

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

STATE OF ILLINOIS

* 888 + 12 = 900 TOTAL SHEETS

FAI RTE. 90/94/290	SECTION 2014-005R&B	COUNTY COOK	TOTAL SHEETS 888	SHEET NO. 1
ILLINOIS CONTRACT NO. 60X79				

DEPARTMENT OF TRANSPORTATION

PROJECT LOCATED IN CITY OF CHICAGO

D-91-227-13

PROPOSED HIGHWAY PLANS

I-290 EB RAMP TO I-90/94 (NB)
FAI ROUTE 90/94/290 AT I-290/CONGRESS PARKWAY
(JANE BYRNE INTERCHANGE)

E TO N I-90/94
SECTION 2014-005R&B
PROJECT: NHPP-ZEC3(030)
BRIDGE REPLACEMENT,
RECONSTRUCTION,
LIGHTING AND ITS
COOK COUNTY
C-91-190-14

NPDES PERMIT INFORMATION	
NPDES Disturbed	
Area = 7.65	Acres
Approximate Location of Roadway is :	
Longitude	87° 38' 57.57" W
Latitude	41° 52' 31.25" N



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

AECOM
303 EAST WACAR DRIVE, SUITE 1400
CHICAGO, IL 60601-5278
PHONE: (312) 373-1100
FAX: (312) 373-6600

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED July 6 2018
Anthony J. [Signature]
REGIONAL ENGINEER

Oct 5 2018
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

Oct 5 2018
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

DESIGN DESIGNATIONS:

EB I-290	109,000(2040) INTERSTATE	45 /50 MPH
EB CONGRESS PARKWAY	37,000(2040) INTERSTATE	45 /50 MPH
ES RAMP	43,000(2040) INTERSTATE	40 /40 MPH
EN RAMP	31,000(2040) INTERSTATE	30 /30 MPH
EB TAYLOR EXIT	2,000(2040) INTERSTATE	35 /35 MPH
SB I-90/94	98,000(2040) INTERSTATE	45 /60 MPH
NB I-90/94	81,000(2040) INTERSTATE	45 /60 MPH
WS RAMP	8,000(2040) INTERSTATE	25 /25 MPH
WN RAMP	9,000(2040) INTERSTATE	20 /20 MPH
NE RAMP	4,000(2040) INTERSTATE	30 /30 MPH
NB C-D ROAD	17,000(2040) INTERSTATE	30 /30 MPH

POSTED /DESIGN SPEEDS:

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

Jennifer M. Golemba 6/26/18
JENNIFER M. GOLEMB
LICENSE EXPIRES 11 /30 /2019 DATE
SHEET RANGE 1-342, 558-602, 612-740

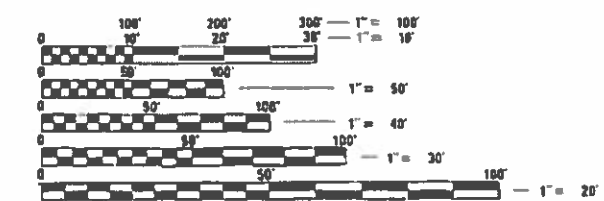
Matthew B. Santofloro 6/26/18
MATTHEW B. SANTOFLORO
LICENSE EXPIRES 11 /30 /2019 DATE
SHEET RANGE 513-557

Matthew J. Letourneau 6/26/18
MATTHEW J. LETOURNEAU
LICENSE EXPIRES 11 /30 /2019 DATE
SHEET RANGE 388-405, 603-611.

William D. Stermer 6/26/2018
WILLIAM D. STERMER
LICENSE EXPIRES 11 /30 /2019 DATE
SHEET RANGE 351-387

Jamal I. Grainaw 6/26/2018
JAMAL I. GRAINAW
LICENSE EXPIRES 11 /30 /2018 DATE
SHEET RANGE 406-415

Moussa A. Issa 6/26/2018
MOUSSA A. ISSA
LICENSE EXPIRES 11 /30 /2018 DATE
SHEET RANGE 343-350, 416-512, 741-888



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

C.U.A.N.
CHICAGO UTILITY ALERT NETWORK
1-312-744-7080

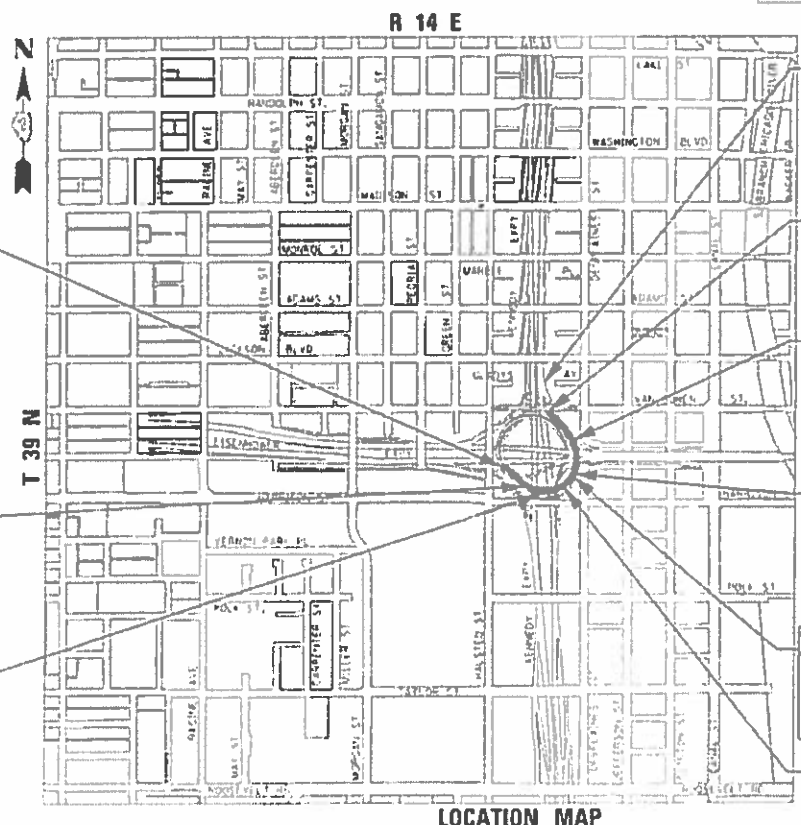
PROJECT MANAGER: BRIAN KUTTAB, PE

CONTRACT NO. 60X79

BEGIN PROJECT LIMIT
RAMP EN
STA 1602 + 81.84

RETAINING WALL 18
SN 016-1807
STA 1605 + 00.00 TO
STA 1607 + 99.89

RAMP EN BRIDGE
SN 016-1712
STA 1607 + 92.81 TO
STA 1611 + 06.65



RETAINING WALL 23
SN 016-1814
STA 6333 + 87.07 TO
STA 6337 + 44.55

END PROJECT LIMIT
RAMP EN
STA 1617 + 70.00

RETAINING WALL 22B
SN 016-1839
STA 6330 + 70.68 TO
STA 6332 + 81.14

RETAINING WALL 22A
SN 016-1813
STA 6324 + 44.49 TO
STA 6326 + 66.22

RAMP NE BRIDGE PIER
SN 016-1710
STA 1609 + 49.73

RETAINING WALL 20
SN 016-1811
STA 1610 + 99.10 TO
STA 1613 + 50.00

LOCATION MAP
NOT TO SCALE
GROSS LENGTH = 1,488.16 FT. = 0.282 MILES
NET LENGTH = 1,488.16 FT. = 0.282 MILES

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

INDEX OF SHEETS

1	COVER SHEET
2	INDEX OF DRAWINGS
3	HIGHWAY STANDARDS, IDOT DISTRICT 1 STANDARDS AND IDOT TRAFFIC SYSTEM CENTER STANDARDS
4	GENERAL NOTES AND COMMITMENTS
5	CITY OF CHICAGO GENERAL NOTES AND STANDARD DETAILS
6-30A	SUMMARY OF QUANTITIES
31-39	TYPICAL SECTIONS
40-42	ROADWAY SCHEDULES
43-52	ALIGNMENT, TIES, AND BENCHMARKS
53	ROADWAY KEY PLAN
54-63	REMOVAL PLAN
64-66	FOUNDATION OBSTRUCTIONS
67-76	ROADWAY PLAN
77-82	ROADWAY PROFILE
83-87	JOINTING AND SUPERELEVATION PLANS
88	GORE GRADING DETAILS
89-95	CONCRETE BARRIER TRANSITION DETAILS
96-97	CONCRETE BARRIER DETAILS
98-99	ROADWAY GRADING PLAN DETAILS
100	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN - GENERAL NOTES
101-102	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN - NARRATIVE
103	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN - SCHEDULES
104-115	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN - TYPICAL SECTIONS
116-120	DETOUR PLANS
121-125	TEMPORARY TRAFFIC SIGNALS
126-134	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN - DETAILS
135-153	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN - STAGE 1A
154-172	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN - STAGE 1B
173-191	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN - STAGE 1C
192-210	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN - STAGE 2
211-229	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN - STAGE 3
230	EROSION AND SEDIMENTATION CONTROL - GENERAL NOTES
231	EROSION AND SEDIMENTATION CONTROL - SCHEDULE
232-243	EROSION AND SEDIMENTATION CONTROL - PLAN
244	EROSION AND SEDIMENTATION CONTROL - DETAILS
245-251	DRAINAGE AND UTILITY SCHEDULES
252-261	EXISTING DRAINAGE AND UTILITIES PLAN
262-271	PROPOSED DRAINAGE AND UTILITIES PLAN
272-282	DRAINAGE AND UTILITIES PROFILE
283-290	SUBSURFACE DRAINAGE PLAN
291-296	DRAINAGE DETAILS
296A-296K	BORING LOGS
297-299	GRADING PLAN
300	GRADING DETAILS
301-322	UTILITY LOCATION PLANS
323	PAVEMENT MARKING SCHEDULES
324-333	PAVEMENT MARKING PLANS
334	SIGNING SCHEDULES
335-337	SIGNING PLAN
338-340	SIGNING DETAILS
341	SIGN PANEL DETAILS
342	OVERHEAD SIGN PANEL PLACEMENT
343-350	OVERHEAD SIGN STRUCTURE DETAILS
351	IDOT ELECTRICAL SYMBOLS
352-358	EXISTING/TEMPORARY LIGHTING PLAN
359-365	PROPOSED LIGHTING PLAN
366	UNDERPASS LIGHTING
367-370	WIRING DIAGRAM
371-374	LIGHTING DETAILS
375	CTA TURNAROUND CONDUIT FOUNDATION PLAN
376	CTA TURNAROUND CABLE PLAN

INDEX OF SHEETS (CONTINUED)

377	CTA TURNAROUND EXISTING PLAN
378-387	CDOT DETAILS
388-395	EXISTING/TEMPORARY ITS PLAN
396-403	PROPOSED ITS PLAN
404	ITS WIRING DIAGRAM
405	ITS DETAILS
406-415	PROPOSED BRIDGE PLANS (SN 016-1710)
416-478	PROPOSED BRIDGE PLANS (SN 016-1712)
479-494	PROPOSED WALL #18 PLANS (SN 016-1807)
495-512	PROPOSED WALL #20 PLANS (SN 016-1811)
513-523	PROPOSED WALL #22A PLANS (SN 016-1813)
524-539	PROPOSED WALL #23 PLANS (SN 016-1814)
540-557	PROPOSED WALL #22B PLANS (SN 016-1839)
558-602	DISTRICT 1 STANDARD DETAILS
603-611	IDOT TRAFFIC SYSTEMS CENTER STANDARD DRAWINGS
612-616	CDOT STANDARD DETAILS
617-623	CHICAGO DEPT OF WATER MANAGEMENT DETAILS
624-652	CROSS SECTIONS - RAMP EN STAGE 1
653-681	CROSS SECTIONS - RAMP EN STAGE 2
682-710	CROSS SECTIONS - RAMP EN STAGE 3
711-716	CROSS SECTIONS - RAMP ENI-3 STAGE 1
717-722	CROSS SECTIONS - RAMP ENI-3 STAGE 2
723-728	CROSS SECTIONS - RAMP ENI-3 STAGE 3
729-731	CROSS SECTIONS - RETAINING WALL 23 STAGE 1
732-734	CROSS SECTIONS - RETAINING WALL 23 STAGE 2
735-740	CROSS SECTIONS - RAMP WNI STAGE 1
741-888	EXISTING RECORD DRAWINGS

FILE PATH = p:\6179-P\INT\secomon\line\local\IPECDM_DS02_MH\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\000_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-sht-GenNote-01.dgn



D:\60X79-sht-GenNote-01.dgn	DESIGNED - VLJ	REVISED -
USER NAME = Mr-cliss	DRAWN - BMJ	REVISED -
PLOT SCALE = 100.0000' / 1in.	CHECKED - JMG	REVISED -
PLOT DATE = 9/10/2018	DATE - 9-10-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INDEX OF DRAWINGS			
SCALE: NONE	SHEET 1	OF 4 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	2
CONTRACT NO. 60X79			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
483001 - 05	PCC SHOULDER
601001 - 05	PIPE UNDERDRAINS
602001 - 02	CATCH BASIN, TYPE A
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
602416 - 06	PRECAST MANHOLE TYPE A 8' (2.44m) DIAMETER
602421 - 06	PRECAST MANHOLE TYPE A 9' (2.74m) 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	GRATE TYPE 8
604046 - 03	FRAME AND GRATE TYPE 10
604071 - 05	FRAME AND GRATE TYPE 20
606001 - 07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606101 - 05	TYPE A GUTTER (INLET, OUTLET & ENTRANCE)
642001 - 02	SHOULDER RUMBLE STRIPS, 16 in
643001 - 02	SAND MODULE IMPACT ATTENUATORS
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
701011 - 04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
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 ENTRANCE OR EXIT RAMP, FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH
701428 - 01	TRAFFIC CONTROL, SETUP AND REMOVAL, FREEWAY/EXPRESSWAY
701446 - 09	TWO LANE 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-07	DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER
BD-08	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING
BD-09	CITY OF CHICAGO DRAINAGE DETAILS
BD-17	CITY OF CHICAGO DETAILS FOR P.C. DRIVEWAY, ALLEY RETURN AND SIDEWALK
BD-22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
BD-33	HMA TAPER AT EDGE OF P.C.C. PAVEMENT
BD-34	DETAILS FOR DEPRESSED CURB & GUTTER AND SHOULDER TREATMENT AT TBT TY. 1 SPL.
BD-37	MANHOLE TYPE A 7 FOOT DIAMETER
BD-47	CITY OF CHICAGO CATCH BASIN, INLET AND MANHOLE DETAILS
BD-48	PCC PAVEMENT ROUNDOUTS AT CURB AND GUTTER
BD-49	DETAIL FOR CENTERLINE SAW CUT 16' (4.9m) AND VARIABLE JOINTED PCC PAVEMENT FOR RAMPS
BD-51	BENCHING DETAIL FOR EMBANKMENT WIDENING
BE-205	LIGHTING CONTROLLER, BASE MOUNTED, 480 VOLT, 200 AMP, (DUAL) RADIO SCADA (4 SHEETS)
BE-500	HIGH MAST LIGHT TOWER - 100FT TO 160FT (30m TO 49m) (3 SHEETS)
BE-506	HIGH MAST LIGHT TOWER - 120FT TO 140FT FOUNDATION DETAIL (2 SHEETS)
BE-511	HIGH MAST LIGHT TOWER - 150FT TO 160FT FOUNDATION DETAIL (2 SHEETS)
BE-701	LUMINAIRE SAFETY CABLE ASSEMBLY
BE-702	MISC. ELECTRICAL DETAILS SHEET A
BE-703	MISCELLANEOUS ELECTRICAL DETAILS, SHEET B J BOX EMBEDDED IN BARRIER WALL - INSTALLATION OF CONDUIT IN BRIDGE PARAPET EXPANSION JOINT - ELECTRIC CONNECTION TO UNDERPASS LIGHTING
BE-800	TEMPORARY LIGHT POLE DETAILS
BE-801	TEMPORARY AERIAL CABLE INSTALLATION
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 FOR FREEWAY SINGLE & MULTI-LANE WEAVE
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC-11	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)
TC-12	MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS (2 SHEETS)
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-16	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS
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 (3 SHEETS)

IDOT TRAFFIC SYSTEMS CENTER STANDARDS

TY-ITSC-400*4	CABINET DETAIL SHEET
TY-ITSC-400*6	FIELD MOUNTING FRAME WITH CRADLE ASSEMBLY
TY-ITSC-400*7	FIELD CRADLE ASSEMBLY
TY-ITSC-400*11	CABINET - HANDHOLE CONDUIT DETAIL
TY-ITSC-400*13	TYPE 3 CABINET WIRING DIAGRAM
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*3	RECTANGULAR INDUCTION LOOP TYPICAL
TY-ITSC-418*4	LOOP, CONDUIT & DUCT INSTALLATION DETAILS
TY-ITSC-418*5	TYPICAL INDUCTION LOOP LEAD-IN TRANSITION DIAGRAMS
TY-ITSC-418*6	NEW CONSTRUCTION ROUND INDUCTION LOOP TYPICAL INSTALLATION
TY-ITSC-418*7	LOOP STATUS REPORT
TY-ITSC-418*8	DIVE HOLE DUCT SYSTEM
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-418*20	PREFORMED LOOP TYPICAL INSTALLATION NEW CONCRETE PAVEMENT
TY-ITSC-663*1	CONCRETE BARRIER WALL JUNCTION BOX TYPE "J"
TY-ITSC-663*2	TYPE "J" JUNCTION BOX & P.V.C. DUCT PLACEMENT
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

SCALE: NONE SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	3
CONTRACT NO. 60X79			ILLINOIS FED. AID PROJECT	

FILE PATH = p:\617479-P\INT\ascomon\line\locat\H\CGM\0502_M\Documents\01_Amen\cas\tr\at\p\p\at\on\60265938_C\rd\ia\Phase_1\1000_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-sht-GenNote-02.dgn



0160X79-sht-GenNote-02.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - BMJ	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/27/2018	DATE - 7-30-2018	REVISED -

GENERAL NOTES

1. ALL ELEVATIONS IN THE PLANS ARE BASED UPON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88), UNLESS OTHERWISE NOTED.
2. A MINIMUM OF SEVENTY-TWO (72) HOURS BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL DIGGER (CHICAGO UTILITY ALERT NETWORK) AT (312) 744-7000 TO HAVE THE LOCATION OF EXISTING UNDERGROUND UTILITIES MARKED IN THE FIELD.
3. A MINIMUM OF SEVENTY-TWO (72) HOURS PRIOR TO ANY PLACEMENT OR RELOCATION OF MAINTENANCE OF TRAFFIC DEVICES, THE CONTRACTOR SHALL CONTACT IDOT, DISTRICT 1 BUREAU OF TRAFFIC AT (847) 705-4151.
4. THE CONTRACTOR MUST CALL THE IDOT ELECTRICAL MAINTENANCE CONTRACTOR TO LOCATE IDOT FACILITY CABLES.
5. PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO ROUTINE VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS, CONDITIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN THE SCOPE OF THE WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED BASED UPON THE UNIT PRICE BID FOR THE WORK.
6. PLAN DIMENSIONS AND DETAILS RELATIVE TO CHICAGO TRANSIT AUTHORITY (CTA) TRACK AND TUNNELS ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. PROPOSED CONSTRUCTION OCCURS ADJACENT TO AND OVER OPERATING CTA TRACKS WITHIN TUNNELS. SPECIAL CARE MUST BE USED DURING CONSTRUCTION OPERATIONS AROUND THE CTA INFRASTRUCTURE. ALL EXCAVATIONS NEAR THE CTA INFRASTRUCTURE MUST UTILIZE HAND DIGGING OR OTHER METHODS APPROVED IN ADVANCE BY THE CTA. ANY PROPOSED EQUIPMENT OR MATERIAL STORAGE, EQUIPMENT OPERATIONS OR OTHER ACTIVITIES DEEMED TO BE CONCERNS BY THE CTA REPRESENTATIVE OR THE ENGINEER SHALL BE APPROVED BY THE CTA AT LEAST 72 HOURS IN ADVANCE. APPROVAL SHALL BE BASED UPON A REVIEW IDENTIFIED IN THE CTA FLAGGING AND COORDINATION SPECIAL PROVISION. ADDITIONALLY, CTA, AT THEIR DISCRETION, MAY POST PERSONNEL WITHIN THEIR TUNNEL FACILITIES DURING CONTRACTOR OPERATIONS ABOVE OR ADJACENT TO THE TUNNEL INFRASTRUCTURE.
7. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE OR CITY PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT OR CITY OF CHICAGO.
8. ALL ROADWAY WIDTHS AND RADII SHOWN ON THE PLANS ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
9. A QUANTITY OF 100 FEET OF EXPLORATION TRENCH 52" DEPTH AND A QUANTITY OF 100 FEET OF EXPLORATION TRENCH 84" DEPTH HAVE BEEN INCLUDED IN THE PLANS FOR THE PURPOSE OF IDENTIFYING ANY BURIED OBSTACLE. THE ENGINEER SHALL APPROVE THE LOCATIONS OF EXPLORATION TRENCH 52" DEPTH AND EXPLORATION TRENCH 84" BEFORE ANY EXCAVATION MAY BEGIN.
10. EXCEPT WHERE DESIGNATED OTHERWISE, THE LOCATIONS AND/OR DEPTHS OF UNDERGROUND UTILITIES SHOWN HAVE BEEN TAKEN FROM OFFICE RECORD INFORMATION FURNISHED BY THE UTILITY OWNERS AND THE SUE SURVEYS. ALL UNDERGROUND UTILITIES MUST BE CONSIDERED APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN IN THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE.
11. DRAINAGE
 - A) ALL STORM SEWER CONNECTIONS WITH PIPES 27 INCHES IN DIAMETER AND SMALLER SHALL BE MADE WITH PRECAST TEES OR ELBOW PIPES. FOR PROPOSED STORM SEWERS LARGER THAN 27 INCHES IN DIAMETER, OPENINGS OF THE SPECIFIED DIAMETER SHALL BE IN THE PIPE AT THE TIME IT IS MANUFACTURED.
 - B) STORM SEWER (WATER MAIN REQUIREMENTS) AND COMBINED SEWER, (WATER MAIN REQUIREMENTS) SHALL BE USED AT LOCATIONS WHERE LATERAL SEPARATION BETWEEN THE SEWER AND WATER MAIN DOES NOT MEET IEPA REQUIREMENTS. DUCTILE IRON PIPE WITH RUBBER GASKET JOINTS SHALL BE USED FOR ALL COMBINED SEWER, (WATER MAIN REQUIREMENTS) AND STORM SEWER (WATER MAIN REQUIREMENTS).
 - C) THE OFFSETS AND TOP OF FRAME OR LID ELEVATIONS FOR DRAINAGE STRUCTURES WERE DETERMINED USING THE CRITERIA LISTED BELOW UNLESS OTHERWISE NOTED:
 - I. THE OFFSETS TO ALL STRUCTURES ALONG CURBED ROADWAYS ARE TO THE EDGE OF PAVEMENT. STRUCTURES LOCATED IN THE GUTTER SHALL BE TURNED SO THAT THE FRAME IS CLOSEST THE CENTER LINE OF THE ROAD UNLESS OTHERWISE NOTED ON THE PLANS.
 - II. THE OFFSETS TO ALL STRUCTURES ALONG ROADWAYS WITH BARRIER ARE TO THE FACE OF BARRIER. STRUCTURES LOCATED IN THE GUTTER SHALL BE TURNED SO THAT THE FRAME IS CLOSEST THE CENTER LINE OF THE ROAD UNLESS OTHERWISE NOTED ON THE PLANS
 - III. THE OFFSETS TO STRUCTURES IN GORE AREAS AND INFIELD AREAS ARE TO THE CENTER OF THE STRUCTURE.
 - D) DRAINAGE GRADES SHALL BE VERIFIED IN FIELD PRIOR TO INSTALLATION OF DRAINAGE ITEMS.
12. ALL REINFORCEMENT BARS, DOWEL BARS, AND TIE BARS SHALL BE EPOXY COATED UNLESS OTHERWISE NOTED IN THE PLANS.

13. THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT-MIX ASPHALT MIXTURE IS PLACED.
14. THE DEPARTMENT HAS NOT OBTAINED ANY PERMITS FOR OFFSITE BORROW OR WASTE/USE (BWU) AREAS. PRIOR TO WORKING IN BWU AREAS, IF THE CONTRACTOR CHOOSES TO USE ACTIVITIES REQUIRING PERMITS IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE PROPER PERMITS. IN ADDITION TO THE BORROW REVIEW (BDE 2289) AND USE/WASTE REVIEW (BDE 2290) SUBMITTALS, THE CONTRACTOR WILL NEED TO SUBMIT AN EROSION AND SEDIMENT CONTROL (ESC) PLAN FOR EVERY BWU SITE TO THE DEPARTMENT FOR ACCEPTANCE. GUIDELINES FOR ACCEPTABLE BWU PRACTICES CAN BE FOUND IN SECTION II.5.A AND B OF THE SWPPP. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT ESC PLANS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
15. A MINIMUM OF SEVENTY-TWO (72) HOURS PRIOR TO IMPACTING THE MAIN DRAIN OR IDOT PUMP STATION NO. 5 PROPERTY, THE CONTRACTOR SHALL CONTACT IDOT, DISTRICT 1 BUREAU OF TRAFFIC AT (708) 524-2145.
16. AT THE TIME OF PLAN DEVELOPEMENT, CONGRESS PARKWAY IS IN THE PROCESS OF BEING RENAMED TO IDA B WELLS DRIVE. PLEASE NOTE THAT ALL INSTANCES IN THE PLANS AND SPECIAL PROVISIONS REFERRING TO CONGRESS PARKWAY SHALL NOW BE IDA B WELLS DRIVE.

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 ENVIRONMENTAL ASSESSMENT AND ERRATA - INCLUDED IN THE CONTRACT DOCUMENTS.

FILE PATH = p:\61779-P\WINT\secomon\line\local\IECDM_D502_MW\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\000_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-sht-GenNote-03.dgn



D160X79-sht-GenNote-03.dgn	DESIGNED - VLJ	REVISED -
USER NAME = ml-roe	DRAWN - BMJ	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 9/10/2018	DATE - 9-10-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES AND COMMITMENTS

SCALE: NONE SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	4
CONTRACT NO. 60X79			ILLINOIS FED. AID PROJECT	

**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 THIS DEPARTMENT 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-2-3A TYPICAL JOINT LAYOUT FOR P.C. CONCRETE PAVEMENTS
- A-2-3B P.C.C PAVEMENT JOINT DETAILS
- A-2-3C P.C.C. BASE COURSE JOINT DETAILS
- A-2-6 CONCRETE CURB AND GUTTER DETAIL
- A-2-10A DETAILS OF STRUCTURE CASTING ISOLATION BOX
- A-2-10B DETAILS OF STRUCTURE CASTING ISOLATION BOX FOR P.C.C. PAVEMENT AND BASE COURSE
- 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

CITY OF CHICAGO DIVISION OF WATER MANAGEMENT STANDARD DETAILS

- A.1 VITRIFIED CLAY PIPE DRAIN CONNECTIONS
- A.2 DUCTILE IRON PIPE DRAIN CONNECTIONS
- A.3 MANHOLE LIDS AND FRAMES
- A.4 FLAT TOP SLAB DETAILS
- A.17 CONCRETE COLLAR CONNECTION DETAILS
- A.18 DRAINAGE STRUCTURE DETAILS
- A.20 LADDER RUNGS

FILE PATH = p:\617479-P\INT\secomon\line\loc\h\ecdm\DS02_MW\Documents\01_Americas\Transportation\60264938_Circle\Phase_11\000_CAD\006_Roadway\Sheets\60X79_Contract\016879-sht-Gennote-04.dgn



DI60X79-sht-Gennote-04.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - BMJ	REVISED -
PLOT SCALE = 100.0000' / 1in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/27/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CITY OF CHICAGO
GENERAL NOTES AND STANDARD DETAILS**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	5
CONTRACT NO. 60X79			ILLINOIS FED. AID PROJECT	

FILE PATH = p:\61779-P\INT-DESIGN\Line\Local\FACCDM_0502_MN\Documents\01 Amer.coas\Transportation\60259538_Circle\Phase_1\2006_CAD\006_Roadway\Sheet\60X79_Contract\0160X79-shr-500.dgn

CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	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	
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE		
				0004	0004	0010	0010	0044	0044	0044	0044	0021	
				URBAN	URBAN	016-1710	016-1712	016-1807	016-1811	016-1813	016-1814	016-1839	URBAN
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	272	272									
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	153	153									
20101100	TREE TRUNK PROTECTION	EACH	20	20									
20101200	TREE ROOT PRUNING	EACH	20	20									
20200100	EARTH EXCAVATION	CU YD	63,175	63,175									
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	3,790	3,790									
20400800	FURNISHED EXCAVATION	CU YD	4,700	4,700									
20700220	POROUS GRANULAR EMBANKMENT	CU YD	329					200	129				
20800150	TRENCH BACKFILL	CU YD	4,659	4,659									
210010000	GEOTECHNICAL FABRIS FOR GROUND STABILIZATION	SQ YD	2,565	2,565									
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	36,796	36,796									
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	657	657									

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



0160X79-shr-500.dgn
 USER NAME = mkwilson
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 7/30/2018

DESIGNED - MKW
 DRAWN - MRC
 CHECKED - JMG
 DATE - 7-30-2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 1 OF 25 SHEETS STA. TO STA.

F.A.I. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	6
CONTRACT NO. 60X79			ILLINOIS FED. AID PROJECT	

FILE PATH = p:\61779-P\INT-DESIGN\Line\local\FEC\CDL_0502_MN\Documents\01_Americoas\Transportation\60259538_Circle\Phase_1\2006_CAD\006_Roadway\Sheet\60X79_Contract\0160X79-sht-500.dgn

CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	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	
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	
				0004	0004	0010	0010	0044	0044	0044	0044	0044	0021
				URBAN	URBAN	016-1710	016-1712	016-1807	016-1811	016-1813	016-1814	016-1839	URBAN
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	657	657									
25100115	MULCH, METHOD 2	ACRE	19.25	19.25									
25100630	EROSION CONTROL BLANKET	SQ YD	35,090	35,090									
25200110	SODDING, SALT TOLERANT	SQ YD	1,706	1,706									
25200200	SUPPLEMENTAL WATERING	UNIT	54	54									
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1,925	1,925									
28000305	TEMPORARY DITCH CHECKS	FOOT	90	90									
28000400	PERIMETER EROSION BARRIER	FOOT	4,858	4,858									
28000510	INLET FILTERS	EACH	72	72									
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	1,597	1,597									
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	6,525	6,525									
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	3,786	3,786									
31101600	SUBBASE GRANULAR MATERIAL, TYPE B 8"	SQ YD	181	181									
31200500	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"	SQ YD	3,289	3,289									

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



0160X79-sht-500.dgn
 USER NAME = mkwilson
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 7/30/2018

DESIGNED - MKW
 DRAWN - MRC
 CHECKED - JMG
 DATE - 7-30-2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 2 OF 25 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	7
CONTRACT NO. 60X79			ILLINOIS FED. AID PROJECT	

FILE PATH = p:\61779-P\INT-desomoni\line\local\FECOM_0502_M\Documents\01_Americas\Transportation\60259538_Circle\Phase_1\200_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-sht-500.dgn

CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	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	
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE		
				0004	0004	0010	0010	0044	0044	0044	0044	0021	
				URBAN	URBAN	016-1710	016-1712	016-1807	016-1811	016-1813	016-1814	016-1839	URBAN
40200900	AGGREGATE SURFACE COURSE, TYPE B	CU YD	16	16									
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	250	250									
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	4	4									
42000080	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB	SQ YD	100	100									
42000300	PORTLAND CEMENT CONCRETE PAVEMENT 8"	SQ YD	156	156									
42000501	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SQ YD	664	664									
42000521	PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)	SQ YD	2,772	2,772									
42001300	PROTECTIVE COAT	SQ YD	3,753	3,753									
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	2,106.5	2,106.5									
44000100	PAVEMENT REMOVAL	SQ YD	5,417	5,417									
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	162	162									
44000400	GUTTER REMOVAL	FOOT	1,717	1,717									
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1,547	1,547									
44000600	SIDEWALK REMOVAL	SQ FT	2,196	2,196									

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



0160X79-sht-500.dgn
 USER NAME = mkwilson
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 7/30/2018

DESIGNED - MKW
 DRAWN - MRC
 CHECKED - JMG
 DATE - 7-30-2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 3 OF 25 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	8
CONTRACT NO. 60X79			ILLINOIS FED. AID PROJECT	

FILE PATH = p:\61779-P\INT-desomoni\line\local\FECOM_0502_M\Documents\01_Americas\Transportation\60261928_Circle\Phase 1\2006_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-sht-500.dgn

CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	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	
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	
				0004	0004	0010	0010	0044	0044	0044	0044	0044	0021
				URBAN	URBAN	016-1710	016-1712	016-1807	016-1811	016-1813	016-1814	016-1839	URBAN
44001980	CONCRETE BARRIER REMOVAL	FOOT	2,540	2,540									
44002216	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 4"	SQ YD	19	19									
44003100	MEDIAN REMOVAL	SQ FT	3,043	3,043									
44200964	CLASS B PATCHES, TYPE IV, 9 INCH	SQ YD	19	19									
44004250	PAVED SHOULDER REMOVAL	SQ YD	290	290									
44201396	CLASS C PATCHES, TYPE IV, 13 INCH	SQ YD	220	220									
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	64	64									
48300600	PORTLAND CEMENT CONCRETE SHOULDERS 11"	SQ YD	1,621	1,621									
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1			1							
50102400	CONCRETE REMOVAL	CU YD	51.0	18.0		33.0							
50157300	PROTECTIVE SHIELD	SQ YD	482			482							
50200100	STRUCTURE EXCAVATION	CU YD	8,616	1,266		143	133	657	1,608	3,569	871	369	
50300225	CONCRETE STRUCTURES	CU YD	959.7	2.1		69.3	322.4				345.1	220.8	
50300254	RUBBED FINISH	SQ FT	2,998			700	2,298						
50300255	CONCRETE SUPERSTRUCTURE	CU YD	1,288.7				514.9	228.3	169.7	126.5	154.7	94.6	
50300285	FORM LINER TEXTURED SURFACE	SQ FT	1,505			380	1,125						

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



0160X79-sht-500.dgn
 USER NAME = mkwilson
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 7/30/2018

DESIGNED - MKW
 DRAWN - MRC
 CHECKED - JMG
 DATE - 7-30-2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 4 OF 25 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	9
CONTRACT NO. 60X79			ILLINOIS FED. AID PROJECT	

FILE PATH = p:\6179-P\INT-DESIGN\Line\Local\IAC\CDL_0502_MN\Documents\01_Americoas\Transportation\60259538_Circle\Phase_1\2006_CAD\006_Roadway\Sheet\60X79_Contract\0160X79-shr-500.dgn

CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	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	
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE		
				0004	0004	0010	0010	0044	0044	0044	0044	0021	
				URBAN	URBAN	016-1710	016-1712	016-1807	016-1811	016-1813	016-1814	016-1839	URBAN
50300300	PROTECTIVE COAT	SQ YD	3,546				2,309	551	412	274			
50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	145.2				145.2						
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1				1						
50500505	STUD SHEAR CONNECTORS	EACH	9,316				9,316						
50800105	REINFORCEMENT BARS	POUND	1,124,240			30,820	61,510				687,470	344,440	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	414,040	530		16,590	271,430	34,790	25,860	15,780	29,660	19,400	
50800515	BAR SPLICERS	EACH	96				96						
50800530	MECHANICAL SPLICERS	EACH	1,204			52	120				792	240	
51201710	FURNISHING STEEL PILES HP12X84	FOOT	1,734				1,734						
51500100	NAME PLATES	EACH	6				1	1	1	1	1	1	
51602000	PERMANENT CASING	FOOT	3,731				2,387				170	1,174	
* 51603000	DRILLED SHAFT IN SOIL	CU YD	5,022.0			160.0	226.0				2,937.4	1,698.6	
* 51604000	DRILLED SHAFT IN ROCK	CU YD	5.1			4.0	1.1						
52000110	PREFORMED JOINT STRIP SEAL	FOOT	99				99						

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



0160X79-shr-500.dgn
 USER NAME = mkwilson
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 7/30/2018

DESIGNED - MKW
 DRAWN - MRC
 CHECKED - JMG
 DATE - 7-30-2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 5 OF 25 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	10
CONTRACT NO. 60X79			ILLINOIS FED. AID PROJECT	

FILE PATH = p:\6179-P\INT\secomon1\local\IACOM_0502_MN\Documents\01_Americas\Transportation\60269938_Circle\Phase_11\006_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-sht-500.dgn

CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	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	
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE		
				0004	0004	0010	0010	0044	0044	0044	0044	0044	0021
				URBAN	URBAN	016-1710	016-1712	016-1807	016-1811	016-1813	016-1814	016-1839	URBAN
52100530	ANCHOR BOLTS, 1 1/4"	EACH	64				64						
52100540	ANCHOR BOLTS, 1 1/2"	EACH	96				96						
52200020	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	4,772	1,743			839		675		982	533	
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	300	300									
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	1,765	1,765									
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	80	80									
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	61	61									
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	490	490									
550A0780	STORM SEWERS, CLASS A, TYPE 3 48"	FOOT	361	361									
550A0830	STORM SEWERS, CLASS A, TYPE 3 78"	FOOT	228	228									
550A4900	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 24"	FOOT	247	247									
55100500	STORM SEWER REMOVAL 12"	FOOT	1,930	1,930									
55100900	STORM SEWER REMOVAL 18"	FOOT	116	116									
55101200	STORM SEWER REMOVAL 24"	FOOT	228	228									

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



D:\6179-P\INT\secomon1\local\IACOM_0502_MN\Documents\01_Americas\Transportation\60269938_Circle\Phase_11\006_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-sht-500.dgn	DESIGNED - MKW	REVISED -
USER NAME = mkwilson	DRAWN - MRC	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/30/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 6 OF 25 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	11
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X79	

FILE PATH = p:\61779-P\INT-DESIGN\Line\local\602_0502_MN\Documents\01 Amer.coas\Transportation\60259538 Circle\Phase 1\002_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-sht-500.dgn

CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	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	
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE		
				0004	0004	0010	0010	0044	0044	0044	0044	0021	
				URBAN	URBAN	016-1710	016-1712	016-1807	016-1811	016-1813	016-1814	016-1839	URBAN
55101400	STORM SEWER REMOVAL 30"	FOOT	83	83									
55101600	STORM SEWER REMOVAL 36"	FOOT	75	75									
55201600	STORM SEWERS JACKED IN PLACE, 48"	FOOT	126	126									
55201800	STORM SEWERS JACKED IN PLACE, 60"	FOOT	335	335									
55202100	STORM SEWERS JACKED IN PLACE, 78"	FOOT	165	165									
58700300	CONCRETE SEALER	SQ FT	40,691			1,288	4,463	6,704	6,443	5,109	10,728	5,956	
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	40	40									
60108206	PIPE UNDERDRAINS, TYPE 2, 6"	FOOT	2,135	2,135									
60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2	2									
60200205	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	17	17									
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	9	9									
60201310	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	6	6									
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	4									
60221000	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2	2									

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



0160X79-sht-500.dgn
 USER NAME = mkwilson
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 7/30/2018

DESIGNED - MKW
 DRAWN - MRC
 CHECKED - JMG
 DATE - 7-30-2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 7 OF 25 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	12
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X79	

FILE PATH = p:\6179-P\INT\secomon1\local\AECDM_0502_MN\Documents\01_Americas\Transportation\60259538_Circle\Phase_1\000_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-sht-500.dgn

CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	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	
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE		
				0004	0004	0010	0010	0044	0044	0044	0044	0021	
				URBAN	URBAN	016-1710	016-1712	016-1807	016-1811	016-1813	016-1814	016-1839	URBAN
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5	5									
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3									
60224005	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 8 GRATE	EACH	1	1									
60235300	INLETS, TYPE A, TYPE 1 FRAME, CLOSED LID	EACH	3	3									
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	12	12									
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1	1									
60236700	INLETS, TYPE A, TYPE 10 FRAME AND GRATE	EACH	1	1									
60237420	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	EACH	3	3									
60250200	CATCH BASINS TO BE ADJUSTED	EACH	14	14									
60255500	MANHOLES TO BE ADJUSTED	EACH	4	4									
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	1	1									
60500040	REMOVING MANHOLES	EACH	9	9									
60500050	REMOVING CATCH BASINS	EACH	24	24									
60500060	REMOVING INLETS	EACH	9	9									

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



D:\6179-P\INT\secomon1\local\AECDM_0502_MN\Documents\01_Americas\Transportation\60259538_Circle\Phase_1\000_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-sht-500.dgn	DESIGNED - MKW	REVISED -
USER NAME = mkwilson	DRAWN - MRC	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/30/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 8 OF 25 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	13
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X79	

FILE PATH = p:\61779-P\INT-aeasomoni\line\local\FECOM_0502_NA\Documents\01_Americas\Transportation\60259938_Circle\Phase 1\020_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-sht-500.dgn

CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	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	
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	
				0004	0004	0010	0010	0044	0044	0044	0044	0021	
				URBAN	URBAN	016-1710	016-1712	016-1807	016-1811	016-1813	016-1814	016-1839	URBAN
60600605	CONCRETE CURB, TYPE B	FOOT	101.0	101.0									
60602500	CONCRETE GUTTER, TYPE A	FOOT	195.0	195.0									
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	400.0	400.0									
60610400	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24	FOOT	364.0	364.0									
60618210	HOT-MIX ASPHALT MEDIAN SURFACE, 4 INCH	SQ FT	2,933	2,933									
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	137.5	137.5									
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	1	1									
63200310	GUARDRAIL REMOVAL	FOOT	302	302									
63700175	CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT	FOOT	1,511	1,511									
63700805	CONCRETE BARRIER TRANSITION	FOOT	3	3									
63700900	CONCRETE BARRIER BASE	FOOT	1,511	1,511									
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	440	440									
64300370	IMPACT ATTENUATORS (FULLY REDIRECTIVE, WIDE), TEST LEVEL 3	EACH	1	1									
66400305	CHAIN LINK FENCE, 6'	FOOT	148	148									

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



0160X79-sht-500.dgn
 USER NAME = mkwilson
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 7/30/2018

DESIGNED - MKW
 DRAWN - MRC
 CHECKED - JMG
 DATE - 7-30-2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 9 OF 25 SHEETS STA. TO STA.

F.A.I. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	14
CONTRACT NO. 60X79			ILLINOIS FED. AID PROJECT	

FILE PATH = p:\61779-P\INT-DESIGN\Line\Local\FACD\0502_MN\Documents\01_Americas\Transportation\60259538_Circle\Phase 1\2018_CAD\006_Roadway\Sheet\60X79_Contract\0160X79-shr-500.dgn

CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	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	
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE		
				0004	0004	0010	0010	0044	0044	0044	0044	0021	
				URBAN	URBAN	016-1710	016-1712	016-1807	016-1811	016-1813	016-1814	016-1839	URBAN
* 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	870	870									
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	9,219	9,219									
70400100	TEMPORARY CONCRETE BARRIER	FOOT	2,825.0	2,825.0									
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	4,437.5	4,437.5									
70600255	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	4	4									
70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	5	5									
70600270	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, WIDE), TEST LEVEL 3	EACH	1	1									
70600322	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	3	3									
70600332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	3	3									
70800105	TEMPORARY WATER FILLED BARRIER	FOOT	525.0	525.0									

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



0160X79-shr-500.dgn	DESIGNED - MKW	REVISED -
USER NAME = mkwilson	DRAWN - MRC	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/30/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 10 OF 25 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	15
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X79	

FILE PATH = p:\6179-P\INT\secomon\line\local\IAC\CDL_0502_MN\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\006_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-sht-500.dgn

CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	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	
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE		
				0004	0004	0010	0010	0044	0044	0044	0044	0021	
				URBAN	URBAN	016-1710	016-1712	016-1807	016-1811	016-1813	016-1814	016-1839	URBAN
* 72000100	SIGN PANEL - TYPE 1	SQ FT	3	3									
* 72000300	SIGN PANEL - TYPE 3	SQ FT	299	299									
* 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	3	3									
* 72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	4	4									
* 72400730	RELOCATE SIGN PANEL - TYPE 3	SQ FT	30	30									
* 72900200	METAL POST - TYPE B	FOOT	19	19									
* 73300100	OVERHEAD SIGN STRUCTURE - SPAN, TYPE I-A (4'-0" X 4'-6")	FOOT	50	50									
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	795	795									
* 78000300	THERMOPLASTIC PAVEMENT MARKING - LINE 5"	FOOT	174	174									
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	415	415									
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	165	165									
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	108	108									
* 78004358	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - INLAID - LINE 8"	FOOT	1,909	1,909									
* 78005100	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	622	622									

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



DI60X79-sht-500.dgn	DESIGNED - MKW	REVISED -
USER NAME = mkwilson	DRAWN - MRC	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/30/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 11 OF 25 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	16
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X79	

FILE PATH = p:\6179-P\INT\secomon1\local\IACOM_0502_M\Documents\01_Americas\Transportation\60269938_Circle\Phase_11\006_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-sht-500.dgn

CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	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	
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE		
				0004	0004	0010	0010	0044	0044	0044	0044	0044	0021
				URBAN	URBAN	016-1710	016-1712	016-1807	016-1811	016-1813	016-1814	016-1839	URBAN
* 78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	15,212	15,212									
* 78005120	EPOXY PAVEMENT MARKING - LINE 5"	FOOT	4,590	4,590									
* 78005140	EPOXY PAVEMENT MARKING - LINE 8"	FOOT	7,963	7,963									
* 78005150	EPOXY PAVEMENT MARKING - LINE 12"	FOOT	977	977									
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	519	519									
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	4,154	4,154									
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	1,451	1,451									
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	281	281									
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	808	808									
* 78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	785	785									
* 78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	808	808									
* 80400100	ELECTRIC SERVICE INSTALLATION	EACH	1										1
* 80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1										1
* 81028170	UNDERGROUND CONDUIT, GALVANIZED STEEL, 1" DIA.	FOOT	15										15

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



D:\6179-P\INT\secomon1\local\IACOM_0502_M\Documents\01_Americas\Transportation\60269938_Circle\Phase_11\006_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-sht-500.dgn	DESIGNED - MKW	REVISED -
USER NAME = mkwilson	DRAWN - MRC	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 12 OF 25 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	17
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X79	

FILE PATH = p:\61779-P\INT\secomon\line\local\IAC\CDM_0502_NA\Documents\01_Americas\Transportation\60269538_Circle\Phase_1\000_CAD\006_Roadway\Sheets\60X79_Contract\016079-sht-500.dgn

CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY		BRIDGE		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	
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	
				0004	0004	0010	0010	0044	0044	0044	0044	0044	0021
				URBAN	URBAN	016-1710	016-1712	016-1807	016-1811	016-1813	016-1814	016-1839	URBAN
* 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	1,170										1,170
* 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	420										420
* 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	85										85
* 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	179										179
* 81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	65										65
* 81100320	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., PVC COATED GALVANIZED STEEL	FOOT	420										420
* 81100605	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., PVC COATED GALVANIZED STEEL	FOOT	90										90
* 81100805	CONDUIT ATTACHED TO STRUCTURE, 3" DIA., PVC COATED GALVANIZED STEEL	FOOT	962										962
* 81101005	CONDUIT ATTACHED TO STRUCTURE, 4" DIA., PVC COATED GALVANIZED STEEL	FOOT	15										15
* 81200230	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	1,159										1,159
* 81200270	CONDUIT EMBEDDED IN STRUCTURE, 4" DIA., PVC	FOOT	310										310
* 81300220	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4"	EACH	4										4
* 81300530	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"	EACH	12										12
* 81300830	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 18" X 8"	EACH	5										5

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



D160X79-sht-500.dgn	DESIGNED - MKW	REVISED -
USER NAME = mkwilson	DRAWN - MRC	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/30/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 13 OF 25 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	18
CONTRACT NO. 60X79			ILLINOIS FED. AID PROJECT	

FILE PATH = p:\6179-P\INT\secomon\line\local\IAC\CDL_0502_MN\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\006_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-sht-500.dgn

CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	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	
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	
				0004	0004	0010	0010	0044	0044	0044	0044	0044	0021
				URBAN	URBAN	016-1710	016-1712	016-1807	016-1811	016-1813	016-1814	016-1839	URBAN
* 81300948	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 24" X 24" X 10"	EACH	1										1
* 81400200	HEAVY-DUTY HANDHOLE	EACH	8										8
* 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	1,918										1,918
* 81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	1,792										1,792
* 81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	659										659
* 81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	1,318										1,318
* 81702140	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	1,079										1,079
* 81702150	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	3,475										3,475
* 81800300	AERIAL CABLE, 3-1/C NO. 2 WITH MESSENGER WIRE	FOOT	35										35
* 82105600	LUMINAIRE, SODIUM VAPOR, HIGH MAST, HORIZONTAL MOUNT, 400 WATT	EACH	4										4
* 82500350	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 100AMP	EACH	1										1
* 83507800	LIGHT TOWER, 150 FT. MOUNTING HEIGHT, LUMINAIRE MT. - 6	EACH	3										3
* 83700400	LIGHT TOWER FOUNDATION, 60" DIAMETER	FOOT	158.0										158.0

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



DI60X79-sht-500.dgn	DESIGNED - MKW	REVISED -
USER NAME = mkwilson	DRAWN - MRC	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/30/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 14 OF 25 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	19
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X79	

FILE PATH = p:\6179-P\INT.dwg; USER = mkwilson; PROJECT = 2014-005R&B; SHEET = 20

CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY		BRIDGE		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	
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	
				0004	0004	0010	0010	0044	0044	0044	0044	0044	
				URBAN	URBAN	016-1710	016-1712	016-1807	016-1811	016-1813	016-1814	016-1839	URBAN
* 84100110	REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	1										1
* 84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	17										17
* 84200804	REMOVAL OF POLE FOUNDATION	EACH	5										5
* 84400405	RELOCATE EXISTING WOOD POLES	EACH	1										1
* 84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	1										1
* 84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	1										1
* 87200400	SPAN WIRE	FOOT	610										610
* 87800200	CONCRETE FOUNDATION, TYPE D	FOOT	10										10
* 87900100	DRILL EXISTING FOUNDATION	EACH	1										1
* 87900205	DRILL EXISTING HEAVY DUTY HANDHOLE	EACH	5										5
* 89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	4,411										4,411
* 89502380	REMOVE EXISTING HANDHOLE	EACH	5										5
X0100011	REMOVAL OF SOIL RETENTION SYSTEM	L SUM	1							1			
X0200004	HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)	SQ YD	310	310									

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



DESIGNED - MKW	REVISED -
DRAWN - MRC	REVISED -
CHECKED - JMG	REVISED -
DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 15 OF 25 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	20
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X79	

FILE PATH = p:\61779-P\INT-DESIGN\Line\Local\FACD\0502_MN\Documents\01_Americoas\Transportation\60259538_Circle\Phase 1\2018_CAD\006_Roadway\Sheet\60X79_Contract\0160X79-sht-500.dgn

CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	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	
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	
				0004	0004	0010	0010	0044	0044	0044	0044	0044	0021
				URBAN	URBAN	016-1710	016-1712	016-1807	016-1811	016-1813	016-1814	016-1839	URBAN
X0320051	CROSSHOLE SONIC LOGGING ACCESS DUCTS	FOOT	5,278			88	763				2,805	1,622	
X0320052	CROSSHOLE SONIC LOGGING TESTING	EACH	15			1	2				7	5	
X0321750	REMOVE TEMPORARY CONCRETE BARRIER, STATE OWNED	FOOT	701	701									
X0321963	MICRO-PILES	EACH	16				16						
* X0322433	LIGHT TOWER, SERVICE PAD	EACH	2										2
* X0322441	DIGITAL LOOP DETECTOR SENSOR UNIT (4 CHANNEL)	EACH	1										1
* X0322442	STONE EQUIPMENT - 3 FREQUENCY RECEIVER PROGRAMMABLE	EACH	2										2
* X0322443	STONE EQUIPMENT - 3 FREQUENCY TRANSMITTER PROGRAMMABLE	EACH	2										2
X0323432	MICROPILE LOAD TEST	EACH	1				1						
X0323433	MICROPILE PROOF LOAD TEST	EACH	1				1						
X0323553	ORNAMENTAL FENCE, WROUGHT IRON	FOOT	88	88									
* X0323710	REMOVE CONDUIT ATTACHED TO STRUCTURE	FOOT	122										122
* X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	532										532
X0324761	DRAINAGE SYSTEM (SPECIAL)	L SUM	1	1									

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



0160X79-sht-500.dgn
 USER NAME = mkwilson
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 7/30/2018

DESIGNED - MKW
 DRAWN - MRC
 CHECKED - JMG
 DATE - 7-30-2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 16 OF 25 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	21
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X79	

FILE PATH = p:\61779-P\INT-DESIGN\Line\Local\FACD\0502_MN\Documents\01_Americoas\Transportation\60259538_Circle\Phase_1\006_CAD\006_Roadway\Sheet\60X79_Contract\0160X79-sht-500.dgn

CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	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	
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	
				0004	0004	0010	0010	0044	0044	0044	0044	0044	0021
				URBAN	URBAN	016-1710	016-1712	016-1807	016-1811	016-1813	016-1814	016-1839	URBAN
* X0325040	FIBER OPTIC INNERDUCT 1 1/4" DIA.	FOOT	803										803
X0325087	VIDEO TAPING OF MAIN DRAIN	FOOT	3,716	3,716									
** X0325095	MAIN DRAIN CLEANING	FOOT	1,858		1,858								
X0325201	SHOULDER RUMBLE STRIP REMOVAL	SQ YD	1,868	1,868									
X0325207	TELEVISION INSPECTION OF SEWER	FOOT	1,758	1,758									
X0325279	CLASS SI CONCRETE (MISCELLANEOUS)	CU YD	450.9								299.8	151.1	
X0325318	LIGHTWEIGHT CELLULAR CONCRETE FILL	CU YD	13,153					3,217	3,282	5,200		1,454	
X0325349	TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)	FOOT	1,450.0	1,450.0									
X0325410	PILE REMOVAL	FOOT	10	10									
* X0325815	REMOVE EXISTING CABLE	FOOT	4,211										4,211
* X0326094	RELOCATE EXISTING ITS CONTROLLER CABINET	EACH	2										2
* X0326326	CABLE IN CONDUIT, TRIPLEX, 2-1/C NO. 6 AND 1-1/C NO. 8 GROUND	FOOT	225										225
* X0327004	TEMPORARY WOOD POLE, 60 FT., CLASS 4	EACH	5										5
* X0327117	ATMS SYSTEM INTEGRATION	L SUM	1										1

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



0160X79-sht-500.dgn
 USER NAME = mkwilson
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 7/30/2018

DESIGNED - MKW
 DRAWN - MRC
 CHECKED - JMG
 DATE - 7-30-2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 17 OF 25 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	22
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X79	

FILE PATH = p:\61779-P\INT-desomoni\line\local\FEC\CDL_0502_M\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\200_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-sht-500.dgn

CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	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
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE
				0004	0004	0010	0010	0044	0044	0044	0044	0044	0021
				URBAN	URBAN	016-1710	016-1712	016-1807	016-1811	016-1813	016-1814	016-1839	URBAN
X0327267	SLOPE INCLINOMETER	EACH	4	1						1	1	1	
X0327347	COMBINED SEWER REMOVAL 6"	FOOT	38	38									
X0327357	CONSTRUCTION VIBRATION MONITORING	L SUM	1	1									
* X0327607	FIBER OPTIC SPLICE-MAINLINE	EACH	3										3
* X0327616	MAINTAINING ITS DURING CONSTRUCTION	CAL MO	29										29
X0327645	TEMPORARY SOIL RETENTION SYSTEM (SPECIAL)	SQ FT	4,118	3,040						1,078			
X0327754	TEMPORARY BULKHEAD	EACH	7	7									
X0327757	FOUNDATION CONSTRUCTION AT EXISTING OBSTRUCTIONS	EACH	5				3					2	
X0327979	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	958	958									
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	11,205	11,205									
* X0370007	BREAKDOWN EXISTING HANDHOLE (CDOT)	EACH	3										3
* X0370021	ELECTRICAL HANDHOLE, 30", 24" FRAME AND LID (CDOT)	EACH	1										1
* X0370068	CONCRETE FOUNDATION, 24" DIAMETER, 1 1/4" ANCHOR RODS, 15" BOLT CIRCLE (CDOT)	EACH	3										3
* X0370074	RACKING CABLES IN MANHOLE OR HANDHOLE (CDOT)	EACH	1										1

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



0160X79-sht-500.dgn
 USER NAME = mkwilson
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 7/30/2018

DESIGNED - MKW
 DRAWN - MRC
 CHECKED - JMG
 DATE - 7-30-2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 18 OF 25 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	23
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X79	

FILE PATH = p:\61779-P\INT-DESIGN\Line\Local\FECOM_0502_MN\Documents\01 Amer\cas\Transportation\60259538_Circle\Phase 1\2006_CAD\006_Roadway\Sheet\60X79_Contract\0160X79-sht-500.dgn

CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	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	
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	
				0004	0004	0010	0010	0044	0044	0044	0044	0044	0021
				URBAN	URBAN	016-1710	016-1712	016-1807	016-1811	016-1813	016-1814	016-1839	URBAN
X0370077	LOCATE TUNNEL, CHICAGO	EACH	2	2									
X0370078	BULKHEAD TUNNEL, CHICAGO	EACH	4	4									
X0370080	COMBINATION CURB AND GUTTER TYPE B V.12 (CDOT)	FOOT	47	47									
* X0370085	CLEAN MANHOLE OR HANDHOLE (CDOT)	EACH	1										1
* X1200007	TEMPORARY WOOD POLE, 80 FEET, CLASS 4	EACH	1										1
X1200028	REMOVE TEMPORARY BULKHEAD	EACH	1	1									
X1200050	BOX CULVERT REMOVAL	FOOT	85	85									
X1200087	JUNCTION CHAMBER NO. 1	EACH	1	1									
* X1400240	FIBER OPTIC CABLE IN CONDUIT, 96 FIBERS, SINGLE MODE	FOOT	2,038										2,038
* X1400241	FIBER OPTIC CABLE, AERIAL, 96 FIBERS, SINGLE MODE	FOOT	910										910
* X1400249	LUMINAIRE, UNDERPASS, LED, TYPE C	EACH	8										8
* X1400256	JUNCTION, BOX TYPE J, 41" X 12" X 9"	EACH	2										2
* X1400259	LUMINAIRE, HIGHMAST LED, TYPE D	EACH	28										28
* X1400262	ELECTRIC CABLE, AERIAL INSTALLATION, NO. 19 25 PAIR	FOOT	1,820										1,820

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



0160X79-sht-500.dgn
 USER NAME = mkwilson
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 7/30/2018

DESIGNED - MKW
 DRAWN - MRC
 CHECKED - JMG
 DATE - 7-30-2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 19 OF 25 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	24
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X79	

FILE PATH = p:\61779-P\INT\ascomon\line\local\06\02\NA\Documents\01\America\Transportation\60269538 Circle\Phase 1\006_CDD\006_Roadway\Sheets\60X79_Contract\0160X79-500.dgn

CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	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	
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	
				0004	0004	0010	0010	0044	0044	0044	0044	0021	
				URBAN	URBAN	016-1710	016-1712	016-1807	016-1811	016-1813	016-1814	016-1839	URBAN
* X1700001	DRILL EXISTING MANHOLE, HEAVY DUTY HANDHOLE, OR MEDIAN WALL JUNCTION BOX	EACH	1										1
X1700036	CONCRETE BARRIER BASE (SPECIAL NO. 1)	FOOT	125	125									
X1700037	CONCRETE BARRIER BASE (SPECIAL NO. 2)	FOOT	278	278									
X4020400	AGGREGATE SURFACE COURSE, TYPE B 4"	SQ YD	139	139									
X5012502	CONCRETE REMOVAL (SPECIAL)	CU YD	129.5	89.5			40.0						
X5030250	BRIDGE DECK GROOVING (LONGITUDINAL)	SQ YD	2,325				1,762	324	239				
X5210120	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 250K	EACH	16				16						
X5210330	HIGH LOAD MULTI-ROTATIONAL BEARINGS, FIXED - 400K	EACH	16				16						
** X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	179		179								
** X5537900	STORM SEWERS TO BE CLEANED 15"	FOOT	189		189								
** X5538200	STORM SEWERS TO BE CLEANED 24"	FOOT	120		120								
** X5538600	STORM SEWERS TO BE CLEANED 36"	FOOT	391		391								
X5620124	WATER SERVICE LINE REMOVAL	FOOT	128	128									
X5860110	GRANULAR BACKFILL FOR STRUCTURES	CU YD	318				318						

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



0160X79-500.dgn	DESIGNED - MKW	REVISED -
USER NAME = mkwilson	DRAWN - MRC	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/30/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 20 OF 25 SHEETS STA. TO STA.

F.A.I. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	25
CONTRACT NO. 60X79			ILLINOIS FED. AID PROJECT	

FILE PATH = p:\61779-P\INT-DESIGN\Line\Local\FACD\0502_MN\Documents\01_Amer\cas\Transportation\60259538_Circle\Phase_1\2018_CAD\006_Roadway\Sheet\60X79_Contract\0160X79-sht-500.dgn

CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	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	
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE		
				0004	0004	0010	0010	0044	0044	0044	0044	0021	
				URBAN	URBAN	016-1710	016-1712	016-1807	016-1811	016-1813	016-1814	016-1839	URBAN
X6022110	MANHOLES, TYPE A, 10'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	4									
X6331110	STEEL POSTS, SPECIAL	EACH	1	1									
X6430120	REMOVE IMPACT ATTENUATORS, NO SALVAGE	EACH	3	3									
X6640200	TEMPORARY CHAIN LINK FENCE	FOOT	168	168									
X6640300	CHAIN LINK FENCE REMOVAL	FOOT	235	235									
X6640525	CHAIN LINK FENCE, 4' ATTACHED TO STRUCTURE	FOOT	14									14	
X6640704	TEMPORARY CHAIN LINK FENCE WITH SCREENING, 4'	FOOT	763	763									
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	29	29									
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1									
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1									
X7013820	TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS	CAL DA	870	870									
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	1,740	1,740									
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	10,107	10,107									

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



0160X79-sht-500.dgn
 USER NAME = mkwilson
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 7/30/2018

DESIGNED - MKW
 DRAWN - MRC
 CHECKED - JMG
 DATE - 7-30-2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 21 OF 25 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	26
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X79	

FILE PATH = p:\61779-P\INT\asomoni\local\local\0502_NA\Documents\01_Americas\Transportation\60259538_Circle\Phase_1\006_CDD\006_Roadway\Sheets\60X79_Contract\0160X79-ant-500.dgn

CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	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	
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	
				0004	0004	0010	0010	0044	0044	0044	0044	0044	0021
				URBAN	URBAN	016-1710	016-1712	016-1807	016-1811	016-1813	016-1814	016-1839	URBAN
X7035100	TEMPORARY EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	295	295									
X7035104	TEMPORARY EPOXY PAVEMENT MARKING - LINE 4"	FOOT	13,090	13,090									
X7035105	TEMPORARY EPOXY PAVEMENT MARKING - LINE 5"	FOOT	2,236	2,236									
X7035106	TEMPORARY EPOXY PAVEMENT MARKING - LINE 6"	FOOT	690	690									
X7035108	TEMPORARY EPOXY PAVEMENT MARKING - LINE 8"	FOOT	4,577	4,577									
X7035112	TEMPORARY EPOXY PAVEMENT MARKING - LINE 12"	FOOT	228	228									
X7040125	PINNING TEMPORARY CONCRETE BARRIER	EACH	1,995	1,995									
* X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	1,909	1,909									
* X8100863	INTERCEPT EXISTING CONDUIT	EACH	7										7
* X8130115	DRILL EXISTING JUNCTION BOX	EACH	10										10
* X8130120	RELOCATE EXISTING JUNCTION BOX	EACH	1										1
* X8130125	REMOVE EXISTING JUNCTION BOX	EACH	2										2
* X8211125	LUMINAIRE, LED, HORIZONTAL MOUNT, SPECIAL	EACH	3										3
* X8250510	LIGHTING CONTROLLER FOUNDATION	EACH	1										1

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



0160X79-ant-500.dgn
 USER NAME = mkwilson
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 7/30/2018

DESIGNED - MKW
 DRAWN - MRC
 CHECKED - JMG
 DATE - 7-30-2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 22 OF 25 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	27
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X79	

FILE PATH = p:\61779-P\INT-DESIGN\Line\Local\FEC\CDL_0502_MN\Documents\01 Amer\cas\Transportation\60259538_Circle\Phase_1\2006_CAD\006_Roadway\Sheet\60X79_Contract\0160X79-shr-500.dgn

CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	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	
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	
				0004	0004	0010	0010	0044	0044	0044	0044	0044	0021
				URBAN	URBAN	016-1710	016-1712	016-1807	016-1811	016-1813	016-1814	016-1839	URBAN
* X8251388	LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 200AMP (DUAL), RADIO SCADA	EACH	1										1
* X8300001	LIGHT POLE, SPECIAL	EACH	3										3
* X8420502	REMOVAL OF LIGHT TOWER, NO SALVAGE	EACH	4										4
* X8420510	REMOVAL OF TOWER FOUNDATION	EACH	4										4
* X8730246	ELECTRIC CABLE IN CONDUIT, NO. 19 25 PAIR	FOOT	3,256										3,256
* X8730312	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 4/C, TWISTED, SHIELDED	FOOT	1,188										1,188
* X8772115	TEMPORARY MAST ARM, ALUMINUM, 15FT	EACH	4										4
* X8850109	PREFORMED INDUCTION LOOP	FOOT	72										72
* X8950425	REMOVE EXISTING TRAFFIC SURVEILLANCE EQUIPMENT	L SUM	1										1
* X8951011	REMOVE AERIAL CABLE	FOOT	1,554										1,554
Z0004552	APPROACH SLAB REMOVAL	SQ YD	189	189									
Z0010614	CLEANING EXISTING MANHOLE OR HANDHOLE	EACH	3										3
Z0013797	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	327	327									
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1									

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



0160X79-shr-500.dgn	DESIGNED - MKW	REVISED -
USER NAME = mkwilson	DRAWN - MRC	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/30/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: NONE		SUMMARY OF QUANTITIES		F.A.I. RTE.		SECTION		COUNTY		TOTAL SHEETS		SHEET NO.	
		SHEET 23	OF 25 SHEETS	STA.	TO STA.	90/94/290	2014-005R&B	COOK	888	28			

CONTRACT NO. 60X79		ILLINOIS FED. AID PROJECT	
--------------------	--	---------------------------	--

FILE PATH = p:\61779-P\INT-desomoni\line\local\FECOM_0502_M\Documents\01_Americas\Transportation\60259538_Circle\Phase_1\200_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-sht-500.dgn

CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	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	
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	
				0004	0004	0010	0010	0044	0044	0044	0044	0044	0021
				URBAN	URBAN	016-1710	016-1712	016-1807	016-1811	016-1813	016-1814	016-1839	URBAN
Z0018002	DRAINAGE SCUPPERS, DS-11	EACH	4				4						
Z0018800	DRAINAGE SYSTEM	L SUM	1.0			0.2	0.8						
Z0019600	DUST CONTROL WATERING	UNIT	300	300									
Z0022800	FENCE REMOVAL	FOOT	477	477									
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	1,495	1,495									
Z0032300	JACKING EXISTING SUPERSTRUCTURE	L SUM	1			1							
* Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	4										4
* Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	29										29
Z0034212	MECHANICALLY STABILIZED EARTH RETAINING WALL, SPECIAL	SQ FT	13,134					4,597	4,694	3,843			
Z0037300	PAVEMENT GROOVING	SQ YD	5,403	5,403									
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	551								333	218	
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1									
Z0062456	TEMPORARY PAVEMENT	SQ YD	1,884	1,884									
Z0065000	SETTING PILES IN ROCK	EACH	16				16						

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



0160X79-sht-500.dgn
 USER NAME = mkwilson
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 7/30/2018

DESIGNED - MKW
 DRAWN - MRC
 CHECKED - JMG
 DATE - 7-30-2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 24 OF 25 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	29
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X79	

FILE PATH = p:\61779-P\INT-asecomont\line\local\FECOM_0502_NA\Documents\01_Americas\Transportation\60259538_Circle\Phase_1\020_CAD\006_Roadway\Sheets\6079_Contract\016079-sht-500.dgn

CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	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	
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE		
				0004	0004	0010	0010	0044	0044	0044	0044	0021	
				URBAN	URBAN	016-1710	016-1712	016-1807	016-1811	016-1813	016-1814	016-1839	URBAN
% Z0076600	TRAINEES	HOUR	2000	2000									
% Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	2000	2000									
X1200214	JUNCTION CHAMBER NO. 2	EACH	1	1									
* X1400345	REMOVE HIGHWAY ADVISORY RADIO	L SUM	1										1
* X1400346	MAST ARM, STEEL, 8 FOOT	EACH	3										3
X0320085	MONITORING ADJACENT STRUCTURES	L SUM	1	1									
* X2700022	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - INLAID, 11"	FOOT	174	174									
* X2700021	GROOVING FOR RECESSED PAVEMENT MARKING, 12"	FOOT	174	174									
X0327992	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE) TEST LEVEL 3 (TO REMAIN PERMANENTLY)	EACH	1	1									
* X1200215	LIGHT TOWER, 130 FT. MOUNTING HEIGHT, LUMINAIRE MT. - 5	EACH	2										2
X0900071	SHEET PILE REMOVAL, SPECIAL	SQ FT	200	200									
X3400006	BUILDING REMOVAL - CASE IV (NO ASBESTOS)	L SUM	1	1									
X0327993	STAIRCASE REMOVAL	L SUM	1	1									
X1400347	DETOUR TRAFFIC SIGNAL MODIFICATION AND MAINTENANCE	EACH	2	2									

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



016079-sht-500.dgn
 USER NAME = mkwilson
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 7/30/2018

DESIGNED - MKW
 DRAWN - MRC
 CHECKED - JMG
 DATE - 7-30-2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 25 OF 25 SHEETS STA. TO STA.

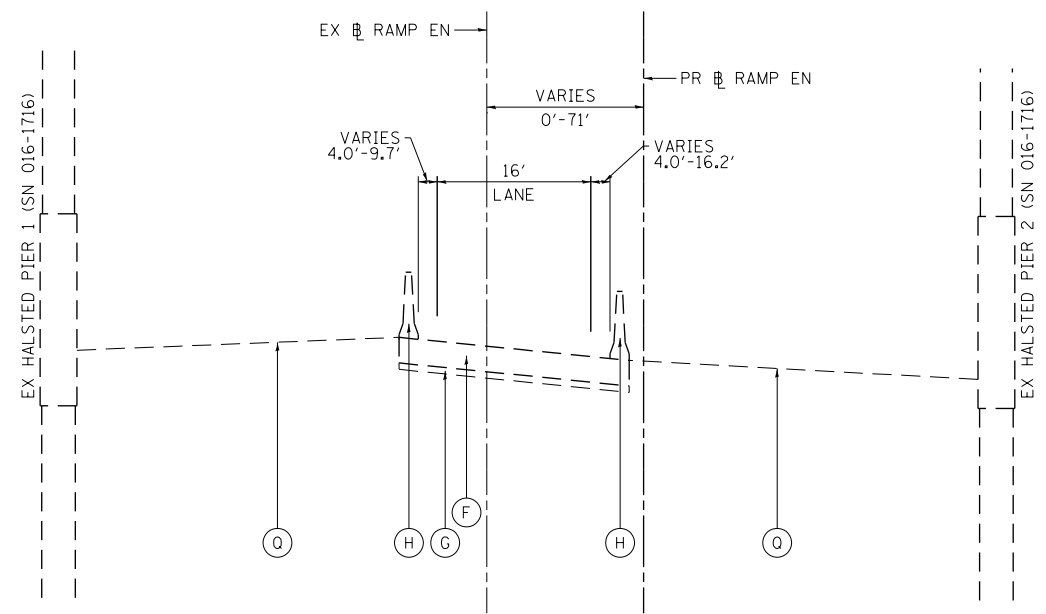
F.A.I. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	30
CONTRACT NO. 60X79			ILLINOIS FED. AID PROJECT	

FILE PATH = p:\61779-PM\T-DESIGN\LINE\LOCAL\FACILITY\60X79-500.dgn

CODE NUMBER	PAY ITEM		TOTAL QUANTITY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	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	
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	10% STATE	
				0004	0004	0010	0010	0044	0044	0044	0044	0021	
URBAN	URBAN	016-1710	016-1712	016-1807	016-1811	016-1813	016-1814	016-1839	URBAN				
X1700072	CONCRETE BARRIER, VERTICAL FACE (SPECIAL)	FOOT	278	278									
X1700077	CONCRETE BARRIER, VARIABLE CROSS-SECTION, VERTICAL FACE (SPECIAL)	FOOT	125	125									

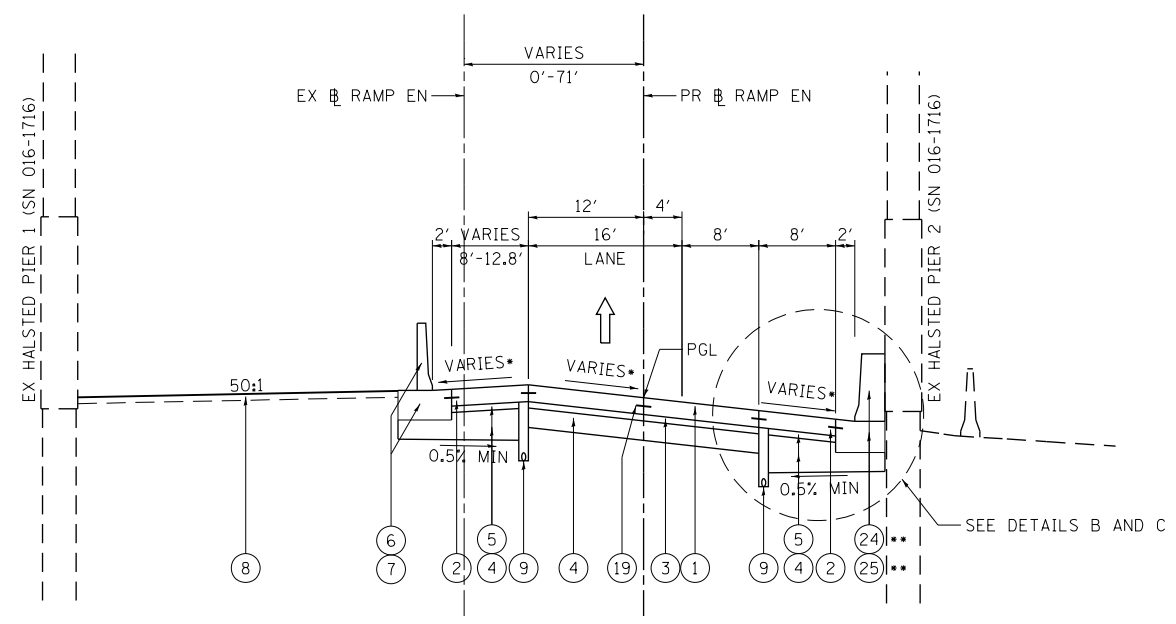
* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM % 0042

	0160X79-shr-500.dgn	DESIGNED - MKW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	USER NAME = mkwilson	DRAWN - MRC	REVISED -						90/94/290	2014-005R&B	COOK	888	30A
	PLOT SCALE = 20.0000' / in.	CHECKED - JMG	REVISED -						CONTRACT NO. 60X79				
PLOT DATE = 7/30/2018	DATE - 7-30-2018	REVISED -	SCALE: NONE SHEET 25A OF 25 SHEETS STA. TO STA.				ILLINOIS FED. AID PROJECT						



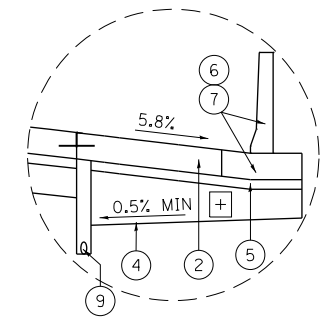
**EXISTING TYPICAL SECTION
(LOOKING EAST)**

EX RAMP EN
STA 14+32.95 TO STA 16+36.83



**PROPOSED TYPICAL SECTION
(LOOKING EAST)**

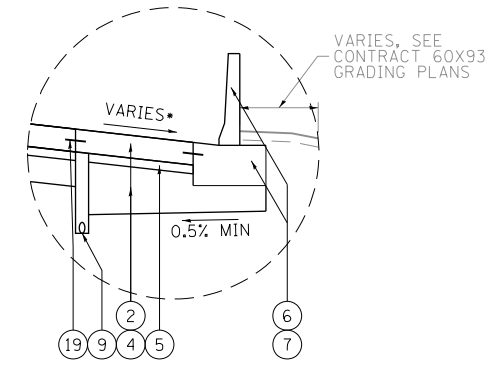
PR RAMP EN
STA 1602+81.84 TO STA 1605+00.00
**STA 1603+54.99 TO STA 1604+46.81



DETAIL A: SUBGRADE DRAINAGE DETAIL

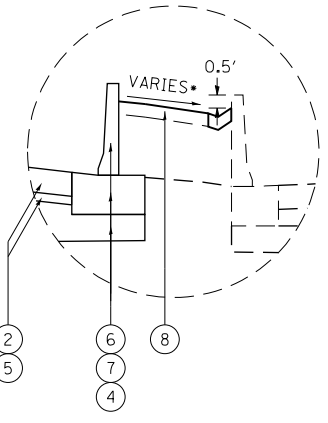
SCALE: NONE
ALL TYPICAL SECTIONS

⊕ 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".



DETAIL B

BARRIER WALL FROM:
STA 1602+81.84 TO STA 1603+54.99
STA 1604+46.61 TO STA 1605+00.00



DETAIL C

BARRIER WALL FROM:
STA 1602+01.48 TO STA 1604+10.44

EXISTING

- (A) HOT-MIX ASPHALT PAVEMENT, 4" TO 7"
- (B) PORTLAND CEMENT CONCRETE PAVEMENT, 7" TO 10"
- (C) GRANULAR SUBBASE, 6"
- (D) HOT-MIX ASPHALT SHOULDERS, 10"
- (E) CONCRETE BARRIER
- (F) TEMPORARY PAVEMENT
- (G) SUBBASE GRANULAR MATERIAL, 4"
- (H) TEMPORARY CONCRETE BARRIER (FROM PREVIOUS CONTRACT)
- (I) CONCRETE GUTTER, TYPE B
- (J) SUBBASE GRANULAR MATERIAL, 12"
- (K) POROUS GRANULAR EMBANKMENT, SPECIAL, 0" TO 30"
- (L) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
- (M) STABILIZED SUBBASE, 4"
- (N) CONTINUOUSLY REINFORCED PCC PAVEMENT, 13"
- (O) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (P) HOT-MIX ASPHALT SHOULDERS, 8"
- (Q) GROUND SURFACE (ASSUME EXISTING 10" TOPSOIL DEPTH)

PROPOSED

- (1) PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)
- (2) PORTLAND CEMENT CONCRETE SHOULDERS 11"
- (3) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- (4) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (5) SUBBASE GRANULAR MATERIAL, TYPE B 4"
- (6) CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT
- (7) CONCRETE BARRIER BASE
- (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 39 FOR DETAILS)
- (11) ITEM NOT USED
- (12) TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)
- (13) COMBINATION CONCRETE CURB & GUTTER, TYPE M-6.24
- (14) PINNING TEMPORARY CONCRETE BARRIER
- (15) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (16) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (17) PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- (18) SUBBASE GRANULAR MATERIAL, TYPE B 8"
- (19) TIE BARS PER STANDARD 420001-08 (INCLUDED IN PRICE FOR BID FOR PCC PAVEMENT, PCC BASE COURSE, AND PCC SHOULDERS OF THICKNESS SPECIFIED) SEE JOINTING PLANS FOR ADDITIONAL INFORMATION
- (20) AGGREGATE SURFACE COURSE, TYPE B 4"
- (21) HOT-MIX ASPHALT MEDIAN SURFACE, 4 INCH
- (22) STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- (23) HOT-MIX ASPHALT SHOULDERS, 6"
- (24) CONCRETE BARRIER, VARIABLE CROSS-SECTION 42" HEIGHT
- (25) CONCRETE BARRIER BASE (SPECIAL NO. 1)
- (26) CONCRETE CURB, TYPE B
- (27) PORTLAND CEMENT CONCRETE PAVEMENT 8"

NOTES:

1. THE MAXIMUM ROLLOVER BETWEEN THE PAVEMENT AND THE SHOULDER ON THE HIGH SIDE OF THE SUPERELEVATION IS 8%.
2. FOR PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED) DETAILS, SEE JOINTING AND SUPERELEVATION PLAN.
3. SEE BARRIER WALL DETAILS FOR ROADWAY BARRIER INFORMATION.

•SEE SUPERELEVATION TRANSITION DETAILS FOR CROSS SLOPES

FILE PATH = p:\61779-PMINT\secomon\line\local\IACOML_D502_MN\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\000_CAD\006_Roadway\Sheets\60X79_Contract\016079-sht-Typical-01.dgn



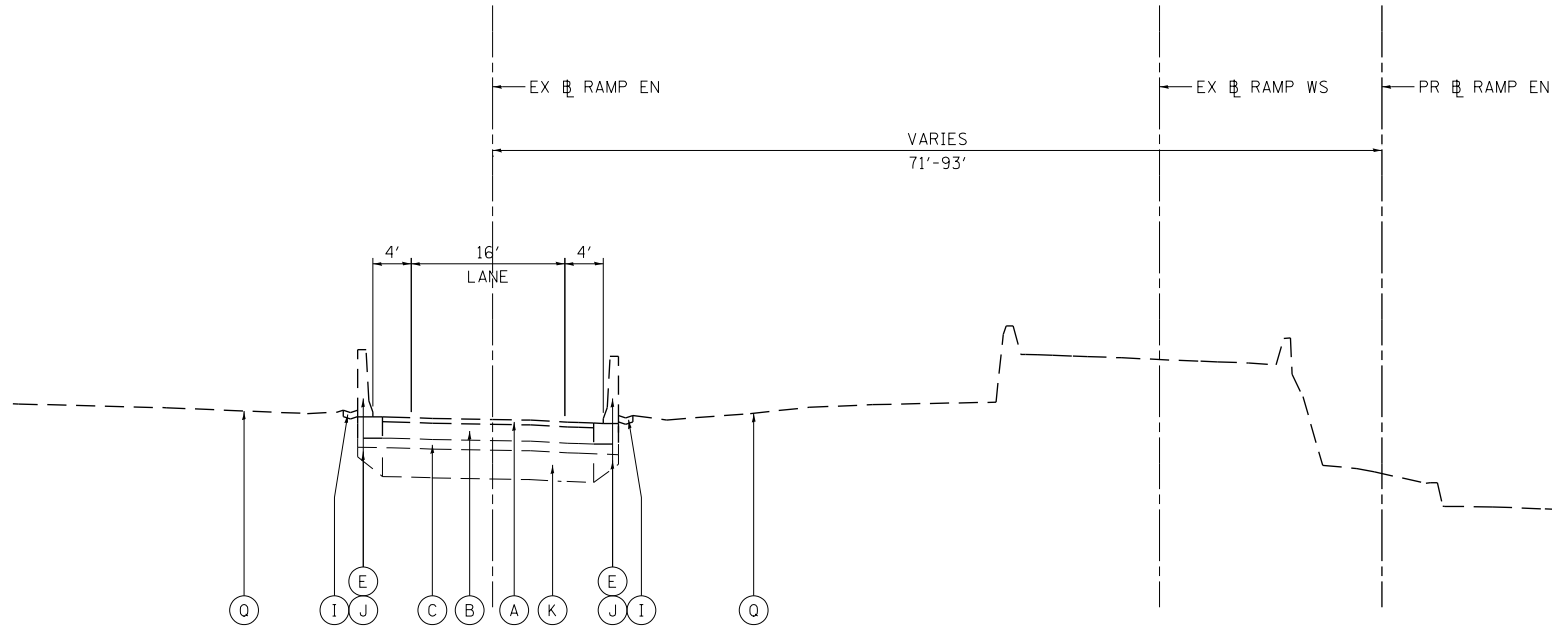
D:\60X79-sht-Typical-01.dgn	DESIGNED - MKW	REVISED -
USER NAME = mkwilson	DRAWN - BMJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/27/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS RAMP EN	
SCALE: NONE	SHEET 1 OF 9 SHEETS
STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	31
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

FILE PATH = p:\6179-P\INT\secomon\line\local\IACOM_0502_M\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\006_CAD\006_Roadway\Sheets\60X79_Contract\016079-sht-Typical-01.dgn



**EXISTING TYPICAL SECTION
(LOOKING SOUTHEAST)**

EX RAMP EN
STA 16+36.83 TO STA 18+88.96

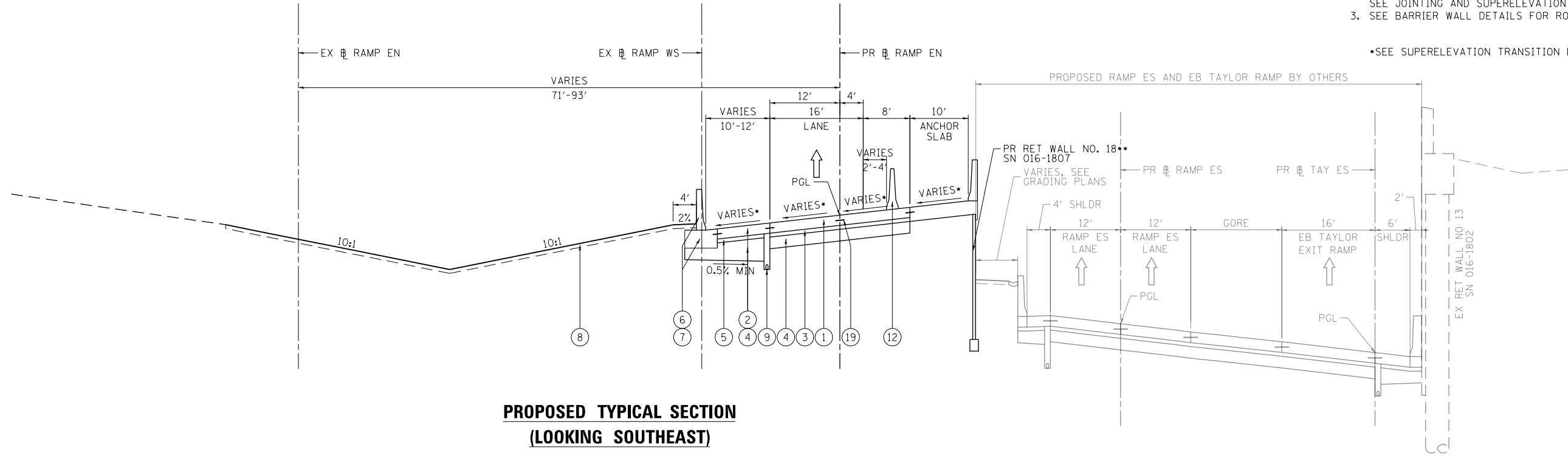
- EXISTING**
- (A) HOT-MIX ASPHALT PAVEMENT, 4" TO 7"
 - (B) PORTLAND CEMENT CONCRETE PAVEMENT, 7" TO 10"
 - (C) GRANULAR SUBBASE, 6"
 - (D) HOT-MIX ASPHALT SHOULDERS, 10"
 - (E) CONCRETE BARRIER
 - (F) TEMPORARY PAVEMENT
 - (G) SUBBASE GRANULAR MATERIAL, 4"
 - (H) TEMPORARY CONCRETE BARRIER (FROM PREVIOUS CONTRACT)
 - (I) CONCRETE GUTTER, TYPE B
 - (J) SUBBASE GRANULAR MATERIAL, 12"
 - (K) POROUS GRANULAR EMBANKMENT, SPECIAL, 0" TO 30"
 - (L) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
 - (M) STABILIZED SUBBASE, 4"
 - (N) CONTINUOUSLY REINFORCED PCC PAVEMENT, 13"
 - (O) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
 - (P) HOT-MIX ASPHALT SHOULDERS, 8"
 - (Q) GROUND SURFACE (ASSUME EXISTING 10" TOPSOIL DEPTH)

- PROPOSED**
- (1) PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)
 - (2) PORTLAND CEMENT CONCRETE SHOULDERS 11"
 - (3) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
 - (4) AGGREGATE SUBGRADE IMPROVEMENT 12"
 - (5) SUBBASE GRANULAR MATERIAL, TYPE B 4"
 - (6) CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT
 - (7) CONCRETE BARRIER BASE
 - (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 39 FOR DETAILS)
 - (11) ITEM NOT USED
 - (12) TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)
 - (13) COMBINATION CONCRETE CURB & GUTTER, TYPE M-6.24
 - (14) PINNING TEMPORARY CONCRETE BARRIER
 - (15) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
 - (16) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
 - (17) PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
 - (18) SUBBASE GRANULAR MATERIAL, TYPE B 8"
 - (19) TIE BARS PER STANDARD 420001-08 (INCLUDED IN PRICE FOR BID FOR PCC PAVEMENT, PCC BASE COURSE, AND PCC SHOULDERS OF THICKNESS SPECIFIED) SEE JOINTING PLANS FOR ADDITIONAL INFORMATION
 - (20) AGGREGATE SURFACE COURSE, TYPE B 4"
 - (21) HOT-MIX ASPHALT MEDIAN SURFACE, 4 INCH
 - (22) STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
 - (23) HOT-MIX ASPHALT SHOULDERS, 6"
 - (24) CONCRETE BARRIER, VARIABLE CROSS-SECTION 42" HEIGHT
 - (25) CONCRETE BARRIER BASE (SPECIAL NO. 1)
 - (26) CONCRETE CURB, TYPE B
 - (27) PORTLAND CEMENT CONCRETE PAVEMENT 8"

NOTES:

1. THE MAXIMUM ROLLOVER BETWEEN THE PAVEMENT AND THE SHOULDER ON THE HIGH SIDE OF THE SUPERELEVATION IS 8%.
2. FOR PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED) DETAILS, SEE JOINTING AND SUPERELEVATION PLAN.
3. SEE BARRIER WALL DETAILS FOR ROADWAY BARRIER INFORMATION.

•SEE SUPERELEVATION TRANSITION DETAILS FOR CROSS SLOPES



**PROPOSED TYPICAL SECTION
(LOOKING SOUTHEAST)**

PR RAMP EN
STA 1605+00.00 TO STA 1607+00.00
**STA 1605+00.00 TO STA 1607+99.89 (WALL 18)



DI60X79-sht-Typical-01.dgn	DESIGNED - MKW	REVISED -
USER NAME = mkwilson	DRAWN - BMJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/27/2018	DATE - 7-30-2018	REVISED -

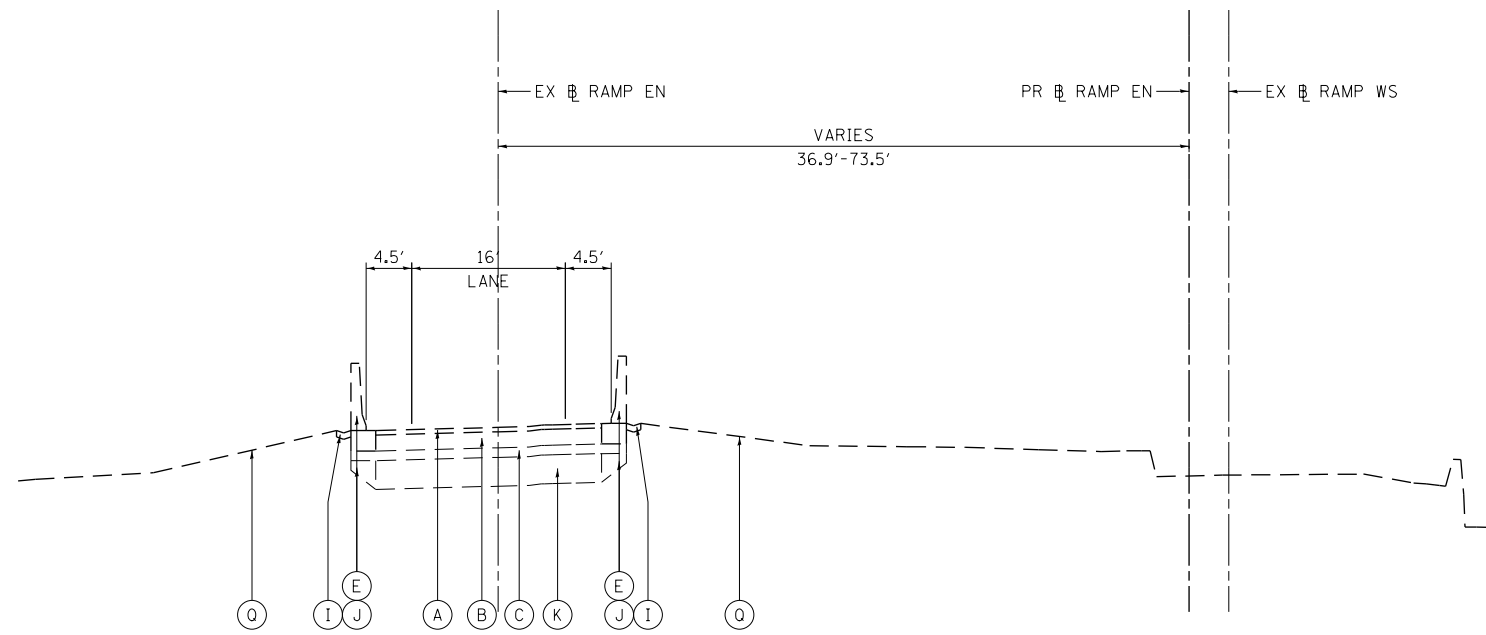
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS
RAMP EN**

SCALE: NONE SHEET 2 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	32
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

FILE PATH = p:\61779-P\INT\secomon\line\local\IACOM_0502_MN\Documents\01_Americas\Transportation\60269938_Circle\Phase 1\000_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-sht-Typical-01.dgn



**EXISTING TYPICAL SECTION
(LOOKING SOUTHEAST)**

EX RAMP EN
STA 18+88.96 TO STA 18+97.74

EXISTING

- (A) HOT-MIX ASPHALT PAVEMENT, 4" TO 7"
- (B) PORTLAND CEMENT CONCRETE PAVEMENT, 7" TO 10"
- (C) GRANULAR SUBBASE, 6"
- (D) HOT-MIX ASPHALT SHOULDERS, 10"
- (E) CONCRETE BARRIER
- (F) TEMPORARY PAVEMENT
- (G) SUBBASE GRANULAR MATERIAL, 4"
- (H) TEMPORARY CONCRETE BARRIER (FROM PREVIOUS CONTRACT)
- (I) CONCRETE GUTTER, TYPE B
- (J) SUBBASE GRANULAR MATERIAL, 12"
- (K) POROUS GRANULAR EMBANKMENT, SPECIAL, 0" TO 30"
- (L) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
- (M) STABILIZED SUBBASE, 4"
- (N) CONTINUOUSLY REINFORCED PCC PAVEMENT, 13"
- (O) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (P) HOT-MIX ASPHALT SHOULDERS, 8"
- (Q) GROUND SURFACE (ASSUME EXISTING 10" TOPSOIL DEPTH)

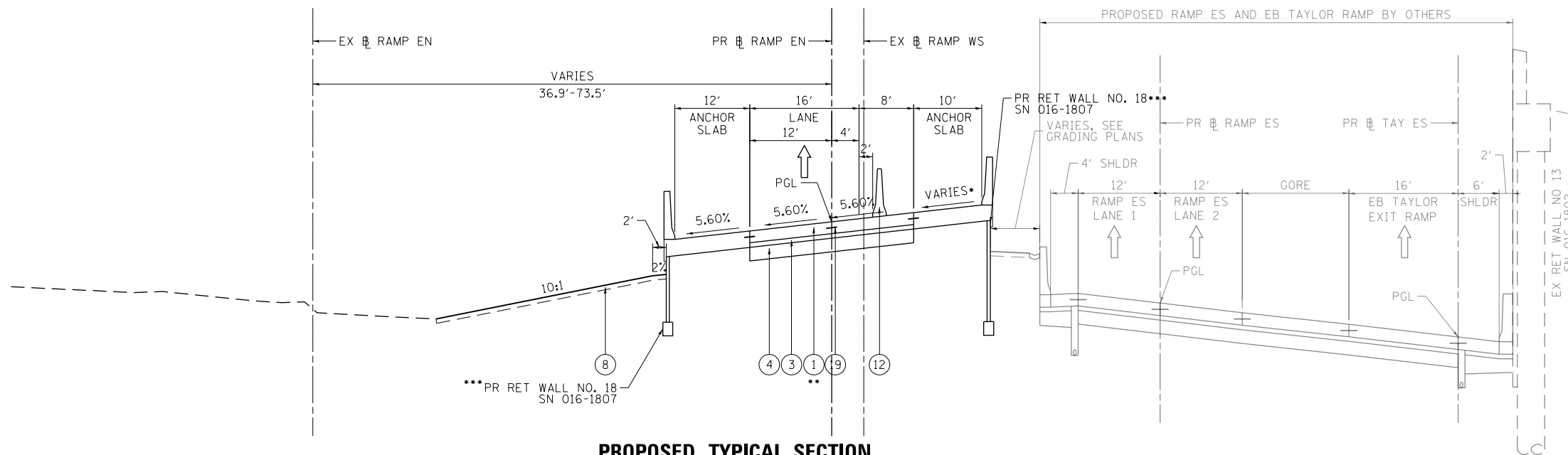
PROPOSED

- (1) PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)
- (2) PORTLAND CEMENT CONCRETE SHOULDERS 11"
- (3) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- (4) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (5) SUBBASE GRANULAR MATERIAL, TYPE B 4"
- (6) CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT
- (7) CONCRETE BARRIER BASE
- (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 39 FOR DETAILS)
- (11) ITEM NOT USED
- (12) TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)
- (13) COMBINATION CONCRETE CURB & GUTTER, TYPE M-6.24
- (14) PINNING TEMPORARY CONCRETE BARRIER
- (15) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (16) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (17) PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- (18) SUBBASE GRANULAR MATERIAL, TYPE B 8"
- (19) TIE BARS PER STANDARD 420001-08 (INCLUDED IN PRICE FOR BID FOR PCC PAVEMENT, PCC BASE COURSE, AND PCC SHOULDERS OF THICKNESS SPECIFIED) SEE JOINTING PLANS FOR ADDITIONAL INFORMATION
- (20) AGGREGATE SURFACE COURSE, TYPE B 4"
- (21) HOT-MIX ASPHALT MEDIAN SURFACE, 4 INCH
- (22) STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- (23) HOT-MIX ASPHALT SHOULDERS, 6"
- (24) CONCRETE BARRIER, VARIABLE CROSS-SECTION 42" HEIGHT
- (25) CONCRETE BARRIER BASE (SPECIAL NO. 1)
- (26) CONCRETE CURB, TYPE B
- (27) PORTLAND CEMENT CONCRETE PAVEMENT 8"

NOTES:

1. THE MAXIMUM ROLLOVER BETWEEN THE PAVEMENT AND THE SHOULDER ON THE HIGH SIDE OF THE SUPERELEVATION IS 8%.
2. FOR PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED) DETAILS, SEE JOINTING AND SUPERELEVATION PLAN.
3. SEE BARRIER WALL DETAILS FOR ROADWAY BARRIER INFORMATION.

*SEE SUPERELEVATION TRANSITION DETAILS FOR CROSS SLOPES



**PROPOSED TYPICAL SECTION
(LOOKING SOUTHEAST)**

PR RAMP EN
STA 1607+00.00 TO STA 1607+63.09
**PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB
STA 1609+47.53 TO STA 1607+63.09
***STA 1605+00.00 TO STA 1607+99.89 (WALL 18)
BRIDGE (SN 016-1712) INCLUDING APPROACH PAVEMENT
STA 1607+63.09 TO STA 1611+36.38



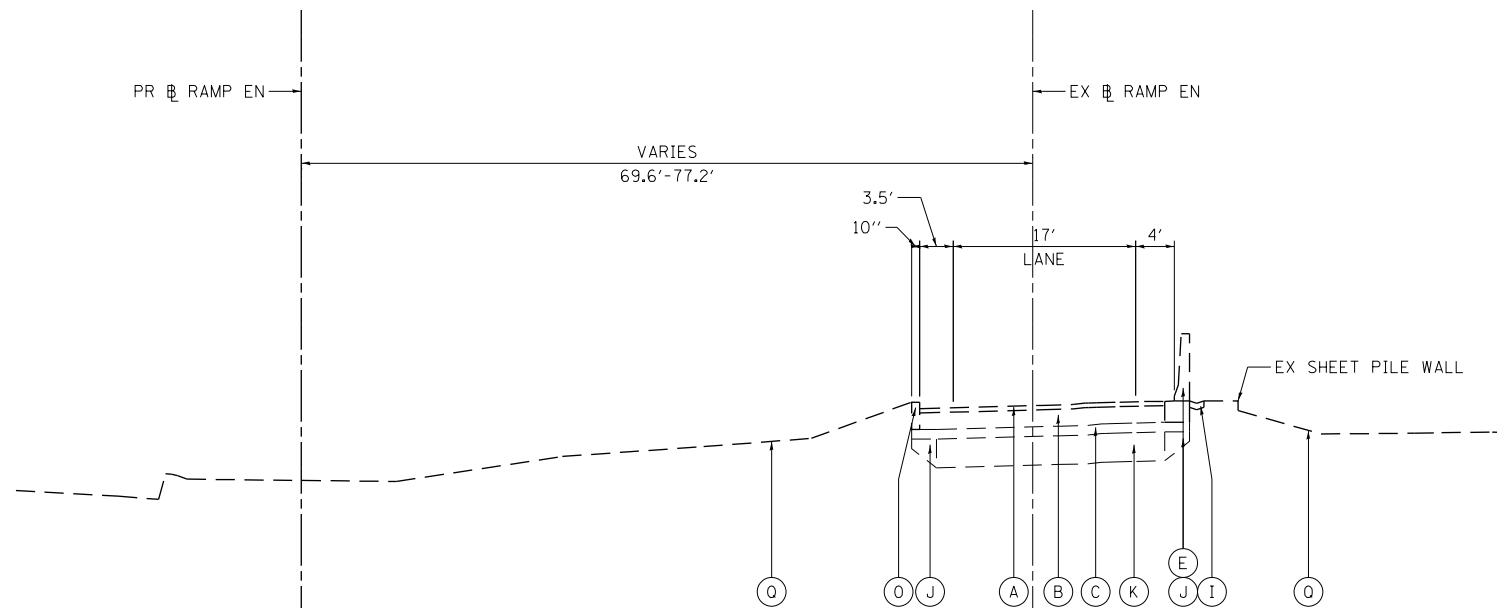
D:\61779-P\INT\secomon\line\local\IACOM_0502_MN\Documents\01_Americas\Transportation\60269938_Circle\Phase 1\000_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-sht-Typical-01.dgn	DESIGNED - MKW	REVISED -
USER NAME = mkwilson	DRAWN - BMJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/27/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS RAMP EN		SCALE: NONE		SHEET 3 OF 9 SHEETS		STA. TO STA.	

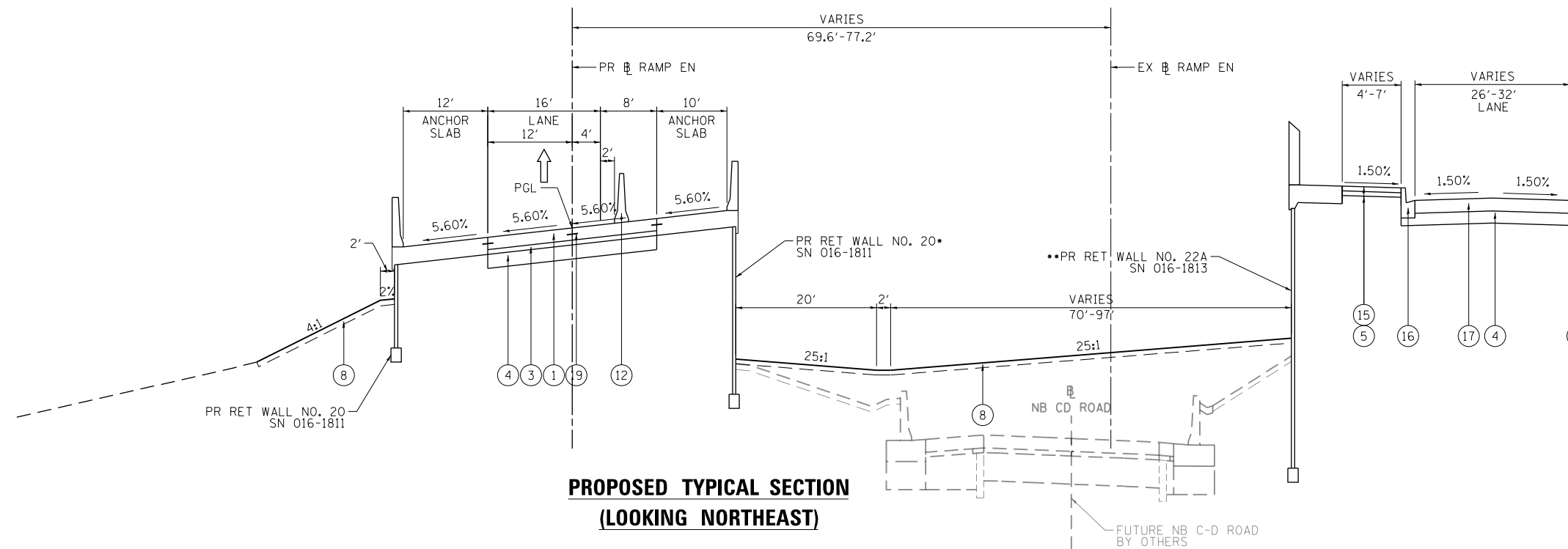
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	33
			CONTRACT NO. 60X79	
ILLINOIS FED. AID PROJECT				

FILE PATH = p:\61779-P\INT\secomon\line\local\IAC\CDM\DS02_MN\Documents\01_Americas\Transportation\60269938_Circle\Phase_11\006_CAD\006_Roadway\Sheets\60X79_Contract\016079-sht-Typical-01.dgn



**EXISTING TYPICAL SECTION
(LOOKING NORTHEAST)**

EX RAMP EN
STA 23+27.87 TO STA 23+62.76



**PROPOSED TYPICAL SECTION
(LOOKING NORTHEAST)**

PR RAMP EN
STA 1611+36.38 TO STA 1611+59.91
PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB
STA 1611+36.38 TO STA 1611+51.93
• STA 1610+99.10 TO STA 1613+50.00
•• STA 1610+95.00 TO STA 1611+59.91 (WALL 22A)

EXISTING

- (A) HOT-MIX ASPHALT PAVEMENT, 4" TO 7"
- (B) PORTLAND CEMENT CONCRETE PAVEMENT, 7" TO 10"
- (C) GRANULAR SUBBASE, 6"
- (D) HOT-MIX ASPHALT SHOULDERS, 10"
- (E) CONCRETE BARRIER
- (F) TEMPORARY PAVEMENT
- (G) SUBBASE GRANULAR MATERIAL, 4"
- (H) TEMPORARY CONCRETE BARRIER (FROM PREVIOUS CONTRACT)
- (I) CONCRETE GUTTER, TYPE B
- (J) SUBBASE GRANULAR MATERIAL, 12"
- (K) POROUS GRANULAR EMBANKMENT, SPECIAL, 0" TO 30"
- (L) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
- (M) STABILIZED SUBBASE, 4"
- (N) CONTINUOUSLY REINFORCED PCC PAVEMENT, 13"
- (O) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (P) HOT-MIX ASPHALT SHOULDERS, 8"
- (Q) GROUND SURFACE (ASSUME EXISTING 10" TOPSOIL DEPTH)

PROPOSED

- (1) PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)
- (2) PORTLAND CEMENT CONCRETE SHOULDERS 11"
- (3) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- (4) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (5) SUBBASE GRANULAR MATERIAL, TYPE B 4"
- (6) CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT
- (7) CONCRETE BARRIER BASE
- (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 39 FOR DETAILS)
- (11) ITEM NOT USED
- (12) TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)
- (13) COMBINATION CONCRETE CURB & GUTTER, TYPE M-6.24
- (14) PINNING TEMPORARY CONCRETE BARRIER
- (15) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (16) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (17) PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- (18) SUBBASE GRANULAR MATERIAL, TYPE B 8"
- (19) TIE BARS PER STANDARD 420001-08 (INCLUDED IN PRICE FOR BID FOR PCC PAVEMENT, PCC BASE COURSE, AND PCC SHOULDERS OF THICKNESS SPECIFIED) SEE JOINTING PLANS FOR ADDITIONAL INFORMATION
- (20) AGGREGATE SURFACE COURSE, TYPE B 4"
- (21) HOT-MIX ASPHALT MEDIAN SURFACE, 4 INCH
- (22) STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- (23) HOT-MIX ASPHALT SHOULDERS, 6"
- (24) CONCRETE BARRIER, VARIABLE CROSS-SECTION 42" HEIGHT
- (25) CONCRETE BARRIER BASE (SPECIAL NO. 1)
- (26) CONCRETE CURB, TYPE B
- (27) PORTLAND CEMENT CONCRETE PAVEMENT 8"

NOTES:

1. THE MAXIMUM ROLLOVER BETWEEN THE PAVEMENT AND THE SHOULDER ON THE HIGH SIDE OF THE SUPERELEVATION IS 8%.
2. FOR PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED) DETAILS, SEE JOINTING AND SUPERELEVATION PLAN.
3. SEE BARRIER WALL DETAILS FOR ROADWAY BARRIER INFORMATION.



D:\60X79-sht-Typical-01.dgn	DESIGNED - MKW	REVISED -
USER NAME = mkwilson	DRAWN - BMJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/27/2018	DATE - 7-30-2018	REVISED -

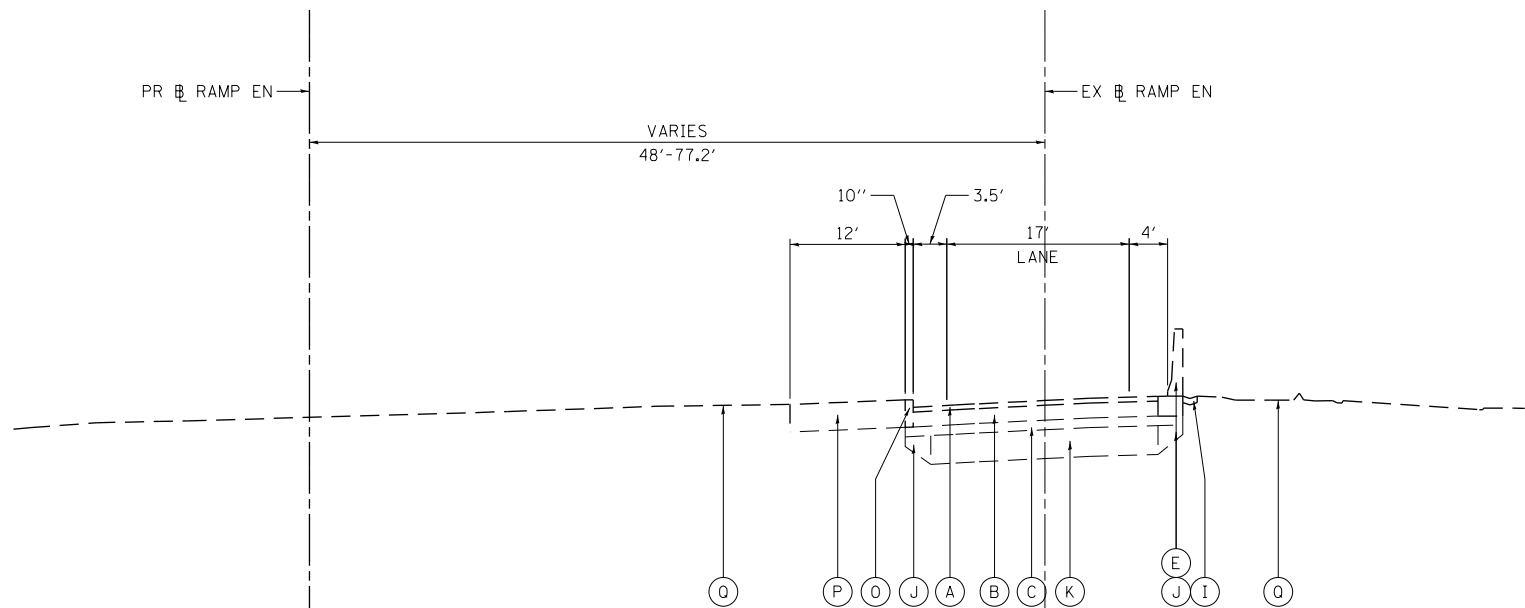
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS
RAMP EN**

SCALE: NONE SHEET 4 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	34
			CONTRACT NO. 60X79	
ILLINOIS FED. AID PROJECT				

FILE PATH = p:\61779-P\INT\secomon\line\local\IACOM\DS02_MH\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\000_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-sht-Typical-01.dgn



**EXISTING TYPICAL SECTION
(LOOKING NORTHEAST)**

EX RAMP EN
STA 23+62.76 TO STA 26+05.29

EXISTING

- (A) HOT-MIX ASPHALT PAVEMENT, 4" TO 7"
- (B) PORTLAND CEMENT CONCRETE PAVEMENT, 7" TO 10"
- (C) GRANULAR SUBBASE, 6"
- (D) HOT-MIX ASPHALT SHOULDERS, 10"
- (E) CONCRETE BARRIER
- (F) TEMPORARY PAVEMENT
- (G) SUBBASE GRANULAR MATERIAL, 4"
- (H) TEMPORARY CONCRETE BARRIER (FROM PREVIOUS CONTRACT)
- (I) CONCRETE GUTTER, TYPE B
- (J) SUBBASE GRANULAR MATERIAL, 12"
- (K) POROUS GRANULAR EMBANKMENT, SPECIAL, 0" TO 30"
- (L) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
- (M) STABILIZED SUBBASE, 4"
- (N) CONTINUOUSLY REINFORCED PCC PAVEMENT, 13"
- (O) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (P) HOT-MIX ASPHALT SHOULDERS, 8"
- (Q) GROUND SURFACE (ASSUME EXISTING 10" TOPSOIL DEPTH)

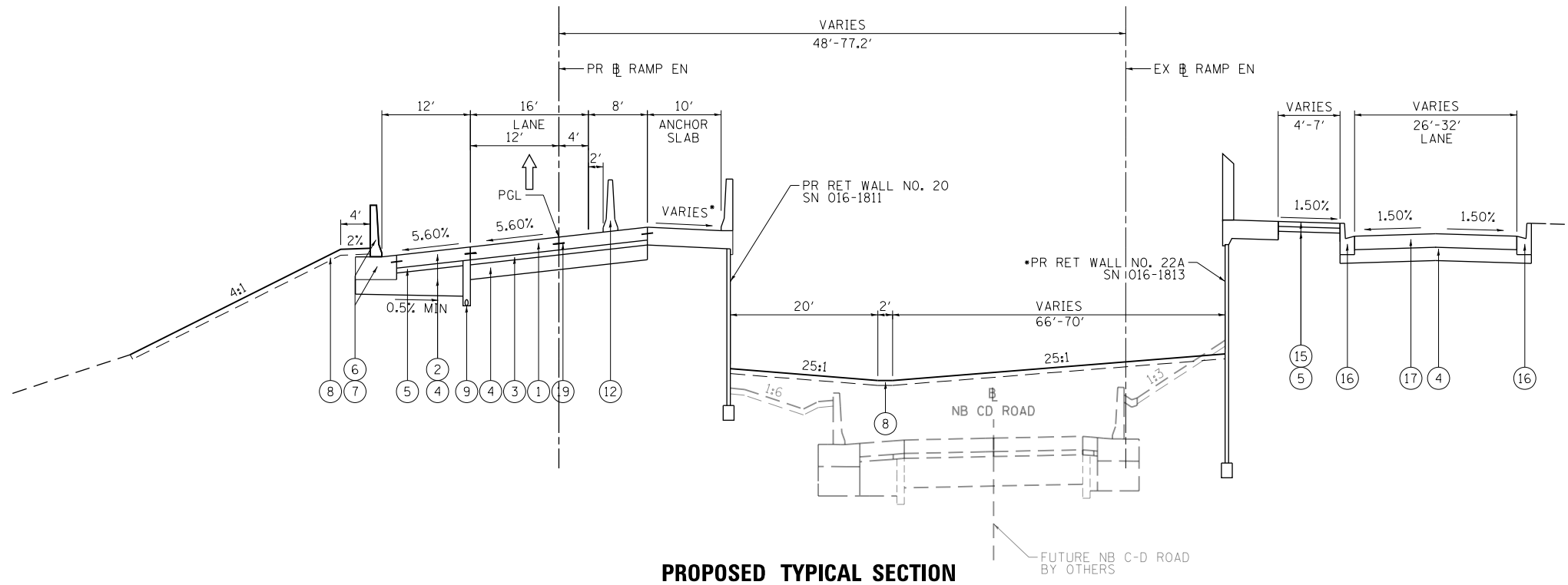
PROPOSED

- (1) PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)
- (2) PORTLAND CEMENT CONCRETE SHOULDERS 11"
- (3) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- (4) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (5) SUBBASE GRANULAR MATERIAL, TYPE B 4"
- (6) CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT
- (7) CONCRETE BARRIER BASE
- (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 39 FOR DETAILS)
- (11) ITEM NOT USED
- (12) TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)
- (13) COMBINATION CONCRETE CURB & GUTTER, TYPE M-6.24
- (14) PINNING TEMPORARY CONCRETE BARRIER
- (15) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (16) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (17) PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- (18) SUBBASE GRANULAR MATERIAL, TYPE B 8"
- (19) TIE BARS PER STANDARD 420001-08 (INCLUDED IN PRICE FOR BID FOR PCC PAVEMENT, PCC BASE COURSE, AND PCC SHOULDERS OF THICKNESS SPECIFIED) SEE JOINTING PLANS FOR ADDITIONAL INFORMATION
- (20) AGGREGATE SURFACE COURSE, TYPE B 4"
- (21) HOT-MIX ASPHALT MEDIAN SURFACE, 4 INCH
- (22) STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- (23) HOT-MIX ASPHALT SHOULDERS, 6"
- (24) CONCRETE BARRIER, VARIABLE CROSS-SECTION 42" HEIGHT
- (25) CONCRETE BARRIER BASE (SPECIAL NO. 1)
- (26) CONCRETE CURB, TYPE B
- (27) PORTLAND CEMENT CONCRETE PAVEMENT 8"

NOTES:

1. THE MAXIMUM ROLLOVER BETWEEN THE PAVEMENT AND THE SHOULDER ON THE HIGH SIDE OF THE SUPERELEVATION IS 8%.
2. FOR PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED) DETAILS, SEE JOINTING AND SUPERELEVATION PLAN.
3. SEE BARRIER WALL DETAILS FOR ROADWAY BARRIER INFORMATION.

•SEE SUPERELEVATION TRANSITION DETAILS FOR CROSS SLOPES



**PROPOSED TYPICAL SECTION
(LOOKING NORTHEAST)**

PR RAMP EN
STA 1611+59.91 TO STA 1613+88.64
*STA 1611+59.91 TO STA 1612+59.88 (WALL 22A)



DI60X79-sht-Typical-01.dgn	DESIGNED - MKW	REVISED -
USER NAME = mkwilson	DRAWN - BMJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/27/2018	DATE - 7-30-2018	REVISED -

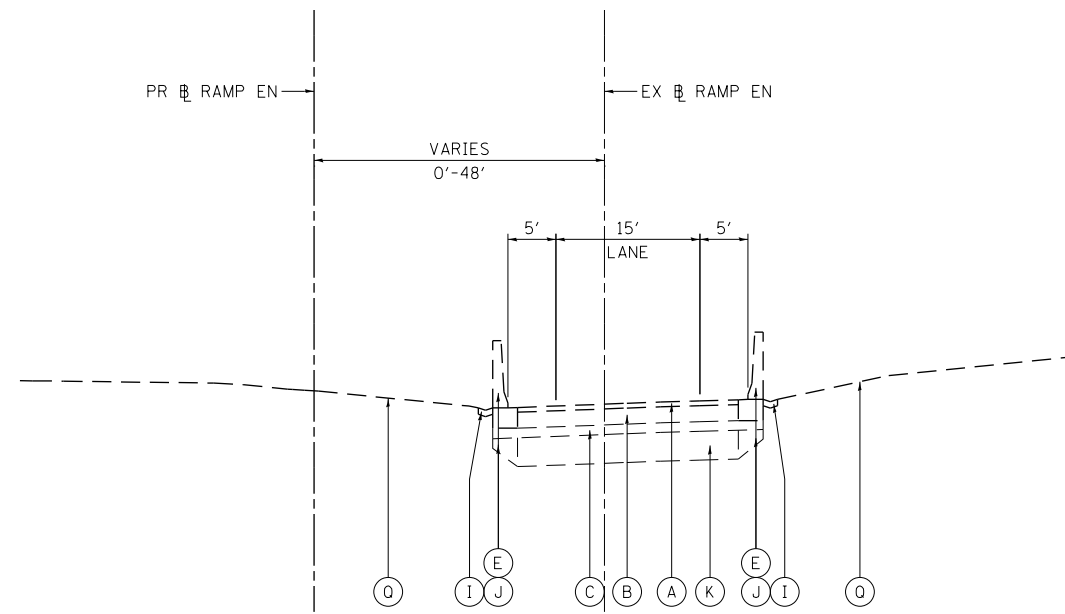
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS
RAMP EN**

SCALE: NONE SHEET 5 OF 9 SHEETS STA. TO STA.

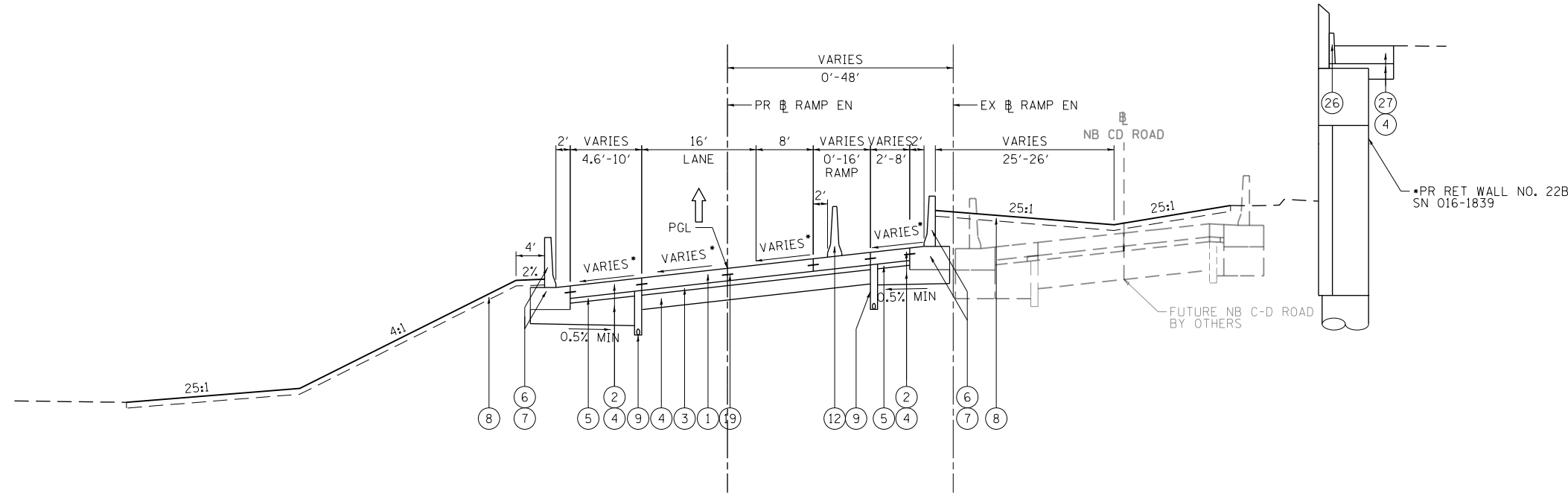
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	35
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

FILE PATH = p:\61779-PMINT\secomon\line\local\IACOM\DS02_MH\Documents\01_Americas\Transportation\60269938_Circle\Phase_11\000_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-sht-Typical-01.dgn



**EXISTING TYPICAL SECTION
(LOOKING NORTH)**

EX RAMP EN
STA 26+05.29 TO STA 30+48.66



**PROPOSED TYPICAL SECTION
(LOOKING NORTH)**

PR RAMP EN
STA 1613+88.64.00 TO STA 1617+70.00
*STA 1616+11.52 TO STA 1617+70.00 (WALL 22B)

EXISTING

- (A) HOT-MIX ASPHALT PAVEMENT, 4" TO 7"
- (B) PORTLAND CEMENT CONCRETE PAVEMENT, 7" TO 10"
- (C) GRANULAR SUBBASE, 6"
- (D) HOT-MIX ASPHALT SHOULDERS, 10"
- (E) CONCRETE BARRIER
- (F) TEMPORARY PAVEMENT
- (G) SUBBASE GRANULAR MATERIAL, 4"
- (H) TEMPORARY CONCRETE BARRIER (FROM PREVIOUS CONTRACT)
- (I) CONCRETE GUTTER, TYPE B
- (J) SUBBASE GRANULAR MATERIAL, 12"
- (K) POROUS GRANULAR EMBANKMENT, SPECIAL, 0" TO 30"
- (L) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
- (M) STABILIZED SUBBASE, 4"
- (N) CONTINUOUSLY REINFORCED PCC PAVEMENT, 13"
- (O) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (P) HOT-MIX ASPHALT SHOULDERS, 8"
- (Q) GROUND SURFACE (ASSUME EXISTING 10" TOPSOIL DEPTH)

PROPOSED

- (1) PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)
- (2) PORTLAND CEMENT CONCRETE SHOULDERS 11"
- (3) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- (4) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (5) SUBBASE GRANULAR MATERIAL, TYPE B 4"
- (6) CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT
- (7) CONCRETE BARRIER BASE
- (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 39 FOR DETAILS)
- (11) ITEM NOT USED
- (12) TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)
- (13) COMBINATION CONCRETE CURB & GUTTER, TYPE M-6.24
- (14) PINNING TEMPORARY CONCRETE BARRIER
- (15) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (16) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (17) PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- (18) SUBBASE GRANULAR MATERIAL, TYPE B 8"
- (19) TIE BARS PER STANDARD 420001-08 (INCLUDED IN PRICE FOR BID FOR PCC PAVEMENT, PCC BASE COURSE, AND PCC SHOULDERS OF THICKNESS SPECIFIED) SEE JOINTING PLANS FOR ADDITIONAL INFORMATION
- (20) AGGREGATE SURFACE COURSE, TYPE B 4"
- (21) HOT-MIX ASPHALT MEDIAN SURFACE, 4 INCH
- (22) STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- (23) HOT-MIX ASPHALT SHOULDERS, 6"
- (24) CONCRETE BARRIER, VARIABLE CROSS-SECTION 42" HEIGHT
- (25) CONCRETE BARRIER BASE (SPECIAL NO. 1)
- (26) CONCRETE CURB, TYPE B
- (27) PORTLAND CEMENT CONCRETE PAVEMENT 8"

NOTES:

1. THE MAXIMUM ROLLOVER BETWEEN THE PAVEMENT AND THE SHOULDER ON THE HIGH SIDE OF THE SUPERELEVATION IS 8%.
2. FOR PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED) DETAILS, SEE JOINTING AND SUPERELEVATION PLAN.
3. SEE BARRIER WALL DETAILS FOR ROADWAY BARRIER INFORMATION.

*SEE SUPERELEVATION TRANSITION DETAILS FOR CROSS SLOPES



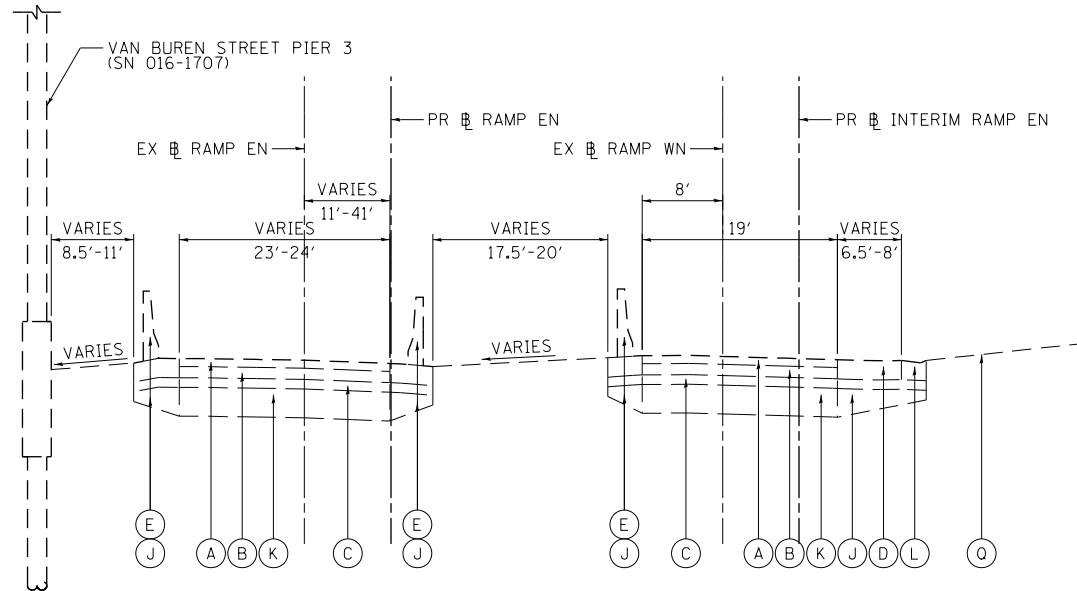
DI60X79-sht-Typical-01.dgn	DESIGNED - MKW	REVISED -
USER NAME = mkwilson	DRAWN - BMJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/27/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS RAMP EN	
SCALE: NONE	SHEET 6 OF 9 SHEETS
STA.	TO STA.

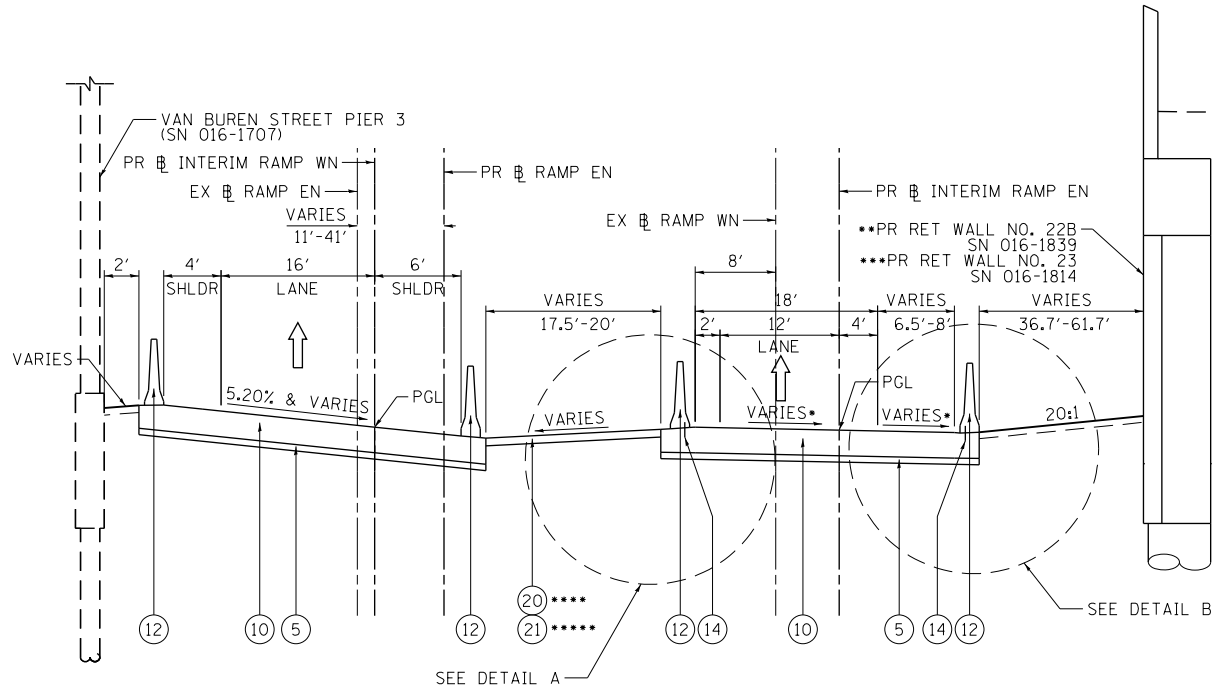
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	36
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

FILE PATH = p:\61779-P\INT\secomon\line\local\IACOM\DS02_MH\Documents\01_Americas\Transportation\60269938_Circle\Phase_11\000_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-sht-Typical-01.dgn



**EXISTING TYPICAL SECTION
(LOOKING NORTHWEST)**

EX RAMP EN
STA 30+48.66 TO STA 33+23.76



**PROPOSED TYPICAL SECTION
(LOOKING NORTHWEST)**

PR INTERIM RAMP WN
STA 2105+76.20 TO STA 2108+25.42

PR RAMP EN
STA 1617+70.00 TO STA 1620+26.68
**STA 1617+70.00 TO STA 1618+20.85 (WALL 22B)
***STA 1619+30.94 TO STA 1620+26.68 (WALL 23)

PR INTERIM RAMP EN
STA 3617+70.00 TO STA 3620+25.00
**STA 3617+70.00 TO STA 3618+18.00 (WALL 22B)
***STA 3619+37.62 TO STA 3620+25.00 (WALL 23)
****STA 3618+79.53 TO STA 3619+41.34
*****STA 3619+41.34 TO STA 3620+25.00

EXISTING

- (A) HOT-MIX ASPHALT PAVEMENT, 4" TO 7"
- (B) PORTLAND CEMENT CONCRETE PAVEMENT, 7" TO 10"
- (C) GRANULAR SUBBASE, 6"
- (D) HOT-MIX ASPHALT SHOULDERS, 10"
- (E) CONCRETE BARRIER
- (F) TEMPORARY PAVEMENT
- (G) SUBBASE GRANULAR MATERIAL, 4"
- (H) TEMPORARY CONCRETE BARRIER (FROM PREVIOUS CONTRACT)
- (I) CONCRETE GUTTER, TYPE B
- (J) SUBBASE GRANULAR MATERIAL, 12"
- (K) POROUS GRANULAR EMBANKMENT, SPECIAL, 0" TO 30"
- (L) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
- (M) STABILIZED SUBBASE, 4"
- (N) CONTINUOUSLY REINFORCED PCC PAVEMENT, 13"
- (O) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (P) HOT-MIX ASPHALT SHOULDERS, 8"
- (Q) GROUND SURFACE (ASSUME EXISTING 10" TOPSOIL DEPTH)

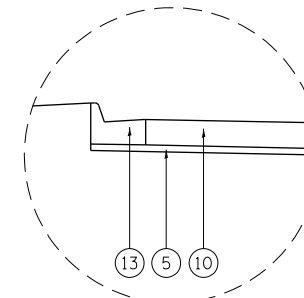
PROPOSED

- (1) PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)
- (2) PORTLAND CEMENT CONCRETE SHOULDERS 11"
- (3) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- (4) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (5) SUBBASE GRANULAR MATERIAL, TYPE B 4"
- (6) CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT
- (7) CONCRETE BARRIER BASE
- (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 39 FOR DETAILS)
- (11) ITEM NOT USED
- (12) TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)
- (13) COMBINATION CONCRETE CURB & GUTTER, TYPE M-6.24
- (14) PINNING TEMPORARY CONCRETE BARRIER
- (15) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (16) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (17) PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- (18) SUBBASE GRANULAR MATERIAL, TYPE B 8"
- (19) TIE BARS PER STANDARD 420001-08 (INCLUDED IN PRICE FOR BID FOR PCC PAVEMENT, PCC BASE COURSE, AND PCC SHOULDERS OF THICKNESS SPECIFIED) SEE JOINTING PLANS FOR ADDITIONAL INFORMATION
- (20) AGGREGATE SURFACE COURSE, TYPE B 4"
- (21) HOT-MIX ASPHALT MEDIAN SURFACE, 4 INCH
- (22) STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- (23) HOT-MIX ASPHALT SHOULDERS, 6"
- (24) CONCRETE BARRIER, VARIABLE CROSS-SECTION 42" HEIGHT
- (25) CONCRETE BARRIER BASE (SPECIAL NO. 1)
- (26) CONCRETE CURB, TYPE B
- (27) PORTLAND CEMENT CONCRETE PAVEMENT 8"

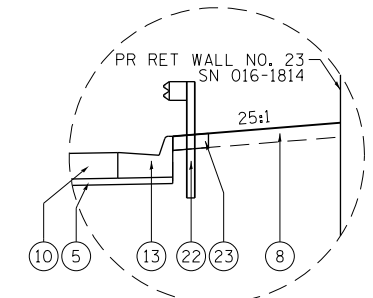
NOTES:

1. THE MAXIMUM ROLLOVER BETWEEN THE PAVEMENT AND THE SHOULDER ON THE HIGH SIDE OF THE SUPERELEVATION IS 8%.
2. FOR PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED) DETAILS, SEE JOINTING AND SUPERELEVATION PLAN.
3. SEE BARRIER WALL DETAILS FOR ROADWAY BARRIER INFORMATION.

•SEE SUPERELEVATION TRANSITION DETAILS FOR CROSS SLOPES



DETAIL A
PR RAMP EN
STA 1619+48.12 TO STA 1620+26.68



DETAIL B
PR RAMP EN
STA 19+44.48 TO STA 22+28.59



D:\61779-P\INT\secomon\line\local\IACOM\DS02_MH\Documents\01_Americas\Transportation\60269938_Circle\Phase_11\000_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-sht-Typical-01.dgn	DESIGNED - MKW	REVISED -
USER NAME = mkwilson	DRAWN - BMJ	REVISED -
PLOT SCALE = 20.0000' / 1"	CHECKED - JMG	REVISED -
PLOT DATE = 7/27/2018	DATE - 7-30-2018	REVISED -

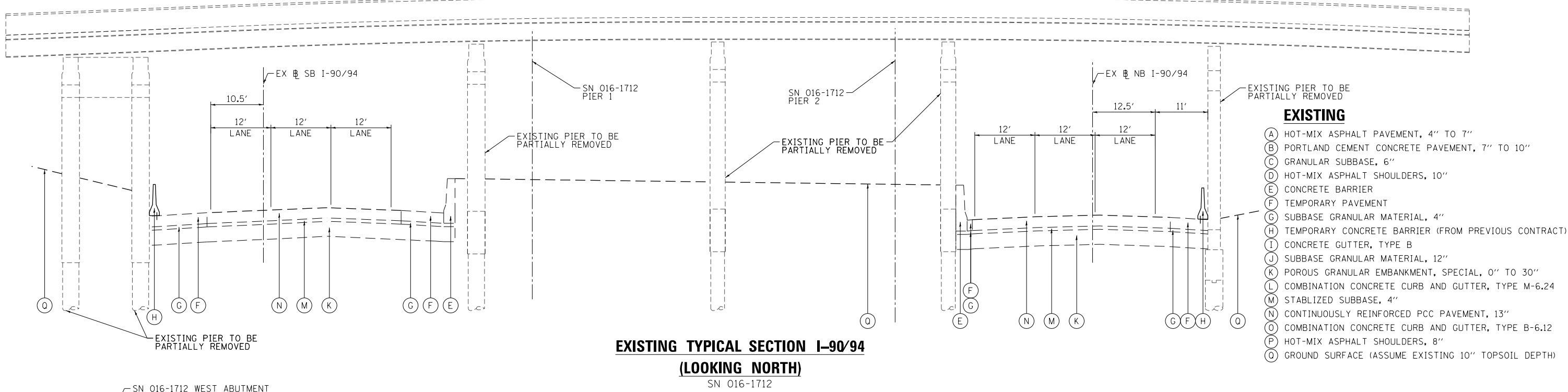
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS
RAMP EN**

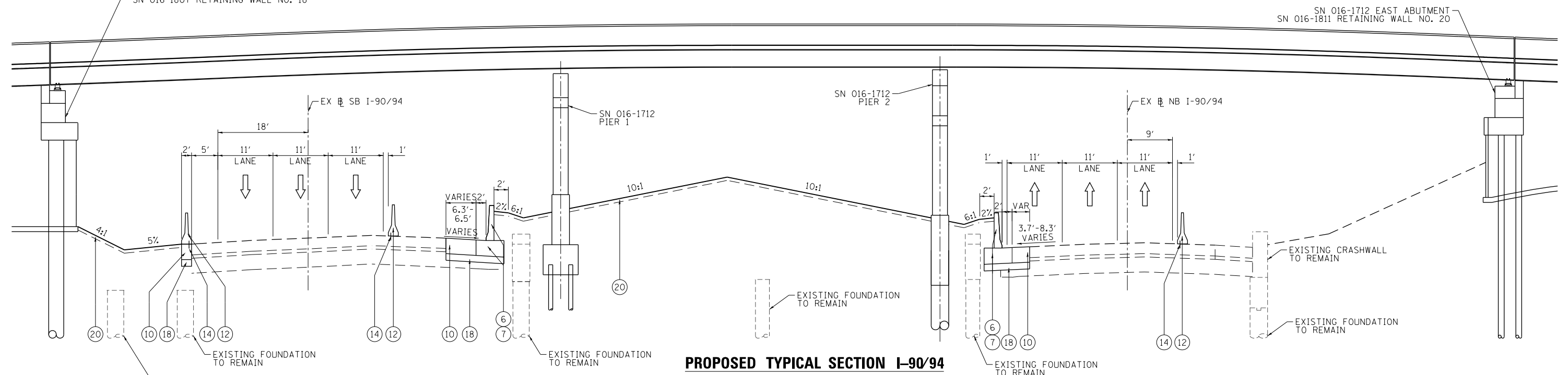
SCALE: NONE SHEET 7 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	37
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X79	

FILE PATH = p:\617479-P\INT\ascom\line\local\I-90\I-90-006-Roadway\Sheets\60X79-Contract\0160X79-sht-Typical-01.dgn



EXISTING TYPICAL SECTION I-90/94
(LOOKING NORTH)
SN 016-1712



PROPOSED TYPICAL SECTION I-90/94
(LOOKING NORTH)
SN 016-1712

- PROPOSED**
- ① PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)
 - ② PORTLAND CEMENT CONCRETE SHOULDERS 11"
 - ③ STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
 - ④ AGGREGATE SUBGRADE IMPROVEMENT 12"
 - ⑤ SUBBASE GRANULAR MATERIAL, TYPE B 4"
 - ⑥ CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT
 - ⑦ CONCRETE BARRIER BASE
 - 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 39 FOR DETAILS)
- ⑪ ITEM NOT USED
- ⑫ TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)
- ⑬ COMBINATION CONCRETE CURB & GUTTER, TYPE M-6.24
- ⑭ PINNING TEMPORARY CONCRETE BARRIER
- ⑮ PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- ⑯ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑰ PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- ⑱ SUBBASE GRANULAR MATERIAL, TYPE B 8"
- ⑲ TIE BARS PER STANDARD 420001-08 (INCLUDED IN PRICE FOR BID FOR PCC PAVEMENT, PCC BASE COURSE, AND PCC SHOULDERS OF THICKNESS SPECIFIED) SEE JOINTING PLANS FOR ADDITIONAL INFORMATION

- ⑳ AGGREGATE SURFACE COURSE, TYPE B 4"
- ㉑ HOT-MIX ASPHALT MEDIAN SURFACE, 4 INCH
- ㉒ STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- ㉓ HOT-MIX ASPHALT SHOULDERS, 6"
- ㉔ CONCRETE BARRIER, VARIABLE CROSS-SECTION 42" HEIGHT
- ㉕ CONCRETE BARRIER BASE (SPECIAL NO. 1)
- ㉖ CONCRETE CURB, TYPE B
- ㉗ PORTLAND CEMENT CONCRETE PAVEMENT 8"

- NOTES:**
1. THE MAXIMUM ROLLOVER BETWEEN THE PAVEMENT AND THE SHOULDER ON THE HIGH SIDE OF THE SUPERELEVATION IS 8%.
 2. FOR PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED) DETAILS, SEE JOINTING AND SUPERELEVATION PLAN.
 3. SEE BARRIER WALL DETAILS FOR ROADWAY BARRIER INFORMATION.



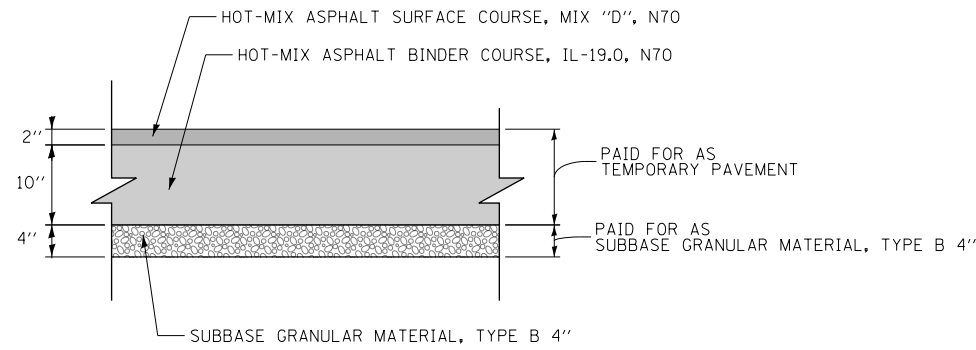
D:\60X79-sht-Typical-01.dgn	DESIGNED - MKW	REVISED -
USER NAME = mkwilson	DRAWN - BMJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/27/2018	DATE - 7-30-2018	REVISED -

STATE OF ILLINOIS	TYPICAL SECTIONS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DEPARTMENT OF TRANSPORTATION	I-90/94	90/94/290	2014-005R&B	COOK	888	38
		SCALE: NONE		SHEET 8 OF 9 SHEETS		STA. TO STA.
		ILLINOIS FED. AID PROJECT				

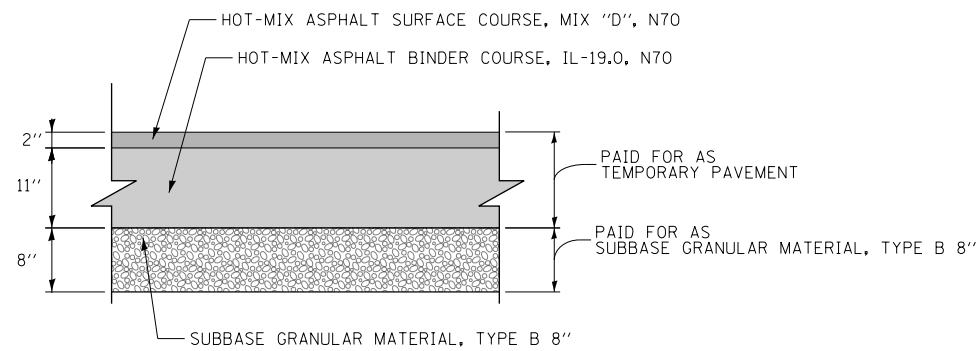
CONTRACT NO. 60X79

TEMPORARY PAVEMENT DETAILS:

DETAIL A: FULL DEPTH TEMPORARY HMA PAVEMENT

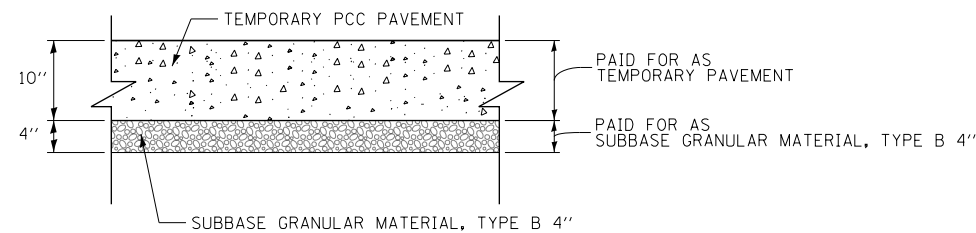


TEMPORARY HMA PAVEMENT FOR RAMP EN

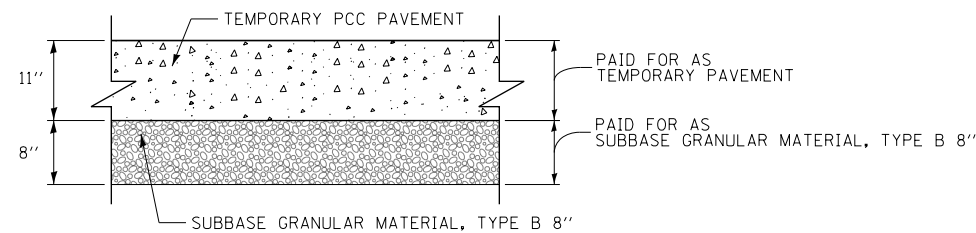


TEMPORARY HMA PAVEMENT FOR I-90/94

DETAIL B: TEMPORARY PCC PAVEMENT



TEMPORARY PCC PAVEMENT FOR RAMP EN



TEMPORARY PCC PAVEMENT FOR I-90/94

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	OFFSET LEFT	OFFSET RIGHT	DEPTH (IN)	AGGREGATE SUBGRADE IMPROVEMENT (CU YD)	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (SQ YD)
RAMP EN	1613+89	1617+70	27.6 FT	25.6 FT	24	1,510	2,435
ALLOWANCE FOR OTHER AREAS (10% OF AREA ASSUMED)	SEE NOTE 4				24	87	130
					TOTAL	1,597	2,565

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.
4. A QUANTITY OF AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. 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. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC AND/OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 (04/01/2016) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE CURRENT IDOT SUBGRADE STABILITY MANUAL. 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.

HOT MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS (%) @NDES	QMP
PAVEMENT RECONSTRUCTION		
RAMP EN		
STABILIZED SUBBASE - HOT-MIX ASPHALT, 4" (HMA BINDER IL-19MM)	3% @ 50 GYR	QC/QA
TEMPORARY PAVEMENT (IF HMA OPTION IS SELECTED BY CONTRACTOR)		
I-90/94		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL-9.5 MM): 2"	4% @ 70 GYR	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70: 11" (IN 4 LIFTS)	4% @ 70 GYR	QC/QA
RAMP EN		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL-9.5 MM): 2"	4% @ 70 GYR	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70: 10" (IN 4 LIFTS)	4% @ 70 GYR	QC/QA
GUARDRAIL STABILIZATION		
HOT-MIX ASPHALT SHOULDERS, 6" (HMA BINDER IL-19MM)	4% @ 70 GYR	QC/QA
PAVEMENT PATCHING		
DES PLAINES STREET (CDOT)		
HOT-MIX ASPHALT REPLACEMENT OVER PATCHES (HMA SURFACE COURSE, MIX "D", N70, (IL-9.5mm): 4" (IN 2 LIFTS)	4% @ 70 GYR	QC/QA
PAVEMENT RESURFACING		
HOT-MIX ASPHALT MEDIAN SURFACE COURSE, MIX "D", N70 (IL-9.5 MM): 4"	4% @ 70 GYR	QC/QA
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP)		

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

FILE PATH = p:\61779-P\INT\ascom\line\local\IAC\CDM\DS02_MH\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\000_CAD\006_Roadway\Sheets\60X79-sht-Typical-01.dgn



DI60X79-sht-Typical-01.dgn	DESIGNED - MKW	REVISED -
USER NAME = ml-roe	DRAWN - BMJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 9/10/2018	DATE - 9-10-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS			
RAMP EN			
SCALE: NONE	SHEET 9	OF 9 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	39
				CONTRACT NO. 60X79
ILLINOIS FED. AID PROJECT				

REMOVAL SCHEDULE

LOCATION	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (OVER 15 UNITS DIAMETER)	TREE TRUNK PROTECTION	TREE ROOT PRUNING	PAVEMENT REMOVAL	DRIVEWAY PAVEMENT REMOVAL	GUTTER REMOVAL	COMBINATION CURB AND GUTTER REMOVAL	SIDEWALK REMOVAL	CONCRETE BARRIER REMOVAL	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 4"	MEDIAN REMOVAL	PAVED SHOULDER REMOVAL	GUARDRAIL REMOVAL	REMOVE TEMPORARY CONCRETE BARRIER, STATE OWNED	REMOVE IMPACT ATTENUATOR AND SALVAGE	CHAIN LINK FENCE REMOVAL	APPROACH SLAB REMOVAL	FENCE REMOVAL	
	UNIT	UNIT	EACH	EACH	SQ YD	SQ YD	FOOT	FOOT	SQ FT	FOOT	SQ YD	SQ FT	SQ YD	FOOT	FOOT	EACH	FOOT	SQ YD	FOOT	
1600+00 TO 1602+00	-	-	20	20	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1602+00 TO 1607+50	-	-	-	-	1,579	-	338	-	-	369	-	-	-	-	600	1	-	57	-	-
1607+50 TO 1613+00	8	-	-	-	517	-	187	248	-	223	-	-	-	-	61	2	-	72	-	-
1613+00 TO 1618+50	24	26	-	-	1,760	-	1,024	171	-	1,243	-	-	38	120	40	-	-	60	-	-
1618+50 TO 1624+00	188	106	-	-	791	-	168	541	-	262	-	1,424	46	182	-	-	-	-	-	-
1608+00 TO 1611+50	-	-	-	-	35	-	-	-	-	413	-	-	190	-	-	-	-	-	-	-
NB I-90/94 15+50 TO 17+50	-	-	-	-	-	-	-	22	-	-	-	-	7	-	-	-	-	-	-	-
SB I-90/94 16+00 TO 21+50	-	-	-	-	62	-	-	-	-	30	-	-	9	-	-	-	-	-	-	-
CTA BUS TURNAROUND	40	-	-	-	670	-	-	417	1,676	-	10	-	-	-	-	-	65	-	277	-
PUMP STATION	12	21	-	-	-	162	-	148	520	-	9	1,619	-	-	-	-	170	-	200	-
TOTAL	272	153	20	20	5,417	162	1,717	1,547	2,196	2,540	19	3,043	290	302	701	3	235	189	477	-

FILE PATH = p:\61779-P\INT\secomon\line\local\BECOM_0502_NA\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\006_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-sht-Schedule-01.dgn



D:\61779-P\INT\secomon\line\local\BECOM_0502_NA\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\006_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-sht-Schedule-01.dgn
 USER NAME = ml-ro
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 9/10/2018

DESIGNED - MKW
 DRAWN - BMJ
 CHECKED - JMG
 DATE - 9-10-2018
 REVISED -
 REVISED -
 REVISED -
 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	2014-005R&B	COOK	888	40
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X79	

ROADWAY SCHEDULE

LOCATION	AGGREGATE SUBGRADE IMPROVEMENT		AGGREGATE SUBGRADE IMPROVEMENT 12'		SUBBASE GRANULAR MATERIAL, TYPE B 4"		SUBBASE GRANULAR MATERIAL, TYPE B, 8"		STABILIZED SUBBASE HOT MIX ASPHALT, 4"		HOT-MIX ASPHALT REPLACEMENT OVER PATCHES		PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB		PORTLAND CEMENT CONCRETE PAVEMENT 8"		PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED)		PORTLAND CEMENT CONCRETE PAVEMENT, 11" (JOINTED)		PROTECTIVE COAT		PORTLAND CEMENT CONCRETE SIDEWALK 5"		CLASS B PATCHES, TYPE IV, 9 INCH		HOT-MIX ASPHALT SHOULDERS, 6"		PORTLAND CEMENT CONCRETE SHOULDERS, 11"		CONCRETE CURB, TYPE B		CONCRETE GUTTER, TYPE A		COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12		COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24		HOT-MIX ASPHALT MEDIAN SURFACE, 4 INCH		STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS		
	CU YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD			
1600+00 TO 1602+00	-	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1602+00 TO 1607+50	-	2,378	804	-	1,388	-	-	-	-	-	-	-	-	50	-	-	-	1,234	825	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1607+50 TO 1613+00	-	616	148	-	299	-	-	-	-	-	-	-	-	50	-	-	-	387	231	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1613+00 TO 1618+50	1,597	2,707	1,626	-	1,602	-	-	-	-	-	-	-	-	-	-	-	-	1,461	1,030	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1618+50 TO 1624+00	-	-	977	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NB & SB I-90/94 9+00 TO 14+00	-	-	-	118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NB I-90/94 15+50 TO 17+50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SB I-90/94 16+00 TO 21+50	-	-	-	63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CTA BUS TURNAROUND	-	665	265	-	-	2	-	-	-	-	-	-	-	-	-	-	664	-	260	1,588.0	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PUMP STATION	-	156	59	-	-	2	-	-	-	-	-	-	-	156	-	-	-	-	-	-	-	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SUBTOTAL	1,597	6,525	3,882	181	3,289	4	100	156	664	3,082	3,256	2,108.5	19	64	1,621	101.0	195.0	400.0	364.0	2,933	137.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
HIGH EARLY STRENGTH (ASSUME 10% FOR PCC 11")																																											
TOTAL	1,597	6,525	3,882	181	3,289	4	100	156	664	2,772	3,256	2,108.5	19	64	1,621	101.0	195.0	400.0	364.0	2,933	137.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

LOCATION	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT		CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT		CONCRETE BARRIER TRANSITION		CONCRETE BARRIER BASE		SHOULDER RUMBLE STRIPS, 16 INCH		IMPACT ATTENUATORS (FULLY REDIRECTIVE, WIDE, TEST LEVEL 3)		CHAIN LINK FENCE, 6'		BARRIER WALL REFLECTORS, TYPE C		HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)		ORNAMENTAL FENCE, WROUGHT IRON		TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)		COMBINATION CURB AND GUTTER, TYPE B V.12 (CDOT)		CONCRETE BARRIER BASE (SPECIAL NO. 1)		CONCRETE BARRIER BASE (SPECIAL NO. 2)		AGGREGATE SURFACE COURSE, TYPE B 4"		CONCRETE BARRIER, VARIABLE CROSS-SECTION VERTICAL FACE (SPECIAL)		PINNING TEMPORARY CONCRETE BARRIER		TEMPORARY PAVEMENT		IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW) TEST LEVEL 3 (TO REMAIN PERMANENTLY)		CONCRETE BARRIER, VERTICAL FACE (SPECIAL)			
	EACH	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	FOOT	EACH	SO YD	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SO YD	FOOT	EACH	SO YD	EACH	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	
1600+00 TO 1602+00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1602+00 TO 1607+50	-	454	3	454	-	1	-	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1607+50 TO 1613+00	-	130	-	130	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1613+00 TO 1618+50	-	579	-	579	-	-	-	69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1618+50 TO 1624+00	1	177	-	177	-	-	-	42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NB & SB I-90/94 9+00 TO 14+00	-	141	-	141	410	-	-	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NB I-90/94 15+50 TO 17+50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB I-90/94 16+00 TO 21+50	-	30	-	30	30	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CTA BUS TURNAROUND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PUMP STATION	-	-	-	-	-	-	-	148	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUBTOTAL	1	1,511	3	1,511	440	1	148	160	-	88	1,450.0	47	125	278	139	125	642	1,884	1	278	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HIGH EARLY STRENGTH (ASSUME 10% FOR PCC 11")																																										
TOTAL	1	1,511	3	1,511	440	1	148	160	310	88	1,450.0	47	125	278	139	125	642	1,884	1	278	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

NOTES

1. ADDITIONAL CLASS C PATCHES, TYPE IV, 13 INCH QUANTITY PROVIDED ON THE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN SCHEDULE AND TRAFFIC CONTROL PLAN SCHEDULE.
2. ADDITIONAL BARRIER WALL MARKERS, TYPE C QUANTITY PROVIDED ON THE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN SCHEDULE.
3. ADDITIONAL PINNING TEMPORARY CONCRETE BARRIER QUANTITY PROVIDED ON THE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN SCHEDULE.

FILE PATH = p:\61779-P\INT\secomon\line\local\FECOM_0502_MH\Documents\01_Americas\Transportation\60269938_Circle\Phase_11\006_CAD\006_Roadway\Sheets\60X79_Contract\0160779-sht-Schedule-02.dgn



D160X79-sht-Schedule-02.dgn
 USER NAME = ml-roe
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 9/10/2018

DESIGNED - MKW
 DRAWN - BMJ
 CHECKED - JMG
 DATE - 9-10-2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES
 SCALE: NONE SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	41
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

EARTHWORK SCHEDULE

LOCATION	REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL						EARTH EXCAVATION			(1) EARTH EXCAVATION (ADJ 15% FOR SHRINKAGE)			(1) EMBANKMENT			(1) EARTHWORK BALANCE EXCESS (+) OR SHORTAGE (-)			FURNISHED EX	(2) (3) NON-SPECIAL WASTE DISPOSAL
	EXISTING TOPSOIL			UNDERCUT			CU YD			CU YD			CU YD			CU YD			CU YD	CU YD
	STAGE			STAGE			STAGE			STAGE			STAGE			STAGE			TOTAL	
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3		
RAMP EN	253	157	466	375	1,222	-	18,255	14,443	15,989	15,517	12,277	13,590	879	380	3,906	14,638	11,897	9,684	500	
RAMP ENI-3	123	68	-	-	-	-	2,244	1,915	1	1,908	1,628	1	134	307	450	1,774	1,321	-449	449	
WALL 23	219	1	-	-	-	-	1,375	22	-	1,168	19	-	13	1,195	-	1,156	-1,176	-	1,176	
RAMP WNI	-	-	-	-	-	-	387	-	-	329	-	-	380	-	-	-51	-	-	51	
WEST ABUTMENT	-	-	-	-	-	-	1,060	-	-	901	-	-	95	-	-	806	-	-	-	
PIER 1	-	-	-	-	-	-	-	117	-	-	99	-	-	117	-	-	-18	-	18	
PIER 2	-	-	-	-	-	-	88	-	-	75	-	-	88	-	-	-13	-	-	13	
EAST ABUTMENT	-	-	-	-	-	-	1,599	-	-	1,359	-	-	63	-	-	1,296	-	-	-	
RAMP NE PIER	-	-	-	-	-	-	-	-	21	-	-	18	-	-	21	-	-	-3	3	
I-90/94 MEDIAN BETWEEN NB AND SB	801	-	-	-	-	-	915	-	-	778	-	-	-	-	212	778	-	-212	212	
REMOVE EXISTING PIERS	-	-	-	-	-	-	-	114	437	-	97	372	-	160	478	-	-64	-106	170	
REMOVE EXISTING ABUTMENTS	-	-	-	-	-	-	-	-	842	-	-	715	-	-	1,258	-	-	-542	542	
JUNCTION CHAMBER NO. 1 AND TSRS AREA	-	-	-	-	-	-	1,950	-	-	1,658	-	-	-	1,562	-	1,658	-1,562	-	1,562	
EARTHWORK ALLOWANCE FOR ADJACENT CONTRACT GRADING	100	-	-	-	-	-	1,400	-	-	1,190	-	-	700	-	-	490	-	-	-	
NON-SPECIAL WASTE DISPOSAL																				
SUBTOTAL BY STAGE	1,497	226	466	375	1,222	0	29,273	16,611	17,289	24,882	14,119	14,695	2,350	3,721	6,324	22,532	10,399	8,372	4,696	
TOTAL	3,786						63,172			53,697			12,395			41,302			4,696	
TOTAL (ROUNDED)	3,790						63,175			53,697			12,395			41,305			4,700	

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

FILE PATH = p:\61779-PMINT\secomon\line\local\IACOM\0502_NA\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\000_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-sht-Schedule-03.dgn



DI60X79-sht-Schedule-03.dgn
 USER NAME = v1janachione
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 9/10/2018

DESIGNED - MKW
 DRAWN - BMJ
 CHECKED - JMG
 DATE - 9-10-2018

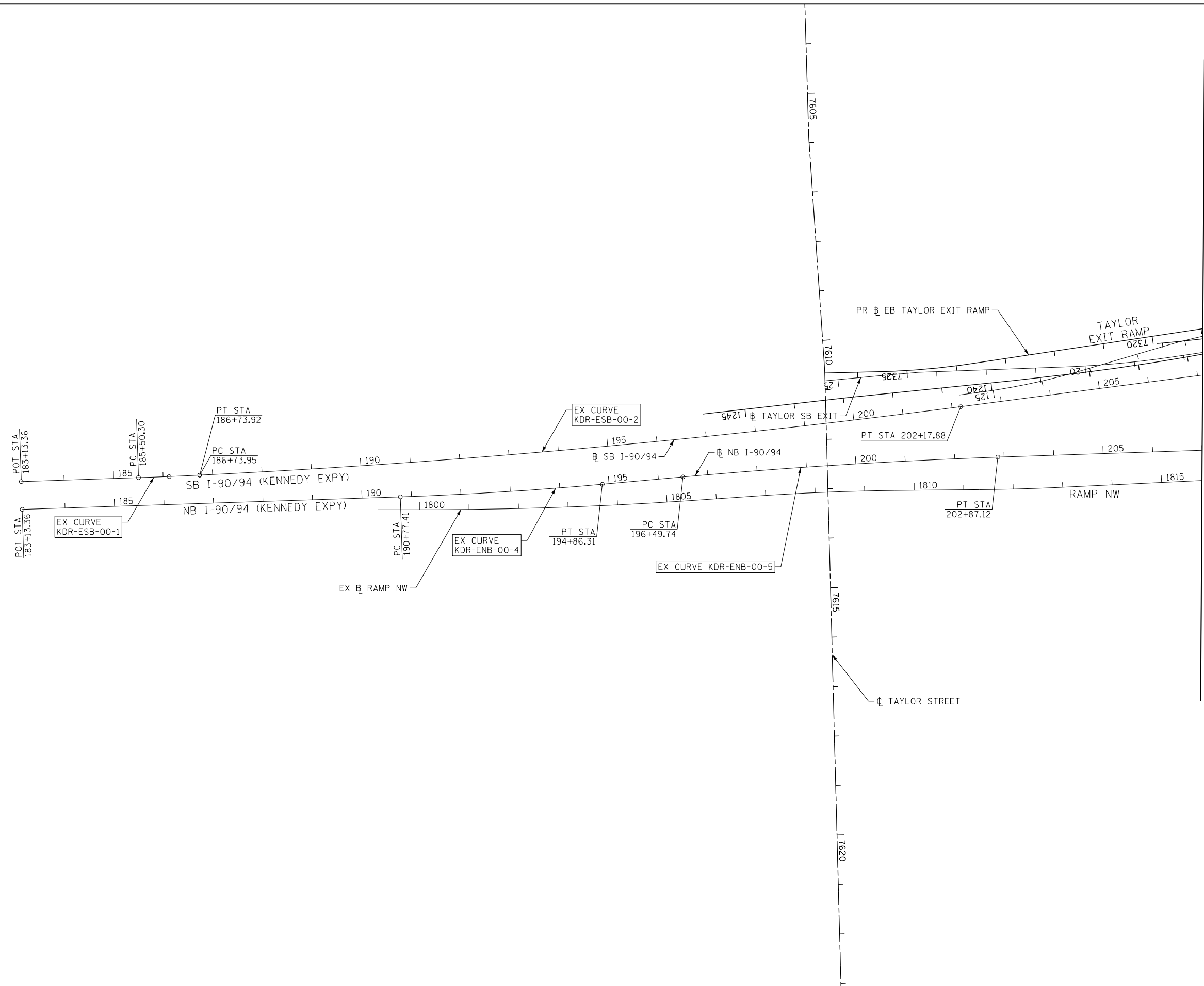
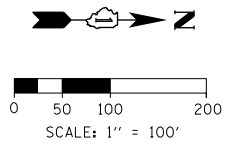
REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	42
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X79	



SEE SHEET 44
 MATCH LINE STA 207+00 NB I-90/94

FILE PATH = p:\61779-P\MINT\secomon\line\local\IACOM\DS02_NA\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\000_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-Sht-ATB-01.dgn



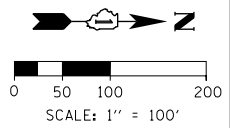
DI60X79-Sht-ATB-01.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - BMJ	REVISED -
PLOT SCALE = 200.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/27/2018	DATE - 7-30-2018	REVISED -

DESIGNED - VLJ	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 1	OF 10 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	43
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

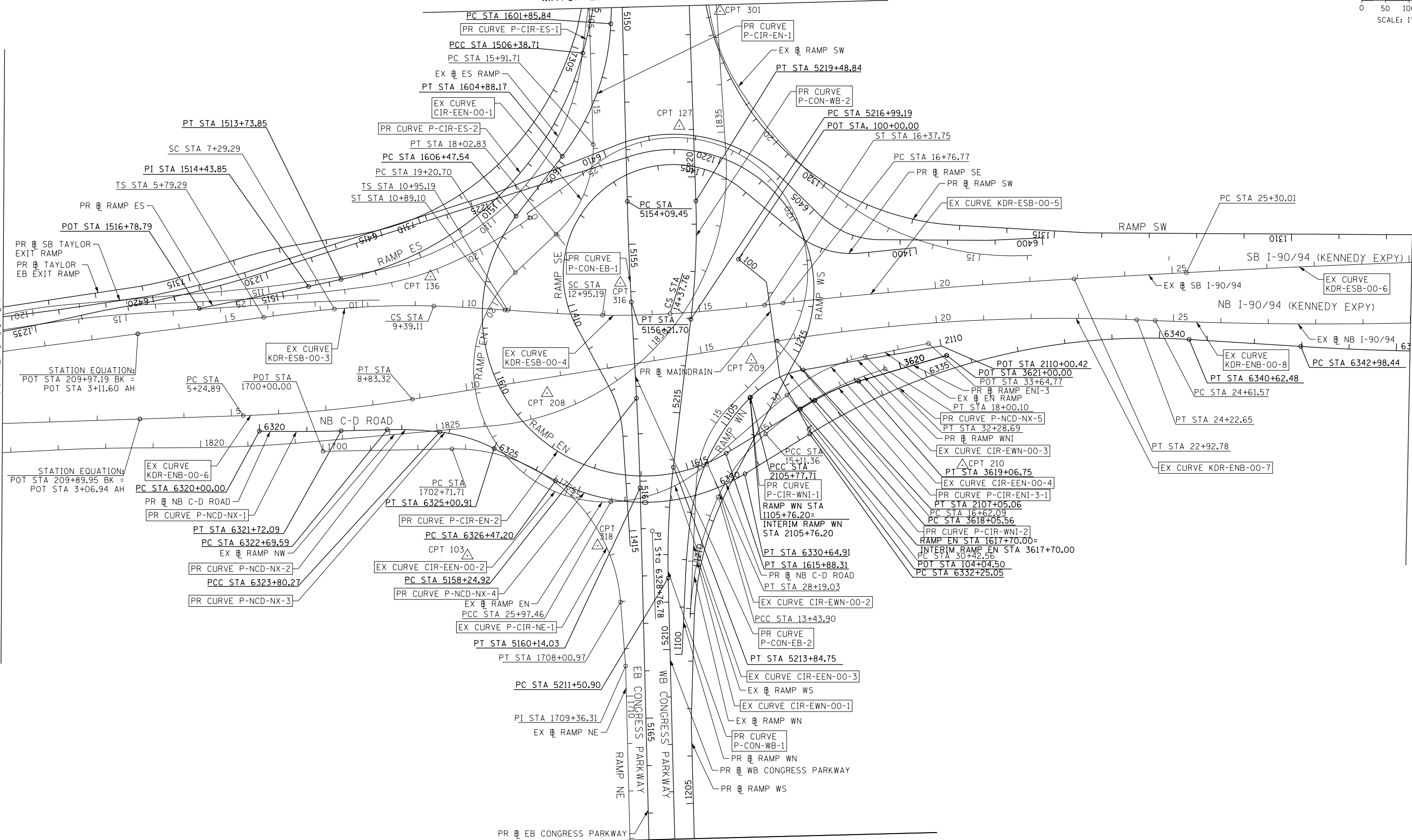


SEE SHEET 46
MATCH LINE STA 5150+00 EB I-290

SEE SHEET 43
MATCH LINE STA 207+00 NB I-90/94

SEE SHEET 45
MATCH LINE STA 30+00 NB I-90/94

MATCH LINE STA 526+00 WB I-290
SEE SHEET 47



FILE PATH = p:\617479-P\MINT\secomon\line\local\I90CDM_D502_MN\Documents\01_Americas\Transportation\60269938_Circle\Phase_11\000_CAD\006_Roadway\Sheets\60X79_Contract\016879-Sht-ATB-02.dgn

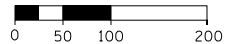
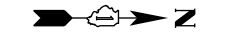


D:\60X79-Sht-ATB-02.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - BMJ	REVISED -
PLOT SCALE = 200.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/27/2018	DATE - 7-30-2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

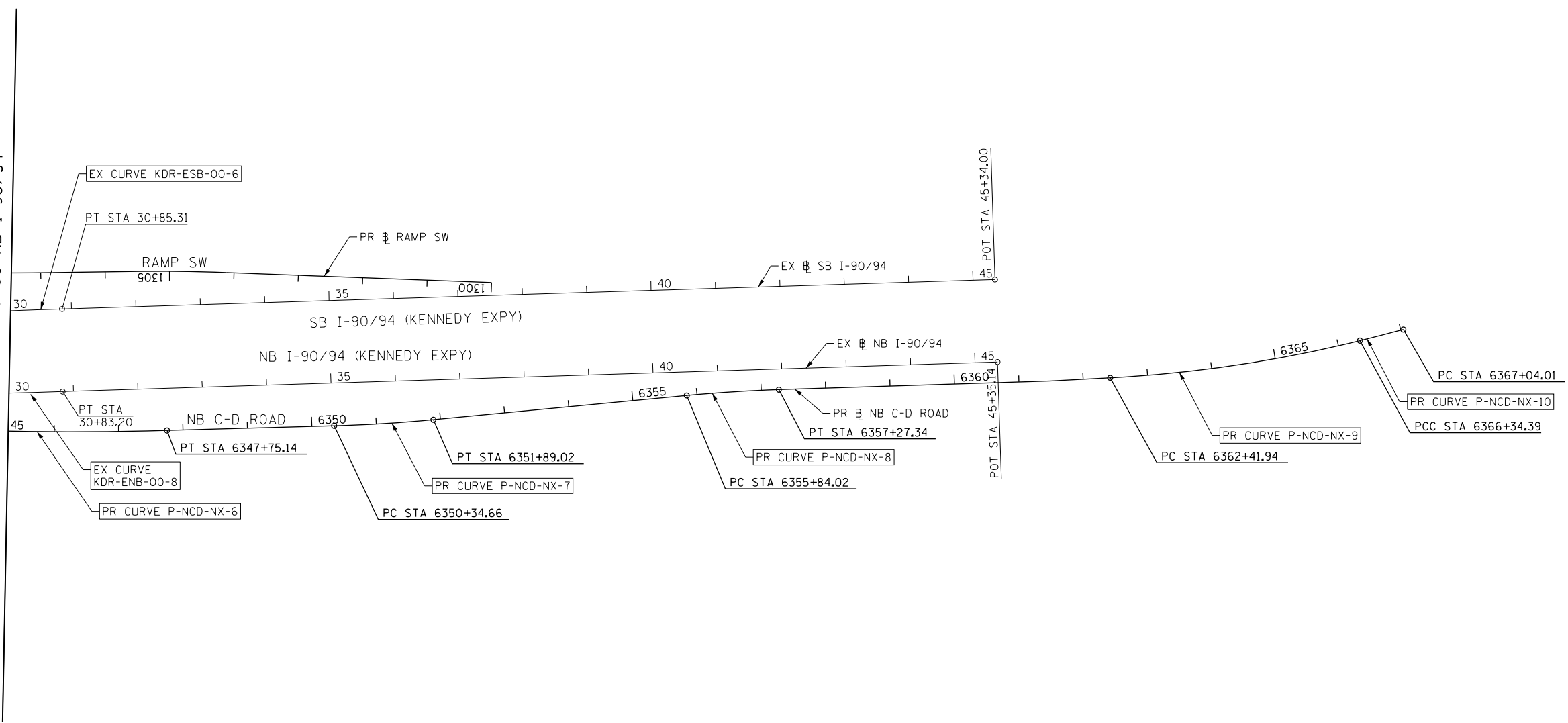
ALIGNMENT, TIES AND BENCHMARKS			
SCALE: 1" = 100'	SHEET 2	OF 10	SHEETS
STA.	TO STA.		

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	44
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				



SCALE: 1" = 100'

SEE SHEET 44
MATCH LINE STA 30+00 NB I-90/94



FILE PATH = p:\61779-P\MINT\secomon\line\local\IACOM_0502_NA\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\000_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-Sht-ATB-03.dgn



DI60X79-Sht-ATB-03.dgn
USER NAME = mkwilson
PLOT SCALE = 200.0000' / in.
PLOT DATE = 7/27/2018

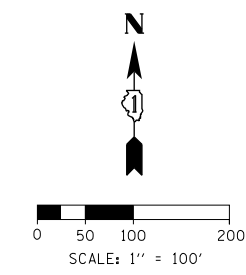
DESIGNED - VLJ	REVISED -
DRAWN - BMJ	REVISED -
CHECKED - JMG	REVISED -
DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES AND BENCHMARKS			
SCALE: 1" = 100'	SHEET 3	OF 10 SHEETS	STA. TO STA.

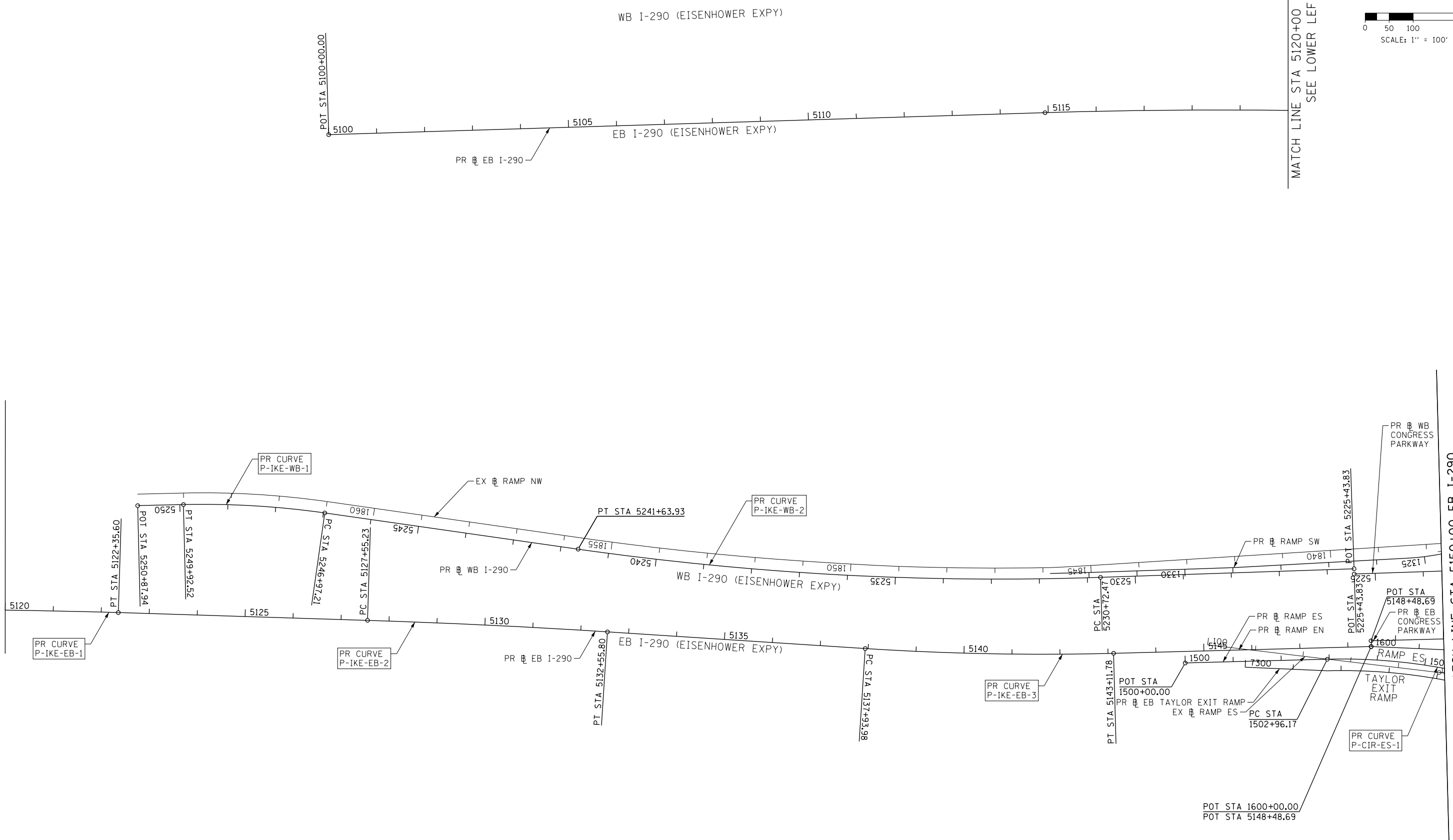
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	45
ILLINOIS FED. AID PROJECT				CONTRACT NO. 60X79

FILE PATH = p:\61779-P\INT\secomon\line\local\IAC\CDM\DS02_MN\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\1000_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-Sht-ATB-04.dgn



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

MATCH LINE STA 5120+00 PR EB I-290
SEE LOWER LEFT



MATCH LINE STA 5150+00 EB I-290
SEE SHEET 44



DI60X79-Sht-ATB-04.dgn
USER NAME = mkwilson
PLOT SCALE = 200.0000' / in.
PLOT DATE = 7/27/2018

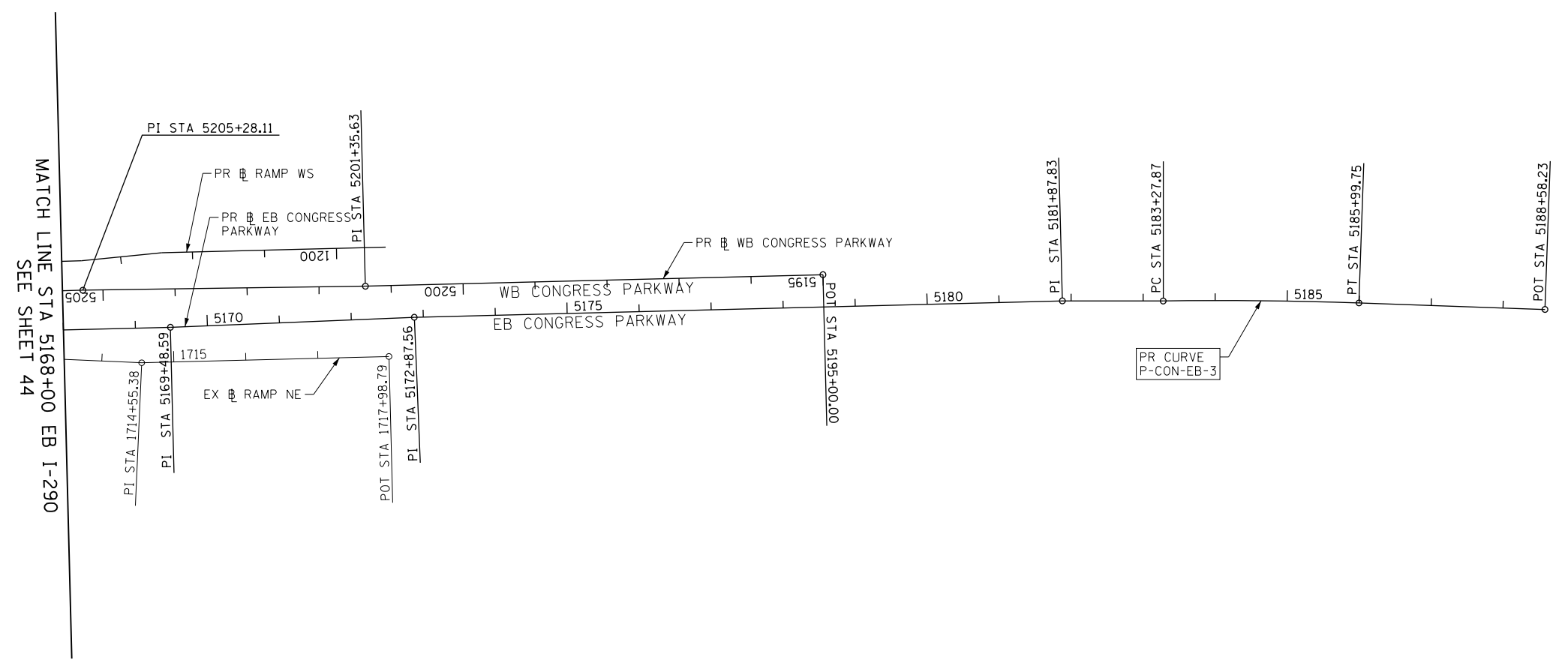
DESIGNED - VLJ	REVISED -
DRAWN - BMJ	REVISED -
CHECKED - JMG	REVISED -
DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

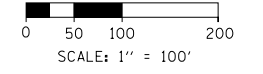
ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1" = 100' SHEET 4 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	46
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA 5168+00 EB I-290
SEE SHEET 44



FILE PATH = p:\61779-P\INT\secomon\line\local\IACOM_0502_NA\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\006_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-Sht-ATB-05.dgn



DI60X79-Sht-ATB-05.dgn
USER NAME = mkwilson
PLOT SCALE = 200.0000' / in.
PLOT DATE = 7/27/2018

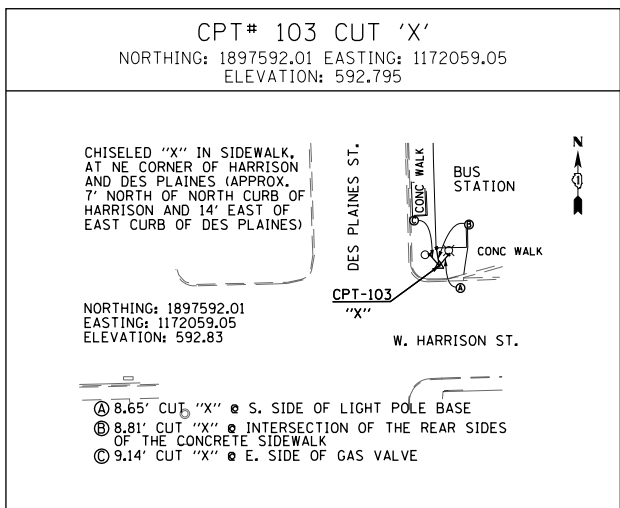
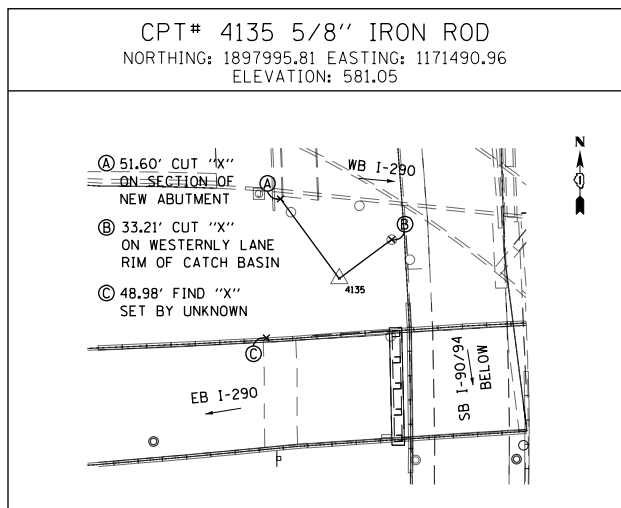
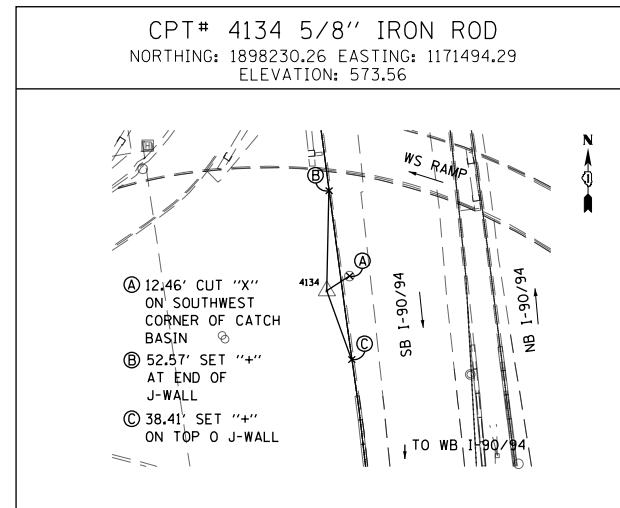
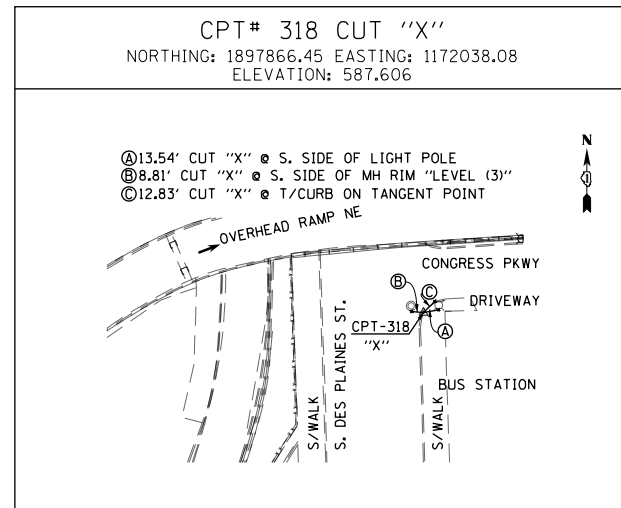
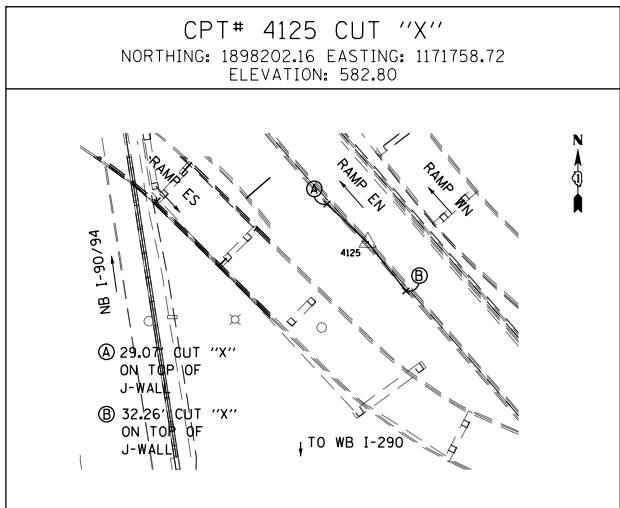
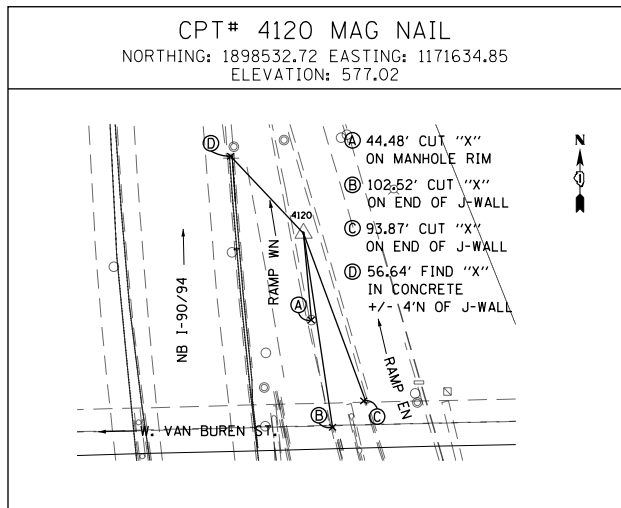
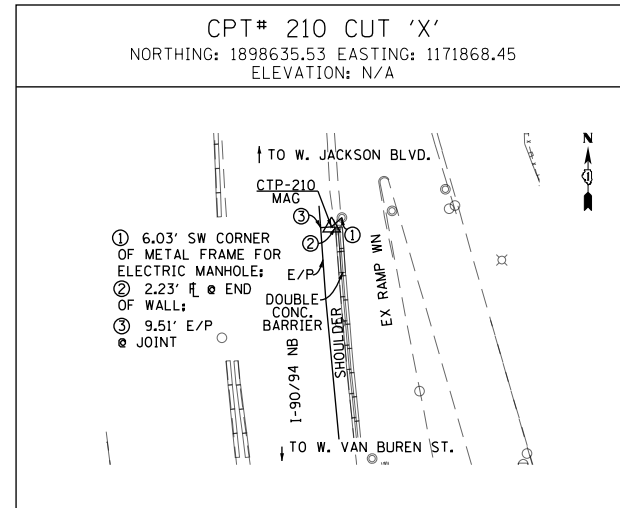
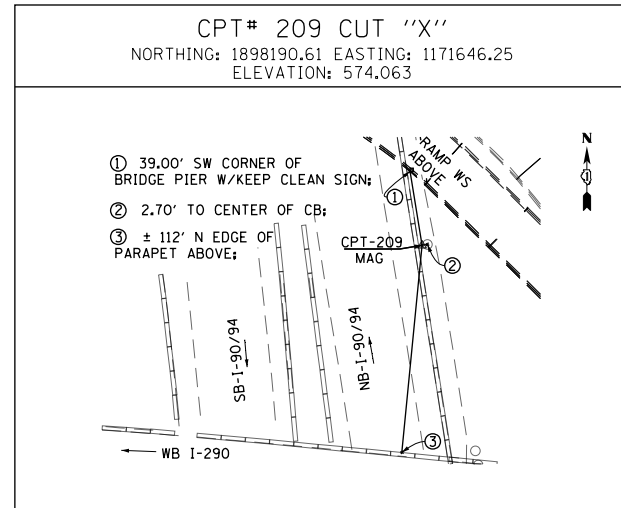
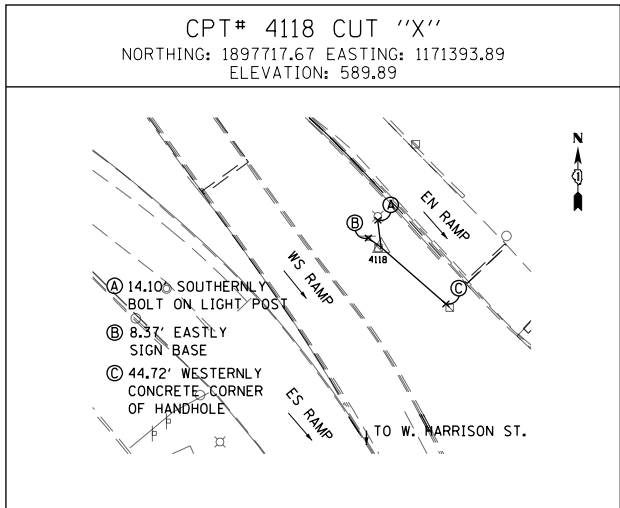
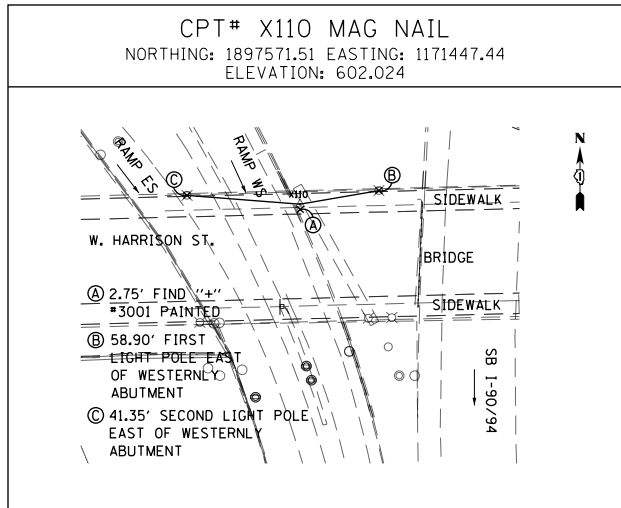
DESIGNED - VLJ	REVISED -
DRAWN - BMJ	REVISED -
CHECKED - JMG	REVISED -
DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES AND BENCHMARKS			
SCALE: 1" = 100'	SHEET 5 OF 10 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	47
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

FILE PATH = p:\61779-P\INT\ascom\line\local\BENCH.DWG; America's Transportation Station\60269928 - Circle Phase 11\000_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-sht-ATB-06.dgn



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.



D160X79-sht-ATB-06.dgn
USER NAME = mkwilson
PLOT SCALE = 100.0000' / in.
PLOT DATE = 7/27/2018

DESIGNED - VLJ
DRAWN - BMJ
CHECKED - JMG
DATE - 7-30-2018

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES AND BENCHMARKS

SCALE: NONE SHEET 6 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	48
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

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
---	--	---	--	--

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
--	---	---	--	---	---	--	--	---	---

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
---	---	---	--

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
--	---	--

EXISTING CIRCLE INTERCHANGE RAMP NE (P-CIR-NE)

EXIST. CURVE P-CIR-NE-1 PI STA. = 1706+01.77 Δ = 86° 38' 23" (RT) D = 16° 22' 13" R = 350.00' T = 330.05' L = 529.25' E = 131.08' P.C. STA. = 1702+71.71 P.T. STA. = 1708+00.97
--

FILE PATH = p:\61779-P\MINT\secomon\line\local\IACOM_D502_NA\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\2006_CAD\006_Roadway\Sheets\60X79_Contract\016079-Sht-ATB-07.dgn



DI60X79-Sht-ATB-07.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - BMJ	REVISED -
PLOT SCALE = 200.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/27/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES AND BENCHMARKS

SCALE: NONE SHEET 7 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	49
CONTRACT NO. 60X79			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 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 NE				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		1700+00.00	1,897,287.7220	1,171,839.0873
PC	P-CIR-NE-1	1702+71.71	1,897,559.3877	1,171,833.9304
PI	P-CIR-NE-1	1706+01.77	1,897,889.3806	1,171,827.6664
PT	P-CIR-NE-1	1708+00.97	1,897,914.9763	1,172,156.7247
PI		1709+36.31	1,897,925.4726	1,172,291.6656
PI		1713+35.78	1,897,935.5654	1,172,691.0034
PI		1714+55.38	1,897,930.3326	1,172,810.4881
POT		1717+98.79	1,897,939.0091	1,173,153.7889

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 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

FILE PATH = p:\61779-P\MINT\secomon1\local\I9022_MH\Documents\01_Americas\Transportation\60269938_Circle\Phase_11\000_CAD\006_Roadway_Sheets\60X79_Contract\0160X79-Sht-ATB-08.dgn



D:\60X79-Sht-ATB-08.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - BMJ	REVISED -
PLOT SCALE = 200.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/27/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES AND BENCHMARKS

SCALE: NONE SHEET 8 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	50
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X79	

PROPOSED CURVE DATA

PROPOSED NB C-D ROAD (P-NCD-NX)

PROP. CURVE P-NCD-NX-1 PI STA. = 6320+86.06 Δ = 2° 38' 57" (LT) D = 1° 32' 22" R = 3,722.00' T = 86.06' L = 172.09' E = 0.99' e = 3.80% T.R. = 42' S.E. RUN = 79' P.C. STA. = 6320+00.00 P.T. STA. = 6321+72.09	PROP. CURVE P-NCD-NX-2 PI STA. = 6323+25.02 Δ = 8° 04' 05" (RT) D = 7° 17' 22" R = 786.00' T = 55.43' L = 110.68' E = 1.95' e = 5.80% T.R. = 37' S.E. RUN = 106' P.C. STA. = 6322+69.59 P.T. STA. = 6323+80.27	PROP. CURVE P-NCD-NX-3 PI STA. = 6324+41.27 Δ = 20° 56' 44" (RT) D = 17° 21' 44" R = 330.00' T = 61.00' L = 120.64' E = 5.59' e = 5.80% T.R. = 37' S.E. RUN = 106' P.C. STA. = 6323+80.27 P.T. STA. = 6325+00.91	PROP. CURVE P-NCD-NX-4 PI STA. = 6328+76.78 Δ = 59° 05' 41" (LT) D = 14° 08' 50" R = 405.00' T = 229.58' L = 417.72' E = 60.54' e = 5.40% T.R. = 37' S.E. RUN = 99' P.C. STA. = 6326+47.20 P.T. STA. = 6330+64.91	PROP. CURVE P-NCD-NX-5 PI STA. = 6336+57.47 Δ = 35° 13' 41" (RT) D = 4° 12' 24" R = 1,362.00' T = 432.42' L = 837.42' E = 67.00' e = 4.20% T.R. = 42' S.E. RUN = 87' P.C. STA. = 6332+25.05 P.T. STA. = 6340+62.48	PROP. CURVE P-NCD-NX-6 PI STA. = 6345+36.95 Δ = 5° 12' 37" (LT) D = 1° 05' 35" R = 5,242.00' T = 238.51' L = 476.70' E = 5.42' e = N.C. T.R. = N/A S.E. RUN = N/A P.C. STA. = 6342+98.44 P.T. STA. = 6347+75.14	PROP. CURVE P-NCD-NX-7 PI STA. = 6351+11.87 Δ = 3° 51' 44" (LT) D = 2° 30' 07" R = 2,290.00' T = 77.21' L = 154.36' E = 1.30' e = 3.00% T.R. = 41' S.E. RUN = 62' P.C. STA. = 6350+34.66 P.T. STA. = 6351+89.02	PROP. CURVE P-NCD-NX-8 PI STA. = 6356+55.70 Δ = 3° 37' 03" (RT) D = 2° 31' 27" R = 2,055.00' T = 71.68' L = 143.32' E = 1.13' e = 3.00% T.R. = 21' S.E. RUN = N/A P.C. STA. = 6355+84.02 P.T. STA. = 6357+27.34	PROP. CURVE P-NCD-NX-9 PI STA. = 6364+38.76 Δ = 10° 56' 32" (LT) D = 2° 47' 17" R = 2,055.00' T = 196.83' L = 392.46' E = 9.40' e = 3.40% T.R. = 42' S.E. RUN = 71' P.C. STA. = 6362+41.94 P.T. STA. = 6366+34.39	PROP. CURVE P-NCD-NX-10 PI STA. = 6366+69.20 Δ = 0° 59' 01" (LT) D = 1° 24' 47" R = 4,055.00' T = 34.81' L = 69.62' E = 0.15' e = 2.00% T.R. = 42' S.E. RUN = 42' P.C. STA. = 6366+34.39 P.T. STA. = 6367+04.01
---	--	--	---	--	---	---	---	---	---

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

PROP. CURVE P-IKE-EB-1 PI STA. = 5118+64.60 Δ = 3° 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 Δ = 1° 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 Δ = 5° 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 Δ = 10° 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 Δ = 9° 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. = 72' 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 Δ = 1° 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 Δ = 1° 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 Δ = 2° 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 Δ = 8° 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 Δ = 8° 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 Δ = 16° 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.T. STA. = 1506+38.71	PROP. CURVE P-CIR-ES-2 PI STA. = 1510+49.08 Δ = 63° 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. STA. = 1506+38.71 P.T. STA. = 1513+73.85
---	---

PROPOSED CIRCLE INTERCHANGE RAMP EN INTERIM 3 (P-CIR-ENI-3)

PROP. CURVE P-CIR-ENI-3-1 PI STA. = 3618+56.43 Δ = 14° 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

PROPOSED CIRCLE INTERCHANGE RAMP EN (P-CIR-EN)

PROP. CURVE P-CIR-EN-1 PI STA. = 1603+41.95 Δ = 35° 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 Δ = 158° 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-EN-3 PI STA. = 1621+43.96 Δ = 28° 56' 55" (RT) D = 4° 48' 53" R = 1,190.00' T = 307.19' L = 601.25' E = 39.01' e = 4.40% T.R. = 42' S.E. RUN = 91' P.C. STA. = 1618+36.77 P.T. STA. = 1624+38.02
--	--	--

PROPOSED CIRCLE INTERCHANGE RAMP WN INTERIM (P-CIR-WNI)

PROP. CURVE P-CIR-WNI-1 PI STA. = 2105+76.95 Δ = 0° 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-2 PI STA. = 2106+43.52 Δ = 35° 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
---	--

FILE PATH = p:\6179-P\INT\ascomon\line\local\I290\ENI\I290-ENI-3.dgn



D:\6179-Sht-ATB-09.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - BMJ	REVISED -
PLOT SCALE = 200.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/27/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES AND BENCHMARKS

SCALE: NONE SHEET 9 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	51
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

PROPOSED ALIGNMENTS

PR NB C-D ROAD				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
PC	P-NCD-NX-1	6320+00.00	1,897,153.5327	1,171,796.6425
PI	P-NCD-NX-1	6320+86.06	1,897,239.5749	1,171,798.3209
PT	P-NCD-NX-1	6321+72.09	1,897,325.6027	1,171,796.0207
PC	P-NCD-NX-2	6322+69.59	1,897,423.0723	1,171,793.4147
PI	P-NCD-NX-2	6323+25.02	1,897,478.4843	1,171,791.9331
PCC	P-NCD-NX-2/P-NCD-NX-3	6323+80.27	1,897,533.5558	1,171,798.2433
PI	P-NCD-NX-3	6324+41.27	1,897,594.1594	1,171,805.1873
PT	P-NCD-NX-3	6325+00.91	1,897,648.2759	1,171,833.3372
PC	P-NCD-NX-4	6326+47.20	1,897,778.0542	1,171,900.8443
PI	P-NCD-NX-4	6328+76.78	1,897,981.7270	1,172,006.7892
PT	P-NCD-NX-4	6330+64.91	1,898,177.2402	1,171,886.4500
PC	P-NCD-NX-5	6332+25.05	1,898,313.6183	1,171,802.5087
PI	P-NCD-NX-5	6336+57.47	1,898,681.8731	1,171,575.8462
PT	P-NCD-NX-5	6340+62.48	1,899,113.4329	1,171,603.1163
PC	P-NCD-NX-6	6342+98.44	1,899,348.9270	1,171,617.9972
PI	P-NCD-NX-6	6345+36.95	1,899,586.9654	1,171,633.0387
PT	P-NCD-NX-6	6347+75.14	1,899,825.3861	1,171,626.4012
PC	P-NCD-NX-7	6350+34.66	1,900,084.8055	1,171,619.1792
PI	P-NCD-NX-7	6351+11.87	1,900,161.9848	1,171,617.0305
PT	P-NCD-NX-7	6351+89.02	1,900,238.8442	1,171,609.6884
PC	P-NCD-NX-8	6355+84.02	1,900,632.0573	1,171,572.1258
PI	P-NCD-NX-8	6356+55.70	1,900,703.4170	1,171,565.3090
PT	P-NCD-NX-8	6357+27.34	1,900,775.0648	1,171,563.0082
PI		6361+47.94	1,901,195.4434	1,171,549.5090
PC	P-NCD-NX-9	6362+41.94	1,901,289.3174	1,171,544.6136
PI	P-NCD-NX-9	6364+38.76	1,901,485.8767	1,171,534.3635
PCC	P-NCD-NX-9/P-NCD-NX-10	6366+34.39	1,901,676.9167	1,171,486.9894
PI	P-NCD-NX-10	6366+69.20	1,901,710.7027	1,171,478.6111
PT	P-NCD-NX-10	6367+04.01	1,901,744.3399	1,171,469.6541

PR EB CONGRESS PARKWAY				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		5148+48.69	1,897,914.2658	1,170,751.5739
PC	P-CON-EB2-1	5154+09.45	1,897,928.9827	1,171,312.1431
PI	P-CON-EB2-1	5155+15.58	1,897,931.7681	1,171,418.2406
PT	P-CON-EB2-1	5156+21.70	1,897,937.5059	1,171,524.2195
PC	P-CON-EB2-2	5158+24.92	1,897,948.4919	1,171,727.1366
PI	P-CON-EB2-2	5159+19.48	1,897,953.6041	1,171,821.5611
PT	P-CON-EB2-2	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-EB2-3	5183+27.87	1,898,016.1457	1,174,229.0662
PI	P-CON-EB2-3	5184+63.84	1,898,018.1448	1,174,365.0176
PT	P-CON-EB2-3	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 ENI-3				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		3617+70.00	1,898,293.7075	1,171,749.8836
PC	P-CIR-ENI-3-1	3618+05.56	1,898,324.2408	1,171,731.6592
PI	P-CIR-ENI-3-1	3618+56.43	1,898,367.9200	1,171,705.5884
PT	P-CIR-ENI-3-1	3619+06.75	1,898,416.7343	1,171,691.2800
POT		3621+00.00	1,898,602.1801	1,171,636.9222

PR RAMP WNI				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
PC	P-CIR-WNI-1	2105+76.20	1,898,187.6442	1,171,726.1613
PI	P-CIR-WNI-1	2105+76.95	1,898,188.1739	1,171,725.6241
PCC	P-CIR-WNI-1/P-CIR-WNI-2	2105+77.71	1,898,188.7055	1,171,725.0087
PI	P-CIR-WNI-2	2106+43.52	1,898,235.0685	1,171,678.3867
PT	P-CIR-WNI-2	2107+05.06	1,898,299.9516	1,171,667.3960
PI		2109+32.42	1,898,524.1114	1,171,629.4251
POT		2110+00.42	1,898,590.9479	1,171,616.8998

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

PR MAINDRAIN				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		100+00.00	1,898,163.4432	1,171,433.8422
PI		100+75.91	1,898,222.2653	1,171,481.8228
PI		102+76.95	1,898,250.5972	1,171,680.8619
POT		104+04.50	1,898,312.0076	1,171,792.6519

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
POT		1516+78.79	1,897,026.8481	1,171,537.8411

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 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	P-CIR-EN-3	1618+36.77	1,898,351.0430	1,171,715.6618
PI	P-CIR-EN-3	1621+43.96	1,898,614.8173	1,171,558.2228
PT	P-CIR-EN-3	1624+38.02	1,898,921.8385	1,171,548.1293
POT		1625+18.68	1,899,002.4544	1,171,545.4790

FILE PATH = p:\61779-PMINT\secomon\line\local\IECDM_0502_NA\Documents\01\America\Transportation\6026-9938_Circle\Phase 1\000_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-Sht-ATB-10.dgn



D160X79-Sht-ATB-10.dgn
 USER NAME = mkwilson
 PLOT SCALE = 200.0000' / in.
 PLOT DATE = 7/27/2018

DESIGNED - VLJ
 DRAWN - BMJ
 CHECKED - JMG
 DATE - 7-30-2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

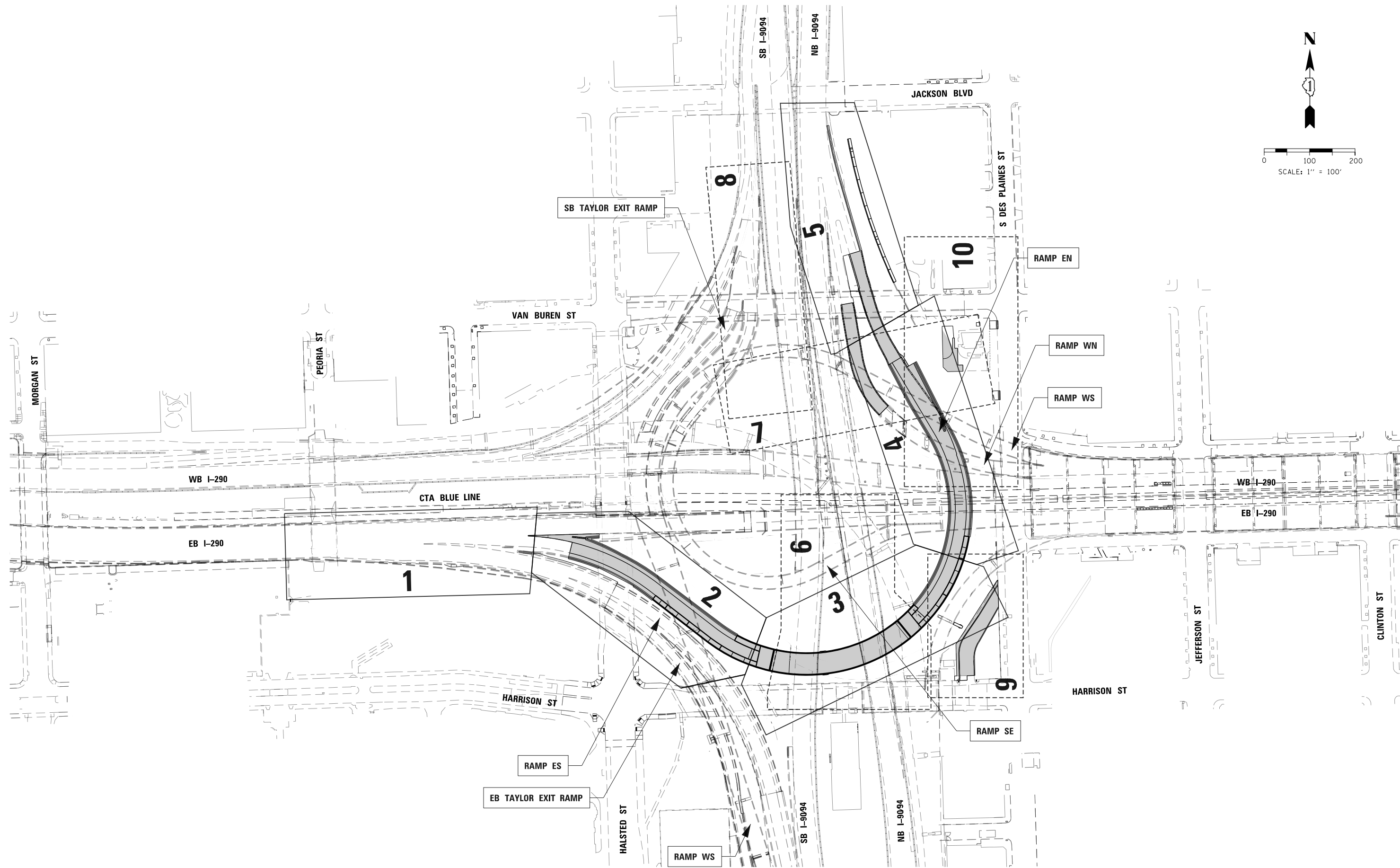
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	52
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

FILE PATH = p:\61779-P\INT\secomon\line\local\I-290\0502_M\Documents\01_Americas\Transportation\60269938_Circle\Phase_11\000_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-SHT-Key_Plan.dgn



DI60X79-SHT-Key Plan.dgn
USER NAME = mkwilson
PLOT SCALE = 200.0000' / in.
PLOT DATE = 7/27/2018

DESIGNED - MKW	REVISED -
DRAWN - BMJ	REVISED -
CHECKED - JMG	REVISED -
DATE - 7-30-2018	REVISED -

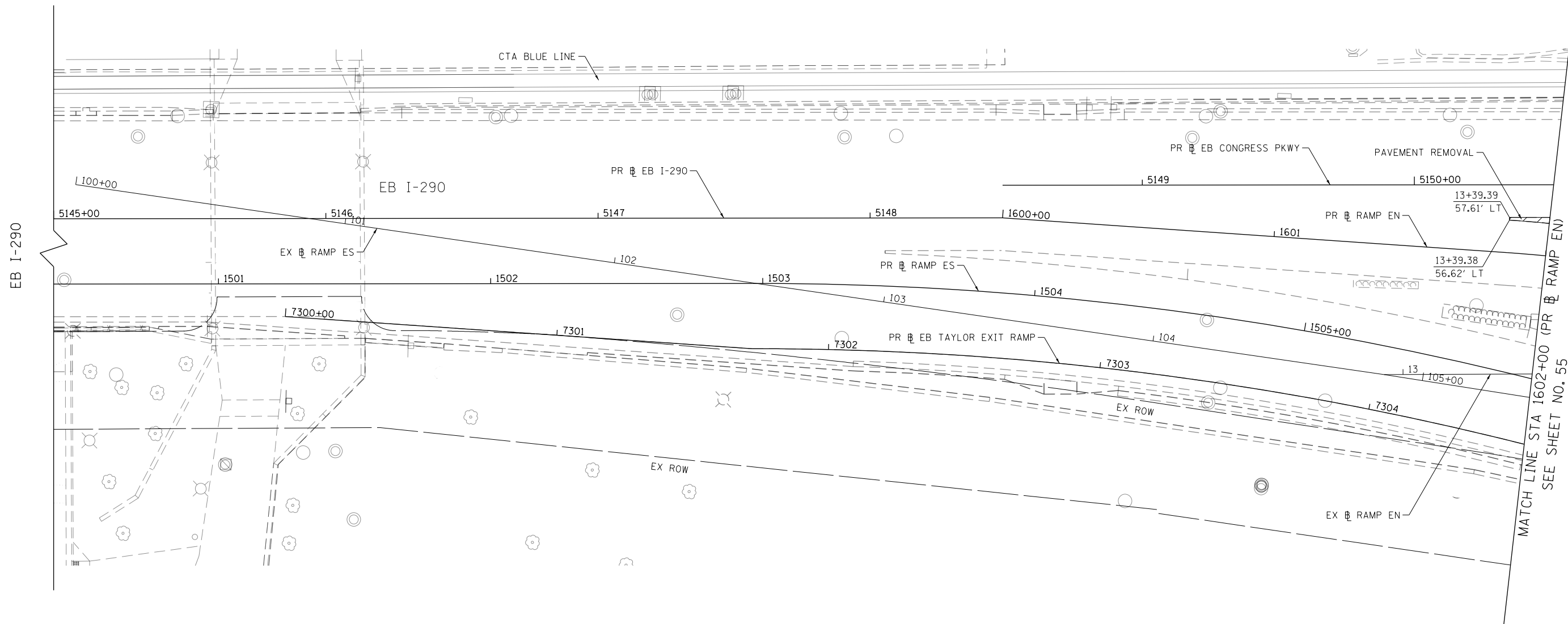
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

KEY PLAN

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	53
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

FILE PATH = p:\61799-P\MINT\secomon\line\local\IAC\CDM\0502_MN\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\1000_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-SHT-REM-01.dgn

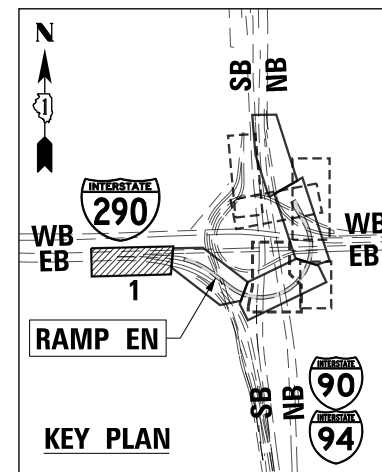
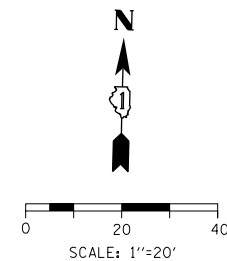


REMOVAL LEGEND

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

NOTES:

1. SEE ALIGNMENT AND TIES SHEETS NO. 43 TO 52 FOR CURVE DATA.
2. ALL STATIONS AND OFFSETS ARE MEASURED FROM EX RAMP EN UNLESS OTHERWISE NOTED.



DI60X79-SHT-REM-01.dgn	DESIGNED - MKW	REVISED -
USER NAME = mkwilson	DRAWN - BMJ	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/27/2018	DATE - 7-30-2018	REVISED -

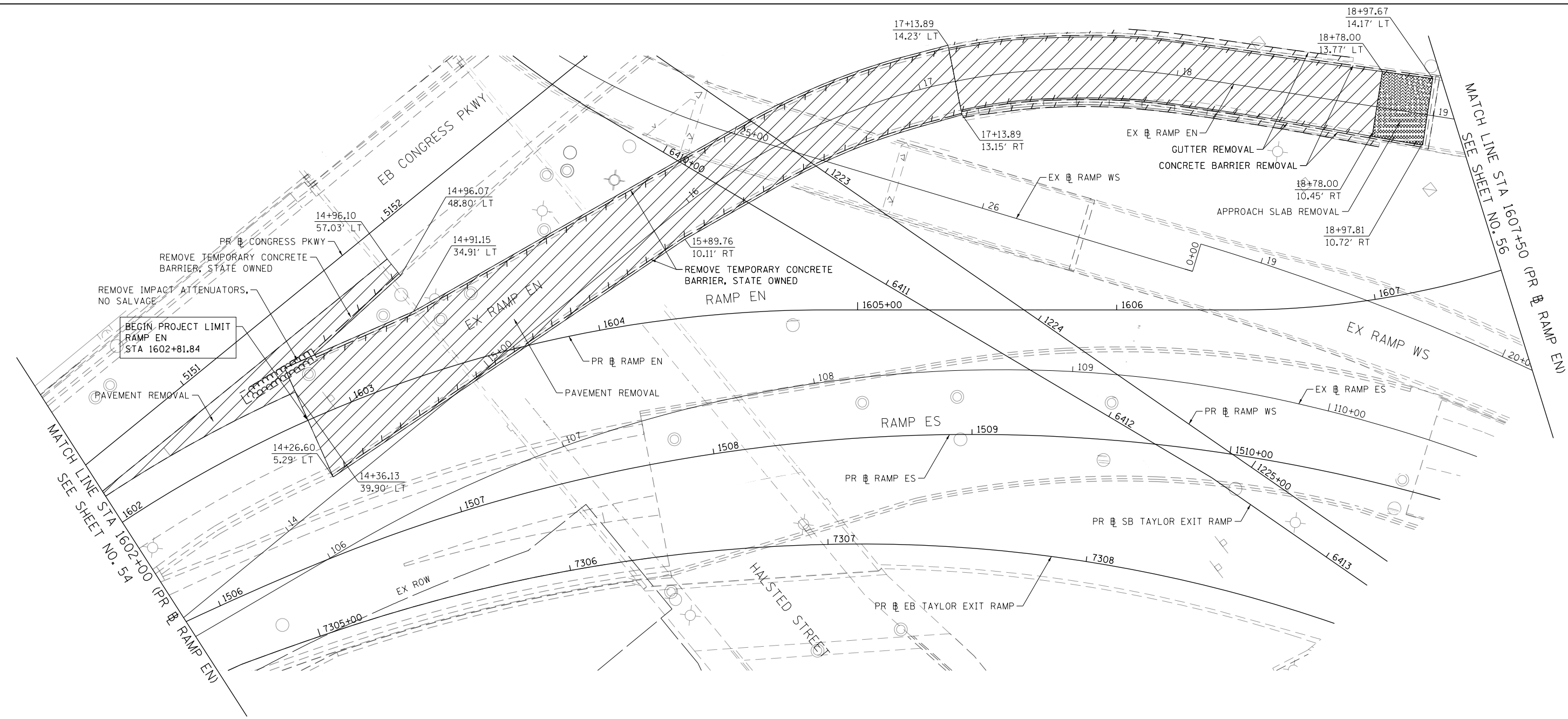
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN

SCALE: 1"=20' SHEET 1 OF 10 SHEETS STA. 1600+00 TO STA. 1602+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	54
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

FILE PATH = p:\61779-P\INT\p\INT.dwg; I:\Projects\60X79\Roadway\Sheets\60X79_Contract\016879-SHT-REM-02.dgn

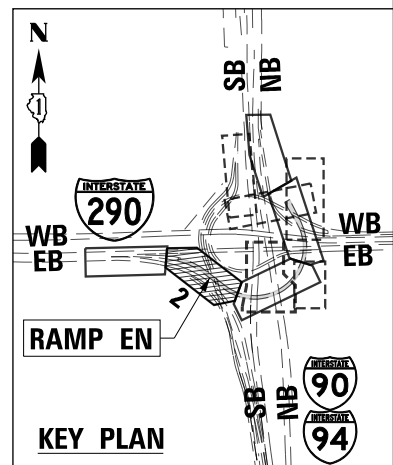
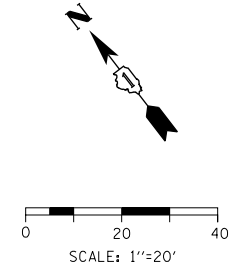


REMOVAL LEGEND

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

NOTES:

1. SEE ALIGNMENT AND TIES SHEETS NO. 43 TO 52 FOR CURVE DATA.
2. ALL STATIONS AND OFFSETS ARE MEASURED FROM EX RAMP EN UNLESS OTHERWISE NOTED.



D:\61779-SHT-REM-02.dgn	DESIGNED - MKW	REVISED -
USER NAME = mkwilson	DRAWN - BMJ	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/27/2018	DATE - 7-30-2018	REVISED -

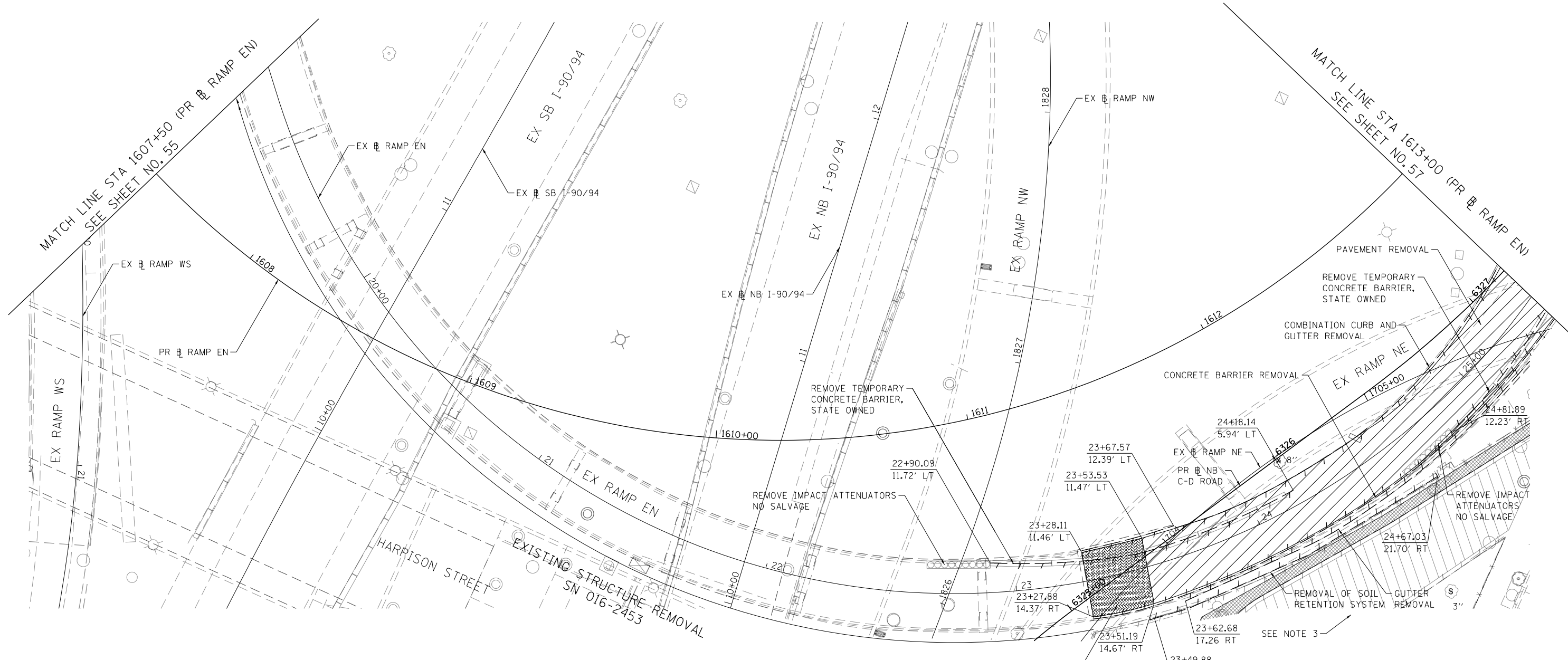
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN

SCALE: 1"=20' SHEET 2 OF 10 SHEETS STA. 1602+00 TO STA. 1607+50

F.A.I. R.T.E. 90/94/290	SECTION 2014-005R&B	COUNTY COOK	TOTAL SHEETS 888	SHEET NO. 55
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

FILE PATH = p:\6179-PM\T\drawing\local\6079-REMOVAL\6079-REMOVAL.dwg; Project Location: 6079-REMOVAL; Drawing: 6079-REMOVAL; Scale: 1"=20'; Date: 7/27/2018

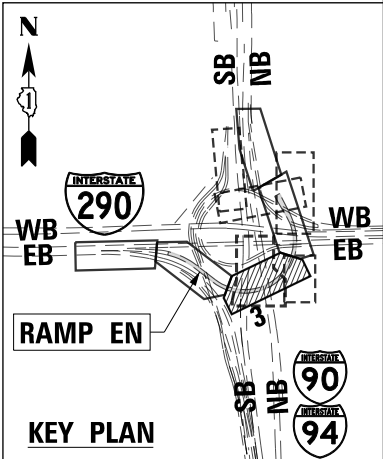


REMOVAL LEGEND

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

NOTES:

1. SEE ALIGNMENT AND TIES SHEETS NO. 43 TO 52 FOR CURVE DATA.
2. ALL STATIONS AND OFFSETS ARE MEASURED FROM EX RAMP EN UNLESS OTHERWISE NOTED.
3. SEE SHEET NO. 62 FOR CTA BUS TURNAROUND REMOVAL PLAN.



D:\6179-PM\T\drawing\local\6079-REMOVAL\6079-REMOVAL.dwg	DESIGNED - MKW	REVISED -
USER NAME = mkwilson	DRAWN - BMJ	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/27/2018	DATE - 7-30-2018	REVISED -

DESIGNED - MKW	REVISED -
DRAWN - BMJ	REVISED -
CHECKED - JMG	REVISED -
DATE - 7-30-2018	REVISED -

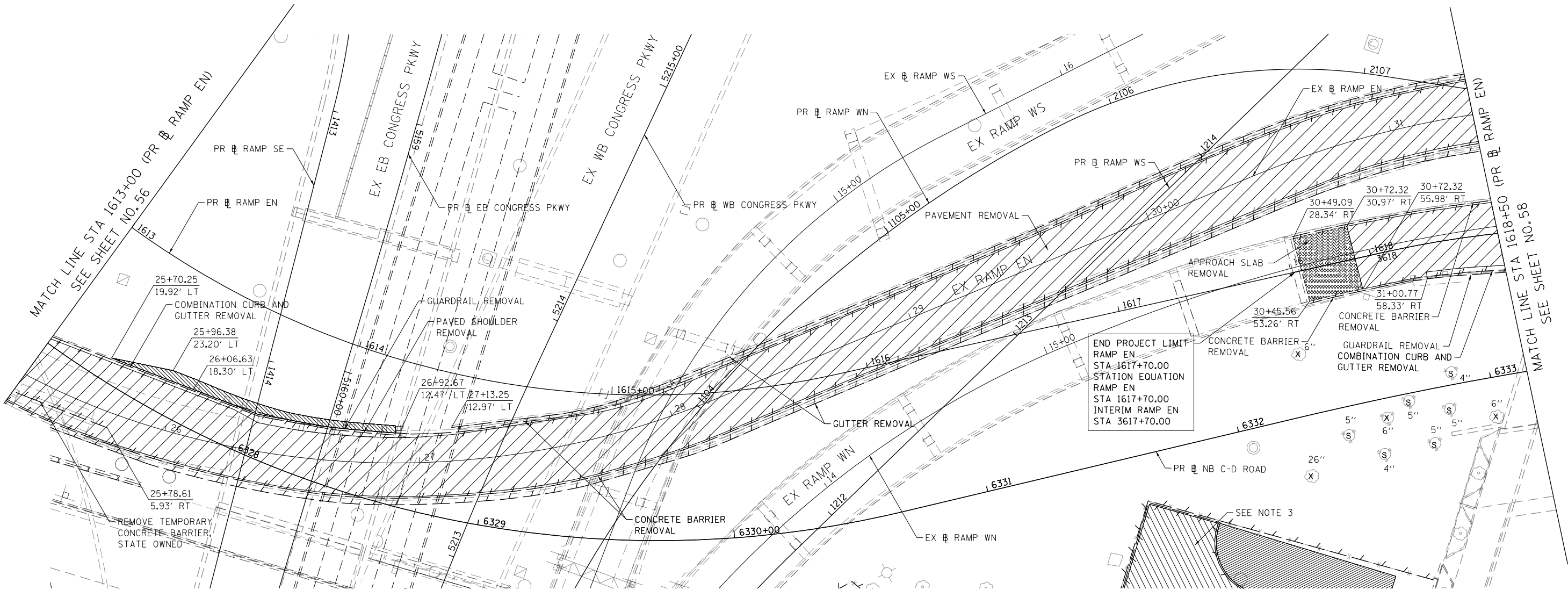
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN

SCALE: 1"=20' SHEET 3 OF 10 SHEETS STA. 1607+50 TO STA. 1613+00

F.A.I. RTE. 90/94/290	SECTION 2014-005R&B	COUNTY COOK	TOTAL SHEETS 888	SHEET NO. 56
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

FILE PATH = p:\61779-P\INT\ascomon\line\local\IACOM\0502_MW\Documents\01_Americas\Transportation\60269938_Circle\Phase_11\000_CAD\006_Roadway\Sheets\6079_SHT-REM-04.dgn



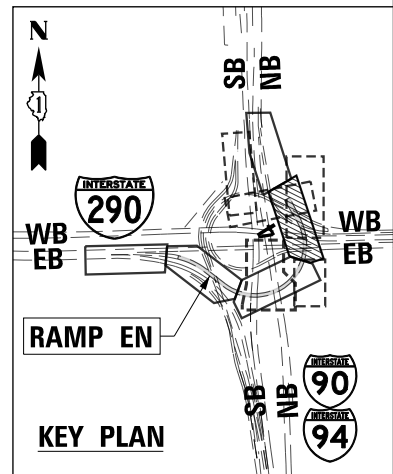
END PROJECT LIMIT
 RAMP EN
 STA 1617+70.00
 STATION EQUATION
 RAMP EN
 STA 1617+70.00
 INTERIM RAMP EN
 STA 3617+70.00

REMOVAL LEGEND

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

NOTES:

1. SEE ALIGNMENT AND TIES SHEETS NO. 43 TO 52 FOR CURVE DATA.
2. ALL STATIONS AND OFFSETS ARE MEASURED FROM EX RAMP EN UNLESS OTHERWISE NOTED.
3. SEE SHEET NO. 63 FOR PUMP STATION NO. 5 PARKING LOT REMOVAL PLAN.



D:\61779-SHT-REM-04.dgn	DESIGNED - MKW	REVISED -
USER NAME = mkwilson	DRAWN - BMJ	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/27/2018	DATE - 7-30-2018	REVISED -

DESIGNED - MKW	REVISED -
DRAWN - BMJ	REVISED -
CHECKED - JMG	REVISED -
DATE - 7-30-2018	REVISED -

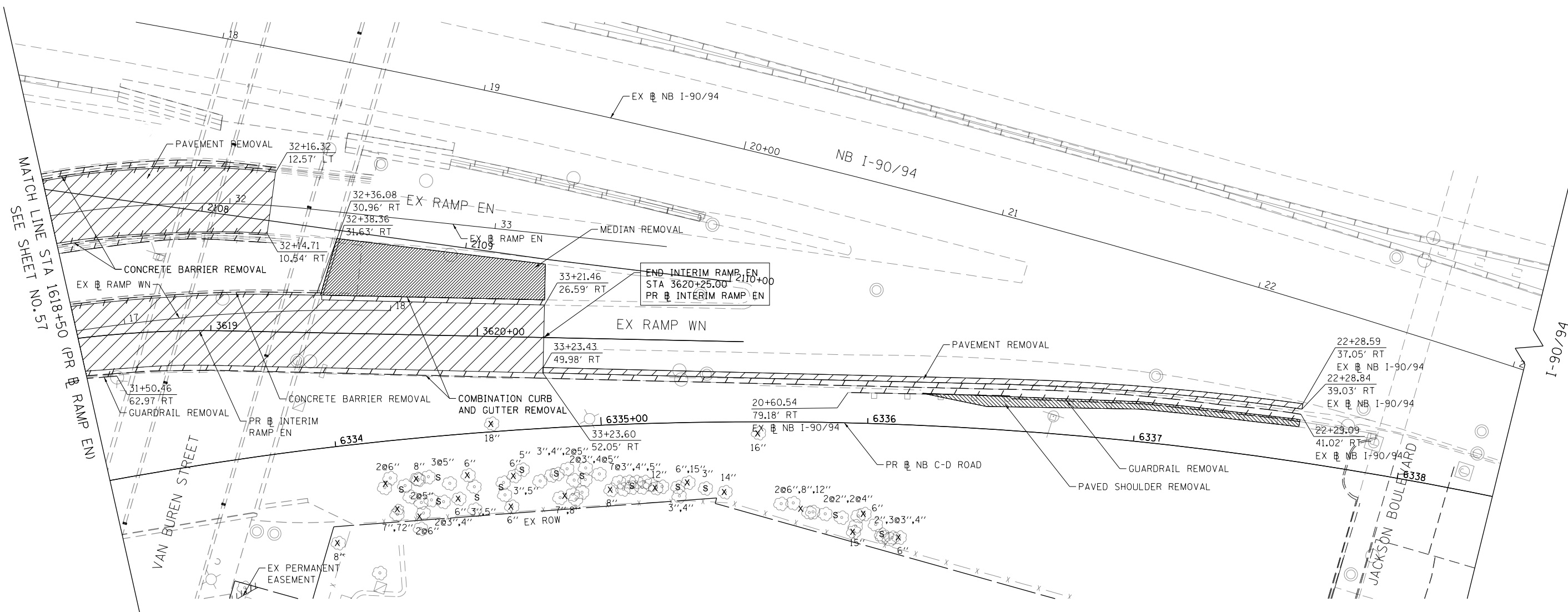
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN

SCALE: 1"=20' SHEET 4 OF 10 SHEETS STA. 1613+00 TO STA. 1618+50

F.A.I. RTE. 90/94/290	SECTION 2014-005R&B	COUNTY COOK	TOTAL SHEETS 888	SHEET NO. 57
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

FILE PATH = p:\61779-P\INT\secomon\line\local\IACOM_0502_NA\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\000_CAD\006_Roadway\Sheets\60X79_Contract\016079-SHT-REM-05.dgn

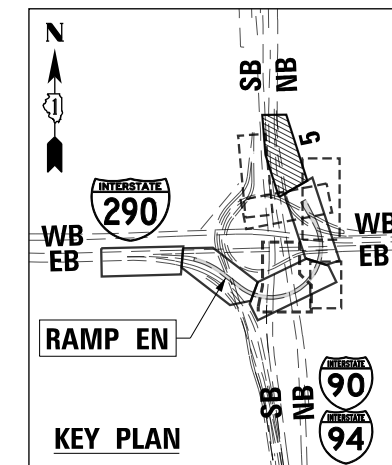
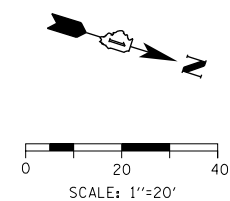


REMOVAL LEGEND

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

NOTES:

1. SEE ALIGNMENT AND TIES SHEETS NO. 43 TO 52 FOR CURVE DATA.
2. ALL STATIONS AND OFFSETS ARE MEASURED FROM EX RAMP EN UNLESS OTHERWISE NOTED.



D:\61779-P\INT\secomon\line\local\IACOM_0502_NA\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\000_CAD\006_Roadway\Sheets\60X79_Contract\016079-SHT-REM-05.dgn	DESIGNED - MKW	REVISED -
USER NAME = mkwilson	DRAWN - BMJ	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/27/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN

SCALE: 1"=20' SHEET 5 OF 10 SHEETS STA. 1618+50 TO STA. 1624+00

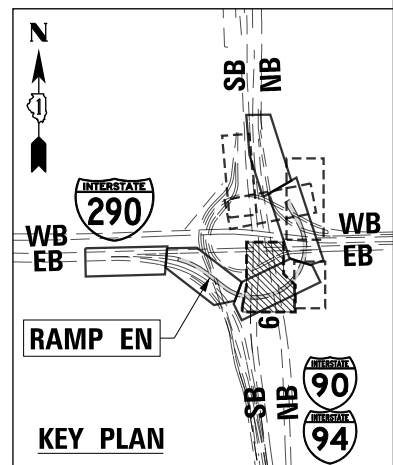
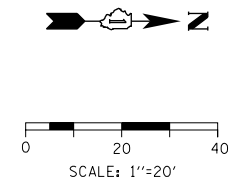
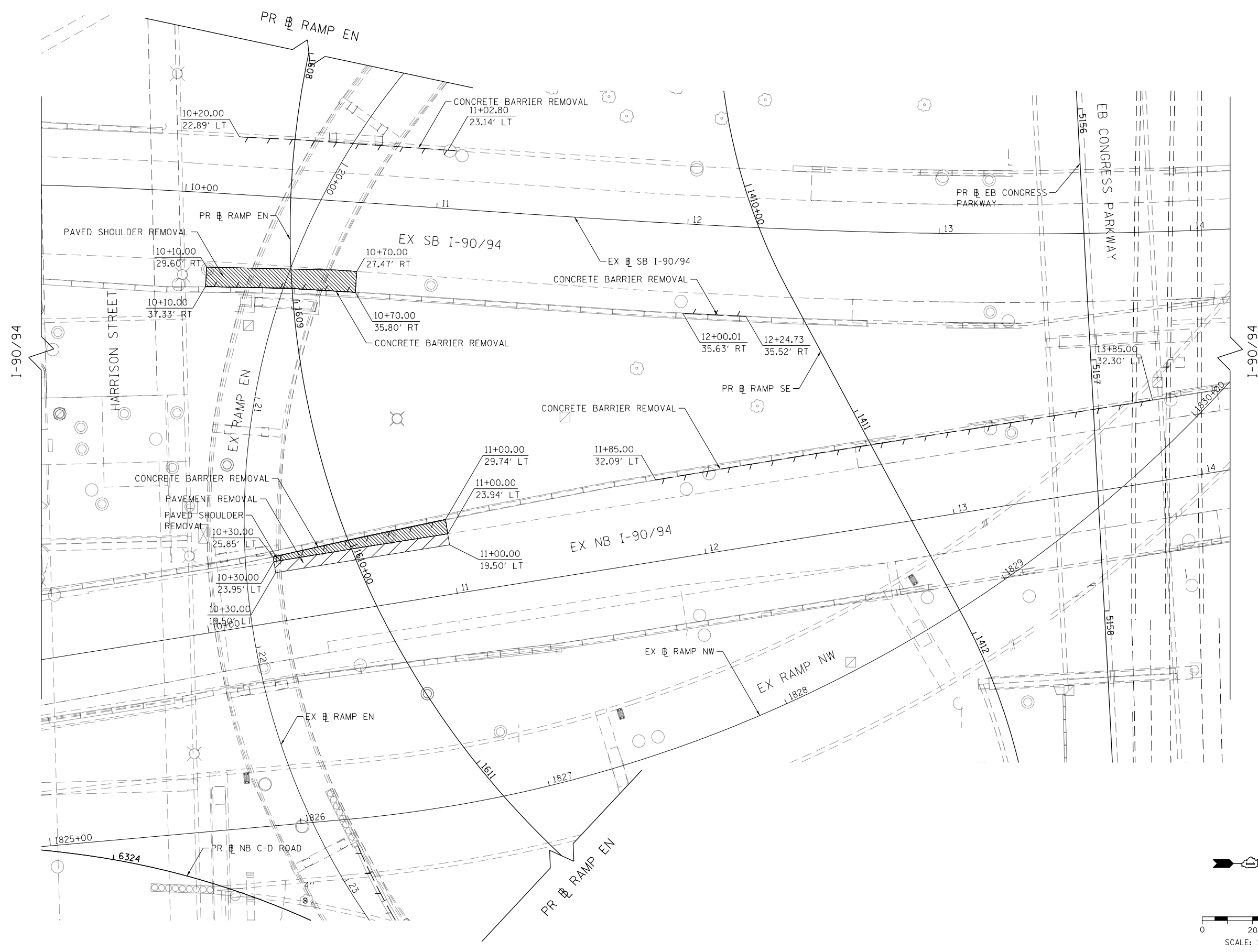
F.A.I. RTE. 90/94/290	SECTION 2014-005R&B	COUNTY COOK	TOTAL SHEETS 888	SHEET NO. 58
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

FILE PATH = p:\61779-P\INT\secomon\line\local\IACOM_D902_NA\Documents\01_Americas\Transportation\60269938_Circle\Phase_11\006_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-SHT-REM-06.dgn

REMOVAL LEGEND

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

- NOTES:**
- SEE ALIGNMENT AND TIES SHEETS NO. 43 TO 52 FOR CURVE DATA.
 - ALL STATIONS AND OFFSETS ARE MEASURED FROM EX I-90/94 UNLESS OTHERWISE NOTED.
 - SEE SHEETS 54 TO 58 FOR RAMP EN REMOVAL DETAILS.



DI60X79-SHT-REM-06.dgn	DESIGNED - MKW	REVISED -
USER NAME = mkwilson	DRAWN - BMJ	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/27/2018	DATE - 7-30-2018	REVISED -

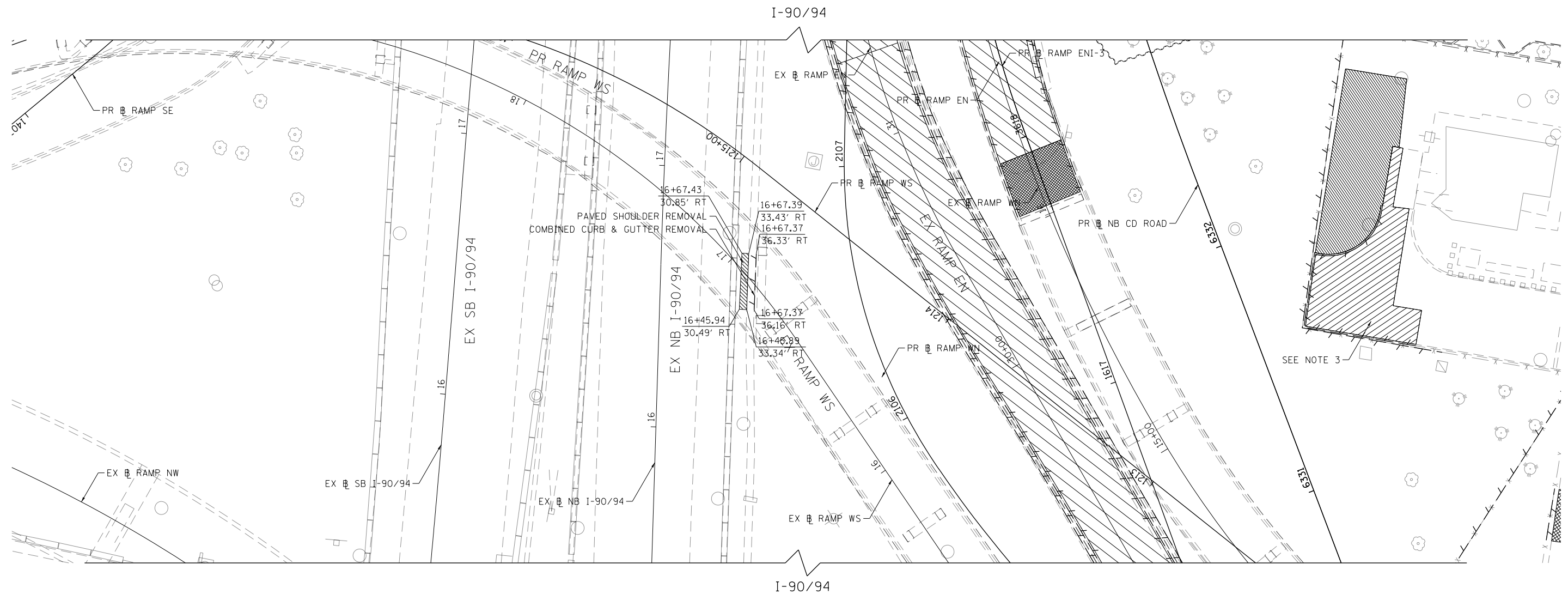
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN

SCALE: 1"=20' SHEET 6 OF 10 SHEETS STA. 1608+00 TO STA. 1611+50

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	59
CONTRACT NO. 60X79			ILLINOIS FED. AID PROJECT	

FILE PATH = p:\61779-P\INT\secomon\line\local\I-90\CDM\0502_MN\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\000_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-SHT-REM-07.dgn

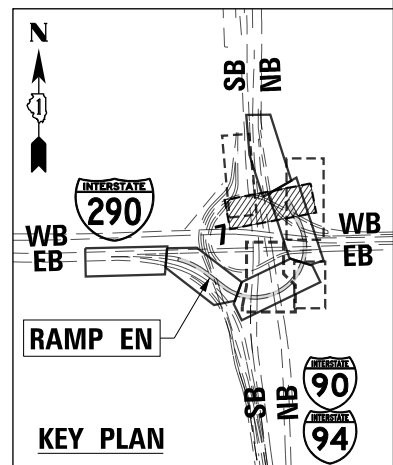
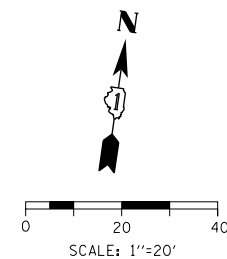


REMOVAL LEGEND

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

NOTES:

1. SEE ALIGNMENT AND TIES SHEETS NO. 43 TO 52 FOR CURVE DATA.
2. ALL STATIONS AND OFFSETS ARE MEASURED FROM EX I-90/94 UNLESS OTHERWISE NOTED.
3. SEE SHEET NO. 63 FOR PUMP STATION NO. 5 PARKING LOT REMOVAL PLAN.



D:\61779-P\INT\secomon\line\local\I-90\CDM\0502_MN\Documents\01_Americas\Transportation\60X79-SHT-REM-07.dgn	DESIGNED - MKW	REVISED -
USER NAME = mkwilson	DRAWN - BMJ	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/27/2018	DATE - 7-30-2018	REVISED -

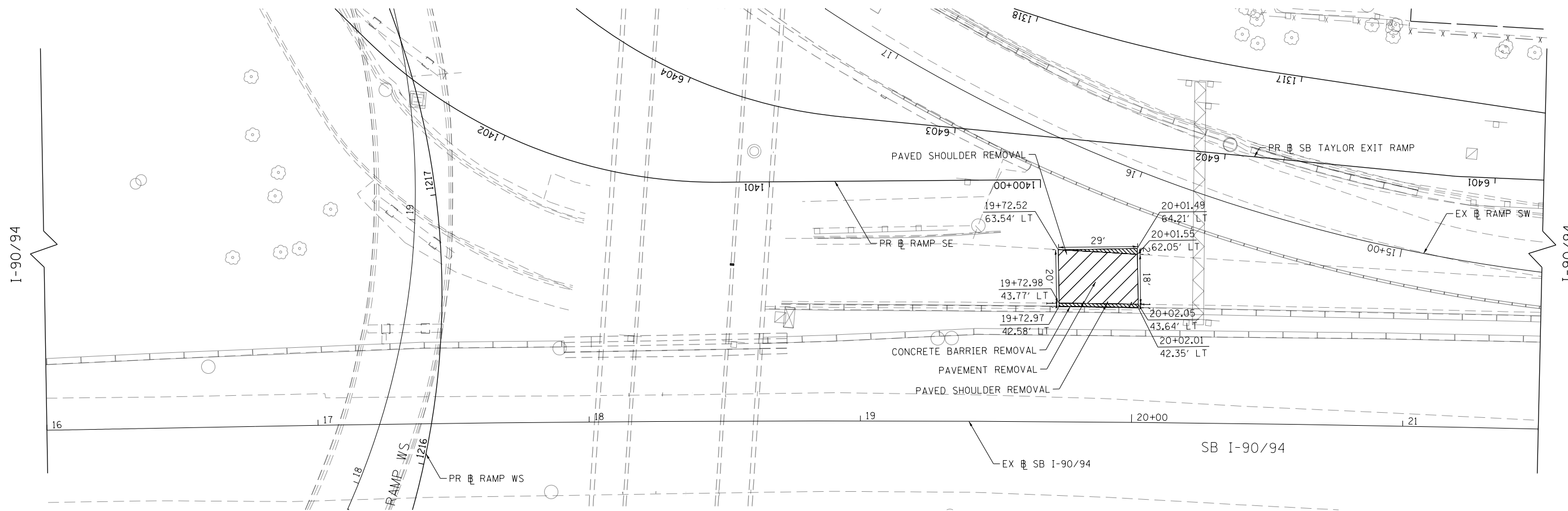
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN











SCALE: 1"=20' SHEET 7 OF 10 SHEETS STA. TO STA.

F.A.I. R.T.E. 90/94/290	SECTION 2014-005R&B	COUNTY COOK	TOTAL SHEETS 888	SHEET NO. 60
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

FILE PATH = p:\61779-P\INT\secomon\line\local\IAC\CDM_D502_NA\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\000_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-SHT-REM-08.dgn

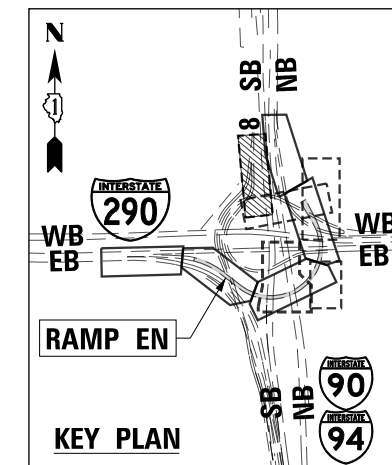
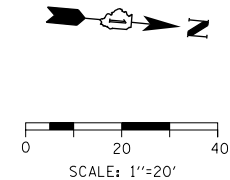


REMOVAL LEGEND

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

NOTES:

1. SEE ALIGNMENT AND TIES SHEETS NO. 43 TO 52 FOR CURVE DATA.
2. ALL STATIONS AND OFFSETS ARE MEASURED FROM EX I-90/94 UNLESS OTHERWISE NOTED.



D:\61779-P\INT\secomon\line\local\IAC\CDM_D502_NA\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\000_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-SHT-REM-08.dgn
USER NAME = mkwilson
PLOT SCALE = 40.0000' / in.
PLOT DATE = 7/27/2018

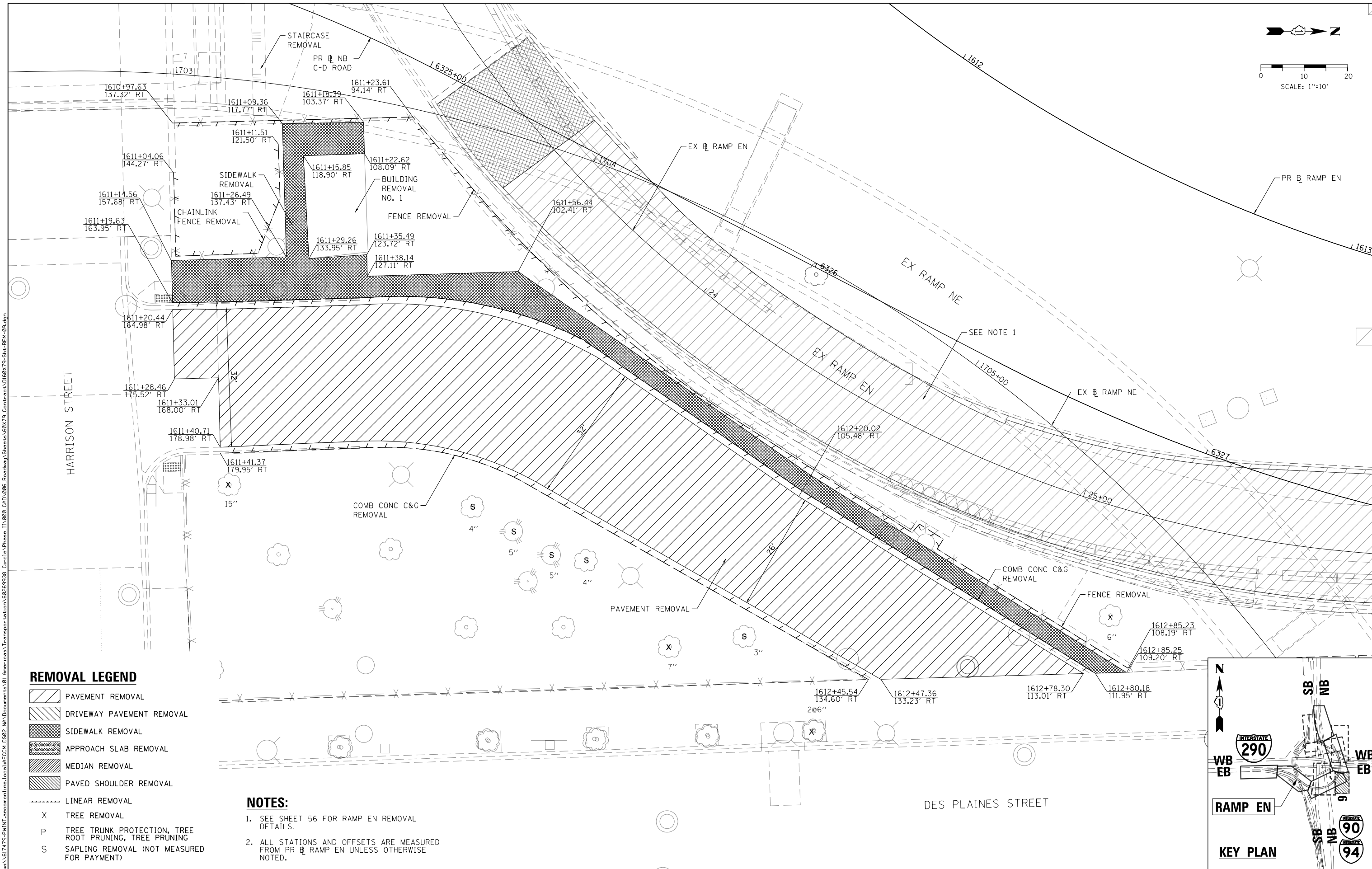
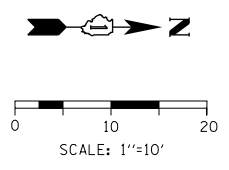
DESIGNED - MKW	REVISED -
DRAWN - BMJ	REVISED -
CHECKED - JMG	REVISED -
DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN

SCALE: 1"=20' SHEET 8 OF 10 SHEETS STA. TO STA.

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	61
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

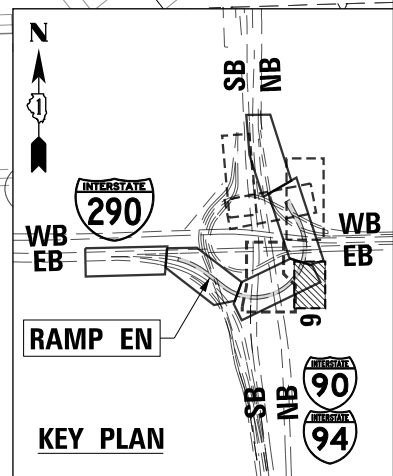


REMOVAL LEGEND

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

NOTES:

1. SEE SHEET 56 FOR RAMP EN REMOVAL DETAILS.
2. ALL STATIONS AND OFFSETS ARE MEASURED FROM PR NB RAMP EN UNLESS OTHERWISE NOTED.



FILE PATH = p:\617479-P\INT\ascomon\line\local\IACOM_D502_M\Documents\01_Americas\Transportation\60269938_Circle\Phase_11\000_CAD\006_Roadway_Sheets\6079_Contract\016079-Sht-REM-09.dgn



D:\617479-Sht-REM-09.dgn	DESIGNED - MKW	REVISED -
USER NAME = mkwilson	DRAWN - BMJ	REVISED -
PLOT SCALE = 20.0000' / 1"	CHECKED - JMG	REVISED -
PLOT DATE = 7/27/2018	DATE - 7-30-2018	REVISED -

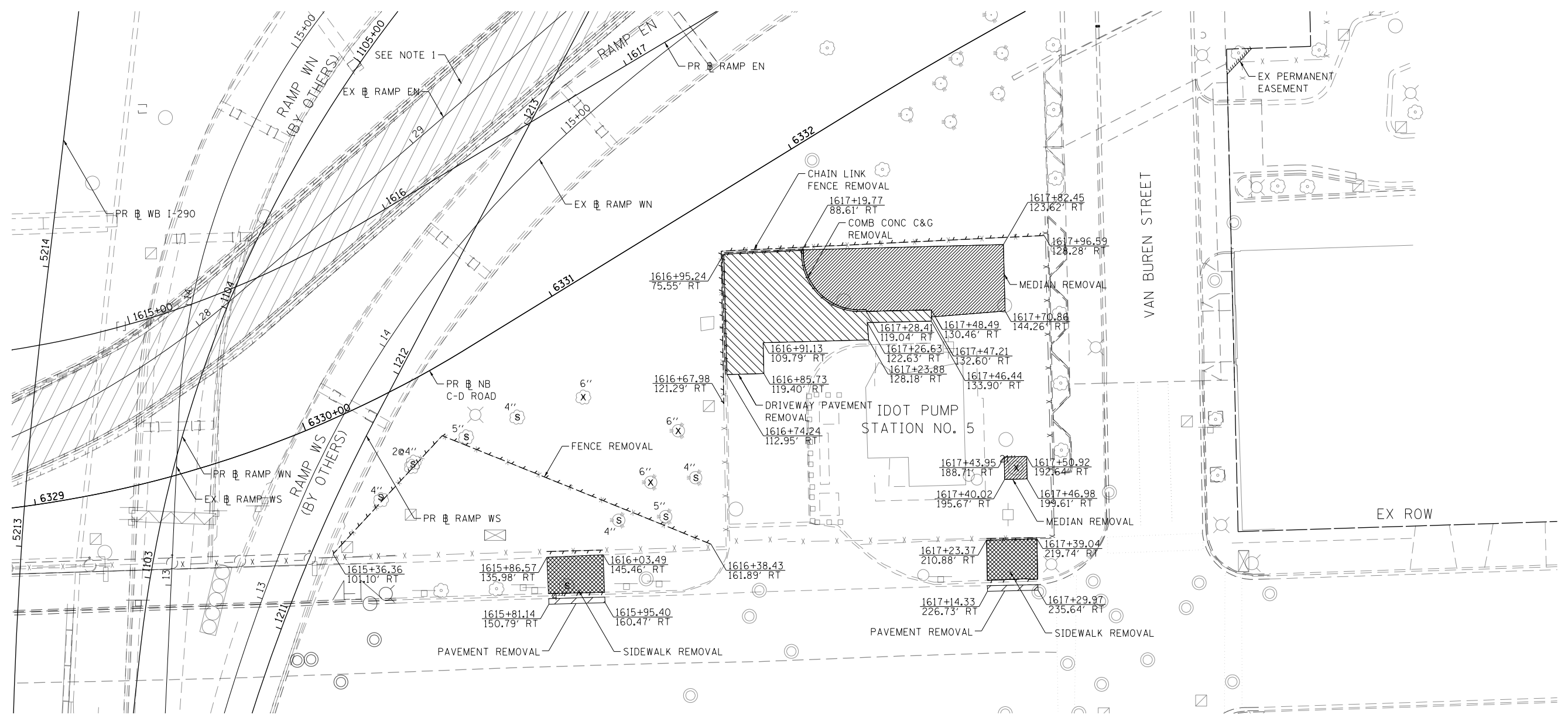
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN

SCALE: 1"=10' SHEET 9 OF 10 SHEETS STA. TO STA.

F.A.I. R.T.E. 90/94/290	SECTION 2014-005R&B	COUNTY COOK	TOTAL SHEETS 888	SHEET NO. 62
CONTRACT NO. 60X79				ILLINOIS FED. AID PROJECT

FILE PATH = p:\61779-P\INT\secomon1\local\IACOM_0502_MN\Documents\01_Americas\Transportation\60269938_Circle\Phase_11\000_CAD\006_Roadway\Sheets\60X79_Contract\016079-Sht-REM-10.dgn

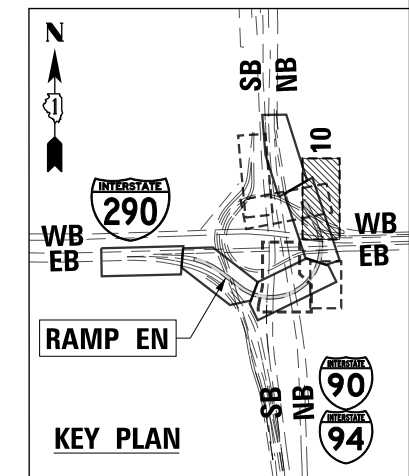
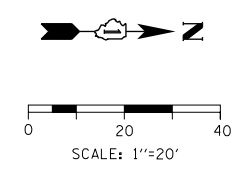


REMOVAL LEGEND

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

NOTES:

1. SEE SHEET 57 FOR RAMP EN REMOVAL DETAILS.
2. ALL STATIONS AND OFFSETS ARE MEASURED FROM PR RAMP EN UNLESS OTHERWISE NOTED.



D:\60X79-Sht-REM-10.dgn	DESIGNED - MKW	REVISED -
USER NAME = mkwilson	DRAWN - BMJ	REVISED -
PLOT SCALE = 40.0017' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/27/2018	DATE - 7-30-2018	REVISED -

DESIGNED - MKW	REVISED -
DRAWN - BMJ	REVISED -
CHECKED - JMG	REVISED -
DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN

SCALE: 1"=20' SHEET 10 OF 10 SHEETS STA. TO STA.

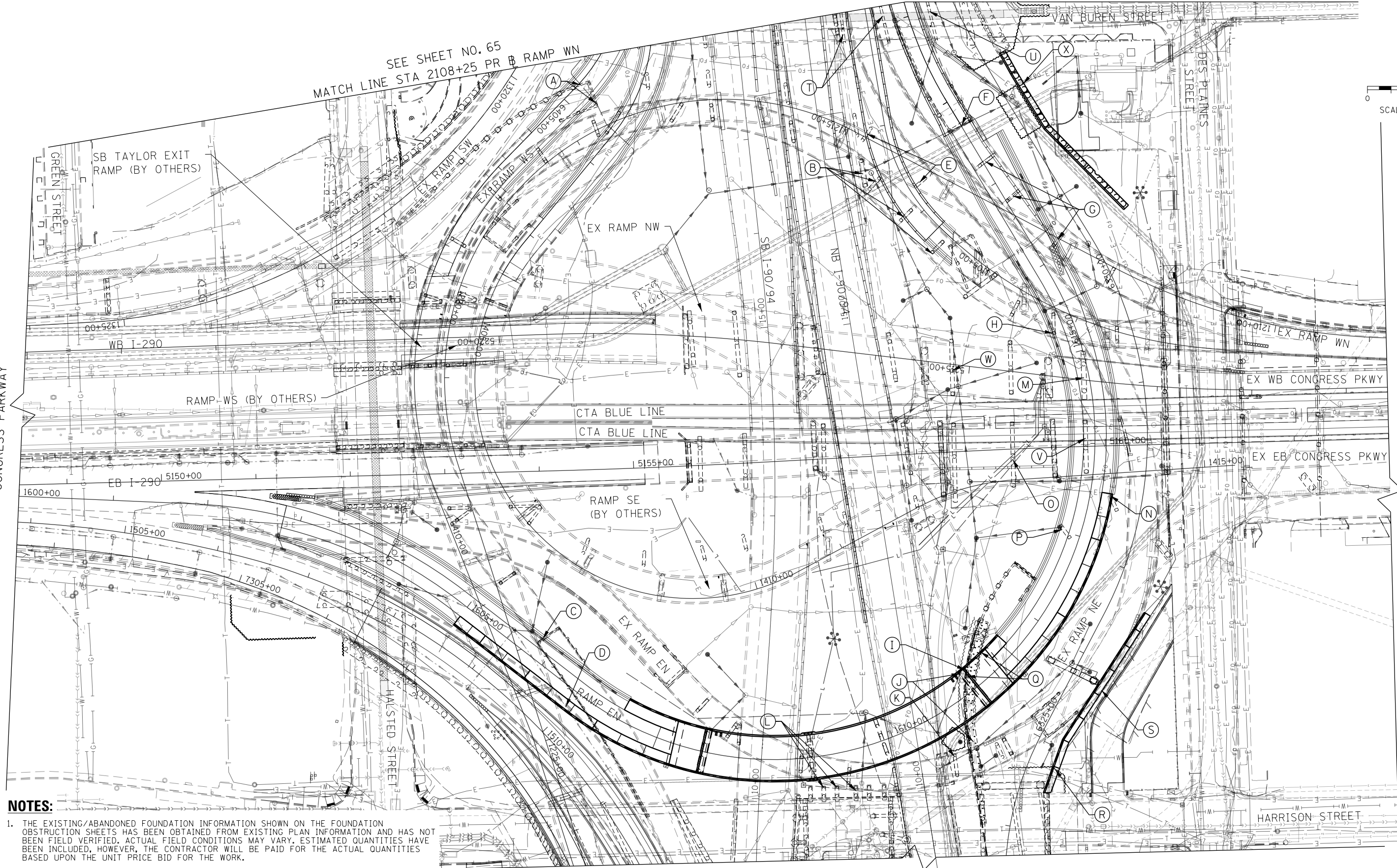
F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	63
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				



0 50 100
SCALE: 1" = 50'

SEE SHEET NO. 65

SEE SHEET NO. 65
MATCH LINE STA 2108+25 PR B RAMP WN



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 66 FOR SCHEDULE OF ITEMS AND ESTIMATED QUANTITIES OF CONCRETE REMOVAL, SPECIAL; SHEET PILE REMOVAL, SPECIAL AND PILE REMOVAL.

I-90/94

FILE PATH = p:\617479-P\INT\ascom\line\local\I-90\CDM\0502_MH\Documents\01_Americas\Transportation\60269938_Circle\Phase_11\000_CAD\006_Roadway\Sheets\60X79_Contract\016879-SHT-Foundation-Obstruction-01.dgn



D160X79-SHT-Foundation Obstruction-01.dgn
 USER NAME = mkwilson
 PLOT SCALE = 100.0000' / in.
 PLOT DATE = 7/29/2018

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

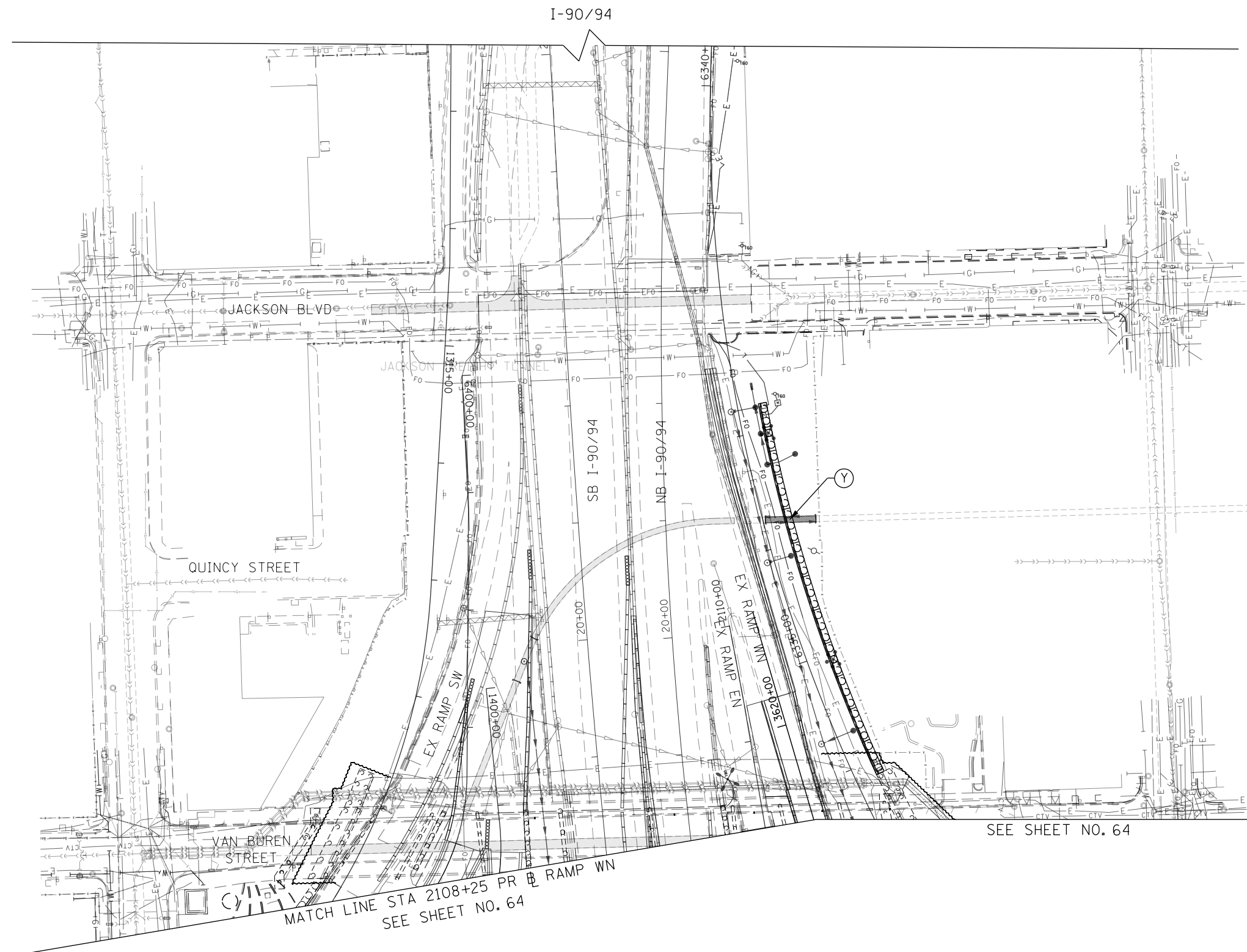
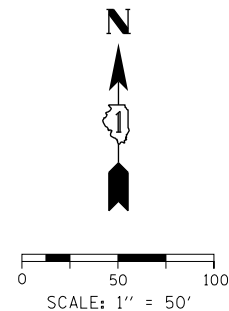
REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FOUNDATION OBSTRUCTIONS

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

F.A.I. RTE. 90/94/290	SECTION 2014-005R&B	COUNTY COOK	TOTAL SHEETS 888	SHEET NO. 64
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X79	



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 66 FOR SCHEDULE OF ITEMS AND ESTIMATED QUANTITIES OF CONCRETE REMOVAL, SPECIAL; SHEET PILE REMOVAL, SPECIAL AND PILE REMOVAL.

FILE PATH = p:\617479-P\INT\pacom\line\local\IACOM_0502_MN\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\000_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-SHT-FOUNDATION_Obstruction-02.dgn



D:\60X79-SHT-FOUNDATION_Obstruction-02.dgn	DESIGNED - BMJ	REVISED -
USER NAME = mkwilson	DRAWN - BMJ	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/31/2018	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	2014-005R&B	COOK	888	65
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

FOUNDATION OBSTRUCTION SCHEDULE

POTENTIAL CONFLICT		CONCRETE REMOVAL, SPECIAL	SHEET PILE REMOVAL, SPECIAL	PILE REMOVAL	REMOVAL OF EXISTING STRUCTURES NO. 1	FOUNDATION CONSTRUCTION AT EXISTING OBSTRUCTIONS	REMOVAL OF SOIL RETENTION SYSTEM
EXISTING ITEM	PROPOSED ITEM	CY	SF	LF	L SUM	EACH	L SUM
A	EX RETAINING WALLS	PR ITS	X	-	-	-	-
B	EX RAMP WS PIER FOUNDATION	PR STORM SEWER AND ROADWAY	X	-	-	-	-
C	EX RAMP WS ABUTMENT	PR STORM SEWER	X	-	-	-	-
D	EX RAMP WS ABUTMENT	PR SN 016-1807	X	-	-	-	-
E	ABANDONED RAMP NW PIER FOUNDATION	PR ROADWAY	X	-	-	-	-
F	EX RAMP WN ABUTMENT	PR STORM SEWER AND ROADWAY	X	-	-	-	-
G	EX RAMP WN PIER FOUNDATION	PR ROADWAY	X	-	-	-	-
H	EX RAMP WS PIER FOUNDATION	PR STORM SEWER AND ROADWAY	X	-	-	-	-
I	ABANDONED RAMP NE RETAINING WALL	PR SN 016-1712	-	-	-	X	-
J	ABANDONED RAMP NE RETAINING WALL	PR STORM SEWER	X	X	X	-	-
K	EX RAMP EN PIER FOUNDATION	PR STORM SEWER	-	-	-	X	-
L	EX PIER FOUNDATION	PR ITS	X	-	-	-	-
M	ABANDONED WB I-290 PIER FOUNDATION	PR ROADWAY	X	-	-	-	-
N	ABANDONED RAMP NE PIER FOUNDATION	PR SN 016-1811	X	-	-	-	-
O	ABANDONED EB I-290 PIER FOUNDATION	PR LIGHTING	X	-	-	-	-
P	ABANDONED RAMP NE PIER FOUNDATION	PR STORM SEWER AND ROADWAY	X	-	-	-	-
Q	ABANDONED RAMP NE RETAINING WALL	PR SN 016-1811	X	X	-	-	-
R	ABANDONED HARRISON STREET SHEET PILING	PR SN 016-1813	-	-	-	-	X
S	EX RAMP EN SHEET PILING	PR SN 016-1813	-	-	-	-	X
T	ABANDONED VAN BUREN PIER FOUNDATION	PR ROADWAY GRADING	X	-	-	-	-
U	ABANDONED VAN BUREN PIER FOUNDATION	PR ROADWAY GRADING	X	-	-	-	-
V	ABANDONED EB CONGRESS PIER FOUNDATION	PR ROADWAY	X	-	-	-	-
W	ABANDONED WB CONGRESS PIER FOUNDATION	PR ROADWAY	X	-	-	-	-
X	EX SHEET STEEL AT AT&T DUCT BANK	PR SN 016-1839	-	X	-	-	-
Y	EX CTA 5' WATER TUNNEL	PR SN 016-1814	-	-	-	X	-
TOTAL:		80.0	200	10	1	5	1

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

FILE PATH = p:\61779-PMINT\secomon\line\local\IACOM\DS02_NA\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\000_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-SHT-Foundation-Obstruction-03.dgn



D160X79-SHT-Foundation Obstruction-03.dgn
 USER NAME = mkwilson
 PLOT SCALE = 100.0000' / in.
 PLOT DATE = 7/31/2018

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

REVISED -
 REVISED -
 REVISED -
 REVISED -

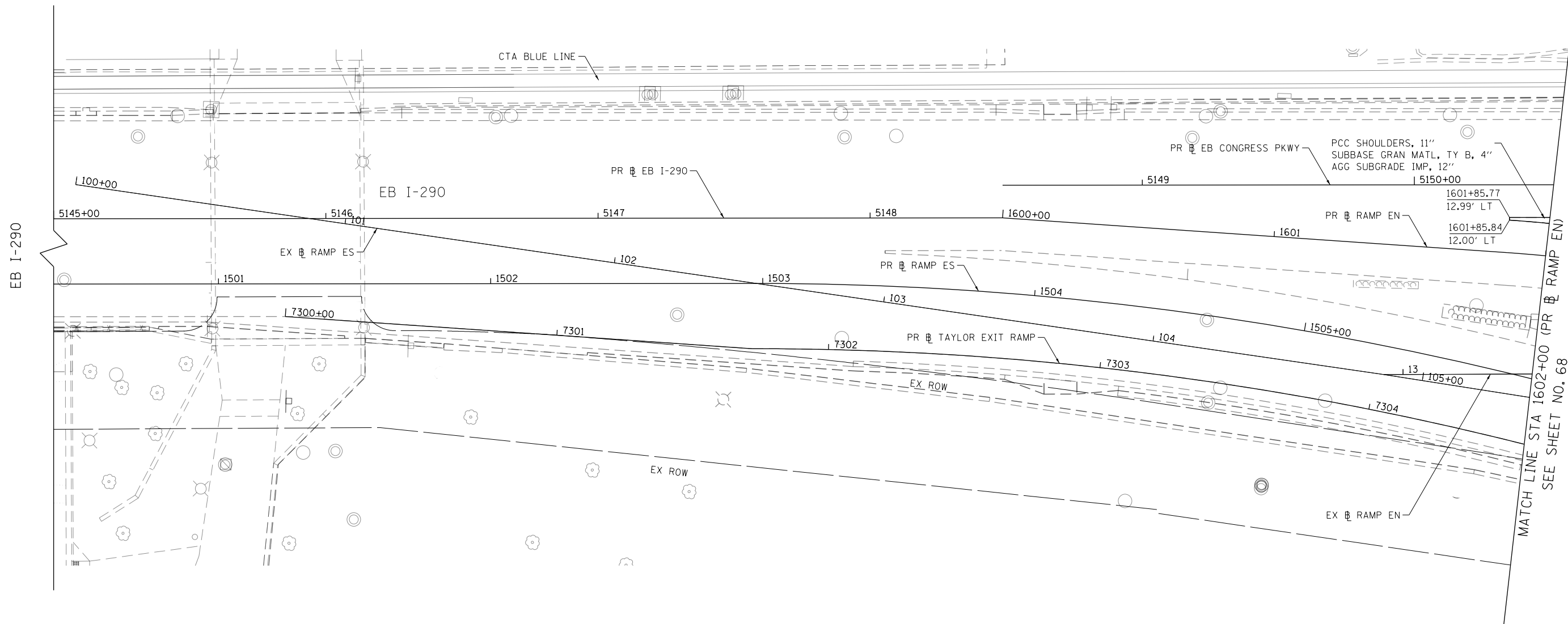
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

FOUNDATION OBSTRUCTIONS

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

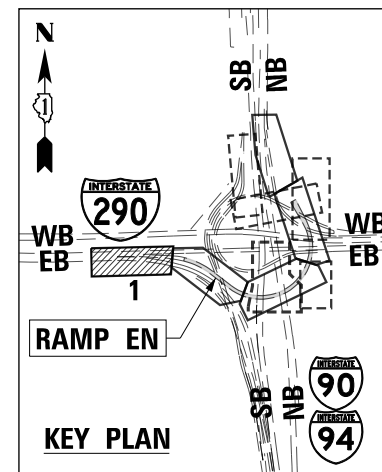
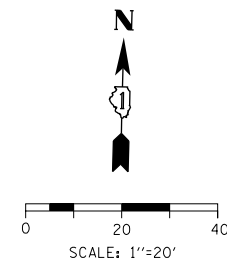
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	66
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X79	

FILE PATH = p:\61779-PMINT\secomon\line\local\IACOM\DS02_MH\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\000_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-SHT-PLAN-01.dgn



NOTES:

1. SEE ALIGNMENT AND TIES SHEETS NO. 43 TO 52 FOR CURVE DATA.
2. ALL STATIONS AND OFFSETS ARE MEASURED FROM PR RAMP EN UNLESS OTHERWISE NOTED.



DI60X79-SHT-PLAN-01.dgn
 USER NAME = mkwilson
 PLOT SCALE = 40.0000' / in.
 PLOT DATE = 7/27/2018

DESIGNED - MKW
 DRAWN - BMJ
 CHECKED - JMG
 DATE - 7-30-2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

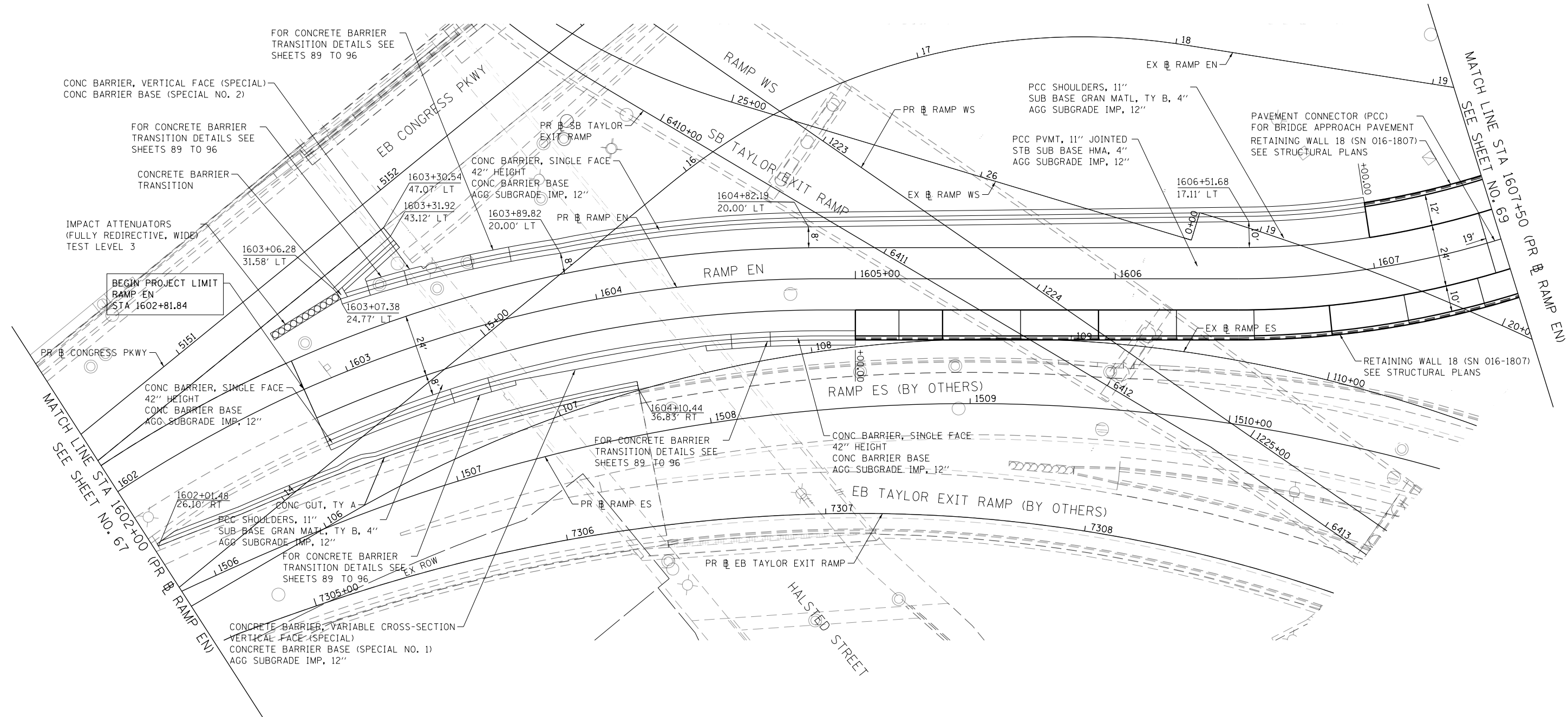
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN

SCALE: 1"=20' SHEET 1 OF 10 SHEETS STA. TO STA. 1602+00

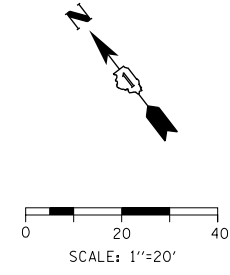
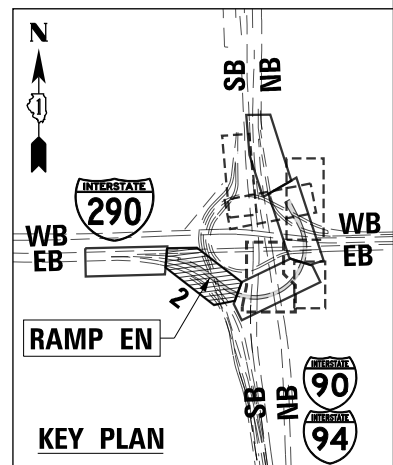
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	67
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

FILE PATH = p:\61779-P\INT\ascomon\line\local\IACOM_D502_MN\Documents\01_Americas\Transportation\60269938_Circle\Phase_11\000_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-SHT-PLAN-02.dgn



NOTES:

1. SEE ALIGNMENT AND TIES SHEETS NO. 43 TO 52 FOR CURVE DATA.
2. ALL STATIONS AND OFFSETS ARE MEASURED FROM PR EB RAMP EN UNLESS OTHERWISE NOTED.



D:\60X79-SHT-PLAN-02.dgn	DESIGNED - MKW	REVISED -
USER NAME = mkwilson	DRAWN - BMJ	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 9/10/2018	DATE - 9-10-2018	REVISED -

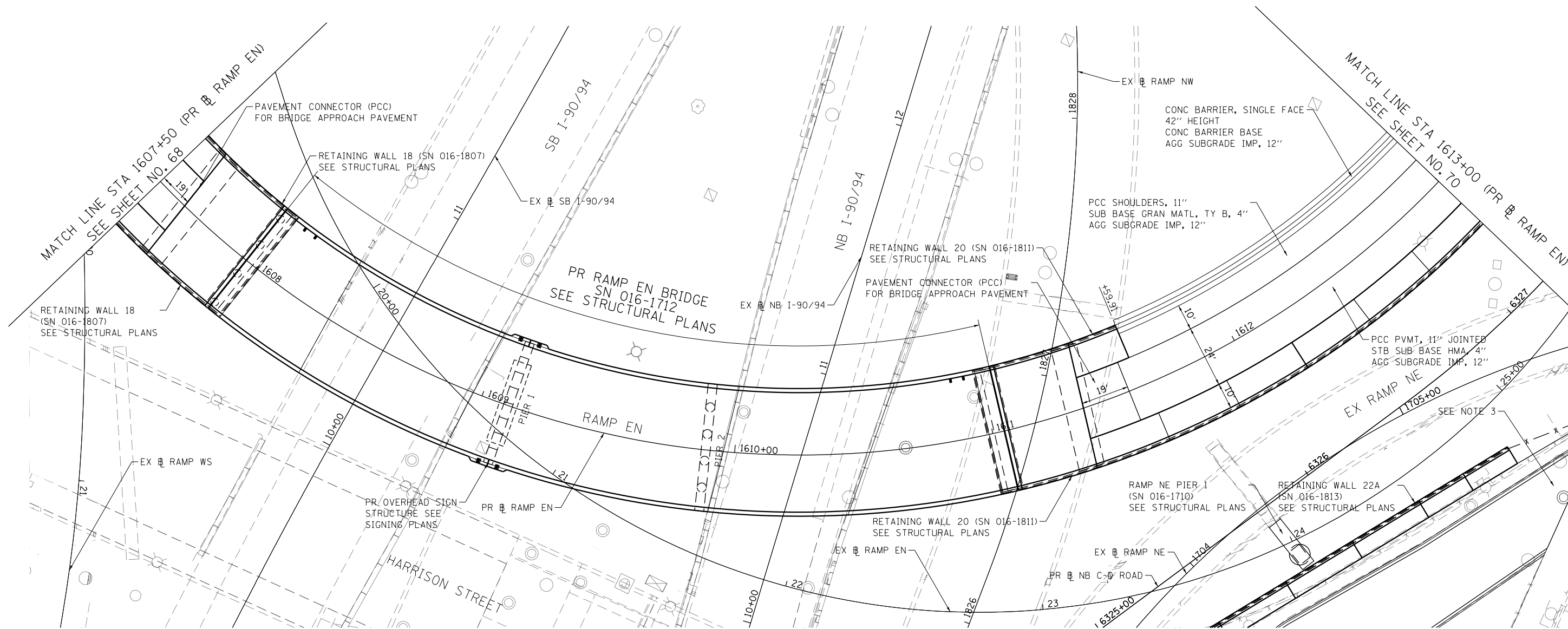
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN

SCALE: 1"=20' SHEET 2 OF 10 SHEETS STA. 1602+00 TO STA. 1607+50

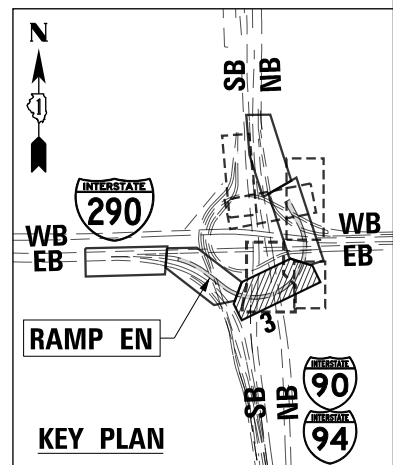
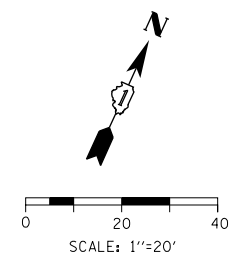
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	68
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

FILE PATH = p:\61779-P\INT\secomon\line\local\IAC\CDM_D902_MN\Documents\01_Americas\Transportation\60269938_Circle\Phase_11\000_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-SHT-PLAN-03.dgn



NOTES:

1. SEE ALIGNMENT AND TIES SHEETS NO. 43 TO 52 FOR CURVE DATA.
2. ALL STATIONS AND OFFSETS ARE MEASURED FROM PR RAMP EN UNLESS OTHERWISE NOTED.
3. SEE SHEET NO. 75 FOR CTA BUS TURNAROUND ROADWAY PLAN.



D:\60X79-SHT-PLAN-03.dgn	DESIGNED - MKW	REVISED -
USER NAME = ml-roe	DRAWN - BMJ	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 9/7/2018	DATE - 9-10-2018	REVISED -

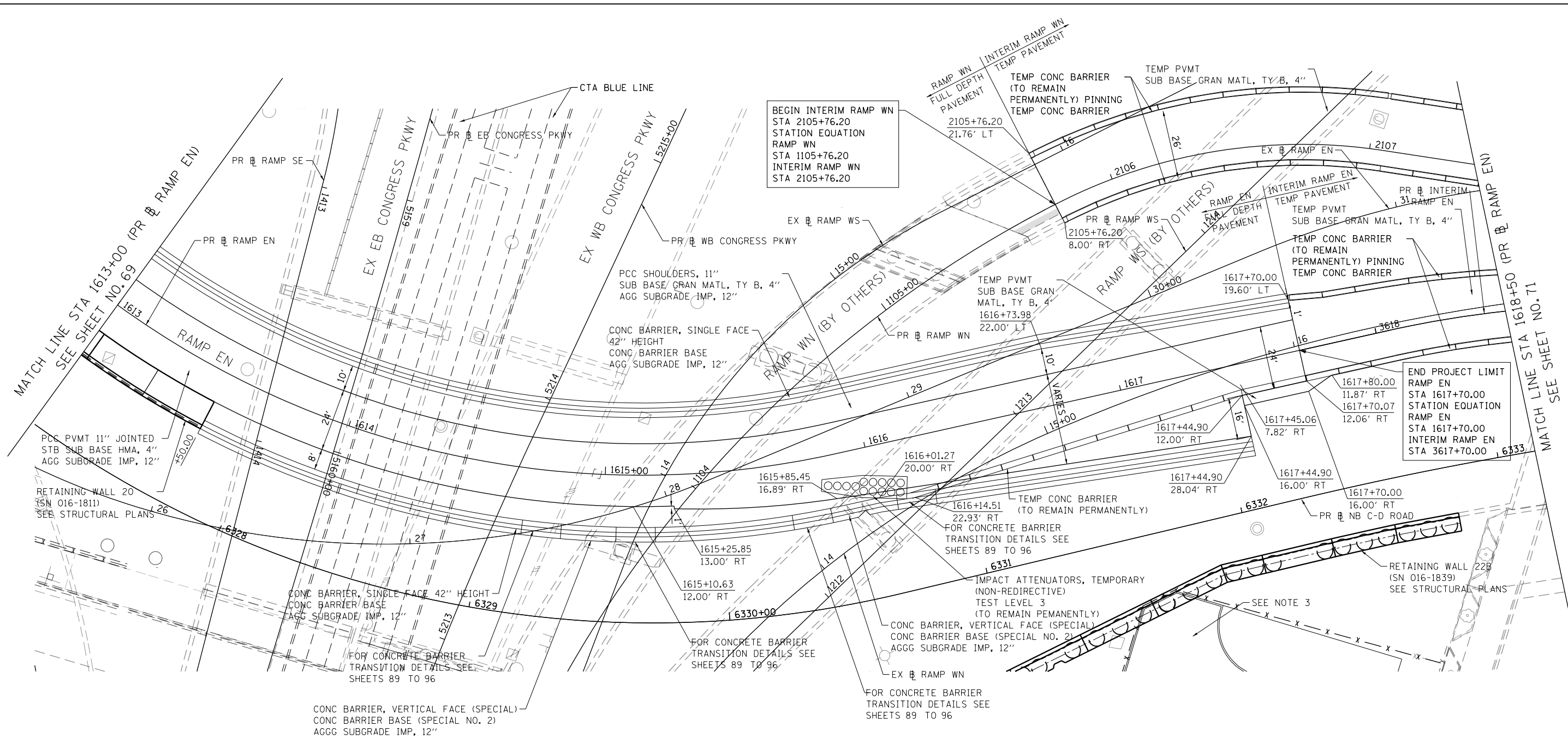
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN

SCALE: 1"=20' SHEET 3 OF 10 SHEETS STA. 1607+50 TO STA. 1613+00

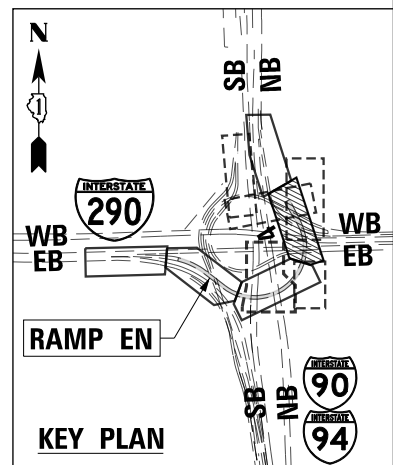
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	69
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

FILE PATH = p:\61779-P\INT\secomon\line\local\IACOM\DS02_MH\Documents\01_Americas\Transportation\60269938_Circle\Phase_11\000_CAD\006_Roadway\Sheets\60X79_Contract\016079-SHT-PLAN-04.dgn



NOTES:

1. SEE ALIGNMENT AND TIES SHEETS NO. 43 TO 52 FOR CURVE DATA.
2. ALL STATIONS AND OFFSETS ARE MEASURED FROM PR RAMP EN UNLESS OTHERWISE NOTED.
3. SEE SHEET NO. 76 FOR PUMP STATION NO. 5 PARKING LOT ROADWAY PLAN.



D:\60X79-SHT-PLAN-04.dgn	DESIGNED - MKW	REVISED -
USER NAME = mkwilson	DRAWN - BMJ	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 9/10/2018	DATE - 9-10-2018	REVISED -

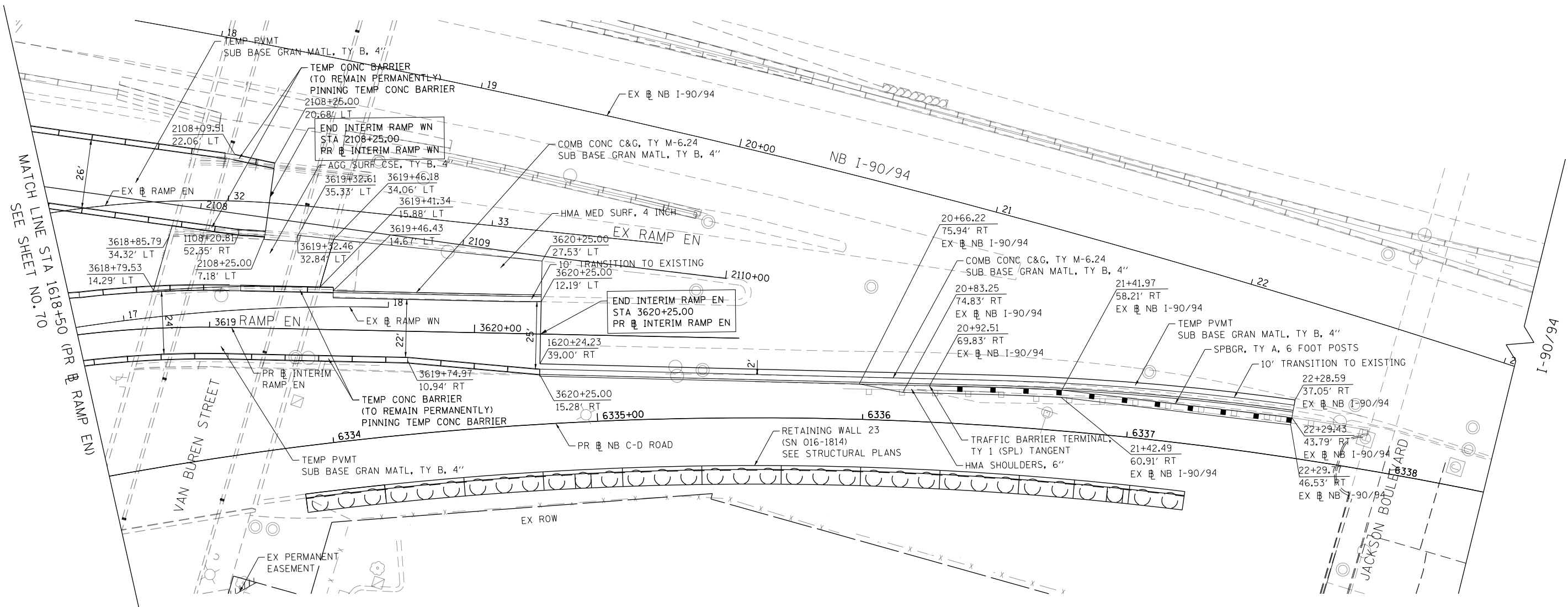
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN

SCALE: 1"=20' SHEET 4 OF 10 SHEETS STA. 1613+00 TO STA. 1618+50

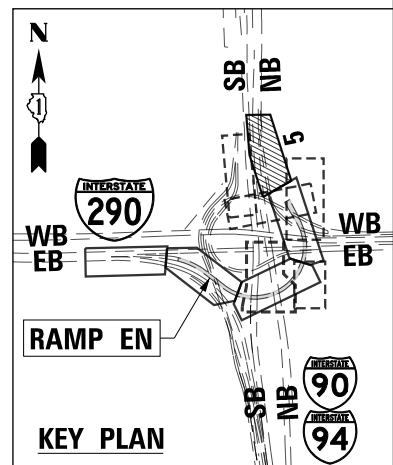
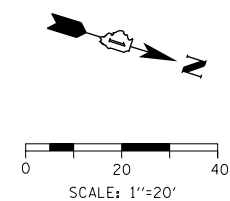
F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	70
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

FILE PATH = p:\61779-P\INT\secomon\line\local\IACOM_D502_MH\Documents\01_Americas\Transportation\60269938_Circle\Phase_11\000_CAD\006_Roadway\Sheets\60X79_Contract\016079-SHT-PLAN-05.dgn



NOTES:

1. SEE ALIGNMENT AND TIES SHEETS NO. 43 TO 52 FOR CURVE DATA.
2. ALL STATIONS AND OFFSETS ARE MEASURED FROM PR RAMP EN UNLESS OTHERWISE NOTED.



DI60X79-SHT-PLAN-05.dgn	DESIGNED - MKW	REVISED -
USER NAME = mkwilson	DRAWN - BMJ	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/27/2018	DATE - 7-30-2018	REVISED -

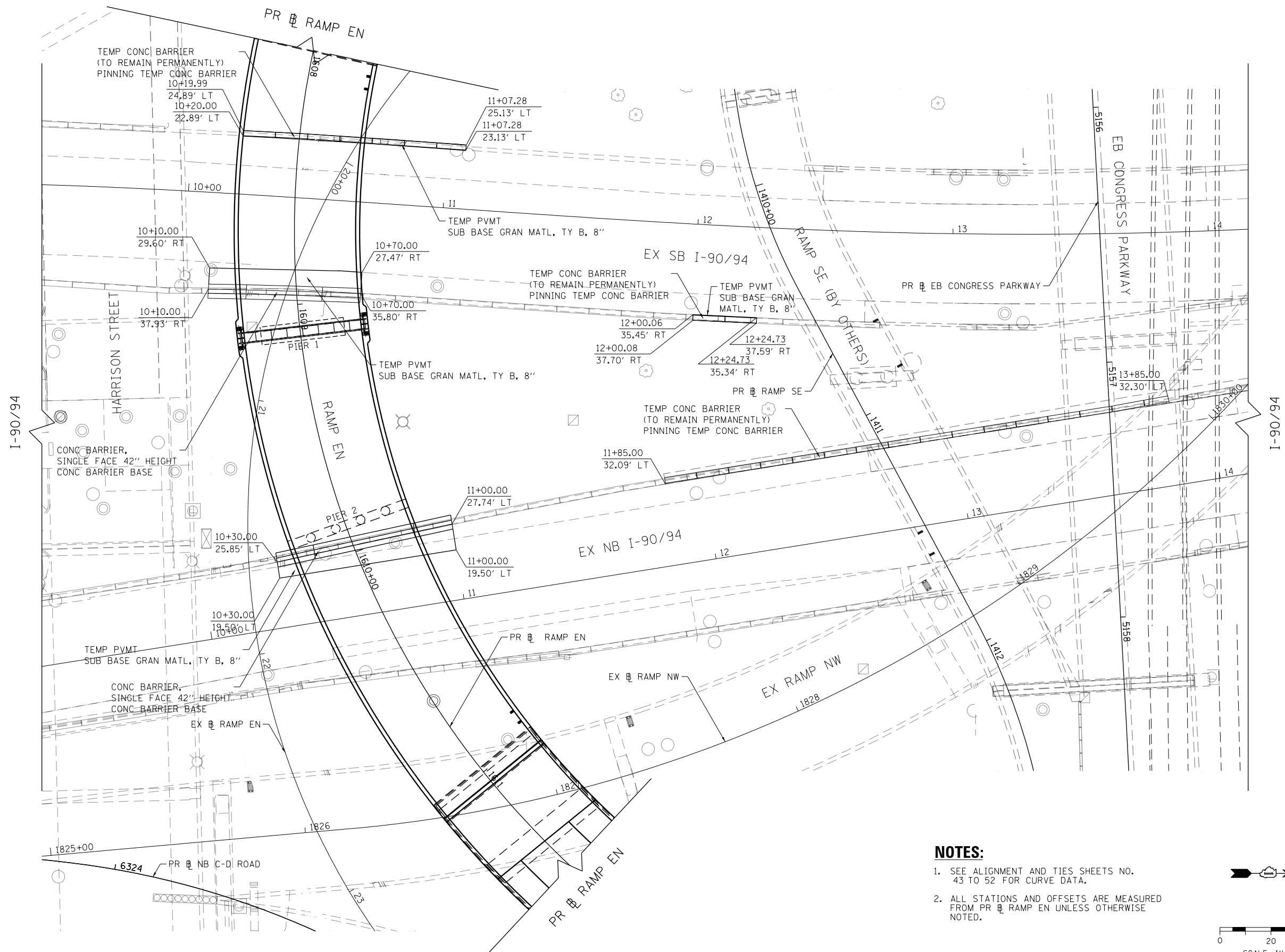
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN

SCALE: 1"=20' SHEET 5 OF 10 SHEETS STA. 1618+50 TO STA. 1624+00

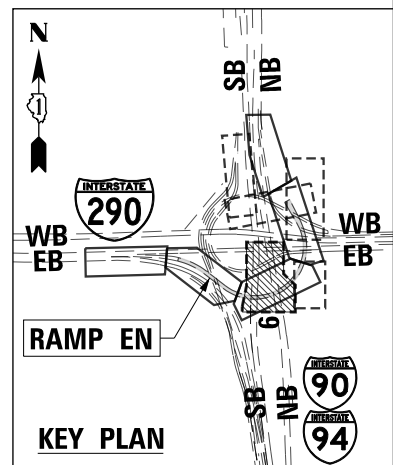
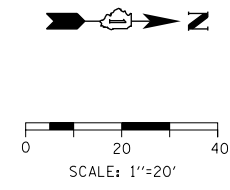
F.A.I. RTE. 90/94/290	SECTION 2014-005R&B	COUNTY COOK	TOTAL SHEETS 888	SHEET NO. 71
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

FILE PATH = p:\61779-P\INT\recomon\line\local\IACOM_D502_NA\Documents\01_Americas\Transportation\60269938_Circle\Phase_11\006_CAD\006_Roadway\Sheets\60X79_Contract\016079-SHT-PLAN-06.dgn



NOTES:

1. SEE ALIGNMENT AND TIES SHEETS NO. 43 TO 52 FOR CURVE DATA.
2. ALL STATIONS AND OFFSETS ARE MEASURED FROM PR EB RAMP EN UNLESS OTHERWISE NOTED.



D160X79-SHT-PLAN-06.dgn
 USER NAME = mkwilson
 PLOT SCALE = 40.0000' / in.
 PLOT DATE = 7/27/2018

DESIGNED - MKW
 DRAWN - BMJ
 CHECKED - JMG
 DATE - 7-30-2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

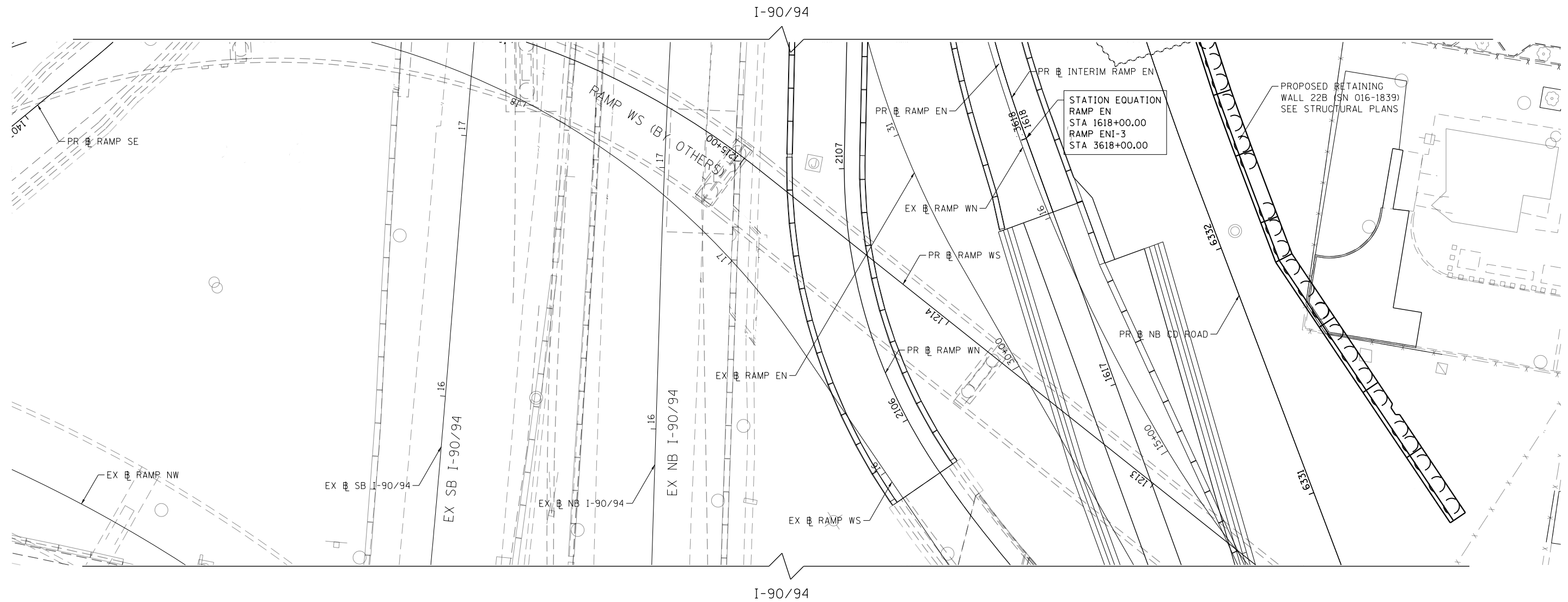
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN

SCALE: 1"=20' SHEET 6 OF 10 SHEETS STA. TO STA.

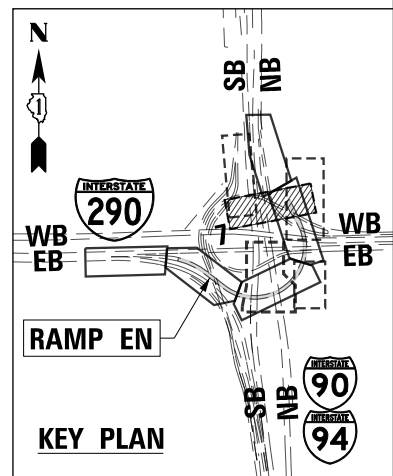
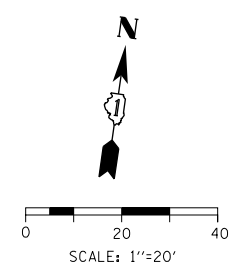
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	72
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

FILE PATH = p:\61779-PMINT\pccommon\line\local\IACOMLDS02_MN\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\000_CAD\006_Roadway\Sheets\60x79_Contract\0160x79-SHT-PLAN-07.dgn



NOTES:

1. SEE ALIGNMENT AND TIES SHEETS NO. 43 TO 52 FOR CURVE DATA.
2. ALL STATIONS AND OFFSETS ARE MEASURED FROM EX NB I-90/94 UNLESS OTHERWISE NOTED.



D:\60x79-SHT-PLAN-07.dgn
USER NAME = mkwilson
PLOT SCALE = 40.0000' / in.
PLOT DATE = 7/27/2018

DESIGNED - MKW	REVISED -
DRAWN - BMJ	REVISED -
CHECKED - JMG	REVISED -
DATE - 7-30-2018	REVISED -

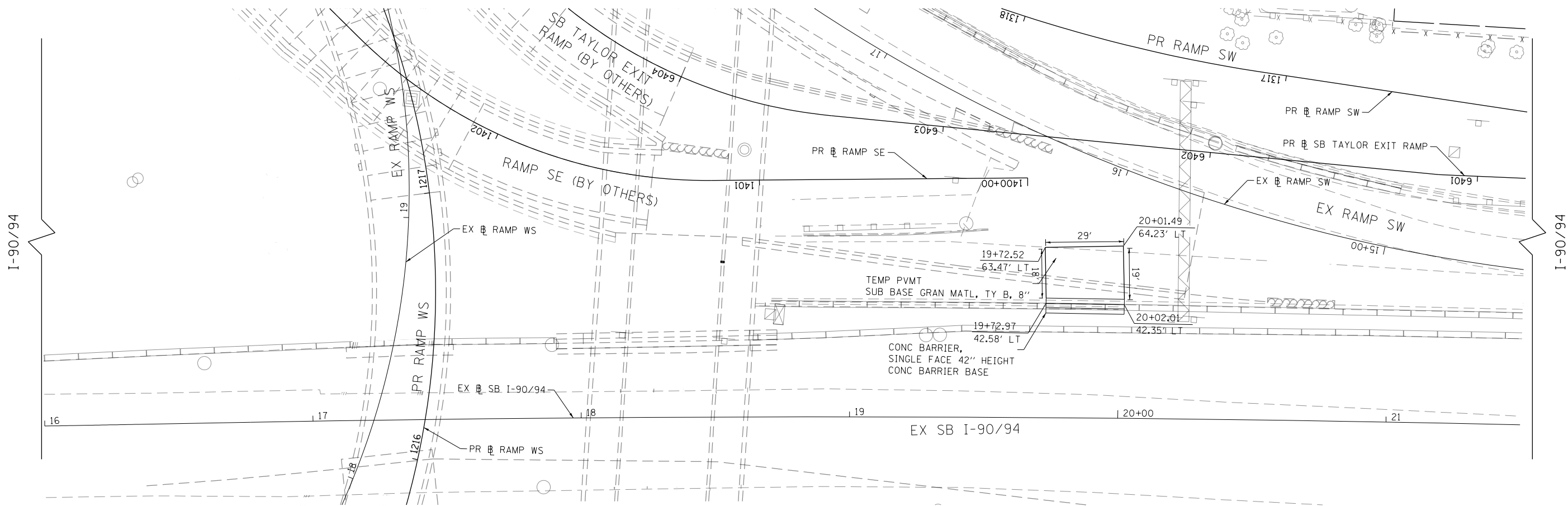
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN

SCALE: 1"=20' SHEET 7 OF 10 SHEETS STA. TO STA.

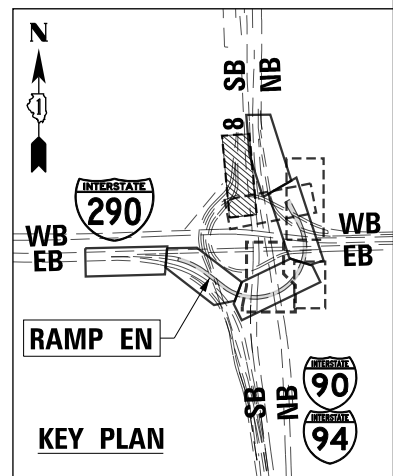
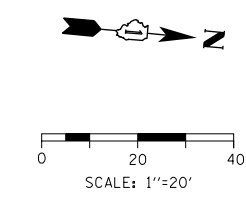
F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	73
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

FILE PATH = p:\61779-P\MINT\pacomon1\loc\l\p\ECOM_D902_NA\Documents\01_Americas\Transportation\60269538_Circle\Phase_1\2006_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-SHT-PLAN-08.dgn



NOTES:

- 1. SEE ALIGNMENT AND TIES SHEETS NO. 43 TO 52 FOR CURVE DATA.
- 2. ALL STATIONS AND OFFSETS ARE MEASURED FROM EX SB I-90/94 UNLESS OTHERWISE NOTED.



DI60X79-SHT-PLAN-08.dgn
USER NAME = mkwilson
PLOT SCALE = 40.0000' / in.
PLOT DATE = 7/27/2018

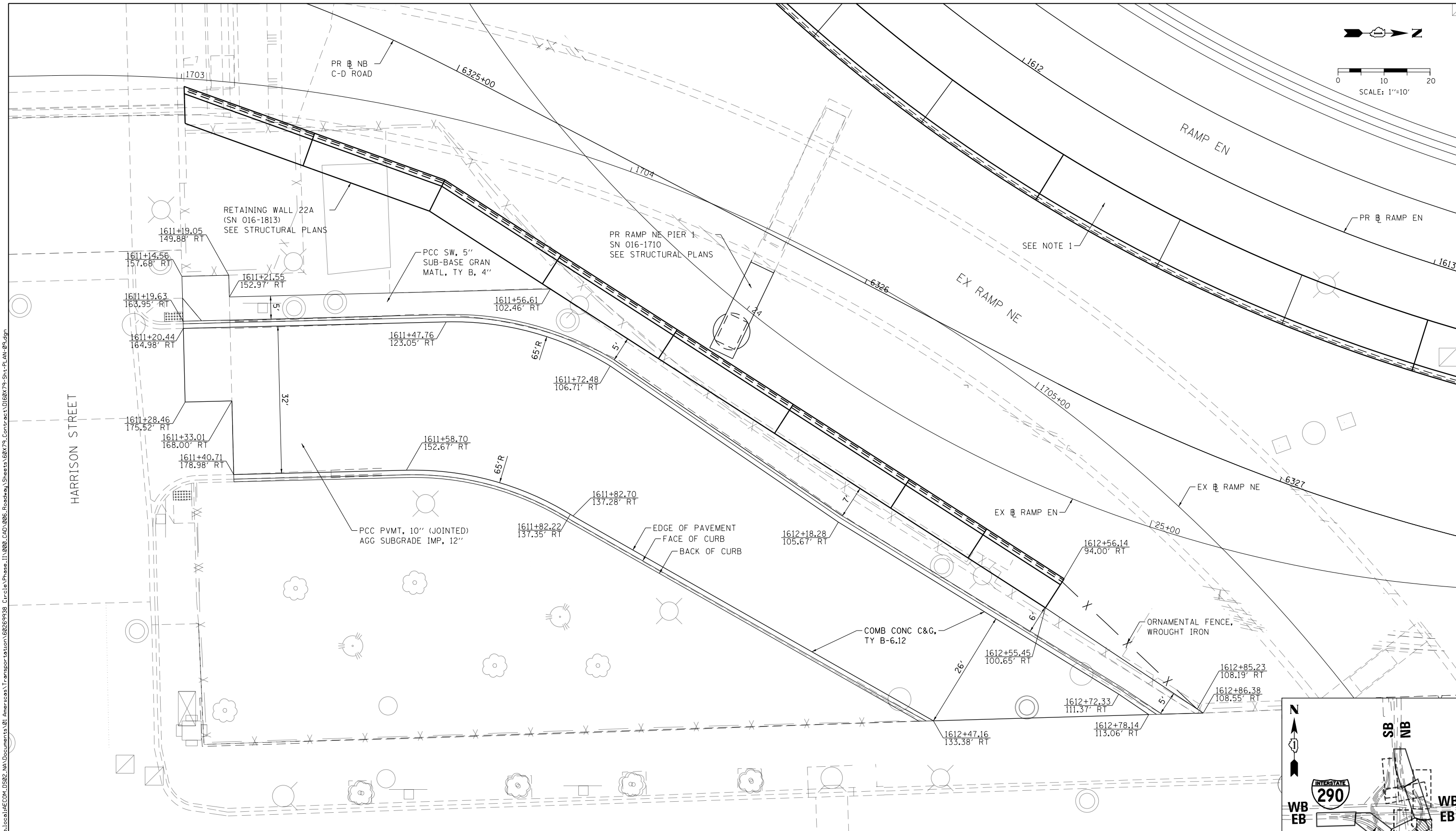
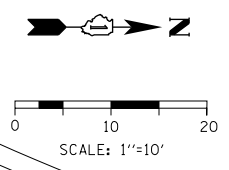
DESIGNED - MKW	REVISED -
DRAWN - BMJ	REVISED -
CHECKED - JMG	REVISED -
DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN

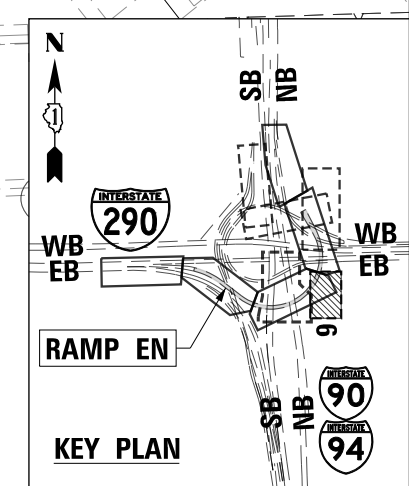
SCALE: 1"=20' SHEET 8 OF 10 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2014-005R&B	COUNTY COOK	TOTAL SHEETS 888	SHEET NO. 74
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				



NOTES:

1. SEE SHEET NO. 69 FOR RAMP EN PLAN DETAILS.
2. ALL STATIONS AND OFFSETS ARE MEASURED FROM PR RAMP EN UNLESS OTHERWISE NOTED.



FILE PATH = p:\617479-P\INT\ascomon\line\local\IACOM\DS02_MH\Documents\01_Americas\Transportation\60269938_Circle\Phase_11\000_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-Sht-PLAN-09.dgn



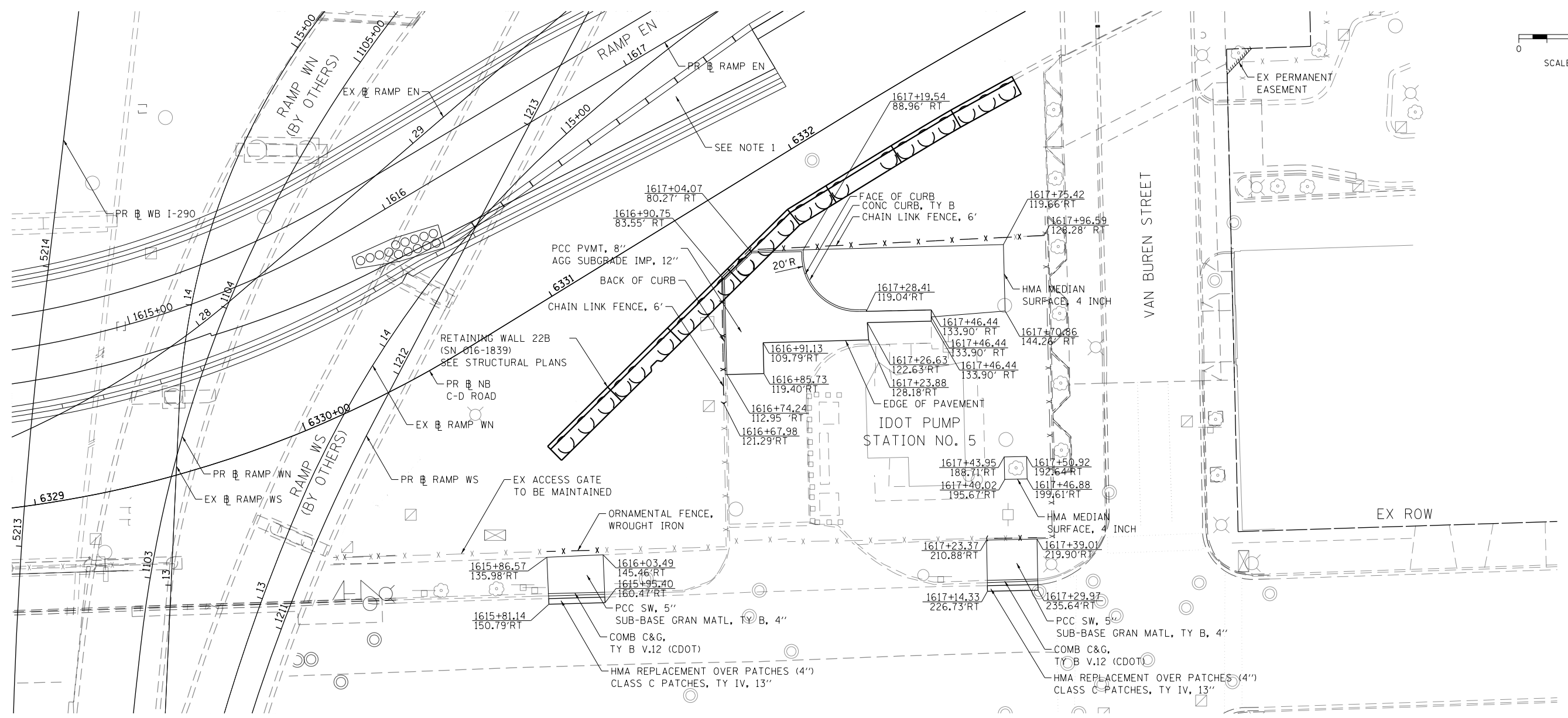
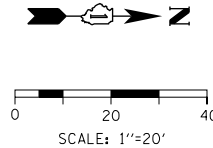
DI60X79-Sht-PLAN-09.dgn	DESIGNED - MKW	REVISED -
USER NAME = mkwilson	DRAWN - BMJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/27/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN

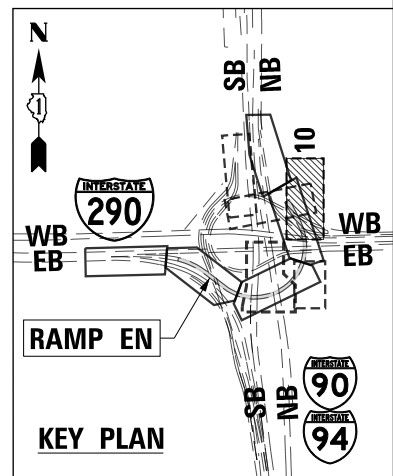
SCALE: 1"=10' SHEET 9 OF 10 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2014-005R&B	COUNTY COOK	TOTAL SHEETS 888	SHEET NO. 75
CONTRACT NO. 60X79				ILLINOIS FED. AID PROJECT



NOTES:

1. SEE SHEET NO. 70 FOR RAMP EN PLAN DETAILS.
2. ALL STATIONS AND OFFSETS ARE MEASURED FROM PR \square RAMP EN UNLESS OTHERWISE NOTED.



FILE PATH = p:\617479-P\INT\secomon\line\local\IACOM_D502_NA\Documents\01_Americas\Transportation\60269938_Circle\Phase_11\000_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-Sht-PLAN-10.dgn



D:\60X79-Sht-PLAN-10.dgn	DESIGNED - MKW	REVISED -
USER NAME = mkwilson	DRAWN - BMJ	REVISED -
PLOT SCALE = 40.0017' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/27/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN

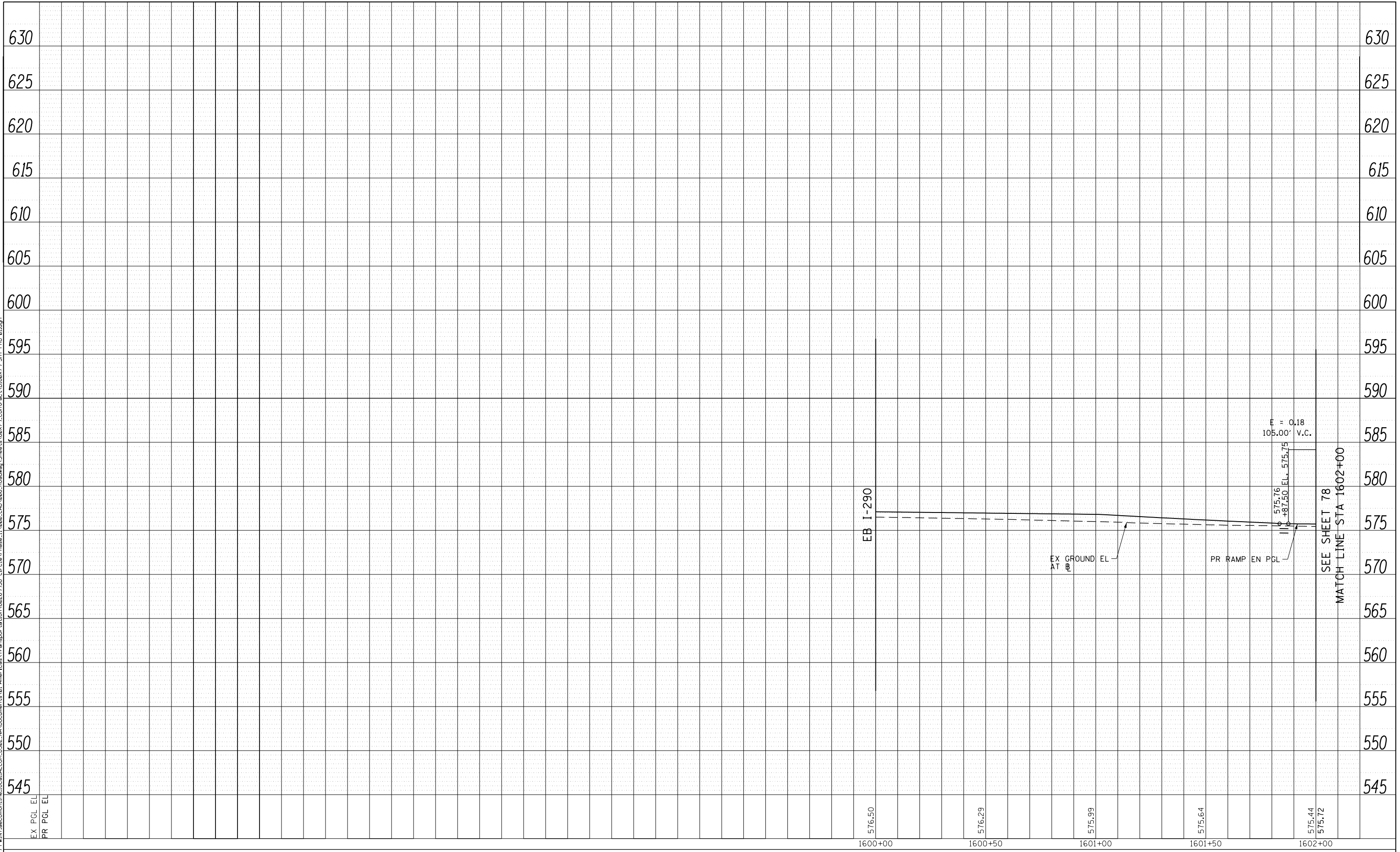
SCALE: 1"=20' SHEET 10 OF 10 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2014-005R&B	COUNTY COOK	TOTAL SHEETS 888	SHEET NO. 76
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	ALIGNED	
	CAD FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	GRADES CHECKED	
	STRUCTURE NOT AT THIS CHKD	

FILE PATH = p:\6179-P\INT\rescom\line\local\RECOM_0502_M\Documents\01 America's Transportation\62269938 Circle\Phase 1\2008_CAD\006 Roadway\Sheets\8079\Contract\018079-SHT-PRO-01.dgn



DI60X79-SHT-PRO-01.dgn	DESIGNED - MKW	REVISED -
USER NAME = mkwilson	DRAWN - BMJ	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/27/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PROFILE RAMP EN			
SCALE: 1"=20'	SHEET 1	OF 6 SHEETS	STA.1600+00 TO STA.1602+00

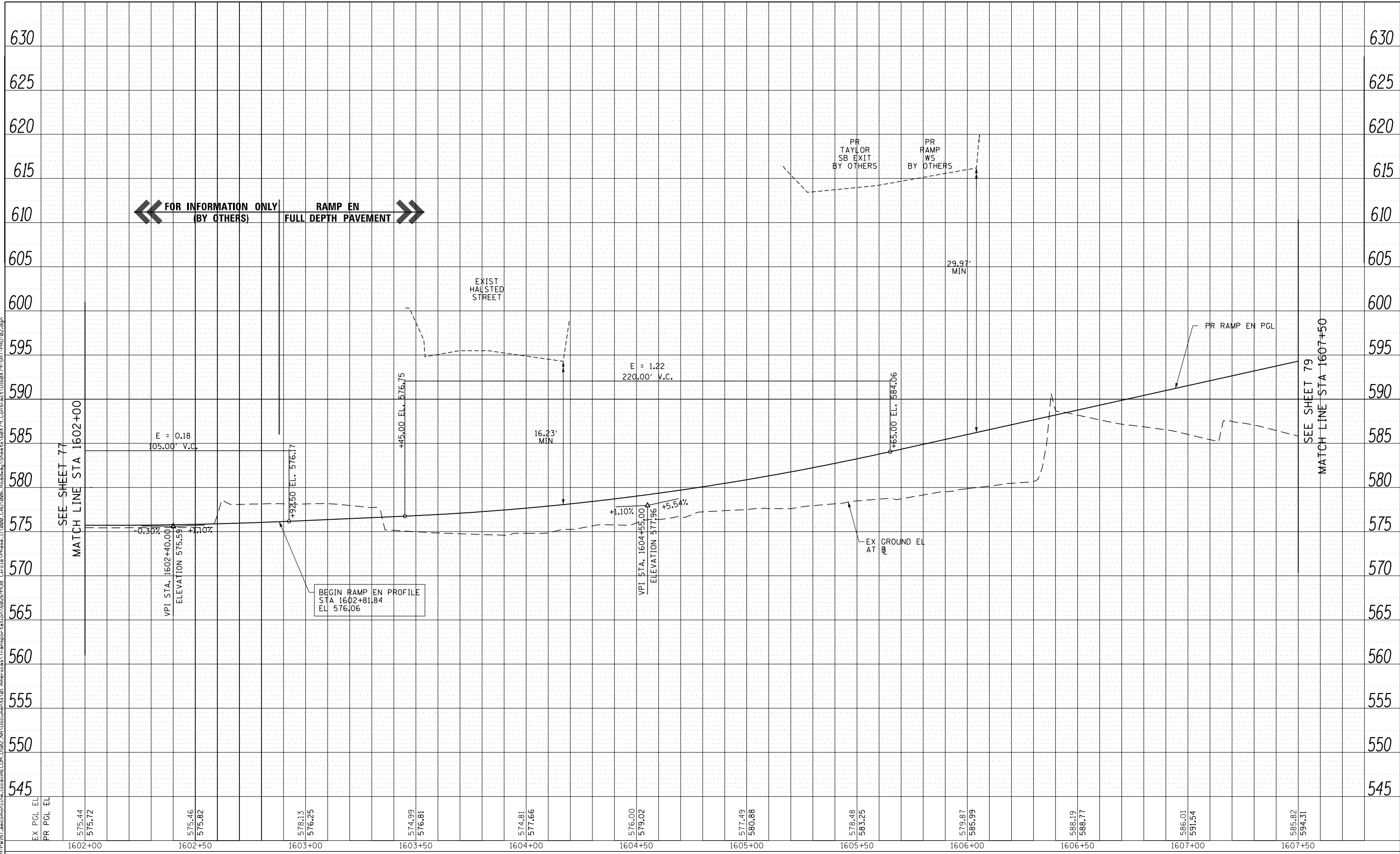
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	77
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

SEE SHEET 78
MATCH LINE STA 1602+00

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	ALIGNED	
	CAD FILE NAME	
	NO.	

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

FILE PATH = p:\61799-PRD-PRO-02.dgn



← FOR INFORMATION ONLY (BY OTHERS) RAMP EN FULL DEPTH PAVEMENT →

BEGIN RAMP EN PROFILE
STA 1602+81.84
EL 576.06

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PROFILE
RAMP EN

DI60X79-SHT-PRO-02.dgn	DESIGNED - MKW	REVISED -
USER NAME = mkwilson	DRAWN - BMJ	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/27/2018	DATE - 7-30-2018	REVISED -

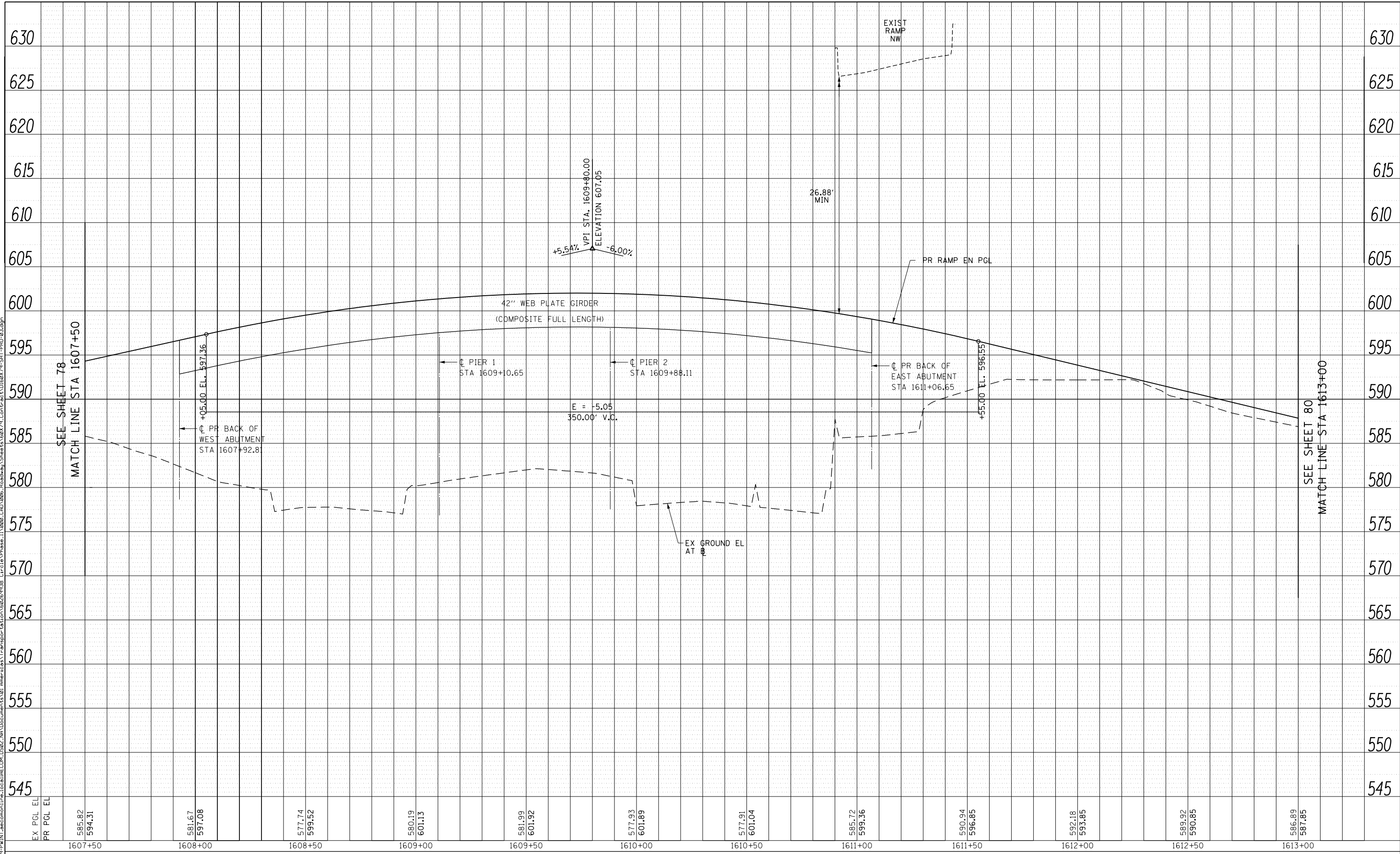
SCALE: 1"=20' SHEET 2 OF 6 SHEETS STA.1602+00 TO STA.1607+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	78
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	ALIGNED		
	CAD FILE NAME		
	NO.		

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

FILE PATH = p:\61799-PRD-PRO-03.dgn



D16079-SHT-PRO-03.dgn	DESIGNED - MKW	REVISED -
USER NAME = mkwilson	DRAWN - BMJ	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/27/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

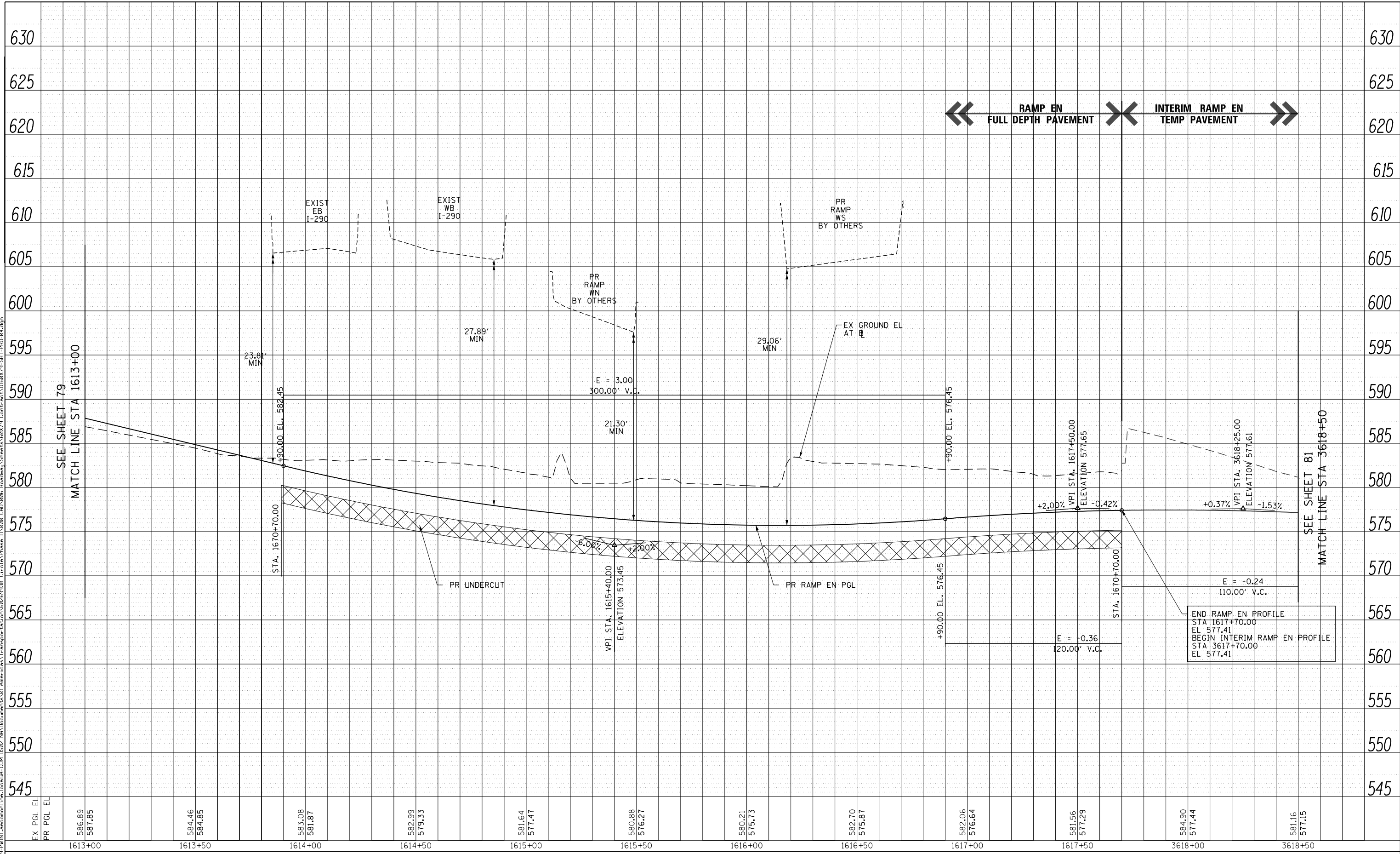
ROADWAY PROFILE RAMP EN			
SCALE: 1"=20'	SHEET 3	OF 6 SHEETS	STA.1607+50 TO STA.1613+00

F.A.I. RTE. 90/94/290	SECTION 2014-005R&B	COUNTY COOK	TOTAL SHEETS 888	SHEET NO. 79
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	ALIGNED	
	CAD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	BY
	STRUCTURE NOT AT THIS OFFICE	
	NO.	

FILE PATH = p:\61799-PRD-PRO-04.dgn
 C:\Users\mkwilson\Documents\61799-PRD-PRO-04.dgn
 I:\Projects\61799-PRD-PRO-04.dgn
 I:\Projects\61799-PRD-PRO-04.dgn
 I:\Projects\61799-PRD-PRO-04.dgn



← RAMP EN FULL DEPTH PAVEMENT INTERIM RAMP EN TEMP PAVEMENT →

D160X79-SHT-PRO-04.dgn	DESIGNED - MKW	REVISED -
USER NAME = mkwilson	DRAWN - BMJ	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/27/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

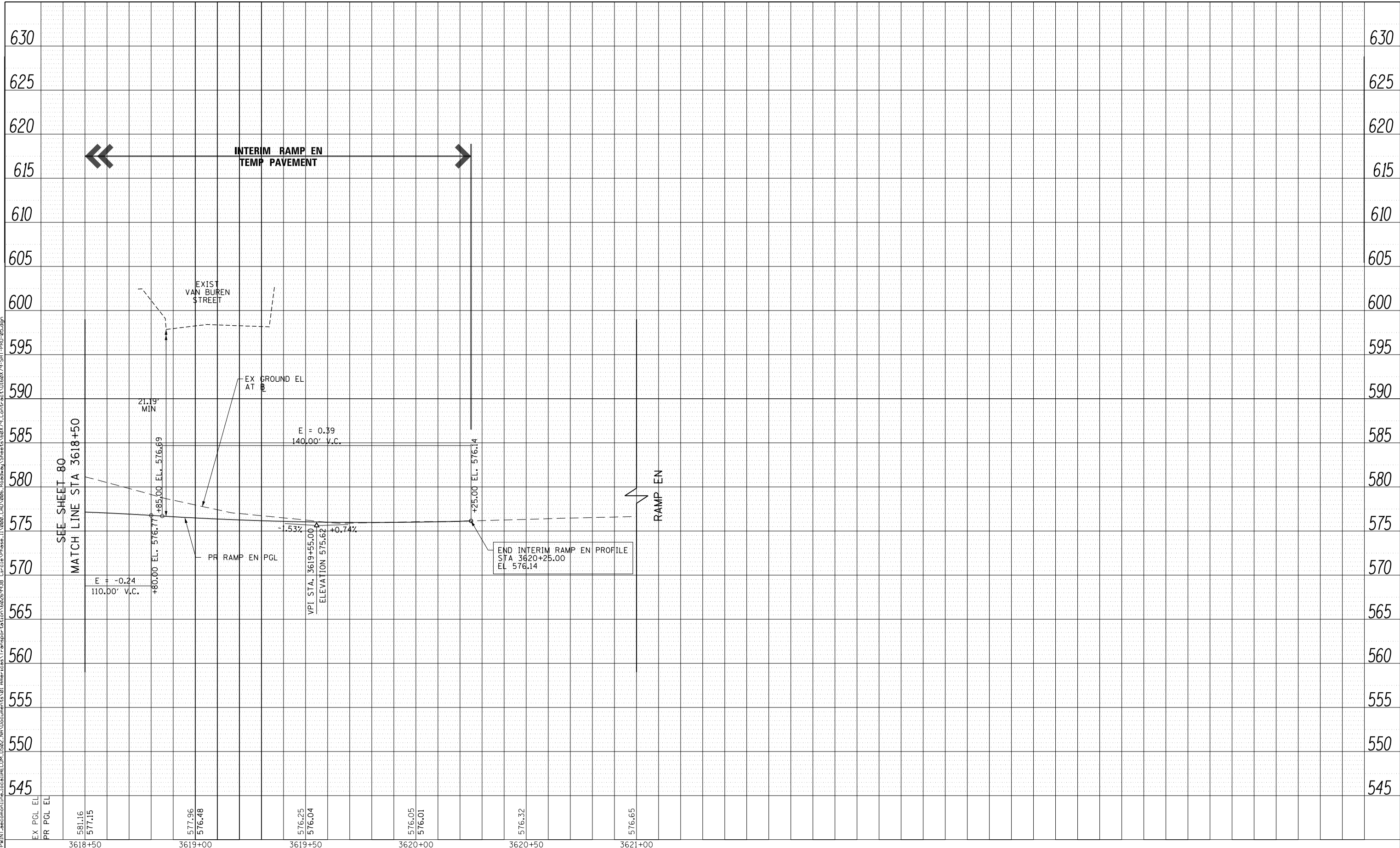
ROADWAY PROFILE RAMP EN			
SCALE: 1"=20'	SHEET 4	OF 6 SHEETS	STA.1613+00 TO STA.3618+50

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	80
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	NO. _____	
	CAD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	NO. _____	
	CAD FILE NAME	

FILE PATH = p:\6179-PRD-PRO-05.dgn



DI60X79-SHT-PRO-05.dgn	DESIGNED - MKW	REVISED -
USER NAME = mkwilson	DRAWN - BMJ	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/27/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

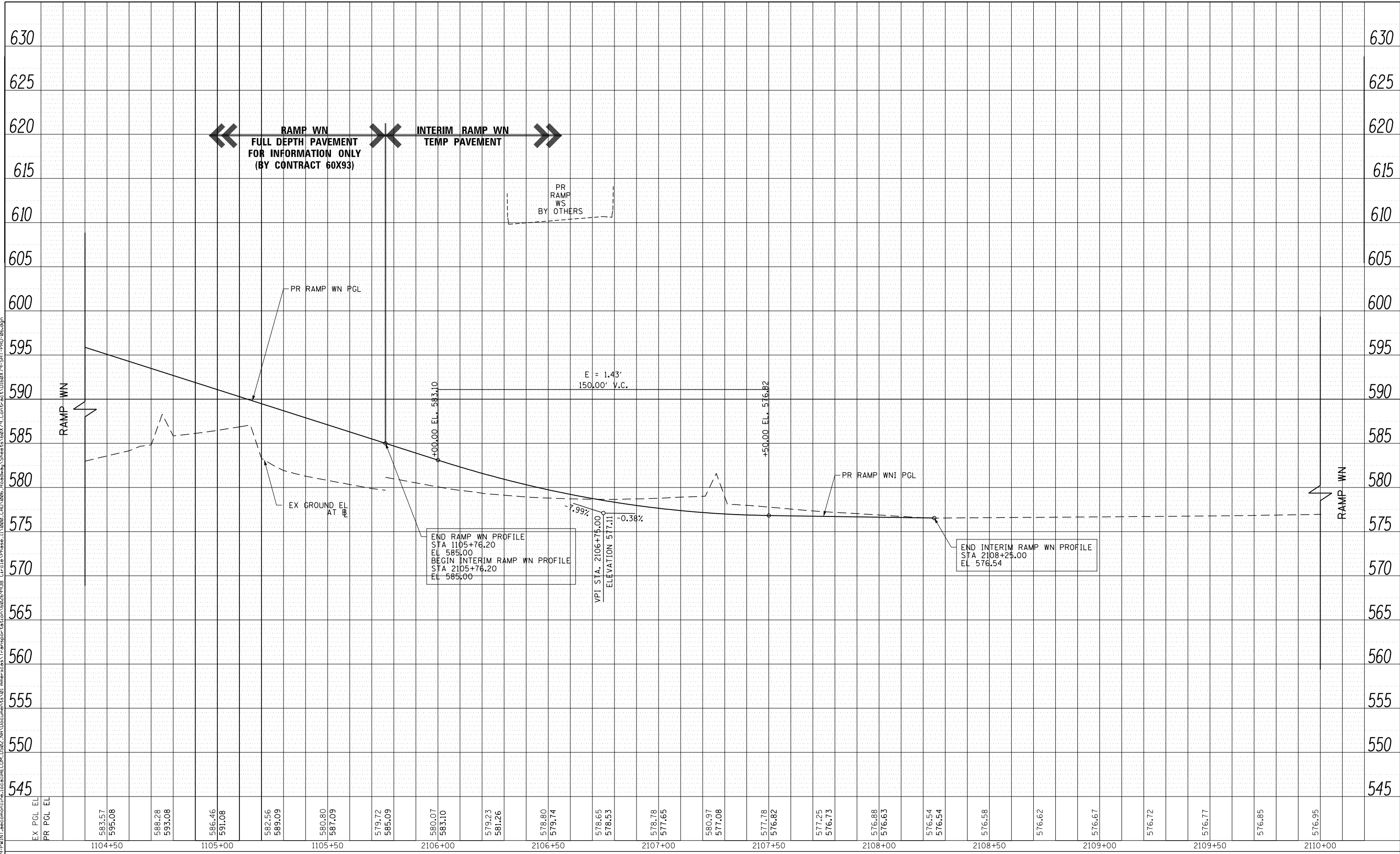
ROADWAY PROFILE RAMP EN			
SCALE: 1"=20'	SHEET 5	OF 6 SHEETS	STA.3618+50 TO STA.3621+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	81
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

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

PROFILE	SURVEYED	DATE
	GRADES CHECKED	BY
	STRUCTURE	
	NOT AT THIS OFFICE	
	NO. _____	

FILE PATH = p:\6179-P\INT\rescom\line\local\IACOM_0502_MW\Documents\01 America's Transportation\60269938 Circle\Phase 1\2008_CAD\006 Roadway\Sheets\60X93 Contract\0160X79-SHT-PRO-06.dgn



EX PGL EL	583.57	586.46	582.56	580.80	579.72	580.07	579.23	578.80	578.65	577.78	577.25	576.88	576.54	576.58	576.62	576.67	576.72	576.77	576.85	576.95
PR PGL EL	595.08	591.08	589.09	587.09	585.09	583.10	581.26	579.74	578.53	577.08	576.73	576.63	576.54							
	1104+50	1105+00		1105+50		2106+00		2106+50		2107+00		2107+50		2108+00		2108+50	2109+00		2109+50	2110+00

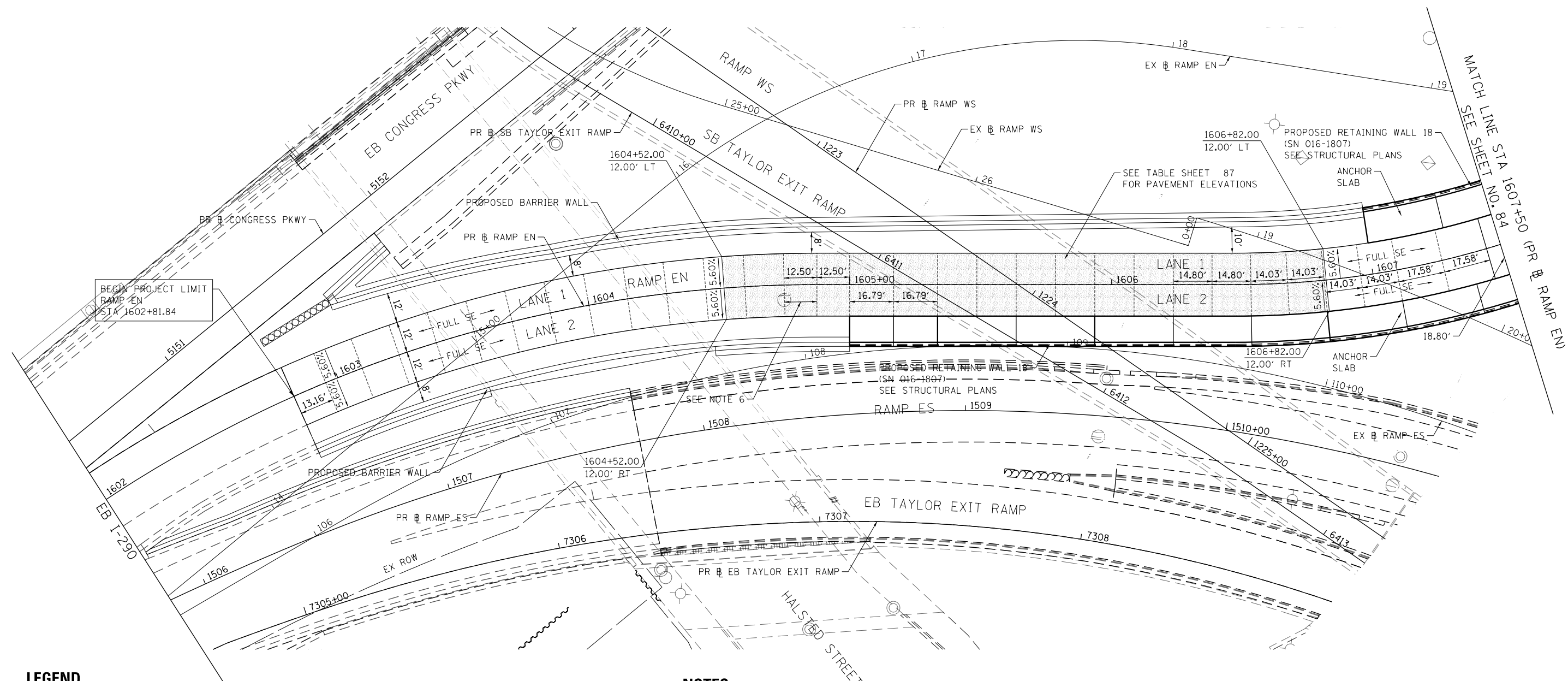
D160X79-SHT-PRO-06.dgn	DESIGNED - MKW	REVISED -
USER NAME = mkwilson	DRAWN - BMJ	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/27/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PROFILE			
RAMP WN			
SCALE: 1"=20'	SHEET 6	OF 6 SHEETS	STA.1104+50 TO STA.2110+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	82
CONTRACT NO. 60X79			ILLINOIS FED. AID PROJECT	

FILE PATH = p:\617479-P\INT\ascom\line\local\IAC\04_0502_MN\Documents\01_Americas\Transportation\60269928_Circle\Phase 11\000_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-SHT_JOINTING-01.dgn

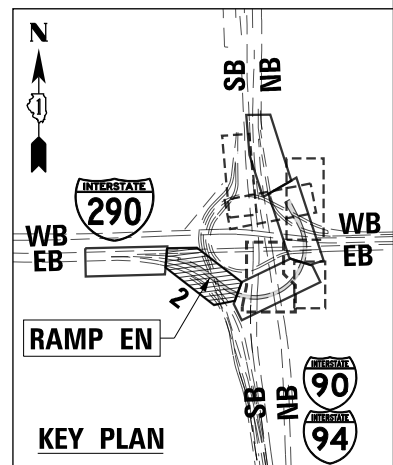
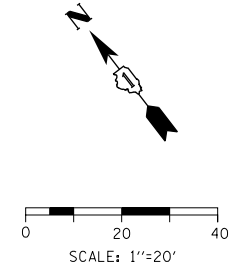


LEGEND

- +---+---+ LONGITUDINAL CONSTRUCTION JOINT
 - LONGITUDINAL CONSTRUCTION JOINT
 - 1. NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) FORMED IN PLACE OR MECHANICALLY INSERTED AT 2' C-C (STANDARD 420001-09) OR
 - 2. NO. 6 X 2' LONG DEFORMED TIE BARS (EPOXY COATED) GROUDED IN PLACE AT 2' C-C (STANDARD 420001-09)
 - TRANSVERSE CONSTRUCTION JOINT
 - 1'-6" LONG DOWEL BARS (EPOXY COATED) AT 1' C-C (STANDARD 420101-06)
- SAWED JOINT (MAINLINE)
 - LONGITUDINAL SAWED JOINT
 - NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) AT 2'-6" C-C (STANDARD 420001-09)
 - TRANSVERSE CONTRACTION JOINT
 - 1'-6" LONG DOWEL BARS, 11*2 DIAMETER (EPOXY COATED) AT 1' C-C (STANDARD 420001-09)
- SAWED JOINT (RAMPS)
 - LONGITUDINAL SAWED JOINT
 - NO. 6 X 3' LONG DEFORMED TIE BARS AT 1'-6" C-C (DISTRICT STANDARD BD-49)
 - TRANSVERSE CONTRACTION JOINT
 - 1'-6" LONG DOWEL BARS, 11*2 DIAMETER (EPOXY COATED) AT 1' C-C (DISTRICT STANDARD BD-49)
- ===== EXPANSION JOINT
 - 1'-6" LONG DOWEL BARS, 11*2 DIAMETER (EPOXY COATED) AT 1' C-C (STANDARD 420001-09)
- ▨ PAVEMENT CROSS SLOPE TRANSITIONS

NOTES:

- UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS ARE TAKEN FROM PR RAMP EN OR PR INTERIM RAMP EN.
- UNLESS OTHERWISE NOTED THE PGL IS ASSUMED TO BE AT THE BASELINE.
- FOR PAVEMENT, SHOULDER, AND BARRIER MATERIALS SEE ROADWAY PLANS 67 TO 72.
- SEE SUPERELEVATION TABLE FOR SHOULDER SLOPES.
- ADDITIONAL SAWED TRANSVERSE CONTRACTION JOINTS MAY BE REQUIRED IN THE FIELD, AS DIRECTED BY THE ENGINEER. EXACT LOCATIONS TO BE VERIFIED IN THE FIELD AND APPROVED BY THE ENGINEER.
- ALL TRANSVERSE JOINTS SHALL BE A MAXIMUM OF 15.0 FEET UNLESS OTHERWISE NOTED. SEE STANDARD 420101-06 FOR ADDITIONAL INFORMATION, REGARDING TRANSVERSE JOINT SPACING REQUIREMENTS.
- SEE STANDARD 420001-09 FOR INFORMATION REGARDING SEALING REQUIREMENTS FOR TRANSVERSE EXPANSION JOINTS.
- PAVEMENT ROUNDOUTS FOR MANHOLES AND VALVE VAULTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 420111-04.
- ALL ELEVATIONS NOT SHOWN SHALL FOLLOW THE TYPICAL SECTIONS AND PROFILES.
- SEE STANDARD 420301-08 FOR EXIT RAMP TERMINAL JOINTING INFORMATION.



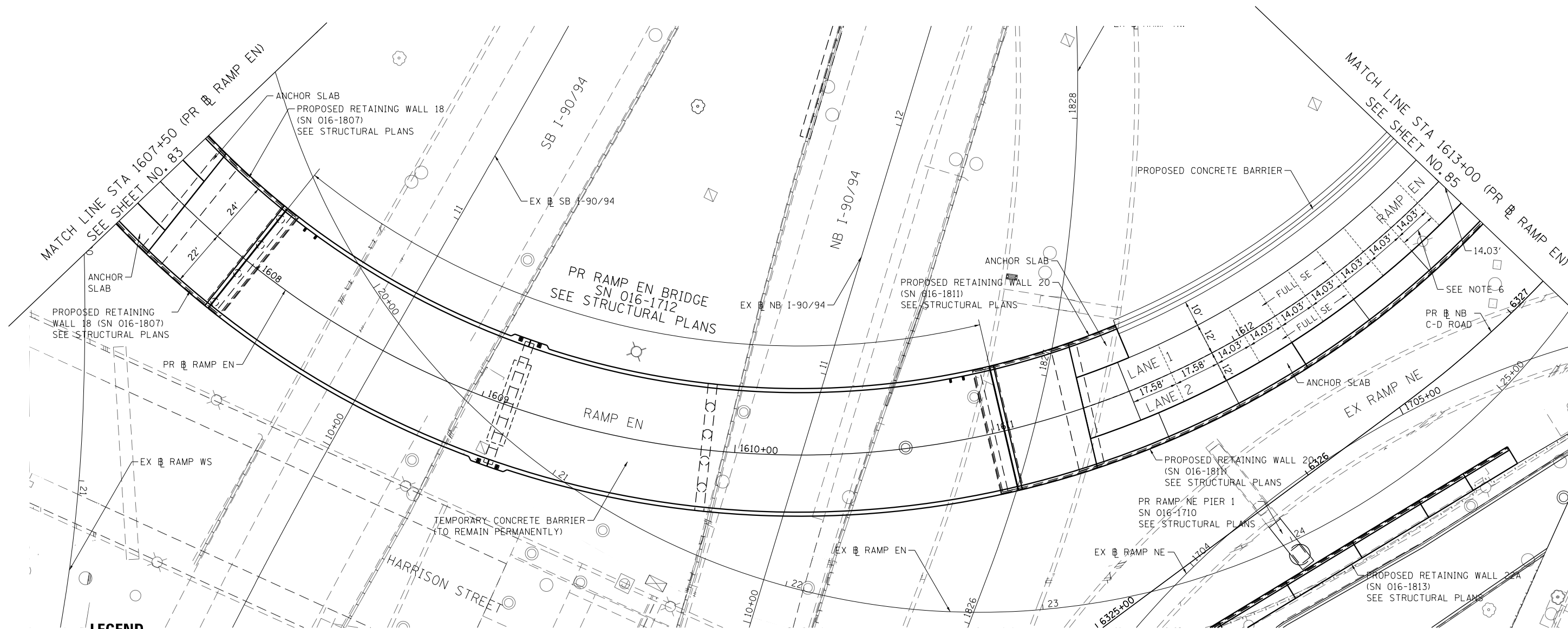
D:\60X79-SHT_JOINTING-01.dgn	DESIGNED - MKW	REVISED -
USER NAME = mkwilson	DRAWN - BMJ	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/27/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

JOINTING AND SUPERELEVATION PLAN	
SCALE: 1"=20'	SHEET 1 OF 5 SHEETS
STA. 1602+00	TO STA. 1607+50

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	83
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

FILE PATH = p:\617479-P\INT\ascom\line\local\IAC\CDM\0502_MW\Documents\01_Americas\Transportation\60269938_Circle\Phase_11\000_CAD\006_Roadway\Sheets\60X79_Contract\016079-SHT_JOINTING-02.dgn

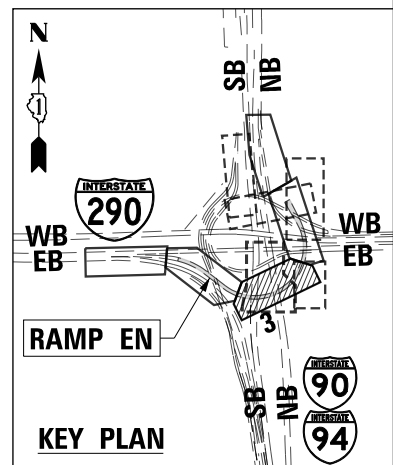
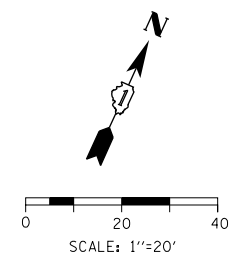


LEGEND

- +--- CONSTRUCTION JOINT
 - o LONGITUDINAL CONSTRUCTION JOINT
 - 1. NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) FORMED IN PLACE OR MECHANICALLY INSERTED AT 2' C-C (STANDARD 420001-09) OR
 - 2. NO. 6 X 2' LONG DEFORMED TIE BARS (EPOXY COATED) GROUTED IN PLACE AT 2' C-C (STANDARD 420001-09)
 - o TRANSVERSE CONSTRUCTION JOINT
 - 1'-6" LONG DOWEL BARS (EPOXY COATED) AT 1' C-C (STANDARD 420101-06)
- SAWED JOINT (MAINLINE)
 - o LONGITUDINAL SAWED JOINT
 - NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) AT 2'-6" C-C (STANDARD 420001-09)
 - o TRANSVERSE CONTRACTION JOINT
 - 1'-6" LONG DOWEL BARS, 11#2 DIAMETER (EPOXY COATED) AT 1' C-C (STANDARD 420001-09)
- SAWED JOINT (RAMPS)
 - o LONGITUDINAL SAWED JOINT
 - NO. 6 X 3' LONG DEFORMED TIE BARS AT 1'-6" C-C (DISTRICT STANDARD BD-49)
 - o TRANSVERSE CONTRACTION JOINT
 - 1'-6" LONG DOWEL BARS, 11#2 DIAMETER (EPOXY COATED) AT 1' C-C (DISTRICT STANDARD BD-49)
- ===== EXPANSION JOINT
 - o 1'-6" LONG DOWEL BARS, 11#2 DIAMETER (EPOXY COATED) AT 1' C-C (STANDARD 420001-09)
- ▭ PAVEMENT CROSS SLOPE TRANSITIONS

NOTES:

1. UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS ARE TAKEN FROM PR RAMP EN OR PR INTERIM RAMP EN.
2. UNLESS OTHERWISE NOTED THE PGL IS ASSUMED TO BE AT THE BASELINE.
3. FOR PAVEMENT, SHOULDER, AND BARRIER MATERIALS SEE ROADWAY PLANS 67 TO 72.
4. SEE SUPERELEVATION TABLE FOR SHOULDER SLOPES.
5. ADDITIONAL SAWED TRANSVERSE CONTRACTION JOINTS MAY BE REQUIRED IN THE FIELD, AS DIRECTED BY THE ENGINEER. EXACT LOCATIONS TO BE VERIFIED IN THE FIELD AND APPROVED BY THE ENGINEER.
6. ALL TRANSVERSE JOINTS SHALL BE A MAXIMUM OF 15.0 FEET UNLESS OTHERWISE NOTED. SEE STANDARD 420101-06 FOR ADDITIONAL INFORMATION, REGARDING TRANSVERSE JOINT SPACING REQUIREMENTS.
7. SEE STANDARD 420001-09 FOR INFORMATION REGARDING SEALING REQUIREMENTS FOR TRANSVERSE EXPANSION JOINTS.
8. PAVEMENT ROUNDOUTS FOR MANHOLES AND VALVE VAULTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 420111-04.
9. ALL ELEVATIONS NOT SHOWN SHALL FOLLOW THE TYPICAL SECTIONS AND PROFILES.
10. SEE STANDARD 420301-08 FOR EXIT RAMP TERMINAL JOINTING INFORMATION.



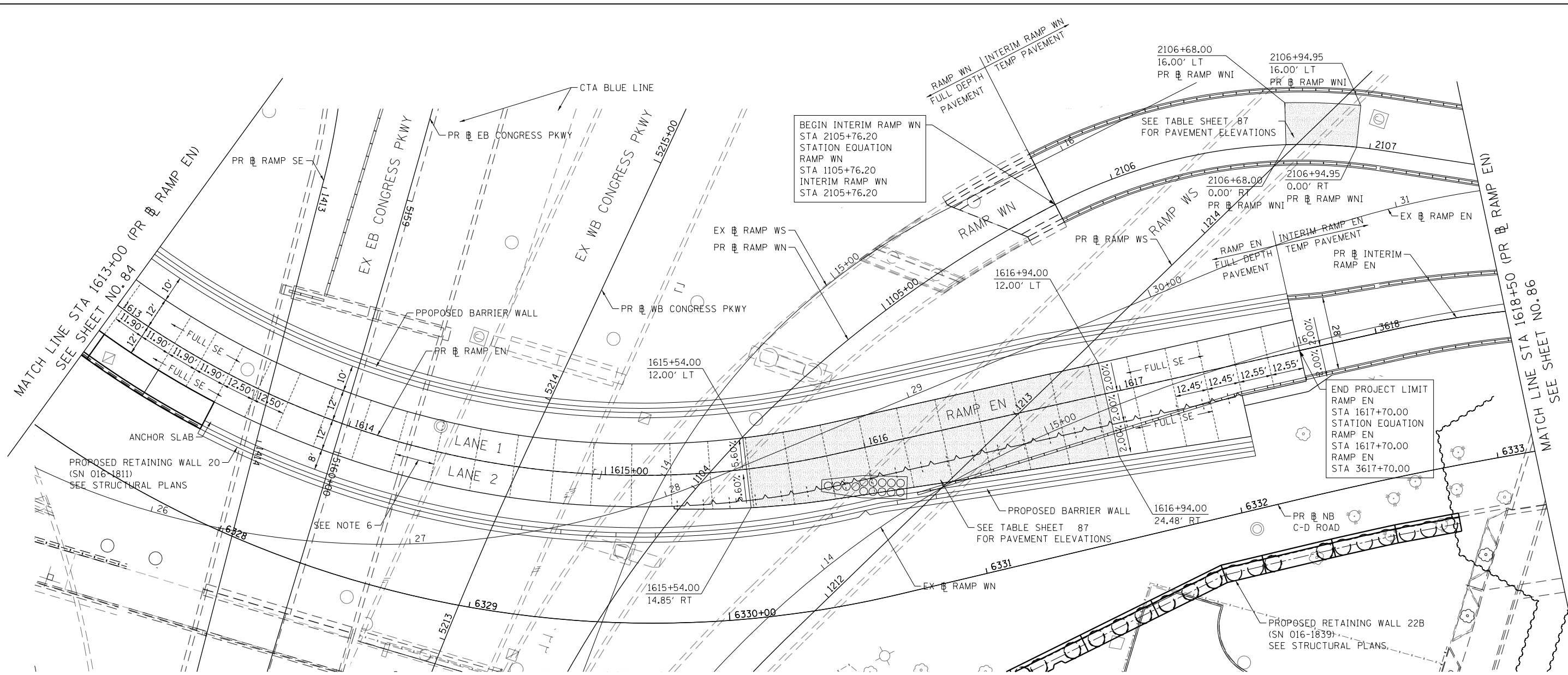
DI60X79-SHT_JOINTING-02.dgn	DESIGNED - MKW	REVISED -
USER NAME = mkwilson	DRAWN - BMJ	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/27/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

JOINTING AND SUPERELEVATION PLAN	
SCALE: 1"=20'	SHEET 2 OF 5 SHEETS
STA. 1607+50	TO STA. 1613+00

F.A.I. RTE. 90/94/290	SECTION 2014-005R&B	COUNTY COOK	TOTAL SHEETS 888	SHEET NO. 84
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

FILE PATH = p:\617479-PWINT-asecom\line\local\IAC\CDM\0502_MW\Documents\01_Americas\Transportation\60269928_Circle\Phase_11\000_CAD\006_Roadway\Sheets\60X79_Contract\016879-SHT-JOINTING-03.dgn

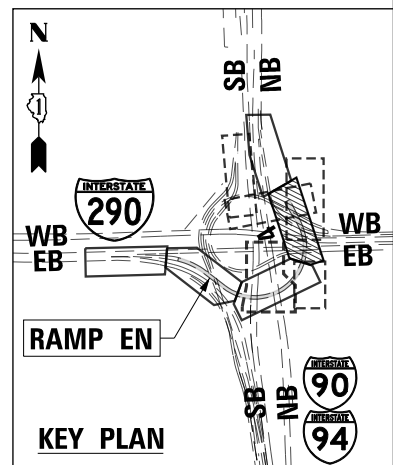
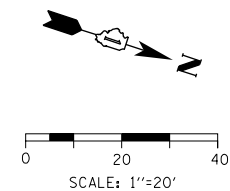


LEGEND

- CONSTRUCTION JOINT
 - LONGITUDINAL CONSTRUCTION JOINT
 - 1. NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) FORMED IN PLACE OR MECHANICALLY INSERTED AT 2' C-C (STANDARD 420001-09) OR
 - 2. NO. 6 X 2' LONG DEFORMED TIE BARS (EPOXY COATED) GROUTED IN PLACE AT 2' C-C (STANDARD 420001-09)
 - TRANSVERSE CONSTRUCTION JOINT
 - 1'-6" LONG DOWEL BARS (EPOXY COATED) AT 1' C-C (STANDARD 420101-06)
- SAWED JOINT (MAINLINE)
 - LONGITUDINAL SAWED JOINT
 - NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) AT 2'-6" C-C (STANDARD 420001-09)
 - TRANSVERSE CONTRACTION JOINT
 - 1'-6" LONG DOWEL BARS, 11#2 DIAMETER (EPOXY COATED) AT 1' C-C (STANDARD 420001-09)
- SAWED JOINT (RAMPS)
 - LONGITUDINAL SAWED JOINT
 - NO. 6 X 3' LONG DEFORMED TIE BARS AT 1'-6" C-C (DISTRICT STANDARD BD-49)
 - TRANSVERSE CONTRACTION JOINT
 - 1'-6" LONG DOWEL BARS, 11#2 DIAMETER (EPOXY COATED) AT 1' C-C (DISTRICT STANDARD BD-49)
- ===== EXPANSION JOINT
 - 1'-6" LONG DOWEL BARS, 11#2 DIAMETER (EPOXY COATED) AT 1' C-C (STANDARD 420001-09)
- ▨ PAVEMENT CROSS SLOPE TRANSITIONS

NOTES:

1. UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS ARE TAKEN FROM PR RAMP EN OR PR INTERIM RAMP EN.
2. UNLESS OTHERWISE NOTED THE PGL IS ASSUMED TO BE AT THE BASELINE.
3. FOR PAVEMENT, SHOULDER, AND BARRIER MATERIALS SEE ROADWAY PLANS 67 TO 72.
4. SEE SUPERELEVATION TABLE FOR SHOULDER SLOPES.
5. ADDITIONAL SAWED TRANSVERSE CONTRACTION JOINTS MAY BE REQUIRED IN THE FIELD, AS DIRECTED BY THE ENGINEER. EXACT LOCATIONS TO BE VERIFIED IN THE FIELD AND APPROVED BY THE ENGINEER.
6. ALL TRANSVERSE JOINTS SHALL BE A MAXIMUM OF 15.0 FEET UNLESS OTHERWISE NOTED. SEE STANDARD 420101-06 FOR ADDITIONAL INFORMATION, REGARDING TRANSVERSE JOINT SPACING REQUIREMENTS.
7. SEE STANDARD 420001-09 FOR INFORMATION REGARDING SEALING REQUIREMENTS FOR TRANSVERSE EXPANSION JOINTS.
8. PAVEMENT ROUNDOUTS FOR MANHOLES AND VALVE VAULTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 420111-04.
9. ALL ELEVATIONS NOT SHOWN SHALL FOLLOW THE TYPICAL SECTIONS AND PROFILES.
10. SEE STANDARD 420301-08 FOR EXIT RAMP TERMINAL JOINTING INFORMATION.



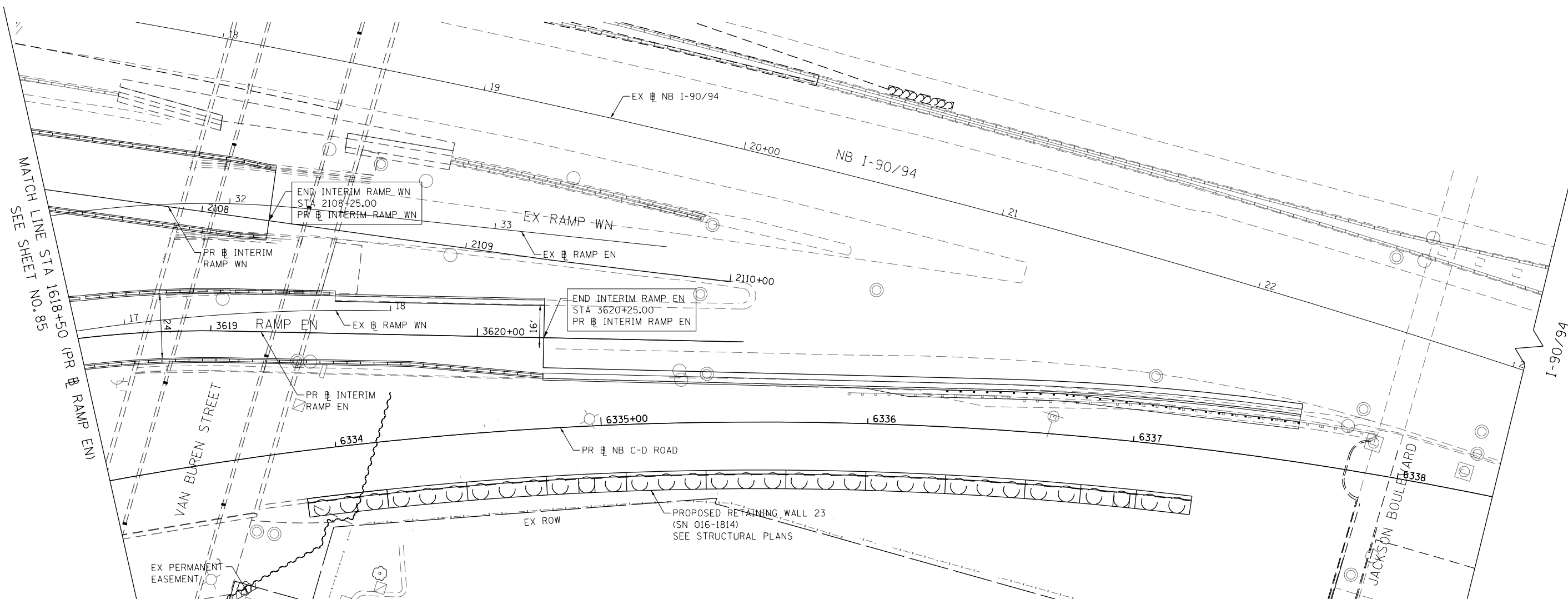
DI60X79-SHT-JOINTING-03.dgn	DESIGNED - MKW	REVISED -
USER NAME = mkwilson	DRAWN - BMJ	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/27/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

JOINTING AND SUPERELEVATION PLAN	
SCALE: 1"=20'	SHEET 3 OF 5 SHEETS
STA. 1613+00	TO STA. 1618+50

F.A.I. RTE. 90/94/290	SECTION 2014-005R&B	COUNTY COOK	TOTAL SHEETS 888	SHEET NO. 85
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

FILE PATH = p:\617479-P\INT\ascom\line\local\IACOM_D502_MW\Documents\01_Americas\Transportation\60269928_Circle\Phase_11\000_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-SHT-JOINTING-04.dgn

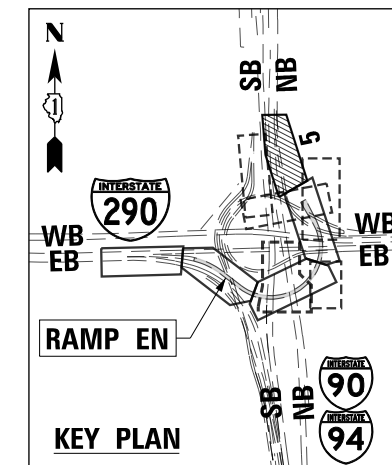
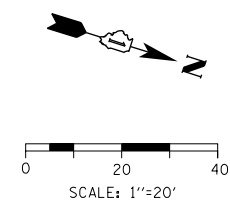


LEGEND

- CONSTRUCTION JOINT
 - LONGITUDINAL CONSTRUCTION JOINT
 - 1. NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) FORMED IN PLACE OR MECHANICALLY INSERTED AT 2' C-C (STANDARD 420001-09) OR
 - 2. NO. 6 X 2' LONG DEFORMED TIE BARS (EPOXY COATED) GROUTED IN PLACE AT 2' C-C (STANDARD 420001-09)
 - TRANSVERSE CONSTRUCTION JOINT
 - 1'-6" LONG DOWEL BARS (EPOXY COATED) AT 1' C-C (STANDARD 420101-06)
 - SAWED JOINT (MAINLINE)
 - LONGITUDINAL SAWED JOINT
 - NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) AT 2'-6" C-C (STANDARD 420001-09)
 - TRANSVERSE CONTRACTION JOINT
 - 1'-6" LONG DOWEL BARS, 11*2 DIAMETER (EPOXY COATED) AT 1' C-C (STANDARD 420001-09)
 - SAWED JOINT (RAMPS)
 - LONGITUDINAL SAWED JOINT
 - NO. 6 X 3' LONG DEFORMED TIE BARS AT 1'-6" C-C (DISTRICT STANDARD BD-49)
 - TRANSVERSE CONTRACTION JOINT
 - 1'-6" LONG DOWEL BARS, 11*2 DIAMETER (EPOXY COATED) AT 1' C-C (DISTRICT STANDARD BD-49)
 - EXPANSION JOINT
 - 1'-6" LONG DOWEL BARS, 11*2 DIAMETER (EPOXY COATED) AT 1' C-C (STANDARD 420001-09)
- ▭ PAVEMENT CROSS SLOPE TRANSITIONS

NOTES:

1. UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS ARE TAKEN FROM PR RAMP EN OR PR INTERIM RAMP EN.
2. UNLESS OTHERWISE NOTED THE PGL IS ASSUMED TO BE AT THE BASELINE.
3. FOR PAVEMENT, SHOULDER, AND BARRIER MATERIALS SEE ROADWAY PLANS 67 TO 72.
4. SEE SUPERELEVATION TABLE FOR SHOULDER SLOPES.
5. ADDITIONAL SAWED TRANSVERSE CONTRACTION JOINTS MAY BE REQUIRED IN THE FIELD, AS DIRECTED BY THE ENGINEER. EXACT LOCATIONS TO BE VERIFIED IN THE FIELD AND APPROVED BY THE ENGINEER.
6. ALL TRANSVERSE JOINTS SHALL BE A MAXIMUM OF 15.0 FEET UNLESS OTHERWISE NOTED. SEE STANDARD 420101-06 FOR ADDITIONAL INFORMATION, REGARDING TRANSVERSE JOINT SPACING REQUIREMENTS.
7. SEE STANDARD 420001-09 FOR INFORMATION REGARDING SEALING REQUIREMENTS FOR TRANSVERSE EXPANSION JOINTS.
8. PAVEMENT ROUNDOUTS FOR MANHOLES AND VALVE VAULTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 420111-04.
9. ALL ELEVATIONS NOT SHOWN SHALL FOLLOW THE TYPICAL SECTIONS AND PROFILES.
10. SEE STANDARD 420301-08 FOR EXIT RAMP TERMINAL JOINTING INFORMATION.



DI60X79-SHT-JOINTING-04.dgn	DESIGNED - MKW	REVISED -
USER NAME = mkwilson	DRAWN - BMJ	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/27/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

JOINTING AND SUPERELEVATION PLAN

SCALE: 1"=20' SHEET 4 OF 5 SHEETS STA. 1618+50 TO STA. 1624+00

F.A.I. RTE. 90/94/290	SECTION 2014-005R&B	COUNTY COOK	TOTAL SHEETS 888	SHEET NO. 86
ILLINOIS FED. AID PROJECT				CONTRACT NO. 60X79

FILE PATH = p:\61749-P\INT-accmon1\local\table\table.dgn

PAVEMENT CROSS SLOPE AND ELEVATION - RAMP EN. Table with columns for STATION RAMP EN, LT SHOULDER, LANE 1, PGL, LANE 2, LANE 3, RT SHOULDER. Includes sections for FULL SUPERELEVATION and TRANSITION.

PAVEMENT CROSS SLOPE AND ELEVATION - RAMP EN. Table with columns for STATION RAMP EN, LT SHOULDER, LANE 1, PGL, LANE 2, LANE 3, RT SHOULDER. Includes sections for TRANSITION, FULL SUPERELEVATION, and TRANSITION TO EXISTING ON TEMPORARY PAVEMENT (INTERIM RAMP EN).

PAVEMENT CROSS SLOPE AND ELEVATION - INTERIM RAMP WN. Table with columns for STATION RAMP WNI, LT SHOULDER, LANE 1, PGL, RT SHOULDER. Includes sections for FULL SUPERELEVATION and TRANSITION.

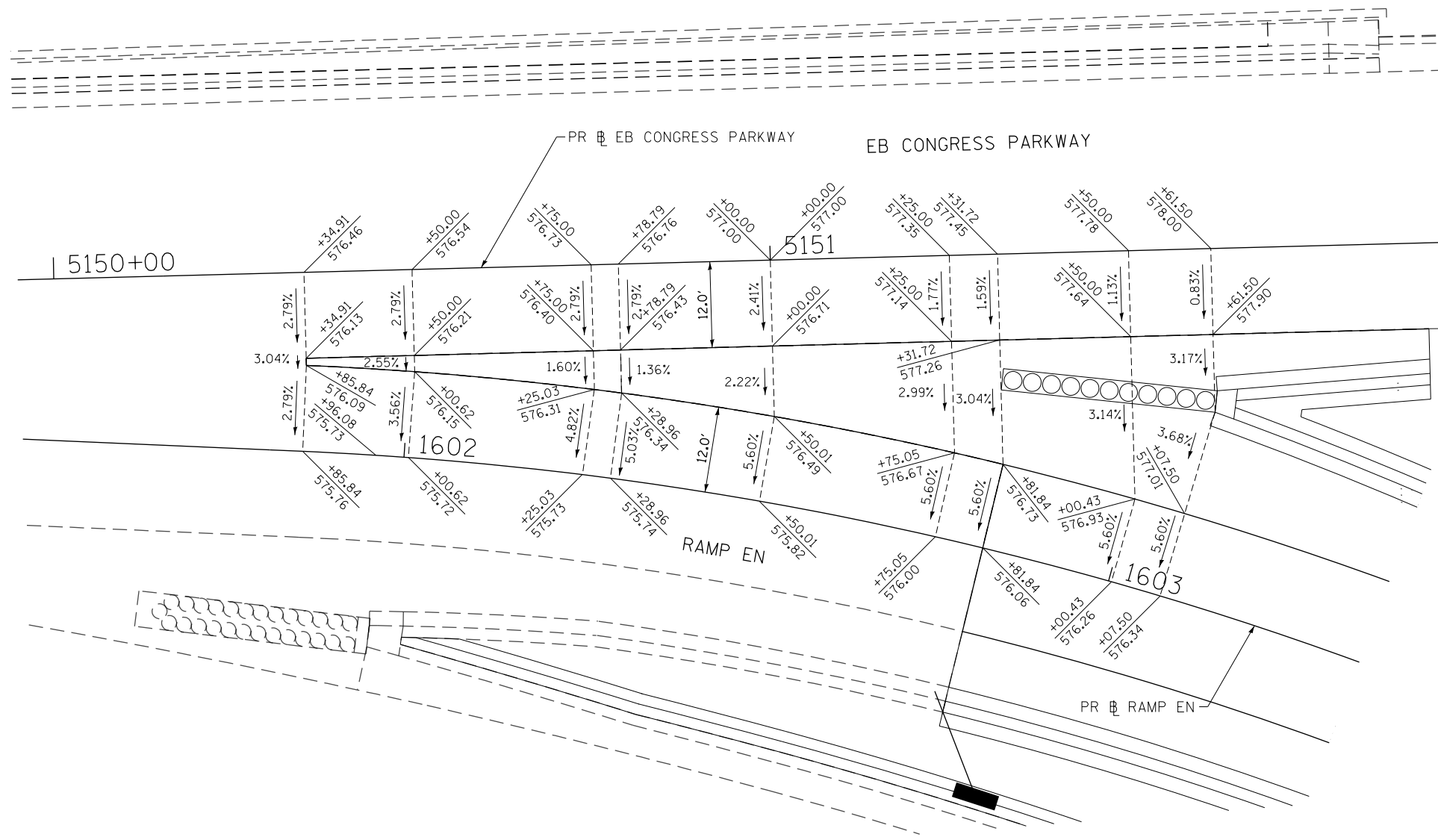
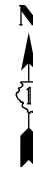
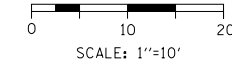


Project information table with columns: USER NAME, PLOT SCALE, PLOT DATE, DESIGNED, DRAWN, CHECKED, DATE, REVISED.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

Project title and scale table: JOINTING AND SUPERELEVATION PLAN, SCALE: NONE, SHEET 5 OF 5 SHEETS, STA. TO STA.

Administrative table with columns: F.A.I. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., CONTRACT NO. 60X79, ILLINOIS FED. AID PROJECT.



FILE PATH = p:\6179-PMINT\secomon\line\local\IACOM_0502_NA\Documents\01 America's Transportation\60269938 Circle\Phase 1\000_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-SHT-GORE-DETAIL-01.dgn



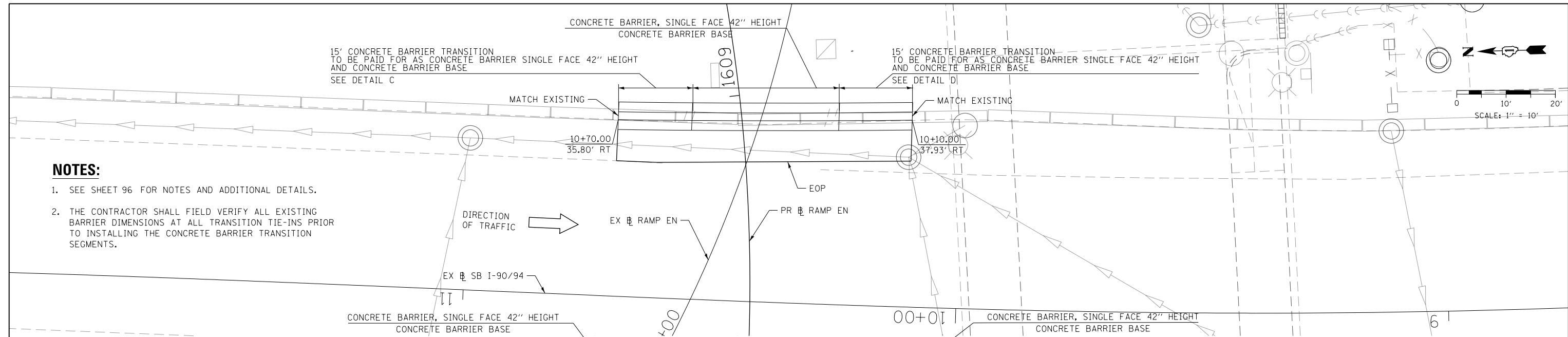
DI60X79-SHT-GORE-DETAIL-01.dgn	DESIGNED - MKW	REVISED -
USER NAME = mkwilson	DRAWN - BMJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/27/2018	DATE - 7-30-2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GORE GRADING DETAILS RAMP EN AND EB I-290		
SCALE: 1"=10'	SHEET 1 OF 1 SHEETS	STA. TO STA.

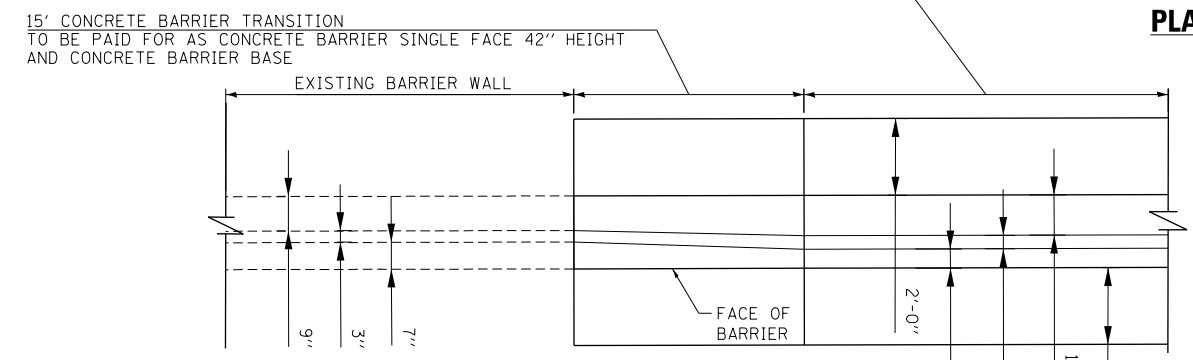
F.A.I. RTE. 90/94/290	SECTION 2014-005R&B	COUNTY COOK	TOTAL SHEETS 888	SHEET NO. 88
ILLINOIS FED. AID PROJECT CONTRACT NO. 60X79				

FILE PATH = p:\61779-P\INT\secomon\local\IACOM_D502_NA\Documents\01_Americas\Transportation\60269938_Cricle\Phase_1\000_CAD\006_Roadway\Sheets\60X79_SHT-SPBAR-03.dgn

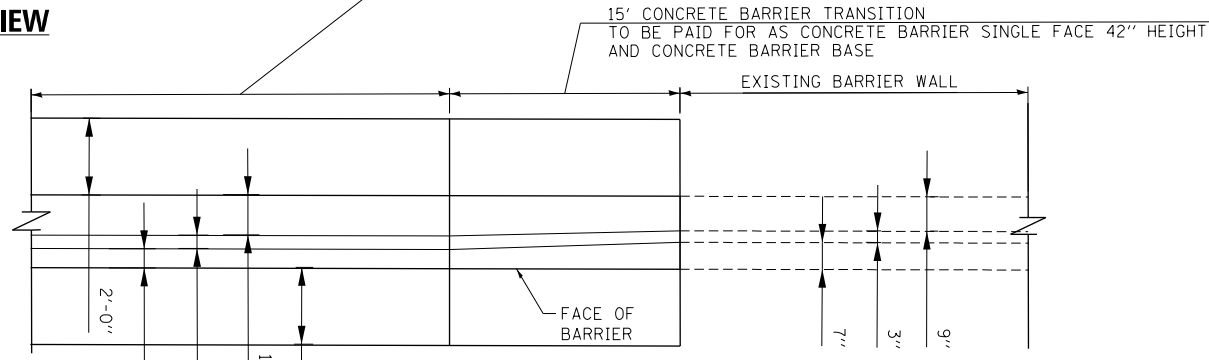


NOTES:

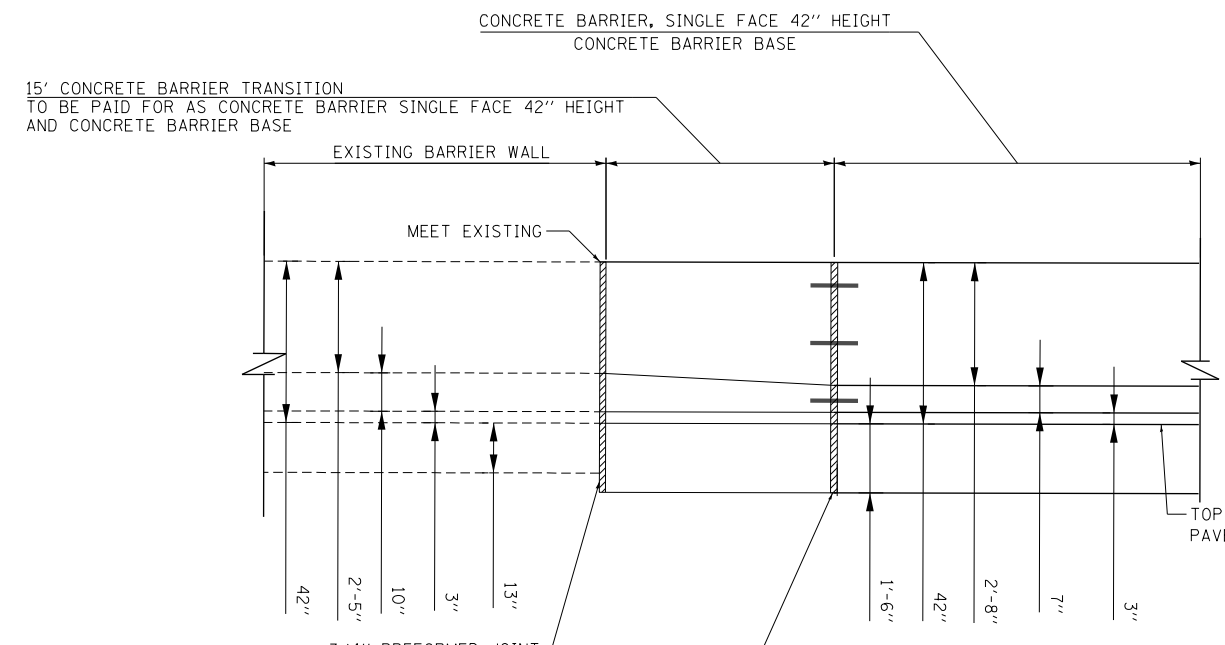
1. SEE SHEET 96 FOR NOTES AND ADDITIONAL DETAILS.
2. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING BARRIER DIMENSIONS AT ALL TRANSITION TIE-INS PRIOR TO INSTALLING THE CONCRETE BARRIER TRANSITION SEGMENTS.



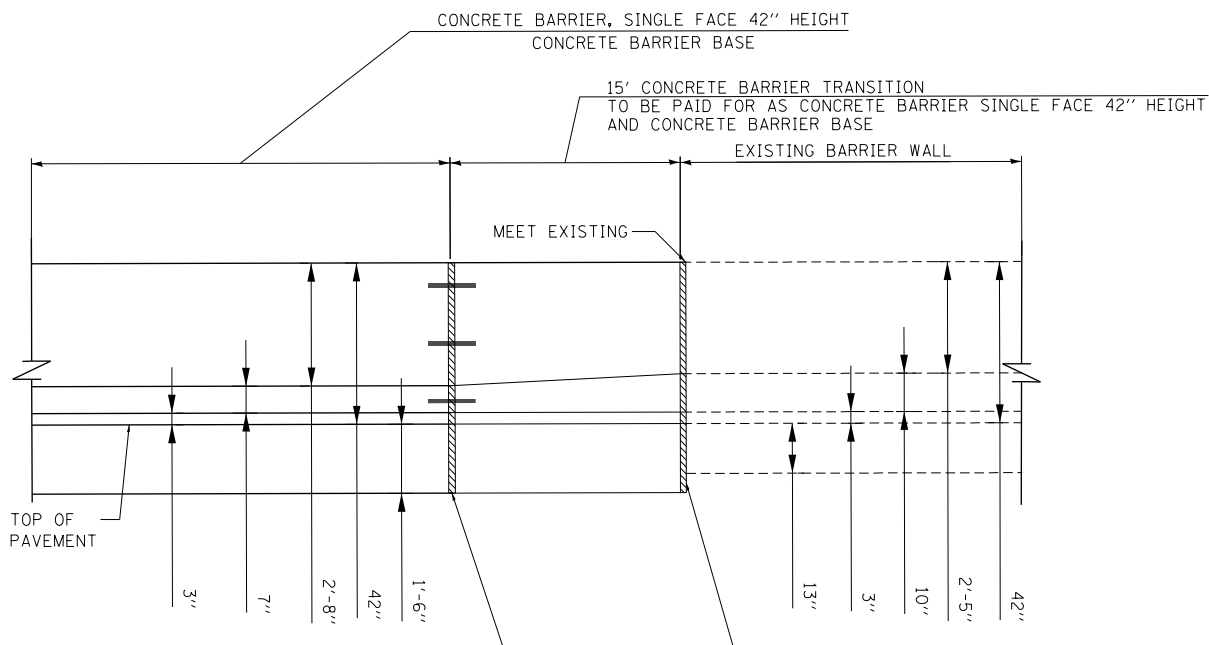
DETAIL "C": PLAN VIEW
SCALE: NONE



DETAIL "D": PLAN VIEW
SCALE: NONE



DETAIL "C": ELEVATION VIEW
SCALE: NONE
(LOOKING EAST)



DETAIL "D": ELEVATION VIEW
SCALE: NONE
(LOOKING EAST)

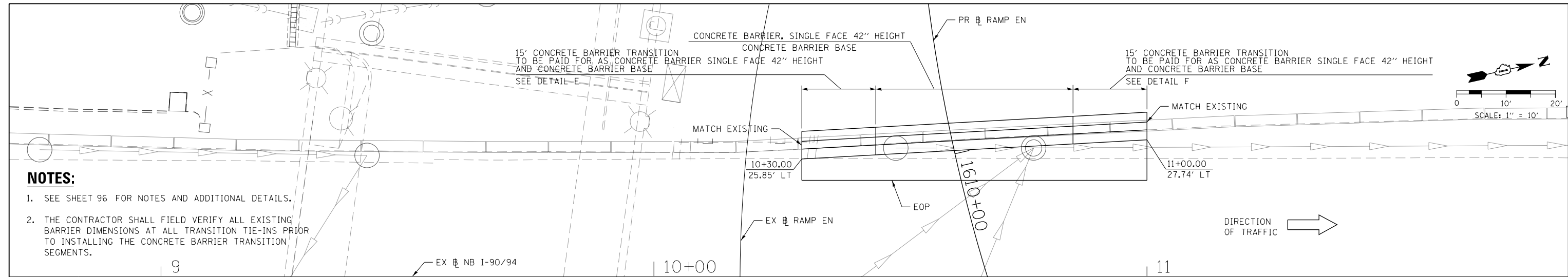


D:\61779-P\INT\secomon\local\IACOM_D502_NA\Documents\01_Americas\Transportation\60269938_Cricle\Phase_1\000_CAD\006_Roadway\Sheets\60X79_SHT-SPBAR-03.dgn	DESIGNED - MKW	REVISED -
USER NAME = mkwilson	DRAWN - BMJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/27/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

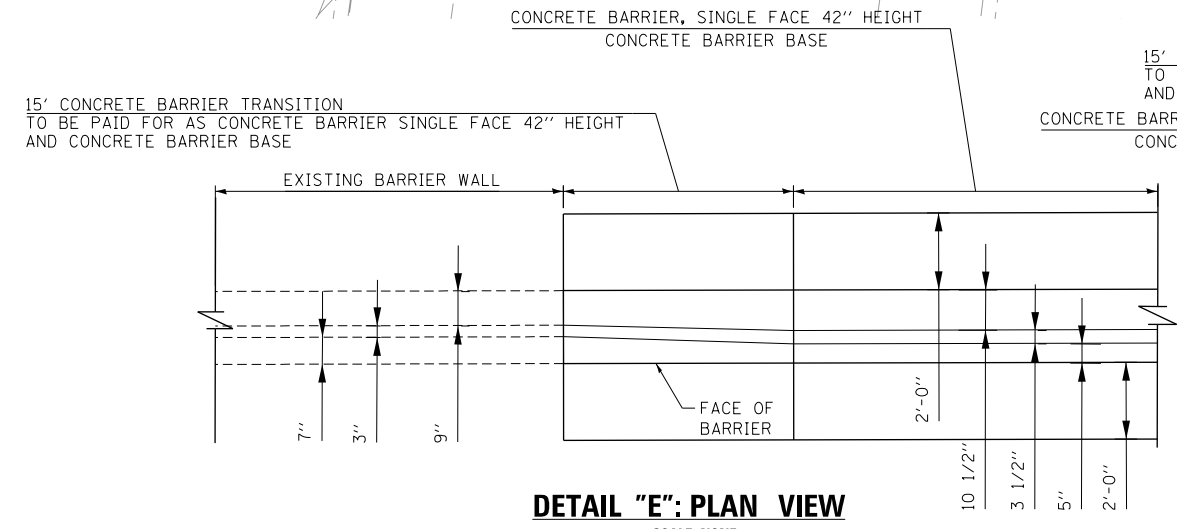
CONCRETE BARRIER TRANSITION DETAILS			
I-90/94 SOUTHBOUND			
SCALE: 1" = 10'	SHEET 1	OF 7 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	89
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

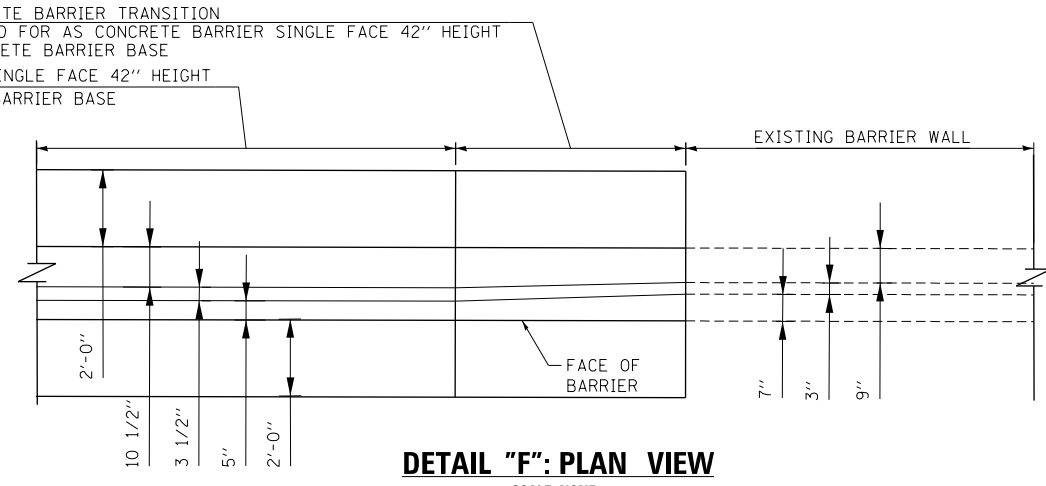


- NOTES:**
- SEE SHEET 96 FOR NOTES AND ADDITIONAL DETAILS.
 - THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING BARRIER DIMENSIONS AT ALL TRANSITION TIE-INS PRIOR TO INSTALLING THE CONCRETE BARRIER TRANSITION SEGMENTS.

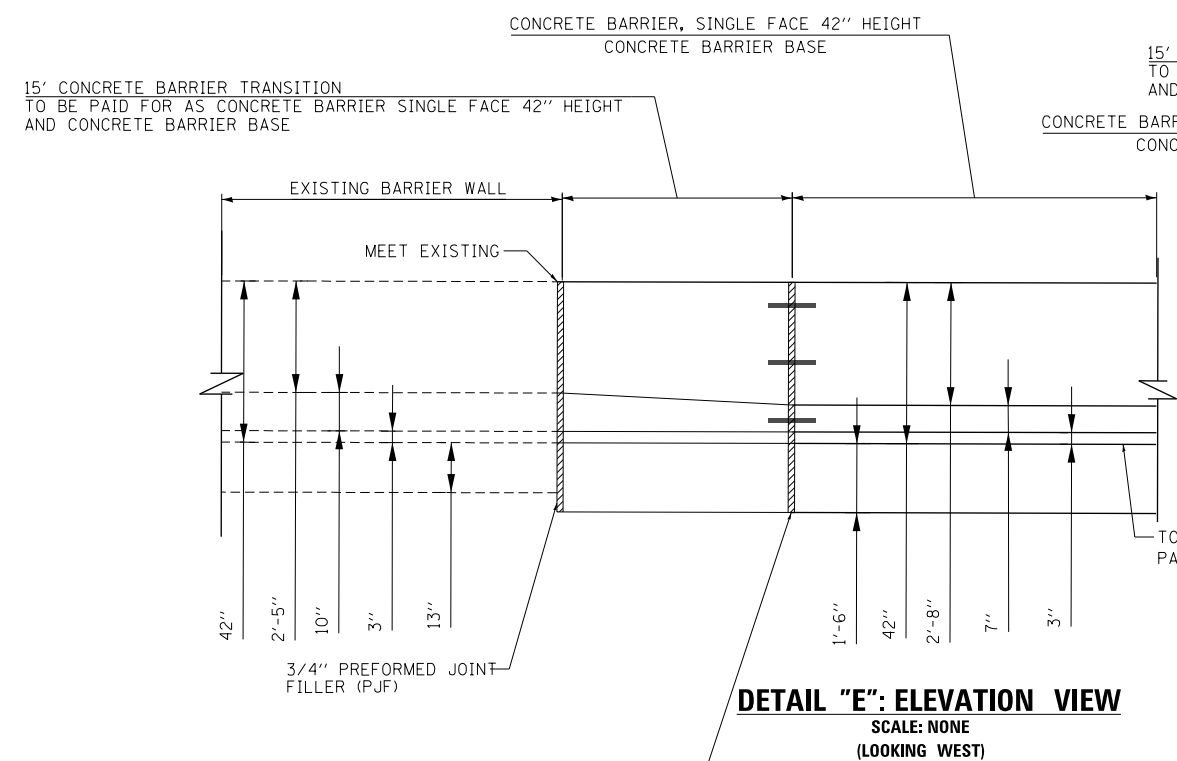
PLAN VIEW



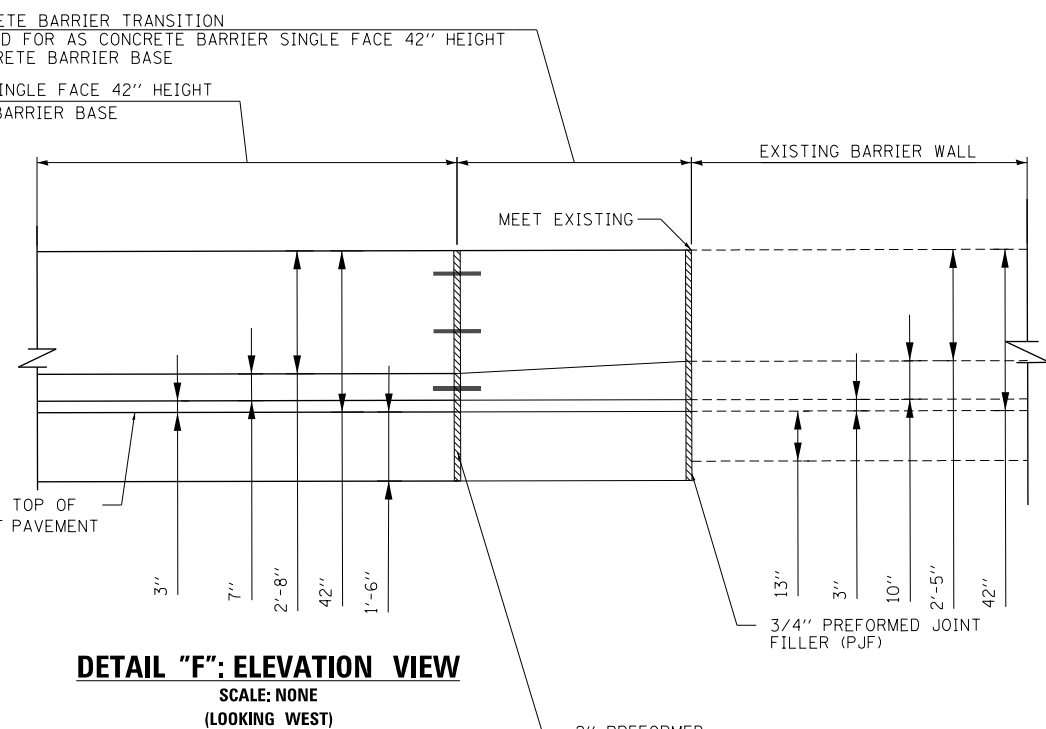
DETAIL "E": PLAN VIEW
SCALE: NONE



DETAIL "F": PLAN VIEW
SCALE: NONE



DETAIL "E": ELEVATION VIEW
SCALE: NONE
(LOOKING WEST)



DETAIL "F": ELEVATION VIEW
SCALE: NONE
(LOOKING WEST)



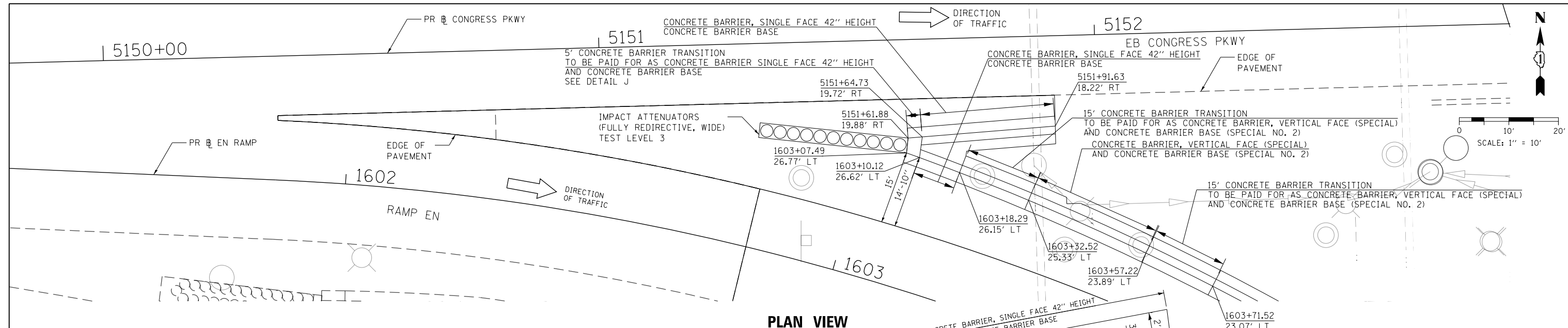
DI60X79-SHT-SP8AR-04.dgn	DESIGNED - MKW	REVISED -
USER NAME = mkwilson	DRAWN - BMJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/27/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CONCRETE BARRIER TRANSITION DETAILS			
I-90/94 NORTHBOUND			
SCALE: 1" = 10'	SHEET 2	OF 7 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	90
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

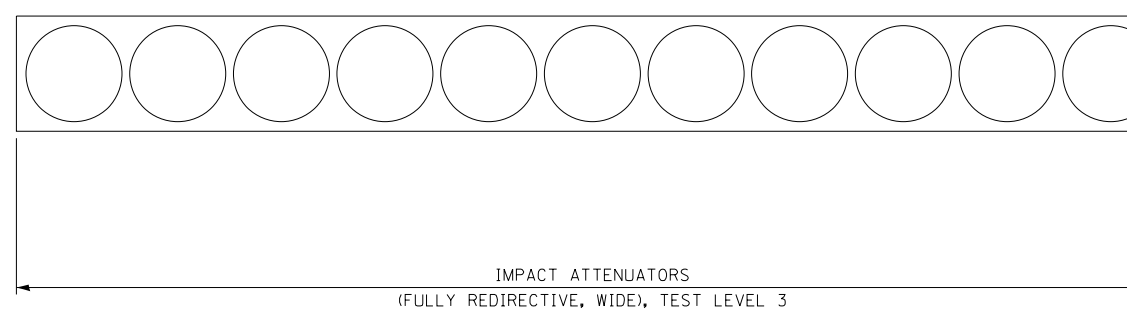
FILE PATH = p:\6179-P\INT-sec\monline\local\IAC\CDM_D502_NA\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\000_CAD\006_Roadway\Sheets\60X79_Contract\DI60X79-SHT-SP8AR-04.dgn



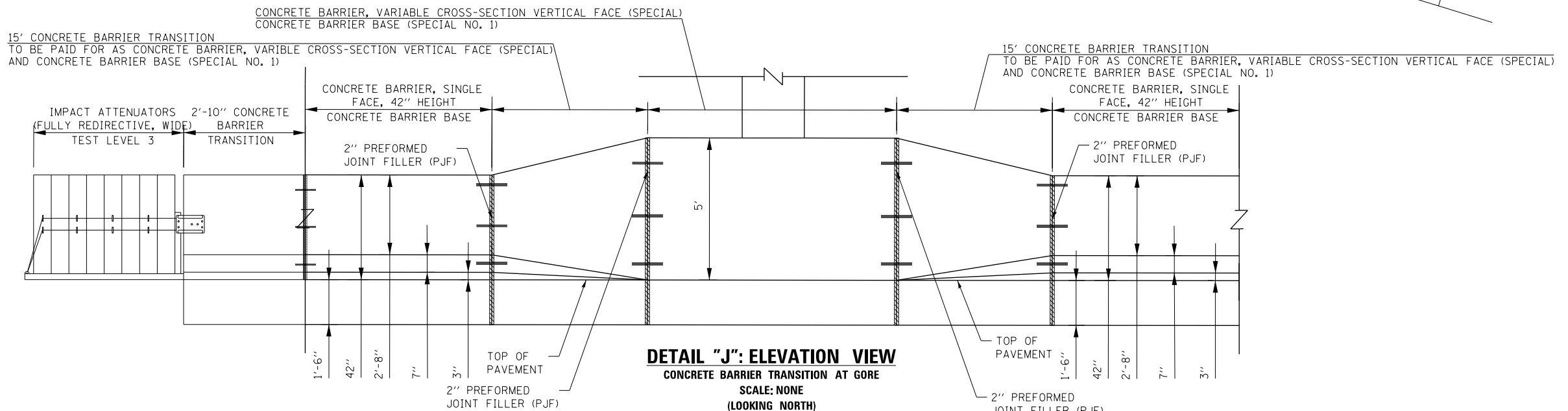
PLAN VIEW

NOTES:

1. SEE SHEET 96 FOR NOTES AND ADDITIONAL DETAILS.
2. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING BARRIER DIMENSIONS AT ALL TRANSITION TIE-INS PRIOR TO INSTALLING THE CONCRETE BARRIER TRANSITION SEGMENTS.



DETAIL "J": PLAN VIEW
CONCRETE BARRIER TRANSITION AT GORE
SCALE: NONE



DETAIL "J": ELEVATION VIEW
CONCRETE BARRIER TRANSITION AT GORE
SCALE: NONE
(LOOKING NORTH)



DI60X79-SHT-SPBAR-06.dgn	DESIGNED - MKW	REVISED -
USER NAME = ml-roe	DRAWN - BMJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 9/7/2018	DATE - 9-10-2018	REVISED -

DESIGNED - MKW	REVISED -
DRAWN - BMJ	REVISED -
CHECKED - JMG	REVISED -
DATE - 9-10-2018	REVISED -

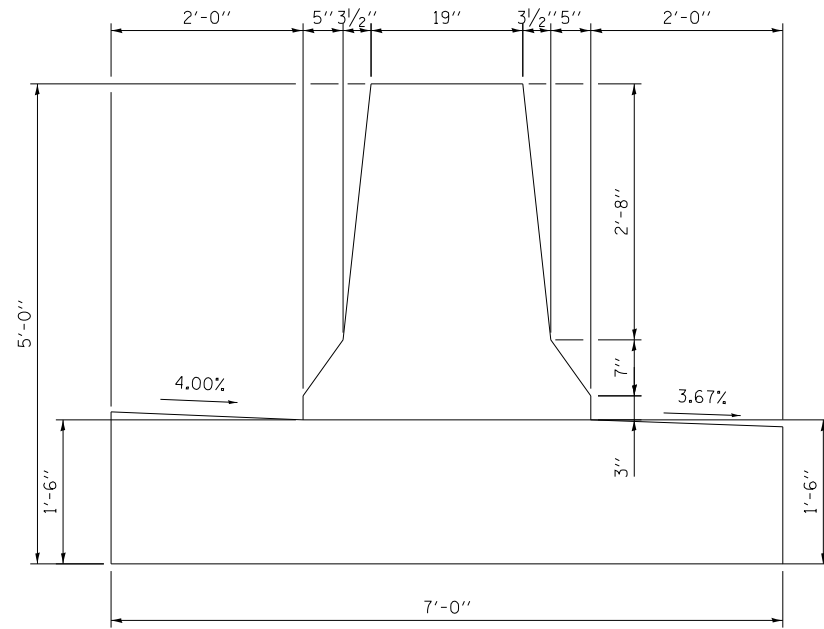
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONCRETE BARRIER TRANSITION DETAILS			
RAMP EN & EB CONGRESS GORE			
SCALE: 1" = 10'	SHEET 3	OF 7 SHEETS	STA. TO STA.

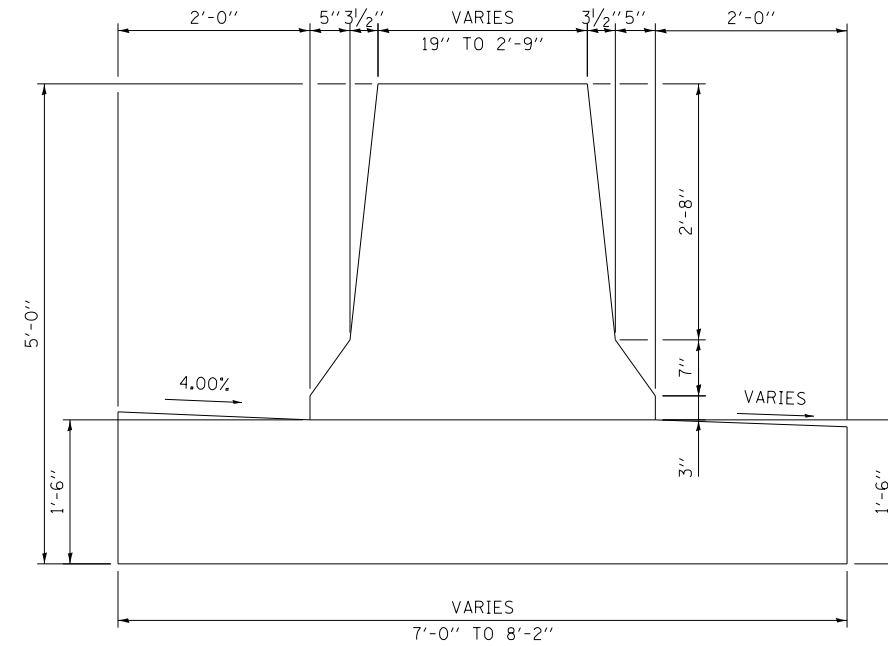
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	91
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

FILE PATH = p:\6179-P\INT-sec\monline\local\IACOM\DS02_MN\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\2006_CAD\006_Roadway\Sheets\60X79_Contract\DI60X79-SHT-SPBAR-06.dgn

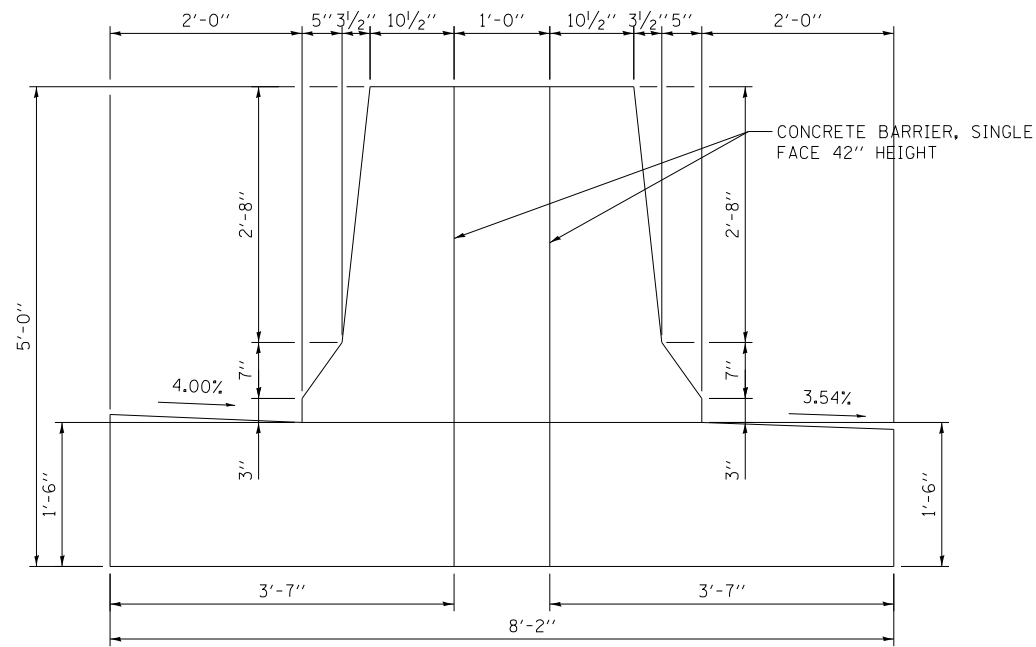
FILE PATH = p:\61779-P\INT\secomon\line\local\IACOM_0502_M\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\006_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-SHT-SPBAR-07.dgn



SECTION MM-MM



SECTION NN-NN



SECTION 00-00

NOTE: FOR REINFORCEMENT DETAILS
SEE SHEET 96



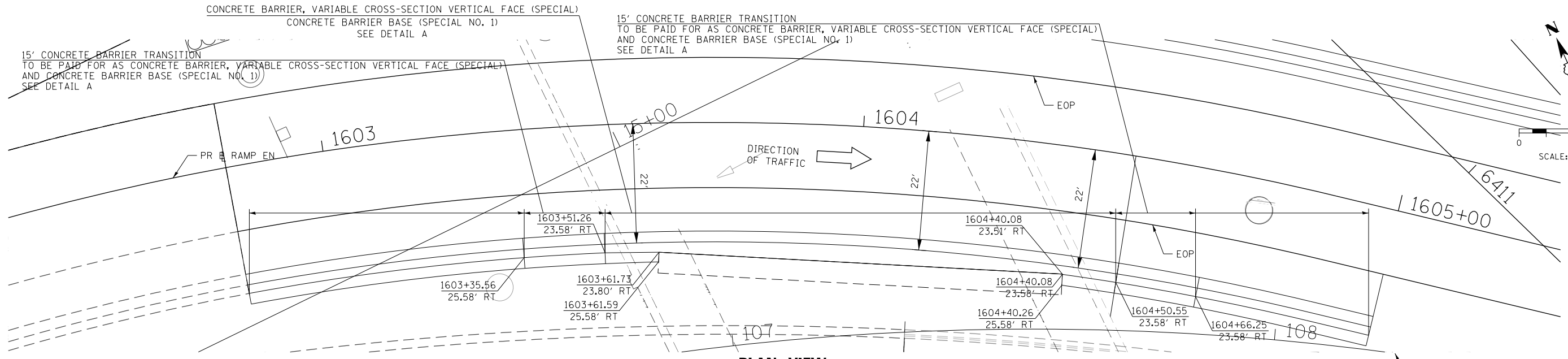
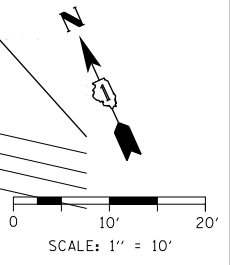
DI60X79-SHT-SPBAR-07.dgn	DESIGNED - MKW	REVISED -
USER NAME = ml-roe	DRAWN - BMJ	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 9/7/2018	DATE - 9-10-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

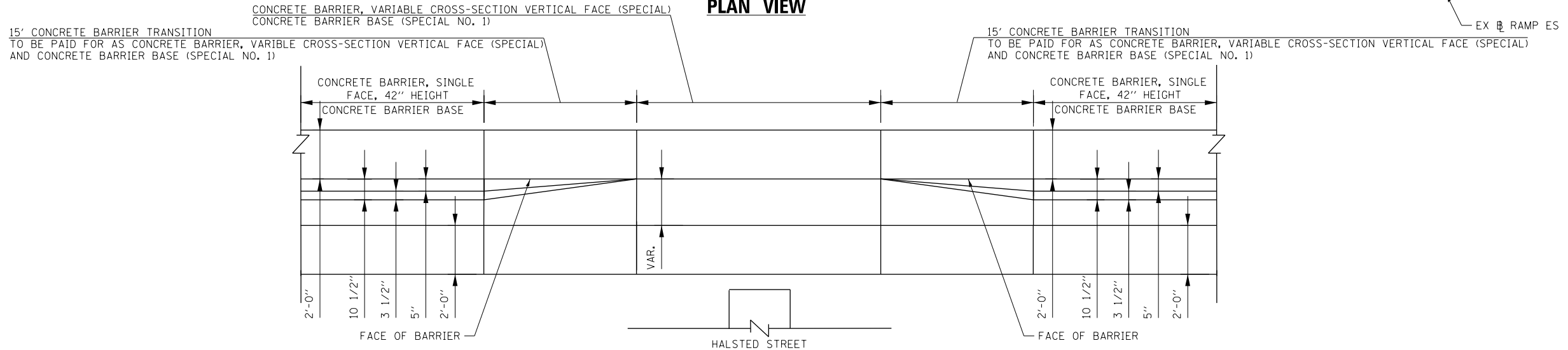
**CONCRETE BARRIER TRANSITION DETAILS
RAMP EN & EB CONGRESS GORE**

SCALE: NONE SHEET 4 OF 7 SHEETS STA. TO STA.

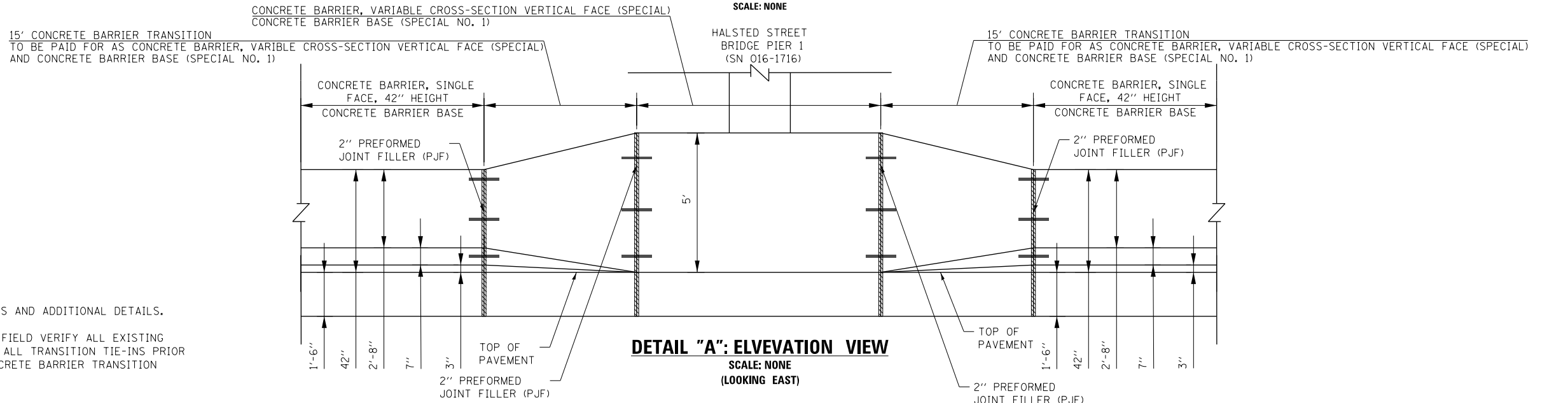
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	92
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				



PLAN VIEW



DETAIL "A": PLAN VIEW



DETAIL "A": ELVEATION VIEW
SCALE: NONE
(LOOKING EAST)

NOTES:

1. SEE SHEET 96 FOR NOTES AND ADDITIONAL DETAILS.
2. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING BARRIER DIMENSIONS AT ALL TRANSITION TIE-INS PRIOR TO INSTALLING THE CONCRETE BARRIER TRANSITION SEGMENTS.

FILE PATH = p:\6179-P\INT\secomon\line\local\IACOM\DS02_NA\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\000_CAD\006_Roadway\Sheets\60X79_SHT-SP8AR-08.dgn



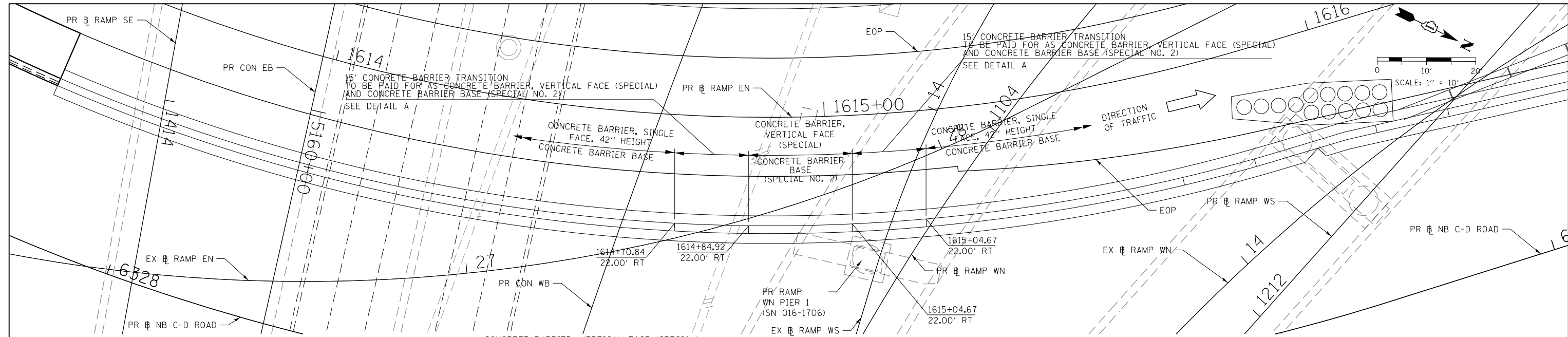
D:\60X79-SHT-SP8AR-08.dgn	DESIGNED - MKW	REVISED -
USER NAME = mkwilson	DRAWN - BMJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - \$BAR-008-CH	REVISED -
PLOT DATE = 9/10/2018	DATE - 9-10-2018	REVISED -

DESIGNED - MKW	REVISED -
DRAWN - BMJ	REVISED -
CHECKED - \$BAR-008-CH	REVISED -
DATE - 9-10-2018	REVISED -

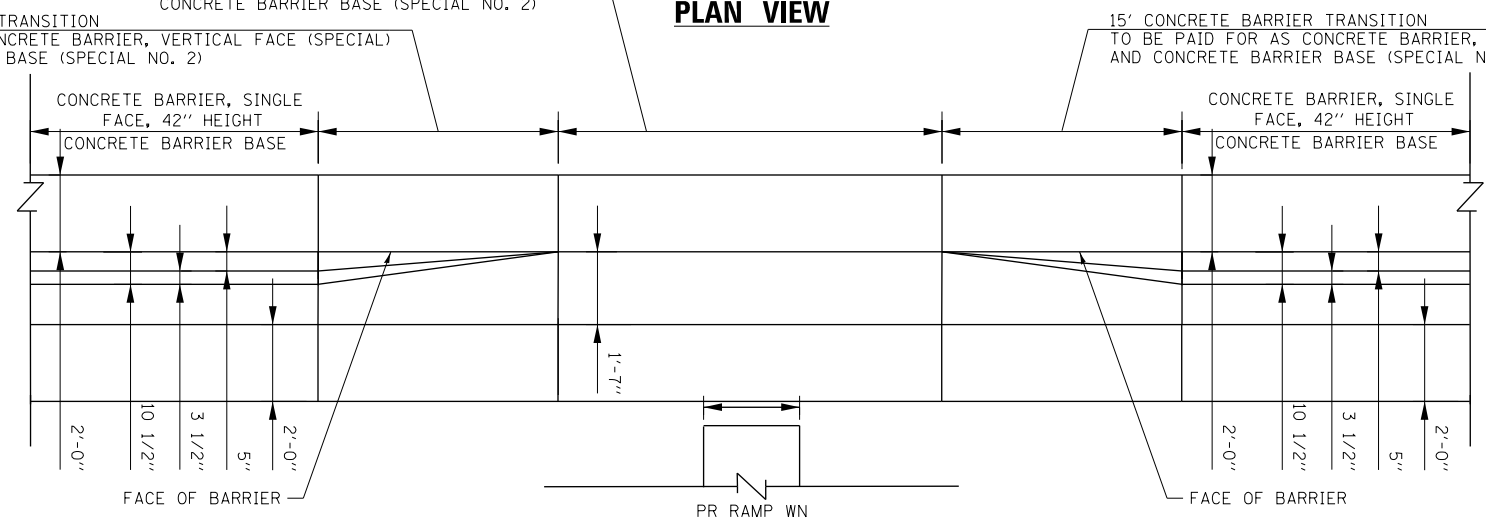
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CONCRETE BARRIER TRANSITION DETAILS			
I-90/94 NORTHBOUND			
SCALE: 1" = 10'	SHEET 5	OF 7 SHEETS	STA. TO STA.

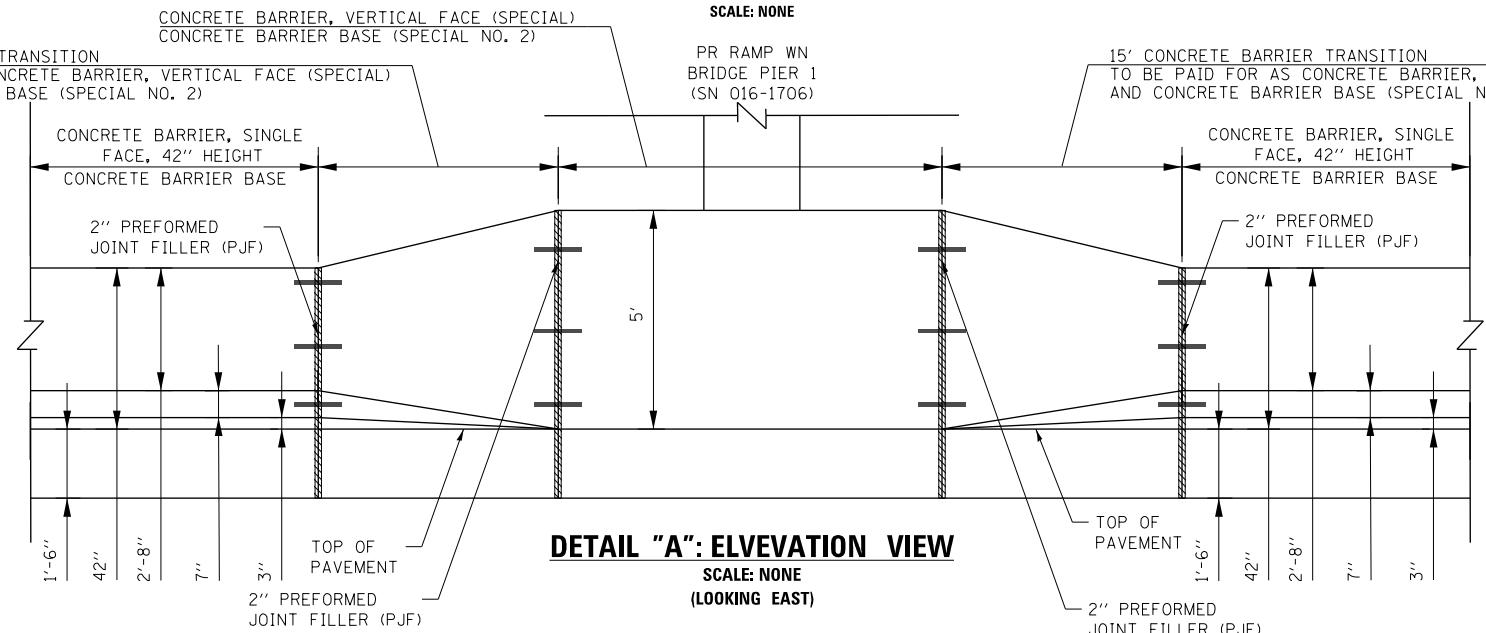
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	93
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				



PLAN VIEW



DETAIL "A": PLAN VIEW



DETAIL "A": ELVEATION VIEW
SCALE: NONE
(LOOKING EAST)

FILE PATH = p:\6179-P\INT\secomon\line\local\IACOM\DS02_NA\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\000_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-SHT-SPBAR-08A.dgn



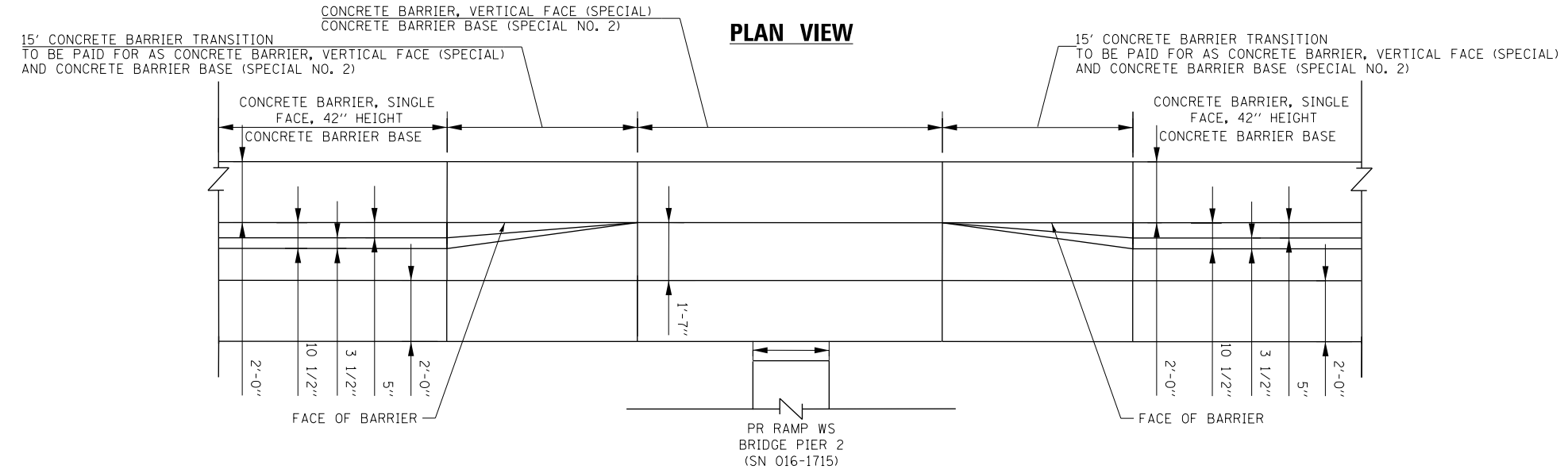
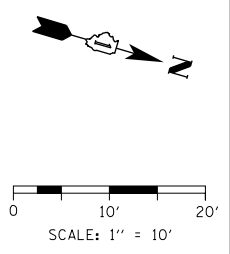
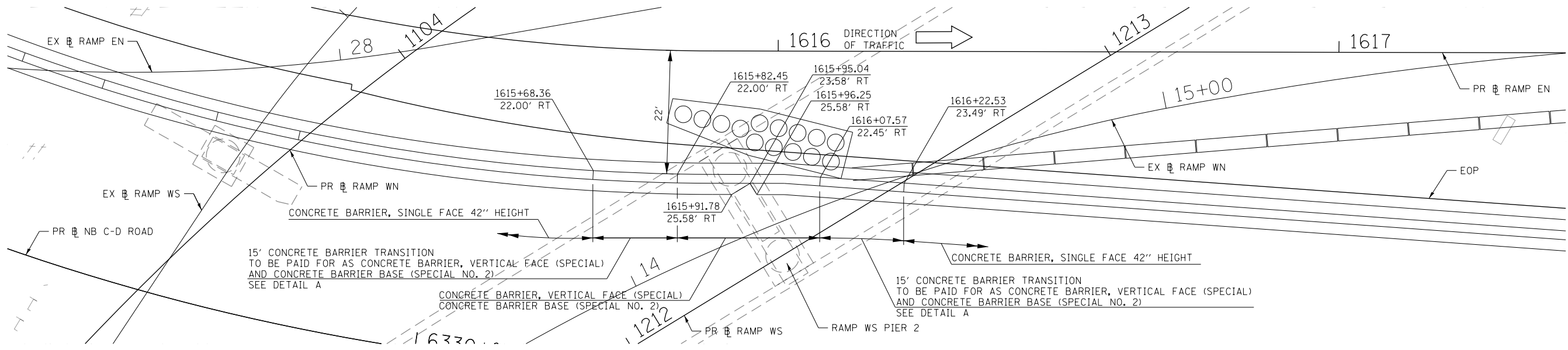
D:\60X79-SHT-SPBAR-08A.dgn
USER NAME = mkwilson
PLOT SCALE = 20.0000' / in.
PLOT DATE = 7/30/2018

DESIGNED - MKW	REVISED -
DRAWN - BMJ	REVISED -
CHECKED - JMG	REVISED -
DATE - 7-30-2018	REVISED -

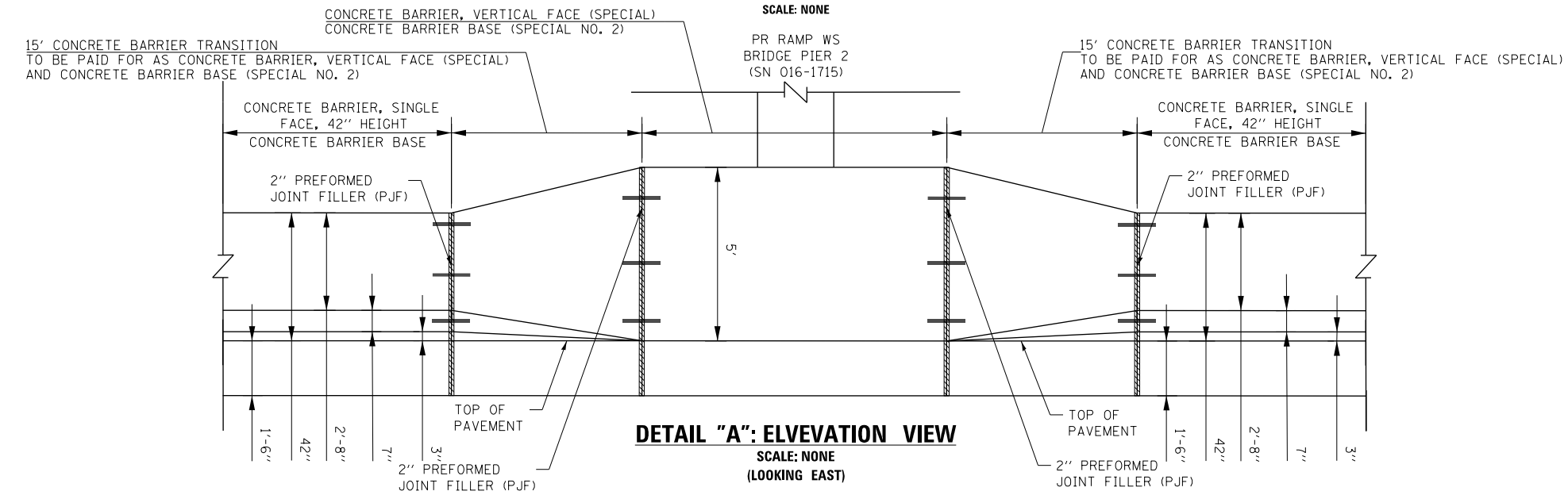
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CONCRETE BARRIER TRANSITION DETAILS			
RAMP EN			
SCALE: 1" = 10'	SHEET 6	OF 7 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	94
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				



DETAIL "A": PLAN VIEW
SCALE: NONE



DETAIL "A": ELEVATION VIEW
SCALE: NONE (LOOKING EAST)

FILE PATH = p:\61799-P\INT\secomon\line\local\IACOM\DS02_NA\Documents\01_Americas\Transportation\60269938_Circle\Phase_11\006_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-SHT-SP8AR-09.dgn



D160X79-SHT-SP8AR-09.dgn	DESIGNED - MKW	REVISED -
USER NAME = mkwilson	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**

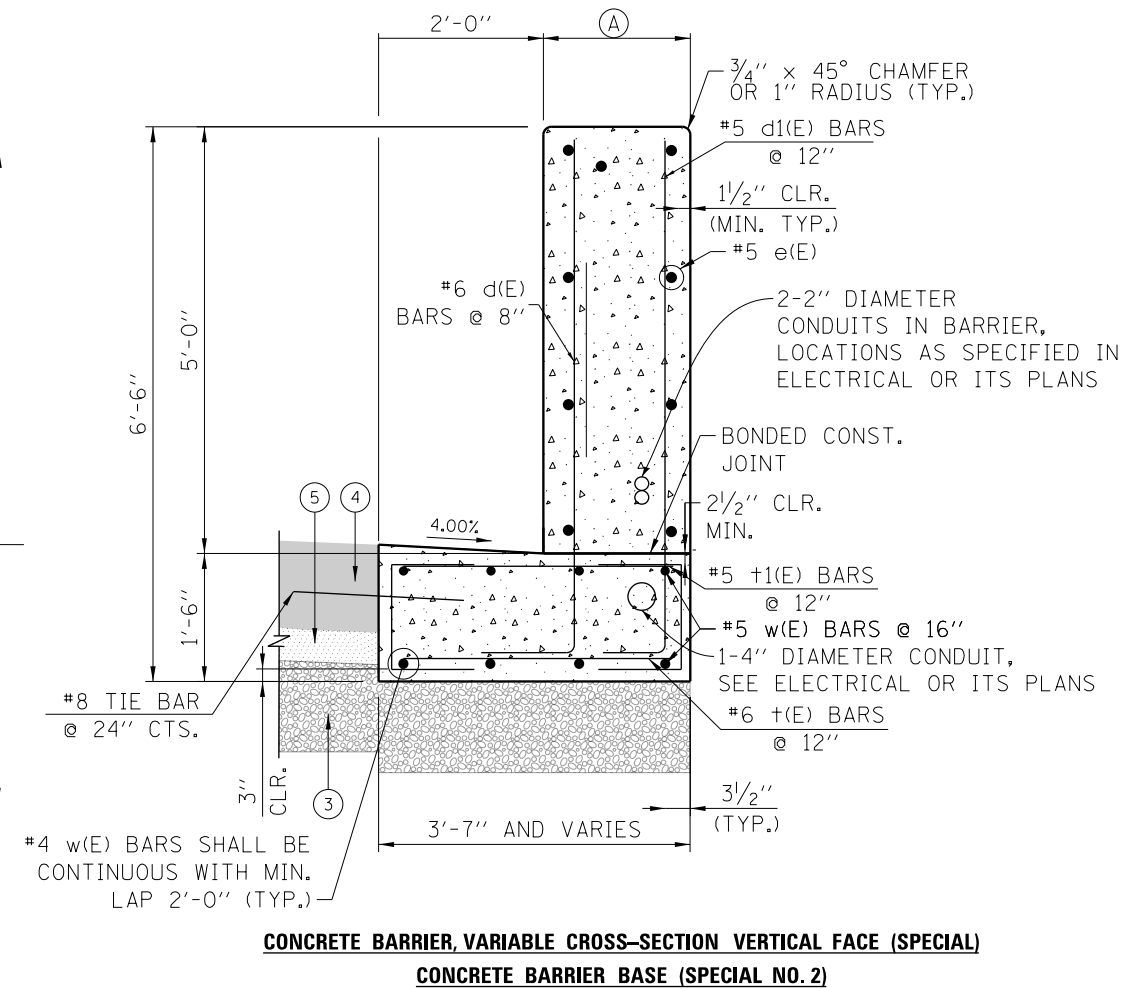
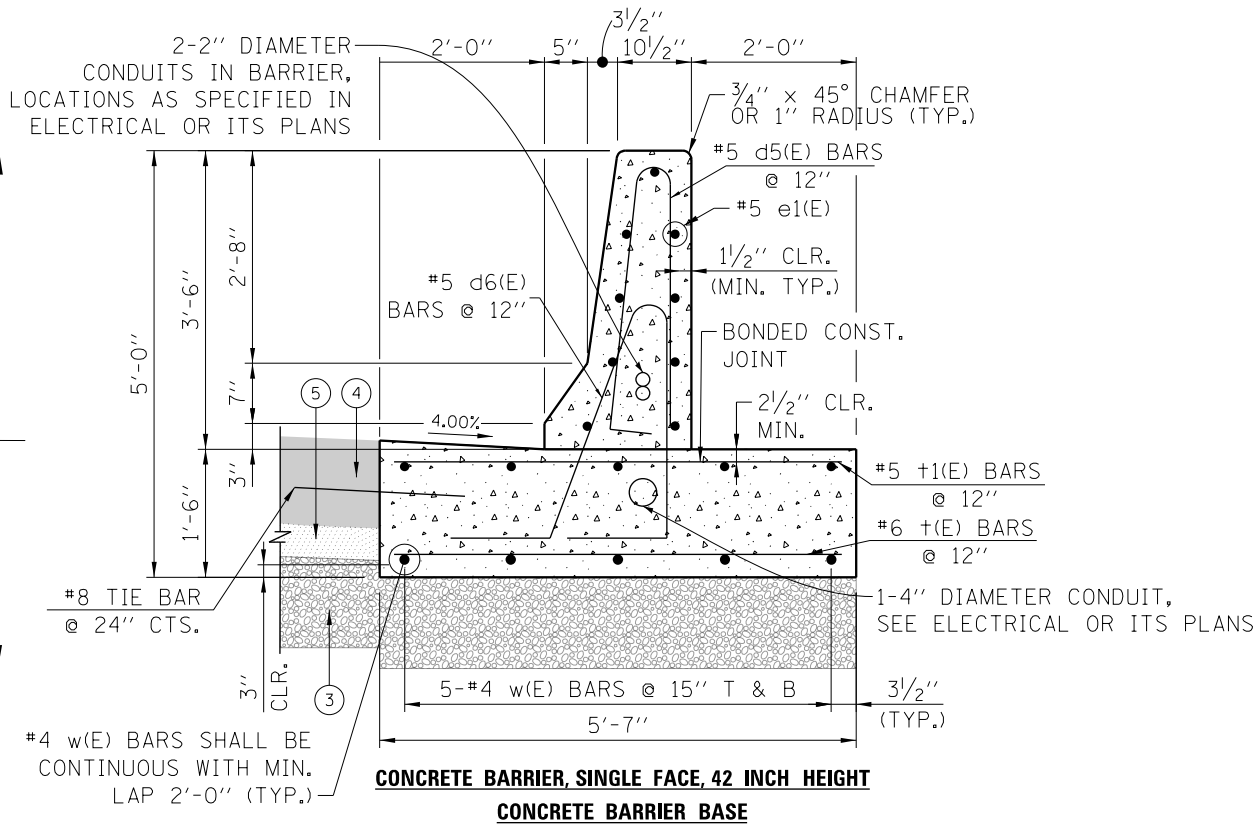
CONCRETE BARRIER TRANSITION DETAILS RAMP EN			
SCALE: 1" = 10'	SHEET 7	OF 7 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	95
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

FILE PATH = p:\61779-P\INT\recomon\line\local\IACOM_D592_MH\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\1006_CAD\006_Roadway\Sheets\60X79_Contract\016879-SHT-SPBAR-Detail-01.dgn

PAID FOR AS CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT

PAID FOR AS CONCRETE BARRIER, VARIABLE CROSS-SECTION CONCRETE BARRIER BASE (SPECIAL NO. 1)

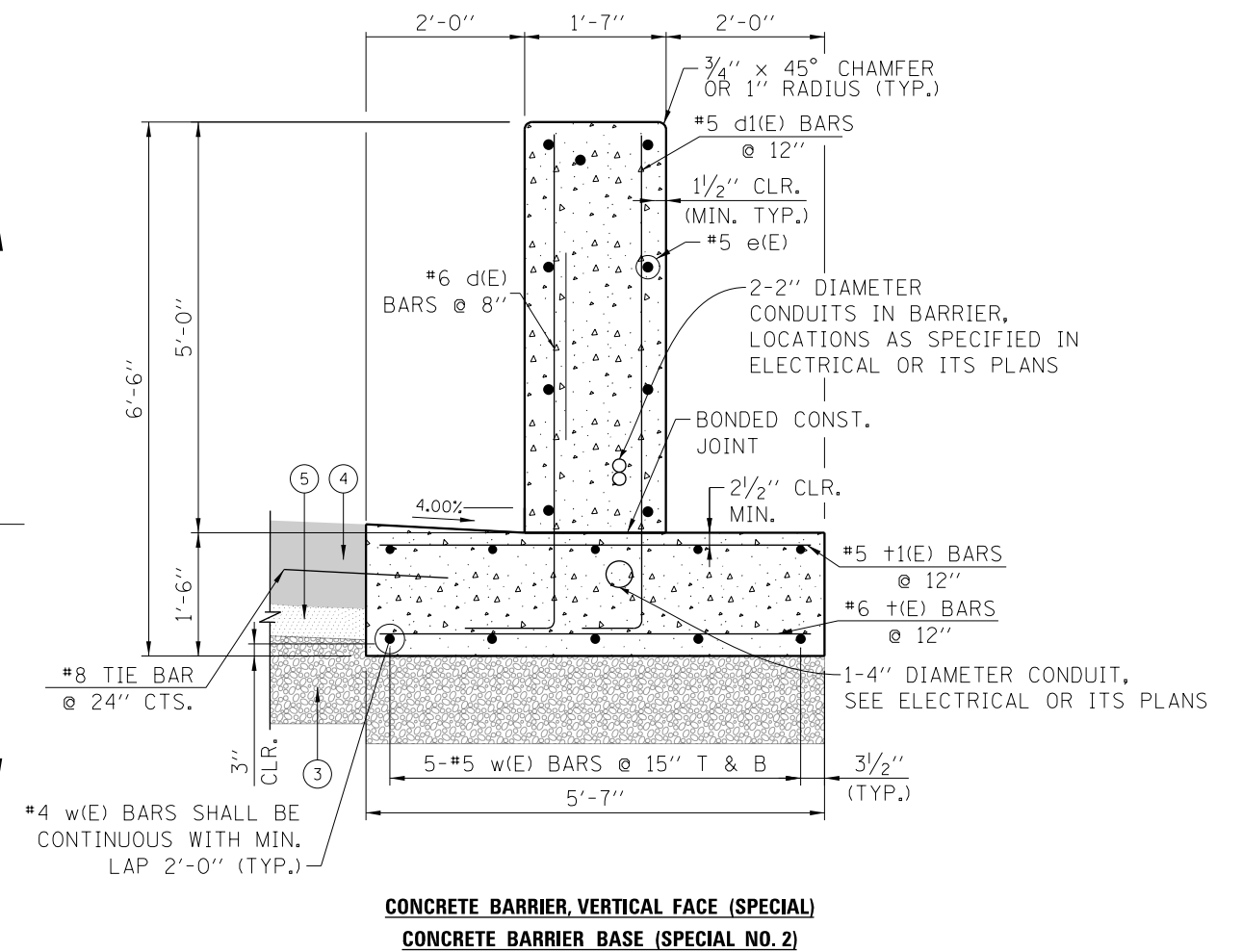


(A)

CONCRETE BARRIER VARIABLE CROSS-SECTION 42 INCH HEIGHT CONCRETE BARRIER BASE (SPECIAL NO. 1)		
WIDTH	FROM STA	BACK OF BARRIER OFFSET
1.59'	1603+51.26	23.58' RT
1.80'	1603+61.73	23.80' RT
2.87'	1603+81.73	24.86' RT
3.14'	1604+01.73	25.14' RT
2.65'	1604+21.73	24.65' RT
1.51'	1604+40.08	23.51' RT
1.59'	1604+40.08	23.58' RT
1.59'	1604+50.55	23.58' RT

- LEGEND:**
- ① PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)
 - ② STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
 - ③ AGGREGATE SUBGRADE IMPROVEMENT 12"
 - ④ PORTLAND CEMENT CONCRETE SHOULDERS 11"
 - ⑤ SUBBASE GRANULAR MATERIAL, TYPE C 4"

PAID FOR AS CONCRETE BARRIER, VERTICAL FACE (SPECIAL NO. 2)



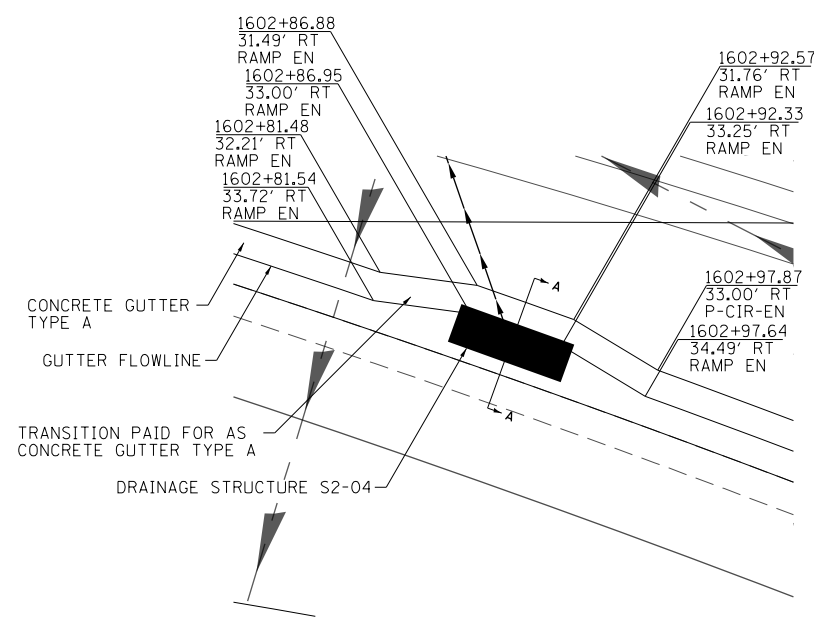
D:\60X79-SHT-SPBAR-Detail-01.dgn	DESIGNED - WJC	REVISED -
USER NAME = ml-ro	DRAWN - VLJ	REVISED -
PLOT SCALE = 100.0000' / 1"	CHECKED - JMG	REVISED -
PLOT DATE = 9/7/2018	DATE - 9-10-2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

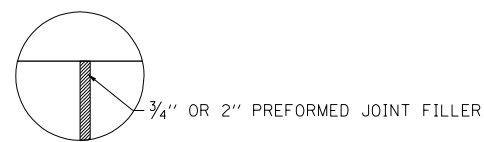
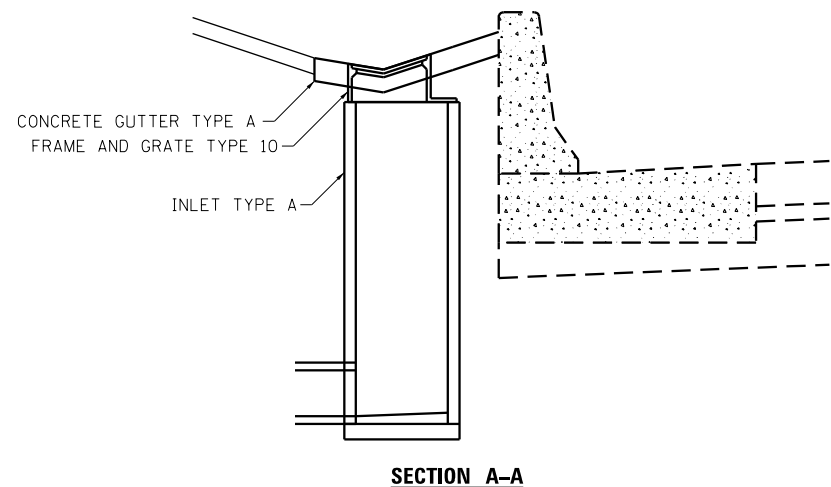
CONCRETE BARRIER DETAILS	
SCALE: NONE	SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.I. R.E. 90/94/290	SECTION 2014-005R&B	COUNTY COOK	TOTAL SHEETS 888	SHEET NO. 96
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

FILE PATH = p:\61779-P\INT\recomon\line\local\IACOM\DS02_M\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\1006_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-SHT-SP8AR-Detail-02.dgn

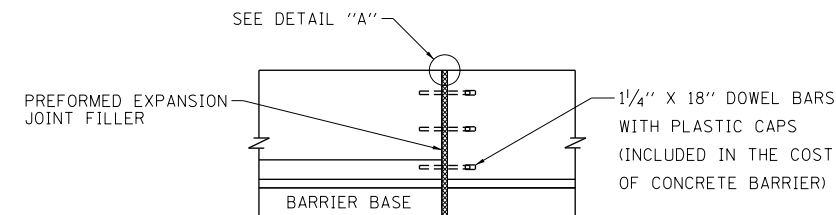


GUTTER TRANSITION DETAIL



DETAIL "A"

SCALE: NONE

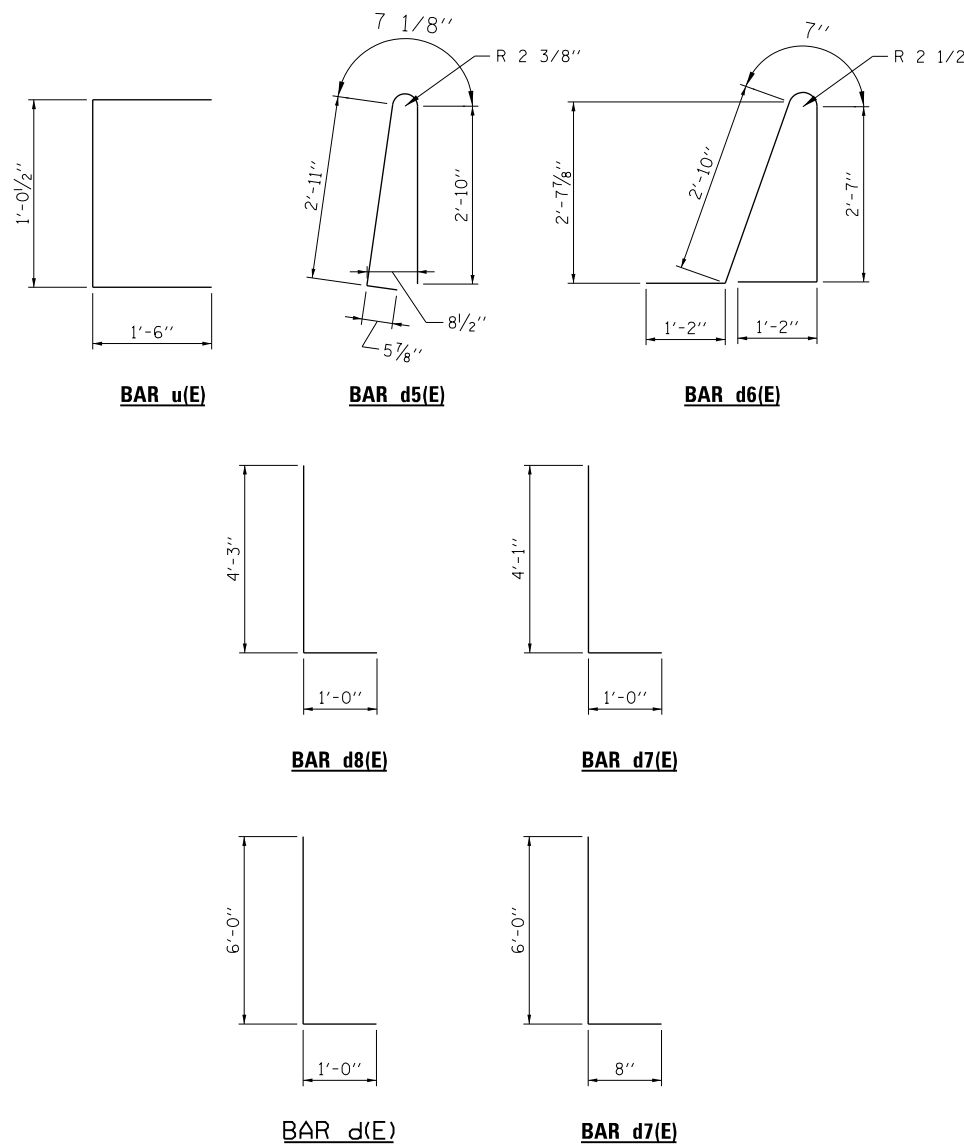


EXPANSION JOINT - 42" BARRIER

SCALE: NONE

NOTES:

1. TOP SHOULDER EDGE OF BARRIER BASE GUTTER SHALL MATCH THE TOP OF SHOULDER ELEVATION.
2. 1" DEEP CONTRACTION JOINTS SHALL BE CONSTRUCTED IN BOTH THE REINFORCED CONCRETE BARRIER WALL AND BASE.
3. THE FORMING OF CONTRACTION JOINTS SHALL BE DONE WITH AN APPROVED FINISHING TOOL OR BY SAWING AT THE DISCRETION OF THE ENGINEER SUBJECT TO THE SATISFACTORY CONTROL OF CRACKING.
4. REINFORCING BARS DESIGNATED "E)" SHALL BE EPOXY COATED.
5. REINFORCEMENT BENDING DETAILS SHALL BE IN ACCORDANCE WITH THE "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES ", ACI 315, LATEST EDITION.
6. REINFORCEMENT BAR BENDING DIMENSIONS ARE OUT TO OUT.
7. BARRIER SHALL BE USED WITH ALL NEW CONSTRUCTION, OR RECONSTRUCTION OF EXISTING BARRIERS.
8. EXPANSION JOINTS SHOWN ON THIS DRAWING SHALL BE PREFORMED JOINT MATERIAL (BITUMINOUS TYPE) FILLER AND SHALL MEET AASHTO DESIGNATION M-33.
9. ALL WORK AND MATERIALS DETAILED HEREIN SHALL BE INCLUDED IN THE COST OF THE VARIOUS CONCRETE BARRIER PAY ITEMS UNLESS OTHERWISE NOTED.
10. PREFORMED JOINT FILLER SHALL BE INCLUDED IN THE COST OF THE VARIOUS CONCRETE BARRIER WALL PAY ITEMS.
11. JOINTS SHALL BE CONSTRUCTED AS SHOWN ON THE PLANS AND IN ACCORDANCE WITH ARTICLE 637.08 OF THE STANDARD SPECIFICATIONS
12. TWO VERTICAL EPOXY COATED, NO. 8 TIE BARS, 10" LONG, SHALL BE PLACED STAGGERED FRONT TO BACK OF THE BARRIER WALL AT 48" CENTERS ALONG THE CONCRETE BARRIER TRANSITION. TIE BARS SHALL BE INCLUDED IN THE COST OF CONCRETE BARRIER TRANSITION (SPECIAL).
13. HORIZONTAL TIE BARS SHALL BE NO. 6 EPOXY COATED, 24" LONG, 24" C-C AND SHALL BE INCLUDED IN THE COST OF THE CONCRETE BARRIER BASE (SPECIAL). HORIZONTAL TIE BARS ARE REQUIRED WHEN PAVEMENT IS PCC.
14. EXPANSION JOINTS SHALL BE CONSTRUCTED IN BARRIER WALL AT MAXIMUM JOINT SPACING OF 90 FEET.
15. VERTICAL TIE BARS ARE REQUIRED WHEN CONCRETE BARRIER AND CONCRETE BARRIER BASE ARE NOT POURED MONOLITHICALLY.
16. FOR SUPERELEVATION SECTIONS, 1'-6" BARRIER BASE THICKNESS SHALL BE MAINTAINED.
17. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.



D:\60X79-SHT-SP8AR-Detail-02.dgn	DESIGNED - WJC	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 9/10/2018	DATE - 9-10-2018	REVISED -

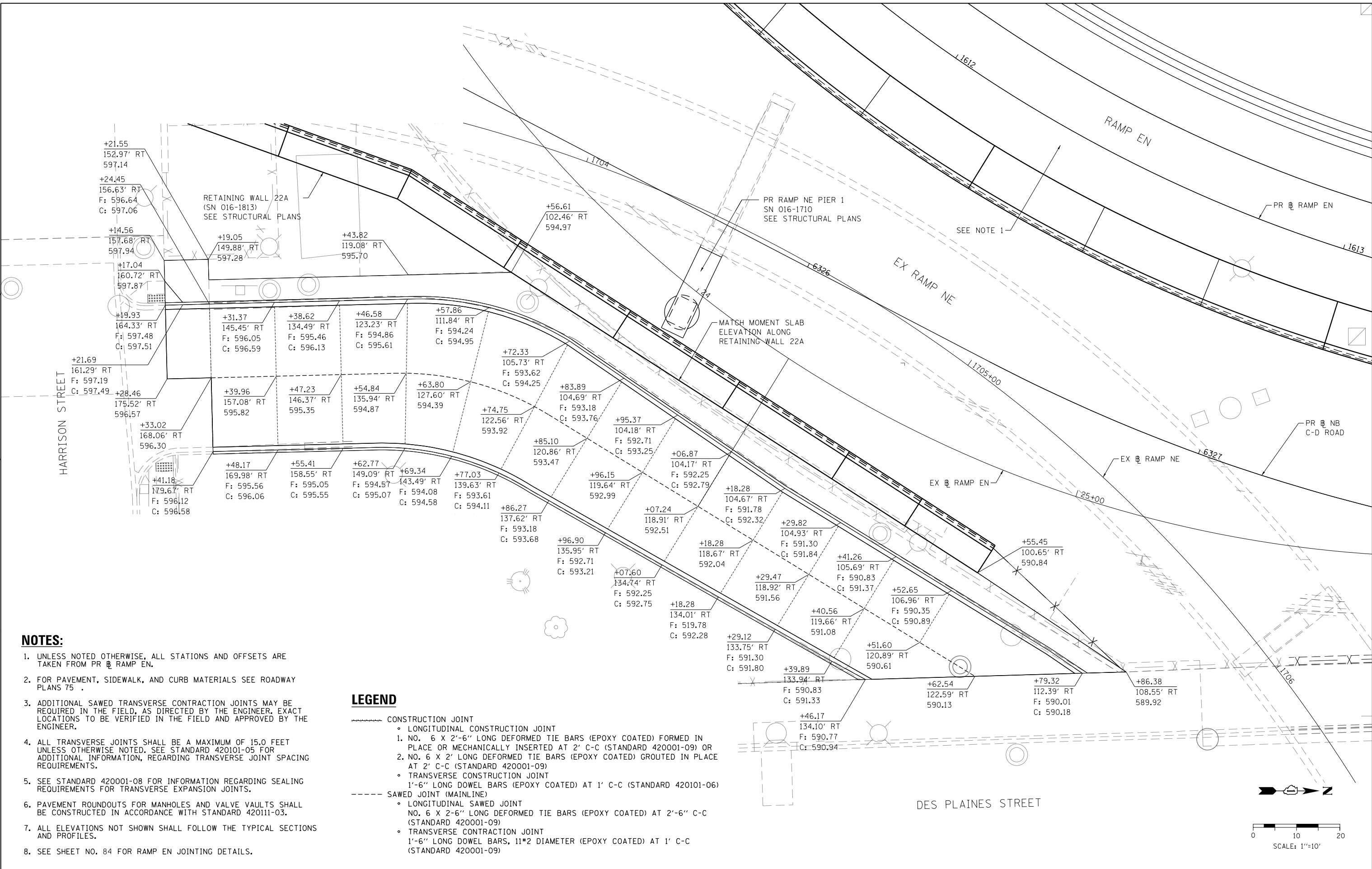
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CONCRETE BARRIER DETAILS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	97
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

FILE PATH = p:\617479-P\W\T\ascom\line\local\p\station\60269938_Circle\Phase 1\000_CAD\006_Roadway\Sheets\60X79_Sht-GRADING-DET-01.dgn

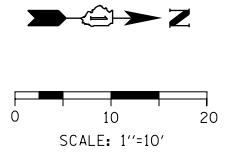


NOTES:

- UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS ARE TAKEN FROM PR RAMP EN.
- FOR PAVEMENT, SIDEWALK, AND CURB MATERIALS SEE ROADWAY PLANS 75 .
- ADDITIONAL SAWED TRANSVERSE CONTRACTION JOINTS MAY BE REQUIRED IN THE FIELD, AS DIRECTED BY THE ENGINEER. EXACT LOCATIONS TO BE VERIFIED IN THE FIELD AND APPROVED BY THE ENGINEER.
- ALL TRANSVERSE JOINTS SHALL BE A MAXIMUM OF 15.0 FEET UNLESS OTHERWISE NOTED. SEE STANDARD 420101-05 FOR ADDITIONAL INFORMATION, REGARDING TRANSVERSE JOINT SPACING REQUIREMENTS.
- SEE STANDARD 420001-08 FOR INFORMATION REGARDING SEALING REQUIREMENTS FOR TRANSVERSE EXPANSION JOINTS.
- PAVEMENT ROUNDOUTS FOR MANHOLES AND VALVE VAULTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 420111-03.
- ALL ELEVATIONS NOT SHOWN SHALL FOLLOW THE TYPICAL SECTIONS AND PROFILES.
- SEE SHEET NO. 84 FOR RAMP EN JOINTING DETAILS.

LEGEND

- CONSTRUCTION JOINT
 - o LONGITUDINAL CONSTRUCTION JOINT
 - 1. NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) FORMED IN PLACE OR MECHANICALLY INSERTED AT 2' C-C (STANDARD 420001-09) OR
 - 2. NO. 6 X 2' LONG DEFORMED TIE BARS (EPOXY COATED) GROUTED IN PLACE AT 2' C-C (STANDARD 420001-09)
 - o TRANSVERSE CONSTRUCTION JOINT
 - 1'-6" LONG DOWEL BARS (EPOXY COATED) AT 1' C-C (STANDARD 420101-06)
- SAWED JOINT (MAINLINE)
 - o LONGITUDINAL SAWED JOINT
 - NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) AT 2'-6" C-C (STANDARD 420001-09)
 - o TRANSVERSE CONTRACTION JOINT
 - 1'-6" LONG DOWEL BARS, 11#2 DIAMETER (EPOXY COATED) AT 1' C-C (STANDARD 420001-09)



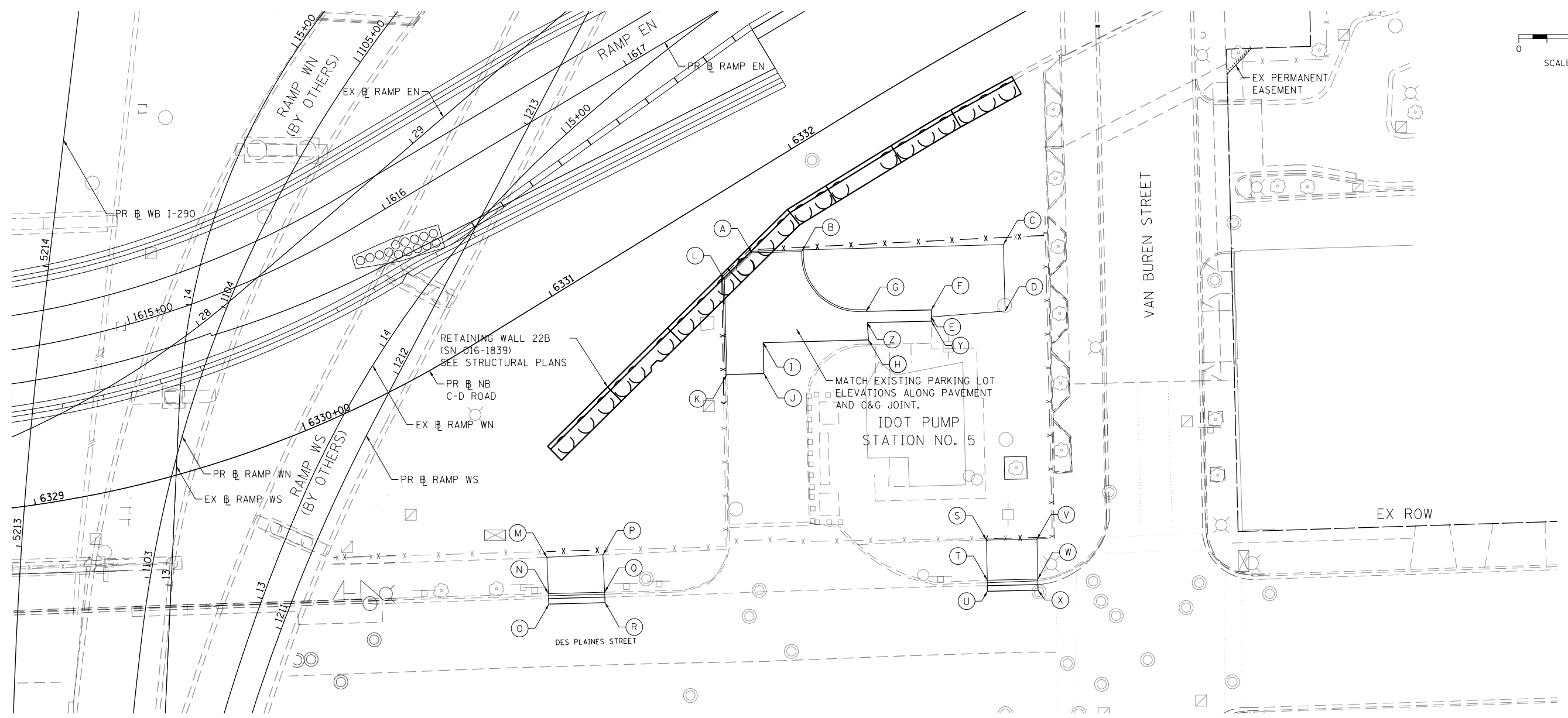
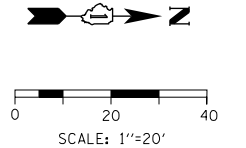
D:\617479-Sht-GRADING-DET-01.dgn	DESIGNED - MKW	REVISED -
USER NAME = mkwilson	DRAWN - BMJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/27/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY GRADING PLAN DETAILS

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

F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	98
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				



- NOTES:**
- SEE SHEET NO. 85 FOR RAMP EN JOINTING DETAILS.
 - ALL STATIONS AND OFFSETS ARE MEASURED FROM PR RAMP EN UNLESS OTHERWISE NOTED.

	STATION	OFFSET	LT/RT	ELEVATION
A	1617+04.07	80.27	RT	593.10
B	1617+19.55	88.96	RT	592.96
C	1617+82.45	123.62	RT	594.04
D	1617+70.86	144.26	RT	593.24
E	1617+47.21	132.60	RT	593.75
F	1617+28.57	118.72	RT	593.79
G	1617+28.41	119.04	RT	593.30
H	1617+23.88	128.18	RT	593.28
I	1616+91.31	109.79	RT	592.17
J	1616+85.73	119.40	RT	592.03
K	1616+74.24	112.95	RT	591.83
L	1616+90.75	83.55	RT	592.27
M	1615+86.57	135.98	RT	590.09

	STATION	OFFSET	LT/RT	ELEVATION
N	1615+82.32	147.46	RT	589.81
O	1615+81.14	150.79	RT	589.48
P	1616+03.49	145.46	RT	590.55
Q	1615+97.17	157.19	RT	590.30
R	1615+95.40	160.47	RT	589.96
S	1617+23.37	210.88	RT	593.16
T	1617+16.27	233.33	RT	592.69
U	1617+14.33	226.73	RT	592.31
V	1617+39.01	219.80	RT	593.24
W	1617+31.94	232.19	RT	592.91
X	1617+29.97	235.64	RT	592.59
Y	1617+46.44	133.90	RT	593.72
Z	1617+26.63	122.63	RT	593.29



DI60X79-Sht-GRADING-DET-02.dgn
 USER NAME = mkwilson
 PLOT SCALE = 40.0000' / in.
 PLOT DATE = 7/27/2018

DESIGNED - MKW
 DRAWN - BMJ
 CHECKED - JMG
 DATE - 7-30-2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ROADWAY GRADING PLAN DETAILS

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

F.A.I. RTE. 90/94/290	SECTION 2014-005R&B	COUNTY COOK	TOTAL SHEETS 888	SHEET NO. 99
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

FILE PATH = p:\617479-P\INT.\ascomon\line\local\IACOM.DS02_NA\Documents\01_Americas\Transportation\60269938_Circle\Phase_11\000_CAD\006_Roadway\Sheets\60X79_Contract\DI60X79-Sht-GRADING-DET-02.dgn

TRAFFIC CONTROL GENERAL NOTES

- TRAFFIC CONTROL AND PROTECTION SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 701 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE ARTERIAL TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 AND THE EXPRESSWAYS TRAFFIC CONTROL SUPERVISOR AT (847) 705-4155 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- UNLESS OTHERWISE NOTED IN THE SPECIAL PROVISIONS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER 28 DAYS PRIOR TO ANY ANTICIPATED CLOSURES.
- TYPE III BARRICADES AND ROAD CLOSURE SIGNS SHALL BE POSITIONED AS SHOWN, ACCORDING TO HIGHWAY STANDARD 701901 AND AS DIRECTED BY THE ENGINEER.
- TYPE A LOW INTENSITY FLASHING WARNING LIGHTS SHALL BE USED ON EACH SIGN IN ADVANCE OF THE WORK DURING HOURS OF DARKNESS.
- ALL CONSTRUCTION WARNING SIGNS SHALL BE A MINIMUM OF 48" x 48" AND HAVE A BLACK LEGEND AND BORDER ON A FLUORESCENT ORANGE REFLECTORIZED BACKGROUND.
- ALL TYPE III BARRICADES UTILIZED FOR ROAD CLOSURES SHALL INCLUDE TWO LOW INTENSITY FLASHING LIGHTS MOUNTED ON TOP OF EACH BARRICADE.
- FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE. THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SANDBAGS ON EACH TYPE I OR II BARRICADE USED.
- ALL TYPE II/III BARRICADES, DRUMS, AND VERTICAL PANELS SHALL HAVE MONO-DIRECTIONAL OR BI-DIRECTIONAL STEADY BURNING LIGHTS AS PER CURRENT IDOT STANDARDS.
- WHERE ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
- EXACT LOCATION OF ALL WARNING SIGNS AND BARRICADES SHALL BE STAKED IN THE FIELD FOR APPROVAL BY THE ENGINEER PRIOR TO INSTALLATION.
- PRIOR TO START OF CONSTRUCTION ACTIVITIES, ALL REQUIRED TRAFFIC CONTROL DEVICES SHALL BE IN PLACE.
- COOPERATION BETWEEN CONTRACTORS SHALL BE REQUIRED. SEE CONTRACTOR COOPERATION SPECIAL PROVISION FOR DETAILS.
- A MINIMUM 11' LANE WIDTH SHALL BE MAINTAINED ON ALL INTERSTATE LANES OPEN TO TRAFFIC DURING CONSTRUCTION UNLESS OTHERWISE NOTED.
- OFFSETS BETWEEN THE EDGE OF TRAVEL LANE AND THE FACE OF TEMPORARY CONCRETE BARRIER ARE ASSUMED TO BE 1 FT UNLESS DESIGNATED OTHERWISE.
- THE CONTRACTOR SHALL VERIFY LOCATION OF ALL BUILDING ACCESS, COORDINATE WITH BUILDING OWNERS AND LOCAL AUTHORITIES AND PROVIDE FULL ACCESS TO BUSINESSES OR PROPERTIES DURING THEIR NORMAL WORKING HOURS IN ACCORDANCE WITH ADA AND APPLICABLE CODE REQUIREMENTS. TRAFFIC CONTROL AND PROTECTION SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 701 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

- THE CONTRACTOR SHALL MAINTAIN TRAFFIC ON ALL STREETS EXCEPT WHERE NOTED ON THE PLANS AND PROHIBIT PARKING WITHIN FIFTY (50) FEET OF THE CONSTRUCTION AREA AT ALL TIMES. NOTIFY CDOT AND OEMC AT LEAST 72 HOURS BEFORE COMMENCING CONSTRUCTION.
- PROVIDE CONTINUOUS TEMPORARY ACCESS TO ALL SIDE STREETS, ALLEYS, DRIVEWAYS, AND PARKING LOTS UNLESS SPECIFICALLY IDENTIFIED ON THE PLANS FOR TEMPORARY CLOSURE. LOTS WITH MORE THAN ONE DRIVEWAY MUST BE STAGED TO KEEP AT LEAST ONE DRIVEWAY OPEN AT ALL TIMES.
- MAINTAIN ACCESS TO FIRE HYDRANTS, BUILDING STANDPIPES AND OTHER EMERGENCY FACILITIES WITHIN THE CONSTRUCTION ZONE.
- THE CONTRACTOR SHALL COORDINATE WORK WITH PRIVATE UTILITY COMPANIES AND THEIR CONTRACTORS FOR ADJUSTMENTS, SUPPORTS, AND RELOCATION. UTILITY WORK WILL GENERALLY BE CONDUCTED PRIOR TO ROADWAY WORK, BUT CERTAIN ITEMS MAY NEED TO PROCEED IN CONCERT WITH CONSTRUCTION OPERATIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT AFFECTED UTILITIES AND COORDINATE WORK WITHIN THE CONSTRUCTION SCHEDULE. THE EFFORT OF WHICH WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- SIGN W21-1 AND W20-7 SHALL BE TAKEN DOWN OR COVERED WHEN THE WORKERS ARE NOT PRESENT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ACCESS RESTRICTIONS TO THE SITE AS MAY REQUIRED BY THE ENGINEER. IN AREAS WHERE SILT FENCE IS NOT INSTALLED, ORANGE CONSTRUCTION FENCING MAY BE REQUIRED TO RESTRICT ACCESS TO WORK ZONES. THE ENGINEER SHALL BE THE SOLE JUDGE OF THE NEED FOR ACCESS RESTRICTIONS AND THEIR CONFIGURATION. ORANGE CONSTRUCTION FENCING (IF NECESSARY) WILL NOT BE MEASURED SEPARATELY FOR PAYMENT, BUT SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).
- A 24" DEFLECTION AREA IS REQUIRED FROM THE BACK SIDE OF THE TEMPORARY BARRIER WALL TO ANY OBSTRUCTION OR DROP OFF IN THE WORK ZONE. IF THIS 24" DEFLECTION AREA CANNOT BE MAINTAINED, THE TEMPORARY CONCRETE BARRIER WALL SHALL BE ANCHORED TO THE PAVEMENT (EXCLUDING NEW BRIDGE DECKS) IN ACCORDANCE WITH THE IDOT SAFETY ENGINEERING POLICY MEMORANDUM 4-15. THIS WORK SHALL BE PAID FOR AS PINNING TEMPORARY CONCRETE BARRIER. THE COST OF ANCHORING TO EXISTING AND PROPOSED BRIDGE DECKS ARE INCLUDED IN THE COST OF TEMPORARY CONCRETE BARRIER. SEE STRUCTURAL PLANS FOR DETAILS OF TEMPORARY CONCRETE BARRIER ANCHOR DEVICES.
- PER IDOT SAFETY ENGINEERING POLICY MEMORANDUM 4-15, DROP-OFF DEPTH > 4 IN AND < 12 IN IS PERMITTED FOR LESS THAN 0.5 MILE LENGTH OF DROP OFF EXPOSURE IN WORK ZONE OR LESS THAN 48 HOUR CLOSURE TIME. LENGTH AND DURATION OF DROPOFF IN EXCESS OF THESE LIMITS SHALL REQUIRE TEMPORARY LONGITUDINAL CONCRETE BARRIER. ADJACENT WORK SPACES THAT ARE ESSENTIALLY CONTINUOUS IN DROP-OFF EXPOSURE SHOULD BE CONSIDERED AS ONE WORK ZONE.
- ALL UPSTREAM LEADING ENDS OF TEMPORARY CONCRETE BARRIER WALL SHALL BE FLARED AT A 12:1 TAPER RATE FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH AND 8:1 TAPER RATE FOR SPEEDS LESS THAN 45 MPH UNLESS OTHERWISE NOTED.

- THE CONTRACTOR SHALL BE REQUIRED TO REMOVE AND REPLACE ALL REFLECTORS FROM EXISTING RAISED REFLECTIVE PAVEMENT MARKERS WHICH CONFLICT WITH THE DESIGNATED TRAFFIC CONTROL PLANS. THIS WORK SHALL BE PAID FOR AS RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL.
- ALL TEMPORARY PAVEMENT MARKINGS SHOWING DETERIORATION AFTER 7 DAYS SHALL BE REPLACED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. ALL MARKINGS THAT REQUIRE REPLACEMENT SHALL BE REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE.
- ADDITIONAL ESTIMATED QUANTITIES FOR VARIOUS MAINTENANCE OF TRAFFIC ITEMS HAVE BEEN INCLUDED IN THE CONTRACT FOR THE PURPOSE OF SUPPLEMENTING MAINTENANCE OF TRAFFIC OPERATIONS AND FOR MAINTENANCE OF DETOUR ROUTES. THESE QUANTITIES ARE NOTED AS ALLOWANCES IN THE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN SCHEDULE. USE OF THESE ADDITIONAL QUANTITIES IS AT THE DISCRETION OF THE ENGINEER.
- THE FURNISHING, INSTALLING, AND RELOCATION OF ALL TRAFFIC SIGNS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL) FOR THOSE SIGNS ALONG LOCAL STREETS AND INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS) FOR THOSE SIGNS ALONG EXPRESSWAYS. ALL CONFLICTING TRAFFIC SIGNS SHALL BE COVERED AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST TRAFFIC CONTROL AND PROTECTION, (SPECIAL) FOR THOSE SIGNS ALONG LOCAL STREETS AND INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS) FOR THOSE SIGNS ALONG EXPRESSWAYS.
- THE CONTRACTOR SHALL ONLY SET UP AND STORE EQUIPMENT DURING CONSTRUCTION AT THE SUGGESTED STAGING AREAS AS SHOWN IN THE PLANS OR AS APPROVED BY THE ENGINEER. THE SUGGESTED STAGING AREAS SHOWN IN THE PLANS ARE SUBJECT TO FIELD MODIFICATION AS DETERMINED BY THE ENGINEER. THE SUGGESTED STAGING AREAS MAY BE SHARED WITH OTHER ADJACENT CONTRACTS WHICH MAY BE UNDER CONSTRUCTION DURING THE DURATION OF THIS PROJECT. CONTRACTOR COOPERATION IS REQUIRED. ADDITIONALLY, UTILITIES AND UTILITY CONTRACTORS MAY PERFORM ASBESTOS ABATEMENT ON CONTRACTOR REMOVED CONDUITS WITHIN A SECURE AREA PROVIDED WITHIN THE STAGING AREAS.
- ALL TRAFFIC CONTROL DEVICES SHALL BE REMOVED, COVERED OR TURNED AWAY FROM TRAFFIC AS SOON AS THEY ARE NO LONGER NECESSARY. WHEN A SIGN IS COVERED, ITS POST SHALL HAVE A REFLECTIVE 3 INCH X 6 INCH DELINEATOR INSTALLED.
- MANHOLES WITHIN THE PROJECT STAGING LIMITS SHALL BE WELDED DOWN PRIOR TO BEGINNING ANY WORK. THIS WORK SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
- AN ESTIMATED QUANTITY OF 250 TONS OF AGGREGATE FOR TEMPORARY ACCESS HAS BEEN INCLUDED IN THIS CONTRACT FOR THE PURPOSE OF MAINTAINING CONSTRUCTION POINTS OF ACCESS IN THE CIRCLE INTERCHANGE AREA AND FOR MAINTAINING ANY NECESSARY ACCESS TO PRIVATE PROPERTIES AND SIDE STREETS DURING THIS CONTRACT.
- THE CONTRACTOR SHALL NOTIFY PACE 14 DAYS PRIOR TO THE CLOSURE OF RAMP EN WHICH WILL DIRECTLY AFFECT THE BUS ROUTES THROUGH THE INTERCHANGE.

FILE PATH = p:\6179-P\INT\secomon\line\local\IACOM_D502_MH\Documents\01_Americas\Transportation\Station\60269938_Circle\Phase_11\006_CAD\006_Roadway\Sheets\6079_Contract\016079-SHT-Staging-Notes-01.dgn



D:\6079-SHT-Staging-Notes-01.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - DWH	REVISED -
PLOT SCALE = 2.0000' / 1" =	CHECKED - JMG	REVISED -
PLOT DATE = 7/27/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	100
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X79	