

F.A.U. RTE. 90/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 1
ILLINOIS			CONTRACT NO. 60X95	

FOR INDEX OF SHEETS SEE SHEET NO. 2 & 3

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROJECT LOCATED IN CITY OF CHICAGO

D-91-227-13

DESIGN DESIGNATIONS:

MONROE STREET SB I-90/94	12,000(2040) MINOR ARTERIAL	30 /30 MPH
NB I-90/94	87,000(2040) INTERSTATE	45 /60 MPH
SB C-D ROAD	116,000(2040) INTERSTATE	45 /60 MPH
NB C-D ROAD	40,000(2040) INTERSTATE	30 /30 MPH
MONROE STREET EXIT SB	17,000(2040) INTERSTATE	30 /30 MPH
ADAMS STREET EXIT SB	3,000(2040) INTERSTATE	30 /30 MPH
MADISON STREET EXIT SB	5,000(2040) INTERSTATE	30 /30 MPH
MADISON STREET EXIT NB	2,000(2040) INTERSTATE	30 /30 MPH
MADISON STREET ENTRANCE NB	6,000(2040) INTERSTATE	30 /30 MPH
MADISON STREET ENTRANCE SB	10,000(2040) INTERSTATE	30 /30 MPH
ADAMS STREET ENTRANCE NB	11,000(2040) INTERSTATE	30 /30 MPH
	5,000(2040) INTERSTATE	30 /30 MPH

POSTED /DESIGN SPEEDS:

30 /30 MPH
45 /60 MPH
45 /60 MPH
30 /30 MPH
30 /30 MPH
30 /30 MPH
30 /30 MPH
30 /30 MPH
30 /30 MPH
30 /30 MPH
30 /30 MPH

PROPOSED  
HIGHWAY PLANS

MONROE ST BRIDGE  
AT FAI ROUTE 90 /94 (I-90/94)  
SECTION 2014-016R&B  
PROJECT NHPP-000V(124)

BRIDGE REPLACEMENT,  
ROADWAY RECONSTRUCTION,  
RETAINING WALL, SIPHON LINING AND LIGHTING

COOK COUNTY  
C-91-275-14



LOCATION OF SECTION INDICATED THIS: -



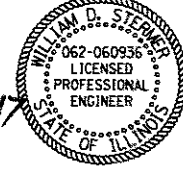
*Robert Thoma 7/11/17*  
ROBERT THOMA, P.E. DATE 11/30/2017  
LICENSE EXPIRES 11/30/2017  
SHEET RANGE 1-92, 110-130, 317-356, 361-370.



*Jamal Grainawi 7/11/17*  
JAMAL GRAINAWI, P.E., S.E. DATE 11/30/2018  
LICENSE EXPIRES 11/30/2018  
SHEET RANGE 153-299



*Amish T. Bhatt 7/11/17*  
AMISH T. BHATT, P.E., S.E. DATE 11/30/2018  
LICENSE EXPIRES 11/30/2018  
SHEET RANGE 300-316



*William D. Stermer 7/11/17*  
WILLIAM D. STERMER, P.E. DATE 11/30/2017  
LICENSE EXPIRES 11/30/2017  
SHEET RANGE 131-146



*Matthew J. Letourneau 7/11/17*  
MATTHEW J. LETOURNEAU DATE 11/30/2017  
LICENSE EXPIRES 11/30/2017  
SHEET RANGE 147-152, 357-360.



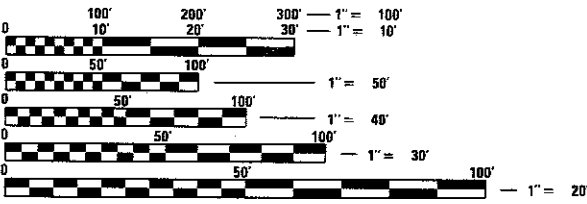
*Sheldon Hall 7/11/17*  
SHELDON D. HALL DATE 11/30/2017  
REGISTERED PROFESSIONAL ENGINEER  
LICENSE EXPIRES 11/30/2017  
SHEET RANGE 93, 371-378



*Jennifer M. Golemba 7/11/17*  
JENNIFER M. GOLEMBIA DATE 11/30/2017  
LICENSE EXPIRES 11/30/2017  
SHEET RANGE 93A-93F, 93AH, 350A



*Matthew D. Santeford 7/11/17*  
MATTHEW D. SANTEFORD DATE 11/30/2018  
LICENSE EXPIRES 11/30/2018  
SHEET 93G



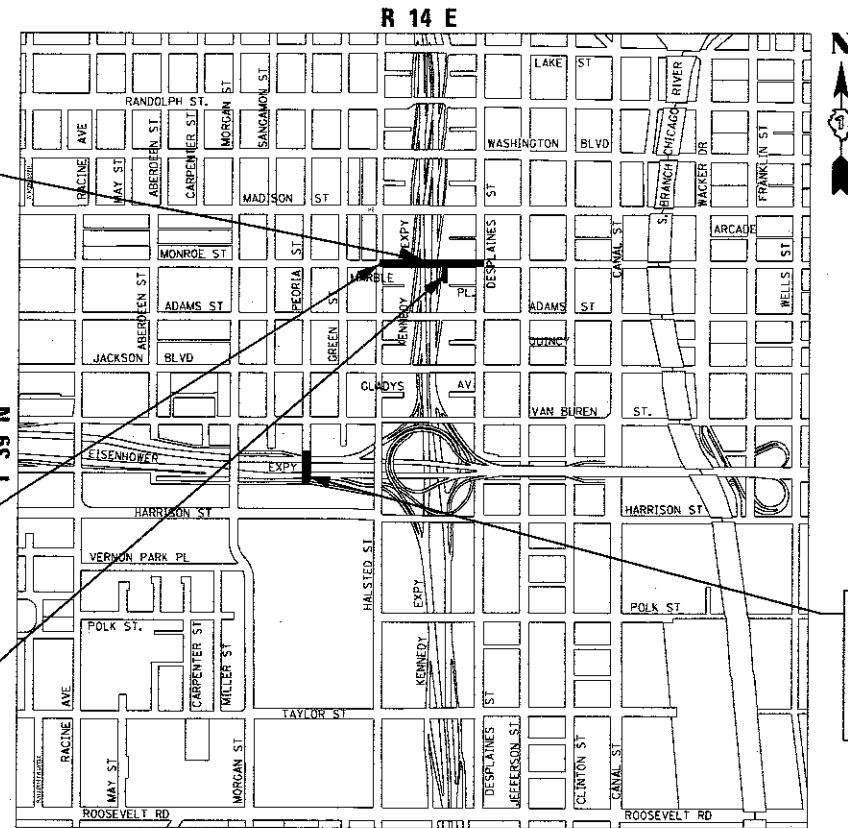
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

MONROE STREET BRIDGE:  
SN 016-1700  
STA 8411 + 98.30 TO  
STA 8415 + 16.38

MONROE STREET:  
STA 8409 + 80.00 TO  
STA 8417 + 05.00

RETAINING WALL 29:  
SN 016-2017  
STA. 6345 + 67.55 TO  
STA. 6347 + 16.62



LOCATION MAP  
NOT TO SCALE

GROSS LENGTH = 725.00 FT (0.137 MILES)  
NET LENGTH = 725.00 FT (0.137 MILES)

PROJECT MANAGER: BRIAN KUTTAB, P.E.

CONTRACT NO. 60X95

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

**AECOM** 303 EAST WACKER DRIVE, SUITE 1400  
CHICAGO, IL 60601-5276  
PHONE: (312) 373-7700  
FAX: (312) 373-6800

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED July 26 20 17

*Anthony J. Drigley* REGIONAL ENGINEER  
Oct 13 20 17  
*Mawson M. Addis* ENGINEER OF DESIGN AND ENVIRONMENT  
Oct 13 20 17  
*David* DIRECTOR OF PROGRAM DEVELOPMENT

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OF THE STATE OF ILLINOIS

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

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### 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
353001-04	PCC BASE COURSE WITH HMA BINDER AND SURFACE COURSES
420001-08	PAVEMENT JOINTS
420111-03	PCC PAVEMENT ROUNDOUTS
420406	PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB
515001-03	NAME PLATE FOR BRIDGES
602001-02	CATCH BASIN TYPE A
602601-04	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604001-04	FRAME AND LIDS TYPE 1
606001-06	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606201-03	TYPE B GUTTER (INLET, OUTLET, ENTRANCE)
630001-11	STEEL PLATE BEAM GUARDRAIL
637006-03	CONCRETE BARRIER, DOUBLE FACE 42 IN HEIGHT
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5M) AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5M) AWAY TO 24" (600MM) FROM PAVEMENT EDGE
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5M) TO 24" (600 MM) FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5M) AWAY
701400-09	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-10	LANE CLOSURE, FREEWAY/EXPRESSWAY
701402-12	LANE CLOSURE, FREEWAY/EXPRESSWAY WITH BARRIER
701411-09	LANE CLOSURE, MULTILANE AT ENTRANCE OR EXIT RAMP, FOR SPEEDS ≥ 45 MPH
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≤ 40 MPH
701428-01	TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY/EXPRESSWAY
701446-08	TWO LANE CLOSURE, FREEWAY/EXPRESSWAY
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
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781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
814001-03	HANDHOLES

DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
IN CHARGE	
NO.	

DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
IN CHARGE	
NO.	

FILE NAME: I:\160988\Civil\60998 Monroe Street\Plotting\Print Export\016R&B-std-gennote-01.dgn

**PARSONS  
BRINCKERHOFF**

USER NAME = donahuekl	DESIGNED - MMA	REVISED -
	DRAWN - MMA	REVISED -
PLOT SCALE = 1"=50'	CHECKED - RT	REVISED -
PLOT DATE = 8/28/2017	DATE - 09/01/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

INDEX OF DRAWINGS & HIGHWAY STANDARDS

SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAL 90/94	2014-016R&B	COOK	378	2
				CONTRACT NO. 60X95
ILLINOIS FED. AID PROJECT				





**GENERAL NOTES**

- 1. SEVENTY-TWO (72) HOURS BEFORE STARTING EXCAVATION, THE CONTRACTOR SHALL CALL DIGGER (CHICAGO UTILITY ALERT NETWORK) AT (312) 744-7000 TO HAVE THE LOCATION OF EXISTING UNDERGROUND UTILITIES MARKED IN THE FIELD.
- 2. A MINIMUM OF SEVENTY-TWO (72) HOURS PRIOR TO ANY PLACEMENT OR RELOCATION OF MAINTENANCE OF TRAFFIC DEVICES, CONTACT ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT) DISTRICT 1 BUREAU OF TRAFFIC AT (847) 705-4151.
- 3. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS TO PERFORM WORK.
- 4. TEN FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED ITEMS OF WORK TO EXISTING ITEMS IN THE FIELD UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEM OF WORK SPECIFIED.
- 5. ALL ELEVATIONS IN THE PLANS ARE BASED UPON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88), UNLESS OTHERWISE NOTED.
- 6. THE CONVERSION OF THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 1988) TO THE CHICAGO DATUM IS APPROXIMATELY 579.19 FEET.
- 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. THE IDOT HIGHWAY STANDARDS LATEST REVISION NUMBERS SHALL APPLY TO THIS PROJECT.
- 9. CONFLICTS MAY OCCUR BETWEEN THE ROADWAY PLANS AND RIGHT-OF-WAY PLANS. THE RIGHT-OF-WAY PLANS SHALL TAKE PRECEDENCE IN CONFLICTS IN RIGHT-OF-WAY OR EASEMENTS. THE ROADWAY PLANS SHALL TAKE PRECEDENCE IN ITEMS FOR CONSTRUCTION.
- 10. EXCEPT WHERE DESIGNATED OTHERWISE, THE LOCATIONS AND/OR DEPTHS OF UNDERGROUND UTILITIES SHOWN HAVE BEEN TAKEN FROM OFFICE RECORD INFORMATION FURNISHED BY THE UTILITY OWNERS AND THE SUE SURVEYS. ALL UNDERGROUND UTILITIES MUST BE CONSIDERED APPROXIMATE.
- 11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN IN THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER. THIS WORK WILL BE AT THE CONTRACTOR'S EXPENSE.
- 12. THE CONTRACTOR SHALL COORDINATE WORK WITH UTILITIES IN ADVANCE OF WORKING IN THE VICINITY OF THEIR FACILITIES, AND ALLOW SUFFICIENT TIME FOR THEM TO PERFORM ADJUSTMENTS TO THEIR FACILITIES IN ACCORDANCE WITH THE CONTRACTOR'S SCHEDULE. COORDINATION EFFORTS SHALL BE INCLUDED IN THE COST OF THE CONTRACT BID PRICE.
- 13. THE CONTRACTOR MUST CALL THE IDOT ELECTRICAL MAINTENANCE CONTRACTOR TO LOCATE IDOT FACILITY CABLES.
- 14. AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED 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 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THE QUANTITY SHALL BE DEDUCTED AND NO EXTRA COMPENSATION WILL BE DUE TO THE CONTRACTOR.
- 15. ALL ROADWAY WIDTHS AND RADII SHOWN ON THE PLANS ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- 16. 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. PRECAST "TEE" AND "ELBOW" PIPE CONNECTIONS FOR PROPOSED STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST FOR THE STORM SEWERS.
  - b. COMBINED SEWER, (WATER MAIN REQUIREMENTS) SHALL BE USED AT LOCATIONS WHERE LATERAL SEPARATION BETWEEN THE SEWER AND WATER MAIN IS LESS THAN 10 FT AND THE VERTICAL SEPARATION IS LESS THAN 1.5 FT. DUCTILE IRON PIPE WITH RUBBER GASKET JOINTS SHALL BE USED FOR ALL COMBINED SEWER, (WATER MAIN REQUIREMENTS).
  - c. TOP OF FRAME OR LID ELEVATIONS FOR STRUCTURES WHICH ARE LOCATED ADJACENT TO CURB AND GUTTER OR CURB ARE GIVEN AT THE EDGE OF PAVEMENT. OFFSETS AND TOP OF FRAME OR LID ELEVATIONS FOR STRUCTURES NOT LOCATED IN THE GUTTER ARE GIVEN TO THE CENTER OF THE GRATE OR LID. STRUCTURES ADJACENT TO CURB SHALL BE TURNED SO THAT THE FRAME IS CLOSEST TO THE CENTER LINE OF THE ROAD UNLESS OTHERWISE NOTED ON THE PLANS.
  - d. DRAINAGE GRADES SHALL BE VERIFIED IN FIELD PRIOR TO INSTALLATION OF DRAINAGE ITEMS.
  - e. CARE SHALL BE TAKEN BY THE CONTRACTOR TO NOT DAMAGE THE EXISTING DRAINAGE SYSTEMS. ANY DAMAGE CAUSED BY THE CONTRACTOR TO THE EXISTING DRAINAGE SYSTEMS SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE AND TO THE SATISFACTION OF THE ENGINEER. NO ADDITIONAL COMPENSATION SHALL BE PROVIDED.
  - f. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE ON THE JOB SITE DURING CONSTRUCTION.
- 17. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- 18. 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.
- 19. WHEN THE PAVEMENT CONSTRUCTED IS PORTLAND CEMENT CONCRETE BASE COURSE OR PORTLAND CEMENT CONCRETE PAVEMENT, IT SHALL NOT BE OPENED TO TRAFFIC, INCLUDING CONSTRUCTION TRAFFIC, UNTIL AFTER THE SPECIFIED CURING PERIOD AS DEFINED IN ARTICLE 701.17(c) OF THE STANDARD SPECIFICATIONS AND UNTIL THE JOINTS HAVE BEEN SEALED.
- 20. PROTECTIVE COAT SHALL BE APPLIED IN ACCORDANCE WITH ARTICLE 420.18 OF THE STANDARD SPECIFICATIONS TO CONCRETE MEDIAN SURFACES AND BARRIER AND ALL EXPOSED SURFACES OF CURBS AND GUTTERS.
- 21. THE ENTIRE AREA WHICH IS TO RECEIVE 'BITUMINOUS MATERIALS (TACK COAT)' SHALL BE SWEEPED CLEAN BEFORE THE MATERIAL APPLICATION. SWEEPINGS SHALL NOT BE DEPOSITED IN THE GUTTER OR ON THE CURB, PARKWAY, OR SIDEWALK, BUT SHALL BE PICKED UP AND DISPOSED OF PROPERLY BEYOND THE LIMITS OF THE PROJECT ON THE SAME DAY THAT SWEEPING IS DONE. THIS WORK SHALL BE INCLUDED IN THE COST OF BITUMINOUS MATERIALS (TACK COAT) AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
- 22. ALL REINFORCEMENT BARS, DOWEL BARS, AND TIE BARS SHALL BE EPOXY COATED UNLESS OTHERWISE NOTED IN THE PLANS.
- 23. IF ANY UNUSUAL MATERIALS ARE UNCOVERED OR THERE ARE SUSPICIONS OF EXISTING UNDERGROUND STORAGE TANKS, THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK (LUST) CLEANUPS OR THAT IS PREQUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.
- 24. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING EXISTING PLANT MATERIAL AS SHOWN ON THE PLANS.
- 25. 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 MONROE STREET AREA AND FOR MAINTAINING ANY NECESSARY ACCESS TO PRIVATE PROPERTIES AND SIDE STREETS DURING THIS CONTRACT.
- 26. WHERE SECTION, SUBSECTION, SUBDIVISION OR PROPERTY MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- 27. FOR STORM SEWER CONSTRUCTED UNDER THE ROADWAY, BACKFILLING METHODS TWO AND THREE AUTHORIZED UNDER THE PROVISIONS OF ARTICLE 550.07 OF THE STANDARD SPECIFICATIONS WILL NOT BE ALLOWED.
- 28. ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY ACCORDING TO ART. 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
- 29. A QUANTITY OF 100 FEET OF EXPLORATION TRENCH 52" DEPTH HAS BEEN INCLUDED IN THE PLANS FOR THE PURPOSE OF IDENTIFYING ANY BURIED OBSTACLE. THE ENGINEER SHALL APPROVE THE LOCATIONS OF EXPLORATION TRENCH 52" DEPTH BEFORE ANY EXCAVATION MAY BEGIN.
- 30. SAW CUT (FULL DEPTH) SHALL BE REQUIRED AT THE JOINT BETWEEN PAVEMENT, SIDEWALK, CURB, CURB AND GUTTER, MEDIAN, DRIVEWAY PAVEMENT, HOT-MIX ASPHALT SURFACES TO BE REMOVED AND THAT LEFT IN PLACE OR AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEMS.
- 31. 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 11.5.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.
- 32. THE DEPARTMENT WILL REQUIRE A MINIMUM OF THREE (3) WEEKS TO REVIEW ANY SUBMITTALS REQUIRING THE DEPARTMENT'S APPROVAL. NO ADDITIONAL COMPENSATION AND NO EXTENSION OF CALENDAR DAYS WILL BE MADE DUE TO THE DEPARTMENT REQUIRING MORE TIME TO REVIEW SUBMITTALS.
- 33. THE CONTRACTOR SHALL ENSURE THAT NO CONSTRUCTION ACTIVITY OCCURS BEYOND THE TEMPORARY CHAIN LINK FENCE AND/OR LIMITS OF CONSTRUCTION ALONG MONROE STREET.
- 34. COOPERATION BETWEEN CONTRACTORS SHALL BE IN ACCORDANCE WITH THE SPECIAL PROVISIONS.
- 35. THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT THE PRESERVATION OF EXISTING TREES IS OF UTMOST IMPORTANCE TO THE CITY OF CHICAGO. ALL TREE PROTECTION, TREE REMOVAL, PRUNING AND ROOT PRUNING SHALL BE COMPLETED BEFORE CONSTRUCTION OPERATIONS COMMENCE IN ANY AREA. AT NO TIME SHALL THE CONTRACTOR PRUNE OR REMOVE ANY TREES UNLESS SPECIFICALLY DIRECTED BY THE ROADSIDE DEVELOPMENT UNIT.
- 36. THE CONTRACTOR SHALL TAKE EXTRA CARE IN GRADING AND EXCAVATING NEAR TREES WHICH ARE NOT MARKED FOR REMOVAL SO AS NOT TO CAUSE INJURY TO THE ROOT SYSTEM OR TRUNKS. ANY DAMAGE TO EXISTING TREES BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE.
- 37. TREE ROOT PRUNING IS TO BE USED ON EXISTING TREES/SHRUBS WHEN NECESSARY TO CUT MAJOR TREE/SHRUB ROOTS TO PREVENT THE RIPPING UP OF ROOTS WHEN TRENCHING OR EXCAVATION IS WITHIN THE ROOT ZONE OF ADJACENT TREES TO REMAIN. SUPPLEMENTAL WATERING IS SPECIFIED FOR TREES AND SHRUBS THAT WILL BE DISTURBED BY CONSTRUCTION BUT WILL REMAIN. SUPPLEMENTAL WATERING OF TREES/SHRUBS SHALL BEGIN IMMEDIATELY AFTER ROOT PRUNING OF THE TREES HAS OCCURRED.
- 38. THE CONTRACTOR SHALL ERECT A TEMPORARY FENCE AROUND ALL TREES WITHIN THE CONSTRUCTION AREA TO ESTABLISH A "TREE PROTECTION ZONE" BEFORE ANY WORK BEGINS OR MATERIAL IS DELIVERED TO THE JOB SITE. NO WORK IS TO BE PERFORMED (OTHER THAN ROOT PRUNING), MATERIALS STORED OR VEHICLES DRIVEN OR PARKED WITHIN THE "TREE PROTECTION ZONE". REMOVE PROTECTIVE TEMPORARY FENCE ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.
- 39. THE CONTRACTOR SHALL SCHEDULE A WALK THROUGH WITH THE ROADSIDE DEVELOPMENT UNIT A MINIMUM OF ONE WEEK PRIOR TO THE START OF CONSTRUCTION TO MARK TREES FOR PROTECTION AND EXACT LOCATION FOR PLACEMENT OF TEMPORARY FENCE.
- 40. THE CONTRACTOR WILL BE RESPONSIBLE FOR TAKING MEASURES TO PROTECT ALL EXISTING TREES WITHIN THE SIDEWALKS ON MONROE STREET. REFER TO THE ABOVE NOTES AND THE SPECIAL PROVISION "PROTECTION OF EXISTING TREES" FOR DETAILS AND REQUIREMENTS.
- 41. CONTRACT 60X95 WILL PROVIDE THE ENGINEER'S FIELD OFFICE TYPE A (SPECIAL) TO BE SHARED WITH CONTRACT 62A75.

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FILE NAME : T:\168988\1\60X95 Monroe Street\Plotting\Print\_Escape\10168988-168988-03.dwg

<b>PARSONS</b> <b>BRINCKERHOFF</b>	USER NAME = Dughman	DESIGNED - MMA	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1"=50'	CHECKED - RT	REVISED -		FAI 90/94	2014-016R&B	COOK	378	4			
PLOT DATE = 7/12/2017	DATE - 07/14/2017	REVISED -			SCALE:	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.	CONTRACT NO. 60X95			
					ILLINOIS FED. AID PROJECT							

**GENERAL NOTES (CONTINUED)**

42. CHICAGO TRANSIT AUTHORITY (CTA) REPRESENTATIVE WILL BE MR. ABDIN CARRILLO, MANAGER, PROJECT CONSTRUCTION OVERSIGHT. CONTRACTOR SHALL NOTIFY CTA REPRESENTATIVE AT 312-681-3913 AT LEAST 72 HOURS IN ADVANCE OF THE TIME HE INTENDS TO ENTER UPON THE CTA RIGHT-OF-WAY FOR THE PERFORMANCE OF ANY WORK.
43. WORK AREA IS IN CLOSE PROXIMITY TO RECENT IMPROVEMENTS. THE CONTRACTOR SHALL PROTECT THESE IMPROVEMENTS INCLUDING BUT NOT LIMITED TO THE PLAZA WALKWAY AREA, RETAINING WALL, UNDERGROUND SPRINKLER SYSTEM AND PLANTINGS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
44. ALL EXCAVATED MATERIAL SHALL BE USED AS BACKFILL. NO EXCAVATED MATERIAL SHALL LEAVE THE SITE.
45. THE RESIDENT ENGINEER WILL CONTACT THE ROADSIDE DEVELOPMENT UNIT AT (847) 705-4171 TO APPROVE THE LAYOUT OF ALL TREES, SHRUBS, AND PERENNIALS PRIOR TO THEIR INSTALLATION. ALLOW A MINIMUM NOTICE OF 7 DAYS PRIOR TO INSTALLATION FOR APPROVAL.
46. THE CONTRACTOR SHALL ENSURE THAT NO CONSTRUCTION ACTIVITY, STORING, OR PARKING OF EQUIPMENT OR VEHICLES OCCURS BEYOND THE PERIMETER EROSION CONTROL BARRIER AND/OR PEORIA STREET SIPHON LINING LIMITS OF CONSTRUCTION. THE CONTRACTOR SHALL MAINTAIN ACCESS TO THE CTA STATION AND DRIVEWAY ACCESS TO ABUTTING PROPERTIES AT ALL TIMES. THE CONTRACTOR SHALL ACCESS THE WORK ZONE AS SHOWN ON THE PLANS AND NOT PARK VEHICLES ON, OR OBSTRUCT ACCESS TO ABUTTING PROPERTIES.

13. THERE ARE NUMEROUS MANHOLES, CATCH BASINS, AND INLETS, 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.
14. A PERMIT FROM THE DEPARTMENT OF WATER MANAGEMENT SHOULD BE OBTAINED IN ADVANCE FOR ANY UNDERGROUND SEWER WORK 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.
15. 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.
16. 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  
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 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. 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 REGARDLESS OF SHAPE WHEN THE ROAD IS OPEN TO TRAFFIC PRIOR TO PLACEMENT OF BINDER AND/OR SURFACE COURSE. THE RAMPS MUST BE CONSTRUCTED IN ACCORDANCE WITH THE TEMPORARY HMA RAMP DETAILS AND REMOVED PRIOR TO PLACEMENT OF BINDER AND/OR SURFACE COURSE. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE 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. AS-BUILT PLANS MUST BE SUBMITTED RIGHT AFTER WORK COMPLETION. FINAL PAYMENT SHALL NOT BE MADE TO THE CONTRACTOR UNTIL THE DEPARTMENT OF WATER MANAGEMENT ACKNOWLEDGES RECEIPT OF AS-BUILT PLANS.
10. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE DEPARTMENT OF TRANSPORTATION OF ANY DAMAGE TO CITY OWNED AND MAINTAINED TRAFFIC SIGNS, SIGNALS, GUARDRAILS, FENCES, ETC.
11. 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.
12. 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.

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

- A-2-3A TYPICAL JOINT LAYOUT FOR P.C. CONCRETE PAVEMENTS
- A-2-3C P.C.C BASE COURSE JOINT DETAILS
- A-2-6 CONCRETE CURB AND GUTTER DETAIL
- A-2-9 PORTLAND CEMENT CONCRETE ALLEY
- 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 COURSES
- A-3-2 DETAILS OF PORTLAND CEMENT CONCRETE CONSTRUCTION
- A-5-2 TREE PIT DETAIL
- A-5-2A TREE PIT DETAIL
- A-5-3 TRENCH GUIDELINES FOR INSTALLATION OF UNDERGROUND UTILITIES ADJACENT TO TREES
- A-7-1A CROSSWALK MARKING DETAIL
- A-7-1B CROSSWALK MARKING DETAIL

**CITY OF CHICAGO DIVISION OF TRANSPORTATION ADA STANDARDS**

- B-2-1 ALLEY RETURN PLAN VIEW
- B-2-2 ALLEY RETURN SECTIONS
- B-2-3 DRIVEWAY CONSTRUCTION PLAN VIEWS
- B-2-4 DRIVEWAY CONSTRUCTION SECTIONS
- B-3-2 GENERAL NOTES
- B-3-3 GENERAL NOTES (CONTINUED)
- B-3-4 ADA COMPLIANCE AND TRANSITION GUIDELINES
- B-4-3 CURB & GUTTER DETAILS

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

- A.1 VITRIFIED CLAY PIPE DRAIN CONNECTIONS
- A.3 MANHOLES LIDS AND FRAMES
- A.5 TYPE "A" MANHOLE PRECAST BASES AND RINGS
- A.9 TYPE "B" MANHOLE
- A.15 DRAINAGE STRUCTURE DETAILS
- A.17 LADDER RUNGS

NOTE:  
FOLLOW CDOT STANDARDS FOR MONROE STREET.  
FOLLOW IDOT STANDARDS FOR I-90 / 94

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**PARSONS  
BRINCKERHOFF**

USER NAME = Kucharski	DESIGNED - MMA	REVISED -
	DRAWN - MMA	REVISED -
PLOT SCALE = 1"=50'	CHECKED - RT	REVISED -
PLOT DATE = 7/13/2017	DATE - 07/14/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CITY OF CHICAGO  
GENERAL NOTES AND COMMITMENTS

SCALE: SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 90/94	2014-016R&B	COOK	378	5
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	

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PROF FILE	SURVEYED	DATE
NOTE BOOK	ALIGNED	
NO.	RT. OF WAY CHECKED	
	STRUCTURE NOTATIONS GRID	

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CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				90% FED 10% STATE ROADWAY	90% FED 10% STATE UTILITIES	90% FED 10% STATE BRIDGE	90% FED 10% STATE RETAINING WALL	90% FED 10% STATE HIGHWAY LIGHTING	90% FED 10% STATE ROADWAY LIGHTING	
				0004 URBAN	0043 URBAN	0010 016-1700	0044 016-2017	0021 URBAN	0021 URBAN	
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	53	35	18					
20100210	TREE REMOVAL (OVER 15 UNITS IN DIAMETER)	UNIT	68	68						
20101000	TEMPORARY FENCE	FOOT	540	220	320					
20101100	TREE TRUNK PROTECTION	EACH	10	10						
20101200	TREE ROOT PRUNING	EACH	21	11	10					
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	19	11	8					
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	2		2					
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	113		113					
21101800	COMPOST FURNISH AND PLACE, 1"	SY YD	228		228					
20101700	SUPPLEMENTAL WATERING	UNIT	5	5						
20200100	EARTH EXCAVATION	CU YD	976	976						
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	172	172						
20800150	TRENCH BACKFILL	CU YD	124	124						
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	4840	4840						
21301052	EXPLORATION TRENCH 52" DEPTH	FOOT	100	100						
* 25000210	SEEDING, CLASS 2A	ACRE	1	1						
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	99	90	9					
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	99	90	9					
25100115	MULCH METHOD 2	ACRE	1	1						
* 25100630	EROSION CONTROL BLANKET	SQ YD	4840	4840						
25200110	SODDING, SALT TOLERANT	SQ YD	688		688					

\* DENOTES SPECIALTY ITEM  
 □ DENOTES NON-PARTICIPATING ITEM

**PARSONS BRINCKERHOFF**

USER NAME = Kucharski	DESIGNED - MMA	REVISED -
PLOT SCALE = NO SCALE	DRAWN - MMA	REVISED -
PLOT DATE = 7/13/2017	CHECKED - RT	REVISED -
	DATE - 07/14/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 1 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 90/94	2014-016R&B	COOK	378	6
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	

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FILE NAME = T:\UGR988\Civil\68095 Morrow Street\Plotting\Print Export\AD68095-nt-500.dgn

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				90% FED 10% STATE ROADWAY	90% FED 10% STATE UTILITIES	90% FED 10% STATE BRIDGE	90% FED 10% STATE RETAINING WALL	90% FED 10% STATE HIGHWAY LIGHTING	90% FED 10% STATE ROADWAY LIGHTING	
				0004 URBAN	0043 URBAN	001b 016-1700	0044 016-2017	0021 URBAN	0021 URBAN	
25200200	SUPPLEMENTAL WATERING	UNIT	5		5					
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	118	100	18					
28000400	PERIMETER EROSION BARRIER	FOOT	1449	970	479					
28000510	INLET FILTERS	EACH	39	38	1					
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	30	30						
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SO YD	229	229						
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SO YD	1550	1550						
31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SO YD	1823	1823						
31101600	SUBBASE GRANULAR MATERIAL, TYPE B 8"	SO YD	116	116						
35300500	PORTLAND CEMENT CONCRETE BASE COURSE 10"	SO YD	1576	1576						
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	250	250						
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	1481	1481						
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	132	132						
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	154	154						
42000070	PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB	SO YD	93	93						
42000301	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	SO YD	97	97						
42000501	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SO YD	188	188						
42001300	PROTECTIVE COAT	SO YD	1163	1163						
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SO YD	158	158						
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	4660	4660						
44000100	PAVEMENT REMOVAL	SO YD	2194	2194						

\* DENOTES SPECIALTY ITEM  
 DENOTES NON-PARTICIPATING ITEM

**PARSONS BRINCKERHOFF**

USER NAME = Kucharski	DESIGNED - MMA	REVISED -
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PLLOT SCALE = NO SCALE	DATE - 07/14/2017	REVISED -
PLLOT DATE = 7/13/2017		

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**SUMMARY OF QUANTITIES**

SCALE: SHEET NO. 2 OF 14 SHEETS STA. TO STA.

F.A.I. RTE. 90/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 7
CONTRACT NO. 60X95				
[ILLINOIS] FED. AID PROJECT				

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CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				90% FED 10% STATE ROADWAY	90% FED 10% STATE UTILITIES	90% FED 10% STATE BRIDGE	90% FED 10% STATE RETAINING WALL	90% FED 10% STATE HIGHWAY LIGHTING	90% FED 10% STATE ROADWAY LIGHTING	
				0004 URBAN	0043 URBAN	0010 016-1700	0011 016-2017	0021 URBAN	0021 URBAN	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	145	145						
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	864	864						
44000600	SIDEWALK REMOVAL	SQ FT	4418	4418						
44001980	CONCRETE BARRIER REMOVAL	FOOT	363	363						
44004250	PAVED SHOULDER REMOVAL	SQ YD	316	316						
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	610	610						
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1			1				
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1				1			
50102400	CONCRETE REMOVAL	CU YD	2.4		2.4					
50104650	SLOPE WALL REMOVAL	SQ YD	161			161				
50157300	PROTECTIVE SHIELD	SQ YD	2714			2714				
50200100	STRUCTURE EXCAVATION	CU YD	1780.1			1457	323.1			
50300225	CONCRETE STRUCTURES	CU YD	810.7		2.1	706	102.6			
50300254	RUBBED FINISH	SQ FT	10760			10760				
50300255	CONCRETE SUPERSTRUCTURE	CU YD	989.2			956	33.2			
50300260	BRIDGE DECK GROOVING	SQ YD	1814			1814				
50300285	FORM LINER TEXTURED SURFACE	SQ FT	836			836				
50300300	PROTECTIVE COAT	SQ YD	3327			3173	154			
50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	197			197				
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	LSUM	1			1				
50500505	STUD SHEAR CONNECTORS	EACH	8739			8452	287			

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\* DENOTES SPECIALTY ITEM  
 DENOTES NON-PARTICIPATING ITEM

**PARSONS BRINCKERHOFF**

USER NAME = Kucharaki	DESIGNED - MMA	REVISED -
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES	
SCALE:	SHEET NO. 3 OF 14 SHEETS STA. TO STA.

F.A.I. RTE. 50/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 8
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	



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FILE NAME = T:\108988\Civil\88195 Horroa Street\Plotting\Print Report\0168R95-Int-S02.dgn

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				90% FED 10% STATE ROADWAY	90% FED 10% STATE UTILITIES	90% FED 10% STATE BRIDGE	90% FED 10% STATE RETAINING WALL	90% FED 10% STATE HIGHWAY LIGHTING	90% FED 10% STATE ROADWAY LIGHTING	
				0004 URBAN	0043 URBAN	0010 016-1700	0044 016-2017	0021 URBAN	0021 URBAN	
50800105	REINFORCEMENT BARS	POUND	350760		970	349790				
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	448830			434230	14600			
50800515	BAR SPLICERS	EACH	140			140				
50800530	MECHANICAL SPLICERS	EACH	16		16					
51500100	NAME PLATES	EACH	2			1	1			
51602000	PERMANENT CASING	FOOT	3832			2006	1826			
* 51603000	DRILLED SHAFT IN SOIL	CU YD	1835			1835				
* 51604000	DRILLED SHAFT IN ROCK	CU YD	42.5			42.5				
52000110	PREFORMED JOINT STRIP SEAL	FOOT	138			138				
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	36			36				
52100505	ANCHOR BOLTS, 5/8"	EACH	36			36				
52100520	ANCHOR BOLTS, 1"	EACH	54			54				
52200020	TEMPORARY SOIL RETENTION SYSTEM	SO FT	1660		135	1525				
52200105	FURNISHING SOLDIER PILES (W SECTION)	FOOT	2097			271	1826			
52200200	DRILLING AND SETTING SOLDIER PILES (IN SOIL)	CU FT	31285			583	30702			
52200250	UNTREATED TIMBER LAGGING	SO FT	32				32			
52200265	SECANT LAGGING	CU FT	5611				5611			
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	47	47						
55100400	STORM SEWER REMOVAL 10"	FOOT	18	18						
58700300	CONCRETE SEALER	SO FT	14131			12393	1738			
59100100	GEOCOMPOSITE WALL DRAIN	SO YD	555			388	167			

\* DENOTES SPECIALTY ITEM  
 □ DENOTES NON-PARTICIPATING ITEM

**PARSONS BRINCKERHOFF**

USER NAME = Kucharski	DESIGNED - MMA	REVISED -
	DRAWN - MMA	REVISED -
PLOT SCALE = NO SCALE	CHECKED - RT	REVISED -
PLOT DATE = 7/13/2017	DATE - 07/14/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 4 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2014-016R&B	COOK	378	9
CONTRACT NO. 60X95				
ILLINOIS FED. AID PROJECT				

PLAN	DATE
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FILE NAME = T:\169988\Civil\68R95 Horco Street\Plotting\Print Export\0168R95-ht-500.dgn

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				90% FED 10% STATE ROADWAY	90% FED 10% STATE UTILITIES	90% FED 10% STATE BRIDGE	90% FED 10% STATE RETAINING WALL	90% FED 10% STATE HIGHWAY LIGHTING	90% FED 10% STATE ROADWAY LIGHTING	
				0004 URBAN	0043 URBAN	0010 016-1700	0044 016-2017	0021 URBAN	0021 URBAN	
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	68	68						
60200205	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1						
60255500	MANHOLES TO BE ADJUSTED	EACH	2	2						
60258200	MANHOLES TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1		1					
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	10	10						
60500040	REMOVING MANHOLES	EACH	2	2						
60500050	REMOVING CATCH BASINS	EACH	5	5						
60600605	CONCRETE CURB, TYPE B	FOOT	55	55						
60602800	CONCRETE GUTTER, TYPE B	FOOT	170	170						
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	146	146						
60610400	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24	FOOT	183	183						
63200310	GUARDRAIL REMOVAL	FOOT	150	150						
64300260	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	1	1						
64300370	IMPACT ATTENUATORS (FULLY REDIRECTIVE, WIDE), TEST LEVEL 3	EACH	2	2						
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	2790	2605	185					
* 66900450	SPECIAL WASTE PLANS AND REPORTS	LSUM	1	1						
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	7	6	1					
* 67100100	MOBILIZATION	LSUM	1	1						
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	1516	1516						

\* DENOTES SPECIALTY ITEM  
 DENOTES NON-PARTICIPATING ITEM



USER NAME = Kucherski	DESIGNED - MMA	REVISED -
PLOT SCALE = NO SCALE	DRAWN - MMA	REVISED -
PLOT DATE = 7/13/2017	CHECKED - RT	REVISED -
	DATE - 07/14/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE:	SHEET NO. 5 OF 14 SHEETS	STA.	TO STA.

F.A.I. RTE. 90/294	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 10
CONTRACT NO. 60X95				
ILLINOIS FED. AID PROJECT				

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STRUCTURE NOTATION	

FILE NAME : T:\169888\Civil\169888\Horeca Street\Printing\Print Export\169888-wit-500.dgn

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				90% FED 10% STATE ROADWAY	90% FED 10% STATE UTILITIES	90% FED 10% STATE BRIDGE	90% FED 10% STATE RETAINING WALL	90% FED 10% STATE HIGHWAY LIGHTING	90% FED 10% STATE ROADWAY LIGHTING	
				0004 URBAN	0043 URBAN	0010 016-1700	0044 016-2017	0021 URBAN	0021 URBAN	
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	1925		1925					
70400100	TEMPORARY CONCRETE BARRIER	FOOT	3250	2875	375					
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	800	800						
70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	5	4	1					
70600330	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 3	EACH	2	2						
* 72000100	SIGN PANEL - TYPE 1	SQ FT	45	45						
* 72000200	SIGN PANEL - TYPE 2	SQ FT	32	32						
* 72100100	SIGN PANEL OVERLAY	SQ FT	21	9	12					
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	4	4						
* 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	25	25						
* 72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	32	32						
* 72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	36	36						
* 73304000	OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	FOOT	97	97						
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	321	321						
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	3719	3719						
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	67	67						
* 78005120	EPOXY PAVEMENT MARKING - LINE 5"	FOOT	482		482					
* 78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	177	177						
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	1316	1316						
* 78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	200	200						
* 78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	54	54						

\* DENOTES SPECIALTY ITEM  
 □ DENOTES NON-PARTICIPATING ITEM

**PARSONS BRINCKERHOFF**

USER NAME = Kucharski	DESIGNED - MMA	REVISED -
PLOT SCALE = NO SCALE	DRAWN - MMA	REVISED -
PLOT DATE = 7/13/2017	CHECKED - RT	REVISED -
	DATE - 07/14/2017	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 6 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FA 90/94	2014-016R&B	COOK	378	11
CONTRACT NO. 60X95				
ILLINOIS FED. AID PROJECT				

PLAN	DATE
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FILE NAME = T:\GIS\BBS\CV\60X95\Harris SmartPaving\Print Export\018695-int-500.dgn

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				90% FED 10% STATE ROADWAY	90% FED 10% STATE UTILITIES	90% FED 10% STATE BRIDGE	90% FED 10% STATE RETAINING WALL	90% FED 10% STATE HIGHWAY LIGHTING	90% FED 10% STATE ROADWAY LIGHTING	
				0004 URBAN	0043 URBAN	0016 016-1700	0044 016-2017	0021 URBAN	0021 URBAN	
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	50 FT	182	182						
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	4903	4903						
* 78009005	MODIFIED URETHANE PAVEMENT MARKING - LINE 5"	FOOT	2142	2142						
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	40	40						
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	7651	7651						
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	612	612						
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	23	23						
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	320	320						
* 78100300	REPLACEMENT REFLECTOR	EACH	5		5					
* 78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	374	344	30					
* 78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	399	399						
* 80400100	ELECTRIC SERVICE INSTALLATION	EACH	1					1		
* 80400200	ELECTRIC UTILITY SERVICE CONNECTION	LSUM	1					1		
* 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	470					470		
* 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	50					50		
* 81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	40					40		
* 81100320	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., PVC COATED GALVANIZED STEEL	FOOT	1420					1420		
* 81100605	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., PVC COATED GALVANIZED STEEL	FOOT	1660					1660		
* 81100805	CONDUIT ATTACHED TO STRUCTURE, 3" DIA., PVC COATED GALVANIZED STEEL	FOOT	410					410		
* 81300220	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4"	EACH	24					24		

\* DENOTES SPECIALTY ITEM  
 DENOTES NON-PARTICIPATING ITEM

**PARSONS BRINCKERHOFF**

USER NAME = Kucherski	DESIGNED - MMA	REVISED -
PLOT SCALE = NO SCALE	DRAWN - MMA	REVISED -
PLOT DATE = 7/13/2017	CHECKED - RT	REVISED -
	DATE - 07/14/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 7 OF 14 SHEETS STA. TO STA.

F.A.I. RTE. PAJ 90/94	SECTION 2014-01GR&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 12
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	

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DATE BY SURVEYED PLOTTED CHECKED  
 PROFILE NOTE BOOK STRUCTURE NOTATION'S OK'D  
 NO. FILE NAME

FILE NAME = I:\16898B\Civil\168985 Monaca Street\Plotting\Print\Export\0168985-int-500.dgn

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				90% FED 10% STATE ROADWAY	90% FED 10% STATE UTILITIES	90% FED 10% STATE BRIDGE	90% FED 10% STATE RETAINING WALL	90% FED 10% STATE HIGHWAY LIGHTING	90% FED 10% STATE ROADWAY LIGHTING
				0004 URBAN	0043 URBAN	0010 016-1700	0044 016-2017	0021 URBAN	0021 URBAN
* 81300530	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"	EACH	18					18	
* 81300830	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 18" X 8"	EACH	16					16	
* 81400200	HEAVY-DUTY HANDHOLE	EACH	2					2	
* 81400300	DOUBLE HANDHOLE	EACH	2					2	
* 81603081	UNIT DUCT, 600V, 3-1C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	3030					3030	
* 81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	5145					5145	
* 81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	541					541	
* 81702140	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	245					245	
* 81702150	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	735					735	
* 81800300	AERIAL CABLE, 3-1/C NO. 2 WITH MESSENGER WIRE	FOOT	3965					3965	
* 84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	18					18	
* 84200804	REMOVAL OF POLE FOUNDATION	EACH	3						3
* 87200400	SPAN WIRE	FOOT	1300					1300	
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	541					541	
* 87301790	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 2 2 C	FOOT	1082					1082	
* 87301804	ELECTRIC CABLE IN CONDUIT, SERVICE NO. 6 1C	FOOT	1082					1082	
* 87301815	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 3 C	FOOT	161					161	
* 87302705	ELECTRIC CABLE AERIAL SUSPENDED, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1600					1600	
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	4					4	
* 87900205	DRILL EXISTING HEAVY DUTY HANDHOLE	EACH	11					11	
* 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	1					1	

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\* DENOTES SPECIALTY ITEM  
 DENOTES NON-PARTICIPATING ITEM

PLAN	SURVEYED	DATE
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FILE NAME = T:\161898\1\60x95 Home - Street\Printing\Print Export\161898\161898-141-500.dgn

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				90% FED 10% STATE ROADWAY	90% FED 10% STATE UTILITIES	90% FED 10% STATE BRIDGE	90% FED 10% STATE RETAINING WALL	90% FED 10% STATE HIGHWAY LIGHTING	90% FED 10% STATE ROADWAY LIGHTING	
				0004 URBAN	0043 URBAN	0010 016-1700	0044 016-2017	0021 URBAN	0021 URBAN	
A2002009	TREE, AESCULUS FLAVEA (YELLOW SWEET BUCKEYE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	3		3					
C2000138	SHRUB, AESCULUS PARVIFLORA (BOTTLEBRUSH BUCKEYE), 3 1/2' HEIGHT, BALLED AND BURLAPPED	EACH	3		3					
C2003936	SHRUB, ILEX VERTICILLATA WINTER RED (WINTER RED WINTERBERRY), 3' HEIGHT, BALLED AND BURLAPPED	EACH	35		35					
C2015312	SHRUB, JUNIPERUS CHINENSIS KALLAY'S COMPACT, (KALLAY'S PFITZER JUNIOR), 18" WIDTH, CONTAINER GROWN, 3-GALLON	EACH	290		290					
K0029634	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	7		7					
X0320051	CROSSHOLE SONIC LOGGING ACCESS DUCTS	FOOT	4051			4051				
X0320052	CROSSHOLE SONIC LOGGING TESTING	EACH	10			10				
X0322463	CONNECTION TO EXISTING SEWER	EACH	7	7						
* X0324198	REMOVAL OF ASBESTOS CEMENT CONDUIT	FOOT	1380							1380
* X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	595					75		520
X0325143	FILLING EXISTING VAULT	EACH	1	1						
X0325207	TELEVISION INSPECTION OF SEWER	FOOT	620	620						
X0325318	LIGHTWEIGHT CELLULAR CONCRETE FILL	CU YD	1066			1066				
X0325349	TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)	FOOT	526	526						
* X0325815	REMOVE EXISTING CABLE	FOOT	1870					300		1570
* X0326094	RELOCATE EXISTING ITS CONTROLLER CABINET	EACH	1					1		
* X0326326	CABLE IN CONDUIT, TRIPLEX, 2-1/C NO. 6 AND 1-1/C NO. 8 GROUND	FOOT	980							980
X0326382	CONCRETE BARRIER BASE (SPECIAL)	FOOT	100	100						
X0326486	DECORATIVE RAILING (PARAPET MOUNTED)	FOOT	724			724				
X0326664	CURED-IN-PLACE PIPE LINER, 36"	FOOT	413		413					
X0326665	CURED-IN-PLACE PIPE LINER, 42"	FOOT	408		408					

\* DENOTES SPECIALTY ITEM  
 DENOTES NON-PARTICIPATING ITEM

**PARSONS BRINCKERHOFF**

USER NAME = Kucharski	DESIGNED - MMA	REVISED -
	DRAWN - MMA	REVISED -
PLOT SCALE = NO SCALE	CHECKED - RT	REVISED -
PLOT DATE = 7/13/2017	DATE - 07/14/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 9 OF 14 SHEETS STA. TO STA.

F.A.I. RTE. 90/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 14
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	



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NOTE BOOK	ALIGNED	BY
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PROFILE	SURVEYED	DATE
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FILE NAME = T:\168988\Civil\168988\_Harros Street\Printing\Print Export\0168988-int-500.dgn

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				90% FED 10% STATE ROADWAY	90% FED 10% STATE UTILITIES	90% FED 10% STATE BRIDGE	90% FED 10% STATE RETAINING WALL	90% FED 10% STATE HIGHWAY LIGHTING	90% FED 10% STATE ROADWAY LIGHTING	
				0004 URBAN	0043 URBAN	0010 016-1700	0044 016-2017	0021 URBAN	0021 URBAN	
* X0326801	COMBINED SEWERS TO BE CLEANED	FOOT	310	310						
* X0327004	TEMPORARY WOOD POLE, 60 FT., CLASS 4	EACH	7					7		
* X0327236	TEMPORARY WOOD POLE, 50 FT., CLASS 4	EACH	13					13		
X0327267	SLOPE INCLINOMETER	EACH	3			2	1			
X0327348	COMBINED SEWER REMOVAL 10"	FOOT	96	96						
X0327357	CONSTRUCTION VIBRATION MONITORING	LSUM	1	1						
* X0327552	TREE GRATE REMOVAL	EACH	11	11						
* X0327607	FIBER OPTIC SPLICE-MAINLINE	EACH	2					2		
X0327615	COMBINED SEWER REMOVAL 8"	FOOT	39	39						
* X0327616	MAINTAINING ITS DURING CONSTRUCTION	CAL MO	21					21		
* X0327689	COMBINED SEWERS TO BE CLEANED, SPECIAL	FOOT	1231		1231					
* X0327965	ELECTRIC CABLE NO. 19 50-PAIR	FOOT	250					250		
* X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	32074	31432	642					
* X0370008	BREAKDOWN MANHOLE (CDOT)	EACH	2						2	
* X0370049	UNDERGROUND CONDUIT, PVC, 2" DIA., SCHEDULE 80 (CDOT)	FOOT	95						95	
* X0370068	CONCRETE FOUNDATION, 24" DIAMETER, 1 1/4" ANCHOR RODS, 15" BOLT CIRCLE (CDOT)	EACH	3						3	
X0370069	COMBINED SEWER (EXTRA STRENGTH VIRTIFIED CLAY), 8 INCH (CDOT)	FOOT	53	53						
X0370070	COMBINED SEWERS, WATER MAIN REQUIREMENTS, 8 INCH (CDOT)	FOOT	33	33						
* X0370074	RACKING CABLES IN MANHOLE OR HANDHOLE (CDOT)	EACH	8						8	
* X0370075	UNDERGROUND CONDUIT, PVC, 4" DIA., SCHEDULE 80 (CDOT)	FOOT	970					190	780	
X0370080	COMBINATION CURB AND GUTTER TYPE B V.12 (CDOT)	FOOT	676	676						

\* DENOTES SPECIALTY ITEM  
 DENOTES NON-PARTICIPATING ITEM

**PARSONS BRINCKERHOFF**

USER NAME = Kucharaki	DESIGNED - MMA	REVISED -
	DRAWN - MMA	REVISED -
PLOT SCALE = NO SCALE	CHECKED - RT	REVISED -
PLOT DATE = 7/13/2017	DATE - 07/14/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 10 OF 14 SHEETS STA. TO STA.

F.A.I. RTE. 90/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 15
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	

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NO. _____	NO. _____
STRUCTURE	NOTATIONS OK'D

FILE NAME = T:\168R&B\Civil\168R&B Monaca Street\Plotting\Print Export\168R&B-ant-500.dgn

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				90% FED 10% STATE ROADWAY	90% FED 10% STATE UTILITIES	90% FED 10% STATE BRIDGE	90% FED 10% STATE RETAINING WALL	90% FED 10% STATE HIGHWAY LIGHTING	90% FED 10% STATE ROADWAY LIGHTING	
				0004 URBAN	0043 URBAN	0010 016-1700	0044 016-20.7	0021 URBAN	0021 URBAN	
* X0370084	DRILL MANHOLE OR HANDHOLE (CDOT)	EACH	3							3
* X0370085	CLEAN MANHOLE OR HANDHOLE (CDOT)	EACH	7							7
* X0370139	MAINTENANCE OF LIGHTING SYSTEM (CDOT)	CAL MO	21							21
* X0370186	ELECTRICAL MANHOLE, 3' X 4' X 4', 30" FRAME AND LID (CDOT)	EACH	1							1
* X0539800	TREE GRATES	EACH	11	11						
X1200011	STORM SEWERS, TYPE 2, DUCTILE IRON PIPE 8"	FOOT	58	58						
X1200012	STORM SEWERS, TYPE 2, DUCTILE IRON PIPE 10"	FOOT	29	29						
* X1200102	CURED-IN-PLACE PIPE LINER, 14"	FOOT	410		410					
* X1200103	SEAL, HYDROPHILIC END SEAL SLEEVES, 36"	EACH	2		2					
* X1200104	SEAL, HYDROPHILIC END SEAL SLEEVES, 42"	EACH	2		2					
X1200105	ACCESS REMOVE AND REPLACE BLIND FLANGE	EACH	3		3					
X1200106	TEMPORARY PUMPING SYSTEM	CAL DAY	9		9					
* X1400013	REMOVAL OF CABLE IN CONDUIT	FOOT	10607					10607		
* X1800003	PLANTING SOIL MIX FURNISH & PLACE	CU YD	371		371					
* X1800004	SHRUB, ILEX VERTICILLATA SOUTHERN GENTLEMAN (SOUTHERN GENTLEMAN WINTERBERRY), 36" HEIGHT, BALLED AND BURLAPPED	EACH	7		7					
X1800005	REPAIR IRRIGATION SYSTEM	LSUM	1		1					
X2020410	EARTH EXCAVATION (SPECIAL)	CU YD	68		68					
X2200003	FENCE (SPECIAL)	FOOT	39	39						
* X2600022	REMOVE, STORE, AND RE-ERECT SIGN PANEL ASSEMBLY (SPECIAL)	EACH	1	1						
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	4	4						
X4240430	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL	SO FT	1102	1102						

\* DENOTES SPECIALTY ITEM  
 DENOTES NON-PARTICIPATING ITEM

**PARSONS BRINCKERHOFF**

USER NAME = Kucharski	DESIGNED - MMA	REVISED -
DRAWN - MMA	REVISED -	
CHECKED - RT	REVISED -	
DATE - 07/14/2017	REVISED -	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 11 OF 14 SHEETS STA. TO STA.

F.A.I. RTE. #1 50/24	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 16
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X95	

PLAN	SURVEYED	DATE
NOTE BOOK	ADJUSTED	
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	CHECKED	
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	DATE	

PROFILE	SURVEYED	DATE
NOTE BOOK	ADJUSTED	
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	DATE	

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CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				90% FED 10% STATE ROADWAY	90% FED 10% STATE UTILITIES	90% FED 10% STATE BRIDGE	90% FED 10% STATE RETAINING WALL	90% FED 10% STATE HIGHWAY LIGHTING	90% FED 10% STATE ROADWAY LIGHTING	
				0004	0043	0010	0044	0021	0021	
				URBAN	URBAN	016-1700	016-2017	URBAN	URBAN	
X4240800	DETECTABLE WARNINGS (SPECIAL)	SO FT	68	68						
X4402020	CONCRETE MEDIAN SURFACE REMOVAL	SO FT	694	694						
X5610651	ABANDON EXISTING WATER MAIN, FILL WITH CLSM	FOOT	399	399						
X5610712	WATER MAIN REMOVAL, 12"	FOOT	107	107						
X6020083	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID (CITY OF CHICAGO)	EACH	4	4						
X6020270	MANHOLES, TYPE B, 4' DIA, TYPE 1 FRAME, CLOSED LID (CITY OF CHICAGO)	EACH	1	1						
X6022505	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID (CITY OF CHICAGO)	EACH	5	5						
X6331110	STEEL POSTS, SPECIAL	EACH	6	6						
X6370050	CONCRETE BARRIER WALL (SPECIAL)	FOOT	50	50						
X6370700	CONCRETE BARRIER TRANSITION (SPECIAL)	FOOT	50	50						
X6430120	REMOVE IMPACT ATTENUATORS, NO SALVAGE	EACH	1	1						
X6431120	REMOVE IMPACT ATTENUATOR SAND MODULE	EACH	1	1						
X6640200	TEMPORARY CHAIN LINK FENCE	FOOT	813		813					
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	21	21						
X7010216	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	LSUM	1	1						
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	LSUM	1	1						
X7013820	TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS	CAL DA	640	640						
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	1280	1280						
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SO FT	642		642					
X7035100	TEMPORARY EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	144	144						
X7035104	TEMPORARY EPOXY PAVEMENT MARKING - LINE 4"	FOOT	12557	12557						
X7035105	TEMPORARY EPOXY PAVEMENT MARKING - LINE 5"	FOOT	6993	6993						

21

\* DENOTES SPECIALTY ITEM  
 □ DENOTES NON-PARTICIPATING ITEM

**PARSONS BRINCKERHOFF**

USER NAME : Kucharski	DESIGNED - MMA	REVISED -
PLDT SCALE : NO SCALE	DRAWN - MMA	REVISED -
PLDT DATE : 7/13/2017	CHECKED - RT	REVISED -
	DATE - 07/14/2017	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE:	SHEET NO. 12 OF 14 SHEETS	STA.	TO STA.

F.A.I. RTE. PAI 90/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 17
CONTRACT NO. 60X95				ILLINOIS FED. AID PROJECT

PLAN	SURVEYED	DATE
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CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				90% FED ROADWAY	90% FED 10% STATE UTILITIES	90% FED 10% STATE BRIDGE	90% FED 10% STATE RETAINING WALL	90% FED 10% STATE HIGHWAY LIGHTING	90% FED 10% STATE ROADWAY LIGHTING	
				0004 URBAN	0043 URBAN	0019 016-1700	0044 016-2017	0021 URBAN	0021 URBAN	
X7035108	TEMPORARY EPOXY PAVEMENT MARKING - LINE 8"	FOOT	22113	22113						
X7035112	TEMPORARY EPOXY PAVEMENT MARKING - LINE 12"	FOOT	810	810						
X7040125	PINNING TEMPORARY CONCRETE BARRIER	EACH	525	525						
* X7200053	REMOVE, STORE AND RE-ERECT SIGN PANEL (SPECIAL)	EACH	5	5						
X7830050	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL	EACH	5		5					
* X8100863	INTERCEPT EXISTING CONDUIT	EACH	8					8		
* X8130115	DRILL EXISTING JUNCTION BOX	EACH	7					7		
* X8440120	REMOVE AND RE-ERECT EXISTING LIGHTING UNIT	EACH	3						3	
* X8730312	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 4/C, TWISTED, SHIELDED	FOOT	5290					5290		
* X8951011	REMOVE AERIAL CABLE	FOOT	5785					5500	285	
X2200020	FENCE REMOVAL AND REINSALLATION	FOOT	65	65						
Z0004552	APPROACH SLAB REMOVAL	SQ YD	319	319						
□ Z0010614	CLEANING EXISTING MANHOLE OR HANDHOLE	EACH	10					10		
Z0013797	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	3367	3367						
Z0013798	CONSTRUCTION LAYOUT	LSUM	1	1						
Z0017400	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	EACH	8	8						
Z0018002	DRAINAGE SCUPPERS, DS-11	EACH	16			16				
□ Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	21	21						
Z0018800	DRAINAGE SYSTEM	LSUM	1			1				
Z0019600	DUST CONTROL WATERING	UNIT	10	5	5					
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	1157	1157						

□ NON-PARTICIPATING

\* DENOTES SPECIALTY ITEM  
 □ DENOTES NON-PARTICIPATING ITEM

**PARSONS BRINCKERHOFF**

USER NAME = Kucharski	DESIGNED - MMA	REVISED -
	DRAWN - MMA	REVISED -
PLOT SCALE = NO SCALE	CHECKED - RT	REVISED -
PLOT DATE = 7/13/2017	DATE - 07/14/2017	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 13 OF 14 SHEETS STA. TO STA.

F.A.I. RTE. 90/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 17A
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	

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CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				90% FED 10% STATE ROADWAY 0004 URBAN	90% FED 10% STATE UTILITIES 0043 URBAN	90% FED 10% STATE BRIDGE 0010 016-1700	90% FED 10% STATE RETAINING WALL 0044 016-2017	90% FED 10% STATE HIGHWAY LIGHTING 0021 URBAN	90% FED 10% STATE ROADWAY LIGHTING 0021 URBAN
* Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	21					21	
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES, 4"	FOOT	361			211	150		
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	LSUM	1		1				
Z0062456	TEMPORARY PAVEMENT	SQ YD	223	223					
Ø Z0076600	TRAINEES	HOUR	2000	2000					
Ø Z0076604	TRAINEES-TRAINING PROGRAM GRADUATE	HOUR	2000	2000					
* X1400249	LUMINAIRE, UNDERPASS, LED, TYPE C	EACH	24					24	
X1400272	CONDUIT, 4" DIA., PVC COATED GALVANIZED STEEL	FOOT	2520						2520
* X1400269	ELECTRIC CABLE IN CONDUIT, NO. 14 6/C	FOOT	848					848	
* X1400270	ELECTRIC CABLE, AERIAL INSTALLATION, NO. 14 6/C	FOOT	900					900	
* X1400242	ELECTRIC CABLE, AERIAL INSTALLATION, NO. 19 50-PAIR	FOOT	700					700	
* X1400271	ELECTRIC CABLE, AERIAL INSTALLATION, NO. 2 2/C	FOOT	1600					1600	
* X1400241	FIBER OPTIC CABLE, AERIAL, 96 FIBERS, SINGLE MODE	FOOT	700					700	
* X1400240	FIBER OPTIC CABLE, IN CONDUIT, 96 FIBERS, SINGLE MODE	FOOT	300					300	
X1200159	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID (CITY OF CHICAGO)	EACH	1	1					
X1200160	CONNECTION TO EXISTING DRAINAGE STRUCTURE	EACH	2	2					

NOTE: Ø TRAINEES AND TRAINEES TRAINING PROGRAM GRADUATE FUND NUMBER 0042

\* DENOTES SPECIALTY ITEM  
 □ DENOTES NON-PARTICIPATING ITEM

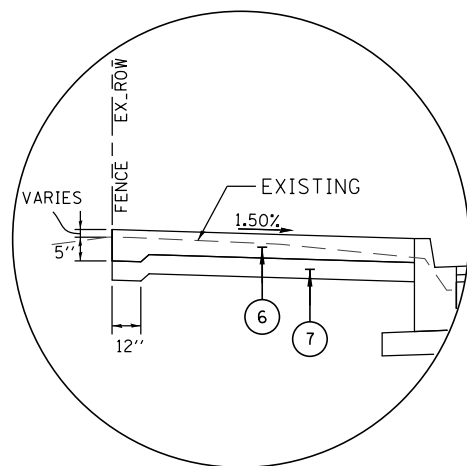
<b>PARSONS BRINCKERHOFF</b>	USER NAME = Kucharski	DESIGNED - MMA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.I. RTE. 90/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 17B
	PLOT SCALE = NO SCALE	CHECKED - RT	REVISED -					CONTRACT NO. 60X95				
	PLOT DATE = 7/13/2017	DATE = 07/14/2017	REVISED -			SCALE:	SHEET NO. 14 OF 14 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT			

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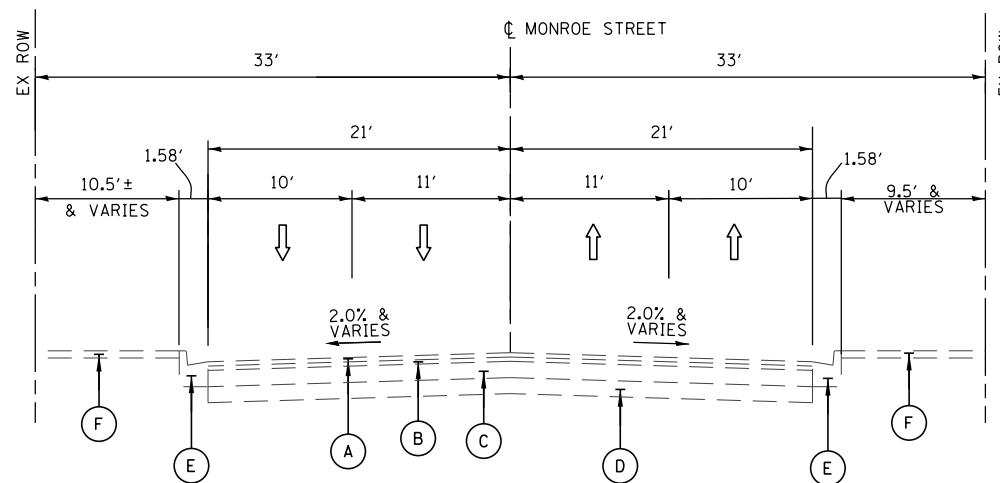
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NOTE BOOK NO.	PROJECT FILE NAME

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PROFILE	SURVEYED
	PLOTTED
	GRADES CHECKED
	STRUCTURE NOTATIONS OK'D
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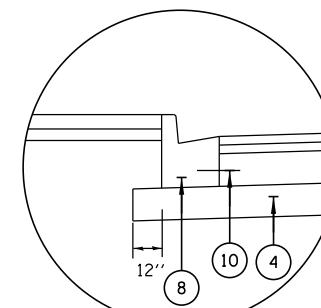


DETAIL A  
LEFT SIDE SHOWN  
RIGHT SIDE OPPOSITE  
STA. 8411+46.64 RT TO STA. 8411+68.80 RT  
STA. 8415+45.88 LT TO STA. 8416+52.52 LT



EXISTING TYPICAL SECTION  
MONROE STREET

STA. 8409+80 TO STA. 8411+68.80  
STA. 8415+45.88 TO STA. 8417+05.00



DETAIL B

**EXISTING**

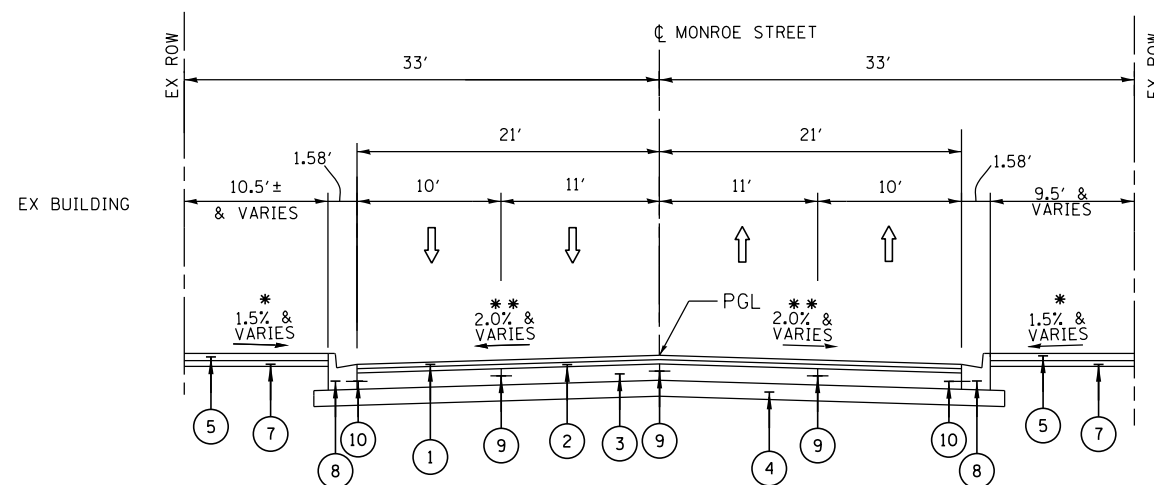
- (A) 1 1/2" HMA SURFACE COURSE
- (B) 1" LEVEL AND BINDER
- (C) 10" PCC BASE
- (D) SUBBASE
- (E) COMB. CURB AND GUTTER TYPE BV.12 (SPECIAL)
- (F) PCC SIDEWALK (5")

**PROPOSED**

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 3/4"
- (2) LEVELING BINDER (MACHINE METHOD), N70, 1 1/2"
- (3) PORTLAND CEMENT CONCRETE BASE COURSE 10"
- (4) SUBBASE GRANULAR MATERIAL, TYPE B 6"
- (5) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (6) PORTLAND CEMENT CONCRETE SIDEWALK, SPECIAL
- (7) SUBBASE GRANULAR MATERIAL, TYPE B 4"
- (8) COMBINATION CURB AND GUTTER TYPE B V.12 (CDOT)
- (9) #4 TIE BARS, 30" LONG AT 30" C-C (INCLUDED IN PRICE BID FOR PCC BASE COURSE)
- (10) #5 TIE BARS, 18" LONG AT 30" C-C (INCLUDED IN PRICE BID FOR PCC CURB AND GUTTER)

**NOTES**

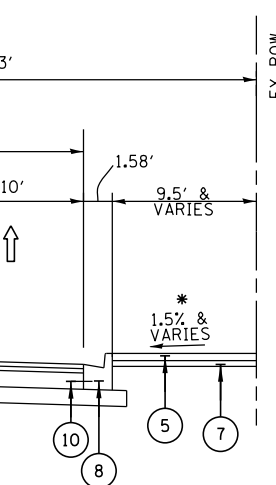
1. TYPICAL SECTIONS ARE NOT TO SCALE
2. AS INDICATED ON THE ROADWAY PLANS, TYPICALLY 6' MIN OF PROPOSED SIDEWALK WIDTH MUST HAVE A CROSS SLOPE OF 1:64 OR LESS.
3. TYPICAL LOCAL ROADWAY CROSS SLOPE VARIES BETWEEN 1.4% AND 3.6% AS INDICATED ON THE PLANS. SEE ROADWAY AND GRADING PLAN DETAILS FOR ROADWAY SLOPE TRANSITIONS.
4. PCC BASE COURSE SHALL HAVE TRANSVERSE CONTRACTION JOINTS AT A 20' MAXIMUM SPACING. (INCLUDED IN PRICE FOR BID FOR PCC BASE COURSE)



PROPOSED TYPICAL SECTION  
MONROE STREET

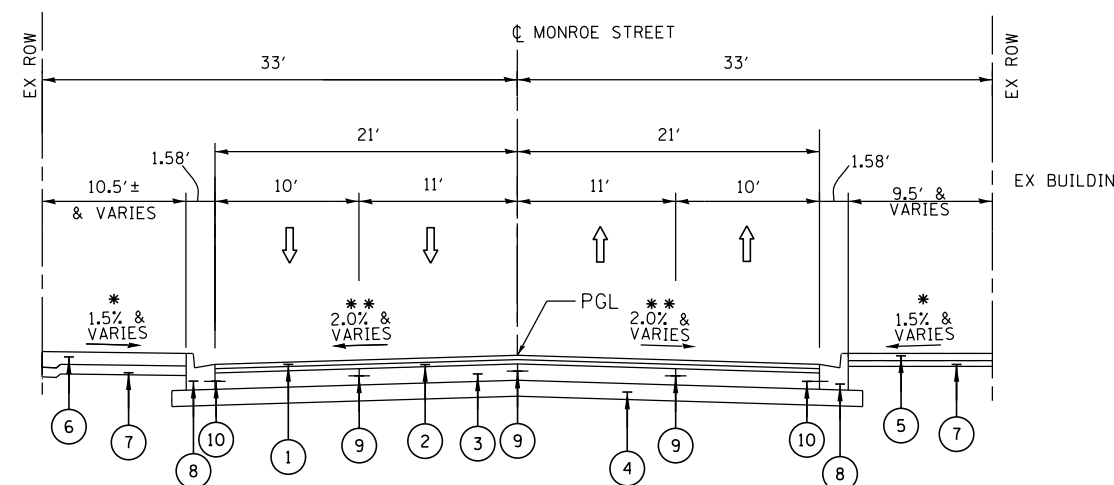
STA. 8409+80.00 TO STA. 8411+68.80

\* SEE NOTE 2  
\*\* SEE NOTE 3



PROPOSED TYPICAL SECTION  
MONROE STREET

BRIDGE OMISSION (STA. 8411+98.80 TO 8415+15.88)  
WEST APPROACH SLAB STA. 8411+68.80 TO STA. 8411+98.80  
EAST APPROACH SLAB STA. 8415+15.88 TO STA. 8415+45.88  
WEST PAVMENT CONNECTOR (HMA) STA. 8411+58.80 TO 8411+68.80  
EAST PAVMENT CONNECTOR (HMA) STA. 8415+45.88 TO 8415+55.88



PROPOSED TYPICAL SECTION  
MONROE STREET

STA. 8415+45.88 TO STA. 8417+05.00

\* SEE NOTE 2  
\*\* SEE NOTE 3

**PARSONS  
BRINCKERHOFF**

USER NAME = Kucharski	DESIGNED - MMA	REVISED -
PLOT SCALE = NO SCALE	DRAWN - MMA	REVISED -
PLOT DATE = 4/18/2017	CHECKED - RT	REVISED -
	DATE - 05/02/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

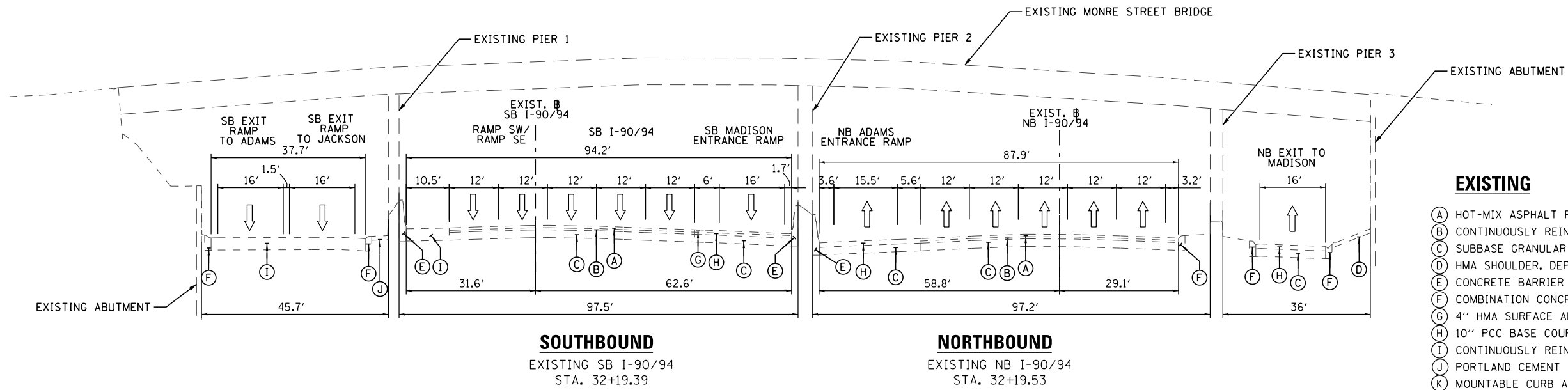
TYPICAL SECTIONS MONROE STREET	
SCALE: NOT TO SCALE	SHEET NO. 1 OF 5 SHEETS
STA. 8409+80.00 TO STA. 8417+05.00	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 90/94	2014-016R&B	COOK	373	18
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	



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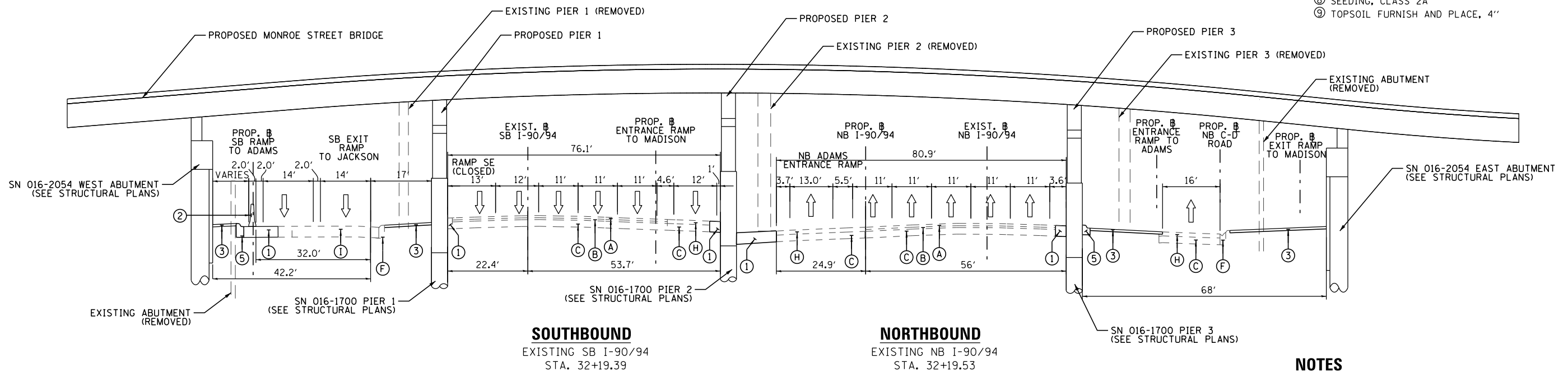
**EXISTING**

- (A) HOT-MIX ASPHALT PAVEMENT, 5" TO 11"
- (B) CONTINUOUSLY REINFORCED PCC PAVEMENT, 7"
- (C) SUBBASE GRANULAR MATERIAL, 12"
- (D) HMA SHOULDER, DEPTH UNKNOWN
- (E) CONCRETE BARRIER
- (F) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
- (G) 4" HMA SURFACE AND BINDER
- (H) 10" PCC BASE COURSE
- (I) CONTINUOUSLY REINFORCED PCC PAVEMENT
- (J) PORTLAND CEMENT CONCRETE SIDEWALK
- (K) MOUNTABLE CURB AND GUTTER

**PROPOSED**

- (1) TEMPORARY PAVEMENT
- (2) TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)
- (3) HOT-MIX ASPHALT SHOULDERS, 6"
- (4) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 3/4"
- (5) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
- (6) PIPE UNDERDRAIN 4" (SPECIAL)
- (7) CONCRETE GUTTER, TYPE B
- (8) SEEDING, CLASS 2A
- (9) TOPSOIL FURNISH AND PLACE, 4"

**EXISTING MAINLINE TYPICAL SECTION  
NB & SB I-90/94 EXPRESSWAY  
AT MONROE ST**



**NOTES**

1. PROPOSED BASELINES (NB & SB I-90/94, SB RAMP TO ADAMS, RAMP SW, EXIT RAMP TO MADISON AND ENTRANCE RAMP TO ADAMS) ARE SHOWN FOR INFORMATION ONLY AND WILL BE USED IN FUTURE BY OTHERS.

**PROPOSED MAINLINE TYPICAL SECTION  
NB & SB I-90/94 EXPRESSWAY  
AT MONROE ST**

**PARSONS  
BRINCKERHOFF**

USER NAME = Kucharski	DESIGNED - MMA	REVISED -
	DRAWN - MMA	REVISED -
PLOT SCALE = NO SCALE	CHECKED - RT	REVISED -
PLOT DATE = 4/18/2017	DATE - 05/02/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS  
MAINLINE I-90 /94**

SCALE: N.T.S. SHEET NO. 2 OF 5 SHEETS STA. TO STA.

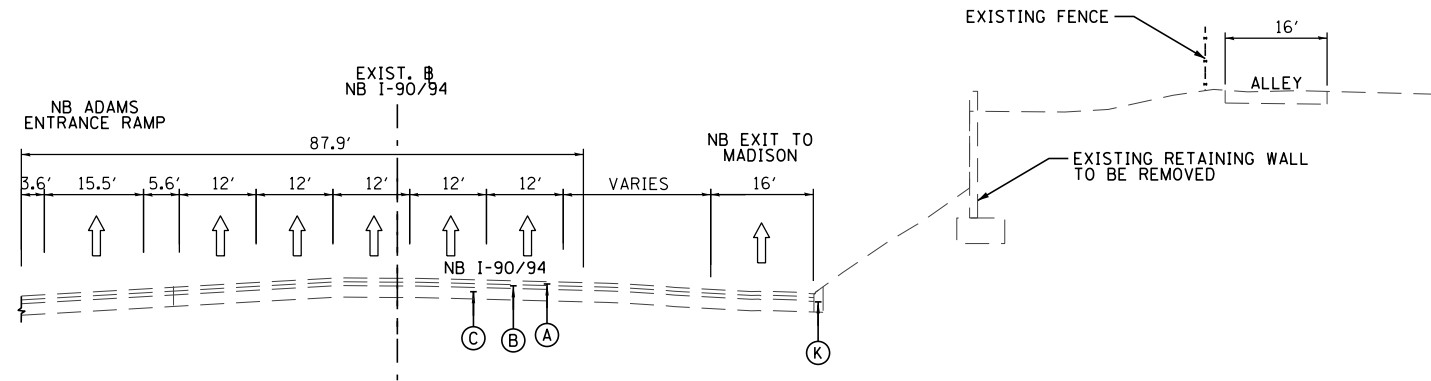
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 90/94	2014-016R&B	COOK	373	19
			CONTRACT NO. 60X95	
ILLINOIS FED. AID PROJECT				

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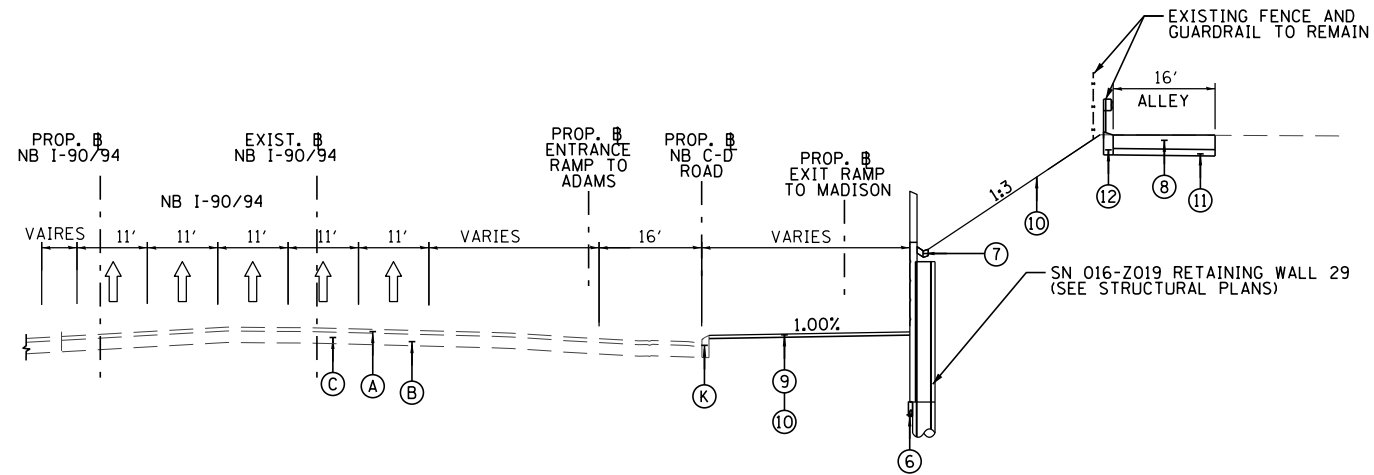
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**NORTHBOUND**

STA. 30+34.85 TO 31+84.26  
(EXIST. I-90/94 NB)

**EXISTING MAINLINE TYPICAL SECTION  
NB I-90/94 EXPRESSWAY**



**NORTHBOUND**

STA. 30+34.85 TO 31+84.26  
(EXIST. I-90/94 NB)

**PROPOSED MAINLINE TYPICAL SECTION  
NB I-90/94 EXPRESSWAY**

**EXISTING**

- (A) HOT-MIX ASPHALT PAVEMENT, 5" TO 11"
- (B) CONTINUOUSLY REINFORCED PCC PAVEMENT, 7"
- (C) SUBBASE GRANULAR MATERIAL, 12"
- (D) HMA SHOULDER, DEPTH UNKNOWN
- (E) CONCRETE BARRIER
- (F) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
- (G) 4" HMA SURFACE AND BINDER
- (H) 10" PCC BASE COURSE
- (I) CONTINUOUSLY REINFORCED PCC PAVEMENT
- (J) PORTLAND CEMENT CONCRETE SIDEWALK
- (K) MOUNTABLE CURB AND GUTTER

**PROPOSED**

- (1) TEMPORARY PAVEMENT
- (2) TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)
- (3) HOT-MIX ASPHALT SHOULDERS, 6"
- (4) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 3/4"
- (5) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
- (6) PIPE UNDERDRAIN 4" (SPECIAL)
- (7) CONCRETE GUTTER, TYPE B
- (8) PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)
- (9) SEEDING, CLASS 2A
- (10) TOPSOIL FURNISH AND PLACE, 4"
- (11) SUBBASE GRANULAR MATERIAL, TYPE B 4"
- (12) CONCRETE CURB, TYPE B

**NOTES**

1. PROPOSED BASELINES (NB & SB I-90/94, SB RAMP TO ADAMS, RAMP SW, EXIT RAMP TO MADISON AND ENTRANCE RAMP TO ADAMS) ARE SHOWN FOR INFORMATION ONLY AND WILL BE USED IN FUTURE BY OTHERS.
2. SEE CROSS SECTIONS AND PROPOSED GRADING DETAIL FOR GRADING LIMITS AND SLOPE.

**PARSONS  
BRINCKERHOFF**

USER NAME = Kucharski	DESIGNED - MMA	REVISED -
	DRAWN - MMA	REVISED -
PLOT SCALE = NO SCALE	CHECKED - RT	REVISED -
PLOT DATE = 4/18/2017	DATE - 05/02/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

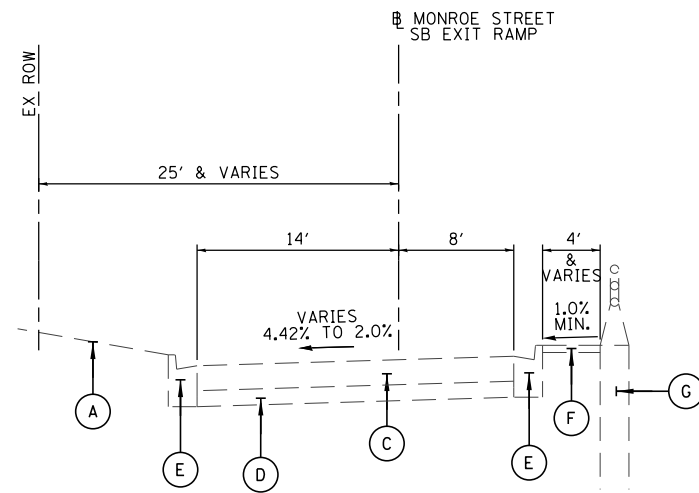
TYPICAL SECTIONS	
MAINLINE I-90/94 AT RETAINING WALL 29	
SCALE: N.T.S.	SHEET NO. 3 OF 5 SHEETS
STA.	TO STA.

F.A.I. RTE. 90/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 373	SHEET NO. 20
			CONTRACT NO. 60X95	
ILLINOIS FED. AID PROJECT				

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

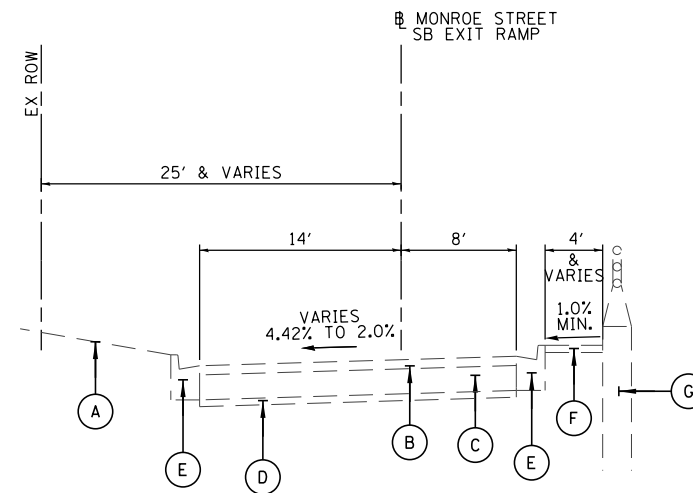
DATE	
BY	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHECKED	
PROFILE	
NOTE BOOK NO.	

FILE NAME = T:\168988\Civil\68985 Monroe Street\Plotting\Print.Export\168985-sh-1.pco-04.dgn



**EXISTING TYPICAL SECTION**  
**MONROE STREET SB EXIT RAMP**

LOOKING NORTH  
STA. 100+34.50 TO STA. 100+94.05



**EXISTING TYPICAL SECTION**  
**MONROE STREET SB EXIT RAMP**

LOOKING NORTH  
STA. 100+94.05 TO STA. 101+10.00

**EXISTING**

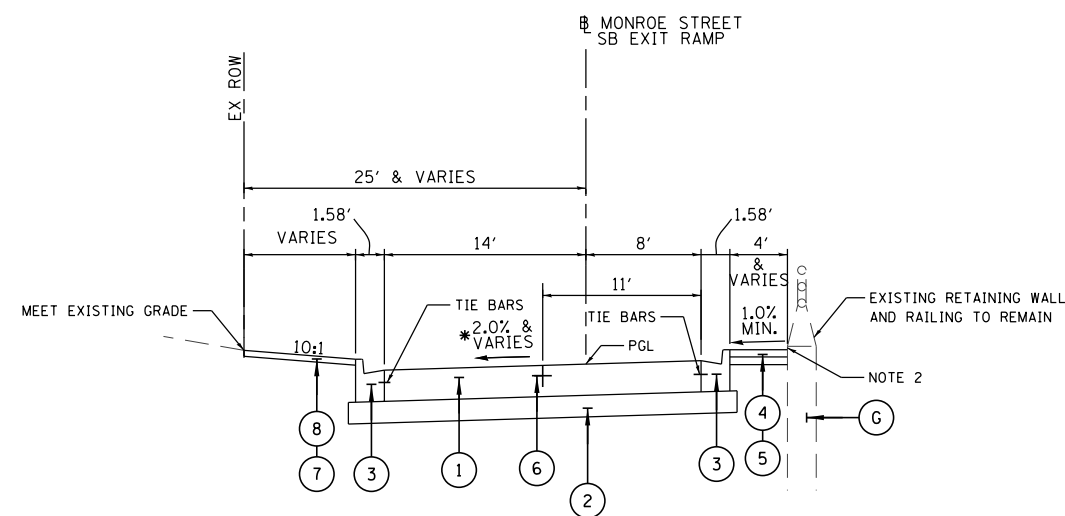
- (A) EXISTING GROUND
- (B) 1" LEVELING BINDER
- (C) 10" PCC BASE COURSE
- (D) 4" SUBBASE GRANULAR MATERIAL
- (E) COMB. CONCRETE CURB AND GUTTER TYPE B V.12 (SPECIAL)
- (F) PCC SIDEWALK (5")
- (G) RETAINING WALL WITH RAILING

**PROPOSED**

- (1) PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- (2) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (3) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (4) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (5) SUBBASE GRANULAR MATERIAL, TYPE B 4"
- (6) #6 TIE BARS, 36" LONG AT 18" C-C (INCLUDED IN PRICE BID FOR PCC PAVEMENT)
- (7) TOPSOIL FURNISH AND PLACE, 4"
- (8) SEEDING, CLASS 2A

**NOTES**

1. TYPICAL SECTIONS ARE NOT TO SCALE
2. MINIMUM DISTANCE OF 2 INCHES SHALL BE MAINTAINED BETWEEN THE SIDEWALK AND THE TOP OF RETAINING WALL.
3. SEE ROADWAY AND GRADING PLAN DETAILS FOR RAMP SLOPE TRANSITIONS.



**PROPOSED TYPICAL SECTION**  
**MONROE STREET SB EXIT RAMP**

LOOKING NORTH  
STA. 100+34.50 TO STA. 101+10.00

\* SEE NOTE 3

**PARSONS**  
**BRINCKERHOFF**

USER NAME = Kucharski	DESIGNED - MMA	REVISED -
	DRAWN - MMA	REVISED -
PLOT SCALE = NO SCALE	CHECKED - RT	REVISED -
PLOT DATE = 4/18/2017	DATE - 05/02/2017	REVISED -

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

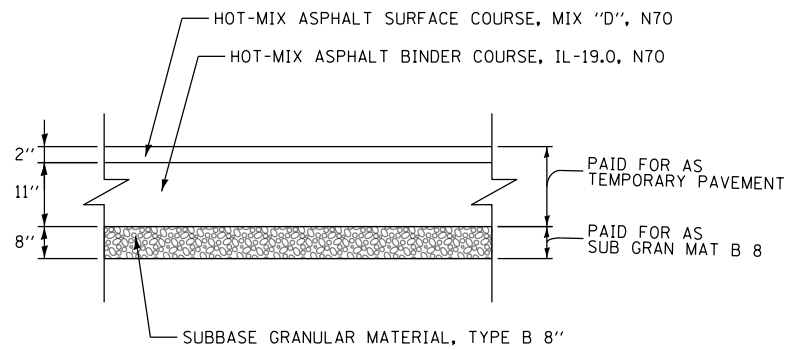
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<b>MONROE STREET SB EXIT RAMP</b>		
SCALE: NOT TO SCALE	SHEET NO. 4 OF 5 SHEETS	STA. 100+34.50 TO STA. 101+10.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 90/94	2014-016R&B	COOK	373	21
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X95	

**TEMPORARY PAVEMENT DETAILS:**

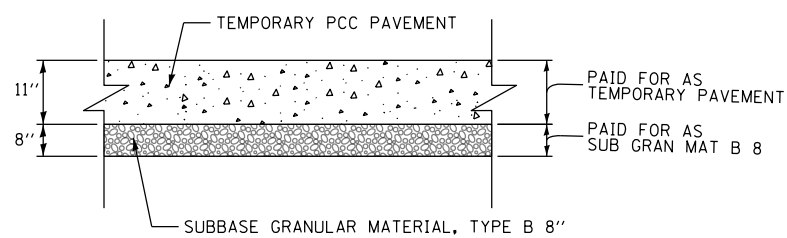
**I-90 /94 MAINLINE**

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



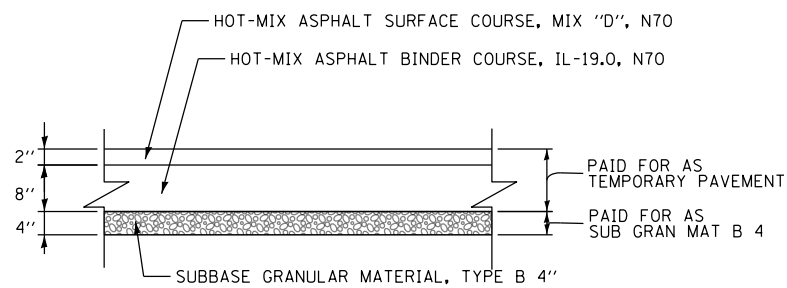
**TEMPORARY HMA PAVEMENT FOR I-90/94**

**DETAIL B: TEMPORARY PCC PAVEMENT**



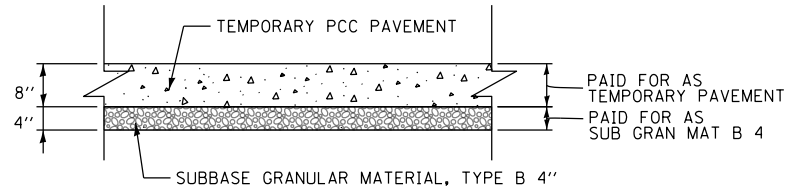
**TEMPORARY PCC PAVEMENT FOR I-90/94**

**I-90 /94 AT MADISON STREET RAMPS & SHOULDERS**



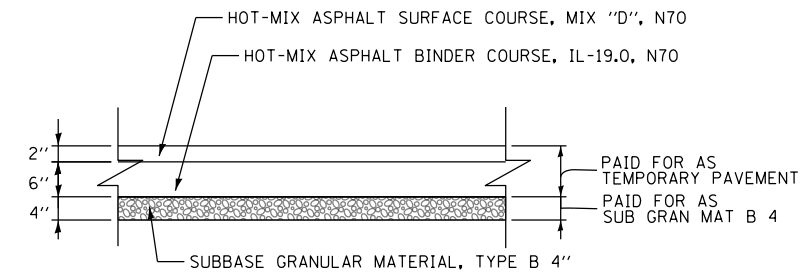
**TEMPORARY HMA PAVEMENT FOR MADISON STREET RAMP**

**DETAIL B: TEMPORARY PCC PAVEMENT**



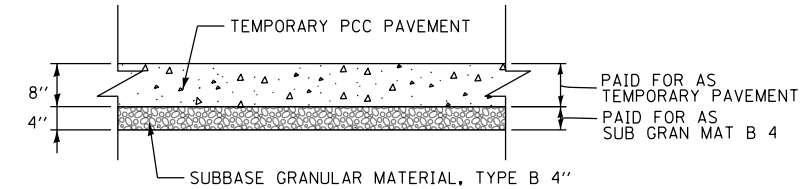
**TEMPORARY PCC PAVEMENT FOR MADISON STREET RAMP**

**I-90 /94 AT ADAMS STREET RAMPS & SHOULDERS**



**TEMPORARY HMA PAVEMENT FOR ADAMS STREET RAMP**

**DETAIL B: TEMPORARY PCC PAVEMENT**



**TEMPORARY PCC PAVEMENT FOR ADAMS STREET RAMP**

**TEMPORARY PAVEMENT GENERAL NOTES:**

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

**HOT MIX ASPHALT MIXTURE REQUIREMENTS**

MIXTURE TYPE	AIR VOIDS (%) @NDES	QMP
TEMPORARY PAVEMENT (IF HMA OPTION IS SELECTED BY CONTRACTOR)		
I-90/94 AND INTERSTATE RAMPS		
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:	4% @ 70 GYR	QC/QA
PAVEMENT RECONSTRUCTION		
MONROE STREET		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL 9.5MM) 1 3/4".	4% @ 70 GYR	QC/QA
LEVELING BINDER (MACHINE METHOD) N70, 1 1/2"	4% @ 70 GYR	QC/QA
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) CONTROL FOR PERFORMANCE (QCP)		
I-90/94 AND RAMPS HMA SHOULDER 6"		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL 9.5MM) 2"	4% @ 70 GYR	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 4"	4% @ 70 GYR	QC/QA

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.

PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
	ALIGNMENT CHECKED	
	PAID FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	

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USER NAME = Kucharski	DESIGNED - MMA	REVISED -
PLOT SCALE = NO SCALE	DRAWN - MMA	REVISED -
PLOT DATE = 4/18/2017	CHECKED - RT	REVISED -
	DATE - 05/02/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCALE: NOT TO SCALE	SHEET NO. 5 OF 5 SHEETS	STA.	TO STA.
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TYPICAL SECTIONS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 90/94	2014-016R&B	COOK	373	22
			CONTRACT NO. 60X95	
ILLINOIS FED. AID PROJECT				

**REMOVAL SCHEDULE**

ROADWAY LOCATION	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (OVER 15 UNITS DIAMETER)	PAVEMENT REMOVAL	DRIVEWAY PAVEMENT REMOVAL	COMBINATION CURB AND GUTTER REMOVAL	SIDEWALK REMOVAL	CONCRETE BARRIER REMOVAL	PAVED SHOULDER REMOVAL	GUARDRAIL REMOVAL	TREE GRATE REMOVAL	APPROACH SLAB REMOVAL	FENCE REMOVAL AND RE-ERECTION	CONCRETE MEDIAN SURFACE REMOVAL
	UNIT	UNIT	SO YD	SO YD	FOOT	SO FT	FOOT	SO YD	FOOT	EACH	SO YD	FOOT	SO FT
MONROE ST			1693	145	586	4123				11	319	65	
NB I-90/94	27	38	100		114		168	316					
SB I-90/94	8	30	213		90		195		150				694
MONROE ST EXIT RAMP			188		74	295							
REMOVAL TOTALS	35	68	2194	145	864	4418	363	316	150	11	319	65	694

**SAFETY SCHEDULE**

ROADWAY LOCATION	CONCRETE BARRIER WALL (SPECIAL)	IMPACT ATTENUATORS (FULLY REDIRECTIVE, WIDE), TEST LEVEL 3	TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)	CONCRETE BARRIER TRANSITION (SPECIAL)	CONCRETE BARRIER BASE (SPECIAL)	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	BARRIER WALL REFLECTORS, TYPE C
	FOOT	EACH	FOOT	FOOT	FOOT	EACH	EACH
MONROE ST							
NB I-90/94		1					
SB I-90/94	50	1		50	100	1	8
MONROE ST EXIT RAMP			526				42
SAFETY TOTALS	50	2	526	50	100	1	50

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

PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	GRADES CHECKED		
	ALIGNMENT CHECKED		
	STRUCTURE NOTATIONS CHECKED		

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USER NAME = donahuek1	DESIGNED - MMA	REVISED -
PLOT SCALE = 1"=50'	DRAWN - MMA	REVISED -
PLOT DATE = 8/31/2017	CHECKED - RT	REVISED -
	DATE - 09/01/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCALE: N.T.S.		SHEET NO. 1 OF 3 SHEETS		STA. TO STA.	
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SCHEDULE OF QUANTITIES

F.A.I. RTE. 90/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 23
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	BY	DATE
NOTE BOOK	ALIGNED		
NO.	FILE NAME		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	GRADES CHECKED		
NO.	STRUCTURE NOTATIONS CHECKED		

FILE NAME = T:\698988\Civil\68955 Monroe Street\Plotting\Print Export\0168095-shr-SCHEDULE-82.dwg

### ROADWAY SCHEDULE

ROADWAY LOCATION	AGGREGATE SUBGRADE IMPROVEMENT 12"	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SUBBASE GRANULAR MATERIAL, TYPE B 8"	PORTLAND CEMENT CONCRETE BASE COURSE 10"	BITUMINOUS MATERIALS (TACK COAT)	LEVELING BINDER (MACHINE METHOD), N70	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	DETECTABLE WARNINGS (SPECIAL)	CONCRETE CURB, TYPE B	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24	HOT-MIX ASPHALT SHOULDERS, 6"	COMBINATION CURB AND GUTTER TYPE B V.12 (CDO)	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL	FENCE (SPECIAL)	TEMPORARY PAVEMENT	
	SO YD	SO YD	SO YD	SO YD	SO YD	POUND	TON	TON	SO YD	SO YD	SO YD	SO YD	SO FT	SO FT	FOOT	FOOT	FOOT	SO YD	FOOT	SO FT	FOOT	SO YD	
MONROE ST		861	1,823		1,576	1,324	132	154	93			158	4,660	68					676	1,293	39		
NB I-90/94		387		51													183	426					72
SB I-90/94		167		65														184					151
MONROE ST EXIT RAMP	229	33				157					188					146							
ALLEY		102								97					55								
<b>ROADWAY TOTALS</b>	229	1550	1823	116	1576	1481	132	154	93	97	188	158	4660	68	55	146	183	610	676	1293	39	223	

### TREE SCHEDULE

STATION	OFFSET (FEET)	LT/RT	NO. STEMS	SIZE DIAMETER	TREE REMOVAL 6-15 UNITS DIAMETER	TREE REMOVAL (OVER 15 UNITS IN DIAMETER)	TREE PRUNING 1-10 INCH DIAMETER	TREE ROOT PRUNING	TEMPORARY FENCE	TREE GRATES
				INCH	UNIT	UNIT	EACH	EACH	FOOT	EACH
NORTHBOUND I-90/94										
29+89.25	120.90	RT	1	20		20				
30+29.52	125.79	RT	1	12	12					
30+75.44	117.86	RT	1	15	15					
31+48.13	117.96	RT	1	18		18				
SOUTHBOUND I-90/94										
31+63.02	103.22	LT	1	30		30				
31+48.76	115.54	LT	1	8	8					
MONROE STREET										
8409+87.03	25.43	RT	1	8			1	1	20	1
8410+17.87	25.77	RT	1	6			1	1	20	1
8410+44.38	25.41	RT	1	6			1	1	20	1
8410+49.82	25.83	RT	1	8			1	1	20	1
8409+92.97	25.64	LT	1	6			1	1	20	1
8410+18.07	25.63	LT	1	4			1	1	20	1
8410+43.02	25.58	LT	1	6			1	1	20	1
8410+68.21	25.35	LT	1	2			1	1	20	1
8410+97.85	25.07	LT	1	2			1	1	20	1
8411+23.09	25.47	LT	1	4			1	1	20	1
8416+04.09	25.11	LT	1	2			1	1	20	1
<b>TOTALS</b>					35	68	11	11	220	11



USER NAME = ahmedmm	DESIGNED - MMA	REVISED -
	DRAWN - MMA	REVISED -
PLOT SCALE = 1"=50'	CHECKED - RT	REVISED -
PLOT DATE = 6/29/2017	DATE - 06/30/2017	REVISED -

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

#### SCHEDULE OF QUANTITIES

SCALE: N.T.S. SHEET NO. 2 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 90/94	2014-016R&B	COOK	378	24
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	



**EARTHWORK SCHEDULE**

LOCATION	FROM STATION	TO STATION	EARTH EXCAVATION	•EMBANKMENT	•EXCAVATION TO BE USED IN EMBANKMENT (15% SHRINKAGE)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS		•EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	
			CU. YD	CU. YD	CU. YD	EXISTING TOPSOIL	UNDERCUT	CU. YD	
I90/94 NB Wall 29	6345+25.00	6345+50.00	25.4	1.4	1.6	6.2		23.8	
	6345+50.00	6345+60.43	39.6	0.5	0.6	6.4		39.0	
	6345+60.43	6345+68.05	37.7	0.2	0.5	6.6		37.2	
	6345+68.05	6345+75.00	33.4	0.4	0.5	6.0		32.9	
	6345+75.00	6346+00.00	88.4	1.1	1.3	23.1		87.1	
	6346+00.00	6346+25.00	91.9	1.2	1.4	20.8		90.5	
	6346+25.00	6346+50.00	93.0	1.1	1.3	20.8		91.7	
	6346+50.00	6346+75.00	99.4	0.9	1.0	20.0		98.4	
	6346+75.00	6347+00.00	102.5	1.0	1.2	19.3		101.3	
	6347+00.00	6347+16.15	61.3	1.9	2.2	12.4		59.1	
MONROE ST.	8409+80.00	8410+00.00	16.7	0.0	0.0	0.0		16.7	
	8410+00.00	8410+45.44	44.6	0.0	0.0	0.0		44.6	
	8410+45.44	8410+50.00	4.0	0.0	0.0	0.0		4.0	
	8410+50.00	8411+00.00	45.4	0.0	0.0	0.0		45.4	
	8411+00.00	8411+26.16	23.7	0.0	0.0	0.0		23.7	
	8411+26.16	8411+36.68	7.1	0.0	0.0	0.0		7.1	
	8411+36.68	8411+50.00	6.3	1.7	2.0	0.0		4.3	
	8411+50.00	8411+98.30	11.6	24.2	27.8	0.0		-16.2	
	BRIDGE OMISSION								
	8415+16.38	8417+05.00							
	8415+16.38	8415+50.00	4.4	29.3	33.7			-29.3	
	8415+50.00	8415+53.06	0.9	3.0	3.5			-2.6	
	8415+53.06	8416+00.00	29.6	26.1	30.0			-0.4	
	8416+00.00	8416+19.88	18.0	0.0	0.0			18.0	
	8416+19.88	8416+36.66	15.8	0.0	0.0			15.8	
	8416+36.66	8416+50.00	14.3	0.0	0.0			14.3	
	8416+50.00	8416+69.24	21.7	0.0	0.0			21.7	
	8416+69.24	8417+00.00	34.7	0.0	0.0			34.7	
	8417+00.00	8417+03.00	2.8	0.0	0.0			2.8	
	8417+03.00	8417+05.00	1.6	0.0	0.0			1.6	
	ESTIMATED UNDERCUT (NOTE 4)						30.2		
	EARTHWORK TOTALS			976	94	109	142	30	867

•SEE NOTES BELOW

- NOTES:  
 1. ESTIMATED SHRINKAGE FACTOR 15%  
 2. APPROXIMATE EMBANKMENT QUANTITY IS SHOWN FOR INFORMATION ONLY.  
 3. APPROXIMATE EARTHWORK BALANCE IS SHOWN FOR INFORMATION ONLY.  
 4. REMOVAL OF UNSUITABLE MATERIALS IS INTENDED FOR TOPSOIL AND AN ESTIMATED 25' OF UNDERCUT 2' DEEP ON EACH MONROE ST. APPROACH. TOPSOIL DEPTH WAS ESTIMATED AT 4" THICKNESS.  
 5. WHERE AN ITEM IS DENOTED WITH AN ASTERISK (\*), IT IS NOT A PAY ITEM.

PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	ALIGNMENT CHECKED	
	FIELD FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	GRADES CHECKED	BY
	STRUCTURE NOTATIONS CHECKED	

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USER NAME = Kucharski	DESIGNED - MMA	REVISED -
PLOT SCALE = 1"=50'	DRAWN - MMA	REVISED -
PLOT DATE = 4/18/2017	CHECKED - RT	REVISED -
	DATE - 05/02/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCALE: NONE	SHEET NO. 3 OF 3 SHEETS	STA. TO STA.
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SCHEDULE OF QUANTITIES

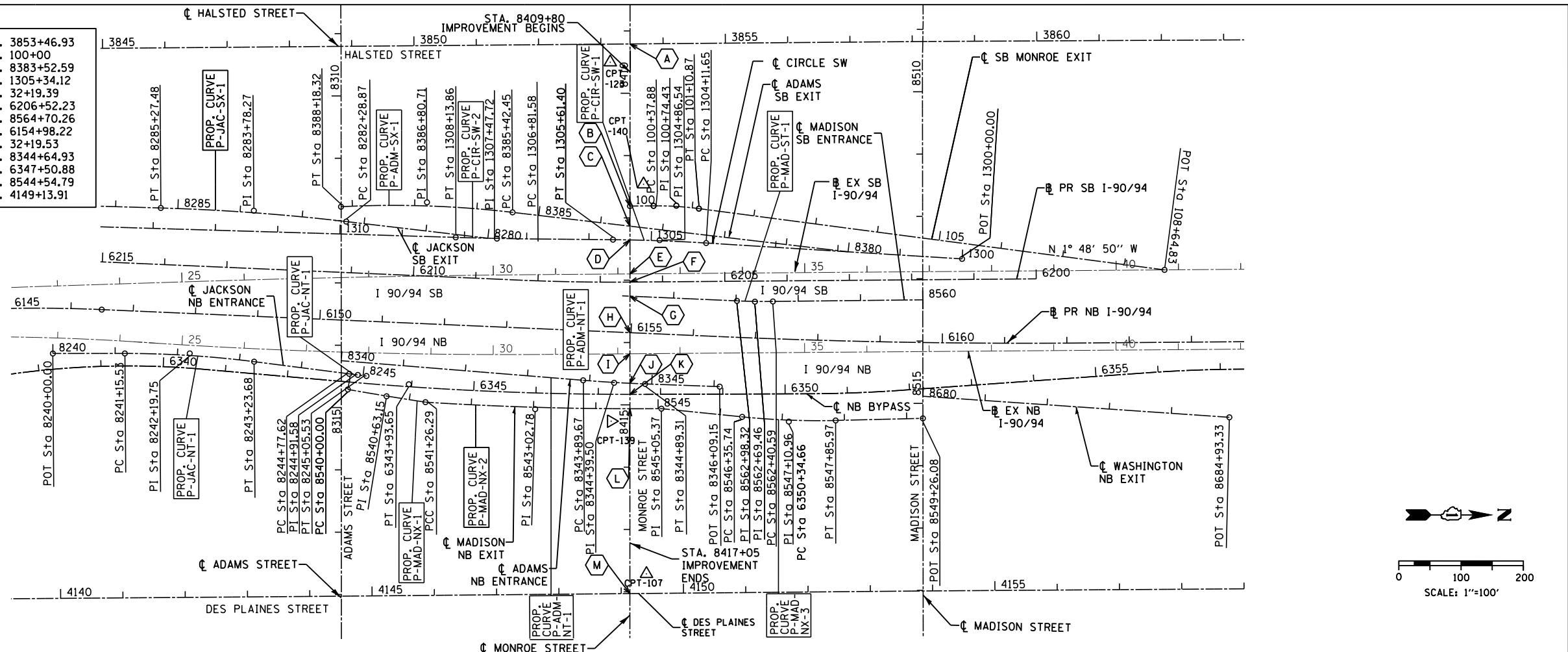
F.A.I. RTE. 90/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 25
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	

STATION EQUATION

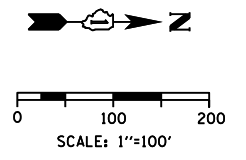
A	P-MON-CL	STA. 8409+20.90	P-HAL-CL	STA. 3853+46.93
B	P-MON-CL	STA. 8411+81.06	E-MON-SX	STA. 100+00
C	P-MON-CL	STA. 8412+13.27	P-ADM-SX	STA. 8383+52.59
D	P-MON-CL	STA. 8412+35.37	P-CIR-SW	STA. 1305+34.12
E	P-MON-CL	STA. 8412+89.87	E-KBR-SB	STA. 32+19.39
F	P-MON-CL	STA. 8413+03.00	P-KBR-SB	STA. 6206+52.23
G	P-MON-CL	STA. 8413+25.61	P-MAD-ST	STA. 8564+70.26
H	P-MON-CL	STA. 8413+84.17	P-KDR-NB	STA. 6154+98.22
I	P-MON-CL	STA. 8414+18.03	E-KDR-NB	STA. 32+19.53
J	P-MON-CL	STA. 8414+65.35	P-ADM-NT	STA. 8344+64.93
K	P-MON-CL	STA. 8414+83.22	P-NCD-NX	STA. 6347+50.88
L	P-MON-CL	STA. 8415+06.22	P-MAD-NX	STA. 8544+54.79
M	P-MON-CL	STA. 8418+02.82	P-DES-CL	STA. 4149+13.91

PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NOTE BOOK NO.	
	FILE NAME	

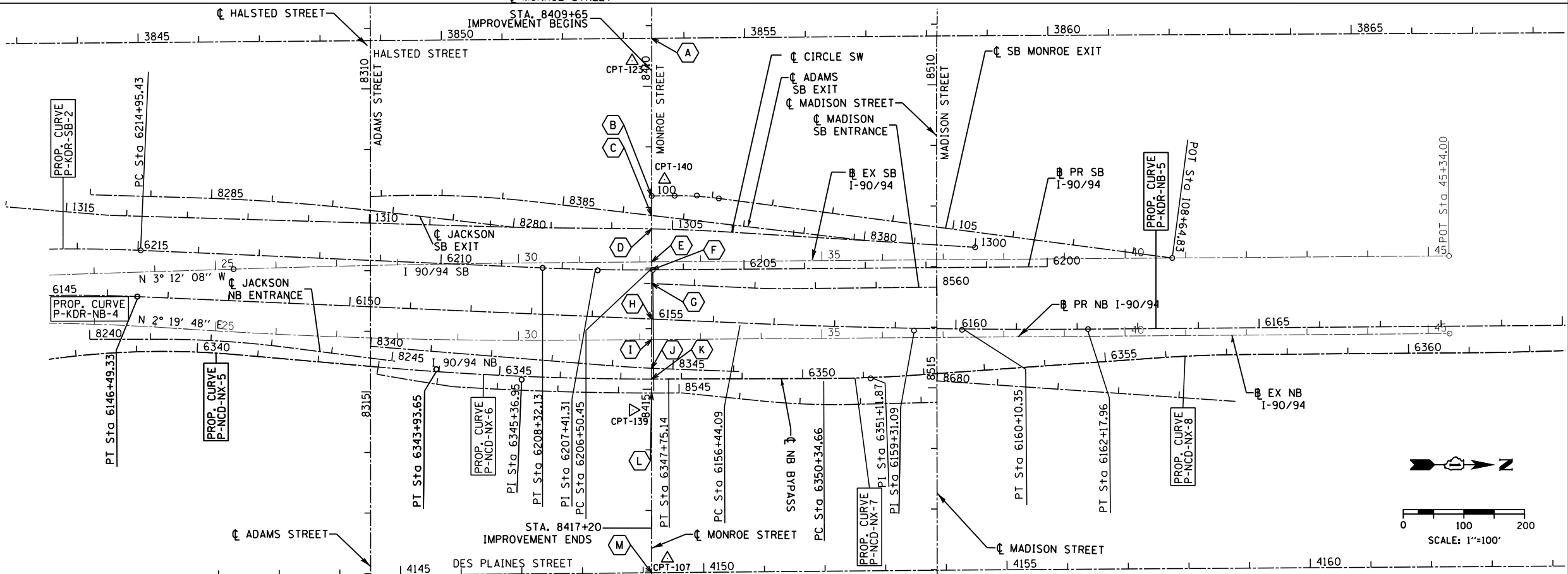
STATION EQUATION POINT



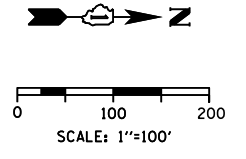
FOR CLARITY, THIS VIEW SHOWS RAMP BASELINE DATA.



PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NOTE BOOK NO.	
	FILE NAME	



FOR CLARITY, THIS VIEW SHOWS MAINLINE AND C-D BASELINE DATA.



USER NAME = Kucharski	DESIGNED - MMA	REVISED -
DRAWN - MMA	REVISED -	
CHECKED - RT	REVISED -	
DATE - 05/02/2017	REVISED -	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

SCALE: SHEET NO. 1 OF 2 SHEETS STA. TO STA.

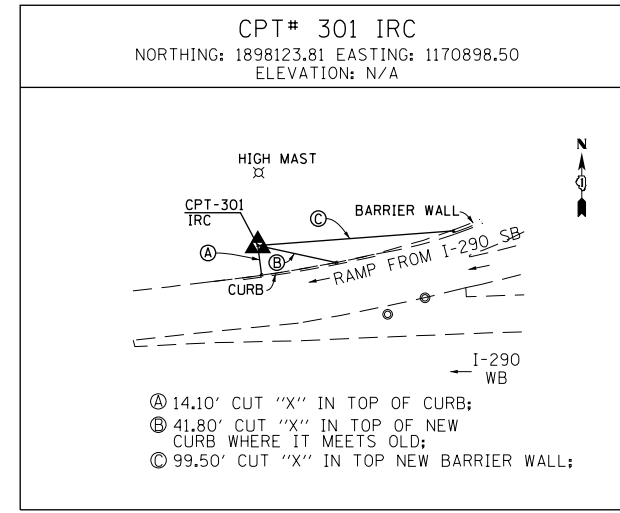
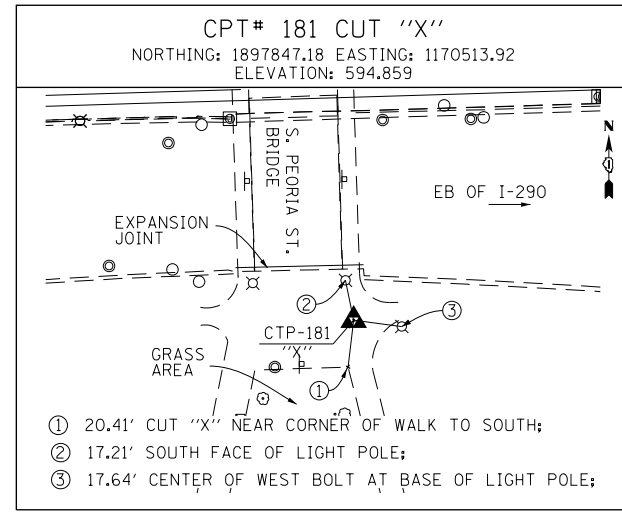
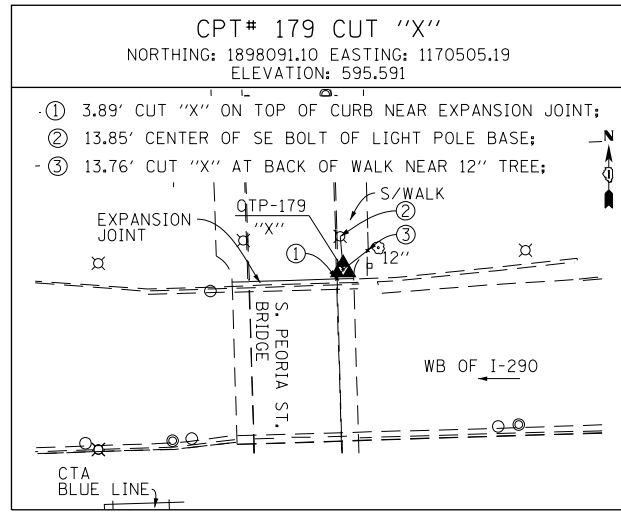
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 90/94	2014-016R&B	COOK	373	26
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	

FILE NAME = T:\169988\G:\1\68\95 Monroe Streets\Plotting\Print Export\169988-shr-ATB-01.dgn

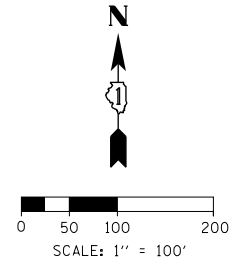
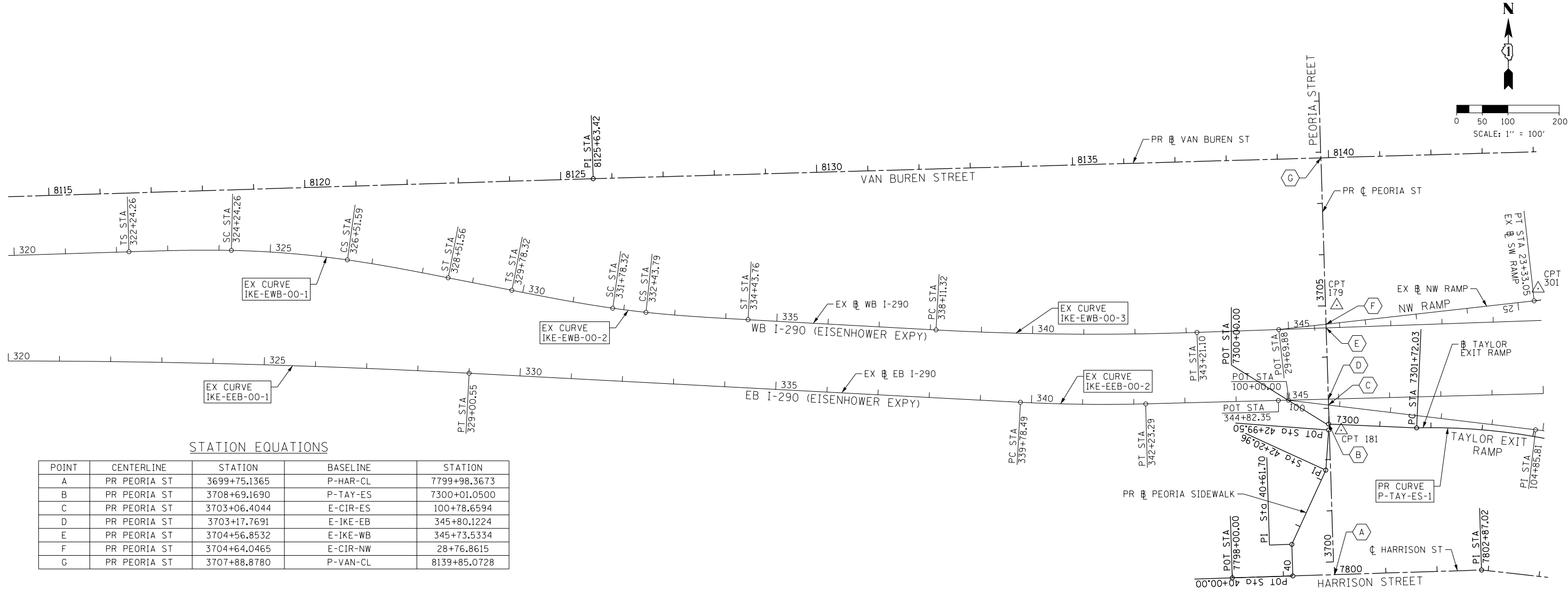
PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	CHECKED	
	ALIGNED	
	FIELD	
	FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	CHECKED	
	GRADES	
	STRUCTURE	
	NOTATIONS	
	CHKD	

FILE NAME = c:\pwork\king\accm00\1\_janachione\0162092-2-Sht.-ATB-01.dgn



BENCHMARKS		
MONUMENT	ELEVATION	DESCRIPTION
BM 1100	582.6782	SET "X" @ CL OF EAST PIER @ CL OF VAN BUREN ST.
BM 1140	579.3332	SET "X" ON WESTERLY JAYWALL OF I-90 @ CL OF VAN BUREN ST.
BM 1141	575.1320	SET "X" ON WESTERLY JAYWALL OF I-90 @ CL OF OUTBOUND I-290 OVERPASS.
BM 1142	575.9003	SET "X" ON WESTERLY JAYWALL OF I-90 @ CL OF INBOUND I-290 OVERPASS.
BM 1143	580.1100	SET "X" ON WESTERLY JAYWALL OF I-90 ±35' SOUTH OF HARRISON ST. OVERPASS.
BM 1144	585.7601	CHISEL "X" ON OVERHEAD SIGN BOLT, SIGN #D1, W. SIDE OF HARRISON. (CENTER OF 3 EAST BOLTS)
BM 1145	586.1391	CHISEL "X" ON WESTERLY BOLT OF H.M.L.P. CL OF I-90 ± 200' S. OF PUMP/LIFT STATION.
BM 1146	582.9574	SET "X" ON WESTERLY JAYWALL OF I-90 WESTBOUND ± OPPOSITE SIGN #D4
BM 1147	579.4454	SET "X" ON WESTERLY JAYWALL OF ACCIDENT INVESTIGATION SITE ±35' N. OF E. I-90/94 SIGN.
BM 1345	594.1988	"+" CUT WSW FLANGE BOLT FH W. SIDE DES PLAINES ST. ±200' S. OF S HARRISON ST.



STATION EQUATIONS

POINT	CENTERLINE	STATION	BASELINE	STATION
A	PR PEORIA ST	3699+75.1365	P-HAR-CL	7799+98.3673
B	PR PEORIA ST	3708+69.1690	P-TAY-ES	7300+01.0500
C	PR PEORIA ST	3703+06.4044	E-CIR-ES	100+78.6594
D	PR PEORIA ST	3703+17.7691	E-IKE-EB	345+80.1224
E	PR PEORIA ST	3704+56.8532	E-IKE-WB	345+73.5334
F	PR PEORIA ST	3704+64.0465	E-CIR-NW	28+76.8615
G	PR PEORIA ST	3707+88.8780	P-VAN-CL	8139+85.0728



USER NAME = vjanachione	DESIGNED - JLV	REVISED -
DRAWN - BAW	REVISED -	
CHECKED - JMG	REVISED -	
DATE - 7/14/2017	REVISED -	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1" = 100' SHEET NO. 2A OF 2 SHEETS STA. 320+00 TO STA. 350+00

F.A.I. RTE. 90/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 26A
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X95	

**EXISTING CURVE DATA**

EXIST. CURVE IKE-EWB-00-1 PI STA. = 325+38.06 Δ = 6° 49' 10" (RT) D = 3° 00' 00" R = 1,909.89' T = 113.80' L = 227.32' E = 3.39' P.C. STA. = 324+24.26 P.T. STA. = 326+51.59	PI Sta. 323+57.62 Δs = 2° 59' 59.83" Ds = 2° 59' 59.83" T1 = 133.35' T2 = 66.68' Rs = 1,909.89' Ls = 200.00' 322+24.26 324+24.26	PI Sta. 327+18.26 Δs = 2° 59' 58.21" Ds = 2° 59' 59.83" T1 = 133.33' T2 = 66.67' Rs = 1,909.89' Ls = 199.97' 326+51.59 328+51.56	EXIST. CURVE IKE-EWB-00-2 PI STA. = 332+11.06 Δ = 1° 57' 51" (LT) D = 3° 00' 00" R = 1,909.89' T = 32.74' L = 65.47' E = 0.28' P.C. STA. = 331+78.32 P.T. STA. = 332+43.79	PI Sta. 331+11.67 Δs = 2° 59' 59.83" Ds = 2° 59' 59.83" T1 = 133.35' T2 = 66.68' Rs = 1,909.89' Ls = 200.00' 329+78.32 331+78.32	PI Sta. 333+10.47 Δs = 2° 59' 58.21" Ds = 2° 59' 59.83" T1 = 133.33' T2 = 66.67' Rs = 1,909.89' Ls = 199.97' 332+43.79 334+43.76	EXIST. CURVE IKE-EWB-00-3 PI STA. = 340+66.38 Δ = 5° 05' 52" (LT) D = 1° 00' 00" R = 5,729.58' T = 255.06' L = 509.78' E = 5.67' P.C. STA. = 338+11.32 P.T. STA. = 343+21.10
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EXIST. CURVE IKE-EEB-00-1 PI STA. = 321+86.75 Δ = 4° 45' 41" (RT) D = 0° 20' 00" R = 17,188.74' T = 714.62' L = 1,428.42' E = 14.85' P.C. STA. = 314+72.13 P.T. STA. = 329+00.55	EXIST. CURVE IKE-EEB-00-2 PI STA. = 341+00.95 Δ = 4° 29' 17" (LT) D = 1° 50' 00" R = 3,125.22' T = 122.46' L = 244.80' E = 2.40' P.C. STA. = 339+78.49 P.T. STA. = 342+23.29	EXIST. CURVE IKE-EEB-00-3 PI STA. = 354+82.42 Δ = 2° 27' 30" (LT) D = 1° 00' 00" R = 5,729.65' T = 122.93' L = 245.82' E = 1.32' P.C. STA. = 353+59.49 P.T. STA. = 356+05.32
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EXIST. CURVE CIR-EES-00-1 PI STA. = 107+84.38 Δ = 40° 04' 47" (RT) D = 11° 27' 32" R = 500.01' T = 182.38' L = 349.77' E = 32.22' P.C. STA. = 106+02.00 P.T. STA. = 109+51.77	EXIST. CURVE CIR-ENW-00-3 PI STA. = 22+66.58 Δ = 37° 04' 01" (RT) D = 19° 53' 40" R = 288.00' T = 96.55' L = 186.32' E = 15.75' P.C. STA. = 21+70.03 P.T. STA. = 23+56.35
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**PROPOSED CURVE DATA**

PROP. CURVE P-TAY-ES-1  
PI STA. = 7303+20.62  
Δ = 14° 41' 14" (RT)  
D = 4° 58' 09"  
R = 1,153.00'  
T = 148.59'  
L = 295.56'  
E = 9.54'  
e = N/A  
T.R. = N/A  
S.E. RUN = N/A  
P.C. STA. = 7301+72.03  
P.T. STA. = 7304+67.59

**EXISTING ALIGNMENTS**

EX WB I-290 (EISENHOWER EXPY)				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		293+90.95	1,898,109.2305	1,165,314.6967
TS	IKE-EWB-00-1B	322+24.26	1,898,195.6075	1,168,146.6931
PIS	IKE-EWB-00-1B	323+57.62	1,898,199.6729	1,168,279.9836
SC	IKE-EWB-00-1	324+24.26	1,898,198.2148	1,168,346.6517
PI	IKE-EWB-00-1	325+38.06	1,898,195.7265	1,168,460.4198
CS	IKE-EWB-00-1	326+51.59	1,898,179.7466	1,168,573.0875
PIS	IKE-EWB-00-1A	327+18.26	1,898,170.3839	1,168,639.1010
ST	IKE-EWB-00-1A	328+51.56	1,898,144.7784	1,168,769.9517
TS	IKE-EWB-00-2B	329+78.32	1,898,120.4341	1,168,894.3575
PIS	IKE-EWB-00-2B	331+11.67	1,898,094.8247	1,169,025.2278
SC	IKE-EWB-00-2	331+78.32	1,898,085.4611	1,169,091.2512
PI	IKE-EWB-00-2	332+11.06	1,898,080.8638	1,169,123.6666
CS	IKE-EWB-00-2	332+43.79	1,898,077.3803	1,169,156.2204
PIS	IKE-EWB-00-2A	333+10.47	1,898,070.2861	1,169,222.5160
ST	IKE-EWB-00-2A	334+43.76	1,898,063.0562	1,169,355.6523
PC	IKE-EWB-00-3	338+11.32	1,898,043.1252	1,169,722.6716
PI	IKE-EWB-00-3	340+66.38	1,898,029.2947	1,169,977.3536
PT	IKE-EWB-00-3	343+21.10	1,898,038.1489	1,170,232.2572
TS	IKE-EWB-00-4B	352+47.24	1,898,070.2993	1,171,157.8387
PIS	IKE-EWB-00-4B	353+47.25	1,898,073.7709	1,171,257.7841

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

EX ES RAMP				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		100+00.00	1,897,905.8769	1,170,411.1180
PI		104+85.81	1,897,848.1878	1,170,893.4859
PC	CIR-EES-00-1	106+02.00	1,897,833.1375	1,171,008.7039
PI	CIR-EES-00-1	107+84.38	1,897,812.0320	1,171,189.8610

EX NW RAMP				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
PC	CIR-ENW-00-3	21+70.03	1,898,189.5975	1,171,167.5671
PI	CIR-ENW-00-3	22+66.58	1,898,123.1471	1,171,097.5218
PT	CIR-ENW-00-3	23+56.35	1,898,112.3438	1,171,001.5775
POT		29+69.88	1,898,043.6940	1,170,391.8959

**PROPOSED ALIGNMENTS**

PR TAYLOR EXIT RAMP				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		7300+00.00	1,897,859.3643	1,170,489.3261
PC	P-TAY-ES-1	7301+72.03	1,897,851.8722	1,170,661.1900
PI	P-TAY-ES-1	7303+20.62	1,897,855.7720	1,170,809.7335
PCC	P-TAY-ES-1/P-TAY-ES-2	7304+67.59	1,897,821.8823	1,170,954.4121

PR HARRISON STREET				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		7798+00.00	1,897,559.2104	1,170,301.2209
PI		7802+87.02	1,897,574.4743	1,170,788.0041
PC	P-HAR-CL-1	7805+53.90	1,897,545.0894	1,171,053.2542

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

PR PEORIA STREET				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		3700+00.00	1,897,590.2790	1,170,498.7199
POT		3717+00.00	1,899,287.4618	1,170,446.0167

PR PEORIA SIDEWALK				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		40+00.00	1,897,562.8859	1,170,418.4372
PI		40+63.78	1,897,626.6321	1,170,416.4383
POT		43+00.58	1,897,849.0192	1,170,497.7879

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

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	GRADES CHECKED	BY
	STRUCTURE	
	NOTATIONS CHECKED	

FILE NAME = c:\pwork\king\recom\00\1\_janachone\0162\02-29-17\0162\02-29-17-ATB-02.dgn



USER NAME = vjanachone	DESIGNED - JLV	REVISED -
PLOT SCALE = 200.0000' / in.	DRAWN - BAW	REVISED -
PLOT DATE = 7/11/2017	CHECKED - JMG	REVISED -
	DATE - 7/14/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>ALIGNMENT, TIES AND BENCHMARKS</b>			
SCALE: NONE	SHEET NO. 2B OF 2 SHEETS	STA.	TO STA.

F.A.I. RTE. 90/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 26B
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	

DATE	
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PROF. FILE	
NO.	

PROPOSED I-90/94 (KENNEDY) NB	
PROP. CURVE P-KDR-NB-4	PROP. CURVE P-KDR-NB-5
PI STA. = 6143+87.92	PI STA. = 6159+31.09
$\Delta = 12^\circ 26' 15''$ (RT)	$\Delta = 2^\circ 57' 23''$ (LT)
D = 2° 22' 10"	D = 0° 30' 55"
R = 2,418.00'	R = 11,122.00'
T = 263.48'	T = 286.99'
L = 524.89'	L = 573.86'
E = 14.31'	E = 3.70'
e = 5.00%	e = N/A
T.R. = 80'	T.R. = N/A
S.E. RUN = 268'	S.E. RUN = N/A
P.C. STA. = 6141+24.44	P.C. STA. = 6156+44.09
P.T. STA. = 6146+49.33	P.T. STA. = 6162+17.96
DS = 60	DS = 60
PS = 45	PS = 45

PROPOSED I-90/94 (KENNEDY) SB	
PROP. CURVE P-KDR-SB-2	
PI STA. = 6217+28.62	
$\Delta = 10^\circ 41' 00''$ (LT)	
D = 2° 17' 50"	
R = 2,494.00'	
T = 233.19'	
L = 465.03'	
E = 10.88'	
e = 5.00%	
T.R. = 107'	
S.E. RUN = 268'	
P.C. STA. = 6214+95.43	
P.T. STA. = 6219+60.46	
DS = 60	
PS = 45	

PROPOSED CIRCLE SW RAMP	
PROP. CURVE P-CIR-SW-1	PROP. CURVE P-CIR-SW-2
PI STA. = 1304+86.54	PI STA. = 1307+47.72
$\Delta = 3^\circ 00' 34''$ (LT)	$\Delta = 1^\circ 10' 04''$ (RT)
D = 2° 00' 35"	D = 0° 52' 58"
R = 2,851.00'	R = 6,491.00'
T = 74.89'	T = 66.14'
L = 149.75'	L = 132.28'
E = 0.98'	E = 0.34'
e = 3.00%	e = NC
T.R. = 67'	T.R. = NA
S.E. RUN = 100'	S.E. RUN = NA
P.C. STA. = 1304+11.65	P.C. STA. = 1306+81.58
P.T. STA. = 1305+61.40	P.T. STA. = 1308+13.86
DS = 45	DS = 45
PS = 45	PS = 45

PROPOSED NB BYPASS				
PROP. CURVE P-NCD-NX-4	PROP. CURVE P-NCD-NX-5	PROP. CURVE P-NCD-NX-6	PROP. CURVE P-NCD-NX-7	PROP. CURVE P-NCD-NX-8
PI STA. = 6328+76.78	PI STA. = 6336+57.47	PI STA. = 6345+36.95	PI STA. = 6351+11.87	PI STA. = 6356+55.70
$\Delta = 59^\circ 05' 41''$ (LT)	$\Delta = 35^\circ 13' 41''$ (RT)	$\Delta = 5^\circ 12' 37''$ (LT)	$\Delta = 3^\circ 51' 44''$ (LT)	$\Delta = 3^\circ 37' 03''$ (RT)
D = 14° 08' 50"	D = 4° 12' 24"	D = 1° 05' 35"	D = 2° 30' 07"	D = 2° 31' 27"
R = 405.00'	R = 1,362.00'	R = 5,242.00'	R = 2,290.00'	R = 2,270.00'
T = 229.58'	T = 66.14'	T = 238.51'	T = 77.21'	T = 71.68'
L = 417.72'	L = 837.42'	L = 476.70'	L = 154.36'	L = 143.32'
E = 60.54'	E = 67.00'	E = 5.42'	E = 1.30'	E = 1.13'
e = -----	e = 4.20%	e = NC	e = 3.00%	e = 3.00%
T.R. = -----	T.R. = 41'	T.R. = NA	T.R. = 41'	T.R. = NA
S.E. RUN = -----	S.E. RUN = 87'	S.E. RUN = NA	S.E. RUN = 62'	S.E. RUN = 21'
P.C. STA. = 6326+47.20	P.C. STA. = 6332+25.05	P.C. STA. = 6342+98.44	P.C. STA. = 6350+34.66	P.C. STA. = 6355+84.02
P.T. STA. = 6330+64.91	P.T. STA. = 6340+62.48	P.T. STA. = 6347+75.14	P.T. STA. = 6351+89.02	P.T. STA. = 6357+27.34
DS = 30	DS = 40	DS = 40	DS = 40	DS = 40
PS = 30	PS = 40	PS = 40	PS = 40	PS = 40

PROPOSED MADISON SB ENTRANCE	
PROP. CURVE P-MAD-ST-1	
PI STA. = 8562+69.46	
$\Delta = 3^\circ 07' 15''$ (RT)	
D = 5° 24' 19"	
R = 1,060.00'	
T = 28.88'	
L = 57.74'	
E = 0.39'	
e = NA	
T.R. = NA	
S.E. RUN = NA	
P.C. STA. = 8562+40.59	
P.T. STA. = 8562+98.32	
DS = 30	
PS = 30	

PROPOSED JACKSON NB ENTRANCE	
PROP. CURVE P-JAC-NT-1	PROP. CURVE P-JAC-NT-2
PI STA. = 8242+19.75	PI STA. = 8244+91.58
$\Delta = 7^\circ 19' 00''$ (RT)	$\Delta = 0^\circ 18' 21''$ (LT)
D = 3° 30' 54"	D = 1° 05' 44"
R = 1,630.00'	R = 5,230.00'
T = 104.22'	T = 13.96'
L = 208.15'	L = 27.91'
E = 3.33'	E = 0.02'
e = N/A	e = N/A
T.R. = N/A	T.R. = N/A
S.E. RUN = N/A	S.E. RUN = N/A
P.C. STA. = 8241+15.53	P.C. STA. = 8244+77.62
P.T. STA. = 8243+23.68	P.T. STA. = 8245+05.53
DS = 30	DS = 30
PS = 30	PS = 30

PROPOSED JACKSON SB EXIT	
PROP. CURVE P-JAC-SX-1	
PI STA. = 8283+78.27	
$\Delta = 5^\circ 01' 56''$ (LT)	
D = 1° 41' 07"	
R = 3,400.00'	
T = 149.40'	
L = 298.61'	
E = 3.28'	
e = NC	
T.R. = N/A	
S.E. RUN = N/A	
P.C. STA. = 8282+28.87	
P.T. STA. = 8285+27.48	
DS = 30	
PS = 30	

PROPOSED ADAMS NB ENTRANCE	
PROP. CURVE P-ADM-NT-1	
PI STA. = 8344+39.50	
$\Delta = 2^\circ 32' 55''$ (LT)	
D = 2° 33' 28"	
R = 2,240.00'	
T = 49.83'	
L = 99.64'	
E = 0.55'	
e = N/A	
T.R. = N/A	
S.E. RUN = N/A	
P.C. STA. = 8343+89.67	
P.T. STA. = 8344+89.31	
DS = 30	
PS = 30	

PROPOSED ADAMS SB EXIT	
PROP. CURVE P-ADM-SX-1	
PI STA. = 8386+80.71	
$\Delta = 9^\circ 39' 42''$ (LT)	
D = 3° 30' 08"	
R = 1,636.00'	
T = 138.27'	
L = 275.88'	
E = 5.83'	
e = 2.6%	
T.R. = 48'	
S.E. RUN = 97'	
P.C. STA. = 8385+42.45	
P.T. STA. = 8388+18.32	
DS = 30	
PS = 30	

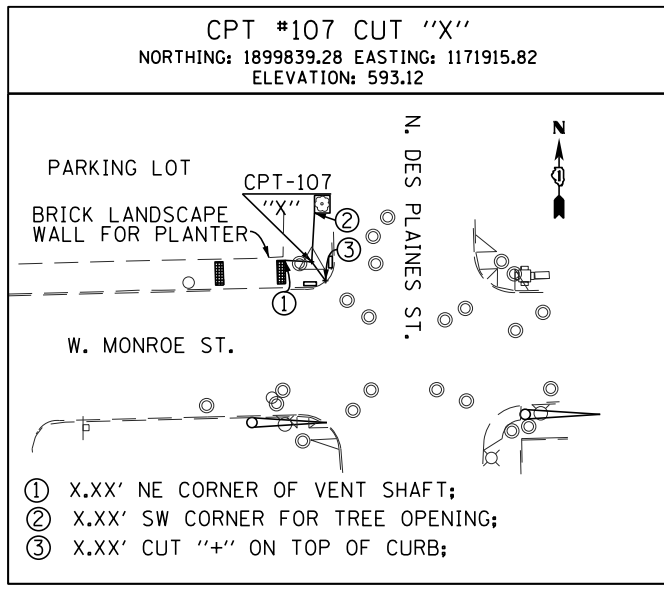
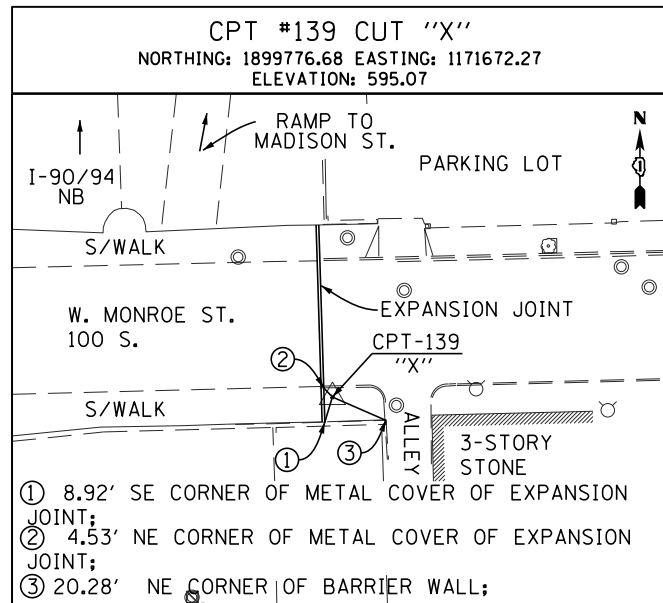
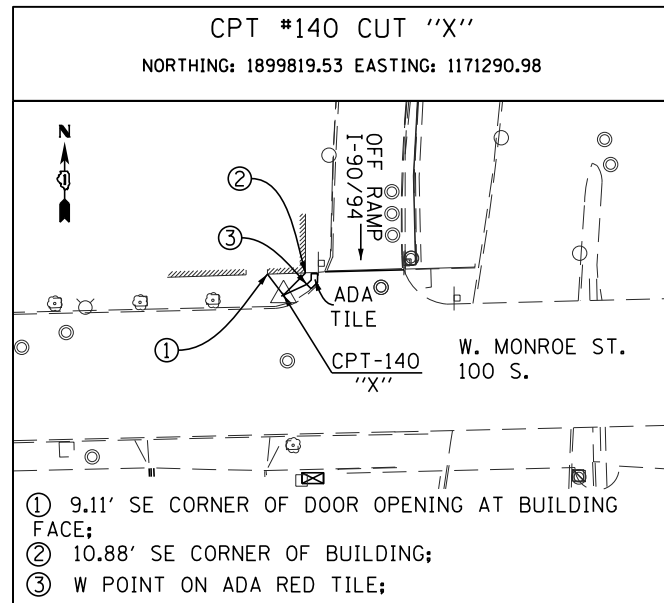
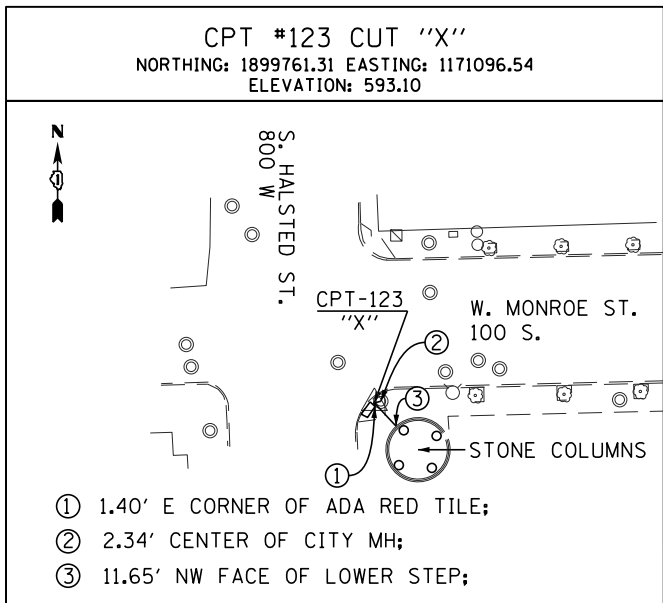
PROPOSED MADISON NB EXIT	
PROP. CURVE P-MAD-NX-2	PROP. CURVE P-MAD-NX-3
PI STA. = 8543+02.78	PI STA. = 8547+10.96
$\Delta = 3^\circ 50' 23''$ (LT)	$\Delta = 7^\circ 10' 23''$ (LT)
D = 1° 05' 18"	D = 4° 46' 29"
R = 5,265.00'	R = 1,200.00'
T = 176.49'	T = 75.21'
L = 352.85'	L = 150.23'
E = 2.96'	E = 2.35'
e = N/A	e = N/A
T.R. = N/A	T.R. = N/A
S.E. RUN = N/A	S.E. RUN = N/A
P.C. STA. = 8541+26.29	P.C. STA. = 8546+35.74
P.T. STA. = 8544+79.14	P.T. STA. = 8547+85.97
DS = 30	DS = 30
PS = 30	PS = 30

EXISTING MONROE SOUTHBOUND EXIT	
EXIST. CURVE E-MON-SX1	
PI STA. = 100+74.43	
$\Delta = 8^\circ 02' 32''$ (RT)	
D = 11° 01' 06"	
R = 520.00'	
T = 36.55'	
L = 72.99'	
E = 1.28'	
e = NA	
T.R. = NA	
S.E. RUN = NA	
P.C. STA. = 100+37.88	
P.T. STA. = 101+10.87	

MONROE STREET SB EXIT RAMP BASELINE				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT	E-MON-SX	STA. 100+00.00	1,899,793.93	1,171,324.95
PC		STA. 100+37.88	1,899,831.79	1,171,323.67
PI		STA. 100+74.43	1,899,868.32	1,171,322.44
PT		STA. 101+10.87	1,899,904.67	1,171,326.33
POT		STA. 108+64.83	1,900,654.35	1,171,406.55

FUTURE CONTRACT (BY OTHERS) CURVE DATA SHOWN FOR INFORMATION ONLY

BENCHMARKS		
MONUMENT	ELEVATION	DESCRIPTION
BM 1103	592.8285	SET "X" SOUTH SIDE OF ADAMS ST @ CL OF I-90/94, PLUS OR MINUS CENTER OF WALK
BM 1110	600.8817	CHISEL "X" ON SOUTH SIDE OF MONROE ST., PLUS OR MINUS CL OF I-90/94 (CENTER OF WALK)
BM 1328	597.5797	CUT BOX ON CONCRETE WALL ON NORTHERLY SIDE OF MONROE ST., EASTERLY OF RAMP FROM EASTBOUND I-90/94
BM 1329	595.9520	CUT BOX ON CONCRETE WALL ON NORTHERLY SIDE OF ADAMS ST., EASTERLY OF RAMP FROM EASTBOUND I-90/94
BM 1391	594.7365	CHISEL "X" ON CHAINBOLT OF FIRE HYDRANT, NORTH SIDE OF MADISON ST., 1ST HYDRANT WEST OF DES PLAINES STREET
BM 1397	599.5348	CUT BOX NORTH LINE OF ADAMS AT NORTHEAST QUADRANT OF I-90/94 WESTBOUND RAMP PLUS OR MINUS 0.8' ABOVE PAVEMENT
BM 1400	594.7606	CHISEL "X" ON CHAIN BOLT OF FIRE HYDRANT, SOUTH SIDE OF MONROE, FIRST FIRE HYDRANT WEST OF DES PLAINES STREET



SCALE: 1"=100'

PARSONS BRINCKERHOFF

USER NAME = Kucharski	DESIGNED - MMA	REVISED -
PLOT SCALE = 1"=100'	DRAWN - MMA	REVISED -
PLOT DATE = 4/18/2017	CHECKED - RT	REVISED -
	DATE - 05/02/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

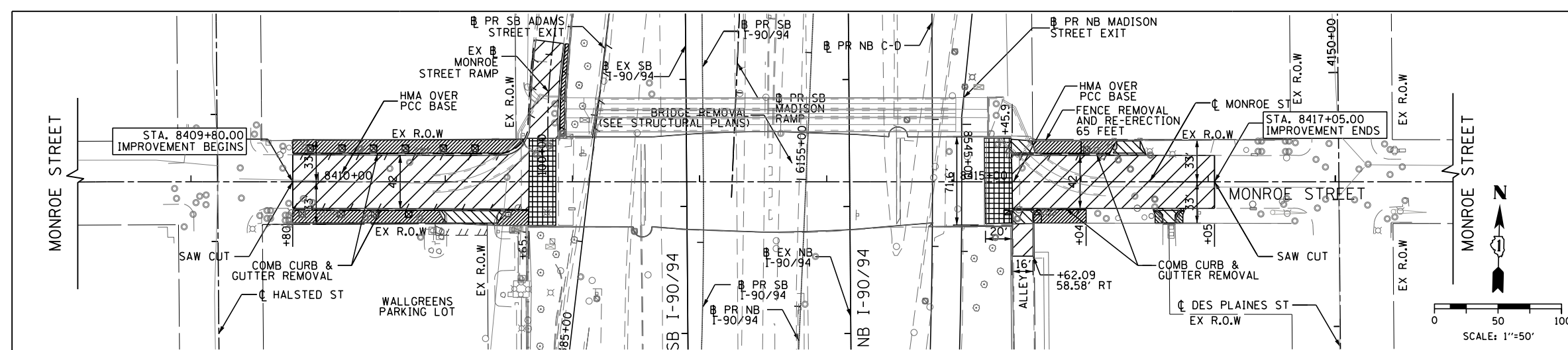
ALIGNMENT, TIES AND BENCHMARKS

SCALE: SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.I. RTE. 90/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 373	SHEET NO. 27
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	

FILE NAME = T:\168988\Civil\68988\Monroe Street\Plotting\Print\Export\168988-shr-ATB-02.dgn

DATE	
BY	
PLAN	SURVEYED
	NOTED
	ALIGNED
	CHECKED
	FILED
	NO.



**REMOVAL**

- PAVEMENT REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- APPROACH SLAB REMOVAL
- TREE GRATE REMOVAL
- LINEAR REMOVAL

**NOTES**

1. SEE SHEETS 89 FOR DRAINAGE REMOVAL AND MOT SHEETS FOR SIGN REMOVAL.
2. SEE PLAN SHEET 29 FOR RAMP REMOVAL INFORMATION.

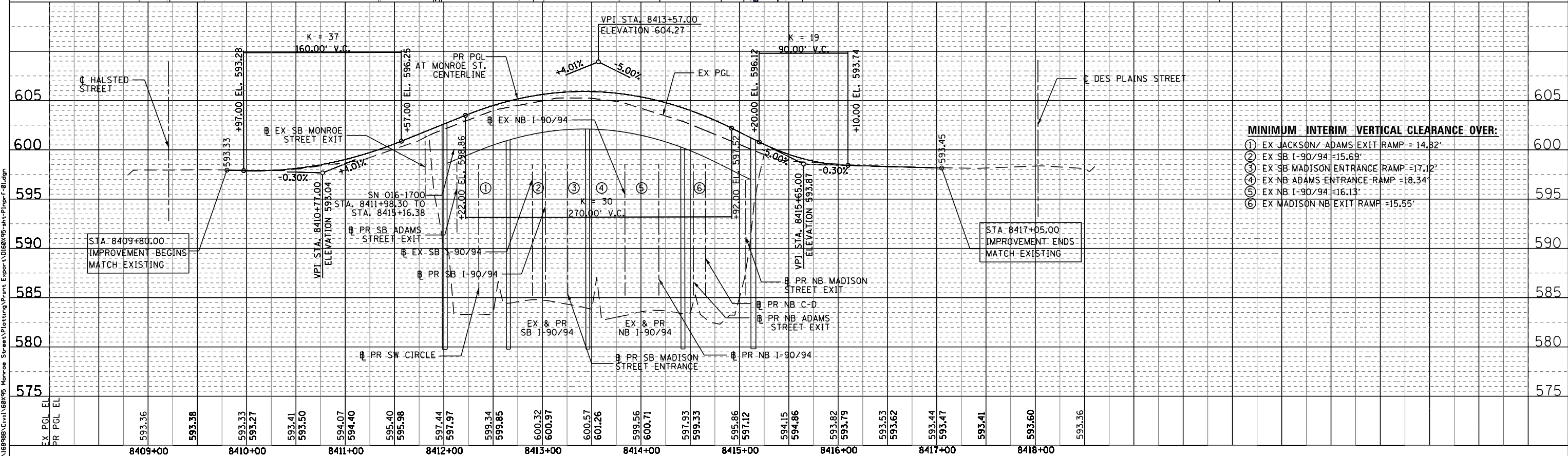
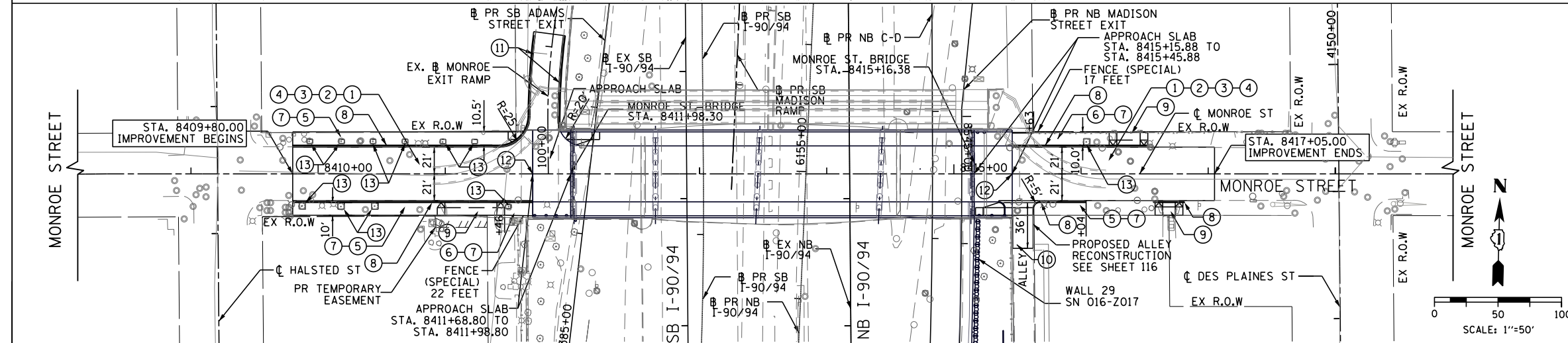
**PROPOSED:**

1. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 3/4"
2. LEVELING BINDER (MACHINE METHOD), N70, 1 1/2"
3. PORTLAND CEMENT CONCRETE BASE COURSE 10"
4. SUB-BASE GRANULAR MATERIAL TYPE B, 6"
5. PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
6. PORTLAND CEMENT CONCRETE SIDEWALK (SPECIAL)
7. SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
8. COMBINATION CURB AND GUTTER TYPE B V.12 (CDOT)
9. PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH
10. PORTLAND CEMENT CONCRETE PAVEMENT, 8 INCH (JOINTED)
11. COMBINATION CURB AND GUTTER TYPE B-6.12
12. PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB
13. TREE GRATES

**NOTES**

1. SEE GRADING PLAN FOR GRADING DETAILS.
2. SEE I-90/94 & EXIT RAMP REMOVAL & PROPOSED PLAN FOR ADDITIONAL MAINLINE & RAMP INFORMATION.
3. SEE ALIGNMENT AND TIES SHEETS FOR CURVE DATA
4. THE STATIONS AND OFFSETS NOTED ON THE MONROE ST. PLAN VIEW ARE BASED OF THE MONROE ST. CENTERLINE.
5. FOR PAVEMENT CONNECTOR (HMA) LIMITS, SEE TYPICAL SECTION SHEET 18

DATE	
BY	
PROFILE	SURVEYED
	NOTED
	GRADES CHECKED
	STRUCTURE NOTATIONS OK'D
	NO.



**MINIMUM INTERIM VERTICAL CLEARANCE OVER:**

1. EX JACKSON/ ADAMS EXIT RAMP = 14.82'
2. EX SB I-90/94 = 15.69'
3. EX SB MADISON ENTRANCE RAMP = 17.12'
4. EX NB ADAMS ENTRANCE RAMP = 18.34'
5. EX NB I-90/94 = 16.13'
6. EX MADISON NB EXIT RAMP = 15.55'

**PARSONS BRINCKERHOFF**

USER NAME = Kucharski	DESIGNED - MMA	REVISED -
PLOT SCALE = 1"=50'	DRAWN - MMA	REVISED -
PLOT DATE = 4/18/2017	CHECKED - RT	REVISED -
	DATE - 05/02/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

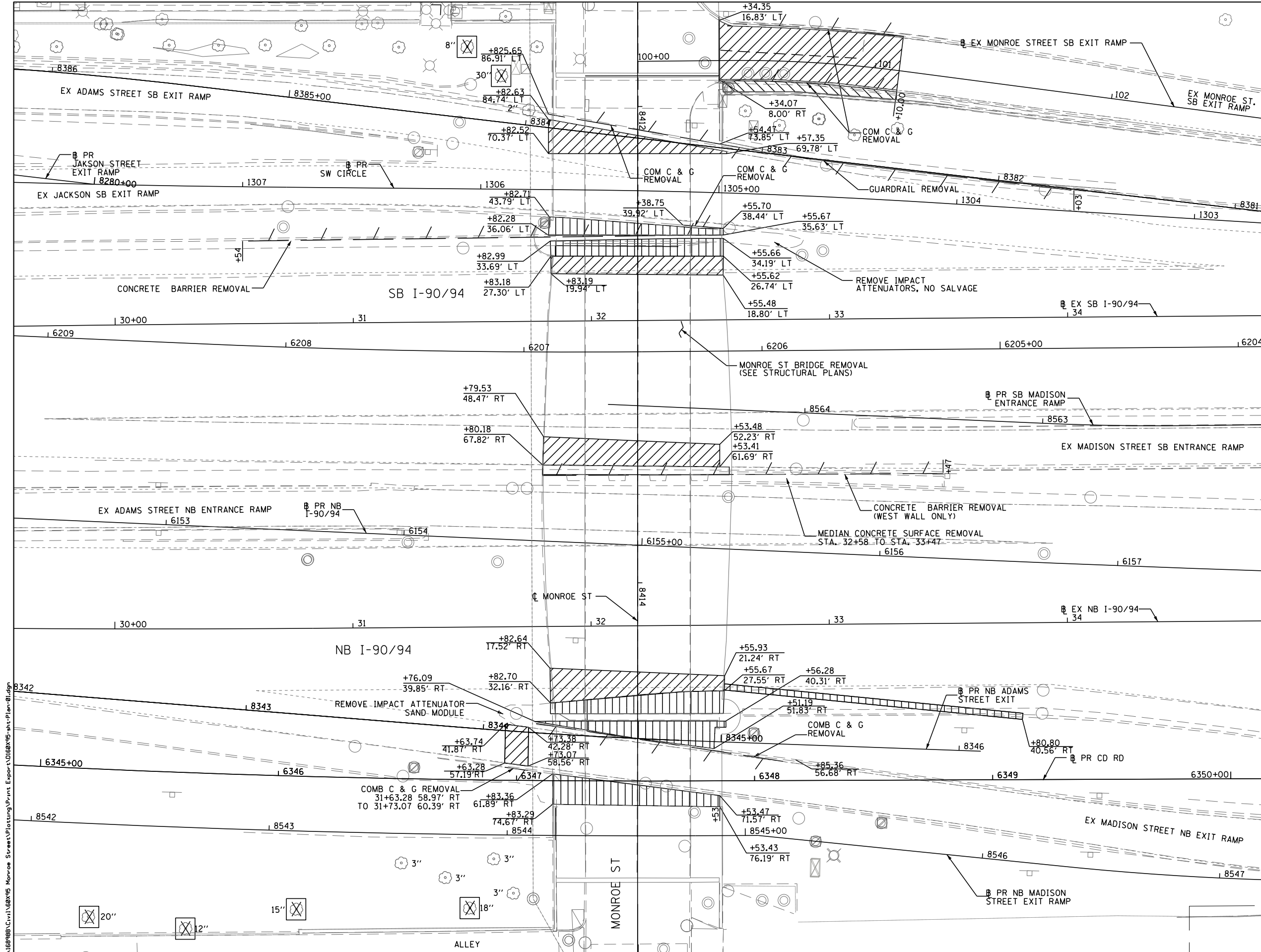
ROADWAY PLAN AND PROFILE	
MONROE STREET	
SCALE: 1"=50'	SHEET NO. 1 OF 3 SHEETS
STA. 8409+20 TO STA. 8418+00	

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 90/94	2014-016R&B	COOK	378	28
				CONTRACT NO. 60X95
ILLINOIS FED. AID PROJECT				



DATE	
BY	
SURVEYED	
PLANNED	
NOTES	
NO.	

DATE	
BY	
SURVEYED	
PLANNED	
NOTES	
NO.	

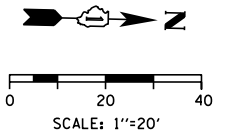


**REMOVAL**

- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- SIDEWALK REMOVAL
- TREE REMOVAL
- LINEAR REMOVAL

**NOTES**

1. ALL STATIONS AND OFFSETS ARE BASED ON NB/SB I-90 AND MONROE ST. EXIT RAMP BASELINES.
2. SEE DRAINAGE SHEETS FOR DRAINAGE REMOVAL AND MOT SHEETS FOR SIGN REMOVAL.
3. SEE PLAN SHEET 28 FOR MONROE ST REMOVAL INFORMATION.



**PARSONS BRINCKERHOFF**

USER NAME = ahmedmm	DESIGNED - MMA	REVISED -
PLOT SCALE = 1"=50'	DRAWN - MMA	REVISED -
PLOT DATE = 6/29/2017	CHECKED - RT	REVISED -
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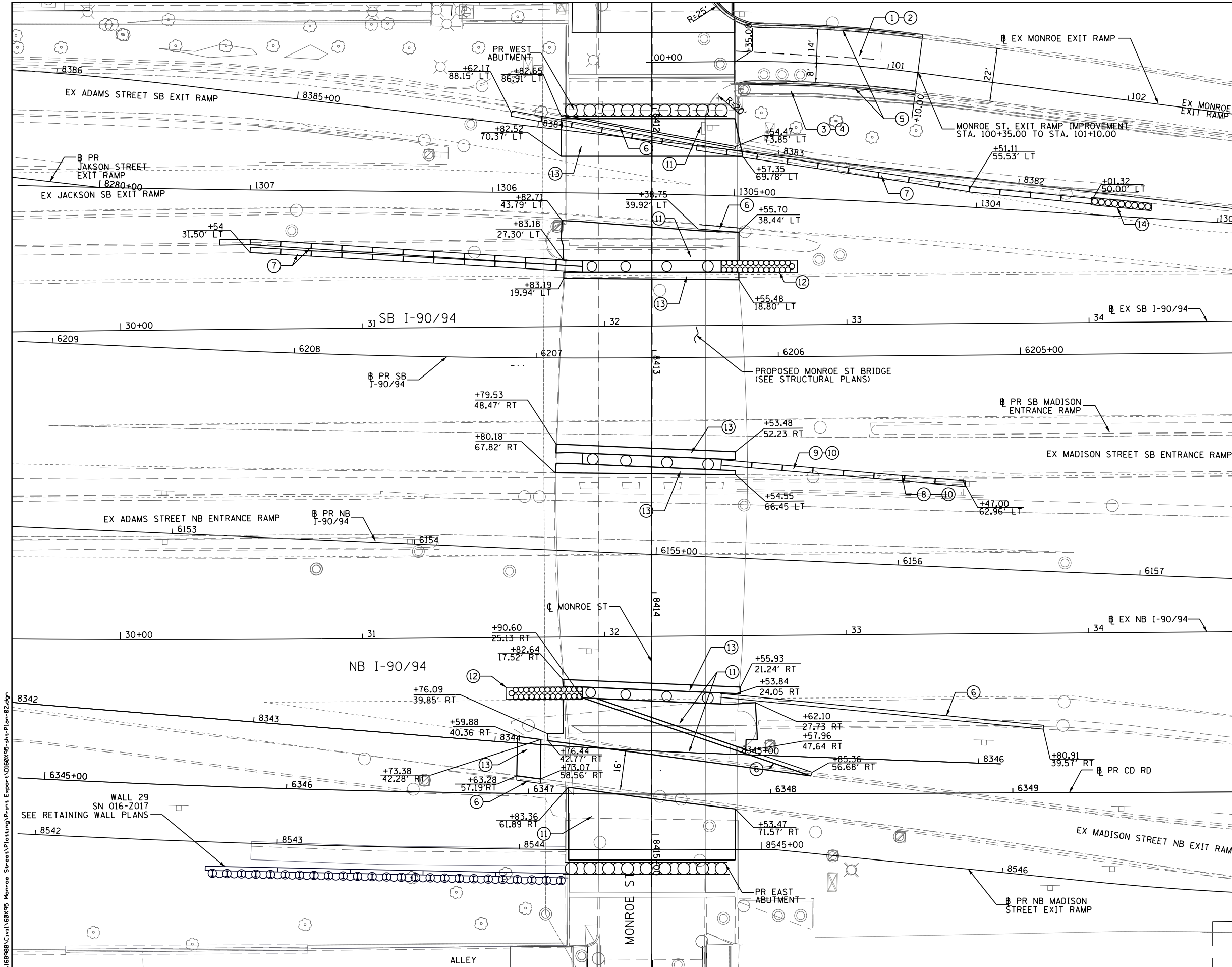
**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

**EXISTING ROADWAY PLAN - I-90/94 AND MONROE ST. SB EXIT RAMP**  
 SCALE: 1"=20' SHEET NO. 2 OF 3 SHEETS STA. 29+67.47 TO STA. 34+71.49

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 90/94	2014-016R&B	COOK	378	29
			CONTRACT NO. 60X95	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
NOTE BOOK	
NO.	



**PROPOSED:**

- ① PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- ② AGGREGATE SUBGRADE IMPROVEMENT 12"
- ③ PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- ④ SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- ⑤ COMBINATION CURB AND GUTTER TYPE B-6.12
- ⑥ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
- ⑦ TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)
- ⑧ CONCRETE BARRIER WALL (SPECIAL)
- ⑨ CONCRETE BARRIER, TRANSITION (SPECIAL)
- ⑩ CONCRETE BARRIER BASE (SPECIAL)
- ⑪ HOT-MIX ASPHALT SHOULDERS, 6"
- ⑫ IMPACT ATTENUATORS (FULLY REDIRECTIVE, WIDE), TEST LEVEL 3
- ⑬ TEMPORARY PAVEMENT
- ⑭ IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3

**NOTES**

- 1. ALL STATIONS AND OFFSETS ARE BASED ON NB/SB I-90 AND MONROE ST. EXIT RAMP BASELINES.
- 2. SEE GRADING PLAN FOR GRADING DETAILS.
- 3. SEE SHEET 28 FOR MONROE ST. REMOVAL & PROPOSED INFORMATION.
- 4. SEE ALIGNMENT AND TIES SHEETS FOR CURVE DATA.
- 5. SEE ROADWAY DETAILS FOR BARRIER WALL TRANSITIONS AT PIER 1, 2 AND 3.



FILE NAME = T:\169988\Civil\68095 Monroe Street\Plotting\Print Export\0168095-shr-Plan-02.dgn

**PARSONS BRINCKERHOFF**

USER NAME = donahuek1	DESIGNED - MMA	REVISED -
PLLOT SCALE = 1"=50'	DRAWN - MMA	REVISED -
PLLOT DATE = 8/31/2017	CHECKED - RT	REVISED -
	DATE - 09/01/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

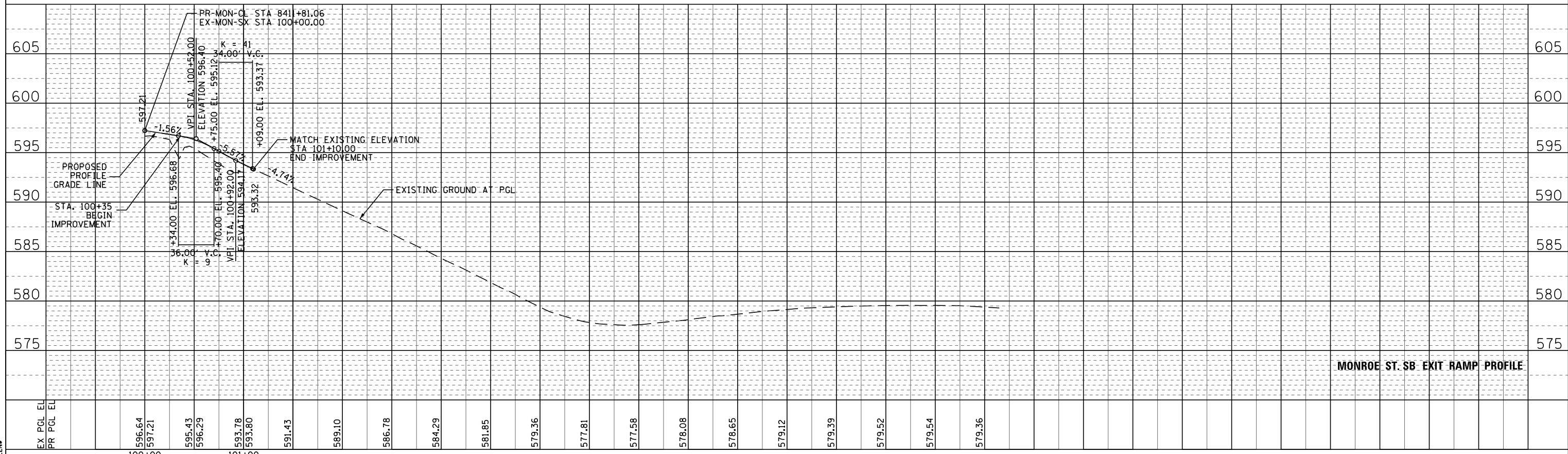
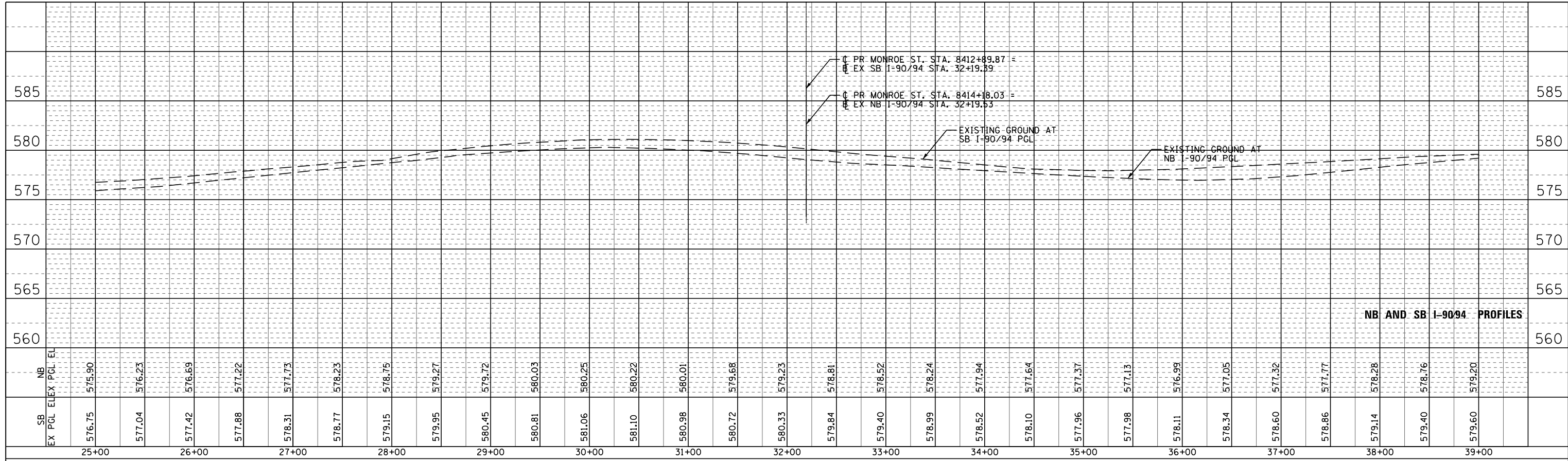
<b>PROPOSED ROADWAY PLAN - I-90/94 AND MONROE ST. SB EXIT RAMP</b>		
SCALE: 1"=20'	SHEET NO. 2 OF 3 SHEETS	STA. 29+67.47 TO STA. 34+64.88

F.A.I. RTE. 90/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 30
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	



PLAN	SURVEYED	BY	DATE
	NOTED		
	ALIGNED		
	CHECKED		
	FILED		
	FILE NAME		

PROFILE	SURVEYED	BY	DATE
	GRADES CHECKED		
	STRUCTURE NOTATIONS OK'D		



FILE NAME = #FILE#

**PARSONS BRINCKERHOFF**

DESIGNED - MMA	REVISED -
DRAWN - MMA	REVISED -
CHECKED - RT	REVISED -
DATE - 05/02/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

I-90/94 AND MONROE STREET - SB EXIT RAMP PROFILE

SCALE: H=1=50; V=1=5

SHEET NO. 3 OF 3 SHEETS

STA. 25+00.00 TO STA. 39+00.00

F.A.I. RTE. 90/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 31
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X95	

**TRAFFIC CONTROL GENERAL NOTES**

1. TRAFFIC CONTROL AND PROTECTION SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 701 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
2. TYPE III BARRICADES AND ROAD/RAMP CLOSURE SIGNS SHALL BE POSITIONED AS SHOWN, ACCORDING TO HIGHWAY STANDARD 701901, DISTRICT DETAIL TC-08, AND AS DIRECTED BY THE ENGINEER.
3. TYPE A LOW INTENSITY FLASHING WARNING LIGHTS SHALL BE USED ON EACH SIGN IN ADVANCE OF THE WORK DURING HOURS OF DARKNESS.
4. ALL WARNING SIGNS SHALL BE A MINIMUM OF 48" x 48" AND HAVE A BLACK LEGEND AND BORDER ON A FLUORESCENT ORANGE REFLECTORIZED BACKGROUND.
5. ALL TYPE III BARRICADES UTILIZED FOR ROAD CLOSURES SHALL HAVE TWO LOW INTENSITY FLASHING LIGHTS MOUNTED ON TOP OF EACH BARRICADE.
6. FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE. THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SANDBAGS ON EACH TYPE I OR II BARRICADE USED.
7. WHERE ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
8. EXACT LOCATION OF ALL WARNING SIGNS AND BARRICADES SHALL BE STAKED IN THE FIELD FOR APPROVAL BY THE ENGINEER PRIOR TO INSTALLATION.
9. PRIOR TO START OF CONSTRUCTION, ALL REQUIRED TRAFFIC CONTROL DEVICES SHALL BE IN PLACE.
10. COOPERATION BETWEEN CONTRACTORS WILL BE REQUIRED. THE CONTRACTOR SHALL COORDINATE TRAFFIC CONTROL WITH OTHER ADJACENT CONTRACTS WHICH MAY BE UNDER CONSTRUCTION DURING THE DURATION OF THIS PROJECT. NO ADDITIONAL COMPENSATION IS ALLOWED. ADJACENT CONTRACTS MAY CONSIST OF, BUT NOT LIMITED TO PROJECTS NEAR:
  - o CONTRACT 60X99 - VAN BUREN STREET BRIDGE
  - o CONTRACT 62A75 - JACKSON BOULEVARD UTILITY ADJUSTMENTS
  - o CONTRACT 60X75 - CONGRESS PARKWAY BRIDGE (EB) AND I-290 EB BRIDGE
  - o CONTRACT 60X76 - I-290 MAINLINE (EB) (I-90/94 TO LOOMIS STREET)
  - o CONTRACT 60X77 - I-290 MAINLINE (WB) (I-90/94 TO RACINE AVE)
  - o CONTRACT 60X78 - CONGRESS PARKWAY BRIDGE (WB) EAST OF DES PLAINES) AND I-290 BRIDGE OVER I-90/94 (WB)
  - o CONTRACT 62B76 - RAMP NE
  - o CONTRACT 62D78 - WB I-290 78" STORM SEWER
  - o CONTRACT 46358 - KENNEDY BLANKET SIGN PANEL REPLACEMENT
  - o AND OTHERS.
11. THE CONTRACTOR SHALL NOTIFY THE ENGINEER 28 DAYS PRIOR TO ANY ANTICIPATED CLOSURES.
12. A MINIMUM 11' LANE WIDTH SHALL BE MAINTAINED ON ALL INTERSTATE LANES OPEN TO TRAFFIC DURING CONSTRUCTION.
13. OFFSETS BETWEEN THE EDGE OF TRAVEL LANE AND THE FACE OF TEMPORARY CONCRETE BARRIER ARE ASSUMED TO BE 2 FT UNLESS DESIGNATED OTHERWISE.
14. THE CONTRACTOR SHALL 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.
15. 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. CDOT AND OEMC SHALL BE NOTIFIED AT LEAST 72 HOURS BEFORE COMMENCING CONSTRUCTION.
16. 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.
17. PROVIDE CONTINUOUS TEMPORARY ACCESS TO ALL DOORS AND BUILDING ENTRANCE AND EXITS UNLESS SPECIFICALLY IDENTIFIED ON THE PLANS FOR TEMPORARY CLOSURE. BUILDINGS WITH MORE THAN ONE ENTRANCE/EXIT MUST BE STAGED TO KEEP ALL ENTRANCE/EXIT OPEN UNLESS WRITTEN APPROVAL IS PROVIDED BY THE BUILDING OWNER.
18. MAINTAIN ACCESS TO FIRE HYDRANTS, BUILDING STANDPIPES AND OTHER EMERGENCY FACILITIES WITHIN THE CONSTRUCTION ZONE.
19. THE CONTRACTOR SHALL COORDINATE WORK WITH PRIVATE UTILITY COMPANIES AND THEIR CONTRACTORS FOR ADJUSTMENTS, SUPPORTS, AND RELOCATION. UTILITY WORK WILL GENERALLY BE CONDUCTED PRIOR TO ROADWAY WORK, BUT CERTAIN ITEMS MAY NEED TO PROCEED IN CONCERT WITH CONSTRUCTION OPERATIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT AFFECTED UTILITIES AND COORDINATE WORK WITHIN THE CONSTRUCTION SCHEDULE. THE EFFORT OF WHICH WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
20. THE CONTRACTOR SHALL CONTACT THE DISTRICT OF ARTERIAL TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 AND THE EXPRESSWAYS TRAFFIC CONTROL SUPERVISOR AT (847) 705-4155 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
21. SIGN W21-1 OR W20-7 SHALL BE TAKEN DOWN WHEN THE WORKERS ARE NOT PRESENT.
22. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ACCESS RESTRICTIONS TO THE SITE AS MAY BE REQUIRED BY THE ENGINEER. IN AREAS WHERE SILT FENCE IS NOT INSTALLED, ORANGE CONSTRUCTION FENCING MAY BE REQUIRED TO RESTRICT ACCESS TO WORK ZONES. THE ENGINEER SHALL BE THE SOLE JUDGE OF THE NEED FOR ACCESS RESTRICTIONS AND THEIR CONFIGURATION. ORANGE CONSTRUCTION FENCING (IF NECESSARY) WILL NOT BE MEASURED SEPARATELY FOR PAYMENT. BUT SHALL BE INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.
23. A 37" 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 37" DEFLECTION AREA CANNOT BE MAINTAINED, THE TEMPORARY CONCRETE BARRIER WALL SHALL BE ANCHORED TO THE PAVEMENT (EXCLUDING BRIDGE DECKS) IN ACCORDANCE WITH THE IDOT SAFETY ENGINEERING POLICY MEMORANDUM 4-15. THIS WORK SHALL BE PAID FOR AS PINNING TEMPORARY CONCRETE BARRIER.
24. ALL TEMPORARY PAVEMENT MARKINGS SHOWING DETERIORATION AFTER 7 DAYS SHALL BE REPLACED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. SUFFICIENT QUANTITIES FOR ONE PLACEMENT AND ONE REPLACEMENT HAVE BEEN PROVIDED FOR EACH STAGE. ALL MARKINGS THAT REQUIRE REPLACEMENT AFTER THE FIRST REPLACEMENT SHALL BE REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE.
25. 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.
26. THE CONTRACTOR SHALL ONLY SET UP AND STORE EQUIPMENT DURING CONSTRUCTION AT THE SUGGESTED STAGING AREAS 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.
27. TYPE III BARRICADES SHALL BE PLACED AT BOTH ENDS OF CLOSED PORTIONS OF ROAD UNDER CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ENOUGH TYPE III BARRICADES TO CROSS THE ENTIRE ROADWAY AS DEPICTED IN THE PLANS.
28. ALL TYPE II/III BARRICADES, DRUMS, AND VERTICAL PANELS SHALL HAVE MONO-DIRECTIONAL OR BI-DIRECTIONAL STEADY BURNING LIGHTS AS PER CURRENT IDOT STANDARDS.
29. 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.
30. ALL TEMPORARY INFORMATION SIGNS SHALL HAVE A BLACK LEGEND AND BORDER ON A FLUORESCENT ORANGE REFLECTORIZED BACKGROUND.
31. FOR MAINTENANCE OF TRAFFIC ALONG PEORIA STREET (SIPHON WORK) SEE SHEET 93F.

PLAN	SUBMITTED	DATE
NOTE BOOK	PLOTTED	BY
NO.	GRADES CHECKED	
	STRUCTURE	
	NOTATRS CHFD	
	FILE NAME	

PROFILE	SUBMITTED	DATE
NOTE BOOK	PLOTTED	BY
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USER NAME = Kucharski	DESIGNED - AMK	REVISED -
	DRAWN - AMK	REVISED -
PLOT SCALE =	CHECKED - RPH	REVISED -
PLOT DATE = 7/13/2017	DATE - 07/14/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN GENERAL NOTES</b>	
SCALE:	SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE. 90/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 32
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	

# STAGING SEQUENCE

## STAGE 1A

### MAINTENANCE OF TRAFFIC ALONG MAINLINE AND RAMPS

- SOUTHBOUND I-90/94
  - o MAINTAIN ALL LANES OF TRAVEL
  - o INSTALL TEMPORARY BARRIER AND TEMPORARY PAVEMENT MARKINGS PER THE PLAN.
  - o TRAVEL LANES WILL BE SHIFTED ONTO THE OUTSIDE SHOULDER AND REDUCED TO 11' LANES. SHOULDERS WILL BE REDUCED TO 1 FOOT.
- SOUTHBOUND MONROE STREET EXIT RAMP
  - o EXISTING RAMP TO REMAIN OPEN. THE TRAVEL LANE WILL BE REDUCED TO 12 FEET. WESTBOUND TURNING TRAFFIC FROM THE RAMP TO MONROE STREET WILL NOT BE ALLOWED. WESTBOUND TRAFFIC WILL UTILIZE PROPOSED DETOUR PLAN.
- SOUTHBOUND MADISON STREET ENTRANCE RAMP
  - o EXISTING RAMP TO REMAIN CLOSED FOR THE DURATION OF THIS STAGE. TRAFFIC TO UTILIZE PROPOSED DETOUR PLAN.
- SOUTHBOUND ADAMS STREET EXIT RAMP
  - o EXISTING RAMP TO REMAIN CLOSED FOR THE DURATION OF THIS STAGE. TRAFFIC TO UTILIZE PROPOSED DETOUR PLAN.
- SOUTHBOUND JACKSON STREET EXIT RAMP
  - o EXISTING RAMP TO REMAIN OPEN. THE TRAVEL LANE WILL BE REDUCED TO 14 FEET.
- SE EXIT RAMP
  - o EXISTING RAMP TO REMAIN OPEN.
- NORTHBOUND I-90/94
  - o MAINTAIN EXISTING NUMBER AND LANE CONFIGURATION
  - o MAINLINE TO UTILIZE TEMPORARY NIGHT LANE CLOSURES FOR DEMOLITION OF MONROE STREET SUPERSTRUCTURE.
- NORTHBOUND JACKSON BOULEVARD ENTRANCE RAMP
  - o EXISTING RAMP TO REMAIN OPEN.
- NORTHBOUND ADAMS STREET ENTRANCE RAMP
  - o EXISTING RAMP TO REMAIN OPEN.
- NORTHBOUND MADISON STREET EXIT RAMP
  - o EXISTING RAMP TO REMAIN OPEN.
- EASTBOUND I-290 AT PEORIA STREET
  - o INSTALL TEMPORARY BARRIER PER PLAN SHEET 93F.
  - o CONTRACTOR COOPERATION AND COORDINATION REQUIRED WITH CONTRACT 60X76.

### MAINTENANCE OF TRAFFIC ALONG LOCAL STREETS

- MONROE STREET
  - o CLOSE THE MONROE STREET BRIDGE APPROACHES TO BOTH VEHICULAR AND PEDESTRIAN TRAFFIC. THE BRIDGE WILL REMAIN CLOSED FOR THE ENTIRE DURATION OF CONSTRUCTION.
  - o MONROE STREET APPROACH SHALL BE CONVERTED INTO LIMITED ACCESS TWO-WAY TRAFFIC.
- o VEHICULAR AND PEDESTRIAN TRAFFIC WILL BE DETOURED UTILIZING THE DETOUR PLAN.
- o MAINTAIN PEDESTRIAN AND VEHICULAR ACCESS TO THE DRIVEWAYS, BUILDINGS, AND ALLEY ALONG MONROE STREET.

### CONSTRUCTION TO BE COMPLETED IN STAGE 1A

#### MAINLINE AND RAMPS

- REMOVE THE EXISTING BRIDGE MOUNTED SIGN PANELS ON MONROE STREET BRIDGE. RELOCATE SIGN STRUCTURES ACCORDING TO THE SIGNING PLAN.
- ALL COMED, AT&T, OUC, OEMC AND 911 EMERGENCY UNIT UTILITIES TO BE RELOCATED BY OTHERS. THE REMOVAL AND REPLACEMENT OF THE EXISTING UTILITIES SHALL BE COORDINATED AND AT THE DISCRETION OF UTILITY AGENCIES.
- REMOVE THE EXISTING WEST ABUTMENT. BEGIN CONSTRUCTION OF THE WEST ABUTMENT.
- REMOVE THE EXISTING CENTER PIER AS SHOWN ON THE PLANS AND CONSTRUCT THE PROPOSED PIER 2 CONSTRUCTION.

#### MONROE STREET

- DEMOLISH THE EXISTING MONROE STREET BRIDGE APPROACHES AND SUPERSTRUCTURE AS SHOWN IN THE PLANS. WORK INCLUDES BUT IS NOT LIMITED TO REMOVAL OF ALL APPURTENANCE FIXTURES ON THE BRIDGE.
- INSTALL TEMPORARY SOIL RETENTION SYSTEMS AS SHOWN ON THE PLANS.

### PEORIA STREET

- BEGIN PEORIA SIPHON LINING WORK. SEE SHEET 93F FOR TRAFFIC CONTROL AND TRAVEL LANE CONFIGURATION.

## STAGE 1A-1

STAGE 1A-1 IS A SUBSTAGE OF STAGE 1A. THE STAGE WILL BE USED FOR THE LIMITED CLOSURE OF NORTHBOUND ADAMS ENTRANCE RAMP FOR THE DEMOLITION OF THE EXISTING CENTER PIER AND THE CONSTRUCTION OF PIER 2.

### MAINTENANCE OF TRAFFIC ALONG MAINLINE AND RAMPS

- MAINLINE AND RAMPS WILL MATCH THE PROPOSED MAINTENANCE OF TRAFFIC EXCEPT FOR NORTHBOUND ADAMS STREET ENTRANCE RAMP.
- NORTHBOUND ADAMS STREET ENTRANCE RAMP
  - o THE RAMP WILL BE FULLY CLOSED FOR A LIMITED DURATION FOR THE DEMOLITION OF THE EXISTING CENTER PIER. TRAFFIC TO UTILIZE PROPOSED DETOUR PLAN.
  - o MINIMIZE TIME OF CLOSURE BY REOPENING THE RAMP IMMEDIATELY UPON COMPLETION OF THE EXISTING PIER 2 DEMOLITION AND CONSTRUCTION ALONG THE INSIDE MEDIAN FACE.
  - o NORTHBOUND JACKSON BOULEVARD ENTRANCE SHALL NOT BE CLOSED DURING STAGE 1A-1.

### MAINTENANCE OF TRAFFIC ALONG LOCAL STREETS

- MONROE STREET
  - o MAINTAIN PROPOSED MAINTENANCE OF THE TRAFFIC FROM STAGE 1A.

### CONSTRUCTION TO BE COMPLETED IN STAGE 1A-1

#### MAINLINE AND RAMPS

- REMOVE THE EXISTING PIER 2 AND SUBSTRUCTRE AS SHOWN ON THE PLANS.
- INSTALL TEMPORARY BARRIER ALONG THE ADAMS ENTRANCE RAMPS AS SHOWN ON THE PLANS.

## STAGE 1B

### MAINTENANCE OF TRAFFIC ALONG MAINLINE AND RAMPS

- SOUTHBOUND I-90/94
  - o MAINTAIN 5 LANES OF TRAVEL.
  - o TRAVEL LANES WILL BE SHIFTED BACK TO MAINLINE PAVEMENT. STAGE 1A LANES ARE MAINTAINED AND AN ADDITIONAL LANE TO BE ADDED ADJACENT TO THE CENTER MEDIAN. TRAFFIC LANES WILL UTILIZE REDUCED TO 11 FOOT LANES. SHOULDERS WILL BE REDUCED TO 1 FOOT.
- SOUTHBOUND MONROE STREET EXIT RAMP
  - o MAINTAIN MAINTENANCE OF TRAFFIC FROM STAGE 1A
- SOUTHBOUND MADISON STREET ENTRANCE RAMP
  - o RAMP TO BE OPENED WITH REDUCED LANE WIDTH AND LANE SHIFT AROUND THE PROPOSED PIER 2. THE TRAVEL LANE WILL BE REDUCED TO 12 FEET.
- SOUTHBOUND ADAMS STREET EXIT RAMP
  - o EXISTING RAMP TO REMAIN CLOSED FOR THE DURATION OF THIS STAGE. MAINTENANCE OF TRAFFIC MATCHES STAGE 1A.
- SOUTHBOUND JACKSON STREET EXIT RAMP
  - o EXISTING RAMP TO REMAIN OPEN. MAINTENANCE OF TRAFFIC MATCHES STAGE 1A.
- SE EXIT RAMP
  - o EXISTING RAMP TO REMAIN OPEN.
- NORTHBOUND I-90/94
  - o MAINTENANCE OF TRAFFIC MATCHES STAGE 1A.
- NORTHBOUND JACKSON BOULEVARD ENTRANCE RAMP
  - o EXISTING RAMP TO REMAIN OPEN. MAINTENANCE OF TRAFFIC MATCHES STAGE 1A.
- NORTHBOUND ADAMS STREET ENTRANCE RAMP
  - o EXISTING RAMP TO REMAIN OPEN. MAINTENANCE OF TRAFFIC MATCHES STAGE 1A.
- NORTHBOUND MADISON STREET EXIT RAMP
  - o EXISTING RAMP TO REMAIN OPEN. MAINTENANCE OF TRAFFIC MATCHES STAGE 1A.
- EASTBOUND I-290 AT PEORIA STREET
  - o MAINTAIN MAINTENANCE OF TRAFFIC FROM STAGE 1A AS NEEDED FOR THE COMPLETION OF THE PEORIA SIPHON LINING.

### MAINTENANCE OF TRAFFIC ALONG LOCAL STREETS

- MONROE STREET
  - o MAINTENANCE OF TRAFFIC TO MATCH STAGE 1A.

### CONSTRUCTION TO BE COMPLETED IN STAGE 1B

#### MAINLINE AND RAMPS

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

### PEORIA STREET

- COMPLETE PEORIA SIPHON LINING.

## STAGE 1B-1

STAGE 1B-1 IS A SUBSTAGE OF STAGE 1B. THE STAGE WILL BE USED FOR THE LIMITED WEEKEND CLOSURE OF SOUTHBOUND JACKSON BOULEVARD ENTRANCE RAMP FOR THE DEMOLITION OF EXISTING PIER 1 AND CONSTRUCTION OF TEMPORARY PAVEMENT AT PIER 1.

### MAINTENANCE OF TRAFFIC ALONG MAINLINE AND RAMPS

- MAINLINE AND RAMPS WILL MATCH THE PROPOSED MAINTENANCE OF TRAFFIC EXCEPT FOR JACKSON BOULEVARD ENTRANCE RAMP.
  - o TRAVEL LANES WILL MATCH STAGE 1B.
- SOUTHBOUND MONROE STREET EXIT RAMP
  - o MAINTAIN MAINTENANCE OF TRAFFIC FROM STAGE 1B.
  - o RAMP SHALL NOT BE CLOSED DURING THIS SUBSTAGE.
- SOUTHBOUND JACKSON BOULEVARD EXIT RAMP
  - o EXISTING RAMP TO BE CLOSED FOR A LIMITED DURATION PER SPECIAL PROVISIONS TO COMPLETE THE DEMOLITION OF PIER 1 AND RECONSTRUCTION OF TEMPORARY PAVEMENT ASSOCIATED WITH THE PIER 1 REMOVAL. TRAFFIC TO UTILIZE PROPOSED DETOUR PLAN.
  - o MINIMIZE TIME OF CLOSURE BY REOPENING THE RAMP IMMEDIATELY UPON COMPLETION OF WORK.
  - o INSTALL TEMPORARY BARRIER AND DETOUR PLAN.

### MAINTENANCE OF TRAFFIC ALONG LOCAL STREETS

- MONROE STREET
  - o MAINTENANCE OF TRAFFIC TO MATCH STAGE 1B.

### CONSTRUCTION TO BE COMPLETED IN STAGE 1B-1

#### MAINLINE AND RAMPS

- CONTINUE REMOVAL AND CONSTRUCTION OF THE WEST ABUTMENT.
- DEMOLITION OF THE EXISTING PIER 1 AS SHOWN IN THE PLANS.
- CONSTRUCTION OF TEMPORARY PAVEMENT AND OTHER ASSOCIATED ITEMS DUE TO THE REMOVAL OF PIER 1.

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	BY	

PROFILE	SUBMITTED	DATE
NOTE BOOK NO.	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	BY	

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USER NAME = donahuek1	DESIGNED - AMK	REVISED -
PLOT SCALE =	DRAWN - AMK	REVISED -
PLOT DATE = 8/30/2017	CHECKED - RPH	REVISED -
	DATE - 09/01/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN  
STAGING SEQUENCE

SCALE: SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.I. RTE. 90/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 33
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	

**STAGING SEQUENCE**

**STAGE 2A**

MAINTENANCE OF TRAFFIC ALONG MAINLINE AND RAMPS

- SOUTHBOUND I-90/94
  - o MAINTAIN 4 LANES OF TRAFFIC AND CLOSE THE RIGHT LANE FOR PIER 1 CONSTRUCTION AND RAMP SE PERMANENT CLOSURE.
  - o TRAVEL LANES WILL MAINTAIN 11 FOOT THROUGH LANES AND A 12 FOOT EXIT ONLY LANE FOR RAMP SE. SHOULDERS WILL BE A MINIMUM OF 1'.
  - o INSTALL TEMPORARY BARRIER PER PLANS.
- SOUTHBOUND MONROE STREET EXIT RAMP
  - o EXISTING RAMP TO CLOSE. TRAFFIC WILL UTILIZE PROPOSED DETOUR PLAN.
- SOUTHBOUND MADISON STREET ENTRANCE RAMP
  - o RAMP TO BE OPEN. CONFIGURATION MATCHES STAGE 1B.
  - o TRAVEL LANE UTILIZE 12 FEET LANES.
- SOUTHBOUND ADAMS STREET EXIT RAMP
  - o EXISTING RAMP OPEN TO TRAFFIC. TRAVEL LANE REDUCED TO 14 FEET.
- SOUTHBOUND JACKSON STREET EXIT RAMP
  - o EXISTING RAMP OPEN TO TRAFFIC. THE TRAVEL LANE WILL BE REDUCED TO 11 FEET.
  - o INSTALL TEMPORARY BARRIER PER PLAN.
- SE EXIT RAMP
  - o EXIT RAMP IS PERMANENTLY CLOSED.
- NORTHBOUND I-90/94
  - o MAINTAIN 4 LANES OF TRAFFIC AND SHIFT TRAVEL LANES TO THE WEST. OUTSIDE LANE WILL BE CLOSED FOR CONSTRUCTION OF PIER 3.
  - o MAINLINE LANES WILL BE REDUCED TO 11 FOOT AND 1 FOOT SHOULDERS.
- NORTHBOUND JACKSON BOULEVARD ENTRANCE RAMP
  - o EXISTING RAMP TO BE CLOSED DURING THIS STAGE. TRAFFIC TO UTILIZE THE PROPOSED DETOUR PLAN.
- NORTHBOUND ADAMS STREET ENTRANCE RAMP
  - o EXISTING RAMP TO REMAIN OPEN.
- NORTHBOUND MADISON STREET EXIT RAMP
  - o EXISTING RAMP TO BE CLOSED DURING THIS STAGE. TRAFFIC TO UTILIZE THE PROPOSED DETOUR PLAN.

MAINTENANCE OF TRAFFIC ALONG LOCAL STREETS

- MONROE STREET
  - o BRIDGE REMAINS CLOSED AND THE STREET IS CLOSED TO SOUTHBOUND RAMP TRAFFIC.
  - o MAINTAIN PEDESTRIAN AND VEHICULAR ACCESS TO THE DRIVEWAYS, BUILDINGS, AND ALLEY ALONG MONROE STREET BY STAGED CONSTRUCTION OF MONROE STREET.

CONSTRUCTION TO BE COMPLETED IN STAGE 2A

MAINLINE AND RAMPS

- REMOVE AND COMPLETE CONSTRUCTION OF PIER 3.
- BEGIN CONSTRUCTION OF PIER 1.
- BEGIN REMOVAL AND CONSTRUCTION OF EAST ABUTMENT. INSTALL TEMPORARY SOIL RETENTION SYSTEMS AS SHOWN IN THE STRUCTURAL PLANS.
- BEGIN CONSTRUCTION OF RETAINING WALL 016-Z017.

MONROE STREET

- BEGIN REMOVAL AND RECONSTRUCTION OF THE EXISTING MONROE STREET PAVEMENT, SIDEWALK, AND DRAINAGE AS SHOWN IN THE PLANS.
- INSTALL AND MAINTAIN TEMPORARY DRIVEWAY ACCESS AS REQUIRED.

**STAGE 2B**

MAINTENANCE OF TRAFFIC ALONG MAINLINE AND RAMPS

- SOUTHBOUND MAINLINE AND RAMPS WILL MATCH STAGE 2A.
- SE EXIT RAMP
  - o EXISTING RAMP TO REMAIN CLOSED.
- NORTHBOUND I-90/94
  - o TRAVEL LANES TO INCREASE FROM 4 TO 5 LANES WITH THE OPENING OF LANE 5 ADJACENT TO PIER 3.
  - o TRAVEL LANES WILL UTILIZE 11' LANES. MAINLINE CENTER MEDIAN SHOULDER WILL BE 0.9 FEET AT MONROE STREET BRIDGE PER PLANS. SHOULDERS OTHERWISE WILL UTILIZE 1 FOOT MINIMUM SHOULDER.
- NORTHBOUND JACKSON BOULEVARD ENTRANCE RAMP
  - o EXISTING RAMP TO REOPEN AND REMAIN OPEN.
- NORTHBOUND ADAMS STREET ENTRANCE RAMP
  - o EXISTING RAMP TO REMAIN OPEN.
- NORTHBOUND MADISON STREET EXIT RAMP
  - o RAMP WILL REMAIN CLOSED AND MATCH STAGE 2A.

MAINTENANCE OF TRAFFIC ALONG LOCAL STREETS

- MONROE STREET
  - o BRIDGE REMAINS CLOSED AND THE STREET IS CLOSED TO SOUTHBOUND RAMP TRAFFIC.
  - o MAINTAIN PEDESTRIAN AND VEHICULAR ACCESS TO THE DRIVEWAYS, BUILDINGS, AND ALLEY ALONG MONROE STREET BY STAGED CONSTRUCTION OF MONROE STREET.

CONSTRUCTION TO BE COMPLETED IN STAGE 2B

MAINLINE AND RAMPS

- CONTINUE CONSTRUCTION OF PIER 1.
- CONTINUE REMOVAL AND CONSTRUCTION OF EAST ABUTMENT.
- CONTINUE CONSTRUCTION OF RETAINING WALL 016-Z017.

MONROE STREET

- CONTINUE REMOVAL AND RECONSTRUCTION OF THE EXISTING MONROE STREET PAVEMENT, SIDEWALK, AND DRAINAGE AS SHOWN IN THE PLANS.
- INSTALL AND MAINTAIN TEMPORARY DRIVEWAY ACCESS AS REQUIRED.

**STAGE 3**

MAINTENANCE OF TRAFFIC ALONG MAINLINE AND RAMPS

- SOUTHBOUND I-90/94 AND SOUTHBOUND RAMPS EXCEPT FOR SOUTHBOUND MONROE STREET EXIT RAMP.
  - o SHIFT TRAFFIC TO PERMANENT FINAL CONDITION. (4 LANES)
  - o UTILIZE TEMPORARY NIGHT TIME LANE CLOSURES FOR THE SUPERSTRUCTURE BEAM PLACEMENT.
- SOUTHBOUND MONROE STREET EXIT RAMP
  - o EXISTING RAMP TO REMAIN CLOSED. WESTBOUND TRAFFIC WILL UTILIZE THE PROPOSED DETOUR PLAN.
  - o MINIMIZE TIME OF CLOSURE BY REOPENING THE RAMP IMMEDIATELY UPON COMPLETION OF MONROE STREET PAVEMENT.
- SE EXIT RAMP (REFER TO CONTRACT 60X99)
  - o EXISTING RAMP TO REMAIN CLOSED.
- NORTHBOUND I-90/94
  - o MAINTAIN STAGE 2B.
  - o UTILIZE TEMPORARY NIGHT TIME LANE CLOSURES FOR THE SUPERSTRUCTURE BEAM PLACEMENT.
- NORTHBOUND JACKSON BOULEVARD ENTRANCE RAMP
  - o EXISTING RAMP TO REOPEN AND REMAIN OPEN.
- NORTHBOUND ADAMS STREET ENTRANCE RAMP
  - o EXISTING RAMP TO REMAIN OPEN.
- NORTHBOUND MADISON STREET EXIT RAMP
  - o RAMP WILL REMAIN CLOSED AND MATCH STAGE 2A.

MAINTENANCE OF TRAFFIC ALONG LOCAL STREETS (STAGE 3 CONTINUED)

- MONROE STREET
  - o BRIDGE REMAINS CLOSED AND THE STREET IS CLOSED TO SOUTHBOUND RAMP TRAFFIC.
  - o MAINTAIN PEDESTRIAN AND VEHICULAR ACCESS TO THE DRIVEWAYS, BUILDINGS, AND ALLEY ALONG MONROE STREET BY STAGED CONSTRUCTION OF MONROE STREET.
  - o REMOVE DETOUR AND REOPEN TO TRAFFIC AFTER BRIDGE COMPLETION. RETURN TRAFFIC TO EXISTING LANE CONFIGURATION.

CONSTRUCTION TO BE COMPLETED IN STAGE 3

MAINLINE AND RAMPS

- COMPLETE PERMANENT EROSION CONTROL AND SEDIMENT CONTROL MEASURES.
- COMPLETE PERMANENT PAVEMENT MARKINGS AND SIGNING.

MONROE STREET

- COMPLETE CONSTRUCTION OF SUPERSTRUCTURE OF MONROE STREET BRIDGE
- COMPLETE CONSTRUCTION OF RETAINING WALL 016-Z017
- COMPLETE CONSTRUCTION OF EAST AND WEST APPROACHES OF MONROE STREET INCLUDING NOT LIMITED TO ROADWAY, SIDEWALK, SIGNING, PAVEMENT MARKING, AND ADA RAMPS.
- COMPLETE CONSTRUCTION OF ITS AND LIGHTING.

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		GRADES	STRUCTURE
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PROFILE	NOTE BOOK		
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USER NAME = Kucharski	DESIGNED - AMK	REVISED -
	DRAWN - AMK	REVISED -
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PLOT DATE = 7/13/2017	DATE - 07/14/2017	REVISED -











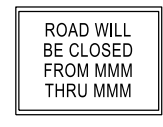





















**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN			
STAGING SEQUENCE			
SCALE:	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.

F.A.I. RTE. 90/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 34
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	

**DETOUR SIGNS TYPE & SIZE**

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

										
W20-2 (48"x48")	W20-30-48 (48"x48")	W20-1103-48 (48"x48")	M4-9L 30"x24"	M4-9R 30"x24"	R3-1 24"x24"	R3-2 24"x24"	M4-9 30"x24"	R11-2 48"x30"	R11-4 60"x30"	65"x48"
										
M4-10L 48"x18"	R11-2 48"x30"	M4-8A 24"x18"	M3-2 24" X 12"	M3-4 24" X 12"	M5-1R 30"x24"	M5-1L 30"x24"	R11-1101 24" X 18"	M4-9b (L) 30" X 24"	M4-9b (R) 30" X 24"	
										
M5-1 (21"x15")	M6-3 (21"x15")	M6-1 (21"x15")	M1-1 (24"x24")	M4-8 (24"x12")	R5-1 (48"x48")	CUSTOM SPECIAL BLACK LETTERS ON ORANGE BACKGROUND 30"x18"	CUSTOM SPECIAL BLACK LETTERS ON ORANGE BACKGROUND 30"x18"	CUSTOM SPECIAL BLACK LETTERS ON ORANGE BACKGROUND 30"x18"	CUSTOM SPECIAL BLACK LETTERS ON ORANGE BACKGROUND 30"x18"	

\* TO BE PAID FOR AS TEMPORARY INFORMATION SIGNING

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USER NAME = Kucharski	DESIGNED - AMK	REVISED -
	DRAWN - AMK	REVISED -
PLOT SCALE =	CHECKED - RPH	REVISED -
PLOT DATE = 4/18/2017	DATE - 05/02/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DETOUR SIGNS

SCALE: SHEET NO. 1 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 90/94	2014-016R&B	COOK	378	35
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	



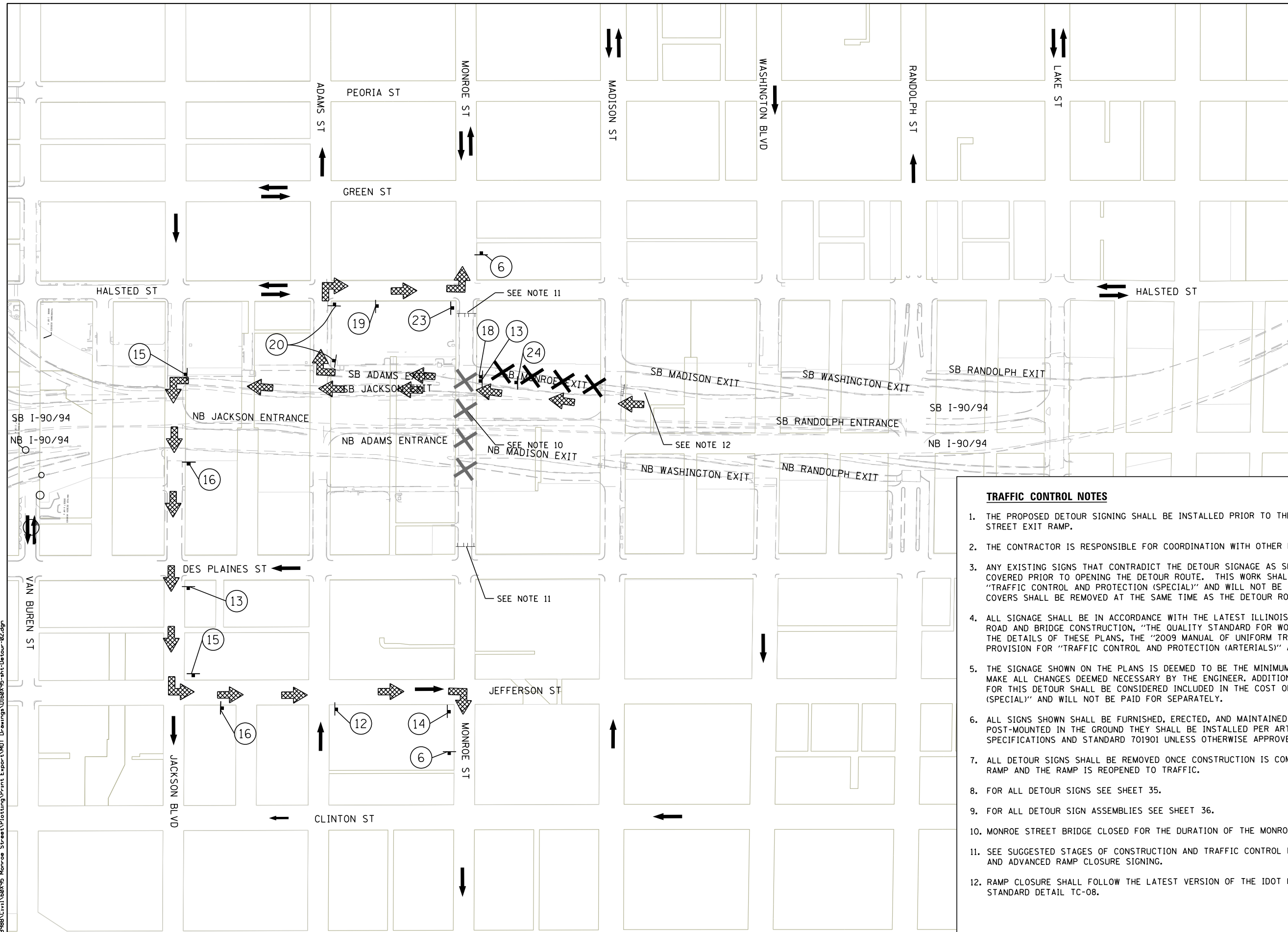




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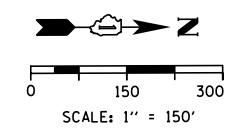
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**LEGEND**

- TEMPORARY SIGN
- SIGN BARRICADE TYPE III
- DIRECTION OF TRAFFIC
- SOUTHBOUND MONROE ST EXIT RAMP DETOUR ROUTE
- CLOSURE AREA



- TRAFFIC CONTROL NOTES**
1. THE PROPOSED DETOUR SIGNING SHALL BE INSTALLED PRIOR TO THE CLOSURE OF THE SOUTHBOUND MONROE STREET EXIT RAMP.
  2. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
  3. ANY EXISTING SIGNS THAT CONTRADICT THE DETOUR SIGNAGE AS SHOWN ON THE PLANS SHALL BE COVERED PRIOR TO OPENING THE DETOUR ROUTE. THIS WORK SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION (SPECIAL)" AND WILL NOT BE PAID FOR SEPARATELY. THE SIGN COVERS SHALL BE REMOVED AT THE SAME TIME AS THE DETOUR ROUTE SIGNS ARE REMOVED.
  4. ALL SIGNAGE SHALL BE IN ACCORDANCE WITH THE LATEST ILLINOIS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, "THE QUALITY STANDARD FOR WORK ZONE TRAFFIC CONTROL DEVICES", THE DETAILS OF THESE PLANS, THE "2009 MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", THE SPECIAL PROVISION FOR "TRAFFIC CONTROL AND PROTECTION (ARTERIALS)" AND HIGHWAY STANDARDS 701901.
  5. THE SIGNAGE SHOWN ON THE PLANS IS DEEMED TO BE THE MINIMUM REQUIRED. THE CONTRACTOR SHALL MAKE ALL CHANGES DEEMED NECESSARY BY THE ENGINEER. ADDITIONS AND DELETIONS OF TRAFFIC CONTROL FOR THIS DETOUR SHALL BE CONSIDERED INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION (SPECIAL)" AND WILL NOT BE PAID FOR SEPARATELY.
  6. ALL SIGNS SHOWN SHALL BE FURNISHED, ERECTED, AND MAINTAINED BY THE CONTRACTOR. WHEN SIGNS ARE POST-MOUNTED IN THE GROUND THEY SHALL BE INSTALLED PER ARTICLE 701.14 OF THE STANDARD SPECIFICATIONS AND STANDARD 701901 UNLESS OTHERWISE APPROVED BY THE ENGINEER.
  7. ALL DETOUR SIGNS SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE ON THE MONROE STREET EXIT RAMP AND THE RAMP IS REOPENED TO TRAFFIC.
  8. FOR ALL DETOUR SIGNS SEE SHEET 35.
  9. FOR ALL DETOUR SIGN ASSEMBLIES SEE SHEET 36.
  10. MONROE STREET BRIDGE CLOSED FOR THE DURATION OF THE MONROE STREET RAMP CLOSURE.
  11. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION AND ADVANCED RAMP CLOSURE SIGNING.
  12. RAMP CLOSURE SHALL FOLLOW THE LATEST VERSION OF THE IDOT HIGHWAY STANDARDS AND DISTRICT 1 STANDARD DETAIL TC-08.

**PARSONS  
BRINCKERHOFF**

USER NAME = Kucharski	DESIGNED - AMK	REVISED -
PLOT SCALE =	DRAWN - AMK	REVISED -
PLOT DATE = 4/18/2017	CHECKED - RPH	REVISED -
	DATE - 05/02/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETOUR PLAN  
SOUTHBOUND MONROE STREET EXIT RAMP**

SCALE: SHEET NO. 4 OF 14 SHEETS STA. TO STA.

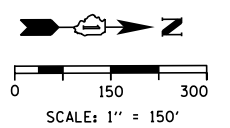
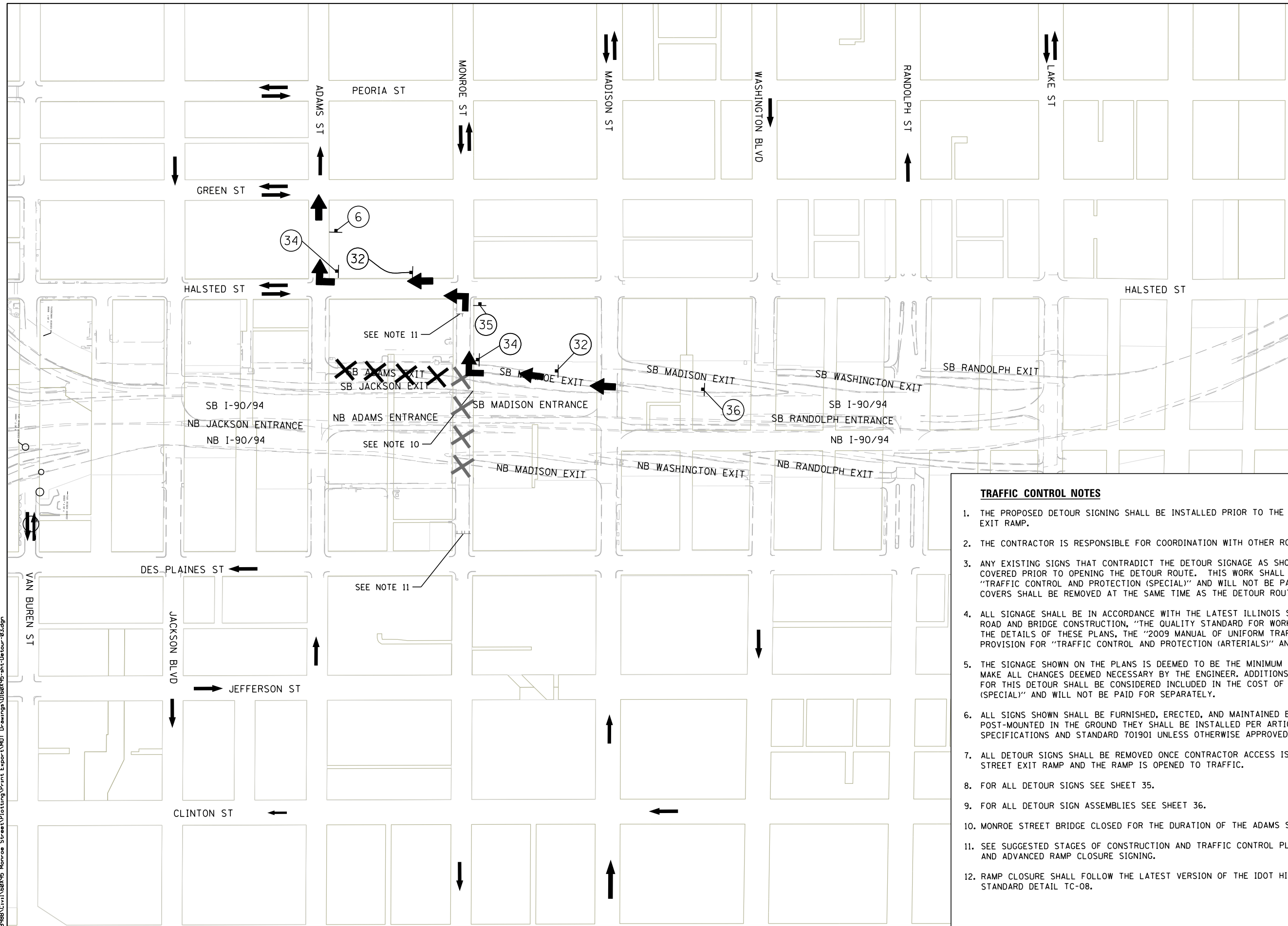
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 90/94	2014-016R&B	COOK	378	38
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	



PLAN	SUBMITTED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	FILE NAME	
	NO.	

PROFILE	SUBMITTED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	

FILE NAME = T:\169988\Civil\68995 Monroe Street\Plotting\Print Export\DOT Drawings\169988-ah-Desour-03.dgn



**LEGEND**

	TEMPORARY SIGN
	SIGN BARRICADE TYPE III
	DIRECTION OF TRAFFIC
	SOUTHBOUND ADAMS ST EXIT DETOUR ROUTE
	CLOSURE AREA

**TRAFFIC CONTROL NOTES**

1. THE PROPOSED DETOUR SIGNING SHALL BE INSTALLED PRIOR TO THE CLOSURE OF THE ADAMS STREET EXIT RAMP.
2. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
3. ANY EXISTING SIGNS THAT CONTRADICT THE DETOUR SIGNAGE AS SHOWN ON THE PLANS SHALL BE COVERED PRIOR TO OPENING THE DETOUR ROUTE. THIS WORK SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION (SPECIAL)" AND WILL NOT BE PAID FOR SEPARATELY. THE SIGN COVERS SHALL BE REMOVED AT THE SAME TIME AS THE DETOUR ROUTE SIGNS ARE REMOVED.
4. ALL SIGNAGE SHALL BE IN ACCORDANCE WITH THE LATEST ILLINOIS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, "THE QUALITY STANDARD FOR WORK ZONE TRAFFIC CONTROL DEVICES", THE DETAILS OF THESE PLANS, THE "2009 MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", THE SPECIAL PROVISION FOR "TRAFFIC CONTROL AND PROTECTION (ARTERIALS)" AND HIGHWAY STANDARDS 701901.
5. THE SIGNAGE SHOWN ON THE PLANS IS DEEMED TO BE THE MINIMUM REQUIRED. THE CONTRACTOR SHALL MAKE ALL CHANGES DEEMED NECESSARY BY THE ENGINEER. ADDITIONS AND DELETIONS OF TRAFFIC CONTROL FOR THIS DETOUR SHALL BE CONSIDERED INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION (SPECIAL)" AND WILL NOT BE PAID FOR SEPARATELY.
6. ALL SIGNS SHOWN SHALL BE FURNISHED, ERECTED, AND MAINTAINED BY THE CONTRACTOR. WHEN SIGNS ARE POST-MOUNTED IN THE GROUND THEY SHALL BE INSTALLED PER ARTICLE 701.14 OF THE STANDARD SPECIFICATIONS AND STANDARD 701901 UNLESS OTHERWISE APPROVED BY THE ENGINEER.
7. ALL DETOUR SIGNS SHALL BE REMOVED ONCE CONTRACTOR ACCESS IS NO LONGER REQUIRED ON THE ADAMS STREET EXIT RAMP AND THE RAMP IS OPENED TO TRAFFIC.
8. FOR ALL DETOUR SIGNS SEE SHEET 35.
9. FOR ALL DETOUR SIGN ASSEMBLIES SEE SHEET 36.
10. MONROE STREET BRIDGE CLOSED FOR THE DURATION OF THE ADAMS STREET RAMP CLOSURE.
11. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION AND ADVANCED RAMP CLOSURE SIGNING.
12. RAMP CLOSURE SHALL FOLLOW THE LATEST VERSION OF THE IDOT HIGHWAY STANDARDS AND DISTRICT 1 STANDARD DETAIL TC-08.

**PARSONS BRINCKERHOFF**

USER NAME = Kucharski	DESIGNED - AMK	REVISED -
	DRAWN - AMK	REVISED -
PLOT SCALE =	CHECKED - RPH	REVISED -
PLOT DATE = 4/18/2017	DATE - 05/02/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETOUR PLAN  
SOUTHBOUND ADAMS STREET EXIT RAMP**

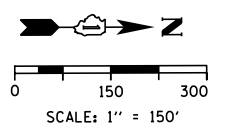
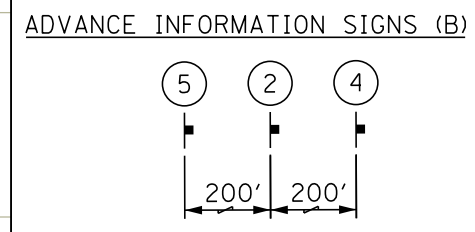
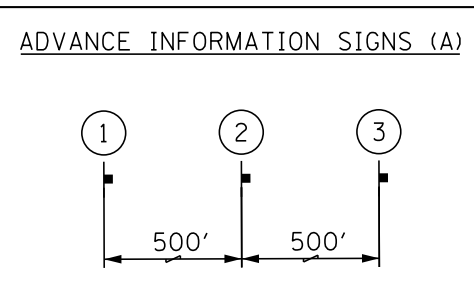
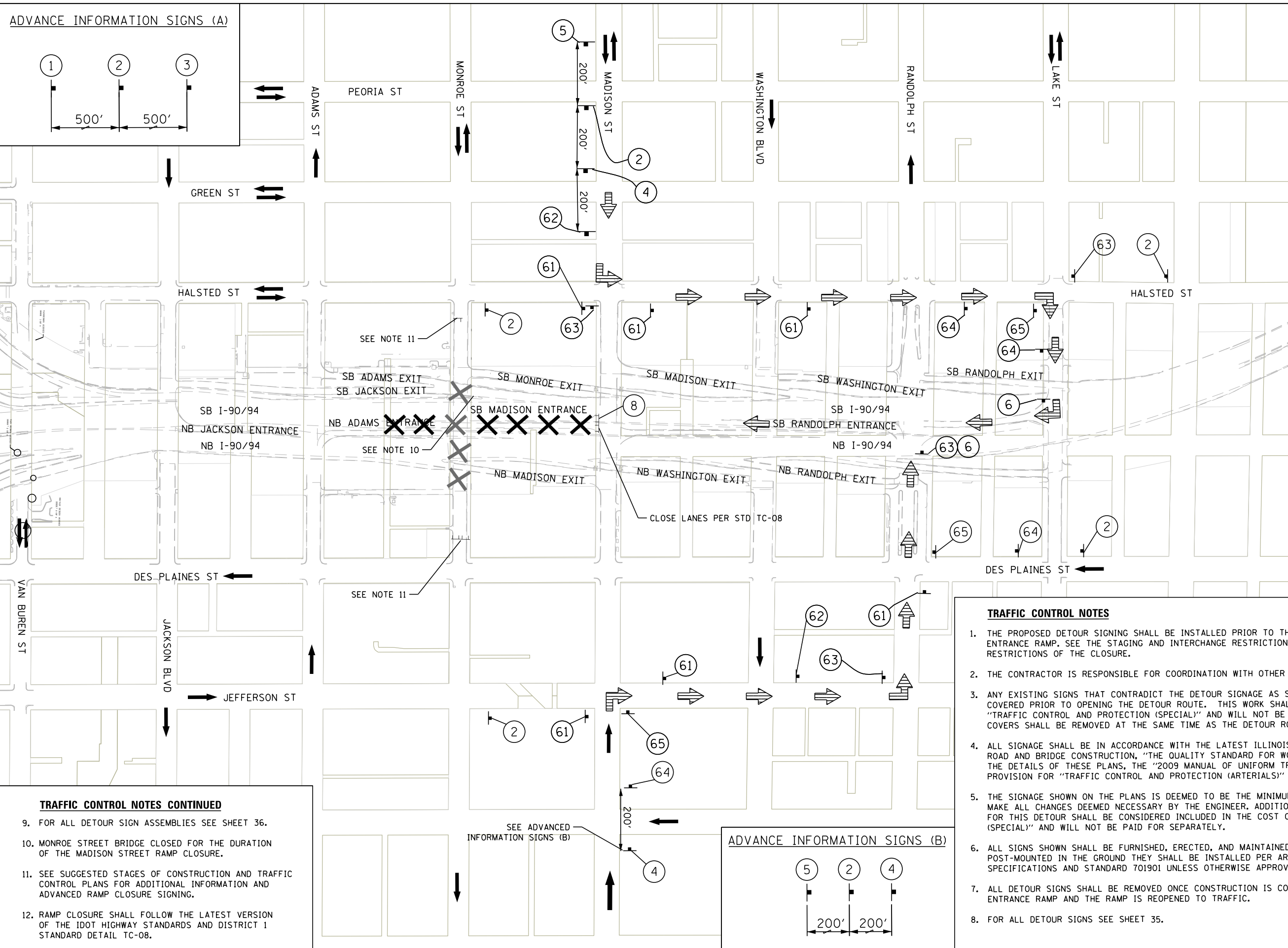
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 90/94	2014-016R&B	COOK	378	39
CONTRACT NO. 60X95				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	ALIGNED	
	CHECKED	
	FILED	
	DATE	

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

FILE NAME = T:\169888\Civil\68X95 Monroe Street\Plotting\Print Export\169888-ah-Desour-04.dgn



- LEGEND**
- TEMPORARY SIGN
  - SIGN BARRICADE TYPE III
  - DIRECTION OF TRAFFIC
  - SOUTHBOUND MADISON ST ENTRANCE DETOUR ROUTE
  - CLOSURE AREA

- TRAFFIC CONTROL NOTES CONTINUED**
9. FOR ALL DETOUR SIGN ASSEMBLIES SEE SHEET 36.
  10. MONROE STREET BRIDGE CLOSED FOR THE DURATION OF THE MADISON STREET RAMP CLOSURE.
  11. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION AND ADVANCED RAMP CLOSURE SIGNING.
  12. RAMP CLOSURE SHALL FOLLOW THE LATEST VERSION OF THE IDOT HIGHWAY STANDARDS AND DISTRICT 1 STANDARD DETAIL TC-08.

- TRAFFIC CONTROL NOTES**
1. THE PROPOSED DETOUR SIGNING SHALL BE INSTALLED PRIOR TO THE CLOSURE OF THE MADISON STREET ENTRANCE RAMP. SEE THE STAGING AND INTERCHANGE RESTRICTIONS SPECIAL PROVISION FOR USE AND RESTRICTIONS OF THE CLOSURE.
  2. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
  3. ANY EXISTING SIGNS THAT CONTRADICT THE DETOUR SIGNAGE AS SHOWN ON THE PLANS SHALL BE COVERED PRIOR TO OPENING THE DETOUR ROUTE. THIS WORK SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION (SPECIAL)" AND WILL NOT BE PAID FOR SEPARATELY. THE SIGN COVERS SHALL BE REMOVED AT THE SAME TIME AS THE DETOUR ROUTE SIGNS ARE REMOVED.
  4. ALL SIGNAGE SHALL BE IN ACCORDANCE WITH THE LATEST ILLINOIS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, "THE QUALITY STANDARD FOR WORK ZONE TRAFFIC CONTROL DEVICES", THE DETAILS OF THESE PLANS, THE "2009 MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", THE SPECIAL PROVISION FOR "TRAFFIC CONTROL AND PROTECTION (ARTERIALS)" AND HIGHWAY STANDARDS 701901.
  5. THE SIGNAGE SHOWN ON THE PLANS IS DEEMED TO BE THE MINIMUM REQUIRED. THE CONTRACTOR SHALL MAKE ALL CHANGES DEEMED NECESSARY BY THE ENGINEER. ADDITIONS AND DELETIONS OF TRAFFIC CONTROL FOR THIS DETOUR SHALL BE CONSIDERED INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION (SPECIAL)" AND WILL NOT BE PAID FOR SEPARATELY.
  6. ALL SIGNS SHOWN SHALL BE FURNISHED, ERECTED, AND MAINTAINED BY THE CONTRACTOR. WHEN SIGNS ARE POST-MOUNTED IN THE GROUND THEY SHALL BE INSTALLED PER ARTICLE 701.14 OF THE STANDARD SPECIFICATIONS AND STANDARD 701901 UNLESS OTHERWISE APPROVED BY THE ENGINEER.
  7. ALL DETOUR SIGNS SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE ON THE MADISON STREET ENTRANCE RAMP AND THE RAMP IS REOPENED TO TRAFFIC.
  8. FOR ALL DETOUR SIGNS SEE SHEET 35.

**PARSONS BRINCKERHOFF**

USER NAME = Kucharski	DESIGNED - AMK	REVISED -
	DRAWN - AMK	REVISED -
PLOT SCALE =	CHECKED - RPH	REVISED -
PLOT DATE = 4/18/2017	DATE - 05/02/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETOUR PLAN  
SOUTHBOUND MADISON STREET ENTRANCE RAMP**

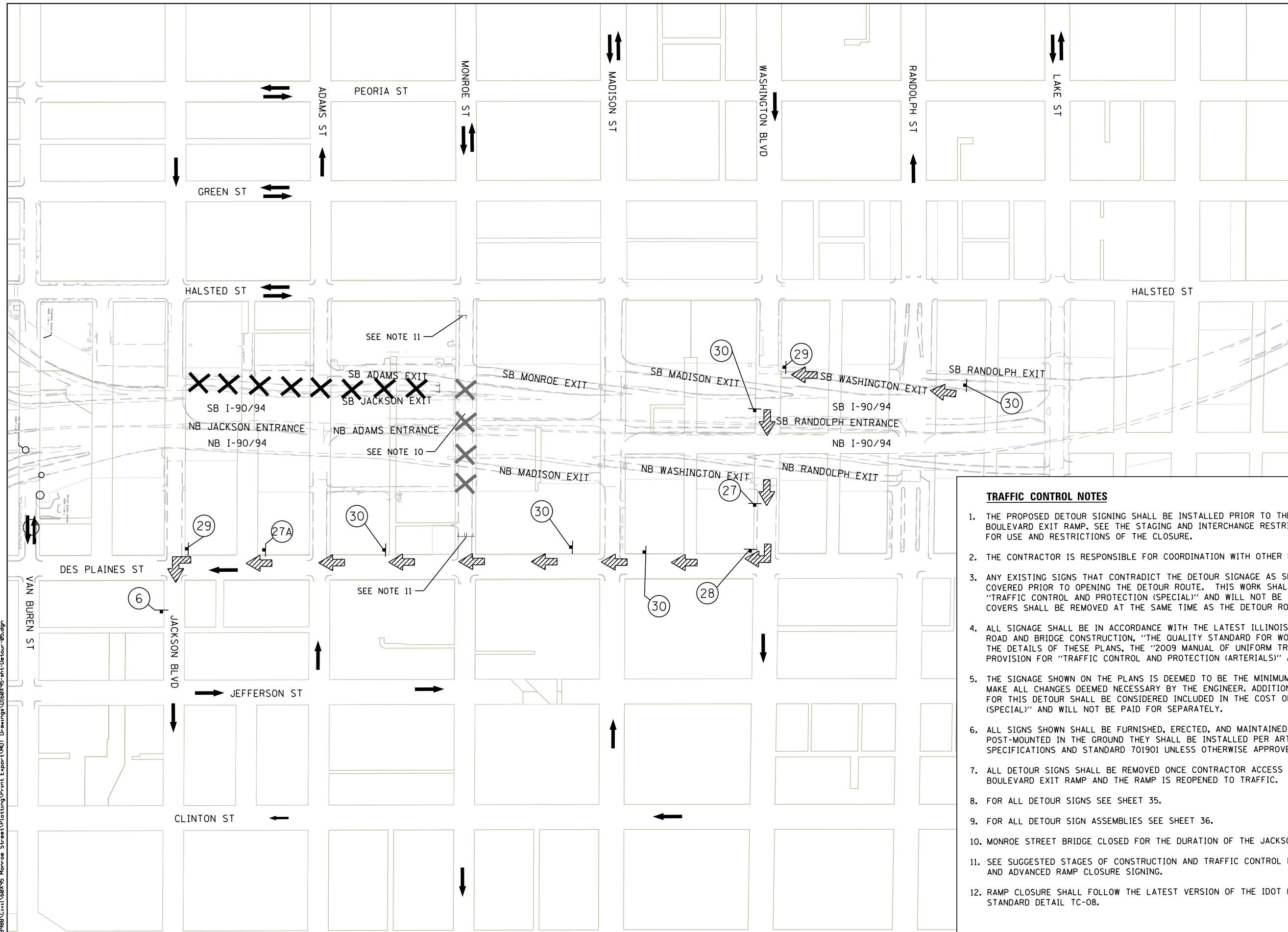
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F.A.I. RTE. 90/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 40
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
NOTE BOOK	ALIGNED	
NO.	CHECKED	
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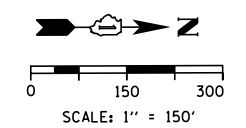
PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES	
NO.	CHECKED	
	STRUCTURE	
	NOTATIONS	

FILE NAME = T:\169988\Civil\68X95 Monroe Streets\Plotting\Print Export\TMOI Drawings\169988-ah+Detour-05.dgn



**LEGEND**

- TEMPORARY SIGN
- SIGN BARRICADE TYPE III
- DIRECTION OF TRAFFIC
- SOUTHBOUND JACKSON BLVD EXIT DETOUR ROUTE
- CLOSURE AREA



- TRAFFIC CONTROL NOTES**
1. THE PROPOSED DETOUR SIGNING SHALL BE INSTALLED PRIOR TO THE CLOSURE OF THE JACKSON BOULEVARD EXIT RAMP. SEE THE STAGING AND INTERCHANGE RESTRICTIONS SPECIAL PROVISION FOR USE AND RESTRICTIONS OF THE CLOSURE.
  2. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
  3. ANY EXISTING SIGNS THAT CONTRADICT THE DETOUR SIGNAGE AS SHOWN ON THE PLANS SHALL BE COVERED PRIOR TO OPENING THE DETOUR ROUTE. THIS WORK SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION (SPECIAL)" AND WILL NOT BE PAID FOR SEPARATELY. THE SIGN COVERS SHALL BE REMOVED AT THE SAME TIME AS THE DETOUR ROUTE SIGNS ARE REMOVED.
  4. ALL SIGNAGE SHALL BE IN ACCORDANCE WITH THE LATEST ILLINOIS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, "THE QUALITY STANDARD FOR WORK ZONE TRAFFIC CONTROL DEVICES", THE DETAILS OF THESE PLANS, THE "2009 MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", THE SPECIAL PROVISION FOR "TRAFFIC CONTROL AND PROTECTION (ARTERIALS)" AND HIGHWAY STANDARDS 701901.
  5. THE SIGNAGE SHOWN ON THE PLANS IS DEEMED TO BE THE MINIMUM REQUIRED. THE CONTRACTOR SHALL MAKE ALL CHANGES DEEMED NECESSARY BY THE ENGINEER. ADDITIONS AND DELETIONS OF TRAFFIC CONTROL FOR THIS DETOUR SHALL BE CONSIDERED INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION (SPECIAL)" AND WILL NOT BE PAID FOR SEPARATELY.
  6. ALL SIGNS SHOWN SHALL BE FURNISHED, ERECTED, AND MAINTAINED BY THE CONTRACTOR. WHEN SIGNS ARE POST-MOUNTED IN THE GROUND THEY SHALL BE INSTALLED PER ARTICLE 701.14 OF THE STANDARD SPECIFICATIONS AND STANDARD 701901 UNLESS OTHERWISE APPROVED BY THE ENGINEER.
  7. ALL DETOUR SIGNS SHALL BE REMOVED ONCE CONTRACTOR ACCESS IS NO LONGER REQUIRED ON THE JACKSON BOULEVARD EXIT RAMP AND THE RAMP IS REOPENED TO TRAFFIC.
  8. FOR ALL DETOUR SIGNS SEE SHEET 35.
  9. FOR ALL DETOUR SIGN ASSEMBLIES SEE SHEET 36.
  10. MONROE STREET BRIDGE CLOSED FOR THE DURATION OF THE JACKSON BOULEVARD RAMP CLOSURE.
  11. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION AND ADVANCED RAMP CLOSURE SIGNING.
  12. RAMP CLOSURE SHALL FOLLOW THE LATEST VERSION OF THE IDOT HIGHWAY STANDARDS AND DISTRICT 1 STANDARD DETAIL TC-08.

**PARSONS  
BRINCKERHOFF**

USER NAME = Kucharski	DESIGNED - AMK	REVISED -
	DRAWN - AMK	REVISED -
PLOT SCALE =	CHECKED - RPH	REVISED -
PLOT DATE = 4/18/2017	DATE - 05/02/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETOUR PLAN  
SOUTHBOUND JACKSON BOULEVARD EXIT RAMP**

SCALE: SHEET NO. 7 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2014-016R&B	COOK	378	41
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	

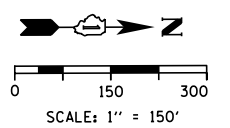
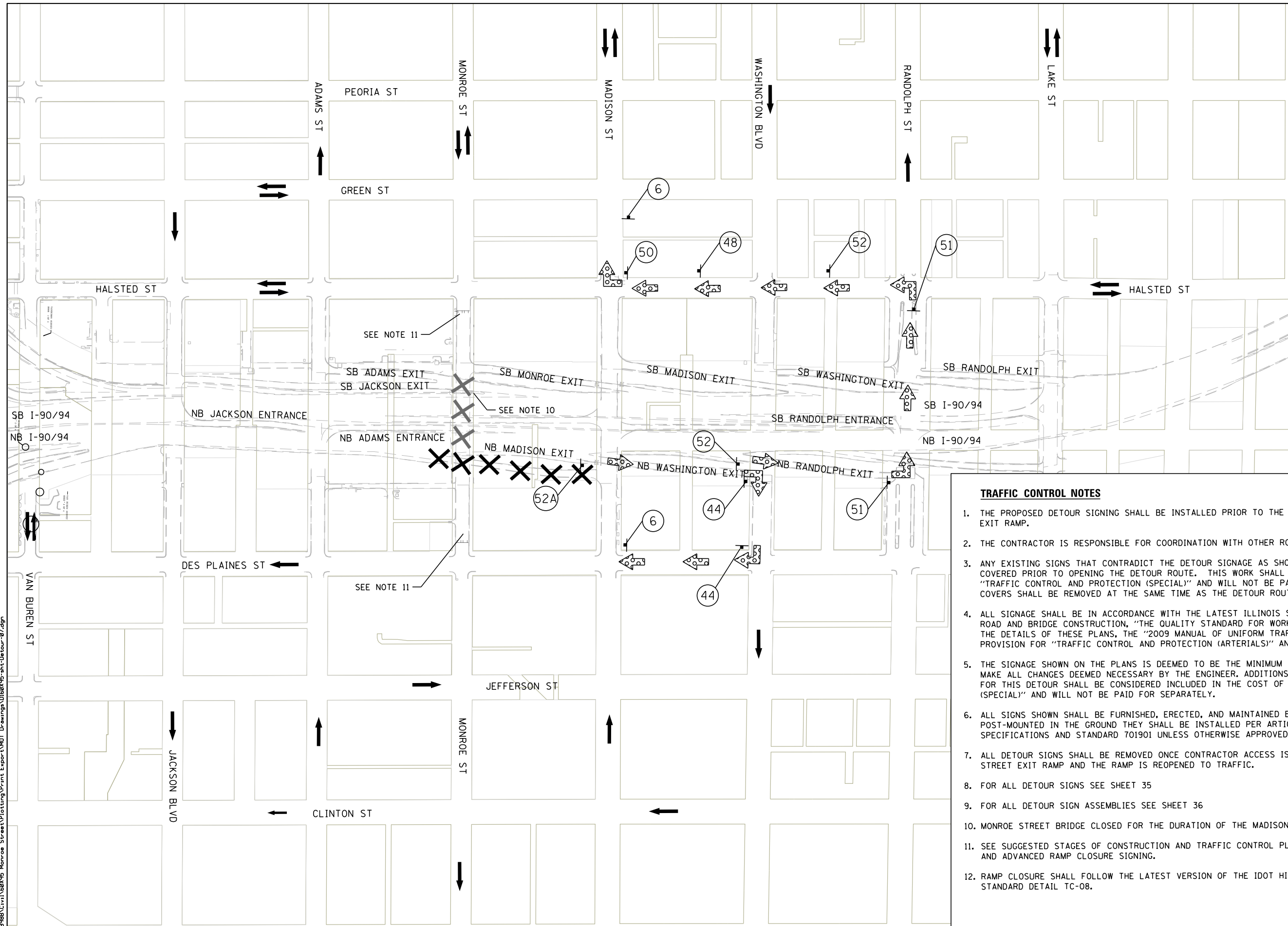




PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
NOTE BOOK NO.	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
NOTE BOOK NO.	NOTATIONS OK'D	

FILE NAME = T:\168988\Civil\68988\Monroe Streets\Plotting\Print\Export\DOT Drawings\168988-ahh-DeTour-07.dgn



**LEGEND**

	TEMPORARY SIGN
	SIGN BARRICADE TYPE III
	DIRECTION OF TRAFFIC
	NORTHBOUND MADISON ST EXIT DETOUR ROUTE
	CLOSURE AREA

- TRAFFIC CONTROL NOTES**
1. THE PROPOSED DETOUR SIGNING SHALL BE INSTALLED PRIOR TO THE CLOSURE OF THE MADISON STREET EXIT RAMP.
  2. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
  3. ANY EXISTING SIGNS THAT CONTRADICT THE DETOUR SIGNAGE AS SHOWN ON THE PLANS SHALL BE COVERED PRIOR TO OPENING THE DETOUR ROUTE. THIS WORK SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION (SPECIAL)" AND WILL NOT BE PAID FOR SEPARATELY. THE SIGN COVERS SHALL BE REMOVED AT THE SAME TIME AS THE DETOUR ROUTE SIGNS ARE REMOVED.
  4. ALL SIGNAGE SHALL BE IN ACCORDANCE WITH THE LATEST ILLINOIS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, "THE QUALITY STANDARD FOR WORK ZONE TRAFFIC CONTROL DEVICES", THE DETAILS OF THESE PLANS, THE "2009 MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", THE SPECIAL PROVISION FOR "TRAFFIC CONTROL AND PROTECTION (ARTERIALS)" AND HIGHWAY STANDARDS 701901.
  5. THE SIGNAGE SHOWN ON THE PLANS IS DEEMED TO BE THE MINIMUM REQUIRED. THE CONTRACTOR SHALL MAKE ALL CHANGES DEEMED NECESSARY BY THE ENGINEER. ADDITIONS AND DELETIONS OF TRAFFIC CONTROL FOR THIS DETOUR SHALL BE CONSIDERED INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION (SPECIAL)" AND WILL NOT BE PAID FOR SEPARATELY.
  6. ALL SIGNS SHOWN SHALL BE FURNISHED, ERECTED, AND MAINTAINED BY THE CONTRACTOR. WHEN SIGNS ARE POST-MOUNTED IN THE GROUND THEY SHALL BE INSTALLED PER ARTICLE 701.14 OF THE STANDARD SPECIFICATIONS AND STANDARD 701901 UNLESS OTHERWISE APPROVED BY THE ENGINEER.
  7. ALL DETOUR SIGNS SHALL BE REMOVED ONCE CONTRACTOR ACCESS IS NO LONGER REQUIRED ON THE MADISON STREET EXIT RAMP AND THE RAMP IS REOPENED TO TRAFFIC.
  8. FOR ALL DETOUR SIGNS SEE SHEET 35
  9. FOR ALL DETOUR SIGN ASSEMBLIES SEE SHEET 36
  10. MONROE STREET BRIDGE CLOSED FOR THE DURATION OF THE MADISON STREET RAMP CLOSURE.
  11. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION AND ADVANCED RAMP CLOSURE SIGNING.
  12. RAMP CLOSURE SHALL FOLLOW THE LATEST VERSION OF THE IDOT HIGHWAY STANDARDS AND DISTRICT 1 STANDARD DETAIL TC-08.

**PARSONS  
BRINCKERHOFF**

USER NAME = Kucharski	DESIGNED - AMK	REVISED -
	DRAWN - AMK	REVISED -
PLOT SCALE =	CHECKED - RPH	REVISED -
PLOT DATE = 4/18/2017	DATE - 05/02/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETOUR PLAN  
NORTHBOUND MADISON STREET EXIT RAMP**

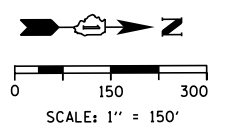
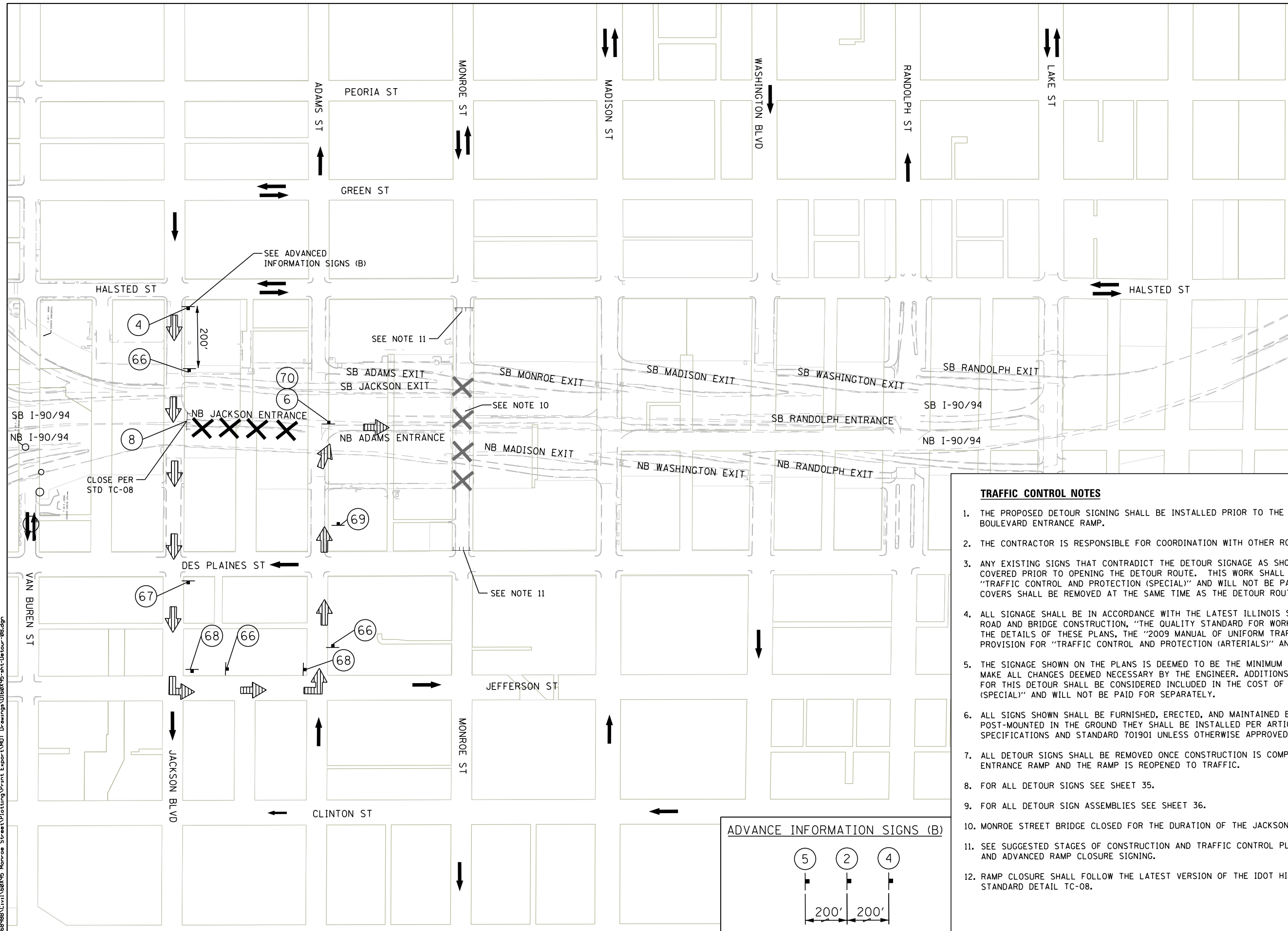
SCALE: SHEET NO. 9 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 90/94	2014-016R&B	COOK	378	43
CONTRACT NO. 60X95				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	ALIGNED	
	CHECKED	
	FILED	
	DATE	

PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	CHD	

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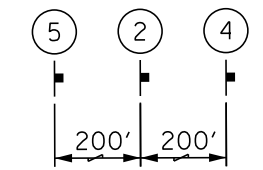
**LEGEND**

	TEMPORARY SIGN
	SIGN BARRICADE TYPE III
	DIRECTION OF TRAFFIC
	NORTHBOUND JACKSON BLVD ENTRANCE DETOUR ROUTE
	CLOSURE AREA

**TRAFFIC CONTROL NOTES**

1. THE PROPOSED DETOUR SIGNING SHALL BE INSTALLED PRIOR TO THE CLOSURE OF THE JACKSON BOULEVARD ENTRANCE RAMP.
2. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
3. ANY EXISTING SIGNS THAT CONTRADICT THE DETOUR SIGNAGE AS SHOWN ON THE PLANS SHALL BE COVERED PRIOR TO OPENING THE DETOUR ROUTE. THIS WORK SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION (SPECIAL)" AND WILL NOT BE PAID FOR SEPARATELY. THE SIGN COVERS SHALL BE REMOVED AT THE SAME TIME AS THE DETOUR ROUTE SIGNS ARE REMOVED.
4. ALL SIGNAGE SHALL BE IN ACCORDANCE WITH THE LATEST ILLINOIS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, "THE QUALITY STANDARD FOR WORK ZONE TRAFFIC CONTROL DEVICES", THE DETAILS OF THESE PLANS, THE "2009 MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", THE SPECIAL PROVISION FOR "TRAFFIC CONTROL AND PROTECTION (ARTERIALS)" AND HIGHWAY STANDARDS 701901.
5. THE SIGNAGE SHOWN ON THE PLANS IS DEEMED TO BE THE MINIMUM REQUIRED. THE CONTRACTOR SHALL MAKE ALL CHANGES DEEMED NECESSARY BY THE ENGINEER. ADDITIONS AND DELETIONS OF TRAFFIC CONTROL FOR THIS DETOUR SHALL BE CONSIDERED INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION (SPECIAL)" AND WILL NOT BE PAID FOR SEPARATELY.
6. ALL SIGNS SHOWN SHALL BE FURNISHED, ERECTED, AND MAINTAINED BY THE CONTRACTOR. WHEN SIGNS ARE POST-MOUNTED IN THE GROUND THEY SHALL BE INSTALLED PER ARTICLE 701.14 OF THE STANDARD SPECIFICATIONS AND STANDARD 701901 UNLESS OTHERWISE APPROVED BY THE ENGINEER.
7. ALL DETOUR SIGNS SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE ON THE JACKSON BOULEVARD ENTRANCE RAMP AND THE RAMP IS REOPENED TO TRAFFIC.
8. FOR ALL DETOUR SIGNS SEE SHEET 35.
9. FOR ALL DETOUR SIGN ASSEMBLIES SEE SHEET 36.
10. MONROE STREET BRIDGE CLOSED FOR THE DURATION OF THE JACKSON BOULEVARD RAMP CLOSURE.
11. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION AND ADVANCED RAMP CLOSURE SIGNING.
12. RAMP CLOSURE SHALL FOLLOW THE LATEST VERSION OF THE IDOT HIGHWAY STANDARDS AND DISTRICT 1 STANDARD DETAIL TC-08.

**ADVANCE INFORMATION SIGNS (B)**



**PARSONS BRINCKERHOFF**

USER NAME = Kucharski	DESIGNED - AMK	REVISED -
	DRAWN - AMK	REVISED -
PLOT SCALE =	CHECKED - RPH	REVISED -
PLOT DATE = 4/18/2017	DATE - 05/02/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETOUR PLAN  
NB JACKSON BOULEVARD ENTRANCE RAMP**

SCALE: SHEET NO. 10 OF 14 SHEETS STA. TO STA.

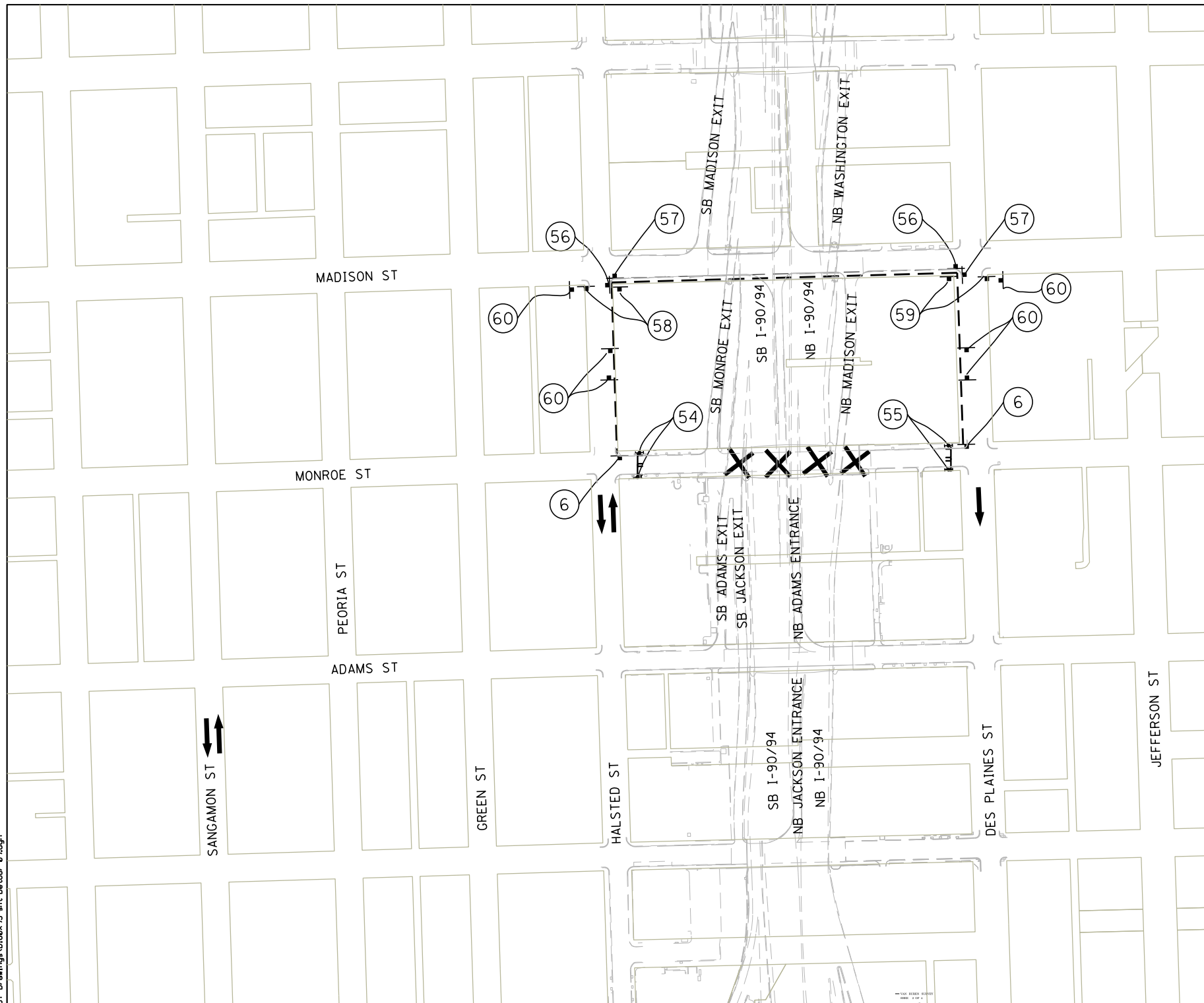
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 90/94	2014-016R&B	COOK	378	44
CONTRACT NO. 60X95				
ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
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NOTE BOOK NO.	FILE NAME	

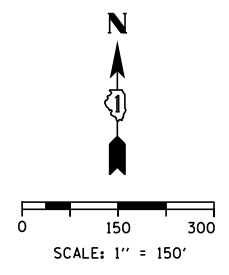
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NOTE BOOK NO.	NOTATIONS OK'D	

FILE NAME = T:\168988\Civil\68988\Monroe Streets\Plotting\Print Export\DOT Drawings\168988-ah-1-Detour-01.dgn



**LEGEND**

- TEMPORARY SIGN
- SIGN BARRICADE TYPE III
- DIRECTION OF TRAFFIC
- DETOUR ROUTE
- CLOSURE AREA



**DETOUR SIGNS TYPE & SIZE**

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

R11-1101 24" X 18"	M3-2 24" X 12"	M3-4 24" X 12"	M4-9b (R) 30" X 24"
M4-9b (L) 30" X 24"	M4-9 30" X 24"	M4-8A 24" X 18"	
CUSTOM SPECIAL * BLACK LETTERS ON ORANGE BACKGROUND 24"x18"	* TO BE PAID FOR AS TEMPORARY INFORMATION SIGNING		

**TRAFFIC CONTROL NOTES**

1. THE PROPOSED DETOUR SIGNING SHALL BE INSTALLED PRIOR TO CLOSING THE MONROE STREET SIDEWALKS. THE PROPOSED DETOUR SHALL BE UTILIZED FOR ALL APPLICABLE STAGES.
2. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
3. ANY EXISTING SIGNS THAT CONTRADICT THE DETOUR SIGNAGE AS SHOWN ON THE PLANS SHALL BE COVERED PRIOR TO OPENING THE DETOUR ROUTE. THIS WORK SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION (SPECIAL)" AND WILL NOT BE PAID FOR SEPARATELY. THE SIGN COVERS SHALL BE REMOVED AT THE SAME TIME AS THE DETOUR ROUTE SIGNS ARE REMOVED.
4. ALL SIGNAGE SHALL BE IN ACCORDANCE WITH THE LATEST ILLINOIS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, "THE QUALITY STANDARD FOR WORK ZONE TRAFFIC CONTROL DEVICES", THE DETAILS OF THESE PLANS, THE "2009 MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", THE SPECIAL PROVISION FOR "TRAFFIC CONTROL AND PROTECTION (ARTERIALS)" AND HIGHWAY STANDARDS 701801 AND 701901.
5. THE SIGNAGE SHOWN ON THE PLANS IS DEEMED TO BE THE MINIMUM REQUIRED. THE CONTRACTOR SHALL MAKE ALL CHANGES DEEMED NECESSARY BY THE ENGINEER, ADDITIONS AND DELETIONS OF TRAFFIC CONTROL FOR THIS DETOUR SHALL BE CONSIDERED INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION (SPECIAL)" AND WILL NOT BE PAID FOR SEPARATELY.
6. ALL SIGNS SHOWN SHALL BE FURNISHED, ERECTED, AND MAINTAINED BY THE CONTRACTOR, AND SHALL BE POST-MOUNTED IN THE GROUND PER ARTICLE 701.14 OF THE STANDARD SPECIFICATIONS AND STANDARD 701901 UNLESS OTHERWISE APPROVED BY THE ENGINEER.
7. ALL DETOUR SIGNS SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE ROAD IS REOPENED TO TRAFFIC.
8. THIS SHEET SHOWS A SCHEMATIC OF THE PEDESTRIAN DETOUR AND LOCATION OF THE DETOUR SIGNAGE. SOME OF THE SPECIFIC SIGNING DETAILS ARE ALSO SHOWN ON THE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN SHEETS.



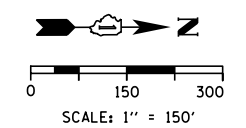
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	DRAWN - AMK	REVISED -
PLOT SCALE =	CHECKED - RPH	REVISED -
PLOT DATE = 4/18/2017	DATE - 05/02/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PEDESTRIAN DETOUR PLAN  
MONROE STREET

SCALE: SHEET NO. 11 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 90/94	2014-016R&B	COOK	378	45
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	



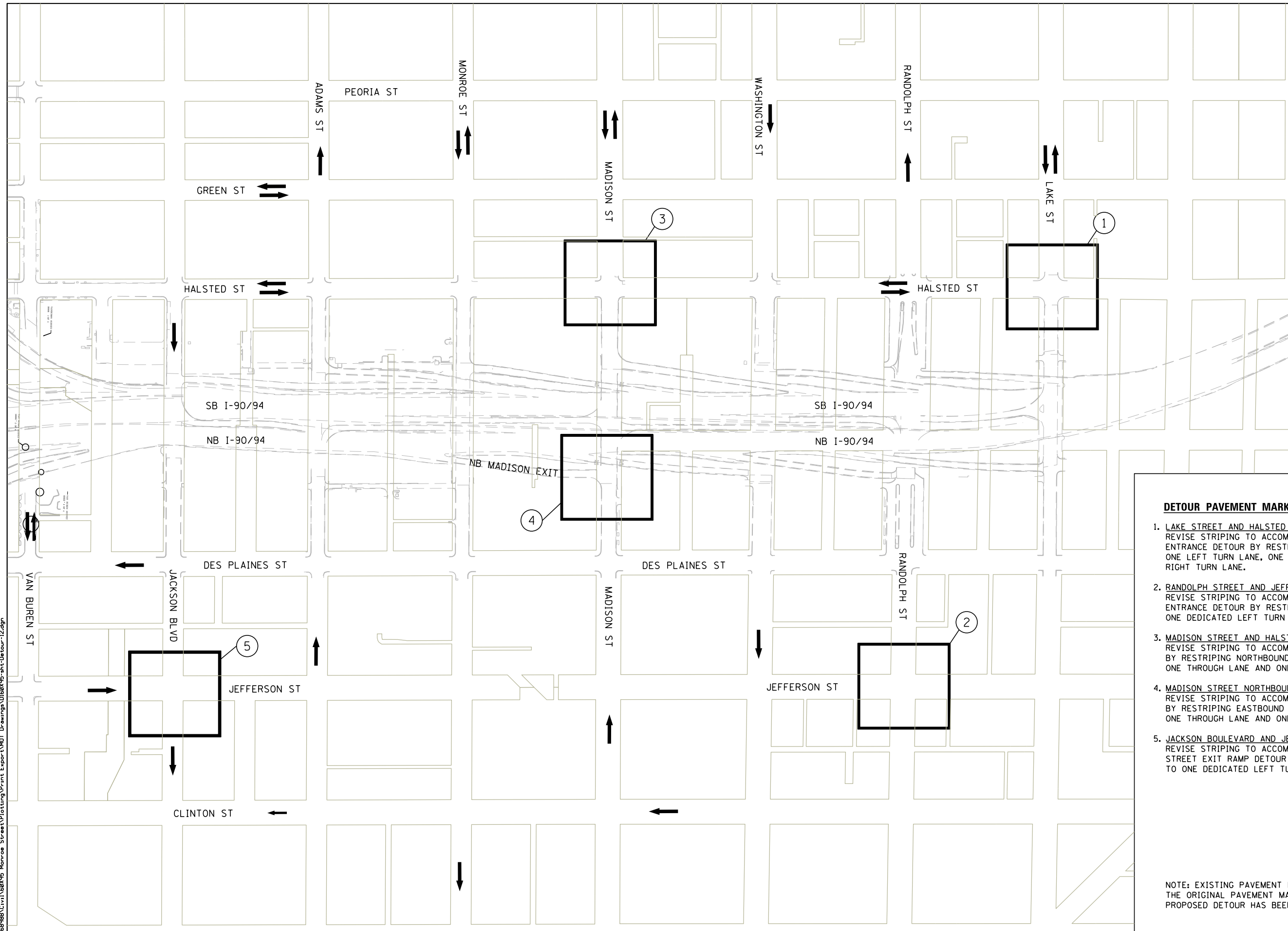
**LEGEND**

- AREA OF TEMPORARY PAVEMENT MARKING IMPROVEMENTS
- DIRECTION OF TRAFFIC

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	BY	
	DATE	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	BY	
	DATE	

FILE NAME = T:\169988\Civil\68X95 Monroe Streets\Plotting\Print Export\10168X95-ah+Detour-12.dgn



**DETOUR PAVEMENT MARKING NOTES**

1. LAKE STREET AND HALSTED STREET INTERSECTION  
REVISE STRIPING TO ACCOMMODATE THE MADISON SOUTHBOUND ENTRANCE DETOUR BY RESTRIPING NORTHBOUND HALSTED TO ONE LEFT TURN LANE, ONE THROUGH LANE AND ONE DEDICATED RIGHT TURN LANE.
2. RANDOLPH STREET AND JEFFERSON STREET INTERSECTION  
REVISE STRIPING TO ACCOMMODATE THE MADISON SOUTHBOUND ENTRANCE DETOUR BY RESTRIPING NORTHBOUND JEFFERSON TO ONE DEDICATED LEFT TURN LANE AND TWO THROUGH LANES.
3. MADISON STREET AND HALSTED STREET INTERSECTION  
REVISE STRIPING TO ACCOMMODATE THE MONROE STREET DETOUR BY RESTRIPING NORTHBOUND HALSTED TO ONE LEFT TURN LANE, ONE THROUGH LANE AND ONE DEDICATED RIGHT TURN LANE.
4. MADISON STREET NORTHBOUND EXIT RAMP  
REVISE STRIPING TO ACCOMMODATE THE MONROE STREET DETOUR BY RESTRIPING EASTBOUND MADISON TO ONE LEFT TURN LANE, ONE THROUGH LANE AND ONE THROUGH/RIGHT SHARED LANE.
5. JACKSON BOULEVARD AND JEFFERSON STREET INTERSECTION  
REVISE STRIPING TO ACCOMMODATE THE SOUTHBOUND MONROE STREET EXIT RAMP DETOUR BY RESTRIPING EASTBOUND JACKSON TO ONE DEDICATED LEFT TURN LANE AND TWO THROUGH LANES.

NOTE: EXISTING PAVEMENT MARKINGS SHALL BE RETURNED TO THE ORIGINAL PAVEMENT MARKING LAYOUT AFTER THE PROPOSED DETOUR HAS BEEN REMOVED.



USER NAME = Kucharski	DESIGNED - AMK	REVISED -
	DRAWN - AMK	REVISED -
PLOT SCALE =	CHECKED - RPH	REVISED -
PLOT DATE = 4/18/2017	DATE - 05/02/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETOUR PLAN  
LOCAL ROAD PAVEMENT MARKINGS - STAGE 1**

SCALE: SHEET NO. 12 OF 14 SHEETS STA. TO STA.

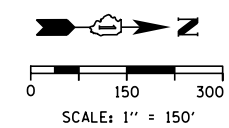
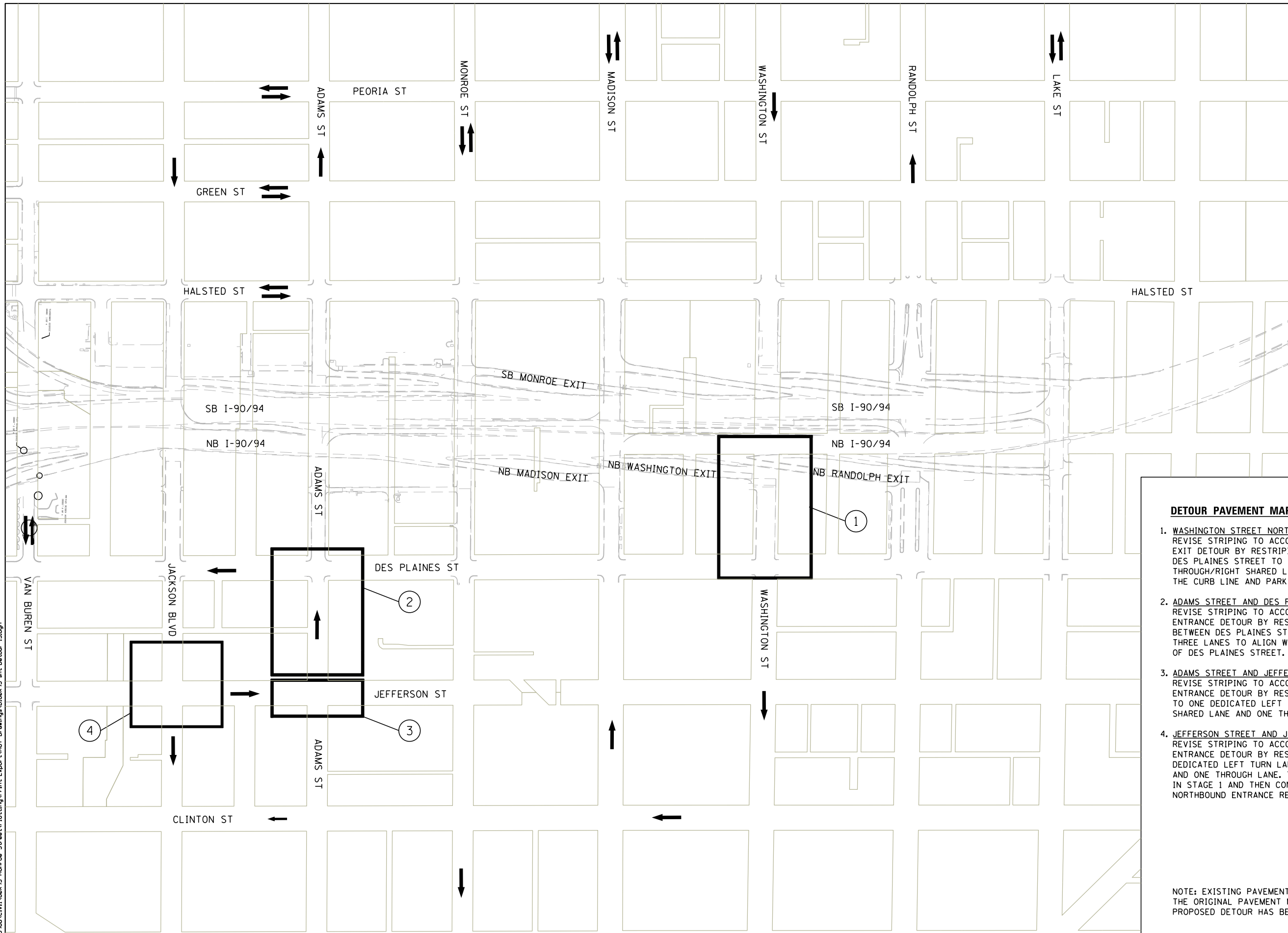
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2014-016R&B	COOK	378	46
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	



PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	STRUCTURE NOTATIONS OK'D	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	STRUCTURE NOTATIONS OK'D	
	FILE NAME	
	NO.	

FILE NAME = T:\168988\Civil\68985 Monroe Streets\Plotting\Print Export\10168985-ah+Detour-13.dgn



**LEGEND**

	AREA OF TEMPORARY PAVEMENT MARKING IMPROVEMENTS
	DIRECTION OF TRAFFIC

- DETOUR PAVEMENT MARKING NOTES**
- WASHINGTON STREET NORTHBOUND EXIT RAMP**  
REVISE STRIPING TO ACCOMMODATE THE MADISON NORTHBOUND EXIT DETOUR BY RESTRIPIING EASTBOUND WASHINGTON AT DES PLAINES STREET TO BE THREE THROUGH LANES AND ONE THROUGH/RIGHT SHARED LANE. THE BIKE LANE WILL SHIFT TO THE CURB LINE AND PARKING WILL BE ELIMINATED.
  - ADAMS STREET AND DES PLAINES STREET INTERSECTION**  
REVISE STRIPING TO ACCOMMODATE THE JACKSON NORTHBOUND ENTRANCE DETOUR BY RESTRIPIING THE BLOCK OF ADAMS STREET BETWEEN DES PLAINES STREET AND JEFFERSON STREET AS THREE LANES TO ALIGN WITH LANE STRIPING TO THE WEST OF DES PLAINES STREET.
  - ADAMS STREET AND JEFFERSON STREET INTERSECTION**  
REVISE STRIPING TO ACCOMMODATE THE JACKSON NORTHBOUND ENTRANCE DETOUR BY RESTRIPIING NORTHBOUND JEFFERSON TO ONE DEDICATED LEFT TURN LANE, ONE THROUGH/LEFT SHARED LANE AND ONE THROUGH LANE.
  - JEFFERSON STREET AND JACKSON BOULEVARD INTERSECTION**  
REVISE STRIPING TO ACCOMMODATE THE JACKSON NORTHBOUND ENTRANCE DETOUR BY RESTRIPIING EASTBOUND JACKSON TO ONE DEDICATED LEFT TURN LANE, ONE THROUGH/LEFT SHARED LANE AND ONE THROUGH LANE. THIS IS A MODIFICATION TO NUMBER 5 IN STAGE 1 AND THEN CONVERTED BACK AFTER THE JACKSON NORTHBOUND ENTRANCE RE-OPENS.
- NOTE: EXISTING PAVEMENT MARKINGS SHALL BE RETURNED TO THE ORIGINAL PAVEMENT MARKING LAYOUT AFTER THE PROPOSED DETOUR HAS BEEN REMOVED.

**PARSONS  
BRINCKERHOFF**

USER NAME = Kucharski	DESIGNED - AMK	REVISED -
	DRAWN - AMK	REVISED -
PLOT SCALE =	CHECKED - RPH	REVISED -
PLOT DATE = 4/18/2017	DATE - 05/02/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETOUR PLAN  
LOCAL ROAD PAVEMENT MARKINGS - STAGE 2**

SCALE: SHEET NO. 13 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 90/94	2014-016R&B	COOK	378	47
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	

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

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK NO.	CHECKED		
	STRUCTURE		
	NOTATIONS		

**LOCAL ROAD PAVEMENT MARKING SCHEDULE**

LOCATION	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4"	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 12"	POLYUREA PAVEMENT MARKING TYPE 1 - LETTERS AND SYMBOLS	PAVEMENT MARKING REMOVAL - WATER BLASTING
	FOOT	SO FOOT	FOOT	FOOT	SO FOOT	SO FOOT
LAKE STREET AND HALSTED STREET INTERSECTION	106		220		104	164
RANDOLPH STREET AND JEFFERSON STREET INTERSECTION	508	55				224
MADISON STREET AND HALSTED STREET INTERSECTION	324	55				163
MADISON STREET NB EXIT RAMP	203		153	200	55	422
JACKSON BOULEVARD AND JEFFERSON STREET INTERSECTION	396	52				239
WASHINGTON STREET NB EXIT RAMP	990	55				382
ADAMS STREET AND DES PLAINES STREET INTERSECTION	157					52
ADAMS STREET AND JEFFERSON STREET INTERSECTION		52				52
JEFFERSON STREET AND JACKSON BOULEVARD INTERSECTION		52				
TOTAL	2684	321	373	200	159	1698

NOTE: SUFFICIENT QUANTITIES FOR ONE PLACEMENT AND ONE REPLACEMENT OF LOCAL ROADWAY MARKINGS HAVE BEEN PROVIDED.

FILE NAME = T:\168988\Civil\68988\Monroe Streets\Plotting\Print Export\168988-sh-Detour-14.dgn



USER NAME = donahuekl	DESIGNED - AMK	REVISED -
	DRAWN - AMK	REVISED -
PLOT SCALE =	CHECKED - RPH	REVISED -
PLOT DATE = 7/13/2017	DATE - 07/14/2017	REVISED -

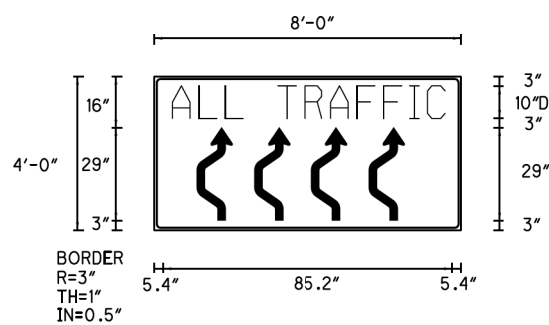
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DETOUR PLAN	
LOCAL ROAD PAVEMENT MARKINGS - SCHEDULE	
SCALE:	SHEET NO. 14 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 90/94	2014-016R&B	COOK	378	48
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	

DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	
DATE	
BY	
PLAN	
NO.	
DESCRIPTION	
DATE	
BY	

SIGN DETAIL  
1:50



SIGN NUMBER	TIS 1
WIDTH x HGHT.	8'-0" x 4'-0"
BORDER WIDTH	1"
CORNER RADIUS	3"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Orange
LEGEND/BORDER	TYPE: Reflective COLOR: Black

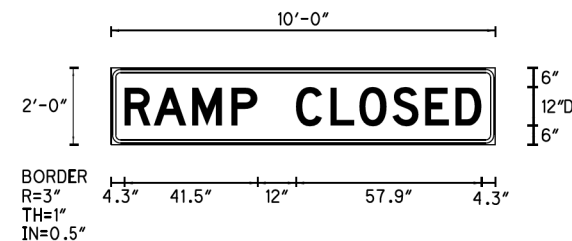
SYMBOL	ROT	X	Y	WID	HT
W24_1bR	0	21.0	3	11.3	29
W24_1bR	0	39.0	3	11.3	29
W24_1bR	0	57.0	3	11.3	29
W24_1bR	0	75.0	3	11.3	29

Panel Style: construction\_guide.ssi  
Dimensions are in inches,tenths  
Letter locations are panel edge to lower left corner  
M.U.T.C.D.: 2009 Edition

LETTER POSITIONS (X) LENGTH SERIES/SIZE

A	L	L	T	R	A	F	F	I	C			D	2000
5.4	15.4	23.1	29.3	39.3	47	54.6	64.6	72.3	80	83.8		85.2	10

SIGN DETAIL  
1:50



SIGN NUMBER	TIS 2
WIDTH x HGHT.	10'-0" x 2'-0"
BORDER WIDTH	1"
CORNER RADIUS	3"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Orange
LEGEND/BORDER	TYPE: Reflective COLOR: Black

SYMBOL	ROT	X	Y	WID	HT

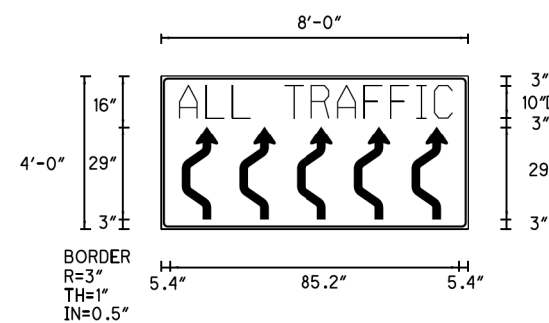
Panel Style: construction\_guide.ssi  
Dimensions are in inches,tenths  
Letter locations are panel edge to lower left corner  
M.U.T.C.D.: 2009 Edition

LETTER POSITIONS (X) LENGTH SERIES/SIZE

R	A	M	P	C	L	O	S	E	D			D	2000
4.3	13.4	25.4	37.6	45.8	57.8	68.6	77.6	87.9	98.1	107.6		111.4	12

DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	
DATE	
BY	
PROFILE	
NO.	
DESCRIPTION	
DATE	
BY	

SIGN DETAIL  
1:50



SIGN NUMBER	TIS 3
WIDTH x HGHT.	8'-0" x 4'-0"
BORDER WIDTH	1"
CORNER RADIUS	3"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Orange
LEGEND/BORDER	TYPE: Reflective COLOR: Black

SYMBOL	ROT	X	Y	WID	HT
W24_1bR	0	15.2	3	11.3	29
W24_1bR	0	33.2	3	11.3	29
W24_1bR	0	51.2	3	11.3	29
W24_1bR	0	69.2	3	11.3	29
W24_1bR	0	87.2	3	11.3	29

Panel Style: construction\_guide.ssi  
Dimensions are in inches,tenths  
Letter locations are panel edge to lower left corner  
M.U.T.C.D.: 2009 Edition

LETTER POSITIONS (X) LENGTH SERIES/SIZE

A	L	L	T	R	A	F	F	I	C			D	2000
5.4	15.4	23.1	29.3	39.3	47	54.6	64.6	72.3	80	83.8		85.2	10

**PARSONS BRINCKERHOFF**

USER NAME = Kucharski	DESIGNED -	MKW	REVISED -
	DRAWN -	BAW	REVISED -
PLOT SCALE =	CHECKED -	JLV	REVISED -
PLOT DATE = 4/18/2017	DATE -	05/02/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGING OF CONSTRUCTION AND TRAFFIC CONTROL  
SIGN PANEL DETAILS

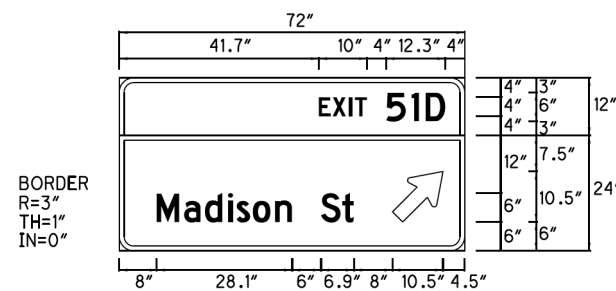
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 90/94	2014-016R&B	COOK	378	49
				CONTRACT NO. 60X95
ILLINOIS FED. AID PROJECT				

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DATE	
BY	
REVIEWED	
PLOTTED	
ALIGNED	
CHECKED	
FILE NAME	
PLAN	
NOTE BOOK	
NO.	

SIGN DETAIL



BORDER  
R=3"  
TH=1"  
IN=0"

SIGN NUMBER	TIS 4
WIDTH x HIGHT.	6'-0" x 3'-0"
BORDER WIDTH	1"
CORNER RADIUS	3"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Orange
LEGEND/BORDER	TYPE: Reflective COLOR: Black

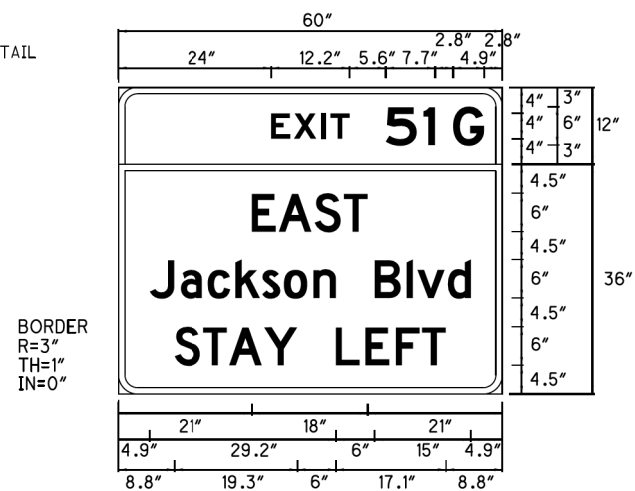
SYMBOL	ROT	X	Y	WID	HT
A	45	57.0	6.0	10.5	10.5

Panel Style:  
Dimensions are in: inches/tenths

LETTER POSITIONS (X)											LENGTH	SERIES/SIZE
E	X	I	T	5	1	D						D 2000
41.7	44.6	48.0	49.2	51.7	55.7	61.0	63.9					26.3 4/6
M	a	d	i	s	o	n	S	t				D 2000
8.0	13.7	18.0	22.8	24.6	28.0	32.6	36.1	42.1	46.6			41.0 6

DATE	
BY	
REVIEWED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS OK'D	
PROFILE	
NOTE BOOK	
NO.	

SIGN DETAIL



BORDER  
R=3"  
TH=1"  
IN=0"

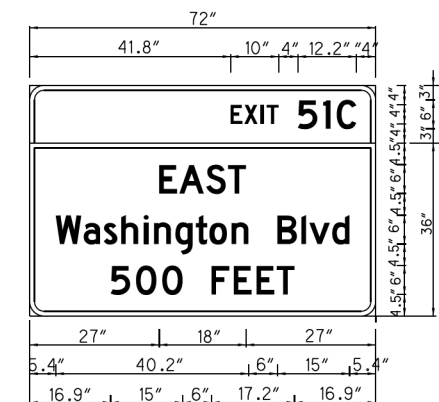
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CORNER RADIUS	3"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Orange
LEGEND/BORDER	TYPE: Reflective COLOR: Black

SYMBOL	ROT	X	Y	WID	HT

Panel Style:  
Dimensions are in: inches/tenths

LETTER POSITIONS (X)											LENGTH	SERIES/SIZE
E	X	I	T	5	1	G						E 2000
24.0	27.5	31.8	33.2	36.2	41.8	47.7	52.3					33.2 4/6
E	A	S	T									D 2000
21.0	25.2	30.8	35.3									18.0 6
J	a	c	k	s	a	n	B	l	v	d		D 2000
4.9	9.8	14.1	18.4	22.6	25.9	30.6	34.2	40.1	45.1	46.8	51.5	50.2 6
S	T	A	Y	L	E	F	T					D 2000
8.8	13.4	17.4	22.9	31.3	34.1	38.7	43.4	47.5				42.4 6

SIGN DETAIL



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TH=1"  
IN=0"

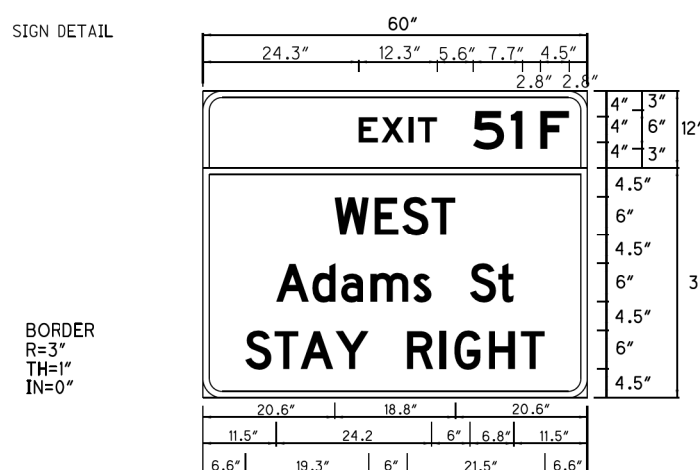
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BORDER WIDTH	1"
CORNER RADIUS	3"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Orange
LEGEND/BORDER	TYPE: Reflective COLOR: Black

SYMBOL	ROT	X	Y	WID	HT

Panel Style:  
Dimensions are in: inches/tenths

LETTER POSITIONS (X)											LENGTH	SERIES/SIZE			
E	X	I	T	5	1	C						D 2000			
41.8	44.7	48.1	49.3	55.8	61.1	63.9						26.2 4/6			
E	A	S	T									D 2000			
27.0	31.2	36.8	41.3									18.0 15			
W	a	s	h	i	n	g	t	o	n	B	l	v	d		D 2000
5.4	11.2	15.4	19.0	23.7	25.9	30.3	34.6	37.4	42.0	51.6	56.5	58.2	63.0		61.2 16
5	0	0	F	E	E	T									D 2000
16.9	22.1	27.6	37.9	42.5	47.2	51.4									38.2 12

SIGN DETAIL



BORDER  
R=3"  
TH=1"  
IN=0"

SIGN NUMBER	TIS 7
WIDTH x HIGHT.	5'-0" x 4'-0"
BORDER WIDTH	1"
CORNER RADIUS	3"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Orange
LEGEND/BORDER	TYPE: Reflective COLOR: Black

SYMBOL	ROT	X	Y	WID	HT

Panel Style:  
Dimensions are in: inches/tenths

LETTER POSITIONS (X)											LENGTH	SERIES/SIZE
E	X	I	T	5	1	F						D 2000
24.3	27.9	32.2	33.6	39.2	42.2	48.1	52.7					32.9 4/6
W	E	S	T									D 2000
20.6	26.8	31.1	35.7									18.8 6
A	d	a	m	s	S	t						D 2000
11.5	17.1	21.6	26.2	32.9	38.9	41.7	46.1					37.0 6
S	T	A	Y	R	I	G	H	T				D 2000
6.6	11.2	15.3	20.7	26.7	31.9	37.0	39.3	44.7	49.1			46.8 6

FILE NAME = T:\69988\Civil\69988\Monroe Street\Design\Signing\Received\_012517\Sheets\0160x95-Sht-5\TAGING-TEMP-SIGNS-02.dgn

**PARSONS  
BRINCKERHOFF**

USER NAME = Kucharski	DESIGNED - - MKW	REVISED - -
PLOT SCALE =	DRAWN - - BAW	REVISED - -
PLOT DATE = 4/18/2017	CHECKED - - JLV	REVISED - -
	DATE - - 05/02/2017	REVISED - -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGING OF CONSTRUCTION AND TRAFFIC CONTROL  
SIGN PANEL DETAILS

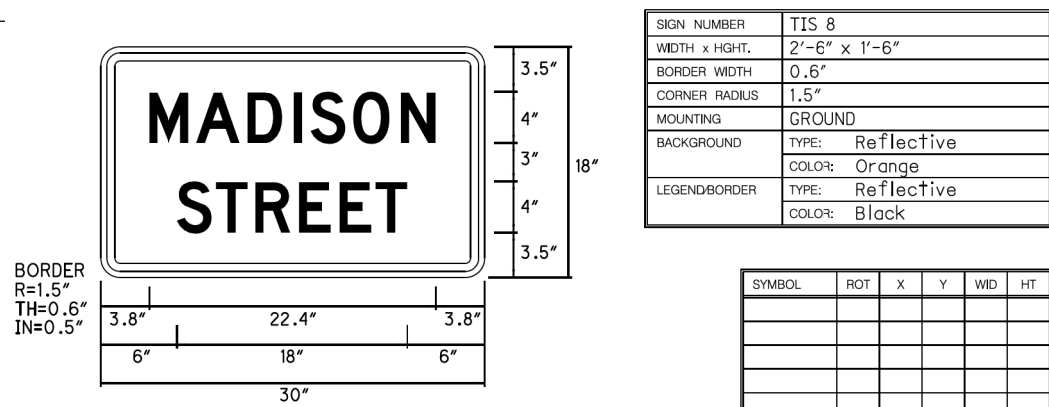
SCALE: 1"=50' SHEET NO. 2 OF 4 SHEETS STA. TO STA.

F.A.I. RTE. 90/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 50
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	

DATE	
BY	
PLAN	
REVIEWED	
PLOTTED	
ALIGNED	
CHECKED	
FILE NAME	
NOTE BOOK	
NO.	

DATE	
BY	
PROFILE	
REVIEWED	
PLOTTED	
GRADES CHECKED	
STRUCTURE	
NOTATRS CHFD	
NOTE BOOK	
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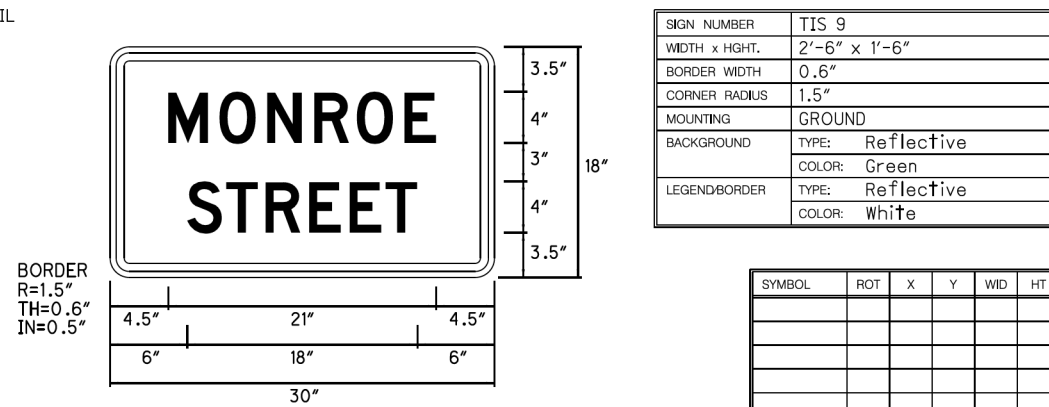
SIGN DETAIL



Panel Style:  
Dimensions are in inches/tenths

LETTER POSITIONS (X)												LENGTH	SERIESIZE	
M	A	D	I	S	O	N								D 2000
3.8	7.5	11.5	15.1	16.4	19.8	23.5								22.4 4
S	T	R	E	E	T									D 2000
6.0	9.1	12.1	15.5	18.7	21.5									18.0 4

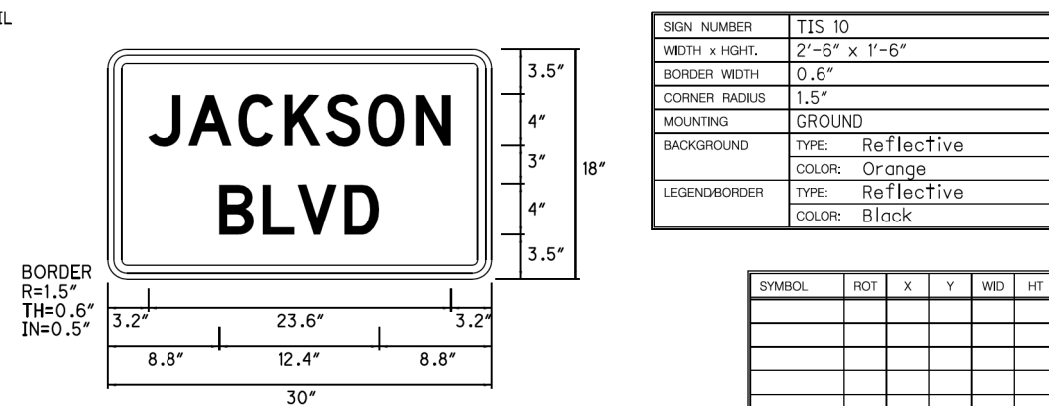
SIGN DETAIL



Panel Style:  
Dimensions are in inches/tenths

LETTER POSITIONS (X)												LENGTH	SERIESIZE	
M	O	N	R	O	E									D 2000
4.5	8.5	12.3	15.9	19.3	23.0									21.0 4
S	T	R	E	E	T									D 2000
6.0	9.1	12.1	15.5	18.7	21.5									18.0 4

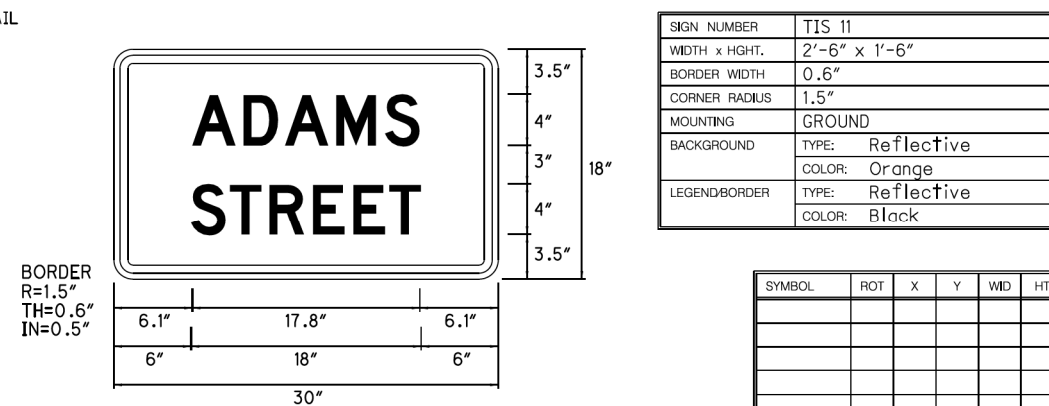
SIGN DETAIL



Panel Style:  
Dimensions are in inches/tenths

LETTER POSITIONS (X)												LENGTH	SERIESIZE	
J	A	C	K	S	O	N								D 2000
3.2	6.3	10.3	13.9	17.1	20.4	24.1								23.6 4
B	L	V	D											D 2000
8.8	12.2	14.9	18.5											12.4 4

SIGN DETAIL



Panel Style:  
Dimensions are in inches/tenths

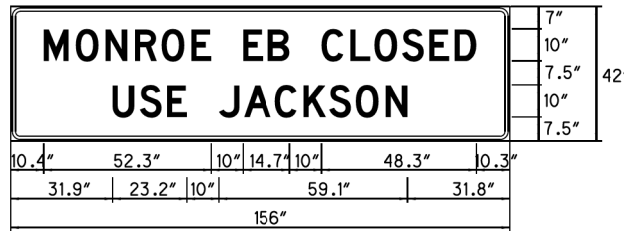
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6.1	10.1	13.4	17.4	21.2										17.8 4
S	T	R	E	E	T									D 2000
6.0	9.1	12.1	15.5	18.7	21.5									18.0 4

DATE	
BY	
PLAN	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE	
NOTATIONS OK'D	
NOTE BOOK NO.	
FILE NAME	

DATE	
BY	
PROFILE	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE	
NOTATIONS OK'D	
NOTE BOOK NO.	
FILE NAME	

SIGN DETAIL

BORDER  
R=3"  
TH=1"  
IN=0.5"



SIGN NUMBER	TIS 12
WIDTH x HGHT.	13'-0" x 3'-6"
BORDER WIDTH	1"
CORNER RADIUS	3"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Orange
LEGEND/BORDER	TYPE: Reflective COLOR: Black

SYMBOL	ROT	X	Y	WID	HT

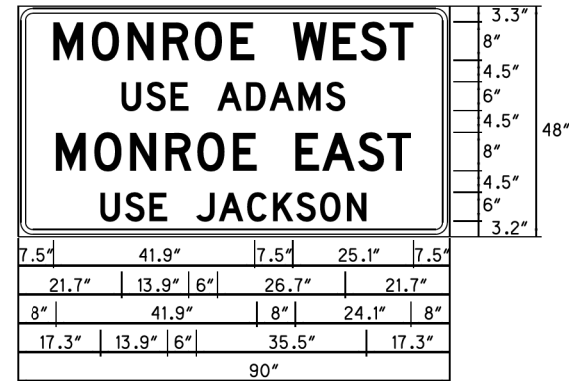
Panel Style: construction\_guide.sst  
Dimensions are in inches, tenths  
Letter locations are panel edge to lower left corner  
M.U.T.C.D.: 2009 Edition

LETTER POSITIONS (X) LENGTH SERIES/SIZE

M	O	N	R	O	E	E	B	C	L	O	S	E	D	D	
10.4	20.4	29.7	38.9	47.2	56.5	66.5	72.7	80.6	90.6	97.4	106.4	113.9	122.5	131.0	138.9
															D 2000
															10
U	S	E	J	A	C	K	S	O	N						
31.9	40.4	48.9	58.9	65.1	73.0	82.8	91.8	99.9	108.1	117.4					
															D 2000
															10

SIGN DETAIL

BORDER  
R=3"  
TH=1"  
IN=0.5"



SIGN NUMBER	TIS 13
WIDTH x HGHT.	9'-6" x 2'-0"
BORDER WIDTH	1"
CORNER RADIUS	3"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Orange
LEGEND/BORDER	TYPE: Reflective COLOR: Black

SYMBOL	ROT	X	Y	WID	HT

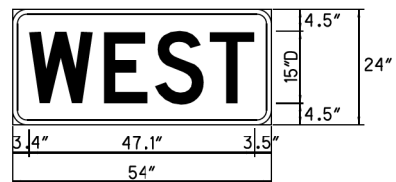
Panel Style: construction\_guide.sst  
Dimensions are in inches, tenths  
Letter locations are panel edge to lower left corner  
M.U.T.C.D.: 2009 Edition

LETTER POSITIONS (X) LENGTH SERIES/SIZE

M	O	N	R	O	E	W	E	S	T						
7.5	15.5	23.0	30.3	37.0	44.4	52.4	57.4	65.7	71.4	77.5					
															D 2000
															8
U	S	E	J	A	C	K	S	O	N						
21.7	26.8	31.9	38.9	41.6	47.6	52.5	58.5	64.2							
															D 2000
															6
M	O	N	R	O	E	E	A	S	T						
8.0	16.0	23.5	30.8	37.5	44.9	52.9	57.9	63.5	70.9	77.0					
															D 2000
															8
U	S	E	J	A	C	K	S	O	N						
17.3	22.4	27.5	33.5	37.2	42.0	47.8	53.2	58.0	63.0	68.6					
															D 2000
															6

SIGN DETAIL

BORDER  
R=3"  
TH=1"  
IN=0.0"



SIGN NUMBER	TIS 14
WIDTH x HGHT.	4'-6" x 2'-0"
BORDER WIDTH	1"
CORNER RADIUS	3"
MOUNTING	Overlay
BACKGROUND	TYPE: Reflective COLOR: Orange
LEGEND/BORDER	TYPE: Reflective COLOR: Black

SYMBOL	ROT	X	Y	WID	HT

Panel Style: construction\_guide.sst  
Dimensions are in inches, tenths  
Letter locations are panel edge to lower left corner  
M.U.T.C.D.: 2009 Edition

LETTER POSITIONS (X) LENGTH SERIES/SIZE

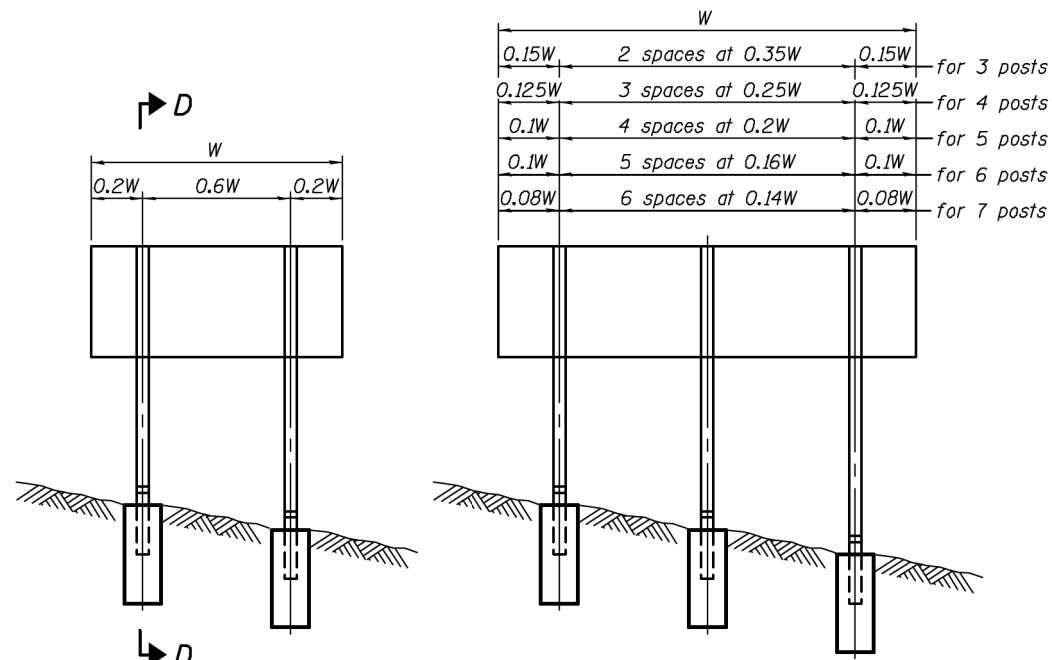
W	E	S	T												
3.4	19.0	29.8	41.2												
															D 2000
															15

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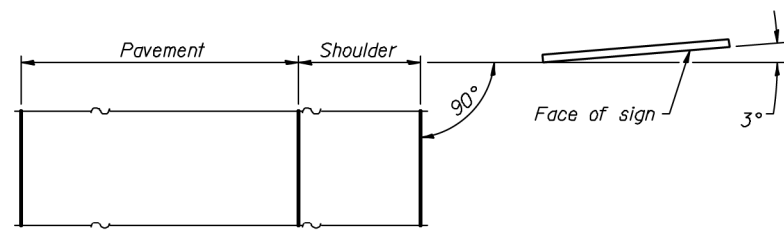
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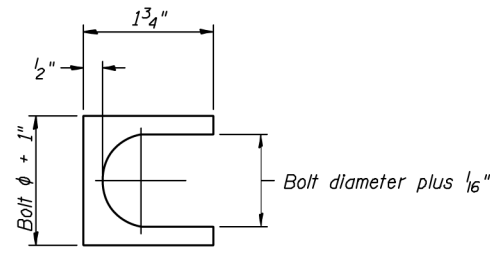
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**ELEVATION**

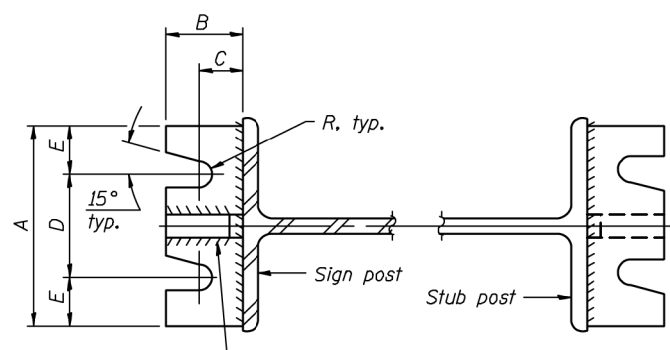


**LOCATION SKETCH**



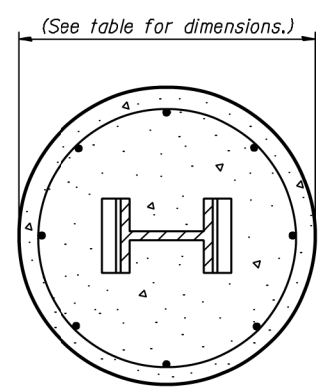
**SHIM DETAIL**

Furnish two 0.01" thick and two 0.03" thick stainless steel or brass (ASTM B36) shims per post.

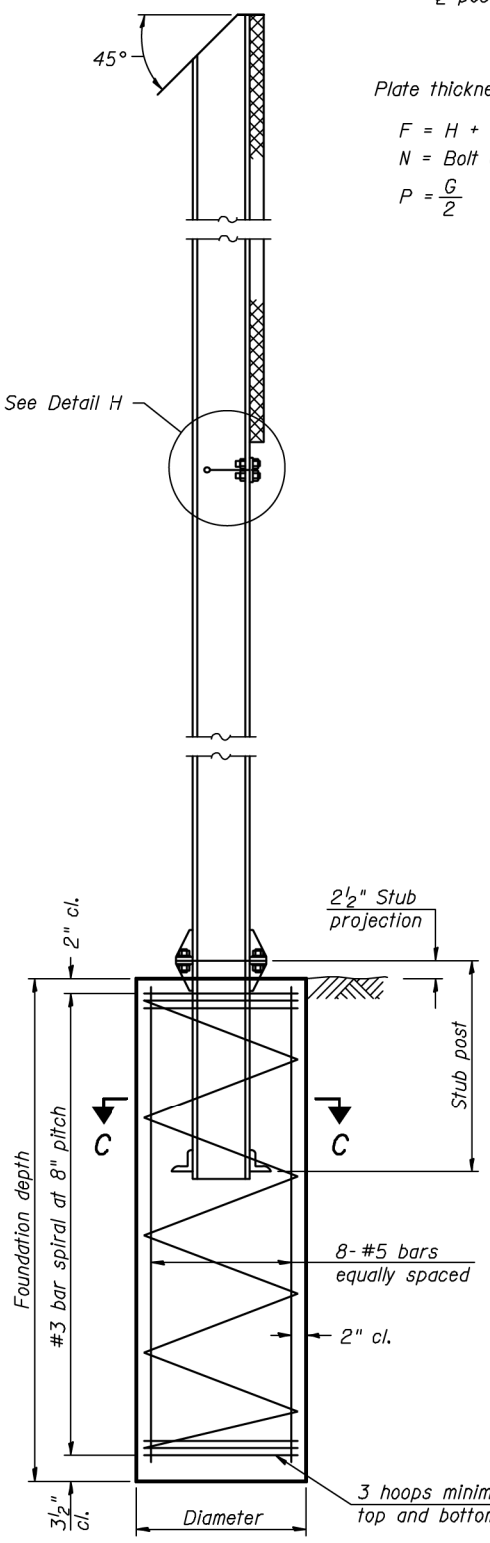


**SECTION A-A**

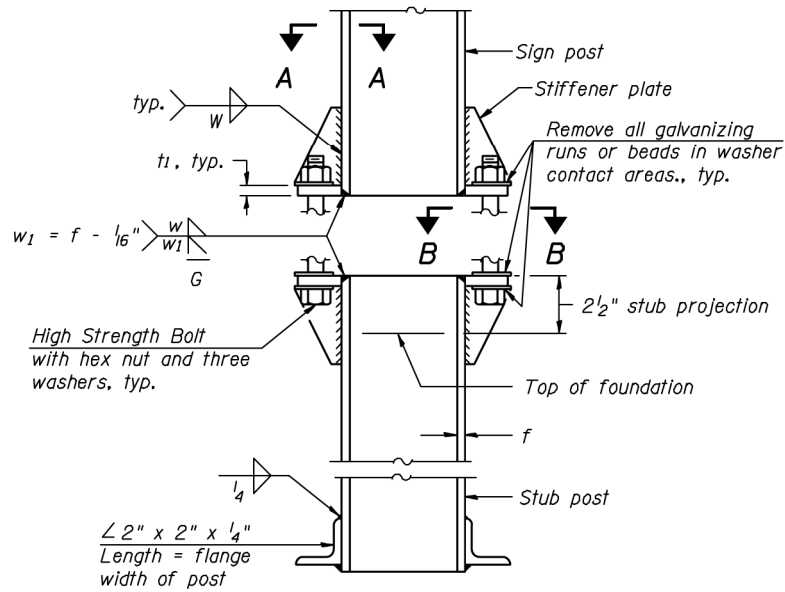
**SECTION B-B**



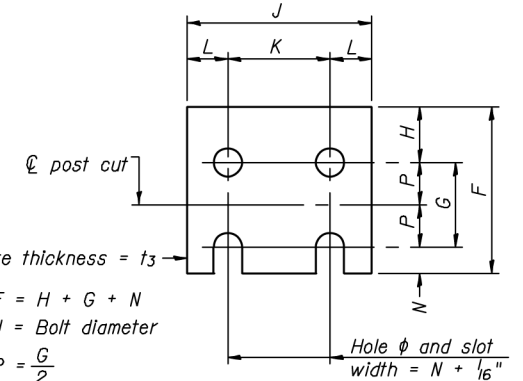
**SECTION C-C**



**SECTION D-D**



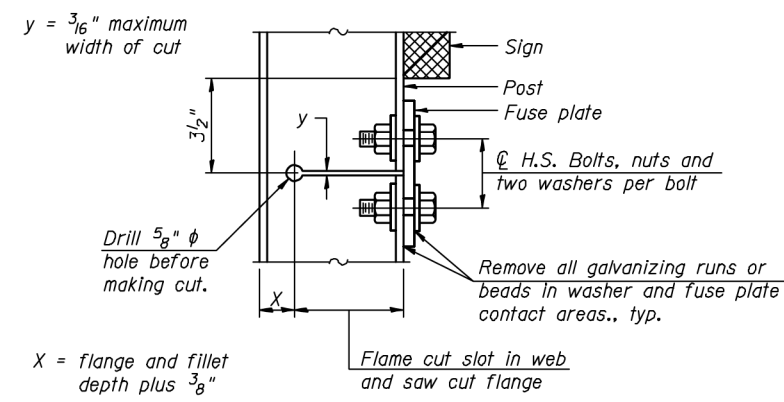
**ELEVATION  
SIGN POST & STUB POST**



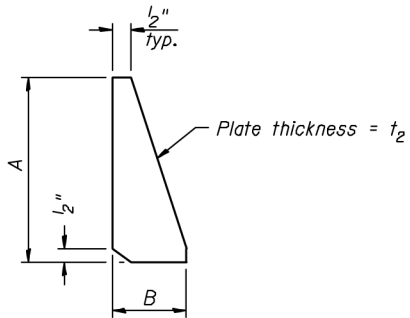
**FUSE PLATE DETAIL**

(Install with notches down.)

FUSE PLATE DATA		
N = Bolt Diameter	G	H
1/2"	2"	1 1/8"
5/8"	2 1/4"	1 1/4"
3/4"	2 1/2"	1 3/8"
7/8"	2 3/4"	1 1/2"
1"	3"	1 5/8"
1 1/8"	3 1/4"	1 3/4"
1 1/4"	3 1/2"	1 7/8"



**DETAIL H**



**STIFFENER PLATE DETAIL**

**GENERAL NOTES**

Posts shall be plumbed by using shims with post-to-stub post connection bolts snug tight only. Final tightening of all High Strength Bolts shall be in accordance with Article 727.05 and threads at the junction of the bolt and nut shall be burred or center punched to prevent the nut from loosening.

LOADING: 80 m.p.h. wind with 30% gust factor, normal to sign.

DESIGN STRESSES:  
Structural steel - 20,000 p.s.i.  
Reinforcing steel - 20,000 p.s.i.  
Concrete - 1,400 p.s.i.  
Footing soil pressure - 2,000 p.s.f.

After fabrication, the post, fuse plate and upper 6", min. of the stub post shall be hot-dip galvanized in accordance with AASHTO M11. All bolts, nuts and washers shall be hot-dip galvanized in accordance with AASHTO M232.

Work this sheet with Base Sheet BAW-A-2.

BAW-A-1

6-1-12

(Sheet 1 of 2)

**PARSONS  
BRINCKERHOFF**

USER NAME = Kucharski	DESIGNED - -	REVISED -
PLOT SCALE =	DRAWN - -	REVISED -
PLOT DATE = 4/18/2017	CHECKED - -	REVISED -
	DATE - -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BREAK AWAY WIDE FLANGE  
STEEL SIGN POST DETAIL**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE. 90/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 53
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X95	

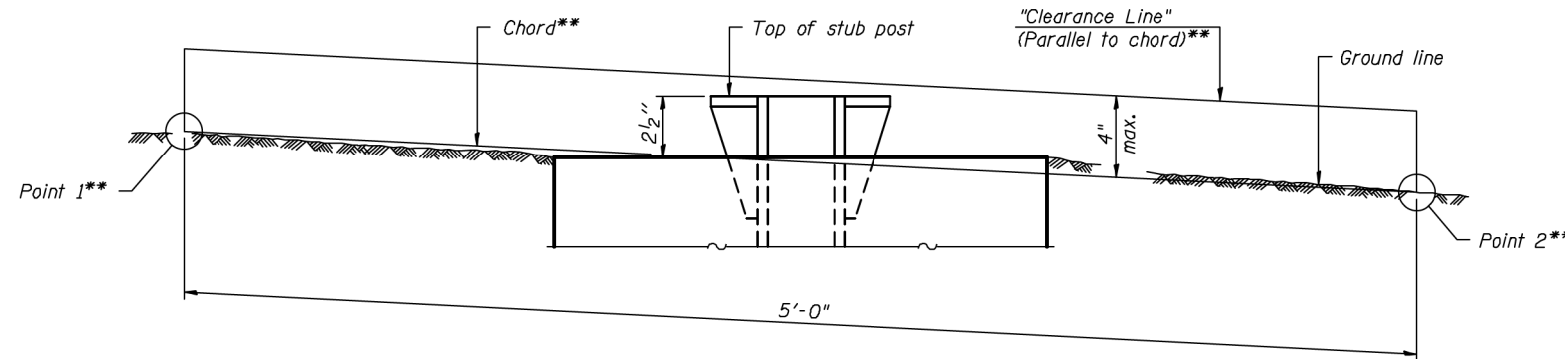
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SURVEYED	
PLOTTED	
ALIGNED	
CHECKED	
FILED	
PLAN	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE	
NOTATIONS	
PROFILE	
NOTE BOOK	
NO.	

POST	CONCRETE FOUNDATION TABLE							POST TO STUB POST CONNECTION DATA										FUSE PLATE DATA					
	Foundation			Reinforcement			Stub Post Length	Bolt Size	A	B	C	D	E	t <sub>1</sub>	t <sub>2</sub>	R	W	J	K	L	t <sub>3</sub>		
	Diameter	* Minimum Depth	Concrete cu. yds. ①	Vertical Bars Length	Bar Spirals Diameter	Bar Spirals Length																lbs. ②	
W6x9	2'-0"	6'-0"	0.70	5'-9"	1'-8 1/2"	79'-0"	78	2'-3"	5/8" x 3/4"	6"	2 1/4"	1 1/4"	3 1/2"	1 1/4"	3/4"	1/2"	1 1/2"	1 1/4"	4"	2 1/4"	7/8"	1/4"	
W6x15	2'-0"	6'-0"	0.70	5'-9"	1'-8 1/2"	79'-0"	78	2'-6"	5/8" x 3/4"	6"	2 1/4"	1 1/4"	3 1/2"	1 1/4"	3/4"	1/2"	1 1/2"	1 1/4"	6"	3 1/2"	1 1/4"	3/8"	
W8x18	2'-0"	6'-0"	0.70	5'-9"	1'-8 1/2"	79'-0"	78	2'-6"	3/4" x 3/4"	6"	2 1/2"	1 3/8"	3 1/4"	1 3/8"	1"	1/2"	1 1/2"	5/16"	5 1/4"	2 3/4"	1 1/4"	3/8"	
W10x22	2'-6"	6'-6"	1.18	6'-3"	2'-2 1/2"	105'-0"	92	3'-0"	3/4" x 3/4"	6"	2 1/2"	1 3/8"	3 1/4"	1 3/8"	1"	1/2"	1 1/2"	5/16"	5 3/4"	2 3/4"	1 1/2"	1/2"	
W10x26	2'-6"	7'-0"	1.27	6'-9"	2'-2 1/2"	112'-0"	98	3'-0"	7/8" x 4"	7"	2 3/4"	1 1/2"	4"	1 1/2"	1"	3/4"	1 1/2"	5/32"	3/8"	5 3/4"	2 3/4"	1 1/2"	5/8"
W12x26	2'-6"	7'-9"	1.41	7'-6"	2'-2 1/2"	119'-0"	107	3'-0"	7/8" x 4"	7"	2 3/4"	1 1/2"	4"	1 1/2"	1"	3/4"	1 1/2"	5/32"	3/8"	6 1/2"	3 1/2"	1 1/2"	5/8"
W14x30	3'-0"	7'-3"	1.90	7'-0"	2'-8 1/2"	145'-0"	113	3'-0"	7/8" x 4"	7"	2 3/4"	1 1/2"	4"	1 1/2"	1"	3/4"	1 1/2"	5/32"	3/8"	6 3/4"	3 1/2"	1 5/8"	1/2"
W14x38	3'-0"	8'-0"	2.09	7'-9"	2'-8 1/2"	153'-0"	122	3'-6"	1" x 4 1/2"	7 1/2"	3"	1 3/4"	4"	1 3/4"	1 1/4"	3/4"	1 1/2"	5/32"	3/8"	6 3/4"	3 1/2"	1 5/8"	1/2"
W16x45	3'-0"	8'-6"	2.23	8'-3"	2'-8 1/2"	162'-0"	130	3'-6"	1" x 4 1/2"	7 1/2"	3"	1 3/4"	4"	1 3/4"	1 1/4"	3/4"	1 1/2"	5/32"	3/8"	7"	3 1/2"	1 3/4"	1/2"

\*Dimensional changes required for varying site conditions shall be approved by the Engineer.

POST	FUSE PLATE BOLT SIZE																					
	Sign Height																					
	4'-0"	5'-0"	6'-0"	7'-0"	8'-0"	9'-0"	10'-0"	11'-0"	12'-0"	13'-0"	14'-0"	15'-0"	16'-0"	17'-0"	18'-0"	19'-0"	20'-0"	21'-0"	22'-0"	23'-0"	24'-0"	
W6x9	1/2" x 1 1/2"	1/2" x 1 1/2"	1/2" x 1 1/2"	1/2" x 1 1/2"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
W6x15	1/2" x 1 3/4"	1/2" x 1 3/4"	1/2" x 1 3/4"	5/8" x 2"	5/8" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	—	—	—	—	—	—	—	—	—	—	—	
W8x18	1/2" x 1 3/4"	1/2" x 1 3/4"	1/2" x 1 3/4"	1/2" x 1 3/4"	5/8" x 2"	5/8" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	—	—	—	—	—	—	—	—	—	—	—	
W10x22	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2"	5/8" x 2"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	—	—	—	—	—	—	—	—	
W10x26	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	—	—	—	—	—	—	—	
W12x26	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	—	—	—	—	—	—	
W14x30	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2"	5/8" x 2"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	—	—	—	—	—	—	
W14x38	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	7/8" x 2 1/2"	7/8" x 2 1/2"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"
W16x45	—	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	3/4" x 2 1/2"	3/4" x 2 1/2"	7/8" x 2 1/2"	7/8" x 2 1/2"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"



**ELEVATION**  
**GROUND LINE & STUB POST**

\*\* For all "Point 1" and "Point 2" locations, "Clearance Line" must be at or above top of stub post.

- ① Quantity includes all concrete necessary for one foundation.
- ② Includes reinforcement bars and spiral hooping for one foundation.

BAW-A-2

6-1-12

(Sheet 2 of 2)

**PARSONS**  
**BRINCKERHOFF**

USER NAME = Kucharski	DESIGNED - -	REVISED -
	DRAWN - -	REVISED -
PLOT SCALE =	CHECKED - -	REVISED -
PLOT DATE = 4/18/2017	DATE - -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BREAK AWAY WIDE FLANGE  
STEEL SIGN POST DETAIL

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 90/94	2014-016R&B	COOK	378	54
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	

FILE NAME = T:\168988\Civil\68X95 Monroe Street\Design\Signing\Received\_012517\Sheets\0168X95-Sht-STAGING-TEMP-SIGNS-06.dgn



**STAGING SCHEDULE**

LOCATION	TEMPORARY CONCRETE BARRIER	BARRIER WALL REFLECTORS, TYPE C	RELOCATE TEMPORARY CONCRETE BARRIER	PINNING TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW) TEST LEVEL 3	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE) TEST LEVEL 3	TEMPORARY EPOXY PAVEMENT MARKING - LINE 4"	TEMPORARY EPOXY PAVEMENT MARKING - LINE 5"	TEMPORARY EPOXY PAVEMENT MARKING - LINE 8"	TEMPORARY EPOXY PAVEMENT MARKING - LINE 12"	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	TEMPORARY INFORMATION SIGNING	PAVEMENT MARKING REMOVAL - WATER BLASTING	TEMPORARY EPOXY PAVEMENT MARKINGS - LETTERS AND SYMBOLS	TEMPORARY PAVEMENT MARKING - LINE 6"	SIGN PANEL OVERLAY
	FOOT	EACH	FOOT	EACH	EACH	EACH	FOOT	FOOT	FOOT	FOOT	EACH	SO FT	SO FT	SO FT	FOOT	SO FT
MONROE STREET BRIDGE	175	14					546				4	230	309			
STAGE 1A	1037.5	83		78	2		4574	2709	6949	100		373	11239	82		9
STAGE 1A-1	275	22										46				
STAGE 1B							2032	2438	7774	304			7344	41		
STAGE 1B-1		18	225	30	1				732			118				
STAGE 2A	1387.5	129	225	246	1	1	5405	1846	6658	406		390	488		908	
STAGE 2B		28	350	42		1							10313		608	
STAGE 3				129									41	21		
TOTAL	2875	294	800	525	4	2	12557	6993	22113	810	4	1157	29734	144	1516	9

NOTES:

- ALL TEMPORARY PAVEMENT MARKINGS SHOWING DETERIORATION AFTER 7 DAYS SHALL BE REPLACED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. SUFFICIENT QUANTITIES FOR ONE PLACEMENT AND ONE REPLACEMENT OF MARKINGS HAVE BEEN PROVIDED FOR EACH STAGE.
- WATER BLASTING QUANTITIES INCLUDE SUFFICIENT QUANTITIES FOR TWO FULL TEMPORARY PAVEMENT REMOVALS.
- WATER BLASTING REMOVAL QUANTITIES SHOWN IN THE STAGE MARKINGS ARE PLACED. EXISTING SOUTHBOUND MARKING REMOVAL QUANTITIES INCLUDED IN STAGE 1A. EXISTING NORTHBOUND MARKING REMOVAL QUANTITIES INCLUDED IN STAGE 2A.

**PINNING TEMPORARY CONCRETE BARRIER**

STAGE	BEGIN STATION	RT / LT	END STATION	NUMBER OF TRANSITIONS	ALIGNMENT	DESCRIPTION	PINS
1A	0031+35	RT	0032+94	2	E-KDR-SB		39
1A	0031+23	RT	0031+35		E-KDR-SB	TRANSITION	3
1A	0032+94	RT	0033+07		E-KDR-SB	TRANSITION	3
1A	0031+36	LT	0032+55	1	E-KDR-SB		30
1A	0032+55	LT	0032+67		E-KDR-SB	TRANSITION	3
1B-1	0031+84	LT	0033+08	0	E-KDR-SB		30
2A	0031+42	LT	0034+35	1	E-KDR-SB		72
2A	0034+35	LT	0034+48		E-KDR-SB	TRANSITION	3
2A	0031+48	LT	0034+09	1	E-KDR-SB		63
2A	0034+09	LT	0034+22		E-KDR-SB	TRANSITION	3
2A	0031+49	LT	0034+10	1	E-KDR-SB		63
2A	0034+10	LT	0034+23		E-KDR-SB	TRANSITION	3
2A	0031+57	RT	0032+88	2	E-KDR-NB		33
2A	0031+45	RT	0031+57		E-KDR-NB	TRANSITION	3
2A	0032+88	RT	0033+01		E-KDR-NB	TRANSITION	3
2B	0030+32	RT	0031+87	1	E-KDR-NB		39
2B	0030+20	RT	0030+32		E-KDR-NB	TRANSITION	3
PERMANENT PINNING							
3	0031+62	LT	0034+01	0	E-KDR-SB		60
3	0030+54	LT	0031+83	0	E-KDR-SB		33
3	0030+42	LT	0031+83	0	E-KDR-SB		36
						TOTAL	525

PLAN	SUBMITTED	DATE
	PLOTTED	
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	FILE NAME	
NOTE BOOK NO.		

PROFILE	SUBMITTED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
NOTE BOOK NO.		

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USER NAME = donahuek1	DESIGNED - AMK	REVISED -
	DRAWN - AMK	REVISED -
PLOT SCALE =	CHECKED - RPH	REVISED -
PLOT DATE = 7/13/2017	DATE - 07/14/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN  
SCHEDULE

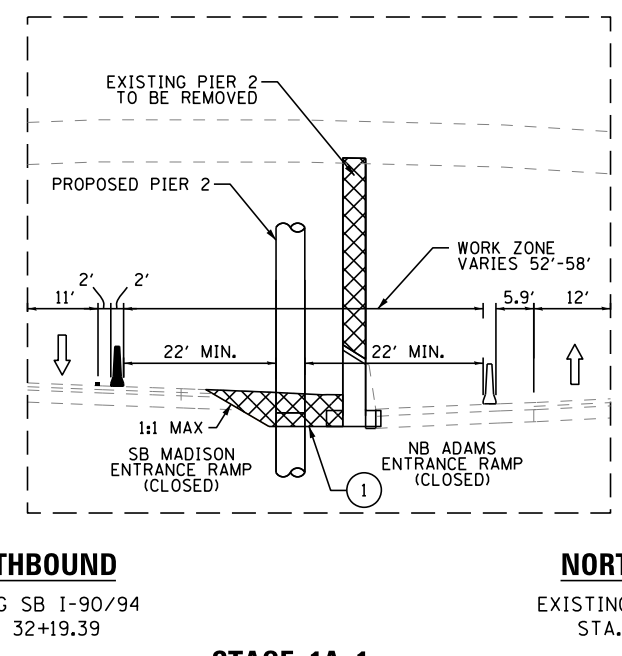
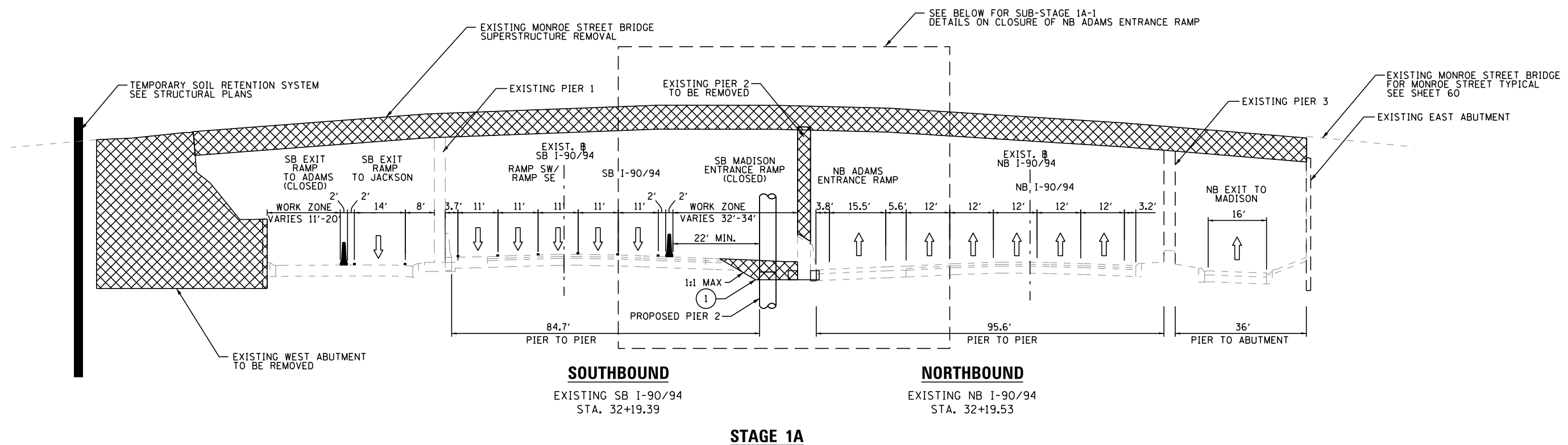
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE. 90/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 55
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	

DATE	
BY	
SURVEYED	
PLOTTED	
ALIGNMENT CHECKED	
NOTE BOOK NO.	
FILE NAME	

DATE	
BY	
SURVEYED	
PLOTTED	
GRADES CHECKED	
NOTE BOOK NO.	
STRUCTURE NOTATIONS CHECKED	

FILE NAME = T:\168988\Civil\68988\Monroe Street\Plotting\Print\Export\IMOT Drawings\168988-ahh-Steering-1p-01.dgn



LEGEND	
	WORK ZONE
	TEMPORARY PAVEMENT MARKING
	TEMPORARY CONCRETE BARRIER - UNPINNED
	TEMPORARY CONCRETE BARRIER - PINNED
	DIRECTION OF TRAFFIC
	PROPOSED PAVEMENT

**PARSONS BRINCKERHOFF**

USER NAME = Kucharski	DESIGNED - AMK	REVISED -
	DRAWN - AMK	REVISED -
PLOT SCALE =	CHECKED - RPH	REVISED -
PLOT DATE = 4/18/2017	DATE - 05/02/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

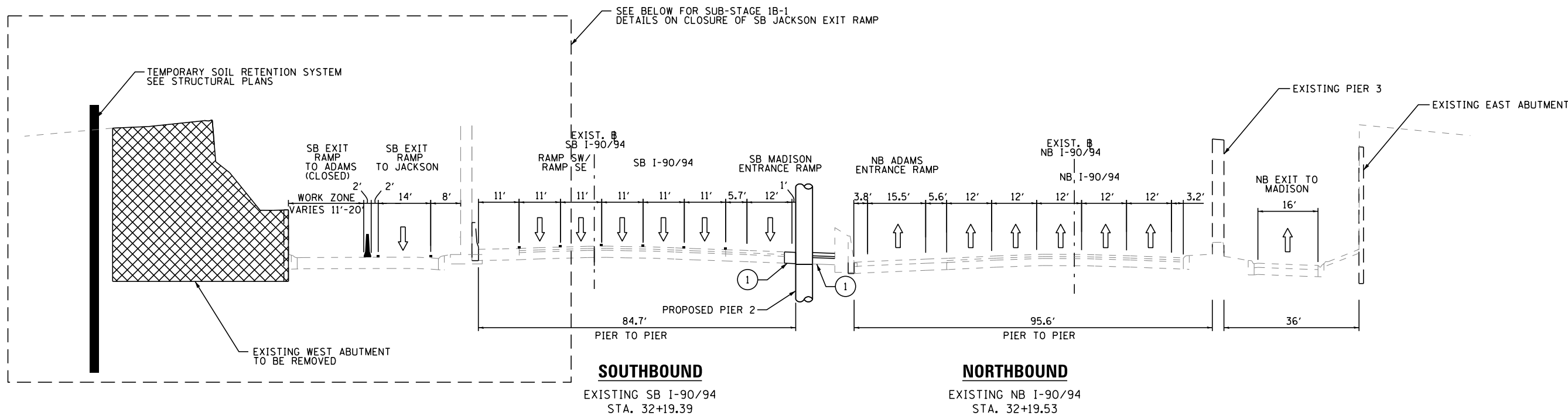
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN			
TYPICAL SECTIONS - MAINLINE STAGES 1A AND 1A-1			
SCALE:	SHEET NO. 1 OF 5 SHEETS	STA.	TO STA.

F.A.I. RTE. 90/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 56
			CONTRACT NO. 60X95	
ILLINOIS FED. AID PROJECT				

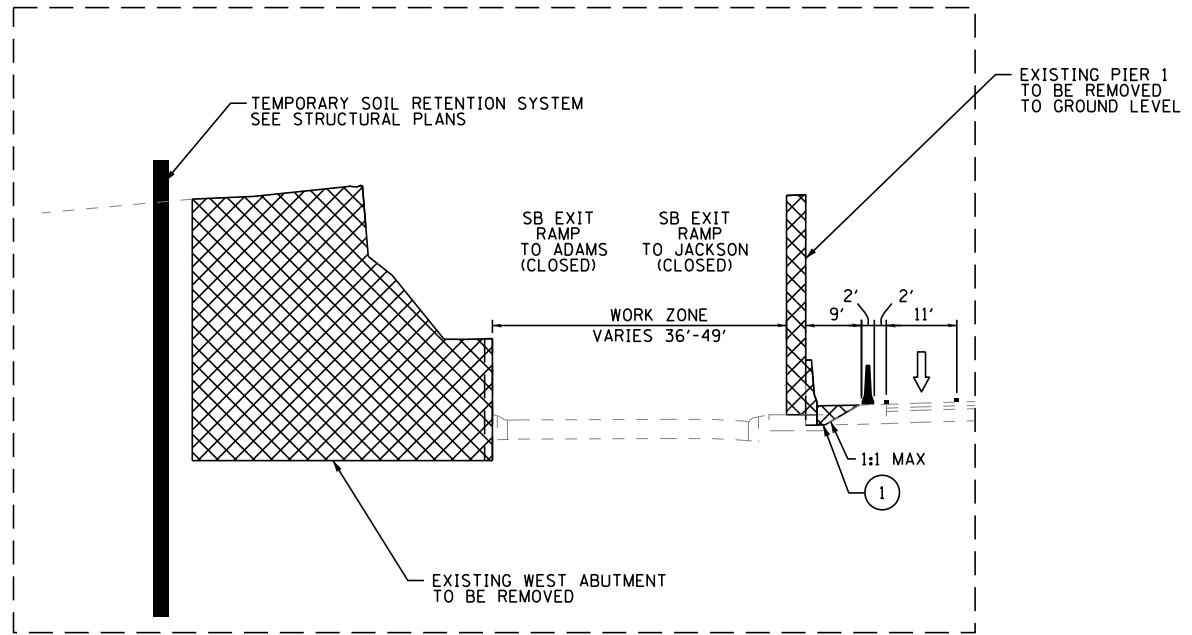
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	PLOTTED	
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	NOTE BOOK NO.	
	FILE NAME	

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

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**STAGE 1B**



**STAGE 1B-1**  
**SB JACKSON EXIT RAMP TEMPORARY CLOSURE**

**LEGEND**

- WORK ZONE
- TEMPORARY PAVEMENT MARKING
- TEMPORARY CONCRETE BARRIER - UNPINNED
- TEMPORARY CONCRETE BARRIER - PINNED
- DIRECTION OF TRAFFIC
- PROPOSED PAVEMENT



USER NAME = Kucharski	DESIGNED - AMK	REVISED -
	DRAWN - AMK	REVISED -
PLOT SCALE =	CHECKED - RPH	REVISED -
PLOT DATE = 4/18/2017	DATE - 05/02/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN**  
**TYPICAL SECTIONS - MAINLINE STAGES 1B AND 1B-1**

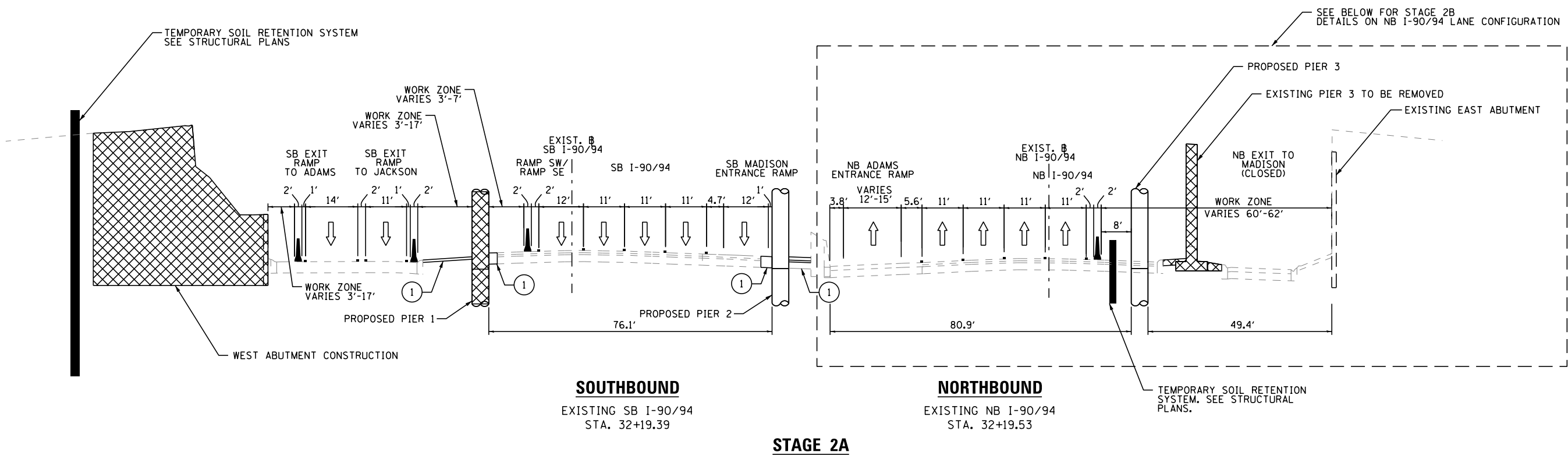
SCALE: SHEET NO. 2 OF 5 SHEETS STA. TO STA.

F.A.I. RTE. 90/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 57
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	

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

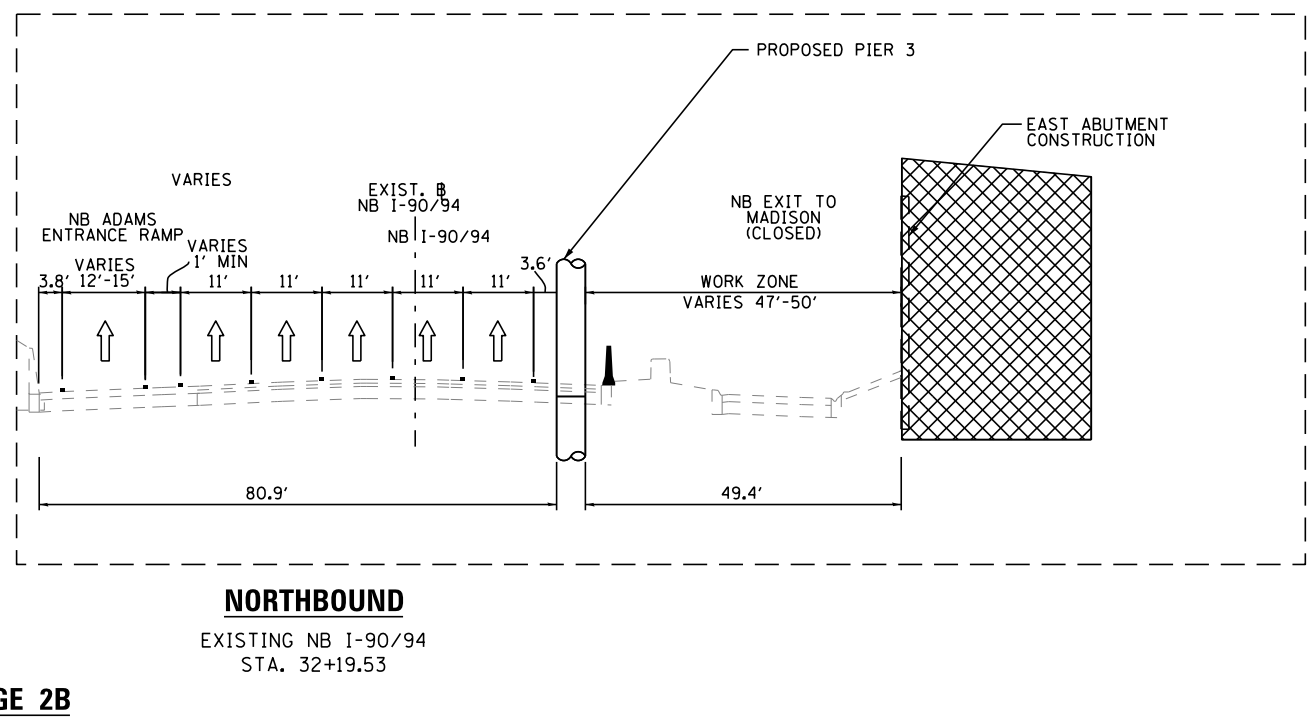
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	

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**LEGEND**

- WORK ZONE
- TEMPORARY PAVEMENT MARKING
- TEMPORARY CONCRETE BARRIER - UNPINNED
- TEMPORARY CONCRETE BARRIER - PINNED
- DIRECTION OF TRAFFIC
- PROPOSED PAVEMENT



**PARSONS BRINCKERHOFF**

USER NAME = Kucharski	DESIGNED - AMK	REVISED -
	DRAWN - AMK	REVISED -
PLOT SCALE =	CHECKED - RPH	REVISED -
PLOT DATE = 4/18/2017	DATE - 05/02/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN**  
**TYPICAL SECTIONS - MAINLINE STAGES 2A AND 2B**

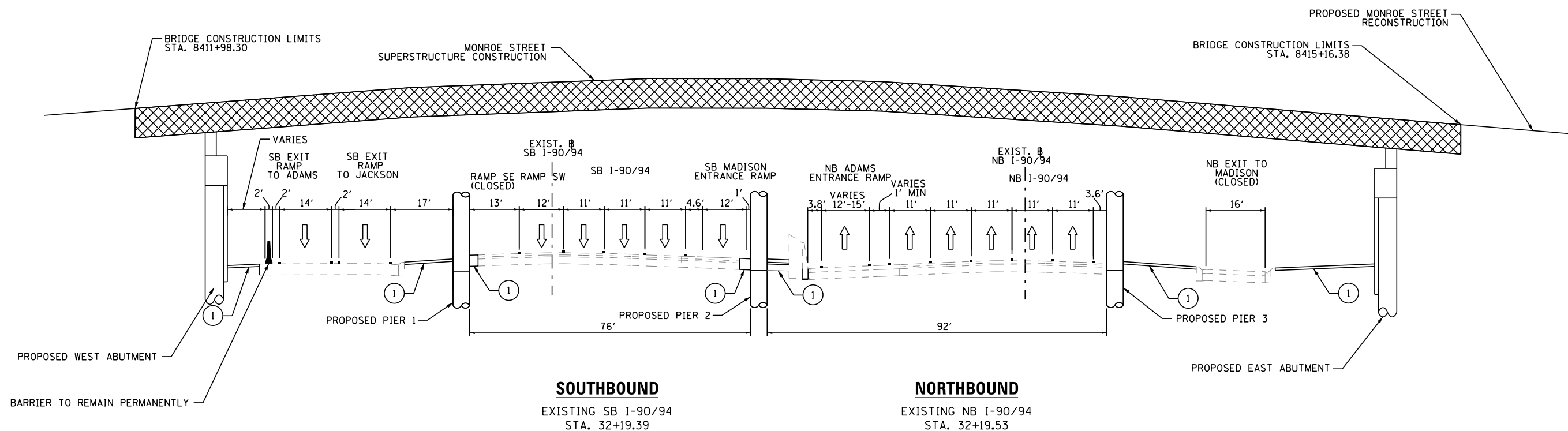
SCALE: SHEET NO. 3 OF 5 SHEETS STA. TO STA.

F.A.I. RTE. 90/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 58
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X95	

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

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

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**STAGE 3**

LEGEND	
	WORK ZONE
	TEMPORARY PAVEMENT MARKING
	TEMPORARY CONCRETE BARRIER - UNPINNED
	TEMPORARY CONCRETE BARRIER - PINNED
	DIRECTION OF TRAFFIC
	PROPOSED PAVEMENT

**PARSONS BRINCKERHOFF**

USER NAME = Kucharski	DESIGNED - AMK	REVISED -
	DRAWN - AMK	REVISED -
PLOT SCALE =	CHECKED - RPH	REVISED -
PLOT DATE = 4/18/2017	DATE - 05/02/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN	
TYPICAL SECTIONS - MAINLINE STAGE 3	
SCALE:	SHEET NO. 4 OF 5 SHEETS STA. TO STA.

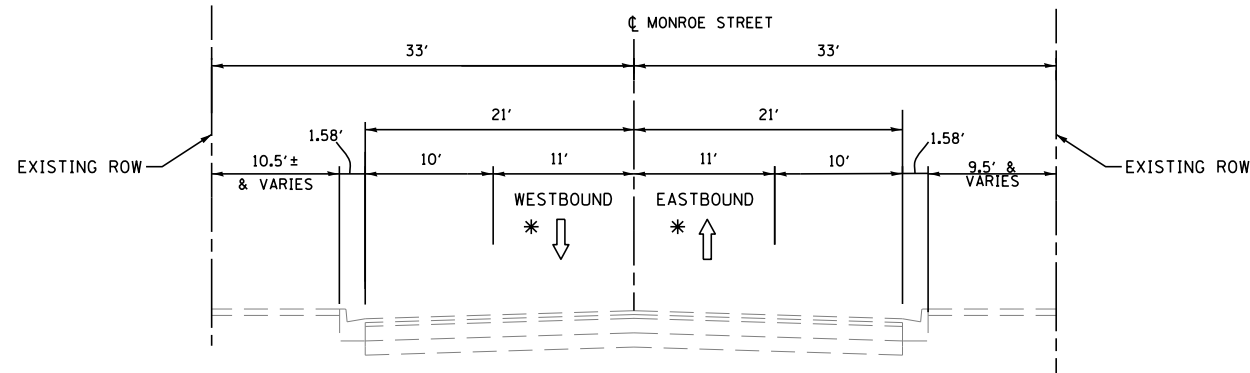
F.A.I. RTE. 90/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 59
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X95	

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILE NAME	
NOTE BOOK NO.		

PROFILE	SURVEYED	DATE
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
NOTE BOOK NO.		

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- \* EAST MONROE APPROACH**
- o TWO-WAY LOCAL TRAFFIC
- WEST MONROE APPROACH**
- o ONE WAY ONLY EASTBOUND TRAFFIC FROM RAMP AND PARKING LOT

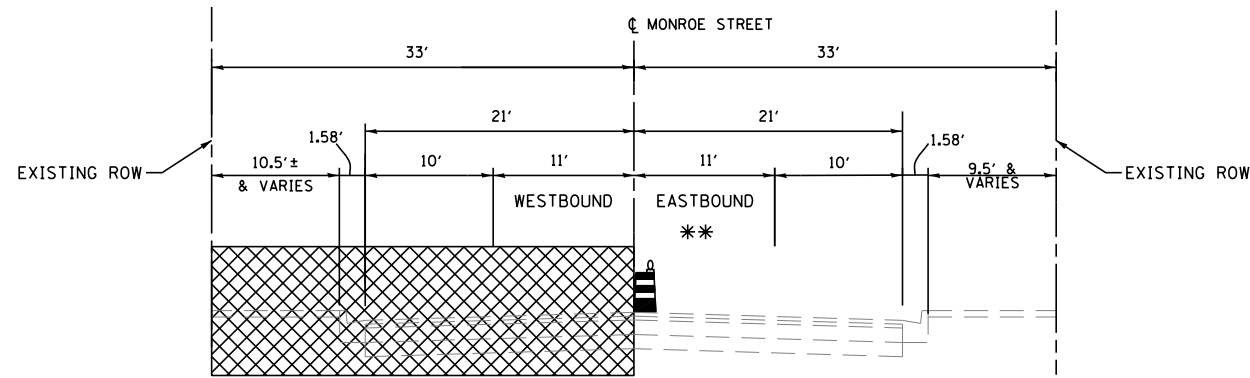


**MONROE STREET TYPICAL SECTION**

**STAGE 1**

WEST APPROACH STA. 8409+80.00 TO STA. 8411+68.80  
EAST APPROACH STA. 8415+45.88 TO STA. 8417+05.00

- \*\* EAST MONROE APPROACH**
- o TWO-WAY LIMITED TRAFFIC TO PARKING LOTS.
- WEST MONROE APPROACH**
- o RAMP CLOSED. ONE WAY ONLY FROM FROM DRIVEWAYS TO HALSTED STREET.

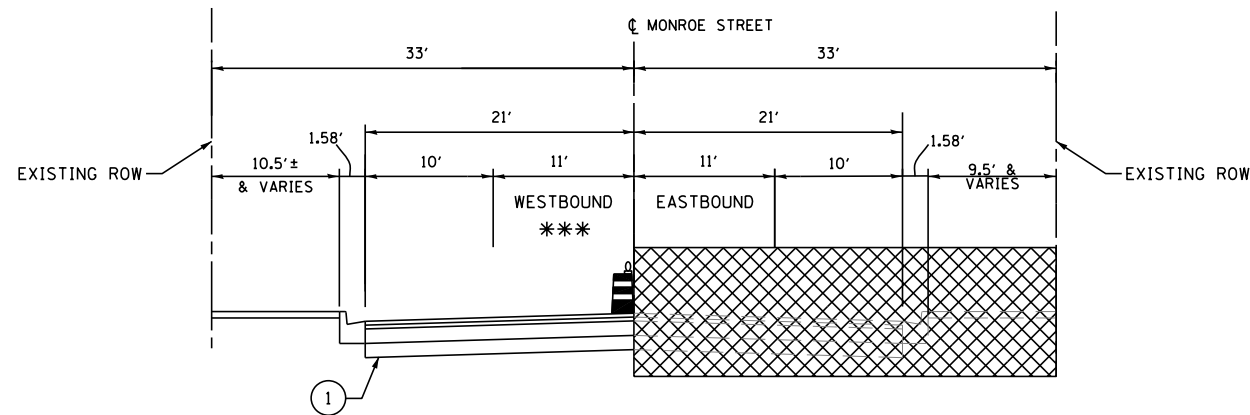


**MONROE STREET TYPICAL SECTION**

**STAGE 2**

WEST APPROACH STA. 8409+80.00 TO STA. 8411+68.80  
EAST APPROACH STA. 8415+45.88 TO STA. 8417+05.00

- \*\*\* EAST MONROE APPROACH**
- o TWO-WAY LIMITED TRAFFIC TO PARKING LOT. ALLEY ACCESS CLOSED FOR A MINIMAL PERIOD.
- WEST MONROE APPROACH**
- o RAMP CLOSED. ONE WAY ONLY FROM FROM DRIVEWAYS TO HALSTED STREET.



**MONROE STREET TYPICAL SECTION**

**STAGE 3**

WEST APPROACH STA. 8409+80.00 TO STA. 8411+68.80  
EAST APPROACH STA. 8415+45.88 TO STA. 8417+05.00

- NOTES:
1. TYPICAL SECTIONS ARE NOT TO SCALE.
  2. EXISTING BRIDGE WILL BE CLOSED AND UNDER CONSTRUCTION. SEE DETOUR SHEETS FOR DETOUR ROUTES.
  3. LOCAL ACCESS SHALL BE MAINTAINED TO DRIVEWAYS AND ALLEYS UNLESS APPROVED BY THE ENGINEER.
  4. LOCAL ACCESS SHALL BE MAINTAINED TO SIDEWALKS AND ENTRANCES TO BUILDINGS UNLESS APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL ADJUST WORK AS NECESSARY TO MAXIMIZE SIDEWALK ACCESS AND MINIMIZE DISRUPTION TO LOCAL BUILDING ENTRANCES.

LEGEND	
	WORK ZONE
	TEMPORARY PAVEMENT MARKING
	TEMPORARY CONCRETE BARRIER - UNPINNED
	TEMPORARY CONCRETE BARRIER - PINNED
	TYPE II DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
	DIRECTION OF TRAFFIC
	PROPOSED PAVEMENT, CURB AND GUTTER, SIDEWALK

**PARSONS BRINCKERHOFF**

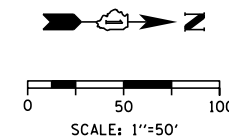
USER NAME = Kucharski	DESIGNED - AMK	REVISED -
	DRAWN - AMK	REVISED -
PLOT SCALE =	CHECKED - RPH	REVISED -
PLOT DATE = 4/18/2017	DATE - 05/02/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION









SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN  
TYPICAL SECTIONS - MONROE STREET

SCALE: SHEET NO. 5 OF 5 SHEETS STA. TO STA.

F.A.I. RTE. 90/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 60
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X95	



**LEGEND**

-  WORK ZONE
-  TEMPORARY IMPACT ATTENUATOR
-  TEMPORARY CONCRETE BARRIER
-  DIRECTION OF TRAFFIC FLOW
-  SIGN
-  ARROW BOARD
-  TYPE III BARRICADE
-  TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT

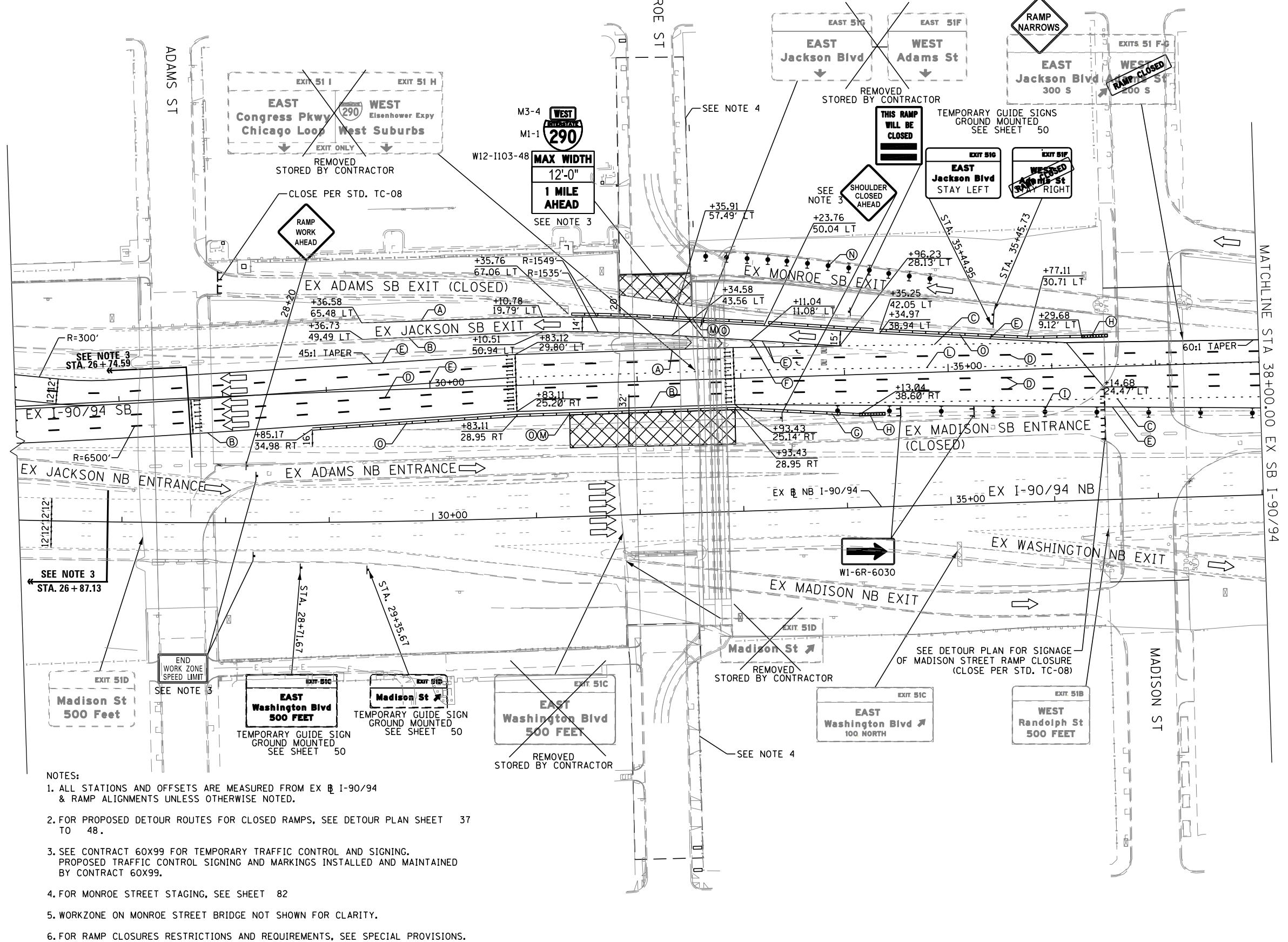
**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS @ 100' C-C (TYP) ON TANGENTS
- (J) NOT USED
- (K) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (L) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (M) PINNING TEMPORARY CONCRETE BARRIER
- (N) PARTIAL RAMP CLOSURE PER STD TC-17
- (O) TEMPORARY CONCRETE BARRIER
- (P) RELOCATE TEMPORARY CONCRETE BARRIER
- (Q) NOT USED
- (R) TEMPORARY CONCRETE BARRIER TO REMAIN PERMANENTLY
- (S) PERMANENT PAVEMENT MARKINGS TO REMAIN (SEE PAVEMENT MARKING PLAN FOR DETAILS)

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

DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	GRADES CHECKED
	STRUCTURE NOTATIONS CHECKED
	NO. _____

FILE NAME = T:\169888\Civil\68X95 Monroe Street\Plotting\Print Export\169888-ah-Steering-1A-01.dwg



- NOTES:**
1. ALL STATIONS AND OFFSETS ARE MEASURED FROM EX I-90/94 & RAMP ALIGNMENTS UNLESS OTHERWISE NOTED.
  2. FOR PROPOSED DETOUR ROUTES FOR CLOSED RAMPS, SEE DETOUR PLAN SHEET 37 TO 48.
  3. SEE CONTRACT 60X99 FOR TEMPORARY TRAFFIC CONTROL AND SIGNING. PROPOSED TRAFFIC CONTROL SIGNING AND MARKINGS INSTALLED AND MAINTAINED BY CONTRACT 60X99.
  4. FOR MONROE STREET STAGING, SEE SHEET 82
  5. WORKZONE ON MONROE STREET BRIDGE NOT SHOWN FOR CLARITY.
  6. FOR RAMP CLOSURES RESTRICTIONS AND REQUIREMENTS, SEE SPECIAL PROVISIONS.

**PARSONS  
BRINCKERHOFF**

USER NAME = Kucharski	DESIGNED - AMK	REVISED -
	DRAWN - AMK	REVISED -
PLOT SCALE =	CHECKED - RPH	REVISED -
PLOT DATE = 4/18/2017	DATE - 05/02/2017	REVISED -

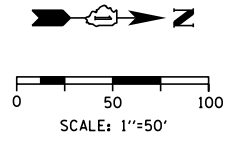
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGING OF CONSTRUCTION AND TRAFFIC CONTROL**  
I-90/94 STAGE 1A

SCALE: SHEET NO. 1 OF 3 SHEETS STA. 26+00 TO STA. 38+00

F.A.I. RTE. 90/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 61
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	





**LEGEND**

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW
- SIGN
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT

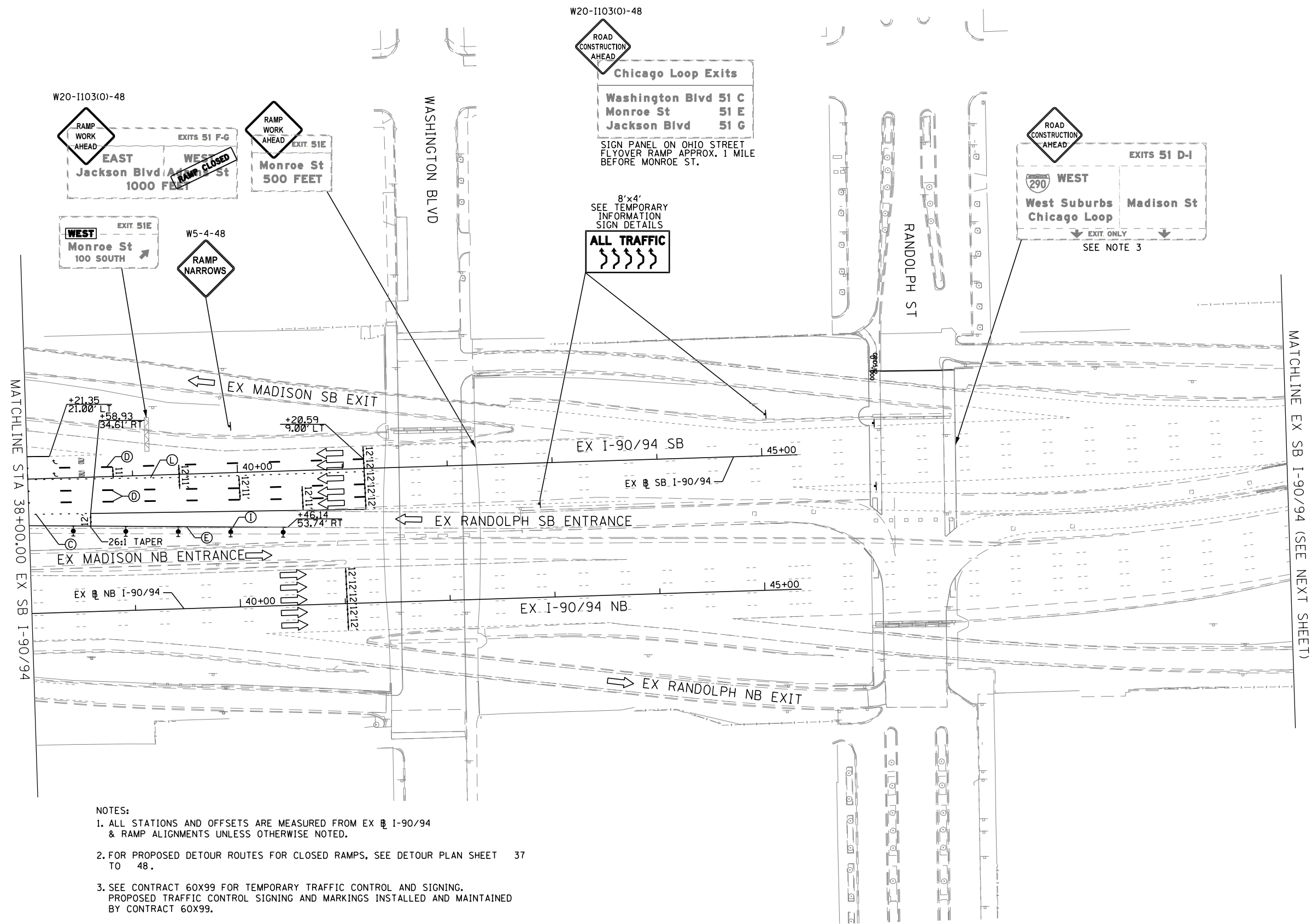
**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS @ 100' C-C (TYP) ON TANGENTS
- (J) NOT USED
- (K) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (L) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (M) PINNING TEMPORARY CONCRETE BARRIER
- (N) PARTIAL RAMP CLOSURE PER STD TC-17
- (O) TEMPORARY CONCRETE BARRIER
- (P) RELOCATE TEMPORARY CONCRETE BARRIER
- (Q) NOT USED
- (R) TEMPORARY CONCRETE BARRIER TO REMAIN PERMANENTLY
- (S) PERMANENT PAVEMENT MARKINGS TO REMAIN (SEE PAVEMENT MARKING PLAN FOR DETAILS)

DATE	
BY	
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ALIGNED	
CHECKED	
FILED	
NO.	

DATE	
BY	
PROFILE	
SURVEYED	
GRADES CHECKED	
STRUCTURE	
NOTATIONS	
NO.	

FILE NAME = T:\68988\Civil\68988\Monroe Street\Plotting\Print\Export\DOT Drawings\016R95-sh-Steaging-1A-02.dgn



- NOTES:**
- ALL STATIONS AND OFFSETS ARE MEASURED FROM EX @ I-90/94 & RAMP ALIGNMENTS UNLESS OTHERWISE NOTED.
  - FOR PROPOSED DETOUR ROUTES FOR CLOSED RAMPS, SEE DETOUR PLAN SHEET 37 TO 48.
  - SEE CONTRACT 60X99 FOR TEMPORARY TRAFFIC CONTROL AND SIGNING. PROPOSED TRAFFIC CONTROL SIGNING AND MARKINGS INSTALLED AND MAINTAINED BY CONTRACT 60X99.
  - FOR MONROE STREET STAGING, SEE SHEET 82
  - WORKZONE ON MONROE STREET BRIDGE NOT SHOWN FOR CLARITY.
  - FOR RAMP CLOSURES RESTRICTIONS AND REQUIREMENTS, SEE SPECIAL PROVISIONS.

**PARSONS BRINCKERHOFF**

USER NAME = Kucharski	DESIGNED - AMK	REVISED -
	DRAWN - AMK	REVISED -
PLOT SCALE =	CHECKED - RPH	REVISED -
PLOT DATE = 4/18/2017	DATE - 05/02/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGING OF CONSTRUCTION AND TRAFFIC CONTROL  
I-90 /94 STAGE 1A**

SCALE: SHEET NO. 2 OF 3 SHEETS STA. 38+00 TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2014-016R&B	COOK	378	62
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
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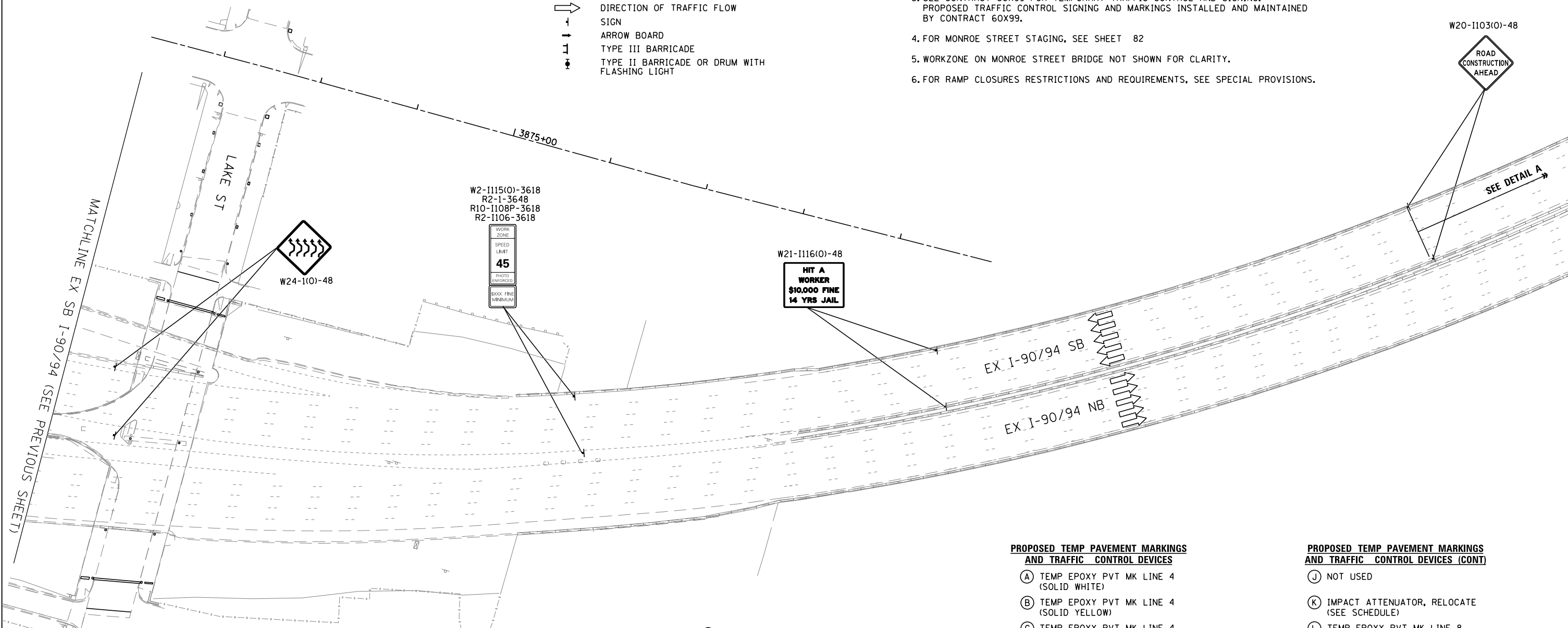
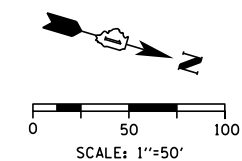
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	PLOTTED	
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	CHECKED	
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	NOTATIONS	
	CHKD	
	BY	
	NO.	

**LEGEND**

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT

**NOTES:**

1. ALL STATIONS AND OFFSETS ARE MEASURED FROM EX I-90/94 & RAMP ALIGNMENTS UNLESS OTHERWISE NOTED.
2. FOR PROPOSED DETOUR ROUTES FOR CLOSED RAMPS, SEE DETOUR PLAN SHEET 37 TO 48.
3. SEE CONTRACT 60X99 FOR TEMPORARY TRAFFIC CONTROL AND SIGNING. PROPOSED TRAFFIC CONTROL SIGNING AND MARKINGS INSTALLED AND MAINTAINED BY CONTRACT 60X99.
4. FOR MONROE STREET STAGING, SEE SHEET 82
5. WORKZONE ON MONROE STREET BRIDGE NOT SHOWN FOR CLARITY.
6. FOR RAMP CLOSURES RESTRICTIONS AND REQUIREMENTS, SEE SPECIAL PROVISIONS.



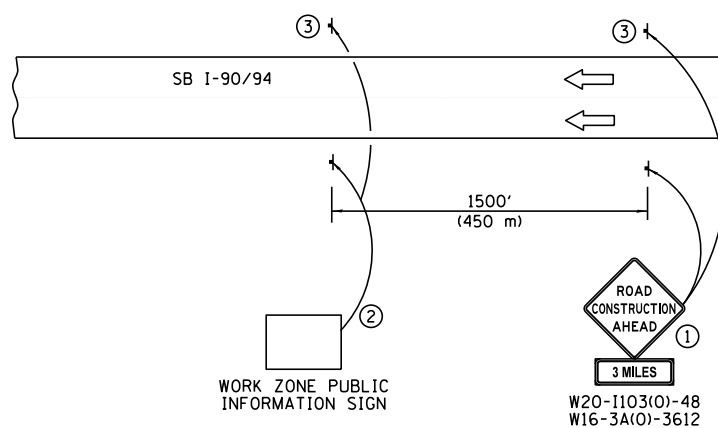
**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS @ 100' C-C (TYP) ON TANGENTS

**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES (CONT)**

- (J) NOT USED
- (K) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (L) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (M) PINNING TEMPORARY CONCRETE BARRIER
- (N) PARTIAL RAMP CLOSURE PER STD TC-17
- (O) TEMPORARY CONCRETE BARRIER
- (P) RELOCATE TEMPORARY CONCRETE BARRIER
- (Q) NOT USED
- (R) TEMPORARY CONCRETE BARRIER TO REMAIN PERMANENTLY
- (S) PERMANENT PAVEMENT MARKINGS TO REMAIN (SEE PAVEMENT MARKING PLAN FOR DETAILS)

- ① THE ROAD CONSTRUCTION AHEAD SIGN SHALL BE LOCATED 3 TO 5 MILES IN ADVNACE OF THE PROJECT LIMITS.
- ② THE MESSAGE AND SIZE OF THE WORK ZONE PUBLIC INFORMATION SIGN SHALL BE AS SPECIFIED BY THE DEPARTMENT.
- ③ THIS SIGN SHALL BE OMITTED WHEN MEDIAN WIDTH IS LESS THAN 10' (3 M).



**DETAIL A**

**PARSONS BRINCKERHOFF**

USER NAME = Kucharski	DESIGNED - AMK	REVISED -
	DRAWN - AMK	REVISED -
PLOT SCALE =	CHECKED - RPH	REVISED -
PLOT DATE = 4/18/2017	DATE - 05/02/2017	REVISED -

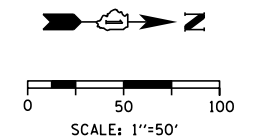
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGING OF CONSTRUCTION AND TRAFFIC CONTROL  
I-90/94 STAGE 1A**

SCALE: SHEET NO. 3 OF 3 SHEETS STA. TO STA.

F.A.I. RTE. 90/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 63
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	

FILE NAME = T:\168988\Civil\68988\Monroe Street\Plotting\Print Export\10168985-ahh-Staging-1A-03.dgn



**LEGEND**

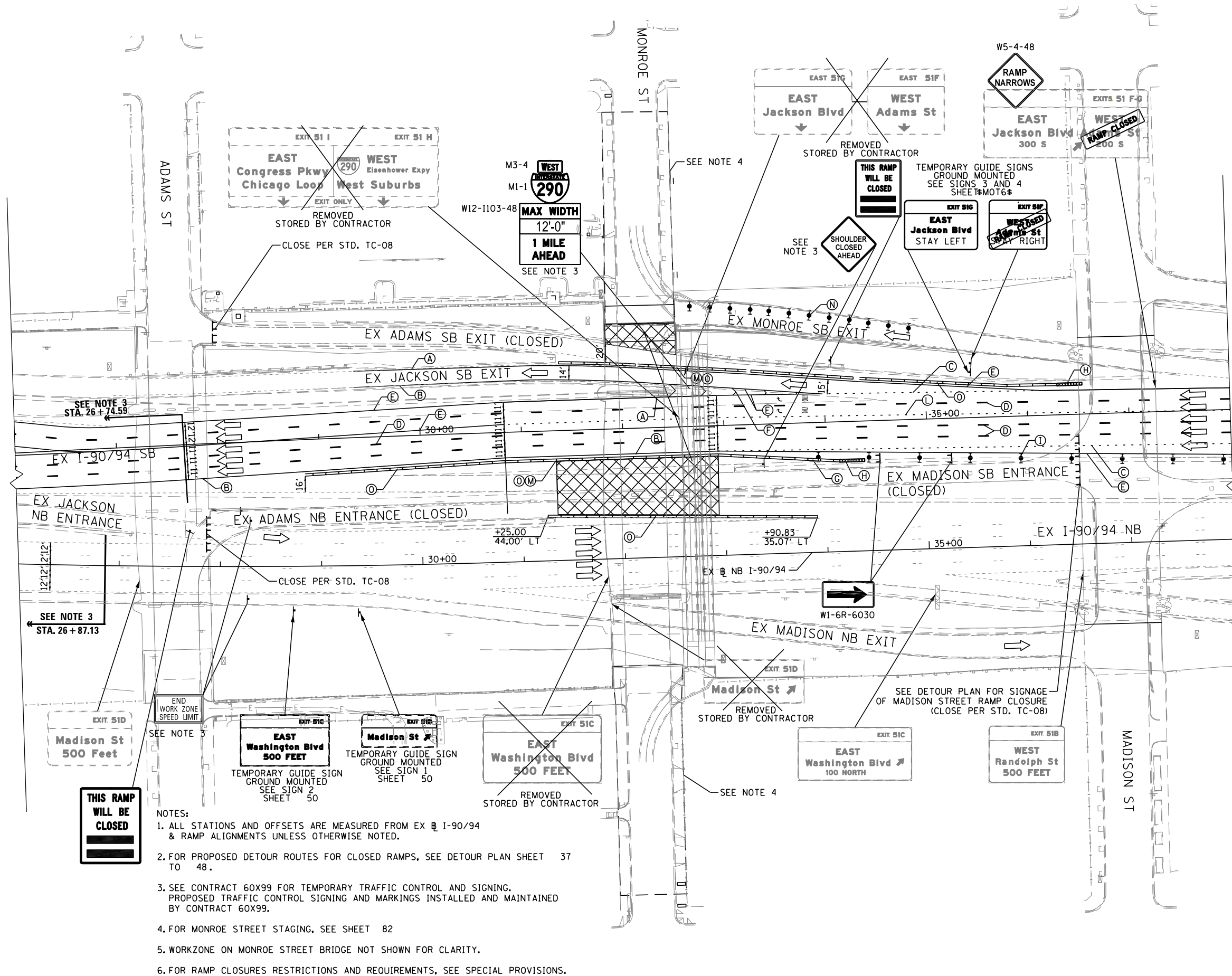
- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW
- SIGN
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT

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

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS @ 100' C-C (TYP) ON TANGENTS
- (J) NOT USED
- (K) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (L) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (M) PINNING TEMPORARY CONCRETE BARRIER
- (N) PARTIAL RAMP CLOSURE PER STD TC-17
- (O) TEMPORARY CONCRETE BARRIER
- (P) RELOCATE TEMPORARY CONCRETE BARRIER
- (Q) NOT USED
- (R) TEMPORARY CONCRETE BARRIER TO REMAIN PERMANENTLY
- (S) PERMANENT PAVEMENT MARKINGS TO REMAIN (SEE PAVEMENT MARKING PLAN FOR DETAILS)

\* PROPOSED SIGNING OR TEMP PAVEMENT MARKINGS FROM PREVIOUS STAGE. SEE PREVIOUS STAGE FOR STATION AND OFFSET.

**STAGE 1A-1 MATCHES STAGE 1A WITH A LIMITED DURATION CLOSURE OF ADAMS NB ENTRANCE. SEE STAGE 1A FOR GENERAL STATIONING AND OFFSETS.**



- NOTES:**
1. ALL STATIONS AND OFFSETS ARE MEASURED FROM EX @ I-90/94 & RAMP ALIGNMENTS UNLESS OTHERWISE NOTED.
  2. FOR PROPOSED DETOUR ROUTES FOR CLOSED RAMPS, SEE DETOUR PLAN SHEET 37 TO 48.
  3. SEE CONTRACT 60X99 FOR TEMPORARY TRAFFIC CONTROL AND SIGNING. PROPOSED TRAFFIC CONTROL SIGNING AND MARKINGS INSTALLED AND MAINTAINED BY CONTRACT 60X99.
  4. FOR MONROE STREET STAGING, SEE SHEET 82
  5. WORKZONE ON MONROE STREET BRIDGE NOT SHOWN FOR CLARITY.
  6. FOR RAMP CLOSURES RESTRICTIONS AND REQUIREMENTS, SEE SPECIAL PROVISIONS.

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

DATE	
BY	
PROFILE	
NOTE BOOK	
NO.	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHECKED	

FILE NAME = T:\169888\Civil\68X95 Monroe Street\Plotting\Print Export\TMOI Drawings\169888\68X95-Sub-Stageing-1A-1-01.dgn

**PARSONS BRINCKERHOFF**

USER NAME = Kucharski	DESIGNED - AMK	REVISED -
	DRAWN - AMK	REVISED -
PLOT SCALE =	CHECKED - RPH	REVISED -
PLOT DATE = 4/18/2017	DATE - 05/02/2017	REVISED -

**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

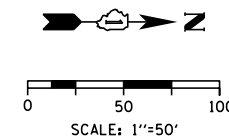
**SUGGESTED STAGING OF CONSTRUCTION AND TRAFFIC CONTROL**  
**I-90 /94 STAGE 1A-1**  
**NORTHBOUND ADAMS STREET CLOSURE SUB-STAGE**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2014-016R&B	COOK	378	64
SCALE:			CONTRACT NO. 60X95	
SHEET NO. 1 OF 1 SHEETS			ILLINOIS FED. AID PROJECT	

DATE	
BY	
PLAN	SURVEYED
	NOTED
	CHECKED
	ALIGNED
	FILED
	NO.

DATE	
BY	
PROFILE	SURVEYED
	NOTED
	CHECKED
	GRADES
	STRUCTURE
	NOTATIONS
	CHKD
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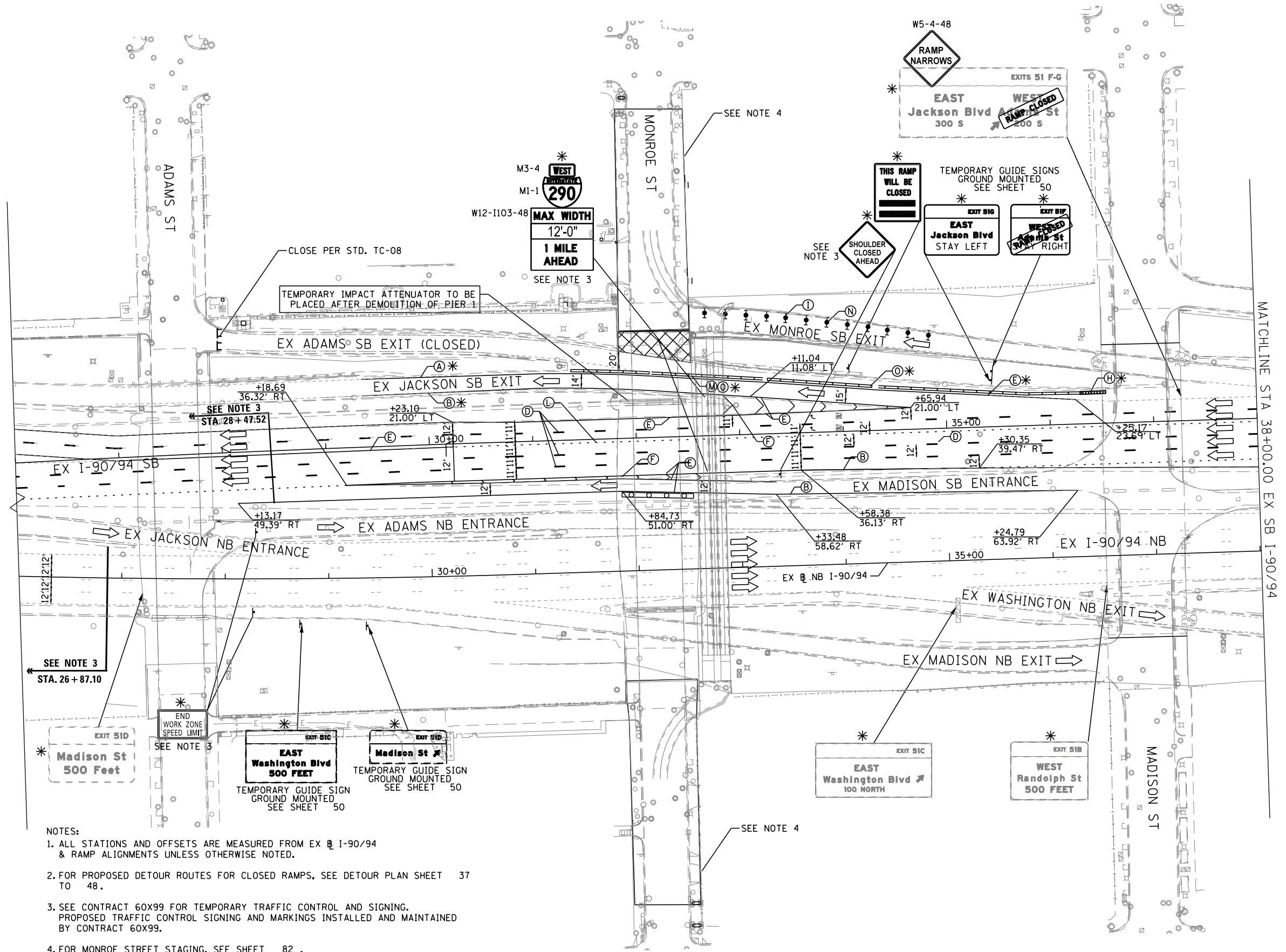
**LEGEND**

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW
- SIGN
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT

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

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS @ 100' C-C (TYP) ON TANGENTS
- (J) NOT USED
- (K) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (L) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (M) PINNING TEMPORARY CONCRETE BARRIER
- (N) PARTIAL RAMP CLOSURE PER STD TC-17
- (O) TEMPORARY CONCRETE BARRIER
- (P) RELOCATE TEMPORARY CONCRETE BARRIER
- (Q) NOT USED
- (R) TEMPORARY CONCRETE BARRIER TO REMAIN PERMANENTLY
- (S) PERMANENT PAVEMENT MARKINGS TO REMAIN (SEE PAVEMENT MARKING PLAN FOR DETAILS)

\* PROPOSED SIGNING OR TEMP PAVEMENT MARKINGS FROM PREVIOUS STAGE. SEE PREVIOUS STAGE FOR STATION AND OFFSET.



- NOTES:**
1. ALL STATIONS AND OFFSETS ARE MEASURED FROM EX I-90/94 & RAMP ALIGNMENTS UNLESS OTHERWISE NOTED.
  2. FOR PROPOSED DETOUR ROUTES FOR CLOSED RAMPS, SEE DETOUR PLAN SHEET 37 TO 48.
  3. SEE CONTRACT 60X99 FOR TEMPORARY TRAFFIC CONTROL AND SIGNING. PROPOSED TRAFFIC CONTROL SIGNING AND MARKINGS INSTALLED AND MAINTAINED BY CONTRACT 60X99.
  4. FOR MONROE STREET STAGING, SEE SHEET 82.
  5. WORKZONE ON MONROE STREET BRIDGE NOT SHOWN FOR CLARITY.
  6. FOR RAMP CLOSURES RESTRICTIONS AND REQUIREMENTS, SEE SPECIAL PROVISIONS.

**PARSONS BRINCKERHOFF**

USER NAME = Kucharski	DESIGNED - AMK	REVISED -
	DRAWN - AMK	REVISED -
PLOT SCALE =	CHECKED - RPH	REVISED -
PLOT DATE = 4/18/2017	DATE - 05/02/2017	REVISED -

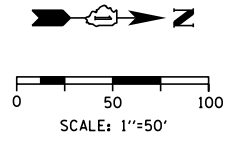
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**SUGGESTED STAGING OF CONSTRUCTION AND TRAFFIC CONTROL**  
I-90/94 STAGE 1B

SCALE: SHEET NO. 1 OF 3 SHEETS STA. 26+00 TO STA. 38+00

F.A.I. RTE. 90/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 65
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	





**LEGEND**

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW
- SIGN
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT

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

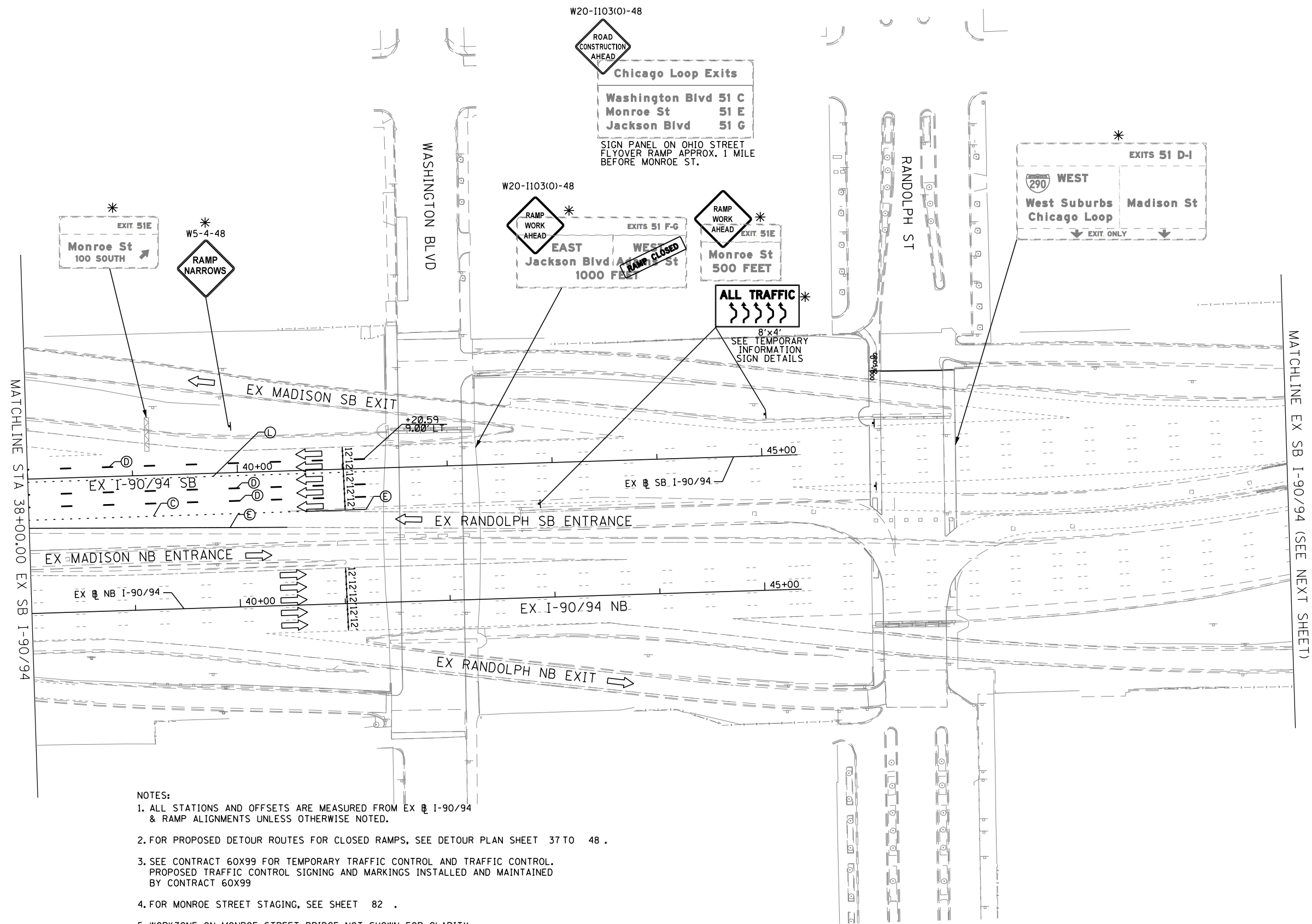
- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS @ 100' C-C (TYP) ON TANGENTS
- (J) NOT USED
- (K) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (L) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (M) PINNING TEMPORARY CONCRETE BARRIER
- (N) PARTIAL RAMP CLOSURE PER STD TC-17
- (O) TEMPORARY CONCRETE BARRIER
- (P) RELOCATE TEMPORARY CONCRETE BARRIER
- (Q) NOT USED
- (R) TEMPORARY CONCRETE BARRIER TO REMAIN PERMANENTLY
- (S) PERMANENT PAVEMENT MARKINGS TO REMAIN (SEE PAVEMENT MARKING PLAN FOR DETAILS)

\* PROPOSED SIGNING OR TEMP PAVEMENT MARKINGS FROM PREVIOUS STAGE. SEE PREVIOUS STAGE FOR STATION AND OFFSET.

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NOTE BOOK NO.	
	FILE NAME	

PROFILE	DATE

FILE NAME = T:\169988\Civil\68X95 Monroe Street\Plotting\Print Export\10169X95-ah-Steaging-1B-02.dgn



- NOTES:**
1. ALL STATIONS AND OFFSETS ARE MEASURED FROM EX I-90/94 & RAMP ALIGNMENTS UNLESS OTHERWISE NOTED.
  2. FOR PROPOSED DETOUR ROUTES FOR CLOSED RAMPS, SEE DETOUR PLAN SHEET 37 TO 48 .
  3. SEE CONTRACT 60X99 FOR TEMPORARY TRAFFIC CONTROL AND TRAFFIC CONTROL. PROPOSED TRAFFIC CONTROL SIGNING AND MARKINGS INSTALLED AND MAINTAINED BY CONTRACT 60X99
  4. FOR MONROE STREET STAGING, SEE SHEET 82 .
  5. WORKZONE ON MONROE STREET BRIDGE NOT SHOWN FOR CLARITY.
  6. FOR RAMP CLOSURES RESTRICTIONS AND REQUIREMENTS, SEE SPECIAL PROVISIONS.

**PARSONS BRINCKERHOFF**

USER NAME = Kucharski	DESIGNED - AMK	REVISED -
	DRAWN - AMK	REVISED -
PLOT SCALE =	CHECKED - RPH	REVISED -
PLOT DATE = 4/18/2017	DATE - 05/02/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SUGGESTED STAGING OF CONSTRUCTION AND TRAFFIC CONTROL</b>		
<b>I-90 /94 STAGE 1B</b>		
SCALE:	SHEET NO. 2 OF 3 SHEETS	STA. 38+00 TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2014-016R&B	COOK	378	66
			CONTRACT NO. 60X95	
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
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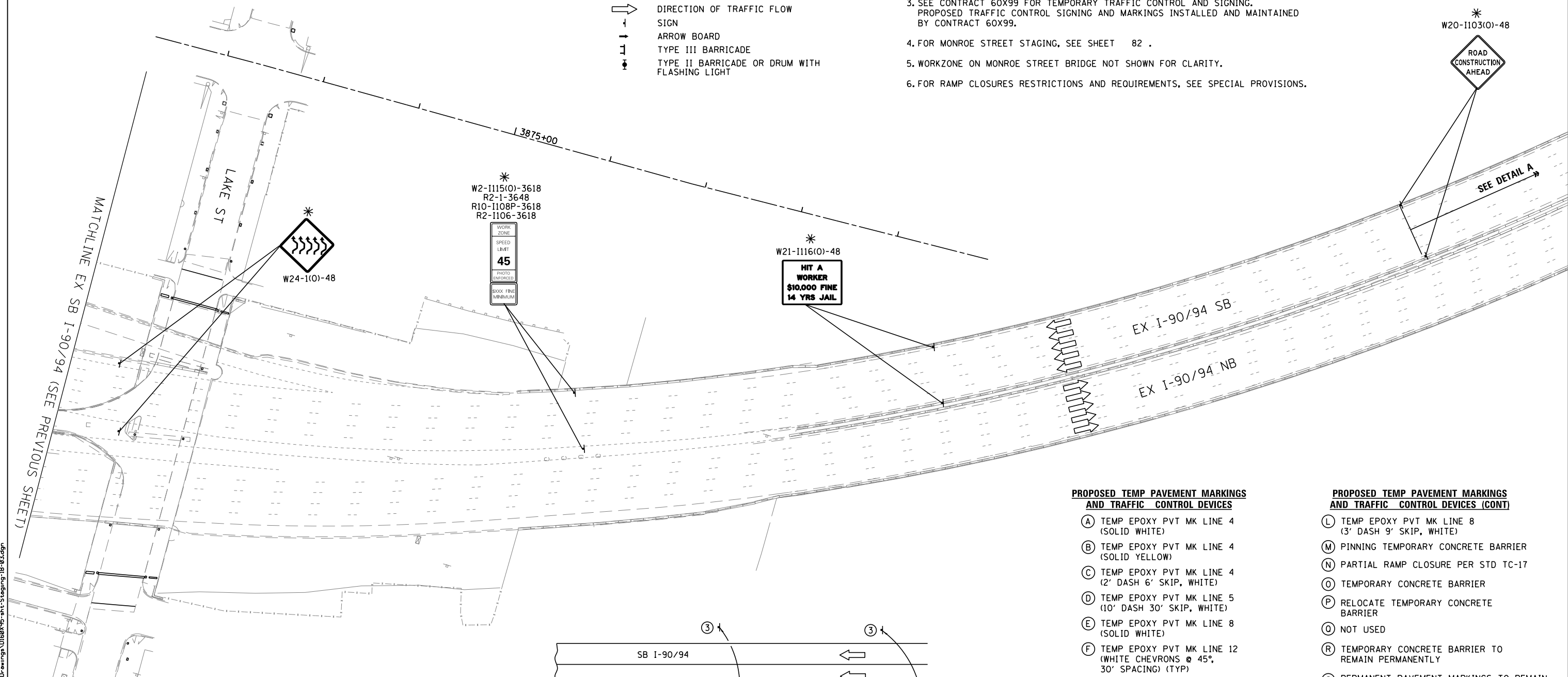
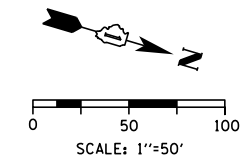
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	CHKD	
	NO.	

**LEGEND**

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT

**NOTES:**

- ALL STATIONS AND OFFSETS ARE MEASURED FROM EX I-90/94 & RAMP ALIGNMENTS UNLESS OTHERWISE NOTED.
- FOR PROPOSED DETOUR ROUTES FOR CLOSED RAMPS, SEE DETOUR PLAN SHEET 37 TO 48.
- SEE CONTRACT 60X99 FOR TEMPORARY TRAFFIC CONTROL AND SIGNING. PROPOSED TRAFFIC CONTROL SIGNING AND MARKINGS INSTALLED AND MAINTAINED BY CONTRACT 60X99.
- FOR MONROE STREET STAGING, SEE SHEET 82.
- WORKZONE ON MONROE STREET BRIDGE NOT SHOWN FOR CLARITY.
- FOR RAMP CLOSURES RESTRICTIONS AND REQUIREMENTS, SEE SPECIAL PROVISIONS.



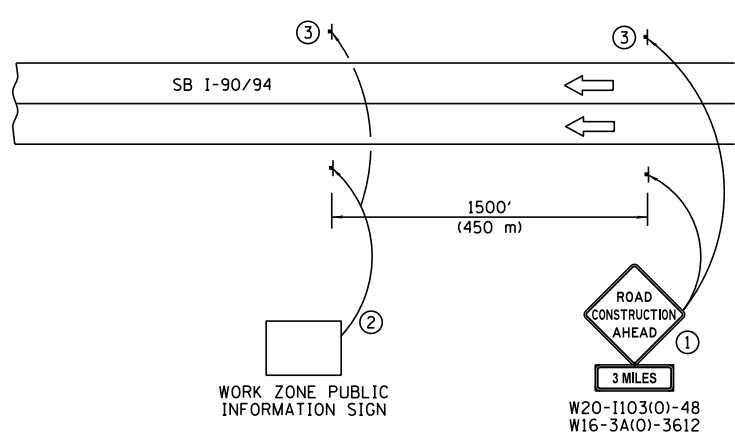
**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS @ 100' C-C (TYP) ON TANGENTS
- (J) NOT USED
- (K) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)

**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES (CONT)**

- (L) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (M) PINNING TEMPORARY CONCRETE BARRIER
- (N) PARTIAL RAMP CLOSURE PER STD TC-17
- (O) TEMPORARY CONCRETE BARRIER
- (P) RELOCATE TEMPORARY CONCRETE BARRIER
- (Q) NOT USED
- (R) TEMPORARY CONCRETE BARRIER TO REMAIN PERMANENTLY
- (S) PERMANENT PAVEMENT MARKINGS TO REMAIN (SEE PAVEMENT MARKING PLAN FOR DETAILS)

- THE ROAD CONSTRUCTION AHEAD SIGN SHALL BE LOCATED 3 TO 5 MILES IN ADVNACE OF THE PROJECT LIMITS.
- THE MESSAGE AND SIZE OF THE WORK ZONE PUBLIC INFORMATION SIGN SHALL BE AS SPECIFIED BY THE DEPARTMENT.
- THIS SIGN SHALL BE OMITTED WHEN MEDIAN WIDTH IS LESS THAN 10' (3 M).



**DETAIL A**



USER NAME = Kucharski	DESIGNED - AMK	REVISED -
	DRAWN - AMK	REVISED -
PLOT SCALE =	CHECKED - RPH	REVISED -
PLOT DATE = 4/18/2017	DATE - 05/02/2017	REVISED -

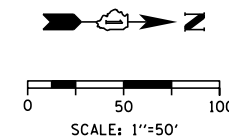
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGING OF CONSTRUCTION AND TRAFFIC CONTROL  
I-90/94 STAGE 1B

SCALE:	SHEET NO. 3 OF 3 SHEETS	STA. TO STA.
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2014-016R&B	COOK	378	67
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	

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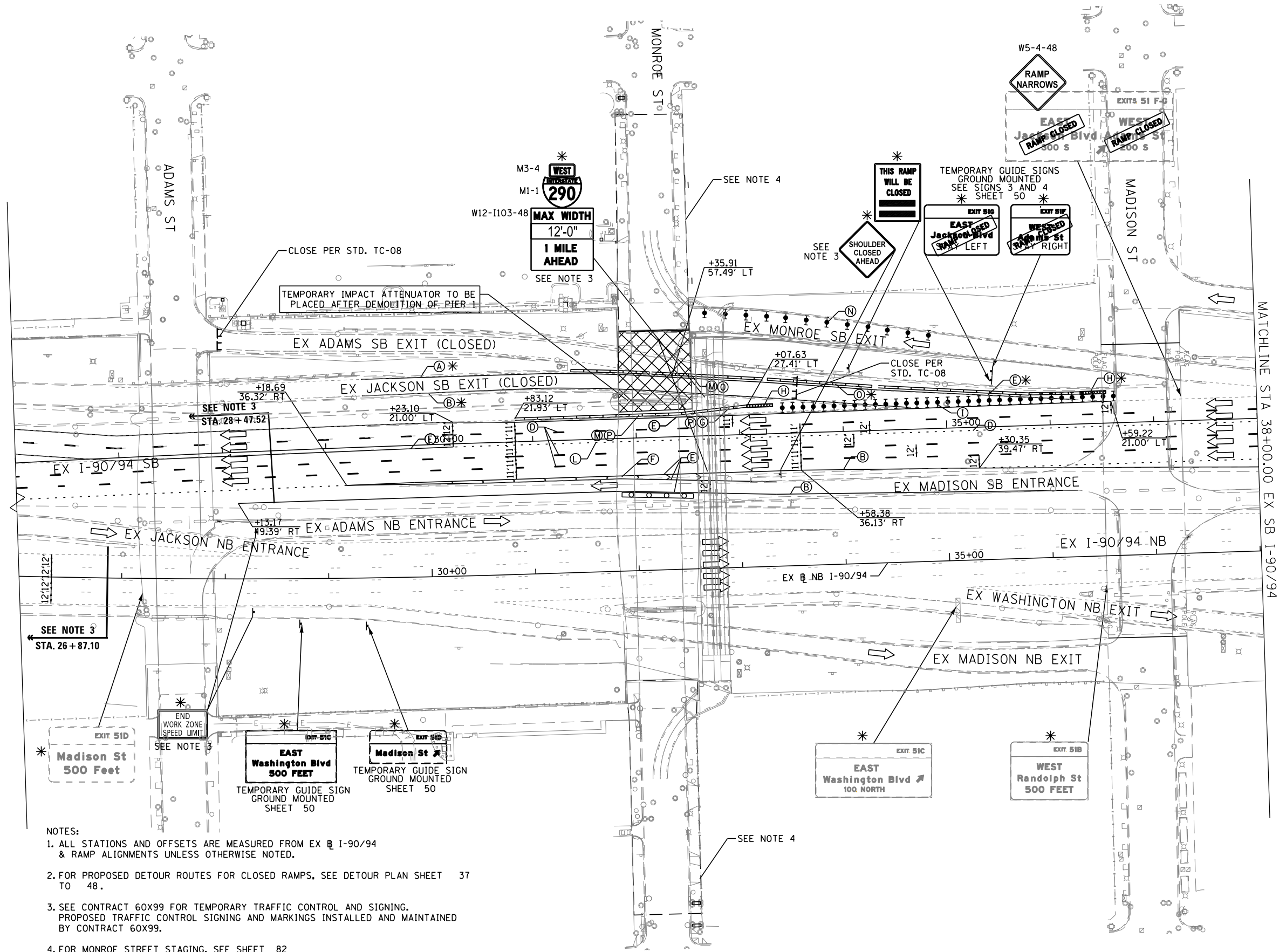


**LEGEND**

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW SIGN
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT

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

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
  - (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
  - (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
  - (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
  - (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
  - (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
  - (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
  - (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
  - (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS @ 100' C-C (TYP) ON TANGENTS
  - (J) NOT USED
  - (K) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
  - (L) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
  - (M) PINNING TEMPORARY CONCRETE BARRIER
  - (N) PARTIAL RAMP CLOSURE PER STD TC-17
  - (O) TEMPORARY CONCRETE BARRIER
  - (P) RELOCATE TEMPORARY CONCRETE BARRIER
  - (Q) NOT USED
  - (R) TEMPORARY CONCRETE BARRIER TO REMAIN PERMANENTLY
  - (S) PERMANENT PAVEMENT MARKINGS TO REMAIN (SEE PAVEMENT MARKING PLAN FOR DETAILS)
- \* PROPOSED SIGNING OR TEMP PAVEMENT MARKINGS FROM PREVIOUS STAGE. SEE PREVIOUS STAGE FOR STATION AND OFFSET.



- NOTES:**
1. ALL STATIONS AND OFFSETS ARE MEASURED FROM EX I-90/94 & RAMP ALIGNMENTS UNLESS OTHERWISE NOTED.
  2. FOR PROPOSED DETOUR ROUTES FOR CLOSED RAMPS, SEE DETOUR PLAN SHEET 37 TO 48.
  3. SEE CONTRACT 60X99 FOR TEMPORARY TRAFFIC CONTROL AND SIGNING. PROPOSED TRAFFIC CONTROL SIGNING AND MARKINGS INSTALLED AND MAINTAINED BY CONTRACT 60X99.
  4. FOR MONROE STREET STAGING, SEE SHEET 82
  5. WORKZONE ON MONROE STREET BRIDGE NOT SHOWN FOR CLARITY.
  6. FOR RAMP CLOSURES RESTRICTIONS AND REQUIREMENTS, SEE SPECIAL PROVISIONS.

PLAN	DATE
SURVEYED	BY
PLOTTED	DATE
ALIGNMENT CHECKED	DATE
STRUCTURE NOTATIONS CHECKED	DATE
NOTE BOOK NO.	DATE

PROFILE	DATE
SURVEYED	BY
PLOTTED	DATE
GRADES CHECKED	DATE
STRUCTURE NOTATIONS CHECKED	DATE
NOTE BOOK NO.	DATE

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**PARSONS BRINCKERHOFF**

USER NAME = Kucharski	DESIGNED - AMK	REVISED -	
	DRAWN - AMK	REVISED -	
PLOT SCALE =	CHECKED - RPH	REVISED -	
PLOT DATE = 4/18/2017	DATE - 05/02/2017	REVISED -	

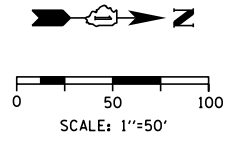
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGING OF CONSTRUCTION AND TRAFFIC CONTROL	
I-90/94 STAGE 1B-1	
SCALE:	STA. 26+00 TO STA. 38+00
SHEET NO. 1 OF 3 SHEETS	

**STAGE 1B-1 MATCHES STAGE 1B WITH A LIMITED DURATION CLOSURE OF SB JACKSON EXIT.**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2014-016R&B	COOK	378	68
CONTRACT NO. 60X99				
ILLINOIS FED. AID PROJECT				





**LEGEND**

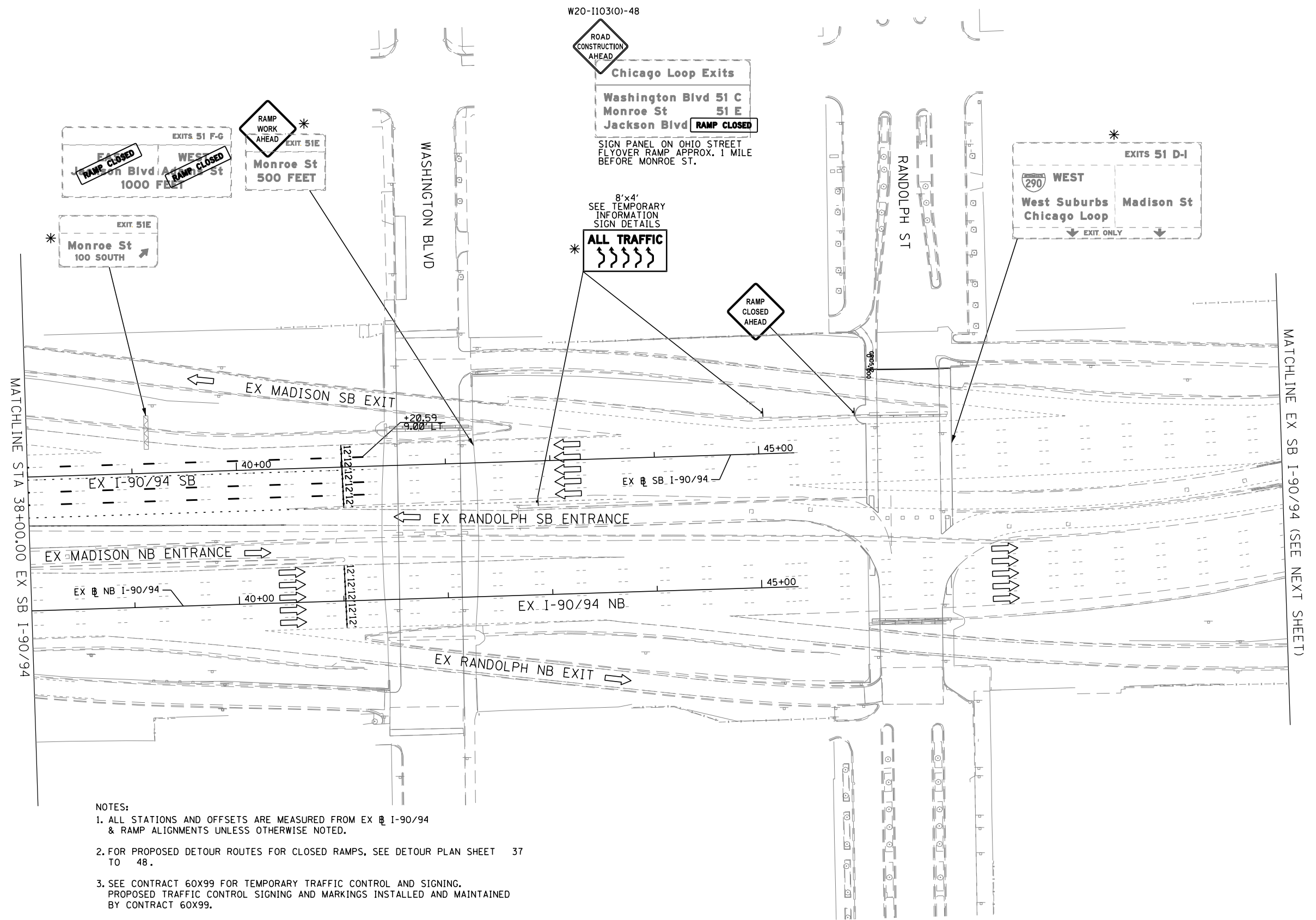
- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW
- SIGN
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT

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

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
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- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS @ 100' C-C (TYP) ON TANGENTS
- (J) NOT USED
- (K) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (L) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (M) PINNING TEMPORARY CONCRETE BARRIER
- (N) PARTIAL RAMP CLOSURE PER STD TC-17
- (O) TEMPORARY CONCRETE BARRIER
- (P) RELOCATE TEMPORARY CONCRETE BARRIER
- (Q) NOT USED
- (R) TEMPORARY CONCRETE BARRIER TO REMAIN PERMANENTLY
- (S) PERMANENT PAVEMENT MARKINGS TO REMAIN (SEE PAVEMENT MARKING PLAN FOR DETAILS)

\* PROPOSED SIGNING OR TEMP PAVEMENT MARKINGS FROM PREVIOUS STAGE. SEE PREVIOUS STAGE FOR STATION AND OFFSET.

- NOTES:**
1. ALL STATIONS AND OFFSETS ARE MEASURED FROM EX @ I-90/94 & RAMP ALIGNMENTS UNLESS OTHERWISE NOTED.
  2. FOR PROPOSED DETOUR ROUTES FOR CLOSED RAMPS, SEE DETOUR PLAN SHEET 37 TO 48.
  3. SEE CONTRACT 60X99 FOR TEMPORARY TRAFFIC CONTROL AND SIGNING. PROPOSED TRAFFIC CONTROL SIGNING AND MARKINGS INSTALLED AND MAINTAINED BY CONTRACT 60X99.
  4. FOR MONROE STREET STAGING, SEE SHEET 82
  5. WORKZONE ON MONROE STREET BRIDGE NOT SHOWN FOR CLARITY.
  6. FOR RAMP CLOSURES RESTRICTIONS AND REQUIREMENTS, SEE SPECIAL PROVISIONS.



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	FILE NAME	
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PROFILE	SURVEYED	DATE
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**PARSONS BRINCKERHOFF**

USER NAME = Kucharski	DESIGNED - AMK	REVISED -
	DRAWN - AMK	REVISED -
PLOT SCALE =	CHECKED - RPH	REVISED -
PLOT DATE = 4/18/2017	DATE - 05/02/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGING OF CONSTRUCTION AND TRAFFIC CONTROL  
I-90/94 STAGE 1B-1**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2014-016R&B	COOK	378	69
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	

SCALE: SHEET NO. 2 OF 3 SHEETS STA. 38+00 TO STA.

PLAN	SURVEYED	DATE
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NOTE BOOK NO.	FILE NAME	

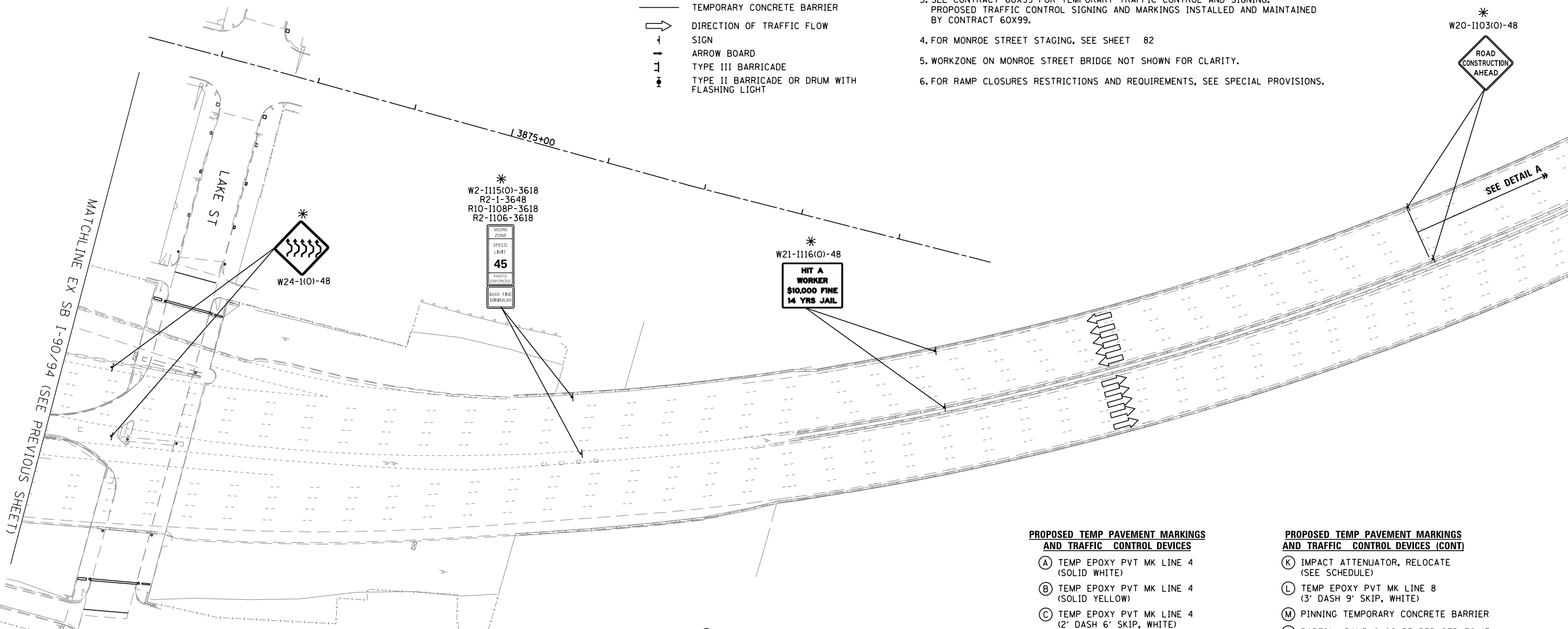
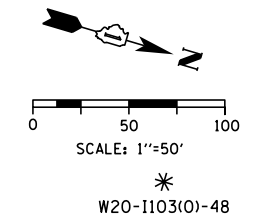
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	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
NOTE BOOK NO.	FILE NAME	

**LEGEND**

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW
- SIGN
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT

**NOTES:**

1. ALL STATIONS AND OFFSETS ARE MEASURED FROM EX SB I-90/94 & RAMP ALIGNMENTS UNLESS OTHERWISE NOTED.
2. FOR PROPOSED DETOUR ROUTES FOR CLOSED RAMPS, SEE DETOUR PLAN SHEET 37 TO 48.
3. SEE CONTRACT 60X99 FOR TEMPORARY TRAFFIC CONTROL AND SIGNING. PROPOSED TRAFFIC CONTROL SIGNING AND MARKINGS INSTALLED AND MAINTAINED BY CONTRACT 60X99.
4. FOR MONROE STREET STAGING, SEE SHEET 82
5. WORKZONE ON MONROE STREET BRIDGE NOT SHOWN FOR CLARITY.
6. FOR RAMP CLOSURES RESTRICTIONS AND REQUIREMENTS, SEE SPECIAL PROVISIONS.



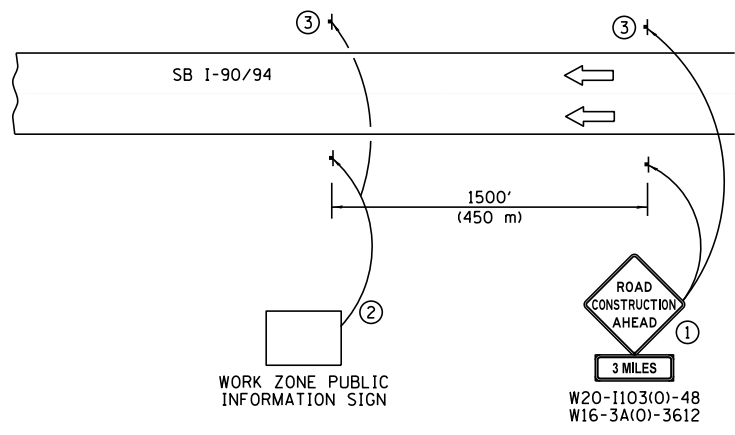
**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS @ 100' C-C (TYP) ON TANGENTS
- (J) NOT USED

**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES (CONT)**

- (K) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (L) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (M) PINNING TEMPORARY CONCRETE BARRIER
- (N) PARTIAL RAMP CLOSURE PER STD TC-17
- (O) TEMPORARY CONCRETE BARRIER
- (P) RELOCATE TEMPORARY CONCRETE BARRIER
- (Q) NOT USED
- (R) TEMPORARY CONCRETE BARRIER TO REMAIN PERMANENTLY
- (S) PERMANENT PAVEMENT MARKINGS TO REMAIN (SEE PAVEMENT MARKING PLAN FOR DETAILS)

- ① THE ROAD CONSTRUCTION AHEAD SIGN SHALL BE LOCATED 3 TO 5 MILES IN ADVNACE OF THE PROJECT LIMITS.
- ② THE MESSAGE AND SIZE OF THE WORK ZONE PUBLIC INFORMATION SIGN SHALL BE AS SPECIFIED BY THE DEPARTMENT.
- ③ THIS SIGN SHALL BE OMITTED WHEN MEDIAN WIDTH IS LESS THAN 10' (3 M).



**DETAIL A**



USER NAME = Kucharski	DESIGNED - AMK	REVISED -
	DRAWN - AMK	REVISED -
PLOT SCALE =	CHECKED - RPH	REVISED -
PLOT DATE = 4/18/2017	DATE - 05/02/2017	REVISED -

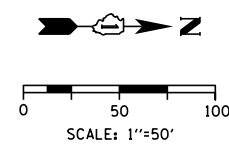
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGING OF CONSTRUCTION AND TRAFFIC CONTROL**  
**I-90 /94 STAGE 1B-1**









F.A.I. RTE. 90/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 70
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	

FILE NAME = T:\168988\Civil\68X95 Monroe Street\Plotting\Print Export\10168X95-ah-Staging-1B-1-04.dgn





**LEGEND**

-  WORK ZONE
-  TEMPORARY IMPACT ATTENUATOR
-  TEMPORARY CONCRETE BARRIER
-  DIRECTION OF TRAFFIC FLOW
-  SIGN
-  ARROW BOARD
-  TYPE III BARRICADE
-  TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT

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

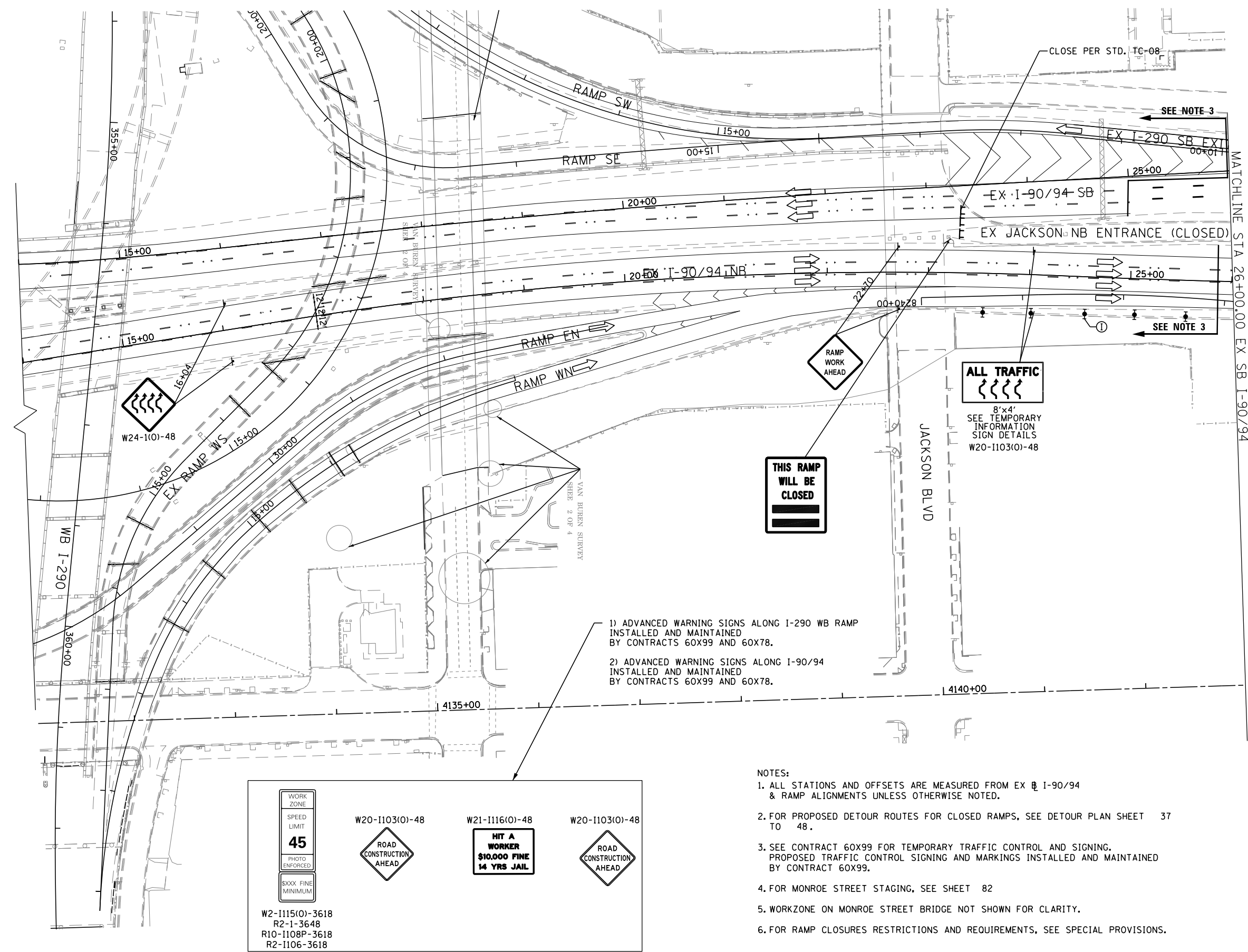
- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS @ 100' C-C (TYP) ON TANGENTS
- (J) NOT USED
- (K) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (L) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (M) PINNING TEMPORARY CONCRETE BARRIER
- (N) PARTIAL RAMP CLOSURE PER STD TC-17
- (O) TEMPORARY CONCRETE BARRIER
- (P) RELOCATE TEMPORARY CONCRETE BARRIER
- (Q) NOT USED
- (R) TEMPORARY CONCRETE BARRIER TO REMAIN PERMANENTLY
- (S) PERMANENT PAVEMENT MARKINGS TO REMAIN (SEE PAVEMENT MARKING PLAN FOR DETAILS)

\* PROPOSED SIGNING OR TEMP PAVEMENT MARKINGS FROM PREVIOUS STAGE. SEE PREVIOUS STAGE FOR STATION AND OFFSET.



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	CHKD	
	NO.	

FILE NAME = T:\168988\Civil\68988\Monroe Street\Plotting\Print Export\10168985-shh-Stageing-2A-03.dgn



- 1) ADVANCED WARNING SIGNS ALONG I-290 WB RAMP INSTALLED AND MAINTAINED BY CONTRACTS 60X99 AND 60X78.
- 2) ADVANCED WARNING SIGNS ALONG I-90/94 INSTALLED AND MAINTAINED BY CONTRACTS 60X99 AND 60X78.

<div style="border: 1px solid black; padding: 2px; width: 50px; margin: 0 auto;">                 WORK ZONE SPEED LIMIT <b>45</b> PHOTO ENFORCED \$XXX FINE MINIMUM             </div>	W20-1103(O)-48 	W21-1116(O)-48 <div style="border: 1px solid black; padding: 2px; width: 50px; margin: 0 auto;"> <b>HIT A WORKER</b>  <b>\$10,000 FINE</b>  <b>14 YRS JAIL</b> </div>	W20-1103(O)-48 
W2-1115(O)-3618 R2-1-3648 R10-1108P-3618 R2-1106-3618			

- NOTES:
1. ALL STATIONS AND OFFSETS ARE MEASURED FROM EX @ I-90/94 & RAMP ALIGNMENTS UNLESS OTHERWISE NOTED.
  2. FOR PROPOSED DETOUR ROUTES FOR CLOSED RAMPS, SEE DETOUR PLAN SHEET 37 TO 48.
  3. SEE CONTRACT 60X99 FOR TEMPORARY TRAFFIC CONTROL AND SIGNING. PROPOSED TRAFFIC CONTROL SIGNING AND MARKINGS INSTALLED AND MAINTAINED BY CONTRACT 60X99.
  4. FOR MONROE STREET STAGING, SEE SHEET 82
  5. WORKZONE ON MONROE STREET BRIDGE NOT SHOWN FOR CLARITY.
  6. FOR RAMP CLOSURES RESTRICTIONS AND REQUIREMENTS, SEE SPECIAL PROVISIONS.

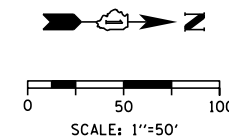
**PARSONS BRINCKERHOFF**

USER NAME = Kucharski	DESIGNED - AMK	REVISED -
	DRAWN - AMK	REVISED -
PLOT SCALE =	CHECKED - RPH	REVISED -
PLOT DATE = 4/18/2017	DATE - 05/02/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGING OF CONSTRUCTION AND TRAFFIC CONTROL	
I-90 /94 STAGE 2A	
SCALE:	SHEET NO. 1 OF 4 SHEETS STA. 14+00 TO STA. 26+00

F.A.I. RTE. 90/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 71
			CONTRACT NO. 60X95	
ILLINOIS FED. AID PROJECT				



**LEGEND**

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW
- SIGN
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT

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

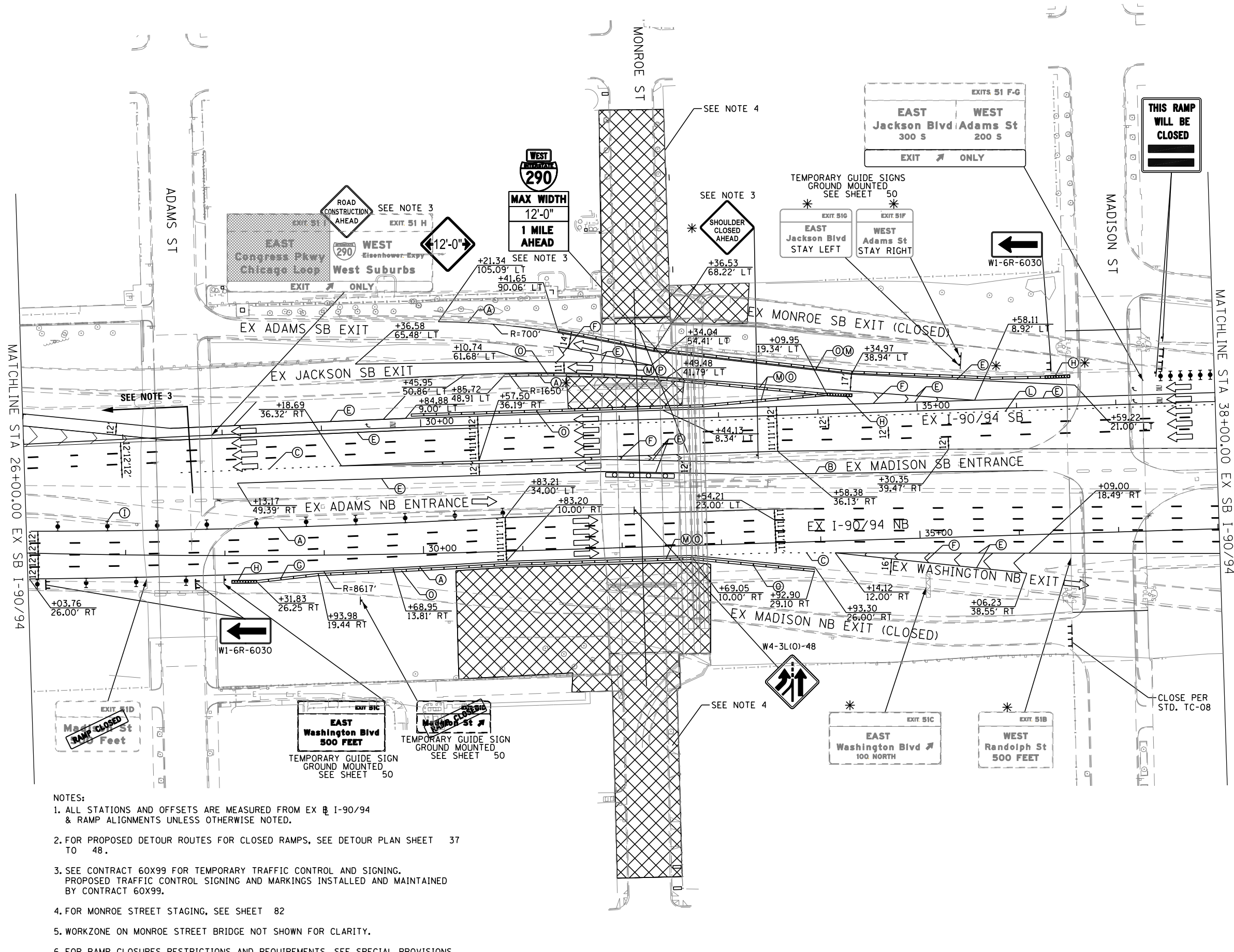
- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS @ 100' C-C (TYP) ON TANGENTS
- (J) NOT USED
- (K) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (L) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (M) PINNING TEMPORARY CONCRETE BARRIER
- (N) PARTIAL RAMP CLOSURE PER STD TC-17
- (O) TEMPORARY CONCRETE BARRIER
- (P) RELOCATE TEMPORARY CONCRETE BARRIER
- (Q) NOT USED
- (R) TEMPORARY CONCRETE BARRIER TO REMAIN PERMANENTLY
- (S) PERMANENT PAVEMENT MARKINGS TO REMAIN (SEE PAVEMENT MARKING PLAN FOR DETAILS)

\* PROPOSED SIGNING OR TEMP PAVEMENT MARKINGS FROM PREVIOUS STAGE. SEE PREVIOUS STAGE FOR STATION AND OFFSET.

DATE	
BY	
PLAN	
NOTE BOOK	
NO.	
NO.	
NO.	
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FILE NAME = T:\169988\Civil\68995\_Monroe\_Street\_Plotting\Print\_Export\10168995\_ahh-Steering-2A-84.dgn



- NOTES:**
1. ALL STATIONS AND OFFSETS ARE MEASURED FROM EX @ I-90/94 & RAMP ALIGNMENTS UNLESS OTHERWISE NOTED.
  2. FOR PROPOSED DETOUR ROUTES FOR CLOSED RAMPS, SEE DETOUR PLAN SHEET 37 TO 48.
  3. SEE CONTRACT 60X99 FOR TEMPORARY TRAFFIC CONTROL AND SIGNING. PROPOSED TRAFFIC CONTROL SIGNING AND MARKINGS INSTALLED AND MAINTAINED BY CONTRACT 60X99.
  4. FOR MONROE STREET STAGING, SEE SHEET 82
  5. WORKZONE ON MONROE STREET BRIDGE NOT SHOWN FOR CLARITY.
  6. FOR RAMP CLOSURES RESTRICTIONS AND REQUIREMENTS, SEE SPECIAL PROVISIONS.

**PARSONS BRINCKERHOFF**

USER NAME = Kucharski	DESIGNED - AMK	REVISED -
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PLOT SCALE =	CHECKED - RPH	REVISED -
PLOT DATE = 4/18/2017	DATE - 05/02/2017	REVISED -

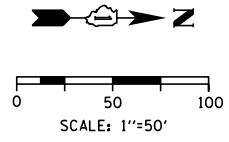
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SUGGESTED STAGING OF CONSTRUCTION AND TRAFFIC CONTROL</b>	
<b>I-90/94 STAGE 2A</b>	
SCALE:	SHEET NO. 2 OF 4 SHEETS STA. 26+00 TO STA. 38+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2014-016R&B	COOK	378	72
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	

NOTES:

1. ALL STATIONS AND OFFSETS ARE MEASURED FROM EX I-90/94 & RAMP ALIGNMENTS UNLESS OTHERWISE NOTED.
2. FOR PROPOSED DETOUR ROUTES FOR CLOSED RAMPS, SEE DETOUR PLAN SHEET 37 TO 48.
3. SEE CONTRACT 60X99 FOR TEMPORARY TRAFFIC CONTROL AND SIGNING. PROPOSED TRAFFIC CONTROL SIGNING AND MARKINGS INSTALLED AND MAINTAINED BY CONTRACT 60X99.
4. FOR MONROE STREET STAGING, SEE SHEET 82
5. WORKZONE ON MONROE STREET BRIDGE NOT SHOWN FOR CLARITY.
6. FOR RAMP CLOSURES RESTRICTIONS AND REQUIREMENTS, SEE SPECIAL PROVISIONS.



**LEGEND**

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW SIGN
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT

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

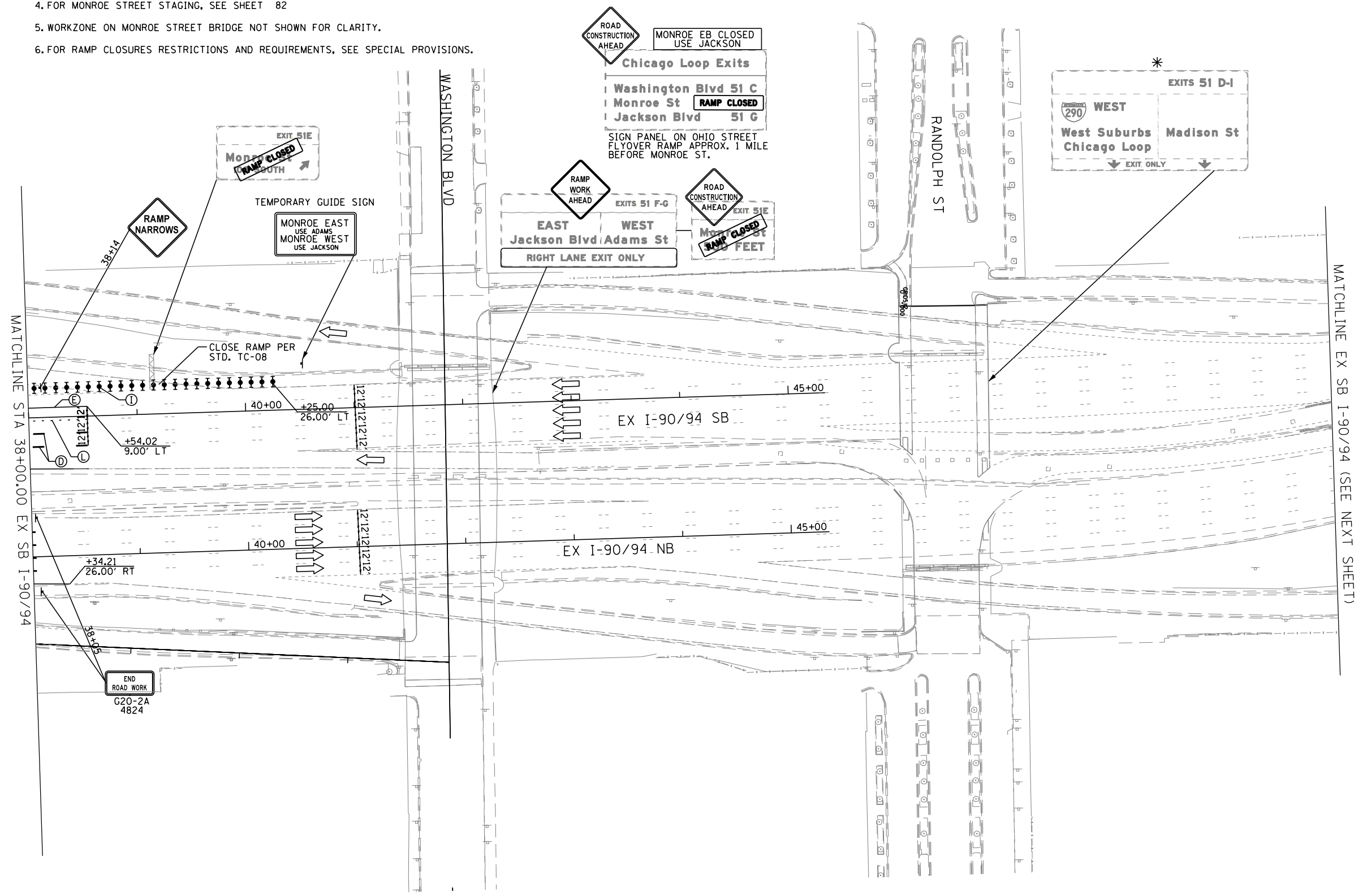
- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS @ 100' C-C (TYP) ON TANGENTS
- (J) NOT USED
- (K) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (L) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (M) PINNING TEMPORARY CONCRETE BARRIER
- (N) PARTIAL RAMP CLOSURE PER STD TC-17
- (O) TEMPORARY CONCRETE BARRIER
- (P) RELOCATE TEMPORARY CONCRETE BARRIER
- (Q) NOT USED
- (R) TEMPORARY CONCRETE BARRIER TO REMAIN PERMANENTLY
- (S) PERMANENT PAVEMENT MARKINGS TO REMAIN (SEE PAVEMENT MARKING PLAN FOR DETAILS)

\* PROPOSED SIGNING OR TEMP PAVEMENT MARKINGS FROM PREVIOUS STAGE. SEE PREVIOUS STAGES FOR STATION AND OFFSET.

PLAN	SURVEYED	DATE
	BY	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	DATE	

PROFILE	SURVEYED	DATE
	BY	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	DATE	

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USER NAME = Kucharski	DESIGNED - AMK	REVISED -
	DRAWN - AMK	REVISED -
PLOT SCALE =	CHECKED - RPH	REVISED -
PLOT DATE = 4/18/2017	DATE - 05/02/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION








SUGGESTED STAGING OF CONSTRUCTION AND TRAFFIC CONTROL  
I-90 /94 STAGE 2A

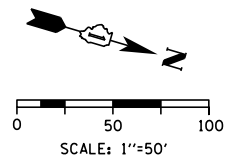
SCALE: SHEET NO. 3 OF 4 SHEETS STA. 38+00 TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2014-016R&B	COOK	378	73
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	

- NOTES:**
1. ALL STATIONS AND OFFSETS ARE MEASURED FROM EX @ I-90/94 & RAMP ALIGNMENTS UNLESS OTHERWISE NOTED.
  2. FOR PROPOSED DETOUR ROUTES FOR CLOSED RAMPS, SEE DETOUR PLAN SHEET 37 TO 48.
  3. SEE CONTRACT 60X99 FOR TEMPORARY TRAFFIC CONTROL AND SIGNING. PROPOSED TRAFFIC CONTROL SIGNING AND MARKINGS INSTALLED AND MAINTAINED BY CONTRACT 60X99.
  4. FOR MONROE STREET STAGING, SEE SHEET 82
  5. WORKZONE ON MONROE STREET BRIDGE NOT SHOWN FOR CLARITY.
  6. FOR RAMP CLOSURES RESTRICTIONS AND REQUIREMENTS, SEE SPECIAL PROVISIONS.

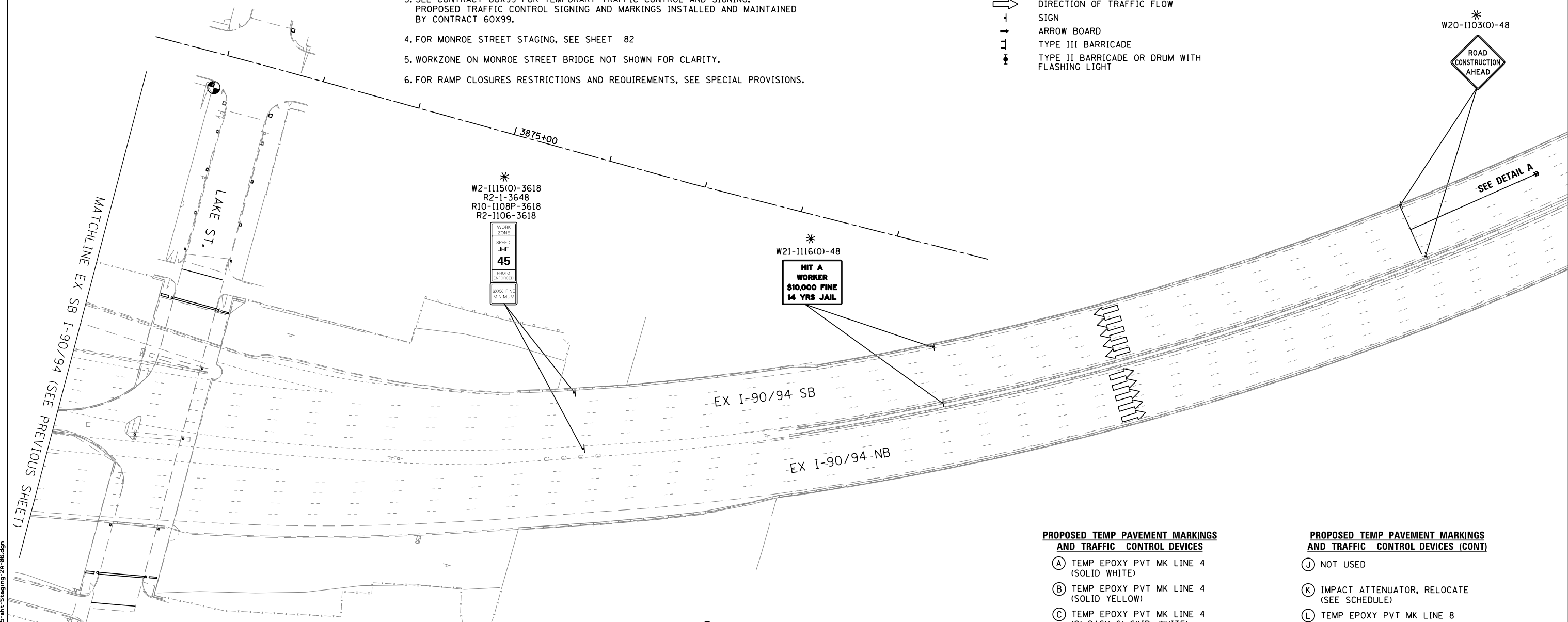
**LEGEND**

-  WORK ZONE
-  TEMPORARY IMPACT ATTENUATOR
-  TEMPORARY CONCRETE BARRIER
-  DIRECTION OF TRAFFIC FLOW
-  ARROW BOARD
-  TYPE III BARRICADE
-  TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT



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

PROFILE	SURVEYED	DATE
	GRADES CHECKED	BY
	STRUCTURE NOTATIONS OK'D	
	NO.	



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

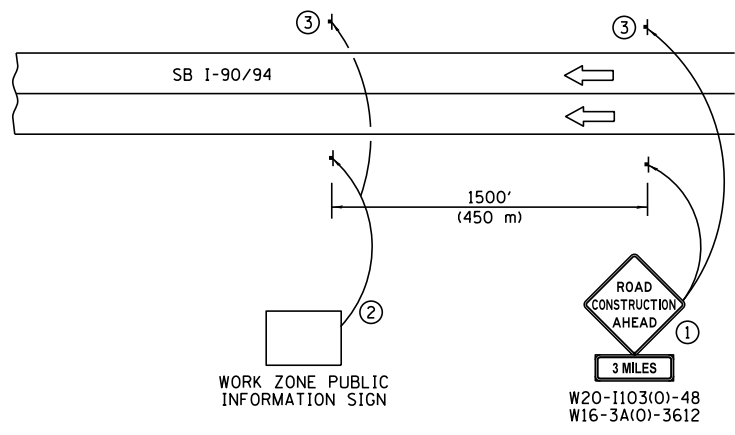
- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
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- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS @ 100' C-C (TYP) ON TANGENTS

**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES (CONT)**

- (J) NOT USED
- (K) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (L) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (M) PINNING TEMPORARY CONCRETE BARRIER
- (N) PARTIAL RAMP CLOSURE PER STD TC-17
- (O) TEMPORARY CONCRETE BARRIER
- (P) RELOCATE TEMPORARY CONCRETE BARRIER
- (Q) NOT USED
- (R) TEMPORARY CONCRETE BARRIER TO REMAIN PERMANENTLY
- (S) PERMANENT PAVEMENT MARKINGS TO REMAIN (SEE PAVEMENT MARKING PLAN FOR DETAILS)

\* PROPOSED SIGNING OR TEMP PAVEMENT MARKINGS FROM PREVIOUS STAGE. SEE PREVIOUS STAGE FOR STATION AND OFFSET.

- ① THE ROAD CONSTRUCTION AHEAD SIGN SHALL BE LOCATED 3 TO 5 MILES IN ADVNACE OF THE PROJECT LIMITS.
- ② THE MESSAGE AND SIZE OF THE WORK ZONE PUBLIC INFORMATION SIGN SHALL BE AS SPECIFIED BY THE DEPARTMENT.
- ③ THIS SIGN SHALL BE OMITTED WHEN MEDIAN WIDTH IS LESS THAN 10' (3 M).



**DETAIL A**



USER NAME = Kucharski	DESIGNED - AMK	REVISED -
	DRAWN - AMK	REVISED -
PLOT SCALE =	CHECKED - RPH	REVISED -
PLOT DATE = 4/18/2017	DATE - 05/02/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

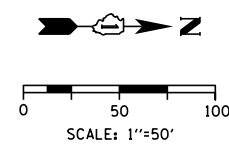
**SUGGESTED STAGING OF CONSTRUCTION AND TRAFFIC CONTROL  
I-90 /94 STAGE 2A**

SCALE: SHEET NO. 6 OF 7 SHEETS STA. TO STA.









F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2014-016R&B	COOK	378	74
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	

FILE NAME = T:\169988\Civil\60X95 Monroe Street\Plotting\Print Export\10169988-ah-Staging-2A-06.dgn





**LEGEND**

-  WORK ZONE
-  TEMPORARY IMPACT ATTENUATOR
-  TEMPORARY CONCRETE BARRIER
-  DIRECTION OF TRAFFIC FLOW
-  SIGN
-  ARROW BOARD
-  TYPE III BARRICADE
-  TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT

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

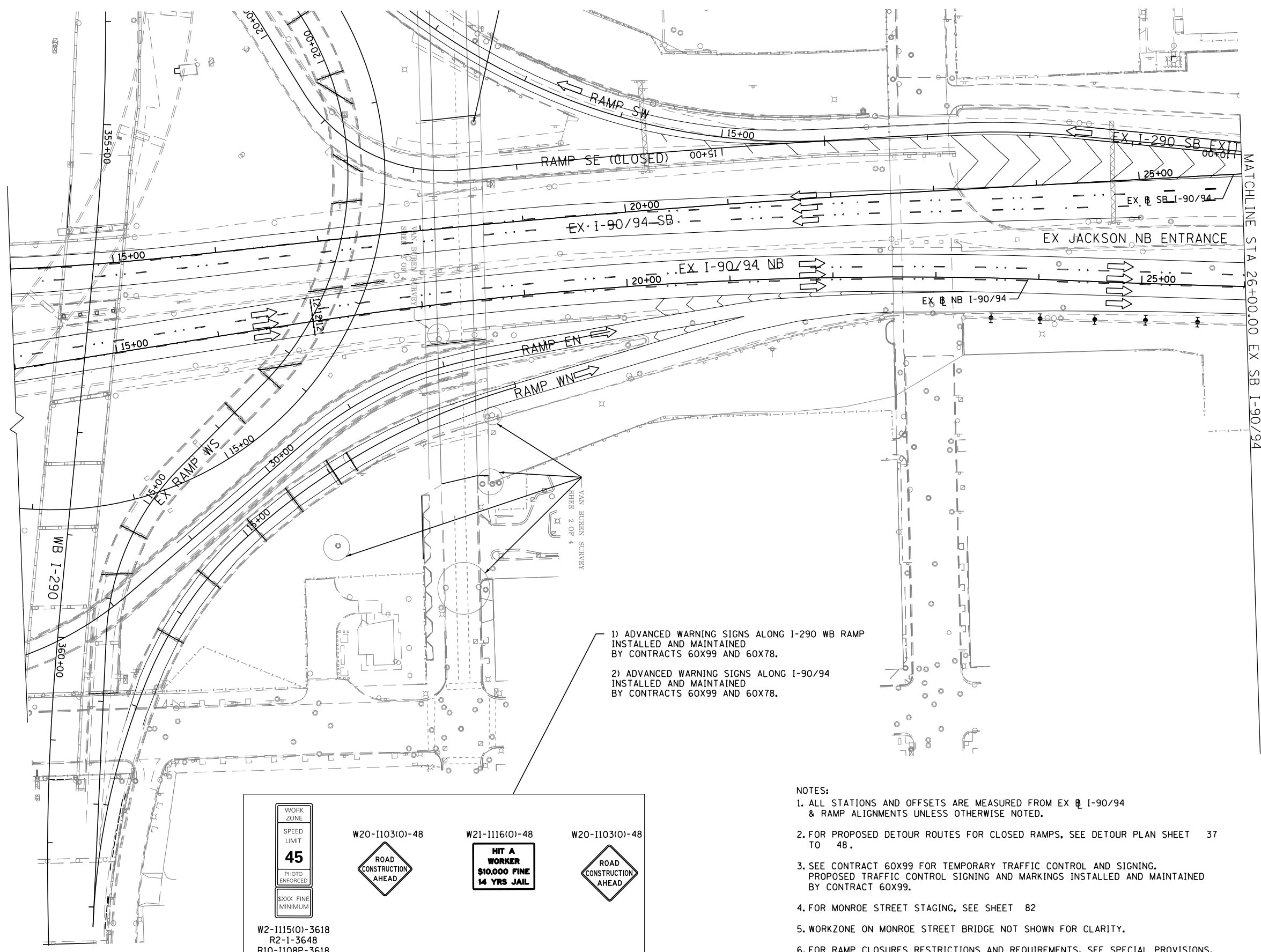
- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS @ 100' C-C (TYP) ON TANGENTS
- (J) NOT USED
- (K) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (L) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (M) PINNING TEMPORARY CONCRETE BARRIER
- (N) PARTIAL RAMP CLOSURE PER STD TC-17
- (O) TEMPORARY CONCRETE BARRIER
- (P) RELOCATE TEMPORARY CONCRETE BARRIER
- (Q) NOT USED
- (R) TEMPORARY CONCRETE BARRIER TO REMAIN PERMANENTLY
- (S) PERMANENT PAVEMENT MARKINGS TO REMAIN (SEE PAVEMENT MARKING PLAN FOR DETAILS)

\* PROPOSED SIGNING OR TEMP PAVEMENT MARKINGS FROM PREVIOUS STAGE. SEE PREVIOUS STAGE FOR STATION AND OFFSET.

PLAN	SURVEYED	DATE
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	CHECKED	
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	FILE NAME	
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PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NO.	



FILE NAME = T:\168988\Civil\68X95 Monroe Street\Plotting\Print Export\10168X95-shh-Stageing-2B-01.dgn



- 1) ADVANCED WARNING SIGNS ALONG I-290 WB RAMP INSTALLED AND MAINTAINED BY CONTRACTS 60X99 AND 60X78.
- 2) ADVANCED WARNING SIGNS ALONG I-90/94 INSTALLED AND MAINTAINED BY CONTRACTS 60X99 AND 60X78.

**NOTES:**

1. ALL STATIONS AND OFFSETS ARE MEASURED FROM EX @ I-90/94 & RAMP ALIGNMENTS UNLESS OTHERWISE NOTED.
2. FOR PROPOSED DETOUR ROUTES FOR CLOSED RAMPS, SEE DETOUR PLAN SHEET 37 TO 48.
3. SEE CONTRACT 60X99 FOR TEMPORARY TRAFFIC CONTROL AND SIGNING. PROPOSED TRAFFIC CONTROL SIGNING AND MARKINGS INSTALLED AND MAINTAINED BY CONTRACT 60X99.
4. FOR MONROE STREET STAGING, SEE SHEET 82
5. WORKZONE ON MONROE STREET BRIDGE NOT SHOWN FOR CLARITY.
6. FOR RAMP CLOSURES RESTRICTIONS AND REQUIREMENTS, SEE SPECIAL PROVISIONS.

<div style="border: 1px solid black; padding: 2px; width: 50px; margin: 0 auto;">                 WORK ZONE SPEED LIMIT <b>45</b> PHOTO ENFORCED \$XXX FINE MINIMUM             </div>	W20-1103(O)-48 	W21-1116(O)-48 <div style="border: 1px solid black; padding: 2px; width: 60px; margin: 0 auto;"> <b>HIT A WORKER</b>  <b>\$10,000 FINE</b>  <b>14 YRS JAIL</b> </div>	W20-1103(O)-48 
W2-1115(O)-3618 R2-1-3648 R10-1108P-3618 R2-1106-3618			

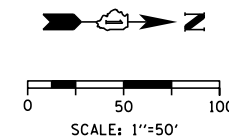
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	DRAWN - AMK	REVISED -	
PLOT SCALE =	CHECKED - RPH	REVISED -	
PLOT DATE = 4/18/2017	DATE - 05/02/2017	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGING OF CONSTRUCTION AND TRAFFIC CONTROL	
I-90 /94 STAGE 2B	
SCALE:	SHEET NO. 1 OF 4 SHEETS STA. 14+00 TO STA. 26+00

F.A.I. RTE. 90/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 75
			CONTRACT NO. 60X95	
ILLINOIS FED. AID PROJECT				



**LEGEND**

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW
- SIGN
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT

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

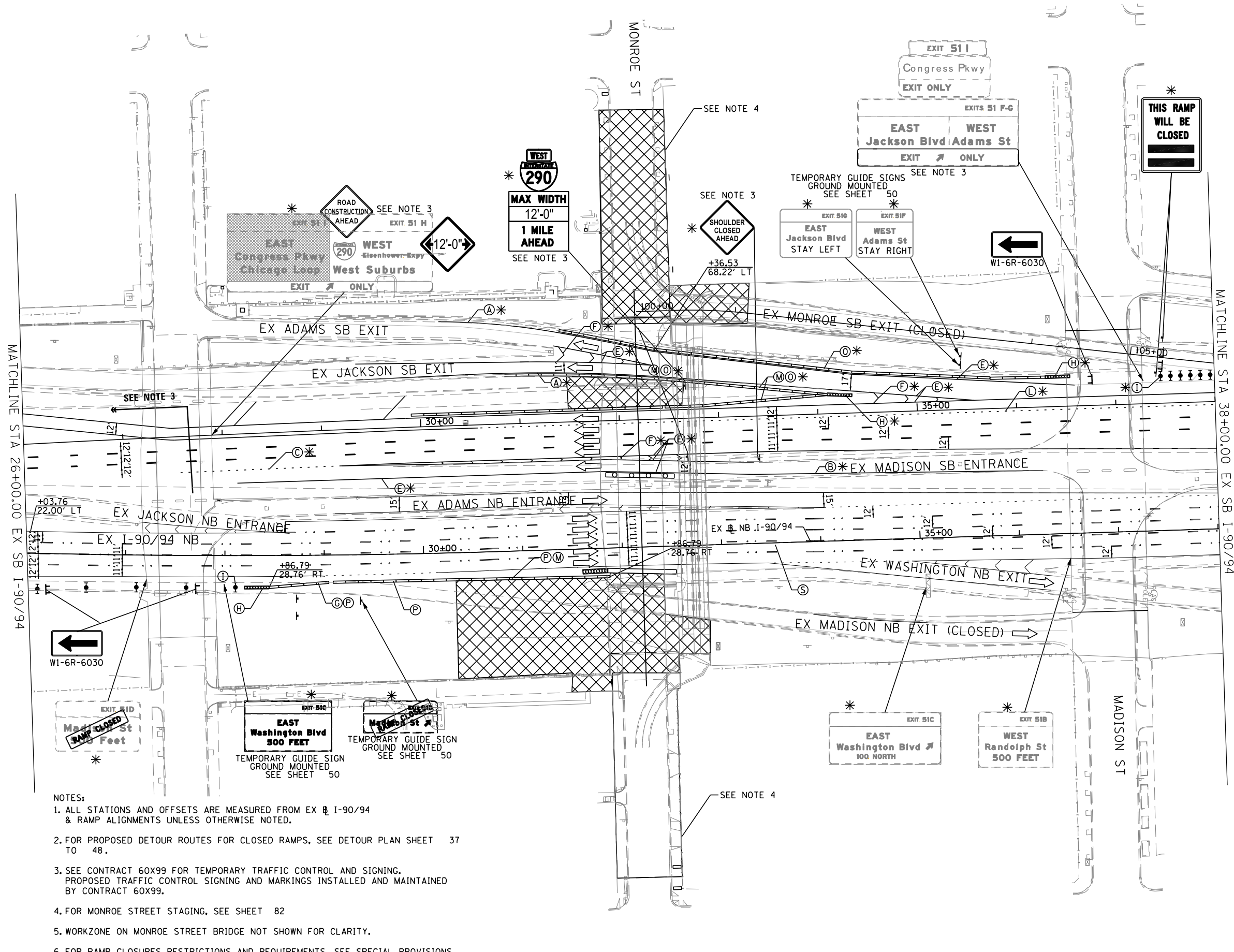
- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS @ 100' C-C (TYP) ON TANGENTS
- (J) NOT USED
- (K) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (L) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (M) PINNING TEMPORARY CONCRETE BARRIER
- (N) PARTIAL RAMP CLOSURE PER STD TC-17
- (O) TEMPORARY CONCRETE BARRIER
- (P) RELOCATE TEMPORARY CONCRETE BARRIER
- (Q) NOT USED
- (R) TEMPORARY CONCRETE BARRIER TO REMAIN PERMANENTLY
- (S) PERMANENT PAVEMENT MARKINGS TO REMAIN (SEE PAVEMENT MARKING PLAN FOR DETAILS)

\* PROPOSED SIGNING OR TEMP PAVEMENT MARKINGS FROM PREVIOUS STAGE. SEE PREVIOUS STAGE FOR STATION AND OFFSET.

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- NOTES:**
1. ALL STATIONS AND OFFSETS ARE MEASURED FROM EX I-90/94 & RAMP ALIGNMENTS UNLESS OTHERWISE NOTED.
  2. FOR PROPOSED DETOUR ROUTES FOR CLOSED RAMPS, SEE DETOUR PLAN SHEET 37 TO 48.
  3. SEE CONTRACT 60X99 FOR TEMPORARY TRAFFIC CONTROL AND SIGNING. PROPOSED TRAFFIC CONTROL SIGNING AND MARKINGS INSTALLED AND MAINTAINED BY CONTRACT 60X99.
  4. FOR MONROE STREET STAGING, SEE SHEET 82
  5. WORKZONE ON MONROE STREET BRIDGE NOT SHOWN FOR CLARITY.
  6. FOR RAMP CLOSURES RESTRICTIONS AND REQUIREMENTS, SEE SPECIAL PROVISIONS.

**PARSONS BRINCKERHOFF**

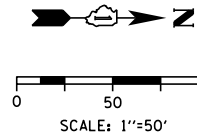
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PLOT DATE = 4/18/2017	DATE - 05/02/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SUGGESTED STAGING OF CONSTRUCTION AND TRAFFIC CONTROL</b>	
<b>I-90/94 STAGE 2B</b>	
SCALE:	SHEET NO. 2 OF 4 SHEETS STA. 26+00 TO STA. 38+00

F.A.I. RTE. 90/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 76
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	

- NOTES:
1. ALL STATIONS AND OFFSETS ARE MEASURED FROM EX I-90/94 & RAMP ALIGNMENTS UNLESS OTHERWISE NOTED.
  2. FOR PROPOSED DETOUR ROUTES FOR CLOSED RAMPS, SEE DETOUR PLAN SHEET 37 TO 48.
  3. SEE CONTRACT 60X99 FOR TEMPORARY TRAFFIC CONTROL AND SIGNING. PROPOSED TRAFFIC CONTROL SIGNING AND MARKINGS INSTALLED AND MAINTAINED BY CONTRACT 60X99.
  4. FOR MONROE STREET STAGING, SEE SHEET 82
  5. WORKZONE ON MONROE STREET BRIDGE NOT SHOWN FOR CLARITY.
  6. FOR RAMP CLOSURES RESTRICTIONS AND REQUIREMENTS, SEE SPECIAL PROVISIONS.



**LEGEND**

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW
- SIGN
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT

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

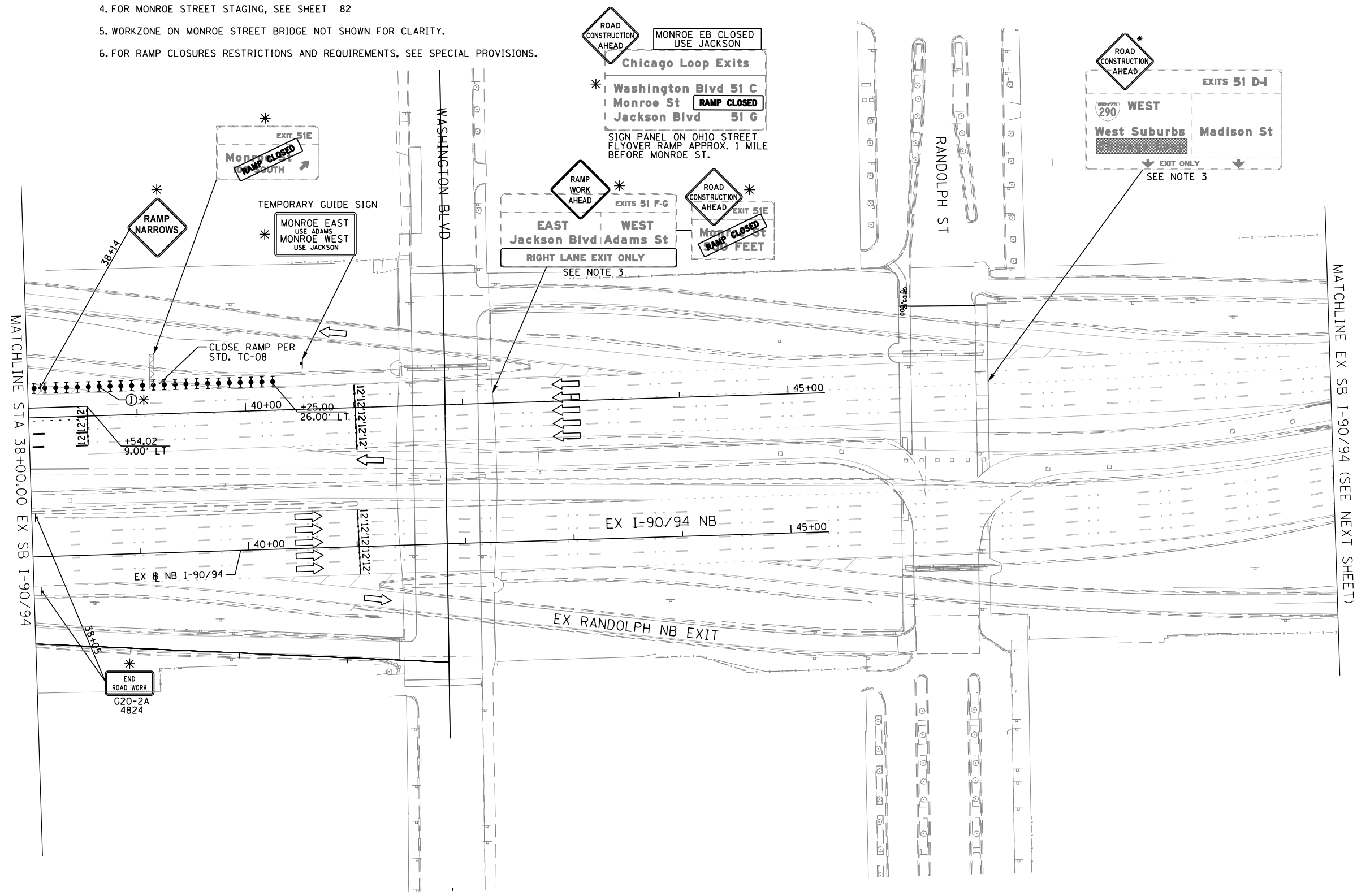
- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS @ 100' C-C (TYP) ON TANGENTS
- (J) NOT USED
- (K) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (L) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (M) PINNING TEMPORARY CONCRETE BARRIER
- (N) PARTIAL RAMP CLOSURE PER STD TC-17
- (O) TEMPORARY CONCRETE BARRIER
- (P) RELOCATE TEMPORARY CONCRETE BARRIER
- (Q) NOT USED
- (R) TEMPORARY CONCRETE BARRIER TO REMAIN PERMANENTLY
- (S) PERMANENT PAVEMENT MARKINGS TO REMAIN (SEE PAVEMENT MARKING PLAN FOR DETAILS)

\* PROPOSED SIGNING OR TEMP PAVEMENT MARKINGS FROM PREVIOUS STAGE. SEE PREVIOUS STAGE FOR STATION AND OFFSET.

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**PARSONS BRINCKERHOFF**

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PLOT DATE = 4/18/2017	DATE - 05/02/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGING OF CONSTRUCTION AND TRAFFIC CONTROL  
I-90/94 STAGE 2B

F.A.I. RTE. 90/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 77
CONTRACT NO. 60X99			ILLINOIS FED. AID PROJECT	

SCALE: SHEET NO. 3 OF 4 SHEETS STA. 38+00 TO STA.



PLAN	SURVEYED	DATE
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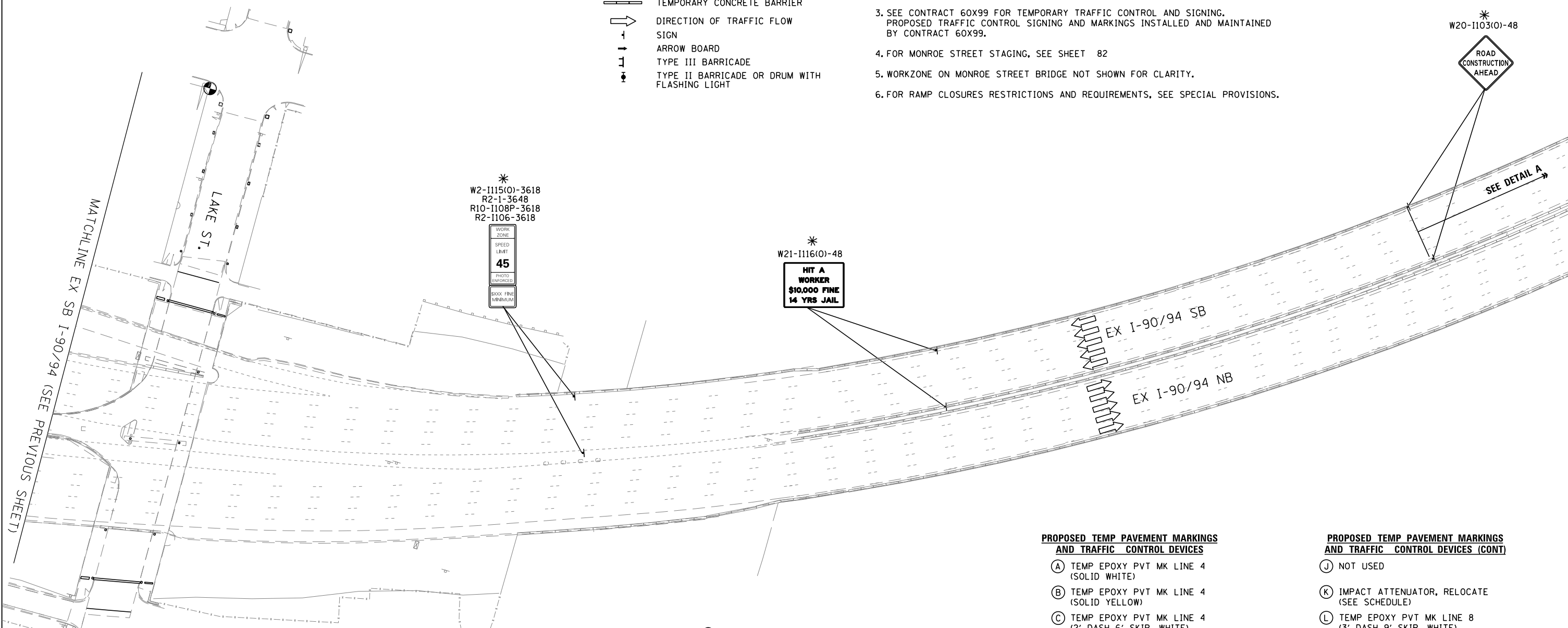
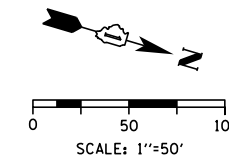
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	STRUCTURE	
	NOTATIONS	
	CHKD	
	NO.	

**LEGEND**

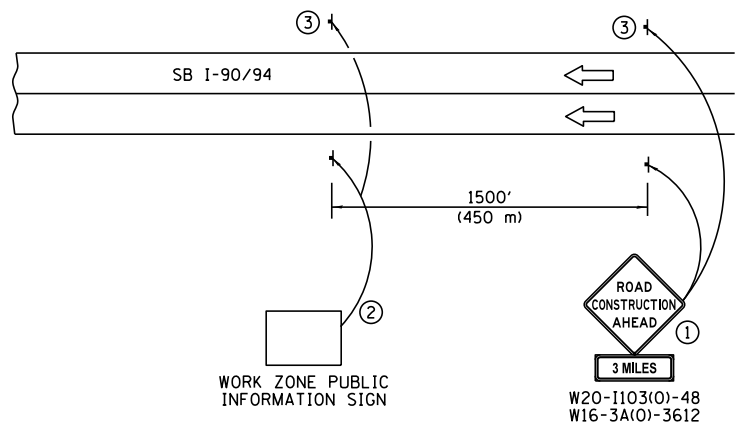
- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW SIGN
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT

**NOTES:**

1. ALL STATIONS AND OFFSETS ARE MEASURED FROM EX @ I-90/94 & RAMP ALIGNMENTS UNLESS OTHERWISE NOTED.
2. FOR PROPOSED DETOUR ROUTES FOR CLOSED RAMPS, SEE DETOUR PLAN SHEET 37 TO 48.
3. SEE CONTRACT 60X99 FOR TEMPORARY TRAFFIC CONTROL AND SIGNING. PROPOSED TRAFFIC CONTROL SIGNING AND MARKINGS INSTALLED AND MAINTAINED BY CONTRACT 60X99.
4. FOR MONROE STREET STAGING, SEE SHEET 82
5. WORKZONE ON MONROE STREET BRIDGE NOT SHOWN FOR CLARITY.
6. FOR RAMP CLOSURES RESTRICTIONS AND REQUIREMENTS, SEE SPECIAL PROVISIONS.



- ① THE ROAD CONSTRUCTION AHEAD SIGN SHALL BE LOCATED 3 TO 5 MILES IN ADVNACE OF THE PROJECT LIMITS.
- ② THE MESSAGE AND SIZE OF THE WORK ZONE PUBLIC INFORMATION SIGN SHALL BE AS SPECIFIED BY THE DEPARTMENT.
- ③ THIS SIGN SHALL BE OMITTED WHEN MEDIAN WIDTH IS LESS THAN 10' (3 M).



**DETAIL A**

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

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS @ 100' C-C (TYP) ON TANGENTS

**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES (CONT)**

- (J) NOT USED
- (K) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (L) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (M) PINNING TEMPORARY CONCRETE BARRIER
- (N) PARTIAL RAMP CLOSURE PER STD TC-17
- (O) TEMPORARY CONCRETE BARRIER
- (P) RELOCATE TEMPORARY CONCRETE BARRIER
- (Q) NOT USED
- (R) TEMPORARY CONCRETE BARRIER TO REMAIN PERMANENTLY
- (S) PERMANENT PAVEMENT MARKINGS TO REMAIN (SEE PAVEMENT MARKING PLAN FOR DETAILS)

\* PROPOSED SIGNING OR TEMP PAVEMENT MARKINGS FROM PREVIOUS STAGE. SEE PREVIOUS STAGE FOR STATION AND OFFSET.

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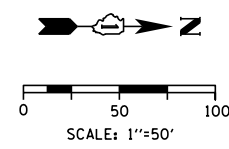


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




STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

<b>SUGGESTED STAGING OF CONSTRUCTION AND TRAFFIC CONTROL</b>	
<b>I-90 /94 STAGE 2B</b>	
SCALE:	SHEET NO. 4 OF 4 SHEETS
STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 90/94	2014-016R&B	COOK	378	78
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	



**LEGEND**

-  WORK ZONE
-  TEMPORARY IMPACT ATTENUATOR
-  TEMPORARY CONCRETE BARRIER
-  DIRECTION OF TRAFFIC FLOW
-  SIGN
-  ARROW BOARD
-  TYPE III BARRICADE
-  TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT

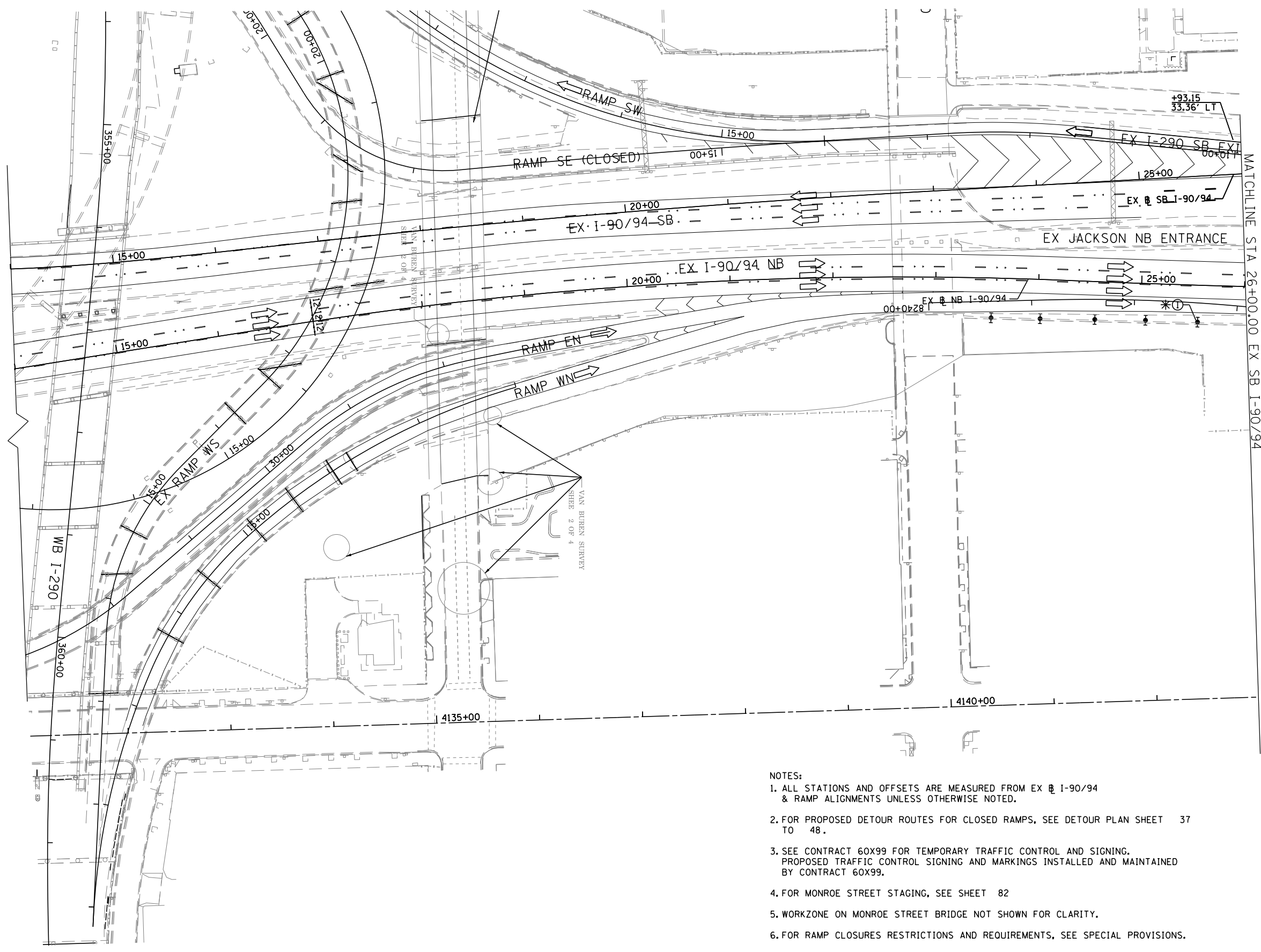
**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
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- (N) PARTIAL RAMP CLOSURE PER STD TC-17
- (O) TEMPORARY CONCRETE BARRIER
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- (Q) NOT USED
- (R) TEMPORARY CONCRETE BARRIER TO REMAIN PERMANENTLY
- (S) PERMANENT PAVEMENT MARKINGS TO REMAIN (SEE PAVEMENT MARKING PLAN FOR DETAILS)

\* PROPOSED SIGNING OR TEMP PAVEMENT MARKINGS FROM PREVIOUS STAGE. SEE PREVIOUS STAGE FOR STATION AND OFFSET.

**NOTES:**

1. ALL STATIONS AND OFFSETS ARE MEASURED FROM EX I-90/94 & RAMP ALIGNMENTS UNLESS OTHERWISE NOTED.
2. FOR PROPOSED DETOUR ROUTES FOR CLOSED RAMPS, SEE DETOUR PLAN SHEET 37 TO 48.
3. SEE CONTRACT 60X99 FOR TEMPORARY TRAFFIC CONTROL AND SIGNING. PROPOSED TRAFFIC CONTROL SIGNING AND MARKINGS INSTALLED AND MAINTAINED BY CONTRACT 60X99.
4. FOR MONROE STREET STAGING, SEE SHEET 82
5. WORKZONE ON MONROE STREET BRIDGE NOT SHOWN FOR CLARITY.
6. FOR RAMP CLOSURES RESTRICTIONS AND REQUIREMENTS, SEE SPECIAL PROVISIONS.



PLAN	SURVEYED	DATE
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**PARSONS BRINCKERHOFF**

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	DRAWN - AMK	REVISED -
PLOT SCALE =	CHECKED - RPH	REVISED -
PLOT DATE = 4/18/2017	DATE - 05/02/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

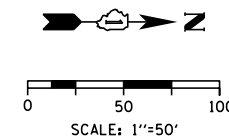
<b>SUGGESTED STAGING OF CONSTRUCTION AND TRAFFIC CONTROL</b>	
<b>I-90/94 STAGE 3</b>	
SCALE:	SHEET NO. 1 OF 3 SHEETS STA. 14+00 TO STA. 26+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2014-016R&B	COOK	378	79
CONTRACT NO. 60X99			ILLINOIS FED. AID PROJECT	

**NOTES:**

1. ALL STATIONS AND OFFSETS ARE MEASURED FROM EX 1-90/94 & RAMP ALIGNMENTS UNLESS OTHERWISE NOTED.
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4. FOR MONROE STREET STAGING, SEE SHEET 82
5. WORKZONE ON MONROE STREET BRIDGE NOT SHOWN FOR CLARITY.
6. FOR RAMP CLOSURES RESTRICTIONS AND REQUIREMENTS, SEE SPECIAL PROVISIONS.

SEE MAINLINE PAVEMENT MARKING PLAN FOR STATION, OFFSET AND TYPE OF ALL PAVEMENT MARKINGS FOR I-90/94 AND JACKSON AND ADAMS SB EXIT RAMPS.



**LEGEND**

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW
- SIGN
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT

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

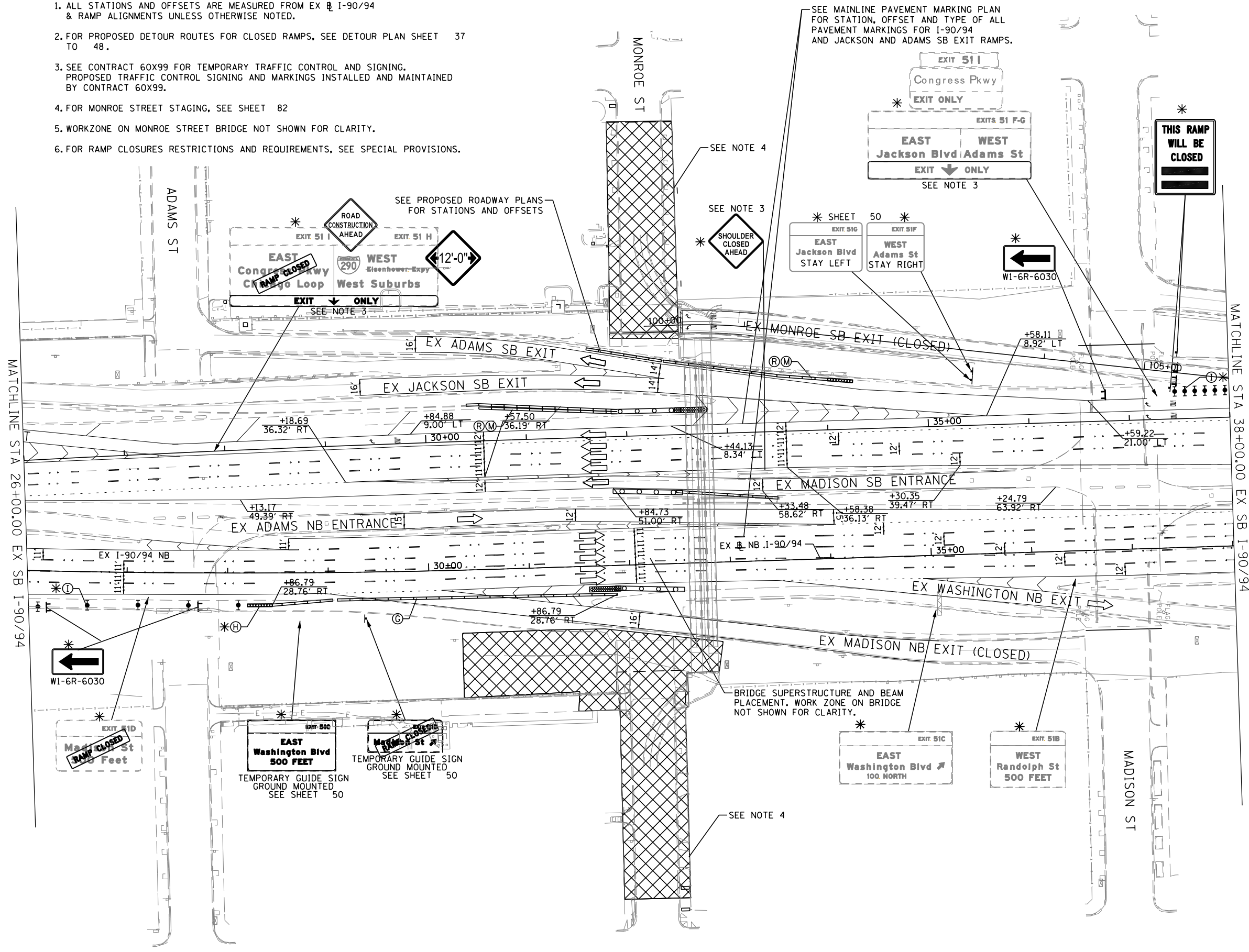
- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30" SPACING) (TYP)
- (G) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMPS @ 100' C-C (TYP) ON TANGENTS
- (J) NOT USED
- (K) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (L) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (M) PINNING TEMPORARY CONCRETE BARRIER
- (N) PARTIAL RAMP CLOSURE PER STD TC-17
- (O) TEMPORARY CONCRETE BARRIER
- (P) RELOCATE TEMPORARY CONCRETE BARRIER
- (Q) NOT USED
- (R) TEMPORARY CONCRETE BARRIER TO REMAIN PERMANENTLY
- (S) PERMANENT PAVEMENT MARKINGS TO REMAIN (SEE PAVEMENT MARKING PLAN FOR DETAILS)

\* PROPOSED SIGNING OR TEMP PAVEMENT MARKINGS FROM PREVIOUS STAGE. SEE PREVIOUS STAGE FOR STATION AND OFFSET.

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	NOTED
	ALIGNED
	CHECKED
	FILED
	NO.

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BY	
PROFILE	SURVEYED
	GRADES
	CHECKED
	STRUCTURE
	NOTATIONS
	OK'D
	NO.

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**PARSONS BRINCKERHOFF**

USER NAME = Kucharski	DESIGNED - AMK	REVISED -
	DRAWN - AMK	REVISED -
PLOT SCALE =	CHECKED - RPH	REVISED -
PLOT DATE = 4/18/2017	DATE - 05/02/2017	REVISED -

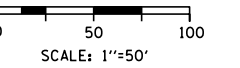
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

<b>SUGGESTED STAGING OF CONSTRUCTION AND TRAFFIC CONTROL</b>	
<b>I-90/94 STAGE 3</b>	
SCALE:	SHEET NO. 2 OF 3 SHEETS STA. 26+00 TO STA. 38+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2014-016R&B	COOK	378	80
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	

NOTES:

1. ALL STATIONS AND OFFSETS ARE MEASURED FROM EX I-90/94 & RAMP ALIGNMENTS UNLESS OTHERWISE NOTED.
2. FOR PROPOSED DETOUR ROUTES FOR CLOSED RAMPS, SEE DETOUR PLAN SHEET 37 TO 48.
3. SEE CONTRACT 60X99 FOR TEMPORARY TRAFFIC CONTROL AND SIGNING. PROPOSED TRAFFIC CONTROL SIGNING AND MARKINGS INSTALLED AND MAINTAINED BY CONTRACT 60X99.
4. FOR MONROE STREET STAGING, SEE SHEET 82
5. WORKZONE ON MONROE STREET BRIDGE NOT SHOWN FOR CLARITY.
6. FOR RAMP CLOSURES RESTRICTIONS AND REQUIREMENTS, SEE SPECIAL PROVISIONS.



**LEGEND**

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW
- SIGN
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT

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

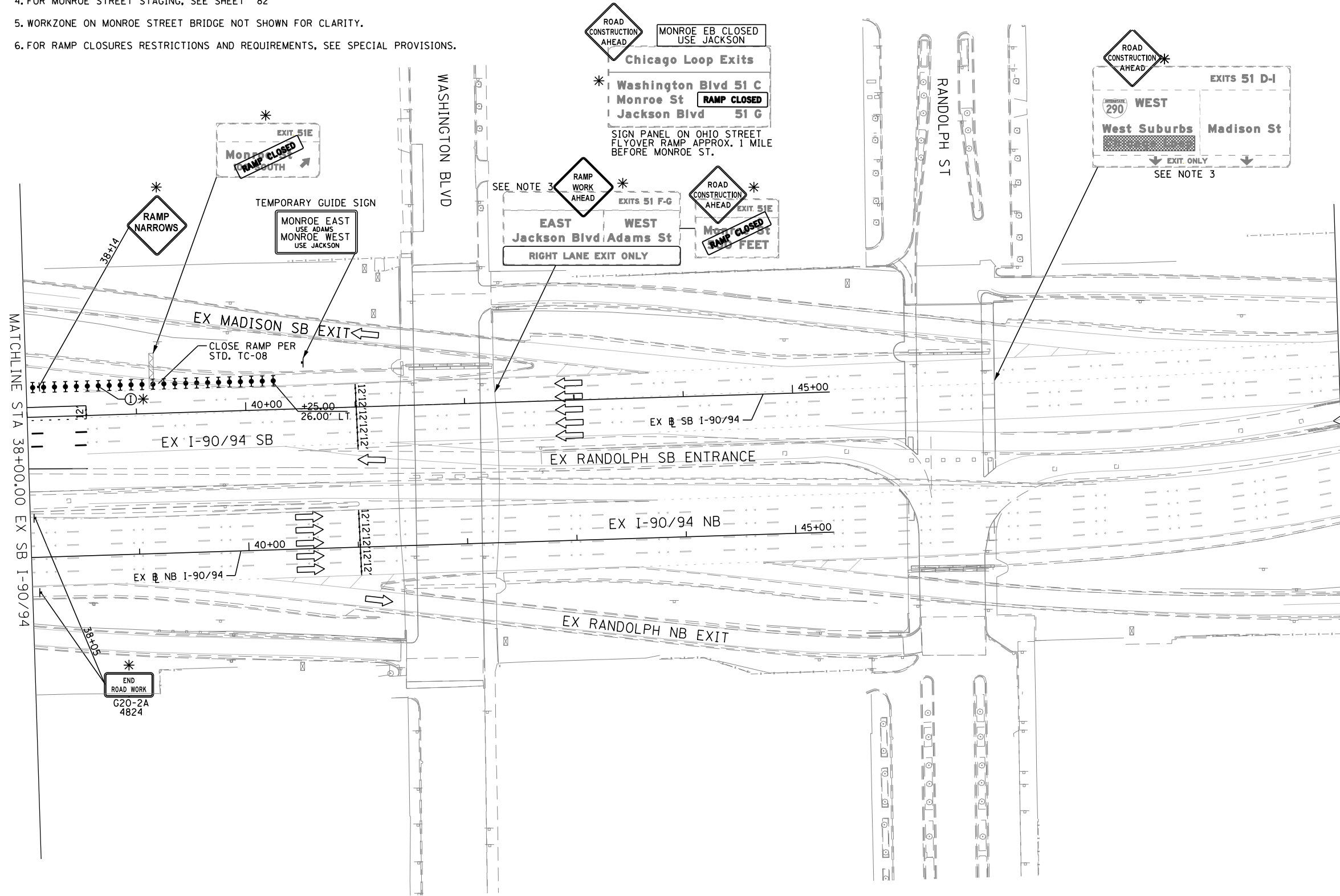
- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
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- (J) NOT USED
- (K) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (L) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (M) PINNING TEMPORARY CONCRETE BARRIER
- (N) PARTIAL RAMP CLOSURE PER STD TC-17
- (O) TEMPORARY CONCRETE BARRIER
- (P) RELOCATE TEMPORARY CONCRETE BARRIER
- (Q) NOT USED
- (R) TEMPORARY CONCRETE BARRIER TO REMAIN PERMANENTLY
- (S) PERMANENT PAVEMENT MARKINGS TO REMAIN (SEE PAVEMENT MARKING PLAN FOR DETAILS)

\* PROPOSED SIGNING OR TEMP PAVEMENT MARKINGS FROM PREVIOUS STAGE. SEE PREVIOUS STAGE FOR STATION AND OFFSET.

DATE	
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**PARSONS BRINCKERHOFF**

USER NAME = Kucharski	DESIGNED - AMK	REVISED -
	DRAWN - AMK	REVISED -
PLOT SCALE =	CHECKED - RPH	REVISED -
PLOT DATE = 4/18/2017	DATE - 05/02/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGING OF CONSTRUCTION AND TRAFFIC CONTROL  
I-90 /94 STAGE 3

SCALE: SHEET NO. 3 OF 3 SHEETS STA. 38+00 TO STA.

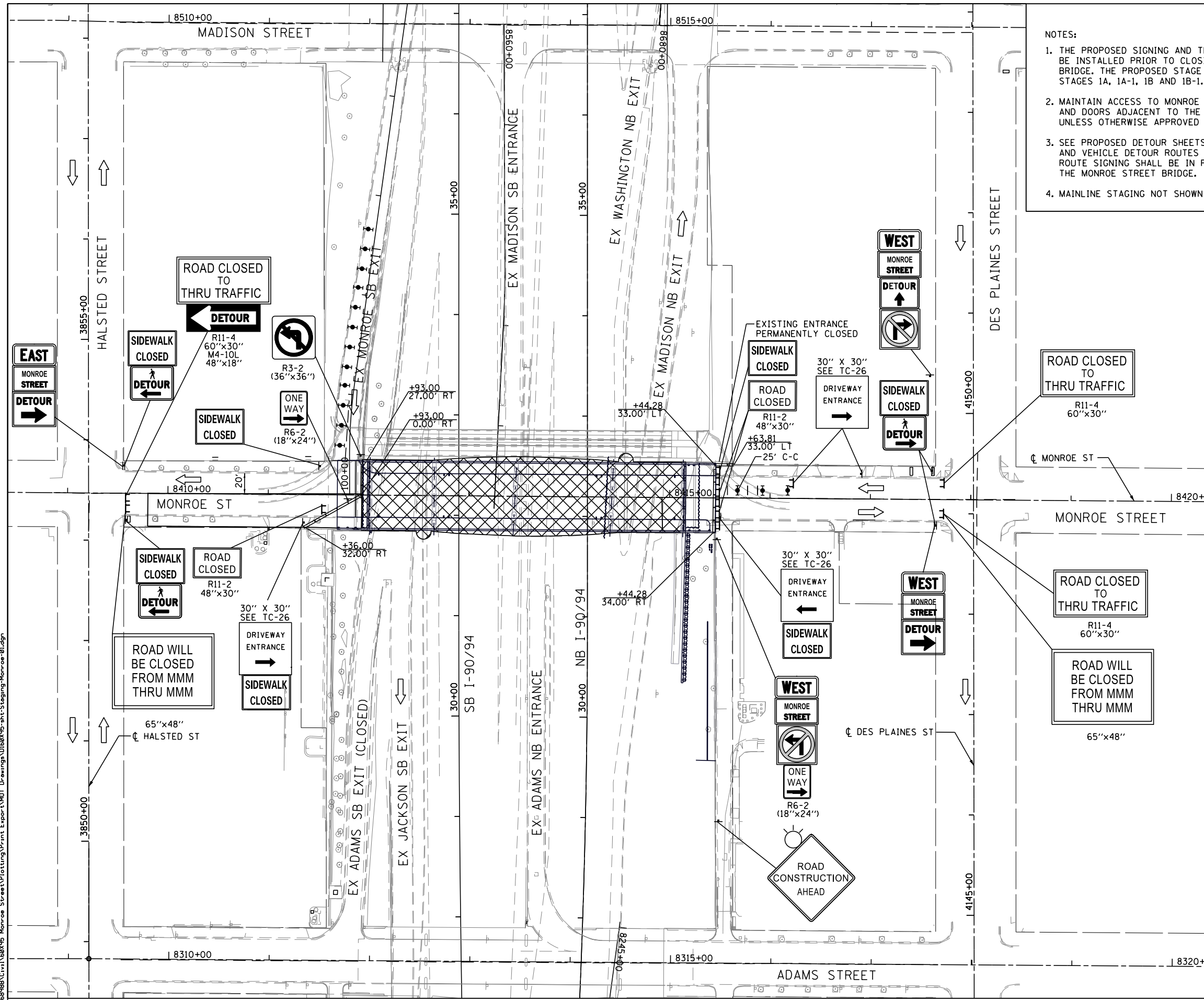
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2014-016R&B	COOK	378	81
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	



PLAN	SURVEYED	DATE
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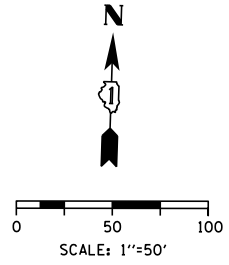
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	STRUCTURE	
	NOTATIONS	
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**NOTES:**

1. THE PROPOSED SIGNING AND TEMPORARY BARRIER SHALL BE INSTALLED PRIOR TO CLOSING THE MONROE STREET BRIDGE. THE PROPOSED STAGE SHALL BE INSTALLED FOR STAGES 1A, 1A-1, 1B AND 1B-1.
2. MAINTAIN ACCESS TO MONROE STREET DRIVEWAYS, ALLEYS AND DOORS ADJACENT TO THE SIDEWALK AT ALL TIMES UNLESS OTHERWISE APPROVED BY THE ENGINEER.
3. SEE PROPOSED DETOUR SHEETS FOR FULL PEDESTRIAN AND VEHICLE DETOUR ROUTES AND SIGNING. DETOUR ROUTE SIGNING SHALL BE IN PLACE PRIOR TO CLOSING THE MONROE STREET BRIDGE.
4. MAINLINE STAGING NOT SHOWN FOR CLARITY.



**LEGEND**

- WORK ZONE
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW
- SIGN
- ARROW BOARD
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM WITH FLASHING LIGHT

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

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
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- (H) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3 (SEE SCHEDULE)
- (I) TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C (TYP) ON TAPERS AND RAMP @ 100' C-C (TYP) ON TANGENTS
- (J) TEMP CONC BARRIER @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (K) IMPACT ATTENUATOR, RELOCATE (SEE SCHEDULE)
- (L) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
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- (S) PERMANENT PAVEMENT MARKINGS TO REMAIN (SEE PAVEMENT MARKING PLAN FOR DETAILS)



USER NAME = Kucharski	DESIGNED - AMK	REVISED -
	DRAWN - AMK	REVISED -
PLOT SCALE =	CHECKED - RPH	REVISED -
PLOT DATE = 4/18/2017	DATE - 05/02/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGING OF CONSTRUCTION AND TRAFFIC CONTROL  
MONROE STREET BRIDGE - STAGE 1**

SCALE: 1"=50'      SHEET NO. 1 OF 2 SHEETS      STA.      TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 90/94	2014-016R&B	COOK	378	82
CONTRACT NO. 60X95				
ILLINOIS FED. AID PROJECT				



**EROSION CONTROL GENERAL NOTES**

1. THE CONSTRUCTION LIMITS WILL BE STAKED AND APPROVED BY THE ENGINEER PRIOR TO COMMENCING CONSTRUCTION. THE CONSTRUCTION LIMITS MAY BE ADJUSTED BY THE ENGINEER TO PRESERVE TREES AND NO ADDITIONAL COMPENSATION WILL BE PAID TO THE CONTRACTOR FOR CHANGES IN CONSTRUCTION LIMITS.
2. EROSION CONTROL ITEMS ARE CONSIDERED HIGH PRIORITY ITEMS IN THIS CONTRACT. THE ENGINEER WILL IMPLEMENT ALL PROVISIONS OF SPECIFICATION TO NECESSARY ASSURE THAT EROSION CONTROL ITEMS ARE CONSTRUCTED AND MAINTAINED IN A TIMELY MANNER. THE CONTRACTOR SHALL INSTALL TEMPORARY EROSION CONTROL MEASURES PRIOR TO THE START OF CONSTRUCTION OPERATIONS WHICH WILL POTENTIALLY CREATE ERODIBLE CONDITIONS. PLACEMENT AND MAINTENANCE OF TEMPORARY EROSION CONTROL SYSTEMS WILL BE UTILIZED THROUGHOUT THE CONSTRUCTION LIMITS.
3. TEMPORARY EROSION CONTROL MEASURES SHALL BE CONSTRUCTED AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER. THE WORK SHALL BE COMPLETED IN ACCORDANCE WITH SECTION 280 OF THE STANDARD SPECIFICATIONS, CONTRACT SPECIAL PROVISIONS AND THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP).
4. THE CONTRACTOR SHALL UTILIZE THE GENERAL MAINTENANCE GUIDELINES AS OUTLINED IN THE SWPPP TO ENSURE GOOD AND EFFECTIVE OPERATING CONDITION OF THE VEGETATION AND EROSION AND SEDIMENT CONTROL MEASURES.
5. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON SITE. ALL CHANGES TO THE SOIL EROSION AND SEDIMENT CONTROL PLAN SHALL BE NOTED ON THE SITE.
6. THE CONTRACTOR SHALL PERFORM ALL WORK AS DIRECTED BY THE ENGINEER AND AS SHOWN IN HIGHWAY STANDARD 280001. STRAW BALES AND SILT FENCE SHOULD NOT BE USED AS INLET AND PIPE PROTECTION.
7. THE EROSION CONTROL MEASURES SHOWN ARE BUT A GRAPHICAL REPRESENTATION OF SUGGESTED MEASURES. DEVIATIONS FROM THIS PLAN ARE TO BE EXPECTED PENDING A JOBSITE INSPECTION BETWEEN THE CONTRACTOR AND THE DEPARTMENT.
8. THE CONTRACTOR WILL BE REQUIRED TO IMPLEMENT AND MAINTAIN SEDIMENT CONTROL MEASURES PRIOR TO STRIPPING EXISTING VEGETATION.
9. THE CONTRACTOR SHALL INSPECT ALL EROSION AND SEDIMENT CONTROL MEASURES WEEKLY AND AFTER EACH RAINFALL, 0.5 INCHES OR GREATER IN A 24 HOUR PERIOD, OR EQUIVALENT SNOWFALL. ADDITIONALLY DURING WINTER MONTHS, ALL MEASURES SHOULD BE CHECKED AFTER EACH SIGNIFICANT SNOWMELT. ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF SAID MEASURES SHALL BE MADE IMMEDIATELY.
10. TEMPORARY EROSION CONTROL SEEDING SHALL BE APPROVED PER SUB-STAGE AS SOON AS ROUGH GRADING IS COMPLETED IN A SECTION. STABILIZATION OF DISTURBED AREAS MUST BE INITIATED WITHIN ONE WORKING DAY OF TEMPORARY OR PERMANENT CESSATION OF EARTH DISTURBING ACTIVITIES AND SHALL BE COMPLETED AS SOON AS POSSIBLE BUT NO LATER THAN 14 DAYS FROM THE INITIATION OF STABILIZATION OF WORK IN AN AREA.
11. MULCH, METHOD 2 AND SURFACE ROUGHENING SHALL BE USED FOR TEMPORARY STABILIZATION DURING WINTER IN ADDITION TO TEMPORARY EROSION CONTROL SEEDING WHEN GRADING WILL OCCUR WHILE THE GROUND IS SNOW COVERED WHEN TEMPORARY SEED WILL NOT GERMINATE AND PROVIDE EROSION CONTROL PROTECTION UNTIL THE FOLLOWING SPRING. SURFACE ROUGHENING WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF MULCH, METHOD 2.
12. ANY AREA WHERE THERE IS NO PROPOSED GRADING THE EXISTING GROUND COVER SHALL REMAIN.
13. TEMPORARY STOCKPILE LOCATIONS SHALL BE APPROVED BY THE ENGINEER AND WILL REQUIRE SILT FENCE AND TEMPORARY SEEDING.
14. THE CONTRACTOR SHALL INSTALL, MAINTAIN AND ROUTINELY CLEAN INLET FILTERS AT ALL EXISTING INLETS ADJACENT TO THE EDGE OF PAVEMENT PRIOR TO THE START OF PRE-STAGE WORK. THE INLET FILTERS SHALL BE MAINTAINED AT EACH SUBSEQUENT STAGE UNTIL NO LONGER REQUIRED OR AS DIRECTED BY THE ENGINEER.
15. DURING CONSTRUCTION OPERATIONS, WHEN ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTERS OR DRAINAGE STRUCTURES SO THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, THE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY.
16. THE CONTRACTOR SHALL IMMEDIATELY INSTALL AND MAINTAIN INLET FILTERS AT ALL NEW INLETS AND DRAINAGE STRUCTURES. THE INLET FILTERS SHALL BE MAINTAINED AT EACH SUBSEQUENT STAGE UNTIL COMPLETION OF STAGING OR UNTIL NO LONGER REQUIRED.
17. TEMPORARY OR PERMANENT STABILIZATION SHALL BE INSTALLED ON ALL AREAS DISTURBED DURING EACH STAGE OF CONSTRUCTION PRIOR TO SWITCHING TRAFFIC TO BEGIN THE SUBSEQUENT STAGE. ALSO, ALL EROSION CONTROL MEASURES PLACED DURING CONSTRUCTION SHALL REMAIN IN PLACE AND BE MAINTAINED UNTIL COMPLETION OF CONTRACT OR NO LONGER REQUIRED.
18. ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION AND IDOT'S BEST MANAGEMENT PRACTICES MAINTENANCE GUIDE: ([HTTP://WWW.IDOT.ILLINOIS.GOV/TRANSPORTATION-SYSTEM/ENVIRONMENT/EROSION-AND-SEDIMENT-CONTROL](http://www.idot.illinois.gov/transportation-system/environment/erosion-and-sediment-control)).
19. THE CONTRACTOR SHALL PROVIDE TO THE RESIDENT ENGINEER A PLAN TO ENSURE THAT A STABILIZED FLOW LINE WILL BE PROVIDED DURING STORM SEWER CONSTRUCTION. THE USE OF A STABILIZED FLOW LINE BETWEEN INSTALLED STORM SEWER AND OPEN DISTURBANCE WILL REDUCE THE POTENTIAL FOR THE OFFSITE DISCHARGE OF SEDIMENT-BEARING WATERS, ESPECIALLY WHEN RAIN IS FORECASTED, SO THAT FLOW WILL NOT ERODE. LACK OF APPROVED PLAN OR FAILURE TO COMPLY WILL RESULT IN AN EROSION AND SEDIMENT CONTROL DEFICIENCY DEDUCTION.
20. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDED AT ONE TIME.

PLAN	SURVEYED	DATE
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	FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	GRADES CHECKED	BY
	STRUCTURE	
	NOTATRS CHFD	

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<b>PARSONS BRINCKERHOFF</b>	USER NAME = Kucharski	DESIGNED - RD	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EROSION CONTROL GENERAL NOTES</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 1"=50'	CHECKED - SV	REVISED -			FAI 90/94	2014-016R&B	COOK	378	84	
	PLOT DATE = 4/28/2017	DATE - 05/02/2017	REVISED -		SCALE:	SHEET NO. 1 OF 1 SHEETS		STA.	TO STA.		
						ILLINOIS FED. AID PROJECT					



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	STRUCTURE NOTATIONS CHECKED		
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	STRUCTURE NOTATIONS CHECKED		
NOTE BOOK NO.	FILE NAME		

FILE NAME = T:\168988\Civil\68095 Monroe Street\Plotting\Print Export\168095-sh-EROS-Schedule.dgn

TEMPORARY EROSION CONTROL						
STAGES	MULCH, METHOD 2	TEMPORARY EROSION CONTROL SEEDING	PERIMETER EROSION BARRIER	INLET FILTERS	STABILIZED CONSTRUCTION ENTRANCE	TREE TRUNK PROTECTION
	ACRE	POUND	FOOT	EACH	SO YD	EACH
1	0.25	25	970	18	-	10
2 AND 3	0.75	75	-	20	3,367	0
TOTAL	1.00	100	970	38	3,367	10

INLET FILTER SCHEDULE				
STAGE 1				
STATION	OFFSET	ALIGNMENT	QUANTITY	
31+26.06	77.48	LT	EX SB I-90/94	1
31+42.28	74.99	LT	EX SB I-90/94	1
31+46.34	30.99	LT	EX SB I-90/94	1
31+50.06	99.72	LT	EX SB I-90/94	1
32+58.19	38.64	LT	EX SB I-90/94	1
32+85.48	62.83	RT	EX SB I-90/94	1
32+88.63	42.16	RT	EX SB I-90/94	1
32+99.14	64.59	LT	EX SB I-90/94	1
33+90.93	53.43	LT	EX SB I-90/93	1
34+88.56	61.60	LT	EX SB I-90/94	1
34+91.95	43.29	LT	EX SB I-90/94	1
34+99.87	42.66	LT	EX SB I-90/94	1
8409+69.97	21.00	LT	MONROE ST	1
8409+94.63	20.88	RT	MONROE ST	1
8411+57.36	20.63	LT	MONROE ST	1
8411+64.68	74.54	LT	MONROE ST	1
8411+99.58	21.00	RT	MONROE ST	1
8412+08.21	21.00	LT	MONROE ST	1
			TOTAL	18

INLET FILTER SCHEDULE				
STAGES 2 AND 3				
STATION	OFFSET	ALIGNMENT	QUANTITY	
29+01.01	35.20	LT	EX NB I-90/94	1
29+00.00	27.25	RT	EX NB I-90/94	1
31+00.45	49.68	RT	EX NB I-90/94	1
31+20.49	62.36	RT	EX NB I-90/94	1
31+67.39	58.17	LT	EX NB I-90/94	1
31+68.29	36.41	RT	EX NB I-90/94	1
31+73.56	38.05	LT	EX NB I-90/94	1
32+22.32	66.10	RT	EX NB I-90/94	1
32+31.08	67.38	RT	EX NB I-90/94	1
32+56.59	111.59	RT	EX NB I-90/94	1
32+86.57	81.35	RT	EX NB I-90/94	1
33+89.09	38.10	RT	EX NB I-90/94	1
33+89.63	28.40	RT	EX NB I-90/94	1
8415+53.98	20.67	LT	MONROE ST	1
8415+51.11	22.00	RT	MONROE ST	1
8416+16.68	20.43	LT	MONROE ST	1
8417+35.00	17.67	RT	MONROE ST	1
8417+35.40	21.00	RT	MONROE ST	1
8417+36.38	21.26	LT	MONROE ST	1
8417+61.34	19.60	LT	MONROE ST	1
			TOTAL	20

PERMANENT EROSION CONTROL				
	POTASSIUM FERTILIZER NUTRIENT	NITROGEN FERTILIZER NUTRIENT	SEEDING, CLASS 2A	EROSION CONTROL BLANKET
	POUND	POUND	ACRE	SO YD
TOTAL	90	90	1	4,840

**PARSONS BRINCKERHOFF**

USER NAME = Dughman	DESIGNED - MMA	REVISED -
	DRAWN - MMA	REVISED -
PLOT SCALE = 1"=50'	CHECKED - RT	REVISED -
PLOT DATE = 7/12/2017	DATE - 07/14/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL SCHEDULES

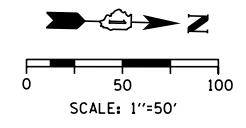
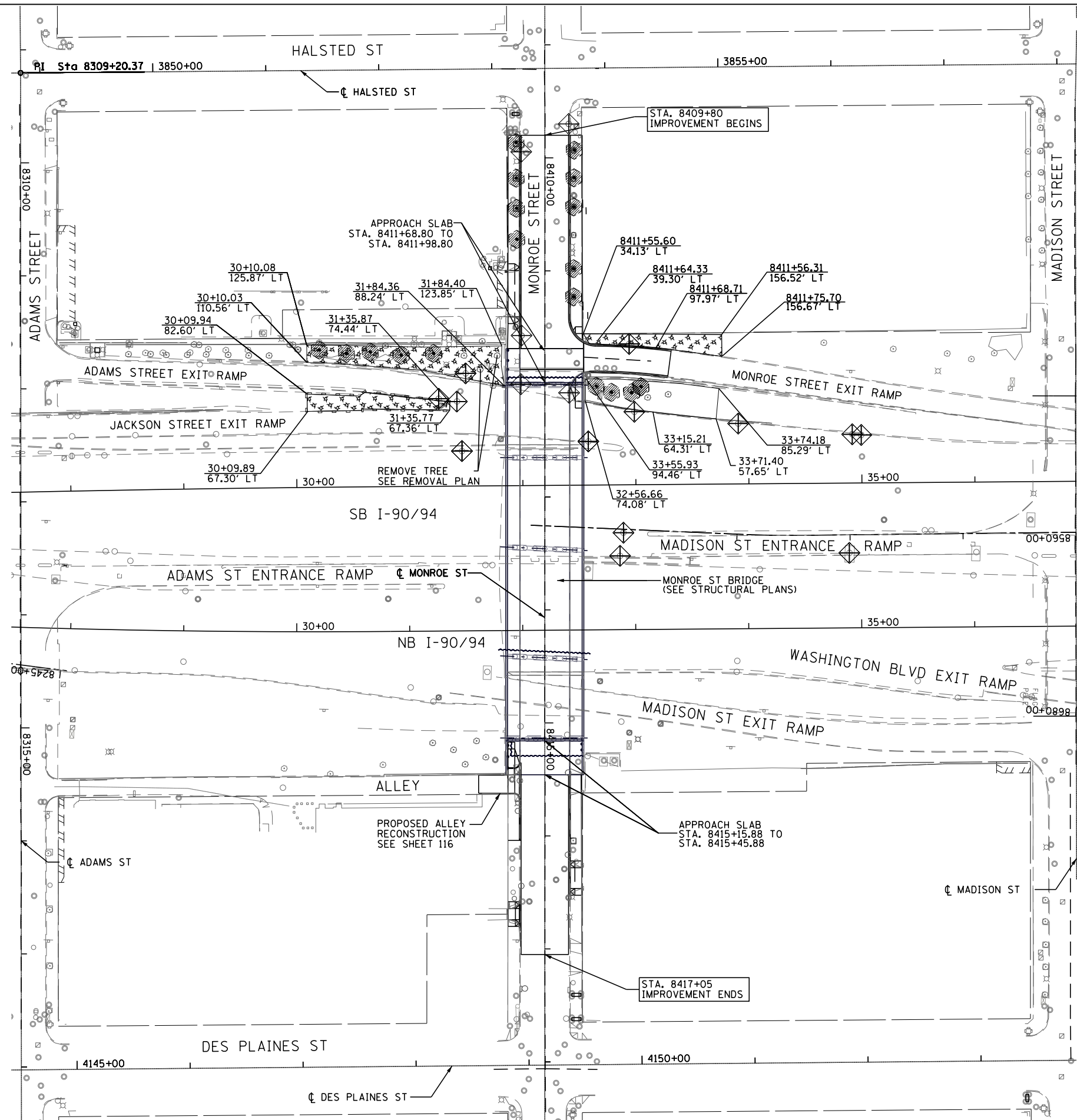
SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 90/94	2014-016R&B	COOK	378	85
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
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PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
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	STRUCTURE	
	NOTATIONS	
	CHKD	
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- LEGEND**
- INLET FILTERS
  - MULCH, METHOD 2  
TEMPORARY EROSION CONTROL, SEEDING,  
SURFACE ROUGHENING
  - PERIMETER EROSION BARRIER
  - TREE PROTECTION

**PARSONS  
BRINCKERHOFF**

USER NAME = Kucharski	DESIGNED - RD	REVISED -
	DRAWN - RD	REVISED -
PLOT SCALE = 1"=50'	CHECKED - SV	REVISED -
PLOT DATE = 4/18/2017	DATE - 05/02/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

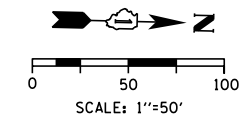
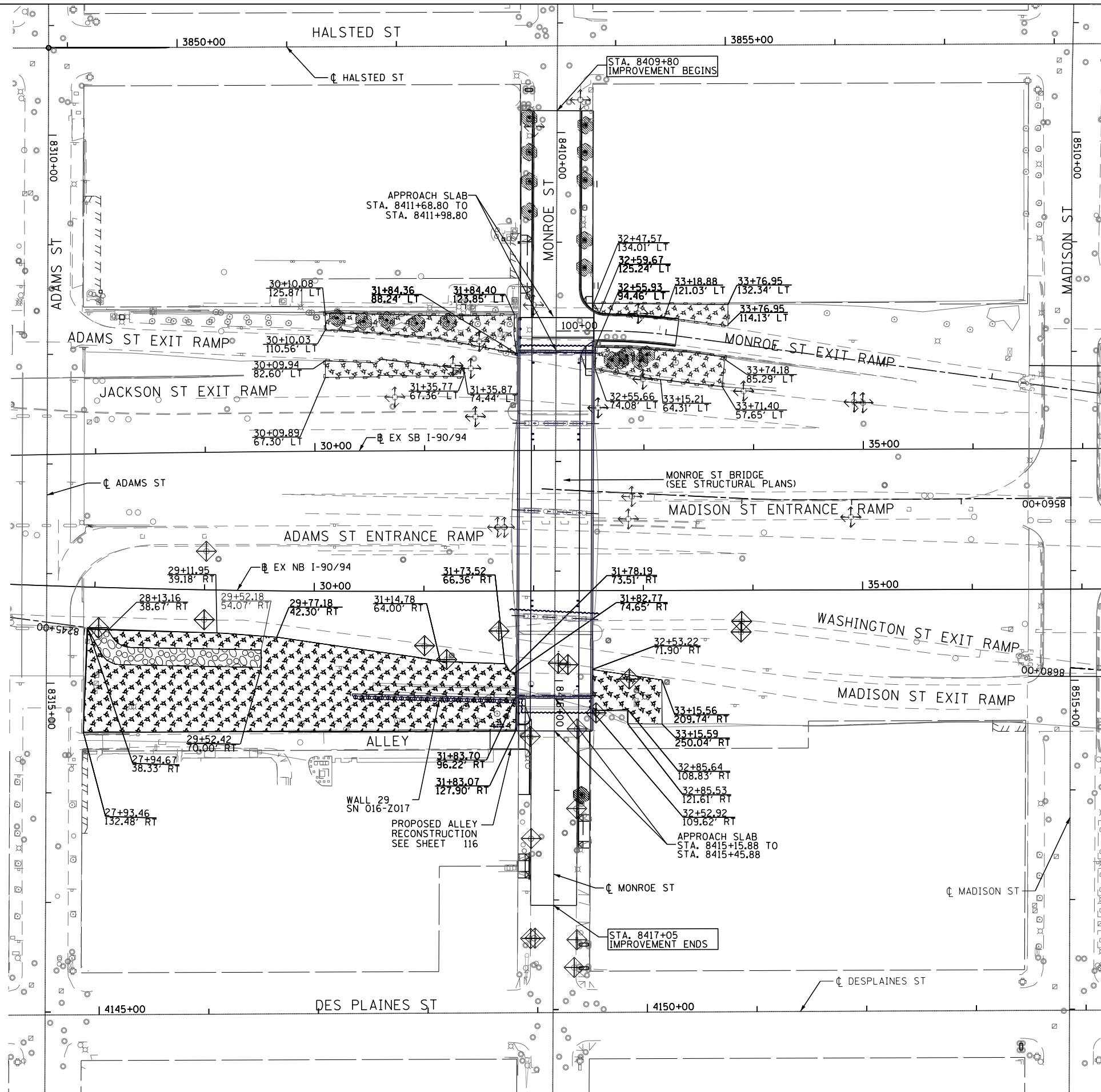
<b>TEMPORARY EROSION AND SEDIMENTATION CONTROL PLANS</b>	
<b>STAGE 1</b>	
SCALE: 1"=50'	SHEET NO. 1 OF 3 SHEETS
STA.	TO STA.

F.A.I. RTE. 90/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 86
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NO.	

FILE NAME = T:\168988\Civil\68988\Monroe Street\Plotting\Print Export\168988-11-ER05-02.dwg



- LEGEND**
- INLET FILTERS
  - MULCH, METHOD 2
  - TEMPORARY EROSION CONTROL, SEEDING, SURFACE ROUGHENING
  - PERIMETER EROSION BARRIER FROM STAGE 1
  - STABILIZED CONSTRUCTION ENTRANCE/EXIT
  - TREE PROTECTION
  - INLET FILTERS FROM STAGE 1
  - MULCH, METHOD 2 TEMPORARY EROSION CONTROL, SEEDING, SURFACE ROUGHENING FROM STAGE 1

**PARSONS BRINCKERHOFF**

USER NAME = Kucharski	DESIGNED - RD	REVISED -
	DRAWN - RD	REVISED -
PLOT SCALE = 1"=50'	CHECKED - SV	REVISED -
PLOT DATE = 4/18/2017	DATE - 05/02/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

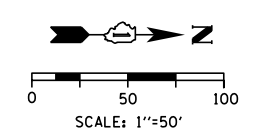
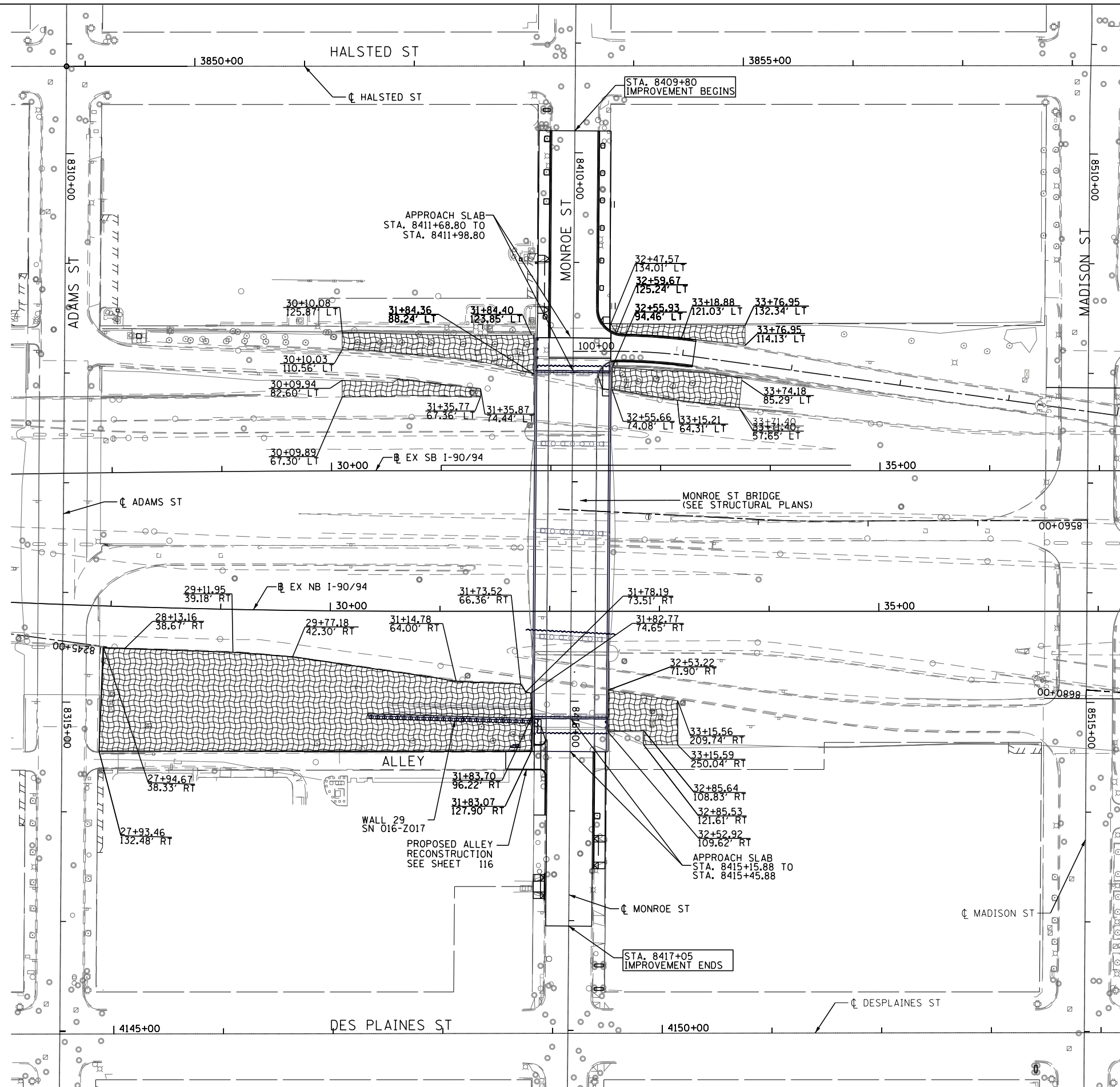
TEMPORARY EROSION AND SEDIMENTATION CONTROL PLANS	
STAGES 2 AND 3	
SCALE: 1"=50'	SHEET NO. 2 OF 3 SHEETS
STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 90/94	2014-016R&B	COOK	378	87
CONTRACT NO. 60X95				
ILLINOIS FED. AID PROJECT				

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

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
NOTE BOOK NO.		

FILE NAME = T:\168988\Civil\68988\Monroe Streets\Plotting\Print Export\168988-sh-ER05-03.dgn



- LEGEND**
- EROSION CONTROL BLANKET
  - SEEDING, CLASS 2A
  - NITROGEN FERTILIZER NUTRIENT
  - POTASSIUM FERTILIZER NUTRIENT

**PARSONS BRINCKERHOFF**

USER NAME = Kucharski	DESIGNED - RD	REVISED -
	DRAWN - RD	REVISED -
PLOT SCALE = 1"=50'	CHECKED - SV	REVISED -
PLOT DATE = 4/18/2017	DATE - 05/02/2017	REVISED -

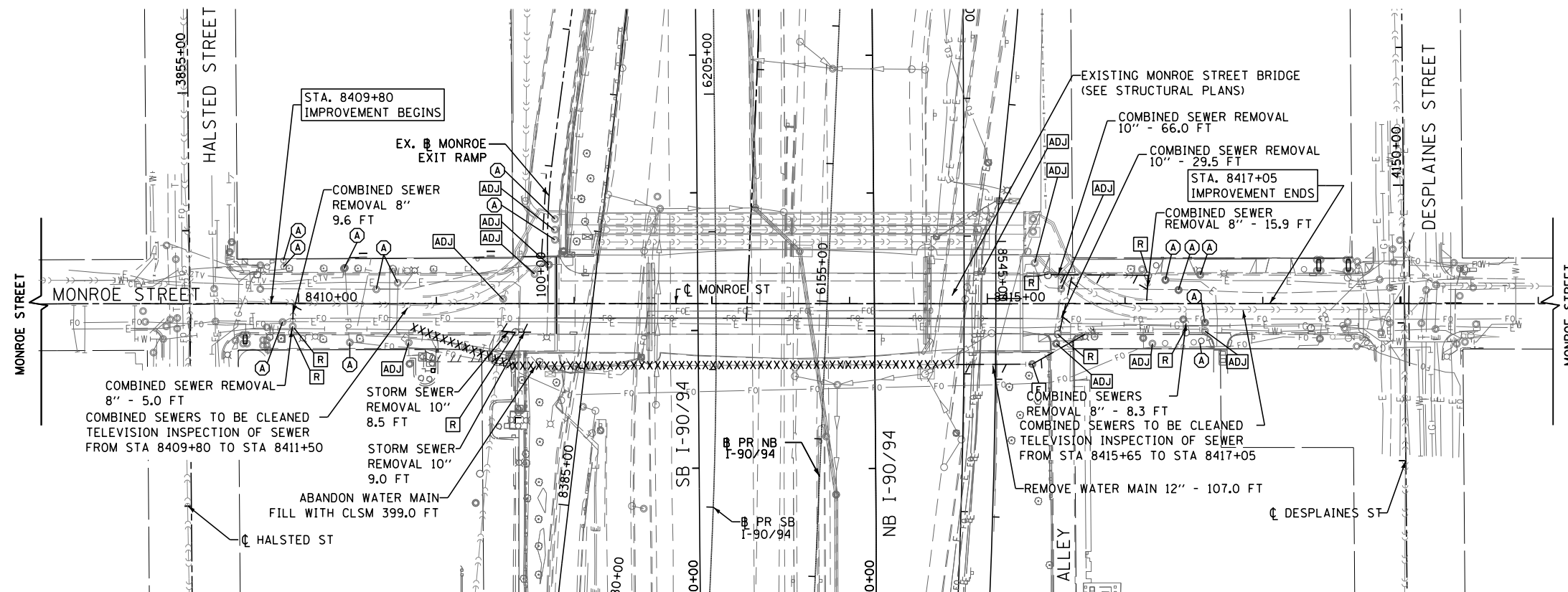
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PERMANENT EROSION AND SEDIMENTATION CONTROL PLANS  
SCALE: 1"=50' SHEET NO. 3 OF 3 SHEETS STA. TO STA.

F.A.I. RTE. FAI 90/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 88
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	



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

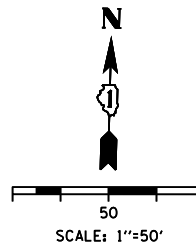


**EXISTING**

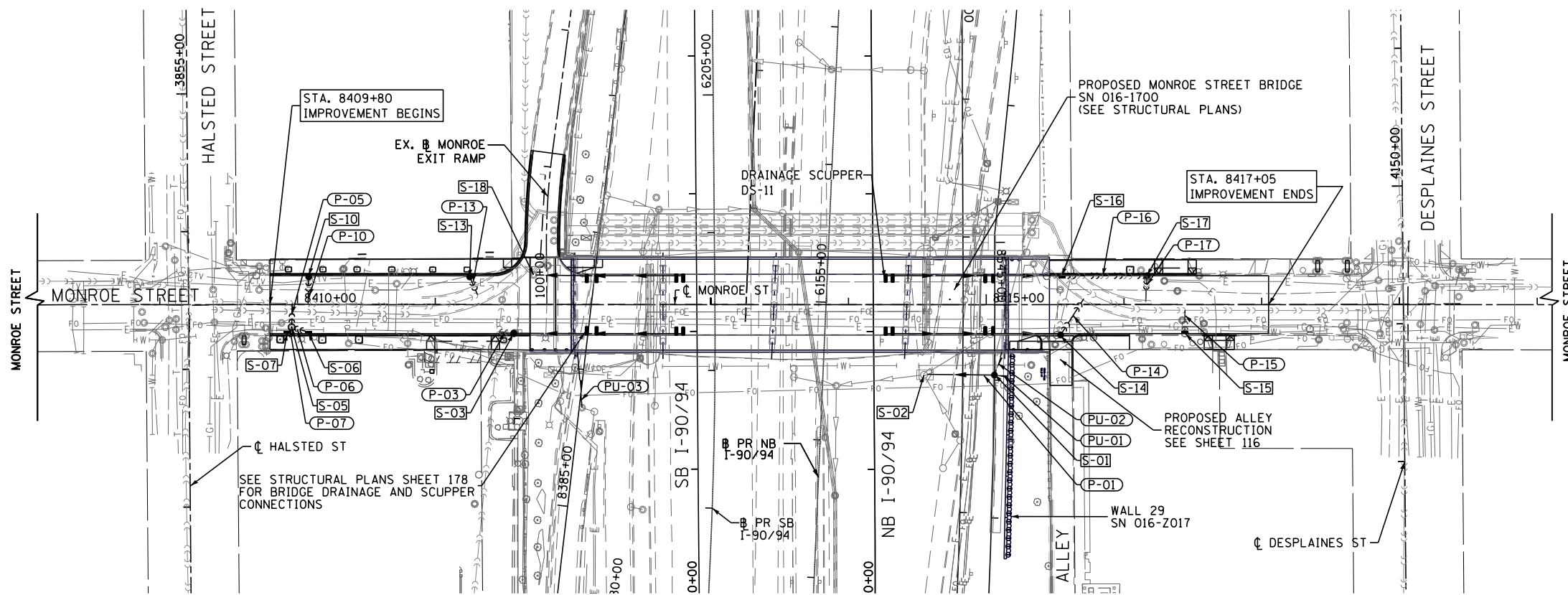
- [R] STRUCTURE TO BE REMOVED
- [ADJ] STRUCTURE TO BE ADJUSTED
- [A] FRAME AND LID TO BE ADJUSTED
- [F] STRUCTURE TO BE FILLED
- EXISTING DRAINAGE AND UTILITY MANHOLE
- EXISTING CATCH BASIN
- - - EXISTING COMBINED STORM SEWER
- - - EXISTING WATER MAIN
- - - EXISTING ELECTRIC LINE
- - - EXISTING GAS LINE
- - - EXISTING FIBER OPTIC LINE
- - - SIGNALS EXISTING UNDERGROUND CABLE
- - - REMOVE EXISTING PIPE
- XXXXX ABANDON EXISTING WATER MAIN, FILL WITH CLSM

**NOTE**

SEE LIGHTING PLANS FOR ELECTRIC MANHOLE REMOVALS.

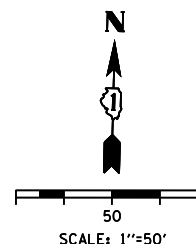


DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	GRADES CHECKED
	STRUCTURE NOTATIONS OK'D
NOTE BOOK NO.	
FILE NAME	



**PROPOSED**

- PROPOSED MANHOLE
- PROPOSED CATCH BASIN
- - - PROPOSED INLET
- - - PROPOSED COMBINED SEWER
- - - PROPOSED STORM SEWER
- - - PROPOSED PIPE UNDERDRAIN
- - - PROPOSED SCUPPER DS-11
- [S-07] PROPOSED STRUCTURE NUMBER
- [P-07] PROPOSED PIPE NUMBER



FILE NAME = T:\168988\Civil\68988\_Monroe\_Street\Plotting\Print\_Export\168988-shr-Drain-01.dgn

**PARSONS BRINCKERHOFF**

USER NAME = Dughman	DESIGNED - MMA	REVISED -
	DRAWN - MMA	REVISED -
PLOT SCALE = 1"=50'	CHECKED - RT	REVISED -
PLOT DATE = 7/12/2017	DATE - 07/14/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

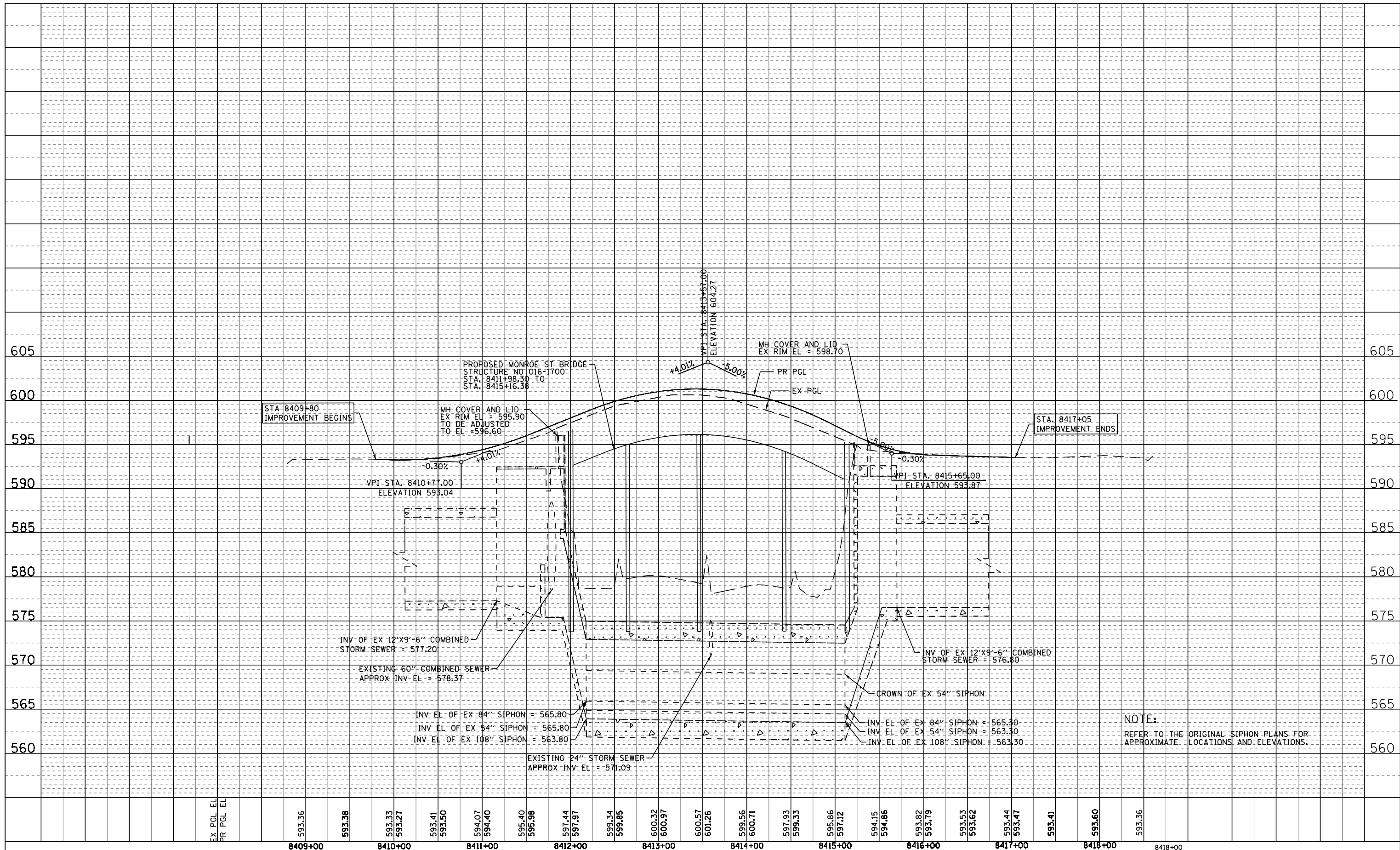
DRAINAGE AND UTILITY PLAN  
MONROE STREET

SCALE: 1"=50' SHEET NO. 1 OF 3 SHEETS STA. 8409+20 TO STA. 8418+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 90/94	2014-016R&B	COOK	378	89
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
	PLOTTED	
	NOTE BOOK	
	NO.	
	ALIGNED	
	CHECKED	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	NOTE BOOK	
	NO.	
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	



NOTE:  
REFER TO THE ORIGINAL SIPHON PLANS FOR APPROXIMATE LOCATIONS AND ELEVATIONS.

FILE NAME = #FILE#

**PARSONS BRINCKERHOFF**

USER NAME = Kucherski	DESIGNED - MMA	REVISED -
PLOT SCALE = 1"=50'	DRAWN - MMA	REVISED -
PLOT DATE = 5/15/2017	CHECKED - RT	REVISED -
	DATE - 05/02/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY PROFILE	
MONROE STREET	
SCALE: 1"=50'	SHEET NO. 1 OF 3 SHEETS
STA. 8409+20 TO STA. 8418+00	

F.A.I. RTE. 90/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 90
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X95	

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

DATE	
BY	
PROFILE	
NO.	
DATE	
BY	

EXISTING DRAINAGE STRUCTURE SCHEDULE

STATION	OFFSET	FRAMES AND LIDS TO BE ADJUSTED	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	MANHOLES TO BE ADJUSTED	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID (CITY OF CHICAGO)	REMOVING MANHOLES	REMOVING CATCH BASINS	FILLING EXISTING VAULT	DRAINAGE STRUCTURES TO BE CLEANED	COMMENTS
		EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	
MONROE STREET										
8409+94.7	20.88RT						1			
8409+95.7	16.37RT					1				
8410+37.2	28.08RT	1							1	EX RIM EL = 593.32 PR RIM EL = 593.53
8410+80.0	28.17RT		1						1	EX RIM EL = 593.76 PR RIM EL = 594.11
8411+57.36	20.63RT						1			
8415+50.0	28.91RT		1						1	EX RIM EL = 593.86 PR RIM EL = 594.55
8415+51.11	22.08RT					1				
8416+19.9	28.91RT		1						1	EX RIM EL = 593.50 PR RIM EL = 593.28
8416+55.4	26.99RT		1						1	EX RIM EL = 593.41 PR RIM EL = 592.39
8416+58.1	13.74RT	1							1	EX RIM EL = 593.18 PR RIM EL = 593.10
8409+89.0	31.49LT	1							1	EX RIM EL = 593.44 PR RIM EL = 593.51
8409+89.1	26.94LT	1							1	EX RIM EL = 593.22 PR RIM EL = 593.43
8410+32.9	25.52LT	1							1	EX RIM EL = 593.29 PR RIM EL = 593.47
8410+56.4	10.44LT	1							1	EX RIM EL = 593.25 PR RIM EL = 593.37
8410+72.0	15.22LT	1							1	EX RIM EL = 593.33 PR RIM EL = 593.47
8410+78.9	23.71LT		1						1	EX RIM EL = 593.56 PR RIM EL = 593.95
8411+48.5	3.58LT			1					1	EX RIM EL = 595.17 PR RIM EL = 595.85
8411+57.4	20.78LT						1			
8411+71.3	21.56LT				1				1	EX RIM EL = 595.77 PR RIM EL = 596.68
8414+96.3	23.85LT		1						1	EX RIM EL = 596.44 PR RIM EL = 597.70
8415+34.4	29.61LT		1						1	EX RIM EL = 594.80 PR RIM EL = 597.38
8415+44.0	20.67 LT						1			
8416+16.7	20.43 LT						1			
8415+53.7	10.89LT		1						1	EX RIM EL = 593.79 PR RIM EL = 594.40
8416+29.3	17.28LT	1							1	EX RIM EL = 593.19 PR RIM EL = 593.03
MONROE EXIT RAMP										
100+46.4	5.43RT	1							1	EX RIM EL = 595.90 PR RIM EL = 596.17
100+53.9	5.31RT			1					1	EX RIM EL = 595.61 PR RIM EL = 596.11
100+61.6	5.22RT	1							1	EX RIM EL = 595.38 PR RIM EL = 595.67
EX MADISON STREET EXIT RAMP (BASELINE: NB CD ROAD)										
6347+07.5	49.67RT							1		EX RIM EL = 594.22 PR RIM EL = 591.00
	TOTAL	10	8	2	1	2	5	1	21	

EXISTING DRAINAGE PIPE SCHEDULE

FROM •	TO•	COMBINED SEWER REMOVAL		STORM SEWER REMOVAL	TRENCH BACKFILL	TELEVISION INSPECTION OF SEWER	COMBINED SEWERS TO BE CLEANED
		FOOT	FOOT	FOOT	CU YD	FOOT	FOOT
SATION	OFFSET	SATION	OFFSET	8"	10"	10"	FOOT
MONROE STREET							
8409+80.0	0.00RT	8411+50.0	2.00RT				340.0
8415+65.0	0.00RT	8417+05.0	0.00RT				280.0
8409+94.6	20.88RT	8409+95.7	16.37RT	5		0.7	
840995.72	16.37RT	8409+95.7	5.065RT	9.6		1.3	
8411+46.4	19.60RT	8411+54.9	20.50RT		8.5	1.2	
8411+59.9	20.57RT	8411+68.8	20.57RT		9.0	1.2	
8415+52.5	20.00RT	8415+69.3	5.30LT		29.5	4.0	
8416+44.3	20.83RT	8416+44.3	10.00RT	8.3		1.1	
8415+46.5	20.75LT	8416+14.5	20.66LT		66	9.0	
8416+16.4	17.90LT	8416+15.7	2.00LT	15.9		2.2	
	TOTAL			39	96	18	620
					21		310

• STATIONS AND OFFSETS ARE APPROXIMATED AND MUST BE FIELD VERIFIED  
1-PIPE SIZE AND MATERIAL ARE ASSUMED. EXISTING INFORMATION NOT AVAILABLE

EXISTING WATER MAIN SCHEDULE

FROM •	TO•	ALIGNMENT	WATER MAIN REMOVAL, 12'	ABANDON EXISTING WATER MAIN, FILL WITH CLSM	
			FOOT	FOOT	
32+02.3	205.7 LT	31+75.0	132.9 LT	EX SB I-90/94	78.5
31+75.0	132.9 LT	31+74.6	0.0 LT	EX SB I-90/94	132.9
31+74.6	0.0 LT	31+75.2	128.2 RT	EX SB I-90/94	128.2
31+75.2	0.0 RT	31+75.0	58.8 RT	EX NB I-90/94	58.8
31+75.0	58.8 RT	31+99.7	159.1 RT	EX NB I-90/94	106.7
	TOTAL				399.0

• STATIONS AND OFFSETS ARE APPROXIMATE AND MUST BE FIELD VERIFIED

FILE NAME = T:\168988\Civil\68988\_Monroe\_Street\_Plotting\_VPrint.Export\0168988-shr-DRAIN-Schedule-01.dgn



USER NAME = Dughman	DESIGNED - MMA	REVISED -
PLOT SCALE = 1"=50'	CHECKED - RT	REVISED -
PLOT DATE = 7/12/2017	DATE - 07/14/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING DRAINAGE SCHEDULES

SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 90/94	2014-016R&B	COOK	378	91
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	



PLAN	SUBMITTED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS OK'D		
	FILE NAME		

PROFILE	SUBMITTED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS OK'D		
	FILE NAME		

FILE NAME = T:\168988\Civil\68988\Monroe Streets\Plotting\Print Export\0168988-shr-DRAIN-Schedule-02.dgn

PROPOSED DRAINAGE STRUCTURE SCHEDULE

STRUCTURE <sup>1</sup>	LOCATION <sup>2</sup>	OFFSET	RIM (ELEV) <sup>3</sup>	N INVERT (ELEV)	W INVERT (ELEV)	E INVERT (ELEV)	S INVERT (ELEV)	NE INVERT (ELEV)	NW INVERT (ELEV)	SE INVERT (ELEV)	SW INVERT (ELEV)	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID (CITY OF CHICAGO)	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID (CITY OF CHICAGO)	MANHOLES, TYPE B, 4'-DIA, TYPE 1 FRAME, CLOSED LID (CITY OF CHICAGO)	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	CONNECTION TO EXISTING DRAINAGE STRUCTURE	STRUCTURE TYPE <sup>4</sup>
												EACH	EACH	EACH	EACH	EACH	
MONROE STREET																	
S-03	8411+56.00	22.7 RT	596.26		590.00	592.49*						1					CONICAL
S-05	8409+95.72	16.4 RT	592.96	588.09						589.19	589.19			1			FLAT SLAB
S-06	8410+08.13	22 RT	592.83						589.58				1				FLAT SLAB
S-07	8409+85.00	21 RT	592.88					589.63					1				FLAT SLAB
S-10	8410+08.13	22 LT	592.83				588.80					1					FLAT SLAB
S-13	8411+25.00	21 LT	593.34							590.00							FLAT SLAB
S-14	8415+54.00	22 RT	594.30		589.72*				587.58				1				CONICAL
S-15	8416+44.25	21 RT	592.75	589.00									1				FLAT SLAB
S-16	8415+55.00	21 LT	593.98		591.00*	590.73							1				FLAT SLAB
S-17	8416+16.62	21 LT	593.42		588.98		586.83					1					CONICAL
S-18	8411+73.00	21.5 LT	596.68			592.00*										1	EXISTING
EX MADISON STREET EXIT RAMP (BASELINE: NB CD ROAD)																	
S-01	6347+00.00	23 RT	575.68		572.31										1		FLAT SLAB
S-02	6347+00.00	28.1 LT				572.08		572.08-EX		572.18-EX						1	EXISTING
TOTAL												5	4	1	1	2	

PROPOSED DRAINAGE STRUCTURE SCHEDULE NOTES:

- STORM SEWER FROM BRIDGE DRAIN
- 1- STRUCTURES MUST BE ROTATED TO AVOID CONFLICT WITH EXISTING UTILITIES
- 2- STATIONS AND OFFSETS ARE GIVEN AT THE CENTER OF THE STRUCTURE
- 3- RIM ELEVATIONS ARE GIVEN AT THE FLOW LINE EXCEPT FOR STRUCTURES S-05 AND S-18; RIM ELEVATION GIVEN AT THE CENTER OF THE LID
- 4- FOR FLAT SLAB STRUCTURES USE IDOT STANDARD 602601

PROPOSED DRAINAGE PIPE SCHEDULE

PIPE	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION	STORM SEWERS, CLASS A, TYPE 2		COMBINED SEWERS (EXTRA STRENGTH VIRTIFIED CLAY)	COMBINED SEWERS (WATER MAIN REQUIREMENTS)	STORM SEWERS, TYPE 2, DUCTILE IRON PIPE	STORM SEWERS, TYPE 2, DUCTILE IRON PIPE	TRENCH BACKFILL
					12"	8"					
					FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	CU YD
MONROE STREET											
P-03	S-03	CONNECTION TO EXISTING SEWER	590.00	578.38*			8				11.0
P-05	S-05	CONNECTION TO EXISTING SEWER	588.09	585.50*				10			2.9
P-06	S-06	S-05	588.91	589.19			8				1.5
P-07	S-07	S-05	589.10	589.19			5				1.0
P-10	S-10	CONNECTION TO EXISTING SEWER	588.80	585.50*			14				3.4
P-13	S-13	CONNECTION TO EXISTING SEWER	590.00	585.50*			14				3.1
P-14	S-14	CONNECTION TO EXISTING SEWER	587.58	585.44*					29		23.8
P-15	S-15	CONNECTION TO EXISTING SEWER	589.00	585.50*			10				2.3
P-16	S-16	S-17	590.14	588.98				58			13.1
P-17	S-17	CONNECTION TO EXISTING SEWER	586.83	585.30*			17				12.8
EX MADISON STREET EXIT RAMP (BASELINE: NB CD ROAD)											
P-01	S-01	EXISTING DRAINAGE STRUCTURE (S-02)	571.53	571.43	47				58		27.7
TOTAL					47	53	33		29		103

• PIPE DOWNSTREAM END CONNECTS TO THE EXISTING 12X9.5 EXISTING COMBINED STORM SEWER. INVERT ELEVATIONS MUST BE FIELD VERIFIED PRIOR TO CONSTRUCTION.  
PIPES THAT CONNECT TO THE EXISTING 12X9.5 STORM SEWER SHOULD BE CONSTRUCTED WITH AT A 2% MINIMUM GRADE TO MEET CAPACITY AND FULL VELOCITY REQUIREMENT

PROPOSED PIPE UNDERDRAINS SCHEDULE

PIPE UNDERDRAIN	UPSTREAM		DOWNSTREAM		PIPE UNDERDRAINS 4" (SPECIAL)	
	STATION	OFFSET	STRUCTURE	STATION		OFFSET
MONROE ST						
PU-03	8412+03.3	34.5 RT	EX MH	31+45.24	84.0 LT	40
EX MADISON STREET EXIT RAMP (BASELINE: NB CD ROAD)						
PU-01	6347+00.00	32.8 RT	S-01	6347+00.00	23.0 RT	10
PU-02	6347+17.75	27.8 RT	S-01	6347+00.00	23.0 RT	18
TOTAL						68



USER NAME = Dughan	DESIGNED - MMA	REVISED -
	DRAWN - MMA	REVISED -
PLOT SCALE = 1"=50'	CHECKED - RT	REVISED -
PLOT DATE = 6/29/2017	DATE - 06/30/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

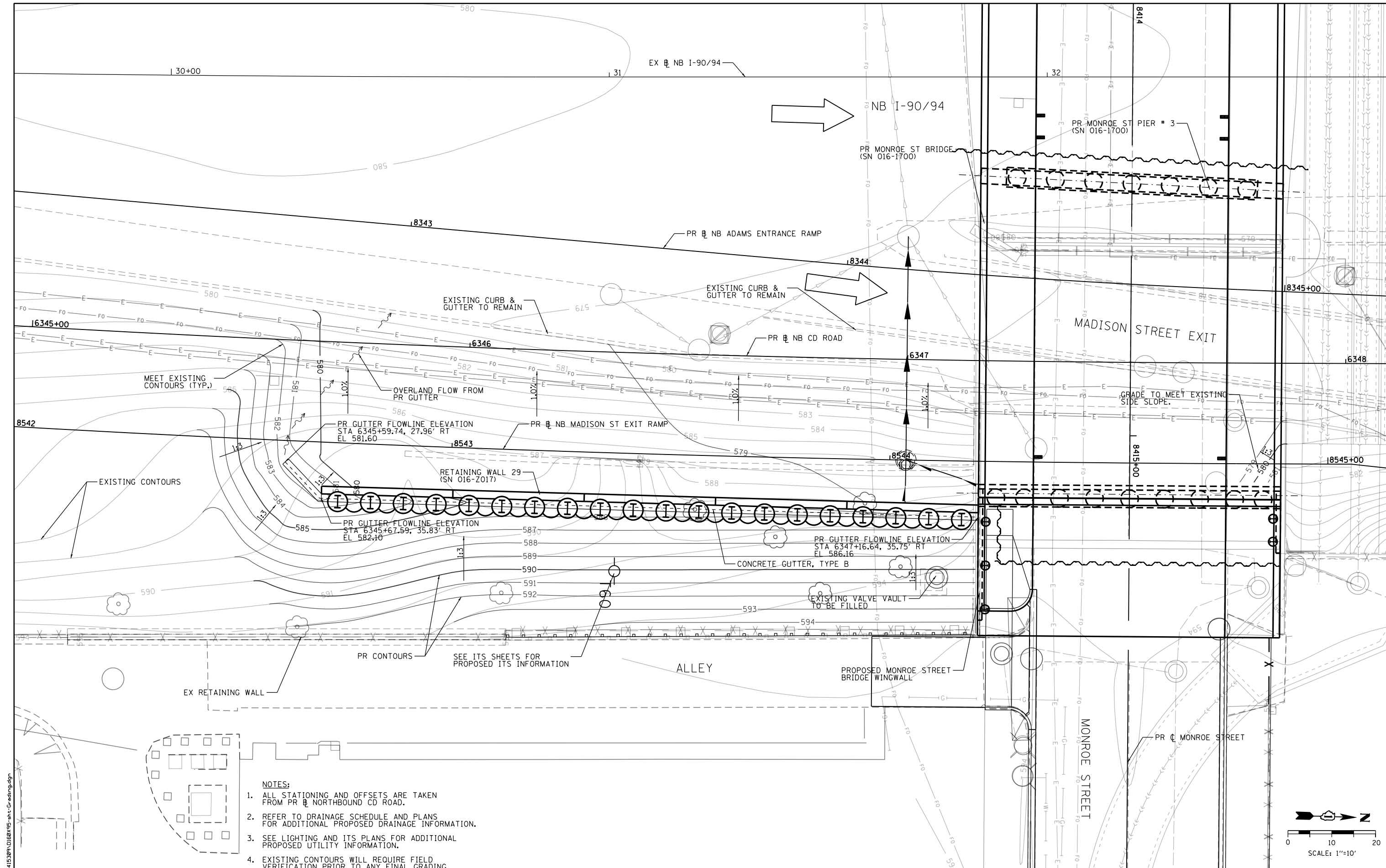
PROPOSED DRAINAGE SCHEDULES

SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

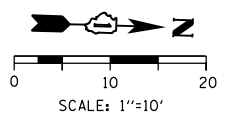
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 90/94	2014-016R&B	COOK	378	92
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	

DATE	
BY	
PLAN	SUBMITTED
NOTE BOOK	ALIGNED
NO.	CHECKED
	FILE NAME

DATE	
BY	
PROFILE	SUBMITTED
NOTE BOOK	GRADES CHECKED
NO.	STRUCTURE NOTATIONS CHKD



- NOTES:**
1. ALL STATIONING AND OFFSETS ARE TAKEN FROM PR NB NORTHBOUND CD ROAD.
  2. REFER TO DRAINAGE SCHEDULE AND PLANS FOR ADDITIONAL PROPOSED DRAINAGE INFORMATION.
  3. SEE LIGHTING AND ITS PLANS FOR ADDITIONAL PROPOSED UTILITY INFORMATION.
  4. EXISTING CONTOURS WILL REQUIRE FIELD VERIFICATION PRIOR TO ANY FINAL GRADING.



USER NAME =	hallsd	DESIGNED -	SDH	REVISED -	
		DRAWN -	SDH	REVISED -	
PLOT SCALE =	#PSCALE#	CHECKED -	OS	REVISED -	
PLOT DATE =	#PDATE#	DATE -	4/27/2017	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PROPOSED GRADING DETAILS PROPOSED RETAINING WALL 016-2017</b>			
SCALE: 1" = 10'	SHEET NO. 1	OF 1	SHEETS
STA.			TO STA.

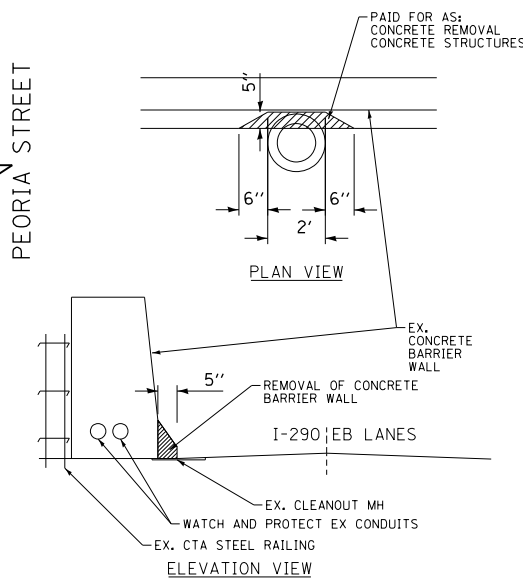
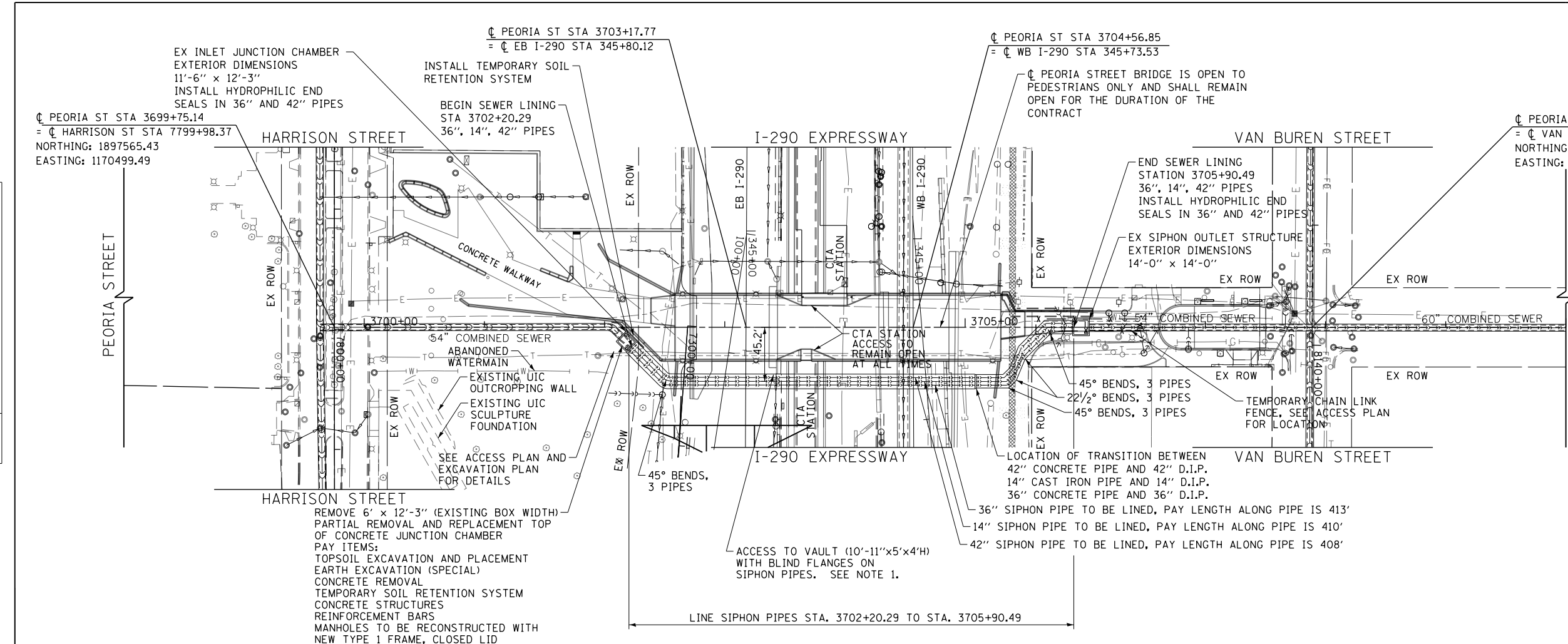
F.A.I. RTE. 90/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 93
CONTRACT NO. 60X95				
ILLINOIS FED. AID PROJECT				

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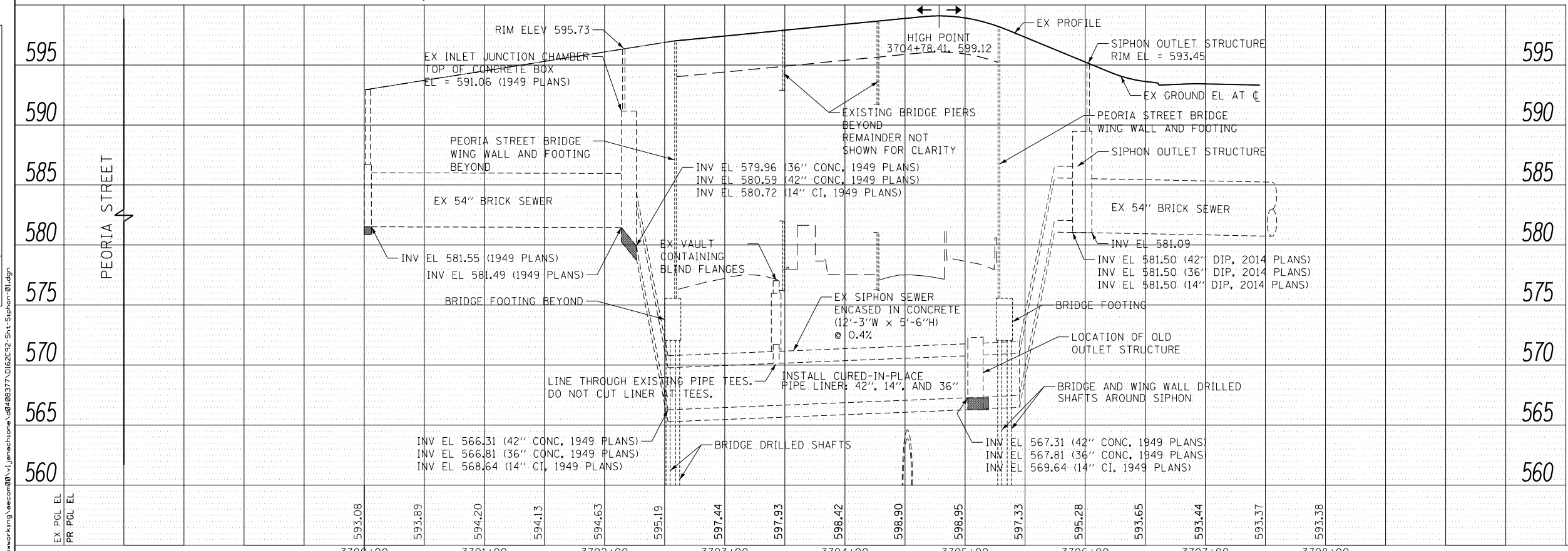


PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NO. 1	

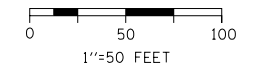
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	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
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CONCRETE BARRIER WALL REMOVE & REPLACE DETAIL

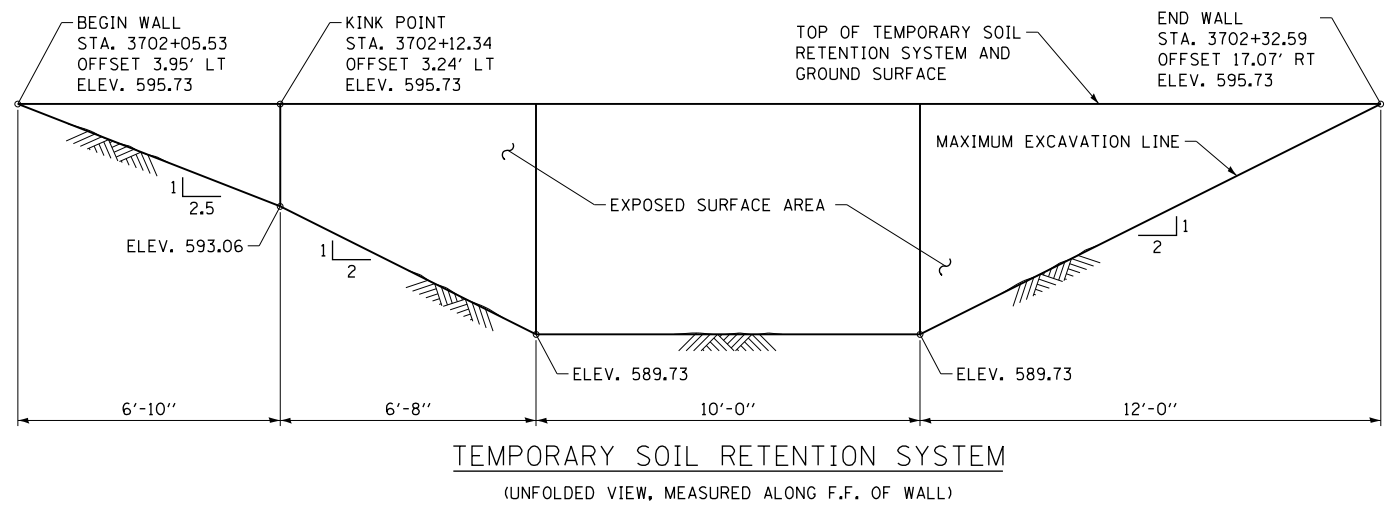
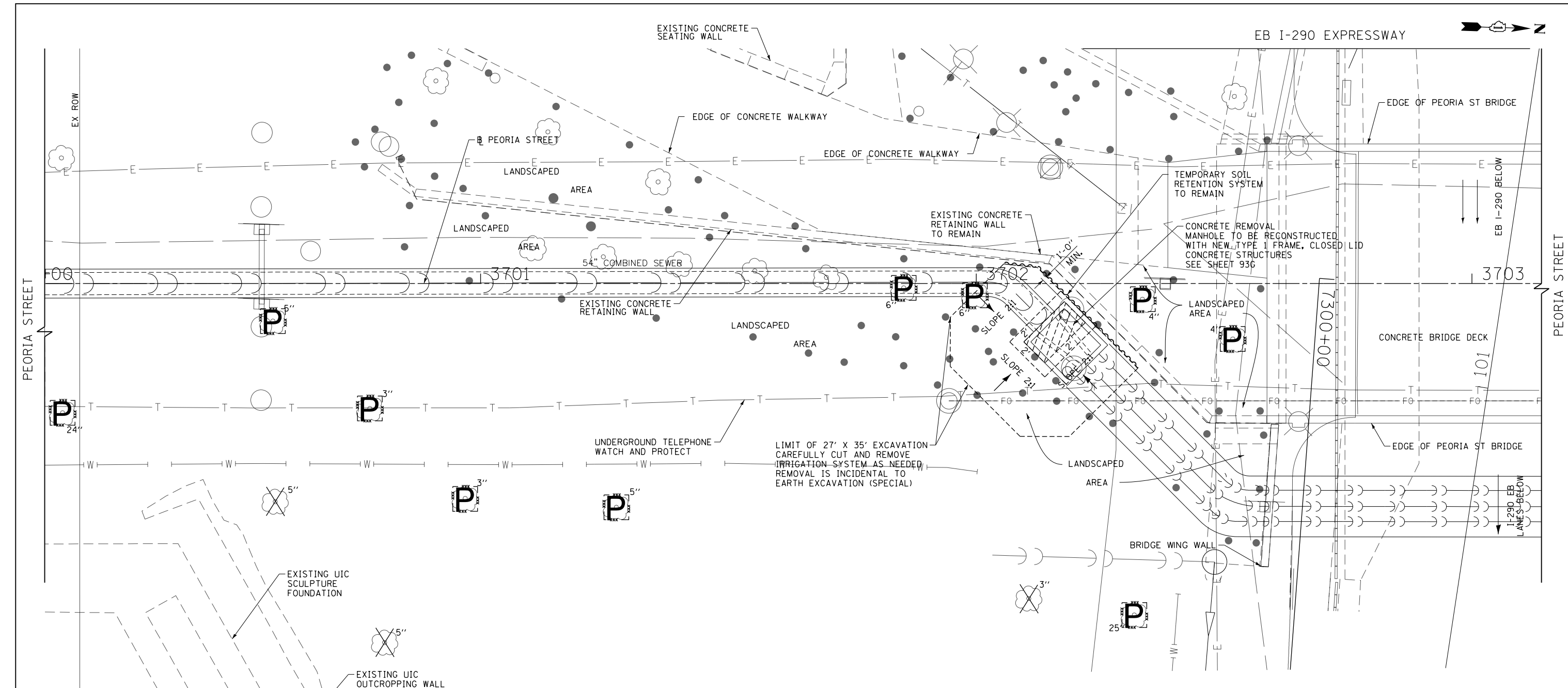


**NOTE:**  
 1. A PORTION OF THE CONCRETE BARRIER WALL WILL NEED TO BE REMOVED IN ORDER TO REMOVE THE BLIND FLANGE AND ALLOW ACCESS TO THE SIPHON PIPES. SEE ABOVE DETAIL AND SPECIAL PROVISIONS FOR ADDITIONAL REQUIREMENTS.



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

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	NOTE BOOK	
	NO.	
	FILE NAME	



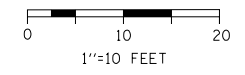
**NOTES:**

- CONTRACTOR SHALL INSTALL TEMPORARY CHAIN LINK FENCE AROUND EXCAVATION. ENCLOSE EXCAVATION WITH FENCE AT ALL TIMES WHEN CONTRACTOR IS NOT WORKING AT SITE.
- IMPACT DRIVING OF PILES AND SHEET PILES IS NOT ALLOWED.
- A CANTILEVERED SHEET PILING DESIGN DOES NOT APPEAR FEASIBLE AND ADDITIONAL MEMBERS OR OTHER RETENTION SYSTEMS MAY BE NECESSARY. THE CONTRACTOR SHALL SUBMIT A SOIL RETENTION SYSTEM DESIGN INCLUDING PLAN DETAILS AND CALCULATIONS FOR REVIEW AND ACCEPTANCE BY THE ENGINEER.
- THE MAXIMUM ALLOWABLE EXCAVATION SLOPE IS 1:2 (V:H).
- THE EXISTING SIPHON LOCATION SHALL BE VERIFIED IN THE FIELD AND APPROVED BY THE ENGINEER PRIOR TO TEMPORARY SOIL RETENTION SYSTEM CONSTRUCTION.
- CONTRACTOR SHALL TAKE PRECAUTION TO INSTALL TEMPORARY SOIL RETENTION SYSTEM ALONG EXISTING RETAINING WALL AND PROTECT THE EXISTING WALL AS NECESSARY TO AVOID DAMAGE.
- THE CONTRACTOR SHALL NOT ALLOW HEAVY EQUIPMENT NEAR THE UNSUPPORTED EDGE (REMOVAL LINE) OF THE SIPHON JUNCTION CHAMBER.
- ANY DAMAGE TO THE EXISTING SIPHON AND EXISTING RETAINING WALL DURING CONSTRUCTION SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

**LEGEND**

- EXISTING SPRINKLER HEAD
- EXISTING TREE
- ⊗ EXISTING LIGHTING
- ⊠ EXISTING TREE REMOVAL
- Ⓟ TEMPORARY FENCE FOR TREE PROTECTION
- Ⓠ TREE ROOT PRUNING
- Ⓡ TREE PRUNING

BILL OF MATERIAL			
ITEM	UNIT	QUANTITY	NOTES
TEMPORARY SOIL RETENTION SYSTEM	SO FT	135	



USER NAME = vjanachione	DESIGNED - MFD	REVISED -
	DRAWN - BAW	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JMG/DL	REVISED -
PLOT DATE = 7/11/2017	DATE - 7/14/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

EXCAVATION PLAN PEORIA STREET	
SCALE: 1"=10'	SHEET NO. 3 OF 33 SHEETS
STA.	TO STA.

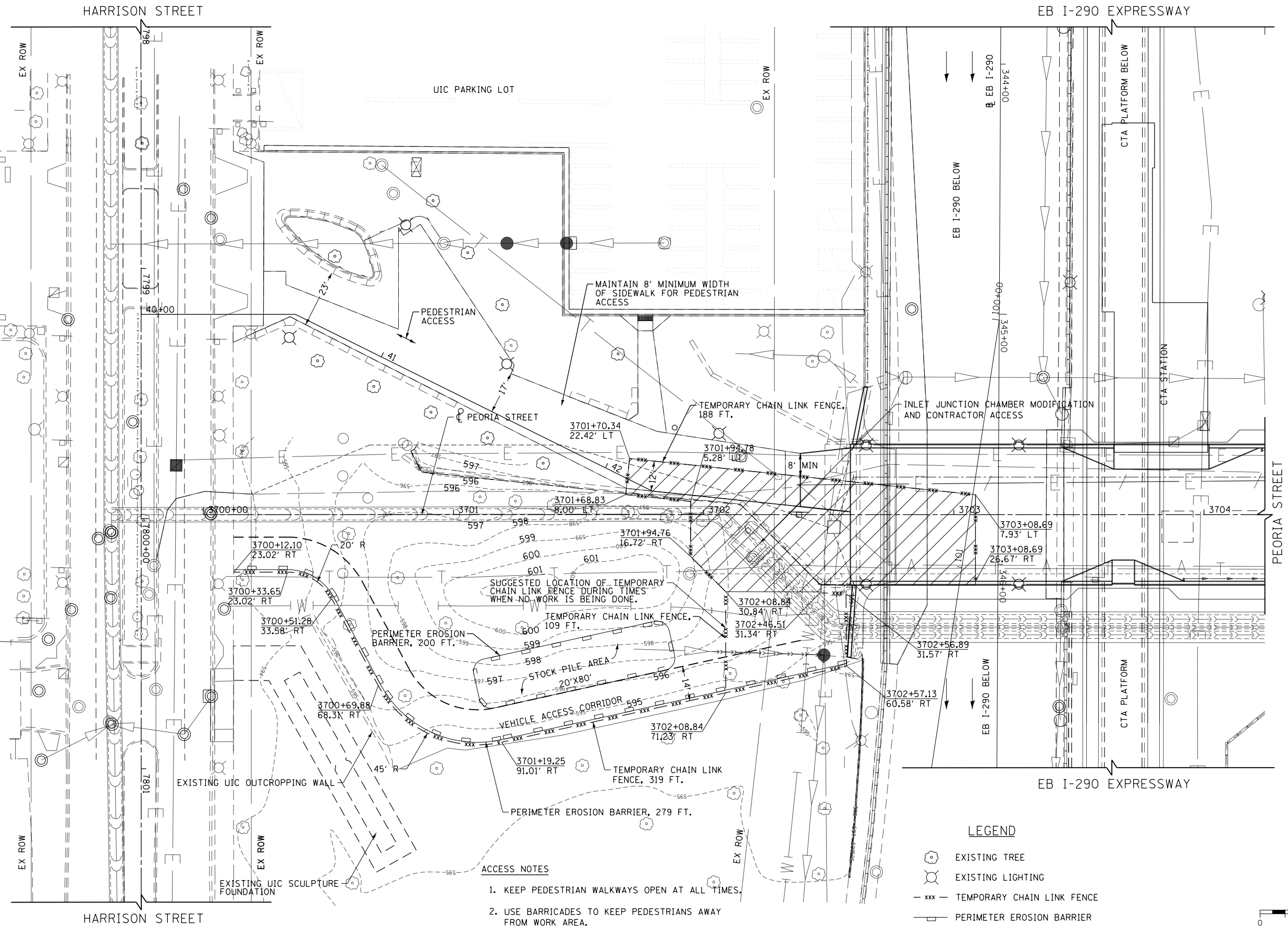
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 90/94	2014-016R&B	COOK	378	93C
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X95	



PLAN	SURVEYED	DATE
	NOTED	
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	BY	
	DATE	

PROFILE	SURVEYED	DATE
	NOTED	
	PLOTTED	
	GRADES CHECKED	
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	BY	
	DATE	

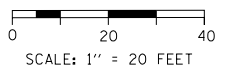
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- ACCESS NOTES**
1. KEEP PEDESTRIAN WALKWAYS OPEN AT ALL TIMES.
  2. USE BARRICADES TO KEEP PEDESTRIANS AWAY FROM WORK AREA.
  3. KEEP ALL EXCAVATIONS BARRICADED AND OR FENCED FROM PEDESTRIANS AND VEHICLE TRAFFIC.

**LEGEND**

	EXISTING TREE
	EXISTING LIGHTING
	TEMPORARY CHAIN LINK FENCE
	PERIMETER EROSION BARRIER
	WORK ZONE



USER NAME = v1janachone	DESIGNED - BSH	REVISED -
	DRAWN - BAW	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - MFD	REVISED -
PLOT DATE = 7/11/2017	DATE - 7/14/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

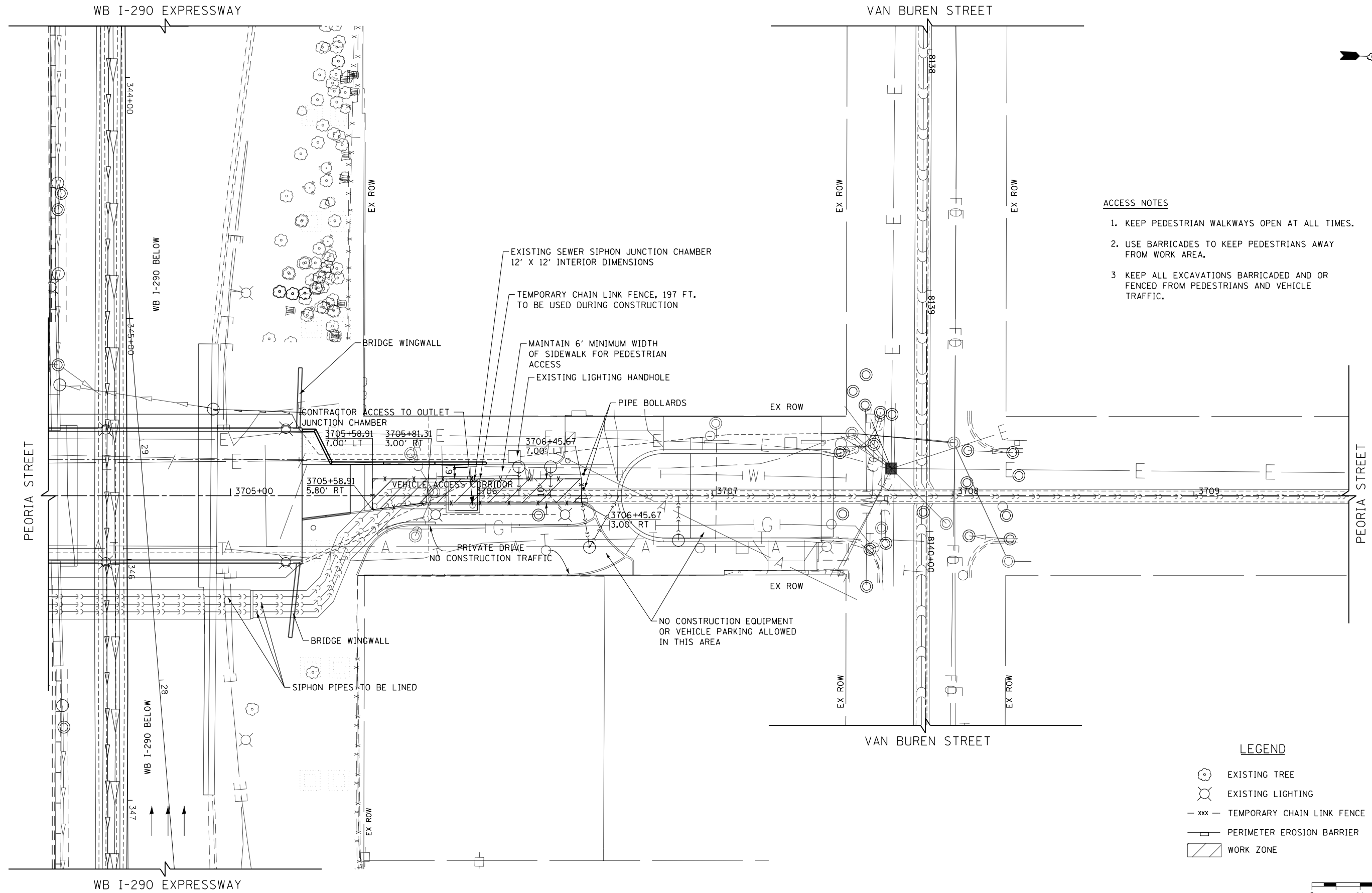
<b>SEWER SIPHON LINING ACCESS PLAN PEORIA STREET</b>	
SCALE: 1"=20'	SHEET NO. 4 OF 33 SHEETS STA. 3700+00 TO STA. 3704+25

F.A.I. RTE. FAI 90/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 93D
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X95	

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	PLOTTED	BY
	CHECKED	
	ALIGNED	
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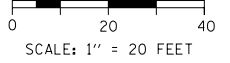
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	NOT AT THIS OFFICE	
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- ACCESS NOTES**
1. KEEP PEDESTRIAN WALKWAYS OPEN AT ALL TIMES.
  2. USE BARRICADES TO KEEP PEDESTRIANS AWAY FROM WORK AREA.
  3. KEEP ALL EXCAVATIONS BARRICADED AND OR FENCED FROM PEDESTRIANS AND VEHICLE TRAFFIC.

- LEGEND**
- EXISTING TREE
  - EXISTING LIGHTING
  - TEMPORARY CHAIN LINK FENCE
  - PERIMETER EROSION BARRIER
  - WORK ZONE



USER NAME = vjjanachone	DESIGNED - JLV	REVISED -
	DRAWN - BAW	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/11/2017	DATE - 7/14/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

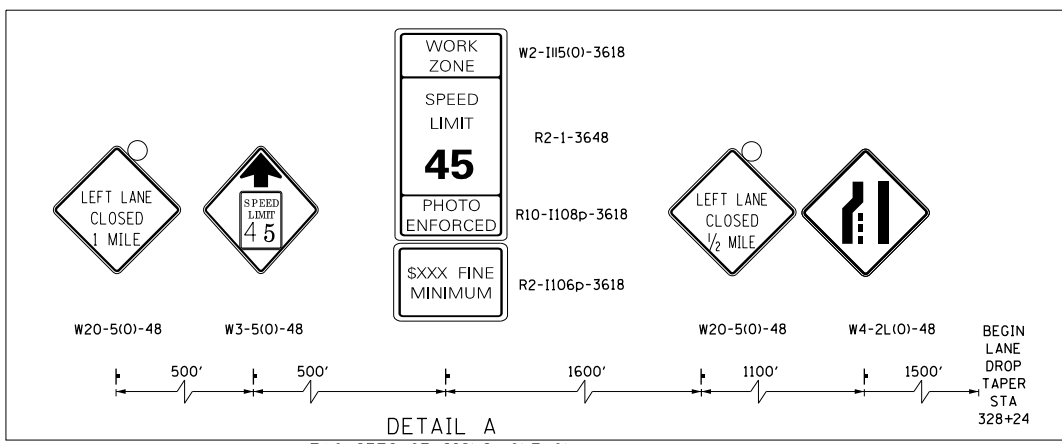
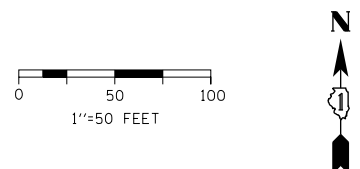
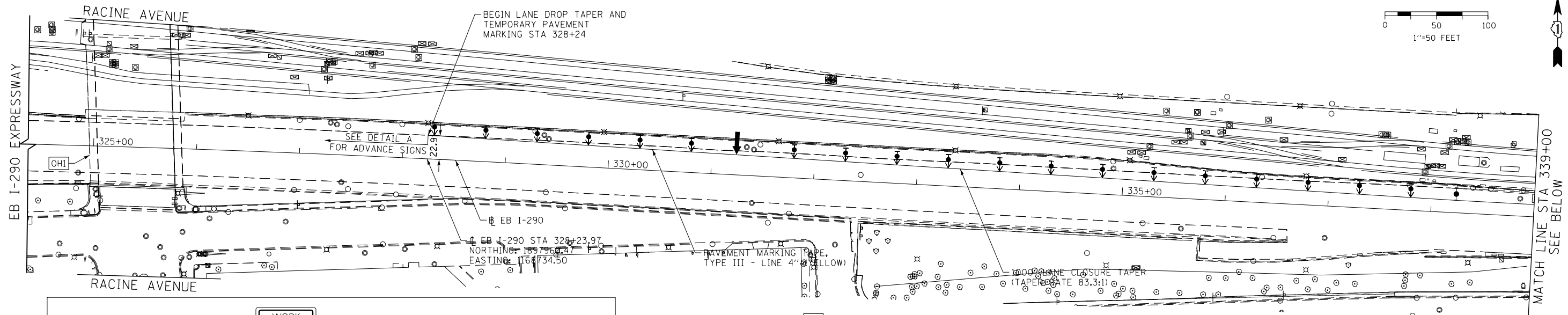
<b>SEWER SIPHON LINING ACCESS PLAN PEORIA STREET</b>			
SCALE: 1"=20'	SHEET NO. 5 OF 33 SHEETS	STA. 3704+25 TO STA. 3709+64	

F.A.I. RTE. 90/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 93E
			CONTRACT NO. 60X95	
ILLINOIS FED. AID PROJECT				

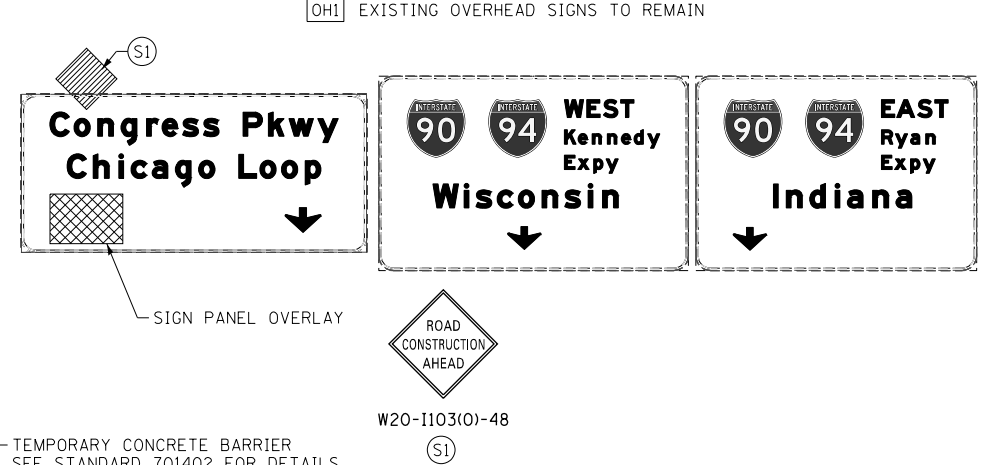
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	PLOTTED	
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	PLOTTED	
	GRADES CHECKED	
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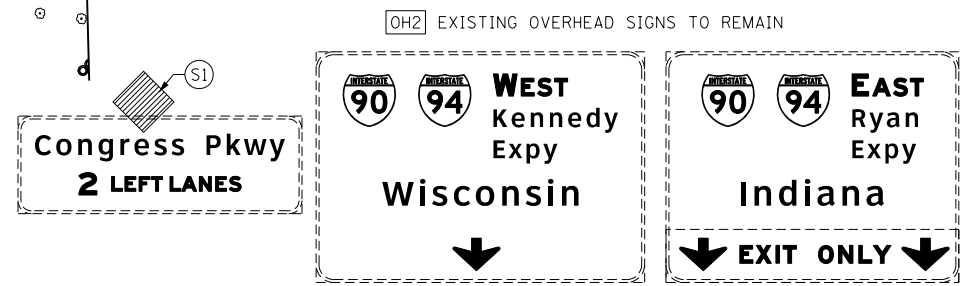
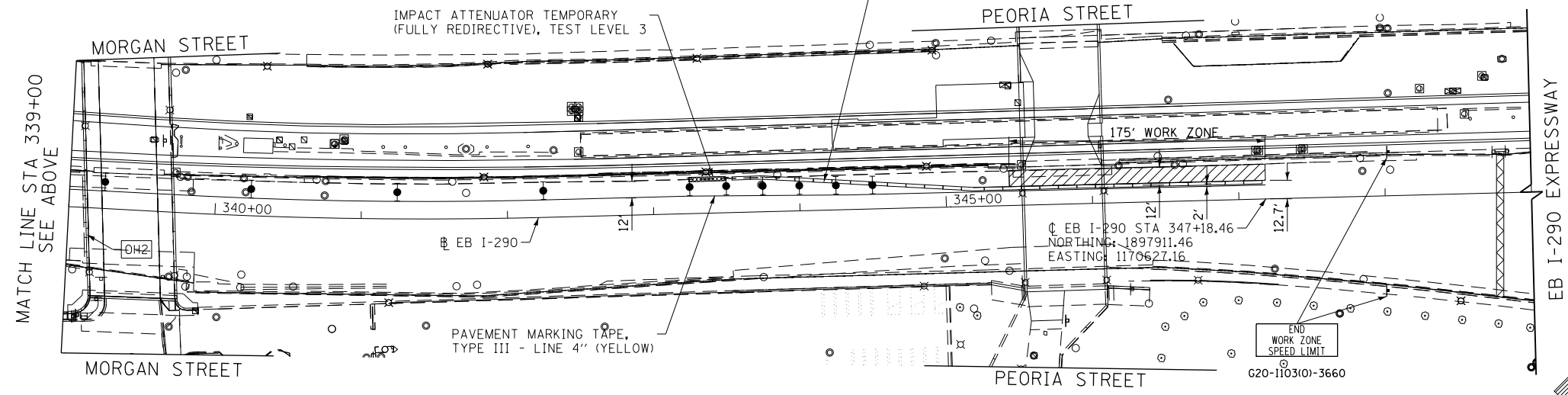
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DETAIL A  
TWO SETS OF SIGNS, ONE ON EACH SIDE OF EB I-290  
SEE HIGHWAY STANDARD 701400-08 FOR PLACEMENT DETAILS



- LEGEND**
- ARROW BOARD
  - WORK AREA
  - SIGN
  - DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
  - TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
  - TEMPORARY CONCRETE BARRIER
  - MONODIRECTIONAL GUARDRAIL/BARRIER WALL REFLECTOR
  - IMPACT ATTENUATOR
- NOTES:**
- REFER TO THE CONTRACTOR COOPERATION SPECIAL PROVISION FOR CONTRACT COORDINATION REQUIRED WITHIN THE WORK ZONE.
  - THE CONTRACTOR SHALL PLACE PERMANENT PAVEMENT MARKING TO MATCH THE EXISTING. THE FOLLOWING PAY ITEMS WILL APPLY:  
EPOXY PAVEMENT MARKING - LINE 5" (WHITE, 10' DASH, 30' SKIP)  
REPLACEMENT REFLECTOR (1 WAY CRYSTAL/OPAQUE)



USER NAME = vjanachone	DESIGNED - MFD	REVISED -
	DRAWN - BAW	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 7/12/2017	DATE - 7/14/2017	REVISED -

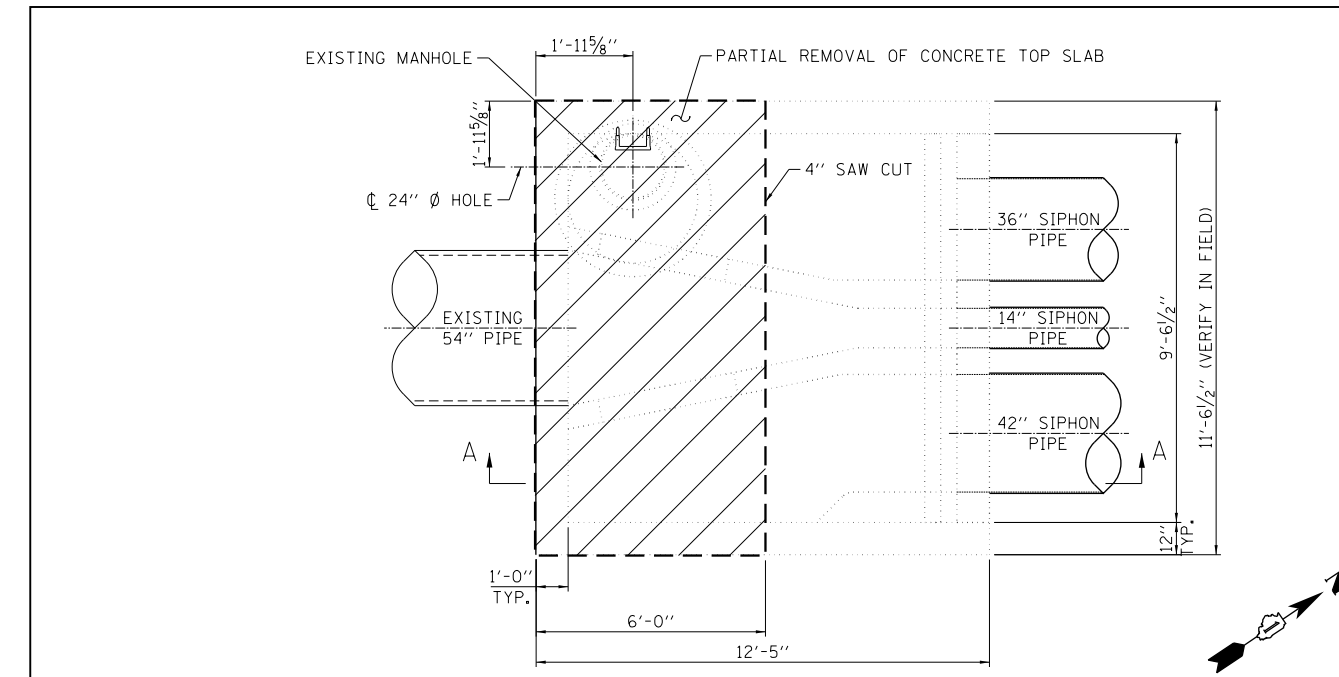
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SIPHON LINING MAINTENANCE OF TRAFFIC	
EB I-290	
SCALE: 1"=50'	SHEET NO. 6 OF 33 SHEETS
STA. 3700+00	TO STA. 3710+00

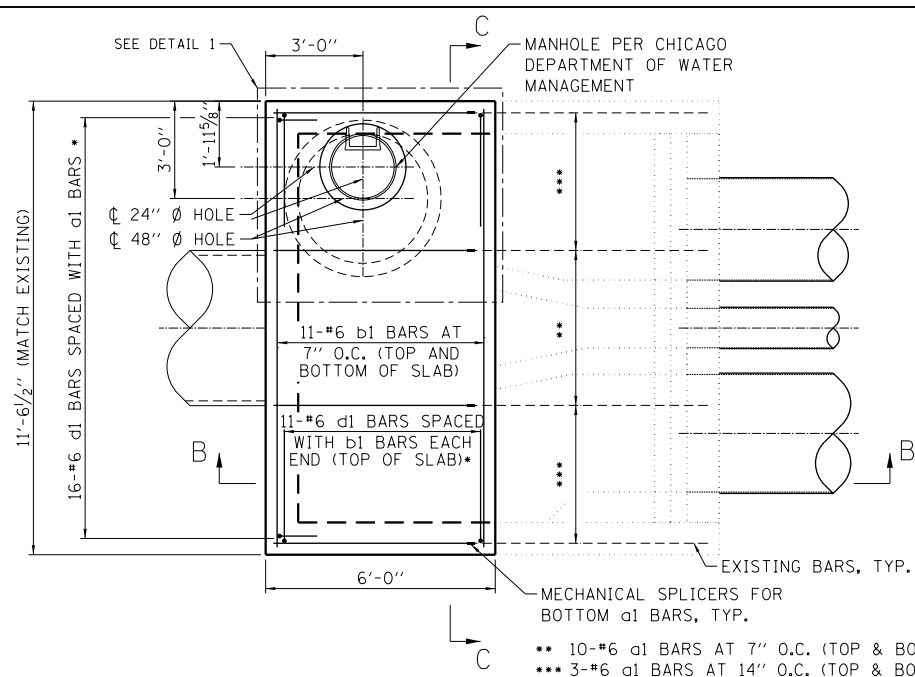
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2014-016R&B	COOK	378	93F
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X95	

PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	DATE	
	FILE NAME	
	NO.	

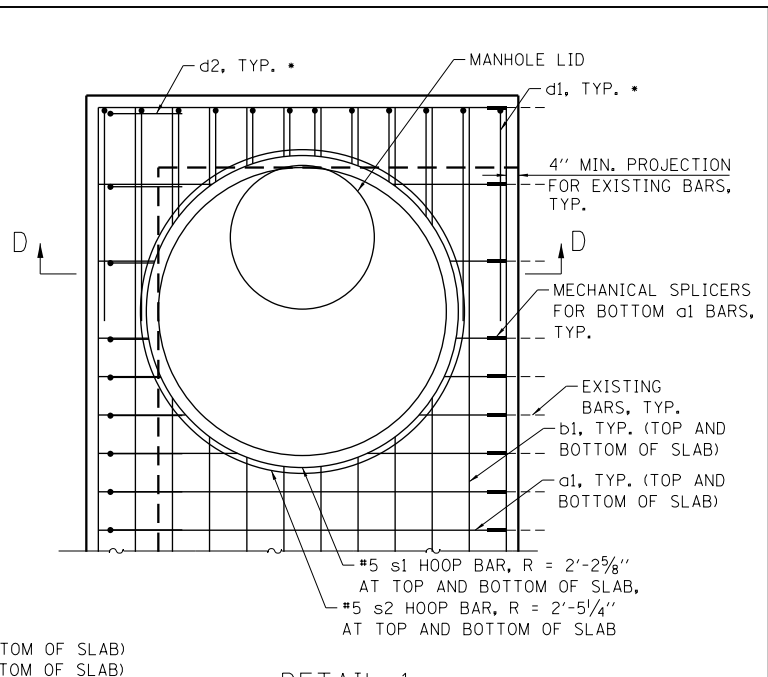
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	PLOTTED	BY
	CHECKED	
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	FILE NAME	
	NO.	



REMOVAL PLAN

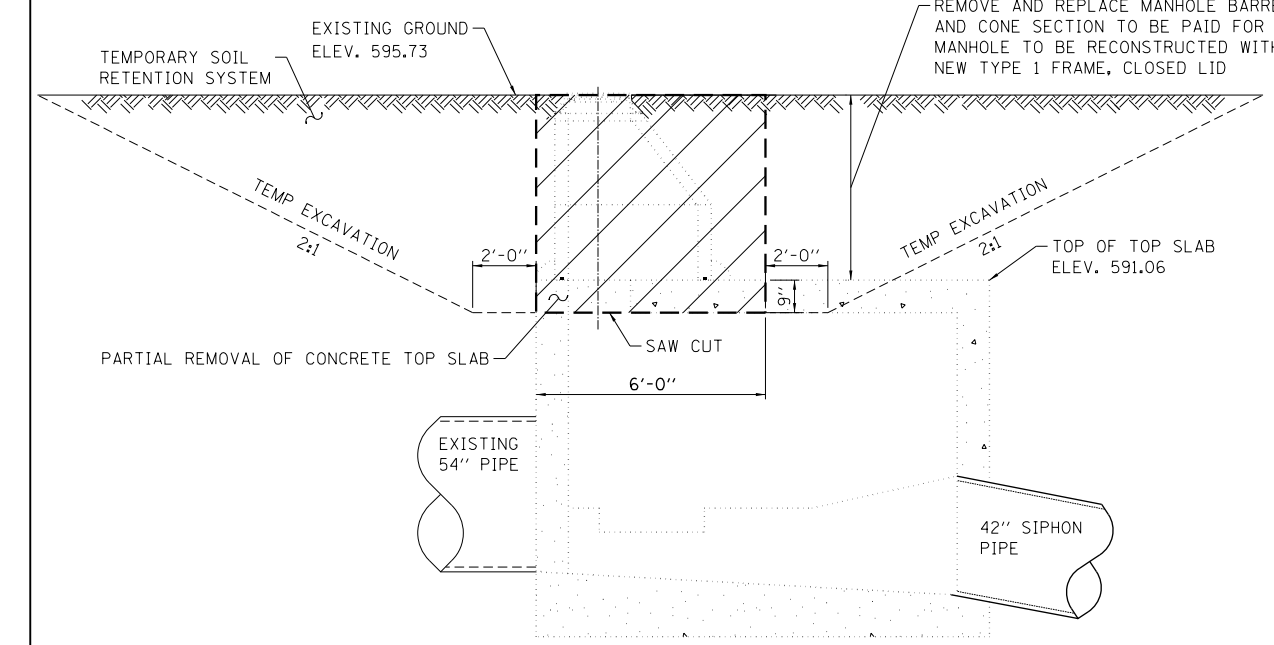


PROPOSED PLAN

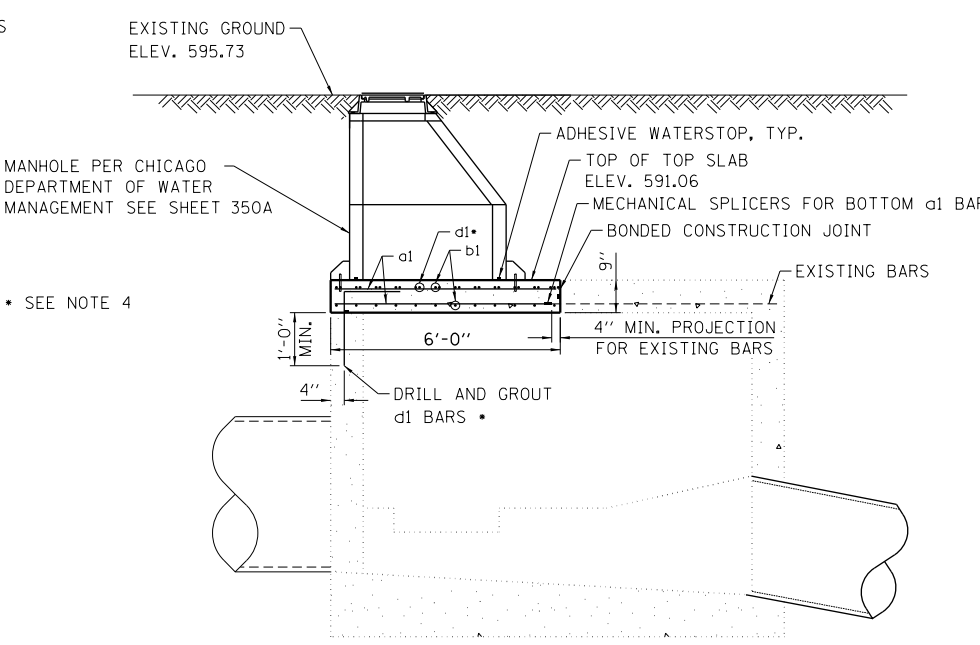


DETAIL 1

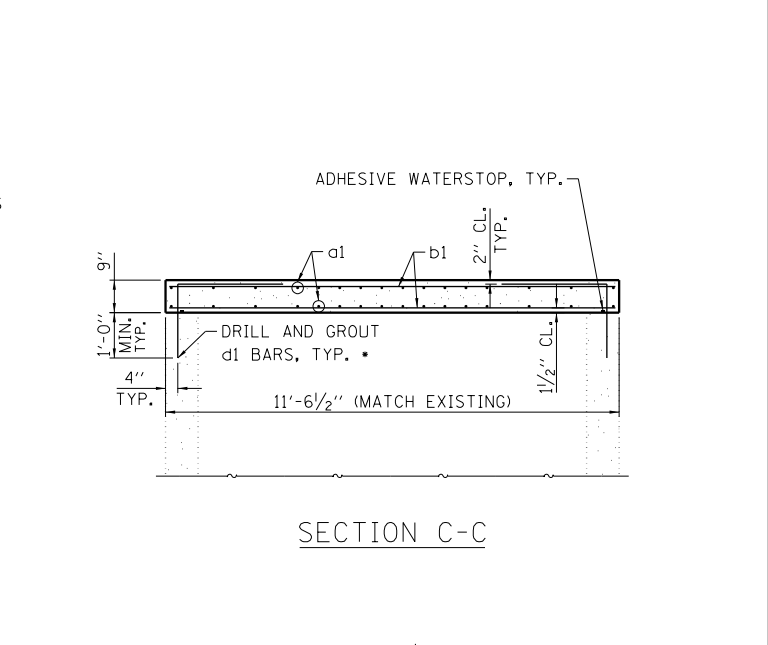
NOTE: CUT BARS TO FIT AROUND MANHOLE



SECTION A-A  
REMOVAL DETAILS



SECTION B-B

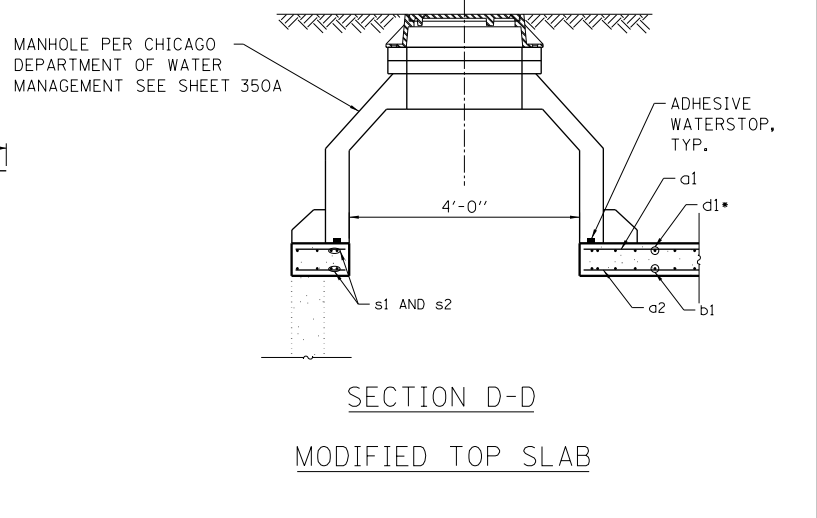
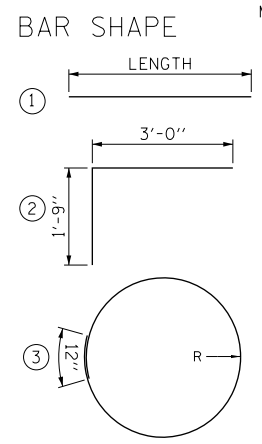


SECTION C-C

- NOTES:**
- ALL DIMENSIONS, ELEVATIONS AND PIPE SIZES SHOWN HAVE BEEN TAKEN FROM RECORD DRAWINGS (INCLUDED IN THE PLANS): WEST ROUTE SUPERHIGHWAY PLANS FOR PEORIA STREET BRIDGE SECTION 2525.1-1B F.A.ROUTE NO. 131 PROJECT U1261(29) APPROVED JULY 1, 1949
  - CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS AND SIZES PRIOR TO CONSTRUCTION OR DEMOLITION AND REPORT DISCREPANCIES TO THE ENGINEER BEFORE PROCEEDING.
  - ADHESIVE WATERSTOP SHALL BE APPLIED BETWEEN EXISTING AND PROPOSED SURFACES, OR OTHER JOINTS REQUIRED TO BE WATER TIGHT. THE SURFACES SHALL BE CLEANED AND PREPARED TO ACCEPT THE ADHESIVE WATERSTOP MATERIAL TO PRODUCE A SOUND WATER TIGHT JOINT.
  - DRILL AND SET d1 BARS INTO THE EXISTING CONCRETE WALLS ACCORDING TO ARTICLE 584 OF THE STANDARD SPECIFICATIONS. METHOD AND GROUT ARE SUBJECT TO APPROVAL OF THE ENGINEER, COST INCLUDED WITH CONCRETE STRUCTURES.
  - EXISTING REINFORCEMENT SHALL BE CLEANED AND INCORPORATED INTO THE NEW CONSTRUCTION. COST INCLUDED WITH CONCRETE REMOVAL.
  - FLEXIBLE ADHESIVE WATERSTOP MATERIAL SHALL CONFORM TO FEDERAL SPECIFICATION SSS-210. MANUFACTURERS:
    1. SYNKO-FLEX BY HENRY COMPANY
    2. GREENSTREAK
    3. WATERSTOP-RX BY CETCO
    4. EQUIVALENT PRODUCT APPROVED BY THE ENGINEER

BILL OF MATERIAL					
BAR MARK	NO.	SIZE	LENGTH	SHAPE	NOTES
a1	32	#6	5'-4"	1	TOP SLAB TRANSVERSE
b1	22	#6	11'-2"	1	TOP SLAB LONGITUDINAL
d1	38	#6	4'-9"	2	WALL TO TOP SLAB DOWEL
s1	2	#5	15'-0"	3	MANHOLE RISER REINF.
s2	2	#5	16'-4"	3	MANHOLE RISER REINF.
CONCRETE REMOVAL			CU YD	1.9	
CONCRETE STRUCTURES			CU YD	1.6	
REINFORCEMENT BARS			LB	970	
MECHANICAL SPLICERS			EACH	16	

1. MANHOLE RISER AND MANHOLE TOP SLAB PER CHICAGO DEPARTMENT OF WATER MANAGEMENT, INCLUDED IN PLANS.



SECTION D-D  
MODIFIED TOP SLAB



USER NAME = vjanachione	DESIGNED - TLR	REVISED -
	DRAWN - TLR	REVISED -
PLOT SCALE = 100.0000' / 1"	CHECKED - MFD/DL	REVISED -
PLOT DATE = 7/11/2017	DATE - 7/14/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

INLET JUNCTION CHAMBER MODIFICATION  
PEORIA STREET

SCALE: NONE SHEET NO. 7 OF 33 SHEETS STA. TO STA.

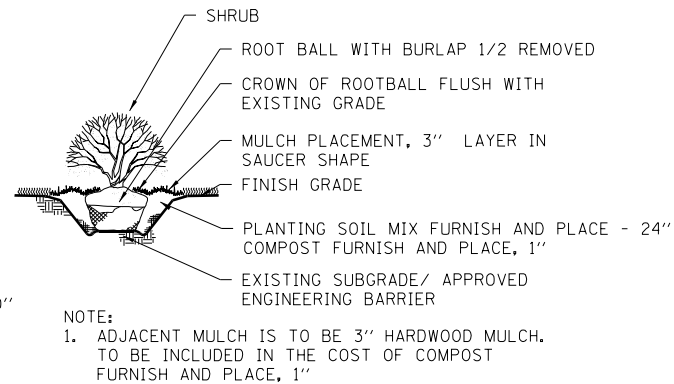
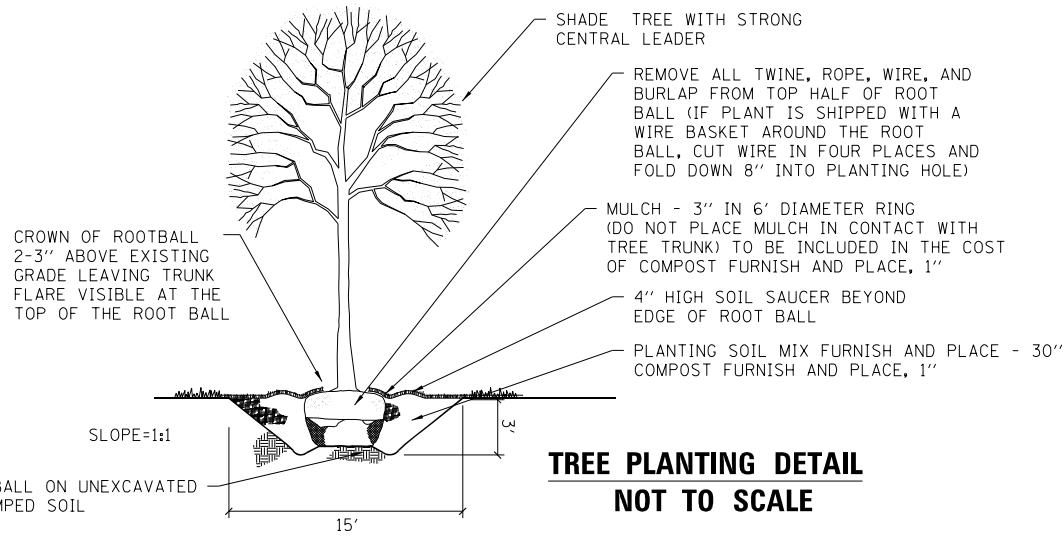
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 90/94	2014-016R&B	COOK	378	93G
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	

FILE NAME = c:\pwork\king\seccm00\1\_janachione\_d0468377\_0162092-Shr-Structural-01-Details.dgn

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NOTE BOOK	PLOTTED	BY
NO.	GRADES CHECKED	
	STRUCTURE	
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PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
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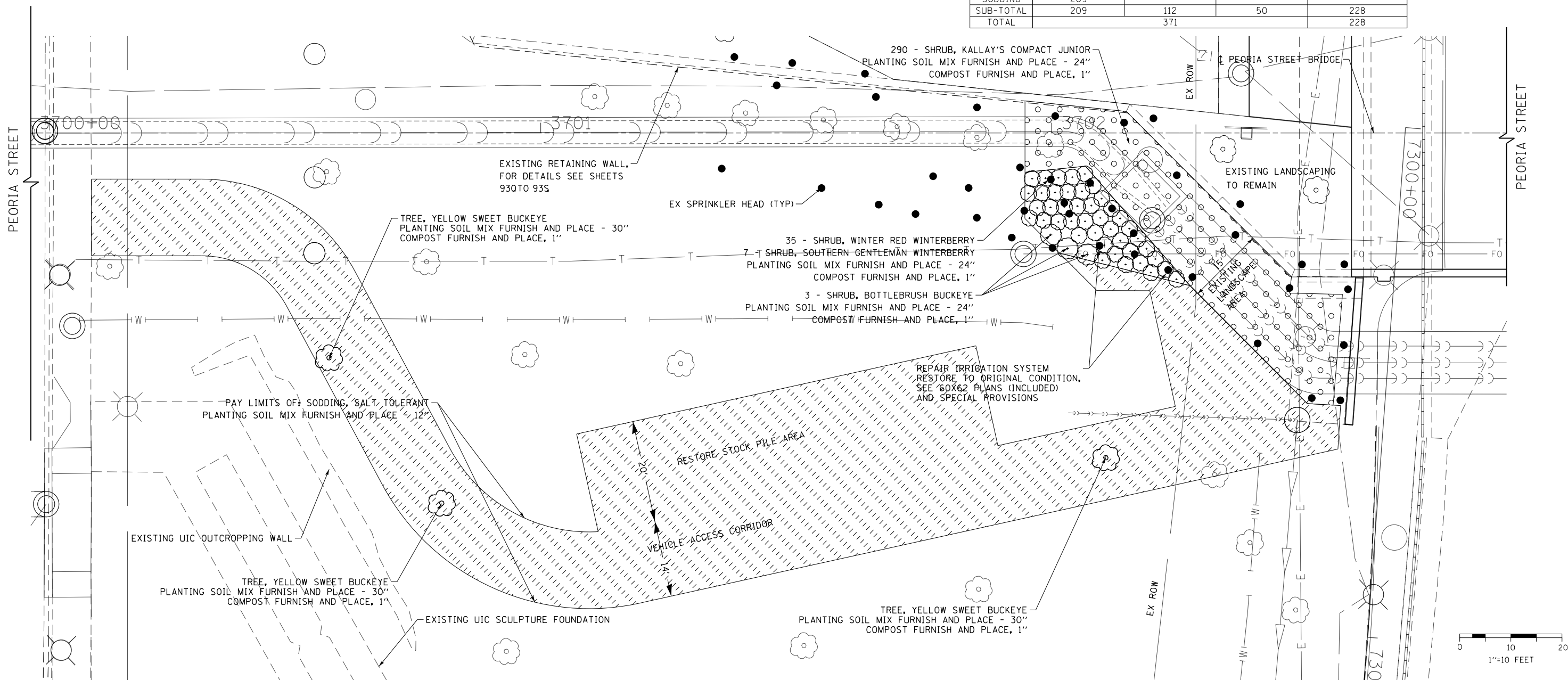


**LANDSCAPE SCHEDULE**

BOTANICAL NAME	COMMON NAME	SIZE	ROOT	REMARKS	QUANTITY	UNIT
<b>ORNAMENTAL TREES</b>						
AESCULUS FLAVEA	YELLOW SWEET BUCKET	2 1/2" CAL	B&B	SPECIMAN QUANTITY	3	EACH
<b>SHRUBS</b>						
AESCULUS PARVIFLORA	BOTTLEBRUSH BUCKEYE	42" HT	B&B	SPACED AS SHOWN	3	EACH
ILEX VERTICILLATA 'WINTER RED'	WINTER RED WINTERBERRY	36" HT	B&B	SPACED AS SHOWN	35	EACH
ILEX VERTICILLATA	SOUTHERN GENTLEMAN WINTERBERRY	36" HT	B&B	SPACED AS SHOWN	7	EACH
JUNIPERUS CHINENSIS KALLAY'S COMPACT	KALLAY'S PFITZER JUNIOR	18" WD / 3 GAL	POT	SPACED AS SHOWN	290	EACH
<b>TURF GRASS</b>						
SODDING, SALT TOLERANT	SODDING, SALT TOLERANT	SY	ROLLS		688	SO YD

**PLANTING SOIL MIX SCHEDULE**

TYPE	PLANTING SOIL MIX FURNISH AND PLACE			COMPOST FURNISH AND PLACE, 1"
	12"	24"	30"	
	CU YD	CU YD	CU YD	SQ YD
TREES			50	59
SHRUBS		112		169
SODDING	209			
SUB-TOTAL	209	112	50	228
TOTAL		371		228



<b>TranSystems</b>	USER NAME = vljanachone	DESIGNED - JRH	REVISED -
	PLOT SCALE = 20.0000' / in.	DRAWN - BAW	REVISED -
	PLOT DATE = 7/12/2017	CHECKED - MFD	REVISED -
		DATE - 7/14/2017	REVISED -

<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>		<b>SITE RESTORATION PLAN</b> <b>PEORIA STREET</b>		F.A.I. R.T.E. 907/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 93H
		SCALE: 1"=10'	SHEET NO. 8 OF 33 SHEETS	STA. 3700+75 TO STA. 3703+65	CONTRACT NO. 60X95			
				ILLINOIS FED. AID PROJECT				



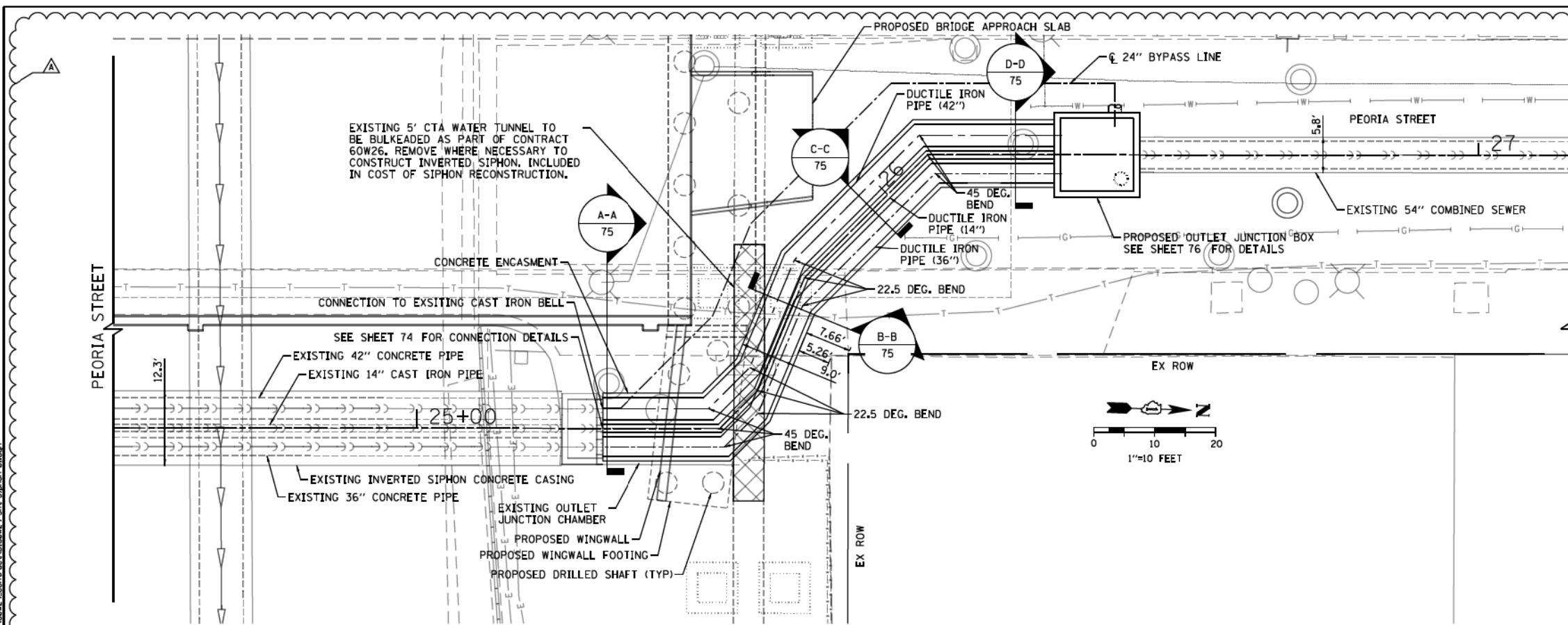
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	STRUCTURE NOTATIONS OK'D	
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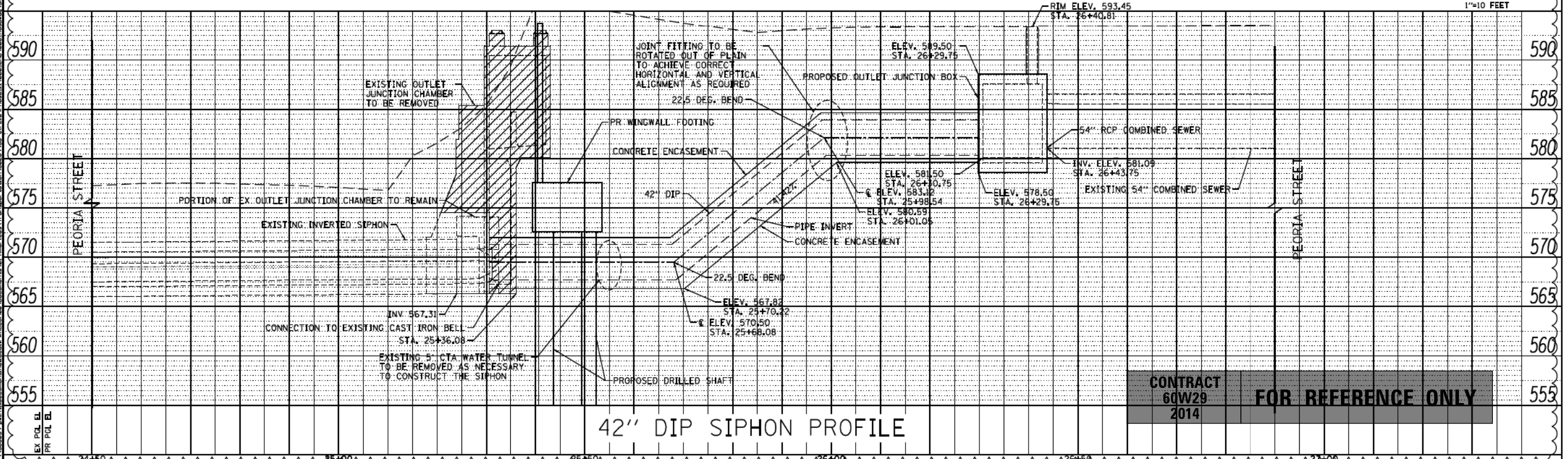
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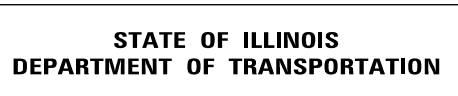
- NOTES:**
- ALL DIMENSIONS, ELEVATIONS AND PIPE SIZES SHOWN HAVE BEEN TAKEN FROM RECORD DRAWINGS TITLED (INCLUDED IN THE PLANS):  
WEST ROUTE SUPER HIGHWAY  
PLANS FOR PEORIA STREET BRIDGE  
SECTION 2525.1B  
F.A. ROUTE NO. 131 PROJECT U261(29)  
APPROVED JULY 1, 1949
  - CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS AND SIZES PRIOR TO CONSTRUCTION OR DEMOLITION AND REPORT DISCREPANCIES TO THE ENGINEER BEFORE PROCEEDING.
  - CONDITION OF THE EXISTING 54" BRICK COMBINED SEWER PIPE IS EXPECTED TO BE GOOD AND THE EXTERIOR SURFACE SUITABLE FOR APPLICATION OF AN ADHESIVE WATER STOP SYSTEM.
  - ALL NEW SIPHON PIPE SHALL BE DUCTILE IRON PIPE BELLED JOINT.
  - ALL FITTINGS SHALL BE DUCTILE IRON MECHANICAL JOINT FITTINGS.
  - DESIGN CODES:  
A. AMERICAN CONCRETE INSTITUTE ACI-318  
B. AASHTO
  - SEE SPECIAL PROVISION SIPHON RECONSTRUCTION FOR ADDITIONAL CONSTRUCTION REQUIREMENTS AND MATERIAL SPECIFICATIONS.
  - DESIGN STRENGTH OF CAST IN PLACE CONCRETE, F'C 4000 PSI
  - YIELD STRESS OF REINFORCEMENT STEEL, F<sub>y</sub> 60,000 PSI
  - ALLOWABLE SOIL BEARING PRESSURE BASED ON THE SOILS REPORT PREPARED BY WANG ENGINEERING WEI #1100-04-01.



	D160W29-Sht-Siphon-01.dgn USER NAME = BAW:stort PLOT SCALE = 20.0000' / in. PLOT DATE = 1/21/2014	DESIGNED - JEH DRAWN - CWD CHECKED - JWC DATE - 10/30/2013	REVISED - A 01/20/2014 REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SIPHON PLAN AND PROFILE PEORIA STREET</b>		F.A.I. RTE. 90/94/290 SECTION 2013-011R COUNTY COOK TOTAL SHEETS 356 SHEET NO. 71	<b>CONTRACT 60W29 2014 FOR REFERENCE ONLY</b>	ILLINOIS FED. AID PROJECT
	SCALE: 1"=10' SHEET 2 OF 11 SHEETS STA. TO STA.				ILLINOIS FED. AID PROJECT				



USER NAME = vjanachione	DESIGNED - BSH	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - BSH	REVISED -
PLOT DATE = 7/11/2017	CHECKED - MFD	REVISED -
	DATE - 7/14/2017	REVISED -

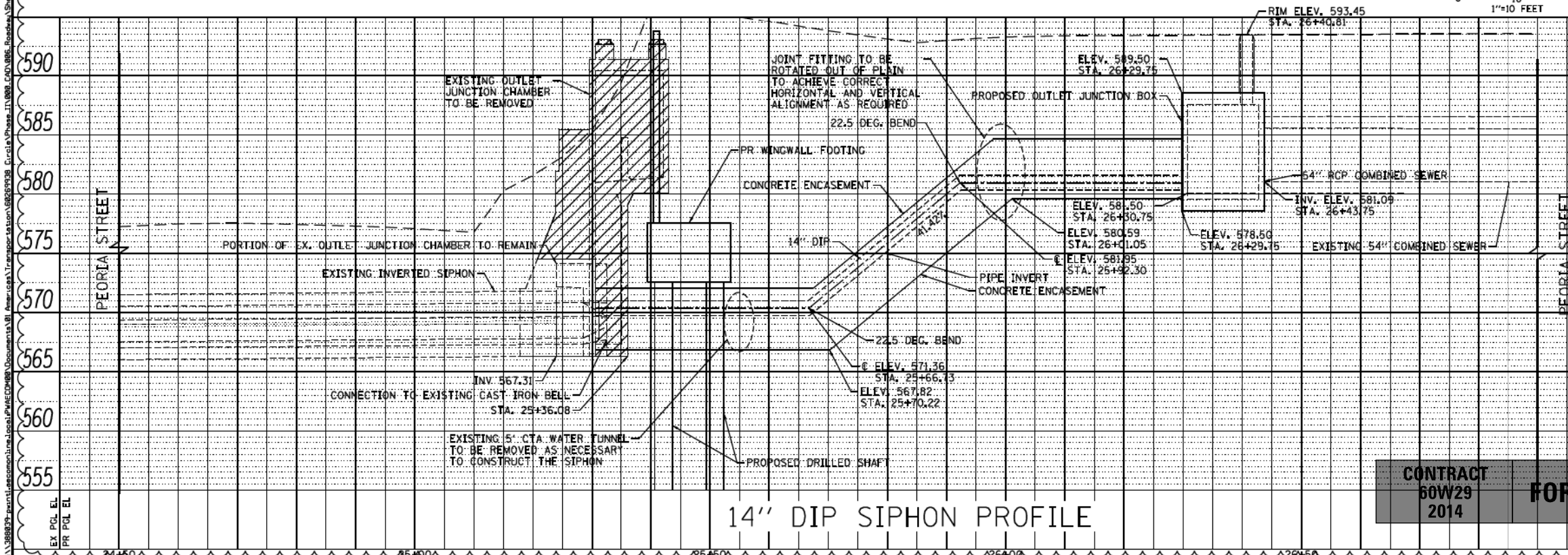
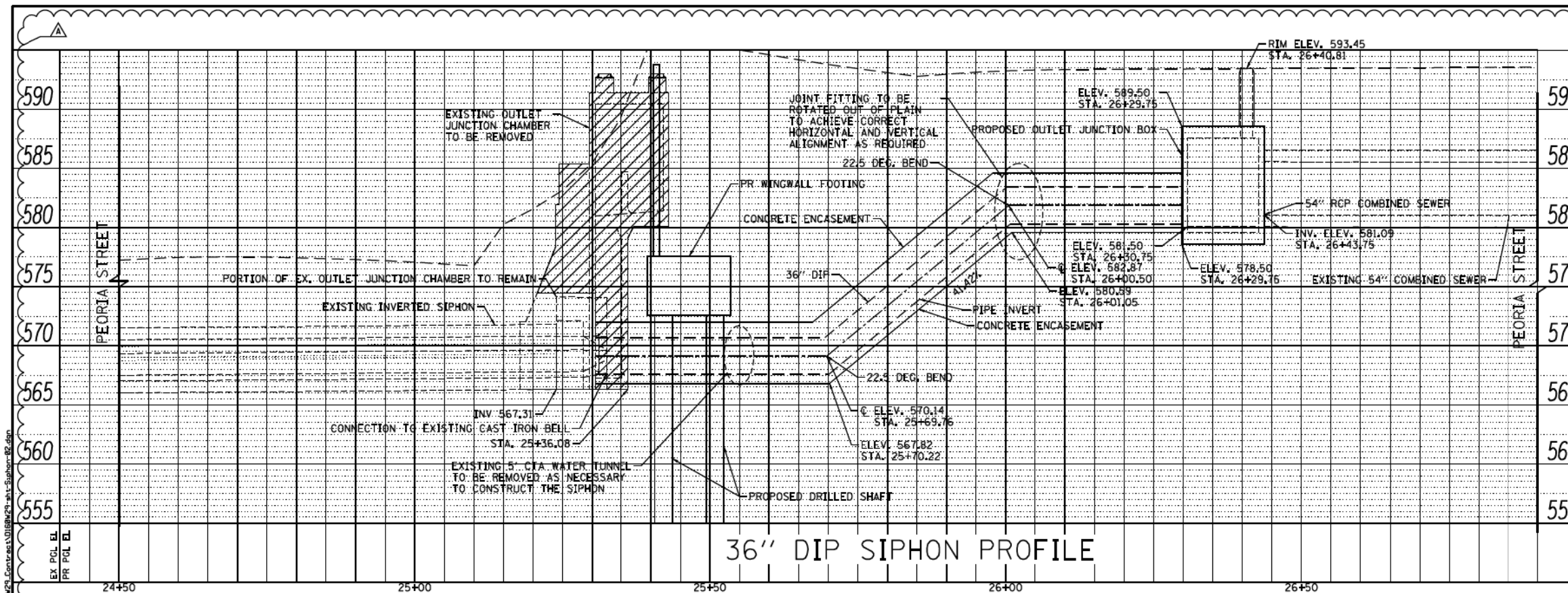


<b>RECORD PLANS FROM CONTRACT 60W29 PEORIA STREET</b>		
SCALE: NONE	SHEET NO. 9 OF 33 SHEETS	STA. TO STA.

F.A.I. RTE. 90/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 931
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTED	
	NOTE BOOK NO.	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTED	
	NOTE BOOK NO.	
	CADD FILE NAME	



- NOTES:
- ALL DIMENSIONS, ELEVATIONS AND PIPE SIZES SHOWN HAVE BEEN TAKEN FROM RECORD DRAWINGS TITLED (INCLUDED IN THE PLANS):  
WEST ROUTE SUPER HIGHWAY PLANS FOR PEORIA STREET BRIDGE SECTION 2525.1B  
F.A. ROUTE NO. 131 PROJECT UI261(29)  
APPROVED JULY 1, 1949
  - CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS AND SIZES PRIOR TO CONSTRUCTION OR DEMOLITION AND REPORT DISCREPANCIES TO THE ENGINEER BEFORE PROCEEDING.
  - CONDITION OF THE EXISTING 54" BRICK COMBINED SEWER PIPE IS EXPECTED TO BE GOOD AND THE EXTERIOR SURFACE SUITABLE FOR APPLICATION OF AN ADHESIVE WATER STOP SYSTEM.
  - ALL NEW SIPHON PIPE SHALL BE DUCTILE IRON PIPE BELLED JOINT.
  - ALL FITTINGS SHALL BE DUCTILE IRON MECHANICAL JOINT FITTINGS.
  - DESIGN CODES:  
A. AMERICAN CONCRETE INSTITUTE ACI-318  
B. AASHTO
  - SEE SPECIAL PROVISION SIPHON RECONSTRUCTION FOR ADDITIONAL CONSTRUCTION REQUIREMENTS AND MATERIAL SPECIFICATIONS.
  - DESIGN STRENGTH OF CAST IN PLACE CONCRETE, F'C 4000 PSI
  - YIELD STRESS OF REINFORCEMENT STEEL, Fy 60,000 PSI
  - ALLOWABLE SOIL BEARING PRESSURE BASED ON THE SOILS REPORT PREPARED BY WANG ENGINEERING WEI #1100-04-01.

**CONTRACT 60W29 2014 FOR REFERENCE ONLY**

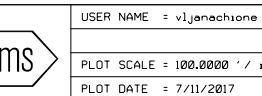


D:\60W29-shr-Siphon-02.dgn	DESIGNED - JEH	REVISED - 01/20/2014
USER NAME = BAW:stort	DRAWN - CWD	REVISED -
PLOT SCALE = 100.0000' / 1in.	CHECKED - JWC	REVISED -
PLOT DATE = 1/21/2014	DATE - 10/30/2013	REVISED -

**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

SCALE: NONE		<b>SIPHON PROFILES</b>	
SCALE:		<b>PEORIA STREET</b>	
SHEET 3	OF 11 SHEETS	STA.	TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-01R	COUNTY COOK	TOTAL SHEETS 356	SHEET NO. 72
ILLINOIS FED. AID PROJECT				CONTRACT NO. 60W29



USER NAME = vjanachione	DESIGNED - BSH	REVISED -
	DRAWN - BSH	REVISED -
PLOT SCALE = 100.0000' / 1in.	CHECKED - MFD	REVISED -
PLOT DATE = 7/11/2017	DATE - 7/14/2017	REVISED -

**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

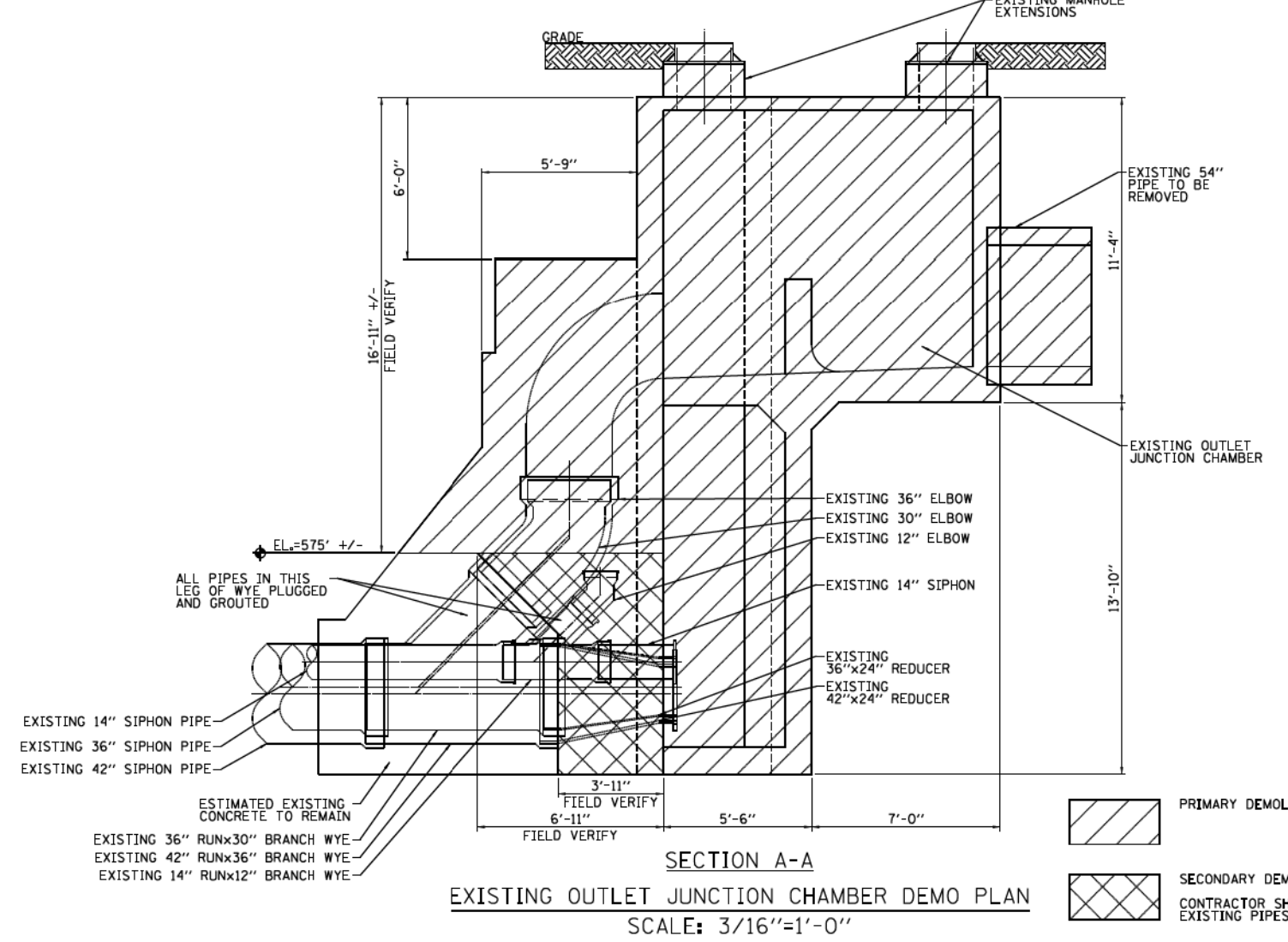
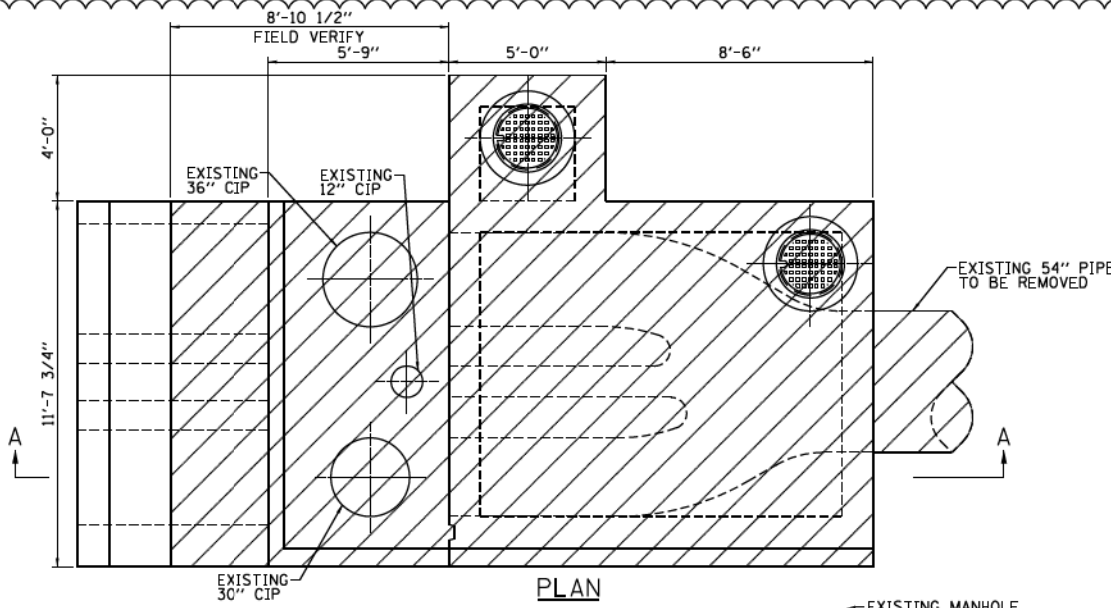
SCALE: NONE		<b>RECORD PLANS FROM CONTRACT 60W29</b>	
SCALE:		<b>PEORIA STREET</b>	
SHEET NO. 10	OF 33 SHEETS	STA.	TO STA.

F.A.I. RTE. 90/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 93J
ILLINOIS FED. AID PROJECT				CONTRACT NO. 60X95

FILE NAME = c:\pwork\working\60w29\1\_janachione\_d0468377\_0162092-shr-Siphon-02.dgn

**NOTES:**

- ALL DIMENSIONS, ELEVATIONS AND PIPE SIZES SHOWN HAVE BEEN TAKEN FROM RECORD DRAWINGS TITLED (INCLUDED IN THE PLANS);  
WEST ROUTE SUPER HIGHWAY  
PLANS FOR PEORIA STREET BRIDGE SECTION 2525.1B  
F.A. ROUTE NO. 131 PROJECT U1261(29)  
APPROVED JULY 1, 1949
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS AND SIZES PRIOR TO CONSTRUCTION OR DEMOLITION AND REPORT DISCREPANCIES TO THE ENGINEER BEFORE PROCEEDING
- CONDITION OF THE EXISTING 54" BRICK COMBINED SEWER PIPE IS EXPECTED TO BE GOOD AND THE EXTERIOR SURFACE SUITABLE FOR APPLICATION OF AN ADHESIVE WATER STOP SYSTEM.
- DEMOLITION OF THE EXISTING OUTLET JUNCTION CHAMBER SHALL BE CONDUCTED USING CAUTION SO THAT THE EXISTING SIPHON PIPES ARE NOT DAMAGED. IN PARTICULAR CARE SHALL BE TAKEN WHEN REMOVING CONCRETE FROM AROUND THE REDUCER FITTINGS AND THE CONNECTION TO THE LARGER PIPE.
- CAUTION SHALL BE TAKEN DURING DEMOLITION SO THE BYPASS PIPING IS NOT DAMAGED.
- GEOMETRY OF THE CONNECTION FLANGE ON THE EXISTING 42" X 24" REDUCER PIPE FLANGE HAS BEEN TAKEN FROM THE PROVIDED DRAWINGS AND SHALL BE VERIFIED.



**SEQUENCE OF CONSTRUCTION:**  
THE SEQUENCE OF CONSTRUCTION MUST INSURE THAT SEWER FLOWS WILL BE UNINTERRUPTED DURING THE CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR DEVELOPING THE SEQUENCE OF CONSTRUCTION FOR THE WORK. THE FOLLOWING SEQUENCE OF CONSTRUCTION WAS DEVELOPED AS ONE OPTION AND IS THE BASIS FOR THE BYPASS PIPING AND STRUCTURES AS SHOWN IN THE PLANS. OTHER CONSTRUCTION SEQUENCES WILL BE CONSIDERED.

- EXCAVATE AND EXPOSE THE EXISTING 54 BRICK SEWER.
- REMOVE AND CAP CURB INLET PIPING.
- CONSTRUCT THE PROPOSED OUTLET JUNCTION BOX AROUND THE EXISTING 54" BRICK SEWER. THE BOX WOULD BE PERMANENTLY SEALED AGAINST THE OUTSIDE OF THE 54" BRICK SEWER ON THE NORTH END. THE BOX WILL HAVE NO TOP AND THE TEMPORARY WALL #1 IS SEALED AGAINST THE 54" BRICK SEWER. THE BASE OF THE BOX WILL BE CAST AGAINST THE UNDERSIDE OF THE BRICK SEWER.
- THE 24" HOPE BYPASS LINE IS CONNECTED TO THE PROPOSED OUTLET JUNCTION BOX AND RUN TO THE EXISTING OUTLET JUNCTION CHAMBER.
- THE 42" SIPHON LINE IS TEMPORARILY PLUGGED AT THE SOUTH END, DEWATERED AND CLEANED.
- THE 36" WYE BRANCH LINE ON THE 42" SIPHON LINE IS PLUGGED AND PERMANENTLY GROUTED TIGHT BELOW ELEVATION 575.00.
- THE EXTERIOR WALL OF THE EXISTING OUTLET JUNCTION CHAMBER IS REMOVED TO AN EXTENT SO THE 24" BYPASS LINE CAN BE CONNECTED TO THE 24" FLANGE CONNECTION ON THE 42" SIPHON LINE.
- THE EXISTING 54" BRICK SEWER WITHIN THE PROPOSED OUTLET JUNCTION BOX IS REMOVED.
- TEMPORARY WALL #2 IS CONSTRUCTED IN THE PROPOSED OUTLET JUNCTION BOX SEPARATING THE INLET 54" SEWER LINE FROM THE 24" BYPASS LINE AND OUTLET 54" SEWER LINE.
- SEWER FLOWS ARE DIVERTED TO THE 42" SIPHON LINE AND THE 24" BYPASS LINE.
- THE 36" AND 14" SIPHON LINES ARE TEMPORARILY PLUGGED AT THE SOUTH END, DEWATERED AND CLEANED.
- THE EXISTING OUTLET JUNCTION CHAMBER ABOVE ELEVATION 575.00, THE EXISTING 54" SEWER LINE FROM THE EXISTING OUTLET JUNCTION CHAMBER TO THE PROPOSED OUTLET JUNCTION BOX AND THE TEMPORARY WALL #1 OF THE PROPOSED OUTLET JUNCTION BOX ARE REMOVED.
- THE PERMANENT SOUTH WALL OF THE PROPOSED OUTLET JUNCTION BOX IS CONSTRUCTED WITH 42", 36" AND 14" WALL PIPES.
- THE 30" AND 12" WYE BRANCH LINES ON THE 36" AND 14" SIPHON LINES ARE PLUGGED AND PERMANENTLY GROUTED TIGHT.
- THE CONCRETE AROUND THE 42", 36" AND 14" SIPHON LINES IS CAREFULLY REMOVED EXPOSING THE 42" X 24" AND 36" X 24" REDUCERS AND THE 14" PIPE.
- THE 36" X 24" REDUCER IS REMOVED AND THE NEW 36" PIPE IS CONNECTED. THE 14" PIPE FLANGE SECTION IS REMOVED AND THE NEW 14" PIPE IS CONNECTED.
- THE 36" AND 14" SIPHON LINES ARE CONSTRUCTED FROM THE EXISTING OUTLET JUNCTION CHAMBER TO THE PROPOSED OUTLET JUNCTION BOX.
- THE 42" SIPHON LINE IS CONSTRUCTED FROM THE PROPOSED OUTLET JUNCTION BOX TO THE EXISTING OUTLET JUNCTION CHAMBER.
- THE THREE SIPHON LINES ARE ENCASED IN CONCRETE.
- INTERIOR BAFFLE WALLS AND FORMED INVERTS ARE CONSTRUCTED ON THE DRY (SOUTH) SIDE OF THE TEMPORARY WALL #2.
- THE TEMPORARY WALL #2 IS REMOVED FROM THE PROPOSED OUTLET JUNCTION BOX.
- SEWER FLOWS ARE DIVERTED TO THE 36" AND 14" SIPHON LINES.
- THE INVERT IN THE PROPOSED OUTLET JUNCTION BOX IS COMPLETED ON THE WET (NORTH) SIDE OF THE PROPOSED OUTLET JUNCTION BOX.
- THE 42" SIPHON AND 24" BYPASS LINES ARE PLUGGED AND DEWATERED.
- THE 24" BYPASS LINE IS REMOVED, AND THE 24" OPENING IN THE PROPOSED OUTLET JUNCTION BOX IS PERMANENTLY SEALED.
- THE 42" X 24" REDUCER IS REMOVED AND THE NEW 42" LINE IS CONNECTED TO THE EXISTING 42" SIPHON LINE.
- AREA AROUND THE SIPHON PIPE CONNECTIONS IS FILLED WITH ENCASEMENT CONCRETE.
- THE TOP OF THE PROPOSED OUTLET JUNCTION BOX IS CONSTRUCTED ALONG WITH THE ACCESS MANHOLE AND CONNECTIONS TO THE ADJACENT CURB INLET STRUCTURES.
- FLOW ESTABLISHED IN THE 3 SIPHON LINES.

**CONTRACT 60W29 2014 FOR REFERENCE ONLY**

DATE	BY	DATE	BY

DATE	BY	DATE	BY



D160W29-shr-Siphon-03.dgn	DESIGNED - JEH	REVISED - 12/18/2013
USER NAME = BAN:stort	DRAWN - CWD	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - JWC	REVISED -
PLOT DATE = 12/19/2013	DATE - 10/30/2013	REVISED -

**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

<b>SIPHON DEMOLITION DETAILS</b>			
<b>PEORIA STREET</b>			
SCALE: NONE	SHEET 4	OF 11 SHEETS	STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-011R	COUNTY COOK	TOTAL SHEETS 356	SHEET NO. 73
CONTRACT NO. 60W29				
ILLINOIS FED. AID PROJECT				



USER NAME = vjanachione	DESIGNED - BSH	REVISED -
	DRAWN - BSH	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - MFD	REVISED -
PLOT DATE = 7/11/2017	DATE - 7/14/2017	REVISED -

**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

<b>RECORD PLANS FROM CONTRACT 60W29</b>			
<b>PEORIA STREET</b>			
SCALE: NONE	SHEET NO. 11	OF 33 SHEETS	STA. TO STA.

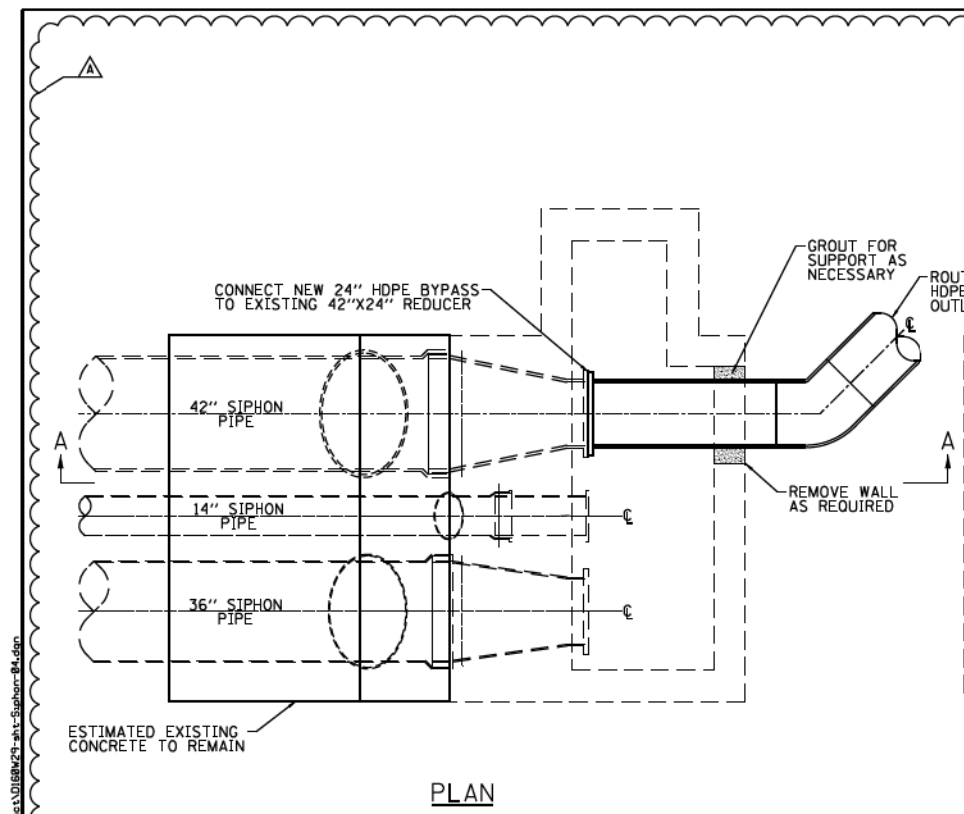
F.A.I. RTE. 90/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 93K
CONTRACT NO. 60X95				
ILLINOIS FED. AID PROJECT				

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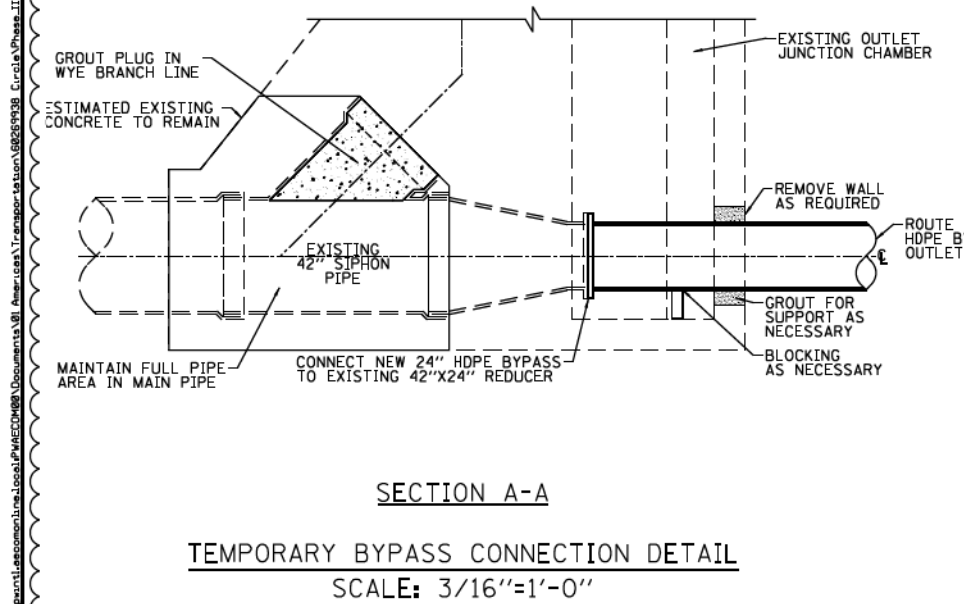
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	PLOTTED	
	CHECKED	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	

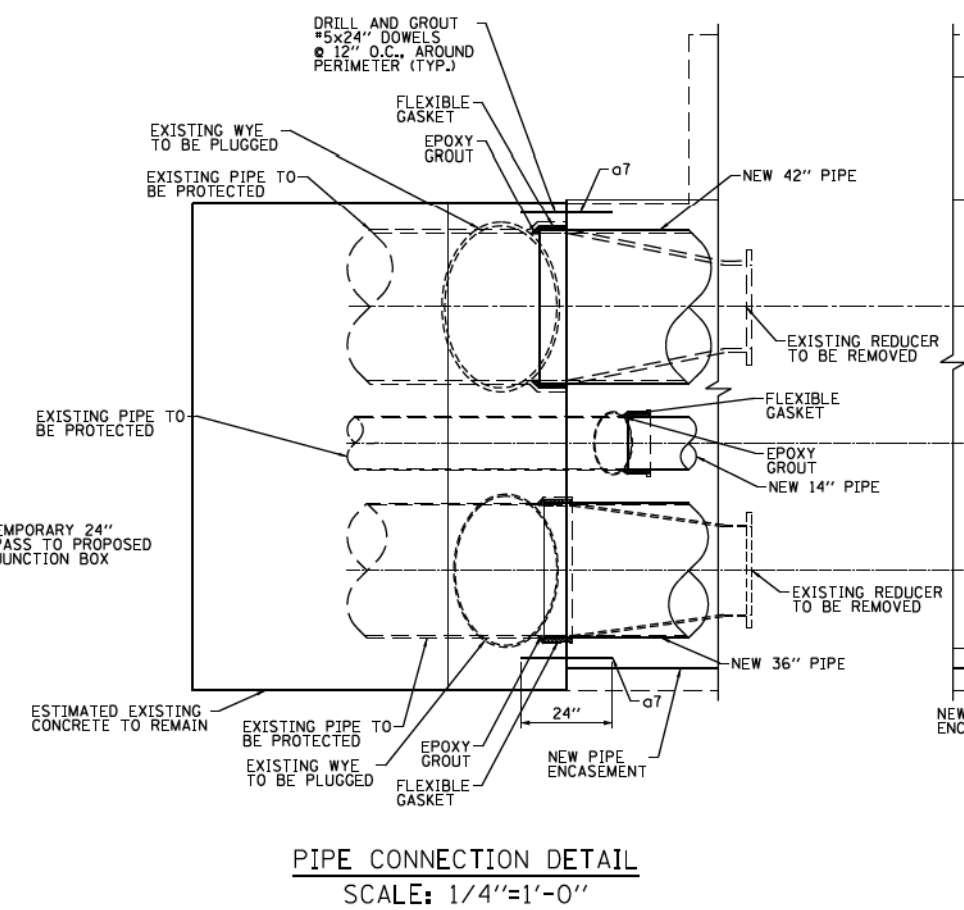


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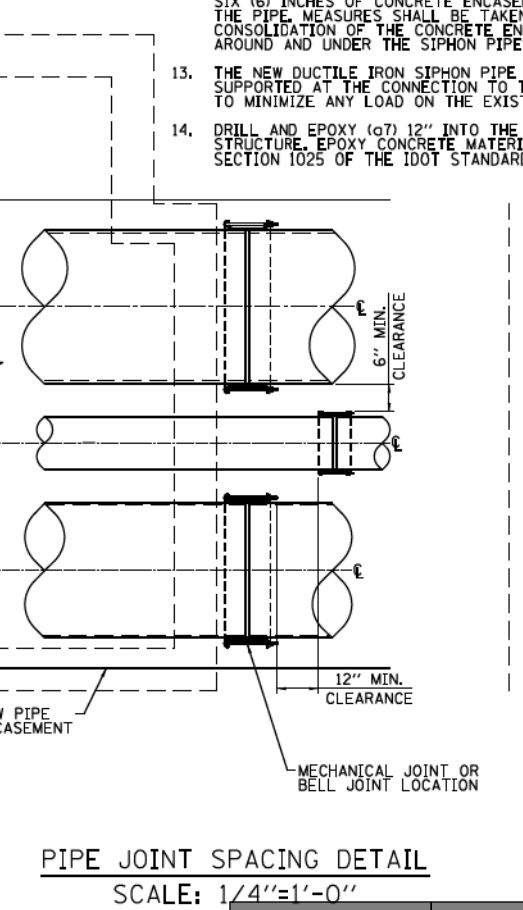


SECTION A-A

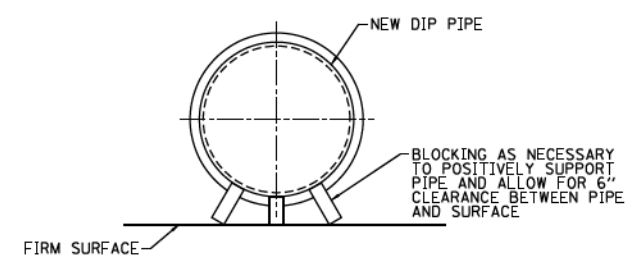
TEMPORARY BYPASS CONNECTION DETAIL  
SCALE: 3/16"=1'-0"



PIPE CONNECTION DETAIL  
SCALE: 1/4"=1'-0"



PIPE JOINT SPACING DETAIL  
SCALE: 1/4"=1'-0"



PIPE SUPPORT DETAIL  
NOT TO SCALE

- NOTES:
- ALL DIMENSIONS, ELEVATIONS AND PIPE SIZES SHOWN HAVE BEEN TAKEN FROM RECORD DRAWINGS TITLED (INCLUDED IN THE PLANS);  
WEST ROUTE SUPER HIGHWAY  
PLANS FOR PEORIA STREET BRIDGE SECTION 2525.1B  
F.A.ROUTE NO. 131 PROJECT U1261(29)  
APPROVED JULY 1, 1949
  - CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS AND SIZES PRIOR TO CONSTRUCTION OR DEMOLITION AND REPORT DISCREPANCIES TO THE ENGINEER BEFORE PROCEEDING
  - CONDITION OF THE EXISTING 54" BRICK COMBINED SEWER PIPE IS EXPECTED TO BE GOOD AND THE EXTERIOR SURFACE SUITABLE FOR APPLICATION OF AN ADHESIVE WATER STOP SYSTEM.
  - DUCTILE IRON PIPES CONNECTING TO THE EXISTING CAST IRON PIPES SHALL BE CLOSELY MATED AND THE JOINT SEALED WITH RAN-NEK SEALANT OR EQUAL. THE JOINT SHALL BE SEALED FLUSH WITH AN EPOXY GROUT OR EQUAL.
  - PIPE SHALL BE FULLY SUPPORTED WITH A MINIMUM SPACE OF 6" FOR PIPE ENCASEMENT CONCRETE.
  - NEW DIP PIPES CONNECTING TO THE EXISTING SIPHON PIPES SHALL BE FULLY SUPPORTED SO THAT NO WEIGHT IS PLACED ON THE EXISTING PIPES.
  - ADHESIVE WATERSTOP SHALL BE APPLIED TO ALL FORMED SURFACES REQUIRED TO BE WATER TIGHT.
  - CENTER BULB WATER STOP SHALL BE CAST INTO ALL CAST JOINTS REQUIRED TO BE WATER TIGHT.
  - THREADED REINFORCEMENT CASTINGS SHALL BE LENTON OR APPROVED EQUAL. PLUGS SHALL BE USED ON ALL COUPLERS.
  - WALL PIPE ASSEMBLIES SHALL BE DUCTILE IRON WITH WATERSTOP RINGS.
  - THE SURFACE UNDER THE SIPHON PIPE ENCASEMENT SHALL BE EXAMINED FOR ANY SOFT OR YIELDING AREAS. ANY AREAS FOUND SHALL BE EXCAVATED AND RECOMPACTED TO PROVIDE SUITABLE SUPPORT FOR THE SIPHON PIPES.
  - THE NEW DUCTILE IRON SIPHON PIPE AND FITTINGS SHALL BE SECURELY SUPPORTED TO INSURE NO MOVEMENT OCCURS PRIOR TO OR DURING PLACEMENT OF THE SIPHON PIPE CONCRETE ENCASEMENT. THE SIPHON PIPE SHALL BE SUPPORTED SO THAT A MINIMUM OF SIX (6) INCHES OF CONCRETE ENCASEMENT CAN BE PLACED AROUND THE PIPE. MEASURES SHALL BE TAKEN TO INSURE FULL CONSOLIDATION OF THE CONCRETE ENCASEMENT MATERIAL OCCURS AROUND AND UNDER THE SIPHON PIPES.
  - THE NEW DUCTILE IRON SIPHON PIPE SHALL BE SECURELY SUPPORTED AT THE CONNECTION TO THE EXISTING SIPHON PIPES TO MINIMIZE ANY LOAD ON THE EXISTING PIPE.
  - DRILL AND EPOXY (G7) 12" INTO THE EXISTING CONCRETE STRUCTURE. EPOXY CONCRETE MATERIALS SHALL COMPLY WITH SECTION 1025 OF THE IDOT STANDARD SPECIFICATIONS.



0160M29-shr-Siphon-04.dgn
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PLOT SCALE = 100.0000' / in.
PLOT DATE = 12/19/2013

DESIGNED - JEH	REVISED - 12/18/2013
DRAWN - CWD	REVISED -
CHECKED - JWC	REVISED -
DATE - 10/30/2013	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCALE: NONE	SHEET 5	OF 11 SHEETS	STA.	TO STA.
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CONTRACT 60W29 2014		FOR REFERENCE ONLY	
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2013-011R	COOK	356	74
CONTRACT NO. 60W29			
ILLINOIS FED. AID PROJECT			



USER NAME = vjanachione	DESIGNED - BSH	REVISED -
DRAWN - BSH	REVISED -	
CHECKED - MFD	REVISED -	
DATE - 7/14/2017	REVISED -	

STATE OF ILLINOIS	RECORD PLANS FROM CONTRACT 60W29
DEPARTMENT OF TRANSPORTATION	PEORIA STREET

SCALE: NONE	SHEET NO. 12	OF 33 SHEETS	STA.	TO STA.
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CONTRACT 60W29 2014		FOR REFERENCE ONLY	
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2014-016R&B	COOK	378	93L
CONTRACT NO. 60X95			
ILLINOIS FED. AID PROJECT			

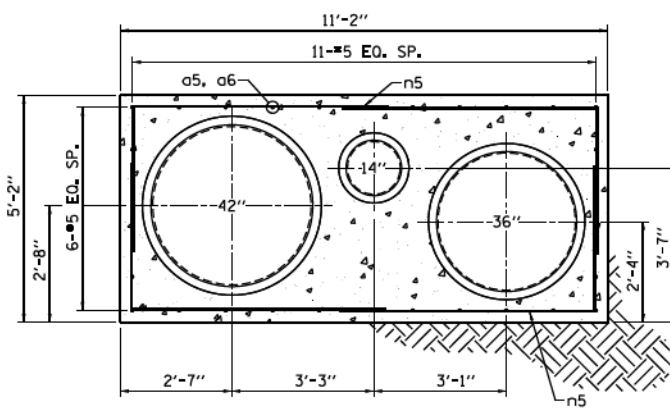
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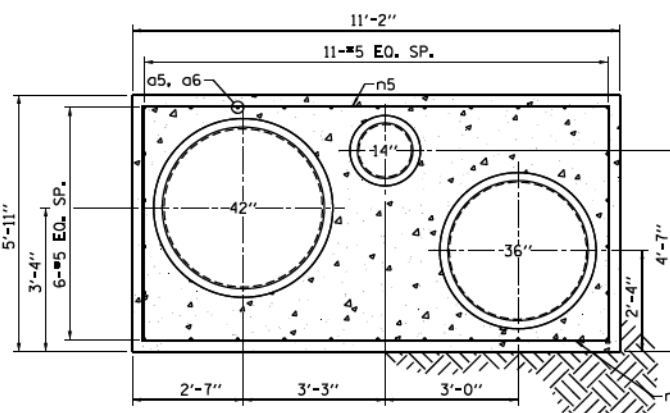
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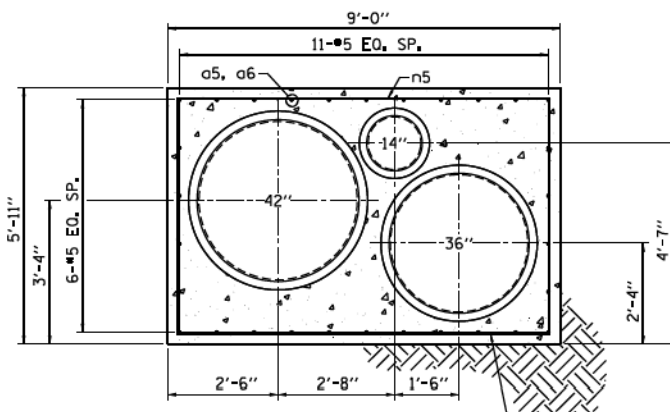
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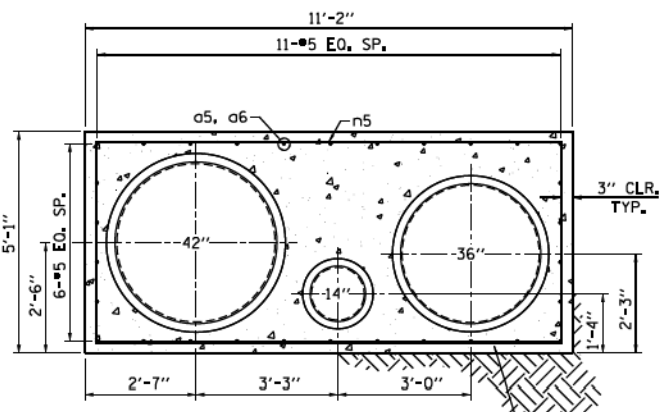
SECTION A-A



SECTION C-C



SECTION B-B



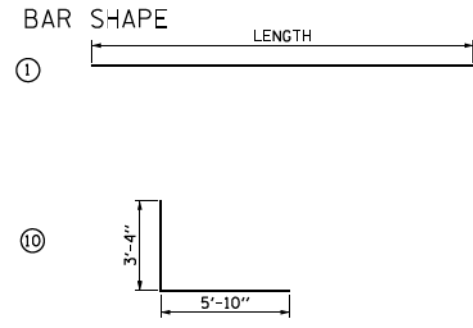
SECTION D-D

CONCRETE ENCASEMENT DETAIL  
SCALE: 1/4"=1'-0"

- NOTES:**
1. THE SURFACE UNDER THE SIPHON PIPE ENCASEMENT SHALL BE EXAMINED FOR ANY SOFT OR YIELDING AREAS. ANY AREAS FOUND SHALL BE EXCAVATED AND RECOMPACTED TO PROVIDE SUITABLE SUPPORT FOR THE SIPHON PIPES.
  2. THE NEW DUCTILE IRON SIPHON PIPE AND FITTINGS SHALL BE SECURELY SUPPORTED TO INSURE NO MOVEMENT OCCURS PRIOR TO OR DURING PLACEMENT OF THE SIPHON PIPE CONCRETE ENCASEMENT. THE SIPHON PIPE SHALL BE SUPPORTED SO THAT A MINIMUM OF SIX (6) INCHES OF CONCRETE ENCASEMENT CAN BE PLACED AROUND THE PIPE. MEASURES SHALL BE TAKEN TO INSURE FULL CONSOLIDATION OF THE CONCRETE ENCASEMENT MATERIAL OCCURS AROUND AND UNDER THE SIPHON PIPES.
  3. THE NEW DUCTILE IRON SIPHON PIPE SHALL BE SECURELY SUPPORTED AT THE CONNECTION TO THE EXISTING SIPHON PIPES TO MINIMIZE ANY LOAD ON THE EXISTING PIPE.

BILL OF MATERIAL (FOR INFORMATION ONLY)					
BAR MARK	NO.	SIZE	LENGTH	SHAPE	NOTES
a5	60	#5	40'-0"	1	LAP 2'-0" MIN.
a6	30	#5	23'-0"	1	LAP 2'-0" MIN.
a7	30	#5	2'-0"	1	DOWLES
n5	384	#5	9'-2"	10	LAP 1'-0" MIN, 3'-2" MAX
CONCRETE STRUCTURES			CU YD	131.7	
REINFORCEMENT BARS			POUND	6954	

1. COST OF CONCRETE STRUCTURES AND REINFORCEMENT BARS IS INCLUDED WITH SIPHON RECONSTRUCTION.



**CONTRACT 60W29 2014** FOR REFERENCE ONLY



D160W29-sht-Siphon-06.dgn	DESIGNED - JEH	REVISED - 01/20/2014
USER NAME = BAW:stort	DRAWN - CWD	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - JWC	REVISED -
PLOT DATE = 1/21/2014	DATE - 10/30/2013	REVISED -

**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

SIPHON DETAILS			
PEORIA STREET			
SCALE: NONE	SHEET 6	OF 11 SHEETS	STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-011R	COUNTY COOK	TOTAL SHEETS 356	SHEET NO. 75
				CONTRACT NO. 60W29
ILLINOIS FED. AID PROJECT				



USER NAME = vjanachone	DESIGNED - BSH	REVISED -
	DRAWN - BSH	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - MFD	REVISED -
PLOT DATE = 7/11/2017	DATE - 7/14/2017	REVISED -

**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

RECORD PLANS FROM CONTRACT 60W29			
PEORIA STREET			
SCALE: NONE	SHEET NO. 13	OF 33 SHEETS	STA. TO STA.

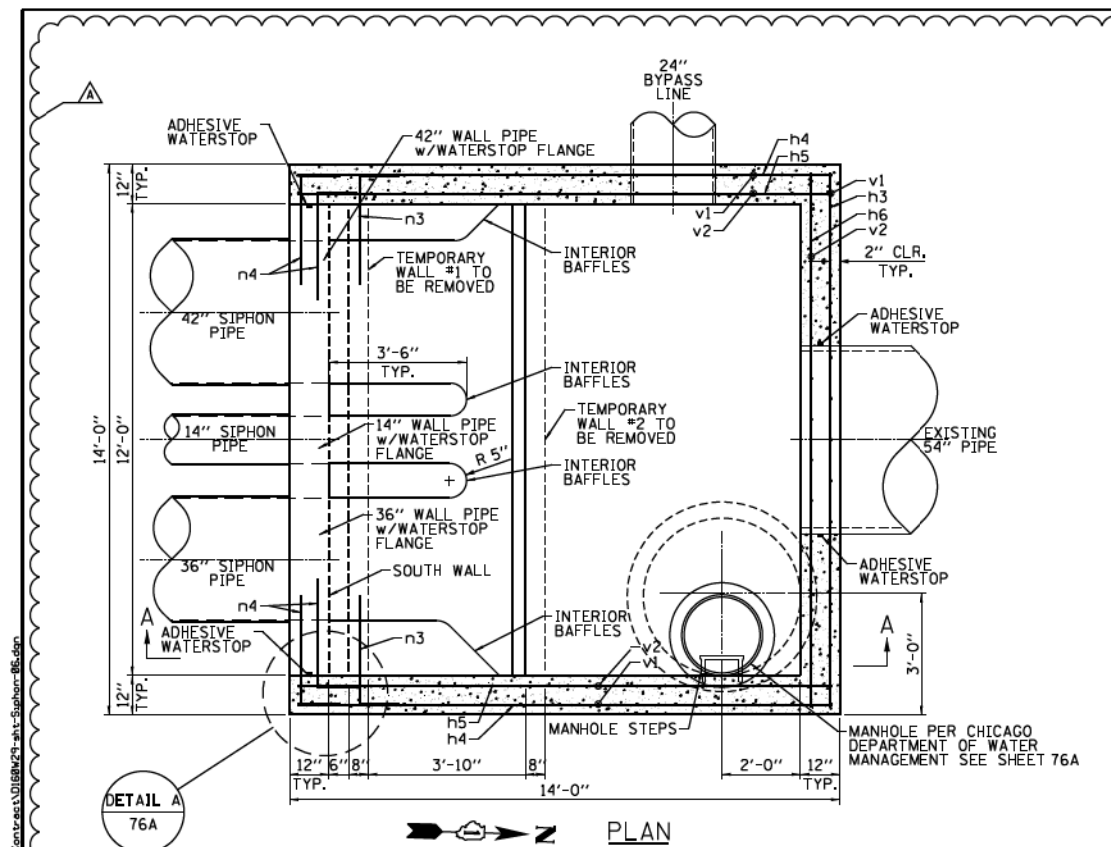
F.A.I. RTE. 90/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 93M
				CONTRACT NO. 60X95
ILLINOIS FED. AID PROJECT				



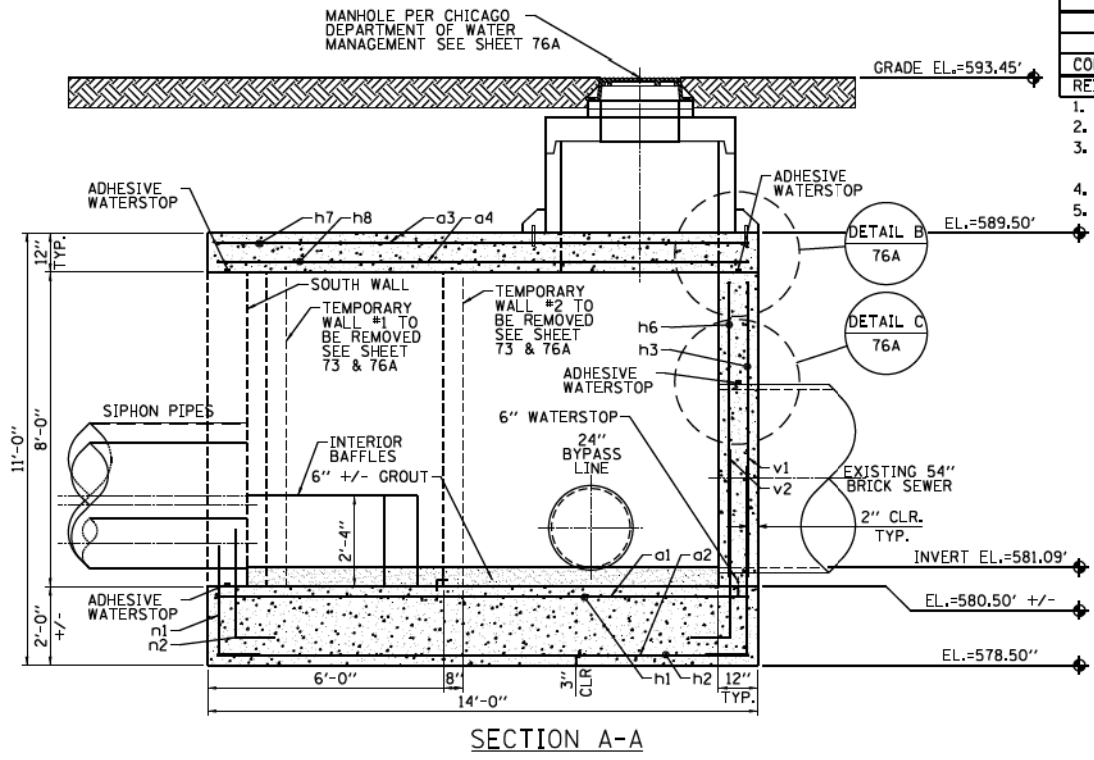
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PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
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	NOTATIONS	
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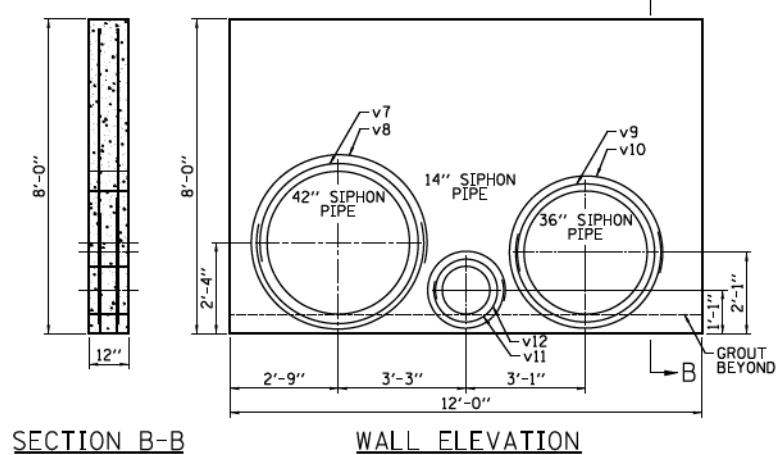
DETAIL A  
76A



SECTION A-A  
PROPOSED OUTLET JUNCTION BOX  
SCALE: 3/16"=1'-0"

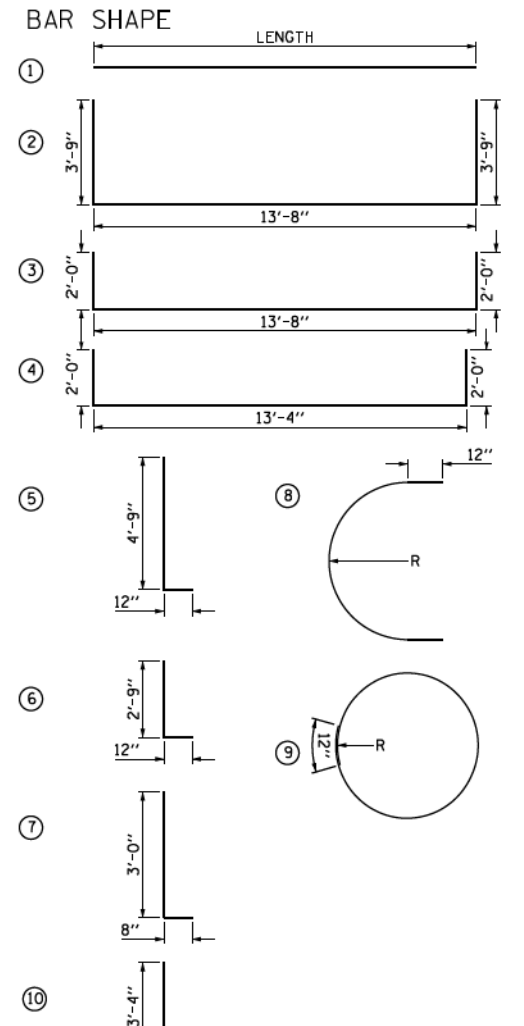
BILL OF MATERIAL (FOR INFORMATION ONLY)					
BAR MARK	NO.	SIZE	LENGTH	SHAPE	NOTES
a1	15	#5	13'-8"	1	SLAB LONG TOP
a2	15	#5	21'-2"	2	SLAB LONG BOTTOM
a3	15	#5	13'-8"	1	LID LONG TOP
a4	45	#5	13'-8"	1	LID LONG BOTTOM
h1	15	#5	13'-8"	1	SLAB TRANS TOP
h2	15	#5	21'-2"	2	SLAB TRANS BOTTOM
h3	9	#5	17'-8"	3	N WALL HOR OUTSIDE
h4	18	#5	13'-8"	1	E & W WALL HOR OUTSIDE
h5	18	#5	15'-0"	4	E & W WALL HOR INSIDE
h6	9	#5	15'-0"	1	N WALL HOR INSIDE
h7	15	#5	13'-8"	1	LID TRANS TOP
h8	45	#5	13'-8"	1	LID TRANS BOTTOM
h9	9	#5	11'-8"	1	DIVIDER WALL #1 HOR
h10	9	#5	11'-8"	1	DIVIDER WALL #2 HOR
h11	18	#5	11'-8"	1	S WALL HOR INSIDE & OUTSIDE
n1	56	#5	5'-9"	5	SLAB DOWELL OUTSIDE
n2	96	#5	5'-9"	5	SLAB DOWELL INSIDE
n3	18	#5	3'-8"	6	DIVIDER WALL #1 DOWELL
n4	36	#5	3'-8"	7	S WALL DOWELL BARS
v1	56	#5	7'-8"	1	WALL VERT OUTSIDE
v2	48	#5	7'-8"	1	WALL VERT INSIDE
v3	13	#5	7'-4"	1	DIVIDER WALL #1 VERT
v4	13	#5	7'-4"	1	DIVIDER WALL #2 VERT
v5	4	#5	10'-8"	8	54" PIPE OPENING REINF.
v6	4	#5	19'-4"	8	54" PIPE OPENING REINF.
v7	2	#5	13'-10"	9	42" PIPE OPENING REINF.
v8	2	#5	14'-11"	9	42" PIPE OPENING REINF.
v9	2	#5	12'-3"	9	36" PIPE OPENING REINF.
v10	2	#5	13'-4"	9	36" PIPE OPENING REINF.
v11	2	#5	6'-3"	9	14" PIPE OPENING REINF.
v12	2	#5	7'-3"	9	14" PIPE OPENING REINF.
v13	2	#5	8'-10"	9	24" BYPASS OPENING REINF.
v14	2	#5	9'-11"	9	24" BYPASS OPENING REINF.
v15	2	#5	15'-2"	9	48" MANHOLE RISER REINF.
v16	2	#5	16'-9"	9	48" MANHOLE RISER REINF.
CONCRETE STRUCTURES		CU YD	41.9		
REINFORCEMENT BARS		POUND	6605		

- COST OF CONCRETE STRUCTURES AND REINFORCEMENT BARS IS INCLUDED WITH SIPHON RECONSTRUCTION.
- REINFORCEMENT BARS IN PIPE OPENINGS HAVE NOT BEEN SUBTRACTED FROM BILL OF MATERIALS.
- MANHOLE RISER PIPE 48" RCP PIPE SECTION PER CHICAGO DEPARTMENT OF WATER MANAGEMENT (CDWM), INCLUDED IN PLANS.
- MANHOLE RISER AND MANHOLE LID PER CHICAGO DEPARTMENT OF WATER MANAGEMENT, INCLUDED IN PLANS.
- MANHOLE STEPS PER CHICAGO DEPARTMENT OF WATER MANAGEMENT, INCLUDED IN PLANS.



SOUTH WALL DETAIL  
SCALE: 3/16"=1'-0"

- NOTES:
- ALL DIMENSIONS, ELEVATIONS AND PIPE SIZES SHOWN HAVE BEEN TAKEN FROM RECORD DRAWINGS TITLED (INCLUDED IN THE PLANS);  
WEST ROUTE SUPER HIGHWAY  
PLANS FOR PEORIA STREET BRIDGE SECTION 2525.1B  
F.A.ROUTE NO. 131 PROJECT U1261(29)  
APPROVED JULY 1, 1949
  - CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS AND SIZES PRIOR TO CONSTRUCTION OR DEMOLITION AND REPORT DISCREPANCIES TO THE ENGINEER BEFORE PROCEEDING
  - CONDITION OF THE EXISTING 54" BRICK COMBINED SEWER PIPE IS EXPECTED TO BE GOOD AND THE EXTERIOR SURFACE SUITABLE FOR APPLICATION OF AN ADHESIVE WATER STOP SYSTEM.
  - DUCTILE IRON PIPES CONNECTING TO THE EXISTING CAST IRON PIPES SHALL BE CLOSELY MATED AND THE JOINT SEALED WITH RAN-NEK SEALANT OR EQUAL. THE JOINT SHALL BE SEALED FLUSH WITH AN EPOXY GROUT OR EQUAL.
  - PIPE SHALL BE FULLY SUPPORTED WITH A MINIMUM SPACE OF 6" FOR PIPE ENCASEMENT CONCRETE.
  - NEW DIP PIPES CONNECTING TO THE EXISTING SIPHON PIPES SHALL BE FULLY SUPPORTED SO THAT NO WEIGHT IS PLACED ON THE EXISTING PIPES.
  - ADHESIVE WATERSTOP SHALL BE APPLIED TO ALL FORMED SURFACES REQUIRED TO BE WATER TIGHT.
  - CENTER BULB WATER STOP SHALL BE CAST INTO ALL CAST JOINTS REQUIRED TO BE WATER TIGHT.
  - THREADED REINFORCEMENT CASTINGS SHALL BE LENTON OR APPROVED EQUAL. PLUGS SHALL BE USED ON ALL COUPLERS.
  - WALL PIPE ASSEMBLIES SHALL BE DUCTILE IRON WITH WATERSTOP RINGS.



CONTRACT 60W29 2014

**FOR REFERENCE ONLY**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-011R	COOK	356	76
CONTRACT NO. 60W29				
ILLINOIS FED. AID PROJECT				

**TranSystems**

D160M29-sht-Siphon-06.dgn	DESIGNED - JEH	REVISED - 12/18/2013
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PLOT SCALE = 100.0000' / in.	CHECKED - JWC	REVISED -
PLOT DATE = 12/19/2013	DATE - 10/30/2013	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCALE: NONE SHEET 7 OF 11 SHEETS STA. TO STA.

**TranSystems**

USER NAME = vjanachone	DESIGNED - BSH	REVISED -
	DRAWN - BSH	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - MFD	REVISED -
PLOT DATE = 7/12/2017	DATE - 7/14/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCALE: NONE SHEET NO. 14 OF 33 SHEETS STA. TO STA.

RECORD PLANS FROM CONTRACT 60W29  
PEORIA STREET

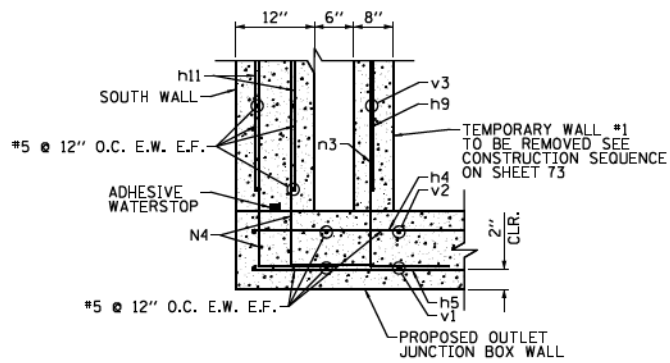
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2014-016R&B	COOK	378	93N
CONTRACT NO. 60X95				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NOTE BOOK NO.	
	CHECKED	
	FILE NAME	

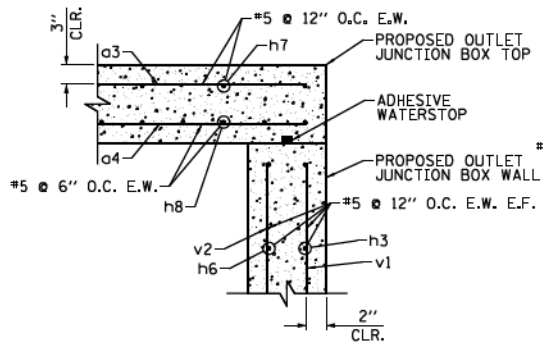
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	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NOTE BOOK NO.	
	CHECKED	
	FILE NAME	

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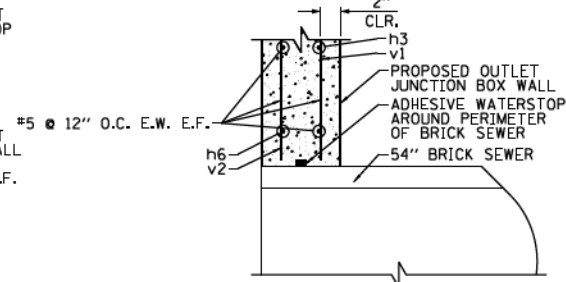
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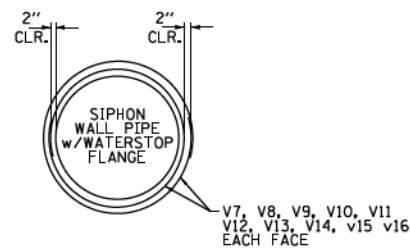
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SCALE: 3/8"=1'-0"



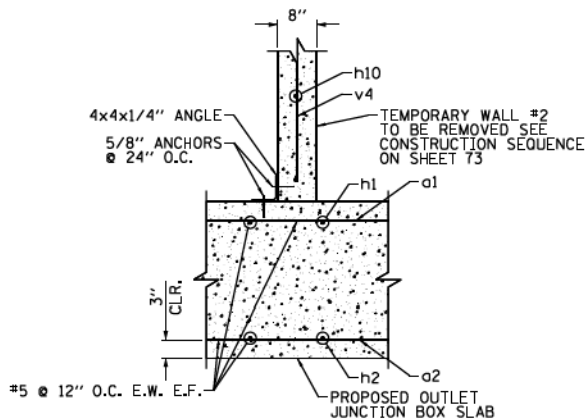
DETAIL "B"  
SIPHON OUTLET BOX LID DETAIL  
SCALE: 3/8"=1'-0"



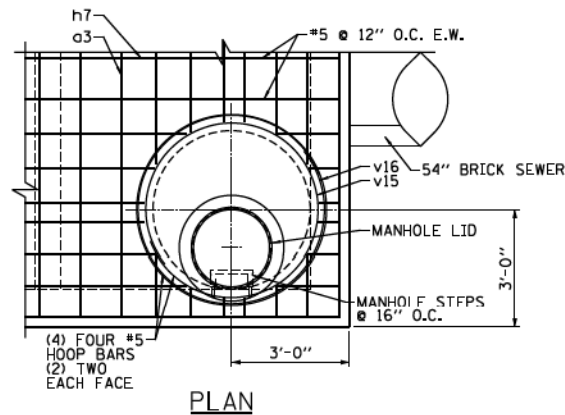
DETAIL "C"  
BRICK SEWER CONNECTION DETAIL  
SCALE: 3/8"=1'-0"



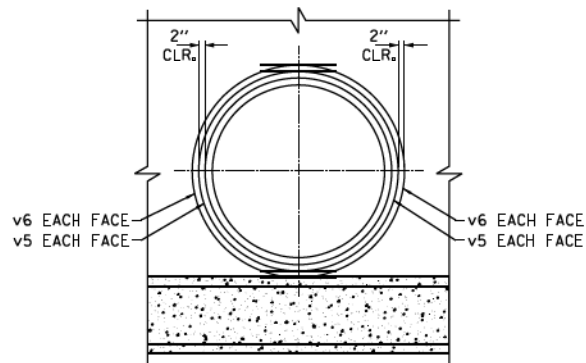
WALL PIPE REINFORCEMENT DETAIL  
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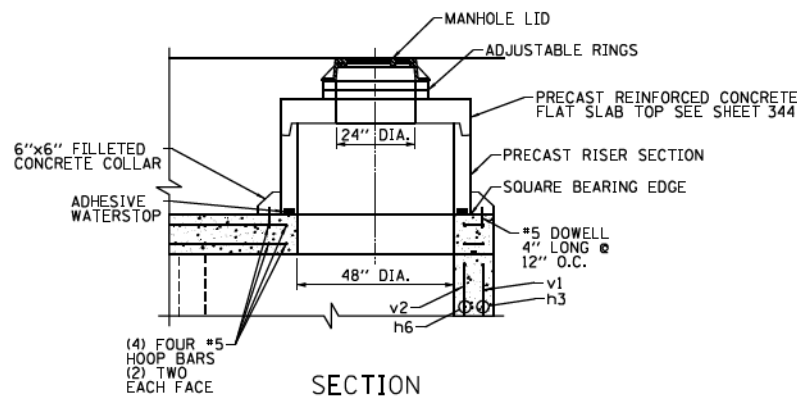
TEMPORARY WALL #2 DETAIL  
SCALE: 3/8"=1'-0"



PLAN



BRICK SEWER  
WALL PIPE REINFORCEMENT DETAIL  
SCALE: 3/16"=1'-0"



SECTION  
MANHOLE DETAIL  
SCALE: 3/16"=1'-0"

NOTES:

- ALL DIMENSIONS, ELEVATIONS AND PIPE SIZES SHOWN HAVE BEEN TAKEN FROM RECORD DRAWINGS TITLED (INCLUDED IN THE PLANS);
- WEST ROUTE SUPER HIGHWAY PLANS FOR PEORIA STREET BRIDGE SECTION 2525.1B F.A.ROUTE NO. 131 PROJECT U1261(29) APPROVED JULY 1, 1949
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- WALL PIPE ASSEMBLIES SHALL BE DUCTILE IRON WITH WATERSTOP RINGS.

CONTRACT 60W29 2014 FOR REFERENCE ONLY



D160W29-sht-Siphon-08A.dgn	DESIGNED - JEH	REVISED - 12/18/2013
USER NAME = BAW:stort	DRAWN - CWD	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - JWC	REVISED -
PLOT DATE = 12/19/2013	DATE - 10/30/2013	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SIPHON OUTLET BOX DETAILS  
PEORIA STREET  
SCALE: NONE SHEET 7A OF 11 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-01R	COUNTY COOK	TOTAL SHEETS 356	SHEET NO. 76A
CONTRACT NO. 60W29				ILLINOIS FED. AID PROJECT



USER NAME = vjanachione	DESIGNED - BSH	REVISED -
	DRAWN - BSH	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - MFD	REVISED -
PLOT DATE = 7/12/2017	DATE - 7/14/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

RECORD PLANS FROM CONTRACT 60W29  
PEORIA STREET  
SCALE: NONE SHEET NO. 15 OF 33 SHEETS STA. TO STA.

F.A.I. RTE. 90/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 930
CONTRACT NO. 60X95				ILLINOIS FED. AID PROJECT



Bench Mark: Chisel "X" on S. Flange bolt of F.H. on W. side of Peoria Street first F.H. S. of Van Buren Street.  
Elev. 594.37  
The walkway will be open to pedestrians during construction.

**GENERAL NOTES**

1. Reinforcement bars designated (E) shall be epoxy coated.
2. All construction joints shall be bonded.
3. Minimum bar laps shall be:  
Bar Min. Lap  
#4 2'-7"  
#5 3'-3"
4. Station and offsets are measured from the baseline of Peoria Sidewalk to the base of the front face of the wall.
5. Exposed concrete edges shall have a standard 3/4" chamfer unless otherwise noted. Chamfer on vertical edges shall be continued a minimum of 1 foot below the finished ground line.
6. Protective Coat shall be applied to all exposed faces of Retaining Walls 1 and 2.
7. Contractor shall verify the locations of all utilities prior to drilling retaining wall foundations and shall respace shafts accordingly.
8. All excavation except the holes for the Drilled Shaft Concrete Foundations shall be included in the cost of Earth Excavation.

**TOTAL BILL OF MATERIAL**

Item	Unit	Total Quantity
Concrete Structures	Cu. Yd.	50.4
Rubbed Finish	Sq. Ft.	1,328
Protective Coat	Sq. Yd.	249
Reinforcement Bars, Epoxy Coated	Pound	5,090
Drilled Shaft Concrete Foundations	Cu. Yd.	21.3
Precast Wall Type A	Foot	91
Precast Wall Type B	Foot	41
Precast Wall Type C	Foot	110



*Wang*  
DAJIN LIU, P.E., S.E.  
NO. 081-005944  
EXP. DATE 11/30/2014  
8/15/14

**INDEX OF SHEETS**

- 1 General Plan - South Retaining Walls
- 2 Retaining Wall 1 - Plan and Elevation
- 3 Retaining Wall 2 - Plan and Elevation
- 4 Precast Wall Type A and B Details 1
- 5 Precast Wall Type A and B Details 2
- 6 Precast Wall Type C Details
- 7 Boring Logs

**LOADING (SEAT WALL)**

Live Load = 100 psf or  
200 lbs Concentrated Load

**DESIGN SPECIFICATIONS**

2012 AASHTO LRFD Bridge Design Specifications  
6th Edition, with 2013 Interim Revisions

**DESIGN STRESSES**

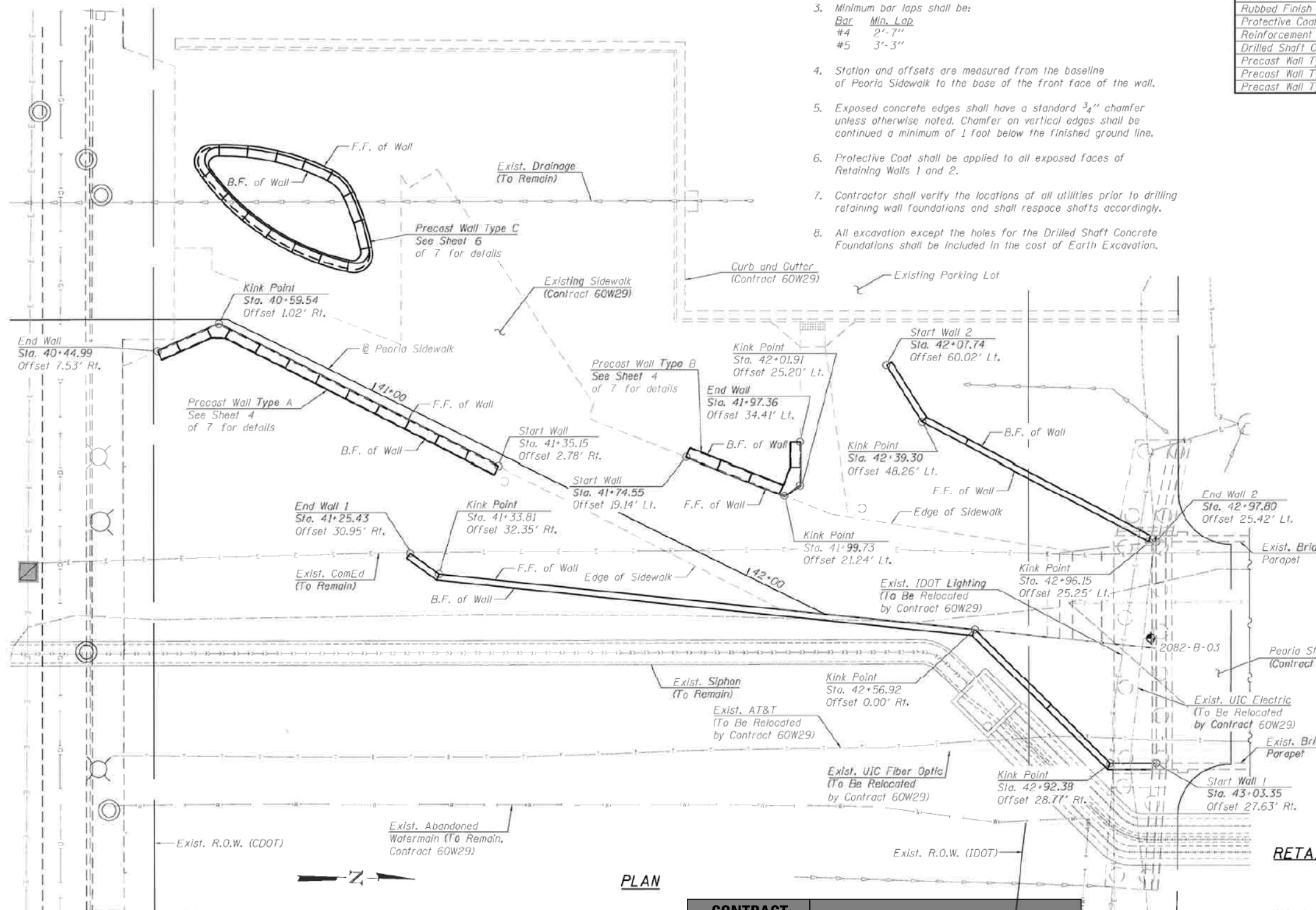
**FIELD UNITS**  
f'c = 3,500 psi  
fy = 60,000 psi (Reinforcement)

**PRECAST UNITS**  
f'c = 5,000 psi



**LOCATION SKETCH**

**GENERAL PLAN  
RETAINING WALL ALONG PEORIA STREET  
MUN 2090 SECTION 2013-0741  
COOK COUNTY  
WALL 1 - STATION 41+25.43 TO 43+03.35  
WALL 2 - STATION 42+07.74 TO 42+97.80**



**PLAN**

Notes:  
F.F. denotes Front Face  
B.F. denotes Back Face

**CONTRACT 60X62 2014 FOR REFERENCE ONLY**

	USER NAME = BAW101r1	DESIGNED WJC	REVISED	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL PLAN SOUTH RETAINING WALLS</b> SHEET NO. 1 OF 7 SHEETS	MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 25,0000' / 1 in.	CHECKED DL	REVISED			2090	2013-0741	COOK	58	48	
	PLOT DATE = 8/19/2014	DRAWN WJC	REVISED			CONTRACT NO. 60X62		ILLINOIS FED. AID PROJECT			
		CHECKED DL/KAH	REVISED								

	USER NAME = vjanachione	DESIGNED - BSH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>RECORD PLANS FROM CONTRACT 60X62 PEORIA STREET</b> SCALE: NONE SHEET NO. 17 OF 33 SHEETS STA. TO STA.	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 100,0000' / 1 in.	DRAWN - BSH	REVISED -			90/94	2014-016R&B	COOK	378	930	
	PLOT DATE = 7/12/2017	CHECKED - MFD	REVISED -			CONTRACT NO. 60X95		ILLINOIS FED. AID PROJECT			
		DATE - 7/14/2017	REVISED -								

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	FILE NAME	

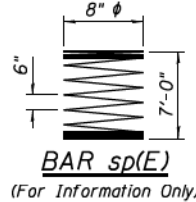
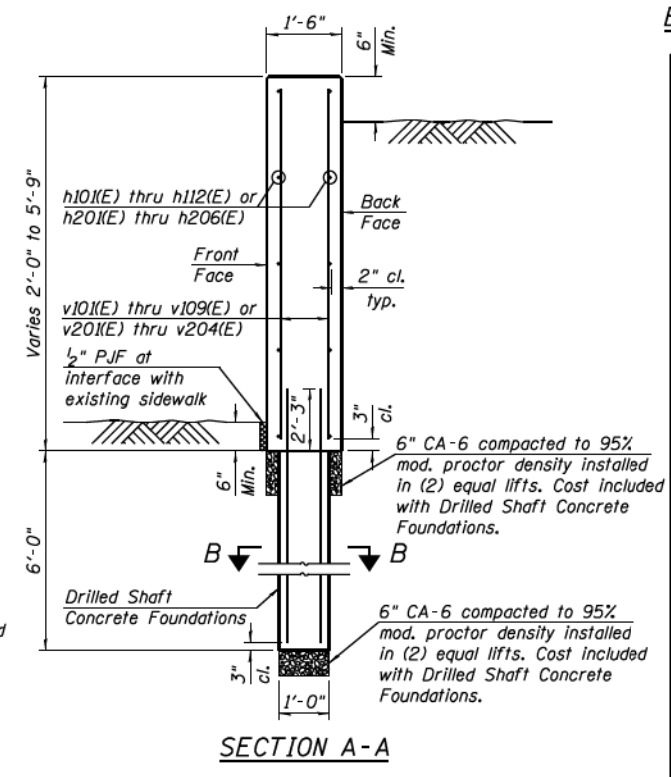
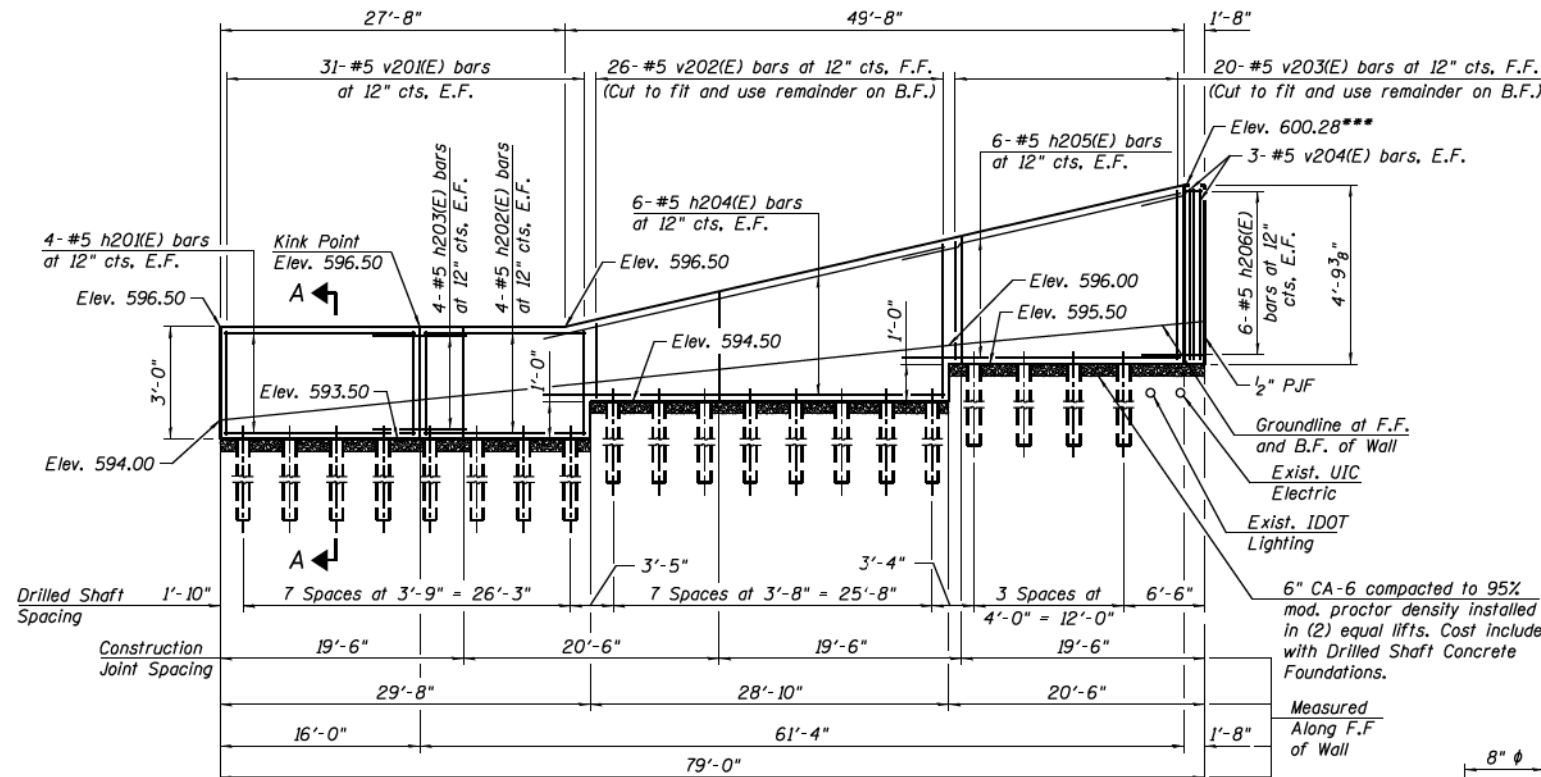
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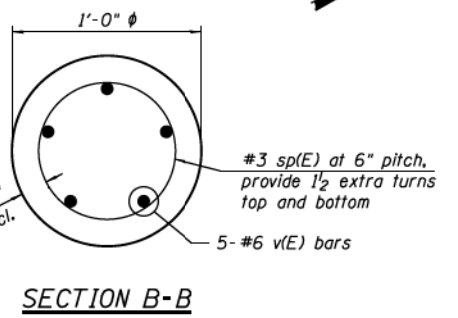
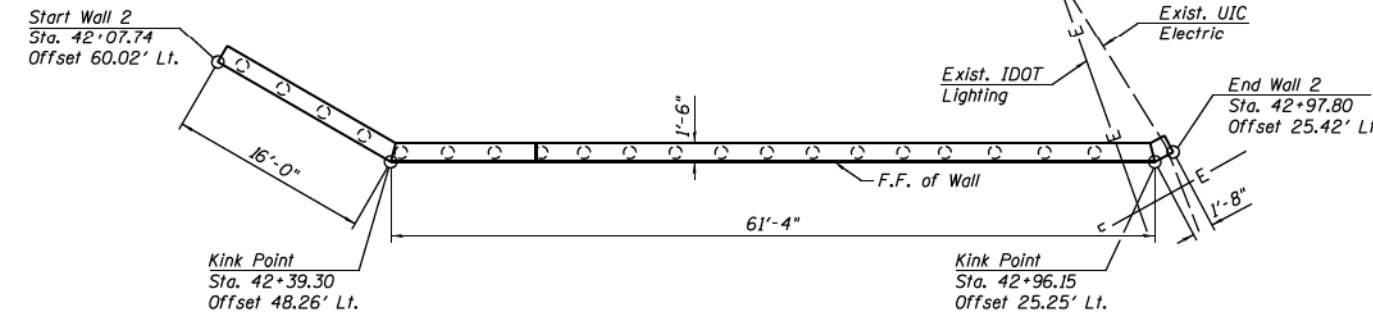


DATE	
BY	
PLAN	SURVEYED
	PLOTTED
	NOTE BOOK
	GRADES CHECKED
	STRUCTURE NOTATIONS OK'D
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DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	NOTE BOOK
	GRADES CHECKED
	STRUCTURE NOTATIONS OK'D
	CADD FILE NAME
	NO.



**MIN. LAP**  
#5 3'-3"



**BARS h103(E), h106(E), h111(E), h203(E) and h206(E)**

Bar	A	B	C
h103(E)	3'-11"	3'-11"	2'-9 1/4"
h106(E)	3'-11"	3'-11"	2'-5 5/8"
h111(E)	3'-10"	3'-10"	1'-10 7/8"
h203(E)	3'-10"	3'-10"	1'-11"
h206(E)	3'-6"	1'-2"	6 1/2"

**FIELD CUTTING TABLE**

Bar	A	B	C	D	E
v103(E)	7'-10"	2'-8"	5'-2"	2'-8"	21
v105(E)	4'-10"	2'-2"	2'-8"	2'-2"	23
v106(E)	3'-7"	1'-5"	2'-2"	1'-5"	40
v107(E)	4'-6"	1'-5"	3'-1"	1'-5"	42
v108(E)	7'-3"	3'-1"	4'-2"	3'-1"	28
v202(E)	5'-9"	1'-9"	4'-0"	1'-9"	26
v203(E)	7'-4"	3'-0"	4'-4"	3'-0"	20

**BILL OF MATERIAL - WALLS 1 & 2**

Bar	No.	Size	Length	Shape
h101(E)	12	#5	10'-8"	—
h102(E)	2	#5	9'-8"	—
h103(E)	14	#5	7'-10"	—
h104(E)	8	#5	45'-3"	—
h105(E)	6	#5	19'-10"	—
h106(E)	8	#5	7'-10"	—
h107(E)	8	#5	21'-6"	—
h108(E)	8	#5	41'-10"	—
h109(E)	10	#5	41'-2"	—
h110(E)	12	#5	26'-9"	—
h111(E)	12	#5	7'-8"	—
h112(E)	12	#5	8'-2"	—
h201(E)	8	#5	15'-3"	—
h202(E)	8	#5	12'-11"	—
h203(E)	8	#5	7'-8"	—
h204(E)	12	#5	32'-2"	—
h205(E)	12	#5	22'-5"	—
h206(E)	12	#5	4'-8"	—
v101(E)	4	#5	4'-6"	—
v102(E)	20	#5	5'-2"	—
v103(E)	21	#5	7'-10"	—
v104(E)	54	#5	2'-8"	—
v105(E)	23	#5	4'-10"	—
v106(E)	40	#5	3'-7"	—
v107(E)	42	#5	4'-6"	—
v108(E)	28	#5	7'-3"	—
v109(E)	20	#5	4'-2"	—
v201(E)	62	#5	2'-7"	—
v202(E)	26	#5	5'-9"	—
v203(E)	20	#5	7'-4"	—
v204(E)	6	#5	4'-4"	—
<b>Concrete Structures</b>				
Rubbed Finish				
Sq. Ft. 1,328				
Protective Coat				
Sq. Yd. 249				
Reinforcement Bars, Epoxy Coated				
Pound 5,090				
Drilled Shaft Concrete Foundations				
Cu. Yd. 11.9				

**CONTRACT 60X62 2014 FOR REFERENCE ONLY**

**BILL OF MATERIAL - DRILLED SHAFTS (WALLS 1 & 2)**  
(For Information Only)

Bar	No.	Size	Length	Shape
sp(E)	67	#3	7'-0"	—
v(E)	335	#6	8'-0"	—
<b>Reinforcement Bars, Epoxy Coated</b>				
Pound 4,785				

\* Length is height of spiral

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USER NAME = BAWITort	DESIGNED WJC	REVISED
CHECKED DL	REVISED	
PLOT SCALE = 14.0000' / in.	DRAWN WJC	REVISED
PLOT DATE = 8/19/2014	CHECKED DL/KAH	REVISED

**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

**RETAINING WALL 2 PLAN AND ELEVATION**  
SHEET NO. 3 OF 7 SHEETS

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-0741	COOK	58	50
CONTRACT NO. 60X62				
ILLINOIS FED. AID PROJECT				



USER NAME = vjanachione	DESIGNED - BSH	REVISED -
DRAWN - BSH	REVISED -	
PLOT SCALE = 100.0000' / in.	CHECKED - MFD	REVISED -
PLOT DATE = 7/12/2017	DATE - 7/14/2017	REVISED -

**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

**RECORD PLANS FROM CONTRACT 60X62 PEORIA STREET**

SCALE: NONE SHEET NO. 19 OF 33 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2014-016R&B	COOK	378	935
CONTRACT NO. 60X95				
ILLINOIS FED. AID PROJECT				

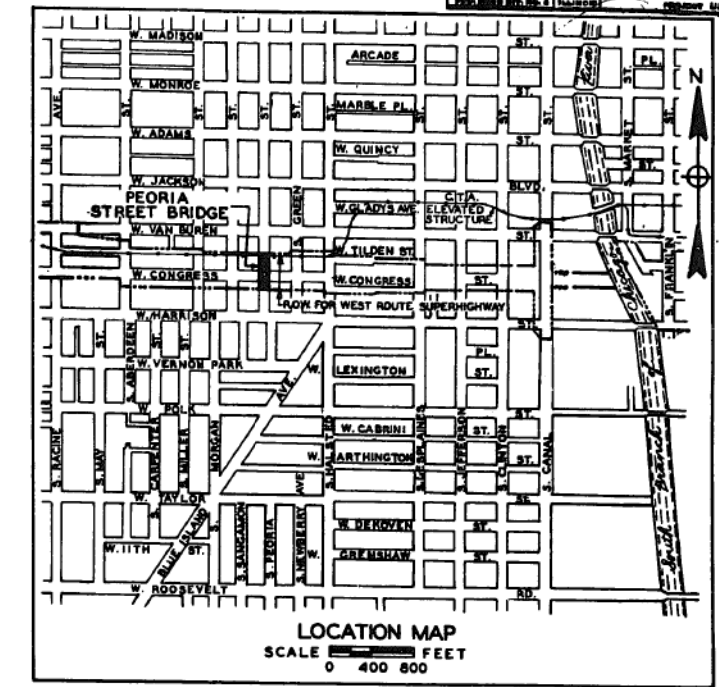
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A. 181	2525.1-1B	COOK	30	1

INDEX OF SHEETS

- SHEET NO
- 1 TITLE SHEET
  - 2 LOCATION PLAN AND PROFILE
  - 3 EXCAVATION AND BACKFILL PAY LIMITS
  - 4 DESIGN DATA
  - 5 STEEL FRAMING PLAN
  - 6 GIRDER DETAILS
  - 7 STRUCTURAL STEEL DETAILS
  - 8 GIRDER BEARINGS
  - 9 EXPANSION JOINTS
  - 10 PILING PLAN
  - 11 PIERS
  - 12 SOUTH ABUTMENT
  - 13 NORTH ABUTMENT
  - 14 SOUTH WING WALLS
  - 15 CONCRETE DECK DETAILS
  - 16 DECK REINFORCEMENT
  - 17 BAR LIST
  - 18 ARCHITECTURAL FINISH
  - 19 RAILING DETAILS
  - 20 SEWER SIPHON GENERAL PLAN AND PROFILE
  - 21 INLET JUNCTION CHAMBER SPECIAL PIPE FITTINGS
  - 22 OUTLET JUNCTION CHAMBER SEWER DETAILS
  - 23 PAVEMENT DETAILS
  - 24 MISCELLANEOUS TIMBER DETAILS
  - 25 MANHOLE FRAMES AND COVERS MISCELLANEOUS STEEL
  - 27 SEWER AND SIPHON CONCRETE AND REINFORCEMENT DETAILS
  - 28 INLET JUNCTION CHAMBER REINFORCEMENT DETAILS
  - 29 OUTLET JUNCTION CHAMBER REINFORCEMENT DETAILS
  - 30 BAR LIST FOR SIPHON

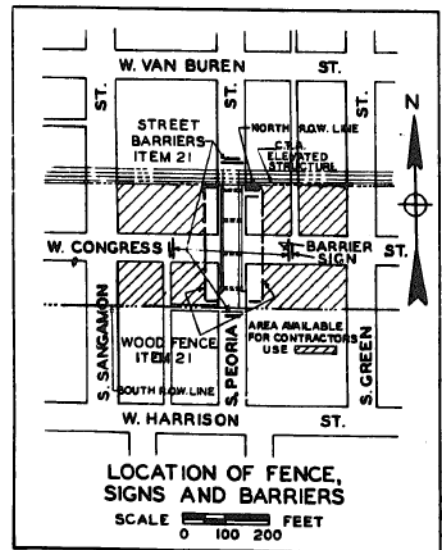
STATE OF ILLINOIS  
CITY OF CHICAGO  
DEPARTMENT OF SUBWAYS AND SUPERHIGHWAYS

WEST ROUTE SUPERHIGHWAY  
PLANS FOR  
PEORIA STREET BRIDGE  
SECTION 2525.1-1B  
F.A. ROUTE NO. 131 PROJECT UI 261(29)



SUMMARY OF QUANTITIES

ITEM NO.	UNIT	QUANTITY	DESCRIPTION
1	CUYDS.	15,500	SPECIAL EXCAVATION
2	CUYDS.	1,550	BACKFILL
3	CUYDS.	2,100	CLASS X CONCRETE
4	LBS.	200,000	REINFORCEMENT BARS
5	LBS.	800,000	STRUCTURAL STEEL
6	LIN. FT.	12,838	FURNISHING TREATED PILES, 20.1 TO 38 FEET LONG
7	LIN. FT.	12,838	DRIVING TIMBER PILES, 36 FEET LONG
8	EACH	4	TEST PILES
9	LBS.	340,000	STEEL SHEETING AND BRACING
10	LBS.	9,300	ALUMINUM RAILING
11	TONS	80	BITUMINOUS CONCRETE BINDER COURSE
12	TONS	80	SHEET ASPHALT SURFACE COURSE, SUBCLASS J-1
13	SQ. YDS.	850	BITUMINOUS MACADAM PAVEMENT
14	LBS.	24,000	CAST IRON PIPE, 12 FEET AND OVER IN LENGTH
15	LBS.	2,500	CAST IRON PIPE, OVER 3 FEET AND LESS THAN 12 FEET IN LENGTH
16	LBS.	38,000	CAST IRON PIPE, 3 FEET OR LESS IN LENGTH, AND FITTINGS
17	LIN. FT.	330	36-INCH REINFORCED CONCRETE PIPE
18	LIN. FT.	300	42-INCH REINFORCED CONCRETE PIPE
19	LBS.	5,200	MISCELLANEOUS IRON CASTINGS
20	LBS.	800	MISCELLANEOUS STEEL
21	M. FT. B.M.	11	MISCELLANEOUS TIMBER
22	EACH	2	SHORING OF ELEVATED COLUMNS
23	LIN. FT.	5,600	3 1/2-INCH CONDUIT
24	LIN. FT.	2,100	4-INCH CONDUIT
25	MONTHS	12	PUMPING



RECOMMENDED FOR APPROVAL DATE \_\_\_\_\_

DISTRICT ENGINEER  
PUBLIC ROADS ADMINISTRATION  
FEDERAL WORKS AGENCY

APPROVED \_\_\_\_\_ DATE \_\_\_\_\_

DIVISION ENGINEER  
PUBLIC ROADS ADMINISTRATION  
FEDERAL WORKS AGENCY

CONVENTIONAL SIGNS

- COMMONWEALTH EDISON CO. \_\_\_\_\_
- WESTERN UNION CO. \_\_\_\_\_
- WATER \_\_\_\_\_
- GAS \_\_\_\_\_
- SEWER \_\_\_\_\_
- SEWER MANHOLE (Symbol) \_\_\_\_\_
- CATCH BASIN (Symbol) \_\_\_\_\_
- VALVE VAULT (Symbol) \_\_\_\_\_
- LIGHT STANDARD (Symbol) \_\_\_\_\_
- FIRE HYDRANT (Symbol) \_\_\_\_\_
- R.O.W. LINE \_\_\_\_\_

APPROVED JULY 1, 1949

*J. E. Gumbach*  
COMMISSIONER OF SUBWAYS AND SUPERHIGHWAYS

THE DEPARTMENT OF  
PUBLIC WORKS AND BUILDINGS  
DIVISION OF HIGHWAYS

PASSED \_\_\_\_\_ 19\_\_\_\_

APPROVED \_\_\_\_\_ 19\_\_\_\_  
BRIDGE ENGINEER

APPROVED \_\_\_\_\_ 19\_\_\_\_  
ENGINEER OF DESIGN

APPROVED \_\_\_\_\_ 19\_\_\_\_  
CHIEF HIGHWAY ENGINEER

APPROVED \_\_\_\_\_ 19\_\_\_\_  
DIRECTOR

PLANS APPROVED  
BY STATE DIVISION OF HIGHWAYS

ORIGINAL CONSTRUCTION 1949  
FOR REFERENCE ONLY

SHEET NO 1

PLAN

DATE	
BY	
REVIEWED	
PLOTTED	
NOTE BOOK NO.	
CHECKED	
FILE NAME	

PROFILE

DATE	
BY	
REVIEWED	
PLOTTED	
NOTE BOOK NO.	
CHECKED	
FILE NAME	

FILE NAME = c:\pwork\king\secom00\1\_janachione\0162092-sht.-E.-Siphon-01.dgn



USER NAME = v1janachione	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/12/2017	DATE = 7/14/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

AS BUILT SIPHON PLANS  
PEORIA STREET

SCALE: NONE SHEET NO. 20 OF 33 SHEETS STA. TO STA.

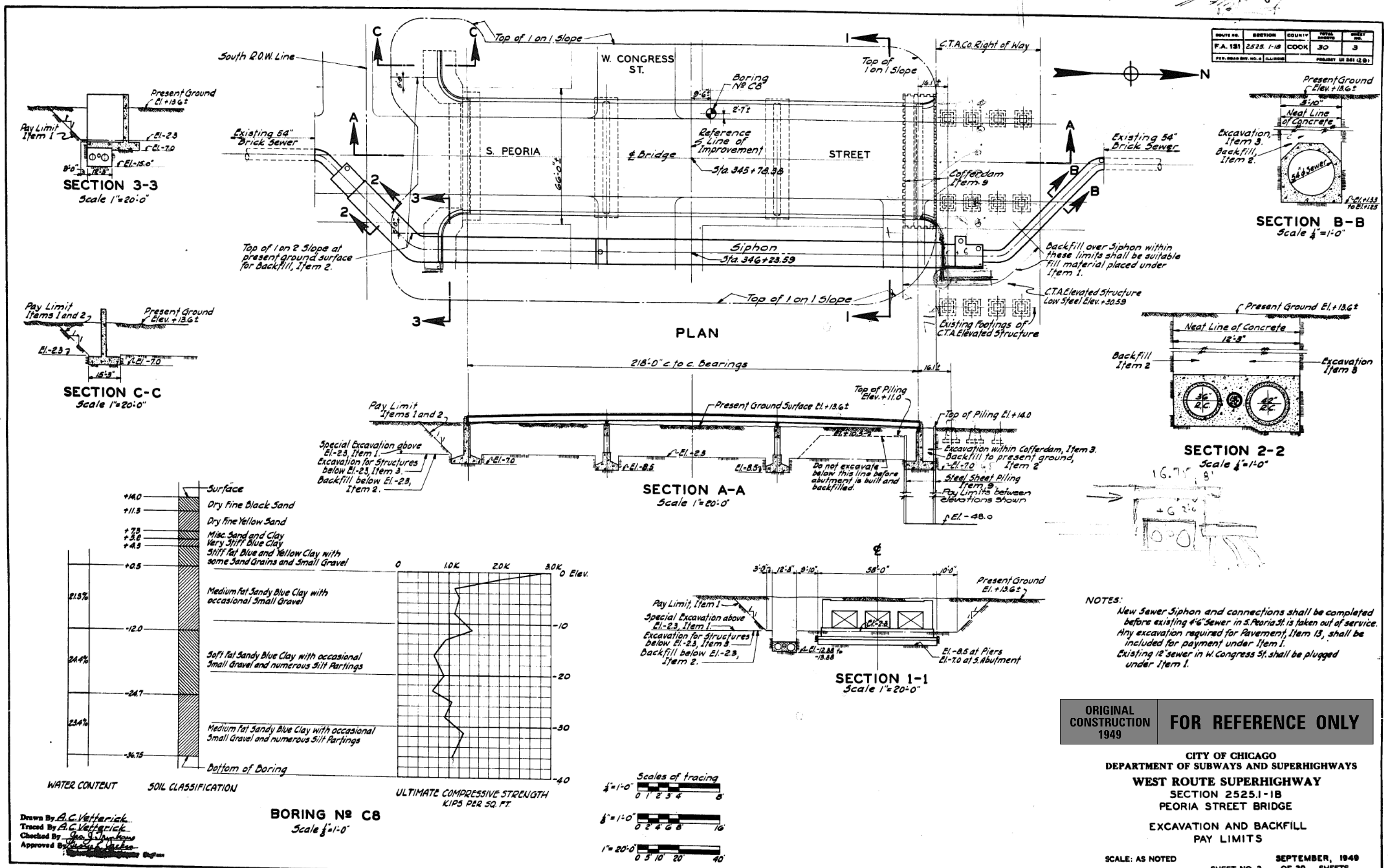
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2014-016R&B	COOK	378	93T
				CONTRACT NO. 60X95
ILLINOIS FED. AID PROJECT				



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A. 131	2525.1-1B	COOK	30	3
FED. ROAD DIST. NO. 6 ILLINOIS			PROJECT 12 561 (20)	

DATE	BY	SURVEYED	PLOTTED	CHECKED	ALIGNED	DESIGNED
PLAN	NO. BOOK	NO. FILE	NO. FILE	NO. FILE	NO. FILE	NO. FILE

DATE	BY	SURVEYED	PLOTTED	CHECKED	ALIGNED	DESIGNED
PROFILE	NO. BOOK	NO. FILE	NO. FILE	NO. FILE	NO. FILE	NO. FILE



**ORIGINAL CONSTRUCTION 1949**      **FOR REFERENCE ONLY**

**CITY OF CHICAGO**  
DEPARTMENT OF SUBWAYS AND SUPERHIGHWAYS  
**WEST ROUTE SUPERHIGHWAY**  
SECTION 2525.1-1B  
PEORIA STREET BRIDGE  
EXCAVATION AND BACKFILL  
PAY LIMITS  
SCALE: AS NOTED      **SEPTEMBER, 1949**  
SHEET NO. 3 OF 30 SHEETS



USER NAME = vjanachione	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/12/2017	DATE = 7/14/2017	REVISED -

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

**AS BUILT SIPHON PLANS**  
**PEORIA STREET**

SCALE: NONE      SHEET NO. 22 OF 33 SHEETS      STA.      TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAT 90/94	2014-016R&B	COOK	378	93V
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X95	



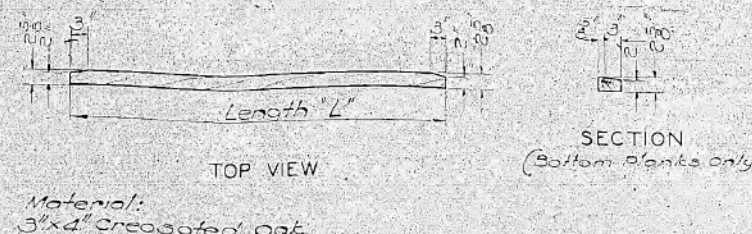
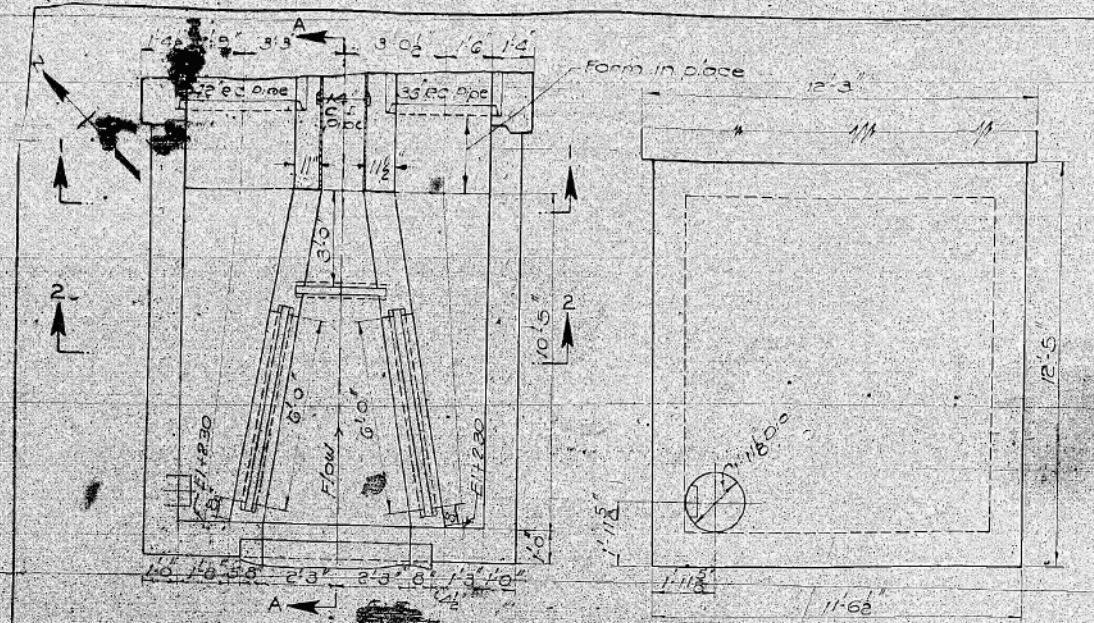




PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NOTE BOOK NO.	
	CADD FILE NAME	

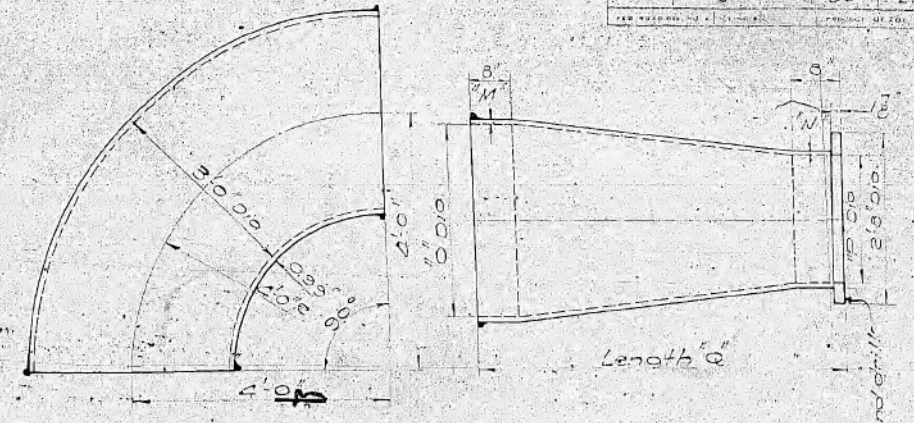
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	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NOTE BOOK NO.	
	CADD FILE NAME	

FILE NAME = c:\pwork\working\seccm00\1\_janachone\0162092-int-E-Siphon-05.dgn



Junction Chamber		Bottom Planks	
Required	Length	Required	Length
12	1'-3"	1	1'-3"
12	2'-8"	1	2'-8"
12	2'-9"	1	2'-9"
12	3'-3"	1	3'-3"
10	6'-3"	2	6'-3"

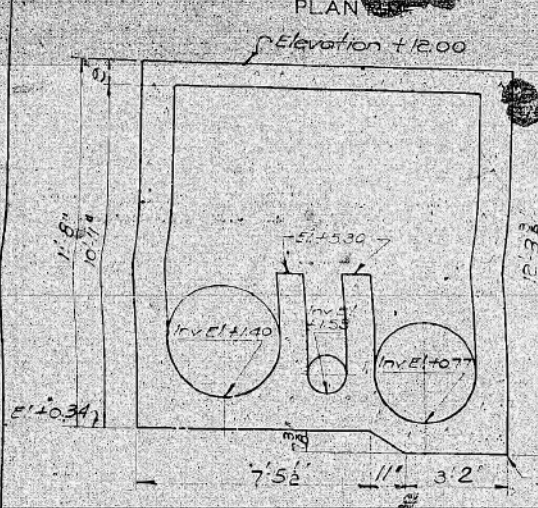
**STOP PLANKS**  
Scale: 3/4"=1'-0"  
Item 21



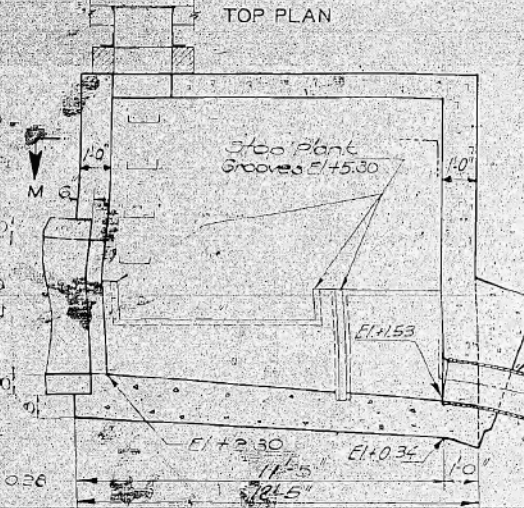
**36" S & S 1/4 BEND**  
1 Required  
Scale: 3/4"=1'-0"  
Item 16  
Cast Iron

Required	M	N	O	P	Length
1	1'-0"	0'-7 1/2"	3'-6"	2'-0"	5'-1"
1	2'-0"	0'-7 1/2"	3'-6"	2'-0"	2'-1 1/2"

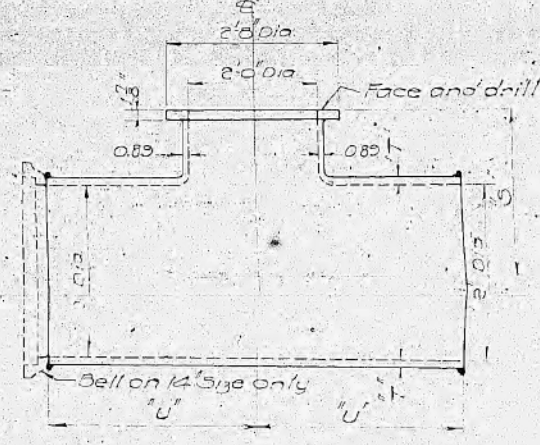
**S & F REDUCER**  
Scale: 3/4"=1'-0"  
Item 16  
Cast Iron



**SECTION I-I**

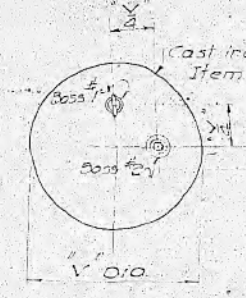


**SECTION A-A**



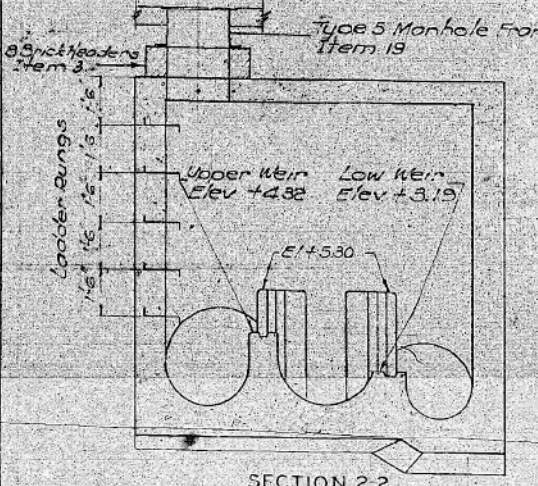
Required	R	S	T	U
1	1'-9"	2'-1 1/2"	0'-6 1/2"	2'-3"
1	3'-0"	3'-0"	0'-9 1/2"	3'-6"
1	2'-2"	3'-3"	1'-0"	3'-2"

**TEE**  
Scale: 3/4"=1'-0"  
Item 16  
Cast Iron



**BLIND FLANGE**

Brass bushings and plugs and steel pull-out rings included under Item 16



**SECTION 2-2**

**Reinforcement Steel**  
 Roof Slab Bottom face 3/4" bars both ways Spacing in middle half Strips 7" @ Spacing in outer quarter Strips 14" @  
 Top Face For negative moments provide short bars bent down into outer faces of walls spacing same as bottom bars.  
 Walls 3/8" bars 18" @ both ways and both faces with continuity in outside faces at corners some extra vertical bars required in lower portion of outer faces.  
 Floor Slab Outside vertical wall bars 18" @ to be bent into floor slab bottom top of floor slab (invert) 3/8" bars 18" @ both ways  
 Stop Pant Pers 3/8" vertical bars anchored in floor 1/2" ties

For Complete reinforcement details see Sheet 28  
Class X Concrete Item 3

**INLET JUNCTION CHAMBER**  
Scale: 3/4"=1'-0"



Drawn By L.D. Weinberg  
Traced By M.J. Jones  
Checked By Geo J. Tankersley  
Approved By Susan A. Siphon-05.dgn  
Subway Plan Engineer

**ORIGINAL CONSTRUCTION 1949 FOR REFERENCE ONLY**

CITY OF CHICAGO  
DEPARTMENT OF SUBWAYS AND SUPERHIGHWAYS  
WEST ROUTE SUPERHIGHWAY  
SECTION 2525-1-1B  
PEORIA STREET BRIDGE  
INLET JUNCTION CHAMBER  
SPECIAL PIPE FITTINGS

SCALE: AS NOTED SHEET NO. 24 OF 30 SHEETS



USER NAME = vjanachone	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -
PLOT DATE = 7/12/2017	DATE = 7/14/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

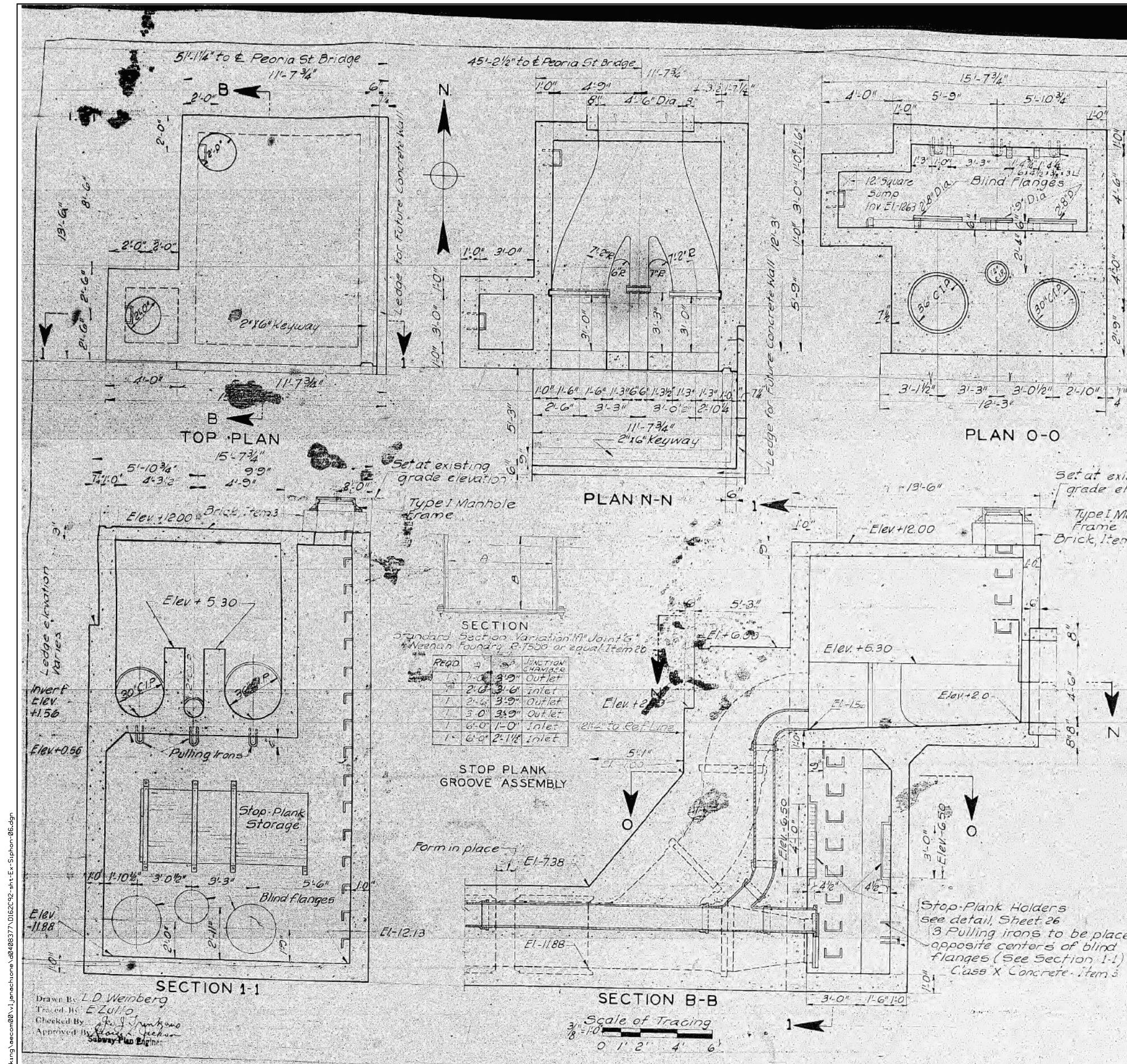
AS BUILT SIPHON PLANS  
PEORIA STREET  
SCALE: NONE SHEET NO. 24 OF 33 SHEETS STA. TO STA.

F.A.I. RTE. 90/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 93X
CONTRACT NO. 60X95			ILLINOIS FED. AID PROJECT	



PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NOTE BOOK	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NOTE BOOK	
	NO.	



**Reinforcement Steel**

**Roof Slab**- Bottom face  $\frac{3}{4}$ "  $\phi$  bars both ways, spacing in middle half strips  $6' \times 9'$ , spacing in outer quarter strips  $15' \times 15'$ . For negative moments provide short  $\frac{3}{4}$ "  $\phi$  bars bent down into outer faces of walls. Spacing same as bottom bars.

**Walls**-  $\frac{1}{2}$ "  $\phi$  bars  $18" \times 18"$  both ways and both faces with continuity in outside faces at corners. Additional reinforcement required in lower portion of walls including encasement of pipe risers.

**Floor Slab**- Vertical wall bars  $18" \times 18"$  in outside of wall to be bent into floor slab bottom. Top of floor slab (invert)  $\frac{1}{2}$ "  $\phi$  bars  $18" \times 18"$  both ways.

**Stop Plank Piers**-  $\frac{1}{2}$ "  $\phi$  vertical bars anchored in floor and  $\frac{1}{2}$ "  $\phi$  ties.

For complete reinforcement details see sheet 29.

SECTION  
Standard Section Variation of Joints  
\*Neenah Foundry P. 7500 or equal Item 20

RQDD	QTY	SIZE	DIRECTION
1	1	2'-0" x 3'-0"	Outlet
1	1	2'-0" x 3'-0"	Inlet
1	1	3'-0" x 3'-0"	Outlet
1	1	3'-0" x 3'-0"	Outlet
1	1	6'-0" x 1'-0"	Inlet
1	1	6'-0" x 2'-1/2"	Inlet

**ORIGINAL CONSTRUCTION 1949**

**FOR REFERENCE ONLY**

CITY OF CHICAGO  
DEPARTMENT OF SUBWAYS AND SUPERHIGHWAYS  
WEST ROUTE SUPERHIGHWAY  
SECTION 2525-1-1B  
PEORIA STREET BRIDGE  
OUTLET JUNCTION CHAMBER

Drawn By: L.D. Weinberg  
Traced By: E. Zullo  
Checked By: R. J. Johnson  
Approved By: [Signature]  
Subway Plan Engineer

SECTION B-B  
Scale of Tracing  
3/8" = 1'-0"  
0' 1' 2' 4' 6'



USER NAME = vjanachione	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/12/2017	DATE = 7/14/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

AS BUILT SIPHON PLANS	SCALE: NONE	SHEET NO. 25 OF 33 SHEETS	STA.	TO STA.
PEORIA STREET				

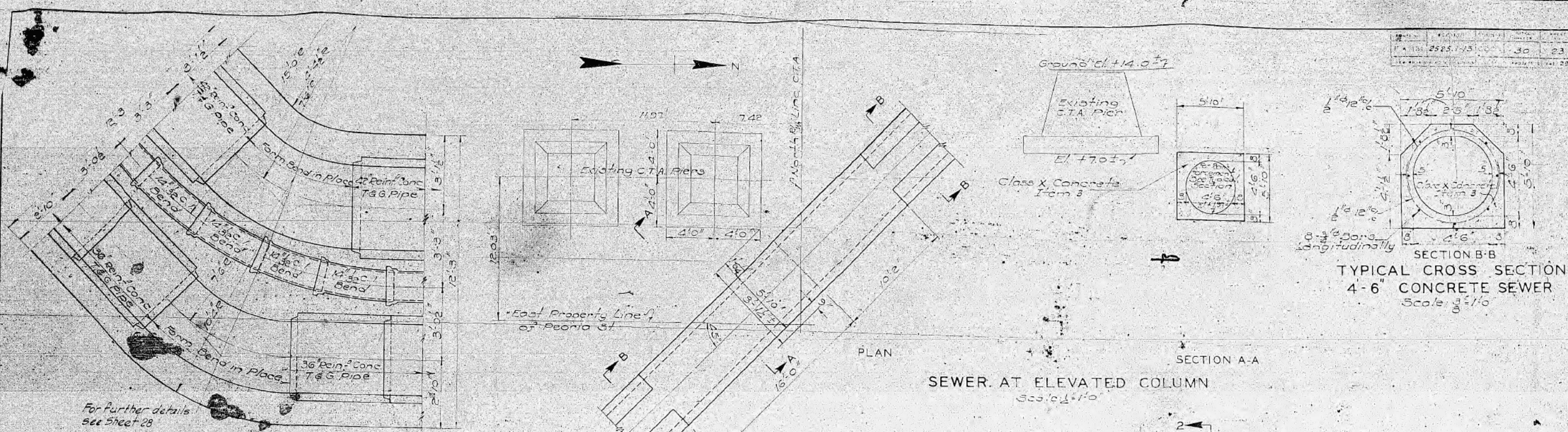
F.A.I. RTE. 90/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 93Y
			CONTRACT NO. 60X95	
ILLINOIS FED. AID PROJECT				

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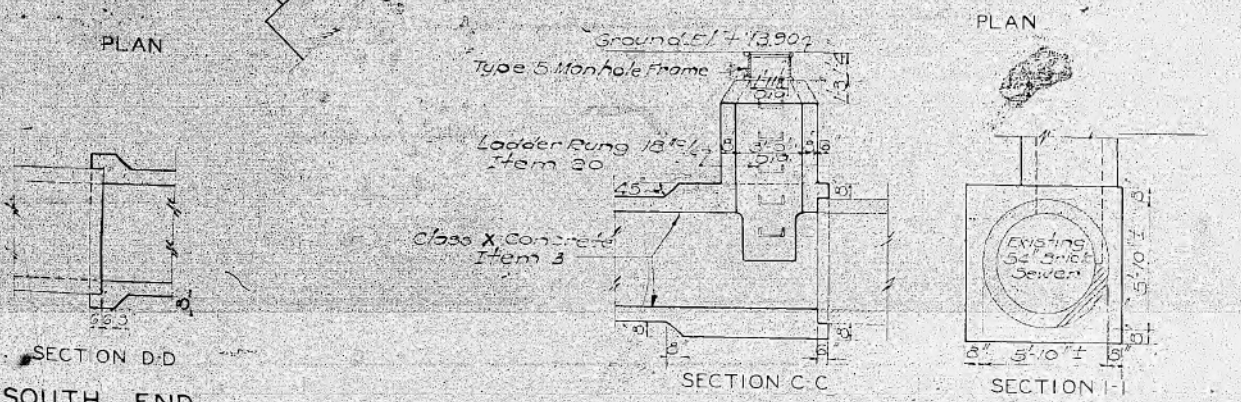
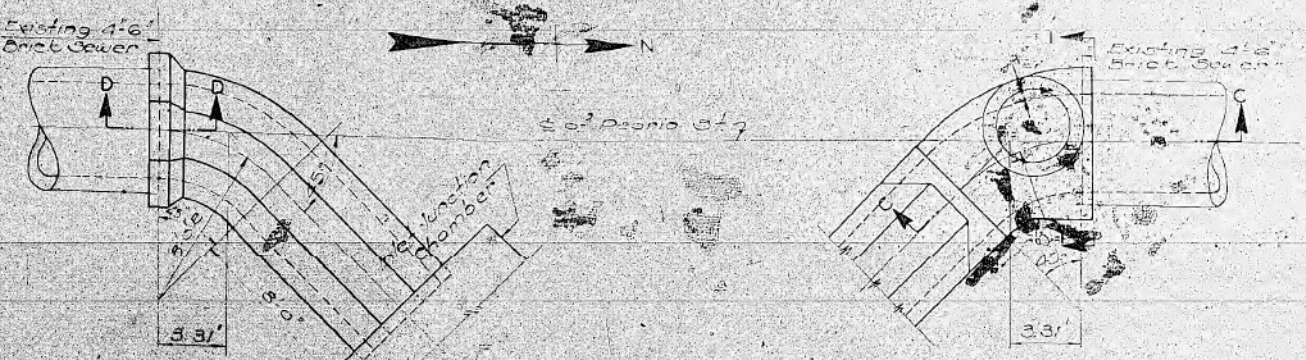


PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO. _____	
	NAME _____	

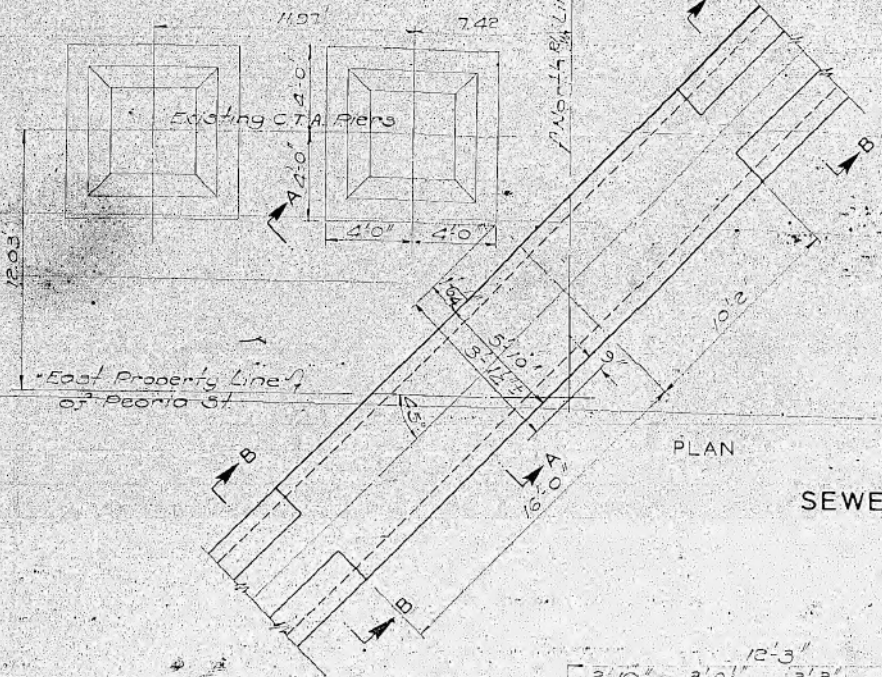
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	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NO. _____	
	NAME _____	



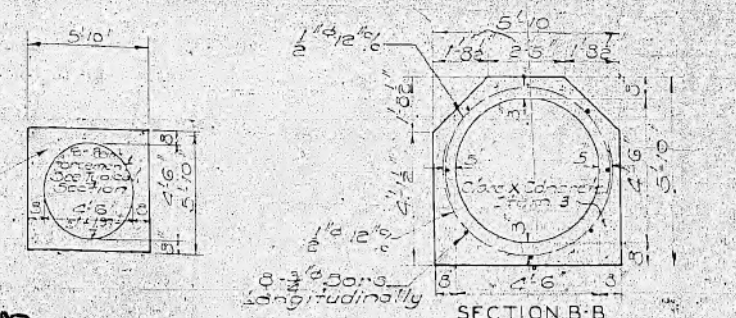
PLAN OF BENDS AT SOUTH END  
Scale 1/8" = 1'-0"



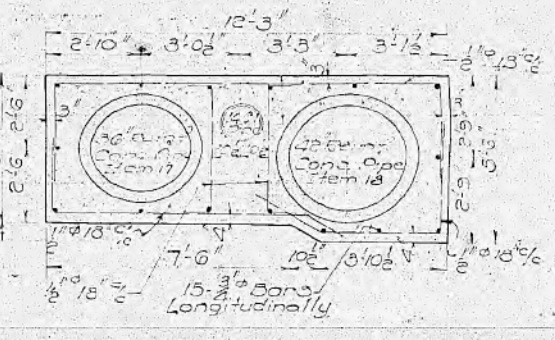
SECTION D-D SOUTH END  
SECTION C-C NORTH END  
SECTION I-I NORTH END  
CONNECTIONS TO EXISTING SEWER  
Scale 1/4" = 1'-0"



SEWER AT ELEVATED COLUMN  
Scale 1/8" = 1'-0"

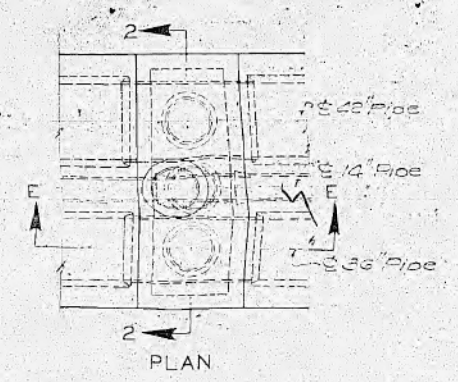


SECTION A-A  
SECTION B-B  
TYPICAL CROSS SECTION  
4'-6\"/>



TYPICAL CROSS SECTION OF SIPHON  
Scale 3/8" = 1'-0"

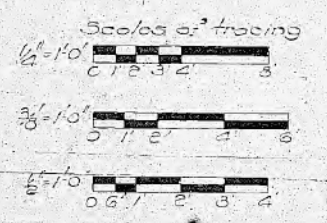
Note:  
All siphon encasement and sewer concrete to be class X, Item 3. All encasement reinforcing steel to be under Item 4. For further concrete details and complete reinforcement details see Sheet 27.



SECTION E-E  
SECTION 2-2  
CLEANOUT MANHOLE  
Scale 1/4" = 1'-0"

CITY OF CHICAGO  
DEPARTMENT OF SUBWAYS AND SUPERHIGHWAYS  
WEST ROUTE SUPERHIGHWAY  
SECTION 2525.1-1B  
PEORIA STREET BRIDGE

ORIGINAL CONSTRUCTION 1949  
FOR REFERENCE ONLY



SCALE: AS NOTED  
SHEET NO. 23 OF 30 SHEETS



USER NAME = vjanachione	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / 1\"/>		

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

AS BUILT SIPHON PLANS PEORIA STREET	SCALE: NONE	SHEET NO. 26 OF 33 SHEETS	STA. TO STA.
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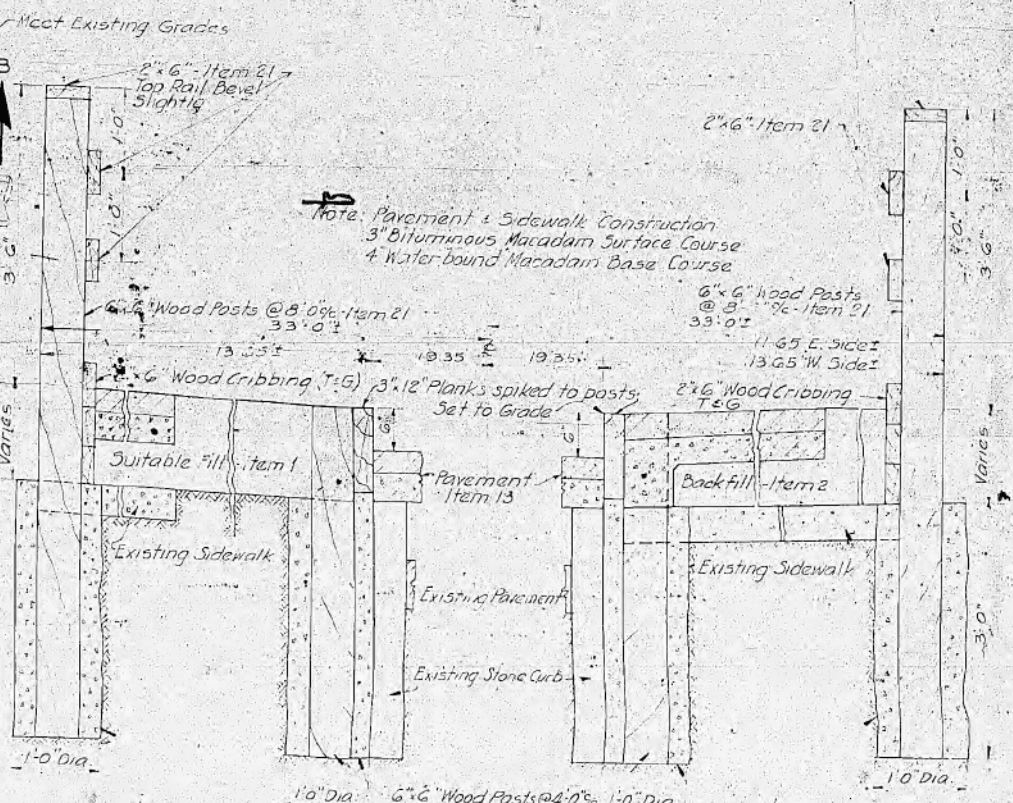
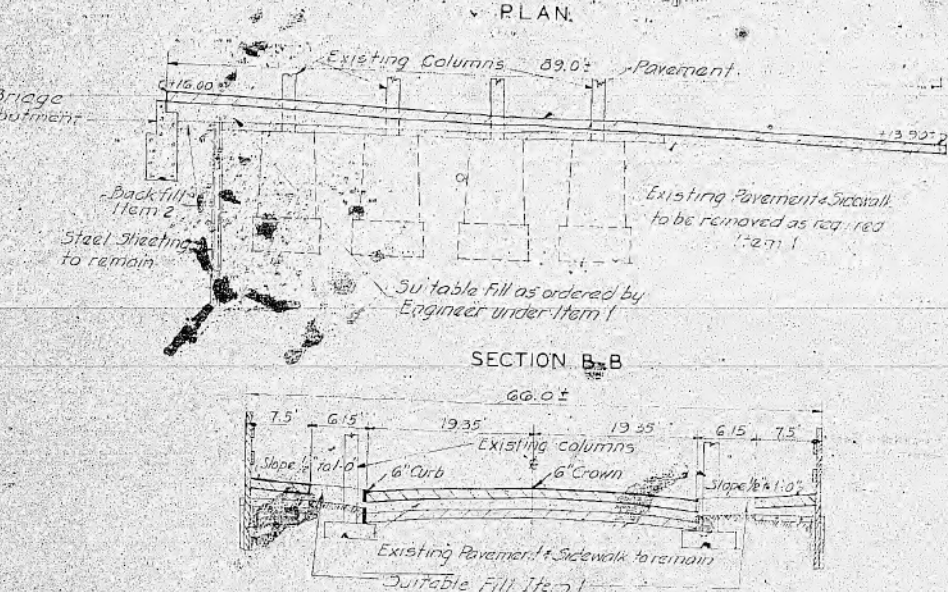
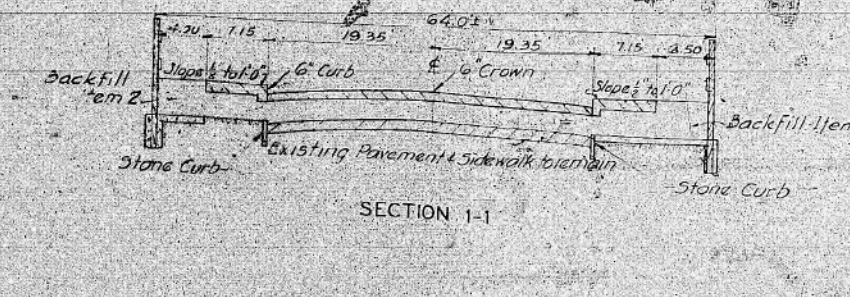
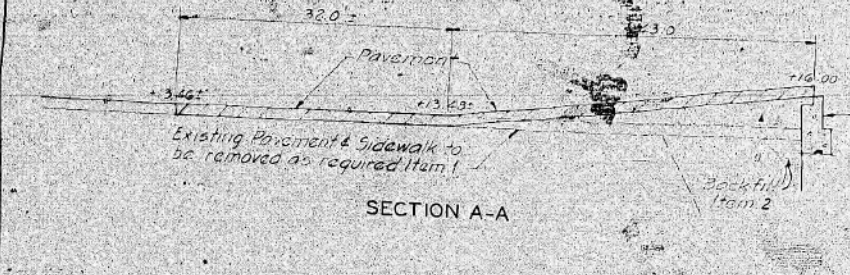
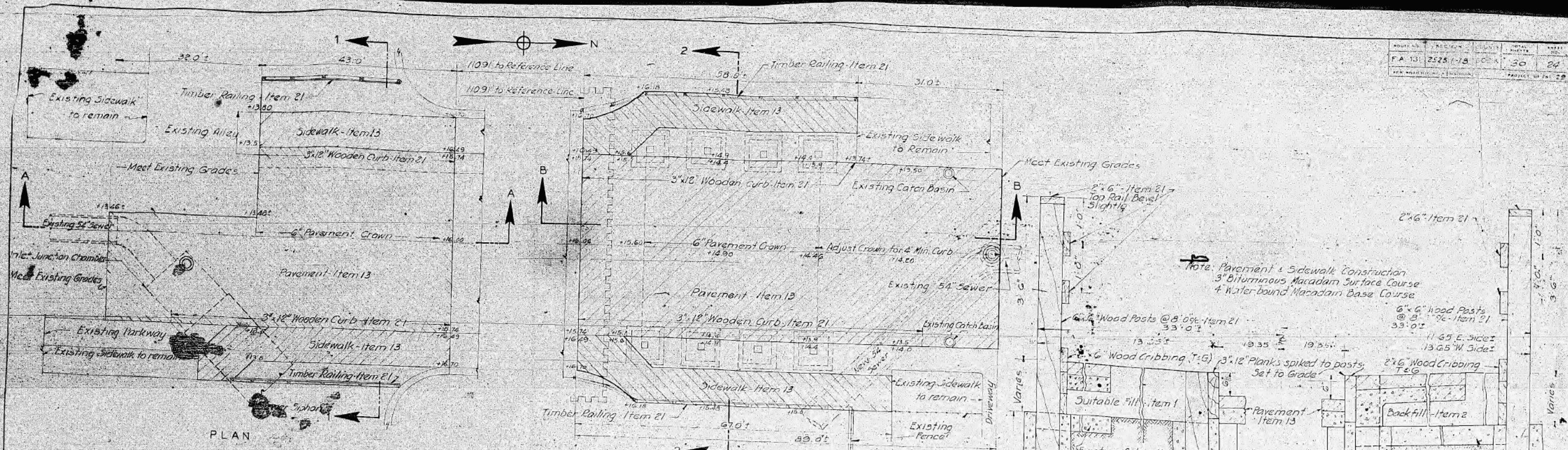
F.A.I. RT. SECTION COUNTY TOTAL SHEETS SHEET NO.	2014-016R&B	COOK	378	932
CONTRACT NO. 60X95				ILLINOIS FED. AID PROJECT



NO.	DATE	BY	REVISION
1	2/25/18	FAI	20

DATE	BY	REVISION

DATE	BY	REVISION



Note: Excavation for Pavement and Sidewalk shall be included under Item 1. Excavation for Railing and Curb Posts shall be included under Item 21. For details of Railing see sheet 25.

Horizontal Scale: 1" = 10'-0"  
Vertical Scale: 1" = 5'-0"

Horizontal Scale: 1" = 10'-0"  
Vertical Scale: 1" = 5'-0"



Drawn By: L. D. Weinberg  
Traced By: R. Bernhardt  
Checked By: [Signature]  
Approved By: [Signature]

**ORIGINAL CONSTRUCTION 1949**     **FOR REFERENCE ONLY**

CITY OF CHICAGO  
DEPARTMENT OF SUBWAYS AND SUPERHIGHWAYS  
WEST ROUTE SUPERHIGHWAY  
SECTION 25251-1B  
PEORIA STREET BRIDGE

PAVEMENT DETAILS  
SCALE: AS NOTED     SHEET NO. 28 OF 30 SHEETS



USER NAME = v1janachione	DESIGNED -	REVISIONS -
DESIGNED -	DRAWN -	REVISIONS -
DESIGNED -	CHECKED -	REVISIONS -
DESIGNED -	DATE - 7/14/2017	REVISIONS -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

AS BUILT SIPHON PLANS  
PEORIA STREET  
SCALE: NONE     SHEET NO. 27 OF 33 SHEETS     STA. TO STA.

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2014-016R&B	COOK	378	93AA

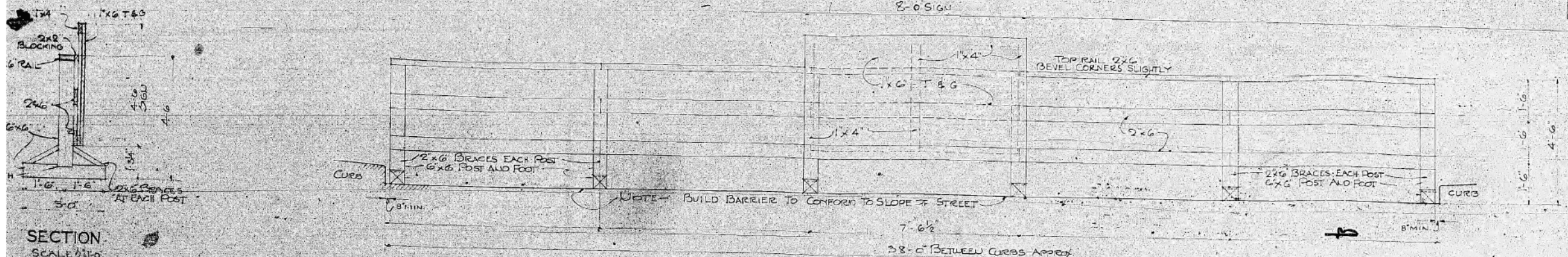
CONTRACT NO. 60X95     ILLINOIS FED. AID PROJECT



PROJECT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FA 131 2525.1-1B		COOK	30	25
DATE				

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTED THIS OFFICE	
	NOTE BOOK NO.	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTED THIS OFFICE	
	NOTE BOOK NO.	
	FILE NAME	



**ELEVATION OF BARRIER & SIGN**  
SCALE 2"-1'-0"  
4 REQUIRED

NOTE: FOR LOCATION OF BARRIER AND SIGN SEE SHEET NO. 1

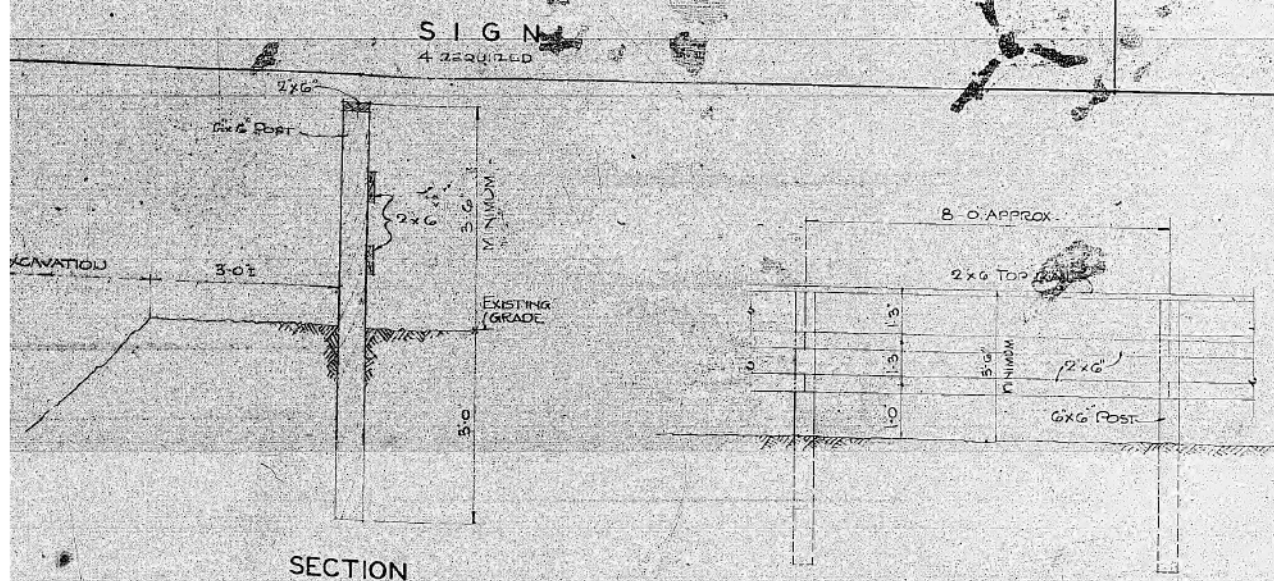
**WEST ROUTE SUPERHIGHWAY**  
SECTION 2525.1-1B

**PEORIA STREET BRIDGE**

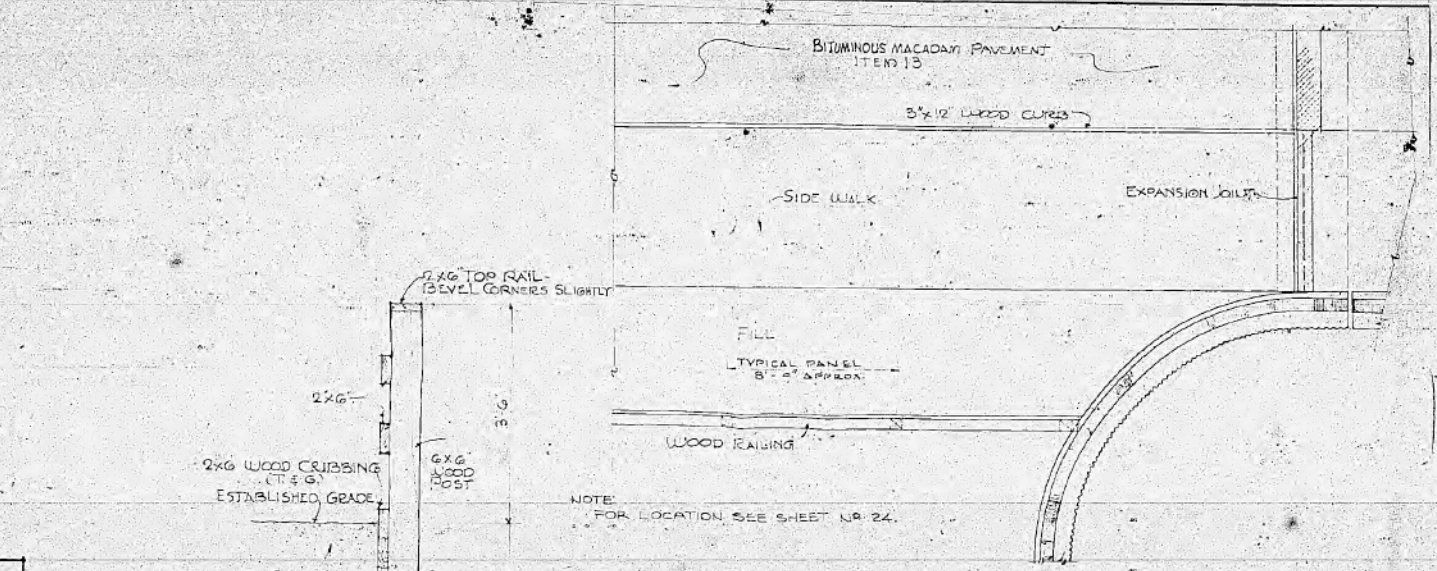
CITY OF CHICAGO  
MARTIN H. KENNELLY  
MAYOR

DEPARTMENT OF SUBWAYS AND SUPERHIGHWAYS  
VIRGIL E. GUNLOCK  
COMMISSIONER

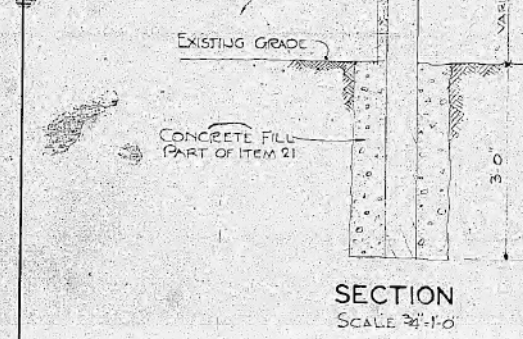
COOPERATING AGENCIES  
PUBLIC ROADS ADMINISTRATION  
ILLINOIS DIVISION OF HIGHWAYS  
COOK COUNTY HIGHWAY DEPARTMENT



**TYPICAL FENCE PANEL**  
SCALE 2"-1'-0"  
FOR LOCATION SEE SHEET NO. 1



**PART PLAN OF RAILING** SCALE 1/4"=1'-0"



**SECTION VOID**  
SCALE 3/4"=1'-0"  
FOR LOCATION SEE SHEET NO. 27

NOTES:  
ALL WORK SHOWN ON THIS SHEET IS PART OF ITEM 21.  
FOR ADDITIONAL DETAILS OF RAILING SEE SHEET NO. 24.  
DAILY CLIP ANGLES, BOLTS, AND EXPANSION BOLTS, PART OF ITEM 21.



CITY OF CHICAGO  
DEPARTMENT OF SUBWAYS AND SUPERHIGHWAYS  
**WEST ROUTE SUPERHIGHWAY**  
SECTION 2525.1-1B  
**PEORIA STREET BRIDGE**

MISCELLANEOUS TIMBER DETAILS

SCALE: AS NOTED  
SHEET NO. 25 OF 30 SHEETS

**ORIGINAL CONSTRUCTION 1949**  
**FOR REFERENCE ONLY**



USER NAME = vjanachione	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / 1"	DRAWN -	REVISED -
PLOT DATE = 7/12/2017	CHECKED -	REVISED -
	DATE = 7/14/2017	REVISED -

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

**AS BUILT SIPHON PLANS**  
**PEORIA STREET**

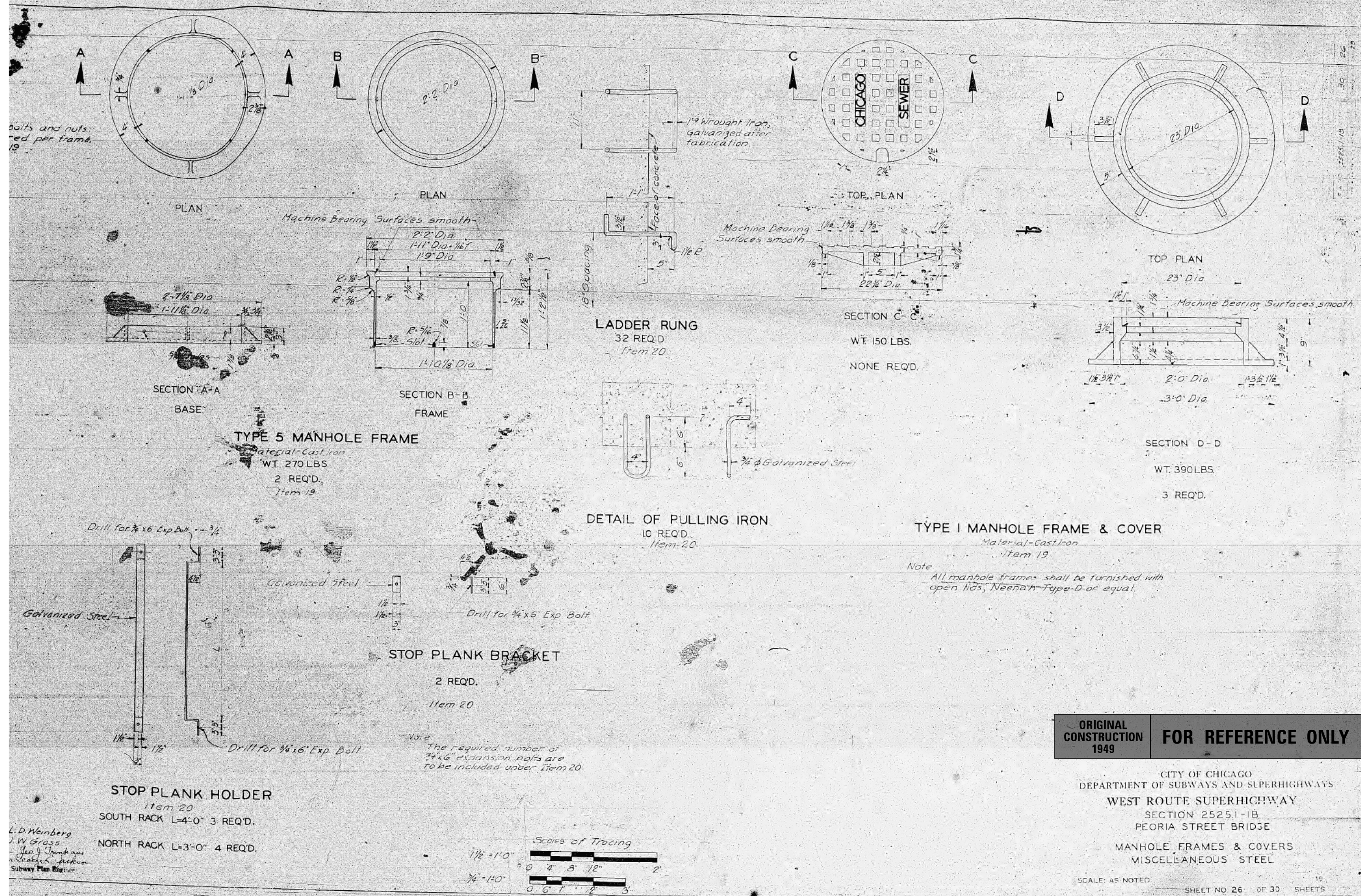
SCALE: NONE SHEET NO. 28 OF 33 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 90/94	2014-016R&B	COOK	378	93AB
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X95	



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

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



bolts and nuts  
red per frame  
19

25  
30  
35  
40  
45  
50  
55  
60  
65  
70  
75  
80  
85  
90  
95  
100

**ORIGINAL CONSTRUCTION 1949**      **FOR REFERENCE ONLY**

CITY OF CHICAGO  
DEPARTMENT OF SUBWAYS AND SUPERHIGHWAYS  
WEST ROUTE SUPERHIGHWAY  
SECTION 2525.1-1B  
PEORIA STREET BRIDGE  
MANHOLE FRAMES & COVERS  
MISCELLANEOUS STEEL

SCALE: AS NOTED

SHEET NO. 26 OF 30 SHEETS

L.D. Weinberg  
J.W. Gross  
Geo. J. Frank  
Subway Plan Engineer

USER NAME = v1janachione	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/12/2017	DATE - 7/14/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

AS BUILT SIPHON PLANS  
PEORIA STREET

SCALE: NONE      SHEET NO. 29 OF 33 SHEETS      STA.      TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAT 90/94	2014-016R&B	COOK	378	93AC
			CONTRACT NO. 60X95	
ILLINOIS FED. AID PROJECT				



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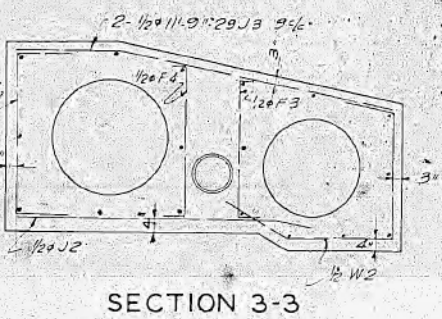
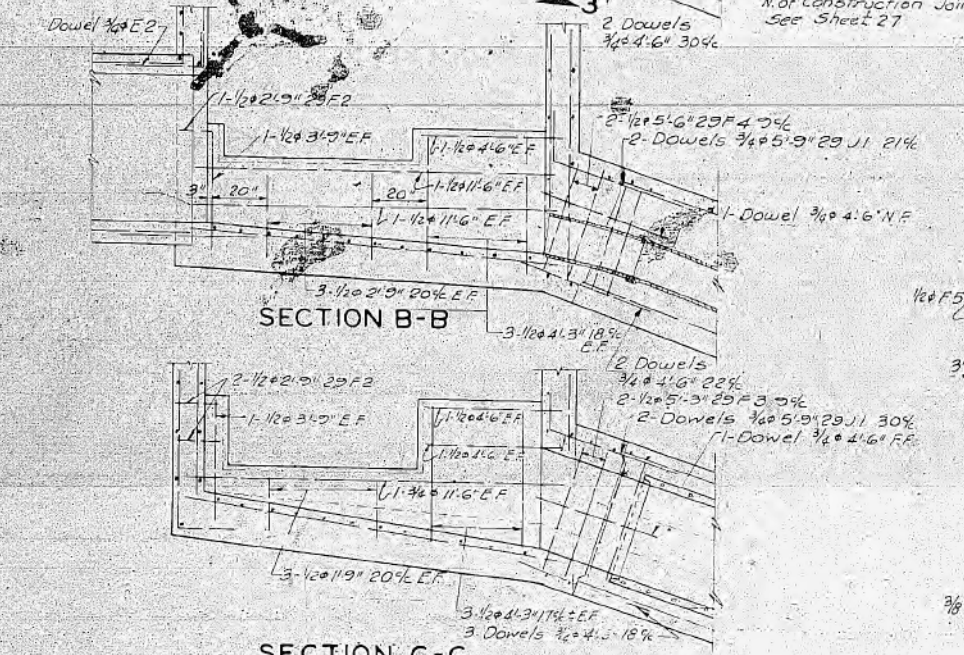
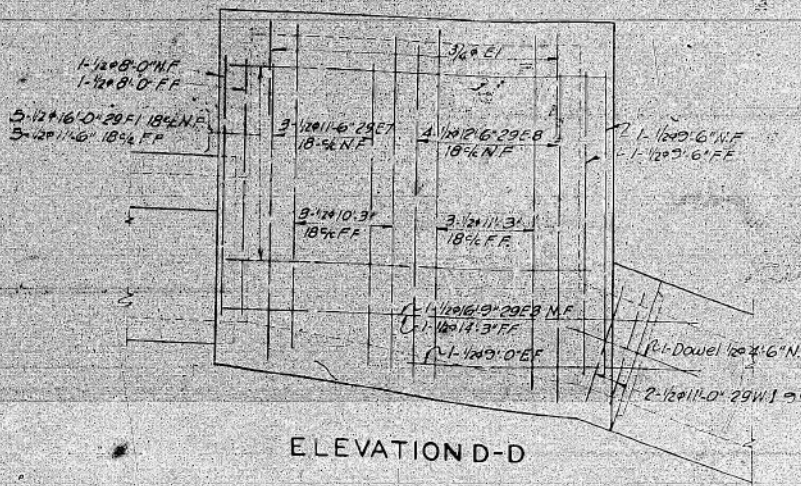
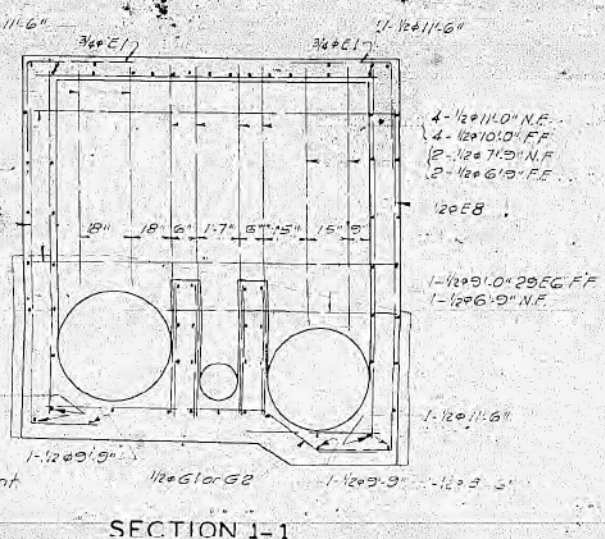
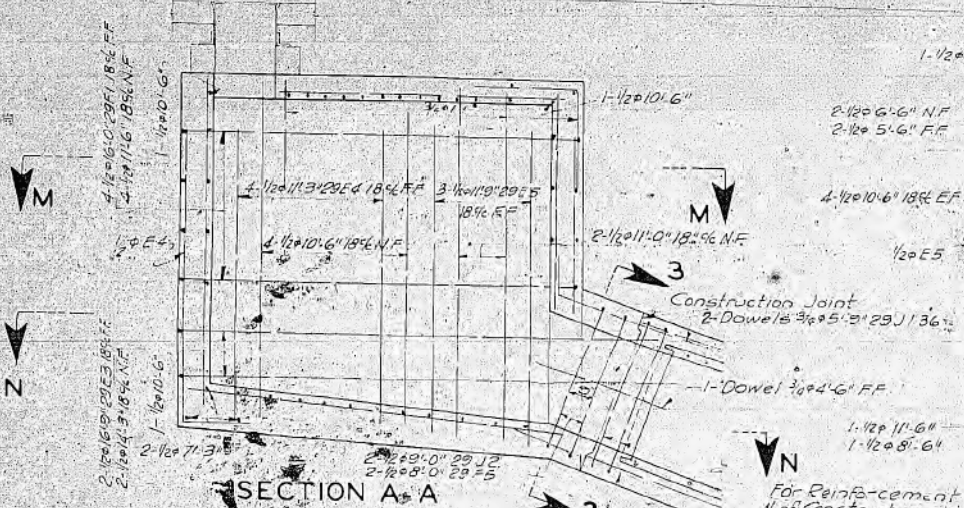
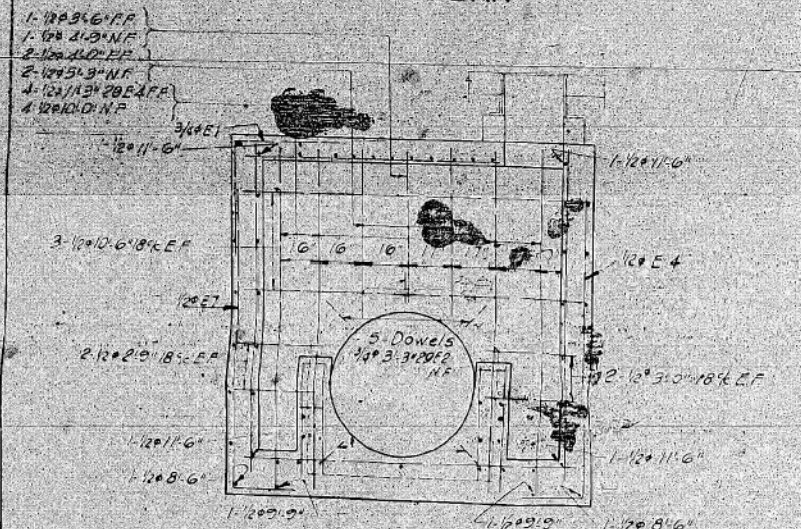
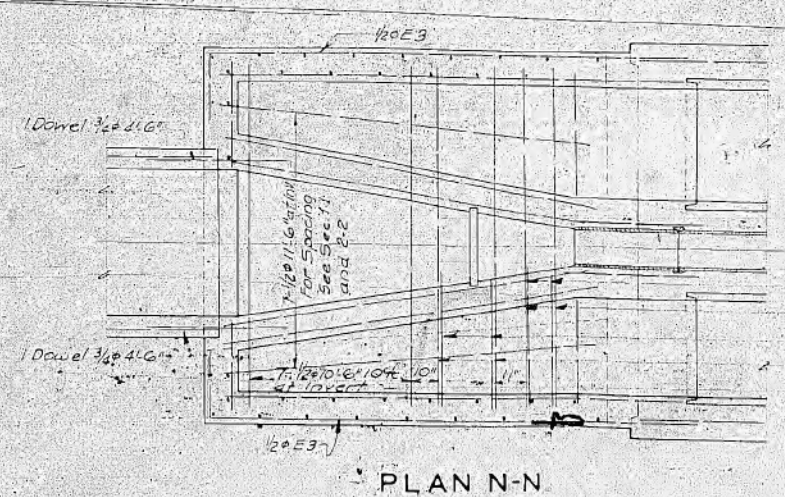
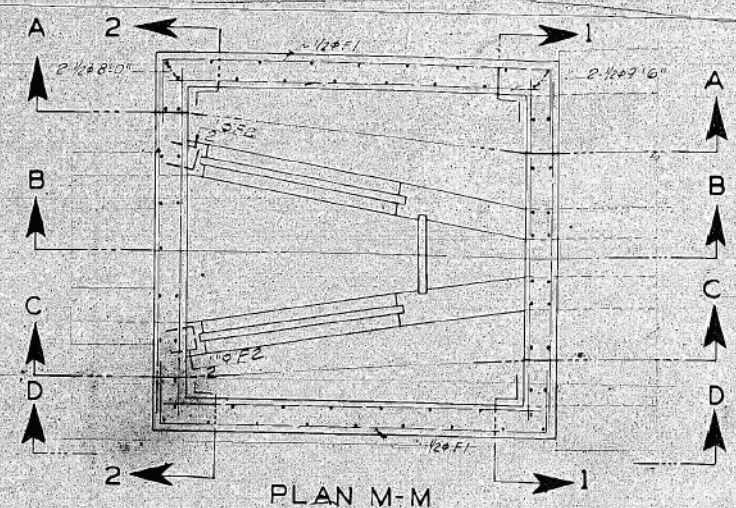
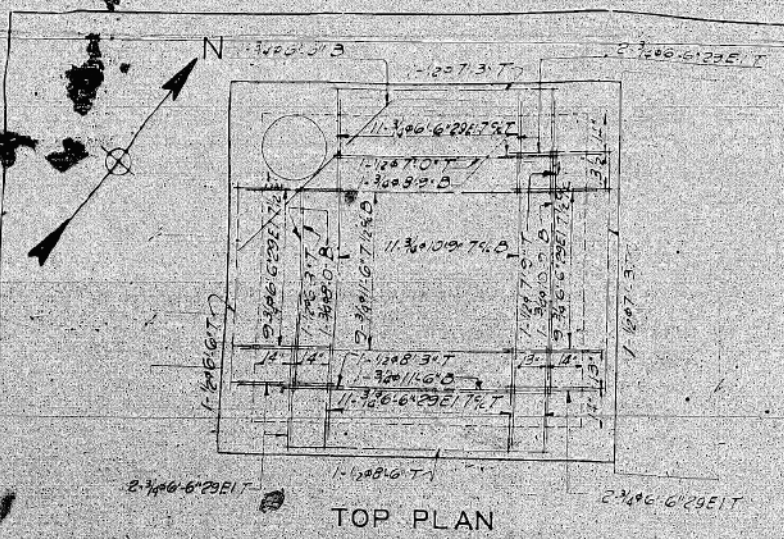






PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NOTE BOOK	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NOTE BOOK	
	NO.	



Drawn By: P.J. Vittrup  
 Entered By: EZULLO  
 Checked By: A.K. O'Connell  
 Approved By: George J. Gucken

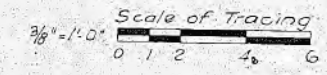
- 2-12#4.3' 11% at Invert
- 2-12#11.0' 29#2 11% at Invert
- 3-12#11.0' 10% at Invert
- 3-12#11.0' 29#1 10% at Invert

**General Notes**  
 Unless otherwise noted on drawing, reinforcement bars shall have the following minimum covering of concrete:  
 in bottom of floor slabs 3"  
 in top of floor slabs or inverts 3"  
 in top of roof slab 2"  
 in bottom of roof slab 1/2"  
 in walls each face 2"  
 Bars shall be lapped a minimum of 33 diameters at splices.  
 The following abbreviations are used in leading bars:  
 B denotes Bottom  
 T denotes Top  
 NF denotes Near face  
 FF denotes Far face  
 EF denotes Each face

For concrete details see sheet 21.  
 For list of reinforcement bars see sheet 30, pages 485.  
 For other details of inlet junction chamber see sheet 21.

**ORIGINAL CONSTRUCTION 1949** FOR REFERENCE ONLY

CITY OF CHICAGO  
 DEPARTMENT OF SUBWAYS AND SUPERHIGHWAYS  
 WEST ROUTE SUPERHIGHWAY  
 SECTION 2525.F-1B  
 PEORIA STREET BRIDGE  
 INLET JUNCTION CHAMBER  
 REINFORCEMENT DETAILS



SCALE: AS NOTED SHEET NO. 28 OF 30 SHEETS 194



USER NAME = vjanachone	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -
PLOT DATE = 7/12/2017	DATE = 7/14/2017	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

AS BUILT SIPHON PLANS  
 PEORIA STREET

SCALE: NONE SHEET NO. 31 OF 33 SHEETS STA. TO STA.

F.A.I. RT. 90/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 93AE
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X95	







DATE \_\_\_\_\_  
 BY \_\_\_\_\_  
 PLAN SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 NO. \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 NO. \_\_\_\_\_

DATE \_\_\_\_\_  
 BY \_\_\_\_\_  
 PROFILE SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 NO. \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 NO. \_\_\_\_\_

FILE NAME = c:\pwork\king\secon00\1\_janachone\_d0468377\_0162092\_Sht.-E.-Siphon-14.dgn

SEWER AND SIPHON SHEET 27 ①

Mark	Size	Number	Length	Bending	Weight
28F1	1/2"	12	6.0		1.62
28F2	1/2"	12	5.5		1.56
28F3	1/2"	5	3.3		0.63
28F4	1/2"	7	3.0		0.33
28F5	1/2"	7	5.9		1.96
28F6	1/2"	14	7.3		4.57
28F7	1/2"	12	6.0		1.62
28F8	1/2"	12	5.5		1.56
28F9	1/2"	5	3.3		0.63
28F10	1/2"	7	3.0		0.33
28F11	1/2"	7	5.9		1.96
28F12	1/2"	14	7.3		4.57
28F13	1/2"	12	6.0		1.62
28F14	1/2"	12	5.5		1.56
28F15	1/2"	5	3.3		0.63
28F16	1/2"	7	3.0		0.33
28F17	1/2"	7	5.9		1.96
28F18	1/2"	14	7.3		4.57
28F19	1/2"	12	6.0		1.62
28F20	1/2"	12	5.5		1.56
28F21	1/2"	5	3.3		0.63
28F22	1/2"	7	3.0		0.33
28F23	1/2"	7	5.9		1.96
28F24	1/2"	14	7.3		4.57
28F25	1/2"	12	6.0		1.62
28F26	1/2"	12	5.5		1.56
28F27	1/2"	5	3.3		0.63
28F28	1/2"	7	3.0		0.33
28F29	1/2"	7	5.9		1.96
28F30	1/2"	14	7.3		4.57
28F31	1/2"	12	6.0		1.62
28F32	1/2"	12	5.5		1.56
28F33	1/2"	5	3.3		0.63
28F34	1/2"	7	3.0		0.33
28F35	1/2"	7	5.9		1.96
28F36	1/2"	14	7.3		4.57
28F37	1/2"	12	6.0		1.62
28F38	1/2"	12	5.5		1.56
28F39	1/2"	5	3.3		0.63
28F40	1/2"	7	3.0		0.33
28F41	1/2"	7	5.9		1.96
28F42	1/2"	14	7.3		4.57
28F43	1/2"	12	6.0		1.62
28F44	1/2"	12	5.5		1.56
28F45	1/2"	5	3.3		0.63
28F46	1/2"	7	3.0		0.33
28F47	1/2"	7	5.9		1.96
28F48	1/2"	14	7.3		4.57
28F49	1/2"	12	6.0		1.62
28F50	1/2"	12	5.5		1.56
28F51	1/2"	5	3.3		0.63
28F52	1/2"	7	3.0		0.33
28F53	1/2"	7	5.9		1.96
28F54	1/2"	14	7.3		4.57
28F55	1/2"	12	6.0		1.62
28F56	1/2"	12	5.5		1.56
28F57	1/2"	5	3.3		0.63
28F58	1/2"	7	3.0		0.33
28F59	1/2"	7	5.9		1.96
28F60	1/2"	14	7.3		4.57
28F61	1/2"	12	6.0		1.62
28F62	1/2"	12	5.5		1.56
28F63	1/2"	5	3.3		0.63
28F64	1/2"	7	3.0		0.33
28F65	1/2"	7	5.9		1.96
28F66	1/2"	14	7.3		4.57
28F67	1/2"	12	6.0		1.62
28F68	1/2"	12	5.5		1.56
28F69	1/2"	5	3.3		0.63
28F70	1/2"	7	3.0		0.33
28F71	1/2"	7	5.9		1.96
28F72	1/2"	14	7.3		4.57
28F73	1/2"	12	6.0		1.62
28F74	1/2"	12	5.5		1.56
28F75	1/2"	5	3.3		0.63
28F76	1/2"	7	3.0		0.33
28F77	1/2"	7	5.9		1.96
28F78	1/2"	14	7.3		4.57
28F79	1/2"	12	6.0		1.62
28F80	1/2"	12	5.5		1.56
28F81	1/2"	5	3.3		0.63
28F82	1/2"	7	3.0		0.33
28F83	1/2"	7	5.9		1.96
28F84	1/2"	14	7.3		4.57
28F85	1/2"	12	6.0		1.62
28F86	1/2"	12	5.5		1.56
28F87	1/2"	5	3.3		0.63
28F88	1/2"	7	3.0		0.33
28F89	1/2"	7	5.9		1.96
28F90	1/2"	14	7.3		4.57
28F91	1/2"	12	6.0		1.62
28F92	1/2"	12	5.5		1.56
28F93	1/2"	5	3.3		0.63
28F94	1/2"	7	3.0		0.33
28F95	1/2"	7	5.9		1.96
28F96	1/2"	14	7.3		4.57
28F97	1/2"	12	6.0		1.62
28F98	1/2"	12	5.5		1.56
28F99	1/2"	5	3.3		0.63
28F100	1/2"	7	3.0		0.33

SEWER AND SIPHON SHEET 27 ②

Mark	Size	Number	Length	Bending	Weight
28A1	1/2"	12	6.0		1.62
28A2	1/2"	12	5.5		1.56
28A3	1/2"	5	3.3		0.63
28A4	1/2"	7	3.0		0.33
28A5	1/2"	7	5.9		1.96
28A6	1/2"	14	7.3		4.57
28A7	1/2"	12	6.0		1.62
28A8	1/2"	12	5.5		1.56
28A9	1/2"	5	3.3		0.63
28A10	1/2"	7	3.0		0.33
28A11	1/2"	7	5.9		1.96
28A12	1/2"	14	7.3		4.57
28A13	1/2"	12	6.0		1.62
28A14	1/2"	12	5.5		1.56
28A15	1/2"	5	3.3		0.63
28A16	1/2"	7	3.0		0.33
28A17	1/2"	7	5.9		1.96
28A18	1/2"	14	7.3		4.57
28A19	1/2"	12	6.0		1.62
28A20	1/2"	12	5.5		1.56
28A21	1/2"	5	3.3		0.63
28A22	1/2"	7	3.0		0.33
28A23	1/2"	7	5.9		1.96
28A24	1/2"	14	7.3		4.57
28A25	1/2"	12	6.0		1.62
28A26	1/2"	12	5.5		1.56
28A27	1/2"	5	3.3		0.63
28A28	1/2"	7	3.0		0.33
28A29	1/2"	7	5.9		1.96
28A30	1/2"	14	7.3		4.57
28A31	1/2"	12	6.0		1.62
28A32	1/2"	12	5.5		1.56
28A33	1/2"	5	3.3		0.63
28A34	1/2"	7	3.0		0.33
28A35	1/2"	7	5.9		1.96
28A36	1/2"	14	7.3		4.57
28A37	1/2"	12	6.0		1.62
28A38	1/2"	12	5.5		1.56
28A39	1/2"	5	3.3		0.63
28A40	1/2"	7	3.0		0.33
28A41	1/2"	7	5.9		1.96
28A42	1/2"	14	7.3		4.57
28A43	1/2"	12	6.0		1.62
28A44	1/2"	12	5.5		1.56
28A45	1/2"	5	3.3		0.63
28A46	1/2"	7	3.0		0.33
28A47	1/2"	7	5.9		1.96
28A48	1/2"	14	7.3		4.57
28A49	1/2"	12	6.0		1.62
28A50	1/2"	12	5.5		1.56
28A51	1/2"	5	3.3		0.63
28A52	1/2"	7	3.0		0.33
28A53	1/2"	7	5.9		1.96
28A54	1/2"	14	7.3		4.57
28A55	1/2"	12	6.0		1.62
28A56	1/2"	12	5.5		1.56
28A57	1/2"	5	3.3		0.63
28A58	1/2"	7	3.0		0.33
28A59	1/2"	7	5.9		1.96
28A60	1/2"	14	7.3		4.57
28A61	1/2"	12	6.0		1.62
28A62	1/2"	12	5.5		1.56
28A63	1/2"	5	3.3		0.63
28A64	1/2"	7	3.0		0.33
28A65	1/2"	7	5.9		1.96
28A66	1/2"	14	7.3		4.57
28A67	1/2"	12	6.0		1.62
28A68	1/2"	12	5.5		1.56
28A69	1/2"	5	3.3		0.63
28A70	1/2"	7	3.0		0.33
28A71	1/2"	7	5.9		1.96
28A72	1/2"	14	7.3		4.57
28A73	1/2"	12	6.0		1.62
28A74	1/2"	12	5.5		1.56
28A75	1/2"	5	3.3		0.63
28A76	1/2"	7	3.0		0.33
28A77	1/2"	7	5.9		1.96
28A78	1/2"	14	7.3		4.57
28A79	1/2"	12	6.0		1.62
28A80	1/2"	12	5.5		1.56
28A81	1/2"	5	3.3		0.63
28A82	1/2"	7	3.0		0.33
28A83	1/2"	7	5.9		1.96
28A84	1/2"	14	7.3		4.57
28A85	1/2"	12	6.0		1.62
28A86	1/2"	12	5.5		1.56
28A87	1/2"	5	3.3		0.63
28A88	1/2"	7	3.0		0.33
28A89	1/2"	7	5.9		1.96
28A90	1/2"	14	7.3		4.57
28A91	1/2"	12	6.0		1.62
28A92	1/2"	12	5.5		1.56
28A93	1/2"	5	3.3		0.63
28A94	1/2"	7	3.0		0.33
28A95	1/2"	7	5.9		1.96
28A96	1/2"	14	7.3		4.57
28A97	1/2"	12	6.0		1.62
28A98	1/2"	12	5.5		1.56
28A99	1/2"	5	3.3		0.63
28A100	1/2"	7	3.0		0.33

SEWER AND SIPHON SHEET 27 ③

Mark	Size	Number	Length	Bending	Weight
28B1	1/2"	12	6.0		1.62
28B2	1/2"	12	5.5		1.56
28B3	1/2"	5	3.3		0.63
28B4	1/2"	7	3.0		0.33
28B5	1/2"	7	5.9		1.96
28B6	1/2"	14	7.3		4.57
28B7	1/2"	12	6.0		1.62
28B8	1/2"	12	5.5		1.56
28B9	1/2"	5	3.3		0.63
28B10	1/2"	7	3.0		0.33
28B11	1/2"	7	5.9		1.96
28B12	1/2"	14	7.3		4.57
28B13	1/2"	12	6.0		1.62
28B14	1/2"	12	5.5		1.56
28B15	1/2"	5	3.3		0.63
28B16	1/2"	7	3.0		0.33
28B17	1/2"	7	5.9		1.96
28B18	1/2"	14	7.3		4.57
28B19	1/2"	12	6.0		1.62
28B20	1/2"	12	5.5		1.56
28B21	1/2"	5	3.3		0.63
28B22	1/2"	7	3.0		0.33
28B23	1/2"	7	5.9		1.96
28B24	1/2"	14	7.3		4.57
28B25	1/2"	12	6.0		1.62
28B26	1/2"	12	5.5		1.56
28B27	1/2"	5	3.3		0.63
28B28	1/2"	7	3.0		0.33
28B29	1/2"	7	5.9		1.96
28B30	1/2"	14	7.3		4.57
28B31	1/2"	12	6.0		1.62
28B32	1/2"	12	5.5		1.56
28B33					





	AERIAL
	UNKNOWN
	CABLE TV
	TELEPHONE
	GAS
	ELECTRIC
	TRAFFIC SIGNAL/LIGHTING
	WATER
	SANITARY SEWER
	FIBER OPTIC
	TBE TEST HOLE
	END OF INFORMATION

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

UTILITY OWNERS	
AT&T	= TELEPHONE
COMCAST	= CABLE TV
COM-ED	= ELECTRIC
CITY OF CHICAGO	= ELECTRIC
CITY OF CHICAGO WATER	= WATER
IDOT	= ELECTRIC
PEOPLE'S ENERGY	= GAS

NOTE: ALL ELECTRONIC DEPTHS MARKED AS (ED) WERE OBTAINED UTILIZING A SONDE DEVICE. DEPTHS ON THE AT&T DUCT WERE RECORDED FROM AN AT&T CONTRACTOR. DEPTHS ON THE COMED DUCT WERE RECORDED BY A CARDNO CREW. CARDNO CAN NOT VERIFY THE ACCURACY OF THESE DEPTHS AND SHOULD BE USED AS APPROXIMATE AND AS INFORMATION ONLY.

UTILITIES SHOWN ON THESE PLANS AS DEPICTED IN THE LEGEND HAVE BEEN INVESTIGATED BY CARDNO IN ACCORDANCE WITH SUE INDUSTRY STANDARDS. ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED TO CARDNO BY OTHERS. CARDNO SUE FIELD INVESTIGATION WAS PERFORMED 3/14/13 THROUGH 7/25/14. CHANGES TO UTILITIES MAY HAVE BEEN MADE AND THEREFORE MAY RESULT IN VARIANCES FROM THIS PLAN. CONSIDERATION SHOULD BE GIVEN TO UPDATING THIS PLAN IF DEEMED ADVISABLE PRIOR TO FINAL DESIGN AND CONSTRUCTION.

ADDITIONAL CARDNO SUE FIELD INVESTIGATION WAS PERFORMED 11/7/16 THROUGH 12/09/16 AND SURVEYED BY CLAASSEN, WHITE & ASSOCIATES.

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

SCALE: 1" = 50' (1:500)

20 0 METERS 20 40  
50 0 FEET 50 100

REGISTERED PROFESSIONAL ENGINEER  
 KENNETH F. SLANINKA, Jr.  
 062-055488  
 STATE OF ILLINOIS  
 3-13-17  
 license expires 11-30-17

**Cardno TBE**

CLAASSEN, WHITE & ASSOCIATES, P.C.  
 LAND SURVEYORS  
 121 AIRPORT DRIVE, UNIT 1, JOLIET, ILLINOIS 60431  
 (815) 744-3720 clausenwhite@cwosurvey.com

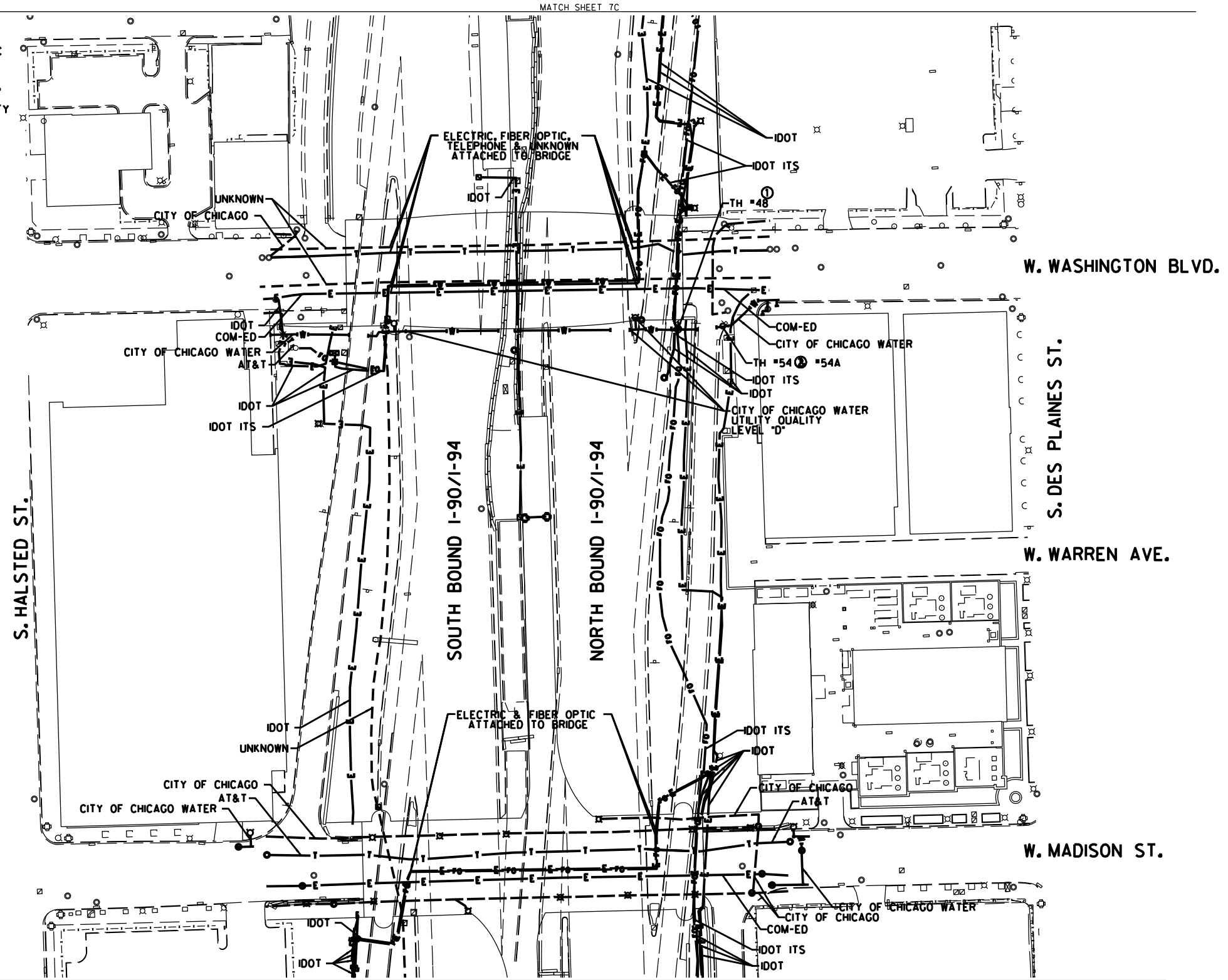
**Dynasty Group**  
 Engineers & Surveyors

TBE Job No. IL09510531, 563, 647, 737  
 SUE Plan Page: 2 of 12

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	N/A	Cook	378	93AH
Contract No. N/A				
FED. ROAD DIST. NO. ILLINOIS IDOT Project No. P-91-259-12				

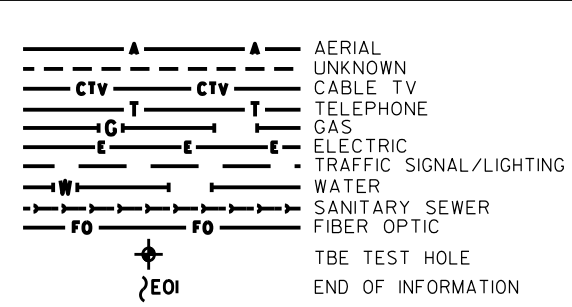


NOTE:  
 THE CITY OF CHICAGO LINES (OTHER THAN THE WATER LINES),  
 ARE MULTI-DUCT SYSTEMS, AND MAY CONTAIN ELECTRIC, TRAFFIC  
 SIGNAL, CPS FIBER OPTICS, OEMC FIBER OPTICS, OTHER CITY  
 COMMUNICATION LINES, AND OCCASIONALLY 3<sup>RD</sup> PARTY LINES.  
 CARDNO HAS NOT ATTEMPTED TO DETERMINE THE NUMBER, SIZE,  
 CONFIGURATION, OR OWNERSHIP OF THESE DUCT SYSTEMS. SUCH  
 DETERMINATION SHOULD BE MADE BY OTHERS DURING THE UTILITY  
 COORDINATION PROCESS.



MATCH SHEET 7C

MATCH SHEET 7A



UTILITY OWNERS

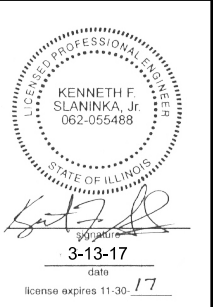
AT&T = TELEPHONE  
 CITY OF CHICAGO = ELECTRIC  
 CITY OF CHICAGO WATER = WATER  
 COMCAST = FIBER OPTIC  
 COM-ED = ELECTRIC  
 IDOT = ELECTRIC  
 IDOT ITS = FIBER OPTIC

UTILITIES SHOWN ON THESE PLANS AS DEPICTED IN THE LEGEND HAVE BEEN INVESTIGATED BY CARDNO IN ACCORDANCE WITH SUE INDUSTRY STANDARDS. ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED TO CARDNO BY OTHERS. CARDNO SUE FIELD INVESTIGATION WAS PERFORMED 2/09/15 THROUGH 3/18/15. CHANGES TO UTILITIES MAY HAVE BEEN MADE AND THEREFORE MAY RESULT IN VARIANCES FROM THIS PLAN. CONSIDERATION SHOULD BE GIVEN TO UPDATING THIS PLAN IF DEEMED ADVISABLE PRIOR TO FINAL DESIGN AND CONSTRUCTION.

ADDITIONAL CARDNO SUE FIELD INVESTIGATION WAS PERFORMED 11/17/16 THROUGH 12/09/16 AND SURVEYED BY CLAASSEN, WHITE & ASSOCIATES.

ADDITIONAL CARDNO SUE FIELD INVESTIGATION WAS PERFORMED 12/10/16 THROUGH 3/03/17 AND SURVEYED BY CLAASSEN, WHITE & ASSOCIATES. TEST HOLE #54 ADDED.

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



CLAASSEN, WHITE & ASSOCIATES, P.C.  
 LAND SURVEYORS  
 121 AIRPORT DRIVE, UNIT 1, JOLIET, ILLINOIS 60431  
 (815) 744-3720 claassenwhite@cwawhite.com



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

DESIGNED JP	REVISED ① 12/20/16
DRAWN SRK	REVISED ② 3/07/17
CHECKED MGR	REVISED
DATE 12/18/15	REVISED

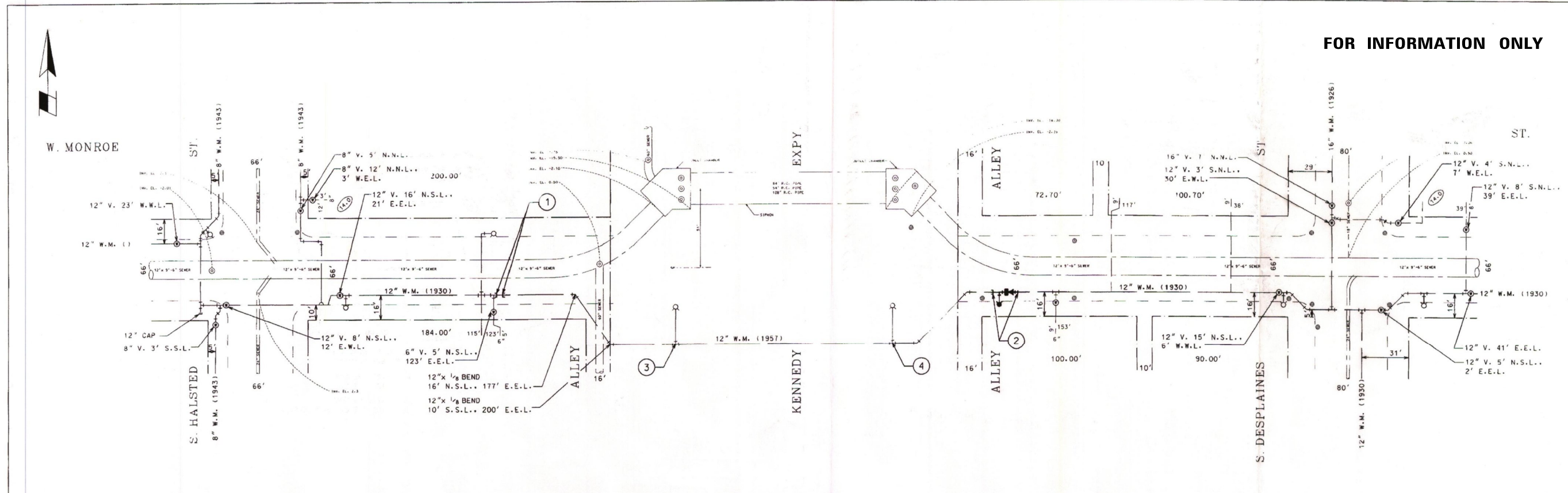
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

I-94-901-290 (Circle Interchange)  
 Chicago, Illinois

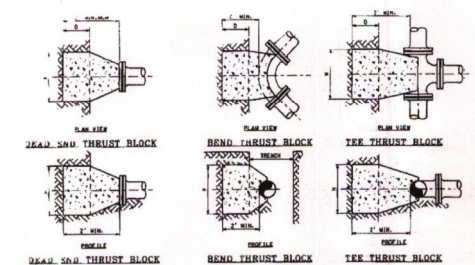
F.A. RT#	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	N/A	Cook	378	95
Contract No. N/A				
FED. ROAD DIST. NO. ILLINOIS IDOT Project No. P-91-259-12				



FOR INFORMATION ONLY



- 1 CUT, CAP AND BRACE THE EXISTING 12" WATER MAIN TO THE EAST, AND RESTRAIN THE EAST RUN OF THE EXISTING 12" x 6" TEE AS PER CONCRETE THRUST BLOCK DETAIL WITH: 1-12" MJ CAP 1-12" MJ PLUG 2-12" MEGALUGS
- 2 INSTALL A NEW FIRE HYDRANT AT APPROXIMATELY 190' W.M. OF S. DESPLAINES STREET (2' BEHIND CURB), AND PROVIDE THRUST RESTRAINT FOR BEND AS PER DETAIL WITH: 1-4 1/2" MJ HYDRANT 1-12" TRANSITION SLEEVE 1-12" x 8" 2BMJ REDUCER 1-8" MJ VALVE (LOCATION TO BE DETERMINED IN FIELD) 1-8" x 1/2" 2BMJ BEND 1-8" x 12" 8" APPENDIX OFFSET (IF NECESSARY) 1-12" MEGALUG 5-8" MEGALUGS 5' OF 12" D.I.W.P. 10' OF 8" D.I.W.P. FLANGE COLOR CODE: YELLOW ABANDON THE 12" WATER TO THE WEST FROM NOTE 2 TO NOTE 1 WITH: 1-12" MJ CAP 1-12" MEGALUG
- 3 AFTER THE EXISTING WATER MAIN HAS BEEN ABANDONED, CUT THE FIRE HYDRANT HEAD OFF BELOW GRADE AND GROUT.
- 4 AFTER THE EXISTING WATER MAIN HAS BEEN ABANDONED, CUT THE FIRE HYDRANT HEAD OFF BELOW GRADE AND GROUT.



HORIZONTAL THRUST BLOCK DETAILS

PIPE SIZE	HEAD END & TEE	HORIZONTAL	HORIZONTAL
12"	2	2	2
16"	2	2	2
20"	2	2	2
24"	2	2	2
30"	2	2	2
36"	2	2	2
42"	2	2	2
48"	2	2	2
60"	2	2	2

VERTICAL THRUST BLOCK DETAILS

PIPE SIZE	VERTICAL	VERTICAL
12"	2	2
16"	2	2
20"	2	2
24"	2	2
30"	2	2
36"	2	2
42"	2	2
48"	2	2
60"	2	2

1-12" MJ CAP 188" WALL DET. PLUMBING 1/6" NSL MONROE  
1-12" MJ PLUG 189" WALL 1/6" NSL "

WARDS 2 & 21  
RESTORATION: BACKFILL ONLY (FINAL RESTORATION TO BE COMPLETED BY I.D.O.T. CONTRACTOR).

CHLORINATION AND TESTING OF PIPING  
SWAB ALL PIPE AND FITTINGS WITH CHLORINE SOLUTION THAT WILL NOT BE CHLORINATED AND FLUSH PER WATER QUALITY (312) 744-8190. VISUALLY INSPECT AT OPERATING PRESSURE PRIOR TO BACKFILLING.

BILL OF MATERIALS				CHARGES		
1-8" MJ VALVE		ORDER NO.	DESCRIPTION	CHARGE FUND		
1-4 1/2" MJ HYDRANT		A-26757	MAKE ADJUSTMENTS TO WATER FACILITIES	R/F		
1-12" x 8" 2BMJ REDUCER						
1-8" x 1/2" 2BMJ BEND						
1-12" TRANSITION SLEEVE						
2-12" MJ CAP						
1-12" MJ PLUG						
4-12" MEGALUGS						
5-8" MEGALUGS						
5' OF 12" D.I.W.P.						
10' OF 8" D.I.W.P.						

STREET PERMIT DATA			
PERMIT NO.	STREET	DIRECTION	NUMBERS
	MONROE STREET	WEST	711
	MONROE STREET	WEST	711

BASE DRAWINGS OF EXISTING CONDITIONS PREPARED BY:			
DATE	BY	DATE	BY

DEPARTMENT OF WATER MANAGEMENT

WATER & WASTEWATER DIVISION

022-85091  
EXPENSE  
FROM GENERAL ENGINEER

STATE OF ILLINOIS

DATE: 3/24/10

PROJ. MANAGER DATE

CTR

DESIGN ENGINEER DATE: 3/24/10

O.C. REVIEW DATE: 3/24/10

PROJECT MANAGER DATE: 3/24/10

HORIZONTAL SCALE: 1" = 30'

ATLAS PAGE: 287A

VERTICAL SCALE: N/A

DISTRICT: CENTRAL

LISSNE 02-980 11-00-001

CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT

W. MONROE STREET  
S. HALSTED STREET TO S. DESPLAINES STREET

CHECK LIST OF CORRECTIONS	SHEET NO.	DATE	DRAWN
RECORD DRAWING	1061		
AGE MAIN ADJ.	80	5/19/10	RK
SERVICE PLAN	#2	5/19/10	RK
ATLAS TRACING	287A	5/18/10	RK
OFFICIAL ATLAS	N/A		
PERMIT	N/A		
DIS. MULAR MAPE	N/A		

\* 2 + 2, 3, 4, 5

APPROVED: [Signature] CHIEF ENGINEER I BUREAU OF ENGINEERING SERVICES

APPROVED: [Signature] COMMISSIONER DEPARTMENT OF WATER MANAGEMENT

COUNCIL PROCEEDINGS DATED \_\_\_\_\_ PAGE \_\_\_\_\_

PROJECT NO. 03-03-064 ORDER NO. A-26757

CONSTRUCTION PERMIT NO. \_\_\_\_\_ SHEET NO. 1 OF 1

PLAN	DATE
SURVEYED	
PLOTTED	
ALIGNED	
CHECKED	
FILED	
NO.	

PROFILE	DATE
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS OK'D	
NO.	

FILE NAME = T:\168988\Civil\68988\Monroe Street\Plotting\Print\_Export\168988-shr-CDMM-01-95A.dgn

PARSONS BRINCKERHOFF

USER NAME	DESIGNED	REVISIONS
Kucharski	MCC	
	MCC	
	RT	

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

CITY OF CHICAGO - DEPARTMENT OF WATER MANAGEMENT  
EXISTING WATERMAIN AT MONROE STREET  
SCALE: N.T.S. SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2014-016R&B	COOK	378	95A

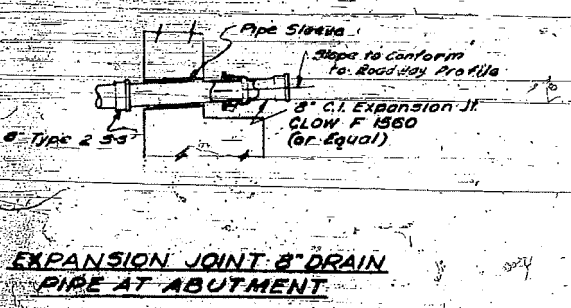
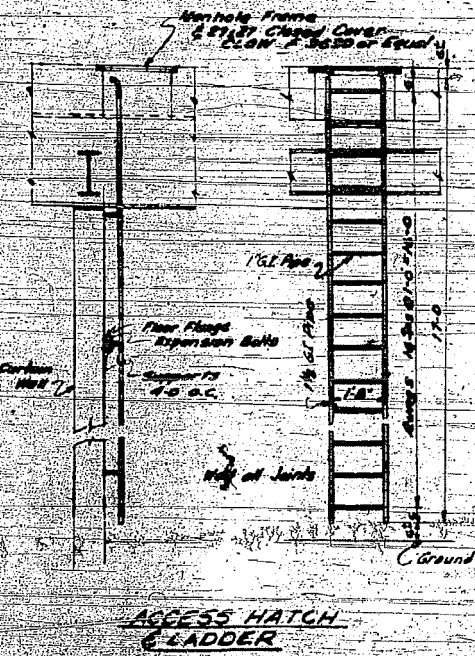
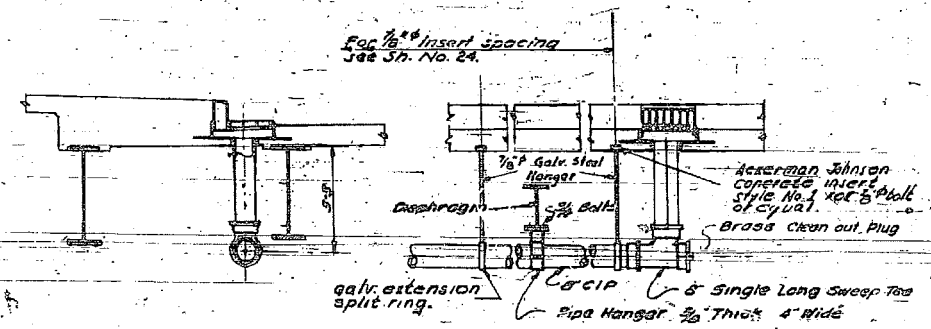
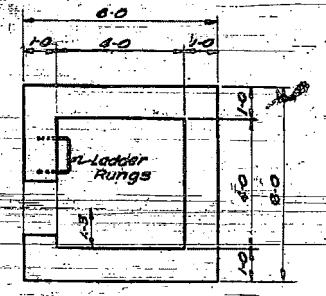
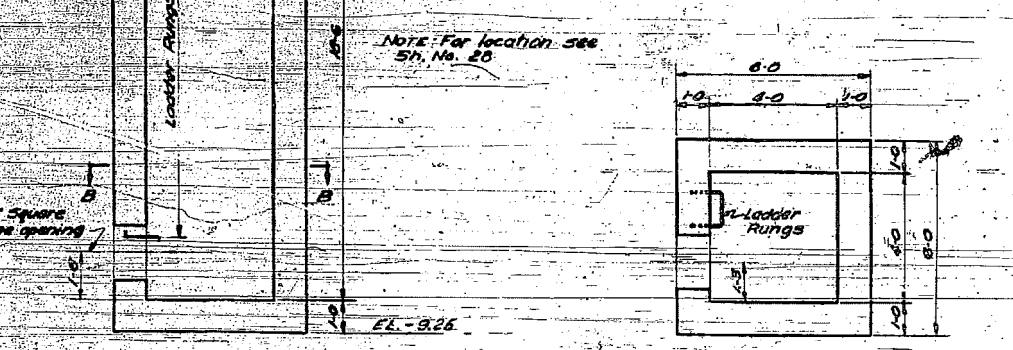
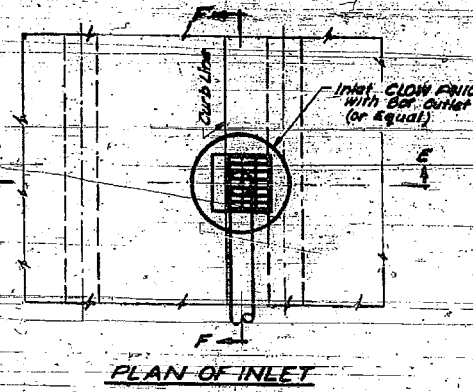
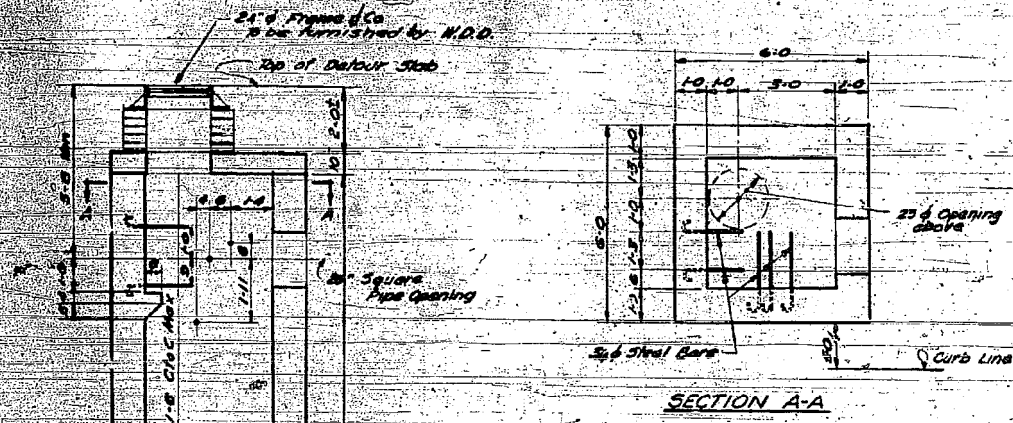
CONTRACT NO. 60X95  
ILLINOIS FED. AID PROJECT



PROJECT NO.	DATE	BY	SCALE
FA 175	11-24-48	COOK	60
DATE	BY	SCALE	
NOV 24 1948	COOK		

DATE	BY
PLAN	SURVEYED
	PLOTTED
	ALIGNED
	CHECKED
	FILED
	NO. _____

DATE	BY
PROFILE	SURVEYED
	PLOTTED
	GRADES CHECKED
	STRUCTURE NOTATIONS OK'D
	NO. _____



FOR INFORMATION ONLY

NOTE  
For location of details see Sh. No. 25

CITY OF CHICAGO  
DEPARTMENT OF PUBLIC WORKS  
BUREAU OF ENGINEERING  
NORTHWEST ROUTE SUPERHIGHWAY  
MONROE ST. BRIDGE  
SECTION 0101.2 - 4B  
WATER RISER AND DRAINAGE DETAILS

H.W. LOCHNER AND CO. CONSULTING ENGINEERS  
180 N. WACKER DRIVE, CHICAGO, ILL.  
JAN. 1954

**PARSONS BRINCKERHOFF**

USER NAME = Kucharski	DESIGNED - MCC	REVISED -
PLOT SCALE = 1"=5'	DRAWN - MCC	REVISED -
PLOT DATE = 5/16/2017	CHECKED - RT	REVISED -
	DATE - 05/02/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CITY OF CHICAGO - DEPARTMENT OF WATER MANAGEMENT  
WATER RISER AND DRAINAGE DETAILS  
SCALE: N.T.S. SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 90/94	2014-016R&B	COOK	378	95B
			CONTRACT NO. 60X95	
ILLINOIS FED. AID PROJECT				

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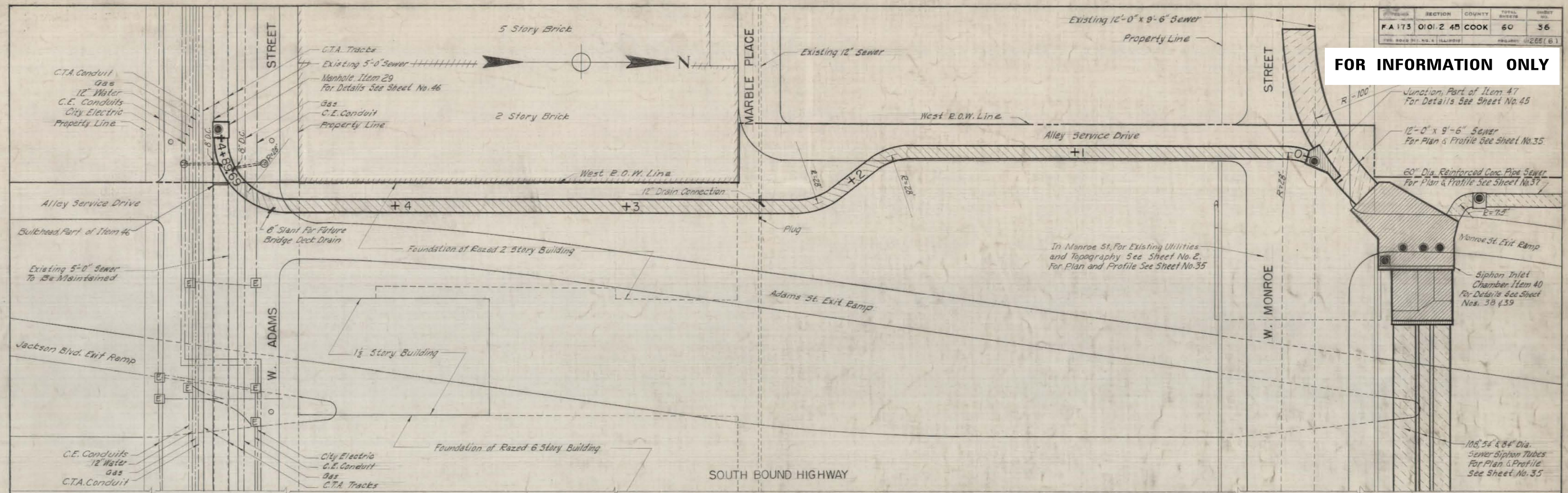




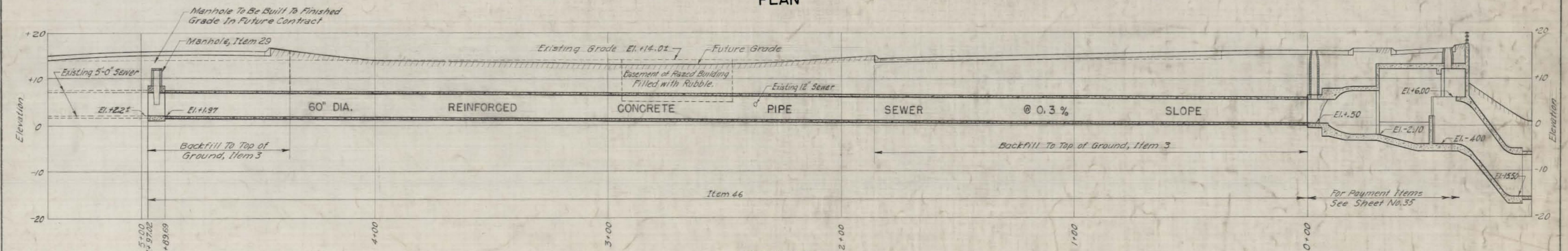


FOR INFORMATION ONLY

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 173 0101.2 45	COOK	60	56

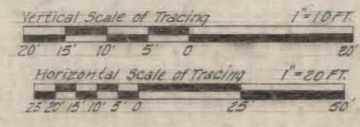


PLAN



PROFILE

- CONVENTIONAL SIGNS
- | FOR INDICATING PROPOSED WORK |                  | FOR INDICATING EXISTING UTILITIES |                               |
|------------------------------|------------------|-----------------------------------|-------------------------------|
|                              | Sewer            |                                   | City Sewer and Manhole        |
|                              | Manhole          |                                   | City Water and Manholes       |
|                              | Catch Basin      |                                   | City Electricity and Manholes |
|                              | Inlet            |                                   | C.E. Conduit and Manholes     |
|                              | Drain Connection |                                   | C.T.A. Conduit and Manholes   |
|                              | Slant            |                                   | Gas Line and Manholes         |
|                              | Bulkhead         |                                   | I.B.T. Conduit and Manholes   |
|                              | Plug             |                                   | C.T.A. Tracks                 |
|                              |                  |                                   | Catch Basin                   |
|                              |                  |                                   | Trolley and Light Pole        |



Notes:  
 For General Notes See Sheet No. 42.  
 For Details of Manholes and Drain Connections See Sheet No. 45.  
 For Existing Utilities in Monroe St. See Sheet No. 2.

REVISIONS	
DATE	DESCRIPTION

CITY OF CHICAGO  
 DEPARTMENT OF PUBLIC WORKS  
 BUREAU OF ENGINEERING  
 SEWER PLANNING DIVISION  
 NORTHWEST ROUTE SUPERHIGHWAY  
 MONROE ST. BRIDGE — SECTION 0101.2-48

**CONNECTING SEWER  
 ADAMS ST. TO MONROE ST.  
 PLAN AND PROFILE**

SCALE AS SHOWN  
 DATE: FEBRUARY, 1954  
 CONTRACT SHEET NO. 36

DRAWN BY L.S. ABINGTON  
 TRACED BY W.M. WALTER  
 CHECKED BY H.M. CHU  
 EXAMINED BY Clint J. Keifer  
 Asst. Engineer of Sewer Design

PLAN	DATE
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS OK'D	
NOTE BOOK NO.	
BY	

PROFILE	DATE
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS OK'D	
NOTE BOOK NO.	
BY	

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USER NAME = Kucharski	DESIGNED - MCC	REVISED -
PLOT SCALE = 1"=50'	DRAWN - MCC	REVISED -
PLOT DATE = 4/18/2017	CHECKED - RT	REVISED -
	DATE - 05/02/2017	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

AS BUILT SIPHON  
 PLAN AND DETAILS

SCALE: N.T.S. SHEET NO. 2 OF 13 SHEETS STA. TO STA.

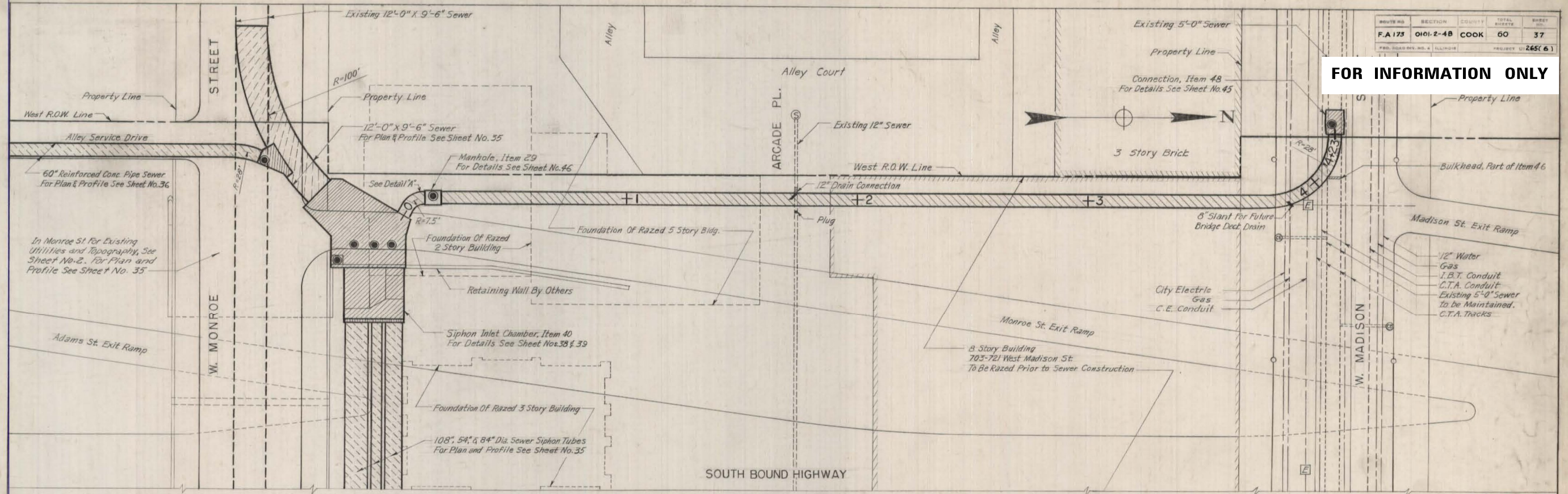
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 90/94	2014-016R&B	COOK	378	97
ILLINOIS FED. AID PROJECT				CONTRACT NO. 60X95



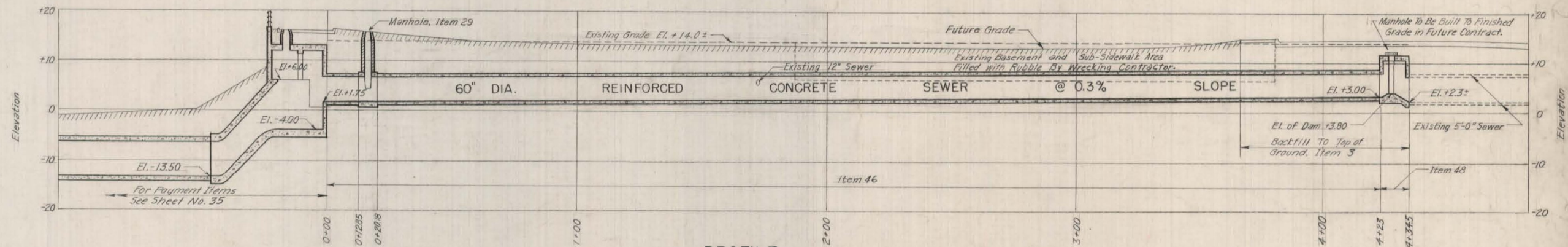
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	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NOTE BOOK	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NOTE BOOK	
	NO.	

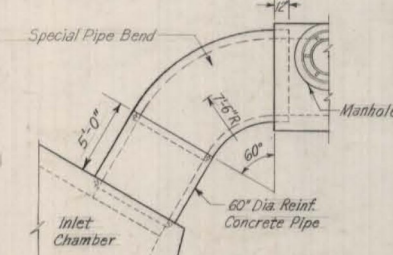
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PLAN



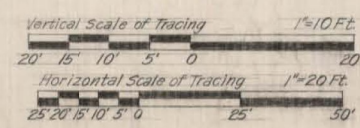
PROFILE



DETAIL "A"  
Scale: 3/8" = 1'-0"

Notes:  
For Conventional Signs See Sheet No. 36  
For General Notes See Sheet No. 42  
For Details of Manholes and Drain Connections See Sheet No. 46

DRAWN BY L. S. Abington  
 TRACED BY L. S. Abington  
 CHECKED BY H. H. Chu  
 EXAMINED BY Clint A. Kiefer  
 Asst. Engineer of Sewer Design



REVISIONS	
DATE	DESCRIPTION

CITY OF CHICAGO  
 DEPARTMENT OF PUBLIC WORKS  
 BUREAU OF ENGINEERING  
 SEWER PLANNING DIVISION  
 NORTHWEST ROUTE SUPERHIGHWAY  
 MONROE ST. BRIDGE - SECTION 0101.2-4B

**CONNECTING SEWER  
 MONROE ST. TO MADISON ST.  
 PLAN AND PROFILE**

SCALE: AS SHOWN  
 DATE: FEBRUARY, 1954  
 CONTRACT SHEET NO. 37

**PARSONS  
 BRINCKERHOFF**

USER NAME = Kucharski	DESIGNED - MCC	REVISED -
	DRAWN - MCC	REVISED -
PLOT SCALE = 1"=50'	CHECKED - RT	REVISED -
PLOT DATE = 4/18/2017	DATE - 05/02/2017	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

AS BUILT SIPHON  
 PLAN AND DETAILS

SCALE: N.T.S. SHEET NO. 3 OF 13 SHEETS STA. TO STA.

F.A.I. RTE. 90/94	SECTION 2014-016R&B	COUNTY COOK	TOTAL SHEETS 378	SHEET NO. 98
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X95	







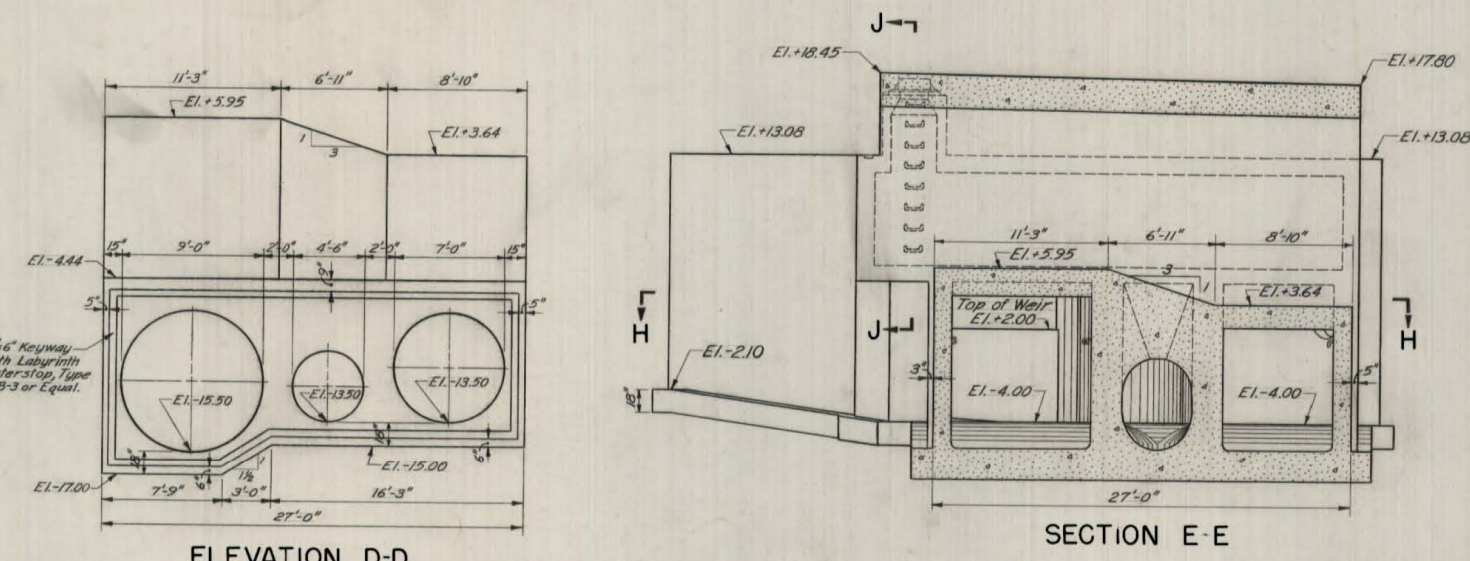
DATE	
BY	
PLAN	
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DATE	
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PROFILE	
SURVEYED	
PLOTTED	
NOTED	
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FILE NAME	

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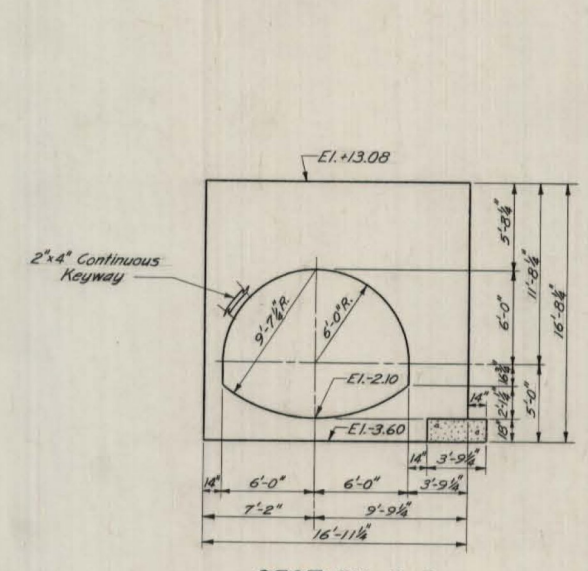
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A. 173	0101.2-4B	COOK	60	39
FEB. ROAD DIV. NO. 4		ILLINOIS		PROJECT U1265.6

**FOR INFORMATION ONLY**

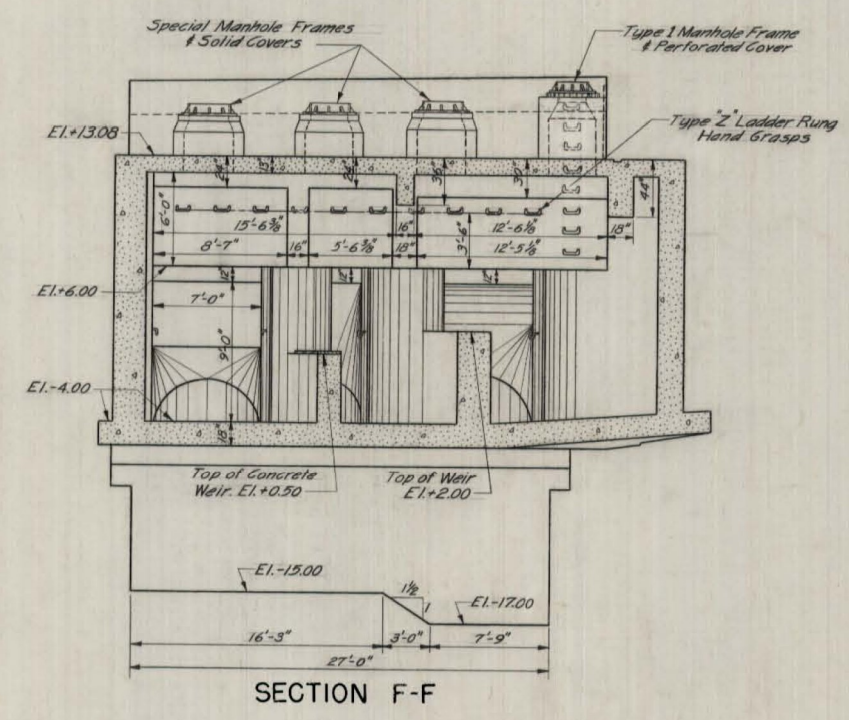


ELEVATION D-D

SECTION E-E

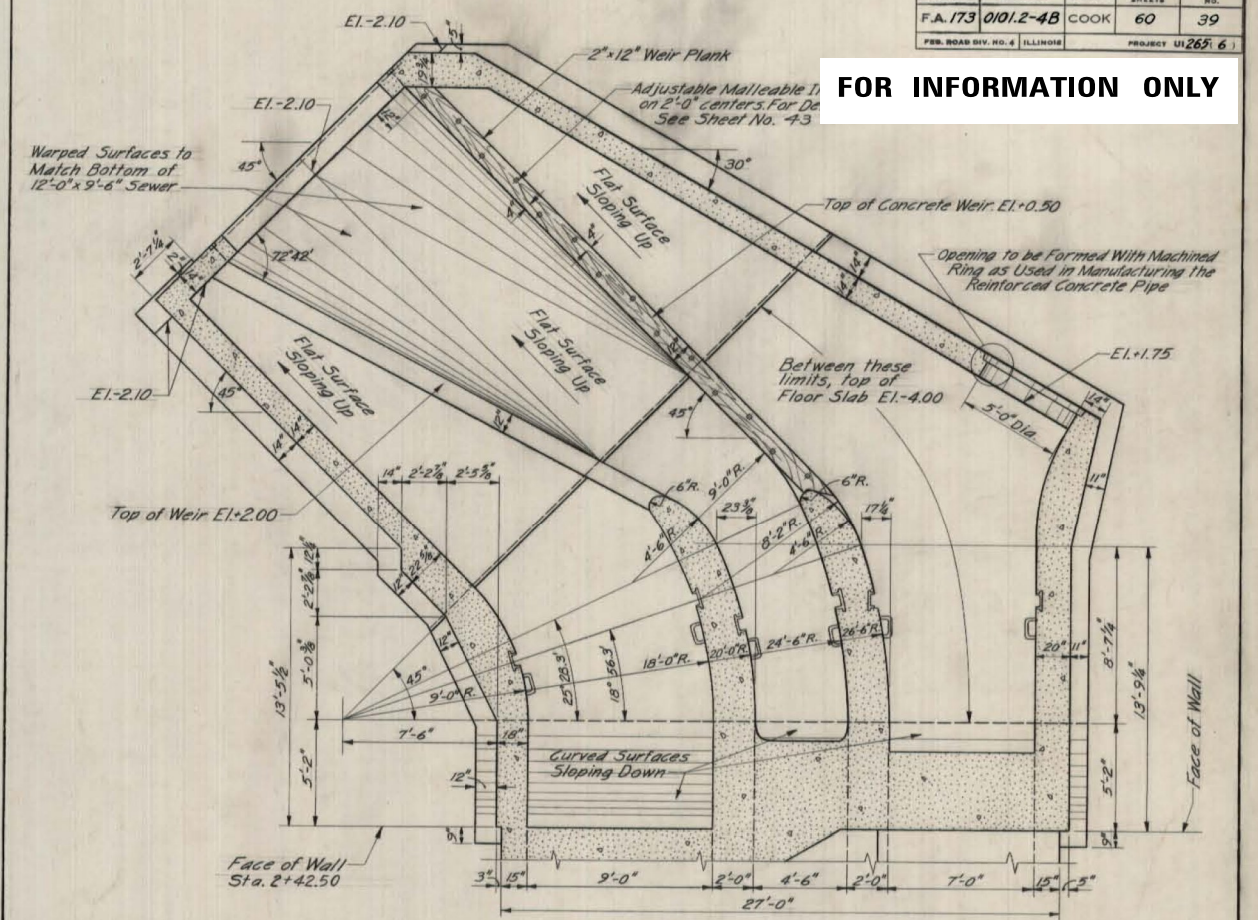


SECTION G-G



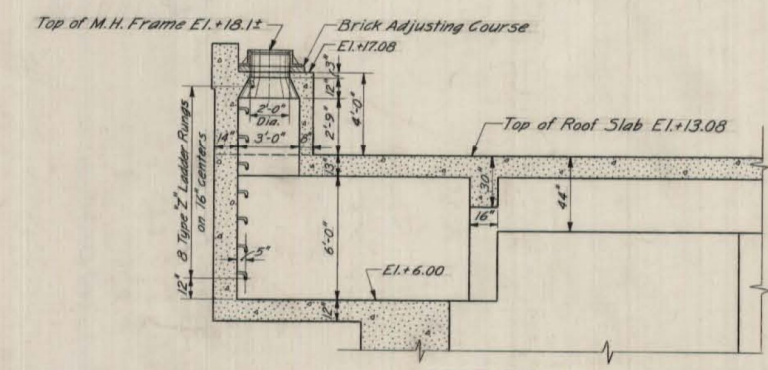
SECTION F-F

Scale: 3/8" = 1'-0"



SECTIONAL PLAN H-H

Taken at El.+4.25

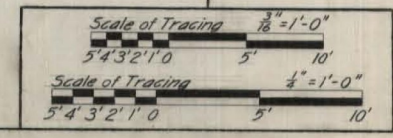


SECTION J-J

Scale: 1/4" = 1'-0"

DRAWN BY N. Di GIUSTO  
 TRACED BY G. ROUSEK JR.  
 CHECKED BY H.H. CHU  
 EXAMINED BY *Chas. J. Keeler*  
 Asst. Engineer Of Sewer Design

Notes:  
 Unless Otherwise Noted, All Work Shown On This Sheet Is Part Of Item 40  
 Handrails On The Top Of Parapet Wall, Item 22, Not Shown, For Details See Sheet Nos. 27 & 43  
 For Reinforcement Steel Details See Sheet Nos. 52, 53, & 54  
 For Foundation Piling Details, Omitted On This Sheet, See Sheet No. 51  
 For General Plan and Profile See Sheet No. 35  
 For General Notes See Sheet No. 42  
 For Additional Dimensions of Floor Mat See Sheet No. 42



REVISIONS	
DATE	DESCRIPTION

CITY OF CHICAGO  
 DEPARTMENT OF PUBLIC WORKS  
 BUREAU OF ENGINEERING  
 SEWER PLANNING DIVISION  
 NORTHWEST ROUTE SUPERHIGHWAY  
 MONROE ST. BRIDGE — SECTION 0101.2-4B  
**SIPHON INLET CHAMBER SECTIONS**  
 SCALE: AS SHOWN  
 DATE: FEBRUARY, 1954  
 CONTRACT SHEET NO. **39**

**PARSONS BRINCKERHOFF**

USER NAME = Kucharski	DESIGNED - MCC	REVISED -
PLOT SCALE = 1"=50'	DRAWN - MCC	REVISED -
PLOT DATE = 4/18/2017	CHECKED - RT	REVISED -
	DATE - 05/02/2017	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

AS BUILT SIPHON  
 PLAN AND DETAILS

SCALE: N.T.S. SHEET NO. 5 OF 13 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 90/94	2014-016R&B	COOK	378	100
ILLINOIS FED. AID PROJECT				CONTRACT NO. 60X95