

004

FOR INDEX OF SHEETS AND STANDARDS SEE SHEETS NO. 3 AND 4

**DESIGN DESIGNATIONS:**

EB I-290	109,000(2040) INTERSTATE
WB I-290	31,000(2040) INTERSTATE
EB CONGRESS PARKWAY	33,000(2040) INTERSTATE
WB CONGRESS PARKWAY	31,000(2040) INTERSTATE
ES RAMP	43,000(2040) INTERSTATE
EN RAMP	31,000(2040) INTERSTATE
EB TAYLOR STREET EXIT RAMP	2,000(2040) INTERSTATE
SB TAYLOR STREET EXIT RAMP	8,000(2040) INTERSTATE
SB I-90/94	98,000(2040) INTERSTATE
NB I-90/94	81,000(2040) INTERSTATE
SE RAMP	9,000(2040) INTERSTATE
WS RAMP	8,000(2040) INTERSTATE
WN RAMP	9,000(2040) INTERSTATE

**POSTED DESIGN SPEEDS:**

45 /50 MPH
45 /45 MPH
45 /50 MPH
45 /45 MPH
40 /40 MPH
30 /30 MPH
35 /35 MPH
NA /25 MPH
45 /60 MPH
45 /60 MPH
25 /25 MPH
25 /25 MPH
20 /30 MPH

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

\*1972 + 4 = 1976 TOTAL SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1
ILLINOIS			CONTRACT NO. 60X93	

PROJECT LOCATED IN CITY OF CHICAGO

D-91-227-13

**PROPOSED HIGHWAY PLANS**

MISC. INTERCHANGE RAMPS AT VARIOUS LOCATIONS  
FAI ROUTE 90/94 AT I-290/CONGRESS PARKWAY  
(JANE BYRNE INTERCHANGE)  
WB CONGRESS TO SB I-90/94  
WB CONGRESS TO NB I-90/94  
SB I-90/94 TO EB CONGRESS  
SECTION 2014-013R&B-R  
PROJECT: NHPP-VQ14(255)  
BRIDGE REPLACEMENT,  
ROADWAY RECONSTRUCTION,  
LIGHTING AND ITS  
COOK COUNTY  
C-91-273-14

**NPDES PERMIT INFORMATION**

NPDES Disturbed  
Area = 12.79 Acres

Approximate Location of Roadway is :  
Longitude 87° 38' 43.53" W  
Latitude 41° 52' 28.62" N



STATION EQUATION  
SB TAYLOR EXIT RAMP  
STA 7404 + 00.00 BK =  
STA 6404 + 00.00 AH

STATION EQUATION  
RAMP SE  
STA 2401 + 40.00 BK =  
STA 1401 + 40.00 AH

RETAINING WALL 48  
SN 016-1835  
STA 1403 + 78.00 TO  
STA 1404 + 80.58

RAMP WS BRIDGE  
SN 016-1715  
STA 1210 + 40.15 TO  
STA 1229 + 66.00

RAMP SE BRIDGE  
SN 016-1714  
STA 1404 + 80.51 TO  
STA 1412 + 21.28

SB TAYLOR STREET  
EXIT RAMP BRIDGE  
SN 016-1718  
STA 6407 + 67.96 TO  
STA 6409 + 18.85

BEGIN PROJECT LIMIT  
SB TAYLOR EXIT RAMP  
STA 7402 + 00.00  
RAMP SE  
STA 2399 + 53.53

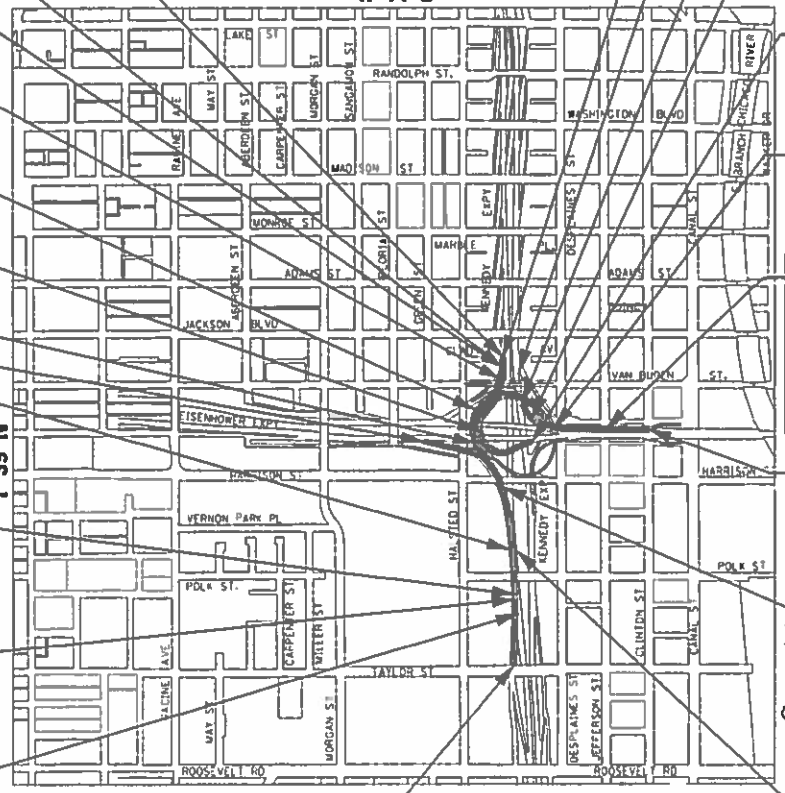
BEGIN PROJECT LIMIT  
RAMP ES  
STA 1507 + 75.00  
EB TAYLOR EXIT RAMP  
STA 7306 + 37.89

END PROJECT LIMIT  
RAMP ES  
STA 1518 + 55.15

END PROJECT LIMIT  
RAMP WS  
STA 1241 + 20.44

END PROJECT LIMIT  
SB TAYLOR EXIT RAMP  
STA 6424 + 10.70

EXISTING RETAINING  
WALL 12  
SN 016-2311  
STA 7316 + 31.15 TO  
STA 7322 + 25.12



LOCATION MAP  
NOT TO SCALE

GROSS LENGTH = 10,534.10 FT. = 1.995 MILES  
NET LENGTH = 10,534.10 FT. = 1.995 MILES

RETAINING WALL 47  
SN 016-1834  
STA 6405 + 49.34 TO  
STA 6407 + 69.43

RETAINING WALL 46  
SN 016-1833  
STA 1105 + 03.64 TO  
STA 1105 + 60.00

END PROJECT LIMIT  
RAMP WN  
STA 1105 + 76.20

RAMP WN BRIDGE  
SN 016-1706  
STA 1103 + 05.18  
TO STA 1105 + 26.72

END PROJECT LIMIT  
RAMP SE  
STA 1412 + 21.28

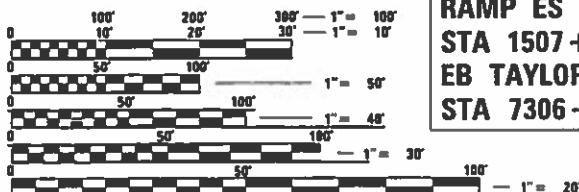
BEGIN PROJECT LIMIT  
RAMP WN STA  
1103 + 05.41

WB I-290 (CONGRESS)  
VIADUCT  
SN 016-0461  
STA 5206 + 58.47 TO  
5212 + 92.32

BEGIN PROJECT LIMIT  
RAMP WS STA  
1210 + 37.67

RETAINING WALL 14  
SN 016-1803  
STA 1229 + 61.00 TO  
STA 1231 + 81.19

RETAINING WALL 16  
SN 016-1805  
STA 7320 + 50.00 TO  
STA 7326 + 25.98



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.

FOR PROFESSIONAL SEALS  
SEE SHEET 2

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

PROJECT MANAGER: BRIAN KUTTAB, PE  
CONTRACT NO. 60X93

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

**TranSystems** 1475 EAST WOODFIELD ROAD, SUITE 600  
SCHAMBURG, IL 60173  
PHONE (847) 605-9600  
FAX (847) 463-0565

**AECOM** 303 EAST WACKER DRIVE, SUITE 1400  
CHICAGO, IL 60601-5276  
PHONE (312) 313-7100  
FAX (312) 373-6800

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED *June 6 2018*  
*Anthony J. D'Amico / CNB*  
REGISTERED ENGINEER

*Oct 5 2018*  
*Paul P. Ch...*  
ENGINEER OF DESIGN AND ENVIRONMENT

*Oct 9 2018*  
*Paul P. Ch...*  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

PLOT DATE: 7/30/2018



FILE PATH = p:\617479-P\INT\recomon\line\local\IACOM\_D902\_MH\Documents\01\_Americas\Transportation\60269938\_Circle\Phase\_1\1000\_CAD\006\_Roadway\Sheets\60X93\_Contract\0160X93-sht-GenNote-01.dgn

1	COVER SHEET			279-288	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN - I-90/94 MAINLINE STAGE 5	1073-1083	PROPOSED WALL #46 PLANS (SN 016-1833)
2	PROFESSIONAL SEALS					1084-1098	PROPOSED WALL #47 PLANS (SN 016-1834)
3	INDEX OF DRAWINGS			289-296	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN - I-290 MAINLINE STAGE 5	1099-1109	PROPOSED WALL #48 PLANS (SN 016-1835)
4	HIGHWAY STANDARDS, IDOT DISTRICT 1 STANDARDS AND IDOT TRAFFIC SYSTEMS CENTER STANDARDS					1110-1119	EXISTING RETAINING WALL #12 (SN 016-2311)
5	GENERAL NOTES			297-306	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN - I-90/94 MAINLINE STAGE 6	1120-1151	DISTRICT 1 STANDARD DETAILS
6	CITY OF CHICAGO GENERAL NOTES AND COMMITMENTS					1152-1162	IDOT TRAFFIC SYSTEMS CENTER STANDARD DRAWINGS
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128	INTERSECTION TIE-IN DETAILS			322-325	EROSION AND SEDIMENTATION CONTROL - SCHEDULE	1357-1362	CROSS SECTIONS - RAMP SE - STAGE 2
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				661-742	PROPOSED RAMP SE BRIDGE PLANS (SN 016-1714)		
				743-914	PROPOSED RAMP WS BRIDGE PLANS (SN 016-1715)		
				915-952	PROPOSED SB TAYLOR ST EXIT BRIDGE PLANS (SN 016-1718)		
				953-1024	PROPOSED CONGRESS PARKWAY BRIDGE PLANS (SN 016-0461)		
				1025-1046	PROPOSED WALL #14 PLANS (SN 016-1803)		
				1047-1072	PROPOSED WALL #16 PLANS (SN 016-1805)		



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PLOT SCALE = 100.0000' / 1in.	CHECKED - MJL	REVISED -
PLOT DATE = 7/31/2018	DATE - 7/30/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>INDEX OF DRAWINGS</b>			
SCALE: NONE	SHEET 1	OF 4 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	3
CONTRACT NO. 60X93			ILLINOIS FED. AID PROJECT	

## HIGHWAY STANDARDS

000001 - 06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001 - 02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001 - 07	TEMPORARY EROSION CONTROL SYSTEMS
420001 - 09	PAVEMENT JOINTS
420101 - 06	24' (7.2m) JOINTED PCC PAVEMENT
420106 - 06	36' (10.8m) JOINTED PCC PAVEMENT
420111 - 04	PCC PAVEMENT ROUNDOUTS
420301 - 08	EXIT RAMP TERMINAL (JOINTED PCC RAMP PAVEMENT ADJACENT TO JOINTED PCC MAINLINE PAVEMENT)
420401 - 12	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB
442201 - 03	CLASS C AND D PATCHES
483001 - 05	PCC SHOULDER
515001 - 03	NAME PLATE FOR BRIDGE
601001 - 05	PIPE UNDERDRAINS
602001 - 02	CATCH BASIN TYPE A
602011 - 02	CATCH BASIN TYPE C
602301 - 04	INLET - TYPE A
602401 - 04	PRECAST MANHOLE TYPE A 4' (1.22m) DIAMETER
602402	PRECAST MANHOLE TYPE A 5' (1.52m) DIAMETER
602406 - 08	PRECAST MANHOLE TYPE A 6' (1.83m) DIAMETER
602426	PRECAST MANHOLE TYPE A 10' (3.05m) DIAMETER
602601 - 05	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701 - 02	MANHOLE STEPS
604001 - 04	FRAME AND LIDS TYPE 1
604036 - 03	FRAME AND GRATE TYPE 8
604046 - 03	FRAME AND GRATE TYPE 10
604071 - 05	FRAME AND GRATE TYPE 20
604091 - 03	FRAME AND GRATE TYPE 24
606001 - 07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606201 - 04	TYPE B GUTTER (INLET, OUTLET & ENTRANCE)
630001 - 12	STEEL PLATE BEAM GUARDRAIL
631011 - 10	TRAFFIC BARRIER TERMINAL, TYPE 2
631031 - 15	TRAFFIC BARRIER TERMINAL, TYPE 6
637006 - 03	CONCRETE BARRIER DOUBLE FACE, 42 IN. (1065MM) HEIGHT
642001 - 02	SHOULDER RUMBLE STRIPS, 16 in
664001 - 02	CHAIN LINK FENCE
701001 - 02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701006 - 05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 m) FROM PAVEMENT EDGE
701101 - 05	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
701106 - 02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5m) AWAY
701400 - 09	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401 - 11	LANE CLOSURE, FREEWAY/EXPRESSWAY
701411 - 09	LANE CLOSURE, MULTILANE, AT AN ENTRANCE OR EXIT RAMP, FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH
701428 - 01	TRAFFIC CONTROL, SETUP AND REMOVAL, FREEWAY/EXPRESSWAY
701446 - 09	RAMP CLOSURE, FREEWAY/EXPRESSWAY
701601 - 09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701606 - 10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701801 - 06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901 - 07	TRAFFIC CONTROL DEVICES
704001 - 08	TEMPORARY CONCRETE BARRIER
720001 - 01	SIGN PANEL MOUNTING DETAILS
720006 - 04	SIGN PANEL ERECTION DETAILS
720011 - 01	METAL POSTS FOR SIGNS MARKERS AND DELINEATORS
725001 - 01	OBJECT AND TERMINAL MARKERS
728001 - 01	TELESCOPING STEEL SIGN SUPPORT
729001 - 01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGN & MARKERS)
731001 - 01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001 - 05	TYPICAL PAVEMENT MARKINGS
781001 - 04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
814001 - 03	HANDHOLES

## DISTRICT 1 STANDARDS

BD-32	BUTT JOINTS AND HMA TAPERS
BD-33	HMA TAPER AT EDGE OF PCC PAVEMENT
BD-49	DETAIL FOR CENTERLINE SAW CUT 4.8 m (16') AND VARIABLE JOINTED PCC PAVEMENT FOR RAMP
BD-51	BENCHING DETAIL FOR EMBANKMENT WIDENING
BE-330	LIGHT POLE MOUNTED ON CONCRETE PARAPET WALL 15" (381mm) BOLT CIRCLE
BE-410	DAVIT LIGHT POLE 47'-6" (14.478m) MOUNTING HEIGHT
BE-500	HIGH MAST LIGHT TOWER 100' TO 160' (30m TO 49m)
BE-511	HIGH MAST LIGHT TOWER 150 FT TO 160 FT FOUNDATION DETAIL
BE-610	REMOVAL OF ELECTRICAL LIGHTING FROM SIGN STRUCTURE - SPAN TYPE
BE-701	LUMINAIRE SAFETY CABLE ASSEMBLY
BE-702	MISCELLANEOUS ELECTRICAL DETAILS, SHEET A - (CABLE SPLICE, POLE WIRING, TRENCH DETAIL)
BE-703	MISCELLANEOUS DETAILS, SHEET B - J BOX EMBEDDED IN BARRIER WALL - INSTALLATION OF CONDUIT IN BRIDGE PARAPET EXPANSION JOINT - ELECTRIC CONNECTION TO UNDERPASS LIGHTING
BE-900	SUSPENDED MOUNT UNDERPASS LUMINAIRE INSTALLATION DETAILS
BE-902	PIER / ABUTMENT MOUNTED UNDERPASS, LUMINAIRE INSTALLATION DETAILS
TC-08	ENTRANCE AND EXIT RAMP CLOSURE DETAILS
TC-09	TRAFFIC CONTROL DETAILS FREEWAY SINGLE AND MULTI-LANE WEAVE
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC-12	MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-17	TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES
TC-18	FREEWAY/EXPRESSWAY SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS ON FREEWAY/EXPRESSWAYS
TC-21	DETOUR SIGNING FOR CLOSING STATE HIGHWAYS
TC-22	ARTERIAL ROAD INFORMATION SIGN
TC-24	CITY OF CHICAGO TYPICAL PAVEMENT MARKINGS
TC-27	MILE POST MARKERS - GORE SIGNS MAJOR GUIDE SIGN LAYOUT - ARROWS

## IDOT TRAFFIC SYSTEMS CENTER STANDARDS

TY-ITSC-400*15	PC CONCRETE - HEAVY DUTY HAND HOLE
TY-ITSC-400*18	EXPANSION FITTING DETAIL SHEET
TY-ITSC-400*30	JUNCTION BOX "TYPE J" IN DOUBLE FACED BARRIER WALL
TY-ITSC-400*41	FIBER OPTIC SPLICING TYPICAL
TY-ITSC-400*43	TSC ATMS
TY-ITSC-418*7	LOOP STATUS REPORT
TY-ITSC-418*9	PREFORMED LOOP INSTALLATION IN BRIDGE DECK
TY-ITSC-418*10	PREFORMED LOOP TYPICAL INSTALLATION NON-BRIDGE DECK APPLICATION
TY-ITSC-418*19	PREFORMED LOOP TYPICAL INSTALLATION NEW CONCRETE PAVEMENT
TY-ITSC-663*4	TRAFFIC SURVEILLANCE BARRIER WALL DUCT DETAILS
TY-ITSC-663*13	FIBER OPTIC WIRING DETAIL

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

HIGHWAY STANDARDS, IDOT DISTRICT 1 STANDARDS AND IDOT TRAFFIC SYSTEMS CENTER STANDARDS		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: NONE	SHEET 2 OF 4 SHEETS	90/94/290	2014-013R&B-R	COOK	1972	4
STA. TO STA.		CONTRACT NO. 60X93		ILLINOIS FED. AID PROJECT		

FILE PATH = c:\pwt\617479-P\WINT\ascomon\line\to\cml\9E\CDM\_0502\_MW\Documents\01\_Americas\Transportation\60269438\_Circle\Phase\_1\1002\_CAD\006\_Roadway\Sheet\Sheet\60X93\_Contract\01\60X93-sh-t-GenNote-02.dgn



0160X93-sh-t-GenNote-02.dgn	DESIGNED - MFD	REVISED -
USER NAME = msbilliot	DRAWN - MFD	REVISED -
PLOT SCALE = 100.0000 / in.	CHECKED - MFD	REVISED -
PLOT DATE = 7/30/2018	DATE - 7/30/2018	REVISED -





**CITY OF CHICAGO  
GENERAL NOTES:**

1. THE CONVERSION OF NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) TO CITY OF CHICAGO DATUM IS APPROXIMATELY 579.19 FEET.
2. ALL WORK WITHIN CITY RIGHT OF WAY MUST CONFORM TO THE MOST CURRENT CITY OF CHICAGO STANDARDS FOR CONSTRUCTION IN COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT, (ADA) AVAILABLE ON THE CITY OF CHICAGO WEBSITE.
3. WITHIN CITY RIGHT OF WAY, PAVEMENT CROSS SLOPES SHALL VARY FROM A MINIMUM OF 1.4% TO A MAXIMUM OF 3.6%. CURB AND GUTTER CONSTRUCTION SHALL PROVIDE A MINIMUM CURB HEIGHT OF 3 INCHES AND A MAXIMUM OF 9 INCHES. THE LONGITUDINAL SLOPE ALONG A STRAIGHT CONCRETE GUTTER SECTION AND CURVED GUTTER SECTION SHALL BE A MINIMUM OF 0.4% AND 0.65%, RESPECTIVELY.
4. TEMPORARY HOT-MIX ASPHALT RAMPS MUST BE CONSTRUCTED AROUND ALL UTILITY STRUCTURES WITHIN CITY RIGHT OF WAY 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 CITY TEMPORARY HMA RAMP DETAILS AND REMOVED PRIOR TO PLACEMENT OF BINDER AND/OR SURFACE COURSE. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE UTILITY STRUCTURES.
5. THE LOCATIONS AND ELEVATIONS OF EXISTING SEWERS AND SEWER STRUCTURES SHOWN ON THE PLANS AND PROFILES HAVE BEEN OBTAINED FROM DRAWINGS AND ATLASES AND THE INFORMATION IS NOT GUARANTEED. THE RESIDENT ENGINEER AND THE CONTRACTOR SHALL FIELD VERIFY THE CITY'S EXISTING SEWER FACILITIES INCLUDING PUBLIC AND PRIVATE DRAIN CONNECTIONS IN THE LIMITS OF THE REFERENCED PROJECT FOR ANY CONFLICTS DUE TO THE PROPOSED IMPROVEMENTS. ANY CONFLICT SHOULD BE RESOLVED WITH THE DEPARTMENT OF WATER MANAGEMENT PRIOR TO START OF CONSTRUCTION.
6. IN LOCATIONS WHERE THE MAIN SEWER IS NOT BEING REPLACED AND THE EXISTING DRAINAGE FACILITIES ARE DISTURBED OR DAMAGED DURING CONSTRUCTION BY THE CONTRACTOR, IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO RESTORE AND REPLACE THE DAMAGED FACILITIES AT HIS/HER EXPENSE TO THE SATISFACTION OF THE DEPARTMENT OF WATER MANAGEMENT. THE SEWER FLOWS MUST BE MAINTAINED AT ALL TIMES.
7. IN CASE OF ANY DAMAGE TO THE CITY'S SEWER SYSTEM, PRIVATE AND PUBLIC DRAIN CONNECTIONS, THE CONTRACTOR SHALL CONTACT THE CHICAGO DEPARTMENT OF WATER MANAGEMENT IMMEDIATELY AT (312) 747-8117 OR (312) 747-7893. THE CONTRACTOR SHALL AT HIS/HER OWN EXPENSE, REPLACE THE AFFECTED SEWERS, DRAIN CONNECTIONS, AND SEWER STRUCTURES AS NECESSARY. THE SEWER FLOW MUST BE MAINTAINED AT ALL TIMES.
8. CITY OF CHICAGO WATER VALVE VAULTS AND SEWER STRUCTURES SHALL NOT BE CLOSED, COVERED OR OTHERWISE OBSTRUCTED DURING CONSTRUCTION WITHOUT WRITTEN PERMISSION FROM THE CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT UNLESS SPECIFICALLY IDENTIFIED FOR REMOVAL, RECONSTRUCTION OR ADJUSTMENT WITHIN THESE PLANS.
9. THE COST OF CATCH BASIN RESTRICTORS SHALL BE INCLUDED IN THE COST OF THE CATCH BASINS.
10. AS-BUILT PLANS FOR WORK WITHIN THE CITY RIGHT OF WAY 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.
11. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE DEPARTMENT OF TRANSPORTATION OF ANY DAMAGE TO CITY OWNED AND MAINTAINED TRAFFIC SIGNS, SIGNALS, GUARDRAILS, FENCES, ETC.
12. WITHIN CITY RIGHT OF WAY, 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.
13. WITHIN CITY RIGHT OF WAY, 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.
14. THE CITY'S SEPARATION STANDARDS ARE AS FOLLOWS; THE MINIMUM VERTICAL CLEARANCE (EDGE-TO-EDGE) FROM ALL WATER MAINS IS 18-INCHES. FOR FEEDER MAINS (WATER MAINS 16-INCHES AND LARGER), THE MINIMUM HORIZONTAL CLEARANCE (EDGE-TO-EDGE) IS FIVE (5) FEET, AND FOR GRID MAINS (WATER MAINS LESS THAN 16-INCHES), THE MINIMUM HORIZONTAL CLEARANCE (EDGE-TO-EDGE) IS THREE (3) FEET. FOR ABOVE GROUND FACILITIES, THE MINIMUM HORIZONTAL CLEARANCE (EDGE-TO-EDGE) IS FIVE (5) FEET. IN NO CASE SHALL THE INSTALLATION OF ANY PROPOSED FACILITY BE CLOSER THAN FIVE (5) FEET FROM A FIRE HYDRANT OR FIRE HYDRANT LEAD. ALL CURB INSTALLATION ADJACENT TO FIRE HYDRANTS MUST BE PAINTED 'SAFETY YELLOW' FOR 15 FEET ON EACH SIDE OF THE FIRE HYDRANT EXCEPT WHERE THE 15 FOOT DIMENSION INTERSECTS A CROSSWALK, DRIVEWAY OR SIMILAR FEATURE.
15. THERE ARE NUMEROUS MANHOLES, CATCH BASINS AND INLETS WITHIN CITY RIGHT OF WAY, WHICH MUST BE PROTECTED FROM ENTRY OF ASPHALT/DEBRIS INTO THE SEWER SYSTEM DURING CONSTRUCTION. THE CONTRACTOR MUST MARK THE LOCATIONS OF ALL SEWER STRUCTURES ON THE SIDEWALK BEFORE STARTING PAVEMENT REMOVAL/REPLACEMENT. ALL NECESSARY ADJUSTMENTS TO SEWER FACILITIES, INCLUDING VERTICAL ADJUSTMENT OF FRAMES AND LIDS, MUST BE INCLUDED IN THE CONTRACT AND PERFORMED BY IDOT'S CONTRACTOR PRIOR TO STREET RESURFACING. PLEASE NOTE THAT A PERMIT WILL BE REQUIRED FROM THE SEWER SECTION FOR THE ABOVE-MENTIONED ADJUSTMENT WORK.
16. A PERMIT FROM THE DEPARTMENT OF WATER MANAGEMENT SHOULD BE OBTAINED IN ADVANCE FOR ANY UNDERGROUND SEWER WORK WITHIN CITY RIGHT OF WAY INCLUDING ADJUSTMENT OF STRUCTURES, REMOVAL/REPLACEMENT OF FRAMES AND LIDS, TELEVISION SURVEYS, CLEANING, LINING AND INSPECTIONS BY A LICENSED SEWER CONTRACTOR AT 333 S. STATE STREET, SUITE 410, CHICAGO, ILLINOIS 60604.

17. IF CONSTRUCTION REQUIRES THE USE OF WATER FROM A CITY FIRE HYDRANT, OR ADJUSTMENT REPAIRS ARE REQUIRED TO ANY CITY SEWER FACILITIES IN PROXIMITY TO THE PROJECT SITE, PERMITS MUST BE OBTAINED FROM THE DEPARTMENT OF WATER MANAGEMENT, WATER AND SEWER SECTIONS.
18. EXTREME CAUTION IS TO BE TAKEN TO ENSURE THAT NO FACILITY OWNED AND MAINTAINED BY THE DEPARTMENT OF WATER MANAGEMENT IS DAMAGED DURING CONSTRUCTION. IF DAMAGE OCCURS TO ANY FACILITIES, THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR THE COST OF REPAIRING OR REPLACING THEM.

**CITY OF CHICAGO DIVISION OF TRANSPORTATION STANDARD CONSTRUCTION DETAILS**

- A-2-2C PAVEMENT PATCHING AND PORTLAND CEMENT CONCRETE REPLACEMENT
- A-2-3C P.C.C. BASE COURSE JOINT DETAILS
- A-3-1 ADA COMPLIANT SIDEWALK CONSTRUCTION DETAILS
- A-3-2 DETAILS OF PORTLAND CEMENT CONCRETE CONSTRUCTION
- A-4-1 SEWER CONSTRUCTION AND STORMWATER MANAGEMENT REQUIREMENTS
- A-6-1A COMPONENT PARTS OF A TEMPORARY TRAFFIC CONTROL ZONE
- A-7-1A CROSSWALK MARKING DETAIL
- A-7-1B CROSSWALK MARKING DETAIL
- A-7-9 SHARED LANE YIELD TO BIKES SIGN
- B-1-4 PERPENDICULAR RAMP AT CORNER IN CURB RADIUS WITH SINGLE CROSSING
- B-4-1 DETECTABLE WARNING UNIT SIZES
- B-4-2 DETECTABLE WARNING UNIT DETAILS

**CITY OF CHICAGO DIVISION OF WATER MANAGEMENT STANDARD DETAILS**

- A.2 DUCTILE IRON PIPE DRAIN CONNECTIONS
- A.3 MANHOLE LIDS AND FRAMES

**COMMITMENTS**

1. CONSTRUCTION NOISE AND CONSTRUCTION VIBRATION SHALL FOLLOW THE ENVIRONMENTAL COMMITMENT OUTLINED IN THE ENVIRONMENTAL ASSESSMENT - INCLUDED IN THE CONTRACT DOCUMENTS.
2. PROVISIONS FOR THE AIR QUALITY MONITORING PROGRAM SHALL FOLLOW THE ENVIRONMENTAL COMMITMENT OUTLINED IN THE THE ENVIRONMENTAL ASSESSMENT AND ERRATA - INCLUDED IN THE CONTRACT DOCUMENTS.

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PLOT DATE = 7/30/2018	DATE - 7/30/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CITY OF CHICAGO  
GENERAL NOTES, STANDARDS AND COMMITMENTS**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	6
CONTRACT NO. 60X93			ILLINOIS FED. AID PROJECT	

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CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	LIGHTING/ITS		
				90% FED	100% STATE	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED
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				URBAN	URBAN	016-0461	016-1706	016-1714	016-1715	016-1718	016-1803	016-1805	016-1833	016-1834	016-1835	016-2311	URBAN		
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	485	485															
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	34	34															
20101000	TEMPORARY FENCE	FOOT	405	405															
20101100	TREE TRUNK PROTECTION	EACH	27	27															
20101200	TREE ROOT PRUNING	EACH	13	13															
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	14	14															
20200100	EARTH EXCAVATION	CU YD	48,222	48,222															
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	5,575	5,575															
20400800	FURNISHED EXCAVATION	CU YD	8,970	8,970															
20700220	POROUS GRANULAR EMBANKMENT	CU YD	295	295															
20800150	TRENCH BACKFILL	CU YD	3,793	3,793															
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	11,953	11,953															
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	33,971	33,971															
21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	1,006	1,006															
21101685	TOPSOIL FURNISH AND PLACE, 24"	SQ YD	477	477															

\* DENOTES SPECIALTY ITEM      \*\* DENOTES NON-PARTICIPATING ITEM      % 0042



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 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 7/31/2018

DESIGNED - MJL  
 DRAWN - BMJ  
 CHECKED - JMG  
 DATE - 7/30/2018

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

**SUMMARY OF QUANTITIES**

SCALE: NONE      SHEET 1 OF 29 SHEETS      STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	7
CONTRACT NO. 60X93			ILLINOIS FED. AID PROJECT	

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CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	LIGHTING/ITS		
				90% FED	100% STATE	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED
				0004	0004	0013	0010	0010	0010	0010	0010	0044	0044	0044	0044	0044	0044	0044	0021
				URBAN	URBAN	016-0461	016-1706	016-1714	016-1715	016-1718	016-1803	016-1805	016-1833	016-1834	016-1835	016-2311	URBAN		
21301052	EXPLORATION TRENCH 52" DEPTH	FOOT	100	100															
21301084	EXPLORATION TRENCH 84" DEPTH	FOOT	100	100															
25000210	SEEDING, CLASS 2A	ACRE	7.25	7.25															
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	655	655															
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	655	655															
25100115	MULCH, METHOD 2	ACRE	38.75	38.75															
25100630	EROSION CONTROL BLANKET	SQ YD	34,447	34,447															
25200110	SODDING, SALT TOLERANT	SQ YD	1,006	1,006															
25200200	SUPPLEMENTAL WATERING	UNIT	139	139															
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	3,852	3,852															
28000400	PERIMETER EROSION BARRIER	FOOT	27,661	27,661															
28000510	INLET FILTERS	EACH	203	203															
28200200	FILTER FABRIC	SQ YD	343							343									
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	4,759	4,759															

\* DENOTES SPECIALTY ITEM      \*\* DENOTES NON-PARTICIPATING ITEM      % 0042



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 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 7/31/2018

DESIGNED - MJL  
 DRAWN - BMJ  
 CHECKED - JMG  
 DATE - 7/30/2018

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE      SHEET 2 OF 29 SHEETS      STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	8
CONTRACT NO. 60X93			ILLINOIS FED. AID PROJECT	

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CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	LIGHTING/ITS		
				90% FED	100% STATE	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE
				0004	0004	0013	0010	0010	0010	0010	0010	0044	0044	0044	0044	0044	0044	0044	0021
				URBAN	URBAN	016-0461	016-1706	016-1714	016-1715	016-1718	016-1803	016-1805	016-1833	016-1834	016-1835	016-2311	URBAN		
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	14,378	14,378															
31101100	SUBBASE GRANULAR MATERIAL, TYPE B	CU YD	334								334								
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	12,213	12,213															
31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	187	187															
31101600	SUBBASE GRANULAR MATERIAL, TYPE B 8"	SQ YD	2,390	2,390															
31200500	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"	SQ YD	9,615	9,615															
35300300	PORTLAND CEMENT CONCRETE BASE COURSE 8"	SQ YD	116	116															
35300400	PORTLAND CEMENT CONCRETE BASE COURSE 9"	SQ YD	68	68															
40200900	AGGREGATE SURFACE COURSE, TYPE B	CU YD	176	176															
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	250	250															
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	233	233															
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	25	25															
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	9	9															
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	49	49															

\* DENOTES SPECIALTY ITEM      \*\* DENOTES NON-PARTICIPATING ITEM      % 0042



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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE      SHEET 3 OF 29 SHEETS      STA.      TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	9
CONTRACT NO. 60X93			ILLINOIS FED. AID PROJECT	

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CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	LIGHTING/ITS		
				90% FED	100% STATE	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE
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42000080	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB	SQ YD	140	140															
42000401	PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)	SQ YD	4,242	4,242															
42000521	PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)	SQ YD	2,909	2,909															
42000526	PORTLAND CEMENT CONCRETE PAVEMENT 11 1/4" (JOINTED)	SQ YD	84	84															
42001300	PROTECTIVE COAT	SQ YD	27,774	27,774															
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	2,152	2,152															
44000100	PAVEMENT REMOVAL	SQ YD	15,410	15,410															
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	141	141															
44000300	CURB REMOVAL	FOOT	66	66															
44000400	GUTTER REMOVAL	FOOT	124	124															
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1,487	1,487															
44000600	SIDEWALK REMOVAL	SQ FT	2,107	2,107															
44001980	CONCRETE BARRIER REMOVAL	FOOT	6,685	6,685															
44003100	MEDIAN REMOVAL	SQ FT	144	144															

\* DENOTES SPECIALTY ITEM      \*\* DENOTES NON-PARTICIPATING ITEM      % 0042



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE      SHEET 4 OF 29 SHEETS      STA.      TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	10
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X93	



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CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	LIGHTING/ITS		
				90% FED	100% STATE	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE
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				URBAN	URBAN	016-0461	016-1706	016-1714	016-1715	016-1718	016-1803	016-1805	016-1833	016-1834	016-1835	016-2311	URBAN		
44004250	PAVED SHOULDER REMOVAL	SQ YD	4,704	4,704															
44201359	CLASS C PATCHES, TYPE IV, 10 INCH	SQ YD	61	61															
44201723	CLASS D PATCHES, TYPE IV, 6 INCH	SQ YD	166	166															
48300400	PORTLAND CEMENT CONCRETE SHOULDERS 9"	SQ YD	1,735	1,735															
48300600	PORTLAND CEMENT CONCRETE SHOULDERS 11"	SQ YD	1,229	1,229															
48300605	PORTLAND CEMENT CONCRETE SHOULDERS 11 1/4"	SQ YD	198	198															
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1				1												
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1						1										
50100500	REMOVAL OF EXISTING STRUCTURES NO. 3	EACH	1								1								
50100600	REMOVAL OF EXISTING STRUCTURES NO. 4	EACH	1								1								
50100700	REMOVAL OF EXISTING STRUCTURES NO. 5	EACH	1								1								
50101500	REMOVAL OF EXISTING SUPERSTRUCTURES	EACH	1			1													
50102400	CONCRETE REMOVAL	CU YD	365.5			158.5		83.0								124.0			
50104400	CONCRETE HEADWALL REMOVAL	EACH	2	2															
50104720	REMOVAL OF EXISTING CONCRETE DECK	EACH	1			1													

\* DENOTES SPECIALTY ITEM      \*\* DENOTES NON-PARTICIPATING ITEM      % 0042



D160X93-sht-500.dgn  
 USER NAME = bjmjanus  
 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 7/31/2018

DESIGNED - MJL  
 DRAWN - BMJ  
 CHECKED - JMG  
 DATE - 7/30/2018

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE      SHEET 5 OF 29 SHEETS      STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	11
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X93	

FILE PATH = p:\6179-P\INT-DESIGN\Line\local\FEC\04\_0502\_MN\Documents\01\_Americas\Transportation\60259538\_Circle\Phase\_11\2018\_CAD\006\_Roadway\Sheet\60X93\_Contract\0162093-sht-500.dgn

CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	LIGHTING/ITS		
				90% FED	100% STATE	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE
				0004	0004	0013	0010	0010	0010	0010	0010	0044	0044	0044	0044	0044	0044	0044	0021
				URBAN	URBAN	016-0461	016-1706	016-1714	016-1715	016-1718	016-1803	016-1805	016-1833	016-1834	016-1835	016-2311	URBAN		
50157300	PROTECTIVE SHIELD	SQ YD	6,247			2,851			1,710			1,686							
50200100	STRUCTURE EXCAVATION	CU YD	9,602.3			50.0	272.0	471.0	1,671.0	51.3	798.0	3,695.0	276.0	1,203.0	538.0	577.0			
50300225	CONCRETE STRUCTURES	CU YD	2,968.7			158.8	202.4	533.6	1,943.3	120.7	9.9								
50300254	RUBBED FINISH	SQ FT	19,107				1,241	3,642	13,753	471									
50300255	CONCRETE SUPERSTRUCTURE	CU YD	5,280.4			711.5	244.6	785.8	2,245.1	169.6	135.3	338.0		144.3	69.9	436.3			
50300260	BRIDGE DECK GROOVING	SQ YD	2,239			2,239													
50300285	FORM LINER TEXTURED SURFACE	SQ FT	9,993				434	2,298	6,139	1,122									
50300300	PROTECTIVE COAT	SQ YD	19,835			2,372	978	2,924	11,064	737	516	771	18	305	150				
50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	277.7				40.6	41.0	51.9	45.8	98.4								
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1.0			0.1	0.1	0.2	0.5	0.1									
50500505	STUD SHEAR CONNECTORS	EACH	67,308			13,299	3,600	10,434	37,323	2,274	378								
50800105	REINFORCEMENT BARS	POUND	939,150			11,650	79,380	183,220	582,120	82,780									
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	2,130,240			207,120	120,900	327,030	1,173,540	84,310	78,440	49,350	300	24,610	12,140	52,500			
50800515	BAR SPLICERS	EACH	133				34	30	38	31									

\* DENOTES SPECIALTY ITEM      \*\* DENOTES NON-PARTICIPATING ITEM      % 0042



0160X93-sht-500.dgn  
 USER NAME = bm\_janus  
 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 7/31/2018

DESIGNED - MJL  
 DRAWN - BMJ  
 CHECKED - JMG  
 DATE - 7/30/2018

REVISED -  
 REVISED -  
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 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE      SHEET 6 OF 29 SHEETS      STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	12
CONTRACT NO. 60X93			ILLINOIS FED. AID PROJECT	

FILE PATH = p:\61779-P\INT-DESIGN\Line\local\60X93.dwg; USER: bjm; DATE: 7/30/2018; PROJECT: 2014-013R&B-R; SHEET: 13

CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	LIGHTING/ITS		
				90% FED	100% STATE	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED
				0004	0004	0013	0010	0010	0010	0010	0010	0044	0044	0044	0044	0044	0044	0044	0021
				URBAN	URBAN	016-0461	016-1706	016-1714	016-1715	016-1718	016-1803	016-1805	016-1833	016-1834	016-1835	016-2311	URBAN		
50800530	MECHANICAL SPLICERS	EACH	938			6			788	120						24			
51100100	SLOPE WALL 4 INCH	SQ YD	8									8							
51500100	NAME PLATES	EACH	10				1	1	1	1	1	1	1	1	1				
51602000	PERMANENT CASING	FOOT	2,272				275	557	701	739									
51603000	DRILLED SHAFT IN SOIL	CU YD	3,889.6			58.0	477.0	848.1	2,242.5	264.0									
51604000	DRILLED SHAFT IN ROCK	CU YD	115.3			1.0	16.0	12.9	73.4	12.0									
52000110	PREFORMED JOINT STRIP SEAL	FOOT	263			36	34	124	38	31									
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	67			25			42										
52100020	ELASTOMERIC BEARING ASSEMBLY, TYPE II	EACH	20			20													
52100510	ANCHOR BOLTS, 3/4"	EACH	380					200	180										
52100520	ANCHOR BOLTS, 1"	EACH	358			90	80	20	128	40									
52100530	ANCHOR BOLTS, 1 1/4"	EACH	20			20													
52100540	ANCHOR BOLTS, 1 1/2"	EACH	74						44	30									
52200020	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	8,463			539	2,426		4,894		502					102			

\* DENOTES SPECIALTY ITEM      \*\* DENOTES NON-PARTICIPATING ITEM      % 0042



0160X93-sht-500.dgn  
 USER NAME = bjm\_janus  
 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 7/31/2018

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 CHECKED - JMG  
 DATE - 7/30/2018

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE      SHEET 7 OF 29 SHEETS      STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	13
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X93	

FILE PATH = p:\6179-P\INT-desomoni\line\local\IPE\CDM\_0502\_M\Documents\01\_Americas\Transportation\60251938\_Circle\Phase\_1\200\_CAD\006\_Roadway\Sheets\60X93\_Contract\0162X93-sht-S00.dgn

CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	LIGHTING/ITS		
				90% FED		90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE
				0004	0004	0013	0010	0010	0010	0010	0010	0044	0044	0044	0044	0044	0044	0044	0021
				URBAN	URBAN	016-0461	016-1706	016-1714	016-1715	016-1718	016-1803	016-1805	016-1833	016-1834	016-1835	016-2311	URBAN		
52200100	FURNISHING SOLDIER PILES (HP SECTION)	FOOT	1,804								1,804								
52200200	DRILLING AND SETTING SOLDIER PILES (IN SOIL)	CU FT	7,079								7,079								
52200250	UNTREATED TIMBER LAGGING	SO FT	2,816								2,816								
52200900	CONCRETE STRUCTURES (RETAINING WALL)	CU YD	125								125								
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	1,380	1,380															
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	1,674	1,674															
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	1,157	1,157															
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	379	379															
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	64	64															
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	143	143															
55100100	STORM SEWER REMOVAL 4"	FOOT	57	57															
55100500	STORM SEWER REMOVAL 12"	FOOT	3,180	3,180															
55100700	STORM SEWER REMOVAL 15"	FOOT	204	204															
55101200	STORM SEWER REMOVAL 24"	FOOT	179	179															
55101600	STORM SEWER REMOVAL 36"	FOOT	451	451															

\* DENOTES SPECIALTY ITEM      \*\* DENOTES NON-PARTICIPATING ITEM      % 0042



0160X93-sht-S00.dgn  
 USER NAME = bjm\_janus  
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REVISED -  
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE      SHEET 8 OF 29 SHEETS      STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	14
CONTRACT NO. 60X93			ILLINOIS FED. AID PROJECT	

FILE PATH = p:\61779-P\INT-DESIGN\Line\local\FEC\CDL\_0502\_MN\Documents\01\_Americas\Transportation\60208240\_Circle\Phase\_11\000\_CAD\006\_Roadway\Sheet\60X93\_Contract\0160X93-sht-500.dgn

CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	LIGHTING/ITS		
				90% FED	100% STATE	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED
				0004	0004	0013	0010	0010	0010	0010	0010	0044	0044	0044	0044	0044	0044	0044	0021
				URBAN	URBAN	016-0461	016-1706	016-1714	016-1715	016-1718	016-1803	016-1805	016-1833	016-1834	016-1835	016-2311	URBAN		
58700300	CONCRETE SEALER	SQ FT	70,138			3,384	2,299	8,713	25,238	1,932	7,156			6,147	3,788	11,481			
59000200	EPOXY CRACK INJECTION	FOOT	191													191			
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	341					47	54		240								
60108200	PIPE UNDERDRAINS 6" (SPECIAL)	FOOT	261	261															
60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	21	21															
60108206	PIPE UNDERDRAINS, TYPE 2, 6"	FOOT	6,540	6,540															
60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	9	9															
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	6	6															
60201310	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	38	38															
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	3	3															
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	8	8															
60207805	CATCH BASINS, TYPE C, TYPE 10 FRAME AND GRATE	EACH	1	1															
60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	EACH	2	2															
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	18	18															

\* DENOTES SPECIALTY ITEM      \*\* DENOTES NON-PARTICIPATING ITEM      % 0042



0160X93-sht-500.dgn  
 USER NAME = bmjenus  
 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 7/31/2018

DESIGNED - MJL  
 DRAWN - BMJ  
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 DATE - 7/30/2018

REVISED -  
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 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE      SHEET 9 OF 29 SHEETS      STA.      TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	15
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X93	

FILE PATH = p:\6179-P\INT-DESIGN\Line\local\FECOM\_0502\_MN\Documents\01\_Americas\Transportation\60259538\_Circle\Phase\_11\002\_CAD\006\_Roadway\Sheet\60X93\_Contract\0160X93-sht-500.dgn

CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	LIGHTING/ITS		
				90% FED	100% STATE	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE
				0004	0004	0013	0010	0010	0010	0010	0010	0044	0044	0044	0044	0044	0044	0044	0021
				URBAN	URBAN	016-0461	016-1706	016-1714	016-1715	016-1718	016-1803	016-1805	016-1833	016-1834	016-1835	016-2311	URBAN		
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	4															
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2															
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	28	28															
60237420	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	EACH	7	7															
60240324	INLETS, TYPE B, TYPE 20 FRAME AND GRATE	EACH	1	1															
60250200	CATCH BASINS TO BE ADJUSTED	EACH	17	17															
60250500	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1	1															
60251710	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 20 FRAME AND GRATE	EACH	2	2															
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	7	7															
60255500	MANHOLES TO BE ADJUSTED	EACH	16	16															
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	5	5															
60261510	INLETS TO BE ADJUSTED WITH NEW TYPE 20 FRAME AND GRATE	EACH	5	5															
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	2	2															
60500040	REMOVING MANHOLES	EACH	21	21															

\* DENOTES SPECIALTY ITEM      \*\* DENOTES NON-PARTICIPATING ITEM      % 0042



0160X93-sht-500.dgn  
 USER NAME = bmjenus  
 PLOT SCALE = 20.0000' / in.  
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 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**  
 SCALE: NONE      SHEET 10 OF 29 SHEETS      STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	16
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X93	



FILE PATH = p:\6179-P\INT\assessmnt\line\locshp\CDM\_0502\_NA\Documents\01\_Americas\Transportation\60259538\_Circle\Phase-11\2018\_CAD\2018\_Roadway\Sheets\60X93\_Contract\0160X93-shr-S00.dgn

CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	LIGHTING/ITS		
				90% FED	100% STATE	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE
				0004	0004	0013	0010	0010	0010	0010	0010	0044	0044	0044	0044	0044	0044	0044	0021
				URBAN	URBAN	016-0461	016-1706	016-1714	016-1715	016-1718	016-1803	016-1805	016-1833	016-1834	016-1835	016-2311	URBAN		
60500050	REMOVING CATCH BASINS	EACH	50	50															
60500060	REMOVING INLETS	EACH	7	7															
60500305	FILLING INLETS	EACH	1	1															
60600605	CONCRETE CURB, TYPE B	FOOT	23	23															
60602500	CONCRETE GUTTER, TYPE A	FOOT	183	183															
60602800	CONCRETE GUTTER, TYPE B	FOOT	1,106	1,106															
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	41	41															
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	363	363															
60610400	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24	FOOT	314	314															
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	1,509	1,509															
60624600	CORRUGATED MEDIAN	SQ FT	144	144															
63200310	GUARDRAIL REMOVAL	FOOT	57	57															
63700175	CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT	FOOT	4,093	4,093															
63700805	CONCRETE BARRIER TRANSITION	FOOT	162	162															
63700900	CONCRETE BARRIER BASE	FOOT	1,922	1,922															

\* DENOTES SPECIALTY ITEM      \*\* DENOTES NON-PARTICIPATING ITEM      % 0042



0160X93-shr-S00.dgn  
 USER NAME = bmjenus  
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE      SHEET 11 OF 29 SHEETS      STA.      TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	17
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X93	

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CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	LIGHTING/ITS		
				90% FED	100% STATE	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE
				0004	0004	0013	0010	0010	0010	0010	0010	0044	0044	0044	0044	0044	0044	0044	0021
				URBAN	URBAN	016-0461	016-1706	016-1714	016-1715	016-1718	016-1803	016-1805	016-1833	016-1834	016-1835	016-2311	URBAN		
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	2,991	2,991															
64300260	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	5	5															
64300370	IMPACT ATTENUATORS (FULLY REDIRECTIVE, WIDE), TEST LEVEL 3	EACH	5	5															
66400305	CHAIN LINK FENCE, 6'	FOOT	126	126															
66402900	CHAIN LINK GATES, 6' X 6' SINGLE	EACH	1	1															
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD																	
* 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM																	
* 66900530	SOIL DISPOSAL ANALYSIS	EACH																	
67100100	MOBILIZATION	L SUM	1	1															
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	240	240															
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	32,512.5	32,512.5															
70400100	TEMPORARY CONCRETE BARRIER	FOOT	11,387.5	11,387.5															
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	17,800.0	17,800.0															
70600255	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	4	4															

\* DENOTES SPECIALTY ITEM      \*\* DENOTES NON-PARTICIPATING ITEM      % 0042



0160X93-sht-S00.dgn  
 USER NAME = bmjenus  
 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 7/31/2018

DESIGNED - MJL	REVISED -
DRAWN - BMJ	REVISED -
CHECKED - JMG	REVISED -
DATE - 7/30/2018	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE      SHEET 12 OF 29 SHEETS      STA.      TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	18
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X93	

FILE PATH = p:\6179-P\INT\assessmnt\line\locshp\CDM\_0502\_NA\Documents\01\_Amen\cas\Transportation\60259338\_Circle\Phase-1\2018\_CAD\2018\_Roadway\Sheets\60X93\_Contract\0160X93-sht-S00.dgn

CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	LIGHTING/ITS		
				90% FED	100% STATE	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE
				0004	0004	0013	0010	0010	0010	0010	0010	0044	0044	0044	0044	0044	0044	0044	0021
				URBAN	URBAN	016-0461	016-1706	016-1714	016-1715	016-1718	016-1803	016-1805	016-1833	016-1834	016-1835	016-2311	URBAN		
70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	21	21															
70600290	IMPACT ATTENUATORS, TEMPORARY (SEVERE USE,WIDE), TEST LEVEL 3	EACH	2	2															
70600322	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	2	2															
70600332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	20	20															
* 72000100	SIGN PANEL - TYPE 1	SQ FT	15.00	15.00															
* 72000200	SIGN PANEL - TYPE 2	SQ FT	203.00	203.00															
* 72000300	SIGN PANEL - TYPE 3	SQ FT	5,152.75	5,152.75															
* 72100100	SIGN PANEL OVERLAY	SQ FT	535.00	535.00															
* 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	83.00	83.00															
* 72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	112.00	112.00															
* 72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	5,185.50	5,185.50															
* 72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	6.25	6.25															
* 72400730	RELOCATE SIGN PANEL - TYPE 3	SQ FT	1,201.00	1,201.00															
* 72600100	MILE POST MARKER ASSEMBLY	EACH	4	4															

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0160X93-sht-S00.dgn  
 USER NAME = bmjenus  
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 PLOT DATE = 7/31/2018

DESIGNED - MJL  
 DRAWN - BMJ  
 CHECKED - JMG  
 DATE - 7/30/2018

REVISED -  
 REVISED -  
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 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE      SHEET 13 OF 29 SHEETS      STA.      TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	19
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X93	

FILE PATH = p:\6179-P\INT\secomon1\local\BECOM\_0502\_NA\Documents\01\_Americas\Transportation\60269938\_Circle\Phase\_11\000\_CAD\006\_Roadway\Sheets\60X93\_Contract\0160X93-sht-500.dgn

CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	LIGHTING/ITS		
				90% FED	100% STATE	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE
				0004	0004	0013	0010	0010	0010	0010	0010	0044	0044	0044	0044	0044	0044	0044	0021
				URBAN	URBAN	016-0461	016-1706	016-1714	016-1715	016-1718	016-1803	016-1805	016-1833	016-1834	016-1835	016-2311	URBAN		
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	16.0	16.0															
* 72900200	METAL POST - TYPE B	FOOT	189.0	189.0															
* 73300100	OVERHEAD SIGN STRUCTURE - SPAN, TYPE I-A (4'-0" X 4'-6")	FOOT	30.0	30.0															
* 73300300	OVERHEAD SIGN STRUCTURE - SPAN, TYPE III-A (5'-0" X 7'-0")	FOOT	263.0	263.0															
* 73304000	OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	FOOT	49.0	49.0															
* 73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	41.1	41.1															
* 73500105	RELOCATE STRUCTURAL STEEL SUPPORT FOR OVERHEAD SIGN STRUCTURE - SPAN	EACH	2	2															
* 73500205	RELOCATE OVERHEAD SIGN SUPERSTRUCTURE - SPAN	EACH	1	1															
* 73600100	REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	3	3															
* 73600200	REMOVE OVERHEAD SIGN STRUCTURE - CANTILEVER	EACH	1	1															
* 73602000	REMOVE OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	EACH	5	5															
* 73700100	REMOVE GROUND MOUNTED SIGN SUPPORT	EACH	6	6															
* 73700200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	6	6															
* 73700300	REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	4	4															
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	1,391	1,391															

\* DENOTES SPECIALTY ITEM      \*\* DENOTES NON-PARTICIPATING ITEM      % 0042



D:\60X93-sht-500.dgn	DESIGNED - MJL	REVISED -
USER NAME = bm_janus	DRAWN - BMJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/31/2018	DATE - 7/30/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE      SHEET 14 OF 29 SHEETS      STA.      TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	20
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X93	



FILE PATH = p:\6179-P\INT\secomon\line\local\IACOM\_0502\_NA\Documents\01\_Americas\Transportation\60269938\_Circle\Phase\_11\000\_CAD\006\_Roadway\Sheets\60X93\_Contract\0160X93-sht-500.dgn

CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	LIGHTING/ITS		
				90% FED	100% STATE	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE
				0004	0004	0013	0010	0010	0010	0010	0010	0044	0044	0044	0044	0044	0044	0044	0021
				URBAN	URBAN	016-0461	016-1706	016-1714	016-1715	016-1718	016-1803	016-1805	016-1833	016-1834	016-1835	016-2311	URBAN		
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	696	696															
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	70	70															
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1,438	1,438															
* 78100300	REPLACEMENT REFLECTOR	EACH	100	100															
* 78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	2,776	2,776															
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	808	808															
* 81022300	CONDUIT ENCASED IN CONCRETE, 4" DIA., PVC	FOOT	191														191		
* 81023900	CONDUIT ENCASED, CONCRETE, 3" DIA., PVC 2 WIDE X 1 HIGH	FOOT	143														143		
* 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	1,402														1,402		
* 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	185														185		
* 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	1,747														1,747		
* 81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	272														272		
* 81100320	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., PVC COATED GALVANIZED STEEL	FOOT	2,620														2,620		
* 81100420	CONDUIT ATTACHED TO STRUCTURE, 1 1/4" DIA., PVC COATED GALVANIZED STEEL	FOOT	55														55		

\* DENOTES SPECIALTY ITEM      \*\* DENOTES NON-PARTICIPATING ITEM      % 0042



D160X93-sht-500.dgn  
 USER NAME = bm.janus  
 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 7/31/2018

DESIGNED - MJL  
 DRAWN - BMJ  
 CHECKED - JMG  
 DATE - 7/30/2018

REVISED -  
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 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE      SHEET 16 OF 29 SHEETS      STA.      TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	22
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X93	



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CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	LIGHTING/ITS		
				90% FED	100% STATE	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE
				0004	0004	0013	0010	0010	0010	0010	0010	0044	0044	0044	0044	0044	0044	0044	0021
				URBAN	URBAN	016-0461	016-1706	016-1714	016-1715	016-1718	016-1803	016-1805	016-1833	016-1834	016-1835	016-2311	URBAN		
* 81100605	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., PVC COATED GALVANIZED STEEL	FOOT	375														375		
* 81100805	CONDUIT ATTACHED TO STRUCTURE, 3" DIA., PVC COATED GALVANIZED STEEL	FOOT	1,050														1,050		
* 81101005	CONDUIT ATTACHED TO STRUCTURE, 4" DIA., PVC COATED GALVANIZED STEEL	FOOT	2,232														2,232		
* 81200230	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	11,388														11,388		
* 81200270	CONDUIT EMBEDDED IN STRUCTURE, 4" DIA., PVC	FOOT	201														201		
* 81300220	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4"	EACH	34														34		
* 81300410	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 10" X 8" X 4"	EACH	2														2		
* 81300530	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"	EACH	19														19		
* 81300830	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 18" X 8"	EACH	24														24		
* 81300840	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 18" X 12"	EACH	3														3		
* 81300948	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 24" X 24" X 10"	EACH	1														1		
* 81400200	HEAVY-DUTY HANDHOLE	EACH	14														14		
* 81400300	DOUBLE HANDHOLE	EACH	1														1		
* 81603081	UNIT DUCT, 600V, 3-1C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	1,069														1,069		

\* DENOTES SPECIALTY ITEM      \*\* DENOTES NON-PARTICIPATING ITEM      % 0042



D160X93-sht-500.dgn  
 USER NAME = bm.janus  
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 PLOT DATE = 7/31/2018

DESIGNED - MJL  
 DRAWN - BMJ  
 CHECKED - JMG  
 DATE - 7/30/2018

REVISED -  
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 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE      SHEET 17 OF 29 SHEETS      STA.      TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	23
CONTRACT NO. 60X93			ILLINOIS FED. AID PROJECT	

FILE PATH = p:\6179-P\INT\secomon\line\local\IACOM\_0502\_NA\Documents\01\_Americas\Transportation\60269938\_Circle\Phase\_1\000\_CAD\006\_Roadway\Sheets\60X93\_Contract\0160X93-sht-500.dgn

CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	LIGHTING/ITS		
				90% FED	100% STATE	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE
				0004	0004	0013	0010	0010	0010	0010	0010	0044	0044	0044	0044	0044	0044	0044	0021
				URBAN	URBAN	016-0461	016-1706	016-1714	016-1715	016-1718	016-1803	016-1805	016-1833	016-1834	016-1835	016-2311	URBAN		
* 81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	10,302														10,302		
* 81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	1,001														1,001		
* 81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	2,659														2,659		
* 81702140	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	3,815														3,815		
* 81702150	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	4,395														4,395		
* 81702180	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 3/0	FOOT	1,185														1,185		
* 81702415	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 6	FOOT	333														333		
* 83050715	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 6 FT. DAVIT ARM	EACH	3														3		
* 83505400	LIGHT TOWER, 130 FT. MOUNTING HEIGHT, LUMINAIRE MT. - 6	EACH	1														1		
* 83507800	LIGHT TOWER, 150 FT. MOUNTING HEIGHT, LUMINAIRE MT. - 6	EACH	1														1		
* 83700400	LIGHT TOWER FOUNDATION, 60" DIAMETER	FOOT	47														47		
* 84100110	REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	3														3		
* 84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	26														26		
* 84400405	RELOCATE EXISTING WOOD POLES	EACH	1														1		

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D:\60X93-sht-500.dgn	DESIGNED - MJL	REVISED -
USER NAME = bmjanus	DRAWN - BMJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/31/2018	DATE - 7/30/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE      SHEET 18 OF 29 SHEETS      STA.      TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	24
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X93	

FILE PATH = p:\6179-P\INT-DESIGN\Line\local\FECOM\_0502\_MN\Documents\01\_Americoas\Transportation\60259538\_Circle\Phase\_11\2018\_CAD\006\_Roadway\Sheet\60X93\_Contract\0162093-sht-500.dgn

CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	LIGHTING/ITS		
				90% FED	100% STATE	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE
				0004	0004	0013	0010	0010	0010	0010	0010	0044	0044	0044	0044	0044	0044	0044	0021
				URBAN	URBAN	016-0461	016-1706	016-1714	016-1715	016-1718	016-1803	016-1805	016-1833	016-1834	016-1835	016-2311	URBAN		
* 87900200	DRILL EXISTING HANDHOLE	EACH	2														2		
* 87900205	DRILL EXISTING HEAVY DUTY HANDHOLE	EACH	15														15		
* 89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	3,790														3,790		
* 89502380	REMOVE EXISTING HANDHOLE	EACH	4														4		
X0100015	GRANULAR BACKFILL SPECIAL	CU YD	26.5					19.0	4.8	2.7									
X0200004	HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)	SQ YD	325	325															
* X0320023	CLOSED CIRCUIT TELEVISION DOME CAMERA, HD	EACH	4														4		
X0320051	CROSSHOLE SONIC LOGGING ACCESS DUCTS	FOOT	6,353			100	498	1,857	3,118	780									
X0320052	CROSSHOLE SONIC LOGGING TESTING	EACH	31			1	3	8	17	2									
X0321750	REMOVE TEMPORARY CONCRETE BARRIER, STATE OWNED	FOOT	2,949	2,949															
X0321837	REMOVE SHEET PILING	L SUM	1									1							
* X0322141	REMOVE TEMPORARY WOOD POLE	EACH	1														1		
* X0322433	LIGHT TOWER, SERVICE PAD	EACH	1														1		
* X0322441	DIGITAL LOOP DETECTOR SENSOR UNIT (4 CHANNEL)	EACH	3														3		

\* DENOTES SPECIALTY ITEM      \*\* DENOTES NON-PARTICIPATING ITEM      % 0042



0160X93-sht-500.dgn  
 USER NAME = bjmjenus  
 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 7/31/2018

DESIGNED - **MHW**  
 DRAWN - **BWD**  
 CHECKED - **JMG**  
 DATE - 7/30/2018

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE      SHEET 19 OF 29 SHEETS      STA.      TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	25
CONTRACT NO. 60X93			ILLINOIS FED. AID PROJECT	

FILE PATH = p:\6179-P\INT-DESIGN\Line\local\FEC\CDL\_0502\_MN\Documents\01\_America\Transportation\62259538\_Circle\Phase\_11\2018\_CAD\006\_Roadway\Sheet\62259538\_Contract\0162259538-ant-500.dgn

CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	LIGHTING/ITS		
				90% FED		90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE
				0004	0004	0013	0010	0010	0010	0010	0010	0044	0044	0044	0044	0044	0044	0044	0021
				URBAN	URBAN	016-0461	016-1706	016-1714	016-1715	016-1718	016-1803	016-1805	016-1833	016-1834	016-1835	016-2311	URBAN		
* X0322442	TONE EQUIPMENT - 3 FREQUENCY RECEIVER PROGRAMMABLE	EACH	10														10		
* X0322443	TONE EQUIPMENT - 3 FREQUENCY TRANSMITTER PROGRAMMABLE	EACH	10														10		
X0323553	ORNAMENTAL FENCE, WROUGHT IRON	FOOT	35	35															
X0323569	STEEL POST REMOVAL	EACH	5	5															
* X0324181	DISCONNECT SIGN LIGHTING AND REMOVE WIRING TO NEAREST SPLICE	EACH	2														2		
* X0324597	CLOSED CIRCUIT TELEVISION CABINET	EACH	1														1		
* X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	319														319		
* X0325040	FIBER OPTIC INNERDUCT 1 1/4" DIA.	FOOT	4,607														4,607		
* X0325207	TELEVISION INSPECTION OF SEWER	FOOT	4,270	4,270															
X0325318	LIGHTWEIGHT CELLULAR CONCRETE FILL	CU YD	11,355								1,447	5,618	170	2,678	1,442				
X0325349	TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)	FOOT	3,325.0	3,325.0															
X0325391	EXPANDED POLYSTYRENE FILL	CU YD	1,603								1,603								

\* DENOTES SPECIALTY ITEM      \*\* DENOTES NON-PARTICIPATING ITEM      % 0042



0160X93-sht-500.dgn  
 USER NAME = bm\_janus  
 PLOT SCALE = 20.0000 ' / in.  
 PLOT DATE = 7/31/2018

DESIGNED - MJL  
 DRAWN - BMJ  
 CHECKED - JMG  
 DATE - 7/30/2018

REVISED -  
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 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE      SHEET 20 OF 29 SHEETS      STA.      TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	26
CONTRACT NO. 60X93			ILLINOIS FED. AID PROJECT	

FILE PATH = p:\61779-P\INT-DESIGN\Line\local\FEC\CDL\_0502\_MN\Documents\01\_Americas\Transportation\60259538\_Circle\Phase\_11\2018\_CAD\006\_Roadway\Sheet\60X93\_Contract\0160X93-sht-500.dgn

CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	LIGHTING/ITS		
				90% FED	100% STATE	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE
				0004	0004	0013	0010	0010	0010	0010	0010	0044	0044	0044	0044	0044	0044	0044	0021
				URBAN	URBAN	016-0461	016-1706	016-1714	016-1715	016-1718	016-1803	016-1805	016-1833	016-1834	016-1835	016-2311	URBAN		
X0325410	PILE REMOVAL	FOOT	250	250															
* X0325815	REMOVE EXISTING CABLE	FOOT	1,453														1,453		
* X0326461	CLOSED CIRCUIT TELEVISION EQUIPMENT, FIBER OPTIC DISTRIBUTION	EACH	1														1		
X0326694	PLUG EXISTING STORM SEWERS	CU YD	1.1	1.1															
** X0326801	COMBINED SEWERS TO BE CLEANED	FOOT	842		842														
* X0326948	CLOSED CIRCUIT TELEVISION CAMERA STRUCTURE, 50 FT. MOUNTING HEIGHT	EACH	1														1		
* X0327117	ATMS SYSTEM INTEGRATION	L SUM	1														1		
X0327139	AGGREGATE COLUMN GROUND IMPROVEMENT	L SUM	1.0										0.8	0.2					
X0327267	SLOPE INCLINOMETER	EACH	2									2							
X0327357	CONSTRUCTION VIBRATION MONITORING	L SUM	1	1															
* X0327561	BUDGETARY ALLOWANCE FOR CCTV INTEGRATION	L SUM	1														1		
* X0327607	FIBER OPTIC SPLICE-MAINLINE	EACH	1														1		
* X0327616	MAINTAINING ITS DURING CONSTRUCTION	CAL MO	22														22		
X0327649	SOIL RETENTION SYSTEM	SQ FT	758						758										

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 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE      SHEET 21 OF 29 SHEETS      STA.      TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	27
CONTRACT NO. 60X93			ILLINOIS FED. AID PROJECT	

FILE PATH = p:\6179-P\INT-DESIGN\Line\local\FECOM\_0502\_MN\Documents\01\_Americas\Transportation\60259538\_Circle\Phase\_1\2006\_CAD\006\_Roadway\Sheet\60X93\_Contract\0160X93-sht-500.dgn

CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	LIGHTING/ITS		
				90% FED		90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE
				0004	0004	0013	0010	0010	0010	0010	0010	0044	0044	0044	0044	0044	0044	0044	0021
				URBAN	URBAN	016-0461	016-1706	016-1714	016-1715	016-1718	016-1803	016-1805	016-1833	016-1834	016-1835	016-2311	URBAN		
X0327650	TEMPORARY DRAINAGE SYSTEM NO. 1	L SUM	1			1													
X0327756	STAINLESS STEEL CABLE PLANT SUPPORT SYSTEM	L SUM	1													1			
X0327757	FOUNDATION CONSTRUCTION AT EXISTING OBSTRUCTIONS	EACH	11						4	7									
* X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	78,090	78,090															
X0370080	COMBINATION CURB AND GUTTER TYPE B V.12 (CDOT)	FOOT	323	323															
* X1200007	TEMPORARY WOOD POLE, 80 FEET, CLASS 4	EACH	1														1		
* X1400149	LUMINAIRE, LED, HORIZONTAL MOUNT, TYPE C	EACH	3														3		
* X1400172	ELECTRIC CABLE IN CONDUIT, COMMUNICATION, NO. 19 6 PAIR	FOOT	219														219		
* X1400240	FIBER OPTIC CABLE IN CONDUIT, 96 FIBERS, SINGLE MODE	FOOT	7,575														7,575		
* X1400249	LUMINAIRE, UNDERPASS, LED, TYPE C	EACH	34														34		
* X1400256	JUNCTION, BOX TYPE J, 41" X 12" X 9"	EACH	13														13		
* X1400259	LUMINAIRE, HIGHMAST LED, TYPE D	EACH	12														12		
X1700036	CONCRETE BARRIER BASE (SPECIAL NO. 1)	FOOT	2,028	2,028															
X1700037	CONCRETE BARRIER BASE (SPECIAL NO. 2)	FOOT	2,045	2,045															

\* DENOTES SPECIALTY ITEM      \*\* DENOTES NON-PARTICIPATING ITEM      % 0042



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 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE      SHEET 22 OF 29 SHEETS      STA.      TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	28
CONTRACT NO. 60X93			ILLINOIS FED. AID PROJECT	



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CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	LIGHTING/ITS		
				90% FED		90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE
				0004	0004	0013	0010	0010	0010	0010	0010	0044	0044	0044	0044	0044	0044	0044	0021
				URBAN	URBAN	016-0461	016-1706	016-1714	016-1715	016-1718	016-1803	016-1805	016-1833	016-1834	016-1835	016-2311	URBAN		
X1700038	CONCRETE BARRIER BASE (SPECIAL NO. 3)	FOOT	40	40															
X1700039	CONCRETE BARRIER BASE (SPECIAL NO. 4)	FOOT	44	44															
X1700040	CONCRETE BARRIER BASE (SPECIAL NO. 5)	FOOT	62	62															
X1700041	CONCRETE BARRIER BASE (SPECIAL NO. 6)	FOOT	16	16															
X1700044	CONCRETE BARRIER WALL, VERTICAL FACE (SPECIAL)	FOOT	60	60															
X2011000	TEMPORARY FENCE (SPECIAL)	FOOT	335	335															
X2020410	EARTH EXCAVATION (SPECIAL)	CU YD	170.0					37.0	119.0	14.0									
* X2700007	GROOVING FOR RECESSED PAVEMENT MARKING, 12"	FOOT	539	539															
X4200950	HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)	SQ YD	474	474															
* X4240800	DETECTABLE WARNINGS (SPECIAL)	SQ FT	16	16															
X4400196	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	196	196															
X4402020	CONCRETE MEDIAN SURFACE REMOVAL	SQ FT	14,508	14,508															
X5012502	CONCRETE REMOVAL (SPECIAL)	CU YD	100.0	100.0															
X5030250	BRIDGE DECK GROOVING (LONGITUDINAL)	SQ YD	10,415				641	2,130	6,229	463	330	387		156	79				

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 PLOT DATE = 7/31/2018

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE      SHEET 23 OF 29 SHEETS      STA.      TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	29
CONTRACT NO. 60X93			ILLINOIS FED. AID PROJECT	

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CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	LIGHTING/ITS		
				90% FED	100% STATE	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE
				0004	0004	0013	0010	0010	0010	0010	0010	0044	0044	0044	0044	0044	0044	0044	0021
				URBAN	URBAN	016-0461	016-1706	016-1714	016-1715	016-1718	016-1803	016-1805	016-1833	016-1834	016-1835	016-2311	URBAN		
X5080525	BAR SPLICERS, SPECIAL	EACH	1,682			1,682													
X5210090	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 100K	EACH	10				10												
X5210100	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 150K	EACH	50					20	20	10									
X5210110	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 200K	EACH	15					10	5										
X5210120	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 250K	EACH	15				5	5	5										
X5210130	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 300K	EACH	15					5	10										
X5210315	HIGH LOAD MULTI-ROTATIONAL BEARINGS, FIXED - 250K	EACH	10				5	5											
X5210320	HIGH LOAD MULTI-ROTATIONAL BEARINGS, FIXED - 300K	EACH	20					5	10	5									
X5210325	HIGH LOAD MULTI-ROTATIONAL BEARINGS, FIXED - 350K	EACH	5						5										
X5210335	HIGH LOAD MULTI-ROTATIONAL BEARINGS, FIXED - 450K	EACH	5					5											
** X5537700	STORM SEWERS TO BE CLEANED 10"	FOOT	59		59														
** X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	115		115														
** X5537900	STORM SEWERS TO BE CLEANED 15"	FOOT	128		128														
** X5538200	STORM SEWERS TO BE CLEANED 24"	FOOT	482		482														

\* DENOTES SPECIALTY ITEM      \*\* DENOTES NON-PARTICIPATING ITEM      % 0042



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USER NAME = bm.janus	DRAWN - BMJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/31/2018	DATE - 7/30/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE      SHEET 24 OF 29 SHEETS      STA.      TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	30
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X93	



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CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	LIGHTING/ITS		
				90% FED	100% STATE	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE
				0004	0004	0013	0010	0010	0010	0010	0010	0044	0044	0044	0044	0044	0044	0044	0021
				URBAN	URBAN	016-0461	016-1706	016-1714	016-1715	016-1718	016-1803	016-1805	016-1833	016-1834	016-1835	016-2311	URBAN		
X7035100	TEMPORARY EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	166	166															
X7035104	TEMPORARY EPOXY PAVEMENT MARKING - LINE 4"	FOOT	90,083	90,083															
X7035105	TEMPORARY EPOXY PAVEMENT MARKING - LINE 5"	FOOT	16,450	16,450															
X7035106	TEMPORARY EPOXY PAVEMENT MARKING - LINE 6"	FOOT	519	519															
X7035108	TEMPORARY EPOXY PAVEMENT MARKING - LINE 8"	FOOT	26,389	26,389															
X7035112	TEMPORARY EPOXY PAVEMENT MARKING - LINE 12"	FOOT	3,334	3,334															
X7040125	PINNING TEMPORARY CONCRETE BARRIER	EACH	8,411	8,411															
* X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	4,827	4,827															
* X8100863	INTERCEPT EXISTING CONDUIT	EACH	14														14		
* X8102845	UNDERGROUND CONDUIT, PVC, 4" DIA., SCHEDULE 80	FOOT	135														135		
* X8130115	DRILL EXISTING JUNCTION BOX	EACH	8														8		
* X8131168	JUNCTION BOX, NON-METALLIC, EMBEDDED IN STRUCTURE, 21" X 11" X 08"	EACH	9														9		
* X8420502	REMOVAL OF LIGHT TOWER, NO SALVAGE	EACH	2														2		
* X8420510	REMOVAL OF TOWER FOUNDATION	EACH	1														1		

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE      SHEET 26 OF 29 SHEETS      STA.      TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	32
CONTRACT NO. 60X93			ILLINOIS FED. AID PROJECT	

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CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	LIGHTING/ITS		
				90% FED	100% STATE	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE
				0004	0004	0013	0010	0010	0010	0010	0010	0044	0044	0044	0044	0044	0044	0044	0021
				URBAN	URBAN	016-0461	016-1706	016-1714	016-1715	016-1718	016-1803	016-1805	016-1833	016-1834	016-1835	016-2311	URBAN		
* X8440120	REMOVE AND RE-ERECT EXISTING LIGHTING UNIT	EACH	1														1		
* X8710036	FIBER OPTIC CABLE 12 FIBERS, SINGLE MODE	FOOT	1,641														1,641		
* X8730246	ELECTRIC CABLE IN CONDUIT, NO. 19 25 PAIR	FOOT	7,345														7,345		
* X8730312	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 4/C, TWISTED, SHIELDED	FOOT	4,189														4,189		
* X8850109	PREFORMED INDUCTION LOOP	FOOT	387														387		
* X8950425	REMOVE EXISTING TRAFFIC SURVEILLANCE EQUIPMENT	L SUM	1														1		
Z0001899	JACK AND REMOVE EXISTING BEARINGS	EACH	21			21													
Z0004552	APPROACH SLAB REMOVAL	SQ YD	478	478															
* Z0010614	CLEANING EXISTING MANHOLE OR HANDHOLE	EACH	11														11		
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	93			80										13			
Z0012755	STRUCTURAL REPAIR OF CONCRETE (DEPTH GREATER THAN 5 INCHES)	SQ FT	4			4													
Z0013797	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	756	756															
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1															
Z0018002	DRAINAGE SCUPPERS, DS-11	EACH	24			2		20	2										
Z0018004	DRAINAGE SCUPPERS, DS-12	EACH	12			5		7											

\* DENOTES SPECIALTY ITEM      \*\* DENOTES NON-PARTICIPATING ITEM      % 0042



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USER NAME = bm_janus	DRAWN - BMJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/31/2018	DATE - 7/30/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE      SHEET 27 OF 29 SHEETS      STA.      TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	33
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X93	

FILE PATH = p:\6179-P\INT-DESIGN\Line\local\FACCD\0502\_MN\Documents\01\_Americas\Transportation\60259538\_Circle\Phase\_1\2002\_CAD\006\_Roadway\Sheet\60X93\_Contract\0162093-sht-500.dgn

CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	LIGHTING/ITS		
				90% FED	100% STATE	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE
				0004	0004	0013	0010	0010	0010	0010	0010	0044	0044	0044	0044	0044	0044	0044	0021
				URBAN	URBAN	016-0461	016-1706	016-1714	016-1715	016-1718	016-1803	016-1805	016-1833	016-1834	016-1835	016-2311	URBAN		
Z0018800	DRAINAGE SYSTEM	L SUM	1.0			0.1	0.1	0.1	0.6	0.1									
Z0019600	DUST CONTROL WATERING	UNIT	197	197															
Z0022800	FENCE REMOVAL	FOOT	579	579															
Z0028415	GEOTECHNICAL REINFORCEMENT	SQ YD	6,316	6,316															
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	311	311															
* Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	3														3		
* Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	22														22		
Z0034212	MECHANICALLY STABILIZED EARTH RETAINING WALL, SPECIAL	SQ FT	17,794								2,394	7,432	347	4,580	3,041				
Z0034390	MODULAR EXPANSION JOINT 6"	FOOT	59			59													
Z0034806	MODULAR EXPANSION JOINT-SWIVEL 6"	FOOT	150						150										
Z0037300	PAVEMENT GROOVING	SQ YD	9,071	9,071															
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	324					55	38		231								
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1															
Z0062456	TEMPORARY PAVEMENT	SQ YD	10,478	10,478															
Z0073100	TEMPORARY SHORING	EACH	2			2													

\* DENOTES SPECIALTY ITEM      \*\* DENOTES NON-PARTICIPATING ITEM      % 0042



0160X93-sht-500.dgn  
 USER NAME = bmjenus  
 PLOT SCALE = 20.0000 ' / in.  
 PLOT DATE = 7/31/2018

DESIGNED - MJL  
 DRAWN - BMJ  
 CHECKED - JMG  
 DATE - 7/30/2018

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE      SHEET 28 OF 29 SHEETS      STA.      TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	34
CONTRACT NO. 60X93			ILLINOIS FED. AID PROJECT	

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CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	RETAINING WALL	LIGHTING/ITS		
				90% FED	100% STATE	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE
				0004	0004	0013	0010	0010	0010	0010	0010	0044	0044	0044	0044	0044	0044	0044	0021
				URBAN	URBAN	016-0461	016-1706	016-1714	016-1715	016-1718	016-1803	016-1805	016-1833	016-1834	016-1835	016-2311	URBAN		
% Z0076600	TRAINEES	HOUR	3,000	3,000															
% Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	3,000	3,000															
X0320085	MONITORING ADJACENT STRUCTURES	L SUM	1	1															
* X2700022	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - INLAID, 11"	FOOT	539	539															
X1700073	CONCRETE BARRIER WALL (SPECIAL NO. 1)	FOOT	43	43															
X0900071	SHEET PILE REMOVAL, SPECIAL	SQ FT	700	700															
X0327994	CTA PROTECTIVE SHIELD	L SUM	1.00					0.33	0.34	0.33									
X1700074	CONCRETE BARRIER WALL (SPECIAL NO. 7)	FOOT	10	10															
X1700075	CONCRETE BARRIER WALL (SPECIAL NO. 8)	FOOT	75	75															
X1700076	CONCRETE BARRIER WALL (SPECIAL NO. 9)	FOOT	90	90															
X1200216	ABANDON AND FILL EXISTING SEWER	FOOT	10	10															

\* DENOTES SPECIALTY ITEM      \*\* DENOTES NON-PARTICIPATING ITEM      % 0042



0160X93-sht-500.dgn  
 USER NAME = bm\_janus  
 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 7/31/2018

DESIGNED - MJL  
 DRAWN - BMJ  
 CHECKED - JMG  
 DATE - 7/30/2018

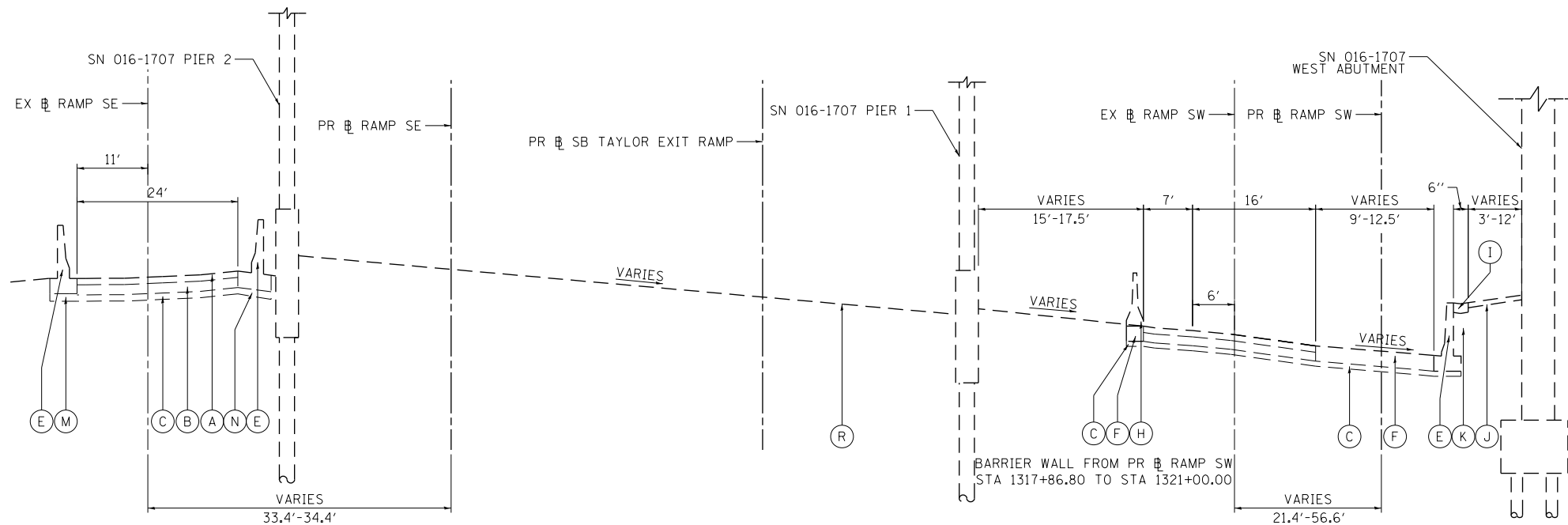
REVISED -  
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE      SHEET 29 OF 29 SHEETS      STA.      TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	35
CONTRACT NO. 60X93			ILLINOIS FED. AID PROJECT	



**EXISTING TYPICAL SECTION  
RAMP SE  
(LOOKING SOUTH)**

COMBINATION CONCRETE CURB  
AND GUTTER, TYPE M-6.24  
FROM EX RAMP SE  
STA 16+47.06 TO STA 17+15.89

PR SB TAYLOR EXIT RAMP  
STA 7402+00.00 TO STA 7404+00.00  
PR RAMP SE  
STA 2399+53.53 TO STA 2401+40.00

FOR ADDITIONAL AGGREGATE SUBGRADE  
IMPROVEMENT (CU YD) USE FOR UNDER CUT  
SEE SHEET 53

**EXISTING**

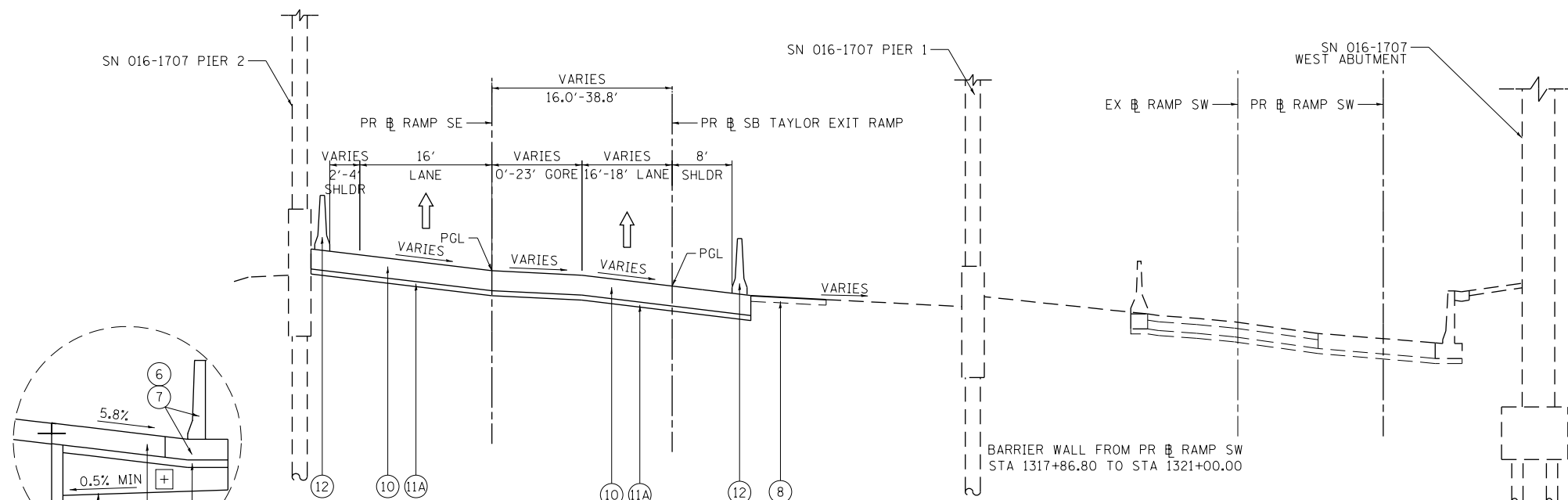
- (A) HOT-MIX ASPHALT PAVEMENT, 4" TO 7"
- (B) PORTLAND CEMENT CONCRETE PAVEMENT, 7" TO 11 1/4"
- (C) GRANULAR SUBBASE, 4" OR 6"
- (D) HOT-MIX ASPHALT SHOULDER, 10"
- (E) CONCRETE BARRIER
- (F) TEMPORARY PAVEMENT
- (G) NOT USED
- (H) TEMPORARY CONCRETE BARRIER
- (I) CONCRETE GUTTER, TYPE B
- (J) CONCRETE MEDIAN SURFACE, 4"
- (K) SELECT GRANULAR BACKFILL
- (L) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- (M) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (N) SUBBASE GRANULAR MATERIAL, 12"
- (O) POROUS GRANULAR EMBANKMENT, SPECIAL, 0" TO 30"
- (P) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
- (Q) SUBBASE GRANULAR MATERIAL, TYPE B 8"
- (R) TOPSOIL, 10" (ASSUMED)
- (S) CONTINUOUSLY REINFORCED PCC PAVEMENT, 13"
- (T) NOT USED
- (U) BITUMINOUS SHOULDER, 13"
- (V) PORTLAND CEMENT CONCRETE SHOULDERS, 11 1/4"

**PROPOSED**

- (1A) PORTLAND CEMENT CONCRETE PAVEMENT, 9" (JOINTED)
- (1B) PORTLAND CEMENT CONCRETE PAVEMENT, 11" (JOINTED)
- (2A) PORTLAND CEMENT CONCRETE SHOULDERS, 9"
- (2B) PORTLAND CEMENT CONCRETE SHOULDERS, 11"
- (3) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- (4) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (5) PORTLAND CEMENT CONCRETE SHOULDERS, 11 1/4"
- (6) CONCRETE BARRIER WALL (OF VARIOUS TYPES, SEE ROADWAY DETAILS)
- (7) CONCRETE BARRIER BASE (OF VARIOUS TYPES, SEE ROADWAY DETAILS)
- (8) TOPSOIL FURNISH AND PLACE, 4" AND SEEDING OR SODDING, (SEE EROSION CONTROL PLANS)
- (9) PIPE UNDERDRAINS, TYPE 2, 6"
- (10) TEMPORARY PAVEMENT (SEE TYPICAL SECTION SHEET 53 FOR DETAILS)
- (11A) SUBBASE GRANULAR MATERIAL, TYPE B 4"
- (11B) SUBBASE GRANULAR MATERIAL, TYPE B 8"
- (12) TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY) AND PINNING TEMPORARY CONCRETE BARRIER
- (13) CONCRETE GUTTER, TYPE B
- (14) #6 TIE BARS, 24" LONG AT 36" C-C (INCLUDED IN BID PRICE FOR PCC SHOULDER OR CURB AND GUTTER)
- (15) #6 TIE BARS, 30" LONG AT 36" C-C (INCLUDED IN BID PRICE FOR PCC PAVEMENT)
- (16) CONCRETE MEDIAN SURFACE, 4 INCH
- (17) ANCHOR SLAB (SEE STRUCTURAL PLANS)
- (18) CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
- (19) POROUS GRANULAR EMBANKMENT
- (20) TOPSOIL FURNISH AND PLACE, 24" AND SEEDING
- (21) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (22) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
- (23) PORTLAND CEMENT CONCRETE PAVEMENT, 11 1/4" (JOINTED)

**NOTES:**

- 1. SEE SHEET 119 TO 120 FOR SUPERELEVATION TRANSITION DETAILS



**PROPOSED TYPICAL SECTION  
RAMP SE/SB TAYLOR EXIT RAMP  
(LOOKING SOUTH)**

PR SB TAYLOR EXIT RAMP  
STA 7402+00.00 TO STA 7402+81.37  
\* STA 7402+81.37 TO STA 7404+00.00  
PR RAMP SE  
STA 2399+53.53 TO STA 2401+40.00

**SUBGRADE DRAINAGE DETAIL**

SCALE: NONE  
ALL TYPICAL SECTIONS

⊕ THE ADDITIONAL THICKNESS OF AGGREGATE SUBGRADE IMPROVEMENT UNDER THE SHOULDER TO DRAIN TO THE UNDERDRAINS SHALL BE INCLUDED IN THE COST PER SQ YD OF AGGREGATE SUBGRADE IMPROVEMENT 12".

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D160X93-sht-Typical-01.dgn	DESIGNED - MSB	REVISED -
USER NAME = msbilliot	DRAWN - BMJ	REVISED -
PLOT SCALE = 20.0000' / 1"	CHECKED - MJL	REVISED -
PLOT DATE = 7/30/2018	DATE - 7/30/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

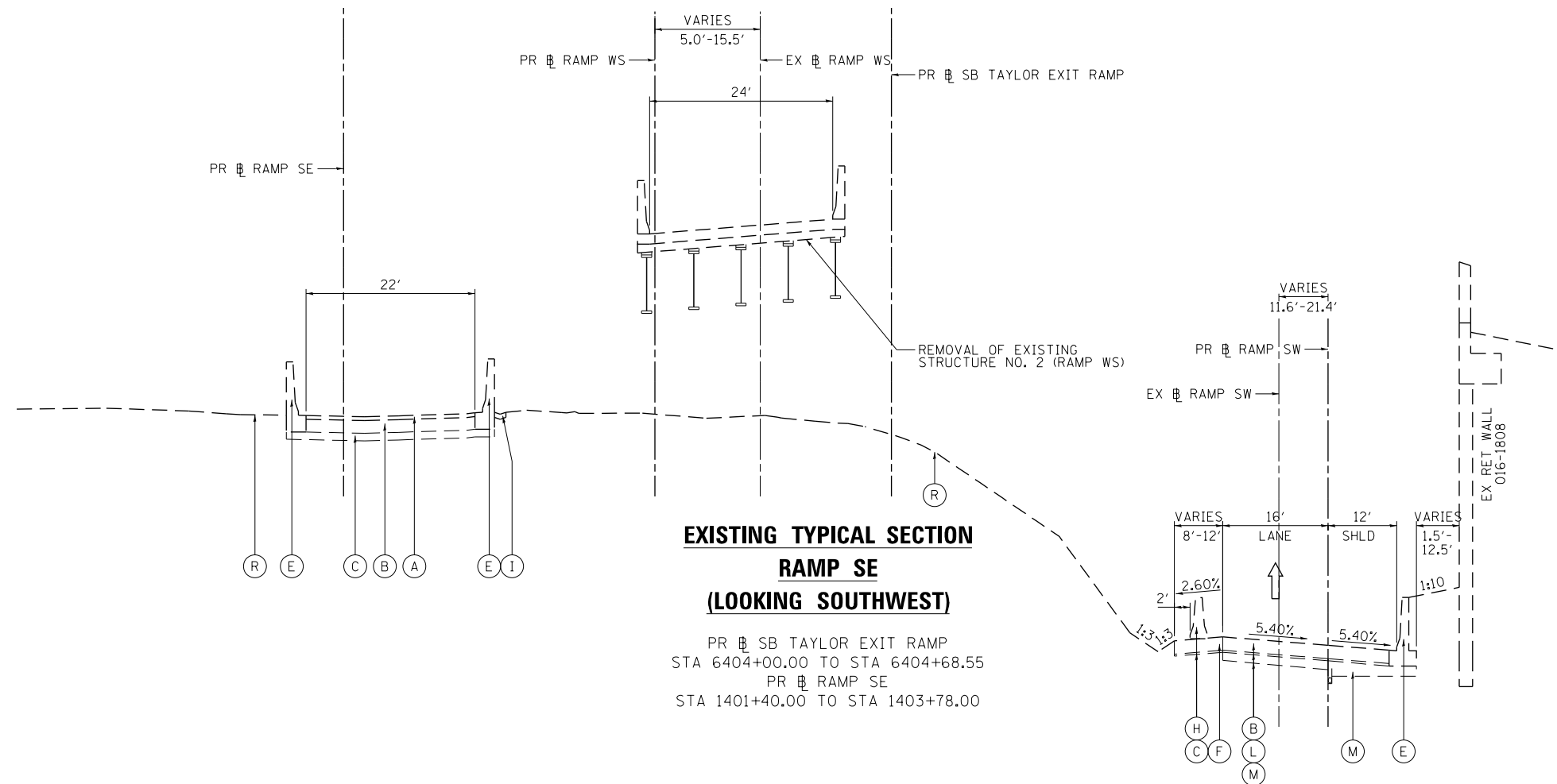
**TYPICAL SECTIONS  
RAMP SE AND SB TAYLOR EXIT RAMP**

SCALE: NONE SHEET 1 OF 18 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	36
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				



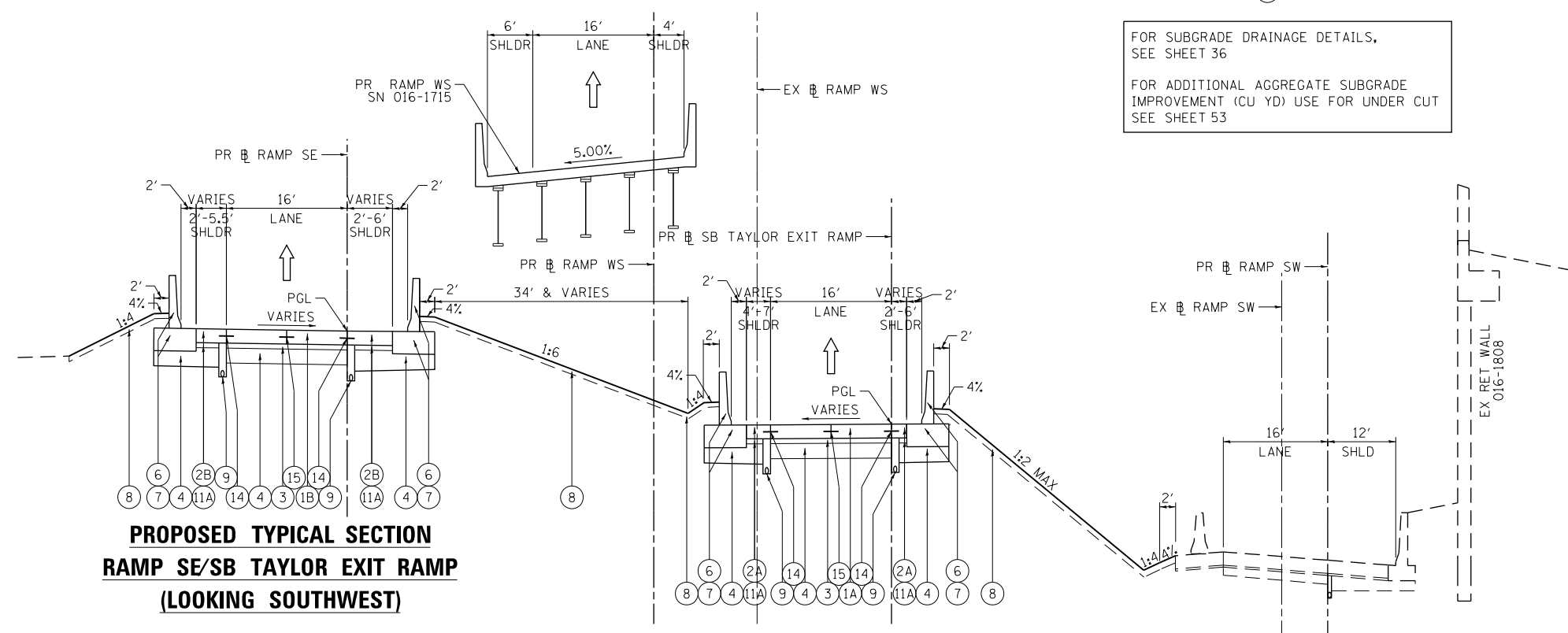
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**EXISTING TYPICAL SECTION  
RAMP SE  
(LOOKING SW)**

PR SB TAYLOR EXIT RAMP  
STA 6404+00.00 TO STA 6404+68.55  
PR RAMP SE  
STA 1401+40.00 TO STA 1403+78.00

- EXISTING**
- (A) HOT-MIX ASPHALT PAVEMENT, 4" TO 7"
  - (B) PORTLAND CEMENT CONCRETE PAVEMENT, 7" TO 11 1/4"
  - (C) GRANULAR SUBBASE, 4" OR 6"
  - (D) HOT-MIX ASPHALT SHOULDER, 10"
  - (E) CONCRETE BARRIER
  - (F) TEMPORARY PAVEMENT
  - (G) NOT USED
  - (H) TEMPORARY CONCRETE BARRIER
  - (I) CONCRETE GUTTER, TYPE B
  - (J) CONCRETE MEDIAN SURFACE, 4"
  - (K) SELECT GRANULAR BACKFILL
  - (L) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
  - (M) AGGREGATE SUBGRADE IMPROVEMENT 12"
  - (N) SUBBASE GRANULAR MATERIAL, 12"
  - (O) POROUS GRANULAR EMBANKMENT, SPECIAL, 0" TO 30"
  - (P) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
  - (Q) SUBBASE GRANULAR MATERIAL, TYPE B 8"
  - (R) TOPSOIL, 10" (ASSUMED)
  - (S) CONTINUOUSLY REINFORCED PCC PAVEMENT, 13"
  - (T) NOT USED
  - (U) BITUMINOUS SHOULDER, 13"
  - (V) PORTLAND CEMENT CONCRETE SHOULDERS, 11 1/4"



**PROPOSED TYPICAL SECTION  
RAMP SE/SB TAYLOR EXIT RAMP  
(LOOKING SW)**

PR SB TAYLOR EXIT RAMP  
STA 6404+00.00 TO STA 6404+68.55  
PR RAMP SE  
STA 1401+40.00 TO STA 1403+78.00

FOR SUBGRADE DRAINAGE DETAILS,  
SEE SHEET 36  
FOR ADDITIONAL AGGREGATE SUBGRADE  
IMPROVEMENT (CU YD) USE FOR UNDER CUT  
SEE SHEET 53

- PROPOSED**
- (1A) PORTLAND CEMENT CONCRETE PAVEMENT, 9" (JOINTED)
  - (1B) PORTLAND CEMENT CONCRETE PAVEMENT, 11" (JOINTED)
  - (2A) PORTLAND CEMENT CONCRETE SHOULDERS, 9"
  - (2B) PORTLAND CEMENT CONCRETE SHOULDERS, 11"
  - (3) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
  - (4) AGGREGATE SUBGRADE IMPROVEMENT 12"
  - (5) PORTLAND CEMENT CONCRETE SHOULDERS, 11 1/4"
  - (6) CONCRETE BARRIER WALL (OF VARIOUS TYPES, SEE ROADWAY DETAILS)
  - (7) CONCRETE BARRIER BASE (OF VARIOUS TYPES, SEE ROADWAY DETAILS)
  - (8) TOPSOIL FURNISH AND PLACE, 4" AND SEEDING OR SODDING, (SEE EROSION CONTROL PLANS)
  - (9) PIPE UNDERDRAINS, TYPE 2, 6"
  - (10) TEMPORARY PAVEMENT (SEE TYPICAL SECTION SHEET 53 FOR DETAILS)
  - (11A) SUBBASE GRANULAR MATERIAL, TYPE B 4"
  - (11B) SUBBASE GRANULAR MATERIAL, TYPE B 8"
  - (12) TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY) AND PINNING TEMPORARY CONCRETE BARRIER
  - (13) CONCRETE GUTTER, TYPE B
  - (14) #6 TIE BARS, 24" LONG AT 36" C-C (INCLUDED IN BID PRICE FOR PCC SHOULDER OR CURB AND GUTTER)
  - (15) #6 TIE BARS, 30" LONG AT 36" C-C (INCLUDED IN BID PRICE FOR PCC PAVEMENT)
  - (16) CONCRETE MEDIAN SURFACE, 4 INCH
  - (17) ANCHOR SLAB (SEE STRUCTURAL PLANS)
  - (18) CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
  - (19) POROUS GRANULAR EMBANKMENT
  - (20) TOPSOIL FURNISH AND PLACE, 24" AND SEEDING
  - (21) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
  - (22) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
  - (23) PORTLAND CEMENT CONCRETE PAVEMENT, 11 1/4" (JOINTED)

**NOTES:**  
1. SEE SHEET 119 TO 120 FOR SUPERELEVATION TRANSITION DETAILS



D160X93-sht-Typical-01.dgn  
USER NAME = msbilliot  
PLOT SCALE = 20.0000' / in.  
PLOT DATE = 7/30/2018

DESIGNED - MSB  
DRAWN - BMJ  
CHECKED - MJL  
DATE - 7/30/2018

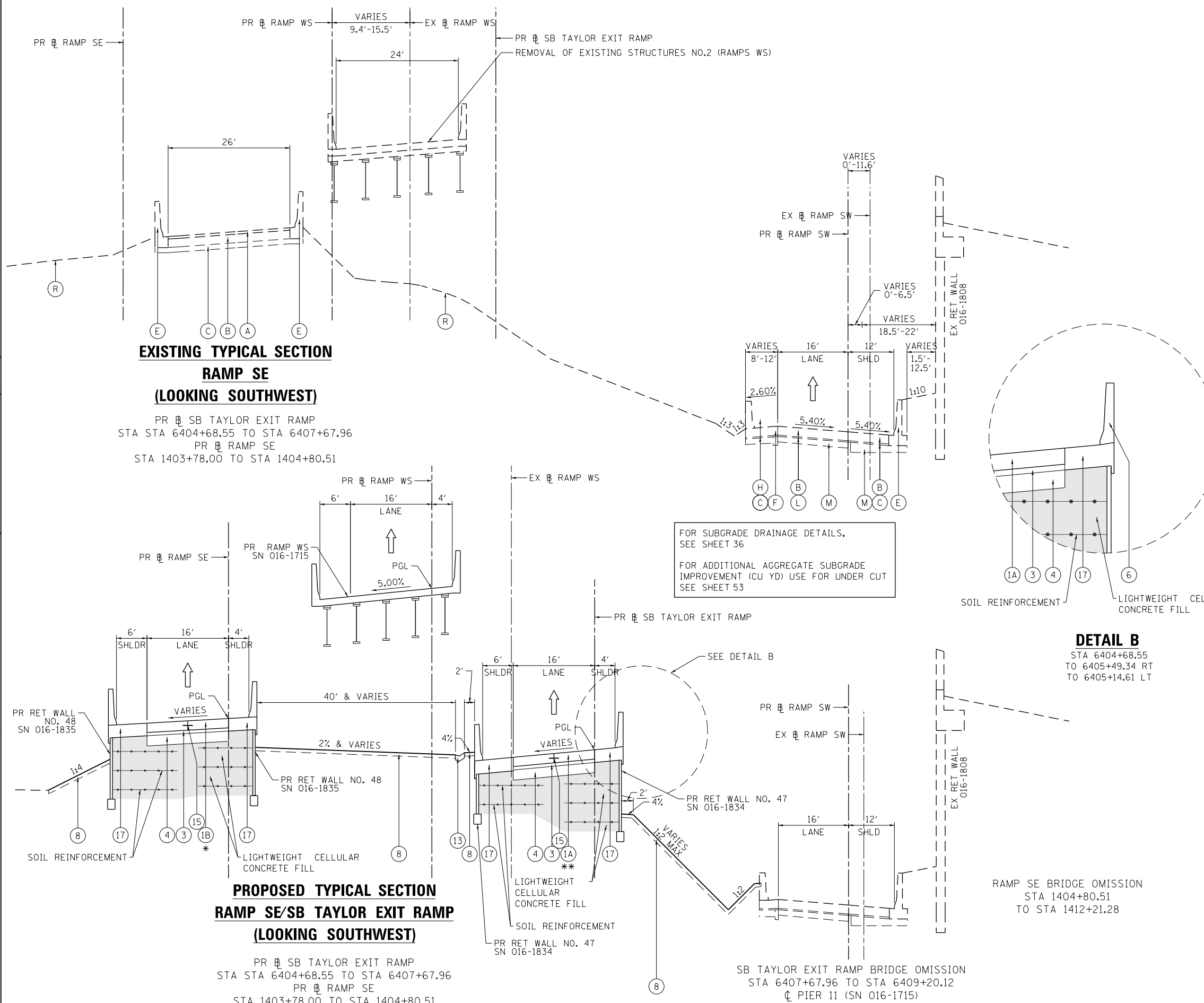
REVISED -  
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REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS  
RAMP SE AND SB TAYLOR EXIT RAMP**  
SCALE: NONE SHEET 2 OF 18 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	37
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

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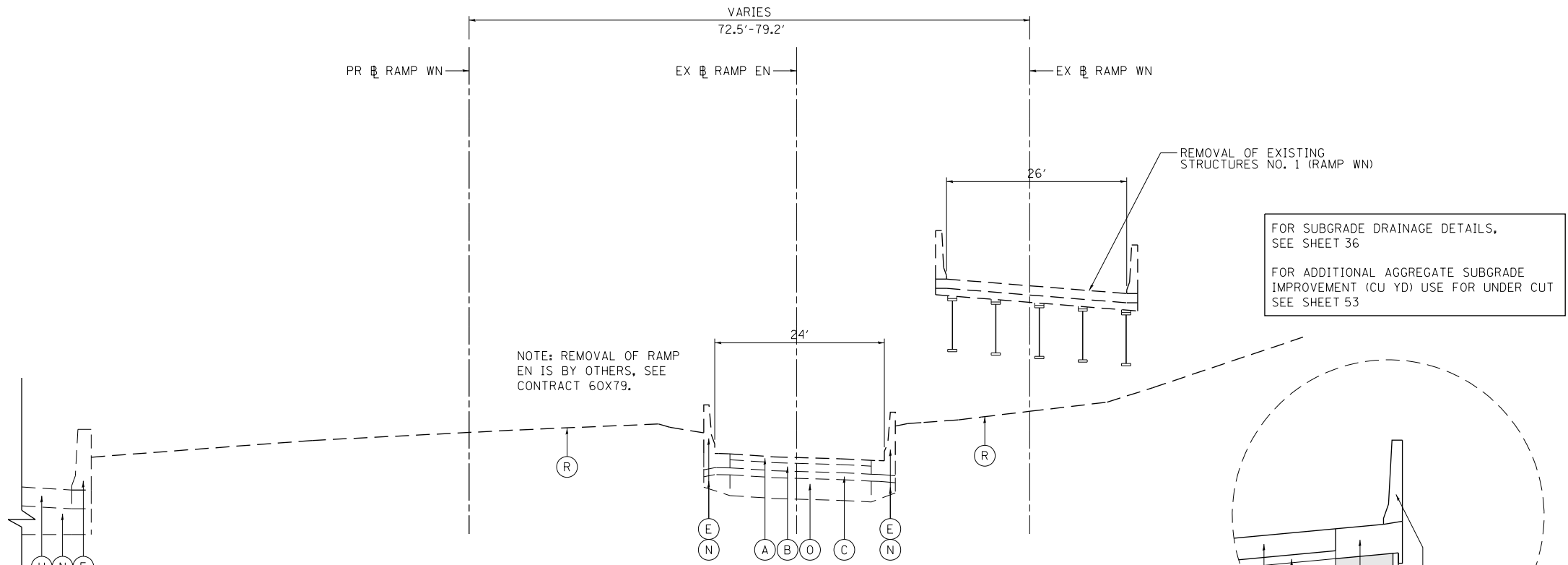


- NOTES:**
- SEE SHEET 119 TO 120 FOR SUPERELEVATION TRANSITION DETAILS
  - \* PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB STA 1404+35.70 TO STA 1404+50.70
  - \*\* PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB STA 6407+25.89 TO STA 6407+36.84

- EXISTING**
- (A) HOT-MIX ASPHALT PAVEMENT, 4" TO 7"
  - (B) PORTLAND CEMENT CONCRETE PAVEMENT, 7" TO 11 1/4"
  - (C) GRANULAR SUBBASE, 4" OR 6"
  - (D) HOT-MIX ASPHALT SHOULDER, 10"
  - (E) CONCRETE BARRIER
  - (F) TEMPORARY PAVEMENT
  - (G) NOT USED
  - (H) TEMPORARY CONCRETE BARRIER
  - (I) CONCRETE GUTTER, TYPE B
  - (J) CONCRETE MEDIAN SURFACE, 4"
  - (K) SELECT GRANULAR BACKFILL
  - (L) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
  - (M) AGGREGATE SUBGRADE IMPROVEMENT 12"
  - (N) SUBBASE GRANULAR MATERIAL, 12"
  - (O) POROUS GRANULAR EMBANKMENT, SPECIAL, 0" TO 30"
  - (P) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
  - (Q) SUBBASE GRANULAR MATERIAL, TYPE B 8"
  - (R) TOPSOIL, 10" (ASSUMED)
  - (S) CONTINUOUSLY REINFORCED PCC PAVEMENT, 13"
  - (T) NOT USED
  - (U) BITUMINOUS SHOULDER, 13"
  - (V) PORTLAND CEMENT CONCRETE SHOULDERS, 11 1/4"

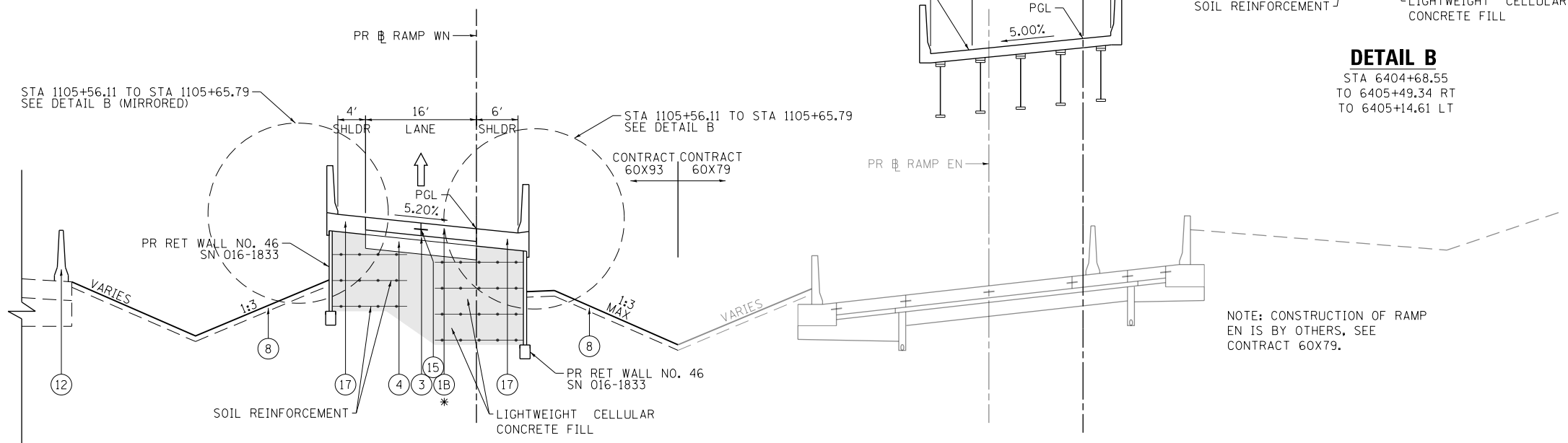
- PROPOSED**
- (1A) PORTLAND CEMENT CONCRETE PAVEMENT, 9" (JOINTED)
  - (1B) PORTLAND CEMENT CONCRETE PAVEMENT, 11" (JOINTED)
  - (2A) PORTLAND CEMENT CONCRETE SHOULDERS, 9"
  - (2B) PORTLAND CEMENT CONCRETE SHOULDERS, 11"
  - (3) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
  - (4) AGGREGATE SUBGRADE IMPROVEMENT 12"
  - (5) PORTLAND CEMENT CONCRETE SHOULDERS, 11 1/4"
  - (6) CONCRETE BARRIER WALL (OF VARIOUS TYPES, SEE ROADWAY DETAILS)
  - (7) CONCRETE BARRIER BASE (OF VARIOUS TYPES, SEE ROADWAY DETAILS)
  - (8) TOPSOIL FURNISH AND PLACE, 4" AND SEEDING OR SODDING, (SEE EROSION CONTROL PLANS)
  - (9) PIPE UNDERDRAINS, TYPE 2, 6"
  - (10) TEMPORARY PAVEMENT (SEE TYPICAL SECTION SHEET 53 FOR DETAILS)
  - (11A) SUBBASE GRANULAR MATERIAL, TYPE B 4"
  - (11B) SUBBASE GRANULAR MATERIAL, TYPE B 8"
  - (12) TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY) AND PINNING TEMPORARY CONCRETE BARRIER
  - (13) CONCRETE GUTTER, TYPE B
  - (14) #6 TIE BARS, 24" LONG AT 36" C-C (INCLUDED IN BID PRICE FOR PCC SHOULDER OR CURB AND GUTTER)
  - (15) #6 TIE BARS, 30" LONG AT 36" C-C (INCLUDED IN BID PRICE FOR PCC PAVEMENT)
  - (16) CONCRETE MEDIAN SURFACE, 4 INCH
  - (17) ANCHOR SLAB (SEE STRUCTURAL PLANS)
  - (18) CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
  - (19) POROUS GRANULAR EMBANKMENT
  - (20) TOPSOIL FURNISH AND PLACE, 24" AND SEEDING
  - (21) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
  - (22) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
  - (23) PORTLAND CEMENT CONCRETE PAVEMENT, 11 1/4" (JOINTED)

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**EXISTING TYPICAL SECTION  
RAMP WN  
(LOOKING NORTHWEST)**

PR RAMP WN  
STA 1105+26.72 TO STA 1105+76.20



**PROPOSED TYPICAL SECTION  
RAMP WN  
(LOOKING NORTHWEST)**

PR RAMP WN  
STA 1105+26.72 TO STA 1105+76.20

**NOTES:**

- SEE SHEET 119 TO 120 FOR SUPERELEVATION TRANSITION DETAILS
- \* PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB STA 1105+56.11 TO STA 1105+76.20

**EXISTING**

- (A) HOT-MIX ASPHALT PAVEMENT, 4" TO 7"
- (B) PORTLAND CEMENT CONCRETE PAVEMENT, 7" TO 11 1/4"
- (C) GRANULAR SUBBASE, 4" OR 6"
- (D) HOT-MIX ASPHALT SHOULDER, 10"
- (E) CONCRETE BARRIER
- (F) TEMPORARY PAVEMENT
- (G) NOT USED
- (H) TEMPORARY CONCRETE BARRIER
- (I) CONCRETE GUTTER, TYPE B
- (J) CONCRETE MEDIAN SURFACE, 4"
- (K) SELECT GRANULAR BACKFILL
- (L) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- (M) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (N) SUBBASE GRANULAR MATERIAL, 12"
- (O) POROUS GRANULAR EMBANKMENT, SPECIAL, 0" TO 30"
- (P) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
- (Q) SUBBASE GRANULAR MATERIAL, TYPE B 8"
- (R) TOPSOIL, 10" (ASSUMED)
- (S) CONTINUOUSLY REINFORCED PCC PAVEMENT, 13"
- (T) NOT USED
- (U) BITUMINOUS SHOULDER, 13"
- (V) PORTLAND CEMENT CONCRETE SHOULDERS, 11 1/4"

**PROPOSED**

- (1A) PORTLAND CEMENT CONCRETE PAVEMENT, 9" (JOINTED)
- (1B) PORTLAND CEMENT CONCRETE PAVEMENT, 11" (JOINTED)
- (2A) PORTLAND CEMENT CONCRETE SHOULDERS, 9"
- (2B) PORTLAND CEMENT CONCRETE SHOULDERS, 11"
- (3) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- (4) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (5) PORTLAND CEMENT CONCRETE SHOULDERS, 11 1/4"
- (6) CONCRETE BARRIER WALL (OF VARIOUS TYPES, SEE ROADWAY DETAILS)
- (7) CONCRETE BARRIER BASE (OF VARIOUS TYPES, SEE ROADWAY DETAILS)
- (8) TOPSOIL FURNISH AND PLACE, 4" AND SEEDING OR SODDING, (SEE EROSION CONTROL PLANS)
- (9) PIPE UNDERDRAINS, TYPE 2, 6"
- (10) TEMPORARY PAVEMENT (SEE TYPICAL SECTION SHEET 53 FOR DETAILS)
- (11A) SUBBASE GRANULAR MATERIAL, TYPE B 4"
- (11B) SUBBASE GRANULAR MATERIAL, TYPE B 8"
- (12) TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY) AND PINNING TEMPORARY CONCRETE BARRIER
- (13) CONCRETE GUTTER, TYPE B
- (14) #6 TIE BARS, 24" LONG AT 36" C-C (INCLUDED IN BID PRICE FOR PCC SHOULDER OR CURB AND GUTTER)
- (15) #6 TIE BARS, 30" LONG AT 36" C-C (INCLUDED IN BID PRICE FOR PCC PAVEMENT)
- (16) CONCRETE MEDIAN SURFACE, 4 INCH
- (17) ANCHOR SLAB (SEE STRUCTURAL PLANS)
- (18) CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
- (19) POROUS GRANULAR EMBANKMENT
- (20) TOPSOIL FURNISH AND PLACE, 24" AND SEEDING
- (21) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (22) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
- (23) PORTLAND CEMENT CONCRETE PAVEMENT, 11 1/4" (JOINTED)



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PLOT SCALE = 20.0000' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 7/30/2018	DATE - 7/30/2018	REVISED -

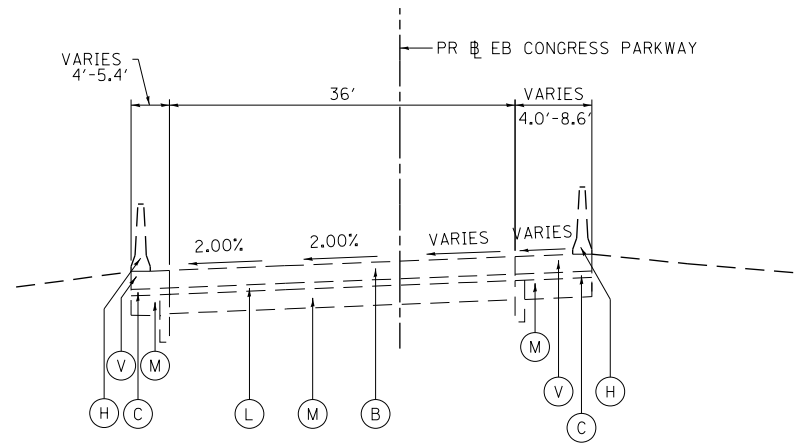
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS  
RAMP WN**

SCALE: NONE SHEET 4 OF 18 SHEETS STA. TO STA.

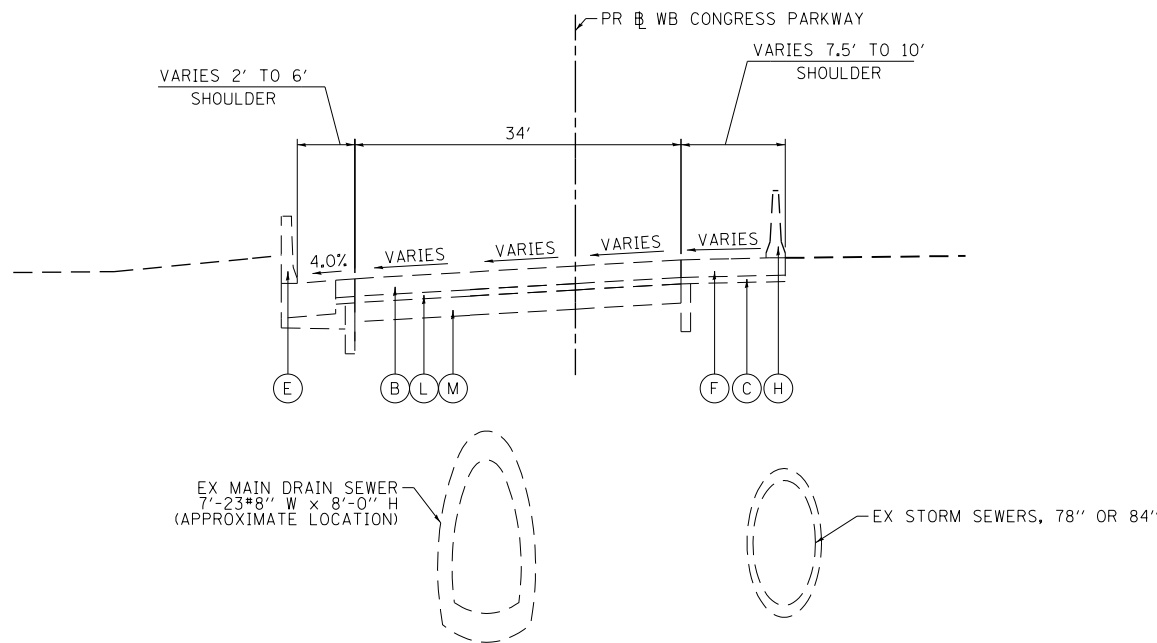
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	39
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

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**EXISTING TYPICAL SECTION  
(LOOKING EAST)**

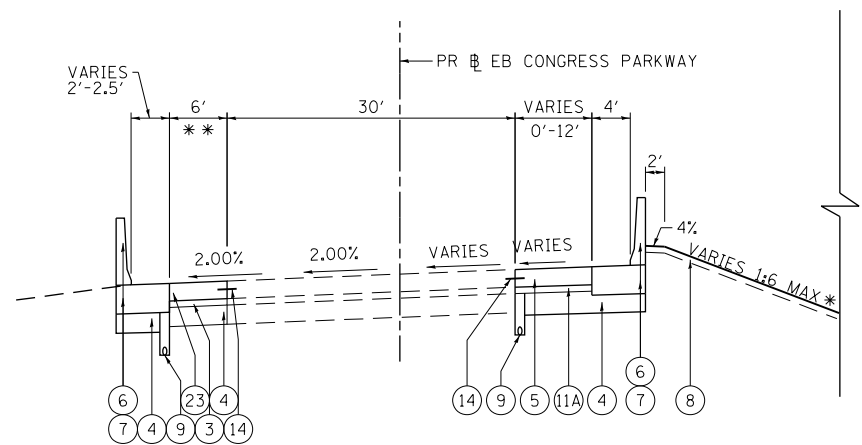
PR EB CONGRESS PARKWAY  
STA 5151+85.70 TO 5155+11.54



**EXISTING TYPICAL SECTION  
(LOOKING WEST)**

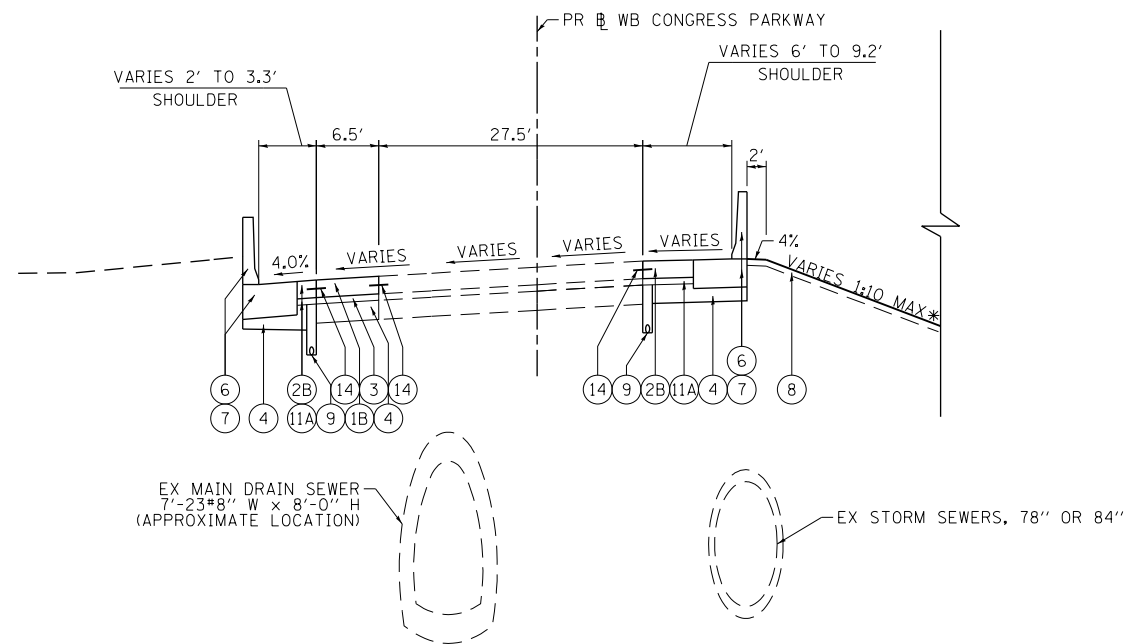
PR WB CONGRESS PARKWAY  
STA 5218+34.62 TO 5221+04.38

FOR SUBGRADE DRAINAGE DETAILS,  
SEE SHEET 36  
  
FOR ADDITIONAL AGGREGATE SUBGRADE  
IMPROVEMENT (CU YD) USE FOR UNDER CUT  
SEE SHEET 53



**PROPOSED TYPICAL SECTION  
(LOOKING EAST)**

PR EB CONGRESS PARKWAY  
STA 5151+85.70 TO 5152+55.00  
\*\* STA 5152+55.00 TO 5153+80.00  
STA 5153+80.00 TO 5155+11.54



**PROPOSED TYPICAL SECTION  
(LOOKING WEST)**

PR WB CONGRESS PARKWAY  
STA 5218+34.62 TO 5221+04.38

**EXISTING**

- (A) HOT-MIX ASPHALT PAVEMENT, 4" TO 7"
- (B) PORTLAND CEMENT CONCRETE PAVEMENT, 7" TO 11 1/4"
- (C) GRANULAR SUBBASE, 4" OR 6"
- (D) HOT-MIX ASPHALT SHOULDER, 10"
- (E) CONCRETE BARRIER
- (F) TEMPORARY PAVEMENT
- (G) NOT USED
- (H) TEMPORARY CONCRETE BARRIER
- (I) CONCRETE GUTTER, TYPE B
- (J) CONCRETE MEDIAN SURFACE, 4"
- (K) SELECT GRANULAR BACKFILL
- (L) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- (M) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (N) SUBBASE GRANULAR MATERIAL, 12"
- (O) POROUS GRANULAR EMBANKMENT, SPECIAL, 0" TO 30"
- (P) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
- (Q) SUBBASE GRANULAR MATERIAL, TYPE B 8"
- (R) TOPSOIL, 10" (ASSUMED)
- (S) CONTINUOUSLY REINFORCED PCC PAVEMENT, 13"
- (T) NOT USED
- (U) BITUMINOUS SHOULDER, 13"
- (V) PORTLAND CEMENT CONCRETE SHOULDERS, 11 1/4"

**PROPOSED**

- (1A) PORTLAND CEMENT CONCRETE PAVEMENT, 9" (JOINTED)
- (1B) PORTLAND CEMENT CONCRETE PAVEMENT, 11" (JOINTED)
- (2A) PORTLAND CEMENT CONCRETE SHOULDERS, 9"
- (2B) PORTLAND CEMENT CONCRETE SHOULDERS, 11"
- (3) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- (4) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (5) PORTLAND CEMENT CONCRETE SHOULDERS, 11 1/4"
- (6) CONCRETE BARRIER WALL (OF VARIOUS TYPES, SEE ROADWAY DETAILS)
- (7) CONCRETE BARRIER BASE (OF VARIOUS TYPES, SEE ROADWAY DETAILS)
- (8) TOPSOIL FURNISH AND PLACE, 4" AND SEEDING OR SODDING, (SEE EROSION CONTROL PLANS)
- (9) PIPE UNDERDRAINS, TYPE 2, 6"
- (10) TEMPORARY PAVEMENT (SEE TYPICAL SECTION SHEET 53 FOR DETAILS)
- (11A) SUBBASE GRANULAR MATERIAL, TYPE B 4"
- (11B) SUBBASE GRANULAR MATERIAL, TYPE B 8"
- (12) TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY) AND PINNING TEMPORARY CONCRETE BARRIER
- (13) CONCRETE GUTTER, TYPE B
- (14) #6 TIE BARS, 24" LONG AT 36" C-C (INCLUDED IN BID PRICE FOR PCC SHOULDER OR CURB AND GUTTER)
- (15) #6 TIE BARS, 30" LONG AT 36" C-C (INCLUDED IN BID PRICE FOR PCC PAVEMENT)
- (16) CONCRETE MEDIAN SURFACE, 4 INCH
- (17) ANCHOR SLAB (SEE STRUCTURAL PLANS)
- (18) CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
- (19) POROUS GRANULAR EMBANKMENT
- (20) TOPSOIL FURNISH AND PLACE, 24" AND SEEDING
- (21) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (22) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
- (23) PORTLAND CEMENT CONCRETE PAVEMENT, 11 1/4" (JOINTED)

**NOTES:**

\* SEE GRADING PLAN FOR ADDITIONAL DETAILS



D160X93-sht-Typical-01.dgn  
USER NAME = msbilliot  
PLOT SCALE = 20.0000' / 1"  
PLOT DATE = 7/30/2018

DESIGNED - MSB  
DRAWN - BMJ  
CHECKED - MJL  
DATE - 7/30/2018

REVISED -  
REVISED -  
REVISED -  
REVISED -

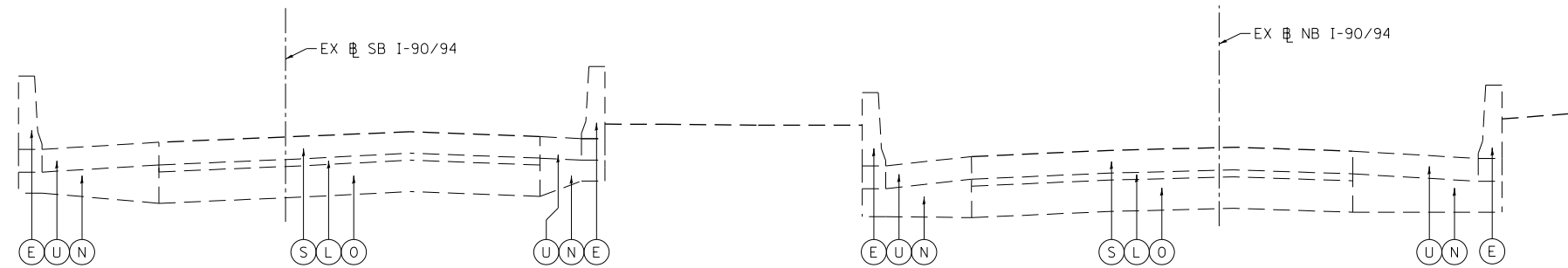
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS  
CONGRESS PARKWAY

SCALE: NONE SHEET 5 OF 18 SHEETS STA. TO STA.

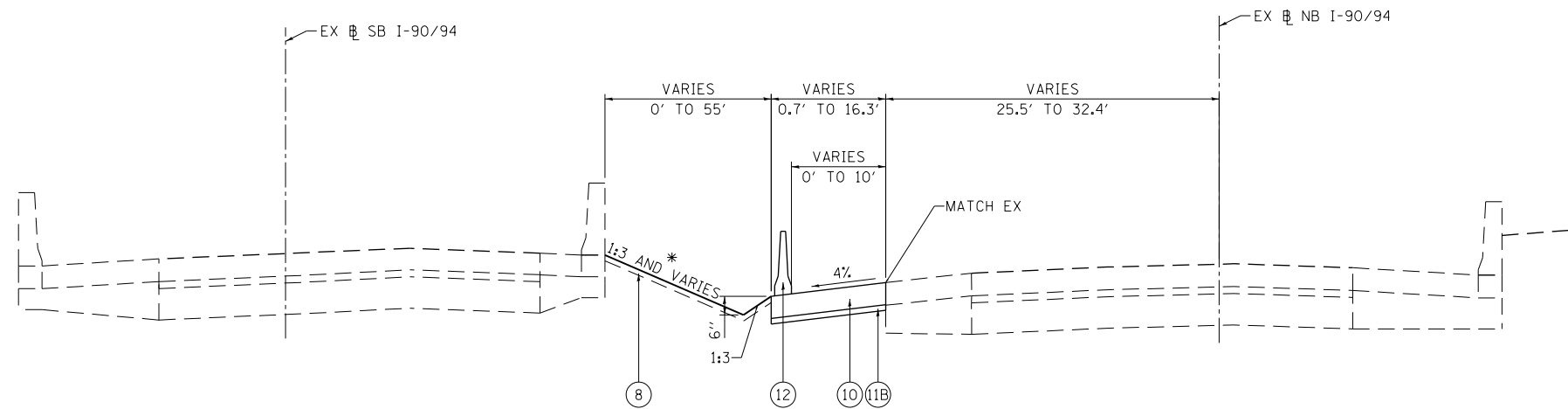
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	40
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

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**EXISTING TYPICAL SECTION  
I-90/94 (LOOKING NORTH)**

EX NB I-90/94  
STA 12+23.62 TO STA 20+20.51



**PROPOSED TYPICAL SECTION  
I-90/94 (LOOKING NORTH)**

EX NB I-90/94  
STA 12+23.62 TO STA 20+20.51

**EXISTING**

- (A) HOT-MIX ASPHALT PAVEMENT, 4" TO 7"
- (B) PORTLAND CEMENT CONCRETE PAVEMENT, 7" TO 11 1/4"
- (C) GRANULAR SUBBASE, 4" OR 6"
- (D) HOT-MIX ASPHALT SHOULDER, 10"
- (E) CONCRETE BARRIER
- (F) TEMPORARY PAVEMENT
- (G) NOT USED
- (H) TEMPORARY CONCRETE BARRIER
- (I) CONCRETE GUTTER, TYPE B
- (J) CONCRETE MEDIAN SURFACE, 4"
- (K) SELECT GRANULAR BACKFILL
- (L) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- (M) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (N) SUBBASE GRANULAR MATERIAL, 12"
- (O) POROUS GRANULAR EMBANKMENT, SPECIAL, 0" TO 30"
- (P) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
- (Q) SUBBASE GRANULAR MATERIAL, TYPE B 8"
- (R) TOPSOIL, 10" (ASSUMED)
- (S) CONTINUOUSLY REINFORCED PCC PAVEMENT, 13"
- (T) NOT USED
- (U) BITUMINOUS SHOULDER, 13"
- (V) PORTLAND CEMENT CONCRETE SHOULDERS, 11 1/4"

**PROPOSED**

- (1A) PORTLAND CEMENT CONCRETE PAVEMENT, 9" (JOINTED)
- (1B) PORTLAND CEMENT CONCRETE PAVEMENT, 11" (JOINTED)
- (2A) PORTLAND CEMENT CONCRETE SHOULDERS, 9"
- (2B) PORTLAND CEMENT CONCRETE SHOULDERS, 11"
- (3) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- (4) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (5) PORTLAND CEMENT CONCRETE SHOULDERS, 11 1/4"
- (6) CONCRETE BARRIER WALL (OF VARIOUS TYPES, SEE ROADWAY DETAILS)
- (7) CONCRETE BARRIER BASE (OF VARIOUS TYPES, SEE ROADWAY DETAILS)
- (8) TOPSOIL FURNISH AND PLACE, 4" AND SEEDING OR SODDING, (SEE EROSION CONTROL PLANS)
- (9) PIPE UNDERDRAINS, TYPE 2, 6"
- (10) TEMPORARY PAVEMENT (SEE TYPICAL SECTION SHEET 53 FOR DETAILS)
- (11A) SUBBASE GRANULAR MATERIAL, TYPE B 4"
- (11B) SUBBASE GRANULAR MATERIAL, TYPE B 8"
- (12) TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY) AND PINNING TEMPORARY CONCRETE BARRIER
- (13) CONCRETE GUTTER, TYPE B
- (14) #6 TIE BARS, 24" LONG AT 36" C-C (INCLUDED IN BID PRICE FOR PCC SHOULDER OR CURB AND GUTTER)
- (15) #6 TIE BARS, 30" LONG AT 36" C-C (INCLUDED IN BID PRICE FOR PCC PAVEMENT)
- (16) CONCRETE MEDIAN SURFACE, 4 INCH
- (17) ANCHOR SLAB (SEE STRUCTURAL PLANS)
- (18) CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
- (19) POROUS GRANULAR EMBANKMENT
- (20) TOPSOIL FURNISH AND PLACE, 24" AND SEEDING
- (21) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (22) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
- (23) PORTLAND CEMENT CONCRETE PAVEMENT, 11 1/4" (JOINTED)

**NOTES:**

\* SEE GRADING PLAN FOR ADDITIONAL DETAILS



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PLOT SCALE = 20.0000' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 7/30/2018	DATE - 7/30/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

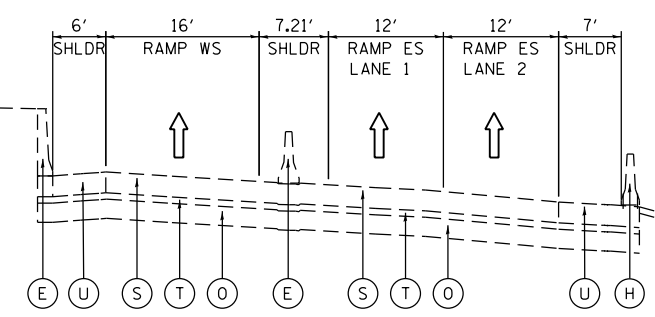
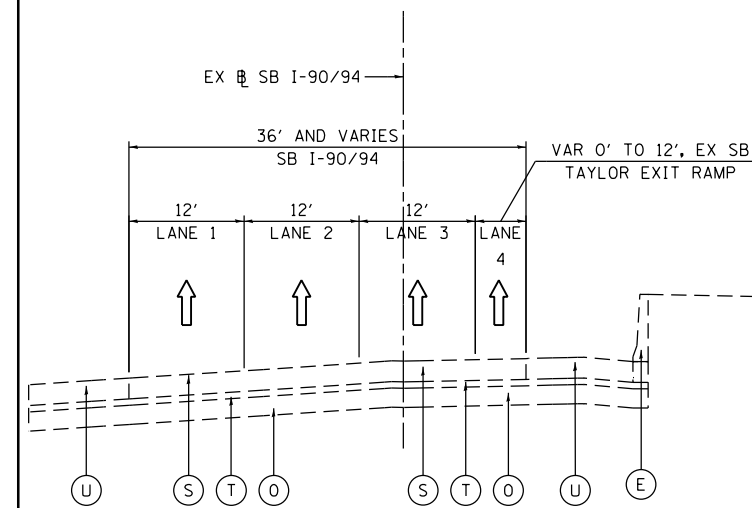
**TYPICAL SECTIONS  
I-90/94**

SCALE: NONE SHEET 6 OF 18 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 60X93			ILLINOIS FED. AID PROJECT	

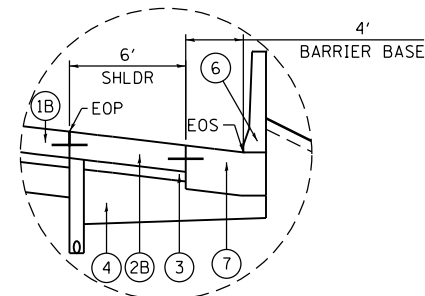


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**EXISTING TYPICAL SECTION  
RAMP ES/RAMP WS  
(LOOKING SOUTH)**

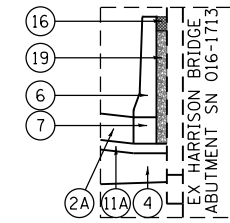
PR RAMP ES  
STA 1510+33.59 TO STA 1513+60.00  
PR EB TAYLOR EXIT RAMP  
STA 7308+79.78 TO STA 7313+08.89



**DETAIL A**

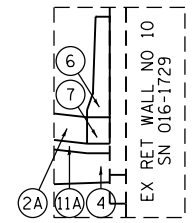
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6 7 STA 1510+33.59 TO STA 1513+60.00  
(PR RAMP ES)



**DETAIL B**

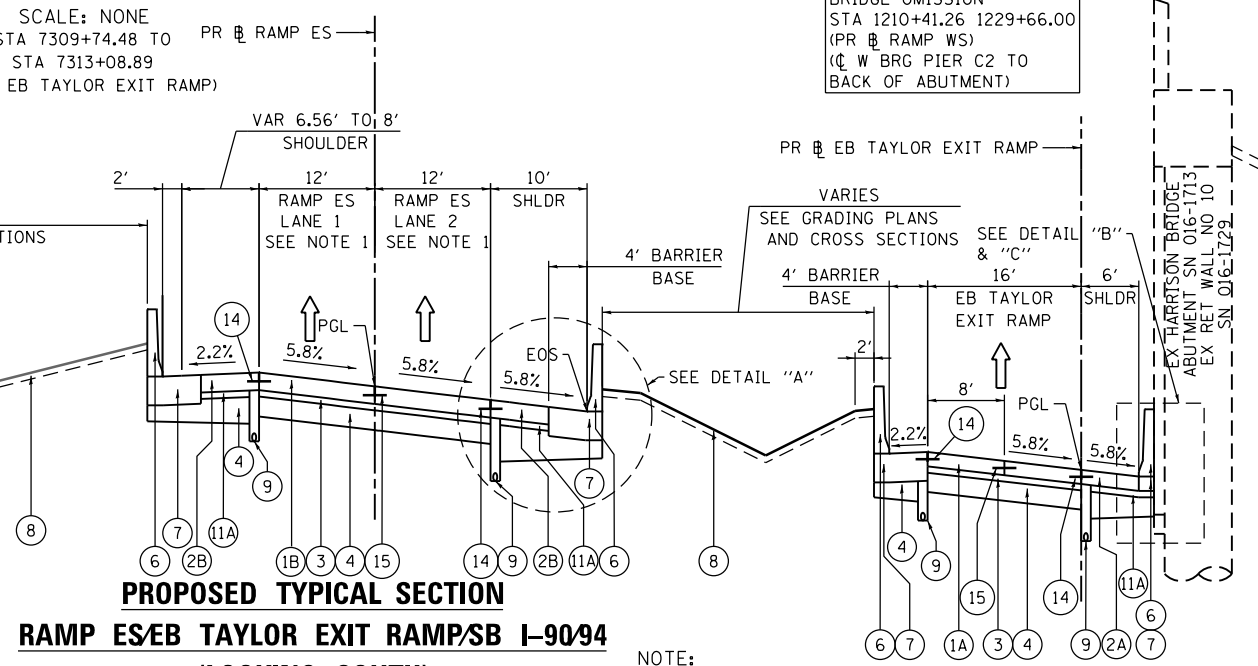
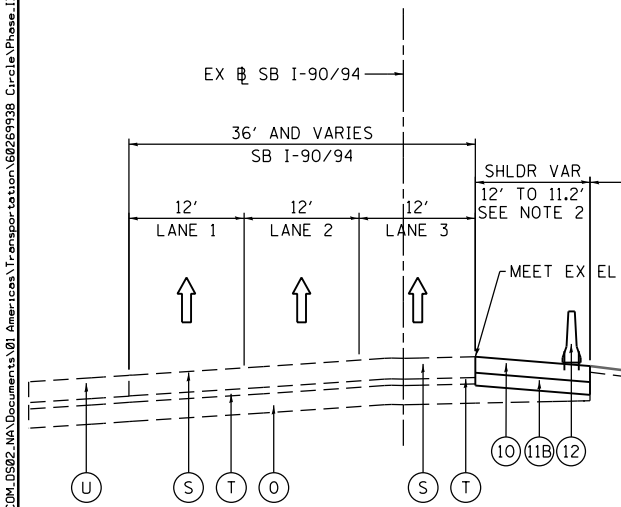
SCALE: NONE  
STA 7308+95.89 TO  
STA 7309+74.48  
(PR EB TAYLOR EXIT RAMP)



**DETAIL C**

SCALE: NONE  
STA 7309+74.48 TO  
STA 7313+08.89  
(PR EB TAYLOR EXIT RAMP)

FOR SUBGRADE DRAINAGE DETAIL  
SEE DETAIL "A" ON SHEET 36  
FOR ADDITIONAL AGGREGATE SUBGRADE  
IMPROVEMENT (CU YD) USED FOR  
UNDERCUT SEE SHEET 53

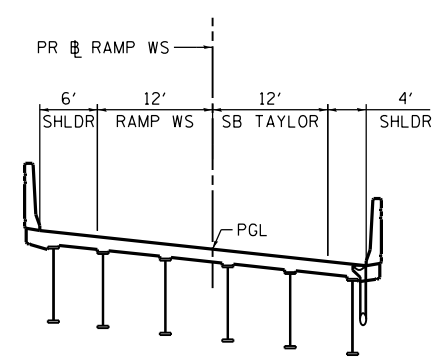


**PROPOSED TYPICAL SECTION  
RAMP E/EB TAYLOR EXIT RAMP/SB I-90/94  
(LOOKING SOUTH)**

PR RAMP ES  
STA 1510+33.59 TO STA 1513+60.00  
PR EB TAYLOR EXIT RAMP  
STA 7308+79.78 TO STA 7313+08.89

NOTE:

1. END RAMP ES PERMANENT PAVEMENT AT STA 1513+60.00 (PR RAMP ES)
2. BEGIN SHOULDER (TEMPORARY PAVEMENT) STA 8+60.63 (EX SB I-90/94)



PR RAMP WS BRIDGE  
SN 016-1715  
BRIDGE OMISSION  
STA 1210+41.26 1229+66.00  
(PR RAMP WS)  
(C W BRG PIER C2 TO  
BACK OF ABUTMENT)

**EXISTING**

- (A) HOT-MIX ASPHALT PAVEMENT, 4" TO 7"
- (B) PORTLAND CEMENT CONCRETE PAVEMENT, 7" TO 11 1/4"
- (C) GRANULAR SUBBASE, 4" OR 6"
- (D) HOT MIX ASPHALT SHOULDER, 10"
- (E) CONCRETE BARRIER
- (F) TEMPORARY PAVEMENT
- (G) NOT USED
- (H) TEMPORARY CONCRETE BARRIER
- (I) CONCRETE GUTTER, TYPE B
- (J) CONCRETE MEDIAN SURFACE, 4"
- (K) SELECT GRANULAR BACKFILL
- (L) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- (M) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (N) SUBBASE GRANULAR MATERIAL, 12"
- (O) POROUS GRANULAR EMBANKMENT, SPECIAL, 0" TO 30"
- (P) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
- (Q) SUBBASE GRANULAR MATERIAL, TYPE B 8"
- (R) TOPSOIL, 10" (ASSUMED)
- (S) CONTINUOUSLY REINFORCED PCC PAVEMENT, 13"
- (T) NOT USED
- (U) BITUMINOUS SHOULDER, 13"
- (V) PORTLAND CEMENT CONCRETE SHOULDERS, 11 1/4"

**PROPOSED**

- (1A) PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)
- (1B) PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)
- (2A) PORTLAND CEMENT CONCRETE SHOULDERS 9"
- (2B) PORTLAND CEMENT CONCRETE SHOULDERS 11"
- (3) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- (4) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (5) PORTLAND CEMENT CONCRETE SHOULDERS, 11 1/4"
- (6) CONCRETE BARRIER WALL (OF VARIOUS TYPES, SEE ROADWAY DETAILS)
- (7) CONCRETE BARRIER BASE (OF VARIOUS TYPES, SEE ROADWAY DETAILS)
- (8) TOPSOIL FURNISH AND PLACE, 4" AND SEEDING OR SODDING, (SEE EROSION CONTROL PLANS)
- (9) PIPE UNDERDRAINS, TYPE 2, 6"
- (10) TEMPORARY PAVEMENT (SEE TYPICAL SECTION SHEET 53 FOR DETAILS)
- (11A) SUBBASE GRANULAR MATERIAL, TYPE B 4"
- (11B) SUBBASE GRANULAR MATERIAL, TYPE B 8"
- (12) TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY) AND PINNING TEMPORARY CONCRETE BARRIER
- (13) CONCRETE GUTTER, TYPE B
- (14) #6 TIE BARS, 24" LONG AT 36" C-C (INCLUDED IN PRICE FOR BID FOR PCC SHOULDER OR CURB AND GUTTER)
- (15) #6 TIE BARS, 30" LONG AT 36" C-C (INCLUDED IN PRICE FOR BID FOR PCC PAVEMENT)
- (16) CONCRETE MEDIAN SURFACE, 4 INCH
- (17) ANCHOR SLAB (SEE STRUCTURAL PLANS)
- (18) CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
- (19) POROUS GRANULAR EMBANKMENT
- (20) TOPSOIL FURNISH AND PLACE, 24" AND SEEDING
- (21) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (22) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
- (23) PORTLAND CEMENT CONCRETE PAVEMENT 11 1/4" (JOINTED)



D160x93-sht-Typical-02.dgn  
USER NAME = pimsarno  
PLOT SCALE = 20.0000' / in.  
PLOT DATE = 7/30/2018

DESIGNED - OPS  
DRAWN - OPS  
CHECKED - MJE  
DATE - 7/30/2018

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

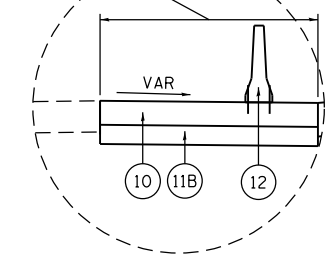
TYPICAL SECTIONS  
RAMP ES, RAMP WS AND EB TAYLOR EXIT RAMP  
SCALE: NONE SHEET 8 OF 18 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	43
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				



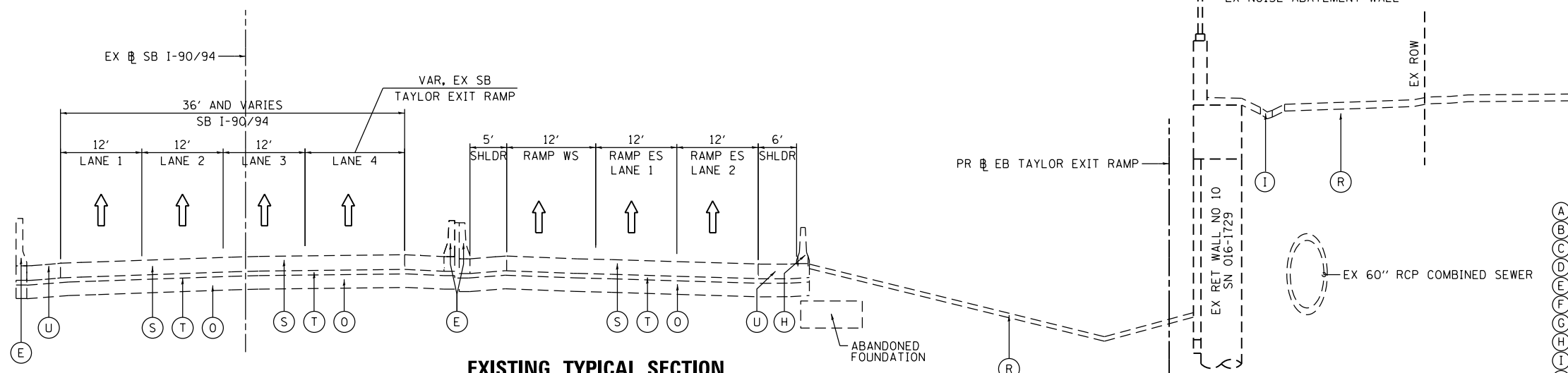


VARIES, SEE GORE DETAILS FOR CROSS SLOPES



**DETAIL A**

10 11B GORE BEGINS AT STA 6+16.63 (EX SB I-90/94) SEE GORE GRADING DETAILS

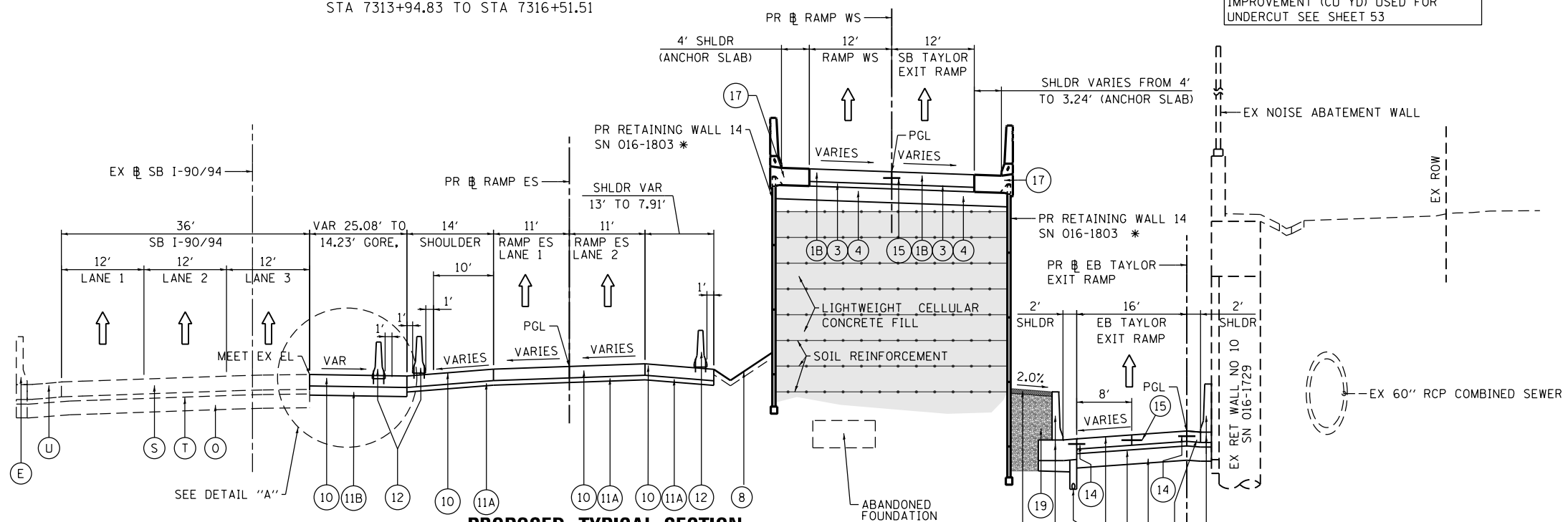


**EXISTING TYPICAL SECTION  
RAMP ESRAMP WS  
(LOOKING SOUTH)**

PR RAMP ES STA 1515+10.58 TO STA 1516+76.41  
EX SB I-90/94 STA 4+51.41 TO 6+17.41  
PR RAMP EB TAYLOR EXIT RAMP STA 7313+94.83 TO STA 7316+51.51

PR RAMP WS STA 1230+53.48 TO STA 1231+81.19  
PR SB TAYLOR EXIT RAMP STA 6417+52.04 TO 6419+36.67

FOR SUBGRADE DRAINAGE DETAIL SEE DETAIL "A" ON SHEET 36  
FOR ADDITIONAL AGGREGATE SUBGRADE IMPROVEMENT (CU YD) USED FOR UNDERCUT SEE SHEET 53



**PROPOSED TYPICAL SECTION  
RAMP ESEB TAYLOR EXIT RAMP/RAMP WS/SB TAYLOR EXIT RAMP  
(LOOKING SOUTH)**

PR RAMP ES STA 1515+14.04 TO STA 1516+76.41  
EX SB I-90/94 STA 4+51.41 TO 6+17.41  
PR RAMP EB TAYLOR EXIT RAMP STA 7313+94.83 TO STA 7316+51.51

PR RAMP WS STA 1230+53.48 TO STA 1231+81.19  
PR SB TAYLOR EXIT RAMP STA 6417+52.04 TO 6419+36.67

\* PR RET WALL 14 (MSE WALL) STA 1230+53.48 TO STA 1231+81.19

**EXISTING**

- (A) HOT-MIX ASPHALT PAVEMENT, 4" TO 7"
- (B) PORTLAND CEMENT CONCRETE PAVEMENT, 7" TO 11 1/4"
- (C) GRANULAR SUBBASE, 4" OR 6"
- (D) HOT MIX ASPHALT SHOULDER, 10"
- (E) CONCRETE BARRIER
- (F) TEMPORARY PAVEMENT
- (G) NOT USED
- (H) TEMPORARY CONCRETE BARRIER
- (I) CONCRETE GUTTER, TYPE B
- (J) CONCRETE MEDIAN SURFACE, 4"
- (K) SELECT GRANULAR BACKFILL
- (L) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- (M) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (N) SUBBASE GRANULAR MATERIAL, 12"
- (O) POROUS GRANULAR EMBANKMENT, SPECIAL, 0" TO 30"
- (P) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
- (Q) SUBBASE GRANULAR MATERIAL, TYPE B 8"
- (R) TOPSOIL, 10" (ASSUMED)
- (S) CONTINUOUSLY REINFORCED PCC PAVEMENT, 13"
- (T) NOT USED
- (U) BITUMINOUS SHOULDER, 13"
- (V) PORTLAND CEMENT CONCRETE SHOULDERS, 11 1/4"

**PROPOSED**

- (1A) PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)
- (1B) PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)
- (2A) PORTLAND CEMENT CONCRETE SHOULDERS 9"
- (2B) PORTLAND CEMENT CONCRETE SHOULDERS 11"
- (3) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- (4) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (5) PORTLAND CEMENT CONCRETE SHOULDERS, 11 1/4"
- (6) CONCRETE BARRIER WALL (OF VARIOUS TYPES, SEE ROADWAY DETAILS)
- (7) CONCRETE BARRIER BASE (OF VARIOUS TYPES, SEE ROADWAY DETAILS)
- (8) TOPSOIL FURNISH AND PLACE, 4" AND SEEDING OR SODDING, (SEE EROSION CONTROL PLANS)
- (9) PIPE UNDERDRAINS, TYPE 2, 6"
- (10) TEMPORARY PAVEMENT (SEE TYPICAL SECTION SHEET 53 FOR DETAILS)
- (11A) SUBBASE GRANULAR MATERIAL, TYPE B 4"
- (11B) SUBBASE GRANULAR MATERIAL, TYPE B 8"
- (12) TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY) AND PINNING TEMPORARY CONCRETE BARRIER
- (13) CONCRETE GUTTER, TYPE B
- (14) #6 TIE BARS, 24" LONG AT 36" C-C (INCLUDED IN PRICE FOR BID FOR PCC SHOULDER OR CURB AND GUTTER)
- (15) #6 TIE BARS, 30" LONG AT 36" C-C (INCLUDED IN PRICE FOR BID FOR PCC PAVEMENT)
- (16) CONCRETE MEDIAN SURFACE, 4 INCH
- (17) ANCHOR SLAB (SEE STRUCTURAL PLANS)
- (18) CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
- (19) POROUS GRANULAR EMBANKMENT
- (20) TOPSOIL FURNISH AND PLACE, 24" AND SEEDING
- (21) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (22) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
- (23) PORTLAND CEMENT CONCRETE PAVEMENT 11 1/4" (JOINTED)

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DATE - 7/30/2018	REVISED -

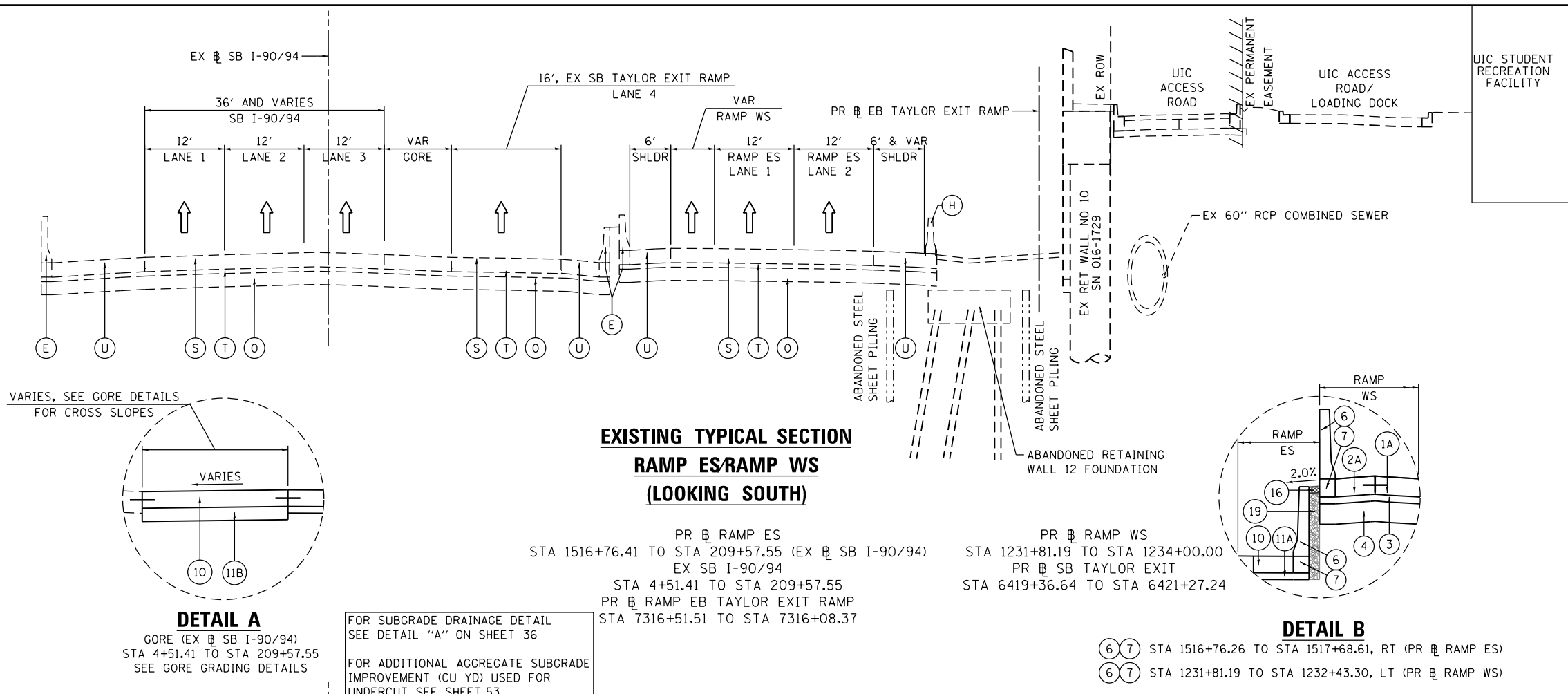
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS  
RAMP ES, RAMP WS, SB TAYLOR EXIT RAMP  
AND EB TAYLOR EXIT RAMP

SCALE: NONE SHEET 10 OF 18 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	45
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

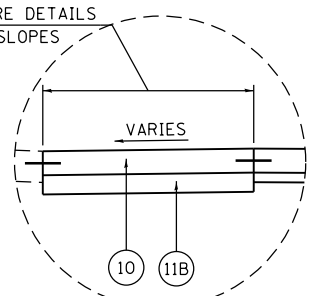
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**EXISTING TYPICAL SECTION  
RAMP ES/RAMP WS  
(LOOKING SOUTH)**

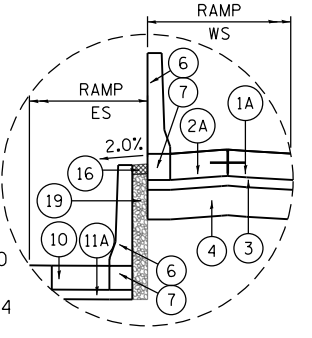
PR RAMP ES  
 STA 1516+76.41 TO STA 209+57.55 (EX SB I-90/94)  
 EX SB I-90/94  
 STA 4+51.41 TO STA 209+57.55  
 PR RAMP EB TAYLOR EXIT RAMP  
 STA 7316+51.51 TO STA 7316+08.37

PR RAMP WS  
 STA 1231+81.19 TO STA 1234+00.00  
 PR SB TAYLOR EXIT  
 STA 6419+36.64 TO STA 6421+27.24



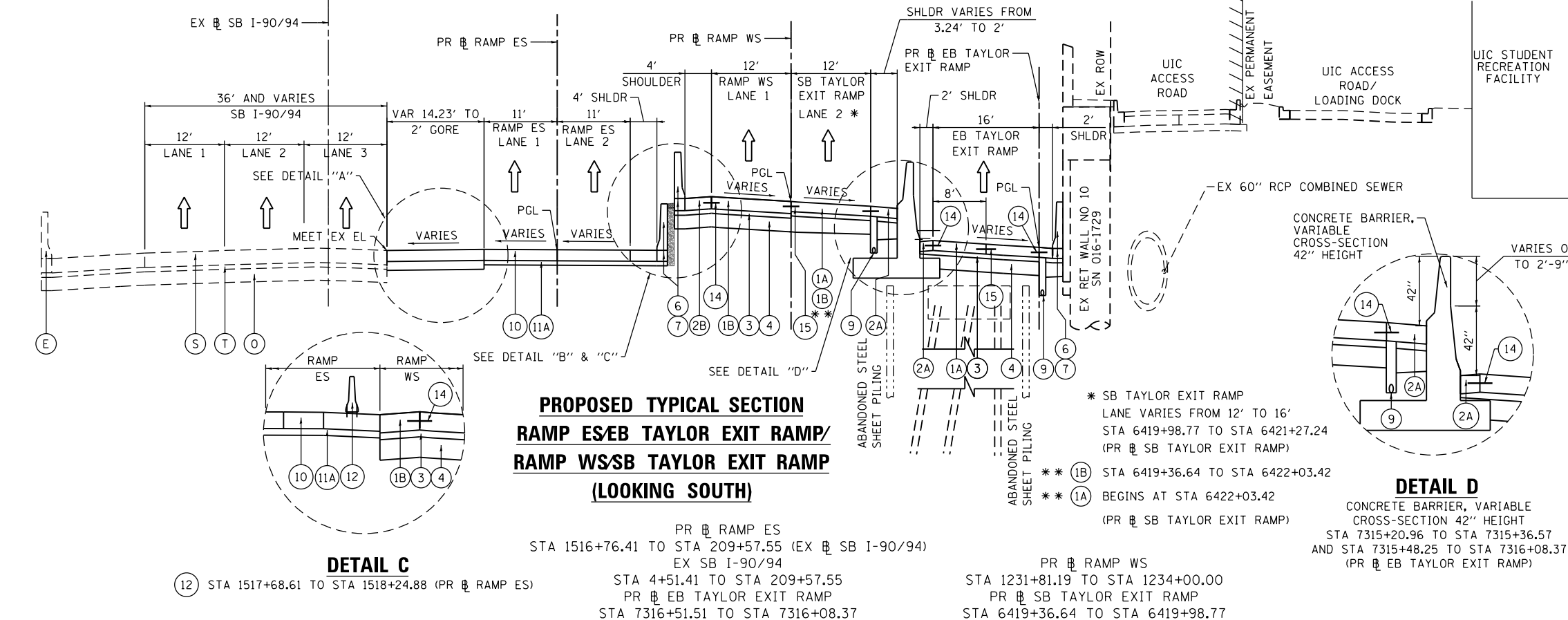
**DETAIL A**  
GORE (EX SB I-90/94)  
STA 4+51.41 TO STA 209+57.55  
SEE GORE GRADING DETAILS

FOR SUBGRADE DRAINAGE DETAIL  
 SEE DETAIL "A" ON SHEET 36  
 FOR ADDITIONAL AGGREGATE SUBGRADE  
 IMPROVEMENT (CU YD) USED FOR  
 UNDERCUT SEE SHEET 53



**DETAIL B**

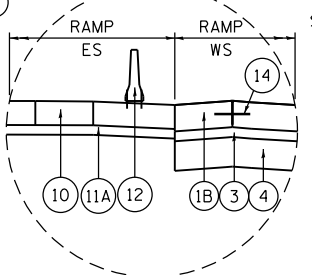
(6) (7) STA 1516+76.26 TO STA 1517+68.61, RT (PR RAMP ES)  
 (6) (7) STA 1231+81.19 TO STA 1232+43.30, LT (PR RAMP WS)



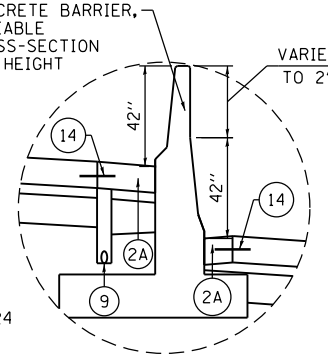
**PROPOSED TYPICAL SECTION  
RAMP E/SB TAYLOR EXIT RAMP/  
RAMP W/ SB TAYLOR EXIT RAMP  
(LOOKING SOUTH)**

PR RAMP ES  
 STA 1516+76.41 TO STA 209+57.55 (EX SB I-90/94)  
 EX SB I-90/94  
 STA 4+51.41 TO STA 209+57.55  
 PR EB TAYLOR EXIT RAMP  
 STA 7316+51.51 TO STA 7316+08.37

PR RAMP WS  
 STA 1231+81.19 TO STA 1234+00.00  
 PR SB TAYLOR EXIT RAMP  
 STA 6419+36.64 TO STA 6419+98.77



**DETAIL C**  
(12) STA 1517+68.61 TO STA 1518+24.88 (PR RAMP ES)



**DETAIL D**

\* SB TAYLOR EXIT RAMP  
 LANE VARIES FROM 12' TO 16'  
 STA 6419+98.77 TO STA 6421+27.24  
 (PR SB TAYLOR EXIT RAMP)  
 \*\* (1B) STA 6419+36.64 TO STA 6422+03.42  
 \*\* (1A) BEGINS AT STA 6422+03.42  
 (PR SB TAYLOR EXIT RAMP)

**EXISTING**

- (A) HOT-MIX ASPHALT PAVEMENT, 4" TO 7"
- (B) PORTLAND CEMENT CONCRETE PAVEMENT, 7" TO 11 1/4"
- (C) GRANULAR SUBBASE, 4" OR 6"
- (D) HOT MIX ASPHALT SHOULDER, 10"
- (E) CONCRETE BARRIER
- (F) TEMPORARY PAVEMENT
- (G) NOT USED
- (H) TEMPORARY CONCRETE BARRIER
- (I) CONCRETE GUTTER, TYPE B
- (J) CONCRETE MEDIAN SURFACE, 4"
- (K) SELECT GRANULAR BACKFILL
- (L) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- (M) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (N) SUBBASE GRANULAR MATERIAL, 12"
- (O) POROUS GRANULAR EMBANKMENT, SPECIAL, 0" TO 30"
- (P) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
- (Q) SUBBASE GRANULAR MATERIAL, TYPE B 8"
- (R) TOPSOIL, 10" (ASSUMED)
- (S) CONTINUOUSLY REINFORCED PCC PAVEMENT, 13"
- (T) NOT USED
- (U) BITUMINOUS SHOULDER, 13"
- (V) PORTLAND CEMENT CONCRETE SHOULDERS, 11 1/4"

**PROPOSED**

- (1A) PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)
- (1B) PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)
- (2A) PORTLAND CEMENT CONCRETE SHOULDERS 9"
- (2B) PORTLAND CEMENT CONCRETE SHOULDERS 11"
- (3) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- (4) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (5) PORTLAND CEMENT CONCRETE SHOULDERS, 11 1/4"
- (6) CONCRETE BARRIER WALL (OF VARIOUS TYPES, SEE ROADWAY DETAILS)
- (7) CONCRETE BARRIER BASE (OF VARIOUS TYPES, SEE ROADWAY DETAILS)
- (8) TOPSOIL FURNISH AND PLACE, 4" AND SEEDING OR SODDING, (SEE EROSION CONTROL PLANS)
- (9) PIPE UNDERDRAINS, TYPE 2, 6"
- (10) TEMPORARY PAVEMENT (SEE TYPICAL SECTION SHEET 53 FOR DETAILS)
- (11A) SUBBASE GRANULAR MATERIAL, TYPE B 4"
- (11B) SUBBASE GRANULAR MATERIAL, TYPE B 8"
- (12) TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY) AND PINNING TEMPORARY CONCRETE BARRIER
- (13) CONCRETE GUTTER, TYPE B
- (14) \*6 TIE BARS, 24" LONG AT 36" C-C (INCLUDED IN PRICE FOR BID FOR PCC SHOULDER OR CURB AND GUTTER)
- (15) \*6 TIE BARS, 30" LONG AT 36" C-C (INCLUDED IN PRICE FOR BID FOR PCC PAVEMENT)
- (16) CONCRETE MEDIAN SURFACE, 4 INCH
- (17) ANCHOR SLAB (SEE STRUCTURAL PLANS)
- (18) CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
- (19) POROUS GRANULAR EMBANKMENT
- (20) TOPSOIL FURNISH AND PLACE, 24" AND SEEDING
- (21) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (22) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
- (23) PORTLAND CEMENT CONCRETE PAVEMENT 11 1/4" (JOINTED)



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DATE - 7/30/2018	REVISED -

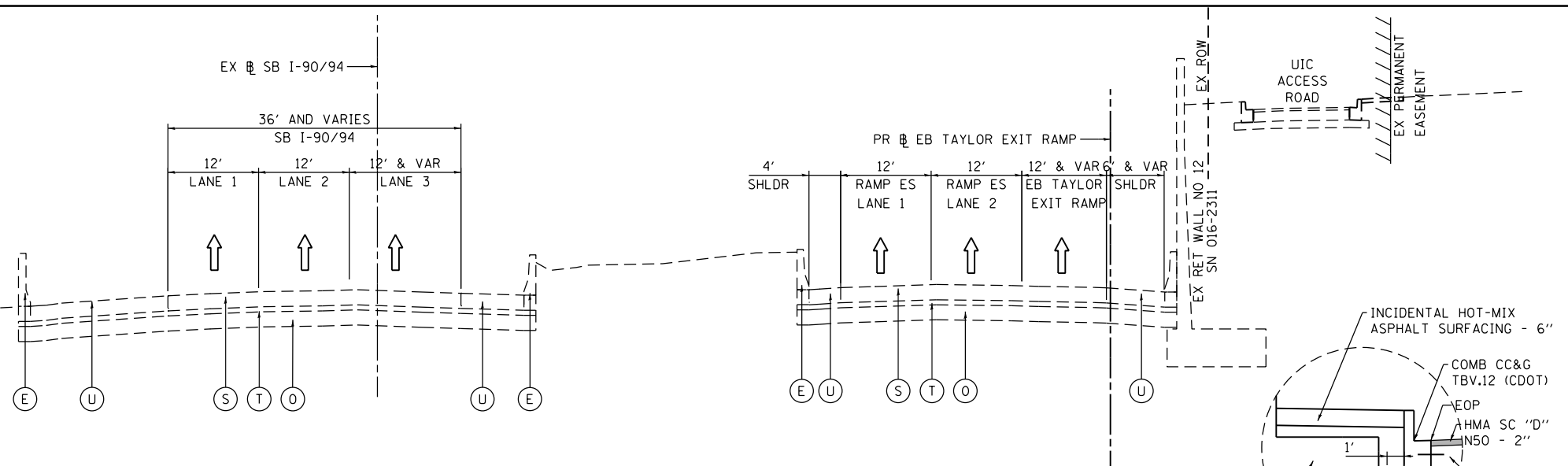
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS  
RAMP ES, RAMP WS, SB TAYLOR EXIT RAMP  
AND EB TAYLOR EXIT RAMP**

SCALE: NONE SHEET 11 OF 18 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	46
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

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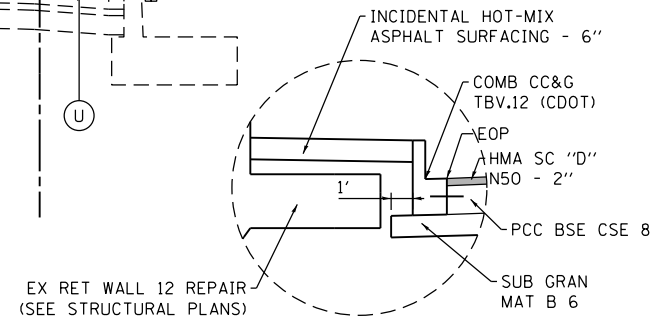
**EXISTING TYPICAL SECTION  
RAMP ES/EB TAYLOR EXIT RAMP  
(LOOKING SOUTH)**

EX SB I-90/94 STA 209+57.55 TO STA 207+69.17 (RAMP ES)  
PR EB TAYLOR EXIT RAMP STA 7316+08.37 TO STA 7316+51.51

PR RAMP WS STA 1234+00.00 TO STA 1235+12.50  
PR SB TAYLOR EXIT RAMP STA 6419+98.77 TO STA 6421+27.24

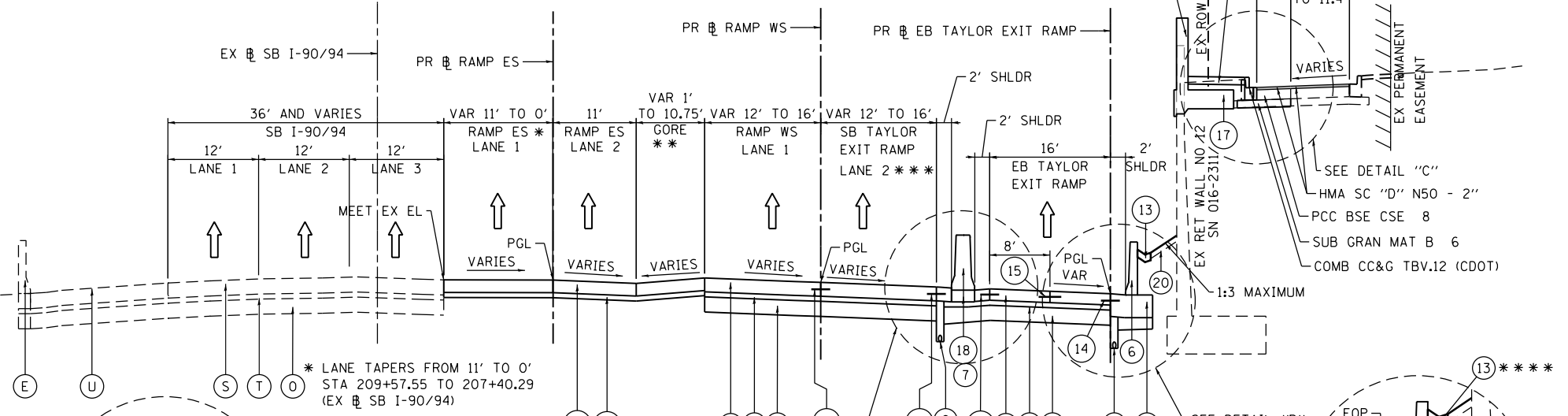
FOR SUBGRADE DRAINAGE DETAIL SEE DETAIL "A" ON SHEET 36

FOR ADDITIONAL AGGREGATE SUBGRADE IMPROVEMENT (CU YD) USED FOR UNDERCUT SEE SHEET 53



**DETAIL C**  
SCALE: NONE  
ALL TYPICAL SECTIONS

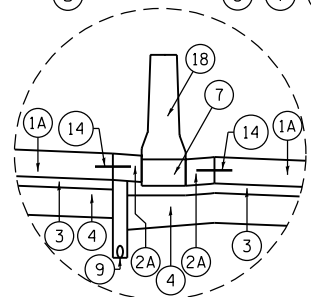
- EXISTING**
- (A) HOT-MIX ASPHALT PAVEMENT, 4" TO 7"
  - (B) PORTLAND CEMENT CONCRETE PAVEMENT, 7" TO 11 1/4"
  - (C) GRANULAR SUBBASE, 4" OR 6"
  - (D) HOT MIX ASPHALT SHOULDER, 10"
  - (E) CONCRETE BARRIER
  - (F) TEMPORARY PAVEMENT
  - (G) NOT USED
  - (H) TEMPORARY CONCRETE BARRIER
  - (I) CONCRETE GUTTER, TYPE B
  - (J) CONCRETE MEDIAN SURFACE, 4"
  - (K) SELECT GRANULAR BACKFILL
  - (L) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
  - (M) AGGREGATE SUBGRADE IMPROVEMENT 12"
  - (N) SUBBASE GRANULAR MATERIAL, 12"
  - (O) POROUS GRANULAR EMBANKMENT, SPECIAL, 0" TO 30"
  - (P) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
  - (Q) SUBBASE GRANULAR MATERIAL, TYPE B 8"
  - (R) TOPSOIL, 10" (ASSUMED)
  - (S) CONTINUOUSLY REINFORCED PCC PAVEMENT, 13"
  - (T) NOT USED
  - (U) BITUMINOUS SHOULDER, 13"
  - (V) PORTLAND CEMENT CONCRETE SHOULDERS, 11 1/4"



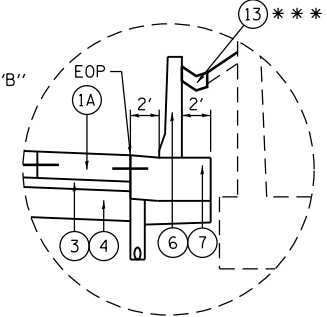
**PROPOSED TYPICAL SECTION  
RAMP ES/EB TAYLOR EXIT RAMP/  
RAMP WS/SB TAYLOR EXIT RAMP  
(LOOKING SOUTH)**

EX SB I-90/94 STA 209+57.55 TO STA 207+69.17 (RAMP ES)  
PR EB TAYLOR EXIT RAMP STA 7316+08.37 TO STA 7316+51.51

PR RAMP WS STA 1234+00.00 TO STA 1235+12.50  
PR SB TAYLOR EXIT RAMP STA 6419+98.77 TO STA 6421+27.24



**DETAIL A**  
STA 7316+08.37 TO STA 7317+52.14 (PR EB TAYLOR EXIT RAMP)



**DETAIL B**  
\*\*\*\*\* (13) BEGINS AT STA 7316+51.41 (PR EB TAYLOR EXIT RAMP)

- PROPOSED**
- (1A) PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)
  - (1B) PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)
  - (2A) PORTLAND CEMENT CONCRETE SHOULDERS 9"
  - (2B) PORTLAND CEMENT CONCRETE SHOULDERS 11"
  - (3) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
  - (4) AGGREGATE SUBGRADE IMPROVEMENT 12"
  - (5) PORTLAND CEMENT CONCRETE SHOULDERS, 11 1/4"
  - (6) CONCRETE BARRIER WALL (OF VARIOUS TYPES, SEE ROADWAY DETAILS)
  - (7) CONCRETE BARRIER BASE (OF VARIOUS TYPES, SEE ROADWAY DETAILS)
  - (8) TOPSOIL FURNISH AND PLACE, 4" AND SEEDING OR SODDING, (SEE EROSION CONTROL PLANS)
  - (9) PIPE UNDERDRAINS, TYPE 2, 6"
  - (10) TEMPORARY PAVEMENT (SEE TYPICAL SECTION SHEET 53 FOR DETAILS)
  - (11A) SUBBASE GRANULAR MATERIAL, TYPE B 4"
  - (11B) SUBBASE GRANULAR MATERIAL, TYPE B 8"
  - (12) TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY) AND PINNING TEMPORARY CONCRETE BARRIER
  - (13) CONCRETE GUTTER, TYPE B
  - (14) #6 TIE BARS, 24" LONG AT 36" C-C (INCLUDED IN PRICE FOR BID FOR PCC SHOULDER OR CURB AND GUTTER)
  - (15) #6 TIE BARS, 30" LONG AT 36" C-C (INCLUDED IN PRICE FOR BID FOR PCC PAVEMENT)
  - (16) CONCRETE MEDIAN SURFACE, 4 INCH
  - (17) ANCHOR SLAB (SEE STRUCTURAL PLANS)
  - (18) CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
  - (19) POROUS GRANULAR EMBANKMENT
  - (20) TOPSOIL FURNISH AND PLACE, 24" AND SEEDING
  - (21) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
  - (22) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
  - (23) PORTLAND CEMENT CONCRETE PAVEMENT 11 1/4" (JOINTED)



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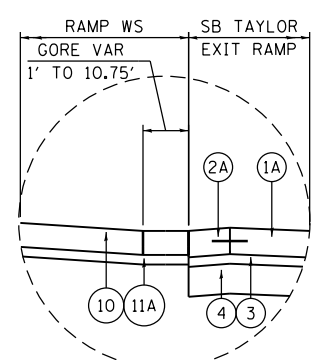
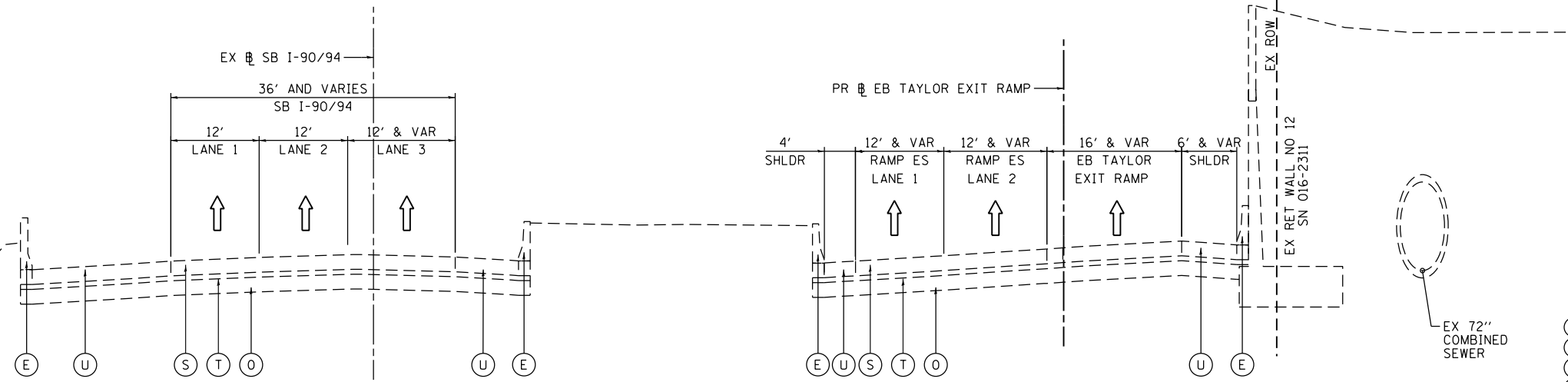
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS  
RAMP ES, RAMP WS, SB TAYLOR EXIT RAMP  
AND EB TAYLOR EXIT RAMP

SCALE: NONE SHEET 12 OF 18 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	47
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

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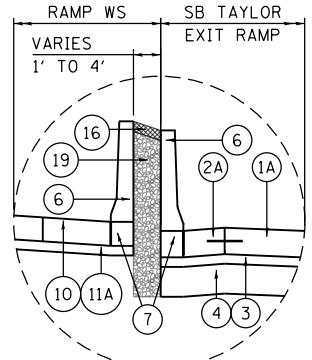
**DETAIL A**

GORE VARIES FROM 1' TO 10.75'  
 STA 6421+27.24 TO STA 6422+66.61 (PR EB SB TAYLOR EXIT RAMP)  
 STA 1233+72.63 TO STA 1235+12.50 (PR RAMP WS)

**EXISTING TYPICAL SECTION  
 RAMP ES/EB TAYLOR EXIT RAMP  
 (LOOKING SOUTH)**

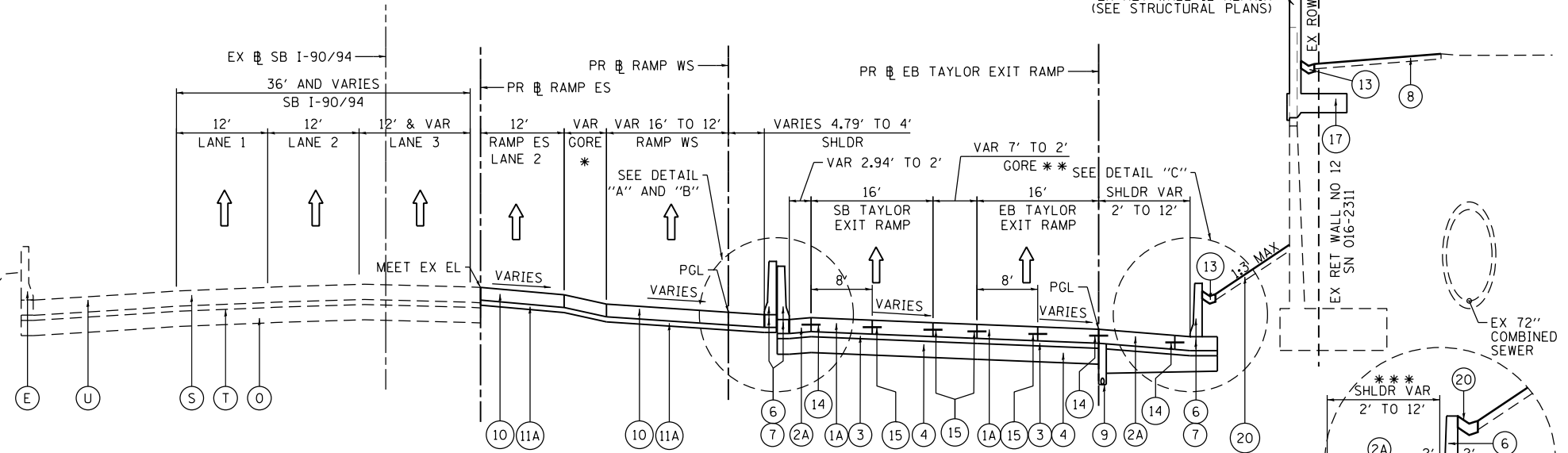
EX SB I-90/94 STA 207+69.17 TO STA 207+37.06 (RAMP ES)  
 PR EB TAYLOR EXIT RAMP STA 7316+51.51 TO STA 7319+53.43  
 PR RAMP WS STA 1235+12.50 TO STA 1235+47.38  
 PR SB TAYLOR EXIT RAMP STA 6421+27.24 TO STA 6423+01.25

FOR SUBGRADE DRAINAGE DETAIL SEE DETAIL "A" ON SHEET 36  
 FOR ADDITIONAL AGGREGATE SUBGRADE IMPROVEMENT (CU YD) USED FOR UNDERCUT SEE SHEET 53



**DETAIL B**

(6) (7) STA 6422+66.61 TO STA 6423+01.25, RT (PR SB TAYLOR EXIT)  
 (6) (7) STA 1235+12.50 TO STA 1235+47.38, RT (PR RAMP WS)  
 (16) (19) STA 1235+18.92 TO STA 1235+47.38 (PR RAMP WS)

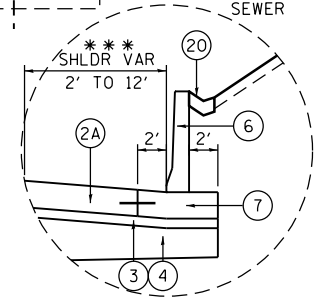


**PROPOSED TYPICAL SECTION  
 RAMP ES/EB TAYLOR EXIT RAMP/RAMP WWSB TAYLOR EXIT RAMP  
 (LOOKING SOUTH)**

\* GORE VARIES FROM 11' TO 2'  
 STA 1232+43.30 TO STA 1235+80.23 (PR RAMP WS)  
 \*\* GORE VARIES FROM 7' TO 2'  
 STA 7317+52.14 TO STA 7319+53.43 (PR EB TAYLOR EXIT RAMP)

EX SB I-90/94 STA 207+69.17 TO STA 207+37.06 (RAMP ES)  
 PR EB TAYLOR EXIT RAMP STA 7316+51.51 TO STA 7319+53.43  
 PR RAMP WS STA 1235+12.50 TO STA 1235+47.38  
 PR SB TAYLOR EXIT RAMP STA 6421+27.24 TO STA 6423+01.25

\*\*\* SHOULDER TAPERS FROM 2' TO 12' FROM STA 7316+51.51 TO STA 7318+31.32



**DETAIL C**

(2A) (6) (7) STA 7316+51.51 TO STA 7322+26.08 (PR EB TAYLOR EXIT RAMP)

**EXISTING**

- (A) HOT-MIX ASPHALT PAVEMENT, 4" TO 7"
- (B) PORTLAND CEMENT CONCRETE PAVEMENT, 7" TO 11 1/4"
- (C) GRANULAR SUBBASE, 4" OR 6"
- (D) HOT MIX ASPHALT SHOULDER, 10"
- (E) CONCRETE BARRIER
- (F) TEMPORARY PAVEMENT
- (G) NOT USED
- (H) TEMPORARY CONCRETE BARRIER
- (I) CONCRETE GUTTER, TYPE B
- (J) CONCRETE MEDIAN SURFACE, 4"
- (K) SELECT GRANULAR BACKFILL
- (L) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- (M) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (N) SUBBASE GRANULAR MATERIAL, 12"
- (O) POROUS GRANULAR EMBANKMENT, SPECIAL, 0" TO 30"
- (P) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
- (Q) SUBBASE GRANULAR MATERIAL, TYPE B 8"
- (R) TOPSOIL, 10" (ASSUMED)
- (S) CONTINUOUSLY REINFORCED PCC PAVEMENT, 13"
- (T) NOT USED
- (U) BITUMINOUS SHOULDER, 13"
- (V) PORTLAND CEMENT CONCRETE SHOULDERS, 11 1/4"

**PROPOSED**

- (1A) PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)
- (1B) PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)
- (2A) PORTLAND CEMENT CONCRETE SHOULDERS 9"
- (2B) PORTLAND CEMENT CONCRETE SHOULDERS 11"
- (3) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- (4) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (5) PORTLAND CEMENT CONCRETE SHOULDERS, 11 1/4"
- (6) CONCRETE BARRIER WALL (OF VARIOUS TYPES, SEE ROADWAY DETAILS)
- (7) CONCRETE BARRIER BASE (OF VARIOUS TYPES, SEE ROADWAY DETAILS) (SEE EROSION CONTROL PLANS)
- (8) TOPSOIL FURNISH AND PLACE, 4" AND SEEDING OR SODDING, (SEE EROSION CONTROL PLANS)
- (9) PIPE UNDERDRAINS, TYPE 2, 6"
- (10) TEMPORARY PAVEMENT (SEE TYPICAL SECTION SHEET 53 FOR DETAILS)
- (11A) SUBBASE GRANULAR MATERIAL, TYPE B 4"
- (11B) SUBBASE GRANULAR MATERIAL, TYPE B 8"
- (12) TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY) AND PINNING TEMPORARY CONCRETE BARRIER
- (13) CONCRETE GUTTER, TYPE B
- (14) #6 TIE BARS, 24" LONG AT 36" C-C (INCLUDED IN PRICE FOR BID FOR PCC SHOULDER OR CURB AND GUTTER)
- (15) #6 TIE BARS, 30" LONG AT 36" C-C (INCLUDED IN PRICE FOR BID FOR PCC PAVEMENT)
- (16) CONCRETE MEDIAN SURFACE, 4 INCH
- (17) ANCHOR SLAB (SEE STRUCTURAL PLANS)
- (18) CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
- (19) POROUS GRANULAR EMBANKMENT
- (20) TOPSOIL FURNISH AND PLACE, 24" AND SEEDING
- (21) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (22) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
- (23) PORTLAND CEMENT CONCRETE PAVEMENT 11 1/4" (JOINTED)



D160x93-shr-Typical-02.dgn  
 USER NAME = pimsarno  
 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 7/30/2018

DESIGNED - OPS  
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 DATE - 7/30/2018

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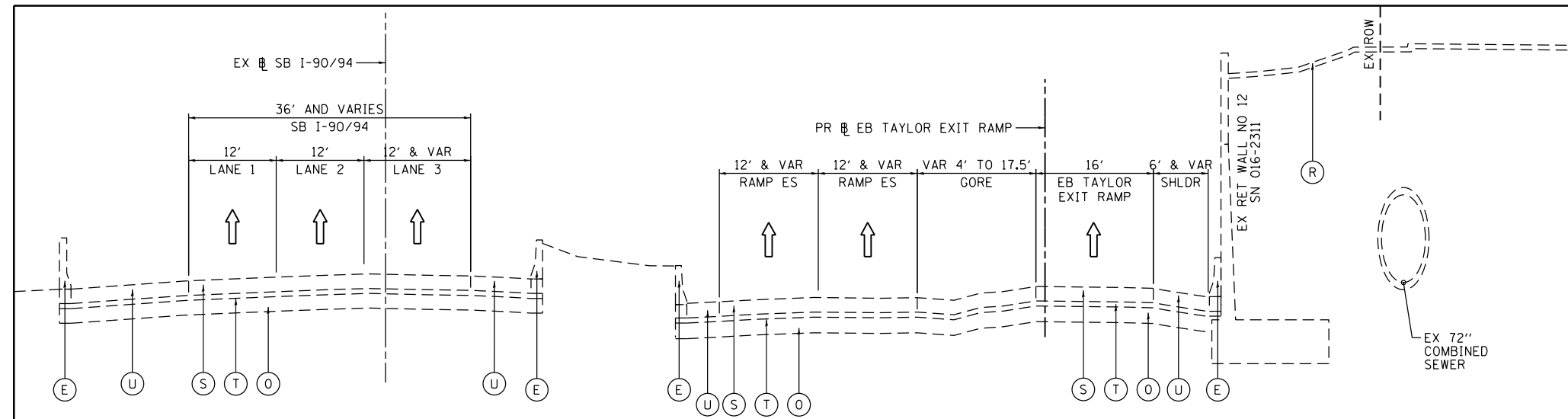
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS  
 RAMP ES, RAMP WS, SB TAYLOR EXIT RAMP  
 AND EB TAYLOR EXIT RAMP

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	48
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

SCALE: NONE SHEET 13 OF 18 SHEETS STA. TO STA.

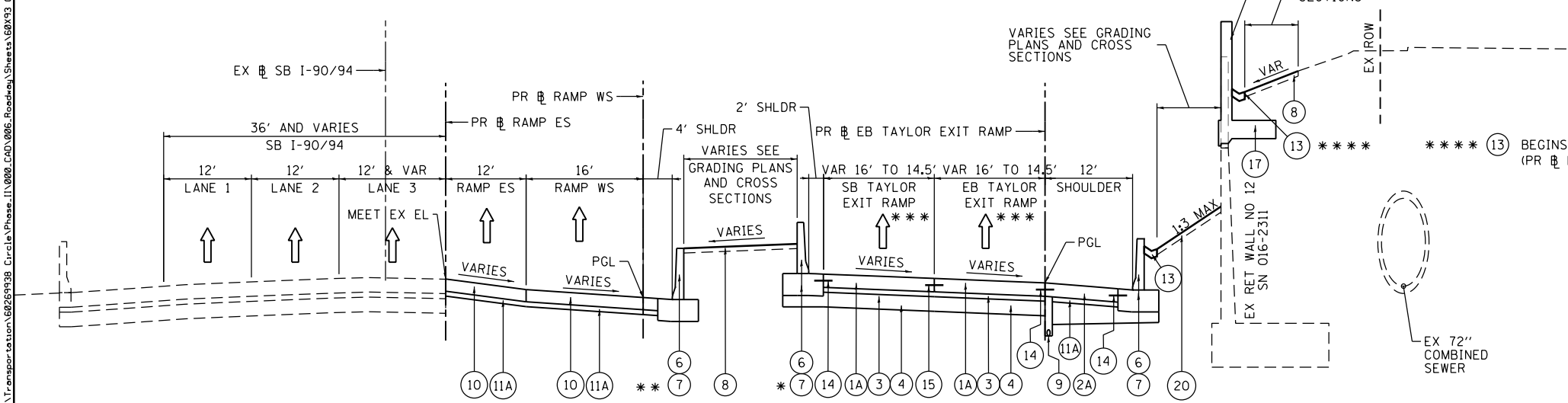
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**EXISTING TYPICAL SECTION**  
**RAMP E/EB TAYLOR EXIT RAMP**  
**(LOOKING SOUTH)**

EX SB I-90/94 STA 207+37.06 TO STA 206+20.29 (RAMP ES)      PR RAMP WS STA 1235+47.38 TO STA 1236+64.17  
 PR EB TAYLOR EXIT RAMP STA 7319+53.43 TO STA 7320+50.00      PR SB TAYLOR EXIT RAMP STA 6423+01.25 TO STA 6424+10.70

FOR SUBGRADE DRAINAGE DETAIL  
 SEE DETAIL "A" ON SHEET 36  
  
 FOR ADDITIONAL AGGREGATE SUBGRADE  
 IMPROVEMENT (CU YD) USED FOR  
 UNDERCUT SEE SHEET 53



**PROPOSED TYPICAL SECTION**  
**RAMP E/EB TAYLOR EXIT RAMP/RAMP W/ SB TAYLOR EXIT RAMP**  
**(LOOKING SOUTH)**

EX SB I-90/94 STA 207+37.06 TO STA 206+20.29 (RAMP ES)      PR RAMP WS STA 1235+47.38 TO STA 1236+64.17  
 PR EB TAYLOR EXIT RAMP STA 7319+53.43 TO STA 7320+50.00      PR SB TAYLOR EXIT RAMP STA 6423+01.25 TO STA 6424+10.70

**EXISTING**

- (A) HOT-MIX ASPHALT PAVEMENT, 4" TO 7"
- (B) PORTLAND CEMENT CONCRETE PAVEMENT, 7" TO 11 1/4"
- (C) GRANULAR SUBBASE, 4" OR 6"
- (D) HOT MIX ASPHALT SHOULDER, 10"
- (E) CONCRETE BARRIER
- (F) TEMPORARY PAVEMENT
- (G) NOT USED
- (H) TEMPORARY CONCRETE BARRIER
- (I) CONCRETE GUTTER, TYPE B
- (J) CONCRETE MEDIAN SURFACE, 4"
- (K) SELECT GRANULAR BACKFILL
- (L) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- (M) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (N) SUBBASE GRANULAR MATERIAL, 12"
- (O) POROUS GRANULAR EMBANKMENT, SPECIAL, 0" TO 30"
- (P) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
- (Q) SUBBASE GRANULAR MATERIAL, TYPE B 8"
- (R) TOPSOIL, 10" (ASSUMED)
- (S) CONTINUOUSLY REINFORCED PCC PAVEMENT, 13"
- (T) NOT USED
- (U) BITUMINOUS SHOULDER, 13"
- (V) PORTLAND CEMENT CONCRETE SHOULDERS, 11 1/4"

**PROPOSED**

- (1A) PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)
- (1B) PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)
- (2A) PORTLAND CEMENT CONCRETE SHOULDERS 9"
- (2B) PORTLAND CEMENT CONCRETE SHOULDERS 11"
- (3) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- (4) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (5) PORTLAND CEMENT CONCRETE SHOULDERS, 11 1/4"
- (6) CONCRETE BARRIER WALL (OF VARIOUS TYPES, SEE ROADWAY DETAILS)
- (7) CONCRETE BARRIER BASE (OF VARIOUS TYPES, SEE ROADWAY DETAILS)
- (8) TOPSOIL FURNISH AND PLACE, 4" AND SEEDING OR SODDING, (SEE EROSION CONTROL PLANS)
- (9) PIPE UNDERDRAINS, TYPE 2, 6"
- (10) TEMPORARY PAVEMENT (SEE TYPICAL SECTION SHEET 53 FOR DETAILS)
- (11A) SUBBASE GRANULAR MATERIAL, TYPE B 4"
- (11B) SUBBASE GRANULAR MATERIAL, TYPE B 8"
- (12) TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY) AND PINNING TEMPORARY CONCRETE BARRIER
- (13) CONCRETE GUTTER, TYPE B
- (14) #6 TIE BARS, 24" LONG AT 36" C-C (INCLUDED IN PRICE FOR BID FOR PCC SHOULDER OR CURB AND GUTTER)
- (15) #6 TIE BARS, 30" LONG AT 36" C-C (INCLUDED IN PRICE FOR BID FOR PCC PAVEMENT)
- (16) CONCRETE MEDIAN SURFACE, 4 INCH
- (17) ANCHOR SLAB (SEE STRUCTURAL PLANS)
- (18) CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
- (19) POROUS GRANULAR EMBANKMENT
- (20) TOPSOIL FURNISH AND PLACE, 24" AND SEEDING
- (21) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (22) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
- (23) PORTLAND CEMENT CONCRETE PAVEMENT 11 1/4" (JOINTED)



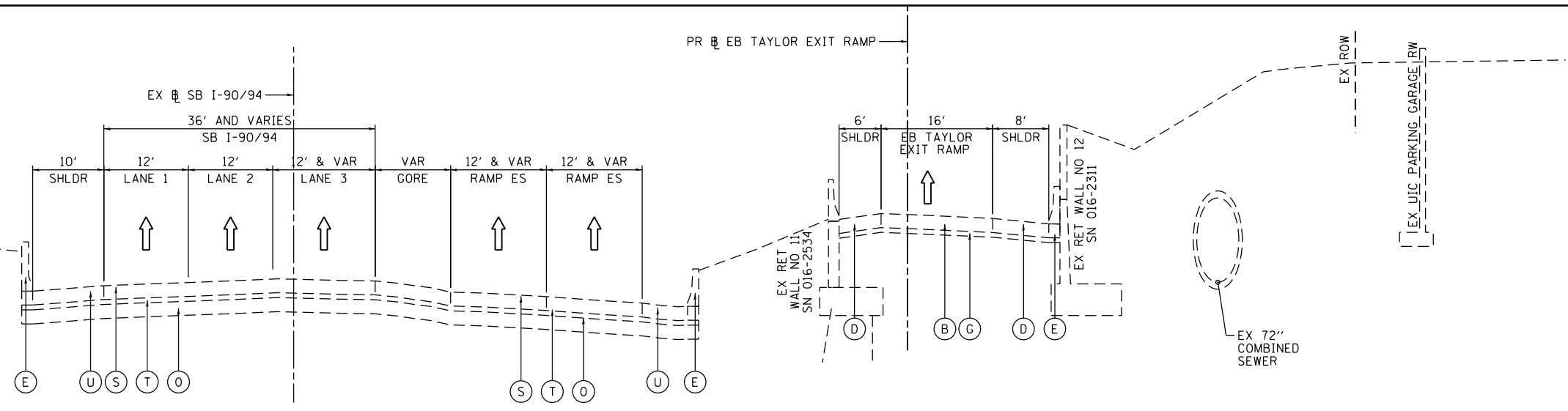
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PLOT DATE = 7/30/2018	DATE - 7/30/2018	REVISED -

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

TYPICAL SECTIONS			
RAMP ES, RAMP WS, SB TAYLOR EXIT RAMP AND EB TAYLOR EXIT RAMP	F.A.I. RTE.	SECTION	COUNTY
SCALE: NONE	90/94/290	2014-013R&B-R	COOK
SHEET 14 OF 18 SHEETS	STA.	TO STA.	CONTRACT NO. 60X93

TOTAL SHEETS	SHEET NO.
1972	49
ILLINOIS FED. AID PROJECT	

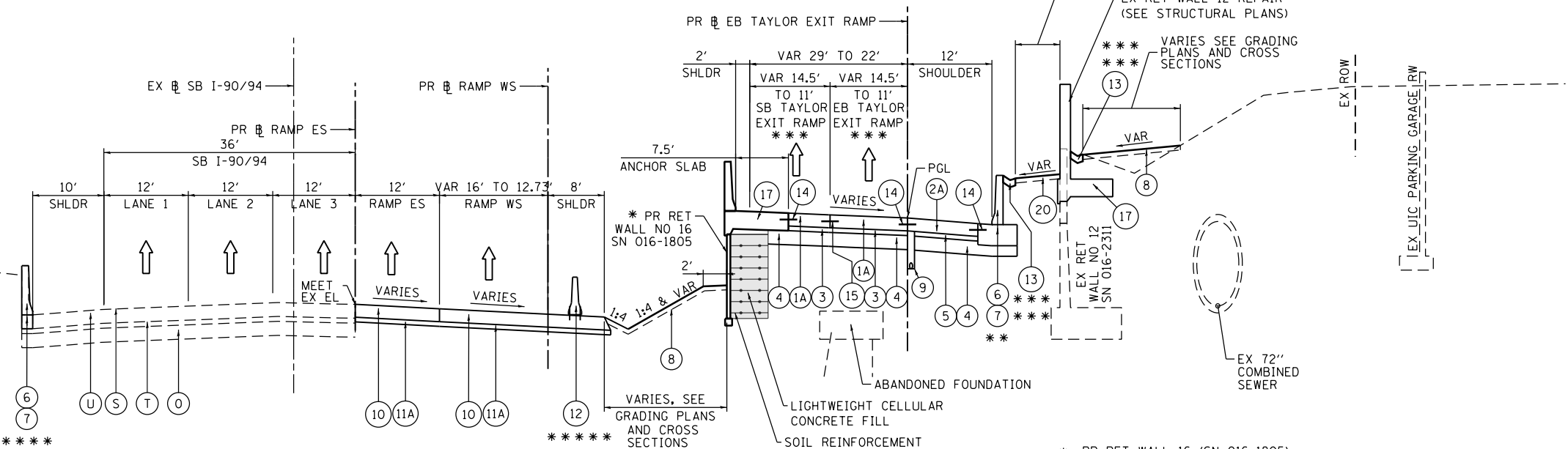
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**EXISTING TYPICAL SECTION  
RAMP ES/EB TAYLOR EXIT RAMP  
(LOOKING SOUTH)**

EX SB I-90/94  
STA 206+20.29 TO STA 202+88.60 (RAMP ES)  
PR EB TAYLOR EXIT RAMP  
STA 7320+50.00 TO STA 7321+83.33  
PR RAMP WS  
STA 1236+64.17 TO STA 1239+96.17

FOR SUBGRADE DRAINAGE DETAIL  
SEE DETAIL "A" ON SHEET 36  
  
FOR ADDITIONAL AGGREGATE SUBGRADE  
IMPROVEMENT (CU YD) USED FOR  
UNDERCUT SEE SHEET 53



**PROPOSED TYPICAL SECTION  
RAMP ES/EB TAYLOR EXIT RAMP/  
RAMP WS/SB TAYLOR EXIT RAMP  
(LOOKING SOUTH)**

EX SB I-90/94  
STA 206+20.29 TO STA 202+88.60 (RAMP ES)  
PR EB TAYLOR EXIT RAMP  
STA 7320+50.00 TO STA 7321+83.33  
PR RAMP WS  
STA 1236+64.17 TO STA 1239+96.17

- \* PR RET WALL 16 (SN 016-1805)  
STA 7320+50.00 TO STA 7326+25.98  
(PR EB TAYLOR EXIT RAMP)
- \*\* ENDS (6) (7) AT STA 7322+26.08  
(PR EB TAYLOR EXIT RAMP)
- \*\*\* EB TAYLOR EXIT LANE VARIES FROM 14.5' TO 11'  
STA 7320+50.00 TO STA 7321+83.33 (PR EB TAYLOR EXIT)
- \*\*\*\*\* (6) (7) STA 205+66.44 TO STA 202+88.60 (EX SB I-90/94)
- \*\*\*\*\* (12) STA 1236+64.17 TO STA 1239+96.21 (PR RAMP WS)
- \*\*\* (13) ENDS AT STA 7322+25.17, 23.28' RT (PR EB TAYLOR EXIT RAMP)  
\*\*\* ENDS AT STA 7322+26.08, 15.58' RT (PR EB TAYLOR EXIT RAMP)

**EXISTING**

- (A) HOT-MIX ASPHALT PAVEMENT, 4" TO 7"
- (B) PORTLAND CEMENT CONCRETE PAVEMENT, 7" TO 11 1/4"
- (C) GRANULAR SUBBASE, 4" OR 6"
- (D) HOT MIX ASPHALT SHOULDER, 10"
- (E) CONCRETE BARRIER
- (F) TEMPORARY PAVEMENT
- (G) NOT USED
- (H) TEMPORARY CONCRETE BARRIER
- (I) CONCRETE GUTTER, TYPE B
- (J) CONCRETE MEDIAN SURFACE, 4"
- (K) SELECT GRANULAR BACKFILL
- (L) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- (M) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (N) SUBBASE GRANULAR MATERIAL, 12"
- (O) POROUS GRANULAR EMBANKMENT, SPECIAL, 0" TO 30"
- (P) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
- (Q) SUBBASE GRANULAR MATERIAL, TYPE B 8"
- (R) TOPSOIL, 10" (ASSUMED)
- (S) CONTINUOUSLY REINFORCED PCC PAVEMENT, 13"
- (T) NOT USED
- (U) BITUMINOUS SHOULDER, 13"
- (V) PORTLAND CEMENT CONCRETE SHOULDERS, 11 1/4"

**PROPOSED**

- (1A) PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)
- (1B) PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)
- (2A) PORTLAND CEMENT CONCRETE SHOULDERS 9"
- (2B) PORTLAND CEMENT CONCRETE SHOULDERS 11"
- (3) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- (4) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (5) PORTLAND CEMENT CONCRETE SHOULDERS, 11 1/4"
- (6) CONCRETE BARRIER WALL (OF VARIOUS TYPES, SEE ROADWAY DETAILS)
- (7) CONCRETE BARRIER BASE (OF VARIOUS TYPES, SEE ROADWAY DETAILS)
- (8) TOPSOIL FURNISH AND PLACE, 4" AND SEEDING OR SODDING,  
(SEE EROSION CONTROL PLANS)
- (9) PIPE UNDERDRAINS, TYPE 2, 6"
- (10) TEMPORARY PAVEMENT (SEE TYPICAL SECTION SHEET 53 FOR DETAILS)
- (1A) SUBBASE GRANULAR MATERIAL, TYPE B 4"
- (1B) SUBBASE GRANULAR MATERIAL, TYPE B 8"
- (12) TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY) AND  
PINNING TEMPORARY CONCRETE BARRIER
- (13) CONCRETE GUTTER, TYPE B
- (14) #6 TIE BARS, 24" LONG AT 36" C-C  
(INCLUDED IN PRICE FOR BID FOR PCC SHOULDER OR CURB AND GUTTER)
- (15) #6 TIE BARS, 30" LONG AT 36" C-C  
(INCLUDED IN PRICE FOR BID FOR PCC PAVEMENT)
- (16) CONCRETE MEDIAN SURFACE, 4 INCH
- (17) ANCHOR SLAB (SEE STRUCTURAL PLANS)
- (18) CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
- (19) POROUS GRANULAR EMBANKMENT
- (20) TOPSOIL FURNISH AND PLACE, 24" AND SEEDING
- (21) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (22) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
- (23) PORTLAND CEMENT CONCRETE PAVEMENT 11 1/4" (JOINTED)



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DATE - 7/30/2018

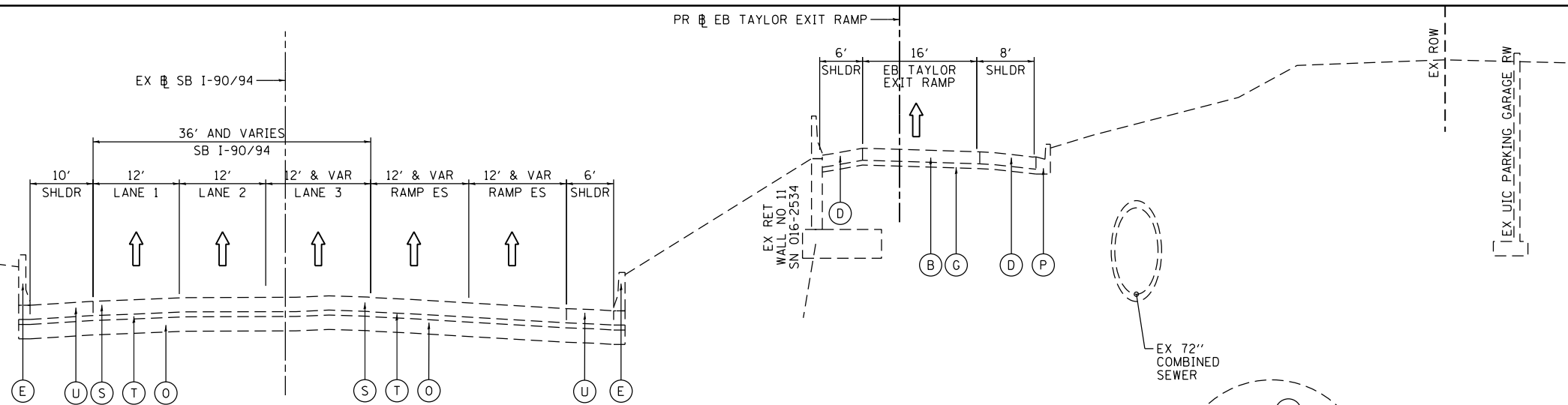
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS  
RAMP ES, RAMP WS AND EB TAYLOR EXIT RAMP  
SCALE: NONE SHEET 15 OF 18 SHEETS STA. TO STA.

F.A.I. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	50
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

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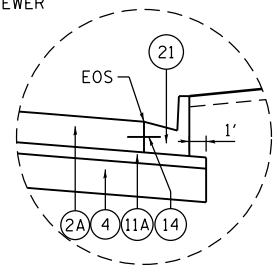


**EXISTING TYPICAL SECTION  
RAMP ES/EB TAYLOR EXIT RAMP  
(LOOKING SOUTH)**

EX SB I-90/94  
STA 202+88.60 TO STA 201+63.88 (RAMP ES)  
PR EB TAYLOR EXIT RAMP  
STA 7321+83.33 TO STA 7323+70.57  
PR RAMP WS  
STA 1239+96.17 TO STA 1241+20.44  
PR EB TAYLOR EXIT RAMP

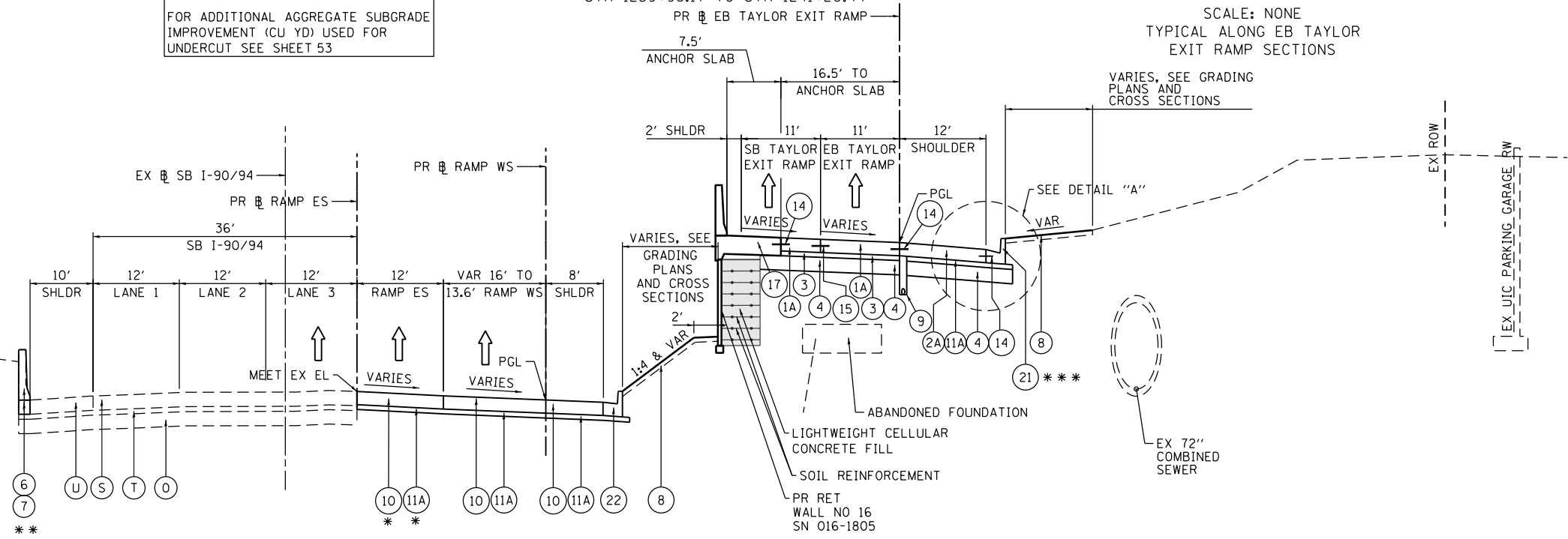
FOR SUBGRADE DRAINAGE DETAIL  
SEE DETAIL "A" ON SHEET 36

FOR ADDITIONAL AGGREGATE SUBGRADE  
IMPROVEMENT (CU YD) USED FOR  
UNDERCUT SEE SHEET 53



**DETAIL A: SUBGRADE UNDER CC&G DETAIL**

SCALE: NONE  
TYPICAL ALONG EB TAYLOR  
EXIT RAMP SECTIONS



**PROPOSED TYPICAL SECTION  
RAMP ES/EB TAYLOR EXIT RAMP/  
RAMP WS/SB TAYLOR EXIT RAMP  
(LOOKING SOUTH)**

EX SB I-90/94  
STA 202+88.60 TO STA 201+63.88 (RAMP ES)  
PR EB TAYLOR EXIT RAMP  
STA 7321+83.33 TO STA 7323+70.57  
PR RAMP WS  
STA 1239+96.17 TO STA 1241+20.44

\* END RAMP ES PAVING STA 201+63.88, 10.51' LT (EX SB I-90/94)

\*\* (6) (7) STA 202+88.60 TO STA STA 201+64.12 (EX SB I-90/94)

\*\*\* (21) BEGINS AT STA 7322+26.08, 15.58' RT (PR EB TAYLOR EXIT RAMP)

**EXISTING**

- (A) HOT-MIX ASPHALT PAVEMENT, 4" TO 7"
- (B) PORTLAND CEMENT CONCRETE PAVEMENT, 7" TO 11 1/4"
- (C) GRANULAR SUBBASE, 4" OR 6"
- (D) HOT MIX ASPHALT SHOULDER, 10"
- (E) CONCRETE BARRIER
- (F) TEMPORARY PAVEMENT
- (G) NOT USED
- (H) TEMPORARY CONCRETE BARRIER
- (I) CONCRETE GUTTER, TYPE B
- (J) CONCRETE MEDIAN SURFACE, 4"
- (K) SELECT GRANULAR BACKFILL
- (L) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- (M) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (N) SUBBASE GRANULAR MATERIAL, 12"
- (O) POROUS GRANULAR EMBANKMENT, SPECIAL, 0" TO 30"
- (P) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
- (Q) SUBBASE GRANULAR MATERIAL, TYPE B 8"
- (R) TOPSOIL, 10" (ASSUMED)
- (S) CONTINUOUSLY REINFORCED PCC PAVEMENT, 13"
- (T) NOT USED
- (U) BITUMINOUS SHOULDER, 13"
- (V) PORTLAND CEMENT CONCRETE SHOULDERS, 11 1/4"

**PROPOSED**

- (1A) PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)
- (1B) PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)
- (2A) PORTLAND CEMENT CONCRETE SHOULDERS 9"
- (2B) PORTLAND CEMENT CONCRETE SHOULDERS 11"
- (3) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- (4) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (5) PORTLAND CEMENT CONCRETE SHOULDERS, 11 1/4"
- (6) CONCRETE BARRIER WALL (OF VARIOUS TYPES, SEE ROADWAY DETAILS)
- (7) CONCRETE BARRIER BASE (OF VARIOUS TYPES, SEE ROADWAY DETAILS)
- (8) TOPSOIL FURNISH AND PLACE, 4" AND SEEDING OR SODDING, (SEE EROSION CONTROL PLANS)
- (9) PIPE UNDERDRAINS, TYPE 2, 6"
- (10) TEMPORARY PAVEMENT (SEE TYPICAL SECTION SHEET 53 FOR DETAILS)
- (11A) SUBBASE GRANULAR MATERIAL, TYPE B 4"
- (11B) SUBBASE GRANULAR MATERIAL, TYPE B 8"
- (12) TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY) AND PINNING TEMPORARY CONCRETE BARRIER
- (13) CONCRETE GUTTER, TYPE B
- (14) #6 TIE BARS, 24" LONG AT 36" C-C (INCLUDED IN PRICE FOR BID FOR PCC SHOULDER OR CURB AND GUTTER)
- (15) #6 TIE BARS, 30" LONG AT 36" C-C (INCLUDED IN PRICE FOR BID FOR PCC PAVEMENT)
- (16) CONCRETE MEDIAN SURFACE, 4 INCH
- (17) ANCHOR SLAB (SEE STRUCTURAL PLANS)
- (18) CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
- (19) POROUS GRANULAR EMBANKMENT
- (20) TOPSOIL FURNISH AND PLACE, 24" AND SEEDING
- (21) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (22) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
- (23) PORTLAND CEMENT CONCRETE PAVEMENT 11 1/4" (JOINTED)



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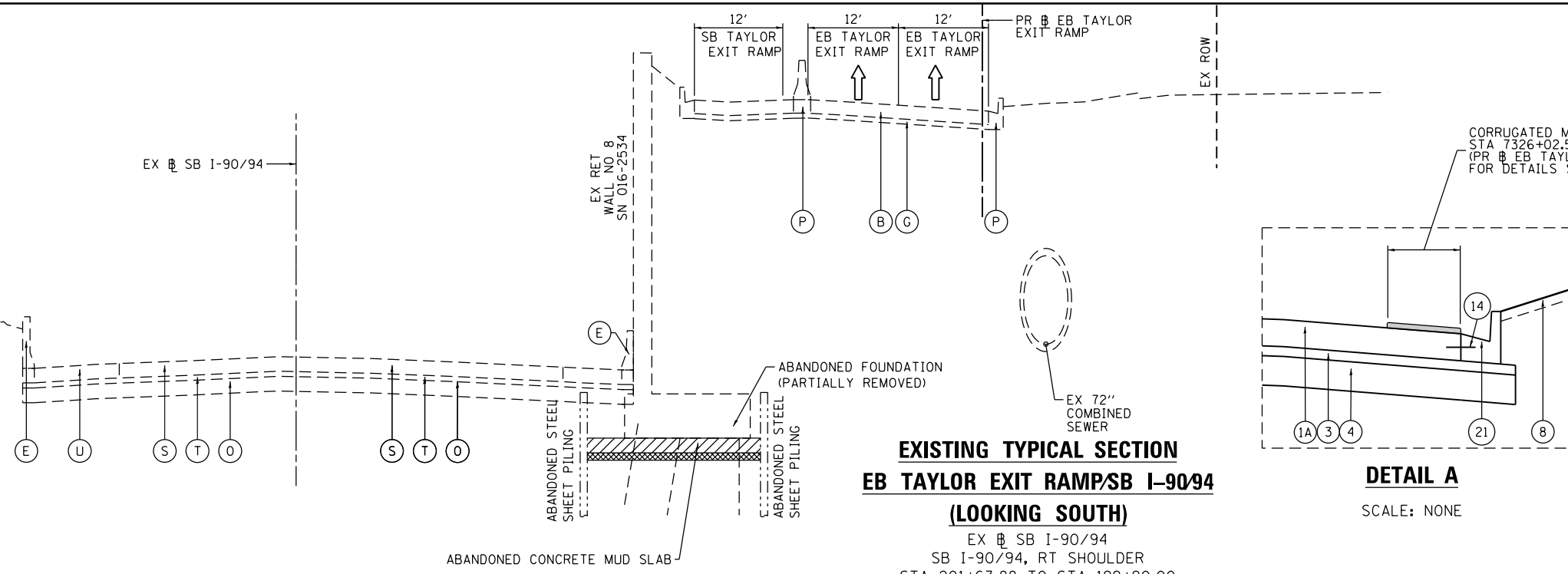
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS  
RAMP ES, RAMP WS AND EB TAYLOR EXIT RAMP

SCALE: NONE SHEET 16 OF 18 SHEETS STA. TO STA.

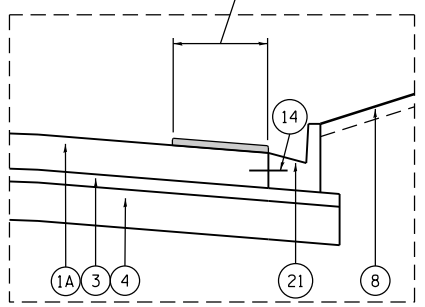
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	51
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

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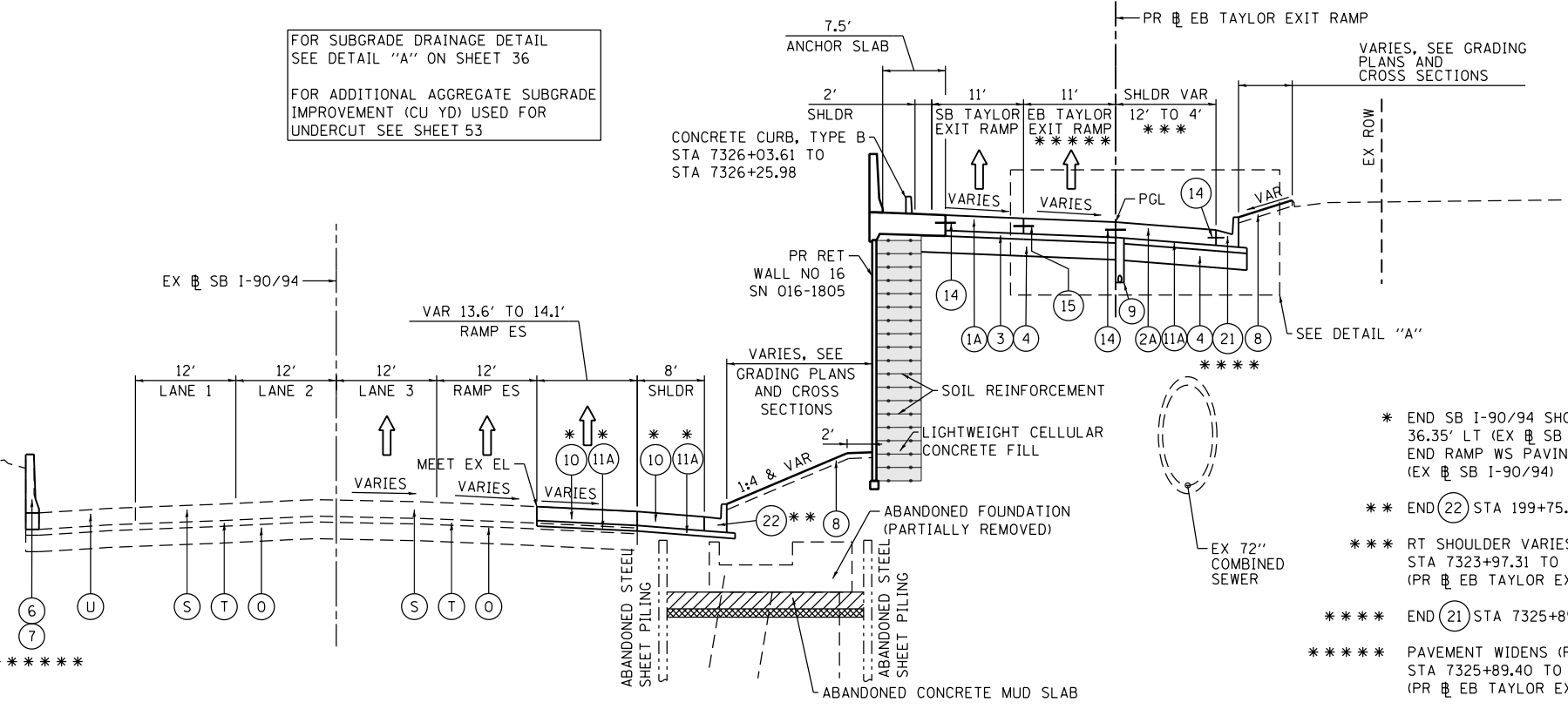
**EXISTING TYPICAL SECTION  
EB TAYLOR EXIT RAMP/SB I-90/94  
(LOOKING SOUTH)**

EX SB I-90/94  
SB I-90/94, RT SHOULDER  
STA 201+63.88 TO STA 199+90.00  
PR EB TAYLOR EXIT RAMP  
STA 7323+70.57 TO STA 7326+25.98



**DETAIL A**  
SCALE: NONE

FOR SUBGRADE DRAINAGE DETAIL  
SEE DETAIL "A" ON SHEET 36  
FOR ADDITIONAL AGGREGATE SUBGRADE  
IMPROVEMENT (CU YD) USED FOR  
UNDERCUT SEE SHEET 53



**PROPOSED TYPICAL SECTION  
EB TAYLOR EXIT RAMP/SB TAYLOR EXIT RAMP/SB I-90/94  
(LOOKING SOUTH)**

EX SB I-90/94  
SB I-90/94, RT SHOULDER  
STA 201+63.88 TO STA 199+90.00  
PR EB TAYLOR EXIT RAMP  
STA 7323+70.57 TO STA 7326+25.98

**EXISTING**

- (A) HOT-MIX ASPHALT PAVEMENT, 4" TO 7"
- (B) PORTLAND CEMENT CONCRETE PAVEMENT, 7" TO 11 1/4"
- (C) GRANULAR SUBBASE, 4" OR 6"
- (D) HOT MIX ASPHALT SHOULDER, 10"
- (E) CONCRETE BARRIER
- (F) TEMPORARY PAVEMENT
- (G) NOT USED
- (H) TEMPORARY CONCRETE BARRIER
- (I) CONCRETE GUTTER, TYPE B
- (J) CONCRETE MEDIAN SURFACE, 4"
- (K) SELECT GRANULAR BACKFILL
- (L) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- (M) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (N) SUBBASE GRANULAR MATERIAL, 12"
- (O) POROUS GRANULAR EMBANKMENT, SPECIAL, 0" TO 30"
- (P) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
- (Q) SUBBASE GRANULAR MATERIAL, TYPE B 8"
- (R) TOPSOIL, 10" (ASSUMED)
- (S) CONTINUOUSLY REINFORCED PCC PAVEMENT, 13"
- (T) NOT USED
- (U) BITUMINOUS SHOULDER, 13"
- (V) PORTLAND CEMENT CONCRETE SHOULDERS, 11 1/4"

**PROPOSED**

- (1A) PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)
- (1B) PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)
- (2A) PORTLAND CEMENT CONCRETE SHOULDERS 9"
- (2B) PORTLAND CEMENT CONCRETE SHOULDERS 11"
- (3) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- (4) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (5) PORTLAND CEMENT CONCRETE SHOULDERS, 11 1/4"
- (6) CONCRETE BARRIER WALL (OF VARIOUS TYPES, SEE ROADWAY DETAILS)
- (7) CONCRETE BARRIER BASE (OF VARIOUS TYPES, SEE ROADWAY DETAILS)
- (8) TOPSOIL FURNISH AND PLACE, 4" AND SEEDING OR SODDING, (SEE EROSION CONTROL PLANS)
- (9) PIPE UNDERDRAINS, TYPE 2, 6"
- (10) TEMPORARY PAVEMENT (SEE TYPICAL SECTION SHEET 53 FOR DETAILS)
- (11A) SUBBASE GRANULAR MATERIAL, TYPE B 4"
- (11B) SUBBASE GRANULAR MATERIAL, TYPE B 8"
- (12) TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY) AND PINNING TEMPORARY CONCRETE BARRIER
- (13) CONCRETE GUTTER, TYPE B
- (14) #6 TIE BARS, 24" LONG AT 36" C-C (INCLUDED IN PRICE FOR BID FOR PCC SHOULDER OR CURB AND GUTTER)
- (15) #6 TIE BARS, 30" LONG AT 36" C-C (INCLUDED IN PRICE FOR BID FOR PCC PAVEMENT)
- (16) CONCRETE MEDIAN SURFACE, 4 INCH
- (17) ANCHOR SLAB (SEE STRUCTURAL PLANS)
- (18) CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
- (19) POROUS GRANULAR EMBANKMENT
- (20) TOPSOIL FURNISH AND PLACE, 24" AND SEEDING
- (21) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (22) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
- (23) PORTLAND CEMENT CONCRETE PAVEMENT 11 1/4" (JOINTED)

\*\*\*\*\* (6)(7) STA 201+64.12 TO STA 200+25.22 (EX SB I-90/94)

\* END SB I-90/94 SHOULDER PAVING STA 199+90.00, 36.35' LT (EX SB I-90/94)  
END RAMP WS PAVING STA 199+90.00, 22.22' LT (EX SB I-90/94)  
\*\* END (22) STA 199+75.00 (EX SB I-90/94)  
\*\*\* RT SHOULDER VARIES FROM 12' TO 4' STA 7323+97.31 TO STA 7325+50.11 (PR EB TAYLOR EXIT RAMP)  
\*\*\*\*\* END (21) STA 7325+89.40 (PR EB TAYLOR EXIT RAMP)  
\*\*\*\*\* PAVEMENT WIDENS (RT) FROM 0' TO 15.92' STA 7325+89.40 TO STA 7326+25.98 (PR EB TAYLOR EXIT RAMP)



D160x93-sht-Typical-02.dgn	DESIGNED - OPS	REVISED -
USER NAME = pimsarno	DRAWN - OPS	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJE	REVISED -
PLOT DATE = 7/30/2018	DATE - 7/30/2018	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

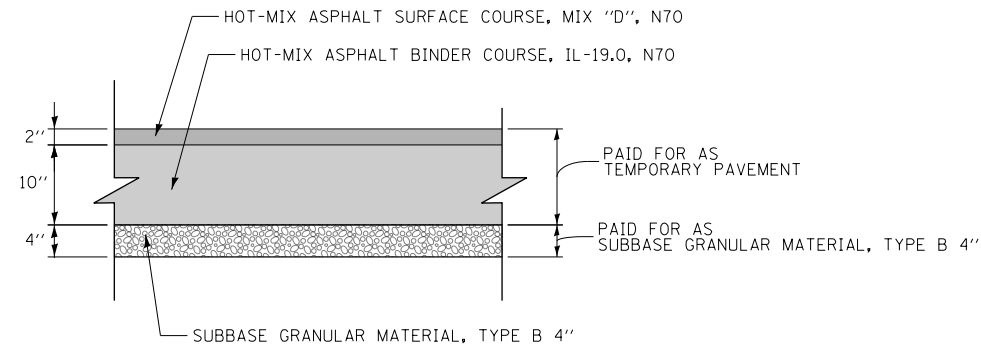
TYPICAL SECTIONS			
RAMP ES, RAMP WS AND EB TAYLOR EXIT RAMP			
SCALE: NONE	SHEET 17 OF 18 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	52
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

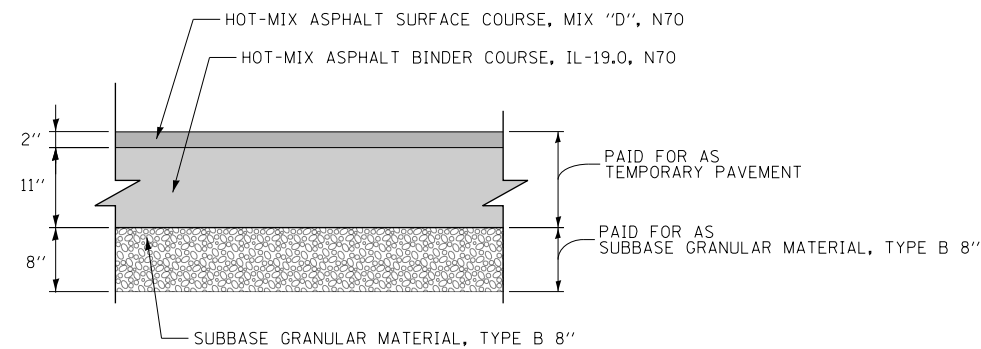


**TEMPORARY PAVEMENT DETAILS:**

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

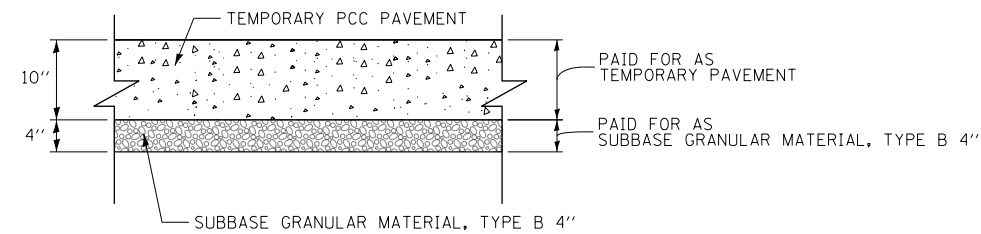


**TEMPORARY HMA PAVEMENT FOR RAMP WN, WS, SE, EB TAYLOR EXIT RAMP AND SB TAYLOR EXIT RAMP**

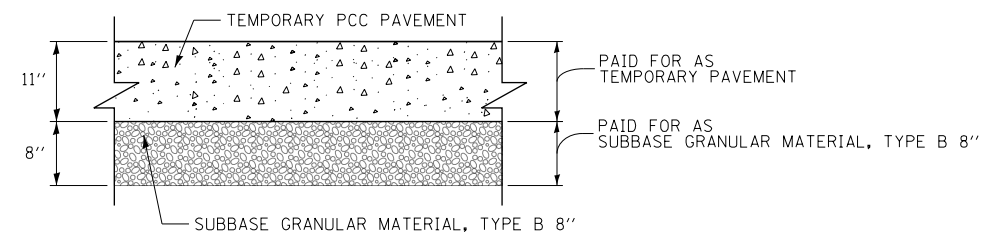


**TEMPORARY HMA PAVEMENT FOR I-90/94 MAINLINE/SHOULDERS**

**DETAIL B: TEMPORARY PCC PAVEMENT**



**TEMPORARY PCC PAVEMENT FOR RAMP WN, WS, SE, EB TAYLOR EXIT RAMP AND SB TAYLOR EXIT RAMP**



**TEMPORARY PCC PAVEMENT FOR I-90/94 MAINLINE/SHOULDERS**

**TEMPORARY PAVEMENT GENERAL NOTES:**

1. THE CONTRACTOR SHALL HAVE THE OPTION OF USING HMA OR PCC SECTION FOR TEMPORARY PAVEMENT, UNLESS OTHERWISE SHOWN ON THE PLANS.
2. TEMPORARY HMA TEMPORARY PAVEMENT SHALL CONSIST OF TWO ITEMS: HMA BINDER COURSE AND HMA SURFACE COURSE.
3. PORTLAND CEMENT CONCRETE TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ARTICLE 1020 OF THE STANDARD SPECIFICATIONS. TEMPORARY PCC PAVEMENT DOES NOT REQUIRE DOWEL BARS.

**AGGREGATE SUBGRADE IMPROVEMENT**

ALIGNMENT	START STATION	END STATION	DEPTH	AGGREGATE SUBGRADE IMPROVEMENT VOLUME	
SB TAYLOR EXIT RAMP	6404+00	6405+49	24 IN		
EB TAYLOR EXIT RAMP/RAMP ES	7306+38	7308+26	24 IN		
EB TAYLOR EXIT RAMP/SB TAYLOR EXIT RAMP/RAMP ES/RAMP WS	7317+00	7320+20	24 IN		
EB TAYLOR EXIT RAMP	7308+26	7309+40	24 IN		
EB TAYLOR EXIT RAMP	7320+20	7320+75	24 IN		
RAMP ES	1509+78	1511+39	24 IN		
RAMP ES	1511+39	1512+25	24 IN		
RAMP ES	1512+25	1513+25	24 IN		
RAMP ES	1513+25	1517+75	24 IN		
TOTAL					7730 CY

1. AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS WHERE SOILS TEND TO BE UNSTABLE AND/OR UNSUITABLE. HOWEVER, THE UNDERCUT IN THESE SOILS SHALL NOT BE DEEPER THAN 2 FEET BELOW THE PAVEMENT STRUCTURE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
2. AFTER AGGREGATE SUBGRADE IMPROVEMENT HAS BEEN INSTALLED, THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.
3. ANY SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES OR EQUIPMENT IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE RESIDENT ENGINEER AT THE CONTRACTOR'S EXPENSE.

**HOT MIX ASPHALT MIXTURE REQUIREMENTS**

MIXTURE TYPE	AIR VOIDS (%) @NDES	OMP
<b>PAVEMENT RECONSTRUCTION</b>		
RAMP WS, RAMP WN, RAMP ES, RAMP SE, SB TAYLOR EXIT RAMP AND EB TAYLOR EXIT RAMP		
STABILIZED SUBBASE - HOT-MIX ASPHALT, 4" (HMA BINDER IL-19MM)	3% @ 50 GYR	QC/OA
DES PLAINES STREET & TILDEN STREET		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70: 2"	4% @ 70 GYR	QC/OA
<b>UIC ACCESS ROAD</b>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL-9.5MM): 2"	4% @ 50 GYR	QC/OA
<b>TEMPORARY PAVEMENT (IF HMA OPTION IS SELECTED BY CONTRACTOR)</b>		
<b>NB &amp; SB I-90/94</b>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL-9.5 MM): 2"	4% @ 70 GYR	QC/OA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70: 11" (IN 4 LIFTS)	4% @ 70 GYR	QC/OA
<b>RAMP WS, RAMP WN, RAMP ES, RAMP SE, SB TAYLOR EXIT RAMP AND EB TAYLOR EXIT RAMP</b>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5 MM): 2"	4% @ 70 GYR	QC/OA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70: 10" (IN 4 LIFTS)	4% @ 70 GYR	QC/OA
<b>PATCHING</b>		
<b>WB CONGRESS PARKWAY</b>		
CLASS D PATCH (HMA BINDER IL-19 MM): 6" (IN 2 LIFTS)	4% @ 70 GYR	QC/OA
<b>INCIDENTAL HOT-MIX ASPHALT SURFACING</b>		
<b>UIC ACCESS ROAD</b>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5MM): 6" (IN 3 LIFTS)	4% @ 50 GYR	QC/OA
OMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/OA); QUALITY CONTROL FOR PERFORMANCE (QCP)		

1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXTURES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE AC TYPE SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE SPECIAL PROVISIONS.
3. QUALITY MANAGEMENT PROGRAM (OMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

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D160X93-sht-Typical-02.dgn  
 USER NAME = vljanachione  
 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 7/31/2018

DESIGNED - OPS  
 DRAWN - OPS  
 CHECKED - MJE  
 DATE - 7/30/2018

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS  
 TEMPORARY PAVEMENT**

SCALE: NONE SHEET 18 OF 18 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	53
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

**REMOVAL SCHEDULE**

LOCATION	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (OVER 15 UNITS DIAMETER)	TREE ROOT PRUNING	TREE PRUNING (OVER 10 INCH DIAMETER)	PAVEMENT REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	CURB REMOVAL	GUTTER REMOVAL	COMBINATION CURB AND GUTTER REMOVAL	SIDEWALK REMOVAL	CONCRETE BARRIER REMOVAL	MEDIAN REMOVAL	PAVED SHOULDER REMOVAL	GUARDRAIL REMOVAL	REMOVE TEMPORARY CONCRETE BARRIER, STATE OWNED	STEEL POST REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	CONCRETE MEDIAN SURFACE REMOVAL	REMOVE IMPACT ATTENUATORS, NO SALVAGE	REMOVE IMPACT ATTENUATOR SAND MODULE	APPROACH SLAB REMOVAL	FENCE REMOVAL
	UNIT	UNIT	EACH	EACH	SQ YD	SQ YD	FOOT	FOOT	FOOT	SQ FT	FOOT	SQ FT	SQ YD	FOOT	SQ YD	EACH	SQ YD	SQ FT	EACH	EACH	SQ YD	FOOT
5206+58.47 TO 1209+50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	299	-	-	-	1	-	-	-
1209+50 TO 1215+00	-	-	-	-	63	-	-	-	174	1,618	335	-	21	-	253	-	-	-	1	-	-	152
1215+00 TO 1222+25	64	17	-	-	811	-	-	-	-	-	982	-	129	-	-	-	-	-	-	-	91	-
1222+25 TO 1227+75	-	-	-	-	3,339	-	-	124	38	489	495	-	565	-	815	-	-	-	-	-	145	43
1227+75 TO 1233+25	-	-	-	-	3,488	-	-	-	-	-	894	-	989	-	531	-	-	304	-	1	-	-
1233+25 TO 1238+75	166	-	6	6	2,742	-	-	-	-	-	2,021	-	1,699	-	-	-	-	10,948	-	1	121	-
1238+75 TO 7326+25.98	135	-	7	8	2,160	-	-	-	946	-	944	144	710	-	89	-	-	3,172	-	-	121	31
1401+50 TO 20+50	-	-	-	-	834	-	-	-	156	-	571	-	23	-	-	-	-	-	-	-	-	-
20+50 TO 24+16	-	-	-	-	-	-	-	-	-	-	12	-	6	-	-	-	-	84	-	-	-	-
1406+79.15 TO 1412+21.28	120	17	-	-	-	-	-	-	-	-	322	-	-	-	-	-	-	-	-	-	-	-
5150+50 TO 5156+00	-	-	-	-	199	-	-	-	-	-	109	-	562	-	962	-	-	-	-	-	-	-
UIC ACCESS ROAD	-	-	-	-	85	141	66	-	173	-	-	-	-	57	-	5	196	-	-	-	-	353
TOTAL	485	34	13	14	13,721	141	66	124	1,487	2,107	6,685	144	4,704	57	2,949	5	196	14,508	2	2	478	579

**NOTES:**

1. ADDITIONAL PAVEMENT REMOVAL QUANTITY INCLUDED IN SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN SCHEDULE.

FILE PATH = p:\6179-P\MINT\secomon\line\local\AECOM\0502\_NA\Documents\01\_Americas\Transportation\60269938\_Circle\Phase\_1\006\_CAD\006\_Roadway\Sheets\60X93\_Contract\0160X93-sht-Schedule-01.dgn



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USER NAME = v1janachione	DRAWN - BMJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 7/31/2018	DATE - 7/30/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**

SCALE: NONE SHEET 1 OF 3 SHEETS STA. TO STA.

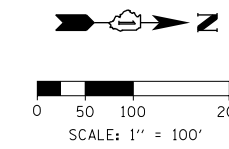
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	54
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X93	



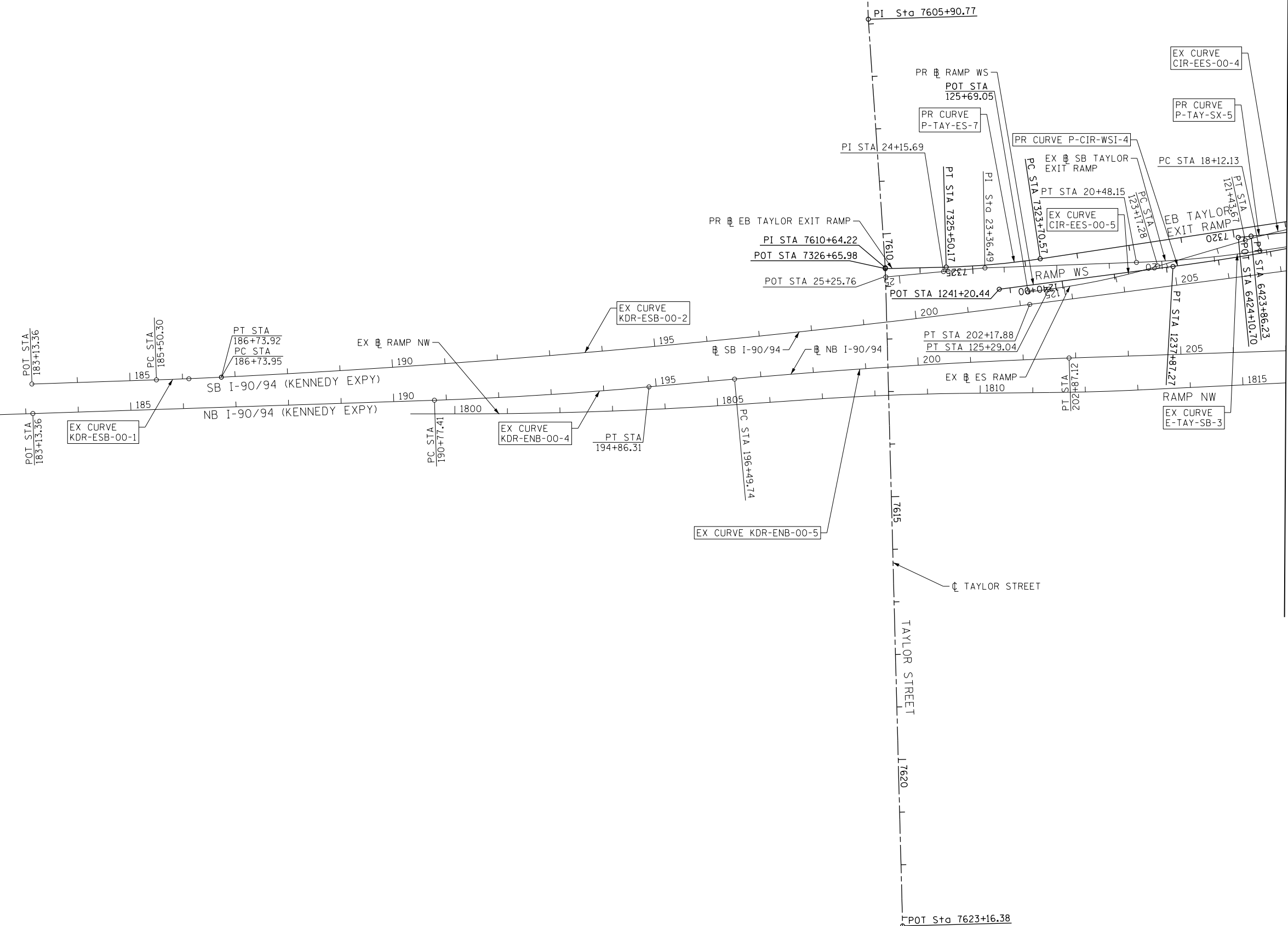
**EARTHWORK SCHEDULE**

LOCATION	REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL												EARTH EXCAVATION						EARTH EXCAVATION (ADJ 15% FOR SHRINKAGE)						(1) EMBANKMENT						EARTHWORK BALANCE EXCESS (+) OR SHORTAGE (-)						FURNISHED EX	NON-SPECIAL WASTE DISPOSAL (2) (3)		
	CU YD												CU YD						CU YD						CU YD						CU YD						CU YD	CU YD		
	EXISTING TOPSOIL						UNDERCUT																														TOTAL			
	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6				
EB TAYLOR EXIT RAMP	-	623	26	102	1,133	-	-	2,670	870	400	3,470	-	-	12,583	287	2,855	9,509	-	-	10,696	244	2,427	8,083	-	-	2,991	133	3,152	3,129	-	-	7,705	111	-725	4,954	-	725			
RAMP ES TEMP CONNECTOR	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	130	-	-	-	-	-	-129	-	-	-	-	-	129			
RAMP ES TEMP WIDENING	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	3	-	-	-	-	-	261	-	-	-	-	-	-258	-	-	-	-	-	258			
REMOVE EXISTING WN PIERS	-	-	-	-	-	-	-	-	-	-	-	-	-	7,096	-	-	-	-	-	6,032	-	-	-	-	-	6,333	-	-	-	-	-	-301	-	-	-	-	301			
REMOVE EXISTING WN ABUTMENT	-	-	-	-	-	-	-	-	-	-	-	-	-	1,574	-	-	-	-	-	1,338	-	-	-	-	-	1,825	-	-	-	-	-	-487	-	-	-	-	487			
PROPOSED WN PIERS	-	-	-	-	-	-	-	-	-	-	-	-	-	7,620	-	-	-	-	-	6,477	-	-	-	-	-	4,936	-	-	-	-	-	1,541	-	-	-	-	-			
PROPOSED WN ABUTMENT	-	-	-	-	-	-	-	-	-	-	-	-	-	234	-	-	-	-	-	199	-	-	-	-	-	231	-	-	-	-	-	-32	-	-	-	-	32			
RAMP SE	-	-	-	-	-	-	-	-	-	-	-	-	-	298	858	-	-	264	-	253	729	-	-	224	-	28	515	-	-	175	-	225	214	-	-	49	-			
REMOVE EXISTING PIERS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
REMOVE EXISTING ABUTMENT	-	-	-	-	-	-	-	-	-	-	-	-	-	360	-	-	-	-	-	306	-	-	-	-	-	457	-	-	-	-	-	-151	-	-	-	-	151			
PROPOSED PIERS	-	-	-	-	-	-	-	-	-	-	-	-	-	3,353	-	-	-	-	-	2,850	-	-	-	-	-	1,483	-	-	-	-	-	1,367	-	-	-	-	-			
PROPOSED ABUTMENT	-	-	-	-	-	-	-	-	-	-	-	-	-	31	-	-	-	-	-	26	-	-	-	-	-	25	-	-	-	-	-	1	-	-	-	-	-			
SB TAYLOR EXIT RAMP	-	-	-	-	-	-	-	-	320	-	-	-	-	1,457	1,468	-	-	121	-	1,238	1248	-	-	103	-	1	64	-	-	289	-	1,237	1184	-	-	-186	186			
REMOVE EXISTING PIERS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-			
REMOVE EXISTING ABUTMENT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-			
PROPOSED PIERS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-			
PROPOSED ABUTMENT	-	-	-	-	-	-	-	-	-	-	-	-	-	70	-	-	-	-	-	60	-	-	-	-	-	78	-	-	-	-	-	-18	-	-	-	-	18			
RAMP SE / SB TAYLOR EXIT RAMP (TEMP PAVEMENT)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	441	-	-	-	-	-	375	-	-	-	-	175	-	-	-	-	-	200	-	-	-	-	-			
RAMP WN	-	-	-	-	-	-	-	-	-	-	-	-	-	29	-	-	511	-	-	25	-	-	434	-	-	27	-	-	296	-	-	-2	-	-	138	-	2			
REMOVE EXISTING PIERS	-	-	-	-	-	-	-	-	-	-	-	-	-	3,727	-	-	-	-	-	3,168	-	-	-	-	-	-	-	-	-	-	-	3,168	-	-	-	-	-			
REMOVE EXISTING ABUTMENT	-	-	-	-	-	-	-	-	-	-	-	-	-	1,675	-	-	-	-	-	1,424	-	-	-	-	-	-	-	-	-	-	-	1,424	-	-	-	-	-			
PROPOSED PIERS	-	-	-	-	-	-	-	-	-	-	-	-	-	475	-	-	-	-	-	404	-	-	-	-	-	-	-	-	-	-	-	404	-	-	-	-	-			
PROPOSED ABUTMENT	-	-	-	-	-	-	-	-	-	-	-	-	-	101	-	-	-	-	-	86	-	-	-	-	-	-	-	-	-	-	86	-	-	-	-	-	-			
EXISTING WALL 12	-	-	-	-	-	-	-	-	-	-	-	-	-	252	-	-	-	-	-	214	-	-	-	-	-	282	-	-	-	-	-	-68	-	-	-	-	68			
EARTHWORK ALLOWANCE FOR ADJACENT CONTRACT GRADING	-	-	-	-	-	-	-	-	-	-	-	-	-	1,000	300	200	-	-	-	850	255	170	-	-	-	400	200	200	-	-	-	450	55	-30	-	-	30			
WB I-290 SHOULDER REPLACEMENT	-	-	-	-	-	-	-	-	-	-	-	-	-	165	-	-	-	-	-	140	-	-	-	-	-	25	-	-	-	-	-	115	-	-	-	-	-			
EB I-290 SHOULDER REPLACEMENT	-	-	-	-	-	-	-	-	-	-	-	-	-	325	-	-	-	-	-	276	-	-	-	-	-	48	-	-	-	-	-	228	-	-	-	-	-			
NB I-90/94 (INSIDE SHOULDER)	-	-	-	-	-	-	-	-	-	-	-	-	-	8	-	-	-	-	-	7	-	-	-	-	-	-	-	-	-	-	-	-768	-	-	-	-	768			
SB I-90/94 (INSIDE SHOULDER)	-	-	-	-	-	-	-	-	-	-	-	-	-	18	-	-	-	-	-	15	-	-	-	-	-	-	-	-	-	-	-	-963	-	-	-	-	963			
NON-SPECIAL WASTE DISPOSAL (2) (3)																																								
SUBTOTAL BY STAGE	-	623	26	102	1,133	-	-	2,670	1,190	400	3,470	-	31	42,425	3,354	3,055	10,020	385	26	36,062	2,851	2,597	8,517	327	2,144	19,170	1,087	3,352	3,425	464	-2,118	16,892	1,764	-755	5,092	-137	4,118			
TOTAL														9,614						59,270								29,642						20,738					4,118	
TOTAL (ROUNDED)														9,615						59,270								29,645						20,740					4,120	

- NOT A PAY ITEM
- A QUANTITY WILL BE PROVIDED FOR NON-SPECIAL WASTE DISPOSAL ONCE THE FINAL PRELIMINARY SOIL INVESTIGATION (PSI) REPORT HAS BEEN RECEIVED.
- ACTUAL VOLUMES OF NON-SPECIAL WASTE SHALL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION.



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MATCH LINE STA 207+00 NB I-90/94  
SEE SHEET 58



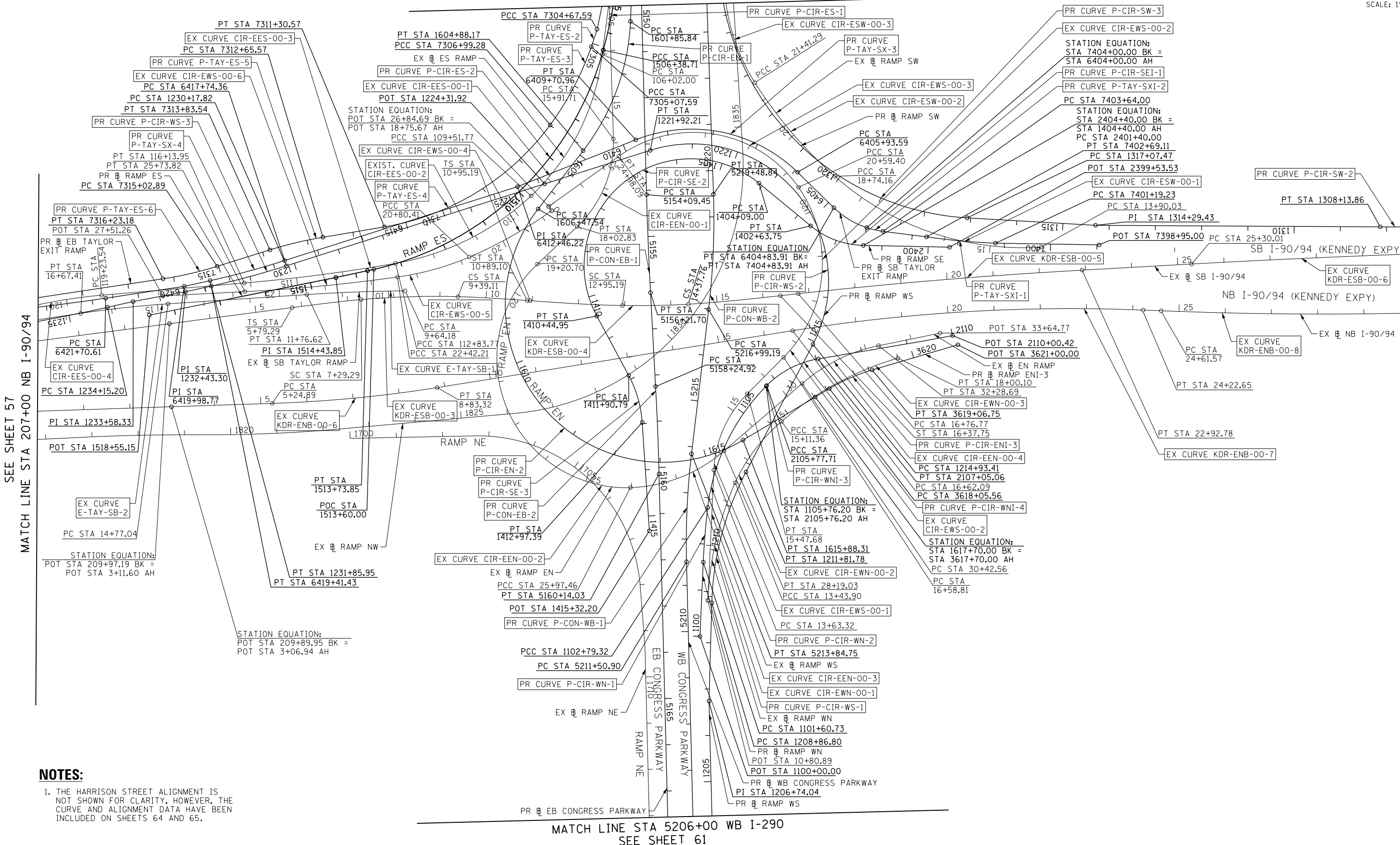
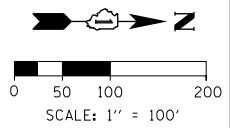
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PLOT DATE = 7/30/2018	DATE - 7/30/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES AND BENCHMARKS			
SCALE: 1" = 100'	SHEET 1	OF 13 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	57
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

SEE SHEET 60  
MATCH LINE STA 5150+00 EB I-290



SEE SHEET 57  
MATCH LINE STA 207+00 NB I-90/94

MATCH LINE STA 30+00 NB I-90/94  
SEE SHEET 59

MATCH LINE STA 5206+00 WB I-290  
SEE SHEET 61

**NOTES:**  
1. THE HARRISON STREET ALIGNMENT IS NOT SHOWN FOR CLARITY, HOWEVER, THE CURVE AND ALIGNMENT DATA HAVE BEEN INCLUDED ON SHEETS 64 AND 65.

FILE PATH = p:\617479-P\INT\ascomon\line\local\IACOM\_D502\_MH\Documents\01\_Americas\Transportation\60269938\_Circle\Phase\_11\000\_CAD\006\_Roadway\Sheets\60X93\_Contract\0160X93-Sht-ATB-02.dgn



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USER NAME = msbilliot  
PLOT SCALE = 200.0000' / in.  
PLOT DATE = 7/30/2018

DESIGNED - BMJ  
DRAWN - BMJ  
CHECKED - MJL  
DATE - 7/30/2018

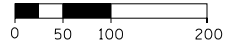
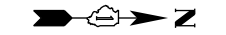
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REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

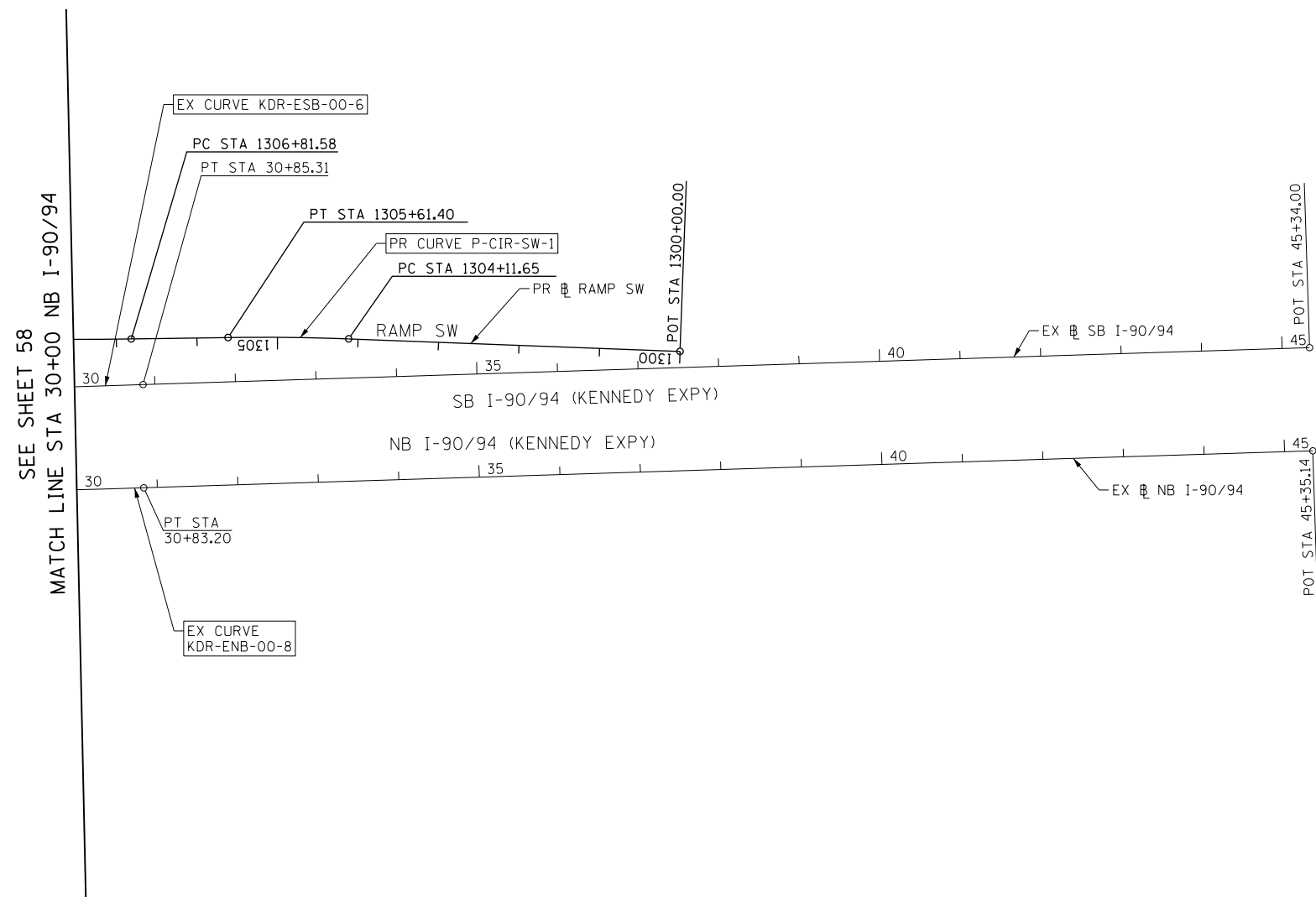
ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1" = 100' SHEET 2 OF 13 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	58
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				



SCALE: 1" = 100'



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PLOT SCALE = 200.0000' / in.
PLOT DATE = 7/30/2018

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DATE - 7/30/2018	REVISED -

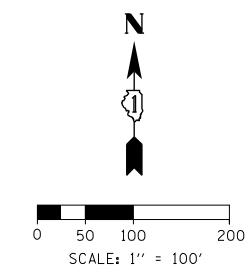
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT, TIES AND BENCHMARKS**

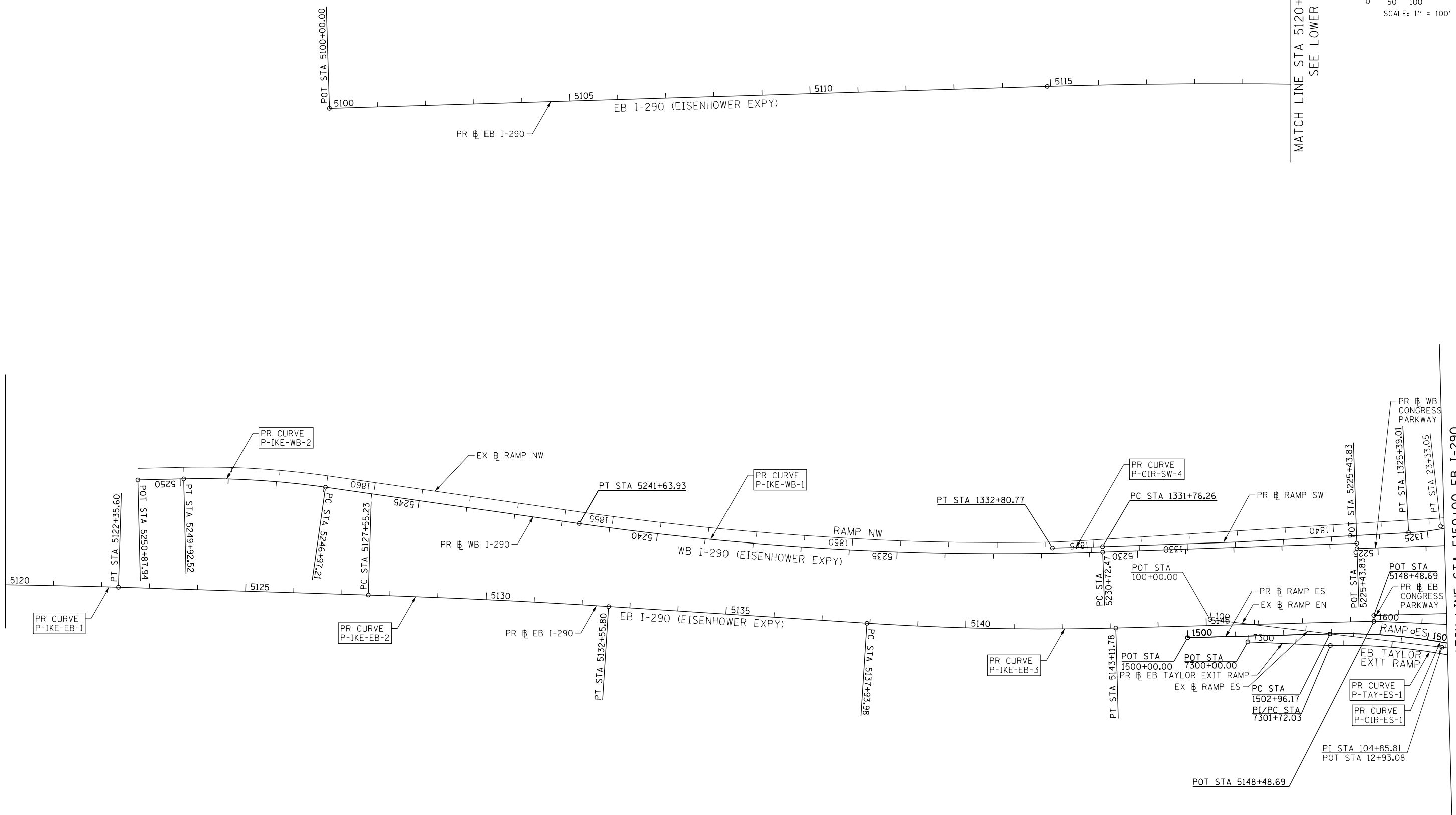
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	59
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

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SEE UPPER RIGHT  
MATCH LINE STA 5120+00 PR EB I-290



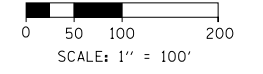
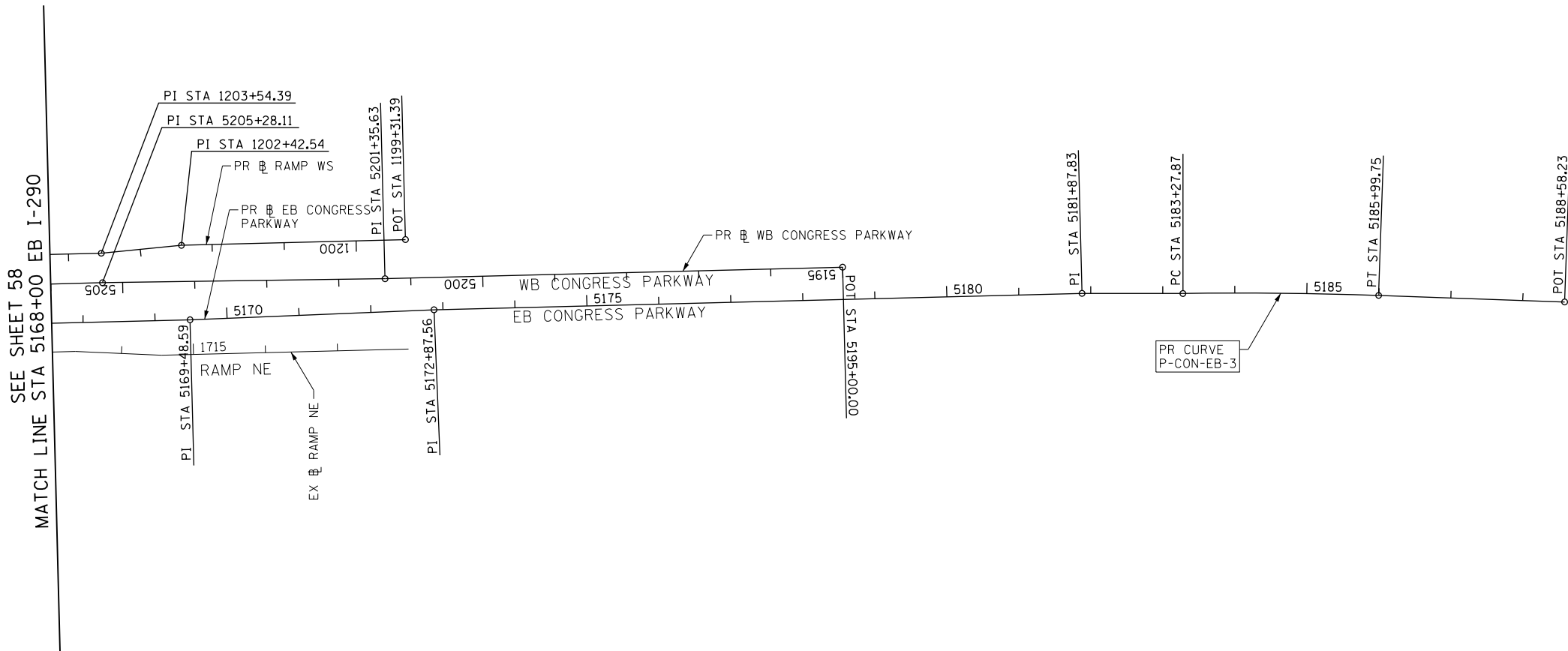
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PLOT DATE = 7/30/2018	DATE - 7/30/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES AND BENCHMARKS			
SCALE: 1" = 100'	SHEET 4	OF 13 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	60
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				





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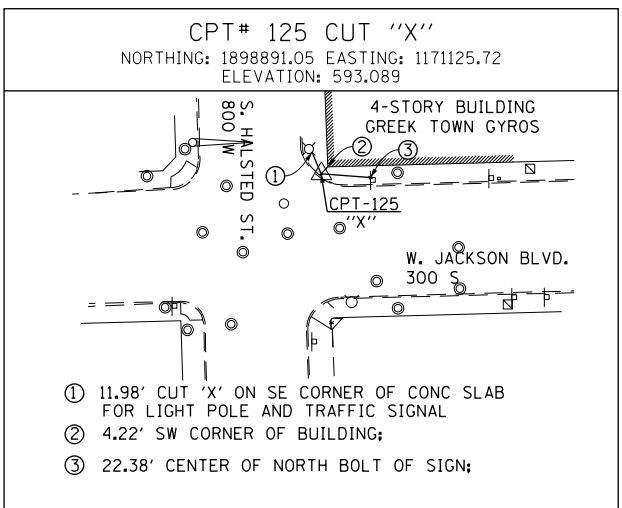
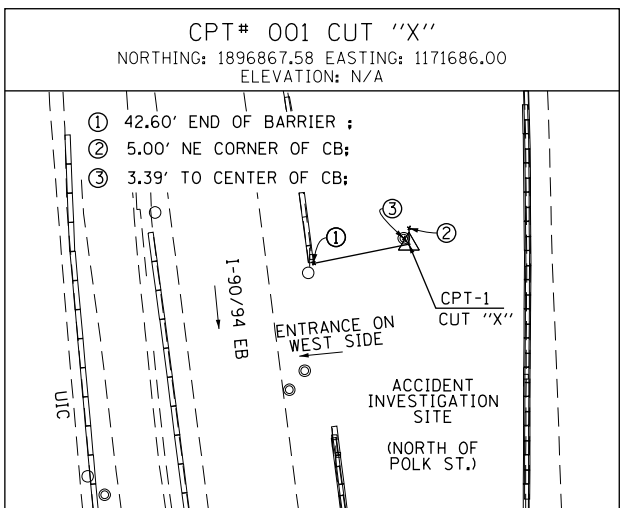
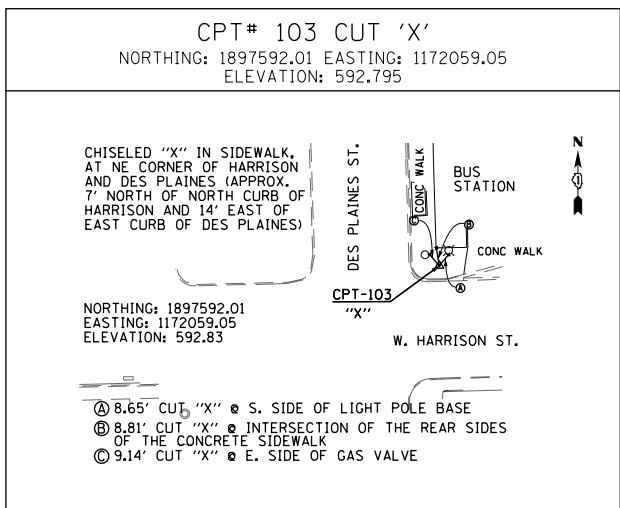
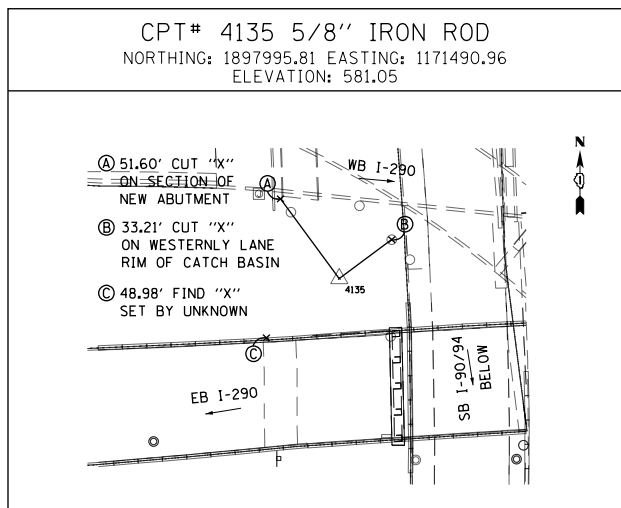
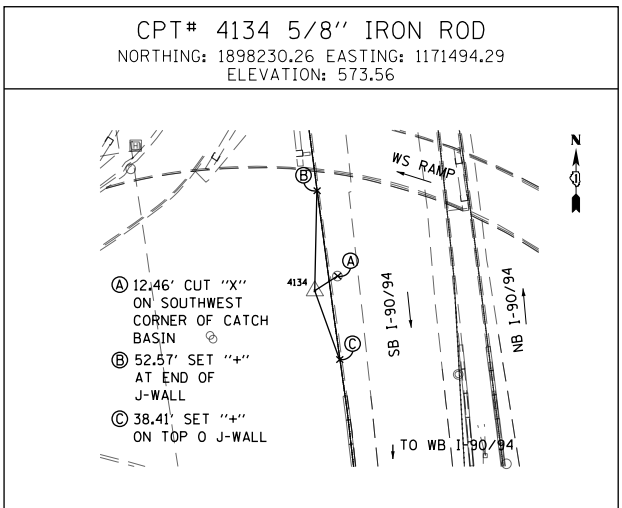
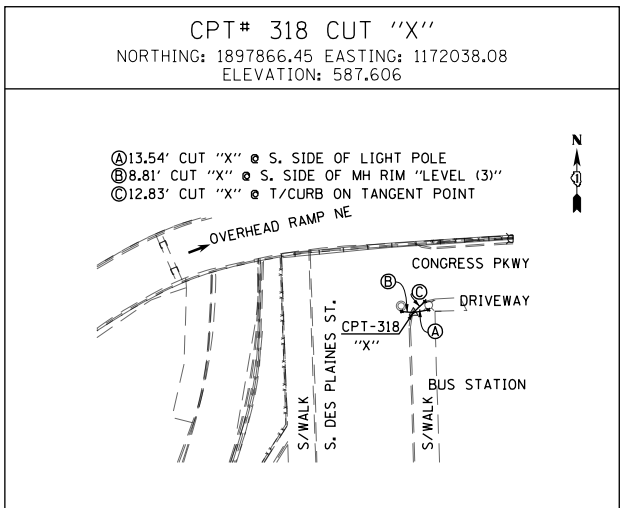
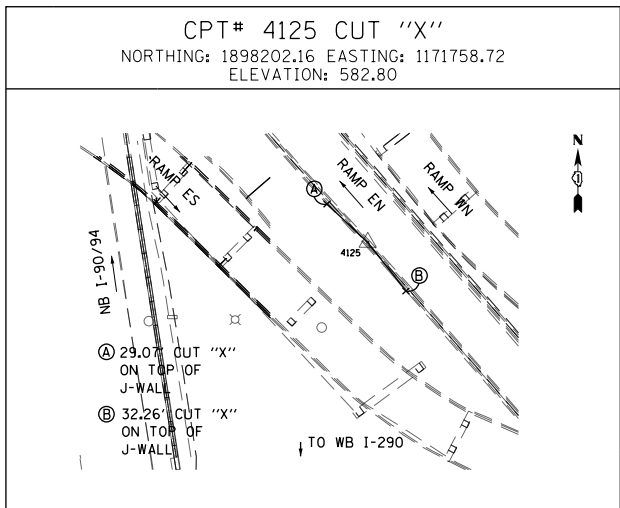
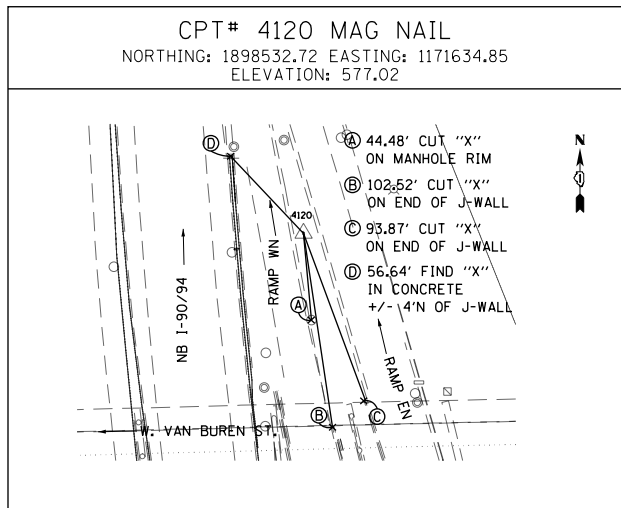
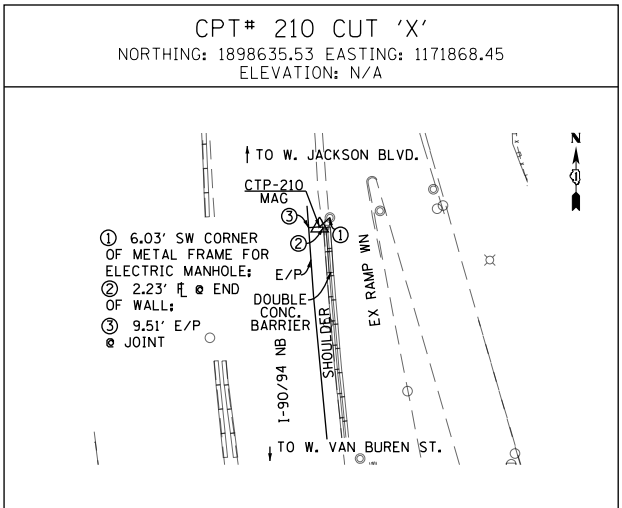
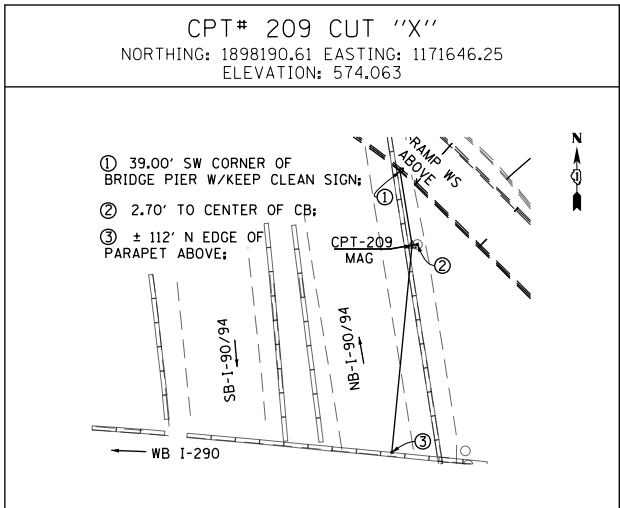
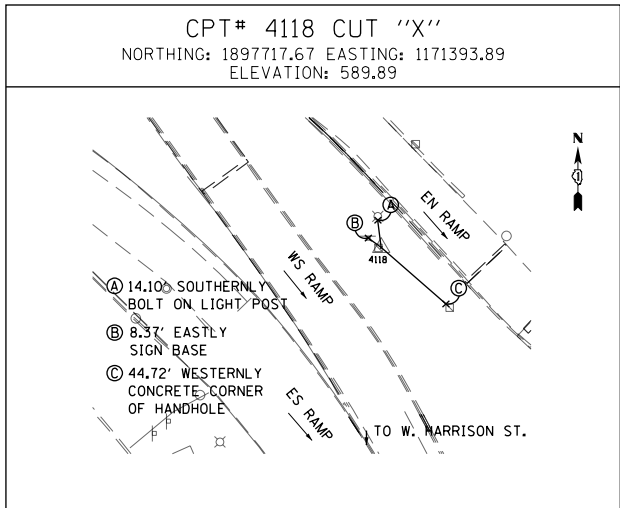
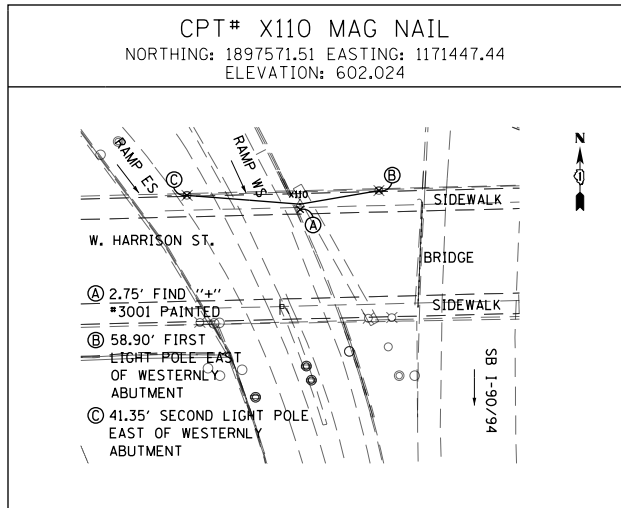
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PLOT DATE = 7/30/2018	DATE - 7/30/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES AND BENCHMARKS			
SCALE: 1" = 100'	SHEET 5 OF 13 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	61
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

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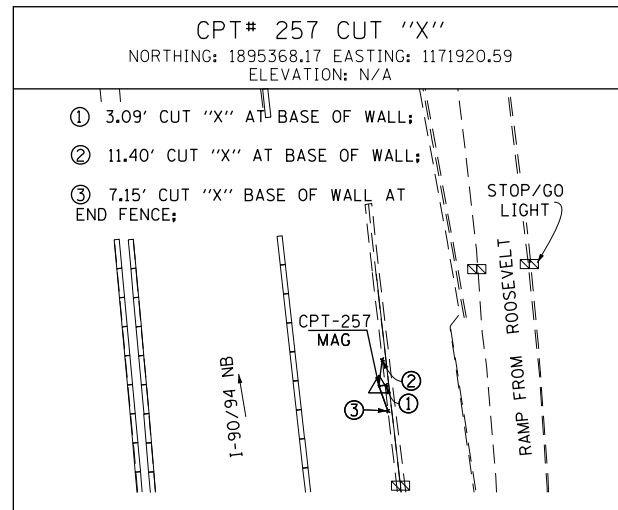
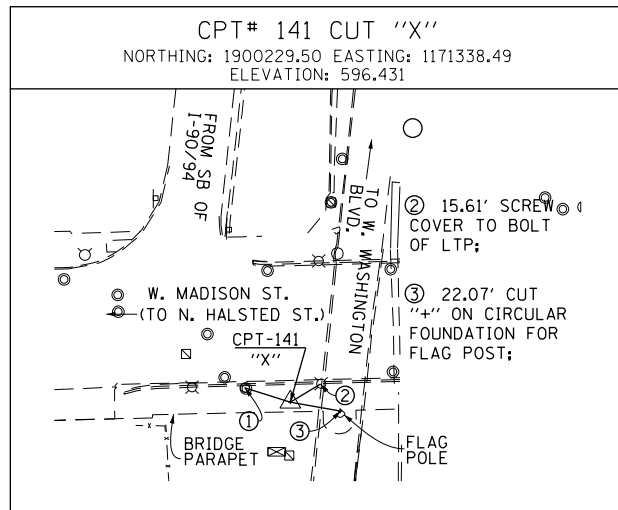
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PLOT SCALE = 100.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/30/2018	DATE - 7/30/2018	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES AND BENCHMARKS			
SCALE: 1" = 100'	SHEET 6 OF 13 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	62
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

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BENCHMARKS		
MONUMENT	ELEVATION	DESCRIPTION
BM 1345	594.1988	"+" CUT WSW FLANGE BOLT FH W. SIDE DES PLAINES ST. ±200' S. OF CL HARRISON ST.
BM 1346	594.6435	MK CUT TOP OF CONCRETE RETAINING WALL WITH C/L FNC ± CL VERNON @ W 90/94 (W. OF DES PLAINES)
BM 1349	593.6982	MK CUT WESTERLY SIDE CONCRETE BASE OF LIGHT E. SIDE HALSTED 11" POLE S. OF HARRISON
BM 1350	596.1054	MK CUT SW CORNER EASTERLY BRIDGE PARAPET HALSTED ST. BRIDGE OVER I-290
BM 1351	597.0724	MK CUT NW CORNER EASTERLY BRIDGE PAPAPET OVER I-290
BM 1365	598.6500	CUT SQUARE ON SOUTHERLY PARAPET WALL OVER I-90 ON WEST END, ±2.5' A/G.
BM 1366	597.4688	CUT SQUARE @ CENTER OF DOOR ENT TO 707 W. HARRISON. S. SIDE OF HARRISON ST. ± 90' W. OF W. LINE OF DES PLAINES (NOT GPS)
BM 1373	594.7389	CUT SQUARE ON S. LINE OF VAN BUREN ± 90' W. OF W. LINE OF DES PLAINES (ON CENTER OF 7 CONCRETE PLANTERS)
BM 1374	593.9980	CUT SQUARE @ SE CORNER OF VAN BUREN & HALSTED ON NE CORNER OF FIRST STEP OF DECORATIVE PILLARS
BM 1375	593.8420	CUT SQUARE ON STOOP TO RES #818 W. VAN BUREN N. SIDE OF RD. ± 150' W. OF VAN BUREN.
BM 1384	594.1735	CHISEL "X" ON CHAIN BOLT OF FILL @ NW CORNER OF JEFFERSON & TILDEN ST.
BM 1398	594.3625	CHISEL "X" ON CHAINBOLT OF F.H. S. SIDE OF JACKSON. FIRST HYDRANT E. OF HALSTED.



D160X93-Sht-ATB-06A.dgn  
 USER NAME = msbilliot  
 PLOT SCALE = 100.0000' / in.  
 PLOT DATE = 7/30/2018

DESIGNED - MJL	REVISED -
DRAWN - BMJ	REVISED -
CHECKED - JMG	REVISED -
DATE - 7/30/2018	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT, TIES AND BENCHMARKS**

SCALE: 1" = 100' SHEET 7 OF 13 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	63
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X93	

**EXISTING CURVE DATA**

**EXISTING I-90 KENNEDY EXPRESSWAY NB (E-KDR-NB)**

EXIST. CURVE KDR-ENB-00-4 PI STA. = 192+81.92 Δ = 3° 17' 58" (LT) D = 0° 48' 25" R = 7,100.63' T = 204.51' L = 408.90' E = 2.94' P.C. STA. = 190+77.41 P.T. STA. = 194+86.31	EXIST. CURVE KDR-ENB-00-5 PI STA. = 199+68.51 Δ = 3° 11' 12" (RT) D = 0° 30' 00" R = 11,460.32' T = 318.77' L = 637.38' E = 4.43' P.C. STA. = 196+49.74 P.T. STA. = 202+87.12	EXIST. CURVE KDR-ENB-00-6 PI STA. = 7+04.34 Δ = 7° 10' 07" (LT) D = 2° 00' 00" R = 2,864.80' T = 179.45' L = 358.43' E = 5.61' P.C. STA. = 5+24.89 P.T. STA. = 8+83.32	EXIST. CURVE KDR-ENB-00-7 PI STA. = 20+43.63 Δ = 11° 24' 28" (RT) D = 1° 30' 00" R = 3,819.89' T = 381.54' L = 760.55' E = 19.01' P.C. STA. = 16+62.09 P.T. STA. = 24+22.65	EXIST. CURVE KDR-ENB-00-8 PI STA. = 27+72.52 Δ = 4° 08' 39" (LT) D = 0° 40' 00" R = 8,594.42' T = 310.95' L = 621.63' E = 5.62' P.C. STA. = 24+61.57 P.T. STA. = 30+83.20
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**EXISTING I-90 KENNEDY EXPRESSWAY SB (E-KDR-SB)**

EXIST. CURVE KDR-ESB-00-1 PI STA. = 186+12.11 Δ = 0° 55' 38" (LT) D = 0° 45' 00" R = 7,640.04' T = 61.81' L = 123.62' E = 0.25' P.C. STA. = 185+50.30 P.T. STA. = 186+73.92	EXIST. CURVE KDR-ESB-00-2 PI STA. = 194+46.34 Δ = 4° 37' 53" (LT) D = 0° 18' 00" R = 19,100.00' T = 772.39' L = 1,543.93' E = 15.61' P.C. STA. = 186+73.95 P.T. STA. = 202+17.88	<i>PI Sta. 6+79.30</i> <i>Δs = 2° 23' 14.33"</i> <i>Ds = 3° 10' 59.11"</i> <i>T1 = 100.01'</i> <i>T2 = 50.01'</i> <i>Rs = 1,800.01'</i> <i>Ls = 150.00'</i> <i>5+79.29</i> <i>7+29.29</i>	<i>PI Sta. 9+89.11</i> <i>Δs = 2° 23' 13.76"</i> <i>Ds = 3° 10' 59.11"</i> <i>T1 = 100.00'</i> <i>T2 = 50.00'</i> <i>Rs = 1,800.01'</i> <i>Ls = 149.99'</i> <i>9+39.11</i> <i>10+89.10</i>	EXIST. CURVE KDR-ESB-00-3 PI STA. = 8+34.32 Δ = 6° 40' 44" (RT) D = 3° 10' 59" R = 1,800.01' T = 105.03' L = 209.82' E = 3.06' P.C. STA. = 7+29.29 P.T. STA. = 9+39.11	EXIST. CURVE KDR-ESB-00-4 PI STA. = 13+66.51 Δ = 4° 16' 36" (LT) D = 2° 59' 59" R = 1,910.09' T = 71.32' L = 142.57' E = 1.33' P.C. STA. = 12+95.19 P.T. STA. = 14+37.76	<i>PI Sta. 12+28.55</i> <i>Δs = 2° 59' 58.71"</i> <i>Ds = 2° 59' 58.71"</i> <i>T1 = 133.35'</i> <i>T2 = 66.68'</i> <i>Rs = 1,910.09'</i> <i>Ls = 200.00'</i> <i>10+95.19</i> <i>12+95.19</i>	<i>PI Sta. 15+04.45</i> <i>Δs = 2° 59' 58.17"</i> <i>Ds = 2° 59' 58.71"</i> <i>T1 = 133.35'</i> <i>T2 = 66.68'</i> <i>Rs = 1,910.09'</i> <i>Ls = 199.99'</i> <i>14+37.76</i> <i>16+37.75</i>	EXIST. CURVE KDR-ESB-00-5 PI STA. = 19+84.85 Δ = 3° 04' 48" (RT) D = 0° 30' 00" R = 11,459.27' T = 308.08' L = 616.01' E = 4.14' P.C. STA. = 16+76.77 P.T. STA. = 22+92.78	EXIST. CURVE KDR-ESB-00-6 PI STA. = 28+07.67 Δ = 1° 23' 18" (RT) D = 0° 15' 00" R = 22,918.30' T = 277.67' L = 555.31' E = 1.68' P.C. STA. = 25+30.01 P.T. STA. = 30+85.31
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**EXISTING CIRCLE INTERCHANGE RAMP EN (E-CIR-EN)**

EXIST. CURVE CIR-EEN-00-1 PI STA. = 17+04.03 Δ = 48° 23' 08" (RT) D = 22° 55' 06" R = 250.00' T = 112.32' L = 211.12' E = 24.07' P.C. STA. = 15+91.71 P.T. STA. = 18+02.83	EXIST. CURVE CIR-EEN-00-2 PI STA. = 26+59.42 Δ = 138° 29' 00" (LT) D = 20° 27' 46" R = 280.00' T = 738.72' L = 676.76' E = 510.01' P.C. STA. = 19+20.70 P.T. STA. = 25+97.46	EXIST. CURVE CIR-EEN-00-3 PI STA. = 27+12.77 Δ = 39° 10' 08" (LT) D = 17° 40' 40" R = 324.11' T = 115.31' L = 221.57' E = 19.90' P.C. STA. = 25+97.46 P.T. STA. = 28+19.03	EXIST. CURVE CIR-EEN-00-4 PI STA. = 31+37.75 Δ = 29° 37' 21" (RT) D = 15° 54' 55" R = 360.01' T = 95.19' L = 186.13' E = 12.37' P.C. STA. = 30+42.56 P.T. STA. = 32+28.69
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**EXISTING HARRISON STREET (E-HAR-CL)**

EXIST. CURVE HAR-CL-1 PI STA. = 7806+31.79 Δ = 7° 45' 00" (LT) D = 4° 58' 56" R = 1,150.00' T = 77.90' L = 155.55' E = 2.64' P.C. STA. = 7805+53.90 P.T. STA. = 7807+09.45
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**EXISTING CIRCLE INTERCHANGE RAMP ES (E-CIR-ES)**

EXIST. CURVE CIR-EES-00-1 PI STA. = 107+84.38 Δ = 40° 04' 47" (RT) D = 11° 27' 32" R = 500.01' T = 182.38' L = 349.77' E = 32.22' P.C. STA. = 106+02.00 P.T. STA. = 109+51.77	EXIST. CURVE CIR-EES-00-2 PI STA. = 111+22.58 Δ = 33° 11' 59" (RT) D = 9° 59' 59" R = 572.97' T = 170.81' L = 332.00' E = 24.92' P.C. STA. = 109+51.77 P.T. STA. = 112+83.77	EXIST. CURVE CIR-EES-00-3 PI STA. = 114+48.97 Δ = 4° 57' 10" (RT) D = 1° 30' 00" R = 3,819.73' T = 165.19' L = 330.18' E = 3.57' P.C. STA. = 112+83.77 P.T. STA. = 116+13.95	EXIST. CURVE CIR-EES-00-4 PI STA. = 120+33.98 Δ = 11° 33' 10" (LT) D = 5° 14' 53" R = 1,091.74' T = 110.44' L = 220.13' E = 5.57' P.C. STA. = 119+23.54 P.T. STA. = 121+43.67	EXIST. CURVE CIR-EES-00-5 PI STA. = 124+23.38 Δ = 8° 59' 59" (RT) D = 4° 15' 00" R = 1,348.15' T = 106.10' L = 211.76' E = 4.17' P.C. STA. = 123+17.28 P.T. STA. = 125+29.04
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**EXISTING CIRCLE INTERCHANGE RAMP SW (P-CIR-SW)**

EXIST. CURVE CIR-ESW-00-1 PI STA. = 16+45.46 Δ = 45° 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.T. STA. = 18+74.16	EXIST. CURVE CIR-ESW-00-2 PI STA. = 20+08.60 Δ = 16° 01' 34" (RT) D = 5° 59' 58" R = 955.00' T = 134.44' L = 267.12' E = 9.42' P.C. STA. = 18+74.16 P.T. STA. = 21+41.29	EXIST. CURVE CIR-ESW-00-3 PI STA. = 22+38.85 Δ = 26° 01' 11" (RT) D = 13° 34' 06" R = 422.28' T = 97.57' L = 191.77' E = 11.12' P.C. STA. = 21+41.29 P.T. STA. = 23+33.05
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**EXISTING CIRCLE INTERCHANGE RAMP WN (E-CIR-WN)**

EXIST. CURVE CIR-EWN-00-1 PI STA. = 12+13.96 Δ = 21° 31' 38" (RT) D = 8° 11' 06" R = 700.01' T = 133.07' L = 263.01' E = 12.54' P.C. STA. = 10+80.89 P.T. STA. = 13+43.90	EXIST. CURVE CIR-EWN-00-2 PI STA. = 14+28.99 Δ = 24° 59' 11" (RT) D = 14° 55' 14" R = 384.01' T = 85.08' L = 167.46' E = 9.31' P.C. STA. = 13+43.90 P.T. STA. = 15+11.36	EXIST. CURVE CIR-EWN-00-3 PI STA. = 16+58.03 Δ = 24° 49' 59" (RT) D = 8° 36' 02" R = 666.18' T = 146.67' L = 288.73' E = 15.95' P.C. STA. = 15+11.36 P.T. STA. = 18+00.10
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**EXISTING TAYLOR STREET SB EXIT (E-TAY-SB)**

EXIST. CURVE E-TAY-SB-1 PI STA. = 10+70.43 Δ = 3° 18' 29" (LT) D = 1° 33' 26" R = 3,679.44' T = 106.25' L = 212.44' E = 1.53' P.C. STA. = 9+64.18 P.T. STA. = 11+76.62	EXIST. CURVE E-TAY-SB-2 PI STA. = 15+72.46 Δ = 4° 45' 00" (LT) D = 2° 30' 00" R = 2,291.85' T = 95.06' L = 190.00' E = 1.97' P.C. STA. = 14+77.40 P.T. STA. = 16+67.41	EXIST. CURVE E-TAY-SB-3 PI STA. = 19+30.27 Δ = 6° 29' 26" (RT) D = 2° 45' 00" R = 2,083.50' T = 118.14' L = 236.02' E = 3.35' P.C. STA. = 18+12.13 P.T. STA. = 20+48.15
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**EXISTING CIRCLE INTERCHANGE RAMP WS (E-CIR-WS)**

EXIST. CURVE CIR-EWS-00-1 PI STA. = 14+59.92 Δ = 42° 15' 04" (RT) D = 22° 55' 04" R = 250.00' T = 96.60' L = 184.36' E = 18.01' P.C. STA. = 13+63.32 P.T. STA. = 15+47.68	EXIST. CURVE CIR-EWS-00-2 PI STA. = 18+99.17 Δ = 79° 41' 22" (LT) D = 19° 53' 40" R = 288.00' T = 240.36' L = 400.59' E = 87.12' P.C. STA. = 16+58.81 P.T. STA. = 20+59.40	EXIST. CURVE CIR-EWS-00-3 PI STA. = 23+40.00 Δ = 90° 44' 22" (LT) D = 20° 41' 04" R = 277.00' T = 280.60' L = 438.69' E = 117.29' P.C. STA. = 20+59.40 P.T. STA. = 24+98.09	EXIST. CURVE CIR-EWS-00-4 PI STA. = 19+78.44 Δ = 12° 22' 32" (RT) D = 6° 02' 40" R = 947.89' T = 102.77' L = 204.74' E = 5.55' P.C. STA. = 18+75.67 P.T. STA. = 20+80.41	EXIST. CURVE CIR-EWS-00-5 PI STA. = 21+61.79 Δ = 15° 14' 17" (RT) D = 9° 25' 03" R = 608.40' T = 81.38' L = 161.81' E = 5.42' P.C. STA. = 20+80.41 P.T. STA. = 22+42.21	EXIST. CURVE CIR-EWS-00-6 PI STA. = 24+08.12 Δ = 4° 57' 42" (RT) D = 1° 29' 46" R = 3,829.31' T = 165.91' L = 331.61' E = 3.59' P.C. STA. = 22+42.21 P.T. STA. = 25+73.82
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FILE PATH = p:\617479-P\MINT\secomon\line\loc\h\ecdm\DS02\_MN\Documents\01\_Americas\Transportation\602695938\_Circle\Phase\_11\000\_CAD\006\_Roadway\Sheets\60X93\_Contract\0160X93-Sht-ATB-07.dgn



D:\60X93-Sht-ATB-07.dgn	DESIGNED - BMJ	REVISED -
USER NAME = msbilliot	DRAWN - BMJ	REVISED -
PLOT SCALE = 200.0000' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 7/30/2018	DATE - 7/30/2018	REVISED -

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

ALIGNMENT, TIES AND BENCHMARKS			
SCALE: 1" = 100'	SHEET 8	OF 13 SHEETS	STA. TO STA.

F.A.I. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	64
CONTRACT NO. 60X93			ILLINOIS FED. AID PROJECT	

EXISTING ALIGNMENTS

EX NB I-90/94 (KENNEDY EXPY)				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		183+13.36	1,894,228.6347	1,171,899.8969
PC	KDR-ENB-00-4	190+77.41	1,894,992.2698	1,171,874.5496
PI	KDR-ENB-00-4	192+81.92	1,895,196.6626	1,171,867.7651
PT	KDR-ENB-00-4	194+86.31	1,895,400.3262	1,171,849.2283
PC	KDR-ENB-00-5	196+49.74	1,895,563.0812	1,171,834.4148
PI	KDR-ENB-00-5	199+68.51	1,895,880.5418	1,171,805.5204
PT	KDR-ENB-00-5	202+87.12	1,896,199.1177	1,171,794.3177
POT	209+89.95 BK, 3+06.94 AH		1,896,901.5590	1,171,770.9004
PC	KDR-ENB-00-6	5+24.89	1,897,119.3934	1,171,763.6385
PI	KDR-ENB-00-6	7+04.34	1,897,298.7419	1,171,757.6595
PT	KDR-ENB-00-6	8+83.32	1,897,475.9425	1,171,729.3467
PC	KDR-ENB-00-7	16+62.09	1,898,244.9598	1,171,606.4743
PI	KDR-ENB-00-7	20+43.63	1,898,621.7192	1,171,546.2763
PT	KDR-ENB-00-7	24+22.65	1,899,002.9421	1,171,561.7870
PC	KDR-ENB-00-8	24+61.57	1,899,041.8342	1,171,563.3694
PI	KDR-ENB-00-8	27+72.52	1,899,352.5300	1,171,576.0107
PT	KDR-ENB-00-8	30+83.20	1,899,663.3270	1,171,566.1658
POT		45+35.14	1,901,114.5368	1,171,520.1970

EX RAMP ES				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		100+00.00	1,897,905.8769	1,170,411.1180
PI		104+85.81	1,897,848.1878	1,170,893.4859
PC	CIR-EES-00-1	106+02.00	1,897,833.1375	1,171,008.7039
PI	CIR-EES-00-1	107+84.38	1,897,812.0320	1,171,189.8610
PCC	CIR-EES-00-1/CIR-EES-00-2	109+51.77	1,897,679.2448	1,171,314.8846
PI	CIR-EES-00-2	111+22.58	1,897,554.4446	1,171,431.5050
PCC	CIR-EES-00-2/CIR-EES-00-3	112+83.77	1,897,386.1594	1,171,460.7534
PI	CIR-EES-00-3	114+48.97	1,897,223.4066	1,171,489.0402
PT	CIR-EES-00-3	116+13.95	1,897,058.8194	1,171,503.1705
PC	CIR-EES-00-4	119+23.54	1,896,750.3679	1,171,529.6519
PI	CIR-EES-00-4	120+33.98	1,896,640.3327	1,171,539.0987
PT	CIR-EES-00-4	121+43.67	1,896,534.4186	1,171,570.3909
PC	CIR-EES-00-5	123+17.28	1,896,367.9252	1,171,619.5811
PI	CIR-EES-00-5	124+23.38	1,896,266.1759	1,171,649.6429
PT	CIR-EES-00-5	125+29.04	1,896,160.9766	1,171,663.4180
POT		125+69.05	1,896,121.3108	1,171,668.6915

EX SB TAYLOR EXIT RAMP				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
PC	E-TAY-SB-1	9+64.18	1,897,406.5240	1,171,520.1634
PI	E-TAY-SB-1	10+70.43	1,897,300.2782	1,171,521.1418
PT	E-TAY-SB-1	11+76.62	1,897,194.2659	1,171,528.2496
PC	E-TAY-SB-2	14+77.40	1,896,894.1570	1,171,548.3709
PI	E-TAY-SB-2	15+72.46	1,896,799.3134	1,171,554.7298
PT	E-TAY-SB-2	16+67.41	1,896,705.3222	1,171,568.9209
PC	E-TAY-SB-3	18+12.13	1,896,562.2219	1,171,590.5266
PI	E-TAY-SB-3	19+30.27	1,896,445.4085	1,171,608.1634
PT	E-TAY-SB-3	20+48.15	1,896,327.3502	1,171,612.4826
PI	ETAYSB002	23+36.49	1,896,039.2069	1,171,623.0245
PI	ETAYSB003	24+15.69	1,895,960.3066	1,171,629.9462
POT	ETAYSB004	25+25.76	1,895,850.7184	1,171,640.2636

EX SB I-90/94 (KENNEDY EXPY)				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		183+13.36	1,894,226.7720	1,171,843.7613
PC	KDR-ESB-00-1	185+50.30	1,894,463.5855	1,171,835.9008
PI	KDR-ESB-00-1	186+12.11	1,894,525.3637	1,171,833.8503
PT	KDR-ESB-00-1	186+73.92	1,894,587.1007	1,171,830.8004
PC	KDR-ESB-00-2	186+73.95	1,894,587.1274	1,171,830.7991
PI	KDR-ESB-00-2	194+46.34	1,895,358.5739	1,171,792.6885
PT	KDR-ESB-00-2	202+17.88	1,896,124.4241	1,171,692.4111
POT	209+97.19 BK, 3+11.60 AH		1,896,897.1317	1,171,591.2358
TS	KDR-ESB-00-3B	5+79.29	1,897,162.5525	1,171,556.4826
PIS	KDR-ESB-00-3B	6+79.30	1,897,261.7152	1,171,543.4986
SC	KDR-ESB-00-3	7+29.29	1,897,311.5276	1,171,539.0772
PI	KDR-ESB-00-3	8+34.32	1,897,416.1453	1,171,529.7912
CS	KDR-ESB-00-3	9+39.11	1,897,521.1330	1,171,532.7356
PIS	KDR-ESB-00-3A	9+89.11	1,897,571.1183	1,171,534.1374
ST	KDR-ESB-00-3A	10+89.10	1,897,670.8779	1,171,541.1020
TS	KDR-ESB-00-4B	10+95.19	1,897,676.9607	1,171,541.5267
PIS	KDR-ESB-00-4B	12+28.55	1,897,809.9894	1,171,550.8139
SC	KDR-ESB-00-4	12+95.19	1,897,876.6634	1,171,551.9707
PI	KDR-ESB-00-4	13+66.51	1,897,947.9712	1,171,553.2078
CS	KDR-ESB-00-4	14+37.76	1,898,019.1728	1,171,549.1239
PIS	KDR-ESB-00-4A	15+04.45	1,898,085.7441	1,171,545.3056
ST	KDR-ESB-00-4A	16+37.75	1,898,218.2892	1,171,530.7143
PC	KDR-ESB-00-5	16+76.77	1,898,257.0735	1,171,526.4446
PI	KDR-ESB-00-5	19+84.85	1,898,563.3008	1,171,492.7332
PT	KDR-ESB-00-5	22+92.78	1,898,870.8971	1,171,475.5242
PC	KDR-ESB-00-6	25+30.01	1,899,107.7534	1,171,462.2729
PI	KDR-ESB-00-6	28+07.67	1,899,384.9870	1,171,446.7626
PT	KDR-ESB-00-6	30+85.31	1,899,662.5150	1,171,437.9735
POT		45+34.00	1,901,110.4797	1,171,392.1175

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

EX RAMP NW				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		1799+15.31	1,894,946.4920	1,171,900.4273
PC	CIR-ENW-00-1	1800+00.00	1,895,031.1809	1,171,900.5016
PI	CIR-ENW-00-1	1802+87.74	1,895,318.9258	1,171,900.7538
PT	CIR-ENW-00-1	1805+75.24	1,895,605.9474	1,171,880.3637
PC	CIR-ENW-00-2	1806+76.00	1,895,706.4495	1,171,873.2240
PI	CIR-ENW-00-2	1808+18.54	1,895,848.6350	1,171,863.1231
PT	CIR-ENW-00-2	1809+61.00	1,895,991.1717	1,171,861.6943
PC	CIR-ENW-00-3	1811+31.33	1,896,161.4986	1,171,859.9869
PI	CIR-ENW-00-3	1812+20.52	1,896,250.6848	1,171,859.0929
PT	CIR-ENW-00-3	1813+09.69	1,896,339.7721	1,171,854.8014
PC	CIR-ENW-00-4	1816+90.20	1,896,719.8362	1,171,836.4929
PI	CIR-ENW-00-4	1817+80.05	1,896,809.5845	1,171,832.1696
PT	CIR-ENW-00-4	1818+69.87	1,896,899.4360	1,171,831.7822
PC	CIR-ENW-00-5	1819+78.75	1,897,008.3109	1,171,831.3128
PI	CIR-ENW-00-5	1821+03.43	1,897,132.9947	1,171,830.7752
PT	CIR-ENW-00-5	1822+27.97	1,897,257.1884	1,171,819.7186
PC	CIR-ENW-00-6	1826+18.11	1,897,645.7922	1,171,785.1222
PI	CIR-ENW-00-6	1831+44.22	1,898,169.8283	1,171,738.4686
PT	CIR-ENW-00-6	1834+52.27	1,898,136.8445	1,171,213.3949
PC	CIR-ENW-00-7	1844+81.10	1,898,072.3413	1,170,186.5877
PI	CIR-ENW-00-7	1845+33.13	1,898,069.0809	1,170,134.6571
PCC	CIR-ENW-00-7/CIR-ENW-00-8	1845+85.16	1,898,066.6941	1,170,082.6789
PI	CIR-ENW-00-8	1847+42.80	1,898,063.9985	1,169,925.0614
PCC	CIR-ENW-00-8/CIR-ENW-00-9	1849+00.38	1,898,069.3462	1,169,767.5115
PI	CIR-ENW-00-9	1849+83.23	1,898,072.6566	1,169,684.7253
PCC	CIR-ENW-00-9/CIR-ENW-00-10	1850+66.07	1,898,078.1862	1,169,602.0576
PI	CIR-ENW-00-10	1853+17.18	1,898,093.4331	1,169,351.4132
PT	CIR-ENW-00-10	1855+68.01	1,898,128.9788	1,169,102.8339
PC	CIR-ENW-00-11	1861+01.28	1,898,204.4635	1,168,574.9297
PI	CIR-ENW-00-11	1862+51.28	1,898,225.6950	1,168,426.4481
PT	CIR-ENW-00-11	1864+00.58	1,898,222.1139	1,168,276.4991
POT		1864+96.01	1,168,181.1006	1,168,181.1006

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

EX RAMP WN				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
PC	CIR-EWN-00-1	10+80.89	1,898,061.5790	1,172,189.8288
PI	CIR-EWN-00-1	12+13.96	1,898,066.8231	1,172,056.8577
PCC	CIR-EWN-00-1/CIR-EWN-00-2	13+43.90	1,898,120.4946	1,171,935.0867
PI	CIR-EWN-00-2	14+28.99	1,898,156.0073	1,171,857.7673
PCC	CIR-EWN-00-2/CIR-EWN-00-3	15+11.36	1,898,220.8562	1,171,802.6850
PI	CIR-EWN-00-3	16+58.03	1,898,331.5791	1,171,706.4955
PT	CIR-EWN-00-3	18+00.10	1,898,472.4613	1,171,665.7009

EX RAMP WS				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		10+80.89	1,898,061.5790	1,172,189.8288
PC	CIR-EWS-00-1	13+63.32	1,898,074.4485	1,171,907.6892
PI	CIR-EWS-00-1	14+59.92	1,898,078.8501	1,171,811.1924
PT	CIR-EWS-00-1	15+47.68	1,898,146.9909	1,171,742.7246
PC	CIR-EWS-00-2	16+58.81	1,898,225.3834	1,171,663.9559
PI	CIR-EWS-00-2	18+99.17	1,898,394.9331	1,171,493.5925
PCC	CIR-EWS-00-2/CIR-EWS-00-3	20+59.40	1,898,257.6484	1,171,296.3016
PI	CIR-EWS-00-3	23+40.00	1,898,097.3780	1,171,065.9783
PT	CIR-EWS-00-3	24+98.09	1,897,869.1423	1,171,229.2078
POT	26+84.69 BK = Sta 0+00.00 AH		1,897,717.3617	1,171,337.7582
PC	CIR-EWS-00-4, 0+11.04 BK =	18+75.67 AH	1,897,723.7342	1,171,346.7691
PI	CIR-EWS-00-4	19+78.44	1,897,640.1447	1,171,406.5568
PCC	CIR-EWS-00-4/CIR-EWS-00-5	20+80.41	1,897,545.6837	1,171,447.0403
PI	CIR-EWS-00-5	21+61.79	1,897,470	

**PROPOSED CURVE DATA**

**PROPOSED I-290 EISENHOWER EXPRESSWAY EB (P-IKE-EB)**

PROP. CURVE P-IKE-EB-1  
 PI STA. = 5118+64.60  
 $\Delta = 3^\circ 32' 38''$  (RT)  
 D = 0° 28' 39"  
 R = 12,000.00'  
 T = 371.24'  
 L = 742.24'  
 E = 5.74'  
 e = N.C.  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA. = 5114+93.36  
 P.T. STA. = 5122+35.60

PROP. CURVE P-IKE-EB-2  
 PI STA. = 5130+05.54  
 $\Delta = 1^\circ 54' 43''$  (RT)  
 D = 0° 22' 55"  
 R = 15,000.00'  
 T = 250.31'  
 L = 500.57'  
 E = 2.09'  
 e = N.C.  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA. = 5127+55.23  
 P.T. STA. = 5132+55.80

PROP. CURVE P-IKE-EB-3  
 PI STA. = 5140+53.06  
 $\Delta = 5^\circ 12' 17''$  (LT)  
 D = 1° 00' 19"  
 R = 5,700.00'  
 T = 259.08'  
 L = 517.80'  
 E = 5.88'  
 e = 2.00%  
 T.R. = 72'  
 S.E. RUN = 96'  
 P.C. STA. = 5137+93.98  
 P.T. STA. = 5143+11.78

**PROPOSED I-290 EISENHOWER EXPRESSWAY WB (P-IKE-WB)**

PROP. CURVE P-IKE-WB-1  
 PI STA. = 5236+19.61  
 $\Delta = 10^\circ 05' 11''$  (RT)  
 D = 0° 55' 27"  
 R = 6,200.00'  
 T = 547.15'  
 L = 1,091.46'  
 E = 24.10'  
 e = 2.00%  
 T.R. = 96'  
 S.E. RUN = 96'  
 P.C. STA. = 5230+72.47  
 P.T. STA. = 5241+63.93

PROP. CURVE P-IKE-WB-2  
 PI STA. = 5248+45.20  
 $\Delta = 9^\circ 30' 21''$  (LT)  
 D = 3° 13' 08"  
 R = 1,780.00'  
 T = 148.00'  
 L = 295.31'  
 E = 6.14'  
 e = 4.80%  
 T.R. = 96'  
 S.E. RUN = 252'  
 P.C. STA. = 5246+97.21  
 P.T. STA. = 5249+92.52

**PROPOSED I-290 CONGRESS PARKWAY EB (P-CON-EB)**

PROP. CURVE P-CON-EB-1  
 PI STA. = 5155+15.58  
 $\Delta = 1^\circ 35' 42''$  (LT)  
 D = 0° 45' 05"  
 R = 7,624.00'  
 T = 106.13'  
 L = 212.25'  
 E = 0.74'  
 e = 2.00%  
 T.R. = 78'  
 S.E. RUN = 72'  
 P.C. STA. = 5154+09.45  
 P.T. STA. = 5156+21.70

PROP. CURVE P-CON-EB-2  
 PI STA. = 5159+19.48  
 $\Delta = 1^\circ 39' 04''$  (RT)  
 D = 0° 52' 23"  
 R = 6,562.00'  
 T = 94.56'  
 L = 189.11'  
 E = 0.68'  
 e = 2.00%  
 T.R. = 72'  
 S.E. RUN = 72'  
 P.C. STA. = 5158+24.92  
 P.T. STA. = 5160+14.03

PROP. CURVE P-CON-EB-3  
 PI STA. = 5184+63.84  
 $\Delta = 2^\circ 50' 37''$  (RT)  
 D = 1° 02' 45"  
 R = 5,478.00'  
 T = 135.97'  
 L = 271.88'  
 E = 1.69'  
 e = N.C.  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA. = 5183+27.87  
 P.T. STA. = 5185+99.75

**PROPOSED I-290 CONGRESS PARKWAY WB (P-CON-WB)**

PROP. CURVE P-CON-WB-1  
 PI STA. = 5212+68.02  
 $\Delta = 8^\circ 12' 18''$  (RT)  
 D = 3° 30' 31"  
 R = 1,633.00'  
 T = 117.13'  
 L = 233.85'  
 E = 4.20'  
 e = 4.40%  
 T.R. = 67'  
 S.E. RUN = 147'  
 P.C. STA. = 5211+50.90  
 P.T. STA. = 5213+84.75

PROP. CURVE P-CON-WB-2  
 PI STA. = 5218+24.26  
 $\Delta = 8^\circ 42' 22''$  (LT)  
 D = 3° 29' 14"  
 R = 1,643.00'  
 T = 125.07'  
 L = 249.65'  
 E = 4.75'  
 e = 4.40%  
 T.R. = N/A  
 S.E. RUN = 97'  
 P.C. STA. = 5216+99.19  
 P.T. STA. = 5219+48.84

**PROPOSED CIRCLE INTERCHANGE RAMP ES (P-CIR-ES)**

PROP. CURVE P-CIR-ES-1  
 PI STA. = 1504+68.66  
 $\Delta = 16^\circ 40' 30''$  (RT)  
 D = 4° 52' 05"  
 R = 1,177.00'  
 T = 172.49'  
 L = 342.55'  
 E = 12.57'  
 e = 5.20%  
 T.R. = 45'  
 S.E. RUN = 116'  
 P.C. STA. = 1502+96.17  
 P.C.C. STA. = 1506+38.71

PROP. CURVE P-CIR-ES-2  
 PI STA. = 1510+49.08  
 $\Delta = 63^\circ 26' 03''$  (RT)  
 D = 8° 37' 44"  
 R = 664.00'  
 T = 410.37'  
 L = 735.14'  
 E = 116.58'  
 e = 5.80%  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C.C. STA. = 1506+38.71  
 P.T. STA. = 1513+73.85

**PROPOSED CIRCLE INTERCHANGE RAMP SE (P-CIR-SE)**

PROP. CURVE P-CIR-SEI-1  
 PI STA. = 1401+94.82  
 $\Delta = 45^\circ 11' 30''$  (RT)  
 D = 30° 58' 14"  
 R = 185.00'  
 T = 76.99'  
 L = 145.92'  
 E = 15.38'  
 e = 6.00%  
 T.R. = 46'  
 S.E. RUN = 138'  
 P.C. STA. = 2401+17.83  
 P.T. STA. = 1402+63.75

PROP. CURVE P-CIR-SE-2  
 PI STA. = 1415+83.08  
 $\Delta = 157^\circ 44' 18''$  (LT)  
 D = 24° 48' 12"  
 R = 231.00'  
 T = 1,174.08'  
 L = 635.96'  
 E = 965.59'  
 e = -5.60%  
 T.R. = 47'  
 S.E. RUN = 129'  
 P.C. STA. = 1404+09.00  
 P.T. STA. = 1410+44.95

PROP. CURVE P-CIR-SE-3  
 PI STA. = 1412+44.91  
 $\Delta = 24^\circ 25' 53''$  (RT)  
 D = 22° 55' 06"  
 R = 250.00'  
 T = 54.12'  
 L = 106.60'  
 E = 5.79'  
 e = 5.40%  
 T.R. = 46'  
 S.E. RUN = 124'  
 P.C. STA. = 1411+90.79  
 P.T. STA. = 1412+97.39

**PROPOSED CIRCLE INTERCHANGE RAMP SW (P-CIR-SW)**

PROP. CURVE P-CIR-SW-1  
 PI STA. = 1304+86.54  
 $\Delta = 3^\circ 00' 34''$  (LT)  
 D = 2° 00' 35"  
 R = 2,851.00'  
 T = 74.89'  
 L = 149.75'  
 E = 0.98'  
 e = 3.00%  
 T.R. = 67'  
 S.E. RUN = 100'  
 P.C. STA. = 1304+11.65  
 P.T. STA. = 1305+61.40

PROP. CURVE P-CIR-SW-2  
 PI STA. = 1307+47.72  
 $\Delta = 1^\circ 10' 04''$  (RT)  
 D = 0° 52' 58"  
 R = 6,491.00'  
 T = 66.14'  
 L = 132.28'  
 E = 0.34'  
 e = N.C.  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA. = 1306+81.58  
 P.T. STA. = 1308+13.86

PROP. CURVE P-CIR-SW-3  
 PI STA. = 1322+16.98  
 $\Delta = 83^\circ 35' 08''$  (RT)  
 D = 10° 03' 07"  
 R = 570.00'  
 T = 509.51'  
 L = 831.54'  
 E = 194.53'  
 e = 5.40%  
 T.R. = N/A  
 S.E. RUN = 101'  
 P.C. STA. = 1317+07.47  
 P.T. STA. = 1325+39.01

**PROPOSED CIRCLE INTERCHANGE RAMP WS (P-CIR-WS)**

PROP. CURVE P-CIR-WS-1  
 PI STA. = 1210+36.88  
 $\Delta = 26^\circ 00' 07''$  (RT)  
 D = 8° 48' 53"  
 R = 650.00'  
 T = 150.08'  
 L = 294.98'  
 E = 17.10'  
 e = 5.20%  
 T.R. = 52'  
 S.E. RUN = 134'  
 P.C. STA. = 1208+86.80  
 P.T. STA. = 1211+81.78

PROP. CURVE P-CIR-WS-2  
 PI STA. = 1222+12.72  
 $\Delta = 135^\circ 15' 55''$  (LT)  
 D = 19° 21' 24"  
 R = 296.00'  
 T = 719.31'  
 L = 698.80'  
 E = 481.83'  
 e = 5.00%  
 T.R. = 46'  
 S.E. RUN = 115'  
 P.C. STA. = 1214+93.41  
 P.T. STA. = 1221+92.21

PROP. CURVE P-CIR-WS-3  
 PI STA. = 1231+01.94  
 $\Delta = 5^\circ 04' 12''$  (RT)  
 D = 3° 00' 56"  
 R = 1,900.00'  
 T = 84.12'  
 L = 168.13'  
 E = 1.86'  
 e = 4.00%  
 T.R. = N/A  
 S.E. RUN = 44'  
 P.C. STA. = 1230+17.82  
 P.T. STA. = 1231+85.95

PROP. CURVE P-CIR-WSI-4  
 PI STA. = 1236+01.36  
 $\Delta = 5^\circ 05' 16''$  (RT)  
 D = 1° 22' 03"  
 R = 4,190.00'  
 T = 186.16'  
 L = 372.07'  
 E = 4.13'  
 e = N.C.  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA. = 1234+15.20  
 P.T. STA. = 1237+87.27

**PROPOSED CIRCLE INTERCHANGE RAMP WN (P-CIR-WN)**

PROP. CURVE P-CIR-WN-1  
 PI STA. = 1102+20.05  
 $\Delta = 4^\circ 14' 49''$  (RT)  
 D = 3° 34' 52"  
 R = 1,600.00'  
 T = 59.33'  
 L = 118.60'  
 E = 1.10'  
 e = 5.20%  
 T.R. = 49'  
 S.E. RUN = 127'  
 P.C. STA. = 1101+60.73  
 P.C.C. STA. = 1102+79.32

PROP. CURVE P-CIR-WN-2  
 PI STA. = 1105+88.67  
 $\Delta = 69^\circ 00' 44''$  (RT)  
 D = 12° 43' 57"  
 R = 450.00'  
 T = 309.35'  
 L = 542.02'  
 E = 96.07'  
 e = 5.20%  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C.C. STA. = 1102+79.32  
 P.C.C. STA. = 1108+21.34

PROP. CURVE P-CIR-WNI-3  
 PI STA. = 2105+76.95  
 $\Delta = 0^\circ 11' 32''$  (RT)  
 D = 12° 43' 57"  
 R = 450.00'  
 T = 0.75'  
 L = 1.51'  
 E = 0.00'  
 e = 5.20%  
 T.R. = 44'  
 S.E. RUN = 113'  
 P.C. STA. = 2105+76.20  
 P.T. STA. = 2105+77.71

PROP. CURVE P-CIR-WNI-4  
 PI STA. = 2106+43.52  
 $\Delta = 35^\circ 35' 40''$  (RT)  
 D = 27° 56' 57"  
 R = 205.00'  
 T = 65.81'  
 L = 127.35'  
 E = 10.30'  
 e = 5.20%  
 T.R. = 44'  
 S.E. RUN = 113'  
 P.C. STA. = 2105+77.71  
 P.T. STA. = 2107+05.06

**PROPOSED TAYLOR STREET EXIT RAMP (P-TAY-ES)**

PROP. CURVE P-TAY-ES-1  
 PI STA. = 7303+20.62  
 $\Delta = 14^\circ 41' 14''$  (RT)  
 D = 4° 58' 09"  
 R = 1,153.00'  
 T = 148.59'  
 L = 295.56'  
 E = 9.54'  
 e = 5.20%  
 T.R. = 49'  
 S.E. RUN = 127'  
 P.C. STA. = 7301+72.03  
 P.C.C. STA. = 7304+67.59

PROP. CURVE P-TAY-ES-2  
 PI STA. = 7304+87.59  
 $\Delta = 1^\circ 59' 16''$  (RT)  
 D = 4° 58' 09"  
 R = 1,153.00'  
 T = 20.00'  
 L = 40.00'  
 E = 0.17'  
 e = 5.80%  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C.C. STA. = 7304+67.59  
 P.C.C. STA. = 7305+07.59

PROP. CURVE P-TAY-ES-3  
 PI STA. = 7306+04.16  
 $\Delta = 17^\circ 09' 39''$  (RT)  
 D = 8° 57' 09"  
 R = 640.00'  
 T = 96.57'  
 L = 191.69'  
 E = 7.24'  
 e = 5.80%  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C.C. STA. = 7305+07.59  
 P.C.C. STA. = 7306+99.28

PROP. CURVE P-TAY-ES-4  
 PI STA. = 7309+26.26  
 $\Delta = 44^\circ 07' 39''$  (RT)  
 D = 10° 13' 53"  
 R = 560.00'  
 T = 226.98'  
 L = 431.30'  
 E = 44.25'  
 e = 5.80%  
 T.R. = N/A  
 S.E. RUN = 150'  
 P.C.C. STA. = 7306+99.28  
 P.T. STA. = 7311+30.57

PROP. CURVE P-TAY-ES-5  
 PI STA. = 7313+24.65  
 $\Delta = 7^\circ 47' 11''$  (LT)  
 D = 6° 36' 03"  
 R = 868.00'  
 T = 59.07'  
 L = 117.96'  
 E = 2.01'  
 e = 4.40%  
 T.R. = N/A  
 S.E. RUN = 114'  
 P.C. STA. = 7312+65.57  
 P.T. STA. = 7313+83.54

PROP. CURVE P-TAY-ES-6  
 PI STA. = 7315+63.15  
 $\Delta = 8^\circ 44' 46''$  (RT)  
 D = 7° 16' 16"  
 R = 788.00'  
 T = 60.26'  
 L = 120.29'  
 E = 2.30'  
 e = 4.60%  
 T.R. = N/A  
 S.E. RUN = 119'  
 P.C. STA. = 7315+02.89  
 P.T. STA. = 7316+23.18

PROP. CURVE P-TAY-ES-7  
 PI STA. = 7324+60.48  
 $\Delta = 7^\circ 04' 21''$  (RT)  
 D = 3° 56' 16"  
 R = 1,455.00'  
 T = 89.92'  
 L = 179.61'  
 E = 2.78'  
 e = 3.00%  
 T.R. = N/A  
 S.E. RUN = 38'  
 P.C. STA. = 7323+70.57  
 P.T. STA. = 7325+50.17

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USER NAME = msbilliot	DRAWN - BMJ	REVISED -
PLOT SCALE = 200.0000' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 7/30/2018	DATE - 7/30/2018	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES AND BENCHMARKS			
SCALE: 1" = 100'	SHEET 10	OF 13 SHEETS	STA. TO STA.

F.A.I. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	66
CONTRACT NO. 60X93			ILLINOIS FED. AID PROJECT	

**PROPOSED CURVE DATA**

**PROPOSED TAYLOR SB EXIT RAMP (P-TAY-SX)**

PROP. CURVE P-TAY-SXI-1 PI STA. = 7401+94.23 $\Delta = 5^\circ 49' 05''$ (RT) D = 3° 52' 55" R = 1,476.00' T = 75.01' L = 149.88' E = 1.90' e = 2.25% T.R. = N/A S.E. RUN = N/A P.C. STA. = 7401+19.23 P.T. STA. = 7402+69.11	PROP. CURVE P-TAY-SXI-2 PI STA. = 7404+26.15 $\Delta = 37^\circ 08' 13''$ (RT) D = 30° 58' 14" R = 185.00' T = 62.15' L = 119.91' E = 10.16' e = 6.00% T.R. = 52' S.E. RUN = 138' P.C. STA. = 7403+64.00 P.T. STA. = 6404+83.91	PROP. CURVE P-TAY-SX-3 PI STA. = 6408+06.27 $\Delta = 65^\circ 55' 10''$ (LT) D = 17° 28' 06" R = 328.00' T = 212.68' L = 377.37' E = 62.92' e = -5.00% T.R. = 46' S.E. RUN = 115' P.C. STA. = 6405+93.59 P.T. STA. = 6409+70.96	PROP. CURVE P-TAY-SX-4 PI STA. = 6418+57.95 $\Delta = 5^\circ 04' 12''$ (RT) D = 3° 02' 05" R = 1,888.00' T = 83.59' L = 167.07' E = 1.85' e = MATCH RAMP WS T.R. = N/A S.E. RUN = N/A P.C. STA. = 6417+74.36 P.T. STA. = 6419+41.43	PROP. CURVE P-TAY-SX-5 PI STA. = 6422+78.44 $\Delta = 2^\circ 57' 35''$ (RT) D = 1° 22' 22" R = 4,174.00' T = 107.83' L = 215.62' E = 1.39' e = N.C. T.R. = N/A S.E. RUN = N/A P.C. STA. = 6421+70.61 P.T. STA. = 6423+86.23
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**PROPOSED CIRCLE INTERCHANGE RAMP EN (P-CIR-EN)**

PROP. CURVE P-CIR-EN-1 PI STA. = 1603+41.95 $\Delta = 35^\circ 12' 28''$ (RT) D = 11° 38' 44" R = 492.00' T = 156.11' L = 302.33' E = 24.17' e = 5.60% T.R. = 30' S.E. RUN = 109' P.C. STA. = 1601+85.84 P.T. STA. = 1604+88.17	PROP. CURVE P-CIR-EN-2 PI STA. = 1624+41.43 $\Delta = 158^\circ 32' 09''$ (LT) D = 16° 51' 06" R = 340.00' T = 1,793.89' L = 940.77' E = 1,485.82' e = 5.60% T.R. = 37' S.E. RUN = 103' P.C. STA. = 1606+47.54 P.T. STA. = 1615+88.31	PROP. CURVE P-CIR-ENI-3 PI STA. = 3618+56.43 $\Delta = 14^\circ 29' 41''$ (RT) D = 14° 19' 26" R = 400.00' T = 50.87' L = 101.19' E = 3.22' e = 5.90% T.R. = 39' S.E. RUN = 114' P.C. STA. = 3618+05.56 P.T. STA. = 3619+06.75
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DI60X93-Sht-ATB-10.dgn	DESIGNED - BMJ	REVISED -
USER NAME = msbilliot	DRAWN - BMJ	REVISED -
PLOT SCALE = 200.0000' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 7/30/2018	DATE - 7/30/2018	REVISED -

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

ALIGNMENT, TIES AND BENCHMARKS			
SCALE: 1" = 100'	SHEET 11	OF 13 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	67
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

**PROPOSED ALIGNMENTS**

PR EB I-290				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		5100+00.00	1,897,927.5206	1,165,906.4515
PC	P-IKE-EB-1	5114+93.36	1,897,973.2554	1,167,399.1147
PI	P-IKE-EB-1	5118+64.60	1,897,984.6246	1,167,770.1775
PT	P-IKE-EB-1	5122+35.60	1,897,973.0354	1,168,141.2334
PC	P-IKE-EB-2	5127+55.23	1,897,956.8137	1,168,660.6068
PI	P-IKE-EB-2	5130+05.54	1,897,949.9996	1,168,910.7938
PT	P-IKE-EB-2	5132+55.80	1,897,932.8423	1,169,160.5809
PC	P-IKE-EB-3	5137+93.98	1,897,898.1030	1,169,697.6381
PI	P-IKE-EB-3	5140+53.06	1,897,881.3797	1,169,956.1753
PT	P-IKE-EB-3	5143+11.78	1,897,888.1790	1,170,215.1636
POT		5148+48.69	1,897,902.2699	1,170,751.8888

PR RAMP ES				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		1500+00.00	1,897,868.0913	1,170,364.4958
PC	P-CIR-ES-1	1502+96.17	1,897,875.8640	1,170,660.5601
PI	P-CIR-ES-1	1504+68.66	1,897,880.3909	1,170,832.9935
PCC	P-CIR-ES-1/P-CIR-ES-2	1506+38.71	1,897,835.2490	1,170,999.4747
PI	P-CIR-ES-2	1510+49.08	1,897,727.8543	1,171,395.5407
PT	P-CIR-ES-2	1513+73.85	1,897,325.5749	1,171,476.6158
PI		1514+43.85	1,897,257.1559	1,171,491.4250
PI		1516+78.79	1,897,332.3597	1,171,484.9983
POT		1518+55.15	1,896,853.9668	1,171,572.6835

PR RAMP WN				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		1100+00.00	1,898,044.4024	1,172,267.5932
PC	P-CIR-WN-1	1101+60.73	1,898,051.5595	1,172,107.0271
PI	P-CIR-WN-1	1102+20.05	1,898,054.2013	1,172,047.7594
POT	P-CIR-WN-1/P-CIR-WN-2	1102+79.32	1,898,061.2250	1,171,988.8500
PC	STATION EQUATION/P-CIR-WNI-3	2105+76.20	1,898,187.6400	1,171,726.1600
PI	P-CIR-WNI-3	2105+76.95	1,898,188.1700	1,171,725.6200
PCC	P-CIR-WNI-3/P-CIR-WNI-4	2105+77.71	1,898,188.7100	1,171,725.0900
PI	P-CIR-WNI-4	2106+43.52	1,898,235.0700	1,171,678.3900
PT	P-CIR-WNI-4	2107+05.06	1,898,299.9500	1,171,869.5200
PI		2109+32.42	1,898,524.1100	1,171,629.4300
POT		2110+00.42	1,898,590.9500	1,171,616.9000

PR WB I-290				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		5225+43.83	1,898,064.3549	1,170,716.2359
PC	P-IKE-WB-1	5230+72.47	1,898,046.3772	1,170,187.9023
PI	P-IKE-WB-1	5236+19.61	1,898,027.7701	1,169,641.0731
PT	P-IKE-WB-1	5241+63.93	1,898,105.2194	1,169,099.4366
PC	P-IKE-WB-2	5246+97.21	1,898,180.7051	1,168,571.5324
PI	P-IKE-WB-2	5248+45.20	1,898,201.6542	1,168,425.0263
PT	P-IKE-WB-2	5249+92.52	1,898,198.1207	1,168,277.0721
POT		5250+87.94	1,898,195.8424	1,168,181.6736

PR RAMP SE				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		2399+53.53	1,898,584.2700	1,171,425.8200
PC	P-CIR-SE-1	2401+40.00	1,898,397.8400	1,171,421.9600
PI	P-CIR-SE-1	2402+04.29	1,898,333.5600	1,171,420.6400
PT	P-CIR-SE-1	2402+63.75	1,898,283.9600	1,171,379.7300
POT	STATION EQUATION	2404+00.00	1,898,171.8982	1,171,287.3185
PC	P-CIR-SE-2	1404+09.00	1,898,171.8982	1,171,287.3185
PI	P-CIR-SE-2	1415+83.08	1,897,266.0992	1,170,540.3314
PT	P-CIR-SE-2	1410+44.95	1,897,821.3989	1,171,574.7896
PC	P-CIR-SE-3	1411+90.79	1,897,890.3731	1,171,703.2804
PI	P-CIR-SE-3	1412+44.91	1,897,915.9717	1,171,750.9676
PT	P-CIR-SE-3	1412+97.39	1,897,919.5546	1,171,804.9724
POT		1415+32.20	1,897,935.0987	1,172,039.2687

PR RAMP WS				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		1199+31.39	1,898,090.9472	1,173,149.4167
PI		1202+42.54	1,898,083.0859	1,172,838.3707
PI		1203+54.39	1,898,072.0202	1,172,727.0678
PI		1206+74.04	1,898,063.9440	1,172,407.5197
PC	P-CIR-WS-1	1208+86.80	1,898,070.0806	1,172,194.8475
PI	P-CIR-WS-1	1210+36.88	1,898,074.4092	1,172,044.8348
PT	P-CIR-WS-1	1211+81.78	1,898,144.0652	1,171,911.9039
PC	P-CIR-WS-2	1214+93.41	1,898,288.7014	1,171,635.8818
PI	P-CIR-WS-2	1222+12.72	1,898,622.5635	1,170,998.7427
PT	P-CIR-WS-2	1221+92.21	1,897,936.9621	1,171,216.3684
PI		1224+31.92	1,897,708.4901	1,171,288.8906
PC	P-CIR-WS-3	1230+17.82	1,897,150.0454	1,171,466.1538
PI	P-CIR-WS-3	1231+01.94	1,897,069.8686	1,171,491.6037
PT	P-CIR-WS-3	1231+85.95	1,896,987.7565	1,171,509.8686
PI		1232+43.30	1,896,931.7753	1,171,522.3210
PI		1233+58.33	1,896,818.6854	1,171,543.3788
PC	P-CIR-WSI-4	1234+15.20	1,896,763.1697	1,171,555.7276
PI	P-CIR-WSI-4	1236+01.36	1,896,581.4555	1,171,596.1478
PT	P-CIR-WSI-4	1237+87.27	1,896,396.8727	1,171,620.2940
POT		1241+20.44	1,896,066.5197	1,171,663.5092

PR EB CONGRESS PARKWAY				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		5148+48.69	1,897,914.2658	1,170,751.5739
PC	P-CON-EB-1	5154+09.45	1,897,928.9827	1,171,312.1431
PI	P-CON-EB-1	5155+15.58	1,897,931.7681	1,171,418.2406
PT	P-CON-EB-1	5156+21.70	1,897,937.5059	1,171,524.2195
PC	P-CON-EB-2	5158+24.92	1,897,948.4919	1,171,727.1366
PI	P-CON-EB-2	5159+19.48	1,897,953.6041	1,171,821.5611
PT	P-CON-EB-2	5160+14.03	1,897,955.9933	1,171,916.0936
PI		5169+48.59	1,897,979.6057	1,172,850.3581
PI		5172+87.56	1,897,993.5071	1,173,189.0386
PI		5181+87.83	1,898,016.2530	1,174,089.0174
PC	P-CON-EB-3	5183+27.87	1,898,016.1457	1,174,229.0662
PI	P-CON-EB-3	5184+63.84	1,898,018.1448	1,174,365.0176
PT	P-CON-EB-3	5185+99.75	1,898,013.3969	1,174,500.9007
POT		5188+58.23	1,898,004.3708	1,174,759.2235

PR RAMP SW				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		1300+00.00	1,900,329.0273	1,171,396.7549
PC	P-CIR-SW-1	1304+11.65	1,899,917.6707	1,171,381.2291
PI	P-CIR-SW-1	1304+86.54	1,899,842.8325	1,171,378.4045
PT	P-CIR-SW-1	1305+61.40	1,899,767.9492	1,171,379.5129
PC	P-CIR-SW-2	1306+81.58	1,899,647.7811	1,171,381.2915
PI	P-CIR-SW-2	1307+47.72	1,899,581.6443	1,171,382.2704
PT	P-CIR-SW-2	1308+13.86	1,899,515.5013	1,171,381.9013
PI		1314+29.43	1,898,899.9445	1,171,378.4667
PC	P-CIR-SW-3	1317+07.47	1,898,622.3715	1,171,362.3663
PI	P-CIR-SW-3	1322+16.98	1,898,113.7170	1,171,332.8621
PT	P-CIR-SW-3	1325+39.01	1,898,086.2098	1,170,824.0956
PI		1328+97.75	1,898,066.8422	1,170,465.8764
PC	P-CIR-SW-4	1331+76.26	1,898,057.3708	1,170,187.5283
PI	P-CIR-SW-4	1332+28.52	1,898,055.5938	1,170,135.3038
PT	P-CIR-SW-4	1332+80.77	1,898,054.6988	1,170,083.0568

PR TAYLOR EXIT RAMP				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		7300+00.00	1,897,859.3643	1,170,489.3261
PI/PC	P-TAY-ES-1	7301+72.03	1,897,851.8722	1,170,661.1900
PI	P-TAY-ES-1	7303+20.62	1,897,855.7720	1,170,809.7335
PCC	P-TAY-ES-1/P-TAY-ES-2	7304+67.59	1,897,821.8823	1,170,954.4121
PI	P-TAY-ES-2	7304+87.59	1,897,815.9728	1,170,973.5222
PCC	P-TAY-ES-2/P-TAY-ES-3	7305+07.59	1,897,809.4040	1,170,992.4159
PI	P-TAY-ES-3	7306+04.16	1,897,777.6920	1,171,083.6281
PCC	P-TAY-ES-3/P-TAY-ES-4	7306+99.28	1,897,720.4792	1,171,161.4226
PI	P-TAY-ES-4	7309+26.26	1,897,586.0018	1,171,344.2768
PT	P-TAY-ES-4	7311+30.57	1,897,362.1613	1,171,381.8972
PC	P-TAY-ES-5	7312+65.57	1,897,229.0285	1,171,404.2726
PI	P-TAY-ES-5	7313+24.65	1,897,170.7739	1,171,414.0633
PT	P-TAY-ES-5	7313+83.54	1,897,114.3829	1,171,431.6563
PC	P-TAY-ES-6	7315+02.89	1,897,000.4422	1,171,467.2036
PI	P-TAY-ES-6	7315+63.15	1,869,942.9165	1,171,485.1506
PT	P-TAY-ES-6	7316+23.18	1,896,883.3307	1,171,494.1417
PC	P-TAY-ES-7	7323+70.57	1,896,144.3089	1,171,605.6557
PI	P-TAY-ES-7	7324+60.48	1,896,055.3983	1,171,619.0718
PT	P-TAY-ES-7	7325+50.17	1,895,965.5123	1,171,621.4385
POT		7326+65.98	1,895,849.7437	1,171,624.4867

PR WB CONGRESS PARKWAY				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		5195+00.00	1,898,052.6914	1,173,756.5587
PI		5201+35.63	1,898,036.6318	1,173,121.1308
PI		5205+28.11	1,898,031.0482	1,172,728.6943
PC	P-CON-WB-1	5211+50.90	1,898,015.3129	1,172,106.1021
PI	P-CON-WB-1	5212+68.02	1,898,012.3536	1,171,989.0129
PT	P-CON-WB-1	5213+84.75	1,898,026.1351	1,171,872.6999
PC	P-CON-WB-2	5216+99.19	1,898,063.1327	1,171,560.4465
PI	P-CON-WB-2	5218+24.26	1,898,077.8485	1,171,436.2477
PT	P-CON-WB-2	5219+48.84	1,898,073.5952	1,171,311.2524
POT		5225+43.83	1,898,053.3612	1,170,716.6100

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PLOT SCALE = 200.0000' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 7/30/2018	DATE - 7/30/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT, TIES AND BENCHMARKS**

SCALE: 1" = 100' SHEET 12 OF 13 SHEETS STA. TO STA.

F.A.I. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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**PROPOSED ALIGNMENTS**

PR SB TAYLOR EXIT RAMP				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		7398+95.00	1,898,907.7791	1,171,420.8504
PC	P-TAY-SXI-1	7401+19.23	1,898,683.5827	1,171,417.1942
PI	P-TAY-SXI-1	7401+92.23	1,898,608.6409	1,171,414.0958
PT	P-TAY-SXI-1	7402+69.11	1,898,534.3993	1,171,403.4163
PC	P-TAY-SXI-2	7403+64.00	1,898,440.2506	1,171,391.5697
POC	STATION EQUATION	7404+00.00	1,898,405.9263	1,171,384.0841
PI	P-TAY-SXI-2	6404+26.15	1,898,378.5900	1,171,383.8100
PT	P-TAY-SXI-2	6404+83.91	1,898,334.1197	1,171,340.4004
PC	P-TAY-SX-3	6405+93.59	1,898,255.6322	1,171,263.7841
PI	P-TAY-SX-3	6408+06.27	1,898,103.4429	1,171,115.2232
PT	P-TAY-SX-3	6409+70.96	1,897,905.7145	1,171,193.5519
PI		6412+46.22	1,897,649.8052	1,171,294.9285
PC	P-TAY-SX-4	6417+74.36	1,897,146.4148	1,171,454.7162
PI	P-TAY-SX-4	6418+57.95	1,897,066.7445	1,171,480.0054
PT	P-TAY-SX-4	6419+41.43	1,896,985.1509	1,171,498.1549
PI		6419+98.77	1,896,929.1697	1,171,510.6073
PC	P-TAY-SX-5	6421+70.61	1,896,759.2385	1,171,536.1268
PI	P-TAY-SX-5	6422+78.44	1,896,652.6012	1,171,552.1412
PT	P-TAY-SX-5	6423+86.23	1,896,545.2793	1,171,562.6280
POT		6424+10.70	1,896,520.9244	1,171,565.0078

PR TAYLOR STREET				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		7600+00.00	1,895,799.8090	1,170,559.5852
PI		7605+90.77	1,895,817.4198	1,171,150.0915
PI		7610+64.22	1,895,849.6900	1,171,622.4461
POT		7623+16.38	1,895,882.6477	1,172,874.1705

PR RAMP EN				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		1600+00.00	1,897,902.2699	1,170,751.8888
PC	P-CIR-EN-1	1601+85.84	1,897,894.1761	1,170,937.5554
PI	P-CIR-EN-1	1603+41.95	1,897,887.3773	1,171,093.5163
PT	P-CIR-EN-1	1604+88.17	1,897,791.9037	1,171,217.0266
PC	P-CIR-EN-2	1606+47.54	1,897,694.4377	1,171,343.1145
PI	P-CIR-EN-2	1624+41.43	1,896,597.3281	1,172,762.4013
PT	P-CIR-EN-2	1615+88.31	1,898,137.6952	1,171,843.0026
PC	STATION EQUATION/P-CIR-ENI-3	3618+05.56	1,898,324.2408	1,171,731.6592
PI	P-CIR-ENI-3	3618+56.43	1,896,367.9200	1,171,705.5884
PT	P-CIR-ENI-3	3619+06.75	1,898,416.7343	1,171,691.2800
POT		3621+00.00	1,898,602.1801	1,171,636.9222

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 USER NAME = msbilliot  
 PLOT SCALE = 200.0000' / in.  
 PLOT DATE = 7/30/2018

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 DRAWN - BMJ  
 CHECKED - MJL  
 DATE - 7/30/2018

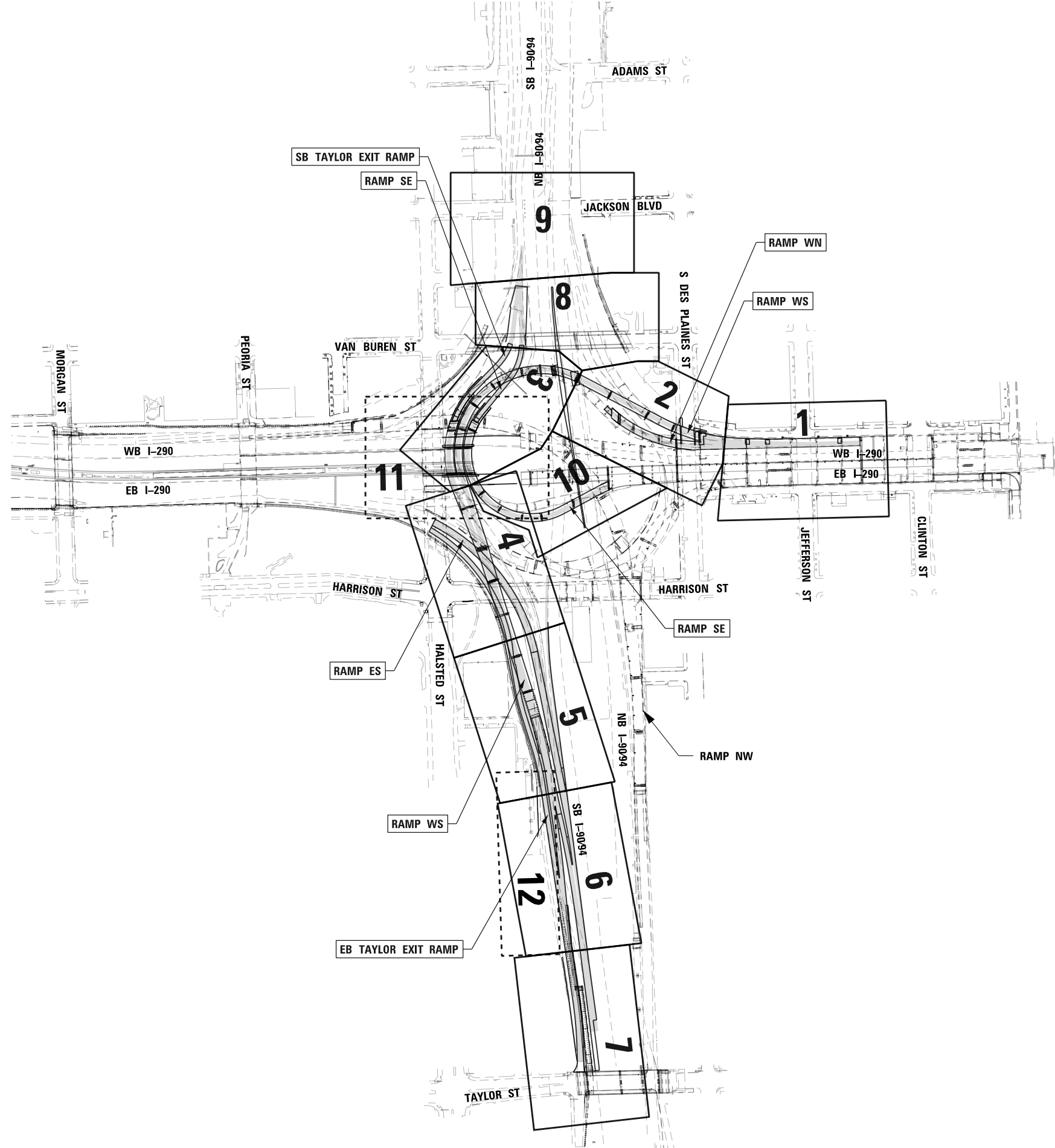
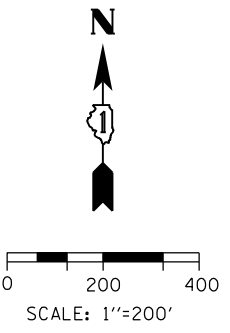
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT, TIES AND BENCHMARKS**

SCALE: 1" = 100' SHEET 13 OF 13 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	69
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				



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D160X93-SHT-Key Plan.dgn  
 USER NAME = dishevoz  
 PLOT SCALE = 400.0000' / in.  
 PLOT DATE = 7/26/2018

DESIGNED - OPS	REVISED -
DRAWN - OPS	REVISED -
CHECKED - MJE	REVISED -
DATE - 7/30/2018	REVISED -

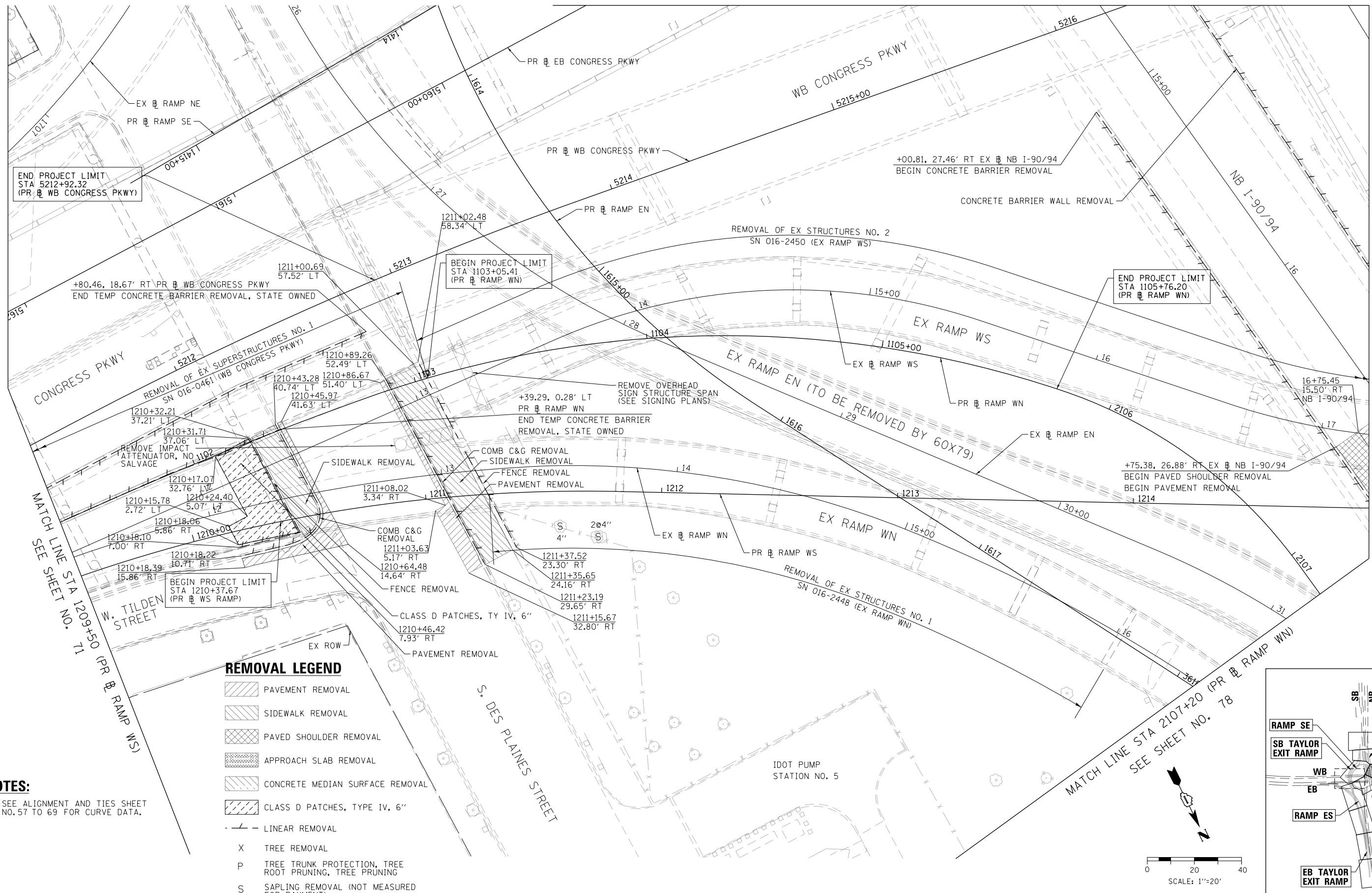
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**KEY PLAN**

SCALE: 1"=200'    SHEET 1    OF 1    SHEETS    STA.    TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	70
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				





END PROJECT LIMIT  
STA 5212+92.32  
(PR EB WB CONGRESS PKWY)

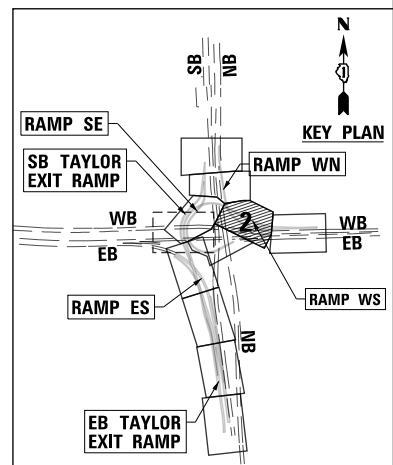
BEGIN PROJECT LIMIT  
STA 1103+05.41  
(PR EB RAMP WN)

END PROJECT LIMIT  
STA 1105+76.20  
(PR EB RAMP WN)

BEGIN PROJECT LIMIT  
STA 1210+37.67  
(PR EB WS RAMP)

- REMOVAL LEGEND**
- PAVEMENT REMOVAL
  - SIDEWALK REMOVAL
  - PAVED SHOULDER REMOVAL
  - APPROACH SLAB REMOVAL
  - CONCRETE MEDIAN SURFACE REMOVAL
  - CLASS D PATCHES, TYPE IV, 6"
  - LINEAR REMOVAL
  - TREE REMOVAL
  - TREE TRUNK PROTECTION, TREE ROOT PRUNING, TREE PRUNING
  - SAPLING REMOVAL (NOT MEASURED FOR PAYMENT)

**NOTES:**  
1. SEE ALIGNMENT AND TIES SHEET NO. 57 TO 69 FOR CURVE DATA.



MATCH LINE STA 1215+00 (PR EB RAMP WS)  
SEE SHEET NO. 73

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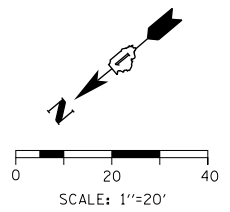
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USER NAME = msbilliot	DRAWN - MSB	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 7/30/2018	DATE - 7/30/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN**

SCALE: 1"=20' SHEET 2 OF 12 SHEETS STA. 1209+50 TO STA. 1215+00

F.A.I. RTE. 90/94/290	SECTION 2014-013R&B-R	COUNTY COOK	TOTAL SHEETS 1972	SHEET NO. 72
CONTRACT NO. 60X93				ILLINOIS FED. AID PROJECT



**NOTES:**  
 1. SEE ALIGNMENT AND TIES SHEET NO. 57 TO 69 FOR CURVE DATA.

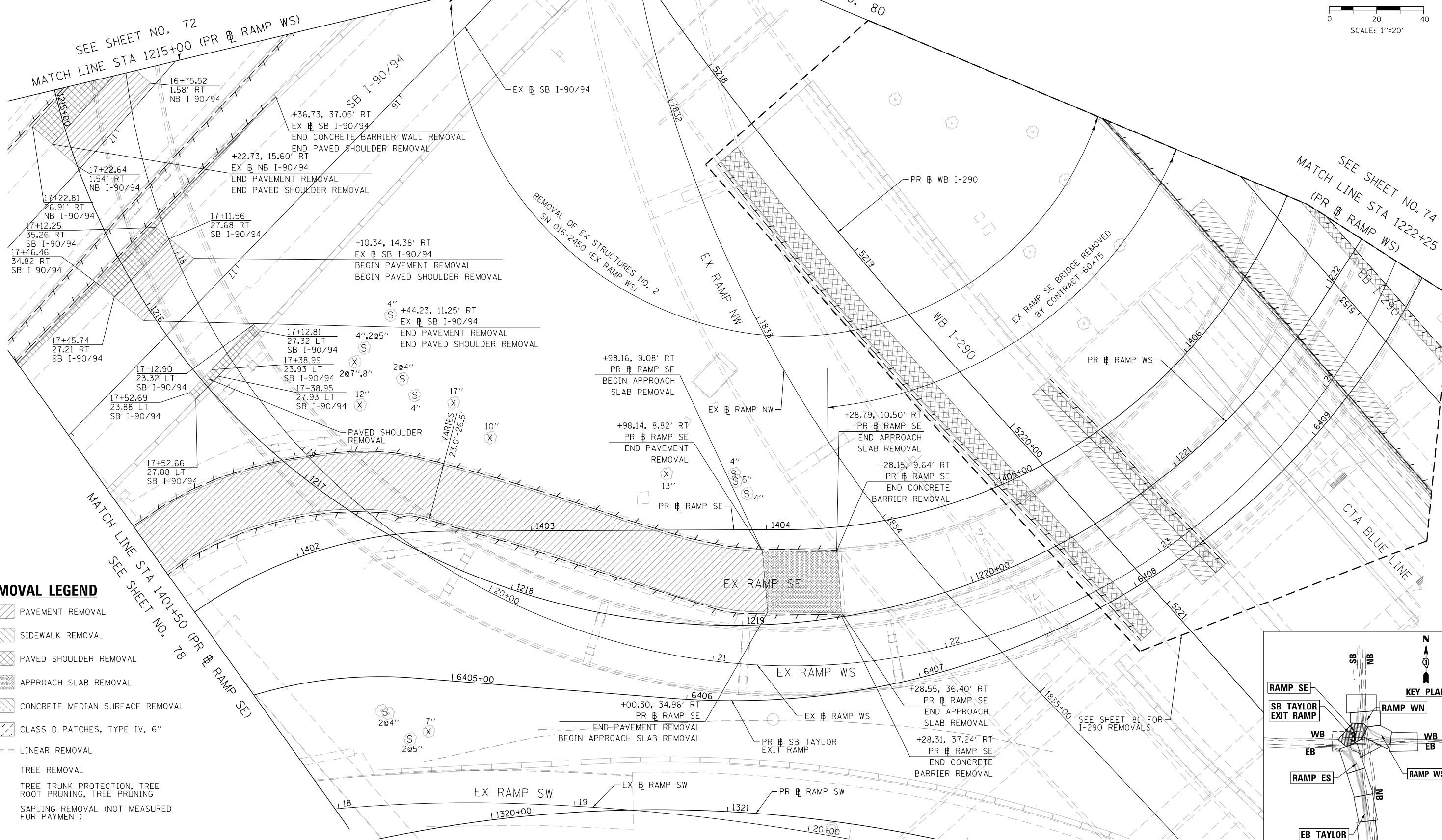
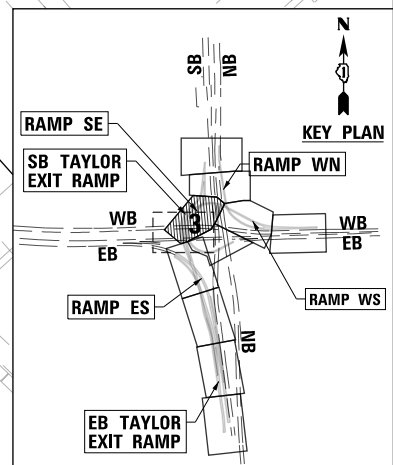
SEE SHEET NO. 80  
 SEE SHEET NO. 80

SEE SHEET NO. 72  
 MATCH LINE STA 1215+00 (PR RAMP WS)

SEE SHEET NO. 74  
 MATCH LINE STA 1222+25 (PR RAMP WS)

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- REMOVAL LEGEND**
- PAVEMENT REMOVAL
  - SIDEWALK REMOVAL
  - PAVED SHOULDER REMOVAL
  - APPROACH SLAB REMOVAL
  - CONCRETE MEDIAN SURFACE REMOVAL
  - CLASS D PATCHES, TYPE IV, 6"
  - LINEAR REMOVAL
  - X TREE REMOVAL
  - P TREE TRUNK PROTECTION, TREE ROOT PRUNING, TREE PRUNING
  - S SAPLING REMOVAL (NOT MEASURED FOR PAYMENT)



D160X93-Sht-Removal-03.dgn  
 USER NAME = msbilliot  
 PLOT SCALE = 40.0000' / in.  
 PLOT DATE = 7/30/2018

DESIGNED - MSB	REVISED -
DRAWN - MSB	REVISED -
CHECKED - MJL	REVISED -
DATE - 7/30/2018	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

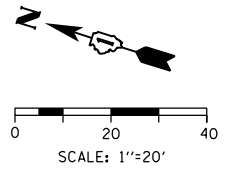
**REMOVAL PLAN**

SCALE: 1"=20' SHEET 3 OF 12 SHEETS STA. 1215+00 TO STA. 1222+25

F.A.I. RTE. 90/94/290	SECTION 2014-013R&B-R	COUNTY COOK	TOTAL SHEETS 1972	SHEET NO. 73
CONTRACT NO. 60X93			ILLINOIS FED. AID PROJECT	

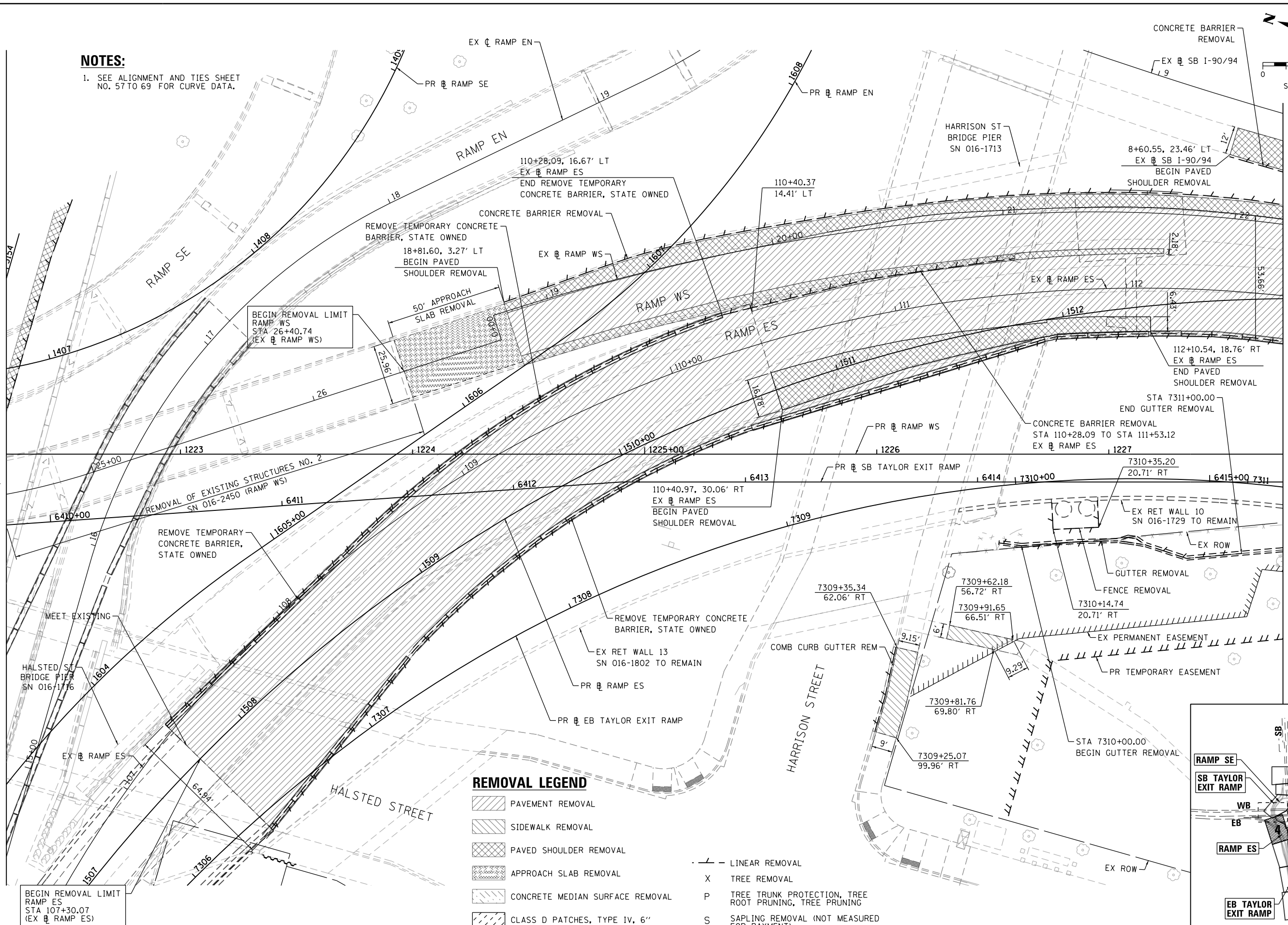
**NOTES:**

1. SEE ALIGNMENT AND TIES SHEET NO. 57 TO 69 FOR CURVE DATA.



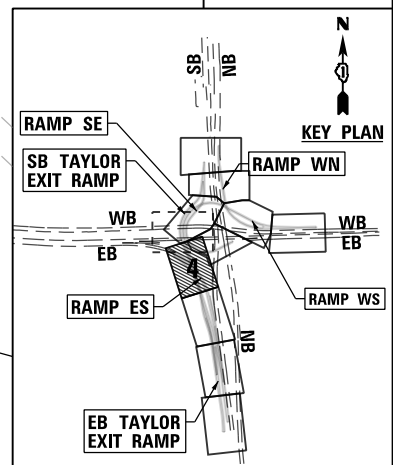
MATCH LINE STA 1222+25 (PR RAMP WS)  
SEE SHEET NO. 73

MATCH LINE STA 1227+75 (PR RAMP WS)  
SEE SHEET NO. 75



**REMOVAL LEGEND**

	PAVEMENT REMOVAL		LINEAR REMOVAL
	SIDEWALK REMOVAL	X	TREE REMOVAL
	PAVED SHOULDER REMOVAL	P	TREE TRUNK PROTECTION, TREE ROOT PRUNING, TREE PRUNING
	APPROACH SLAB REMOVAL	S	SAPLING REMOVAL (NOT MEASURED FOR PAYMENT)
	CONCRETE MEDIAN SURFACE REMOVAL		
	CLASS D PATCHES, TYPE IV, 6"		



BEGIN REMOVAL LIMIT  
RAMP ES  
STA 107+30.07  
(EX RAMP ES)

DESIGNED - OPS	REVISED -
DRAWN - OPS	REVISED -
CHECKED - MJE	REVISED -
DATE - 7/30/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN**

SCALE: 1"=20' SHEET 4 OF 12 SHEETS STA. 1222+25 TO STA. 1227+75

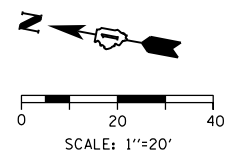
F.A.I. RTE. 90/94/290	SECTION 2014-013R&B-R	COUNTY COOK	TOTAL SHEETS 1972	SHEET NO. 74
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

FILE PATH = p:\617479-P\INT\pacom\line\local\AECOM\_D902\_MIA\Documents\01\_Americas\T\engor\station\602694938\_Circle\Phase\_11\000\_CAD\006\_Roadway\Sheets\60X93\_Contract\0160X93-Sht-Removal-04.dgn





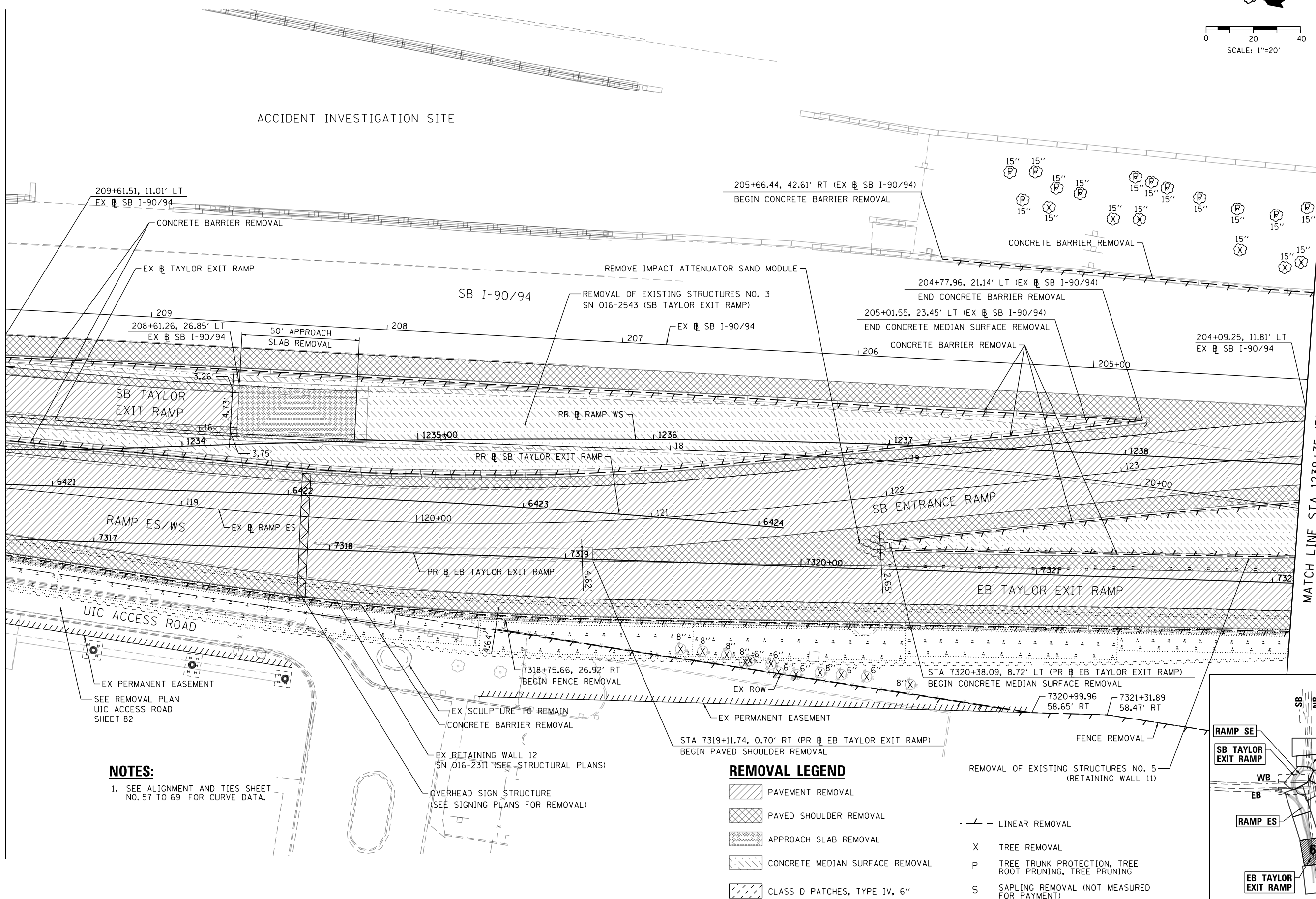




ACCIDENT INVESTIGATION SITE

MATCH LINE STA 1233+25 (PR EB RAMP WS)  
SEE SHEET NO. 75

MATCH LINE STA 1238+75 (PR EB RAMP WS)  
SEE SHEET NO. 77

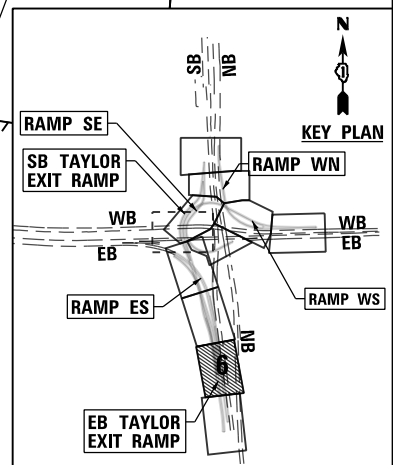


**NOTES:**

1. SEE ALIGNMENT AND TIES SHEET NO. 57 TO 69 FOR CURVE DATA.

**REMOVAL LEGEND**

- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- APPROACH SLAB REMOVAL
- CONCRETE MEDIAN SURFACE REMOVAL
- CLASS D PATCHES, TYPE IV, 6"
- LINEAR REMOVAL
- TREE REMOVAL
- TREE TRUNK PROTECTION, TREE ROOT PRUNING, TREE PRUNING
- SAPLING REMOVAL (NOT MEASURED FOR PAYMENT)



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D160X93-Sht-Removal-06.dgn	DESIGNED - OPS	REVISED -
USER NAME = PIMSARNO	DRAWN - OPS	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - MJE	REVISED -
PLOT DATE = 7/28/2018	DATE - 7/30/2018	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**REMOVAL PLAN**

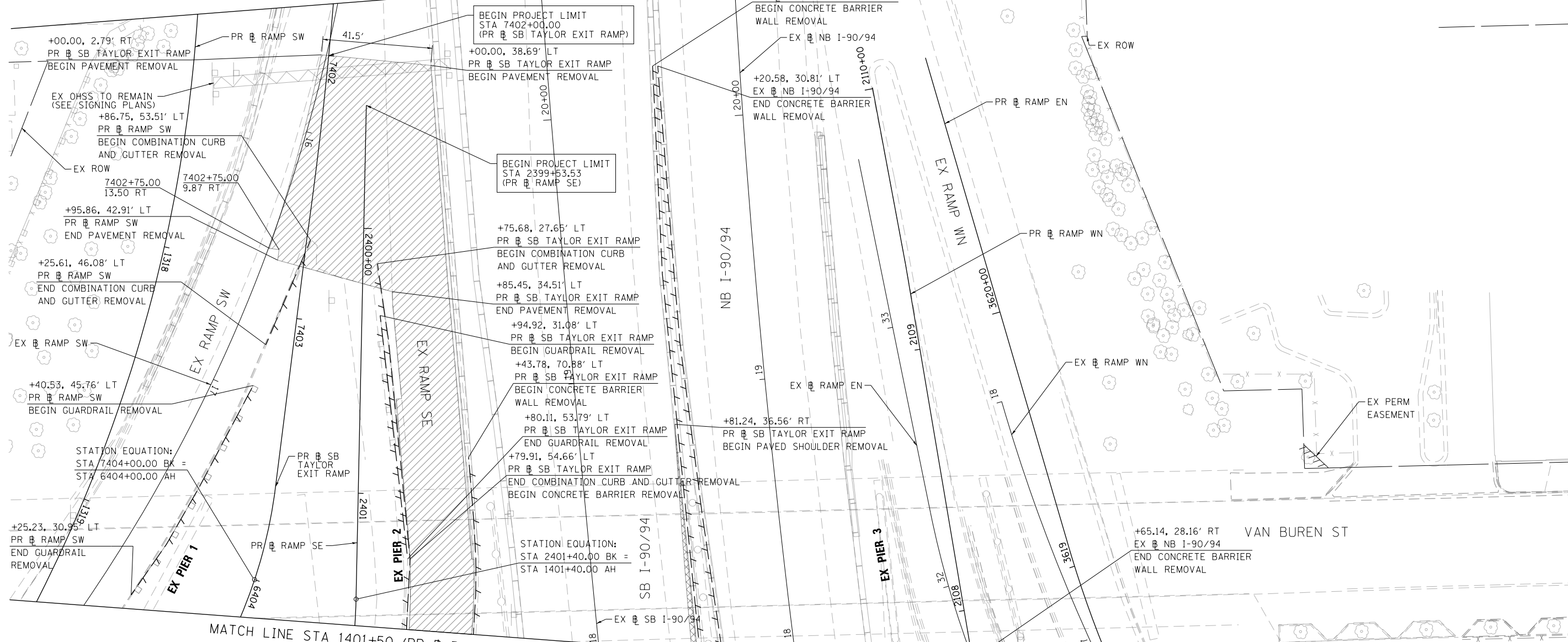
SCALE: 1"=20' SHEET 6 OF 12 SHEETS STA. 1233+25 TO STA. 1238+75

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	76
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				





MATCH LINE STA 20+50 (EX NB SB I-90/94)  
SEE SHEET NO. 79



MATCH LINE STA 1401+50 (PR RAMP SE)  
SEE SHEET NO. 73

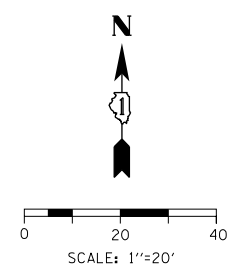
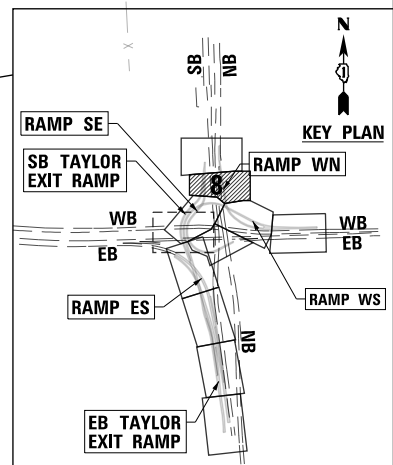
MATCH LINE STA 2107+20 (PR RAMP WN)  
SEE SHEET NO. 72

**REMOVAL LEGEND**

- PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- PAVED SHOULDER REMOVAL
- APPROACH SLAB REMOVAL
- CONCRETE MEDIAN SURFACE REMOVAL
- CLASS D PATCHES, TYPE IV, 6"
- LINEAR REMOVAL
- X TREE REMOVAL
- P TREE TRUNK PROTECTION, TREE ROOT PRUNING, TREE PRUNING
- S SAPLING REMOVAL (NOT MEASURED FOR PAYMENT)

**NOTES:**

1. SEE ALIGNMENT AND TIES SHEET NO. 57 TO 69 FOR CURVE DATA.



FILE PATH = p:\617479-P\INT\secomon\line\local\I90\CDM\0502\_NA\Documents\01\_Americas\Transportation\60269938\_Circle\Phase\_11\000\_CAD\006\_Roadway\Sheets\60X93\_Contract\0160X93-Sht-Removal-08.dgn



D:\60X93-Sht-Removal-08.dgn	DESIGNED - MSB	REVISED -
USER NAME = msbilliot	DRAWN - MSB	REVISED -
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PLOT DATE = 7/30/2018	DATE - 7/30/2018	REVISED -

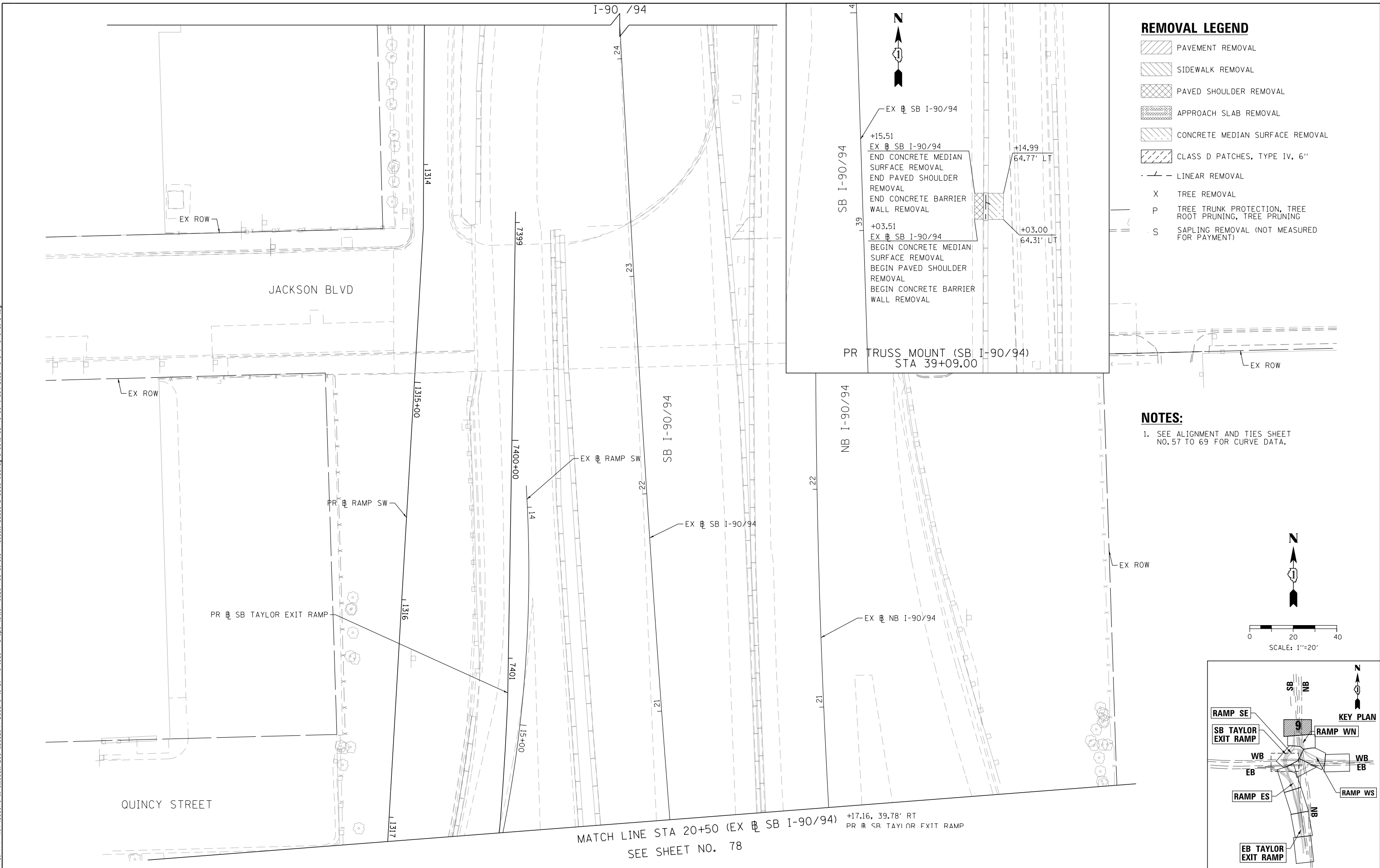
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN**

SCALE: 1"=20' SHEET 8 OF 12 SHEETS STA. 1401+50 TO STA. 20+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	78
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

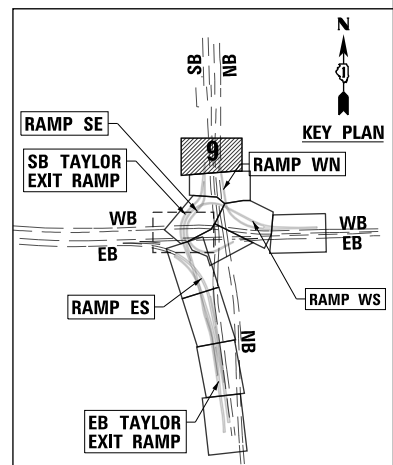
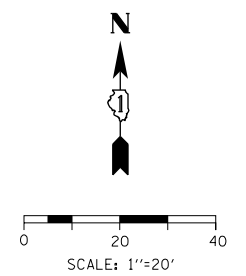
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**REMOVAL LEGEND**

- PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- PAVED SHOULDER REMOVAL
- APPROACH SLAB REMOVAL
- CONCRETE MEDIAN SURFACE REMOVAL
- CLASS D PATCHES, TYPE IV, 6"
- LINEAR REMOVAL
- X TREE REMOVAL
- P TREE TRUNK PROTECTION, TREE ROOT PRUNING, TREE PRUNING
- S SAPLING REMOVAL (NOT MEASURED FOR PAYMENT)

**NOTES:**  
 1. SEE ALIGNMENT AND TIES SHEET NO. 57 TO 69 FOR CURVE DATA.



MATCH LINE STA 20+50 (EX SB I-90/94) +17.16, 39.78' RT  
 PR SB TAYLOR EXIT RAMP  
 SEE SHEET NO. 78



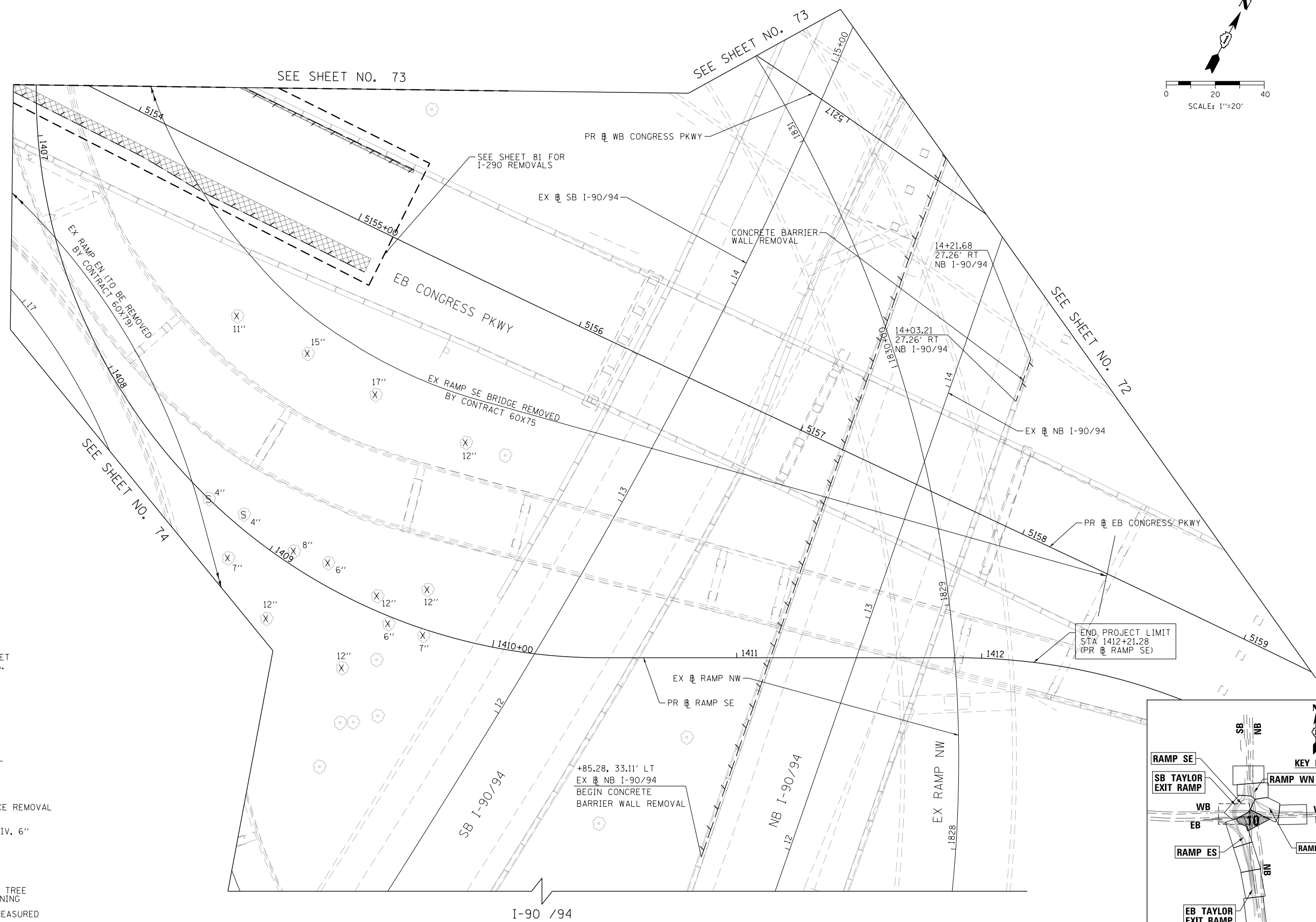
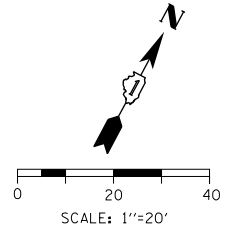
D160X93-Sht-Removal-09.dgn	DESIGNED - MSB	REVISED -
USER NAME = msbilliot	DRAWN - MSB	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 7/30/2018	DATE - 7/30/2018	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN**

SCALE: 1"=20' SHEET 9 OF 12 SHEETS STA. 20+50 TO STA. 24+16

F.A.I. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	79
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

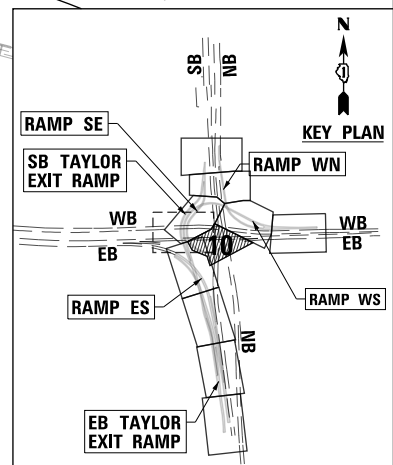


**NOTES:**

1. SEE ALIGNMENT AND TIES SHEET NO. 57 TO 69 FOR CURVE DATA.

**REMOVAL LEGEND**

- PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- PAVED SHOULDER REMOVAL
- APPROACH SLAB REMOVAL
- CONCRETE MEDIAN SURFACE REMOVAL
- CLASS D PATCHES, TYPE IV, 6"
- LINEAR REMOVAL
- X TREE REMOVAL
- P TREE TRUNK PROTECTION, TREE ROOT PRUNING, TREE PRUNING
- S SAPLING REMOVAL (NOT MEASURED FOR PAYMENT)



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D160X93-Sht-Removal-10.dgn	DESIGNED - MSB	REVISED -
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PLOT SCALE = 40.0000' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 7/30/2018	DATE - 7/30/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

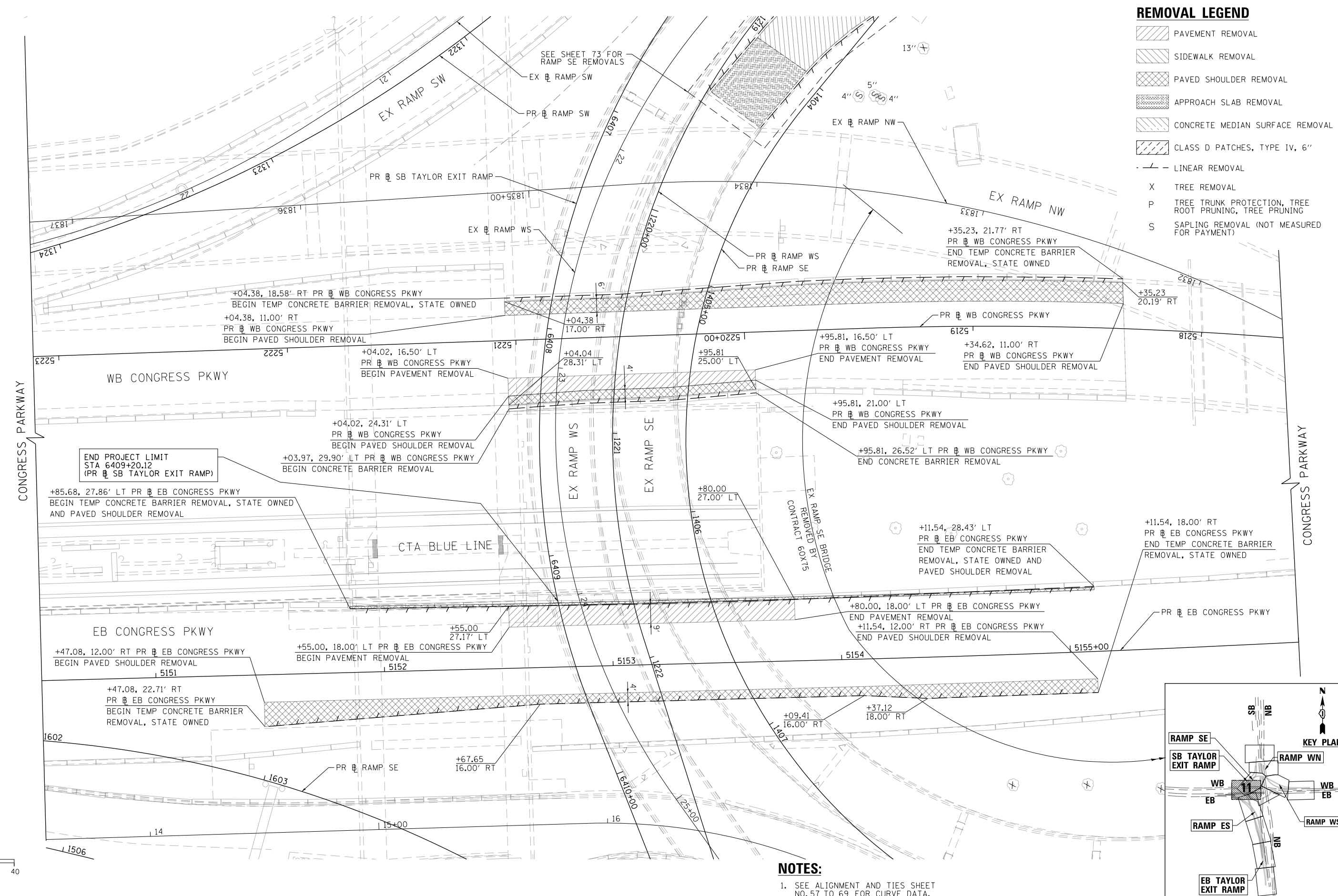
**REMOVAL PLAN**

SCALE: 1"=20'      SHEET 10 OF 12 SHEETS      STA. 1406+79.15 TO STA. 1412+21.28

F.A.I. RTE. 90/94/290	SECTION 2014-013R&B-R	COUNTY COOK	TOTAL SHEETS 1972	SHEET NO. 80
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X93	

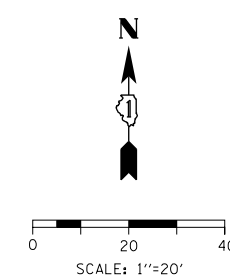
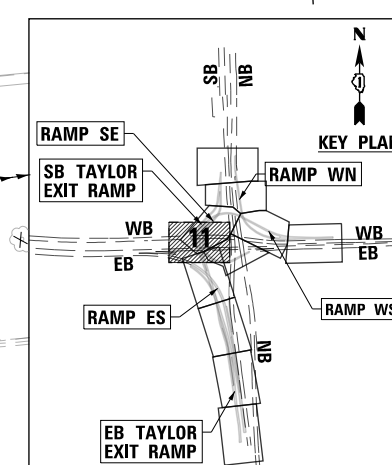
**REMOVAL LEGEND**

	PAVEMENT REMOVAL
	SIDEWALK REMOVAL
	PAVED SHOULDER REMOVAL
	APPROACH SLAB REMOVAL
	CONCRETE MEDIAN SURFACE REMOVAL
	CLASS D PATCHES, TYPE IV, 6"
	LINEAR REMOVAL
X	TREE REMOVAL
P	TREE TRUNK PROTECTION, TREE ROOT PRUNING, TREE PRUNING
S	SAPLING REMOVAL (NOT MEASURED FOR PAYMENT)



END PROJECT LIMIT  
STA 6409+20.12  
(PR EB SB TAYLOR EXIT RAMP)

**NOTES:**  
1. SEE ALIGNMENT AND TIES SHEET NO. 57 TO 69 FOR CURVE DATA.



FILE PATH = p:\617479-P\INT\recomon\line\local\IACOM\_D502\_MN\Documents\01\_Americas\Transportation\60269938\_Circle\Phase\_11\000\_CAD\006\_Roadway\Sheets\60X93\_Contract\0160X93-Sht-Removal-11.dgn



D160X93-Sht-Removal-11.dgn	DESIGNED - MSB	REVISED -
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PLOT DATE = 7/30/2018	DATE - 7/30/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

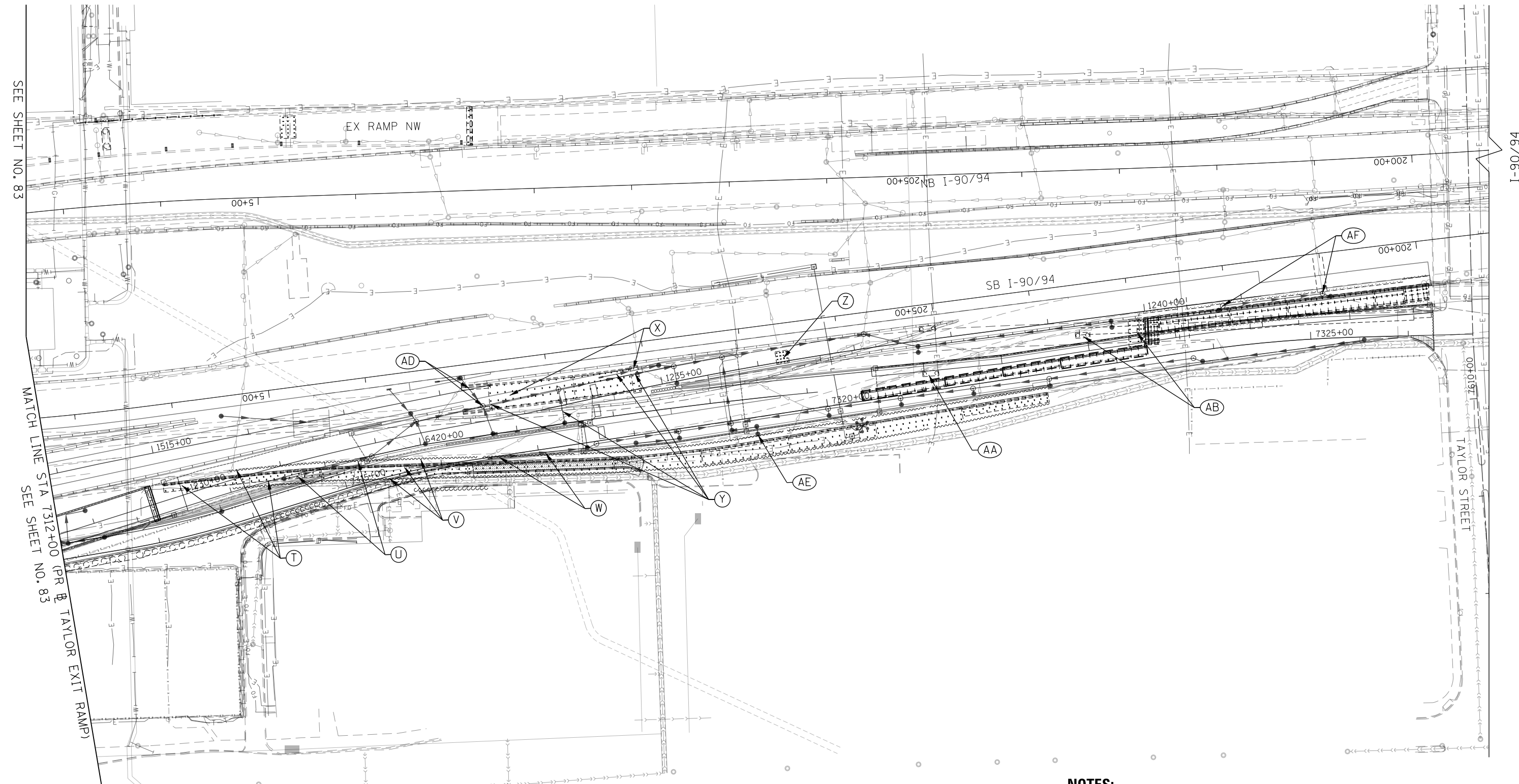
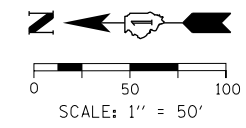
REMOVAL PLAN CONGRESS PARKWAY		
SCALE: 1"=20'	SHEET 11 OF 12 SHEETS	STA. 5150+50 TO STA. 5156+00

F.A.I. RTE. 90/94/290	SECTION 2014-013R&B-R	COUNTY COOK	TOTAL SHEETS 1972	SHEET NO. 81
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X93	









**NOTES:**

1. THE EXISTING/ABANDONED FOUNDATION INFORMATION SHOWN ON THE FOUNDATION OBSTRUCTION SHEETS HAS BEEN OBTAINED FROM EXISTING PLAN INFORMATION AND HAS NOT BEEN FIELD VERIFIED. ACTUAL FIELD CONDITIONS MAY VARY. ESTIMATED QUANTITIES HAVE BEEN INCLUDED, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE ACTUAL QUANTITIES BASED UPON THE UNIT PRICE BID FOR THE WORK.
2. SEE SHEET 85 FOR SCHEDULE OF ITEMS AND ESTIMATED QUANTITIES OF CONCRETE REMOVAL, SPECIAL; SHEET PILE REMOVAL, SPECIAL AND PILE REMOVAL.

FILE PATH = p:\61749-P\INT\p\comon\line\loc\faecdm\_0502\_M\Documents\01\_Americas\Transportation\60269938\_Circle\Phase\_11\000\_CAD\006\_Roadway\Sheets\60X93\_Contract\0160X93-SHT-Foundation-Obstruction-02.dgn



D160X93-SHT-Foundation Obstruction-02.dgn	DESIGNED - BMJ	REVISED -
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PLOT DATE = 7/30/2018	DATE - 7/30/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**FOUNDATION OBSTRUCTIONS**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	84
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				



**FOUNDATION OBSTRUCTION SCHEDULE**

POTENTIAL CONFLICT		CONCRETE REMOVAL, SPECIAL	SHEET PILE REMOVAL, SPECIAL	PILE REMOVAL	REMOVAL OF EXISTING STRUCTURES NO. 1	REMOVAL OF EXISTING STRUCTURES NO. 2	REMOVAL OF EXISTING STRUCTURES NO. 3	REMOVAL OF EXISTING STRUCTURES NO. 4	FOUNDATION CONSTRUCTION AT EXISTING OBSTRUCTIONS
EXISTING ITEM	PROPOSED ITEM	CY	SF	LF	L SUM	L SUM	L SUM	L SUM	EACH
A	EX RAMP WN PIER FOUNDATION	PR STORM SEWER	-	-	-	X	-	-	-
B	EX RAMP WS PIER FOUNDATION AND SHEET PILING	PR SN 016-1706	-	-	-	-	X	-	-
C	EX RAMP WS PIER FOUNDATION	PR SN 016-1833	-	-	-	-	X	-	-
D	ABANDONED RAMP NW ABUTMENT	PR SN 016-1833	X	-	-	-	-	-	-
E	EX RAMP WS PIER FOUNDATION	PR STORM SEWER AND ROADWAY	-	-	-	-	X	-	-
F	ABANDONED RAMP NW PIER FOUNDATION	PR ROADWAY	X	-	-	-	-	-	-
G	ABANDONED VAN BUREN PIER FOUNDATION	PR STORM SEWER AND ROADWAY	X	-	-	-	-	-	-
H	EX RAMP WS PIER FOUNDATION	PR ROADWAY	-	-	-	-	X	-	-
I	EX RAMP WS PIER FOUNDATION	PR STORM SEWER	-	-	-	-	X	-	-
J	EX RAMP SE ABUTMENT	PR SN 016-1715	-	-	-	-	-	-	X
K	EX RAMP WS PIER FOUNDATION	PR SN 016-1834	-	-	-	-	X	-	-
L	ABANDONED WB I-290 PIER FOUNDATION	PR LIGHTING	X	-	-	-	-	-	-
M	EX RAMP SE PIER FOUNDATION	PR SN 016-1715	X	-	-	-	-	-	X
N	ABANDONED RAMP NW ABUTMENT	PR LIGHTING AND ROADWAY	X	-	-	-	-	-	-
O	EX RAMP ES PILES	PR STORM SEWER AND ROADWAY	-	-	X	-	-	-	-
P	EX RAMP WS PIER FOUNDATION	PR SN 016-1718	-	-	-	-	X	-	X
Q	ABANDONED HALSTED ABUTMENT	PR STORM SEWER	X	-	-	-	-	-	-
R	EX RAMP SE PIER FOUNDATION	PR SN 016-1715	-	-	-	-	-	-	X
S	EX RAMP SE PIER FOUNDATION	PR SN 016-1715	-	-	-	-	-	-	X
T	EX RETAINING WALL AND SHEET PILING	PR SN 016-1803	X	X	X	-	-	-	-
U	EX RETAINING WALL AND SHEET PILING	PR STORM SEWER	X	X	-	-	-	-	-
V	EX RETAINING WALL AND SHEET PILING	PR ROADWAY	X	X	-	-	-	-	-
W	EX SHEET PILING	PR STORM SEWER	-	X	-	-	-	-	-
X	EX TAYLOR ST EXIT ABUTMENT	PR ROADWAY	-	-	-	-	-	X	-
Y	EX TAYLOR ST EXIT ABUTMENT	PR STORM SEWER	-	-	X	-	-	-	-
Z	EX TAYLOR ST EXIT PIER FOUNDATION	PR ROADWAY	-	-	-	-	-	X	-
AA	EX TAYLOR ST EXIT PIER FOUNDATION	PR SN 016-1805	-	-	-	-	-	X	-
AB	EX TAYLOR ST EXIT PIER FOUNDATION AND RETAINING WALL	PR SN 016-1805	-	-	-	-	-	-	X
AC	EX SHEET STEEL AT AT&T DUCT BANK	PR SN 016-1715	-	X	-	-	-	-	-
AD	EX TAYLOR ST EXIT ABUTMENT	PR STORM SEWER	X	-	-	-	-	-	-
AE	EX SHEET PILING	PR STORM SEWER	-	X	-	-	-	-	-
AF	EX RETAINING WALL PILES AND SHEET PILING	PR STORM SEWER	-	X	X	-	-	-	-
<b>TOTAL:</b>		100.0	700	250	1	1	1	1	11

NOTE: FOR ITEMS NOTED AS REMOVAL OF EXISTING STRUCTURE NO. X OR FOUNDATION CONSTRUCTION AT EXISTING OBSTRUCTIONS, SEE STRUCTURAL PLANS FOR MORE DETAILS.

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D160X93-SHT-Foundation Obstruction-03.dgn	
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PLOT DATE = 7/31/2018	DATE - 7/30/2018

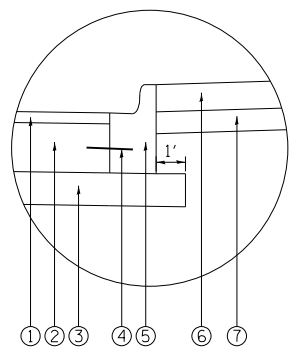
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DATE - 7/30/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**FOUNDATION OBSTRUCTIONS**

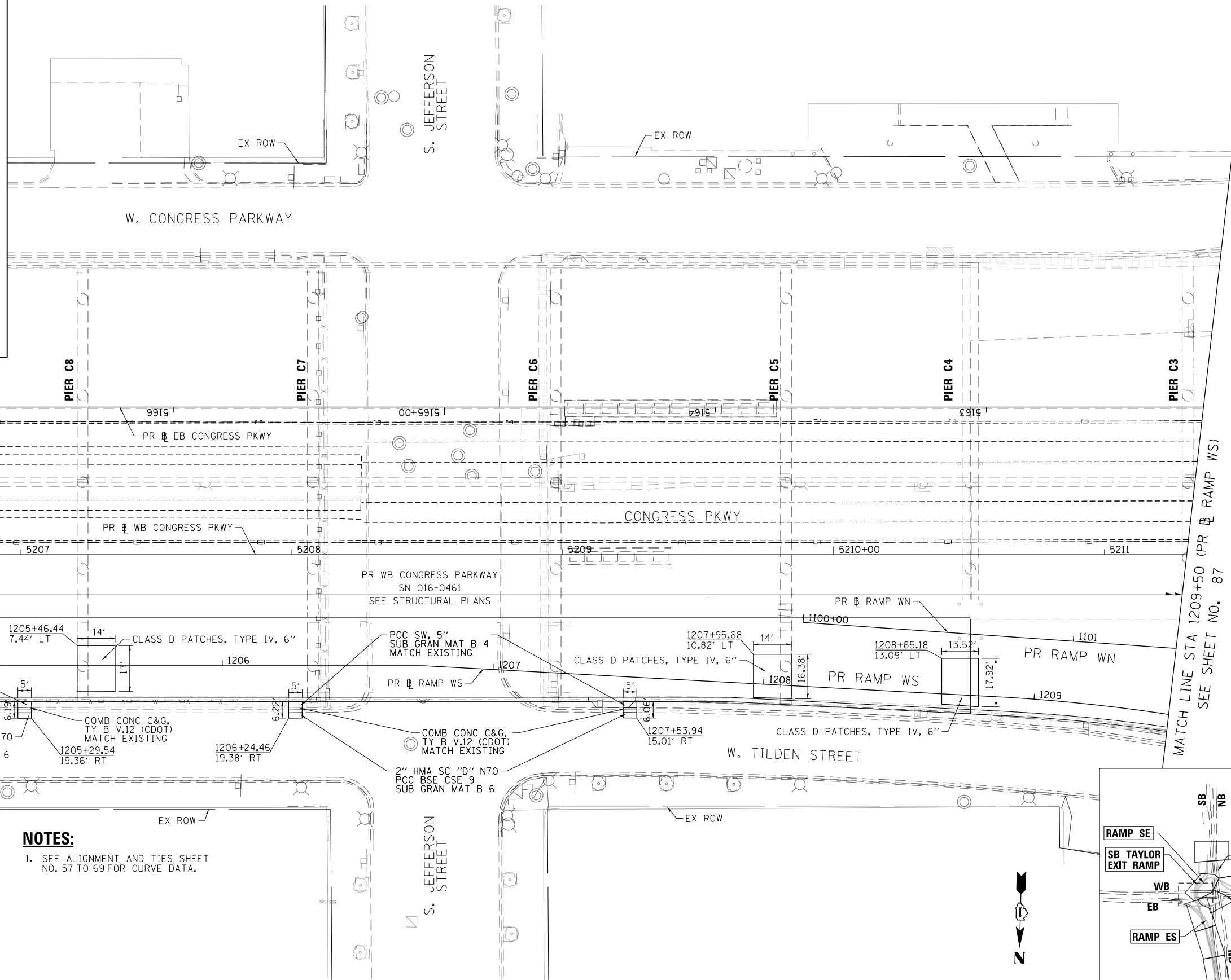
SCALE: SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	85
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X93	



**LOCAL STREET PATCHING DETAIL:**

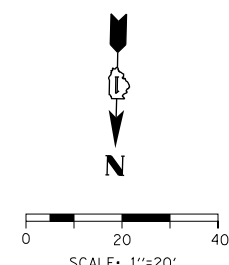
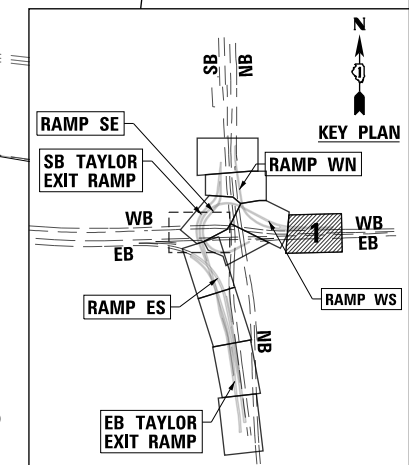
1. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (2")
2. PORTLAND CEMENT CONCRETE BASE COURSE 9"
3. SUBBASE GRANULAR MATERIAL, TYPE B 6"
4. EPOXY COATED ROUND TIE BARS, NO. 5, 18" LONG @ 30" C-C (INCIDENTAL TO COMBINATION CONCRETE C&G, TYPE B V.12)
5. COMBINATION CONCRETE CURB AND GUTTER, TYPE B V.12
6. PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
7. SUBBASE GRANULAR MATERIAL, TYPE B 4"



BEGIN PROJECT LIMIT  
STA 5206+58.47  
(PR WB CONGRESS PKWY)

**NOTES:**

1. SEE ALIGNMENT AND TIES SHEET NO. 57 TO 69 FOR CURVE DATA.



FILE PATH = p:\617479-P\MINT\secomon\line\local\road\CDM\_D502\_MW\Documents\01\_Americas\Transportation\60269938\_Circle\Phase\_1\2008\_CAD\006\_Roadway\Sheets\60X93\_Contract\0160X93-SHT-PLAN.dgn



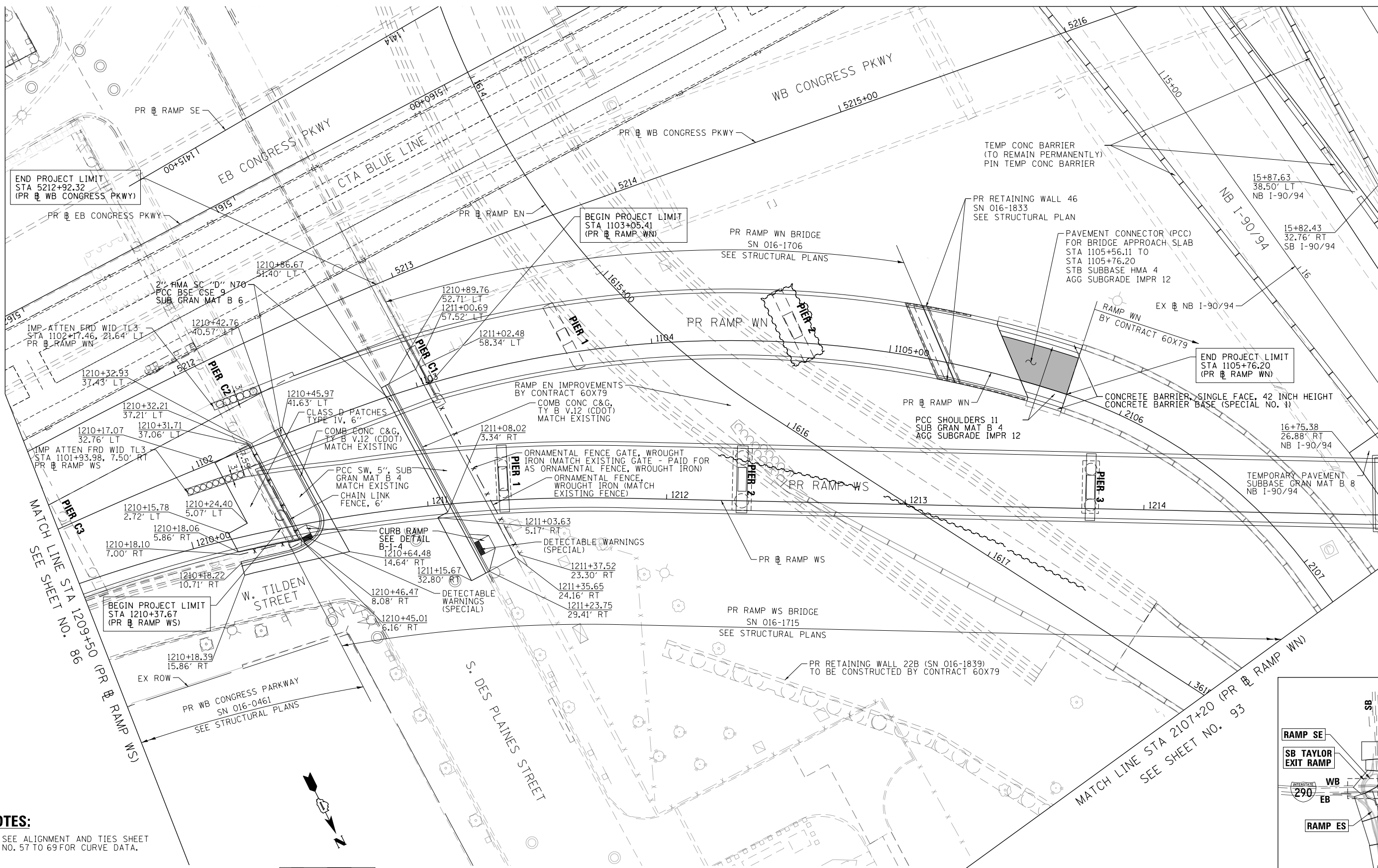
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PLOT SCALE = 40.0000' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 7/30/2018	DATE - 7/30/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN**

SCALE: 1"=20' SHEET 1 OF 12 SHEETS STA. 5206+58.47 TO STA. 1209+50

F.A.I. RTE. 90/94/290	SECTION 2014-013R&B-R	COUNTY COOK	TOTAL SHEETS 1972	SHEET NO. 86
CONTRACT NO. 60X93				ILLINOIS FED. AID PROJECT



END PROJECT LIMIT  
STA 5212+92.32  
(PR EB CONGRESS PKWY)

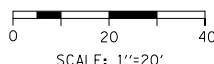
BEGIN PROJECT LIMIT  
STA 1103+05.41  
(PR RAMP WN)

END PROJECT LIMIT  
STA 1105+76.20  
(PR RAMP WN)

BEGIN PROJECT LIMIT  
STA 1210+37.67  
(PR RAMP WS)

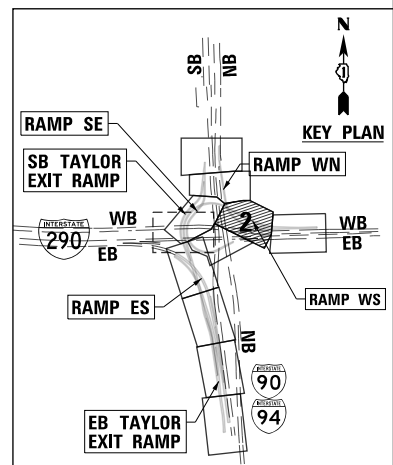
**NOTES:**

- 1. SEE ALIGNMENT AND TIES SHEET NO. 57 TO 69 FOR CURVE DATA.



MATCH LINE STA 1215+00 (PR RAMP WS)

SEE SHEET NO. 88



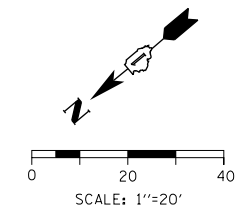
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PLOT DATE = 7/30/2018	DATE - 7/30/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN**

SCALE: 1"=20' SHEET 2 OF 12 SHEETS STA. 1209+50 TO STA. 1215+00

F.A.I. RTE. 90/94/290	SECTION 2014-013R&B-R	COUNTY COOK	TOTAL SHEETS 1972	SHEET NO. 87
CONTRACT NO. 60X93			ILLINOIS FED. AID PROJECT	



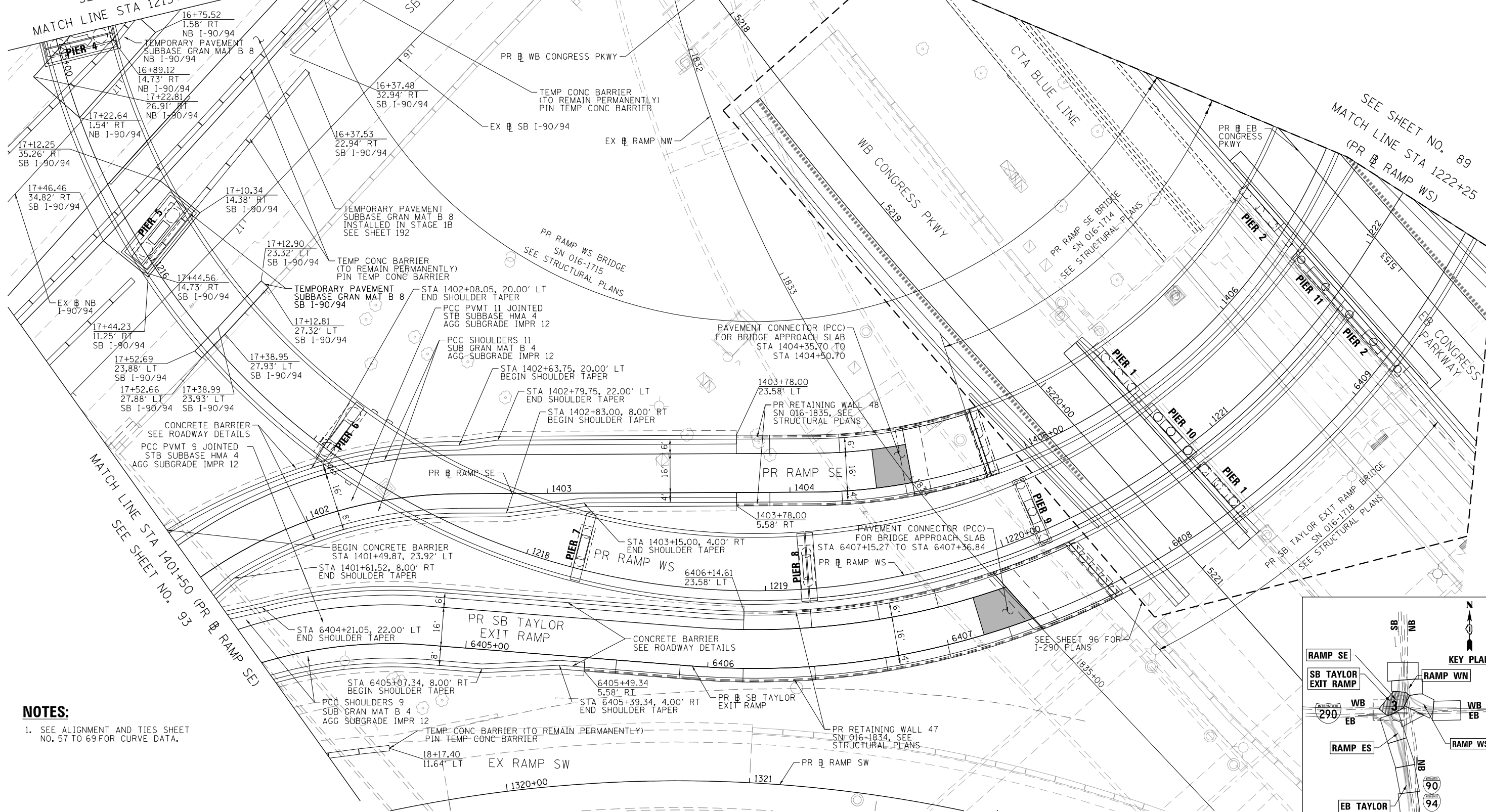
SEE SHEET NO. 95

SEE SHEET NO. 95

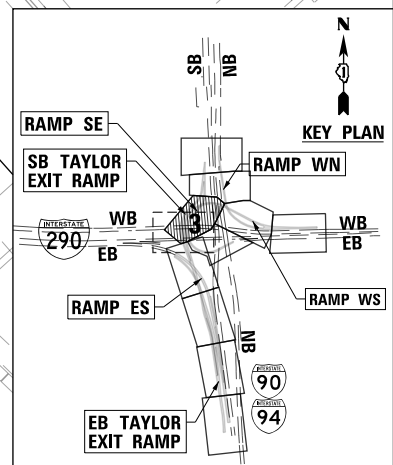
SEE SHEET NO. 87  
MATCH LINE STA 1215+00 (PR WB RAMP WS)

SEE SHEET NO. 89  
MATCH LINE STA 1222+25  
(PR EB RAMP WS)

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**NOTES:**  
1. SEE ALIGNMENT AND TIES SHEET NO. 57 TO 69 FOR CURVE DATA.



D:\60X93-SHT-PLAN-03.dgn	DESIGNED - MSB	REVISED -
USER NAME = msbilliot	DRAWN - MSB	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 7/30/2018	DATE - 7/30/2018	REVISED -

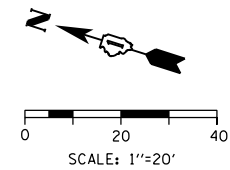
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN**

SCALE: 1"=20'    SHEET 3 OF 12 SHEETS    STA. 1215+00 TO STA. 1222+25

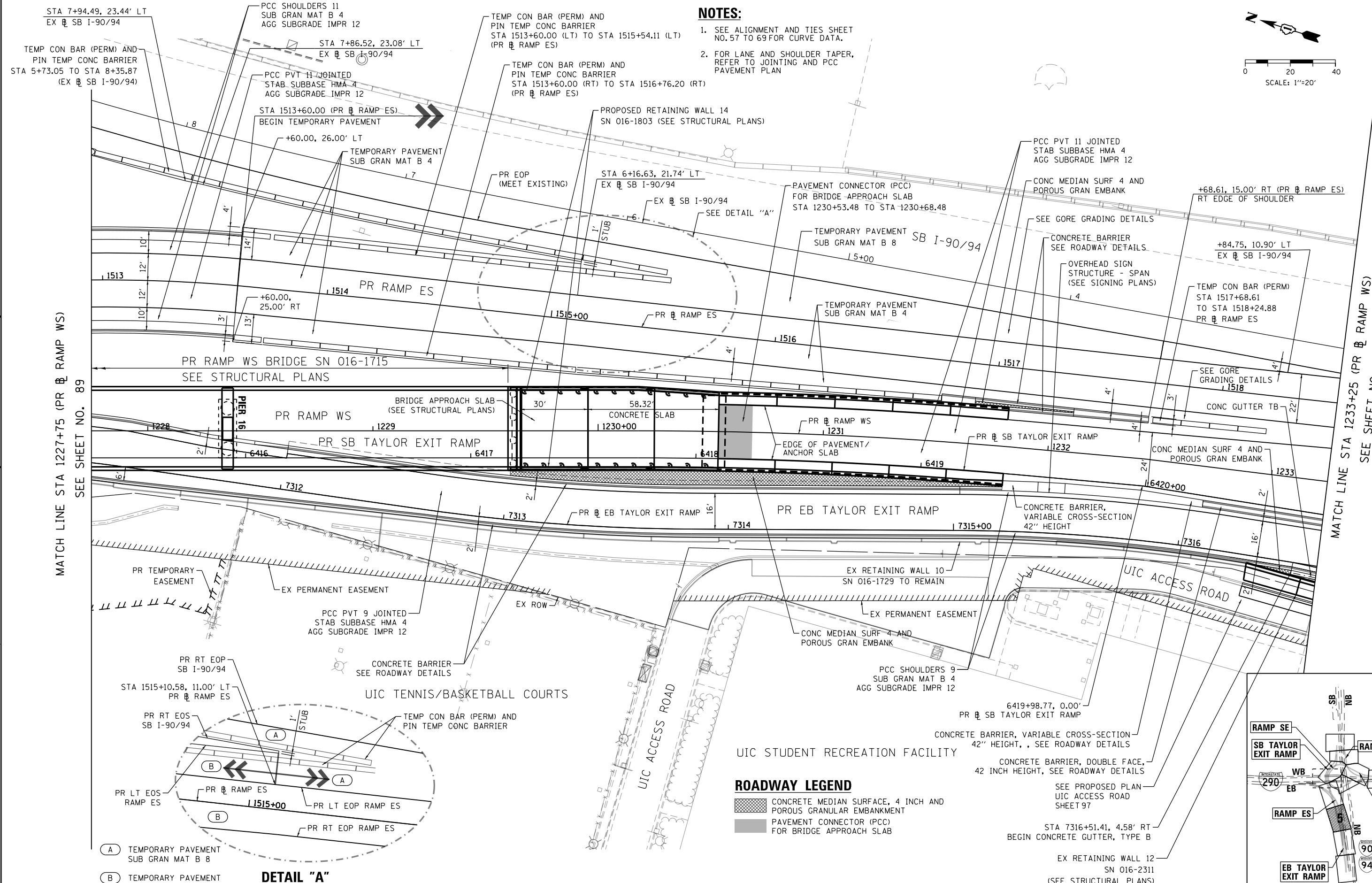
F.A.I. RTE. 90/94/290	SECTION 2014-013R&B-R	COUNTY COOK	TOTAL SHEETS 1972	SHEET NO. 88
CONTRACT NO. 60X93				ILLINOIS FED. AID PROJECT





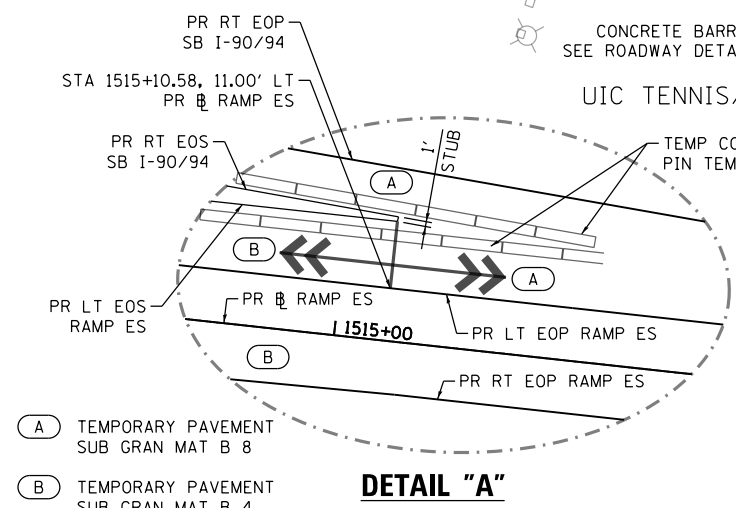
**NOTES:**

1. SEE ALIGNMENT AND TIES SHEET NO. 57 TO 69 FOR CURVE DATA.
2. FOR LANE AND SHOULDER TAPER, REFER TO JOINTING AND PCC PAVEMENT PLAN



MATCH LINE STA 1227+75 (PR RAMP WS) SEE SHEET NO. 89

MATCH LINE STA 1233+25 (PR RAMP WS) SEE SHEET NO. 91



**DETAIL "A"**

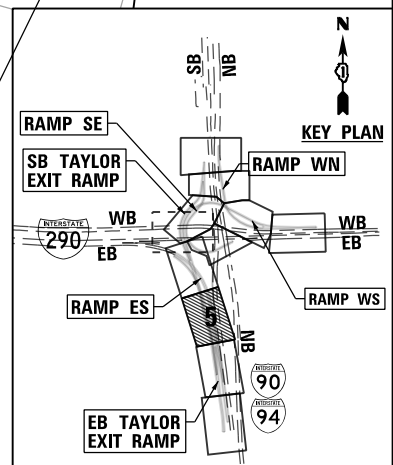
**ROADWAY LEGEND**

- CONCRETE MEDIAN SURFACE, 4 INCH AND POROUS GRANULAR EMBANKMENT
- PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB

SEE PROPOSED PLAN UIC ACCESS ROAD SHEET 97

STA 7316+51.41, 4.58' RT BEGIN CONCRETE GUTTER, TYPE B

EX RETAINING WALL 12 SN 016-2311 (SEE STRUCTURAL PLANS)



FILE PATH = p:\617479-PM\INT\pccom\line\local\I90\CDM\_D502\_MIA\Documents\01\_Americas\T\engor\station\602619338\_Circle\Phase\_11\000\_CAD\006\_Roadway\Sheets\60X93\_Contract\0160X93-SHT-PLAN-05.dgn



D160X93-SHT-PLAN-05.dgn	DESIGNED - OPS	REVISED -
USER NAME = PIMSARN0	DRAWN - OPS	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - MJE	REVISED -
PLOT DATE = 7/27/2018	DATE - 7/30/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

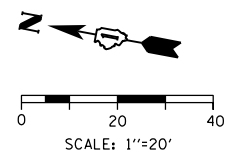
**ROADWAY PLAN**

SCALE: 1"=20' SHEET 5 OF 12 SHEETS STA. 1227+75 TO STA. 1233+25

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	90
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

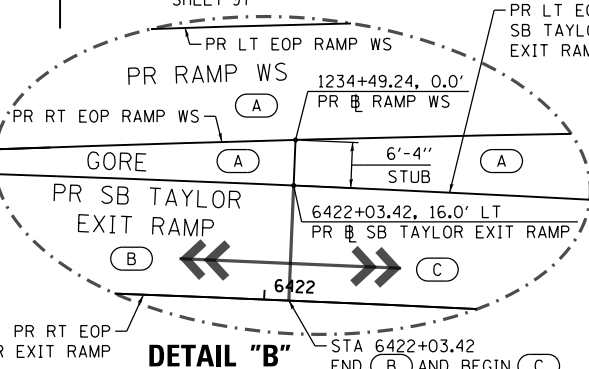
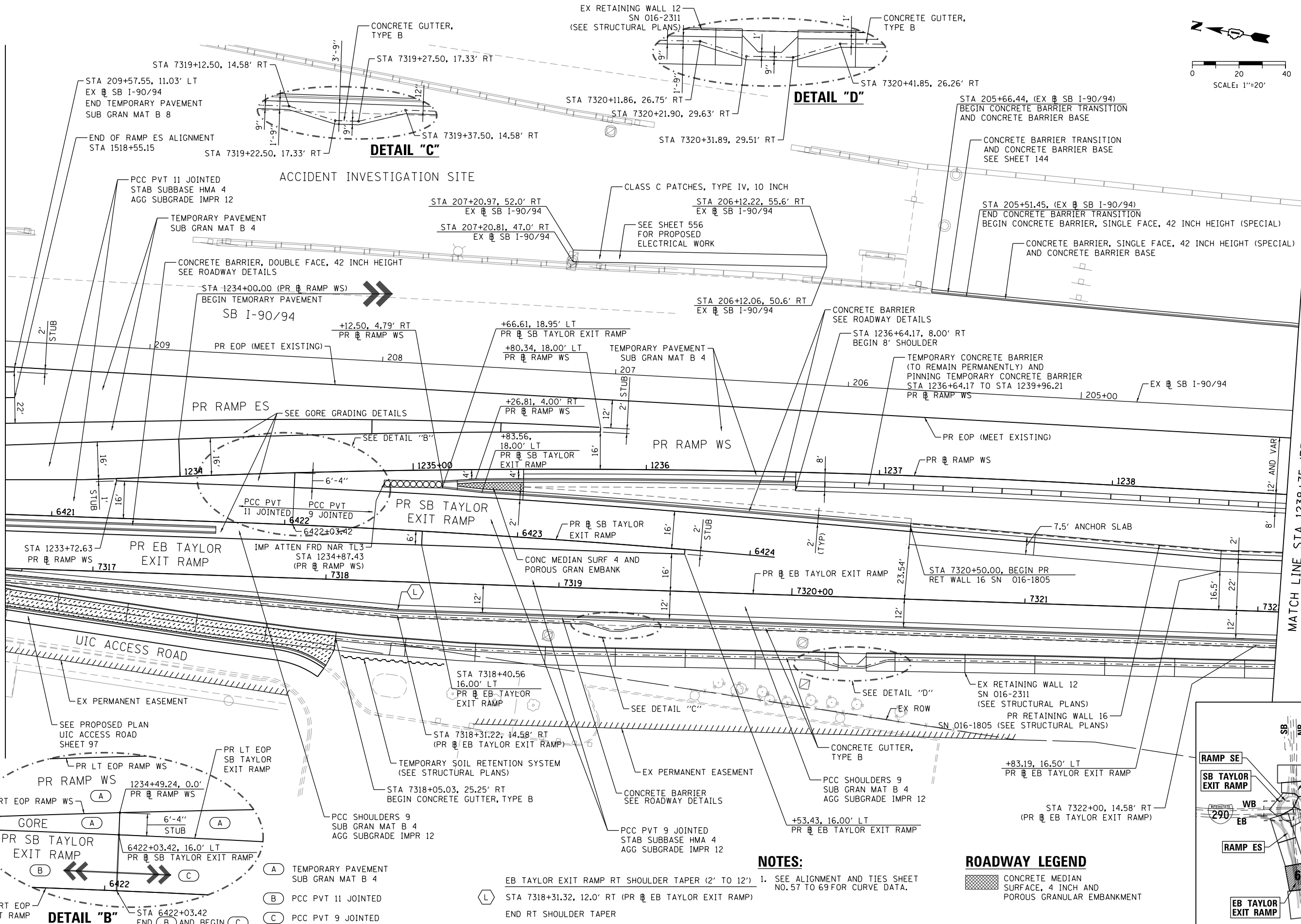


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MATCH LINE STA 1233+25 (PR EB RAMP WS)  
SEE SHEET NO. 90

MATCH LINE STA 1238+75 (PR EB RAMP WS)  
SEE SHEET NO. 92



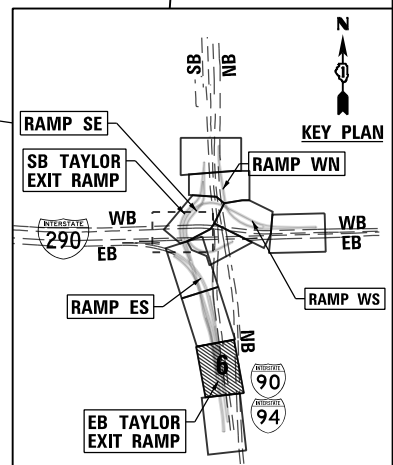
- (A) TEMPORARY PAVEMENT SUB GRAN MAT B 4
- (B) PCC PVT 11 JOINTED
- (C) PCC PVT 9 JOINTED

**NOTES:**

- 1. SEE ALIGNMENT AND TIES SHEET NO. 57 TO 69 FOR CURVE DATA.
- (L) STA 7318+31.32, 12.0' RT (PR EB TAYLOR EXIT RAMP) END RT SHOULDER TAPER

**ROADWAY LEGEND**

- CONCRETE MEDIAN SURFACE, 4 INCH AND POROUS GRANULAR EMBANKMENT



D160X93-SHT-PLAN-06.dgn	DESIGNED - OPS	REVISED -
USER NAME = ChiuA	DRAWN - OPS	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - MJE	REVISED -
PLOT DATE = 7/28/2018	DATE - 7/30/2018	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN

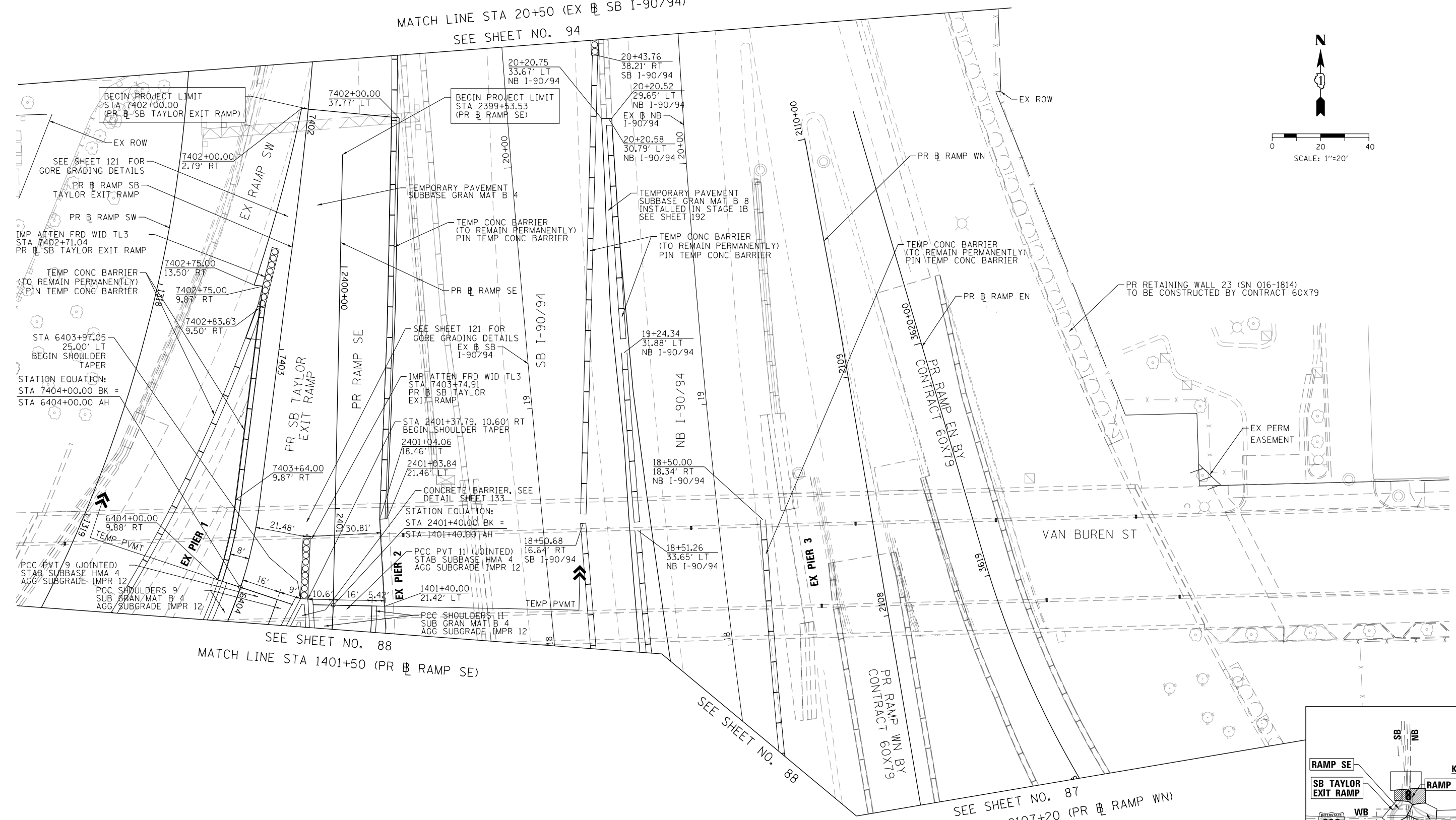
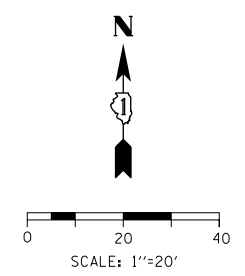
SCALE: 1"=20' SHEET 6 OF 12 SHEETS STA. 1233+25 TO STA. 1238+75

F.A.I. RTE. 90/94/290	SECTION 2014-013R&B-R	COUNTY COOK	TOTAL SHEETS 1972	SHEET NO. 91
CONTRACT NO. 60X93			ILLINOIS FED. AID PROJECT	





MATCH LINE STA 20+50 (EX & SB I-90/94)  
SEE SHEET NO. 94

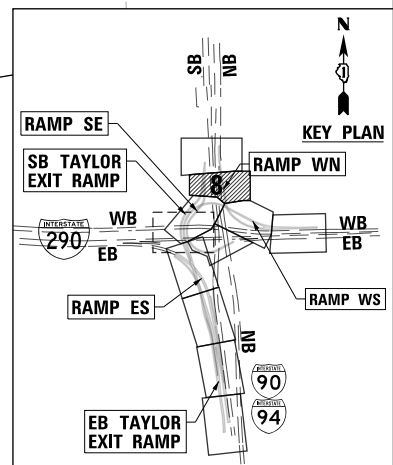


SEE SHEET NO. 88  
MATCH LINE STA 1401+50 (PR & RAMP SE)

SEE SHEET NO. 87  
MATCH LINE STA 2107+20 (PR & RAMP WN)

**NOTES:**

1. SEE ALIGNMENT AND TIES SHEET NO. 57 TO 69 FOR CURVE DATA.



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PLOT DATE = 7/30/2018	DATE - 7/30/2018	REVISED -

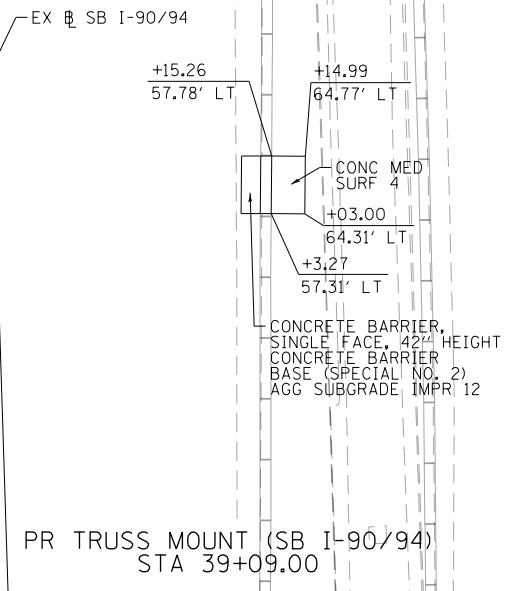
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN**

SCALE: 1"=20' SHEET 8 OF 12 SHEETS STA. 1401+50 TO STA. 20+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	93
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

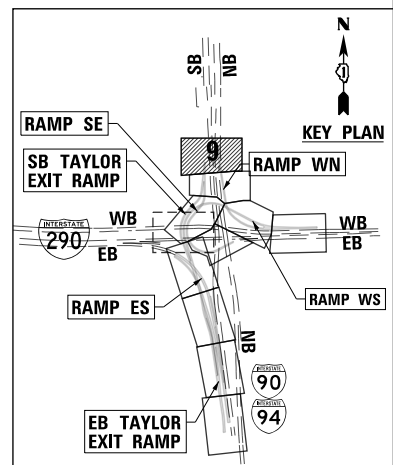
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**NOTES:**  
 1. SEE ALIGNMENT AND TIES SHEET NO. 57 TO 69 FOR CURVE DATA.



SCALE: 1"=20'



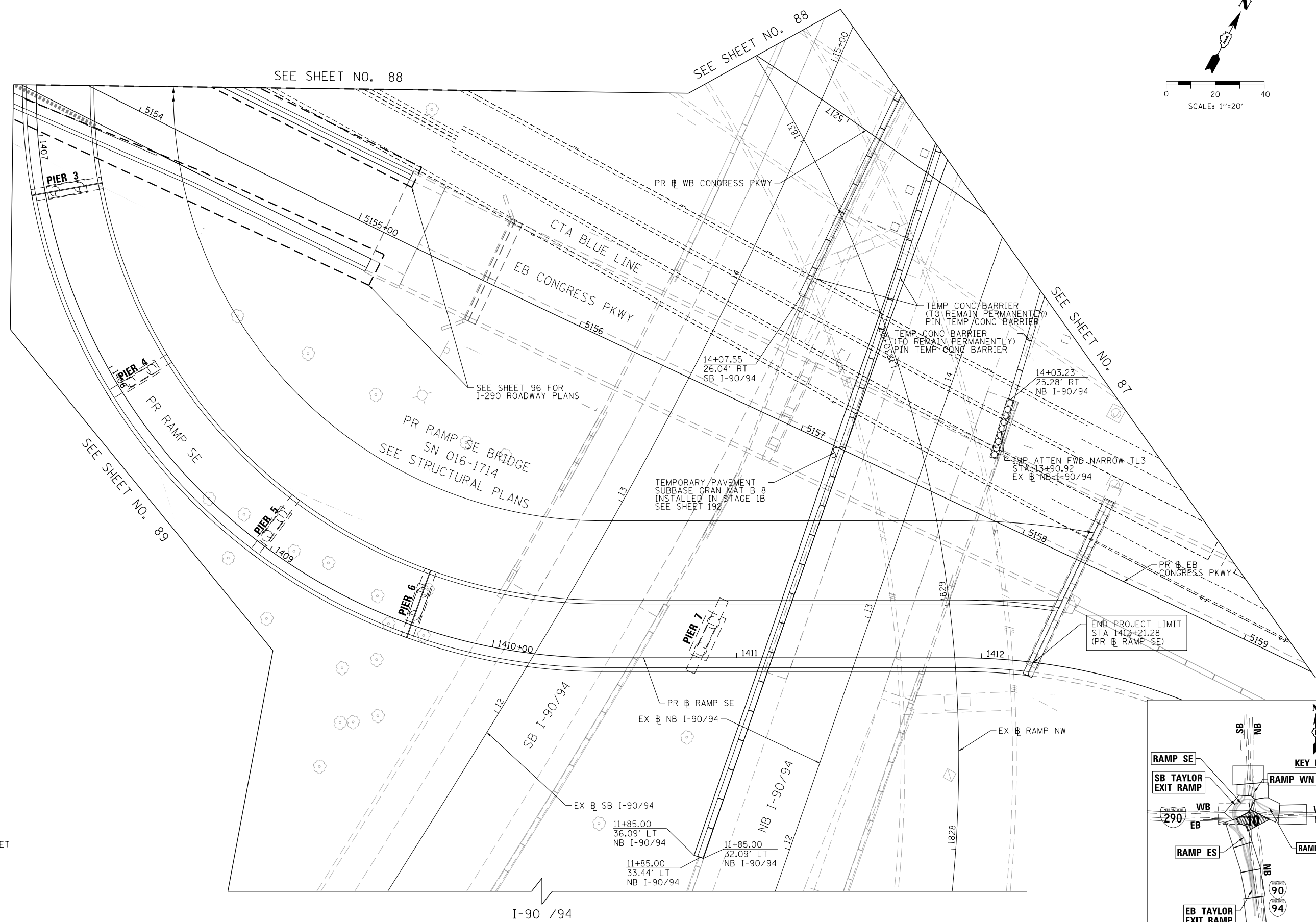
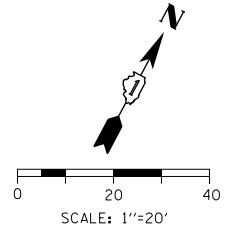
D160X93-SHT-PLAN-09.dgn	DESIGNED - MSB	REVISED -
USER NAME = msbilliot	DRAWN - MSB	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 7/30/2018	DATE - 7/30/2018	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN

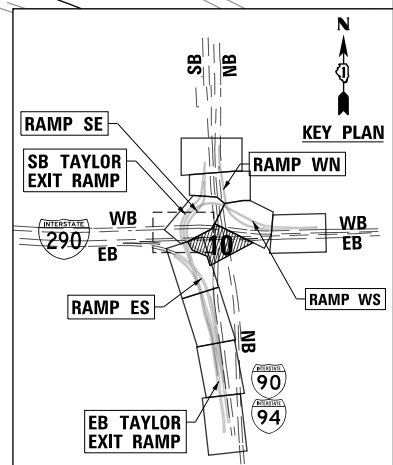
SCALE: 1"=20' SHEET 9 OF 12 SHEETS STA. 20+50 TO STA. 24+16

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	94
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				



**NOTES:**

1. SEE ALIGNMENT AND TIES SHEET NO. 57 TO 69 FOR CURVE DATA.



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PLOT SCALE = 40.0000' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 7/30/2018	DATE - 7/30/2018	REVISED -

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DATE - 7/30/2018	REVISED -

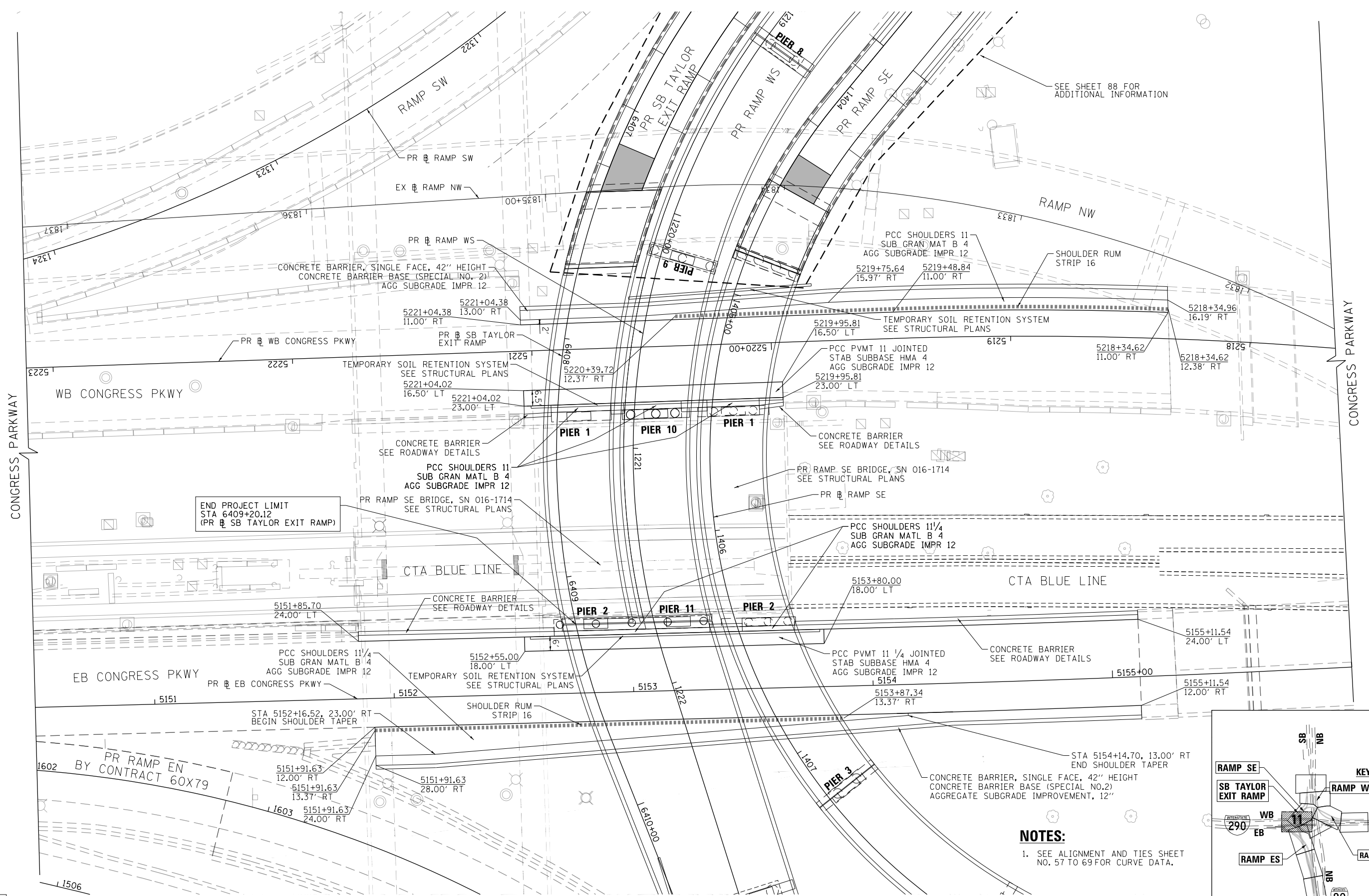
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN**

SCALE: 1"=20' SHEET 10 OF 12 SHEETS STA. 1406+79.15 TO STA. 1412+21.28

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	95
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

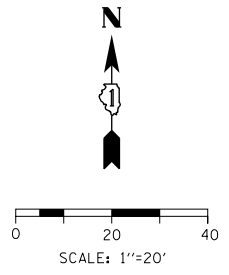
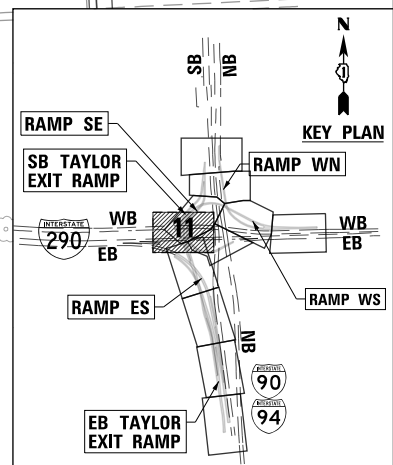
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SEE SHEET 88 FOR ADDITIONAL INFORMATION

END PROJECT LIMIT  
STA 6409+20.12  
(PR SB TAYLOR EXIT RAMP)

**NOTES:**  
1. SEE ALIGNMENT AND TIES SHEET NO. 57 TO 69 FOR CURVE DATA.



D160X93-SHT-PLAN-11.dgn	DESIGNED - MSB	REVISED -
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PLOT DATE = 7/30/2018	DATE - 7/30/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN  
CONGRESS PARKWAY**

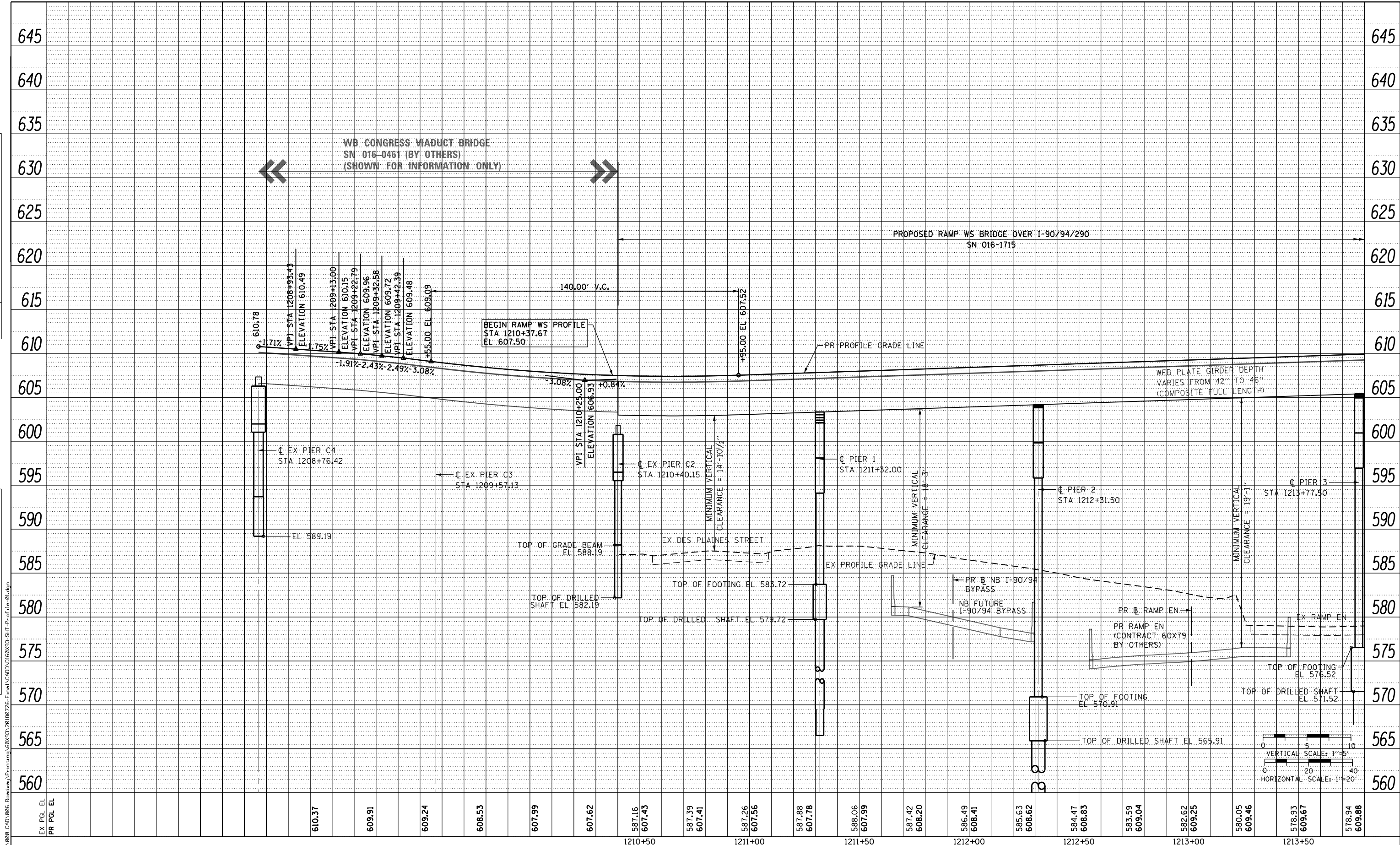
SCALE: 1"=20' SHEET 11 OF 12 SHEETS STA. 5150+50 TO STA. 5156+00

F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	96
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	ALIGNMENT CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NO.		
	CARD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	ALIGNMENT CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NO.		
	CARD FILE NAME		



D160X93-SHT-Profile-01.dgn  
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 PLOT SCALE = 40.0000' / in.  
 PLOT DATE = 7/26/2018

DESIGNED - OPS	REVISED -
DRAWN - OPS	REVISED -
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DATE - 7/30/2018	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ROADWAY PROFILE  
 RAMP WS

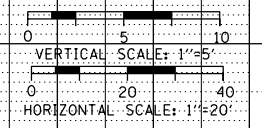
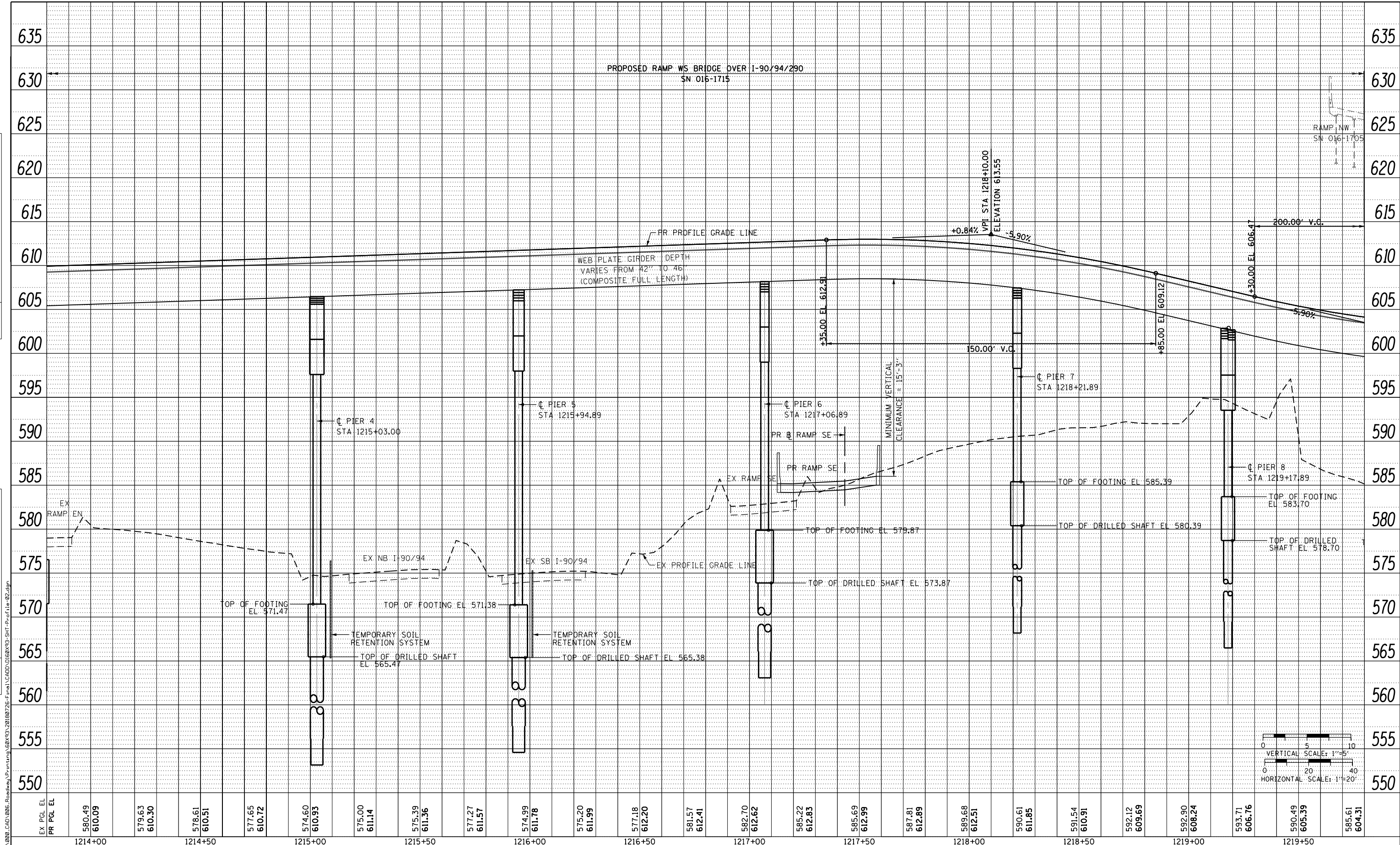
SCALE: 1"=20' SHEET 1 OF 16 SHEETS STA. 1210+40.15 TO STA. 1213+80

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-002R&B	COOK	1972	98
CONTRACT NO. 60X93				ILLINOIS FED. AID PROJECT

550

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CARD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CARD FILE NAME	



EX PCL EL	580.49	579.63	578.61	577.65	574.60	575.00	575.39	577.27	574.99	575.20	577.18	581.57	582.70	585.22	585.69	587.81	589.68	590.61	591.54	592.12	592.90	593.71	590.49	585.61	
PR PCL EL	610.09	610.30	610.51	610.72	610.93	611.14	611.36	611.57	611.78	611.99	612.20	612.41	612.62	612.83	612.99	612.89	612.51	611.85	610.91	609.69	608.24	606.76	605.39	604.31	
	1214+00		1214+50		1215+00		1215+50		1216+00		1216+50		1217+00		1217+50		1218+00		1218+50		1219+00		1219+50		



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PLOT DATE = 7/26/2018	DATE - 7/30/2018	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROADWAY PROFILE  
RAMP WS

SCALE: 1"=20' SHEET 2 OF 16 SHEETS STA. 1213+80 TO STA. 1219+80

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-002R&B	COOK	1972	99
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				



