEEVE DOES NOT FIT TO MAKE CONNECTION OF THE NEW PIPE TO THE EXISTING PIPE, A TRANSITION SLEEVE MUST BE USED. NO GRINDING OF THE EXISTING PIPE IS PERMITTED.

CONSTRUCTION/SEQUENCING NOTES:

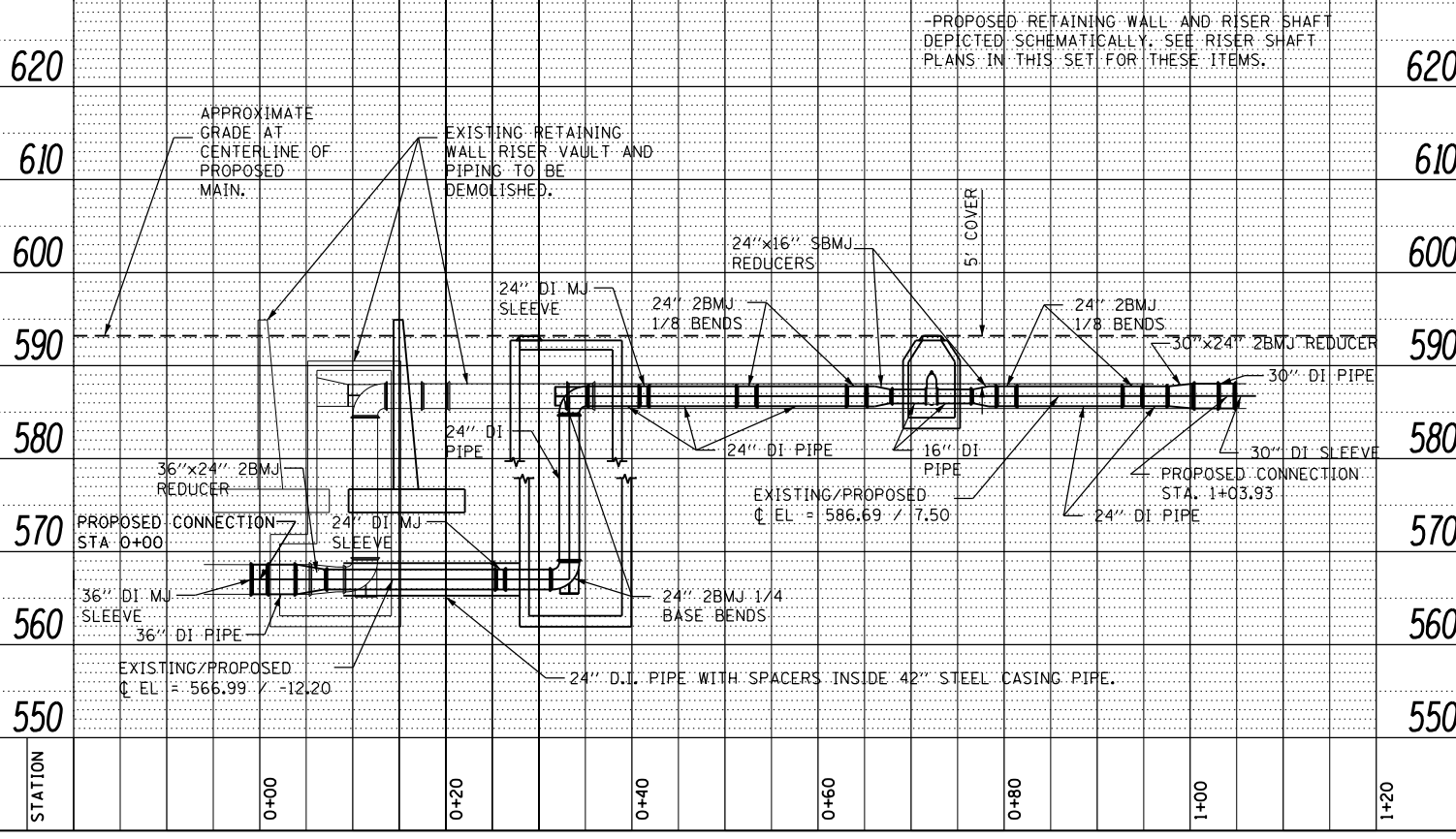
- NOTE: ALL OF THE FOLLOWING WATER MAIN CONSTRUCTION MUST BE COORDINATED AND SEQUENCED WITH THE BRACED EXCAVATION SUPPORT SYSTEM, DEMOLITION OF THE EXISTING RISER SHAFT AND CONSTRUCTION OF THE NEW RISER SHAFT. REFERENCE RISER SHAFT PLANS FOR MORE DETAILED CONSTRUCTION SEQUENCING OF THESE ITEMS.
1. CONTACT CDWM FOR SHUTDOWN OF WATER MAIN. (312-744-5070)
 2. DEWATERING OF EXISTING PIPE SHALL BE COORDINATED WITH BRACED RAMP EXCAVATION AND DEMOLITION OF EXISTING RISER SHAFT. SEE SHEET 230.
 3. CUT AND CAP EXISTING 30" WATER MAIN TO THE NORTH IN MORGAN STREET, CUT AND CAP EXISTING 36" WATER MAIN TO THE SOUTH UNDER EXPRESSWAY. EXACT LOCATIONS AND DEPTH OF EXISTING WATER MAINS TO BE VERIFIED IN FIELD BY CONTRACTOR.
 4. INSTALL 42" CASING PIPE AND 24" CARRIER PIPE BETWEEN EXISTING RISER SHAFT AND PROPOSED RISER SHAFT LOCATION. SUPPORT AS SHOWN ON SHEET 225.
 5. REMOVE TEMPORARY CAP AND CONNECT TO THE NEW 24" WATER MAIN TO THE EXISTING 36" WATER MAIN.
 6. AFTER CONSTRUCTION OF THE NEW RISER SHAFT, SET PIPE, FITTINGS AND APPURTENANCES AS SHOWN IN THE RISER SHAFT. SEE SHEET 226.
 7. SET PIPE, FITTINGS, VALVES, VALVE BASIN AND APPURTENANCES AS SHOWN FROM THE RISER SHAFT TO THE POINT OF CONNECTION TO THE EXISTING 30" WATER MAIN IN MORGAN STREET. COORDINATE THE LOCATION OF BENDS WITH THE LOCATION OF THE THRUST RESTRAINER PILES SHOWN ON SHEET 229.
 8. REMOVE TEMPORARY CAP AND CONNECT TO EXISTING 30" PIPE WITH DI SLEEVE.
 9. BEFORE THE WATER MAIN CAN BE FILLED AND FLUSHED, THE BRACED EXCAVATION AREA MUST BE BACKFILLED AND STRUCTURAL RESTRAINT SYSTEMS IN PLACE. COORDINATE WITH SHEET 225.
 10. CONTACT CDWM TO OPERATE VALVES FOR FILLING AND FLUSHING WATER MAIN.
 11. DISINFECT, FLUSH AND PRESSURE TEST PER GENERAL NOTES.
 12. RESTORE ALL WATER MAIN TRENCHES PER THE DETAILED DRAWING.

BILL OF MATERIALS:

- (NOTE: ALL PIPE AND FITTINGS USED SHALL BE RESTRAINED JOINT)
- 4' OF 36" DI RESTRAINED JOINT PIPE
 - 4' OF 30" DI RESTRAINED JOINT PIPE
 - 80' OF 24" DI MJ PIPE
 - 8' OF 16" MJ DI PIPE
 - 2-24"x16" SBMJ REDUCER
 - 4-24" 2BMJ 1/8 BEND
 - 2-24" DI MJ SLEEVE
 - 20' OF 42" STEEL CASING PIPE
 - 1-36"x24" 2BMJ REDUCER (PROVIDED)
 - 1-30"x24" 2BMJ REDUCER (PROVIDED)
 - 2-24" 2BMJ 1/4 BASE BEND (PROVIDED)
 - 1-36" DI MJ SLEEVE (PROVIDED)
 - 1-30" DI MJ SLEEVE (PROVIDED)
 - 1-16" CHICAGO STANDARD MJ GATE VALVE (PROVIDED)

DATE	
BY	
PLAN	
NO.	
NO.	
NO.	
NO.	
NO.	
NO.	

DATE	
BY	
PROFILE	
NO.	
NO.	
NO.	
NO.	
NO.	
NO.	



D:\620W25-sht-WM-01.dgn
 USER NAME = ayeungh
 PLOT SCALE = 10.0000 / 1 in.
 PLOT DATE = 5/14/2013

DESIGNED	- HHC	REVISED	-
DRAWN	- HHC	REVISED	-
CHECKED	- RBB	REVISED	-
DATE	- 05/14/13	REVISED	-

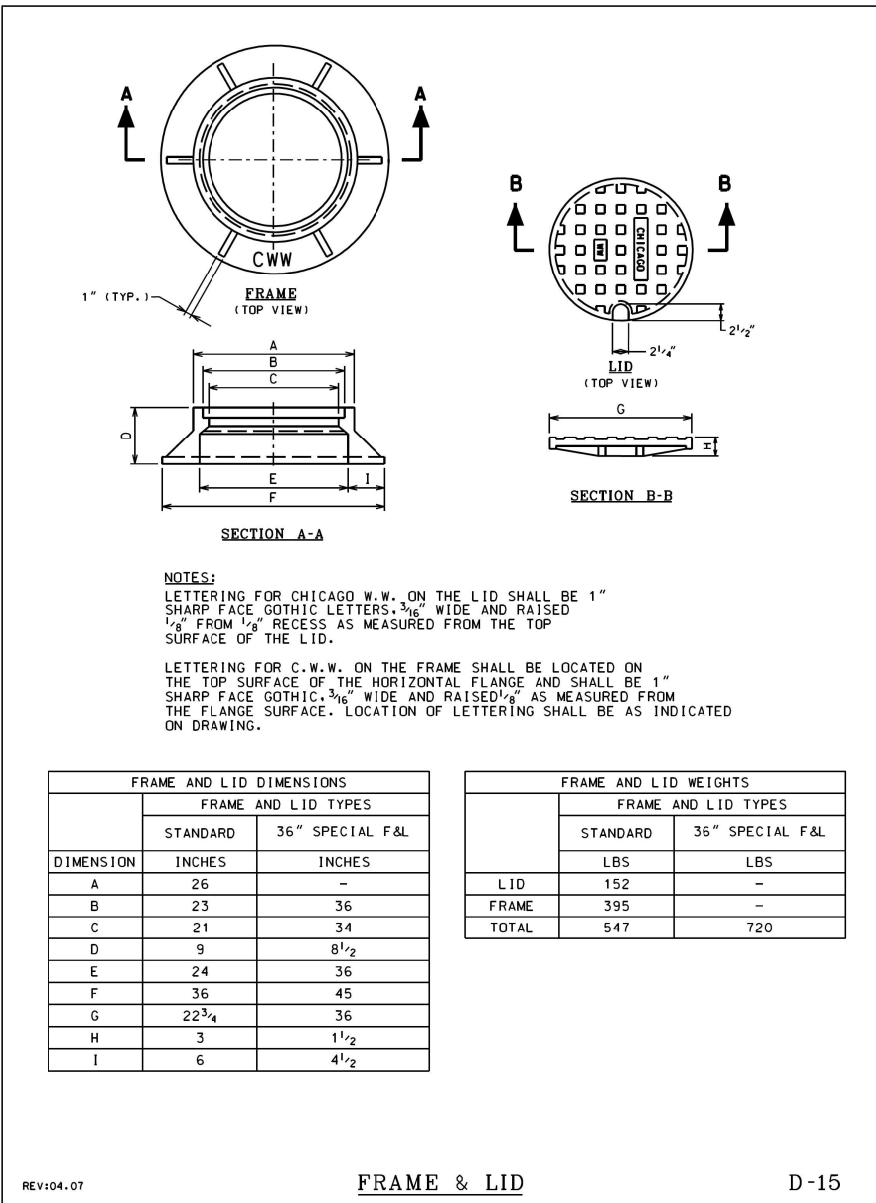
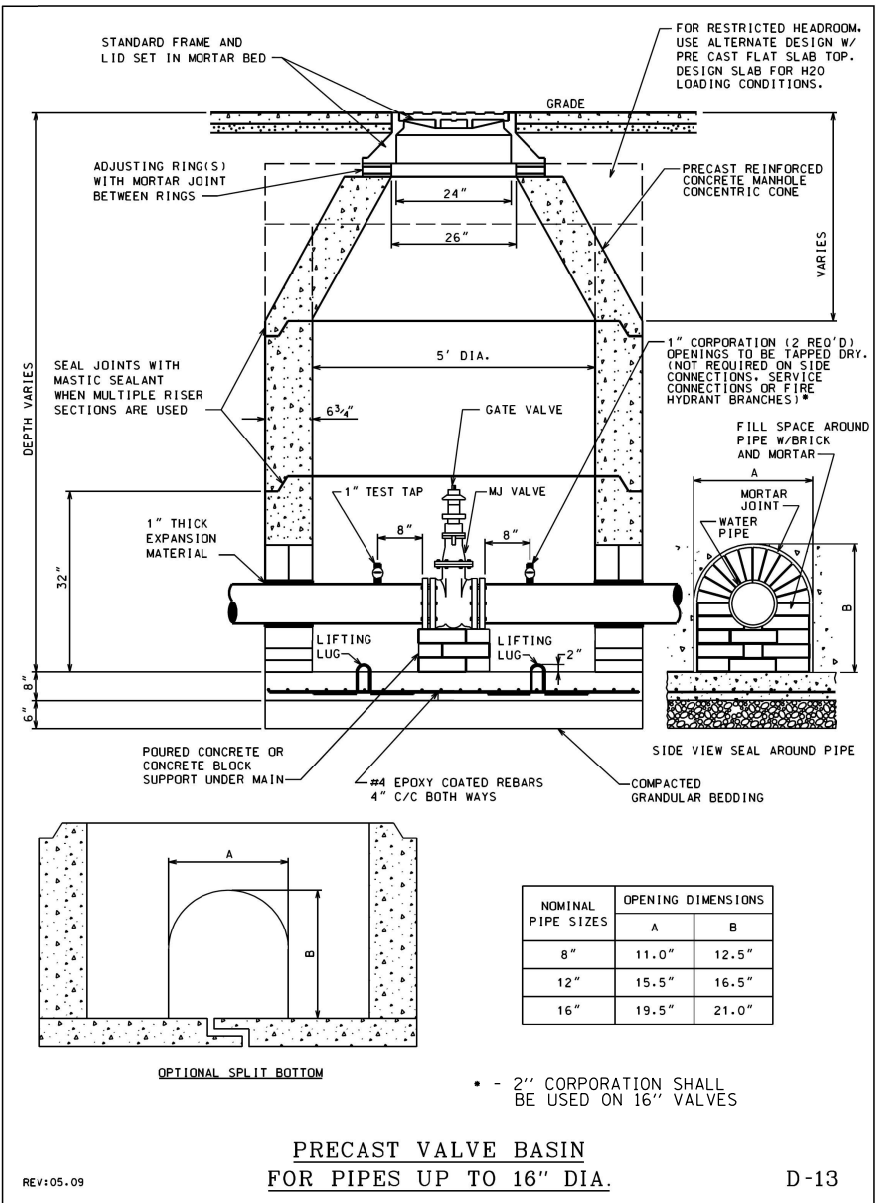
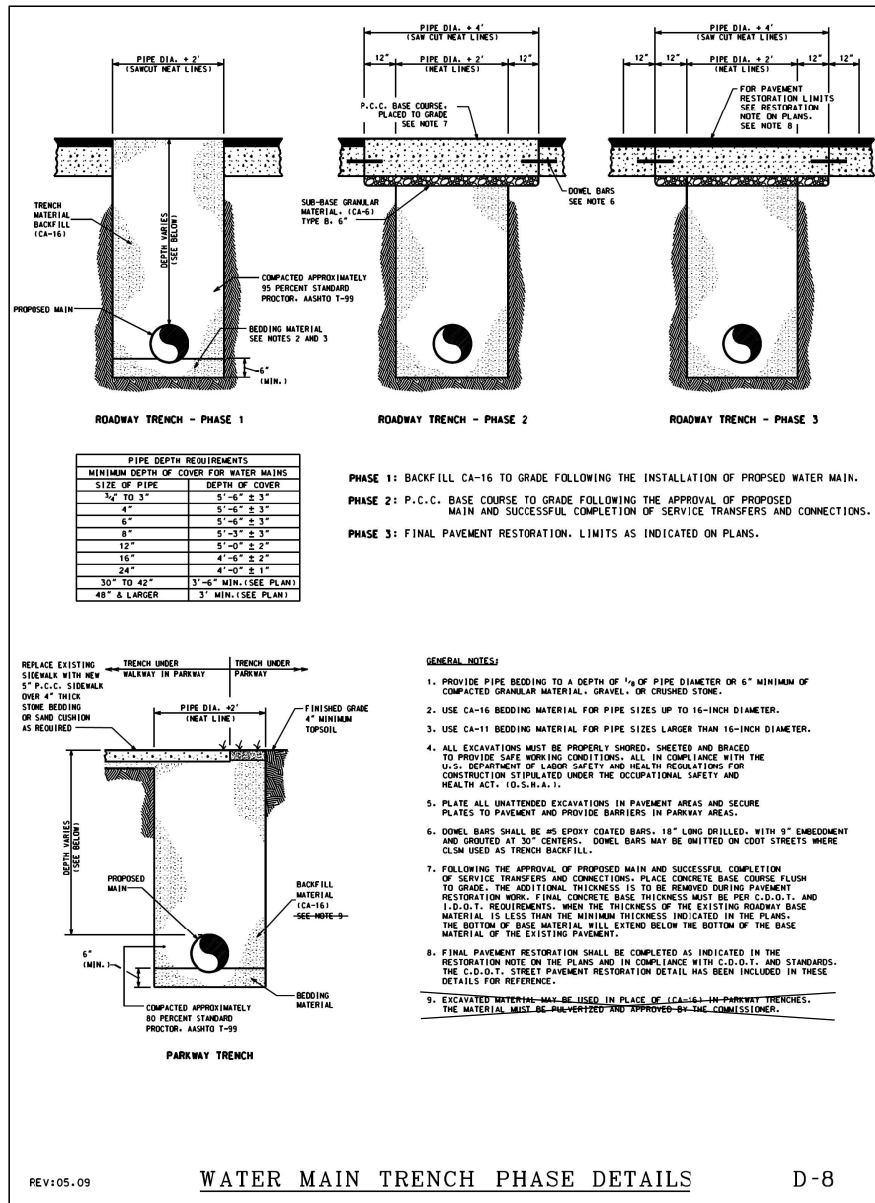
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

WATERMAIN REPLACEMENT PLAN

SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	87
CONTRACT NO. 60W25				
ILLINOIS FED. AID PROJECT				

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D:\60W25-sht-WM-02.dgn
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 PLOT SCALE = 1:8000 / 1" = 80'
 PLOT DATE = 5/14/2013

DESIGNED - HHC
 DRAWN - HHC
 CHECKED - RBB
 DATE - 5/14/2013

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

WATERMAIN REPLACEMENT DETAILS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	88
CONTRACT NO. 60W25				
ILLINOIS FED. AID PROJECT				

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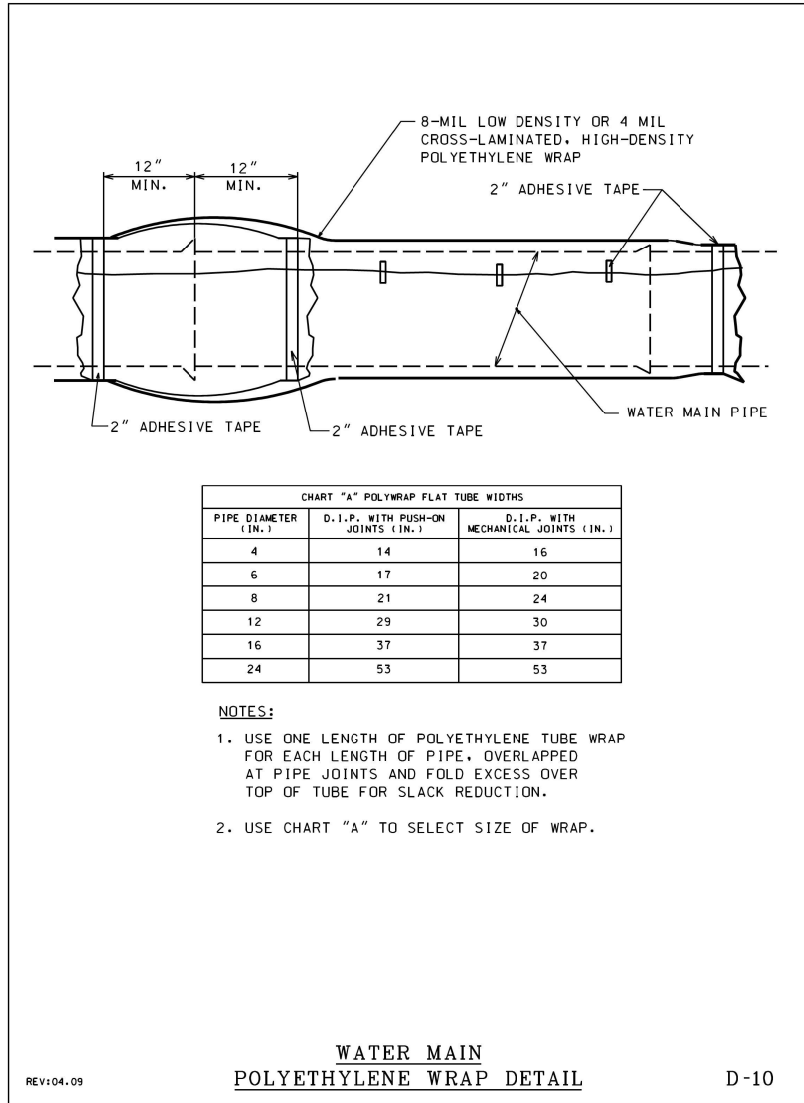


CHART "A" POLYWRAP FLAT TUBE WIDTHS		
PIPE DIAMETER (IN.)	D.I.P. WITH PUSH-ON JOINTS (IN.)	D.I.P. WITH MECHANICAL JOINTS (IN.)
4	14	16
6	17	20
8	21	24
12	29	30
16	37	37
24	53	53

NOTES:

1. USE ONE LENGTH OF POLYETHYLENE TUBE WRAP FOR EACH LENGTH OF PIPE, OVERLAPPED AT PIPE JOINTS AND FOLD EXCESS OVER TOP OF TUBE FOR SLACK REDUCTION.
2. USE CHART "A" TO SELECT SIZE OF WRAP.

**WATER MAIN
POLYETHYLENE WRAP DETAIL**

REV:04.09

D-10



DI60W25-sht-WM-03.dgn
 USER NAME = auyeungh
 PLOT SCALE = 1.0000' / 1in.
 PLOT DATE = 5/14/2013

DESIGNED - HHC
 DRAWN - HHC
 CHECKED - RBB
 DATE - 5/14/2013

REVISED -
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 REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

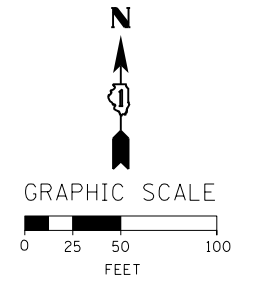
WATERMAIN REPLACEMENT DETAILS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	89
CONTRACT NO. 60W25				
ILLINOIS FED. AID PROJECT				

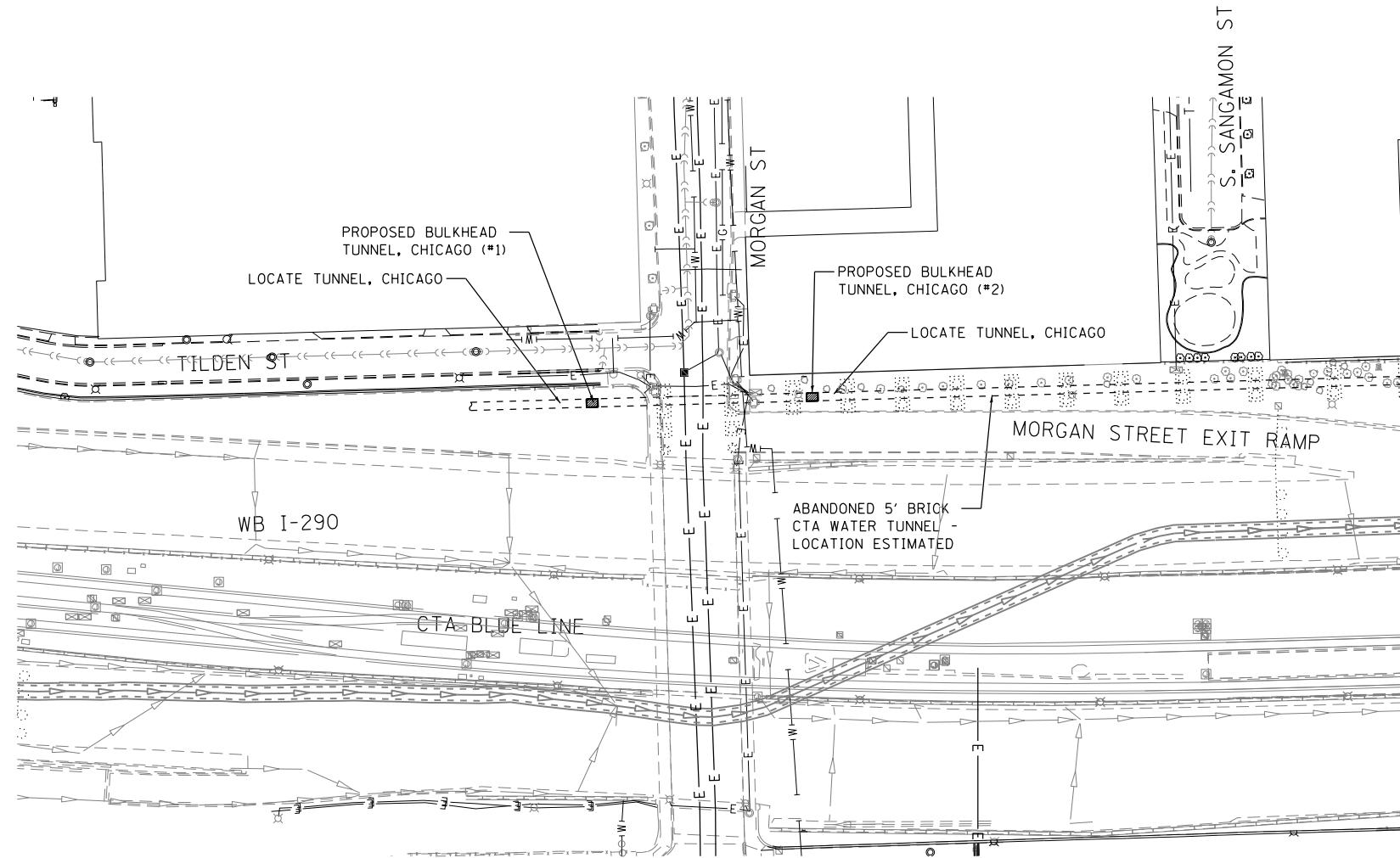
NOTES:

1. BOTH THE TUNNEL AND THE ABANDONED CTA ELEVATED FOUNDATIONS ARE LOCATED BASED UPON RECORD DRAWINGS FROM BRIDGE AND EXPRESSWAY CONSTRUCTION.
2. THE ABANDONED 5' BRICK WATER TUNNEL IS ESTIMATED TO BE BETWEEN 110 AND 120 YEARS OLD AND THE CONDITION IS UNKNOWN. THE TUNNEL HAS NOT BEEN UTILIZED FOR MANY YEARS.
3. BULKHEAD TUNNEL, CHICAGO (*1) AND BULKHEAD TUNNEL, CHICAGO (*2) ARE ANTICIPATED TO REDUCE/ELIMINATE THE FLOW OF WATER INTO THE EXCAVATION FOR THE WATERMAIN AND RISER STRUCTURE. THE TUNNEL MAY HAVE FLOWING GROUNDWATER.
4. THE LOCATE TUNNEL, CHICAGO AND BULKHEAD TUNNEL, CHICAGO ITEMS WILL BE CONSTRUCTED FROM EXISTING GROUND. THE EXISTING GROUND IN THE AREA OF BULKHEAD TUNNEL, CHICAGO (*1) IS NOT LEVEL AND NO GRADING IN THE AREA IS NECESSARY AS PART OF THE PROPOSED IMPROVEMENTS. EXISTING TREES MAY NEED TO BE REMOVED IN ADVANCE OF EXECUTING THE WORK SHOWN ON THIS SHEET.



LEGEND

■ PROPOSED BULKHEAD TUNNEL, CHICAGO



FILE PATH = p:\388035\pmt\escomonline\local\AECOM\Documents\01_Americas\Transportation\6269938_Circle\Phase_1\000_CAD\005_Roadway\Sheets\60W25-sht-Tunnel_Filing



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PLOT DATE = 6/13/2013	DATE - 6/17/2013	REVISED -

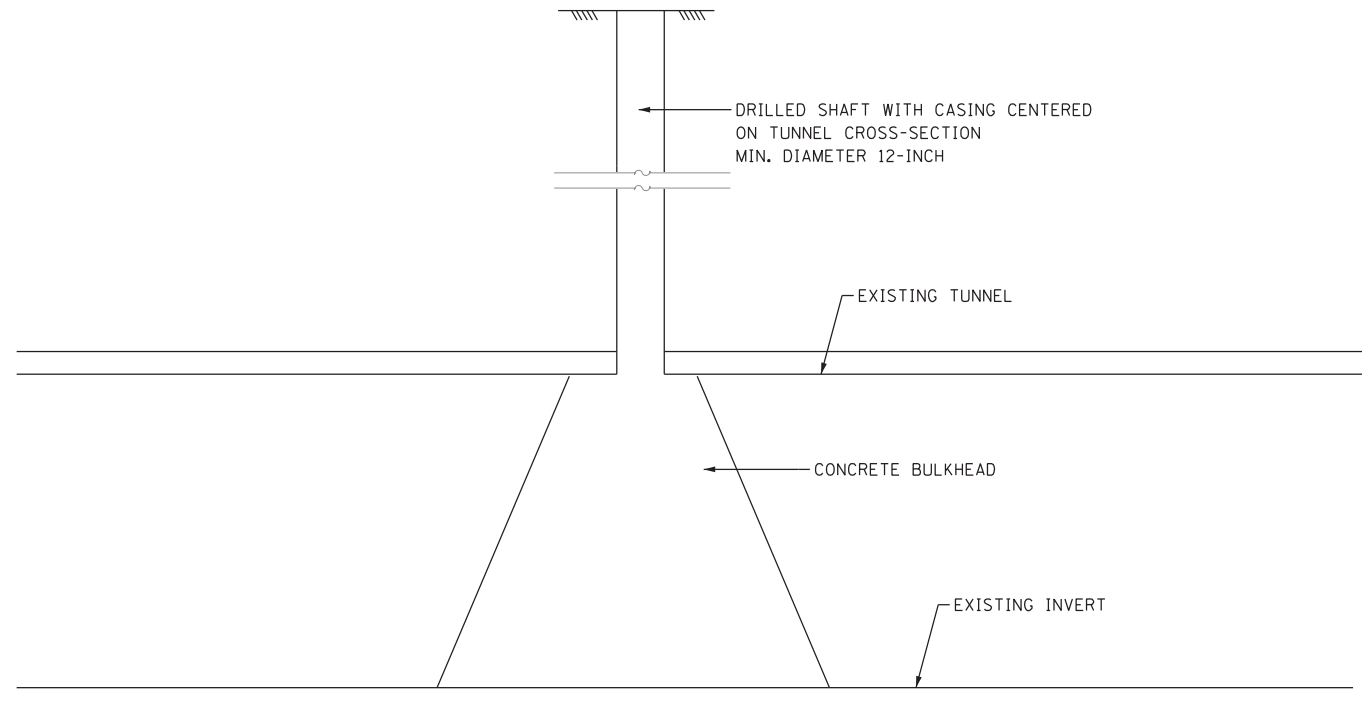
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CHECKED - DBM	REVISED -
DATE - 6/17/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

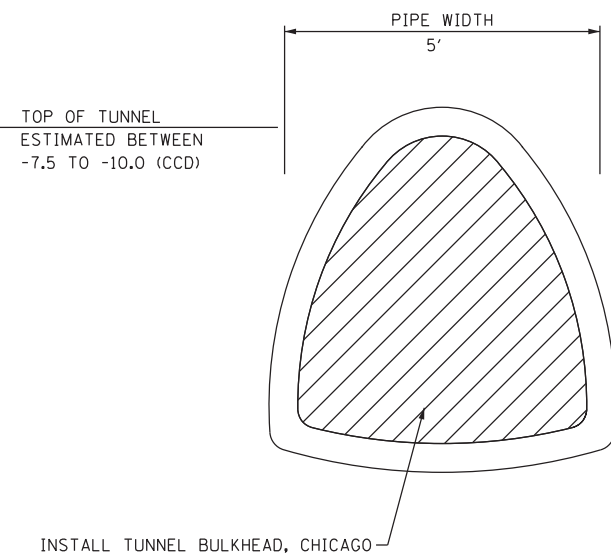
**ABANDONED CTA WATER TUNNEL
BULKHEADING PLAN**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	90
CONTRACT NO. 60W25				
ILLINOIS FED. AID PROJECT				



TYPICAL SECTION
PROPOSED TUNNEL BULKHEAD, CHICAGO



TYPICAL SECTION
EXISTING CTA WATER TUNNEL (SHAPE ESTIMATED)

SCHEDULE OF QUANTITIES

ITEM	UNIT	QUANTITY
LOCATE TUNNEL, CHICAGO	EACH	2
BULKHEAD TUNNEL, CHICAGO	EACH	2

TUNNEL NOTES:

1. THE WATER TUNNEL SHOWN IS FROM IDOT RECORD DRAWINGS FOR ROADWAY AND BRIDGE CONSTRUCTION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ACCURATELY LOCATE THE CROWN OF THE WATER TUNNELS USING PROBE BORINGS AS DESCRIBED IN THE SPECIFICATIONS. THIS WORK IS INCLUDED IN THE ITEM LOCATE TUNNEL. THE METHOD OF LOCATING THE TUNNEL IS BASED UPON CDWM REQUIREMENTS FOR LOCATING TUNNELS.
2. THE EXISTING WATER TUNNEL IS ABANDONED WITH PREVIOUS BULKHEADS CONSTRUCTED NEAR HALSTED STREET AND TO THE EAST, ALONG WITH PORTIONS OF THE TUNNEL PREVIOUSLY FILLED. THE TUNNEL IS EXPECTED TO HAVE NOMINAL AMOUNTS OF WATER DUE TO INFILTRATION, WHICH MAY CONTRIBUTE TO SIGNIFICANT FLOWS DEPENDING ON GROUNDWATER CONDITIONS.
3. THE CONTRACTOR SHALL PROVIDE DEWATERING AS NEEDED IN THE EXISTING WATER TUNNEL. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT INCLUDED IN THE COST OF TUNNEL BULKHEAD, CHICAGO.
4. OBTAIN TWO CORE SAMPLES PER BULKHEAD, ONE (1) AT THE 10 AND ONE (1) AT THE 4 O'CLOCK POSITIONS OR ONE (1) AT THE 2 AND ONE (1) AT THE 8 O'CLOCK POSITIONS FOR COMPRESSION STRENGTH TESTING.
5. AFTER THE INSPECTION OF ALL BULKHEADS, THE TUNNEL MUST EXCAVATED IN ORDER TO BUILD THE TEMPORARY EARTH RETENTION SYSTEM AND THE WATER MAIN RISER SHAFT. THE EXCAVATION SHALL NOT DAMAGE OR DISLODGE THE BULKHEADS.
6. AFTER COMPLETION OF THE INSTALLATION OF THE WEST LOCATION FOR TUNNEL BULKHEAD, CHICAGO, THE CONTRACTOR SHALL RESTORE ANY DAMAGED PARKWAY, PAVEMENT OR SIDEWALK TO ITS CONDITION PRIOR TO THE START OF OPERATIONS. ALL EXCESS CONCRETE OR GROUT SHALL BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.

FILE PATH = par\388039-par\mt\ecommon\me\local\p\AEC\000\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\1\000_CAD\005_Roadway\Sheets\60W25_Contract\0160W25-sht-Tunnel_Details



DI60W25-sht-Tunnel_Details
USER NAME = chitua
PLOT SCALE = 50.0000' / in.
PLOT DATE = 6/14/2013

DESIGNED - MSC
DRAWN - MSC
CHECKED - DBM
DATE - 6/17/2013

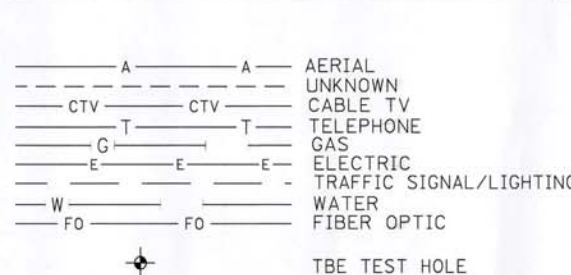
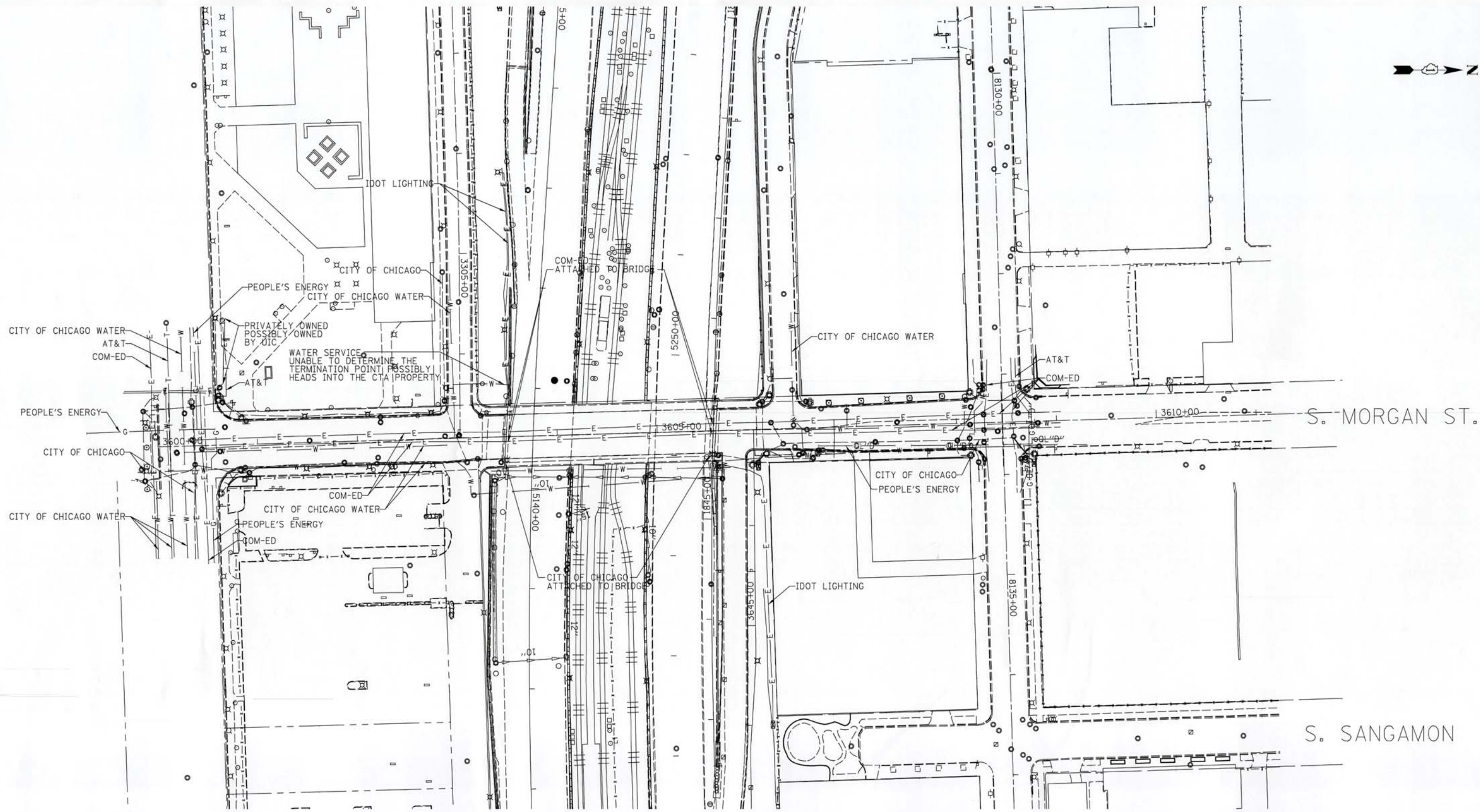
REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ABANDONED CTA WATER TUNNEL
BULKHEADING DETAILS**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	91
CONTRACT NO. 60W25			ILLINOIS FED. AID PROJECT	



UTILITY OWNERS	
AT&T = TELEPHONE	
COM-ED = ELECTRIC	
CITY OF CHICAGO = ELECTRIC	
CITY OF CHICAGO WATER = WATER	
IDOT LIGHTING = ELECTRIC	
LEVEL 3 = FIBER OPTIC	
PEOPLE'S ENERGY = GAS	

Utilities shown on these plans as depicted in the legend have been investigated by Cardno TBE in accordance with SUE Industry Standards. All other information shown has been provided to Cardno TBE by others. Cardno TBE's SUE field investigation was performed 3/14/13 through 4/05/13. Changes to utilities after 4/05/13 may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.

ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.



Utility Quality Level "A": Visually Verified Test Hole
 Utility Quality Level "B": Designating/non Visually Verified Test Hole
 Utility Quality Level "C": Research with Survey
 Utility Quality Level "D": Records Research

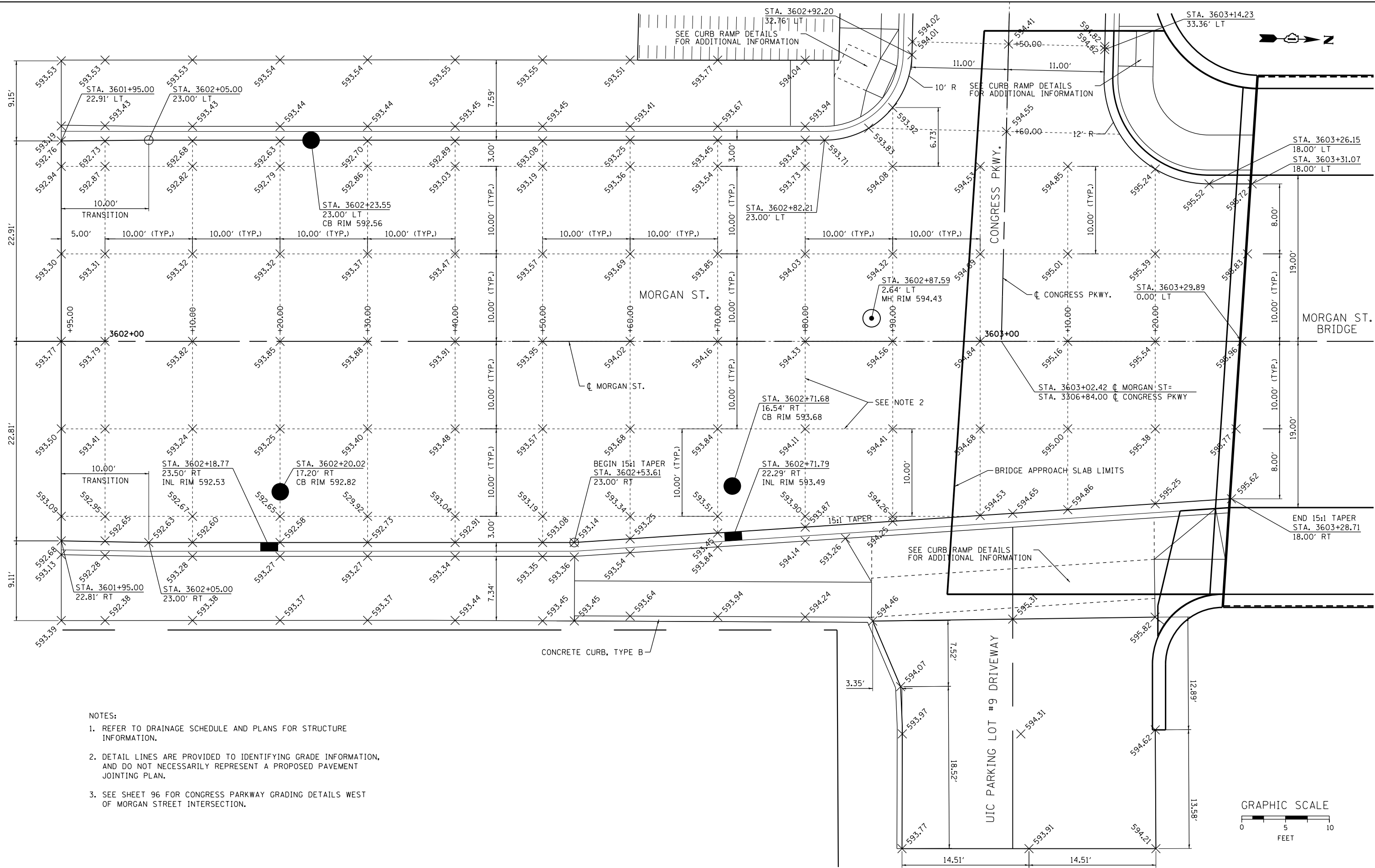
DESIGNED	EG	REVISED
DRAWN	SRK	REVISED
CHECKED	KFS	REVISED
DATE	5/03/13	REVISED

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

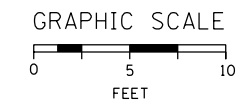
I-941-901-290 (Circle Interchange)
 Chicago, Illinois

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	N/A	Cook	317	92
Contract No. 60W25				
FED. ROAD DIST. NO. - ILLINOIS IDOT Project No. P-91-259-12				

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- NOTES:
- REFER TO DRAINAGE SCHEDULE AND PLANS FOR STRUCTURE INFORMATION.
 - DETAIL LINES ARE PROVIDED TO IDENTIFYING GRADE INFORMATION, AND DO NOT NECESSARILY REPRESENT A PROPOSED PAVEMENT JOINTING PLAN.
 - SEE SHEET 96 FOR CONGRESS PARKWAY GRADING DETAILS WEST OF MORGAN STREET INTERSECTION.



D160W25-sht-Intersec-01
 USER NAME = CzosnykoB
 PLOT SCALE = 5.0000' / in.
 PLOT DATE = 5/11/2013

DESIGNED - BMC
 DRAWN - BMC
 CHECKED - AFC
 DATE - 5/14/2013

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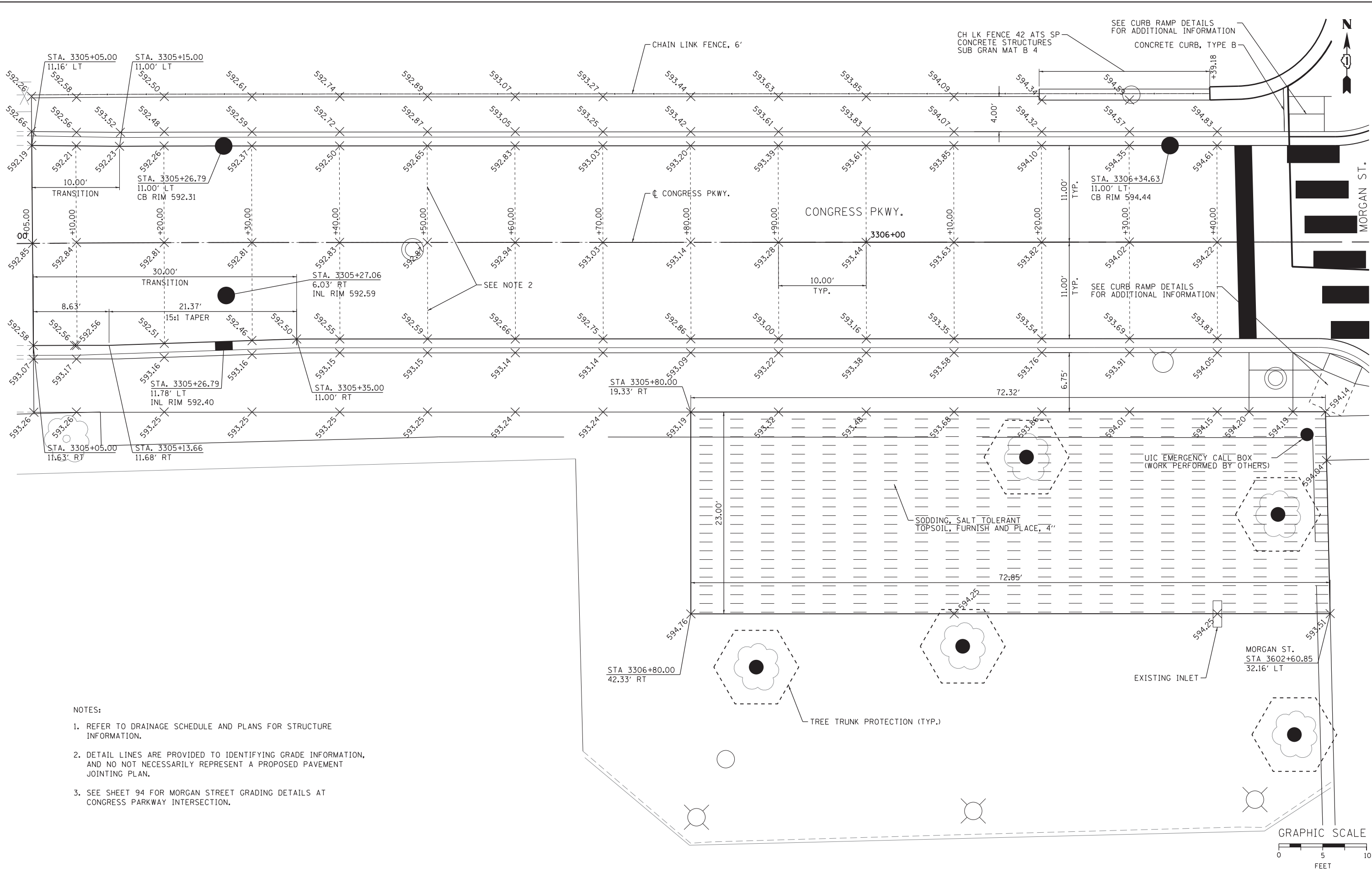
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

INTERSECTION AND GRADING DETAILS
 MORGAN STREET AND CONGRESS PARKWAY

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

F.A.I. RTE. 90/94/290	SECTION 2013-007R	COUNTY COOK	TOTAL SHEETS 317	SHEET NO. 93
CONTRACT NO. 60W25				
ILLINOIS FED. AID PROJECT				

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- NOTES:
1. REFER TO DRAINAGE SCHEDULE AND PLANS FOR STRUCTURE INFORMATION.
 2. DETAIL LINES ARE PROVIDED TO IDENTIFYING GRADE INFORMATION, AND DO NOT NECESSARILY REPRESENT A PROPOSED PAVEMENT JOINTING PLAN.
 3. SEE SHEET 94 FOR MORGAN STREET GRADING DETAILS AT CONGRESS PARKWAY INTERSECTION.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION AND GRADING DETAILS
MORGAN STREET AND CONGRESS PARKWAY**

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

F.A.I. R.E. 90/94/290	SECTION 2013-007R	COUNTY COOK	TOTAL SHEETS 317	SHEET NO. 95
CONTRACT NO. 60W25				
ILLINOIS FED. AID PROJECT				

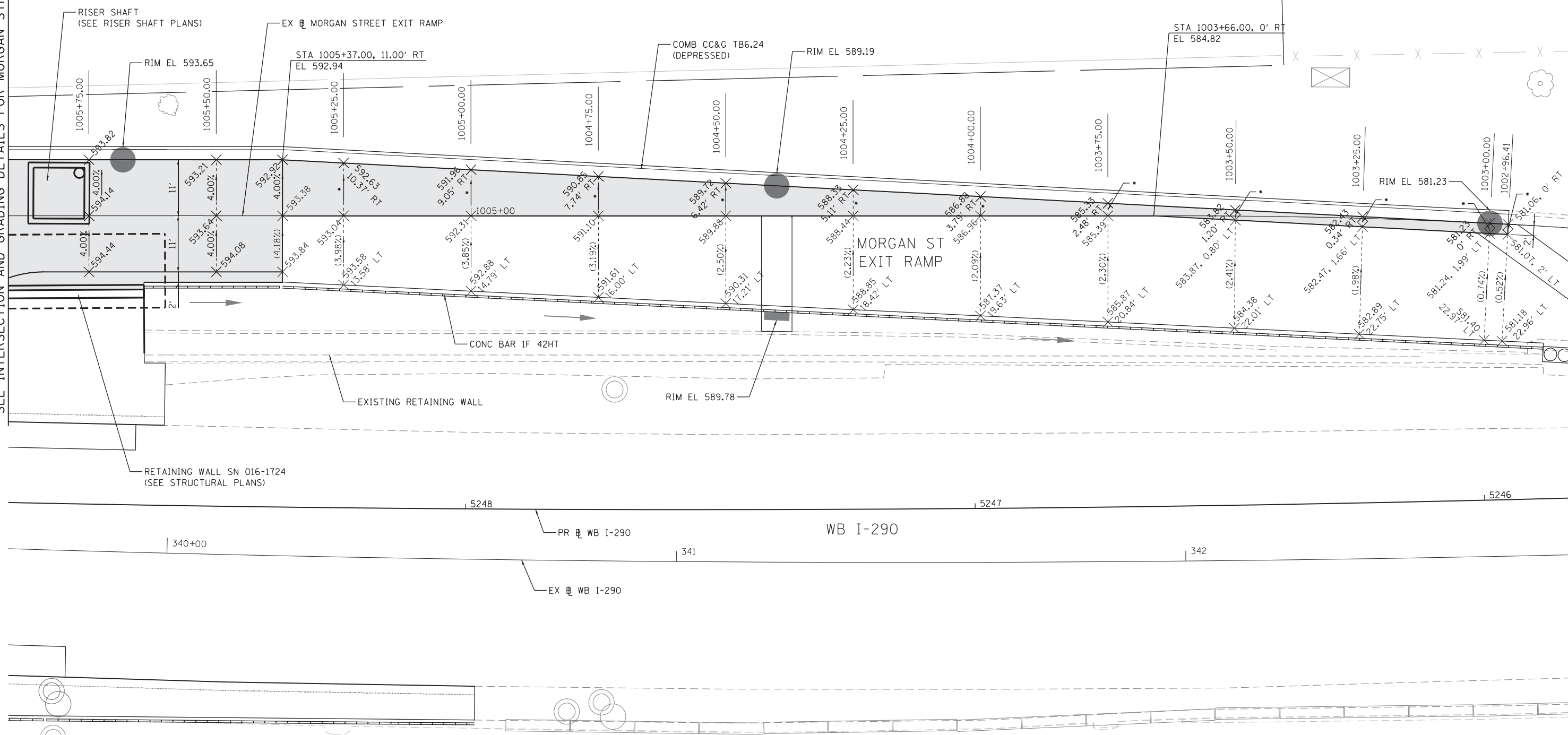


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PLOT DATE = 6/13/2013

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DRAWN - AFC	REVISED -
CHECKED - OS	REVISED -
DATE - 6/17/2013	REVISED -



SEE INTERSECTION AND GRADING DETAILS FOR MORGAN STREET



LEGEND

- TEMPORARY PAVEMENT
- MATCH EXISTING RAMP CROSS SLOPE FOR PR. WIDENING

GRAPHIC SCALE

0 10 20 FEET

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DI60W25-sht-Intersec-04
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 PLOT SCALE = 10.0000 "/in.
 PLOT DATE = 6/15/2013

DESIGNED - AFC
 DRAWN - AFC
 CHECKED - DBM
 DATE - 6/17/2013

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

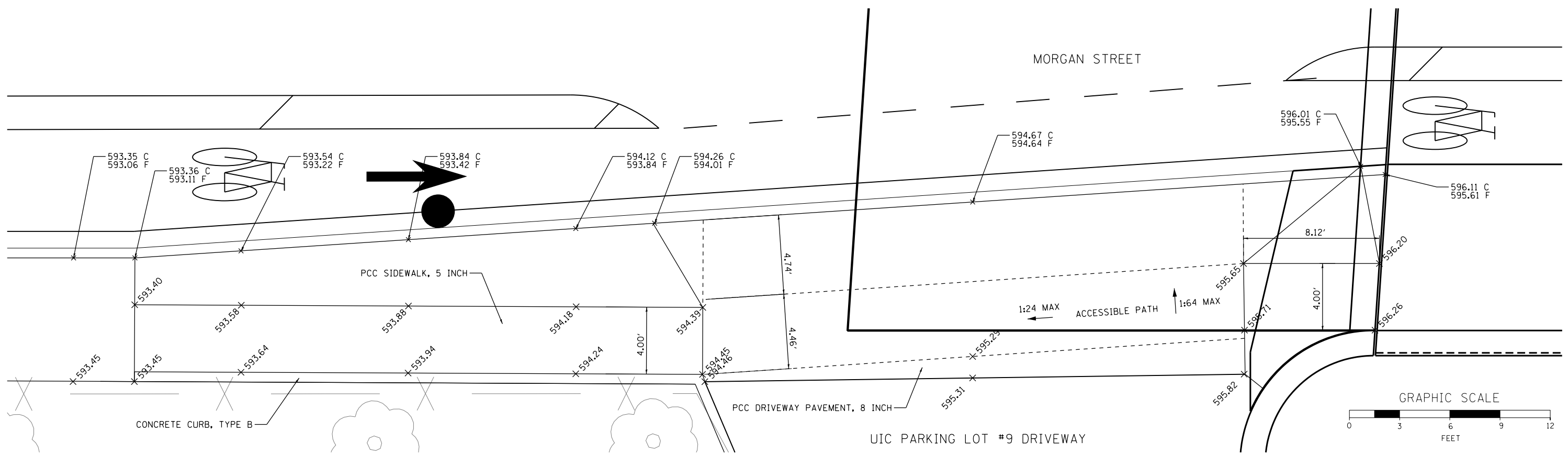
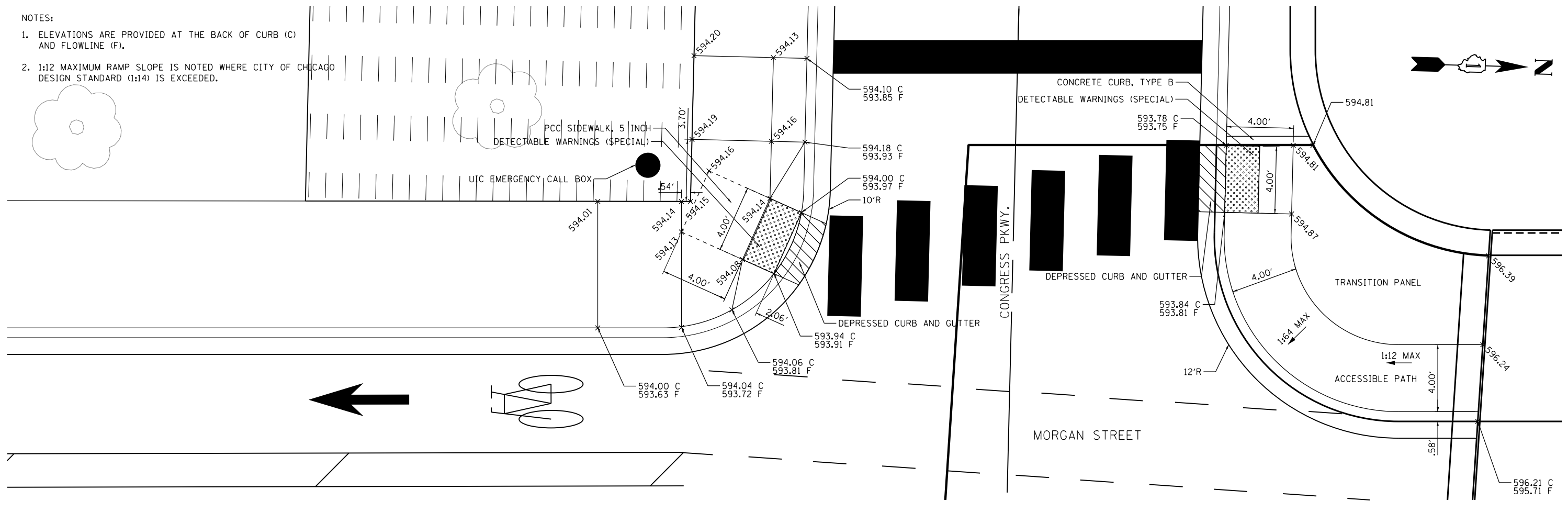
**INTERSECTION AND GRADING DETAILS
 MORGAN STREET EXIT RAMP**

SCALE: 1" = 10' SHEET 3A OF 3A SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-007R	COUNTY COOK	TOTAL SHEETS 317	SHEET NO. 95A
CONTRACT NO. 60W25			ILLINOIS FED. AID PROJECT	

NOTES:

- ELEVATIONS ARE PROVIDED AT THE BACK OF CURB (C) AND FLOWLINE (F).
- 1:12 MAXIMUM RAMP SLOPE IS NOTED WHERE CITY OF CHICAGO DESIGN STANDARD (1:14) IS EXCEEDED.



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DI60W25-sht-ADA-01
 USER NAME = CzosnykoB
 PLOT SCALE = 3.0000' / in.
 PLOT DATE = 5/15/2013

DESIGNED - BMC	REVISED -
DRAWN - BMC	REVISED -
CHECKED - AFC	REVISED -
DATE - 5/14/2013	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

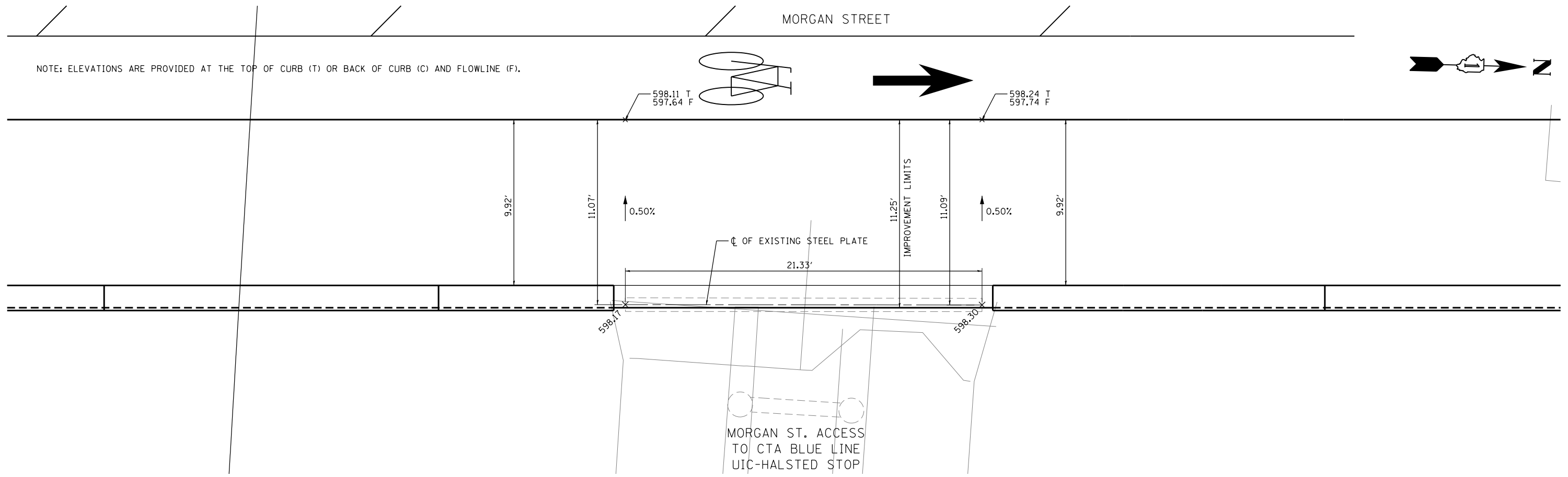
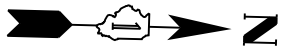
CURB RAMP DETAILS
MORGAN STREET AT CONGRESS PARKWAY
MORGAN STREET AT UIC PARKING LOT #9 DRIVEWAY

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

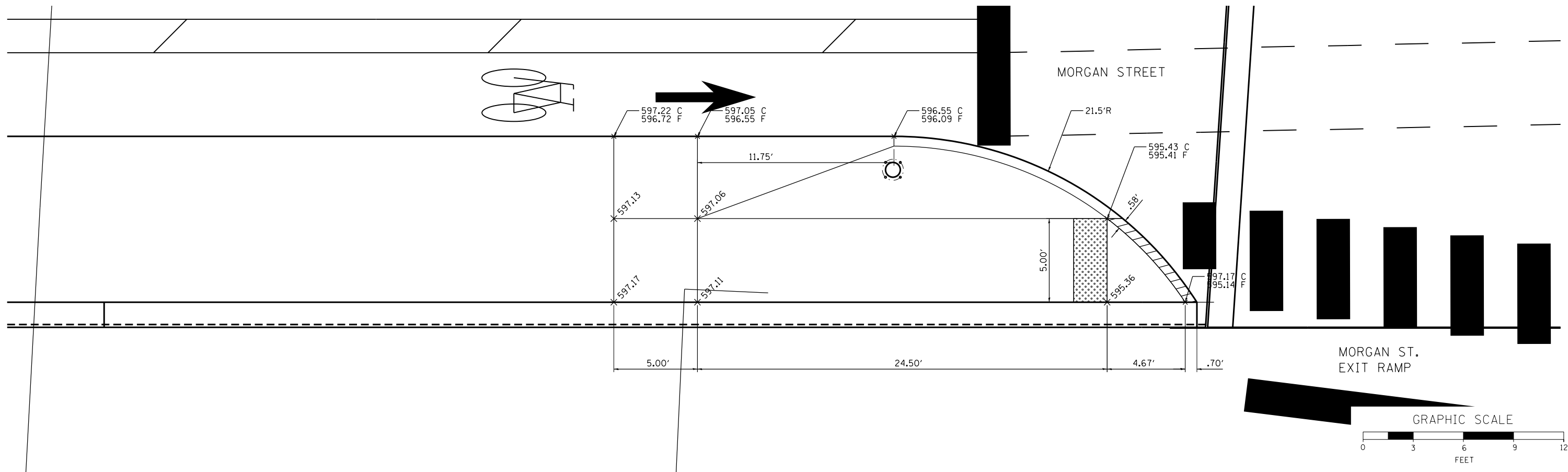
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90/94/290	2013-007R	COOK	317	96
CONTRACT NO. 60W25				
ILLINOIS FED. AID PROJECT				

NOTE: ELEVATIONS ARE PROVIDED AT THE TOP OF CURB (T) OR BACK OF CURB (C) AND FLOWLINE (F).

MORGAN STREET



MORGAN STREET



MORGAN ST. EXIT RAMP

GRAPHIC SCALE



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 PLOT DATE = 5/15/2013

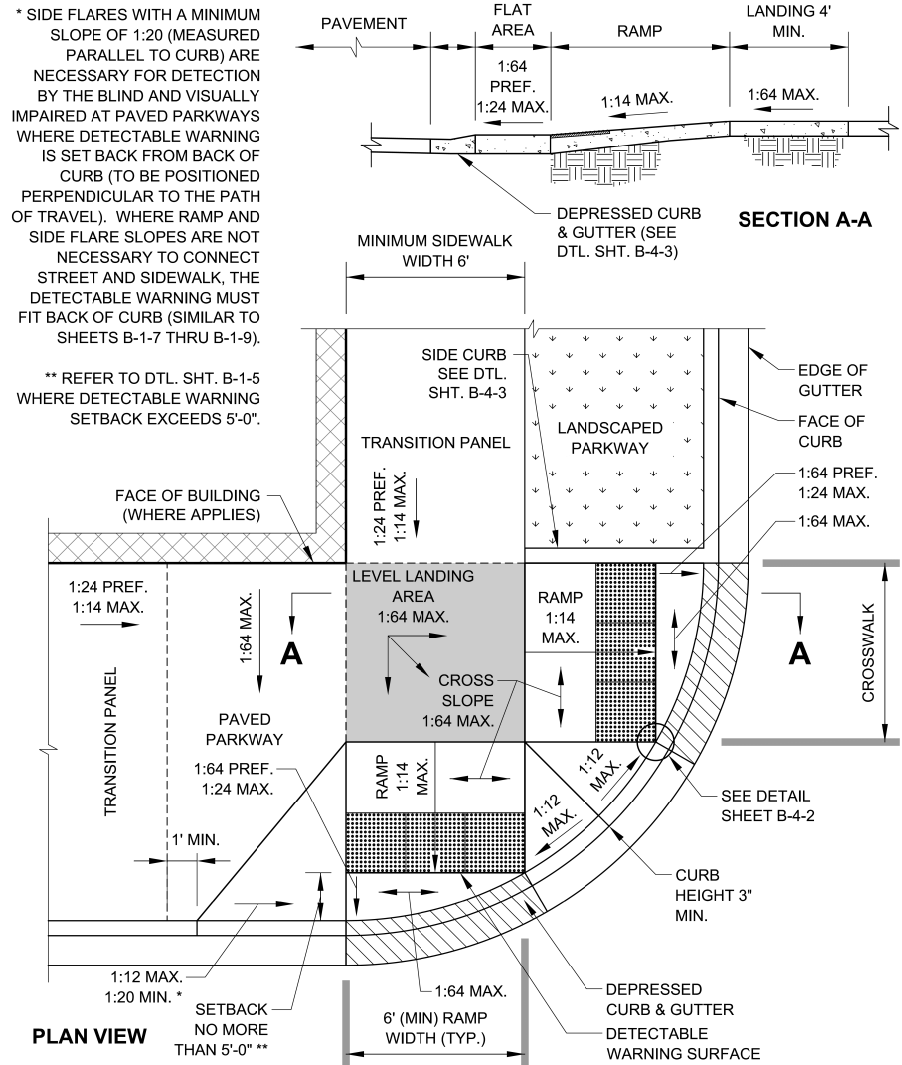
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DRAWN -	BMC	REVISED -	
CHECKED -	AFC	REVISED -	
DATE -	5/14/2013	REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
 MORGAN STREET AT CTA BLUE LINE
 MORGAN STREET AT MORGAN STREET EXIT RAMP (SE)

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

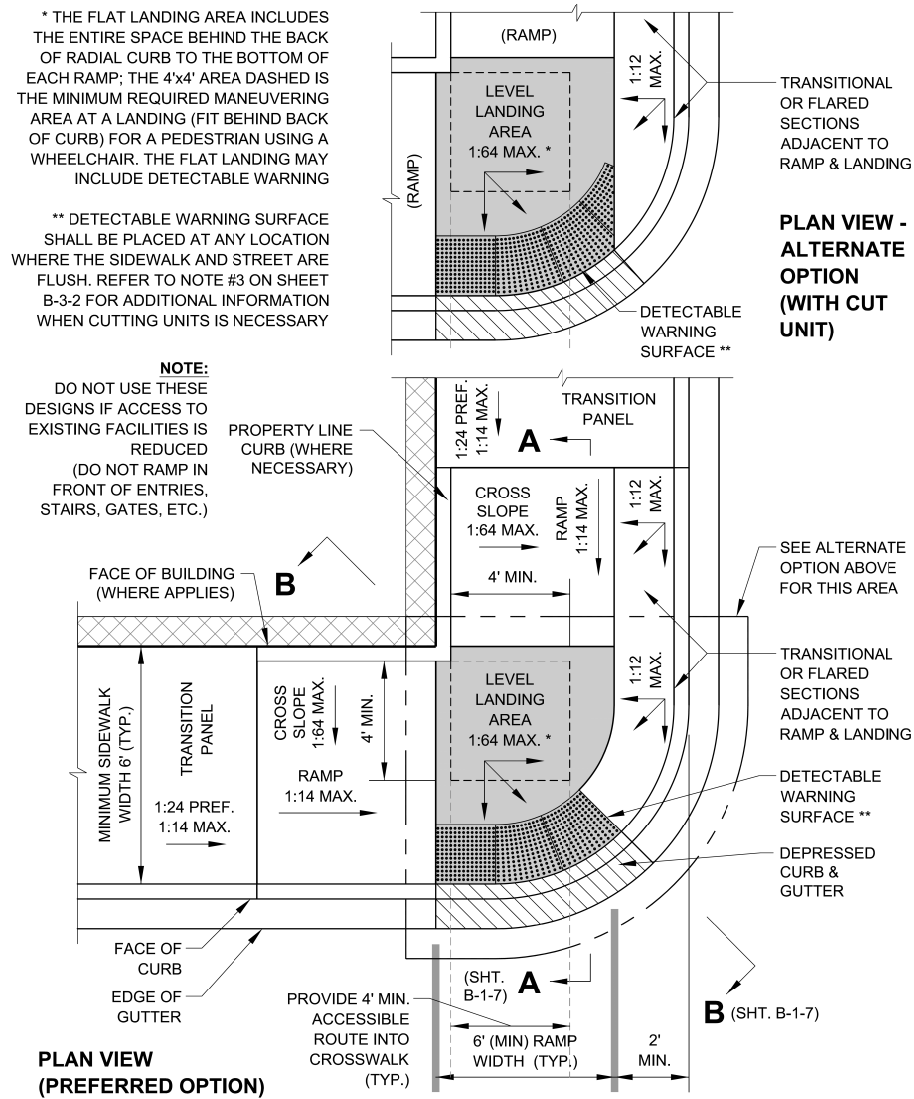
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	97
CONTRACT NO. 60W25				
ILLINOIS FED. AID PROJECT				



DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4
08/10/12	REVISION 5

CITY OF CHICAGO
2 PERPENDICULAR RAMPS AT CORNER
WITH RAMPS IN CURB RADIUS
SHEET B-1-3

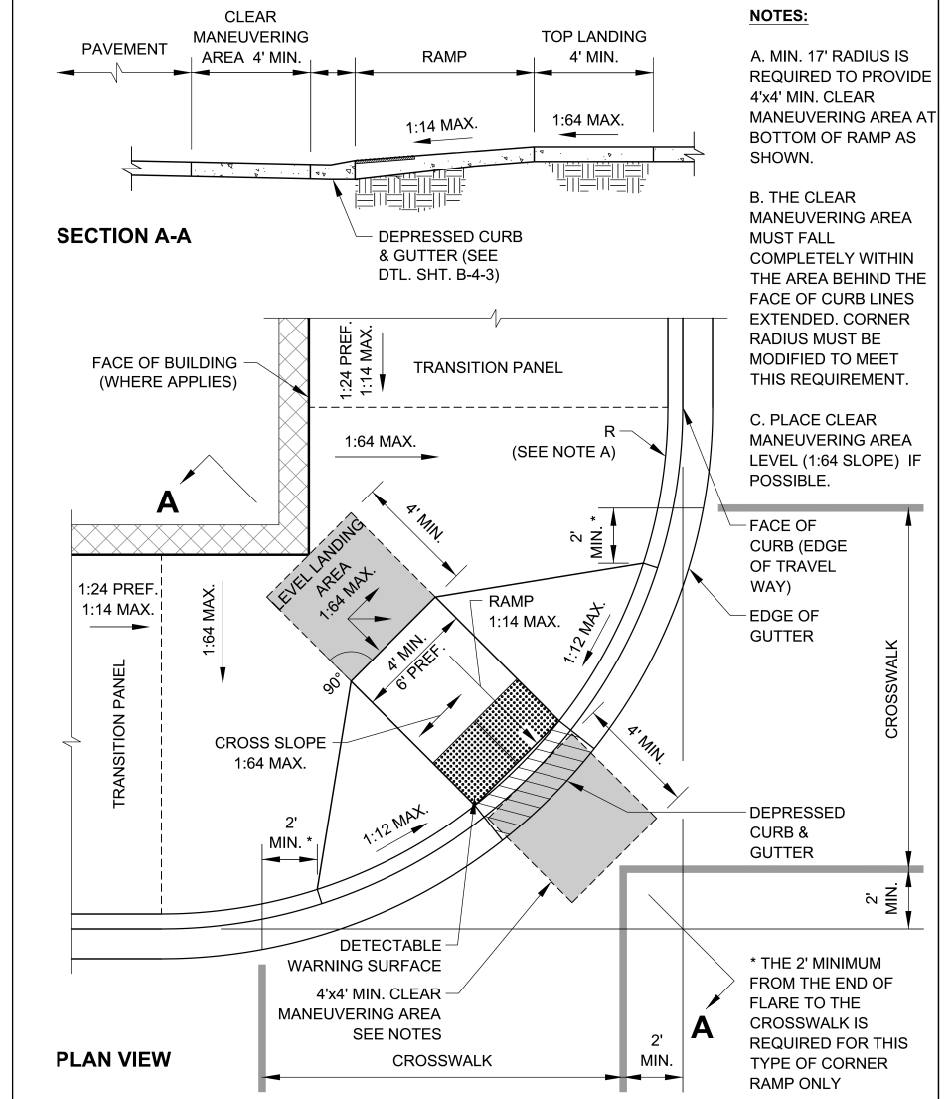
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DRAWN BY: CDOT
CHECKED BY: LCM



DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4
08/10/12	REVISION 5

CITY OF CHICAGO
BLENDED TRANSITION AT CORNER
WITH SINGLE CROSSING
SHEET B-1-8

SCALE: NOT TO SCALE
DATE: 10/23/2006
DRAWN BY: CDOT
CHECKED BY: LCM



DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4
08/10/12	REVISION 5

CITY OF CHICAGO
SHARED (DIAGONAL) PERPENDICULAR RAMP
AT CORNER
SHEET B-1-10

SCALE: NOT TO SCALE
DATE: 10/23/2006
DRAWN BY: CDOT
CHECKED BY: LCM

- NOTES:**
- A. MIN. 17' RADIUS IS REQUIRED TO PROVIDE 4'x4' MIN. CLEAR MANEUVERING AREA AT BOTTOM OF RAMP AS SHOWN.
 - B. THE CLEAR MANEUVERING AREA MUST FALL COMPLETELY WITHIN THE AREA BEHIND THE FACE OF CURB LINES EXTENDED. CORNER RADIUS MUST BE MODIFIED TO MEET THIS REQUIREMENT.
 - C. PLACE CLEAR MANEUVERING AREA LEVEL (1:64 SLOPE) IF POSSIBLE.

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D160W25-sht-ADA-04.dgn
USER NAME = CzoznykoB
PLOT SCALE = 1:8000 / 1/8"
PLOT DATE = 5/15/2013

DESIGNED - BMC	REVISED -
DRAWN - BMC	REVISED -
CHECKED - AFC	REVISED -
DATE - 5/14/2013	REVISED -

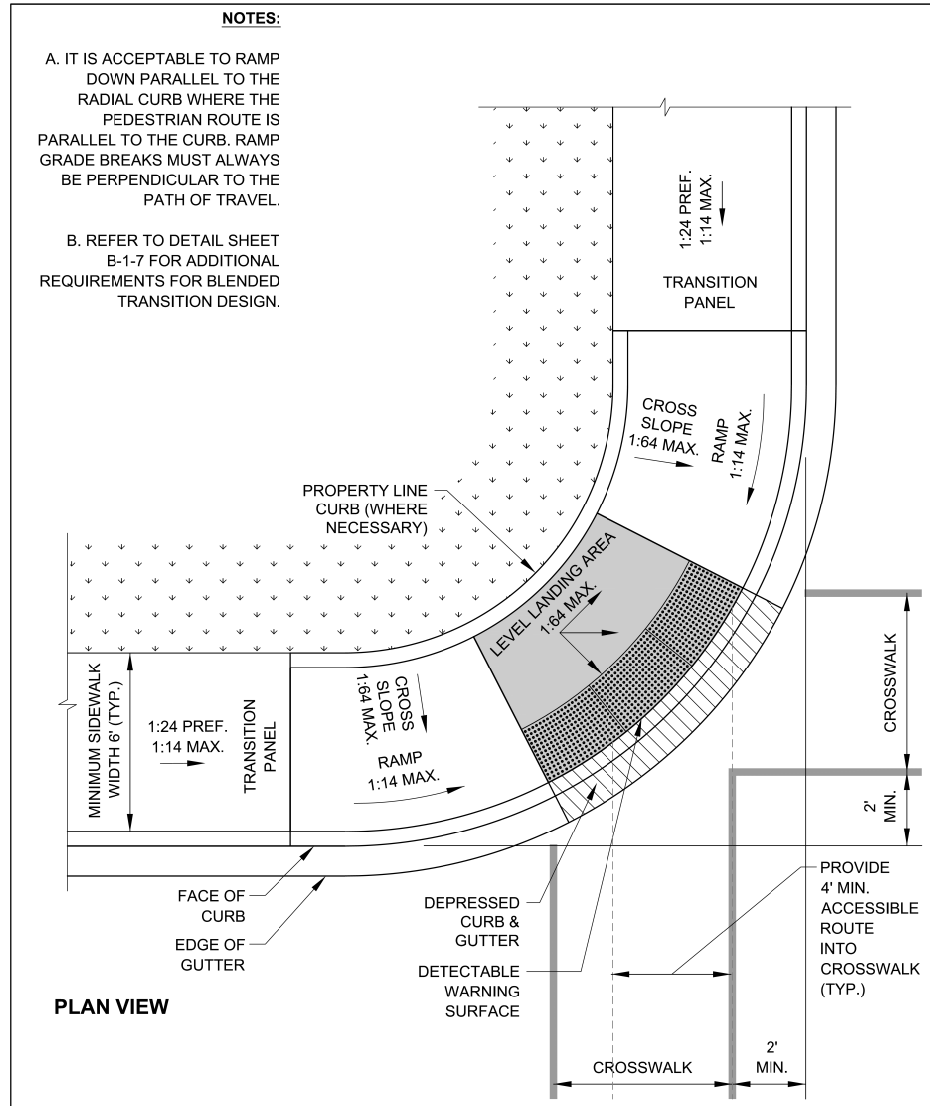
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CITY OF CHICAGO
ADA STANDARDS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	99
CONTRACT NO. 60W25				
ILLINOIS FED. AID PROJECT				

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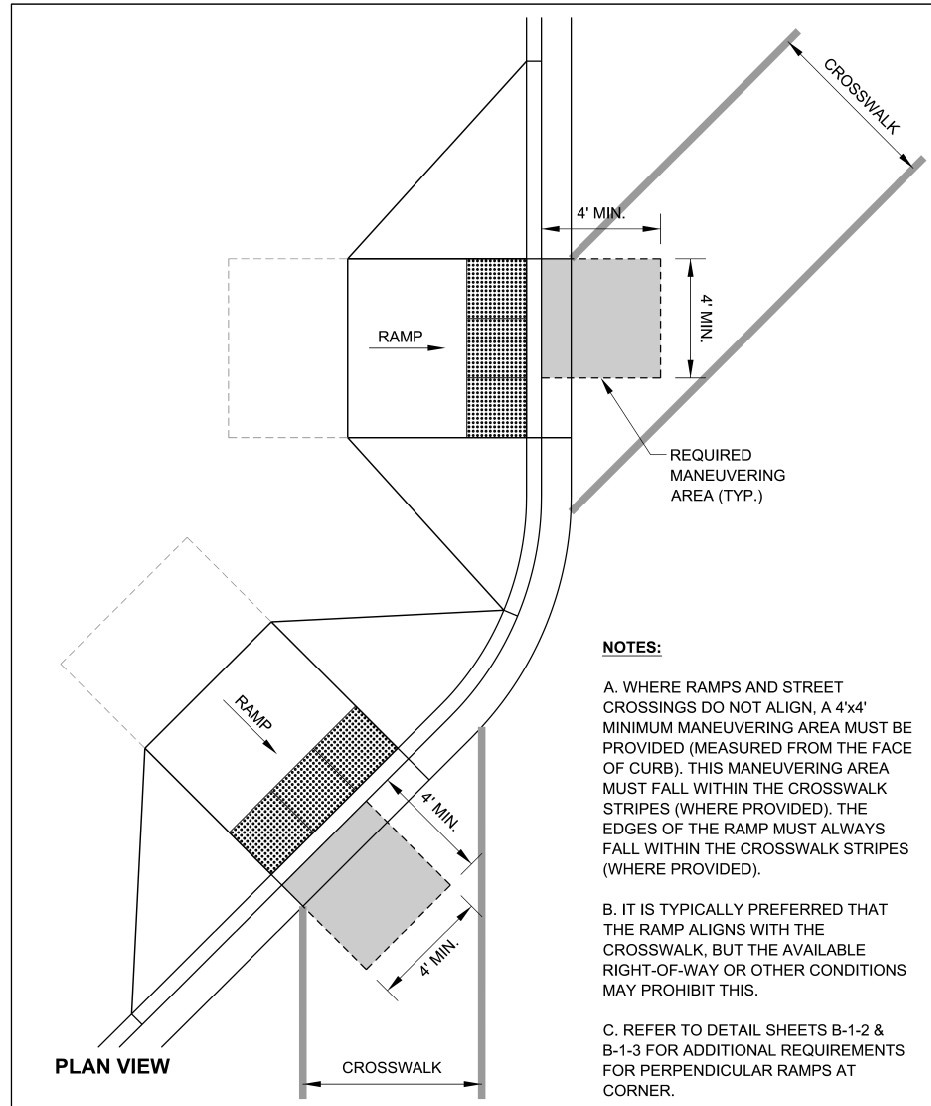
DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4
08/10/12	REVISION 5

CITY OF CHICAGO
 RALPH EMMANUEL, Mayor
 Department of Transportation
 Division of Engineering
 www.cityofchicago.org

SCALE: NOT TO SCALE
 DATE: 10/23/2006

CITY OF CHICAGO
 BLENDED TRANSITION AT CORNER WITH
 LARGE CURB RADIUS
SHEET B-1-13

DRAWN BY: CDOT
 CHECKED BY: LCM



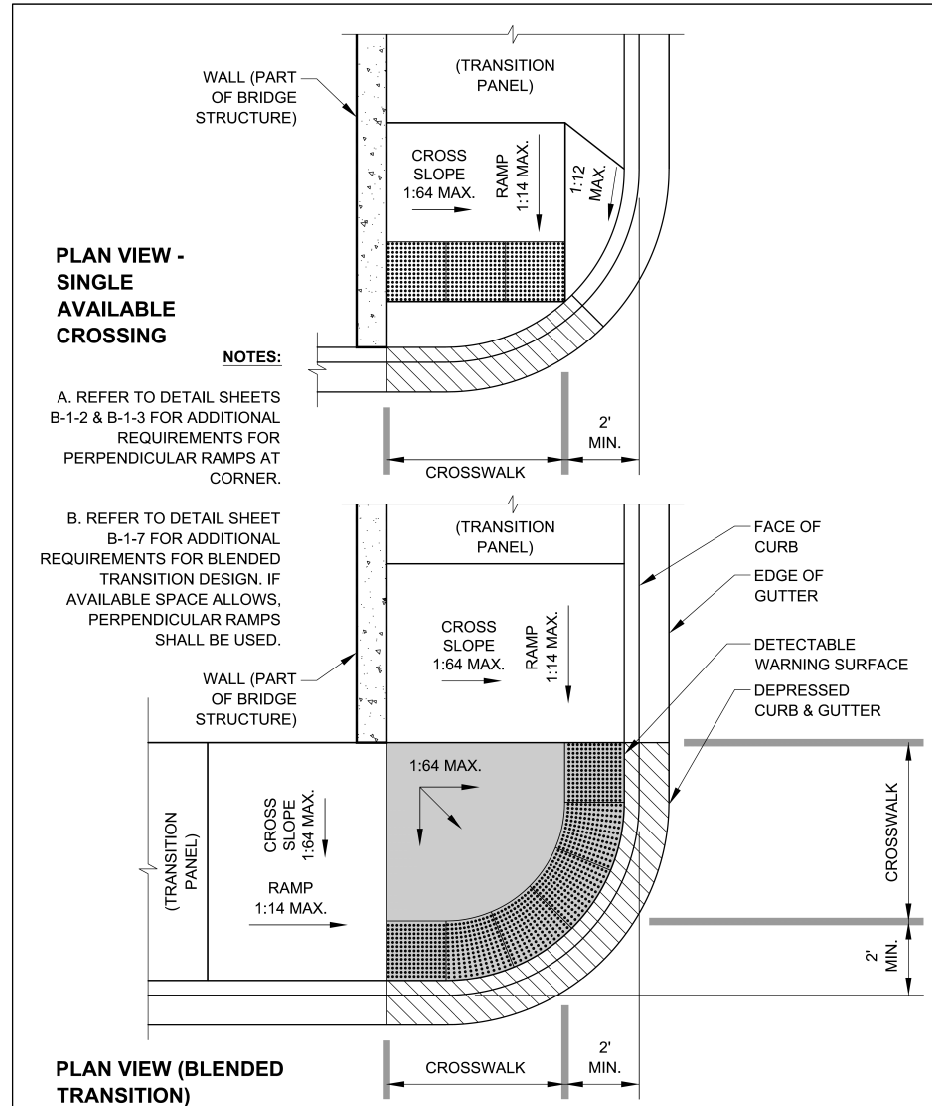
DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4
08/10/12	REVISION 5

CITY OF CHICAGO
 RALPH EMMANUEL, Mayor
 Department of Transportation
 Division of Engineering
 www.cityofchicago.org

SCALE: NOT TO SCALE
 DATE: 10/23/2006

CITY OF CHICAGO
 RAMP THAT DO NOT ALIGN WITH CROSSWALK
SHEET B-1-14

DRAWN BY: CDOT
 CHECKED BY: LCM



DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4
08/10/12	REVISION 5

CITY OF CHICAGO
 RALPH EMMANUEL, Mayor
 Department of Transportation
 Division of Engineering
 www.cityofchicago.org

SCALE: NOT TO SCALE
 DATE: 10/23/2006

CITY OF CHICAGO
 ON-GRADE RAMP AT BRIDGE OR OVERPASS
SHEET B-1-21

DRAWN BY: CDOT
 CHECKED BY: LCM



D160W25-sht-ADA-05
 USER NAME = CzoznykoB
 PLOT SCALE = 1:8000 / 1" = 100'
 PLOT DATE = 5/15/2013

DESIGNED - BMC	REVISED -
DRAWN - BMC	REVISED -
CHECKED - AFC	REVISED -
DATE - 5/14/2013	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CITY OF CHICAGO
 ADA STANDARDS

SCALE: N.T.S. SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-007R	COUNTY COOK	TOTAL SHEETS 317	SHEET NO. 100
CONTRACT NO. 60W25				ILLINOIS FED. AID PROJECT