

FOR INDEX OF SHEETS AND STANDARDS SEE SHEET NO. 2

LOCATION:	ADT (2040):	DESIGN DESIGNATIONS:	POSTED /DESIGN SPEEDS:
SB I-55	63,000	4970 (40) INTERSTATE 5.57(PCC-20)	45 /50 MPH
RAMP NW	22,000	2100 (40) INTERSTATE (RAMP) 1.84(PCC-20)	35 /35 MPH
RAMP SW	41,000	3250 (40) INTERSTATE (RAMP) 3.24(PCC-20)	35 /35 MPH

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

F.A.I. ROUTE 55 (STEVENSON EXPRESSWAY)
 SECTION: 2010-080-B
 PROJECT: ACNHPP-0055(410)
 RECONSTRUCTION OF I-55 AND
 US 41 (LAKE SHORE DRIVE) INTERCHANGE
 COOK COUNTY
 C-91-002-11

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	1

ILLINOIS CONTRACT NO. 60L70
 *886 431-917

D-91-002-11



NPDES PERMIT INFORMATION	
NPDES Disturbed	
Area =	8.42 Acres
Approximate Location of Roadway is :	
Longitude	87° 36' 52.72" W
Latitude	41° 50' 54.25" N



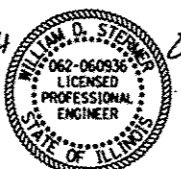
Michael J. Eichten 8/11/14
 MICHAEL J. EICHEN, P.E. DATE
 LICENSE EXPIRES 11/30/2015
 SHEET RANGE



Chris L. Stine 8/11/14
 CHRIS L. STINE, P.E., S.E. DATE
 LICENSE EXPIRES 11/30/2014
 SHEET RANGE



Amish T. Bhatt 8/11/14
 AMISH T. BHATT, P.E., S.E. DATE
 LICENSE EXPIRES 11/30/2014
 SHEET RANGE



William D. Stermer 8/6/14
 WILLIAM D. STERMER, P.E. DATE
 LICENSE EXPIRES 11/30/2015
 SHEET RANGE



Mohsen Farahany 8/6/14
 MOHSEN FARAHANY, P.E., S.E. DATE
 LICENSE EXPIRES 11/30/2014
 SHEET RANGE



Edward E. Youssif 8/8/14
 EDWARD E. YOUSIF, P.E. DATE
 LICENSE EXPIRES 11/30/2015
 SHEET RANGE

SB I-55 BRIDGE CONSTRUCTION
 STA 85+98.50 TO STA 93+38.50

SB I-55 ROAD AND
 RETAINING WALL CONSTRUCTION
 STA 80+86.00 TO STA 86+06.00

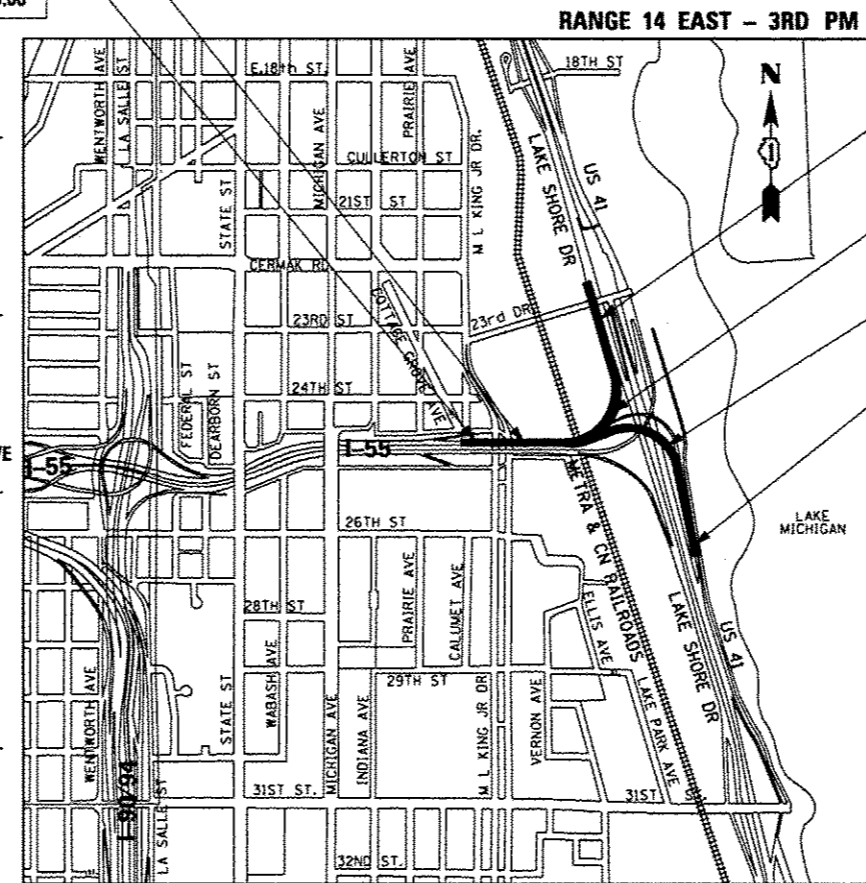
SB I-55 OVER I-55 TURNAROUND
 AND MLK DRIVE:
 SN 016-1055 (EXIST.)
 SN 016-1501 (PROP.)
 STRUCTURE REMOVAL AND REPLACEMENT
 LENGTH = 740'-0"

RAMP NW OVER LAKE SHORE DRIVE
 & MOE DRIVE:
 SN 016-1048 (EXIST.)
 SN 016-1505 (PROP.)
 STRUCTURE REMOVAL AND REPLACEMENT
 LENGTH = 1444'-0"

RAMP SW OVER MOE DRIVE, MINES DRIVE
 AND METRA/CN RAILROADS:
 SN 016-1052 (EXIST.)
 SN 016-1504 (PROP.)
 STRUCTURE REMOVAL AND REPLACEMENT
 LENGTH = 1018'-0"

RECONSTRUCTION OF BRIDGE APPROACH
 PAVEMENTS AND APPROACH ROADWAYS

RETAINING WALL CONSTRUCTION:
 SB I-55 WALL: SN 016-0741
 RAMP NW WALL: SN 016-0746
 RAMP SW WALL: SN 016-0745



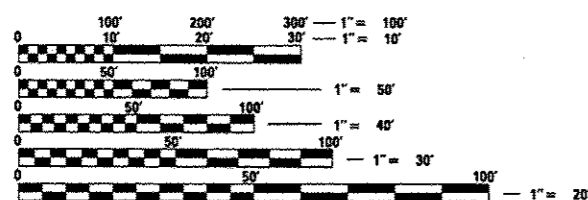
RAMP SW ROAD AND
 RETAINING WALL CONSTRUCTION
 STA 103+49.00 TO STA 114+08.00

RAMP SW BRIDGE CONSTRUCTION
 STA 93+38.50 TO STA 103+56.50

RAMP NW BRIDGE CONSTRUCTION
 STA 397+03.93 TO STA 411+47.93

RAMP NW ROAD AND
 RETAINING WALL CONSTRUCTION
 STA 411+40.43 TO STA 422+28.31

PROJECT LOCATED IN CITY OF CHICAGO



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

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

PROJECT ENGINEER - LISA CHRZASC
 PROJECT MANAGER - BRIAN KUTTAB

CONTRACT NO. 60L70

LOCATION MAP

NOT TO SCALE

GROSS LENGTH = 5,869 FT. = 1.112 MILE
 NET LENGTH = 5,869 FT. = 1.112 MILE

VOLUME I

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
 DIVISION OF HIGHWAYS

SUBMITTED August 13, 2014
[Signature]
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Dec 18, 2014
[Signature]
 ENGINEER OF DESIGN AND ENVIRONMENT

Dec 18, 2014
[Signature]
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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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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FILE NAME = D:\82870-SH-1-INDEX.dgn



USER NAME = AuYeaugh	DESIGNED - CRH	REVISED -
DRAWN - CRH	CHECKED - MJE	REVISED -
PLAT SCALE = 50.0000' / 1" IN.	DATE = 08/22/2014	REVISED -
PLAT DATE = 8/27/2014		

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS

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

F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	2
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				

DISTRICT 1 STANDARDS

DI STANDARD NO.	DESCRIPTION
BD-07	DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER
BD-08	DETAILS FOR FRAMES AND LIDS ADJUSTMENT FOR MILLING
BD-12	MANHOLE WITH RESTRICTOR PLATE
BD-17	CITY OF CHICAGO PC CONC DRIVEWAY, ALLEY RETURN AND SIDEWALK
BD-22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
BD-24	CURB OR CURB GUTTER REMOVAL AND REPLACEMENT
BD-27	CONCRETE BARRIER TRANSITION, GENERAL DETAILS AND CONCRETE BARRIER BASE
BD-28	RUSTIFICATION FINISH AND GEOCOMPOSITE DRAIN FOR RETAINING WALLS
BD-32	BUTT JOINTS AND MMA TAPER
BD-48	PCC PAVEMENT ROUNDOUTS AT CURB AND GUTTER
BD-49	DETAIL OF C.L. SAWCUT 4.9m (16') & VAR. JOINTED PCC PAV'T. FOR RAMPS
BD-51	BENCHING DETAIL FOR EMBANKMENT WIDENING
BE-205	LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 200AMP (DUAL) RADIO SCADA (4 SHEETS)
BE-301	LIGHT POLE FOUNDATION 40' (12.192 m) TO 47 1/2' (14.478 m) M.H. 15" (381 mm) BOLT CIRCLE
BE-330	LIGHT POLE MOUNTED ON CONCRETE PARAPET WALL 15" (381 mm) BOLT CIRCLE
BE-410	DAVIT LIGHT POLE 47'-6" (14.478 m) MOUNTING HEIGHT
BE-701	LUMINAIRE SAFETY CABLE ASSEMBLY
BE-702	MISCELLANEOUS DETAILS, SHEET A - CABLE SPLICE, POLE WIRING, TRENCH DETAIL
BE-703	MISCELLANEOUS DETAILS, SHEET B - J BOX EMBEDDED IN BARRIER WALL - INSTALLATION OF CONDUIT IN BRIDGE PARAPET EXPANSION JOINT - ELECTRIC CONNECTION TO UNDERPASS LIGHTING
BE-800	TEMPORARY LIGHT POLE DETAILS
BE-801	TEMPORARY AERIAL CABLE INSTALLATION
BE-900	SUSPENDED MOUNT UNDERPASS LUMINAIRE INSTALLATION DETAILS
BE-1000	CCTV CAMERA STRUCTURE 50' (15-24 m) MOUNTING HEIGHT
BE-1001	CCTV CAMERA STRUCTURE 50' (15-24 m) MOUNTING HEIGHT
TC-08	FREEWAY ENTRANCE AND EXIT RAMP CLOSURE DETAILS
TC-09	TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE & MULTI-LANE WEAVE
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDES ROADS, INTERSECTIONS, AND DRIVEWAYS
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TC-18	FREEWAY/EXPRESSWAY SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS ON FREEWAY/EXPRESSWAYS
TC-21	DETOUR SIGNING FOR CLOSING STATE HIGHWAY
TC-22	ARTERIAL ROAD INFORMATION SIGN
TC-24	CITY OF CHICAGO TYPICAL PAVEMENT MARKINGS (3 SHEETS)
TC-27	MILE POST MARKERS - CORE SIGNS MAJOR GUIDE SIGN LAYOUT - ARROWS

IDOT TRAFFIC SYSTEMS CENTER STANDARDS

ITS STANDARD NO.	DESCRIPTION
TY-ITSC-400*4	CABINET DETAIL SHEET
TY-ITSC-400*6	FIELD MOUNTING FRAME WITH CRADLE ASSEMBLY
TY-ITSC-400*7	FIELD CRADLE ASSEMBLY
TY-ITSC-400*11	CABINET - HANDHOLE CONDUIT DETAIL
TY-ITSC-400*13	TYPE 3 CABINET WIRING DIAGRAM
TY-ITSC-400*15	PC CONCRETE - HEAVY DUTY HAND HOLE
TY-ITSC-400*19	DISTRICT 1 SURVEILLANCE POLE-MOUNTED ELECTRIC SERVICE BOX DETAIL
TY-ITSC-400*20	POLE MOUNTED DISCONNECT MOUNTING DETAILS
TY-ITSC-400*30	JUNCTION BOX "TYPE J" IN DOUBLE FACED BARRIER WALL
TY-ITSC-400*31	ONE LANE COUNT STATION
TY-ITSC-418*1	EXISTING ROUND LOOP INSTALLATION
TY-ITSC-418*2	EXISTING ROUND INDUCTION LOOP TYPICALS
TY-ITSC-418*3	RECTANGULAR INDUCTION LOOP TYPICAL
TY-ITSC-418*4	LOOP, CONDUIT & DUCT INSTALLATION DETAILS
TY-ITSC-418*6	NEW CONSTRUCTION ROUND INDUCTION LOOP TYPICAL INSTALLATION
TY-ITSC-418*7	LOOP STATUS REPORT
TY-ITSC-418*8	DIVE HOLE DUCT SYSTEM
TY-ITSC-418*9	PREFORMED LOOP INSTALLATION IN BRIDGE DECK
TY-ITSC-418*10	PREFORMED LOOP TYPICAL INSTALLATION NON-BRIDGE DECK APPLICATION
TY-ITSC-663*1	CONCRETE BARRIER WALL JUNCTION BOX TYPE "J"
TY-ITSC-663*2	TYPE "J" JUNCTION BOX & P.V.C. DUCT PLACEMENT
TY-ITSC-663*3	TRAFFIC SURVEILLANCE BARRIER WALL DUCT DETAIL ON BRIDGE DECK
TY-ITSC-663*4	TRAFFIC SURVEILLANCE BARRIER WALL DUCT DETAILS
TY-ITSC-663*13	FIBER OPTIC WIRING DETAIL

HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-04	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-08	PAVEMENT JOINTS
420101-05	24" (7.2m) JOINTED PCC PAVEMENT
420106-05	36' (10.8 m) JOINTED PCC PAVEMENT
420111-03	PCC PAVEMENT ROUNDOUTS
420401-11	BRIDGE APPROACH PAVEMENT CONNECTOR
442001-04	CLASS A PATCHES
442101-07	CLASS B PATCHES
442201-03	CLASS C AND D PATCHES
483001-04	PCC SHOULDER
515001-03	NAME PLATE FOR BRIDGES
601001-04	SUB-SURFACE DRAINS
601101-01	CONCRETE HEADWALL FOR PIPE DRAIN
602001-02	CATCH BASIN TYPE A
602011-02	CATCH BASIN TYPE C
602301-04	INLET TYPE A
602401-03	MANHOLE TYPE A
602406-00	MANHOLE TYPE A 6' (1.8 m) DIAMETER
602416-04	MANHOLE TYPE A 8' (2.4 m) DIAMETER
602421-04	MANHOLE TYPE A 9' (2.7 m) DIAMETER
602601-03	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-04	FRAME AND LIDS TYPE 1
604036-03	GRATE TYPE B
604061-03	FRAME AND GRATE TYPE 12
604071-05	FRAME AND GRATE TYPE 20
604091-03	FRAME AND GRATE TYPE 24
630001-10	STEEL PLATE BEAM GUARDRAIL
631026-06	TRAFFIC BARRIER TERMINAL TYPE 5
631031-13	TRAFFIC BARRIER TERMINAL TYPE 6
635001-01	DELINEATORS
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
637006-03	CONCRETE BARRIER, DOUBLE FACE, 42in. (1065mm) HEIGHT
666001-01	RIGHT OF WAY MARKERS
701101-04	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS-DAY ONLY
701400-08	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-09	LANE CLOSURE, FREEWAY / EXPRESSWAY
701406-09	LANE CLOSURE, FREEWAY / EXPRESSWAY, DAY OPERATIONS ONLY
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH
701421-07	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH TO 55 MPH
701422-07	LANE CLOSURE, MULTILANE, FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH TO 55 MPH
701423-08	LANE CLOSURE, MULTILANE, WITH BARRIER, FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH TO 55 MPH
701426-07	MULTI-LANE, INTERMITTENT OR MOVING OPERATION
701427-03	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS FOR SPEEDS LESS THAN OR EQUAL TO 40 MPH
701428	TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY/EXPRESSWAY
701446-06	TWO LANE CLOSURE FREEWAY/EXPRESSWAY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701801-05	SIDEWALK CORNER OR CROSSWALK CLOSURE
701901-04	TRAFFIC CONTROL DEVICES
704001-07	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS
780001-05	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

FILE NAME = 01662_78-01-01-01-01-01-01.dgn



USER NAME = schmanahud	DESIGNED - CRH	REVISED -
PLOT SCALE = 58.2000 1/4 in.	DRAWN - DMS	REVISED -
PLOT DATE = 8/27/2014	CHECKED - MJE	REVISED -
	DATE - 08/22/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 1, IDOT TSC STANDARDS,
HIGHWAY STANDARDS AND COMMITMENTS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	3
CONTRACT NO. 60L70			ILLINOIS FED. AID PROJECT	

GENERAL NOTES

1. SEVENTY-TWO (72) HOURS BEFORE STARTING EXCAVATION, THE CONTRACTOR SHALL CALL CUAN (CHICAGO UTILITY ALERT NETWORK) AT (312) 744-7000 TO HAVE THE LOCATION OF EXISTING UNDERGROUND UTILITIES MARKED IN THE FIELD.
2. A MINIMUM OF SEVENTY-TWO (72) HOURS PRIOR TO ANY PLACEMENT OR RELOCATION OF MAINTENANCE OF TRAFFIC DEVICES, CONTACT ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT) DISTRICT 1 BUREAU OF TRAFFIC AT (847) 705-4151
3. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS TO PERFORM WORK.
4. TRANSITIONS SHALL BE USED TO MATCH PROPOSED ITEMS OF WORK INTO EXISTING ITEMS IN THE FIELD. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEM OF WORK SPECIFIED UNLESS OTHERWISE SPECIFIED IN THE PLANS.
5. ALL ELEVATIONS IN THE PLANS ARE BASED UPON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). THE CONVERSION OF NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) TO CITY OF CHICAGO DATUM IS APPROXIMATELY 579.19 FEET.
6. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE OR CITY PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT OR THE CITY OF CHICAGO.
7. THE IDOT HIGHWAY STANDARDS LATEST REVISION NUMBERS SHALL APPLY TO THIS PROJECT.
8. 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.
9. 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.
10. 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.
11. THE CONTRACTOR SHALL COORDINATE WORK WITH RAILROADS AND UTILITIES IN ADVANCE OF WORKING IN THE VICINITY OF THEIR FACILITIES, AND ALLOW SUFFICIENT TIME FOR THEM TO PERFORM ADJUSTMENTS TO THEIR FACILITIES IN ACCORDANCE WITH THE CONTRACTOR'S SCHEDULE. COORDINATION EFFORTS SHALL BE INCLUDED IN THE COST OF THE CONTRACT BID PRICE.
12. THE CONTRACTOR MUST CALL THE IDOT ELECTRICAL MAINTENANCE CONTRACTOR TO LOCATE IDOT FACILITY CABLES.
13. THE PROPOSED EMBANKMENT SHALL BE BENCHED INTO THE EXISTING SLOPES TO THE SATISFACTION OF THE ENGINEER. SEE DISTRICT 1 DETAILS FOR BENCHING DETAIL.
14. THE ACTUAL NEED FOR ADDITIONAL "AGGREGATE SUBGRADE IMPROVEMENT" FOR UNDERCUTS SHALL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHALL BE TESTED WITH A STATIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.4 OF THE STANDARD SPECIFICATIONS AND THE UNDERCUT GUIDELINES IN THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT) DISTRICT 1 AGGREGATE SUBGRADE IMPROVEMENT SPECIAL PROVISION. IF UNSTABLE AND/OR UNSUITABLE MATERIALS ARE ENCOUNTERED AT THE PROPOSED SUBGRADE LEVEL, THESE SOILS SHALL BE REMOVED AND REPLACED WITH AGGREGATE SUBGRADE IMPROVEMENT AS DETERMINED BY THE GEOTECHNICAL ENGINEER. ANY AGGREGATE SUBGRADE IMPROVEMENT NOT NEEDED AT THE TIME OF CONSTRUCTION SHOULD BE DELETED FROM THE CONTRACT WITH NO EXTRA COMPENSATION TO THE CONTRACTOR.
15. ALL ROADWAY WIDTHS AND RADII SHOWN ON THE PLANS ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
16. a) ALL CDOT SEWER CONNECTIONS WITH PIPES 27 INCHES IN DIAMETER AND SMALLER SHALL BE MADE WITH PRECAST "TEE" OR "ELBOW" PIPES. FOR PROPOSED STORM SEWERS LARGER THAN 27 INCHES IN DIAMETER, OPENINGS OF THE SPECIFIED DIAMETER SHALL BE IN THE PIPE AT THE TIME IT IS MANUFACTURED. PRECAST "TEE" AND "ELBOW" PIPE CONNECTIONS FOR PROPOSED STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST FOR THE STORM SEWERS.

- b) STORM SEWER (WATER MAIN REQUIREMENTS) IS TO BE USED AT LOCATIONS WHERE LATERAL SEPARATION BETWEEN THE SEWER AND WATER MAIN IS LESS THAN 10 FT AND THE VERTICAL SEPARATION IS LESS THAN 1.5 FT. DUCTILE IRON PIPE WITH RUBBER GASKET JOINTS SHALL BE USED FOR ALL STORM SEWER (WATER MAIN REQUIREMENTS).
- c) THE OFFSETS TO DRAINAGE STRUCTURES WERE DETERMINED USING THE CRITERIA LISTED BELOW UNLESS OTHERWISE INDICATED:
 - i. THE OFFSETS TO ALL INLETS AND CATCH BASINS IN CURBED ROADWAYS ARE TO THE EDGE OF PAVEMENT OR EDGE OF SHOULDER. (RIM EL. MEASURED AT O/S LOCATION)
 - ii. THE OFFSETS TO ALL INLETS AND CATCH BASINS IN ROADWAYS WITH BARRIER WALL ARE TO THE EDGE OF SHOULDER. (RIM EL. MEASURED AT O/S LOCATION)
 - iii. THE OFFSETS TO MANHOLES, STRUCTURES IN GORE AREAS, AND STRUCTURES IN INFIELD AREAS ARE TO THE CENTER OF THE DRAINAGE STRUCTURE. A CONCENTRIC DRAINAGE STRUCTURE WAS USED TO CALCULATE THIS DISTANCE. (RIM EL. MEASURED AT O/S LOCATION)
 - iv. THE OFFSETS TO DRAINAGE STRUCTURES IN SWALES OR DITCHES ARE TO THE FLOW LINE OF THE SWALE OR DITCH.
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. ALL REINFORCEMENT BARS, DOWEL BARS, AND TIE BARS SHOULD BE EPOXY COATED UNLESS OTHERWISE NOTED IN THE PLANS.
21. IF ANY UNDERGROUND STORAGE TANKS 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. COMPENSATION FOR THIS WORK WILL BE ACCORDING TO ART. 109.04 OF THE STANDARD SPECIFICATIONS.
22. BEFORE ORDERING STORM SEWERS, CATCH BASINS, PIPE CULVERTS, PIPE DRAINS, MANHOLES, INLETS, AND SCUPPERS, THE CONTRACTOR SHALL REVIEW THE EXISTING FIELD CONDITIONS AND THE DRAINAGE SCHEDULES FOUND IN THE PLANS FOR THE EXACT LENGTH AND QUANTITY REQUIRED. DRAINAGE GRADES SHALL BE VERIFIED IN FIELD PRIOR TO INSTALLATION OF DRAINAGE ITEMS.
23. CONNECTING EXISTING DRAINAGE SYSTEMS TO PROPOSED DRAINAGE SYSTEMS SHALL BE INCLUDED IN THE COST OF THE PROPOSED DRAINAGE ITEMS. CARE SHALL BE TAKEN BY THE CONTRACTOR TO NOT DAMAGE THE EXISTING DRAINAGE SYSTEMS. ANY DAMAGE CAUSED BY THE CONTRACTOR TO THE EXISTING DRAINAGE SYSTEMS SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE AND TO THE SATISFACTION OF THE ENGINEER. NO ADDITIONAL COMPENSATION SHALL BE PROVIDED.
24. THE CONTRACTOR SHALL MAINTAIN THE SURFACE DRAINAGE OF ALL ROADWAYS DURING CONSTRUCTION OF THIS PROJECT. WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS, INLETS, AND CATCH BASINS. THE CONTRACTOR SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER, WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE SAME. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN A TEMPORARY OUTLET AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM ALL THESE TEMPORARY CONNECTIONS UNTIL INSTALLATION IS COMPLETE, INCLUDING PAVEMENT. THIS WORK SHALL NOT BE PAID FOR DIRECTLY BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT. COORDINATION WITH ALL AGENCIES INVOLVED IS REQUIRED.

25. DURING CONSTRUCTION OPERATIONS, IF ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, THE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF THE CONSTRUCTION OPERATIONS, ALL UTILITY STRUCTURES SHALL BE FREE FROM DUST AND DEBRIS. THE WORK SPECIFIED ABOVE WILL NOT BE PAID SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
26. THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS FOR THE PROTECTION OF EXISTING PLANT MATERIAL FOR WHICH THE CONTRACT DOES NOT PROVIDE REMOVAL. THE PROTECTION OF EXISTING PLANT MATERIAL AND THE REPAIR OR REPLACEMENT OF THE EXISTING PLANT MATERIAL DAMAGED BY THE CONTRACTOR SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 201 OF THE STANDARD SPECIFICATIONS.
27. LAYOUT OF LANDSCAPED AREAS WILL REQUIRE APPROVAL OF THE ENGINEER PRIOR TO SEEDING AND PLANTING.
28. 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 AND FOR MAINTAINING ANY NECESSARY ACCESS TO PRIVATE PROPERTIES AND SIDE STREETS DURING THIS CONTRACT.
29. 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.
30. REMOVAL OR COVERING OF EXISTING REGULATORY, WARNING, AND/OR TRAFFIC SIGNS WHICH INTERFERE WITH CONSTRUCTION AND/OR CONFLICT WITH CONSTRUCTION TRAFFIC PATTERNS DESCRIBED IN THE MAINTENANCE OF TRAFFIC PLANS OR DIRECTED BY THE ENGINEER SHALL BE INCLUDED IN THE LUMP SUM CONTRACT UNIT PRICE FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
31. 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.
32. ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE REMOVED WITHIN THE LIMITS OF THE RIGHT-OF-WAY AND DISPOSED OF IN ACCORDANCE 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.
33. ANY ABANDONED UTILITY OR SEWER ENCOUNTERED DURING CONSTRUCTION OR ANY EXISTING UTILITY OR SEWER ABANDONED AS PART OF THE CONSTRUCTION THAT IS NOT BEING FILLED WITH C.L.S.M., AS PER PLAN, SHALL BE PLUGGED AS DIRECTED BY THE ENGINEER AND ABANDONED IN PLACE. THIS WORK SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
34. SAW CUT (FULL DEPTH) SHALL BE REQUIRED AT THE JOINT BETWEEN PAVEMENT, SIDEWALK, CURB AND GUTTER, MEDIAN, DRIVEWAY PAVEMENT, HOT-MIX ASPHALT SURFACES TO BE REMOVED AND THAT LEFT IN PLACE OR AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEMS.
35. UNLESS OTHERWISE NOTED, ALL COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 ALONG THE MAINLINE AND MAINLINE RAMPS SHALL BE DEPRESSED.
36. THE DEPARTMENT HAS NOT OBTAINED ANY PERMITS FOR OFFSITE BORROW OR WASTE/USE (BWU) AREAS. PRIOR TO WORKING IN BWU AREAS, IF THE CONTRACTOR CHOOSES TO USE ACTIVITIES REQUIRING PERMITS IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE PROPER PERMITS. IN ADDITION TO THE BORROW REVIEW (BDE 2289) AND USE/WASTE REVIEW (BDE 2290) SUBMITTALS, THE CONTRACTOR WILL NEED TO SUBMIT AN EROSION AND SEDIMENT CONTROL (ESC) PLAN FOR EVERY BWU SITE TO THE DEPARTMENT FOR ACCEPTANCE. GUIDELINES FOR ACCEPTABLE BWU PRACTICES CAN BE FOUND IN SECTION II.5.A AND B OF THE SWPPP. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT ESC PLANS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

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

FILE NAME: D:\03-70-515-geom\03.dwg



USER NAME = AuYoungH	DESIGNED - CRH	REVISED -
PLOT SCALE = 1:8000' / 1"	DRAWN - DMS	REVISED -
PLOT DATE = 02/27/2014	CHECKED - MJE	REVISED -
	DATE = 08/22/2014	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

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

F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	4
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

37. THE RESIDENT ENGINEER SHALL CONTACT THE AREA TRAFFIC FIELD ENGINEER AT (847) 705-4153 A MINIMUM OF TWO (2) WEEKS PRIOR TO PLACING THE PERMANENT PAVEMENT MARKINGS.

38. THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS THAT WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S OWN EXPENSE.

39. THE CONTRACTOR SHALL TAKE ALL NECESSARY SAFETY PRECAUTIONS TO PROTECT AND PROVIDE ACCESS TO ADJUTING PROPERTY, UTILITIES, PEDESTRIANS, AND VEHICULAR TRAFFIC.

40. AREAS TO BE SEEDED BETWEEN NOVEMBER 1 AND APRIL 1 SHALL REQUIRE DORMANT SEEDING WHICH SHALL BE INCLUDED IN THE COST OF SEEDING CLASS 2A.

41. ALL UTILITY LIDS UNDER TRAFFIC SHALL BE SECURED TO THE FRAMES. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).

42. THE CONTRACTOR SHALL MAKE THEMSELVES AVAILABLE TO ATTEND MEETINGS WITH IDOT ETP PERSONNEL. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE CONTRACT.

43. ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

44. ALL PIPE UNDERDRAINS SHALL BE PAVED AT A DEPTH OF 30" BELOW THE TOP OF PROPOSED PAVEMENT OR AS DEEP AS POSSIBLE AND IN ACCORDANCE WITH CHECK SHEET #19 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS. THE COST OF MAKING PIPE UNDERDRAIN CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF PIPE UNDERDRAINS ITEM.

PRE-STAGE BRIDGE DECK PATCHING

NOMINAL QUANTITIES HAVE BEEN PROVIDED FOR PRE-STAGE BRIDGE DECK PATCHING OF THE OUTBOUND BRIDGES AND PATCHING OF THE INBOUND BRIDGES AS DIRECTED BY THE DEPARTMENT. ALL TRAFFIC CONTROL AND MOT STAGING WILL BE IN ACCORDANCE WITH THE HIGHWAY STANDARDS.

DECK SLAB REPAIR FULL DEPTH, TYPE II	250 SY
DECK SLAB REPAIR PARTIAL	50 SY

45. THE CONTRACTOR MUST USE EXTREME CAUTION DURING FULL DEPTH DECK SLAB REPAIR AND MUST NOT NICK, CUT, OR DAMAGE, IN ANY WAY, ANY OF THE STEEL BEAMS. THE EXISTING REINFORCEMENT BARS SHALL BE CLEANED. IF ANY OF THESE REINFORCEMENT BARS ARE DAMAGED, THEY MUST BE REPLACED WITH AN APPROVED BAR SPLICER OR ANCHORAGE SYSTEM. THE COST OF THIS WORK IS INCLUDED WITH DECK SLAB REPAIR (FULL DEPTH, TYPE II).

46. THERE ARE ELECTRICAL CONDUITS AND/OR FIBERGLASS DRAIN PIPES ATTACHED TO THE BOTTOM OF THE BRIDGE DECK. THE CONTRACTOR MAY MODIFY THE FORMING AND MUST EXERCISE EXTREME CAUTION DURING FULL DEPTH REPAIR BREAK OUT AND SHALL TEMPORARILY SUPPORT THE CONDUITS AND/OR DRAIN PIPES IF NEED BE, AT NO ADDITIONAL COST TO THE DEPARTMENT.

47. PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO ROUTINE VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN THE SCOPE OF THE WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED BASED UPON THE UNIT PRICE BID FOR THE WORK.

48. DURING ANY WORK WITHIN THE MCCORMICK PLACE PARKING LOT, THE CONTRACTOR MUST COORDINATE WITH THE MCCORMICK PLACE PARKING LOT AUTHORITY AS TO AVOID ANY AND ALL CONFLICTS DURING THIS CONTRACT.

49. ANY DAMAGES TO THE CONDUITS OR PIPES CAUSED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPLACED OR REPAIRED BY THE CONTRACTOR AT HIS/HER EXPENSE.

50. THE CONTRACTOR SHALL COORDINATE AND/OR MODIFY THE WORK SCHEDULE AS DIRECTED BY THE DEPARTMENT TO ACCOMMODATE SPECIAL EVENTS.

51. THE CONTRACTOR SHALL PLACE TEMPORARY CONCRETE BARRIER ADJACENT TO TEMPORARY SHORING AND CRIBBING TO PROVIDE A BARRIER FROM TRAFFIC. AN ESTIMATED THREE (3) SECTIONS OF TEMPORARY CONCRETE BARRIER WILL BE NEEDED.

52. THE CONTRACTOR SHALL USE PP3 CONCRETE FOR ALL DECK PATCHES.

53. THE CONTRACTOR WILL BE ALLOWED ADDITIONAL LANE CLOSURES TO MEASURE AND SAW CUT PATCHING AREAS AND TO LAYOUT WEAVE LOCATIONS.

CITY OF CHICAGO FACILITIES

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. CURB AND GUTTER CONSTRUCTION SHALL PROVIDE A MINIMUM CURB HEIGHT OF 3 INCHES AND 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 INCLUDED IN THE CONSTRUCTION COST OF THE UTILITY STRUCTURES OR THEIR ADJUSTMENT.

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, THE CONTRACTOR SHALL CONTACT THE CHICAGO DEPARTMENT OF WATER MANAGEMENT IMMEDIATELY AT (312) 747-8117 OR (312) 747-7893. IT WILL THEN BE THE CONTRACTORS RESPONSIBILITY TO RESTORE AND REPLACE THE DAMAGED FACILITIES AT HIS/HER EXPENSE TO THE SATISFACTION OF THE DEPARTMENT OF WATER MANAGEMENT. THE SEWER FLOWS MUST BE MAINTAINED AT ALL TIMES.

7. 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.

8. UPON COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL PROVIDE AS BUILT PLANS FOR ALL WORK TO THE COMMISSIONER. AS-BUILT PLANS MAY CONSIST OF MARK-UPS OF NOTES AND UPDATES TO THE ORIGINAL BID PLANS VIA ADOBE ACROBAT PROFESSIONAL, V. 7.0. OTHER MARK-UP METHODS MUST BE APPROVED BY THE COMMISSIONER. AS-BUILTS MUST BE PROVIDED ELECTRONICALLY ON CD AND AS TWO (2) HARD COPIES SEALED BY A PROFESSIONAL ENGINEER OR LAND SURVEYOR. FURTHERMORE, THE CONTRACTOR SHALL PROVIDE THE DEPARTMENT OF WATER MANAGEMENT (CDWM) WITH A HARD COPY SEALED BY A PROFESSIONAL ENGINEER OR LAND SURVEYOR AS WELL AS DIGITAL COPY OF THE PLANS IN .TIF FORMAT, ACCOMPANIED BY A TRANSMITTAL TO BE PROVIDED BY THE ENGINEER. PLAN AND PROFILE AS BUILT PLAN SHEETS SAVED TO DISK SHOULD BE SAVED IN THE FILE FOLDER WITH THE FILE NAMES "I-55 AND US 41 LAKESHORE DR 2300S-2900S." THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY DAMAGE TO CITY OWNED AND MAINTAINED TRAFFIC SIGNS, SIGNALS, GUARDRAILS, FENCES, ETC.

9. 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.

10. 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.

11. PAVEMENT CROSS SLOPES SHALL VARY FROM A MINIMUM OF 1.4% TO A MAXIMUM OF 3.6%.

12. TWO CERTIFIED CHECKS IN THE AMOUNTS OF \$49,900.00 AND \$6,000.00, PAYABLE TO THE CITY OF CHICAGO, MUST BE SENT OR HAND DELIVERED TO THE DEPARTMENT OF BUILDINGS, PLUMBING PERMIT AND PLAN SECTION, ROOM 906, CITY HALL, 121 NORTH LASALLE STREET, CHICAGO, ILLINOIS 60602.

13. ALL PROPOSED SEWER CONNECTIONS MUST MEET I.E.P.A. HORIZONTAL AND VERTICAL SEPARATION REQUIREMENTS WHEN CROSSING UNDER OR PARALLEL TO EXISTING WATER MAINS.

14. ALL EXISTING FIRE HYDRANTS WITHIN THE PROPOSED IMPROVEMENT LIMITS MUST REMAIN VISIBLE AND ACCESSIBLE SO THAT EMERGENCY PERSONNEL AND VEHICLES CAN ACCESS THE EXISTING HYDRANTS AT ANY TIME.

15. THERE ARE VARIOUS WATER MAINS AND APPURTENANCES WITHIN THE LIMITS OF THIS PROJECT. ALL PROPOSED ELECTRICAL FACILITIES MUST BE INSTALLED IN SUCH A MANNER TO PROVIDE A MINIMUM THREE (3) FEET HORIZONTAL AND EIGHTEEN (18) INCHES VERTICAL CLEARANCE FROM ALL EXISTING WATER FACILITIES. ALL ABOVE GROUND LIGHT POLE FOUNDATIONS MUST MAINTAIN A MINIMUM FIVE (5) FOOT HORIZONTAL CLEARANCE (EDGE-TO-EDGE) TO ALL EXISTING WATER FACILITIES.

16. PROPOSED TREES MUST NOT BE PLANTED ABOVE OR WITHIN 5 FEET OF THE EXTERIOR PIPE WALL FOR ALL WATER MAINS 24-INCH IN DIAMETER AND LARGER. THIS 5 FOOT RULE EXCLUDES MAINS THAT ARE SEPARATED FROM THE TREE BY A HARDSCAPE FEATURE OR OTHER ROOT GROWTH LIMITING CONDITIONS SUCH AS WATER MAINS LOCATED IN THE STREET.

17. THIS DEPARTMENT DISCOURAGES TREE PLANTING OVER WATER MAINS THAT ARE LESS THAN 24-INCHES IN DIAMETER LOCATED IN THE PARKWAY, BUT IF NECESSARY, WILL ALLOW TREES WITH A MAXIMUM MATURE HEIGHT OF 30 FEET AND A MAXIMUM MATURE ROOT DEPTH OF 2-1/2 FEET. POTENTIAL PLANTINGS THAT MEET THIS REQUIREMENT INCLUDE THE FOLLOWING:

1. ORNAMENTAL SHRUBS OR BUSHES MEETING THE MATURE HEIGHT AND MATURE ROOT DEPTH S TATED ABOVE.
2. FLOWERS OR OTHER NON-WOODY HERBACEOUS PLANTS.
3. ABOVE GROUND, REMOVABLE PLANTING CONTAINERS THAT CAN BE MOVED BY CONSTRUCTION EQUIPMENT IN THE EVENT THAT WATER MAIN REPAIRS ARE REQUIRED.

18. EXISTING TREES PLANTED ABOVE WATER MAINS THAT DO NOT MEET THESE REQUIREMENTS DO NOT NEED TO BE REMOVED. HOWEVER, IF SUCH EXISTING TREES ARE REMOVED, ALL PROPOSED TREES INSTALLED IN THEIR PLACE MUST MEET THE ABOVE MENTIONED REQUIREMENTS. SHOULD IT BE NECESSARY FOR THE CDWM TO ACCESS ANY OF ITS FACILITIES, THE CDWM SHALL ONLY BE RESPONSIBLE FOR TYPICAL PAVEMENT SIDEWALK, AND GRASS FOR RESTORATION.

19. THE 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 CDWM PRIOR TO THE START OF CONSTRUCTION.

20. IF CONSTRUCTION REQUIRES THE USE OF WATER FROM A CITY FIRE HYDRANT, OR ADJUSTMENTS OR REPAIRS ARE REQUIRED TO ANY CITY SEWER FACILITIES IN PROXIMITY TO THE PROJECT SITE, PERMITS MUST BE OBTAINED FROM THE CDWM, WATER, AND SEWER SECTIONS.

21. 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 SHALL MARK 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, SHALL BE INCLUDED IN THE CONTRACT AND PERFORMED BY THE CONTRACTOR PRIOR TO STREET RESURFACING. PLEASE CONTACT THOMAS MENDOZA AT THOMAS.MENDOZA@CITYOFCHICAGO.ORG OR AT (312) 747-4680 REGARDING FINAL INSPECTION OF ALL SEWER FACILITIES.

22. A PERMIT FROM THE CDWM SHOULD BE OBTAINED IN ADVANCE FOR ANY UNDERGROUND SEWER WORK INCLUDING ADJUSTMENT OF STRUCTURES, REMOVAL OR 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.

23. ALL EXISTING ORDINANCE GRADES AND ANY CITY OF CHICAGO BENCH MONUMENTS WHICH FALL WITHIN THE LIMITS OF THIS PROJECT MUST BE SHOWN ON THE PLANS. IF THE BENCH MONUMENT IS DAMAGED OR NOT FOUND WITHIN THE LIMITS OF THIS PROJECT, PLEASE CONTACT THE SEWER SECTION (312) 747-8117. ANY CURB ELEVATIONS NOT MEETING THE EXISTING ORDINANCE GRADES SHOULD BE SUBMITTED TO THE CITY COUNCIL FOR REVISION WITH NOIFICATION TO THE SEWER SECTION.

COMMITMENTS

NONE

NOTE:

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

SCALE:	SHEET NO. 2 OF 2 SHEETS	STA. TO STA.	F.A.I. RTE. 55	SECTION 2010-080-B	COUNTY COOK	TOTAL SHEETS 886	SHEET NO. 5
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CONTRACT NO. 60L70

ILLINOIS FED. AID PROJECT



USER NAME = AutYoungt	DESIGNED -	REVISED -
PLOT SCALE = 1:8000 1/4" = 100'	DRAWN -	REVISED -
PLOT DATE = 8/27/2014	CHECKED -	REVISED -
	DATE - 08/22/2014	REVISED -

FILE NAME = D:\08-10-SN-080808.dgn

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							HIGHWAY LIGHTING	ROADWAY LIGHTING
				1	1	2	3	1	2	3		
				ROADWAY 0004 URBAN	BRIDGE 0011 016-1501	BRIDGE 0011 016-1504	BRIDGE 0011 016-1505	RETAINING WALL 0040 016-0741	RETAINING WALL 0040 016-0745	RETAINING WALL 0040 016-0746		
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	659	659								
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	346	346								
20101000	TEMPORARY FENCE	FOOT	385	385								
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	60	60								
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	60	60								
20101700	SUPPLEMENTAL WATERING	UNIT	10	10								
20200100	EARTH EXCAVATION	CU YD	7215	7215								
20800150	TRENCH BACKFILL	CU YD	4160	4160								
21101625	TOPSOIL FURNISH AND PLACE, 6"	SO YD	43659	43659								
21301072	EXPLORATION TRENCH 72" DEPTH	FOOT	50	50								
* 25000210	SEEDING, CLASS 2A	ACRE	9	9								
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	812	812								
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	812	812								
25100115	MULCH, METHOD 2	ACRE	1.75	1.75								

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM

FILE NAME: D:\02-70-SHA-501-011-Sheet.dwg

14



USER NAME = MENACC
 PLOT SCALE = 50.0000' / in.
 PLOT DATE = 07/27/2014

DESIGNED - CRH
 DRAWN - CRH
 CHECKED - --
 DATE - 08/22/2014

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 1 OF 29 SHEETS STA. TO STA.

F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	888	6
CONTRACT NO. 60L70			Rev.	

ILLINOIS FED. AID PROJECT

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN										
				ROADWAY	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	HIGHWAY LIGHTING	ROADWAY LIGHTING		
				0004	0011	0011	0011	0040	0040	0040	0021	0021		
				URBAN	016-1501	016-1504	016-1505	016-0741	016-0745	016-0746	URBAN	URBAN		
* 25100135	MULCH, METHOD 4	ACRE	1	1										
* 25100630	EROSION CONTROL BLANKET	SO YD	43660	43660										
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	350	350										
28000400	PERIMETER EROSION BARRIER	FOOT	7748	7748										
28000510	INLET FILTERS	EACH	162	162										
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SO YD	13,565	13,565										
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SO YD	3195	3195										
31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SO YD	619	619										
31102100	SUBBASE GRANULAR MATERIAL, TYPE C 4"	SO YD	1286	1286										
31200500	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"	SO YD	7746	7746										
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	250	250										
42000416	PORTLAND CEMENT CONCRETE PAVEMENT 9 3/4" (JOINTED)	SO YD	6335	6335										
42000500	PORTLAND CEMENT CONCRETE PAVEMENT 10"	SO YD	619	619										
42001200	PAVEMENT FABRIC	SO YD	1043	1043										

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM

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USER NAME * HENADC	DESIGNED - CRH	REVISED -
PLOT SCALE = 06.0000' / 1"	DRAWN - CRH	REVISED -
PLOT DATE = 0/27/2014	CHECKED - --	REVISED -
	DATE - 08/22/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE:	SHEET NO. 2 OF 29 SHEETS	STA. TO STA.
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P.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	7
CONTRACT NO. 60L70			ILLINOIS FED. AID PROJECT	

Rev.

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN																
				ROADWAY	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	HIGHWAY LIGHTING	ROADWAY LIGHTING								
				0004 URBAN	0011 016-1501	0011 016-1504	0011 016-1505	0040 016-0741	0040 016-0745	0040 016-0746	0021 URBAN	0021 URBAN								
42001300	PROTECTIVE COAT	SO YD	15,402	15,402																
42001420	BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)	SO YD	1043	1043																
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	15,219	15,219																
44000100	PAVEMENT REMOVAL	SO YD	5,158	5,158																
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	4,218	4,218																
44000600	SIDEWALK REMOVAL	SO FT	16,090	16,090																
44001980	CONCRETE BARRIER REMOVAL	FOOT	467	467																
44004250	PAVED SHOULDER REMOVAL	SO YD	2017	2017																
44200557	CLASS A PATCHES, TYPE III, 10 INCH	SO YD	19	19																
44200970	CLASS B PATCHES, TYPE II, 10 INCH	SO YD	28	28																
44201297	DOWEL BARS 1"	EACH	72	72																
44201321	CLASS C PATCHES, TYPE III, 7 INCH	SO YD	16	16																
44201335	CLASS C PATCHES, TYPE IV, 8 INCH	SO YD	148	148																
44201357	CLASS C PATCHES, TYPE III, 10 INCH	SO YD	16	16																

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM

FILE NAME: D:\BIL\70-SH-500-R11-Sheet.dgn



USER NAME	* HENAO	DESIGNED	- CRH	REVISED	-
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DATE	- 08/22/2014				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 3 OF 29 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
55	2010-080-B	COOK	886 8
			CONTRACT NO. 60L70

Rev

ILLINOIS PED. AID PROJECT

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE										
				ROADWAY 0004	BRIDGE 0011	BRIDGE 0011	BRIDGE 0011	RETAINING WALL 0040	RETAINING WALL 0040	RETAINING WALL 0040	HIGHWAY LIGHTING 0021	ROADWAY LIGHTING 0021		
				URBAN	016-1501	016-1504	016-1505	016-0741	016-0745	016-0746	URBAN	URBAN		
44201717	CLASS D PATCHES, TYPE II, 6 INCH	SO YD	28	28										
44201721	CLASS D PATCHES, TYPE III, 6 INCH	SO YD	63	63										
44201723	CLASS D PATCHES, TYPE IV, 6 INCH	SO YD	3431	3431										
44201757	CLASS D PATCHES, TYPE III, 9 INCH	SO YD	21	21										
44201759	CLASS D PATCHES, TYPE IV, 9 INCH	SO YD	525	525										
44213000	PATCHING REINFORCEMENT	SO YD	19	19										
44213200	SAW CUTS	FOOT	180	180										
44213204	TIE BARS 3/4"	EACH	34	34										
48300415	PORTLAND CEMENT CONCRETE SHOULDERS 9 3/4"	SO YD	1369	1369										
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1		1									
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1			1								
50100500	REMOVAL OF EXISTING STRUCTURES NO. 3	EACH	1				1							
50157300	PROTECTIVE SHIELD	SO YD	1282		430	563	289							
50200100	STRUCTURE EXCAVATION	CU YD	9574		121	265	479	3,554	3,517	1,638				

URBAN

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM

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PLOT SCALE: 50.0000 1" = 10'	DATE: 08/22/2014	REVISED: -
PLOT DATE: 8/27/2014		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE:	SHEET NO. 4	OF 29 SHEETS	STA. TO STA.

F.A.I. RTE. 55	SECTION 2010-090-B	COUNTY COOK	TOTAL SHEETS 886	SHEET NO. 9
			CONTRACT NO. 60L70	
ILLINOIS FERRIS AID PROJECT				

Rev

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				ROADWAY	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	HIGHWAY LIGHTING	ROADWAY LIGHTING	
				0004	0011	0011	0011	0040	0040	0040	0021	0021	
				URBAN	016-1501	016-1504	016-1505	016-0741	016-0745	016-0746	URBAN	URBAN	
50200450	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	50	50									
50300225	CONCRETE STRUCTURES	CU YD	3200.9	18.0	859.1	1008.9	1914.9						
50300254	RUBBED FINISH	SO FT	12532			2270	10262						
50300255	CONCRETE SUPERSTRUCTURE	CU YD	7346.5		1672.7	1840.0	2142.1	675.5	632.8	383.4			
50300285	FORM LINER TEXTURED SURFACE	SO FT	8163			1390	6773						
50300300	PROTECTIVE COAT	SO YD	25,141		6472	6824	7920	1,590	1465	890			
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1		0.28	0.35	0.37						
50500505	STUD SHEAR CONNECTORS	EACH	63,216		17010	23,169	23037						
50800105	REINFORCEMENT BARS	POUND	834,320	6000	188400	316,220	323,700						
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	2,616,250	20750	675,810	768,220	909,560	94,720	92,200	54,990			
50800515	BAR SPLICERS	EACH	7223		2,974	2909	1340						
50800530	MECHANICAL SPLICERS	EACH	2457		781	1202	474						
51500100	NAME PLATES	EACH	6		1	1	1	1	1	1			
51603000	DRILLED SHAFT IN SOIL	CU YD	3185.1	143	898.5	1070.0	1073.6						

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM

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DATE = 08/22/2014

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 5 OF 29 SHEETS STA. TO STA.

F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	885	10
CONTRACT NO. 60L70			ILLINOIS FED. AID PROJECT	

Rev.

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN										
				ROADWAY	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	HIGHWAY LIGHTING	ROADWAY LIGHTING		
				0004 URBAN	0011 016-1501	0011 016-1504	0011 016-1505	0040 016-0741	0040 016-0745	0040 016-0746	0021 URBAN	0021 URBAN		
*51604000	DRILLED SHAFT IN ROCK	CU YD	164.9		44.0	67.8	53.1							
52000110	PREFORMED JOINT STRIP SEAL	FOOT	84				84							
52100020	ELASTOMERIC BEARING ASSEMBLY, TYPE II	EACH	12				12							
52100030	ELASTOMERIC BEARING ASSEMBLY, TYPE III	EACH	18		18									
52100510	ANCHOR BOLTS, 3/4"	EACH	284		36	80	168							
52100520	ANCHOR BOLTS, 1"	EACH	120			48	72							
52100530	ANCHOR BOLTS, 1 1/4"	EACH	360		72	180	108							
52100540	ANCHOR BOLTS, 1 1/2"	EACH	72		36	24	12							
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	861	861										
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	927	927										
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	179	179										
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	778	778										
550A0480	STORM SEWERS, CLASS A, TYPE 2 48"	FOOT	98	98										
550A0660	STORM SEWERS, CLASS A, TYPE 3 15"	FOOT	260	260										

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 6 OF 25 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	996	11
CONTRACT NO. 60L70				

ILLINOIS FED. AID PROJECT

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE										
				ROADWAY	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	HIGHWAY LIGHTING	ROADWAY LIGHTING		
				0004 URBAN	0011 016-1501	0011 016-1504	0011 016-1505	0040 016-0741	0040 016-0745	0040 016-0746	0021 URBAN	0021 URBAN		
550A0680	STORM SEWERS, CLASS A, TYPE 3 18"	FOOT	16	16										
550A0710	STORM SEWERS, CLASS A, TYPE 3 24"	FOOT	10	10										
550A1050	STORM SEWERS, CLASS A, TYPE 4 36"	FOOT	33	33										
550A1620	STORM SEWERS, CLASS A, TYPE 6 36"	FOOT	190	190										
550A1920	STORM SEWERS, CLASS A, TYPE 7 36"	FOOT	347	347										
55100300	STORM SEWER REMOVAL 8"	FOOT	181	181										
55100400	STORM SEWER REMOVAL 10"	FOOT	109	109										
55100500	STORM SEWER REMOVAL 12"	FOOT	1075	1075										
55100900	STORM SEWER REMOVAL 18"	FOOT	102	102										
55101200	STORM SEWER REMOVAL 24"	FOOT	66	66										
55101600	STORM SEWER REMOVAL 36"	FOOT	71	71										
56103900	DUCTILE IRON WATER MAIN, MECHANICAL JOINT 8"	FOOT	145	145										
56104100	DUCTILE IRON WATER MAIN, MECHANICAL JOINT 12"	FOOT	22	22										
56105000	WATER VALVES 8"	EACH	2	2										
56105200	WATER VALVES 12"	EACH	1	1										
56400500	FIRE HYDRANTS TO BE REMOVED	EACH	2	2										

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 7 OF 29 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	12
CONTRACT NO. 60L70			ILLINOIS FED. AID PROJECT	

Rev.

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN										
				ROADWAY	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	HIGHWAY LIGHTING	ROADWAY LIGHTING		
				0004	0011	0011	0011	0040	0040	0040	0021	0021		
				URBAN	016-1501	016-1504	016-1505	016-0741	016-0745	016-0746	URBAN	URBAN		
56400600	FIRE HYDRANTS	EACH	1	1										
58700300	CONCRETE SEALER	SO FT	50,084		14,416	18,266	17,402							
60107700	PIPE UNDERDRAINS 6"	FOOT	1048	1048										
60108200	PIPE UNDERDRAINS 6" (SPECIAL)	FOOT	170	170										
60200105	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	11	11										
60200205	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5	5										
60200805	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 8 GRATE	EACH	2	2										
60201205	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 12 FRAME AND GRATE	EACH	1	1										
60201310	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 20 FRAME AND GRATE	EACH	9	9										
60201340	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 24 FRAME AND GRATE	EACH	3	3										
60206905	CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID	EACH	1	1										
60218400	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	13	13										
60221100	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5	5										
60223800	MANHOLES, TYPE A, 6' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2										

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM



USER NAME = HENADC
 PLOT SCALE = 80.0000 1" = 40'
 PLOT DATE = 8/27/2014

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 8 OF 29 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	13
CONTRACT NO. 60L70			ILLINOIS FED. AID PROJECT	

Rev.

FILE NAME: D:\60.70-581-500-R11-Sheets.dgn

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN																	
				ROADWAY	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	HIGHWAY LIGHTING	ROADWAY LIGHTING									
				0004 URBAN	0011 016-1501	0011 016-1504	0011 016-1505	0040 016-0741	0040 016-0745	0040 016-0746	0021 URBAN	0021 URBAN									
60224469	MANHOLES, TYPE A, 9' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1																	
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	2	2																	
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	1	1																	
60250200	CATCH BASINS TO BE ADJUSTED	EACH	16	16																	
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	10	10																	
60255500	MANHOLES TO BE ADJUSTED	EACH	3	3																	
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	6	6																	
60500040	REMOVING MANHOLES	EACH	7	7																	
60500050	REMOVING CATCH BASINS	EACH	26	26																	
60500205	FILLING CATCH BASINS	EACH	4	4																	
60500405	FILLING VALVE VAULTS	EACH	2	2																	
60602800	CONCRETE GUTTER, TYPE B	FOOT	267	267																	
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6. 12	FOOT	915	915																	
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6. 24	FOOT	2190	2190																	
60618320	CONCRETE MEDIAN SURFACE, 6 INCH	SO FT	7330	7330																	

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM

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PLLOT SCALE: 50.0000 1" = 50'	DATE: 08/22/2014	REVISED: -
PLLOT DATE: 8/27/2014		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 9 OF 25 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	14
CONTRACT NO. 60L70			ILLINOIS FED. AID PROJECT	

Rev.

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN										
				ROADWAY	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	HIGHWAY LIGHTING	ROADWAY LIGHTING		
				0004 URBAN	0011 016-1501	0011 016-1504	0011 016-1505	0040 016-0741	0040 016-0745	0040 016-0746	0021 URBAN	0021 URBAN		
*63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	275	275										
*63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	3	3										
*63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	3	3										
*63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	6	6										
63200310	GUARDRAIL REMOVAL	FOOT	660	660										
63700175	CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT	FOOT	365	365										
63700275	CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT	FOOT	105	105										
63700805	CONCRETE BARRIER TRANSITION	FOOT	25	25										
63700900	CONCRETE BARRIER BASE	FOOT	495	495										
64300770	IMPACT ATTENUATORS (SEVERE USE, NARROW), TEST LEVEL 3	EACH	1	1										
66400305	CHAIN LINK FENCE, 6'	FOOT	272	272										
66407600	CHAIN LINK GATES, 6' X 12' DOUBLE	EACH	1	1										
66408200	CHAIN LINK GATES, 6' X 24' DOUBLE	EACH	1	1										
*66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	9700	9700										
66900205	SPECIAL WASTE DISPOSAL	CU YD												
*66900210	HAZARDOUS WASTE DISPOSAL	CU YD	120	120										

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM



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PLOT DATE = 07/27/2014	CHECKED -	REVISED -
	DATE - 08/22/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 10 OF 29 SHEETS STA. TO STA.

F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	15
CONTRACT NO. 60L70			ILLINOIS FED. AID PROJECT	

Rev.

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE										
				ROADWAY	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	HIGHWAY LIGHTING	ROADWAY LIGHTING		
				0004	0011	0011	0011	0040	0040	0040	0021	0021		
				URBAN	016-1501	016-1504	016-1505	016-0741	016-0745	016-0746	URBAN	URBAN		
*66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1										
*66900530	SOIL DISPOSAL ANALYSIS	EACH	5	5										
*66901000	BACKFILL PLUGS	CU YD	400	400										
67100100	MOBILIZATION	L SUM	1	1										
*67201100	SEALING ABANDONED MONITORING WELLS	EACH	1	1										
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	36	36										
70300100	SHORT TERM PAVEMENT MARKING	FOOT	46151	46151										
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	9455	9455										
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	24111	24111										
70300530	PAVEMENT MARKING TAPE, TYPE III 5"	FOOT	3079	3079										
70300550	PAVEMENT MARKING TAPE, TYPE III 8"	FOOT	14455	14455										
70300560	PAVEMENT MARKING TAPE, TYPE III 12"	FOOT	1481	1481										
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	19443	19443										
70400100	TEMPORARY CONCRETE BARRIER	FOOT	11096	11096										
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	13106	13106										
70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	6	6										

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM

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USER NAME = HENACC	DESIGNED - CRH	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 11 OF 29 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	16
CONTRACT NO. 60L70			ILLINOIS FED. AID PROJECT	

Rev

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN										
				ROADWAY	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	HIGHWAY LIGHTING	ROADWAY LIGHTING		
				0004 URBAN	0011 016-1501	0011 016-1504	0011 016-1505	0040 016-0741	0040 016-0745	0040 016-0746	0021 URBAN	0021 URBAN		
70600270	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, WIDE), TEST LEVEL 3	EACH	1	1										
70600332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	12	12										
* 72000100	SIGN PANEL - TYPE 1	SO FT	110	110										
* 72000200	SIGN PANEL - TYPE 2	SO FT	32	32										
* 72000300	SIGN PANEL - TYPE 3	SO FT	1395.5	1395.5										
* 72100100	SIGN PANEL OVERLAY	SO FT	91	91										
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	18	18										
* 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	12	12										
* 72400730	RELOCATE SIGN PANEL - TYPE 3	SO FT	155.5	155.5										
* 72600100	MILE POST MARKER ASSEMBLY	EACH	5	5										
* 72900100	METAL POST - TYPE A	FOOT	12	12										
* 72900200	METAL POST - TYPE B	FOOT	68	68										
* 73000100	WOOD SIGN SUPPORT	FOOT	187	187										
* 73300100	OVERHEAD SIGN STRUCTURE - SPAN TYPE 1-A (4'-0" X 4'-6")	FOOT	72	72										
* 73302110	OVERHEAD SIGN STRUCTURE - CANTILEVER, TYPE I-C-A (24" X 4'-6")	FOOT	22	22										

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM

FILE NAME: B160870-591-S00-All Sheets.dgn



USER NAME = HENADC
 DESIGNED - CRH
 DRAWN - CRH
 CHECKED - **
 PLOT DATE = 07/27/2014

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 REVISION -

DATE = 08/22/2014

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 12 OF 29 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	2010-080-B	COOK	886	17
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				

Rev.

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN										
				ROADWAY	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	HIGHWAY LIGHTING	ROADWAY LIGHTING		
				0004	0011	0011	0011	0040	0040	0040	0021	0021		
				URBAN	016-1501	016-1504	016-1505	016-0741	016-0745	016-0746	URBAN	URBAN		
*73302170	OVERHEAD SIGN STRUCTURE - CANTILEVER, TYPE II-C-A (36" X 5' -6")	FOOT	58	58										
*73302210	OVERHEAD SIGN STRUCTURE - CANTILEVER, TYPE III-C-A (36" X 7' -0")	FOOT	39	39										
*73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	48.6	48.6										
*73600100	REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	1	1										
*73600200	REMOVE OVERHEAD SIGN STRUCTURE - CANTILEVER	EACH	2	2										
*73700200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	1	1										
*73700300	REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	5	5										
*78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	78	78										
*78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	562	562										
*78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2084	2084										
*78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	86	86										
*78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	65	65										
*78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	260	260										
*78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	11194	11194										

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM

FILE NAME: D:\60870-SN-510-RII-Sheets.dgn



USER NAME: HENADC
 DESIGNED: CRH
 DRAWN: CRH
 CHECKED: **
 PLOT DATE: 0/27/2014

REVISIONS:
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 REVISION: -

DATE: 08/22/2014

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 13 OF 29 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	18

CONTRACT NO. 60L70
 ILLINOIS FED. AID PROJECT

Rev.

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN													
				ROADWAY	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	HIGHWAY LIGHTING	ROADWAY LIGHTING					
				0004 URBAN	0011 016-1501	0011 016-1504	0011 016-1505	0040 016-0741	0040 016-0745	0040 016-0746	0021 URBAN	0021 URBAN					
*78008220	POLYUREA PAVEMENT MARKING TYPE I - LINE 5"	FOOT	3437	3437													
*78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	10253	10253													
*78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	1023	1023													
*78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	409	409													
*78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	135	135													
*78200410	GUARDRAIL MARKERS, TYPE A	EACH	11	11													
*78200530	BARRIER WALL MARKERS, TYPE C	EACH	936	936													
*78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	6	6													
78300100	PAVEMENT MARKING REMOVAL	SO FT	6146	6146													
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	400	400													
*80400100	ELECTRIC SERVICE INSTALLATION	EACH	2										1				1
*80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1										1				
*81028170	UNDERGROUND CONDUIT, GALVANIZED STEEL, 1" DIA.	FOOT	95										95				
*81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	918										498				420

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM



USER NAME - HENAO	DESIGNED - CRH	REVISED -
DRAWN - CRH	CHECKED - --	REVISED -
PLLOT SCALE = 1/8"=1'-0"	DATE - 08/22/2014	REVISED -
PLLOT DATE = 8/27/2014		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 14 OF 29 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	19
CONTRACT NO. 60L70				

Rev.

FILE NAME = D:\60L70-080-B\50L1411 Sheets.dgn

14

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN										
				ROADWAY	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	HIGHWAY LIGHTING	ROADWAY LIGHTING		
				0004	0011	0011	0011	0040	0040	0040	0021	0021		
				URBAN	016-1501	016-1504	016-1505	016-0741	016-0745	016-0746	URBAN	URBAN		
*81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	1182									1182		
*81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	277									277		
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	485									485		
*81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	215									215		
*81028730	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/4" DIA.	FOOT	43									43		
*81100320	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., PVC COATED GALVANIZED STEEL	FOOT	878									186	692	
81100510	CONDUIT ATTACHED TO STRUCTURE, 1 1/4" DIA., PVC COATED GALVANIZED STEEL	FOOT	1080									1080		
*81100605	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., PVC COATED GALVANIZED STEEL	FOOT	1767									1752	15	
*81100805	CONDUIT ATTACHED TO STRUCTURE, 3" DIA., PVC COATED GALVANIZED STEEL	FOOT	179									179		
*81101205	CONDUIT ATTACHED TO STRUCTURE, 6" DIA., PVC COATED GALVANIZED STEEL	FOOT	270	270										
*81200230	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	16,174									16,174		
*81300220	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4"	EACH	5									2	3	
*81300530	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"	EACH	24									6	18	
*81300830	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 18" X 8"	EACH	26									26		
81400100	HANDHOLE	EACH	2									2		

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM



USER NAME = HENADC
 DESIGNED - CRH
 DRAWN - CRH
 CHECKED - **
 DATE - 08/22/2014

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 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 15 OF 25 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	20
CONTRACT NO. 60L70				

ILLINOIS FED. AID PROJECT

Rev.

FILE NAME = D:\06\70-SV-500-ALL Sheets.dgn

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN									
				ROADWAY	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	HIGHWAY LIGHTING	ROADWAY LIGHTING	
				0004	0011	0011	0011	0040	0040	0040	0021	0021	
				URBAN	016-1501	016-1504	016-1505	016-0741	016-0745	016-0746	URBAN	URBAN	
*81400200	HEAVY-DUTY HANDHOLE	EACH	14									14	
*81400720	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1									1	
*81603030	UNIT DUCT, 600V, 2-1C NO. 4, 1/C NO. 6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	874										874
*81603070	UNIT DUCT, 600V, 2-1C NO. 2, 1/C NO. 4 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	125									125	
*81603081	UNIT DUCT, 600V, 3-1C NO. 2, 1/C NO. 4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	1164									1164	
*81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	3837									960	2877
*81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	1739									125	1614
*81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	8155									1606	6549
*81702140	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	12,018									8180	3838
*81702150	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	21,812									20,459	1353
*81702220	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C 350MCM	FOOT	165									165	
*81702230	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C 500MCM	FOOT	861									861	
*81800190	AERIAL CABLE, 2-1/C NO. 2 WITH MESSENGER WIRE	FOOT	45									45	
*81800200	AERIAL CABLE, 2-1/C NO. 4 WITH MESSENGER WIRE	FOOT	6666										6666

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM

Rev.



USER NAME = HENAGC	DESIGNED - CRH	REVISED -
PLOT SCALE = 50.0000 1" = 50'	DRAWN - CRH	REVISED -
PLOT DATE = 8/27/2014	CHECKED -	REVISED -
	DATE - 08/22/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 16 OF 29 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	896	21
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60L70	

FILE NAME: D:\B\20-291-500-011-Sheets.dgn

CONSTRUCTION CODE

URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	HIGHWAY LIGHTING	ROADWAY LIGHTING
				0004	0011	0011	0011	0040	0040	0040	0021	0021
				URBAN	016-1501	016-1504	016-1505	016-0741	016-0745	016-0746	URBAN	URBAN
*81800300	AERIAL CABLE, 3-1/C NO. 2 WITH MESSENGER WIRE	FOOT	3250								3250	
*81800340	AERIAL CABLE, 3-1/C NO. 8 WITH MESSENGER WIRE	FOOT	68									68
*82102400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	52								41	11
*82107200	UNDERPASS LUMINAIRE, 100 WATT, HIGH PRESSURE SODIUM VAPOR	EACH	4								4	
*83050715	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 6 FT. DAVIT ARM	EACH	24								24	
*83050805	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 12 FT. DAVIT ARM	EACH	3								3	
*83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	39								39	
*83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	3								3	
*84100110	REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	19								8	11
*84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	74								44	30
*84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	6								6	
*84200804	REMOVAL OF POLE FOUNDATION	EACH	29								8	21
*84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	6									6
*84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	1								1	

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM

Rev.

FILE NAME = B1628_78-Sht-500_011_Sheets.dgn



303 EAST WACKER DRIVE, SUITE 1400
CHICAGO, IL 60601-3076
PHONE: (312) 313-1700 FAX: (312) 313-6800

USER NAME = HENAGE
DESIGNED - CRH
DRAWN - CRH
CHECKED - --
PLOT DATE = 08/27/2014

REVISIONS
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REVISION -
REVISION -
DATE = 08/27/2014

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 17 OF 29 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	22
CONTRACT NO. 60L70			ILLINOIS FED. AID PROJECT	

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				ROADWAY	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	HIGHWAY LIGHTING	ROADWAY LIGHTING	
				0004 URBAN	0011 016-1501	0011 016-1504	0011 016-1505	0040 016-0741	0040 016-0745	0040 016-0746	0021 URBAN	0021 URBAN	
*84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	3									2	1
*84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	1									1	
*87000885	ELECTRIC CABLE ASSEMBLY IN CONDUIT, 600V (XLP-TYPE TC) 2/C NO. 6 AND NO. 8	FOOT	1190									1190	
*87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	121									121	
*87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	76									76	
*87800200	CONCRETE FOUNDATION, TYPE D	FOOT	25									25	
*87900100	DRILL EXISTING FOUNDATION	EACH	2									2	
*87900200	DRILL EXISTING HANDHOLE	EACH	4									4	
*89500510	CABINET HOUSING EQUIPMENT REMOVAL	EACH	4									4	
*89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1231									1231	
*89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	1632									24	1608
*89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	4									4	
*89502400	REMOVE EXISTING FLASHING BEACON INSTALLATION COMPLETE	EACH	1										1
*K1005863	TREE ROOT PRUNING	EACH	60	60									

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM

FILE NAME: D:\80879-S14-S00-001-Sheets.dgn



USER NAME = MENAGE
 DESIGNED - CRH
 DRAWN - CRH
 CHECKED - --
 DATE - 08/22/2014

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 18 OF 29 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	23
CONTRACT NO. 60L70			ILLINOIS FED. AID PROJECT	

Rev.

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN									
				ROADWAY	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	HIGHWAY LIGHTING	ROADWAY LIGHTING	
				0004	0011	0011	0011	0040	0040	0040	0021	0021	
				URBAN	016-1501	016-1504	016-1505	016-0741	016-0745	016-0746	URBAN	URBAN	
Z0004002	BOLLARDS	EACH	12									12	
* Z0010614	CLEANING EXISTING MANHOLE OR HANDHOLE	EACH	8									8	
Z0013302	SEGMENTAL CONCRETE BLOCK WALL	SQ FT	375	375									
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1									
Z0016002	DECK SLAB REPAIR (FULL DEPTH, TYPE II)	SQ YD	250	250									
Z0016200	DECK SLAB REPAIR (PARTIAL)	SQ YD	50	50									
Z0017800	DRAINAGE & UTILITY STRUCTURES TO BE RECONSTRUCTED (SPECIAL)	EACH	1	1									
Z0018002	DRAINAGE SCUPPERS, DS-11	EACH	36		12	9	15						
Z0018200	DRAINAGE STRUCTURE RECONSTRUCTION (SPECIAL)	EACH	2	2									
Z0018800	DRAINAGE SYSTEM	L SUM	1		0.33	0.25	0.42						
Z0022800	FENCE REMOVAL	FOOT	322	322									
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	234	234									
Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	27									27	
* Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	21									21	

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM

FILE NAME: B:\2010-080-B\2010-080-B_S00_011_Sheets.dwg



USER NAME: * HENAGC	DESIGNED - CRH	REVISED -
DRAWN - CRH	CHECKED -	REVISED -
PLotted SCALE = 00.0000' = 1"	DATE - 09/22/2014	REVISED -
PLotted DATE = 09/27/2014		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 19 OF 29 SHEETS STA. TO STA.

F.A.I. RTE. 55	SECTION 2010-080-B	COUNTY COOK	TOTAL SHEETS 886	SHEET NO. 24
CONTRACT NO. G0L70				ILLINOIS FED. AID PROJECT

Rev.

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN										
				ROADWAY	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	HIGHWAY LIGHTING	ROADWAY LIGHTING		
				0004	0011	0011	0011	0040	0040	0040	0021	0021		
				URBAN	016-1501	016-1504	016-1505	016-0741	016-0745	016-0746	URBAN	URBAN		
Z0034212	MECHANICALLY STABILIZED EARTH RETAINING WALL, SPECIAL	SO FT	18640					6,195	6,211	6,234				
Z0034390	MODULAR EXPANSION JOINT 6"	FOOT	68		68									
Z0034806	MODULAR EXPANSION JOINT-SWIVEL 6"	FOOT	40			40								
Z0034809	MODULAR EXPANSION JOINT-SWIVEL 9"	FOOT	220		68	80	80							
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1										
Z0050600	REMOVE AND RESET ORNAMENTAL FENCE	FOOT	127	127										
Z0056626	STORM SEWER (WATER MAIN REQUIREMENTS) 48 INCH	FOOT	65	65										
Z0062456	TEMPORARY PAVEMENT	SO YD	1023	1023										
Z0073002	TEMPORARY SOIL RETENTION SYSTEM	SO FT	1630			144			1032	454				
Z0073100	TEMPORARY SHORING	EACH	3		1	2								
∅ Z0076600	TRAINEES	HOUR	4000	4000										
∅ Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	4000	4000										
*X0322141	REMOVE TEMPORARY WOOD POLE	EACH	2								1	1		
*X0322441	DIGITAL LOOP DETECTOR SENSOR UNIT (4 CHANNEL)	EACH	7								7			
*X0322442	ONE EQUIPMENT - 3 FREQUENCY RECEIVER PROGRAMMABLE	EACH	21								21			

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM

15
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USER NAME - HENAGC	DESIGNED - CRH	REVISED -
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DATE - 08/22/2014		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 20 OF 29 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	25
CONTRACT NO. 60L70			ILLINOIS FED. AID PROJECT	

Rev.

FILE NAME - B:\68_10_2014_500_011_Sheets.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE										
				ROADWAY	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	HIGHWAY LIGHTING	ROADWAY LIGHTING		
				0004 URBAN	0011 016-1501	0011 016-1504	0011 016-1505	0040 016-0741	0040 016-0745	0040 016-0746	0021 URBAN	0021 URBAN		
*X0326935	CROSSHOLE SONIC LOGGING	EACH	23		6	7	10							
*X0326952	STEP-DOWN TRANSFORMER	EACH	1									1		
X0327004	TEMPORARY WOOD POLE, 60 FT., CLASS 4	EACH	1											1
*X0327350	TEMPORARY WOOD POLE, 50 FT., CLASS 4, 15 FT. MAST ARM	EACH	10									5		11
*X0327561	BUDGETARY ALLOWANCE FOR CCTV INTEGRATION	L SUM	1									1		
*X0327602	CLOSED CIRCUIT TELEVISION CAMERA STRUCTURE, GALVANIZED STEEL, 80 FT. MOUNTING HEIGHT	EACH	1									1		
*X0327606	FIBER OPTIC SPLICE-LATERAL	EACH	2									2		
*X0327616	MAINTAINING ITS DURING CONSTRUCTION	CAL MO	21									21		
X0327682	CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT ENGINEERING SERVICES	L SUM	1	1										
*X0327683	CLOSED CIRCUIT TELEVISION CAMERA STRUCTURE, GALVANIZED STEEL, 100 FT. MOUNTING HEIGHT	EACH	1									1		
*X0327751	LIGHTNING PROTECTION FOR INDUCTION LOOP DETECTOR	EACH	11									11		
*X0370003	ELECTRIC CABLE IN CONDUIT, TRIPLEX, 2-1/C NO. 6, 1/C NO. 8 (CDOT)	FOOT	41											41
*X0370049	UNDERGROUND CONDUIT, PVC, 2" DIA., SCHEDULE 80 (CDOT)	FOOT	973											973
*X0370068	CONCRETE FOUNDATION, 24" DIAMETER, 1 1/4" ANCHOR RODS, 15" BOLT CIRCLE (CDOT)	EACH	18											18
*X0370074	RACKING CABLES IN MANHOLE OR HANDHOLE (CDOT)	EACH	10											10

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM

FILE NAME: D:\60L70-08A-500-011-Sheets.dgn



USER NAME: *HEVACC	DESIGNED: - CRH	REVISED: -
PLOT SCALE: * 50.0000 / 1"	DRAWN: - CRH	REVISED: -
PLOT DATE: * 8/27/2014	CHECKED: -	REVISED: -
	DATE: - 08/22/2014	REVISED: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 22 OF 29 SHEETS STA. TO STA.

F.A.T. RTE. 55	SECTION 2010-080-B	COUNTY COOK	TOTAL SHEETS 886	SHEET NO. 27
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				

Rev.

CONSTRUCTION CODE

URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE										
				ROADWAY	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	HIGHWAY LIGHTING	ROADWAY LIGHTING		
				0004 URBAN	0011 016-1501	0011 016-1504	0011 016-1505	0040 016-0741	0040 016-0745	0040 016-0746	0021 URBAN	0021 URBAN		
X5210345	HIGH LOAD MULTI-ROTATIONAL BEARINGS, FIXED - 550K	EACH	30			18	12							
X5210350	HIGH LOAD MULTI-ROTATIONAL BEARINGS, FIXED - 600K	EACH	18			12	6							
X5509900	ABANDON AND FILL EXISTING STORM SEWER	FOOT	440	440										
*X5537600	STORM SEWERS TO BE CLEANED 8"	FOOT	1155	1155										
*X5537700	STORM SEWERS TO BE CLEANED 10"	FOOT	72	72										
*X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	310	310										
*X5537900	STORM SEWERS TO BE CLEANED 15"	FOOT	386	386										
*X5538000	STORM SEWERS TO BE CLEANED 18"	FOOT	231	231										
*X5538200	STORM SEWERS TO BE CLEANED 24"	FOOT	380	380										
*X5538400	STORM SEWERS TO BE CLEANED 30"	FOOT	727	727										
*X5538600	STORM SEWERS TO BE CLEANED 36"	FOOT	484	484										
X5610647	PLUG WATER MAIN 8"	EACH	1	1										
X5610651	ABANDON EXISTING WATER MAIN, FILL WITH CLSM	FOOT	230	230										
X5610658	WATER MAIN TO BE ABANDONED, 8"	FOOT	355	355										

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM

FILE NAME = D:\628_78-Svt-500-All Sheets.dgn



USER NAME = HENRCC	DESIGNED - CRH	REVISED -
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PLLOT SCALE = 50.0000' / 1" =	DATE = 08/22/2014	REVISED -
PLLOT DATE = 8/27/2014		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 24 OF 29 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	29
CONTRACT NO. 60L70			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				ROADWAY	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	HIGHWAY LIGHTING	ROADWAY LIGHTING	
				0004	0011	0011	0011	0040	0040	0040	0021	0021	
				URBAN	016-1501	016-1504	016-1505	016-0741	016-0745	016-0746	URBAN	URBAN	
X5610708	WATER MAIN REMOVAL, 8"	FOOT	15	15									
X5610712	WATER MAIN REMOVAL, 12"	FOOT	18	18									
X5610736	WATER MAIN REMOVAL, 36"	FOOT	82	82									
X6020083	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID (CITY OF CHICAGO)	EACH	3	3									
X6020084	MANHOLE, SPECIAL	EACH	1	1									
X6020293	MANHOLES, TYPE A, 8' -DIAMETER, WITH 2 TYPE 1 FRAMES, CLOSED LID, RESTRICTOR PLATE	EACH	2	2									
X6022505	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, OPEN LID (CITY OF CHICAGO)	EACH	10	10									
X6050040	REMOVING MANHOLES, SPECIAL	EACH	2										2
X6050210	FILLING CATCH BASINS, SPECIAL	EACH	2	2									
X6370050	CONCRETE BARRIER WALL (SPECIAL)	FOOT	790	790									
X6431120	REMOVE IMPACT ATTENUATOR SAND MODULE	EACH	1	1									
X6640200	TEMPORARY CHAIN LINK FENCE	FOOT	4741	4741									
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	24	24									
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1									
X7010410	SPEED DISPLAY TRAILER	CAL MO	21	21									
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1									

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM

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USER NAME = MENADC	DESIGNED - CRH	REVISED -
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DATE - 08/22/2014		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES	
SCALE:	SHEET NO. 25 OF 29 SHEETS STA. TO STA.

F.A.T. RTE. 55	SECTION 2010-080-B	COUNTY COOK	TOTAL SHEETS 686	SHEET NO. 30
CONTRACT NO. 60L70				

Rev.

ILLINOIS FED. AID PROJECT

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN										
				ROADWAY	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	HIGHWAY LIGHTING	ROADWAY LIGHTING		
				0004	0011	0011	0011	0040	0040	0040	0021	0021		
				URBAN	016-1501	016-1504	016-1505	016-0741	016-0745	016-0746	URBAN	URBAN		
*X7280105	TELESCOPING STEEL SIGN SUPPORT (SPECIAL)	FOOT	12	12										
*X7800700	PREFORMED THERMOPLASTIC PAVEMENT MARKING SHIELD	EACH	2	2										
*X8100863	INTERCEPT EXISTING CONDUIT	EACH	7									2	5	
*X8102845	UNDERGROUND CONDUIT, PVC., 4" DIA., SCHEDULE 80	FOOT	130									130		
X8130112	JUNCTION BOX TYPE J	EACH	12									12		
*X8140210	HEAVY-DUTY HANDHOLE (SPECIAL)	EACH	2										2	
*X8211000	UNDERPASS LUMINAIRE (SPECIAL)	EACH	18										18	
*X8250505	LIGHTING CONTROLLER, SPECIAL	EACH	1										1	
*X8251388	LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 200AMP (DUAL), RADIO SCADA	EACH	1									1		
*X8440120	REMOVE AND RE-ERECT EXISTING LIGHTING UNIT	EACH	18										18	
*X8710036	FIBER OPTIC CABLE 12 FIBERS, SINGLE MODE	FOOT	4218									4218		
*X8730246	ELECTRIC CABLE IN CONDUIT, NO. 19 25 PAIR	FOOT	2483									2483		
*X8730249	ELECTRIC CABLE IN CONDUIT, NO. 19 6/C	FOOT	422									422		
*X8730312	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 4/C, TWISTED, SHIELDED	FOOT	6210									6210		
*X8730401	ELECTRIC CABLE IN CONDUIT, COMMUNICATION	FOOT	325	325										

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM

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DATE: 08/22/2014		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 26 OF 29 SHEETS STA. TO STA.

F.A.I. RTE. 55	SECTION 2010-080-B	COUNTY COOK	TOTAL SHEETS 886	SHEET NO. 31
CONTRACT NO. 60L70				

Rev.

ILLINOIS FED. AID PROJECT

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				ROADWAY	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	HIGHWAY LIGHTING	ROADWAY LIGHTING	
				0004 URBAN	0011 016-1501	0011 016-1504	0011 016-1505	0040 016-0741	0040 016-0745	0040 016-0746	0021 URBAN	0021 URBAN	
*X8780105	CONCRETE FOUNDATIONS (SPECIAL)	EACH	4										4
*X8850109	PREFORMED INDUCTION LOOP	FOOT	726									726	
*X8950425	REMOVE EXISTING TRAFFIC SURVEILLANCE EQUIPMENT	L SUM	1									1	
*X1200007	TEMPORARY WOOD POLE, 80 FT., CLASS 4	EACH	1									1	
*X1200008	FIBER OPTIC PATCH PANEL, 96F	EACH	2									2	
X0900007	TEMPORARY MECHANICALLY STABILIZED EARTH RETAINING WALL, SPECIAL	SQ FT	23,128					16,725	2,334	4,069			
56104325	DUCTILE IRON WATER MAIN, MECHANICAL JOINT 36"	FOOT	330	330									
56105795	BUTTERFLY VALVES 36"	EACH	2	2									
56109208	TAPPING VALVES AND SLEEVES 36"	EACH	1	1									
X1200010	REMOVE AND REPLACE TAPPING SLEEVES, 36"	EACH	1	1									
X7035104	TEMPORARY EPOXY PAVEMENT MARKING - LINE 4"	FOOT	24387	24387									
X7035105	TEMPORARY EPOXY PAVEMENT MARKING - LINE 5"	FOOT	501	501									
X7035108	TEMPORARY EPOXY PAVEMENT MARKING - LINE 8"	FOOT	2623	2623									
X7035112	TEMPORARY EPOXY PAVEMENT MARKING - LINE 12"	FOOT	247	247									

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM

Rev.

FILE NAME: D:\66L70-511-500-ARI Sheets.dgn



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 DESIGNED: CRH
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 DATE: 08/22/2014

REVISIONS:
 REVISION NO. | DESCRIPTION
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 27 OF 29 SHEETS STA. TO STA.

F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	32
CONTRACT NO. 60L70			ILLINOIS PED. AID PROJECT	

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE										
				ROADWAY	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	HIGHWAY LIGHTING	ROADWAY LIGHTING		
				0004	0011	0011	0011	0040	0040	0040	0021	0021		
				URBAN	016-1501	016-1504	016-1505	016-0741	016-0745	016-0746	URBAN	URBAN		
	TEMPORARY WOOD POLE, 30 FT., CLASS 4	EACH	1											
*X0370205	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA., SCHEDULE 80 (CDOT)	FOOT	1625										1625	
X1200011	STORM SEWERS, TYPE 2, DUCTILE IRON PIPE 8"	FOOT	189	189										
X1200012	STORM SEWERS, TYPE 2, DUCTILE IRON PIPE 10"	FOOT	10	10										
X0327458	MANHOLE REMOVAL	EACH	1											
*X1400001	POWER DISTRIBUTION CENTER, GROUND MOUNT	EACH	1									1		
*X1400002	THERMAL MAGNETIC CIRCUIT BREAKER	EACH	1									1		
X0900008	TEMPORARY SHORING FOR EXISTING STRADDLE BENT	EACH	1			1								
X0900009	TEMPORARY SHORING FOR EXISTING SB I-55 VAULTED TERMINAL STRUCTURE	L SUM	1					1						
X0900010	TEMPORARY SHORING FOR EXISTING RAMP NW VAULTED TERMINAL STRUCTURE	L SUM	1							1				
70107006	PAVEMENT MARKING BLACKOUT TAPE 6"	FOOT	17668	17668										
70107008	PAVEMENT MARKING BLACKOUT TAPE 8"	FOOT	89	89										
X5030260	BRIDGE DECK GROOVING (SPECIAL)	SO YD	19,614		5566	5564	6155	967	842	520				
*X1400003	TEMPORARY WOOD POLE, 80 FT., CLASS 4, 15 FT. MAST ARM	EACH	9									9		

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM

FILE NAME: D:\00_70-SK-500-001-001-Sheets.dgn



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 PLOT DATE: 08/22/2014

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 28 OF 29 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	33
CONTRACT NO. 60L70			ILLINOIS FED. AID PROJECT	

Rev.

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				ROADWAY	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	HIGHWAY LIGHTING	ROADWAY LIGHTING
				0004	0011	0011	0011	0040	0040	0040	0021	0021
URBAN				URBAN	016-1501	016-1504	016-1505	016-0741	016-0745	016-0746	URBAN	URBAN
X0325155	REMOVE ABANDONED GAS MAIN	FOOT	10	10								
	OVERHEAD SIGN STRUCTURE - TRICHORD TYPE	FOOT	72.5	72.5								

2

X3800001	REMOVE EXISTING CATENARY SUPPORT SYSTEM COMPLETE	EACH	1	1
81026310	CONDUIT ENCASED, REINFORCED CONCRETE, 6" DIA., PVC 4 WIDE X 2 HIGH	FOOT	220	220
X1200013	MANHOLE, METRA SPECIAL	EACH	2	2
X3800002	CATENARY SUPPORT STRUCTURE, P-1	EACH	1	1
X3800003	CATENARY SUPPORT STRUCTURE, P-2	EACH	1	1
X3800004	CATENARY SUPPORT STRUCTURE, P-3	EACH	1	1
X1400004	ELECTRIC CABLE IN CONDUIT, 15KV (EPR TYPE MV-105), 1/C NO. 500MCM	FOOT	1300	1300
X1400005	ELECTRIC CABLE IN CONDUIT, 15KV (EPR-TYPE MV-105), 1/C 1000 MCM	FOOT	2600	2600

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM

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DATE: 08/22/2014		

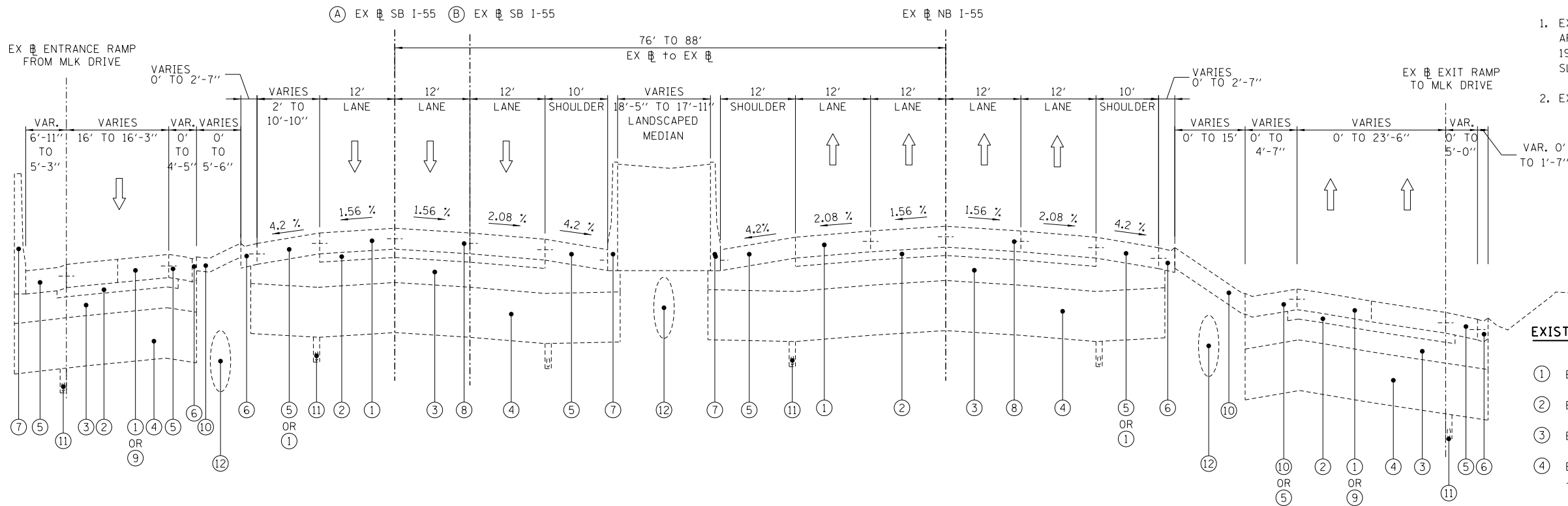
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

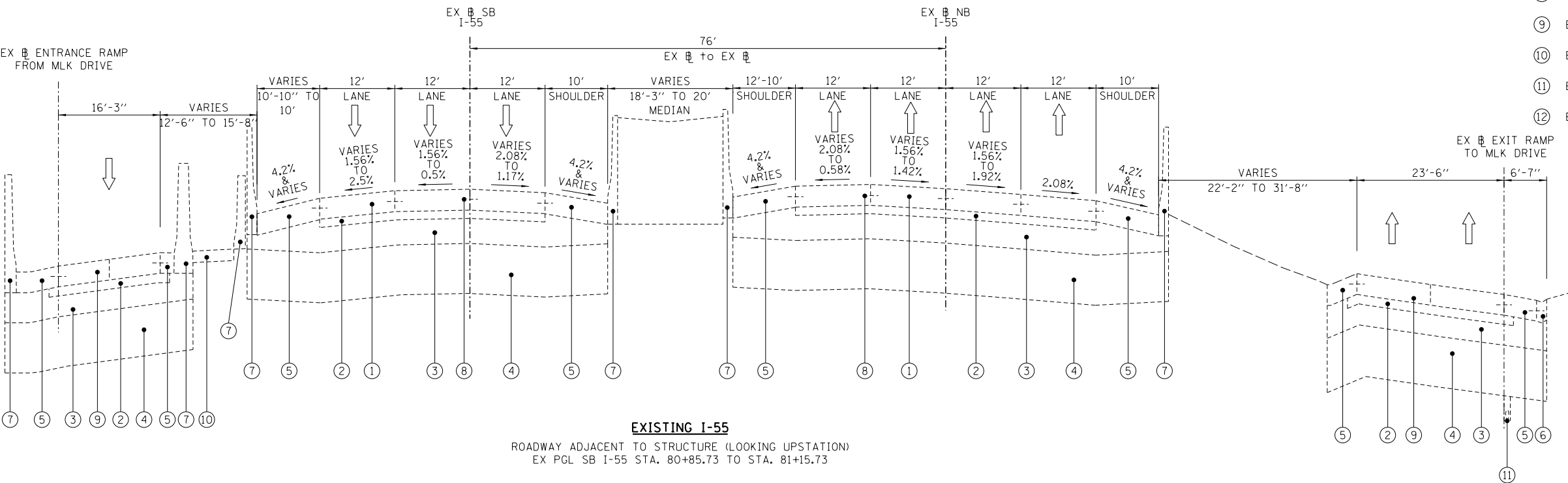
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F.A.I. R/L	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	34
CONTRACT NO. 60L70			ILLINOIS FED. AID PROJECT	

Rev.



EXISTING I-55
 ROADWAY SECTION (LOOKING UPSTATION)
 (A) EX SB I-55 STA. 175+12 TO STA. 179+77.04
 EX SB I-55 STA. 179+77.04 BK = EX SB PGL STA. 79+99.73 AH
 (B) EX SB I-55 STA. 79+99.73 TO STA. 80+85.73



EXISTING I-55
 ROADWAY ADJACENT TO STRUCTURE (LOOKING UPSTATION)
 EX PGL SB I-55 STA. 80+85.73 TO STA. 81+15.73

- NOTES:**
- EXISTING PAVEMENT COMPOSITION AND SLOPES AS SHOWN ARE BASED ON I-55/STEVENSON EXPRESSWAY PLANS, 1993. FIELD VERIFICATION IS REQUIRED FOR CORRECT SLOPES.
 - EXISTING TYPICAL SECTIONS NOT TO SCALE

- EXISTING I-55 LEGEND**
- ① EXISTING CONTINUOUSLY REINFORCED CONCRETE, 10"
 - ② EXISTING STABILIZED SUB-BASE, 4"
 - ③ EXISTING AGGREGATE SUB-GRADE, 12"
 - ④ EXISTING POROUS GRANULAR EMBANKMENT SUBGRADE, THICKNESS VARIES 0'-2'
 - ⑤ EXISTING PCC SHOULDER, 10"
 - ⑥ EXISTING COMBINATION CONCRETE CURB & GUTTER, (TB6.12 MOD OR TB MOD)
 - ⑦ EXISTING CONCRETE BARRIER WALL
 - ⑧ EXISTING TIE BAR
 - ⑨ EXISTING CONCRETE PAVEMENT, 10" HIN JT
 - ⑩ EXISTING CONCRETE MEDIAN SURFACE
 - ⑪ EXISTING PIPE UNDERDRAINS, 6" (FABRIC LINED)
 - ⑫ EXISTING RCP STORM DRAIN (SIZE VARIES)

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 PLOT DATE = 11/19/2014

DESIGNED - BS
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 DATE - 11/14/2014

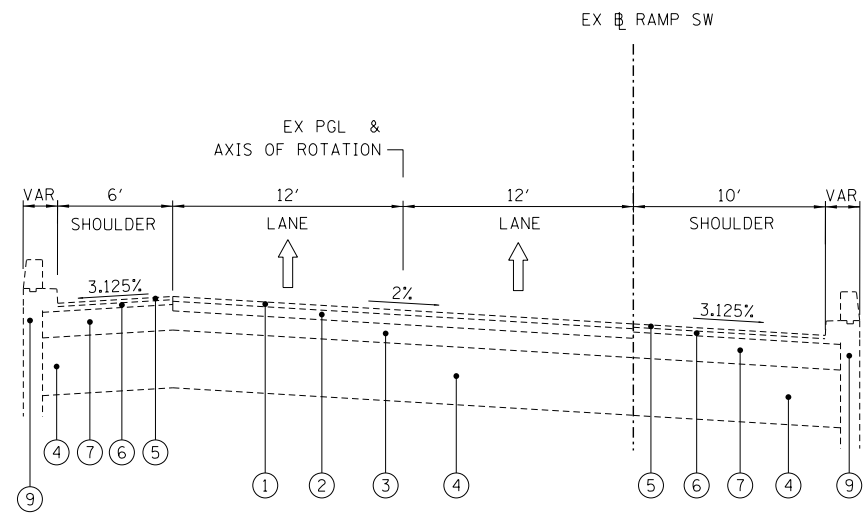
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

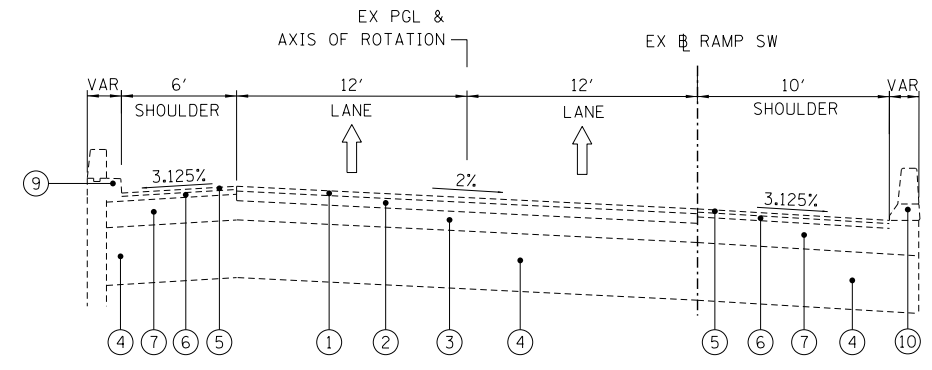
**EXISTING TYPICAL SECTIONS
 SB I-55**

SCALE: NONE SHEET NO. 1 OF 6 SHEETS STA. 175+12 TO STA. 81+15.73

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	35
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				

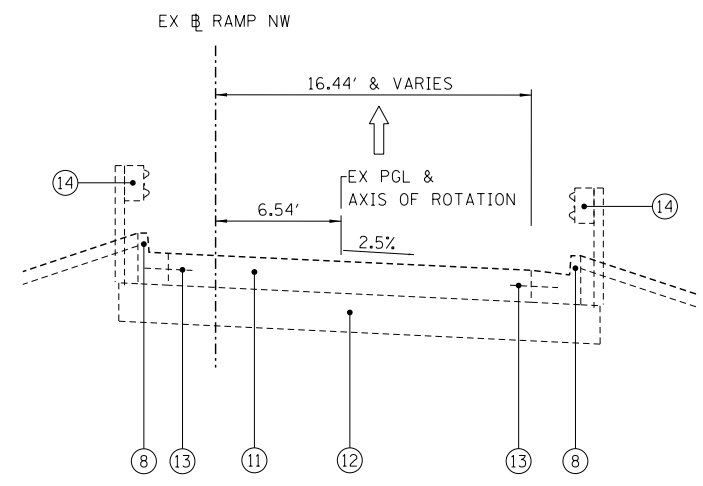


EXISTING RAMP SW
 LOOKING IN DIRECTION OF TRAFFIC
 EX RAMP SW STA 105+60.00 TO STA 106+76.00



EXISTING RAMP SW
 LOOKING IN DIRECTION OF TRAFFIC
 EX RAMP SW STA 106+76.00 TO STA 109+58.60

- NOTES: 1. EXISTING SLOPE AND PAVEMENT COMPOSITION AS SHOWN ARE BASED ON IMPROVEMENT OF US ROUTE 41-SOUTH LAKE SHORE DRIVE PLANS, 2001. FIELD VERIFICATION IS REQUIRED FOR CORRECT SLOPES AND PAVEMENT.
2. EXISTING TYPICAL SECTIONS NOT TO SCALE



EXISTING RAMP NW
 LOOKING IN DIRECTION OF TRAFFIC
 EX RAMP NW STA 118+15.84 TO STA 120+93.15

EXISTING RAMP NW & SW LEGEND

- ① EXISTING 1 1/2" HOT-MIX ASPHALT SURFACE COURSE, FINE DENSE GRADED AGGREGATE TYPE, CL. I, SUB-CL I-LL
- ② EXISTING 3" HOT-MIX ASPHALT BINDER COURSE, FINE DENSE GRADED AGGREGATE TYPE, CL. I, SUB-CL I-LL
- ③ EXISTING 6" GRAVEL OR CRUSHED STONE BASE COURSE, TYPE "A"
- ④ EXISTING 18" SUB-BASE GRANULAR MATERIAL, TYPE "B"
- ⑤ EXISTING 1" HOT-MIX ASPHALT SURFACE COURSE, FINE DENSE GRADED AGGREGATE TYPE, CL. I, SUB-CL I-LL
- ⑥ EXISTING 1 1/2" HOT-MIX ASPHALT BINDER COURSE, FINE DENSE GRADED AGGREGATE TYPE, CL. I, SUB-CL I-LL
- ⑦ EXISTING 8" GRAVEL OR CRUSHED STONE BASE COURSE, TYPE "A"
- ⑧ EXISTING COMB CONCRETE CURB AND GUTTER
- ⑨ EXISTING RETAINING WALL
- ⑩ EXISTING SINGLE FACE BARRIER WALL
- ⑪ EXISTING JOINTED PCC PAVEMENT, 9 1/2"
- ⑫ EXISTING AGGREGATE SUBGRADE, 12"
- ⑬ EXISTING TIE BAR
- ⑭ EXISTING GUARDRAIL

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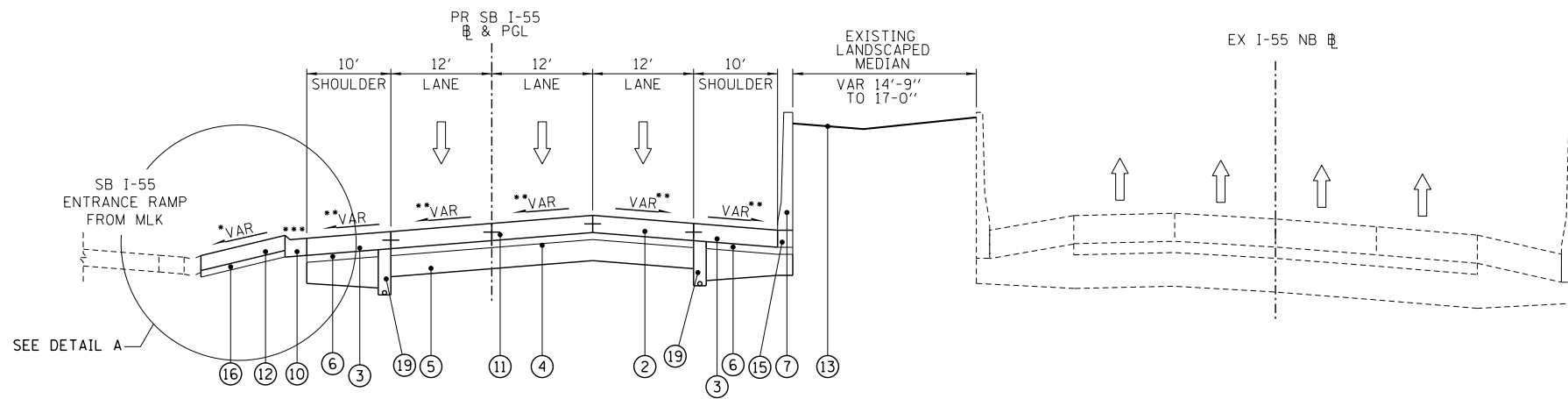
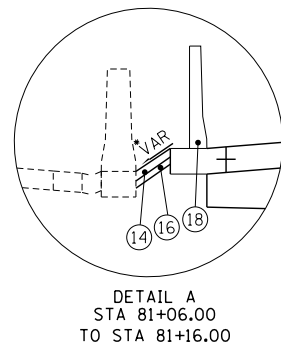
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EXISTING TYPICAL SECTIONS
 RAMP NW & RAMP SW**

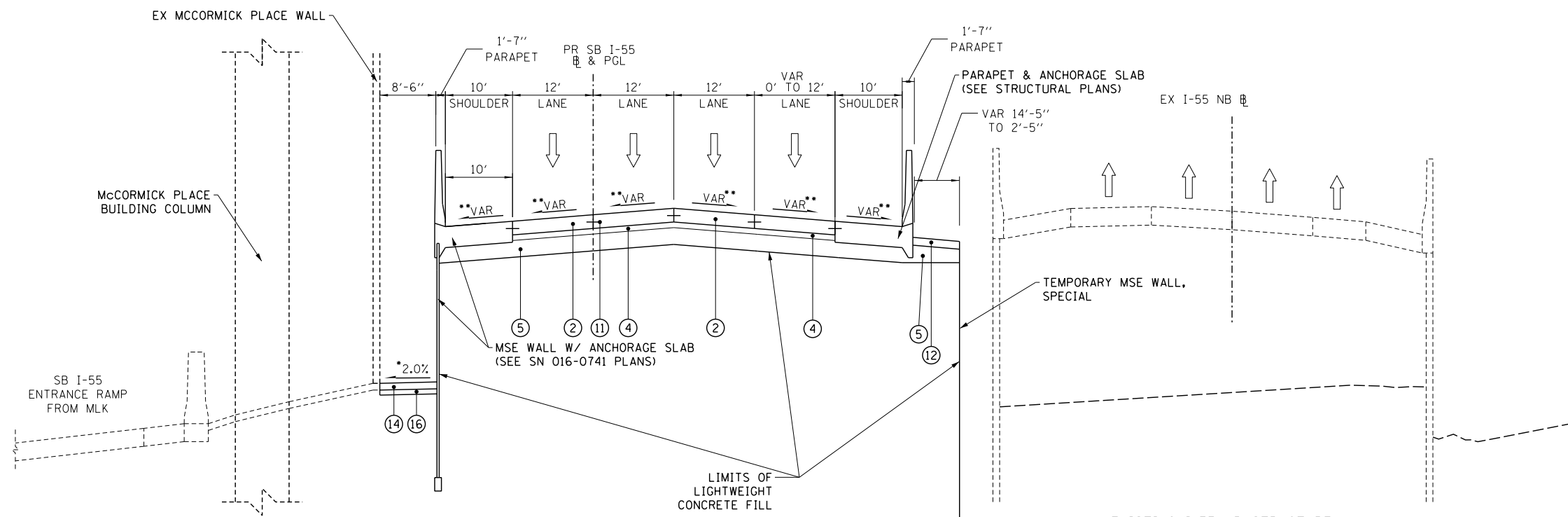
SCALE: SHEET NO. 2 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	36
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				



PROPOSED I-55 SB
 SB I-55 STA 80+86.00 TO STA 81+16.00
 • MATCH EXISTING CROSS SLOPES
 ** SEE SUPERELEVATION TRANSITION DETAILS FOR CROSS SLOPES
 *** COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (DEPRESSED) STA. 80+86.00 TO 81+06.26

EXISTING I-55 NB
 STA 80+86.00 TO STA 81+16.00 (PR SB I-55 STATIONING)
 (SEE EXISTING TYPICAL SECTIONS FOR DETAILS)



PROPOSED I-55 SB
 SB I-55 STA 81+16.00 TO STA 86+06.00
 • MATCH EXISTING CROSS SLOPES
 ** SEE SUPERELEVATION TRANSITION DETAILS FOR CROSS SLOPES
 *** BRIDGE APPROACH PAVEMENT CONNECTOR STA 84+69.00 TO 85+69.00
 **** BRIDGE APPROACH PAVEMENT (SEE STRUCTURAL PLANS FOR DETAILS) STA 85+69.00 TO 85+99.00

EXISTING I-55 NB STRUCTURE
 STA 81+16.00 TO STA 86+06.00 (PR SB I-55 STATIONING)
 (SEE EXISTING PLANS FOR DETAILS)

SB I-55
 BRIDGE OMISSION
 SB I-55 STA 85+99.00 TO 93+38.50

PROPOSED LEGEND:

- ① COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ② PORTLAND CEMENT CONCRETE PAVEMENT 9 3/4" (JOINTED)
- ③ PORTLAND CEMENT CONCRETE SHOULDERS 9 3/4"
- ④ STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- ⑤ AGGREGATE SUBGRADE IMPROVEMENT 12"
- ⑥ SUBBASE GRANULAR MATERIAL, TYPE C 4"
- ⑦ CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT
- ⑧ CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
- ⑨ STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- ⑩ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑪ DRILL AND GROUT TIE BARS (EPOXY COATED)
- ⑫ CONCRETE MEDIAN SURFACE, 6 INCH
- ⑬ PROPOSED FINISHED GRADE (SEE LANDSCAPING PLANS)
- ⑭ PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- ⑮ CONCRETE BARRIER BASE
- ⑯ SUB GRAN MAT B4
- ⑰ CONCRETE GUTTER, TYPE B
- ⑱ CONCRETE BARRIER WALL (SPECIAL)
- ⑲ PIPE UNDERDRAINS, 6"

FILE NAME = D:\60L70-Sht-Typical\03.dgn



USER NAME = augeungh
 PLOT SCALE = 10.0000" / 1"
 PLOT DATE = 11/19/2014

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 CHECKED - MJE
 DATE - 11/14/2014

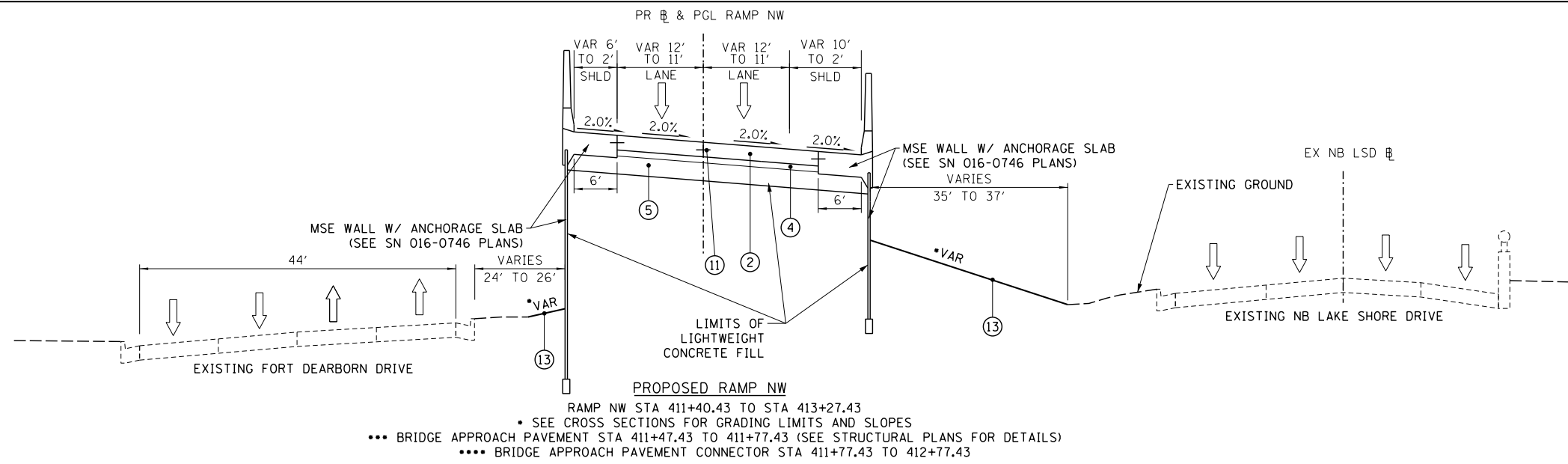
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS
 SB I-55

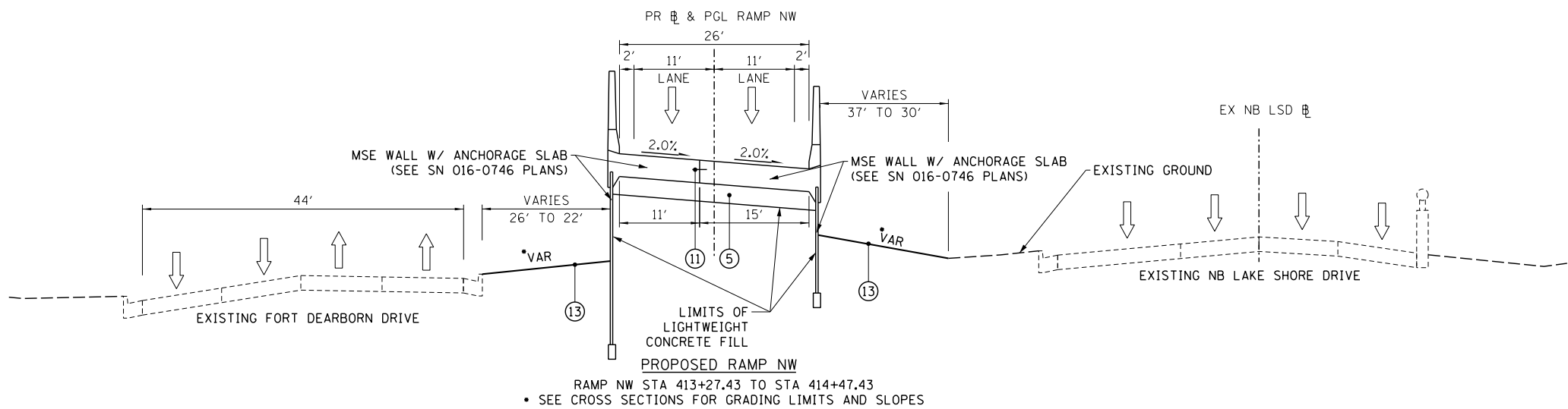
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	37
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				

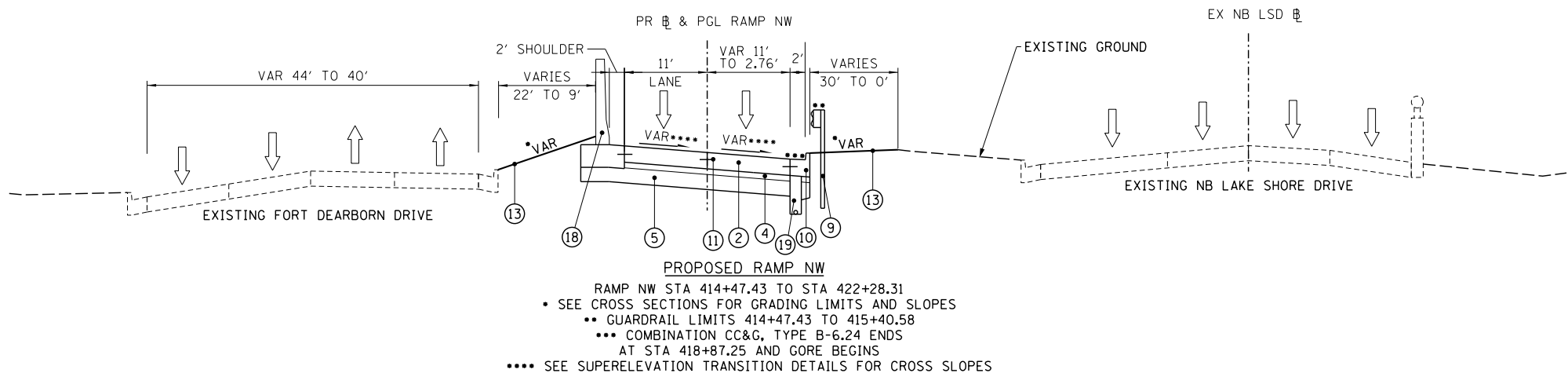


PROPOSED RAMP NW
 RAMP NW STA 411+40.43 TO STA 413+27.43
 • SEE CROSS SECTIONS FOR GRADING LIMITS AND SLOPES
 *** BRIDGE APPROACH PAVEMENT STA 411+47.43 TO 411+77.43 (SEE STRUCTURAL PLANS FOR DETAILS)
 **** BRIDGE APPROACH PAVEMENT CONNECTOR STA 411+77.43 TO 412+77.43

RAMP NW
 BRIDGE OMISSION
 RAMP NW STA 397+03.93 TO 411+47.43



PROPOSED RAMP NW
 RAMP NW STA 413+27.43 TO STA 414+47.43
 • SEE CROSS SECTIONS FOR GRADING LIMITS AND SLOPES



PROPOSED RAMP NW
 RAMP NW STA 414+47.43 TO STA 422+28.31
 • SEE CROSS SECTIONS FOR GRADING LIMITS AND SLOPES
 ** GUARDRAIL LIMITS 414+47.43 TO 415+40.58
 *** COMBINATION CC&G, TYPE B-6.24 ENDS AT STA 418+87.25 AND GORE BEGINS
 **** SEE SUPERELEVATION TRANSITION DETAILS FOR CROSS SLOPES

PROPOSED LEGEND:

- ① COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ② PORTLAND CEMENT CONCRETE PAVEMENT 9 3/4" (JOINTED)
- ③ PORTLAND CEMENT CONCRETE SHOULDERS 9 3/4"
- ④ STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- ⑤ AGGREGATE SUBGRADE IMPROVEMENT 12"
- ⑥ SUBBASE GRANULAR MATERIAL, TYPE C 4"
- ⑦ CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT
- ⑧ CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
- ⑨ STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- ⑩ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑪ DRILL AND GROUT TIE BARS (EPOXY COATED)
- ⑫ CONCRETE MEDIAN SURFACE, 6 INCH
- ⑬ PROPOSED FINISHED GRADE (SEE LANDSCAPING PLANS)
- ⑭ PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- ⑮ CONCRETE BARRIER BASE
- ⑯ SUB GRAN MAT B4
- ⑰ CONCRETE GUTTER, TYPE B
- ⑱ CONCRETE BARRIER WALL (SPECIAL)
- ⑲ PIPE UNDERDRAINS, 6"

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 CHECKED - MJE
 DATE - 11/14/2014

DESIGNED - BS
 DRAWN - BS
 CHECKED - MJE
 DATE - 11/14/2014

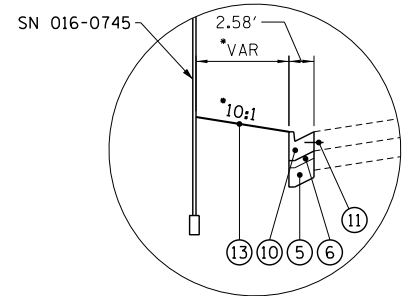
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

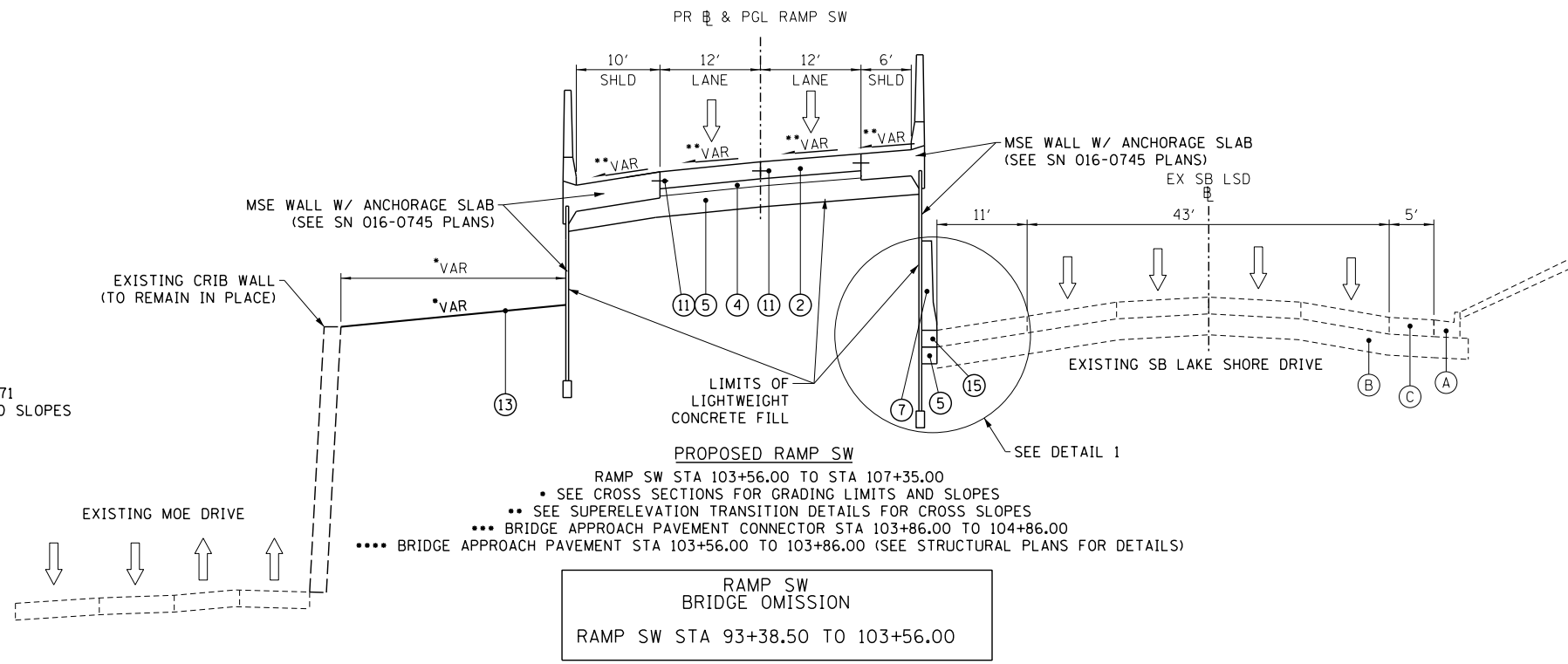
PROPOSED TYPICAL SECTIONS
 RAMP NW

SCALE: NONE SHEET NO. 4 OF 6 SHEETS STA. TO STA.

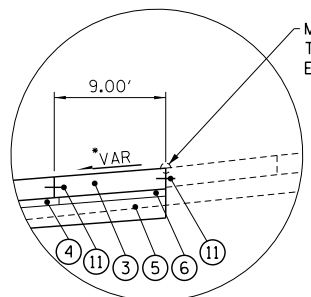
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	38
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				



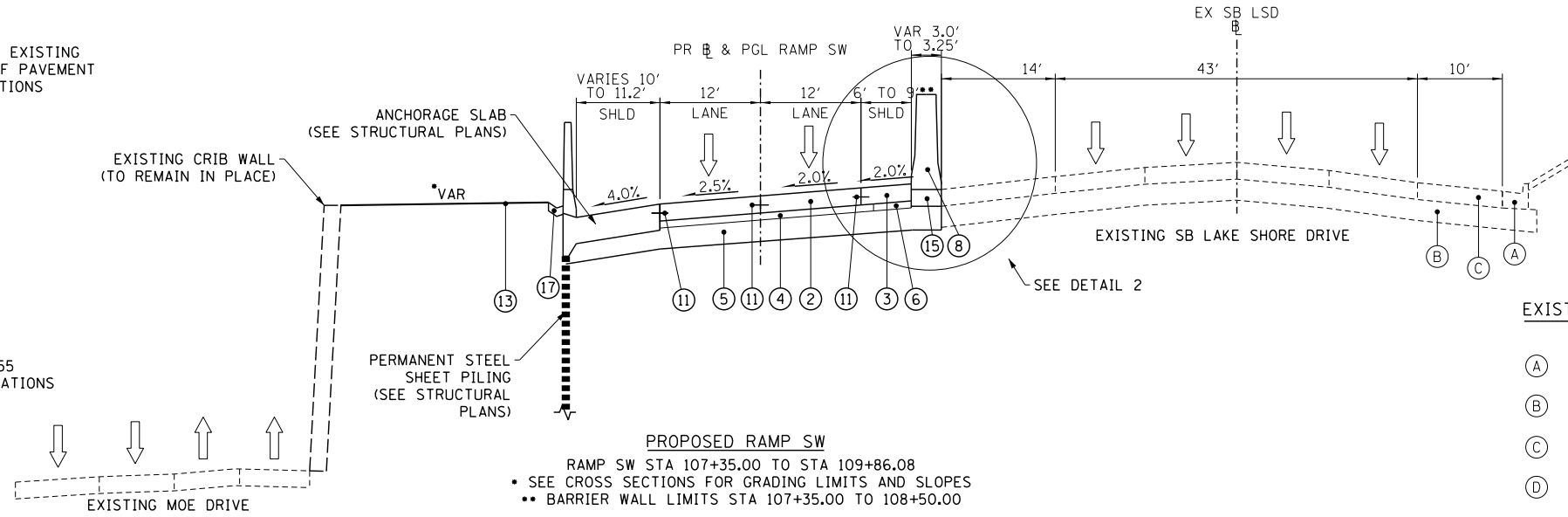
DETAIL 1
ALONG SB LAKE SHORE DRIVE
RAMP SW STA 103+56.00 TO STA 104+25.71
• SEE CROSS SECTIONS FOR GRADING LIMITS AND SLOPES



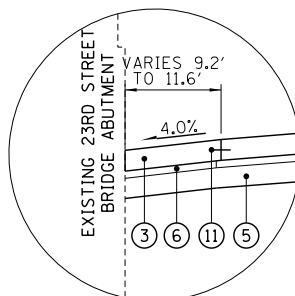
RAMP SW BRIDGE OMISSION
RAMP SW STA 93+38.50 TO 103+56.00



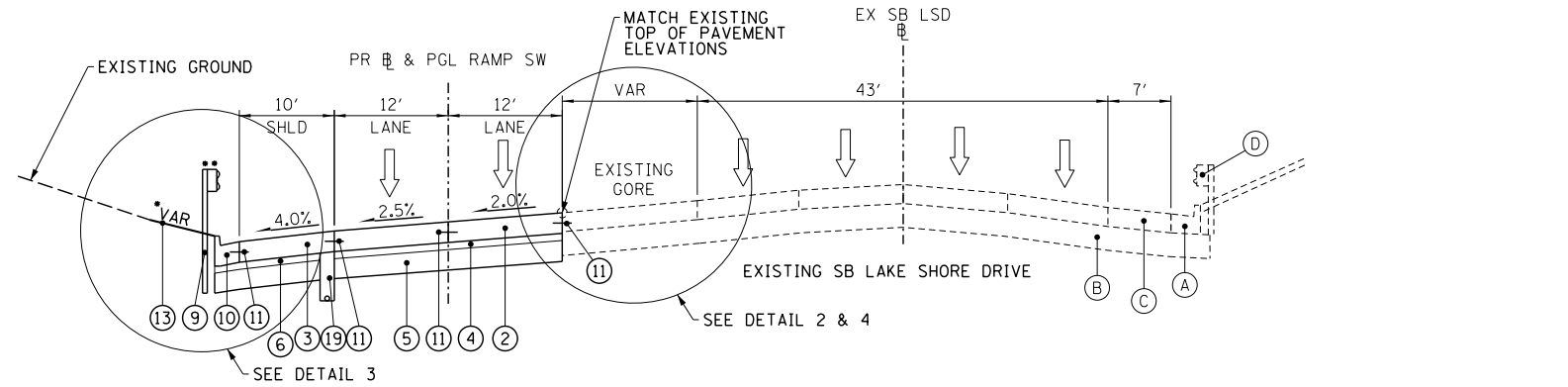
DETAIL 2
ALONG SB LAKE SHORE DRIVE
RAMP SW STA 108+50.00 TO STA 110+08.55
• VARY GORE SLOPE TO MATCH EXISTING ELEVATIONS



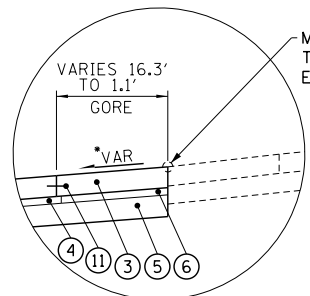
PROPOSED RAMP SW
RAMP SW STA 107+35.00 TO STA 109+86.08
• SEE CROSS SECTIONS FOR GRADING LIMITS AND SLOPES
• BARRIER WALL LIMITS STA 107+35.00 TO 108+50.00



DETAIL 3
RAMP SW STA 109+86.08 TO STA 111+42.78



PROPOSED RAMP SW
RAMP SW STA 109+86.08 TO STA 114+08.00
• SEE CROSS SECTIONS FOR GRADING LIMITS AND SLOPES
• GUARDRAIL LIMITS STA 111+42.78 TO 112+35.93



DETAIL 4
ALONG SB LAKE SHORE DRIVE
RAMP SW STA 110+82.81 TO STA 114+08.00
• VARY GORE SLOPE TO MATCH EXISTING ELEVATIONS

- PROPOSED LEGEND:**
- ① COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
 - ② PORTLAND CEMENT CONCRETE PAVEMENT 9 3/4" (JOINTED)
 - ③ PORTLAND CEMENT CONCRETE SHOULDERS 9 3/4"
 - ④ STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
 - ⑤ AGGREGATE SUBGRADE IMPROVEMENT 12"
 - ⑥ SUBBASE GRANULAR MATERIAL, TYPE C 4"
 - ⑦ CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT
 - ⑧ CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
 - ⑨ STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
 - ⑩ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - ⑪ DRILL AND GROUT TIE BARS (EPOXY COATED)
 - ⑫ CONCRETE MEDIAN SURFACE, 6 INCH
 - ⑬ PROPOSED FINISHED GRADE (SEE LANDSCAPING PLANS)
 - ⑭ PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
 - ⑮ CONCRETE BARRIER BASE
 - ⑯ COARSE SAND PLACEMENT 4 INCH
 - ⑰ CONCRETE GUTTER, TYPE B
 - ⑱ CONCRETE BARRIER WALL (SPECIAL)
 - ⑲ PIPE UNDERDRAINS, 6"

- EXISTING SB LAKESHORE DRIVE LEGEND**
- (A) EXISTING COMBINATION CONC. CURB AND GUTTER, TYPE B-6.24
 - (B) EXISTING AGGREGATE SUBGRADE, 12"
 - (C) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 9 1/2" (JOINTED)
 - (D) STEEL PLATE BEAM GUARDRAIL

FILE NAME = D:\60L70-Sht-Typical\05.dgn



USER NAME = augeungh	DESIGNED - BS	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - BS	REVISED -
PLOT DATE = 11/19/2014	CHECKED - MJE	REVISED -
	DATE - 11/14/2014	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

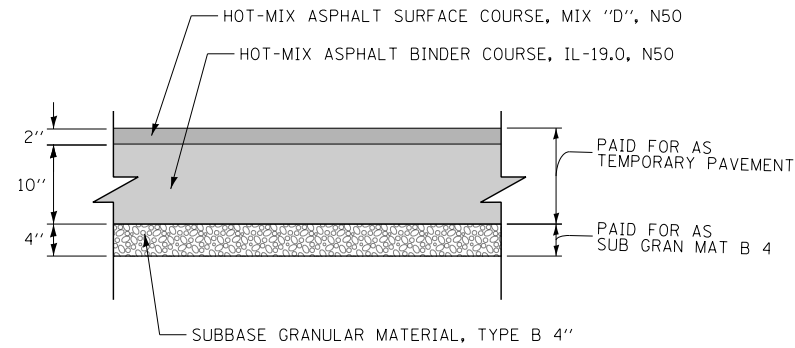
**PROPOSED TYPICAL SECTIONS
RAMP SW**

SCALE: NONE SHEET NO. 5 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	39
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				

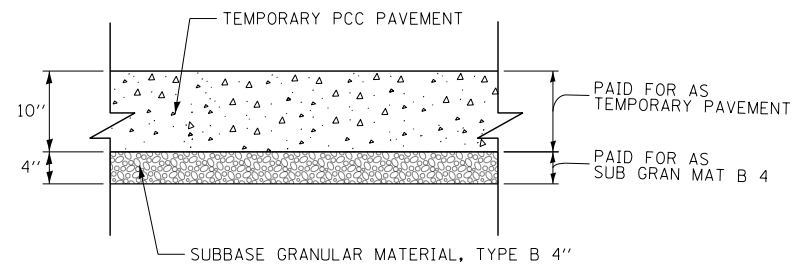
TEMPORARY PAVEMENT DETAILS:

DETAIL A: FULL DEPTH TEMPORARY HMA PAVEMENT



TEMPORARY HMA PAVEMENT FOR TEMPORARY ENTRANCE ON RAMP NW

DETAIL B: TEMPORARY PCC PAVEMENT



TEMPORARY PCC PAVEMENT FOR TEMPORARY ENTRANCE ON RAMP NW

TEMPORARY PAVEMENT GENERAL NOTES:

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

HOT MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS (%) @NDES	QMP
TEMPORARY PAVEMENT (IF HMA OPTION IS SELECTED BY CONTRACTOR)		
TEMPORARY ENTRANCE ON RAMP NW		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL-9.5 MM): 2"	4% @ 50 GYR	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50: 10" (IN 4 LIFTS)	4% @ 50 GYR	QC/QA
SB I-55, RAMP NW, RAMP SW		
STABILIZED SUBBASE - HOT-MIX ASPHALT, 4" (HMA BINDER IL-19 MM)	3% @ 50 GYR	QCP
CLASS D PATCHES (HMA BINDER IL-19mm)	4% @ 70 GYR	QC/QA
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP)		

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

SB I-55

STRUCTURAL DESIGN TRAFFIC:	YEAR	2040
PV= 126,826	SU= 2,073	MU= 648
ROAD/STREET CLASSIFICATION:	CLASS	I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P= 8	S= 37	M= 37
TRAFFIC FACTOR:	ACTUAL TF= 5.57	AC TYPE=
	MINIMUM TF= 8.26	
PG GRADE:	BINDER=	SURFACE=
SUBGRADE SUPPORT RATING	SSR=	POOR

RAMP SW

STRUCTURAL DESIGN TRAFFIC:	YEAR	2040
PV= 39,909	SU= 692	MU= 81
ROAD/STREET CLASSIFICATION:	CLASS	I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P= 100	S= 100	M= 100
TRAFFIC FACTOR:	ACTUAL TF= 3.24	AC TYPE=
	MINIMUM TF= 8.26	
PG GRADE:	BINDER=	SURFACE=
SUBGRADE SUPPORT RATING	SSR=	POOR

RAMP NW

STRUCTURAL DESIGN TRAFFIC:	YEAR	2040
PV= 20,501	SU= 275	MU= 71
ROAD/STREET CLASSIFICATION:	CLASS	I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P= 100	S= 100	M= 100
TRAFFIC FACTOR:	ACTUAL TF= 1.84	AC TYPE=
	MINIMUM TF= 8.26	
PG GRADE:	BINDER=	SURFACE=
SUBGRADE SUPPORT RATING	SSR=	POOR

FILE NAME = D:\06\78-Shr-T\pca106.dgn



USER NAME = ouyeungh	DESIGNED - BS	REVISED -
	DRAWN - BS	REVISED -
PLOT SCALE = 10.0000 "/> <td>CHECKED - MJE</td> <td>REVISED -</td>	CHECKED - MJE	REVISED -
PLOT DATE = 11/19/2014	DATE - 11/14/2014	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: NONE SHEET NO. 6 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	40
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				

REMOVAL SCHEDULE

SHEET	ROADWAY	*												
		TREE REMOVAL (UNDER 6 UNITS DIAMETER) UNIT	TREE REMOVAL (6 TO 15 UNITS DIAMETER) UNIT	TREE REMOVAL (OVER 15 UNITS DIAMETER) UNIT	PAVEMENT REMOVAL SQ YD	COMBINATION CURB AND GUTTER REMOVAL FOOT	SIDEWALK REMOVAL SQ FT	CONCRETE BARRIER REMOVAL FOOT	PAVED SHOULDER REMOVAL SQ YD	GUARDRAIL REMOVAL FOOT	FENCE REMOVAL FOOT	SLOTTED DRAIN REMOVAL FOOT	REMOVE IMPACT ATTENUATOR SAND MODULE EACH	CONCRETE MEDIAN SURFACE REMOVAL SQ FT
1	I-55 SB	-	-	-	194	31	5,052	177	-	-	-	-	-	246
2	I-55 SB / RAMP SW	-	-	-	-	-	-	-	-	67	-	-	-	-
3	RAMP NW / RAMP SW	35	380	63	-	300	-	-	-	39	-	-	-	-
4	RAMP NW	133	126	158	206	726	-	-	-	174	-	-	-	-
5	RAMP NW	-	-	-	1,042	812	-	-	184	258	-	-	-	-
6	RAMP SW	8	153	125	2,163	1,220	-	290	1,833	122	-	96	1	1,210
--	ROADWAY DETAILS	-	-	-	530	1,129	11,038	-	-	-	322	-	-	3,917
TOTALS		176	659	346	4,135	4,218	16,090	467	2,017	660	322	96	1	5,373

* "TREE REMOVAL (UNDER 6 UNITS DIAMETER)" IS NOT A PAY ITEM AND WILL NOT BE INCLUDED IN THE COST OF THE CONTRACT. QUANTITY IS SHOWN FOR INFORMATION ONLY.

PROPOSED PAVEMENT SCHEDULE

SHEET	ROADWAY	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SUBBASE GRANULAR MATERIAL, TYPE C 4"	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"	AGGREGATE SUBGRADE IMPROVEMENT 12"	PORTLAND CEMENT CONCRETE PAVEMENT 9 3/4" (JOINTED)	PORTLAND CEMENT CONCRETE PAVEMENT 10"	BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)	PROTECTIVE COAT	PORTLAND CEMENT CONCRETE SHOULDERS 9 3/4"	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	PAVEMENT FABRIC
		SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ FT	SQ YD
1	I-55 SB	521	-	96	2,311	4,149	1,768	-	534	3,345	93	4,441	534
2	I-55 SB / RAMP SW	-	-	-	-	-	-	-	-	3	-	-	-
3	RAMP NW / RAMP SW	-	-	-	-	87	-	-	-	124	-	-	-
4	RAMP NW	-	-	-	1,083	2,037	768	-	242	1,599	-	-	242
5	RAMP NW	-	-	218	1,456	1,766	1,340	-	-	2,394	252	-	-
6	RAMP SW	19	-	972	2,896	5,366	2,459	-	267	5,162	1,024	-	267
	ROADWAY DETAILS	1,632	619	-	-	160	-	619	-	1,752	-	10,778	-
TOTALS		2,172	619	1,286	7,746	13,565	6,335	619	1,043	14,379	1,369	15,219	1,043

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USER NAME = HENAO	DESIGNED - BS	REVISED -
	DRAWN - BS	REVISED -
PLOT SCALE = 100.0000' / 1"	CHECKED - MJE	REVISED -
PLOT DATE = 12/5/2014	DATE - 12/5/2014	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: 1" = 50' SHEET NO. 1 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	41
CONTRACT NO. 60L70			ILLINOIS FED. AID PROJECT	

PROPOSED PATCHING SCHEDULE

SHEET	ROADWAY	CLASS A PATCHES, TYPE III, 10 INCH	CLASS B PATCHES, TYPE II, 10 INCH	DOWEL BARS 1"	CLASS C PATCHES, TYPE III, 7 INCH	CLASS C PATCHES, TYPE IV, 8 INCH	CLASS D PATCHES, TYPE II, 6 INCH	CLASS D PATCHES, TYPE III, 6 INCH	CLASS D PATCHES, TYPE IV, 6 INCH	CLASS D PATCHES, TYPE III, 9 INCH	CLASS D PATCHES, TYPE IV, 9 INCH	PATCHING REINFORCEMENT	SAW CUTS	TIE BARS 3/4"
		SO YD	SO YD	EACH	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	FOOT
1	I-55 SB	19	-	-	-	-	13	23	347	21	525	19	67	34
2	I-55 SB / RAMP SW	-	-	-	-	-	-	40	940	-	-	-	-	-
3	RAMP NW / RAMP SW	-	-	-	16	103	15	-	1,952	-	-	-	-	-
4	RAMP NW	-	-	-	-	-	-	-	-	-	-	-	-	-
5	RAMP NW	-	-	-	-	-	-	-	-	-	-	-	-	-
6	RAMP SW	-	28	72	-	45	-	-	192	-	-	-	113	-
TOTALS		19	28	72	16	148	28	63	3,431	21	525	19	180	34

PROPOSED CCC&G AND MEDIAN SCHEDULE

SHEET	ROADWAY	CONCRETE GUTTER, TYPE B	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	CONCRETE MEDIAN SURFACE, 6 INCH
		FOOT	FOOT	FOOT	SO FT
1	I-55 SB	-	-	20	3,547
2	I-55 SB / RAMP SW	-	-	-	-
3	RAMP NW / RAMP SW	-	-	340	-
4	RAMP NW	-	-	754	-
5	RAMP NW	-	-	293	-
6	RAMP SW	267	-	783	163
TOTALS		267	915	2,190	7,330

PROPOSED SAFETY ITEMS SCHEDULE

SHEET	ROADWAY	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 2	TRAFFIC BARRIER TERMINAL, TYPE 6	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT	CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT	CONCRETE BARRIER WALL (SPECIAL)	TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)	CONCRETE BARRIER TRANSITION	CONCRETE BARRIER BASE	IMPACT ATTENUATORS (SEVERE USE, NARROW), TEST LEVEL 3	CHAIN LINK FENCE, 6'	CHAIN LINK GATES, 6' X 12' DOUBLE	CHAIN LINK GATES, 6' X 24' DOUBLE	GUARDRAIL MARKERS, TYPE A	BARRIER WALL MARKERS, TYPE C	TERMINAL MARKER - DIRECT APPLIED	REMOVE AND RESET ORNAMENTAL FENCE
		FOOT	EACH	EACH	EACH	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	FOOT	EACH	EACH	EACH	EACH	EACH	FOOT
1	I-55 SB	-	-	-	-	15	-	10	0	15	30	-	15	1	-	-	2	-	127
2	I-55 SB / RAMP SW	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-
3	RAMP NW / RAMP SW	-	-	-	-	-	-	-	0	-	-	-	80	-	-	-	-	-	-
4	RAMP NW	-	-	1	1	-	-	255	0	-	-	-	-	-	-	-	10	1	-
5	RAMP NW	-	-	1	1	-	-	525	0	-	-	-	-	-	-	-	21	1	-
6	RAMP SW	-	-	1	1	350	105	-	0	10	465	1	-	-	-	-	19	1	-
TOTALS		275	3	3	6	365	105	790	67	25	495	1	272	1	1	11	52	6	127

NOTES:

- ALSO SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS FOR ADDITIONAL ROADSIDE SAFETY QUANTITIES.
- STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS TOTAL IS ROUNDED UP TO THE NEAREST 12.5'.

FILE NAME = D:\6L70-Sht-C-SCHEDULE02.dgn



USER NAME = HENAOC
 DESIGNED - BS
 DRAWN - BS
 PLOT SCALE = 100.0000' / 1".
 CHECKED - MJE
 PLOT DATE = 12/5/2014

REVISOR -
 REVISION -
 CHECKED - MJE
 DATE - 12/5/2014

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES
 SCALE: 1" = 50'
 SHEET NO. 2 OF 3 SHEETS
 STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	42
CONTRACT NO. 60L70				

ILLINOIS FED. AID PROJECT

PROPOSED EARTHWORK SCHEDULE

ALIGNMENT	STATION	TO	STATION	EARTH EXCAVATION			
				CU YD	CU YD	CU YD	CU YD
SB I-55	80+86.00	TO	81+00.00	73	63	0	+63
	81+00.00	TO	81+15.90	82	70	1	+69
	81+00.00	TO	81+16.00	1	1	1	0
	81+15.90	TO	81+50.00	61	52	0	+52
	81+50.00	TO	82+00.00	17	15	0	+15
	82+00.00	TO	82+50.00	19	17	0	+17
	82+00.00	TO	83+00.00	18	16	0	+16
	83+00.00	TO	83+50.00	18	16	0	+16
	83+50.00	TO	84+00.00	16	14	0	+14
	84+00.00	TO	84+50.00	13	12	0	+12
	84+50.00	TO	85+00.00	13	12	0	+12
	85+00.00	TO	85+50.00	12	11	0	+11
	85+50.00	TO	85+99.00	12	11	0	+11
	85+99.00	TO	86+00.00	1	1	0	+1
	86+00.00	TO	86+05.54	2	2	0	+2
SB I-55 SUBTOTALS:				358	313	2	+311

ALIGNMENT	STATION	TO	STATION	EARTH EXCAVATION			
				CU YD	CU YD	CU YD	CU YD
RAMP SW	103+50.00	TO	103+56.00	2	2	1	+1
	103+56.00	TO	104+00.00	8	7	1	+6
	104+00.00	TO	104+50.00	9	8	0	+8
	104+50.00	TO	105+00.00	9	8	0	+8
	105+00.00	TO	105+50.00	9	8	0	+8
	105+50.00	TO	106+00.00	9	8	0	+8
	106+00.00	TO	106+50.00	216	184	1	+183
	106+50.00	TO	107+00.00	409	348	1	+347
	106+00.00	TO	107+35.00	267	227	1	+226
	107+35.00	TO	107+35.10	1	1	1	0
	107+35.10	TO	107+50.00	103	88	1	+87
	107+50.00	TO	108+00.00	346	295	3	+292
	108+00.00	TO	108+50.00	296	252	3	+249
	108+50.00	TO	109+00.00	236	201	4	+197
	108+50.00	TO	109+50.00	181	154	5	+149
	109+00.00	TO	110+00.00	168	143	3	+140
	110+00.00	TO	110+50.00	163	139	0	+139
	110+50.00	TO	111+00.00	181	154	0	+154
	111+00.00	TO	111+50.00	215	183	0	+183
	111+50.00	TO	112+00.00	213	182	0	+182
	112+00.00	TO	112+50.00	202	172	0	+172
	112+50.00	TO	113+00.00	169	144	0	+144
	113+00.00	TO	113+50.00	145	124	0	+124
	113+50.00	TO	114+00.00	147	125	0	+125
	114+00.00	TO	114+08.00	24	21	0	+21
RAMP SW SUBTOTALS:				3,728	3,178	25	+3,153

ALIGNMENT	STATION	TO	STATION	EARTH EXCAVATION				
				CU YD	CU YD	CU YD	CU YD	
RAMP NW	410+80.66	TO	411+00.00	51	44	1	+43	
	411+00.00	TO	411+40.42	94	80	41	+39	
	411+40.42	TO	411+40.89	1	1	1	0	
	411+40.89	TO	411+47.43	11	10	4	+6	
	411+47.43	TO	411+50.00	4	4	2	+2	
	411+50.00	TO	412+00.00	59	51	67	-16	
	412+00.00	TO	412+50.00	43	37	106	-69	
	412+50.00	TO	413+00.00	39	34	128	-94	
	413+00.00	TO	413+50.00	40	34	133	-99	
	413+50.00	TO	414+00.00	48	41	116	-75	
	414+00.00	TO	414+47.42	45	39	155	-116	
	414+47.42	TO	414+50.00	2	2	10	-8	
	414+50.00	TO	415+00.00	30	26	99	-73	
	415+00.00	TO	415+50.00	31	27	45	-18	
	415+50.00	TO	416+00.00	148	126	49	+77	
	416+00.00	TO	416+50.00	246	210	49	+161	
	416+50.00	TO	417+00.00	222	189	19	+170	
	417+00.00	TO	417+50.00	186	159	16	+143	
	417+50.00	TO	418+00.00	157	134	38	+96	
	418+00.00	TO	418+50.00	152	130	47	+83	
	418+50.00	TO	419+00.00	187	159	25	+134	
	419+00.00	TO	419+50.00	214	182	6	+176	
	419+50.00	TO	420+00.00	189	161	4	+157	
	420+00.00	TO	420+50.00	162	138	4	+134	
	420+50.00	TO	421+00.00	136	116	2	+114	
	421+00.00	TO	421+50.00	115	98	2	+96	
	421+50.00	TO	422+00.00	98	84	1	+83	
	422+00.00	TO	422+28.30	48	41	2	+39	
	RAMP NW SUBTOTALS:				2,758	2,357	1,172	+1,185

PROPOSED PAVEMENT MARKING SCHEDULE

SHEET	STATION	TO	STATION	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS				POLYUREA PAVEMENT MARKING TYPE 1 - LETTERS AND SYMBOLS				RAISED REFLECTIVE PAVEMENT MARKER	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	PREFORMED THERMOPLASTIC PAVEMENT MARKING SHIELD		
				SQ FT	FOOT	FOOT	FOOT	SQ FT	FOOT	FOOT	FOOT					
PMK -1	--	TO	91+00	0	0	0	0	42	1,775	841	1,397	109	57	27	0	
PMK -2	91+00	TO	408+00	0	0	0	0	42	3,772	710	729	109	0	89	0	
PMK -3	408+00	TO	1095+00	0	0	0	0	0	2,395	421	1,111	233	61	10	0	
PMK -4	1095+00	TO	1080+00	0	0	0	0	88	0	425	2,086	87	83	0	0	
PMK -5	100+00	TO	2131+00	0	0	0	0	0	2,651	553	1,899	425	95	9	0	
PMK -6	2131+00	TO	2146+00	0	0	0	0	88	151	375	2,980	48	101	0	0	
PMK -7	2146+00	TO	--	0	0	0	0	0	450	113	0	0	12	0	0	
PMK -8	--	TO	--	78	562	0	86	65	0	0	51	12	0	0	2	
PMK -9	--	TO	--	0	0	2,084	0	0	0	0	0	0	0	0	0	
TOTALS				78	562	2,084	86	65	260	11,194	3,437	10,253	1,023	409	135	2

RAMP NW - STAGING	STATION	TO	STATION	EARTH EXCAVATION				
				CU YD	CU YD	CU YD	CU YD	
RAMP NW - STAGING	414+47.42	TO	414+50.00	0	0	6	-6	
	414+50.00	TO	415+00.00	0	0	183	-183	
	415+00.00	TO	415+50.00	0	0	98	-98	
	415+50.00	TO	416+00.00	32	28	29	-1	
	416+00.00	TO	416+50.00	95	81	0	+81	
	416+50.00	TO	417+00.00	84	72	0	+72	
	417+00.00	TO	417+50.00	42	36	0	+36	
	417+50.00	TO	418+00.00	44	38	0	+38	
	418+00.00	TO	418+50.00	47	40	0	+40	
	418+50.00	TO	419+00.00	24	21	0	+21	
	RAMP NW STAGING SUBTOTALS:				368	316	0	0

TOTALS	7,212	6,164	1,199	+4,649
ROUNDED TOTAL	7,215			

•NOT PAY ITEM

NOTES:

- ESTIMATED SHRINKAGE FACTOR = 15%
- APPROXIMATE EMBANKMENT QUANTITY IS SHOWN FOR INFORMATION ONLY.
- APPROXIMATE EARTHWORK BALANCE IS SHOWN FOR INFORMATION ONLY.
- EARTH EXCAVATION TOTAL IS ROUNDED UP TO THE NEAREST 5 CU YD.

FILE NAME = D:\06\78-Sht-C-SCHEDULE03.dgn



USER NAME = HENAO
 DESIGNED - BS
 DRAWN - BS
 PLOT SCALE = 50.0000' / in.
 CHECKED - MJE
 PLOT DATE = 11/21/2014

REVISED -
 REVISED -
 REVISED -
 REVISED -

DATE - 11/14/2014

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: 1" = 50' SHEET NO. 3 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	43
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				

EXISTING DRAINAGE STRUCTURE SCHEDULE

STATION	OFFSET	CATCH BASINS TO BE ADJUSTED	MANHOLES TO BE ADJUSTED	REMOVING MANHOLES	REMOVING CATCH BASINS	CATCH BASINS TO BE RECONSTRUCTED	MANHOLES TO BE RECONSTRUCTED	FILLING CATCH BASINS	DRAINAGE & UTILITY STRUCTURES TO BE RECONSTRUCTED (SPECIAL)	DRAINAGE STRUCTURE RECONSTRUCTION (SPECIAL)	FILLING CATCH BASINS, SPECIAL	COMMENTS
		EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	
SB I-55												
80+98.27	21.77' LT				1							TO BE REPLACED BY STRUCTURE S-03
80+99.21	42.48' RT			1								TO BE REPLACED BY STRUCTURE S-01
81+11.64	33.41' RT				1							
82+58.96	42.43' RT									1		EX MH RIM ELEV: 595.19 PR MH RIM ELEV: 602.20
82+67.96	37.90' RT				1						1	
82+67.96	50.09' RT											
84+19.70	44.01' RT									1		EX MH RIM ELEV: 595.16 PR MH RIM ELEV: 607.39
84+24.00	56.03' RT										1	
84+24.41	32.35' RT				1							
84+29.34	28.77' LT					1						EX CB RIM ELEV: 595.32 PR CB RIM ELEV: 595.32
86+15.83	44.07' RT			1								
86+21.29	30.15' RT				1							TO BE REPLACED BY STRUCTURE S-10A
86+21.35	57.71' RT					1						EX CB RIM ELEV: 595.03 PR CB RIM ELEV: 595.03
87+09.37	30.05' RT					1						EX CB RIM ELEV: 595.32 PR CB RIM ELEV: 595.32
89+10.79	43.85' RT						1					EX MH RIM ELEV: 595.32 PR MH RIM ELEV: 595.32
89+96.09	30.13' RT							1				
90+96.39	44.49' RT						1					EX MH RIM ELEV: 595.84 PR MH RIM ELEV: 595.84
91+00.01	30.09' RT							1				
91+78.64	44.61' RT						1					EX MH RIM ELEV: 595.90 PR MH RIM ELEV: 595.90
91+84.38	30.76' RT							1				
RAMP SW												
96+57.58	42.22' LT						1					EX MH RIM ELEV: 589.87 PR MH RIM ELEV: 589.87
96+60.13	42.81' LT				1							
97+16.49	20.60' RT						1					EX MH RIM ELEV: 590.26 PR MH RIM ELEV: 590.26
97+44.87	40.76' LT				1							
98+06.42	6.17' RT				1							
99+24.23	76.91' RT				1							
100+18.44	46.15' LT					1						EX CB RIM ELEV: 588.81 PR CB RIM ELEV: 588.81
103+44.91	44.02' LT					1						EX CB RIM ELEV: 601.96 PR CB RIM ELEV: 601.96
106+31.57	32.50' LT				1							
106+51.20	32.11' LT				1							
107+30.19	25.85' LT			1								
107+71.45	28.94' LT				1							
108+66.08	22.67' LT				1							TO BE REPLACED BY STRUCTURE S-25
109+74.50	18.22' LT					1						EX CB RIM ELEV: 601.78 PR CB RIM ELEV: 601.53
109+81.41	22.81' LT	1										EX CB RIM ELEV: 601.55 PR CB RIM ELEV: 601.31
110+06.76	19.97' RT	1										EX CB RIM ELEV: 602.37 PR CB RIM ELEV: 602.33
112+01.91	17.84' LT	1										EX CB RIM ELEV: 600.58 PR CB RIM ELEV: 600.59
112+26.19	24.02' LT					1						EX CB RIM ELEV: 600.04 PR CB RIM ELEV: 600.25
112+87.35	23.91' LT	1										EX CB RIM ELEV: 599.45 PR CB RIM ELEV: 599.99
113+34.57	24.21' LT	1										EX CB RIM ELEV: 599.28 PR CB RIM ELEV: 599.81
113+67.43	19.38' LT	1										EX CB RIM ELEV: 599.71 PR CB RIM ELEV: 599.78
113+76.45	24.46' LT	1										EX CB RIM ELEV: 598.97 PR CB RIM ELEV: 599.45
SUBTOTALS		7	0	3	13	7	5	3	0	2	2	

FILE NAME = D:\60L70-Sht-Drain-Schedule01.dgn



USER NAME = augeungh
 PLOT SCALE = 50.0000' / in.
 PLOT DATE = 11/19/2014

DESIGNED - DMS
 DRAWN - DMS
 CHECKED - EY
 DATE - 11/14/2014

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRAINAGE SCHEDULES

SCALE: SHEET NO. 1 OF 7 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	44
CONTRACT NO. 60L70			ILLINOIS FED. AID PROJECT	

EXISTING DRAINAGE STRUCTURE SCHEDULE

STATION	OFFSET	CATCH BASINS TO BE ADJUSTED	MANHOLES TO BE ADJUSTED	REMOVING MANHOLES	REMOVING CATCH BASINS	CATCH BASINS TO BE RECONSTRUCTED	MANHOLES TO BE RECONSTRUCTED	FILLING CATCH BASINS	DRAINAGE & UTILITY STRUCTURES TO BE RECONSTRUCTED (SPECIAL)	DRAINAGE STRUCTURE RECONSTRUCTION (SPECIAL)	FILLING CATCH BASINS, SPECIAL	COMMENTS
		EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	
RAMP NW												
396+58.10	28.71' RT			1								TO BE REPLACED BY STRUCTURE S-27
397+23.14	34.57' RT			1								TO BE REPLACED BY STRUCTURE S-28
399+48.04	1.03' LT			1								
399+99.95	114.84' LT					1						EX CB RIM ELEV: 595.20 PR CB RIM ELEV: 595.20
400+21.10	33.68' LT						1					EX MH RIM ELEV: 590.81 PR MH RIM ELEV: 590.81
402+78.80	65.67' LT	1										EX CB RIM ELEV: 586.89 PR CB RIM ELEV: 586.89
403+35.69	10.73' LT	1										EX CB RIM ELEV: 586.91 PR CB RIM ELEV: 586.91
407+37.66	35.56' RT				1							
408+14.73	5.26' LT			1								
408+41.80	35.25' RT				1							
409+30.52	62.59' RT								1			EX MH RIM ELEV: 591.05 PR MH RIM ELEV: 591.05
410+57.09	36.48' LT					1						EX CB RIM ELEV: 590.97 PR CB RIM ELEV: 590.97
411+86.55	33.15' LT	1										EX CB RIM ELEV: 591.22 PR CB RIM ELEV: 591.00
413+17.87	32.55' LT	1										EX CB RIM ELEV: 591.72 PR CB RIM ELEV: 591.58
414+49.42	24.74' LT							1				EX CB RIM ELEV: 591.99 PR CB RIM ELEV: 592.13
416+65.08	43.13' RT					1						EX CB RIM ELEV: 592.66 PR CB RIM ELEV: 592.66
417+19.20	18.96' RT		1									EX MH RIM ELEV: 592.57 PR MH RIM ELEV: 592.57
417+19.81	31.45' RT		1									EX MH RIM ELEV: 592.22 PR MH RIM ELEV: 591.89
417+29.11	31.11' RT		1									EX MH RIM ELEV: 592.11 PR MH RIM ELEV: 591.77
418+25.39	26.81' RT	1										EX CB RIM ELEV: 590.62 PR CB RIM ELEV: 591.13
418+33.98	20.64' RT	1										EX CB RIM ELEV: 590.70 PR CB RIM ELEV: 590.04
418+54.59	7.59' LT				1							TO BE REPLACED BY STRUCTURE S-51
419+46.13	5.67' LT				1							TO BE REPLACED BY STRUCTURE S-54
419+87.65	4.91' LT				1							TO BE REPLACED BY STRUCTURE S-55
419+98.54	4.53' LT				1							
420+28.71	4.64' LT				1							TO BE REPLACED BY STRUCTURE S-56
421+22.43	7.09' LT				1							TO BE REPLACED BY STRUCTURE S-59
422+27.48	12.63' LT	1										EX CB RIM ELEV: 590.23 PR CB RIM ELEV: 590.63
McCORMICK BUSWAY												
601+35.65	7.88' LT				1							TO BE REPLACED BY STRUCTURE S-18
SB LAKE SHORE DRIVE												
2102+11.71	23.47' RT	1										EX CB RIM ELEV: 593.10 PR CB RIM ELEV: 593.10
2119+18.44	26.56' LT				1							TO BE REPLACED BY STRUCTURE S-60
2119+17.07	23.59' RT	1										EX CB RIM ELEV: 599.24 PR CB RIM ELEV: 599.24
2121+41.26	29.90' LT				1							TO BE REPLACED BY STRUCTURE S-61
2123+38.24	34.80' LT				1							TO BE REPLACED BY STRUCTURE S-62
SUBTOTALS		9	3	4	12	3	1	1	1	0	0	
TOTALS		16	3	7	25	10	6	4	1	2	2	

EXISTING PIPE SCHEDULE

DRAINAGE AND UTILITY SHEET NO.	STATION	TRENCH BACKFILL	STORM SEWER REMOVAL						TELEVISION INSPECTION OF SEWER	STORM SEWERS TO BE CLEANED								ABANDON AND FILL EXISTING STORM SEWER	SLOTTED DRAIN REMOVAL
			8"	10"	12"	18"	24"	36"		8"	10"	12"	15"	18"	24"	30"	36"		
			FOOT							FOOT	FOOT								
1	80+86.00 to 90+00.00	95.0	-	-	91	-	-	71	1906	-	-	76	-	-	268	185	484	246	-
2	90+00.00 to 395+00.00	0.0	-	-	-	-	-	-	1224	-	-	70	-	-	-	542	-	127	-
3	395+00.00 to 404+50.00	938.7	165	-	545	82	66	-	1076	-	-	164	201	61	112	-	-	10	-
4	404+50.00 to 417+00.00	0.0	-	-	203	20	-	-	340	118	-	-	68	170	-	-	-	35	-
5	417+00.00 to 422+28.31	0.0	-	-	-	-	-	-	-	428	72	-	-	-	-	-	-	12	-
6	100+00.00 to 113+82.80	0.0	16	109	236	-	-	-	234	609	-	-	117	-	-	-	-	10	96
TOTAL		1033.7	181	109	1075	102	66	71	4780	1155	72	310	386	231	380	727	484	440	96

NOTES:

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

FILE NAME = D:\08\78-Sht-Drain_Schedule02.dgn



USER NAME = ouyeungh	DESIGNED - DMS	REVISED -
	DRAWN - DMS	REVISED -
PLOT SCALE = 50.0000' / in.	CHECKED - EYJ	REVISED -
PLOT DATE = 11/19/2014	DATE - 11/14/2014	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE SCHEDULES

SCALE: SHEET NO. 2 OF 7 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	45
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				

PROPOSED DRAINAGE STRUCTURE SCHEDULE

STRUCTURE	LOCATION	OFFSET	(EDGE OF PAVEMENT, EDGE OF SHOULDER, OR CENTER OF STRUCTURE)	RIM (ELEV)	N. INVERT (ELEV)	W. INVERT (ELEV)	E. INVERT (ELEV)	S. INVERT (ELEV)	NE. INVERT (ELEV)	NW. INVERT (ELEV)	SE. INVERT (ELEV)	SW. INVERT (ELEV)	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 12 FRAME AND GRATE	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID	INLETS, TYPE A, TYPE 1 FRAME OPEN LID	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	MANHOLES, TYPE A, 8'-DIAMETER, WITH 2 TYPE 1 FRAMES, CLOSED LID, RESTRICTOR PLATE	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)	
SB I-55																													
S-01	80+99.21	42.48' RT	COS	600.50		572.01	572.01		572.01		594.45					1													
S-02	80+98.96	34.00' RT	EOS	597.30			591.60													1									
S-03	80+98.97	21.27' LT	EOS	597.24				591.94													1								
S-03A	81+08.52	28.54' RT	COS	597.75	591.42	591.50	572.04					572.04	1																
S-04	82+67.83	39.16' RT	EOS	602.56	596.57															1									
S-05	82+68.12	29.58' RT	COS	602.75	596.50	572.52	572.52	596.50					1																
S-06	82+69.39	22.00' LT	EOS	602.46				597.01													1								
S-07	84+27.78	44.60' RT	EOS	607.64	601.63																1								
S-08	84+22.05	30.32' RT	COS	607.74	601.49	572.98	572.98	601.49					1																
S-09	84+23.66	22.00' LT	EOS	607.48				602.01													1								
S-10	86+14.90	34.74' RT	COS	595.00		573.56			587.42		573.56		1																
S-10A	86+21.29	30.15' RT	COS	595.00	587.50 (EX)	DS-11 SCUPPER	587.50 (EX)					587.50				1													
S-11	86+35.51	44.05' RT	COS	595.00			573.63			573.63	587.00		1																
S-13	89+14.75	36.00' RT	COS	595.30		DS-11 SCUPPER	590.30									1													
S-15	90+74.75	36.00' RT	COS	595.80		DS-11 SCUPPER	590.75									1													
S-16	92+09.25	36.00' RT	COS	596.59		591.59	DS-11 SCUPPER									1													
McCORMICK BUSWAY																													
S-17	601+33.53	49.28' LT	COS	595.44		DS-11 SCUPPER	588.05									1													
S-18	601+32.46	11.00' LT	EOP	593.50		587.65		587.65											1										
Ramp SW																													
S-20	100+12.84	8.91' LT	COS	589.29					DS-11 SCUPPER	584.29						1													
S-21	102+13.28	15.91' LT	COS	600.00			594.88	DS-11 SCUPPER								1													
S-21A	103+56.14	43.47' LT	COS	601.50			DS-11 SCUPPER	596.79														1							
S-22	104+00.00	22.00' LT	EOS	611.26	602.12															1									
S-23	106+00.00	15.00' LT	COS	605.64	599.62	600.31		599.62					1																
S-23A	106+00.00	22.00' LT	EOS	605.37			600.37													1									
S-24	108+00.00	13.75' LT	COS	602.44	597.14	597.14		597.14					1																
S-24A	108+00.00	22.00' LT	EOS	602.19			597.20													1									
S-25	108+66.28	16.14' LT	COS	602.06	596.30	597.06	596.30	596.30					1																
S-25A	108+67.50	25.33' LT	COS	603.60			597.18														1								
SUBTOTALS													3	5	0	1	7	0	0	1	8	1	1	1	1	0	0	0	0

NOTES

- (FST) STRUCTURE SHALL BE A FLAT SLAB TOP.
 1. STRUCTURE CONE SECTION TO BE ROTATED SO RIM IS ON SOUTH SIDE OF STRUCTURE - INSIDE SHOULDER.
 2. STRUCTURE CONE SECTION TO BE ROTATED SO RIM IS ON WEST SIDE OF STRUCTURE - INSIDE SHOULDER.
 3. STRUCTURE CONE SECTION TO BE ROTATED SO RIM IS LOCATED IN MIDDLE OF TRAVEL LANE.

FILE NAME = D:\06\78-Sht-Drain_Schedule03.dgn



USER NAME = augeungh
 DESIGNED - DMS
 DRAWN - DMS
 CHECKED - EY
 DATE - 11/14/2014

REVISOR -
 REVISION -
 REVISION -
 REVISION -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRAINAGE SCHEDULES

SCALE: SHEET NO. 3 OF 7 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	46
CONTRACT NO. 60L70			ILLINOIS FED. AID PROJECT	

PROPOSED DRAINAGE STRUCTURE SCHEDULE

STRUCTURE	LOCATION	OFFSET	(EDGE OF PAVEMENT, EDGE OF SHOULDER, OR CENTER OF STRUCTURE)	RIM (ELEV)	N. INVERT (ELEV)	W. INVERT (ELEV)	E. INVERT (ELEV)	S. INVERT (ELEV)	NE. INVERT (ELEV)	NW. INVERT (ELEV)	SE. INVERT (ELEV)	SW. INVERT (ELEV)	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 12 FRAME AND GRATE	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID	INLETS, TYPE A, TYPE 1 FRAME OPEN LID	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	MANHOLES, TYPE A, 8'-DIAMETER, WITH 2 TYPE 1 FRAMES, CLOSED LID, RESTRICTOR PLATE	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)			
RAMP NW																															
S-27 (FST)	396+58.09	28.08' RT	COS	590.53		576.47	578.50																				1				
S-28	397+23.14	34.49' RT	COS	590.42	579.17	578.57	578.57	585.33						1																	
S-28A	397+13.87	42.20' RT	COS	590.45					585.45							1															
S-29	397+15.79	15.95' LT	COS	590.49		DS-11 SCUPPER			585.45							1															
S-30	96+60.13	42.81' LT	COS	591.55						587.50																			1		
S-31	398+20.48	32.05' RT	COS	590.20		578.67	580.16		585.03						1																
S-32	398+30.43	25.32' RT	COS	590.18	DS-11 SCUPPER							585.15				1															
S-33	399+62.92	28.54' RT	COS	589.59		580.43			580.91	584.58			1																		
S-33A	399+56.93	22.50' RT	COS	589.66	DS-11 SCUPPER						584.66					1															
S-34	405+69.93	22.50' RT	COS	590.89			DS-11 SCUPPER	585.89									1														
S-35	406+85.73	32.24' RT	COS	590.94	585.34		585.93	584.94					1																		
S-35A	406+86.25	9.00' RT	COS	591.17		586.17		DS-11 SCUPPER									1														
S-35B	407+42.69	21.85' RT	COS	590.31							584.94							1													
S-36	408+12.93	31.67' RT	COS	590.56	584.56		585.02	584.56					1																		
S-37	408+12.93	9.10' RT	COS	590.25		585.25		DS-11 SCUPPER									1														
S-38	408+12.98	14.11' LT	COS	590.73			584.08	584.16		585.50			1																		
S-38A	409+26.76	0.00' RT	COS	590.21	585.03	585.03							1																		
S-39 (FST)	409+28.42	32.10' RT	COS	590.67	584.22	582.21	585.25	584.22																				1			
S-40	409+74.43	31.01' RT	COS	590.67	584.31		585.12	584.31					1																		
S-40A (FST)	410+80.66	0.41' RT	COS	589.60					586.72									1													
S-41	409+74.43	9.10' RT	COS	590.34		585.34		DS-11 SCUPPER									1														
S-42	411+34.32	29.91' RT	COS	590.63	584.63		585.03	584.63					1																		
S-43	411+34.43	17.10' RT	COS	590.16		585.16		DS-11 SCUPPER									1														
S-45	413+36.04	19.56' RT	COS	590.81	585.03		585.03						1																		
S-46	413+36.04	13.00' RT	EOS	600.05	595.10	585.07		585.07					1																		
S-46A	413+30.74	13.00' RT	EOS	600.25				595.15												1											
S-47	415+00.00	7.38' RT	COS	594.86	585.65	589.69		585.65					1																		
S-47A	414+96.41	11.00' RT	EOS	594.90			589.77																				1				
S-48	416+36.41	13.00' RT	EOS	591.68	586.12			586.12																			1				
S-49	417+08.95	13.00' RT	EOS	590.63	586.38																										
S-51	418+53.80	13.00' LT	EOS	589.28		584.53		584.53																							1
S-52	418+90.97	13.00' LT	EOS	589.17	584.90																										1
S-53	419+15.83	13.00' LT	EOS	589.15				585.45																							1
S-54	419+45.96	13.00' LT	EOS	589.19	585.14	585.14																									1
S-55	419+87.65	13.00' LT	EOS	589.32		585.08																									1
S-56	420+28.11	13.00' LT	EOS	589.53		585.30		585.30																							1
S-57	420+65.57	13.00' LT	EOS	589.74	585.68																										1
S-59	421+21.71	13.00' LT	EOS	590.05		585.72	585.72 (EX)																								1
SB LAKE SHORE DRIVE																															
S-60	2119+17.75	21.39' LT	EOS	599.57		594.49		594.49																							1
S-61	2121+42.44	27.25' LT	EOS	602.09				597.00																							1
S-62	2123+38.05	31.23' LT	EOS	603.39				598.30																							1
S-63	2114+15.18	79.96' RT	COS	588.37		584.32 (EX)		584.32																							1
SUBTOTALS													10	0	2	0	4	5	2	0	1	2	0	0	1	2	10	3			
TOTALS													13	5	2	1	11	5	2	1	9	3	1	1	1	2	10	3			

NOTES

- (FST) STRUCTURE SHALL BE A FLAT SLAB TOP.
 1. STRUCTURE CONE SECTION TO BE ROTATED SO RIM IS ON SOUTH SIDE OF STRUCTURE - INSIDE SHOULDER.
 2. STRUCTURE CONE SECTION TO BE ROTATED SO RIM IS ON WEST SIDE OF STRUCTURE - INSIDE SHOULDER.
 3. STRUCTURE CONE SECTION TO BE ROTATED SO RIM IS LOCATED IN MIDDLE OF TRAVEL LANE.



USER NAME = augeaugh	DESIGNED - DMS	REVISED -
	DRAWN - DMS	REVISED -
PLOT SCALE = 50.0000' / 1"	CHECKED - EY	REVISED -
PLOT DATE = 11/19/2014	DATE - 11/14/2014	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE SCHEDULES

SCALE: SHEET NO. 4 OF 7 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	47
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				

FILE NAME = D:\6L70-Sht-Drain_Schedule.dgn

303 EAST WACKER DRIVE, SUITE 1400
CHICAGO, IL 60601-3276
PHONE: (312) 373-7700 FAX: (312) 373-8800

PROPOSED DRAINAGE PIPE SCHEDULE

PIPE	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION	PIPE SLOPE %	STORM SEWERS, TYPE 2, DUCTILE IRON PIPE		STORM SEWERS, CLASS A, TYPE 2				STORM SEWERS, CLASS A, TYPE 3			STORM SEWERS, CLASS A, TYPE 4	STORM SEWERS, CLASS A, TYPE 6	STORM SEWERS, CLASS A, TYPE 7	STORM SEWER, (WATER MAIN REQUIREMENTS)	TRENCH BACKFILL	
						8"	10"	12"	15"	18"	24"	48"	15"	18"	24"	36"	36"	36"	48"	(CY)
						FOOT	FOOT	FOOT				FOOT			FOOT	FOOT	FOOT	FOOT		
SB I-55																				
P-01	S-01	CONCRETE COLLAR	572.01	571.98	0.30											10			46.0	
P-01A	CONCRETE COLLAR	S-01	572.04	572.01	0.30											10			45.7	
P-01B	CONCRETE COLLAR	S-01	594.50	594.45	1.00			5											1.3	
P-02	S-02	S-03A	591.60	591.50	1.00			10											3.9	
P-03	S-03	S-03A	591.94	591.42	1.00			52											18.0	
P-03A	S-03A	S-01	572.04	572.01	0.30											10			46.4	
P-04	S-04	S-05	596.57	596.50	1.00			7											0.0	
P-05	S-05	S-03A	572.52	572.04	0.30											160			560.3	
P-06	S-06	S-05	597.01	596.50	1.00			51											0.0	
P-07	S-07	S-08	601.63	601.49	1.00			14											0.0	
P-08	S-08	S-05	572.98	572.52	0.30												154		480.7	
P-09	S-09	S-08	602.01	601.49	1.00			52											0.0	
P-10	S-10	S-08	573.56	572.98	0.30													193	583.1	
P-10A	S-10A	S-10	587.50	587.42	1.00			8											6.8	
P-11	S-11	S-10	573.63	573.56	0.30											23			81.4	
P-11A	CONCRETE COLLAR	S-11	573.66	573.63	0.30											10			33.0	
P-11B	EX CB 600001	S-11	587.20	587.00	1.00			20											18.0	
P-13	S-13	EX MH 2	590.30	590.21	1.00			9											2.8	
P-15	S-15	EX MH 6723	590.75	590.52	1.00			23											7.4	
P-16	S-16	EX MH 6646	591.59	591.27	1.00			32											8.7	
McCORMICK PLACE BUSWAY																				
P-17	S-17	S-18	588.05	587.65	1.00			40											28.0	
P-18	S-18	CONCRETE COLLAR	587.65	587.55	1.00			10											3.8	
RAMP SW																				
P-20	S-20	EX CB 12548	584.29	583.91	1.00			38											16.7	
P-21	S-21	S-60	594.88	594.49	0.49			79											0.0	
P-21A	S-21A	EX CB 12342	596.79	596.69	1.00			10											0.0	
P-22	S-22	S-23	602.12	599.62	1.25				200										0.0	
P-23	S-23	S-24	599.62	597.14	1.25				199										36.4	
P-23A	S-23A	S-23	600.37	600.31	1.00			6											0.0	
P-24	S-24	S-25	597.14	596.30	1.25				67										24.1	
P-24A	S-24A	S-24	597.20	597.14	1.00			6											1.9	
P-25	S-25	CONCRETE COLLAR	596.30	596.25 (EX)	1.00				5										2.2	
P-25A	S-25A	S-25	597.18	597.06	1.00			12											9.7	
P-26	EX CB 104237	S-25	597.14	596.30	0.77				109										34.5	
SUBTOTALS						0	0	484	580	0	0	0	0	0	0	33	190	347	0	2100.8

FILE NAME = D:\60170-Sht-Drain Schedule\60170.dgn



USER NAME = augeungh
 PLOT SCALE = 50.0000' / in.
 PLOT DATE = 11/19/2014

DESIGNED - DMS
 DRAWN - DMS
 CHECKED - EY
 DATE - 11/14/2014

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

DRAINAGE SCHEDULES

SCALE: SHEET NO. 5 OF 7 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	48
CONTRACT NO. 60L70			ILLINOIS FED. AID PROJECT	

PROPOSED DRAINAGE PIPE SCHEDULE

PIPE	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION	PIPE SLOPE %	STORM SEWERS, TYPE 2, DUCTILE IRON PIPE		STORM SEWERS, CLASS A, TYPE 2					STORM SEWERS, CLASS A, TYPE 3			STORM SEWERS, CLASS A, TYPE 4	STORM SEWERS, CLASS A, TYPE 6	STORM SEWERS, CLASS A, TYPE 7	STORM SEWER, (WATER MAIN REQUIREMENTS)	TRENCH BACKFILL	
						8"	10"	12"	15"	18"	24"	48"	15"	18"	24"	36"	36"	36"	48"	(CY)	
						FOOT	FOOT	FOOT					FOOT			FOOT	FOOT	FOOT	FOOT		
RAMP NW																					
P-27	S-27	CONCRETE COLLAR	576.47	578.44	HALF TRAP												10			18.8	
P-28	S-28	S-27	578.57	578.50	0.11															65	106.3
P-28A	S-28A	S-28	585.45	585.33	1.00			12													3.5
P-28B	CONCRETE COLLAR	S-28	579.20	579.17	0.38									8							12.5
P-28C	CONCRETE COLLAR	S-28	579.20	579.17	0.38									8							12.3
P-29	S-29	EX MH 3	585.45	585.27	1.00			18													5.2
P-30	S-30	EX MH 6	587.50	587.45	HALF TRAP	5															1.0
P-31	S-31	S-28	578.67	578.57	0.10									98							155.4
P-32	S-32	S-31	585.15	585.03	1.00			12													3.6
P-33	S-33	S-31	580.43	580.16	0.20							134									168.5
P-33A	S-33A	S-33	584.66	584.58	1.00			8													2.3
P-33B	EX MH 4	S-33	581.25	580.91	0.40									85							89.7
P-34	S-34	S-35	585.89	585.34	0.50			109													0.0
P-35	S-35	S-36	584.94	584.56	0.30							127									0.0
P-35A	S-35A	S-35	586.17	585.93	1.00			24													0.0
P-35B	S-35B	S-38	586.29	585.50	1.00			79													0.0
P-36	S-36	S-39	584.56	584.22	0.30							112									0.0
P-37	S-37	S-36	585.25	585.02	1.00			23													0.0
P-38	S-38	CONCRETE COLLAR	584.08	584.00 (EX)	0.75																0.0
P-38A	S-38A	S-38	585.03	584.16	0.76																0.0
P-38B	S-39	S-38A	585.25	585.03	0.76																0.0
P-39	S-39	EX MH 5	582.21	583.72	HALF TRAP																0.0
P-40	S-40	S-39	584.31	584.22	0.21																0.0
P-40A	S-40A	EX CB 544	586.72	586.50	0.50			44													0.0
P-41	S-41	S-40	585.34	585.12	1.00			22													0.0
P-42	S-42	S-40	584.63	584.31	0.20							160									0.0
P-43	S-43	S-42	585.16	585.03	1.00			13													0.0
P-45	S-45	S-42	585.03	584.63	0.20																0.0
P-46	S-46	S-45	585.07	585.03	0.40												10				13.2
P-46A	S-46A	S-46	595.15	595.10	1.00			5													0.0
P-47	S-47	S-46	585.65	585.07	0.35																263.2
P-47A	S-47A	S-47	589.77	589.69	1.00			8													2.5
P-48	S-48	S-47	586.12	585.65	0.35																113.6
P-49	S-49	S-48	586.38	586.12	0.36																20.9
P-51	S-51	CONCRETE COLLAR	584.53	584.43	1.00	10															3.0
P-52	S-52	S-51	584.90	584.53	1.00	37															8.4
P-53	S-53	S-54	585.45	585.14	1.00	31															5.4
P-54	S-54	CONCRETE COLLAR	585.14	585.04	1.00	10															2.2
P-55	S-55	CONCRETE COLLAR	585.08	585.00	1.00	8															1.8
P-56	S-56	CONCRETE COLLAR	585.30	585.20	1.00	10															2.2
P-57	S-57	S-56	585.68	585.30	1.00	38															7.4
P-59	S-59	CONCRETE COLLAR	585.72	585.62	1.00			10													2.1
SB LAKE SHORE DRIVE																					
P-60	S-60	CONCRETE COLLAR	594.49	594.44	1.00	5															0.0
P-61	S-61	CONCRETE COLLAR	597.00	596.95	1.00	5															0.0
P-62	S-62	CONCRETE COLLAR	598.30	598.25	1.00	5															0.0
P-63	S-63	EX 24" PIPE	584.32	584.07	1.00	25															0.0
SUBTOTALS						189	10	377	209	179	778	98	260	16	10	0	0	0	65	1025.0	
TOTALS						189	10	861	789	179	778	98	260	16	10	33	190	347	65	3125.8	

FILE NAME = D:\06\70-Sht-Drain Schedule06.dgn



USER NAME = augeungh
 PLOT SCALE = 50.0000' / in.
 PLOT DATE = 11/19/2014

DESIGNED - DMS
 DRAWN - DMS
 CHECKED - EYJ
 DATE - 11/14/2014

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRAINAGE SCHEDULES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	49
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				

PROPOSED PIPE UNDERDRAIN SCHEDULE

PIPE UNDERDRAIN NUMBER	UPSTREAM STRUCTURE			DOWNSTREAM STRUCTURE			PIPE UNDERDRAINS 6"	PIPE UNDERDRAINS 6" (SPECIAL)
	STRUCTURE	STATION	OFFSET	STRUCTURE	STATION	OFFSET		
Ramp NW								
PU-01	-	414+49	8.50' RT	S-47A	414+96.41	11.00' RT	39	10
PU-02	-	415+01	9.00' RT	S-48	416+36.41	13.00' RT	127	10
PU-03	-	416+42	9.00' RT	S-49	417+08.95	13.00' RT	58	10
PU-04	-	417+38	9.00' RT	S-49	417+08.95	13.00' RT	20	10
PU-05	-	417+38	9.00' LT	S-51	418+53.80	13.00' LT	108	10
PU-06	-	418+57	9.00' LT	S-52	418+90.97	13.00' LT	27	10
PU-07	-	418+93	9.00' LT	S-53	419+15.83	13.00' LT	16	10
PU-08	-	419+43	9.00' LT	S-53	419+15.83	13.00' LT	20	10
PU-09	-	419+85	9.00' LT	S-54	419+45.96	13.00' LT	30	10
PU-10	-	420+24	9.00' LT	S-55	419+87.65	13.00' LT	28	10
PU-11	-	420+62	9.00' LT	S-56	420+28.11	13.00' LT	24	10
PU-12	-	421+17	9.00' LT	S-57	420+65.57	13.00' LT	44	10
PU-13	-	422+17	9.00' LT	S-59	421+21.71	13.00' LT	86	10
Ramp SW								
PU-14	-	107+37	19.61' LT	S-24A	108+00.00	22.00' LT	54	10
PU-15	-	108+03	19.55' LT	S-25	108+66.28	16.14' LT	55	10
PU-16	-	109+71	20.71' LT	S-25	108+66.28	16.14' LT	97	10
PU-17	-	111+99	20.40' LT	EX CB 104237	109+74.50	18.22' LT	215	10
TOTALS							1048	170

TEMPORARY DRAINAGE STRUCTURE SCHEDULE

STRUCTURE	LOCATION	OFFSET	(EDGE OF PAVEMENT, EDGE OF SHOULDER, OR CENTER OF STRUCTURE)	RIM (ELEV)	N. INVERT (ELEV)	W. INVERT (ELEV)	E. INVERT (ELEV)	S. INVERT (ELEV)	NE. INVERT (ELEV)	NW. INVERT (ELEV)	SE. INVERT (ELEV)	SW. INVERT (ELEV)	INLETS, TYPE A, TYPE 1 FRAME OPEN LID	COMMENTS
RAMP NW														
ST-01	416+00	34.98' RT	COS	591.94				589.44					1	TO BE REMOVED FOLLOWING COMPLETION OF STAGE 2A-1
TOTALS													1	

TEMPORARY DRAINAGE PIPE SCHEDULE

PIPE	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION	PIPE SLOPE %	STORM SEWERS, CLASS A, TYPE 2	COMMENTS
						FOOT	
RAMP NW							
PT-01	ST-01	EX CB 7	589.44	588.78	1.00	66	TO BE REMOVED FOLLOWING COMPLETION OF STAGE 2A-1
TOTALS						66	

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	DRAWN - DMS	REVISED -
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PLOT DATE = 11/19/2014	DATE - 11/14/2014	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE SCHEDULES			
SCALE:	SHEET NO. 7 OF 7 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	50
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				

EX NB I-55 (STEVENS EXPY)				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		35+00.00	1,887,676.7996	1,174,068.8506
PC	RCEB_1	37+18.68	1,887,682.3443	1,174,287.4609
PI	RCEB_1	39+80.65	1,887,688.9866	1,174,549.3486
PT	RCEB_1	42+42.48	1,887,710.4839	1,174,810.4370
PC	RCEB_2	46+27.41	1,887,742.0702	1,175,194.0607
PI	RCEB_2	48+48.90	1,887,760.2461	1,175,414.8048
PT	RCEB_2	50+66.47	1,887,706.8390	1,175,629.7606
PC	RCEB_3	54+10.36	1,887,623.9156	1,175,963.5124
PI	RCEB_3	58+47.95	1,887,518.4028	1,176,388.1821
PT	RCEB_3	62+56.60	1,887,682.4082	1,176,793.8662
PC	RCEB_4	66+06.58	1,887,813.5820	1,177,118.3345
PI	RCEB_4	69+67.95	1,887,949.0217	1,177,453.3580
PT	RCEB_4	73+21.60	1,887,958.6594	1,177,814.5945
POT		80+94.00	1,887,979.2597	1,178,586.7261

EX SB I-55 (STEVENS EXPY)				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		135+00.00	1,887,740.7792	1,174,067.2281
PC	RCWB_1	135+84.73	1,887,742.9275	1,174,151.9301
PI	RCWB_1	138+53.64	1,887,749.7456	1,174,420.7507
PT	RCWB_1	141+22.39	1,887,772.3309	1,174,688.7076
PC	RCWB_2	146+32.24	1,887,815.1526	1,175,196.7563
PI	RCWB_2	148+54.58	1,887,833.8265	1,175,418.3071
PT	RCWB_2	150+72.94	1,887,780.3696	1,175,634.1215
PC	RCWB_3	153+94.54	1,887,703.0458	1,175,946.2873
PI	RCWB_3	158+35.96	1,887,596.9140	1,176,374.7587
PT	RCWB_3	162+47.72	1,887,764.7551	1,176,783.0246
PC	RCWB_4	165+59.09	1,887,883.1479	1,177,071.0111
PI	RCWB_4	169+63.26	1,888,036.8231	1,177,444.8195
PT	RCWB_4	173+58.51	1,888,047.6026	1,177,848.8399
POT		179+77.04	1,888,064.0997	1,178,467.1499

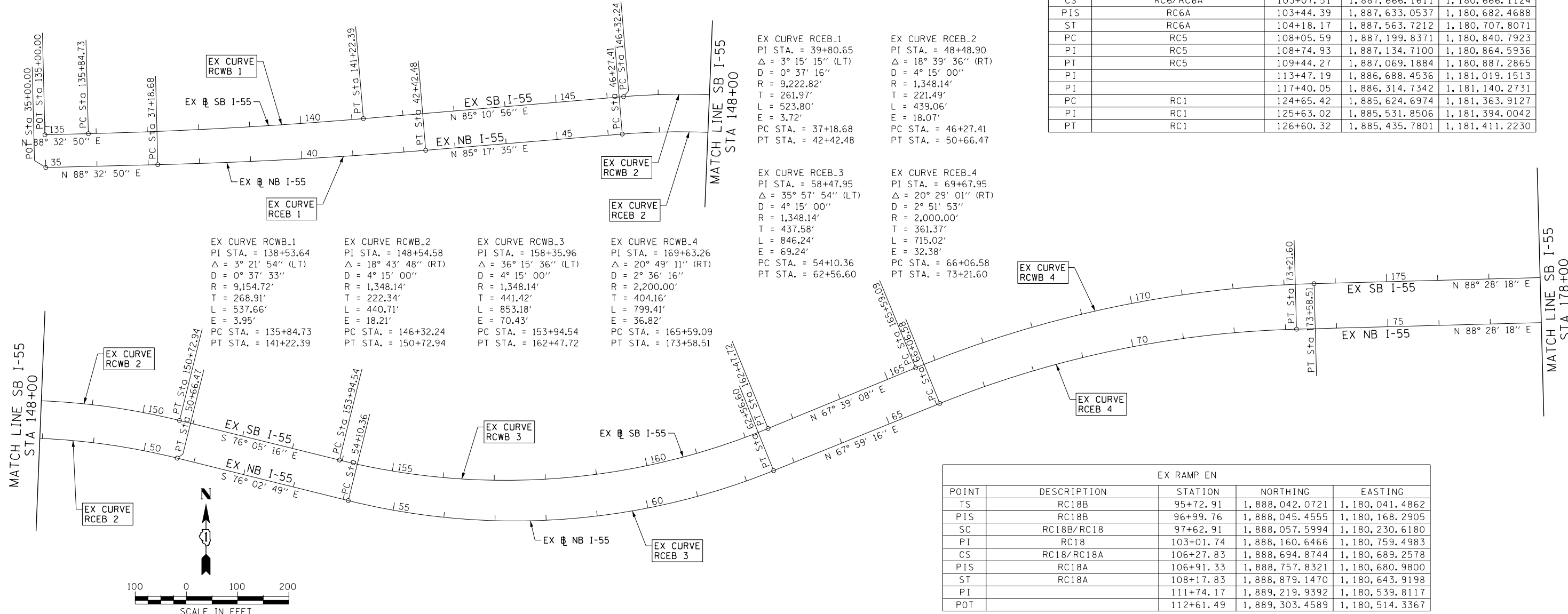
EX RAMP NW				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		92+13.66	1,888,072.4755	1,179,681.2884
PC	RC16	93+22.45	1,888,076.6950	1,179,789.9989
PI	RC16	94+98.14	1,888,081.3200	1,179,965.6418
PT	RC16	96+63.97	1,888,181.3740	1,180,110.0753
PI		97+62.05	1,888,236.0643	1,180,191.4885
TS	RC14B	98+90.17	1,888,310.1731	1,180,296.0037
PIS	RC14B	100+04.67	1,888,375.3777	1,180,390.1224
SC	RC14B	100+61.37	1,888,395.5636	1,180,443.8548
PC	RC14	100+61.38	1,888,395.5580	1,180,443.8582
PI	RC14	103+86.35	1,888,375.3777	1,180,443.8582
CS	RC14/RC14A	105+83.83	1,888,213.8460	1,180,882.2379
PIS	RC14A	106+41.23	1,888,161.5667	1,180,905.9347
ST	RC14A	107+55.03	1,888,048.8986	1,180,926.3276
POT		120+16.29	1,886,808.0006	1,181,152.0781

EX NB I-55 (STEVENS EXPY)				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		81+17.00	1,887,991.2433	1,178,586.4059
POT		95+72.92	1,888,030.0764	1,180,041.8066

EX RAMP SW				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
TS	RC8B	92+13.66	1,888,108.4628	1,179,680.3319
PIS	RC8B	93+40.51	1,888,111.8462	1,179,807.1362
SC	RC8B/RC8	94+03.66	1,888,123.9901	1,179,869.4637
PI	RC8	99+42.49	1,888,227.0372	1,180,398.3439
CS	RC8/RC8A	102+68.58	1,888,761.2650	1,180,328.1035
PIS	RC8A	103+32.08	1,888,824.2227	1,180,319.8258
ST	RC8A	104+58.58	1,888,945.5376	1,180,282.7655
PI		111+10.00	1,889,568.5279	1,180,092.4493
POT		118+56.44	1,890,282.4040	1,179,874.3685

EX RAMP ES				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
PC	RC7	90+08.91	1,887,991.0415	1,179,478.6416
PI	RC7	90+71.46	1,887,992.7099	1,179,541.1716
PT	RC7	91+33.94	1,887,988.9221	1,179,603.6091
PI		94+94.82	1,887,967.0693	1,179,963.8304
TS	RC6B	97+16.00	1,887,953.6759	1,180,184.6070
PIS	RC6B	97+89.82	1,887,949.2060	1,180,258.2891
SC	RC6B/RC6	98+26.66	1,887,942.9921	1,180,294.6897
PI	RC6	100+86.64	1,887,899.2446	1,180,550.9596
CS	RC6/RC6A	103+07.51	1,887,666.1611	1,180,666.1124
PIS	RC6A	103+44.39	1,887,633.0537	1,180,682.4688
ST	RC6A	104+18.17	1,887,563.7212	1,180,707.8071
PC	RC5	108+05.59	1,887,199.8371	1,180,840.7923
PI	RC5	108+74.93	1,887,134.7100	1,180,864.5936
PT	RC5	109+44.27	1,887,069.1884	1,180,887.2865
PI		113+47.19	1,886,688.4536	1,181,019.1513
PI		117+40.05	1,886,314.7342	1,181,140.2731
PC	RC1	124+65.42	1,885,624.6974	1,181,363.9127
PI	RC1	125+63.02	1,885,531.8506	1,181,394.0042
PT	RC1	126+60.32	1,885,435.7801	1,181,411.2230

EX SB I-55 (STEVENS EXPY)				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		79+99.73	1,888,052.0956	1,178,467.4702
POT		92+13.66	1,888,084.4704	1,179,680.9723



EX RAMP EN				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
TS	RC18B	95+72.91	1,888,042.0721	1,180,041.4862
PIS	RC18B	96+99.76	1,888,045.4555	1,180,168.2905
SC	RC18B/RC18	97+62.91	1,888,057.5994	1,180,230.6180
PI	RC18	103+01.74	1,888,160.6466	1,180,759.4983
CS	RC18/RC18A	106+27.83	1,888,694.8744	1,180,689.2578
PIS	RC18A	106+91.33	1,888,757.8321	1,180,680.9800
ST	RC18A	108+17.83	1,888,879.1470	1,180,643.9198
PI		111+74.17	1,889,219.9392	1,180,539.8117
POT		112+61.49	1,889,303.4589	1,180,514.3367

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 DATE - 11/14/2014

DESIGNED - CRH
 DRAWN - PHP
 CHECKED - MJE
 DATE - 11/14/2014

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1" = 100' SHEET NO. 1 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	51

CONTRACT NO. 60L70
 ILLINOIS FED. AID PROJECT

EX CURVE RC6 PI STA. = 100+86.64 Δ = 54° 01' 16" (RT) D = 11° 14' 04" R = 510.00' T = 259.98' L = 480.85' E = 62.44' PC STA. = 98+26.66 PT STA. = 103+07.51	EX CURVE RC7 PI STA. = 90+71.46 Δ = 5° 00' 00" (RT) D = 3° 59' 57" R = 1,432.68' T = 62.55' L = 125.03' E = 1.36' PC STA. = 90+08.91 PT STA. = 91+33.94	EX CURVE RC8 PI STA. = 99+42.49 Δ = 86° 27' 54" (LT) D = 9° 59' 49" R = 573.14' T = 538.83' L = 864.92' E = 213.51' PC STA. = 94+03.66 PT STA. = 102+68.58	EX CURVE RC14 PI STA. = 103+86.35 Δ = 86° 12' 15" (RT) D = 16° 30' 00" R = 347.25' T = 324.97' L = 522.45' E = 128.34' PC STA. = 100+61.38 PT STA. = 105+83.83	EX CURVE RC16 PI STA. = 94+98.16 Δ = 33° 12' 12" (LT) D = 9° 43' 20" R = 589.32' T = 175.70' L = 341.52' E = 25.64' PC STA. = 93+22.45 PT STA. = 96+63.97	EX CURVE RC18 PI STA. = 103+01.74 Δ = 86° 27' 54" (LT) D = 9° 59' 49" R = 573.14' T = 538.83' L = 864.92' E = 213.51' PC STA. = 97+62.91 PT STA. = 106+27.83	EX CURVE RLSDNBPRO-11 PI STA. = 1101+80.53 Δ = 4° 18' 14" (RT) D = 0° 20' 57" R = 16,404.20' T = 616.42' L = 1,232.27' E = 11.58' PC STA. = 1095+64.11 PT STA. = 1107+96.38	EX CURVE EX_LSD-SB-3 PI STA. = 2108+28.29 Δ = 1° 47' 35" (LT) D = 0° 20' 57" R = 16,404.20' T = 256.70' L = 513.37' E = 2.01' PC STA. = 2105+71.58 PT STA. = 2110+84.95
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EX SB LAKE SHORE DRIVE				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
PC	EX_LSD-SB-1	2069+54.64	1,883,922.0918	1,181,865.9061
PI	EX_LSD-SB-1	2072+55.48	1,884,222.4331	1,181,848.6999
PT	EX_LSD-SB-1	2075+52.98	1,884,508.4617	1,181,755.4876
PC	EX_LSD-SB-2	2094+21.70	1,886,285.2153	1,181,176.4714
PI	EX_LSD-SB-2	2095+69.77	1,886,425.9971	1,181,130.5928
PT	EX_LSD-SB-2	2097+17.80	1,886,568.3432	1,181,089.8254
PC	EX_LSD-SB-3	2105+71.58	1,887,389.1265	1,180,854.7558
PI	EX_LSD-SB-3	2108+28.29	1,887,635.9091	1,180,784.0782
PT	EX_LSD-SB-3	2110+84.95	1,887,880.3593	1,180,705.7133
PC	EX_LSD-SB-4	2125+90.67	1,889,314.2021	1,180,246.0580
PI	EX_LSD-SB-4	2126+46.27	1,889,367.1496	1,180,229.0843
PT	EX_LSD-SB-4	2127+01.86	1,889,419.5217	1,180,210.4107
PC	EX_LSD-SB-5	2131+94.47	1,889,883.5144	1,180,044.9715
PI	EX_LSD-SB-5	2134+45.93	1,890,120.3725	1,179,960.5184
PT	EX_LSD-SB-5	2136+97.32	1,890,360.6158	1,179,886.2400
PC	EX_LSD-SB-6	2140+72.10	1,890,718.6757	1,179,775.5350
PI	EX_LSD-SB-6	2145+79.26	1,891,203.2064	1,179,625.7277
PT	EX_LSD-SB-6	2150+86.19	1,891,679.2099	1,179,450.7053
POT		2155+42.88	1,892,107.8444	1,179,293.1001

PR CURVE PR_55SB-1 PI STA. = 101+28.09 Δ = 107° 24' 05" (LT) D = 9° 52' 43" R = 580.00' T = 789.59' L = 1,087.21' E = 399.72' e = 5.40% T.R. = 78.00' S.E. RUN = 210.00' P.C. STA. = 93+38.50 P.T. STA. = 104+25.71	PR CURVE PR_55SB-2 PI STA. = 109+66.82 Δ = 2° 01' 37" (RT) D = 0° 34' 23" R = 10,000.00' T = 176.89' L = 353.75' E = 1.56' e = N.C. T.R. = N/A S.E. RUN = N/A P.C. STA. = 107+89.93 P.T. STA. = 111+43.68	PR CURVE PR_RAMP-NW-1 PI STA. = 394+52.99 Δ = 21° 28' 00" (LT) D = 9° 29' 10" R = 604.00' T = 114.49' L = 226.30' E = 10.76' e = 5.40% T.R. = N/A S.E. RUN = N/A P.C. STA. = 393+38.50 P.T. STA. = 395+64.80	PR CURVE PR_RAMP-NW-2 PI STA. = 404+27.62 Δ = 101° 15' 41" (RT) D = 11° 41' 35" R = 490.00' T = 597.19' L = 866.00' E = 282.49' e = 5.60% T.R. = 39.00' S.E. RUN = 108.00' P.C. STA. = 398+30.43 P.T. STA. = 406+96.43
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EX NB LAKE SHORE DRIVE				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
PC	RLSDNBPRO-10	1069+46.02	1,883,926.8195	1,181,948.4486
PI	RLSDNBPRO-10	1072+57.57	1,884,237.8569	1,181,930.6296
PT	RLSDNBPRO-10	1075+65.66	1,884,534.0722	1,181,834.0984
PC	RLSDNBPRO-11	1095+64.11	1,886,434.1668	1,181,214.8871
PI	RLSDNBPRO-11	1101+80.53	1,887,020.2545	1,181,023.8904
PT	RLSDNBPRO-11	1107+96.38	1,887,619.0234	1,180,877.4173
PC	RLSDNBPRO-12	1127+55.10	1,889,521.6508	1,180,411.9884
PI	RLSDNBPRO-12	1130+66.59	1,889,824.2131	1,180,337.9748
PT	RLSDNBPRO-12	1133+74.42	1,890,096.8104	1,180,187.2678

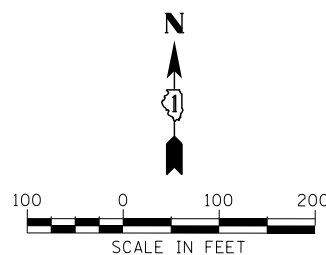
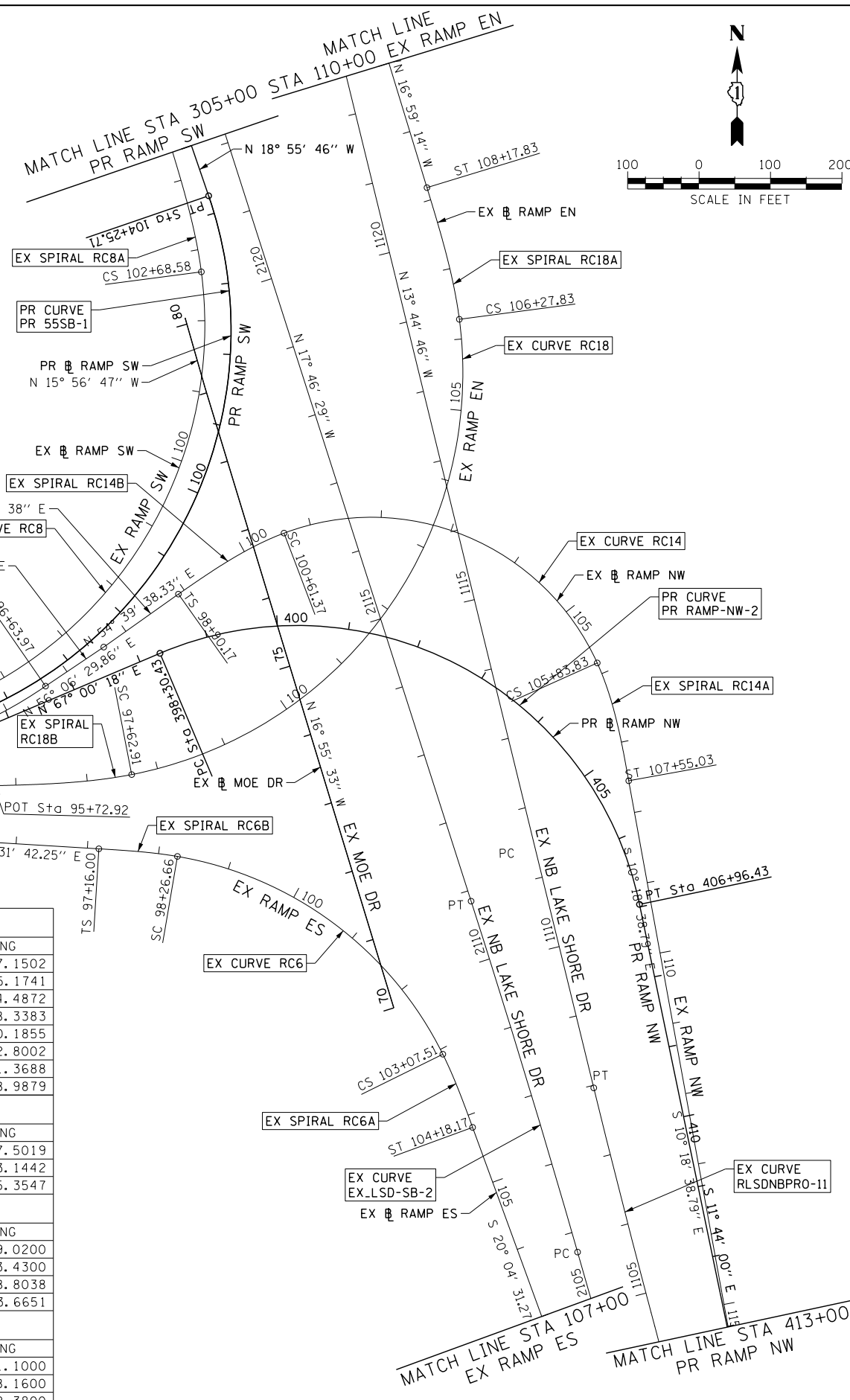
PR RAMP NW				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
PC	PR_RAMP-NW-1	393+38.50	1,888,075.7967	1,179,805.8141
PI	PR_RAMP-NW-1	394+52.99	1,888,078.8501	1,179,920.2644
PT	PR_RAMP-NW-1	395+64.80	1,888,123.5759	1,180,025.6580
PC	PR_RAMP-NW-2	398+30.43	1,888,227.3469	1,180,270.1876
PI	PR_RAMP-NW-2	404+27.62	1,888,460.6384	1,180,819.9238
PT	PR_RAMP-NW-2	406+96.43	1,887,875.9278	1,180,941.3669
PC	PR_RAMP-NW-3	420+31.80	1,886,568.4681	1,181,212.9233
PI	PR_RAMP-NW-3	421+94.92	1,886,408.7562	1,181,246.0951
PT	PR_RAMP-NW-3	423+57.71	1,886,253.6752	1,181,296.6734

PR SB I-55 & PR RAMP SW				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		80+00.00	1,888,064.0913	1,178,467.1502
PC	PR_55SB-1	93+38.50	1,888,099.7882	1,179,805.1741
PI	PR_55SB-1	101+28.09	1,888,120.8461	1,180,594.4872
PT	PR_55SB-1	104+25.71	1,888,867.7373	1,180,338.3383
PC	PR_55SB-2	107+89.93	1,889,212.2528	1,180,220.1855
PI	PR_55SB-2	109+66.82	1,889,379.5796	1,180,162.8002
PT	PR_55SB-2	111+43.68	1,889,548.8312	1,180,111.3688
POT		114+61.41	1,889,852.8401	1,180,018.9879

MOE DRIVE				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		70+00.00	1,887,730.9365	1,180,597.5019
PI		79+08.03	1,888,599.6327	1,180,333.1442
POT		80+09.18	1,888,696.8892	1,180,305.3547

NB MLK DRIVE				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		20+00.00	1,887,925.1100	1,179,319.0200
PC	NB_MLK-1	21+09.39	1,888,034.3600	1,179,313.4300
PI	NB_MLK-1	21+60.18	1,888,084.9381	1,179,308.8038
PT	NB_MLK-1	22+10.59	1,888,133.4188	1,179,293.6651

SB MLK DRIVE				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		15+00.00	1,887,922.5000	1,179,231.1000
PI		16+09.72	1,888,032.1800	1,179,228.1600
PI		16+85.88	1,888,108.1200	1,179,222.3800
POT		17+80.37	1,888,202.4562	1,179,217.0262



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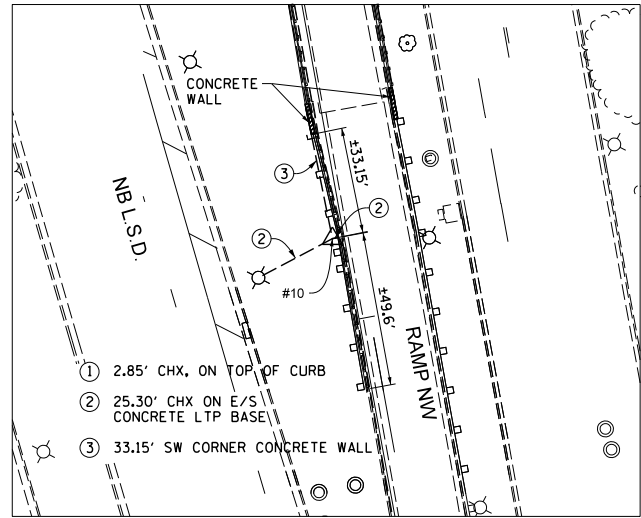
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1" = 100' SHEET NO. 2 OF 5 SHEETS STA. TO STA.

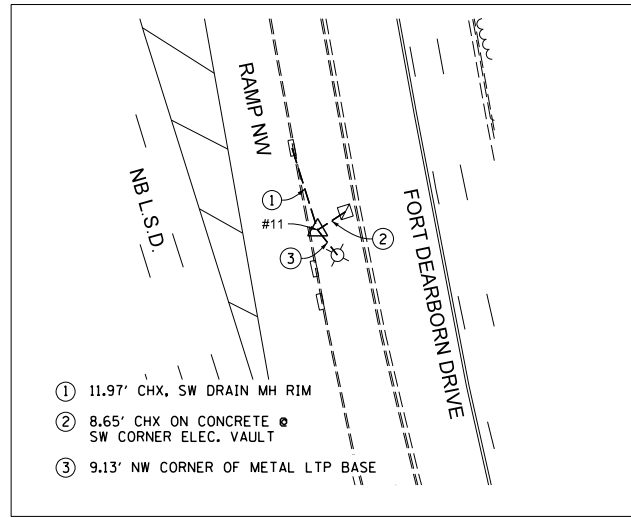
F.A.I. RTE. = 55	SECTION = 2010-080-B	COUNTY = COOK	TOTAL SHEETS = 886	SHEET NO. = 52
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				

CPT# 10. IRC



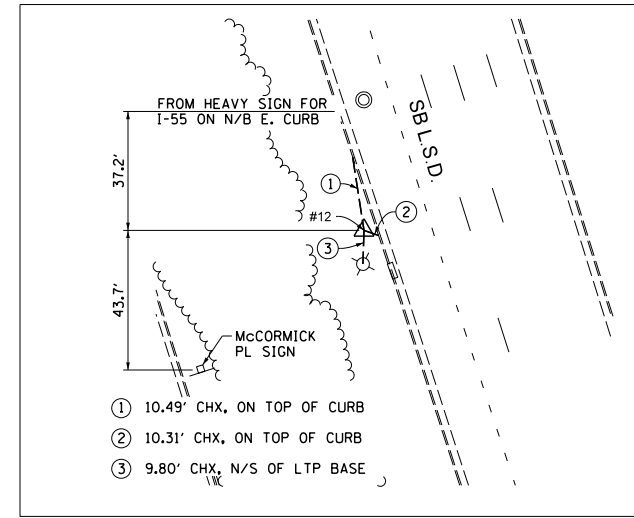
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 ELEVATION: 593.47

CPT# 11. IRC



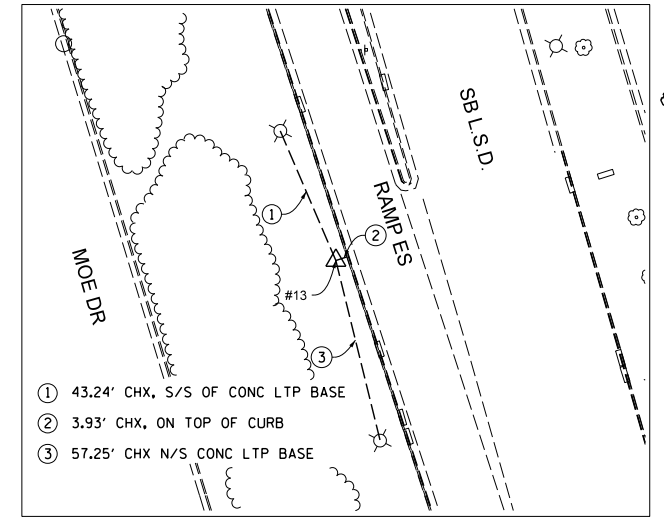
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 EASTING: 1,181,209.80
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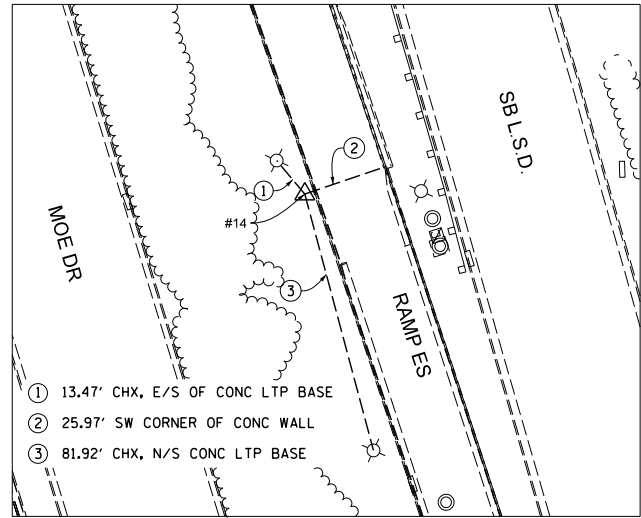
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 EASTING: 1,181,119.29
 ELEVATION: 591.72

CPT# 13. IRC



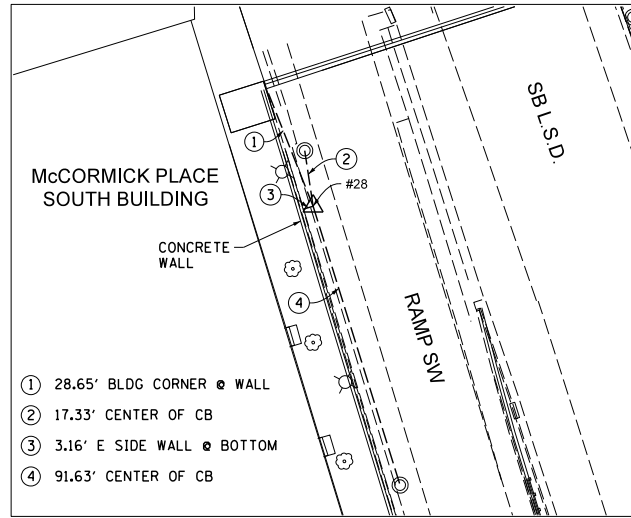
NORTHING: 1,886,718.94
 EASTING: 1,180,991.34
 ELEVATION: 590.58

CPT# 14. IRC



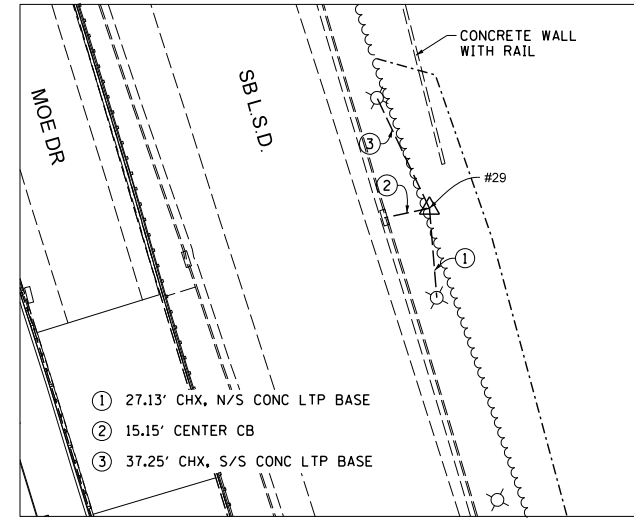
NORTHING: 1,887,104.93
 EASTING: 1,180,866.12
 ELEVATION: 592.65

CPT# 28. MAG



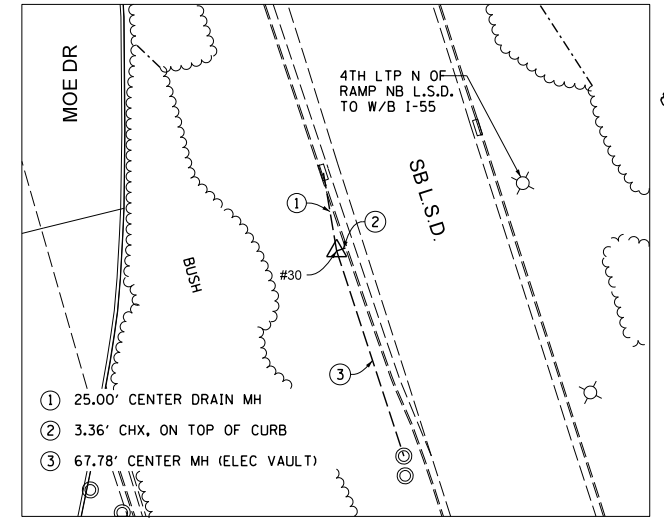
NORTHING: 1,889,364.54
 EASTING: 1,180,146.97
 ELEVATION: 601.865

CPT# 29. IRC



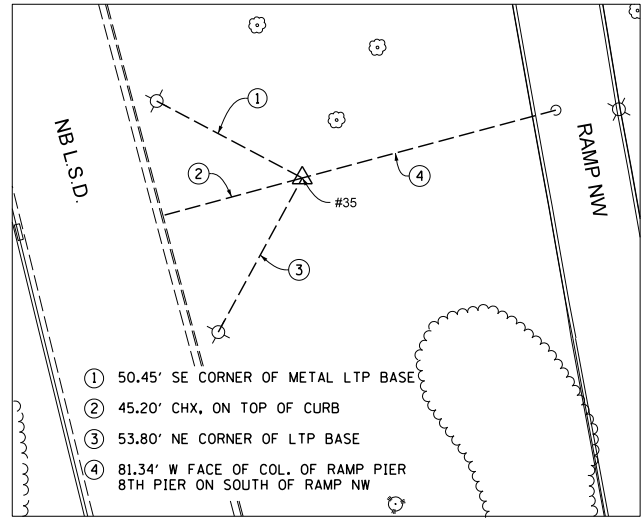
NORTHING: 1,889,079.04
 EASTING: 1,180,365.93
 ELEVATION: N/A

CPT# 30. IRC



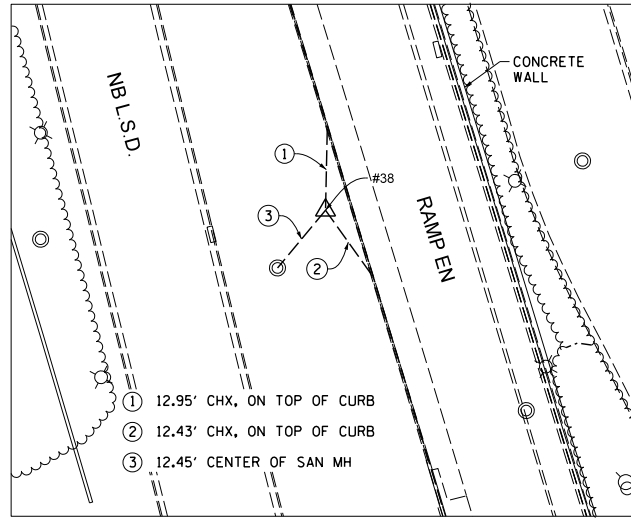
NORTHING: 1,888,641.37
 EASTING: 1,180,430.16
 ELEVATION: 598.73

CPT# 35. IRC



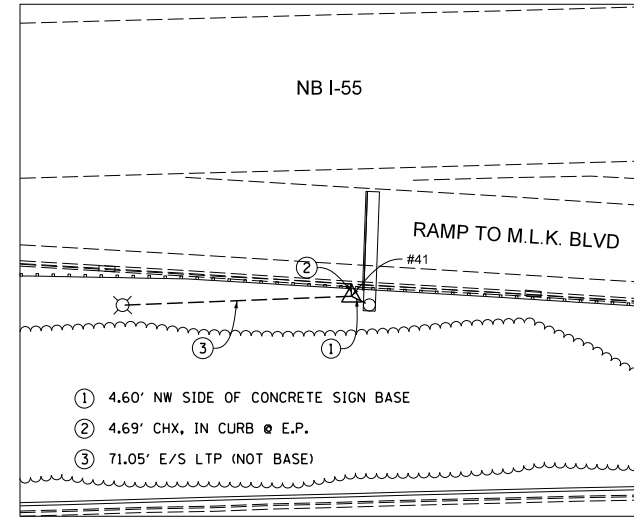
NORTHING: 1,887,955.55
 EASTING: 1,180,864.13
 ELEVATION: 590.51

CPT# 38. IRC



NORTHING: 1,889,010.43
 EASTING: 1,180,587.84
 ELEVATION: 598.38

CPT# 41. IRC



NORTHING: 1,887,907.86
 EASTING: 1,178,295.35
 ELEVATION: 588.87

NOTE:
 HORIZONTAL COORDINATES FOR CONTROL POINTS ARE EXPRESSED IN ILLINOIS STATE PLANE COORDINATES BASED ON NAD83. ELEVATIONS ARE BASED ON NAVD88 AS SUPPLIED BY NAKAWATASE PHASE 1 SURVEY.
 ABBREVIATIONS: IRC = IRON ROD & CAP
 CHX = CUT CROSS
 MAG = MAGNETIC NAIL

FILE NAME = D:\60L78-Sht-ATB04.dgn



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 PLOT DATE = 11/19/2014

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 DATE - 11/14/2014

REVISED -
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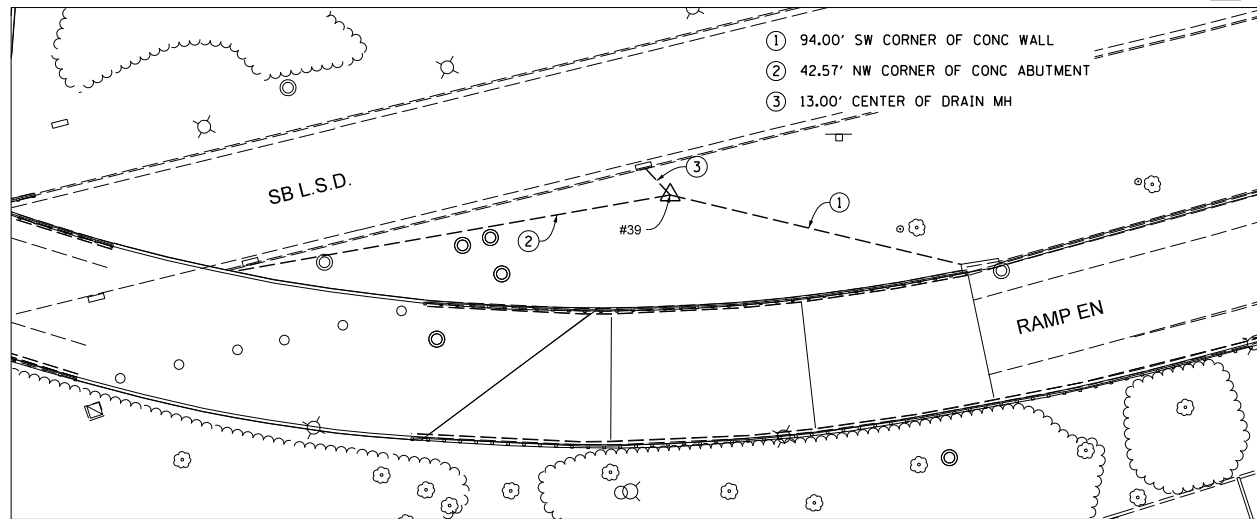
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1" = 30' SHEET NO. 4 OF 5 SHEETS STA. TO STA.

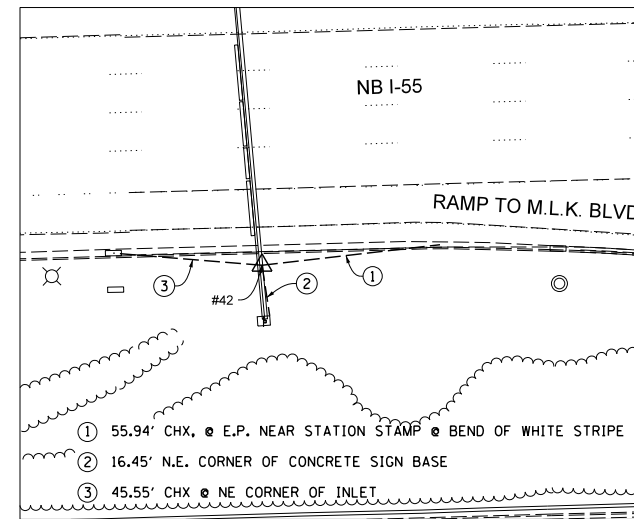
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	54
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				

CPT# 39. IRC



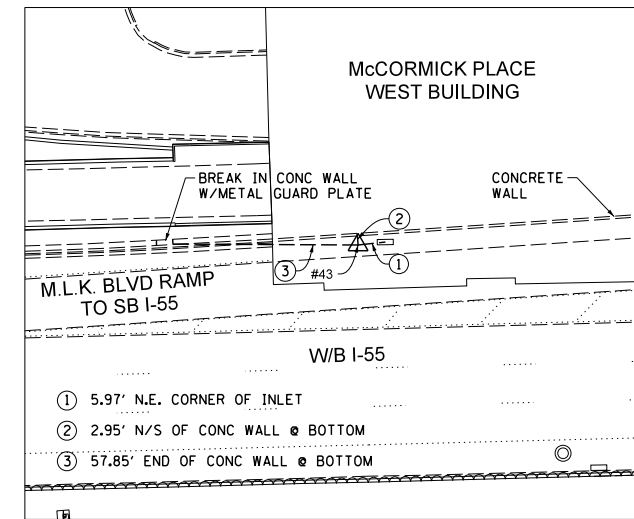
NORTHING: 1,888,645.11
 EASTING: 1,180,650.80
 ELEVATION: 590.82

CPT# 42. IRC



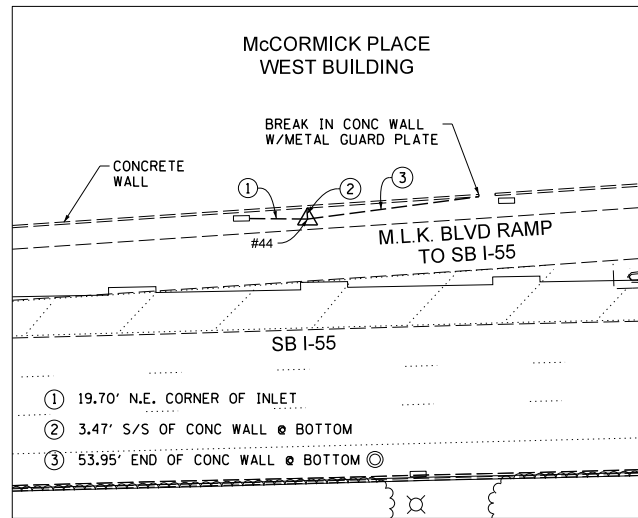
NORTHING: 1,887,916.58
 EASTING: 1,178,035.08
 ELEVATION: 581.42

CPT# 43. IRC



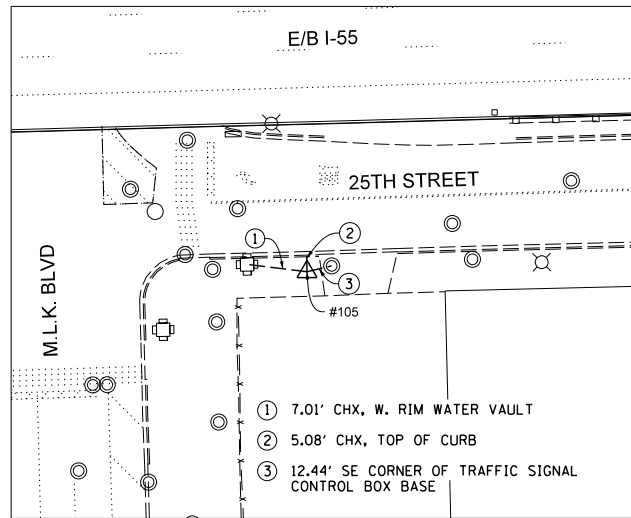
NORTHING: 1,888,093.77
 EASTING: 1,178,117.59
 ELEVATION: 583.46

CPT# 44. CHX



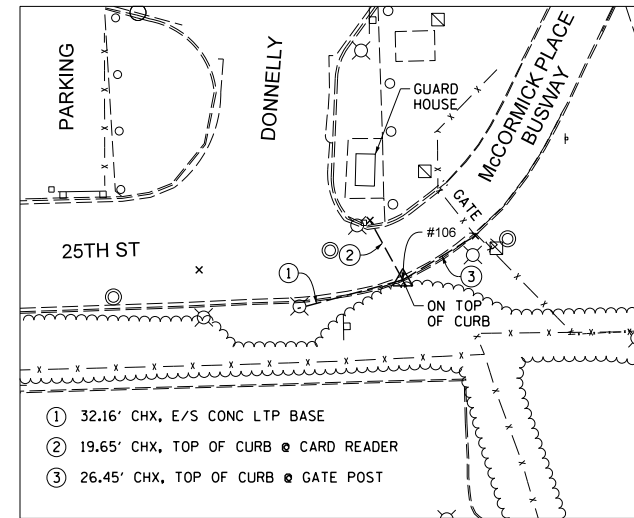
NORTHING: 1,888,107.77
 EASTING: 1,178,334.22
 ELEVATION: 590.06

CPT# 105.



NORTHING: 1,887,931.30
 EASTING: 1,179,399.26
 ELEVATION: 595.55

CPT# 106. CHX



NORTHING: 1,887,955.83
 EASTING: 1,179,820.20
 ELEVATION: 596.75

BENCHMARKS

MONUMENT	ELEVATION	DESCRIPTION
BM 0004	594.65	SQUARE CUT ON THE NORTHEAST CORNER OF THE PIER CRASHWALL OF THE I-55 EAST BOUND RAMP TO THE NORTHBOUND LAKE SHORE DRIVE. THE BENCHMARK IS EAST OF THE EAST EDGE OF PAVEMENT OF THE WEST FRONTAGE ROAD.

NOTE:

HORIZONTAL COORDINATES FOR CONTROL POINTS ARE EXPRESSED IN ILLINOIS STATE PLANE COORDINATES BASED ON NAD83. ELEVATIONS ARE BASED ON NAVD88 AS SUPPLIED BY NAKAWATASE PHASE 1 SURVEY.

ABBREVIATIONS: IRC = IRON ROD & CAP
 CHX = CUT CROSS

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 CHECKED - MJE
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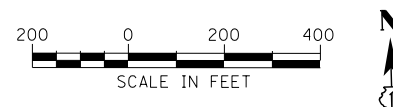
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 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1" = 30' SHEET NO. 5 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	55
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				



ROADWAY PLAN: SHEET 62
DRAINAGE PLAN: SHEET 177

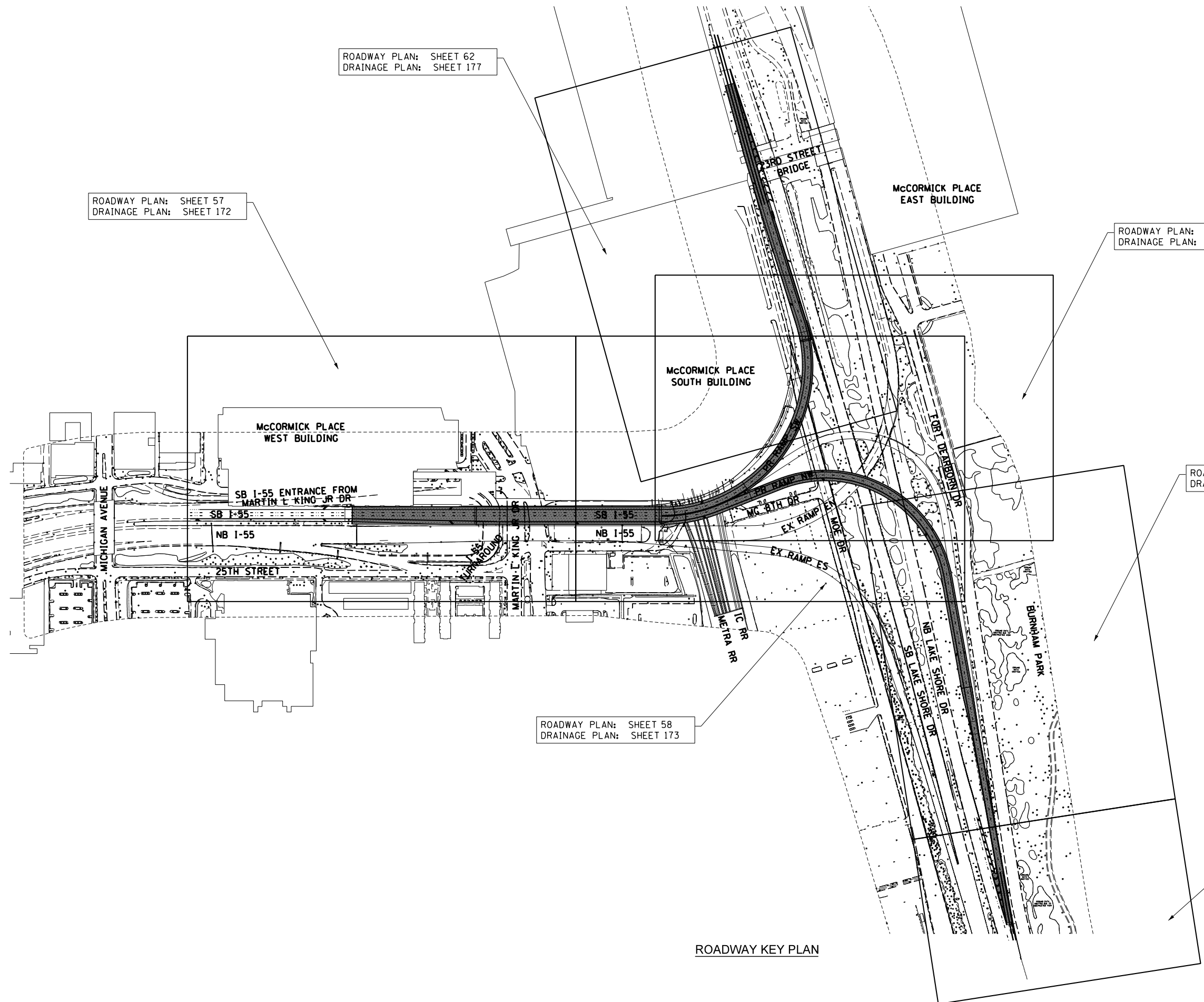
ROADWAY PLAN: SHEET 57
DRAINAGE PLAN: SHEET 172

ROADWAY PLAN: SHEET 59
DRAINAGE PLAN: SHEET 174

ROADWAY PLAN: SHEET 60
DRAINAGE PLAN: SHEET 175

ROADWAY PLAN: SHEET 58
DRAINAGE PLAN: SHEET 173

ROADWAY PLAN: SHEET 61
DRAINAGE PLAN: SHEET 176



ROADWAY KEY PLAN

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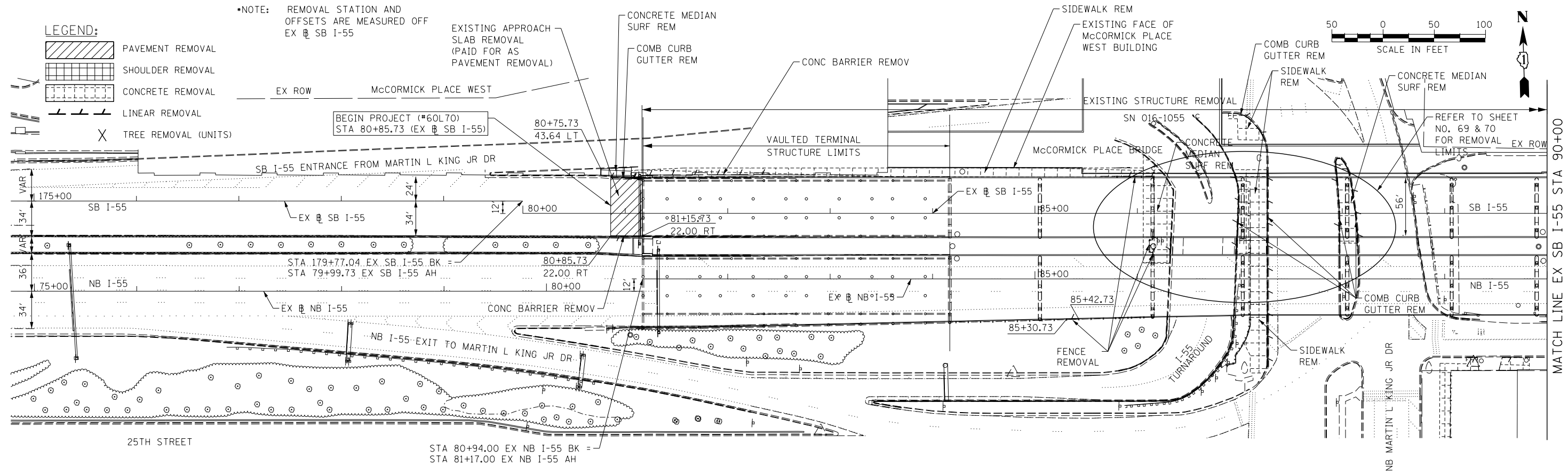
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	DRAWN - CRH	REVISED -
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PLOT DATE = 11/19/2014	DATE - 11/14/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

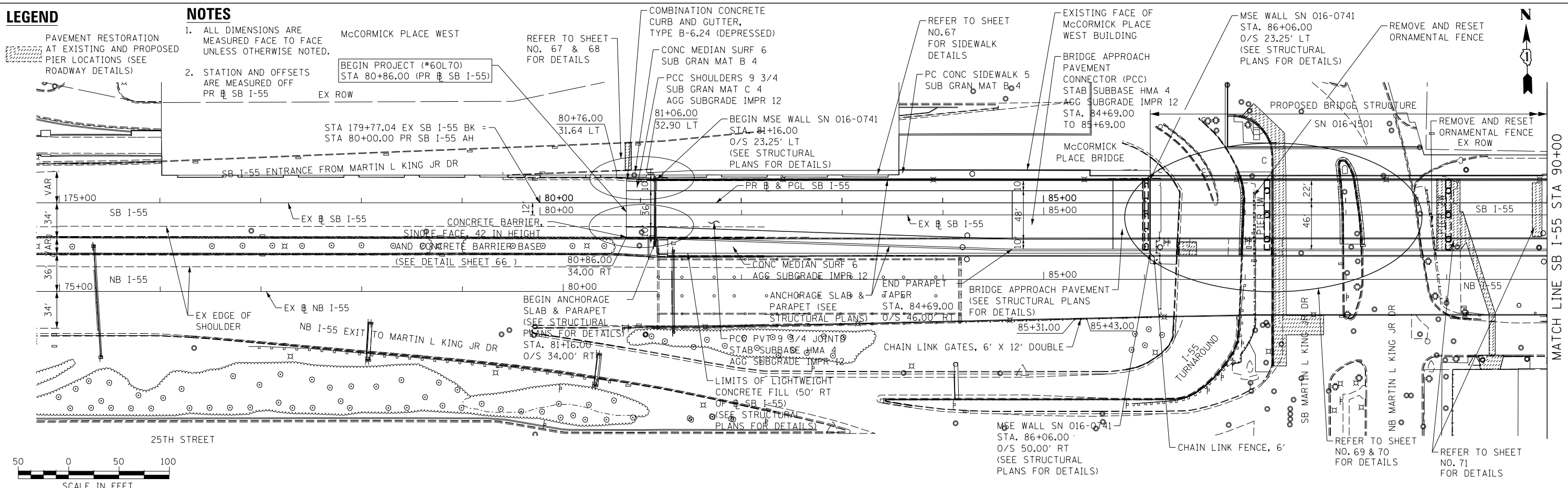
ROADWAY KEY PLAN

SCALE: 1" = 200' SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	56
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				



EXISTING REMOVALS



PROPOSED IMPROVEMENTS

FILE NAME = D:\60L70-SH-Plan\60L70.dgn



USER NAME = HENADC
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 PLOT DATE = 12/4/2014

DESIGNED - CRH
 DRAWN - CRH
 CHECKED - MJE
 DATE - 12/5/2014

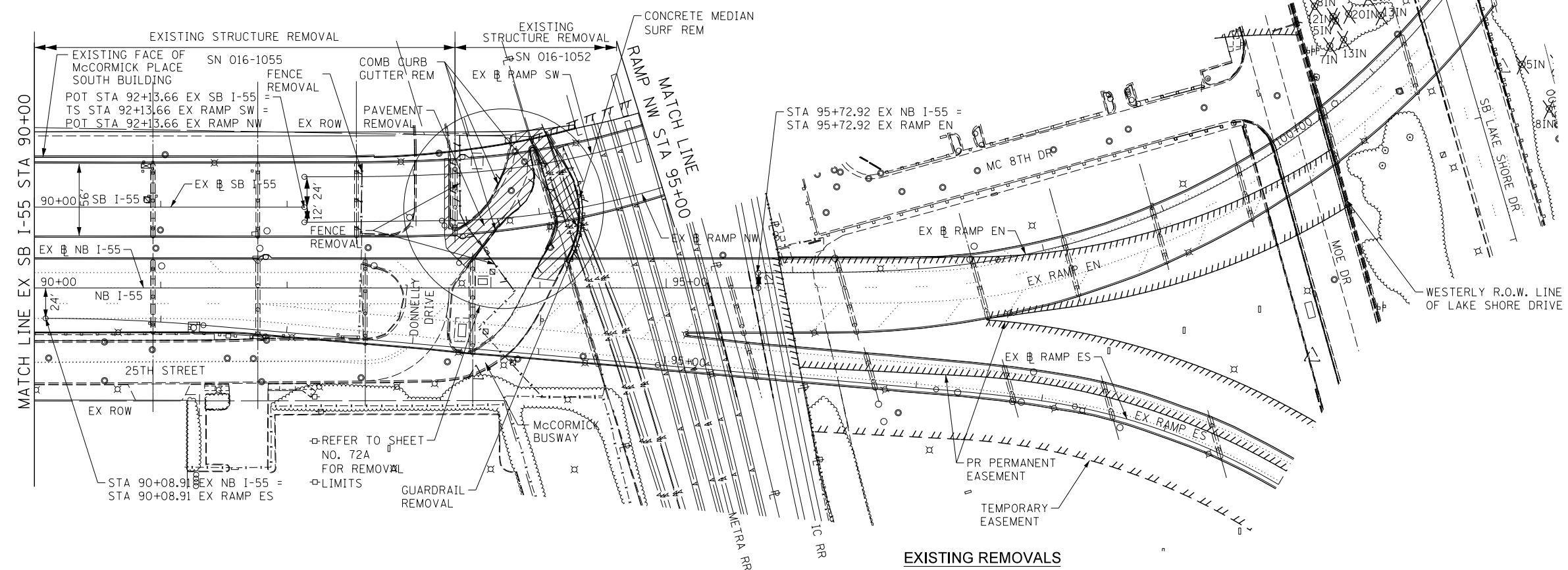
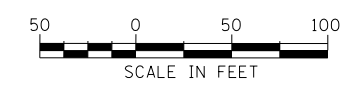
REVISED -
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 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

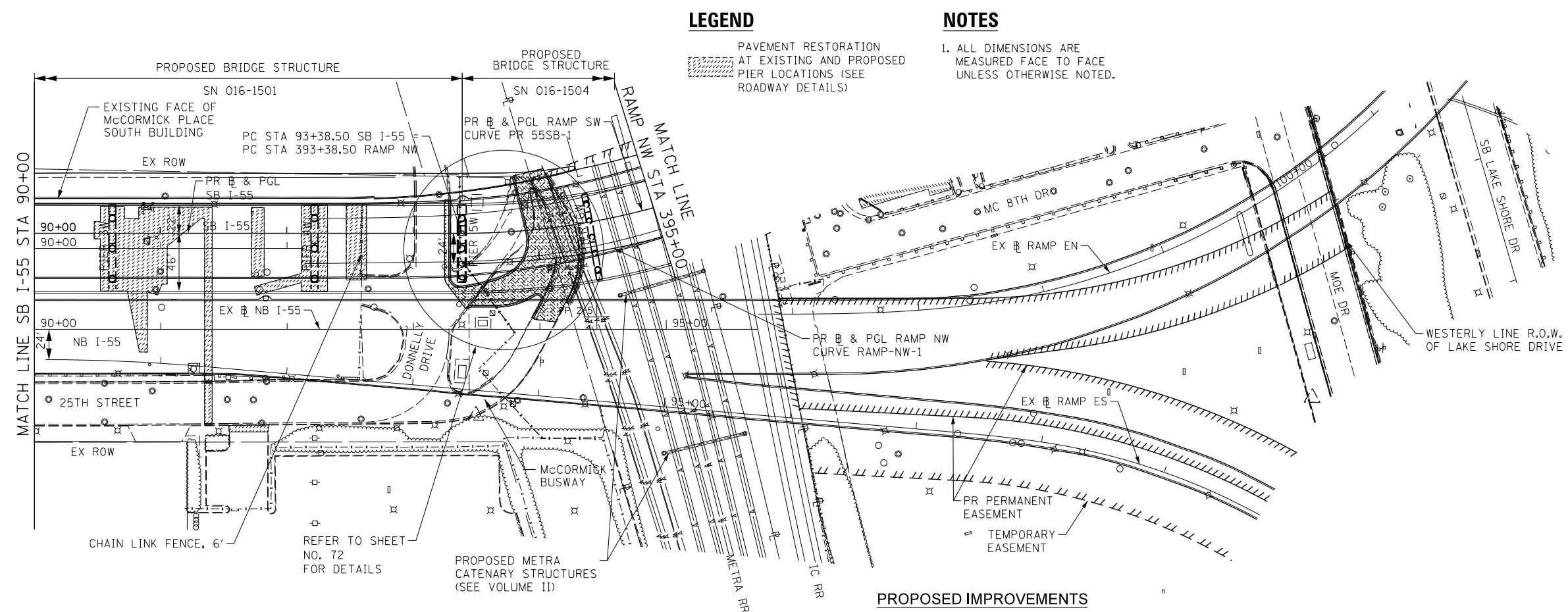
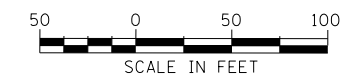
**ROADWAY PLAN
 SB I-55**

SCALE: 1" = 50' SHEET 1 OF 6 SHEETS STA. 80+86.00 TO STA. 90+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	57
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				



EXISTING REMOVALS



PROPOSED IMPROVEMENTS

FILE NAME = D:\60L70-Sht-P1.mxd



USER NAME = HENAOC	DESIGNED - CRH	REVISED -
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	DATE - 11/14/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
SB I-55

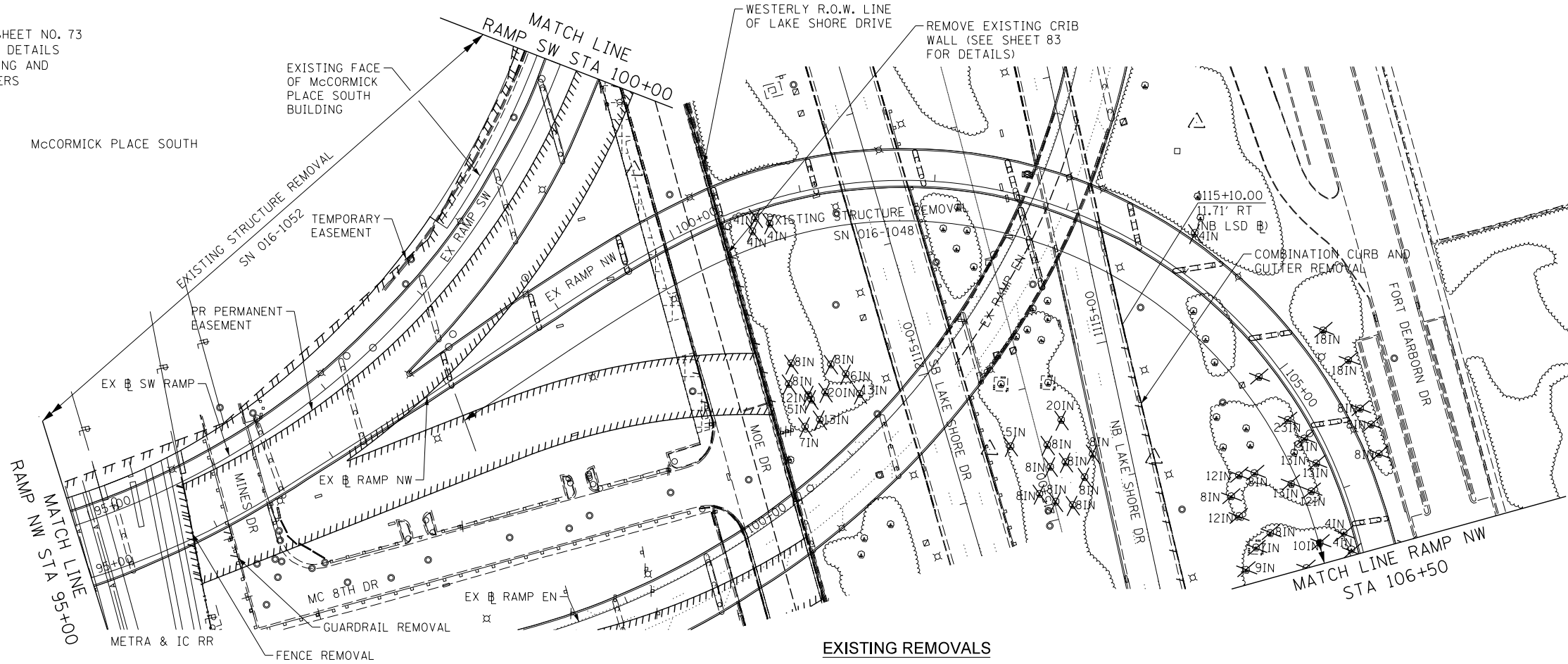
SCALE: 1" = 50' SHEET 2 OF 6 SHEETS STA. 90+00 TO STA. 395+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	58

CONTRACT NO. 60L70

ILLINOIS FED. AID PROJECT

NOTE: SEE SHEET NO. 73 FOR REMOVAL DETAILS UNDER EXISTING AND PROPOSED PIERS



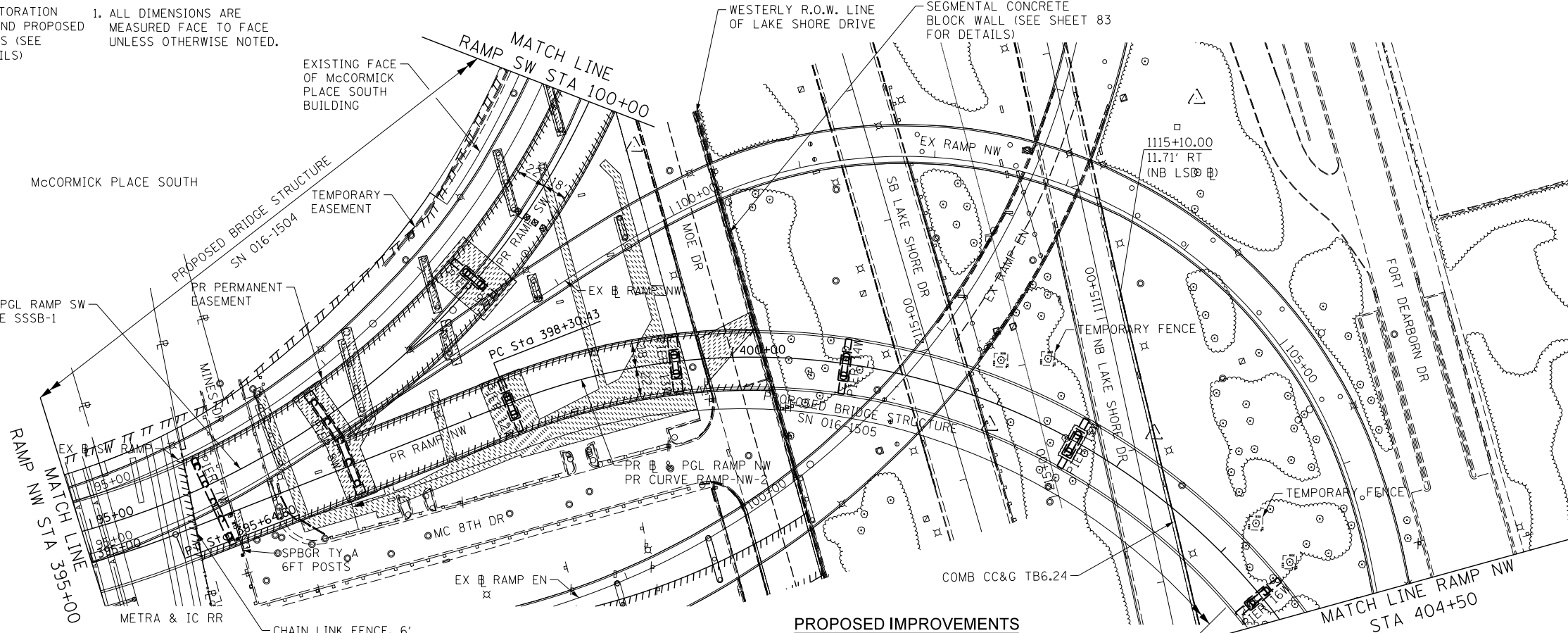
EXISTING REMOVALS

LEGEND

PAVEMENT RESTORATION AT EXISTING AND PROPOSED PIER LOCATIONS (SEE ROADWAY DETAILS)

NOTES

1. ALL DIMENSIONS ARE MEASURED FACE TO FACE UNLESS OTHERWISE NOTED.



PROPOSED IMPROVEMENTS

FILE NAME = D:\60L70-Sht-P1.mxd



USER NAME = augeungh
 DESIGNED - CRH
 DRAWN - CRH
 PLOT SCALE = 50.0000' / in.
 CHECKED - MJE
 PLOT DATE = 11/19/2014

DATE - 11/14/2014

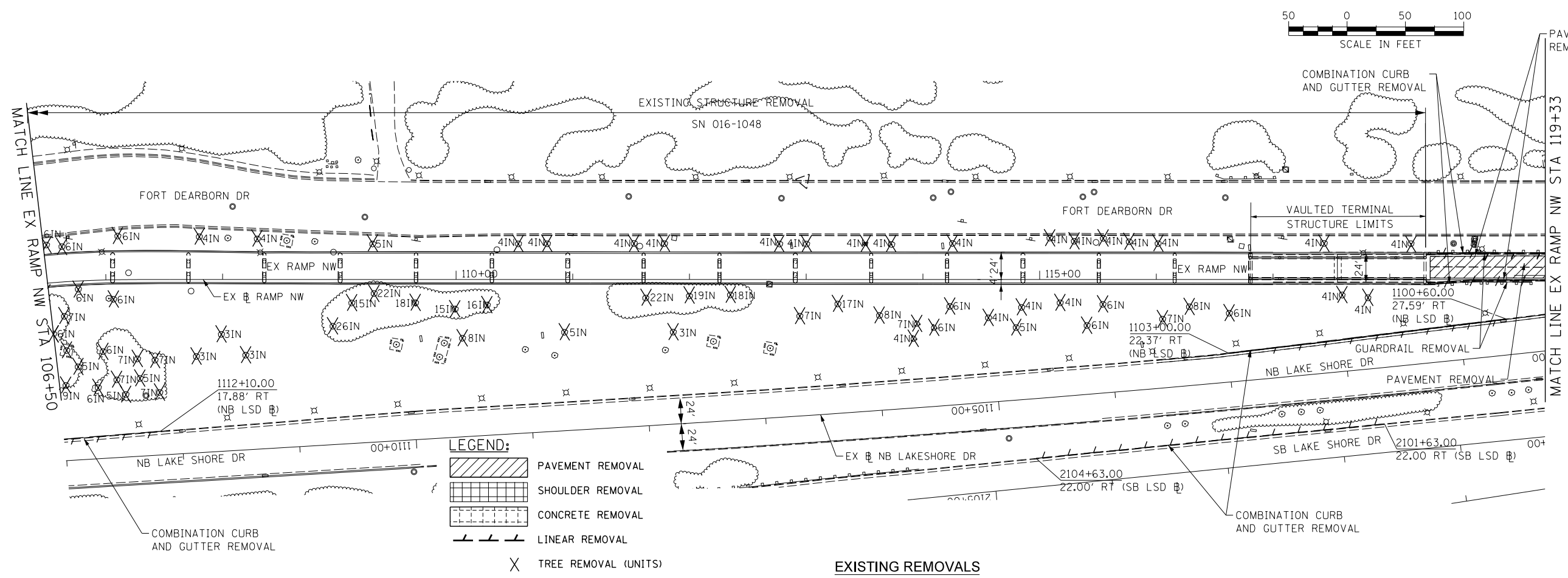
REVISIONS
 REVISION -
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 REVISION -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
 RAMP NW

SCALE: 1" = 50' SHEET 3 OF 6 SHEETS STA. 395+00 TO STA. 404+50

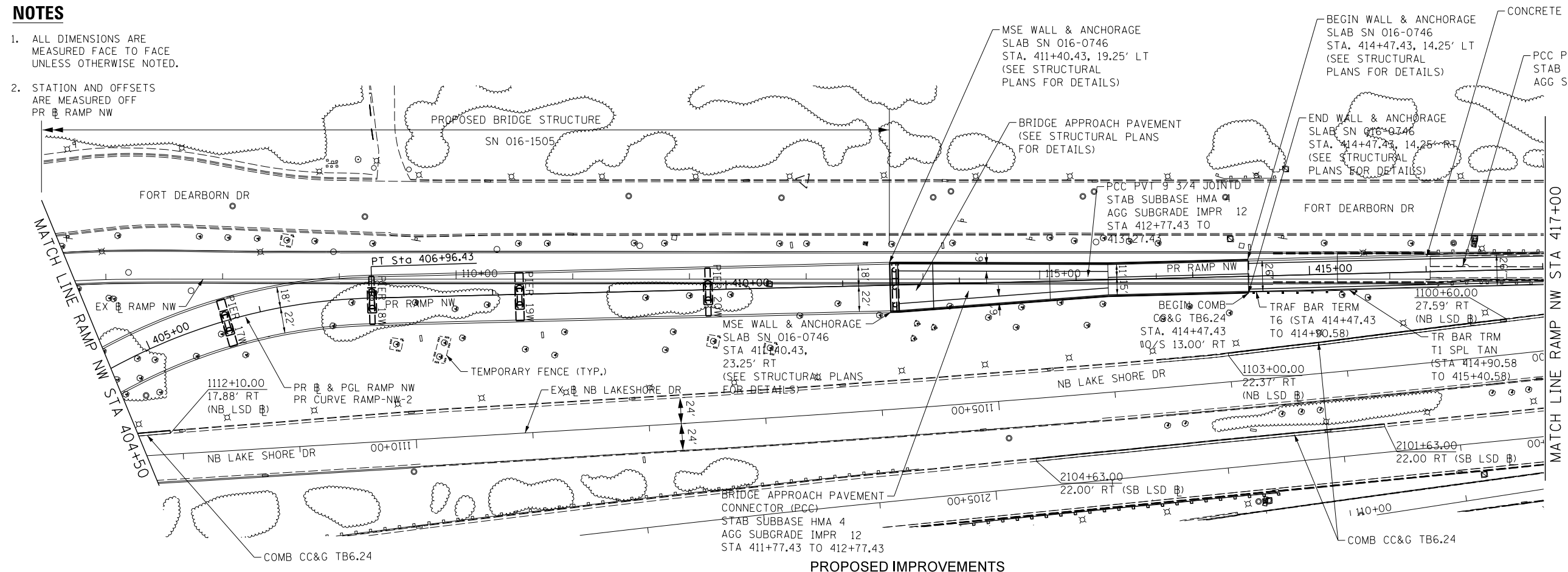
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	59
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				



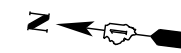
EXISTING REMOVALS

NOTES

1. ALL DIMENSIONS ARE MEASURED FACE TO FACE UNLESS OTHERWISE NOTED.
2. STATION AND OFFSETS ARE MEASURED OFF PR RAMP NW



PROPOSED IMPROVEMENTS

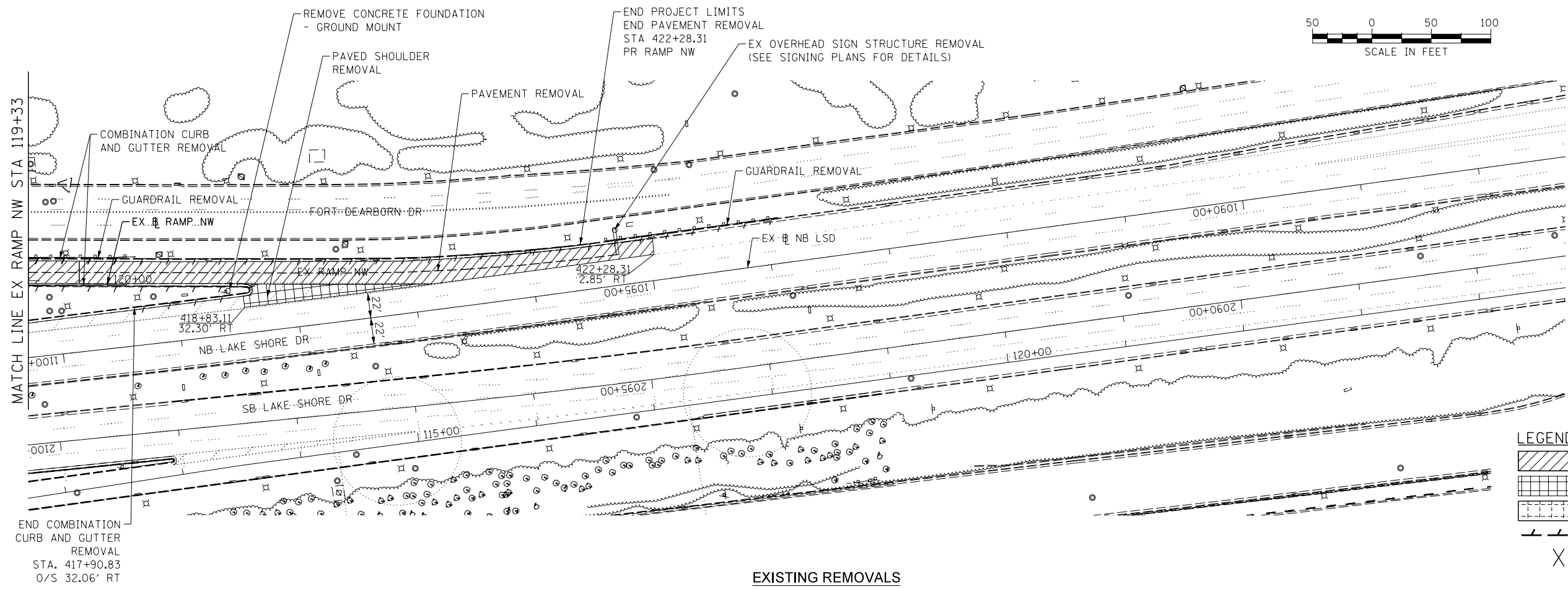


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PLOT DATE = 11/19/2014	CHECKED - MJE	REVISED -
	DATE - 11/14/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN	
RAMP NW	
SCALE: 1" = 50'	SHEET 4 OF 6 SHEETS
STA. 404+50	TO STA. 417+00

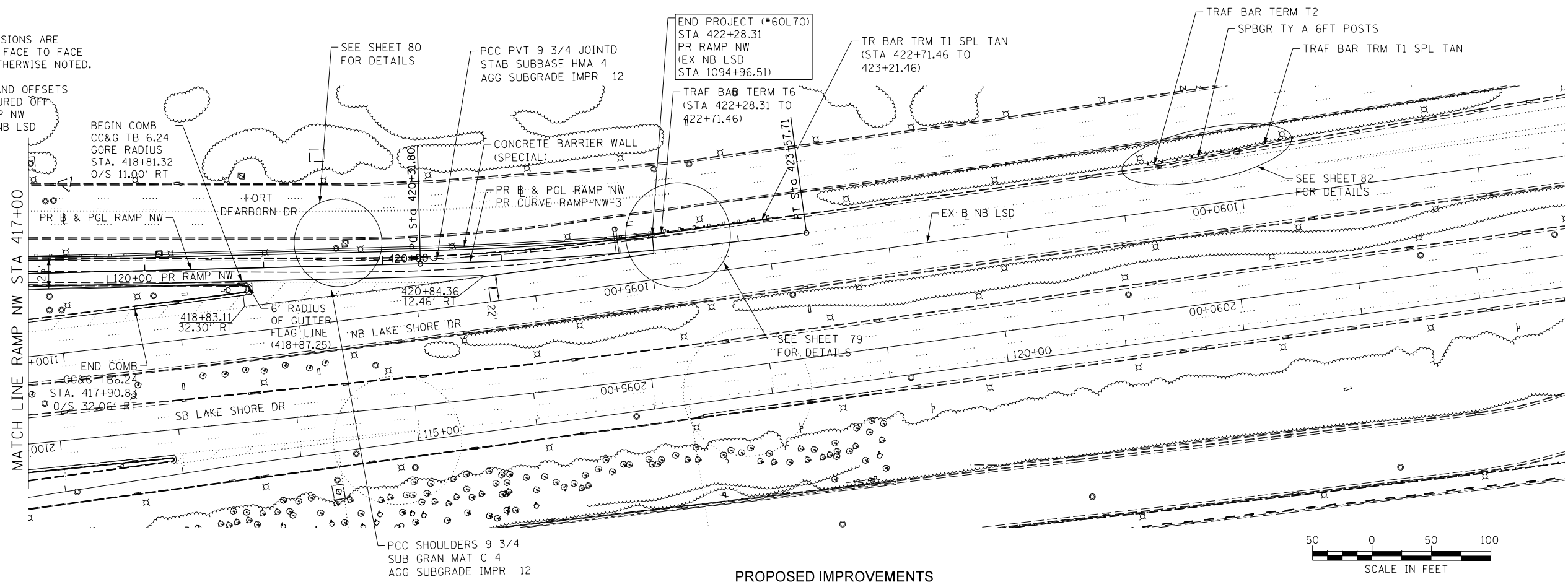
F.A.I. RTE. 55	SECTION 2010-080-B	COUNTY COOK	TOTAL SHEETS 886	SHEET NO. 60
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				



EXISTING REMOVALS

NOTES

1. ALL DIMENSIONS ARE MEASURED FACE TO FACE UNLESS OTHERWISE NOTED.
2. STATION AND OFFSETS ARE MEASURED OFF PR RAMP NW OR EX NB LSD



PROPOSED IMPROVEMENTS

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	DATE - 11/14/2014	REVISED -

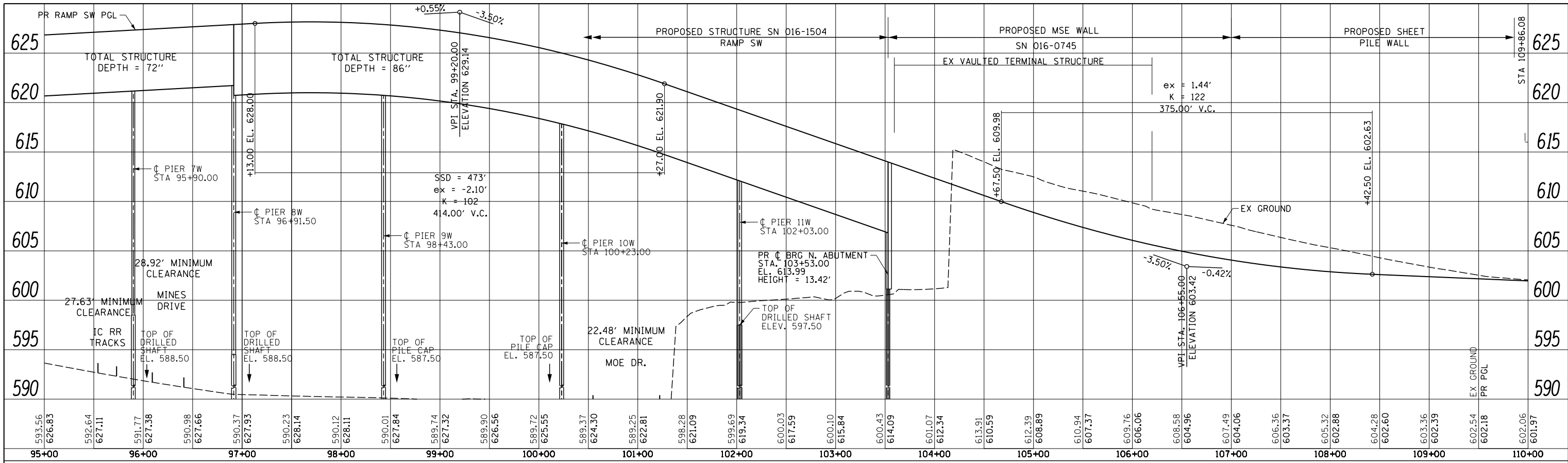
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
RAMP NW

SCALE: 1" = 50' SHEET 5 OF 6 SHEETS STA. 417+00 TO STA. 421+68.05

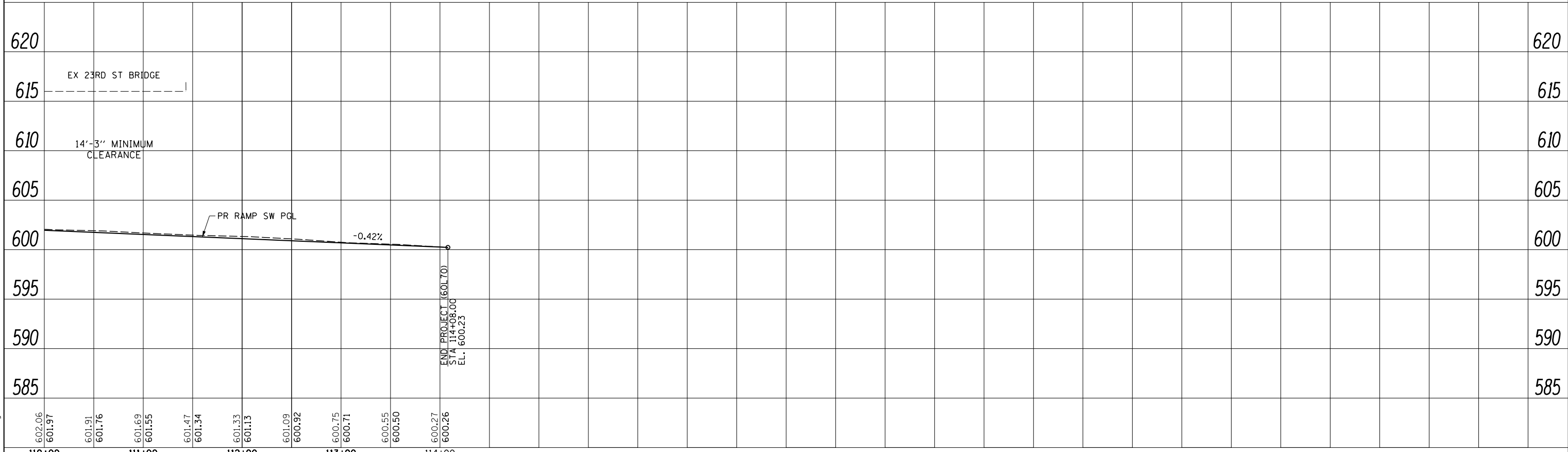
F.A.I. RTE. 55	SECTION 2010-080-B	COUNTY COOK	TOTAL SHEETS 886	SHEET NO. 61
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	AT		
	FILE NAME		
	NO.		



RAMP SW PROFILE

PROFILE	SURVEYED	BY	DATE
	GRADES CHECKED		
	STRUCTURE		
	NOTATIS		
	CHKD		
	NO.		



RAMP SW PROFILE

FILE NAME = D:\60L70-Sht-Prof-SW-01.dgn



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	DRAWN - PHP	REVISED -
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	DATE - 11/14/2014	REVISED -

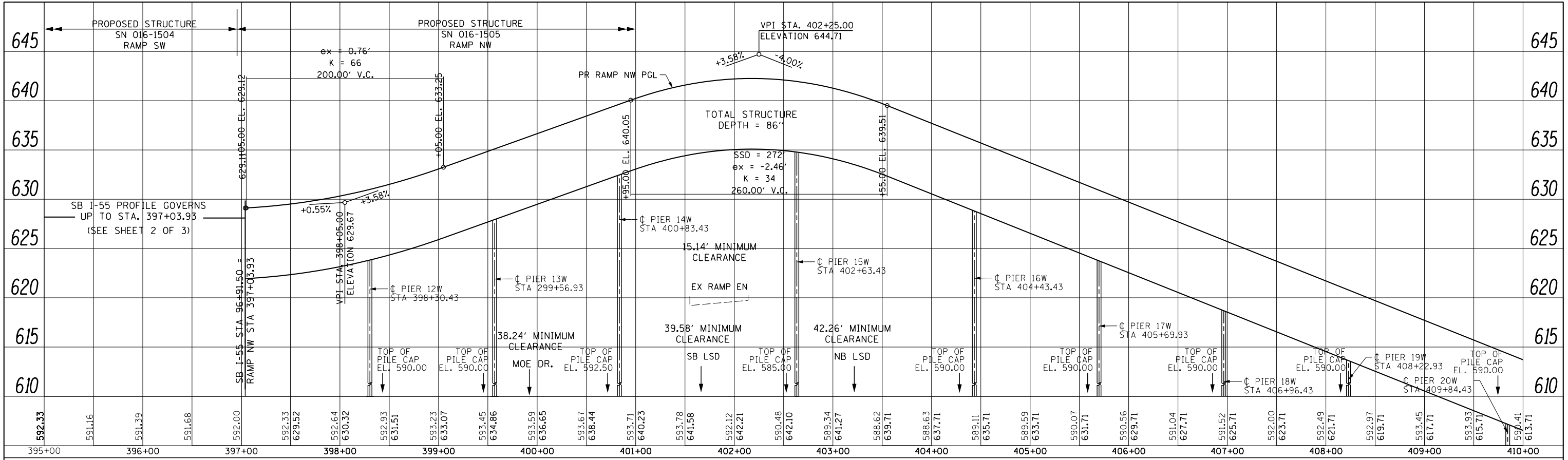
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PROFILE
RAMP SW

SCALE: 1" = 50' SHEET NO. 2 OF 3 SHEETS STA. 95+00.00 TO STA. 113+82.80

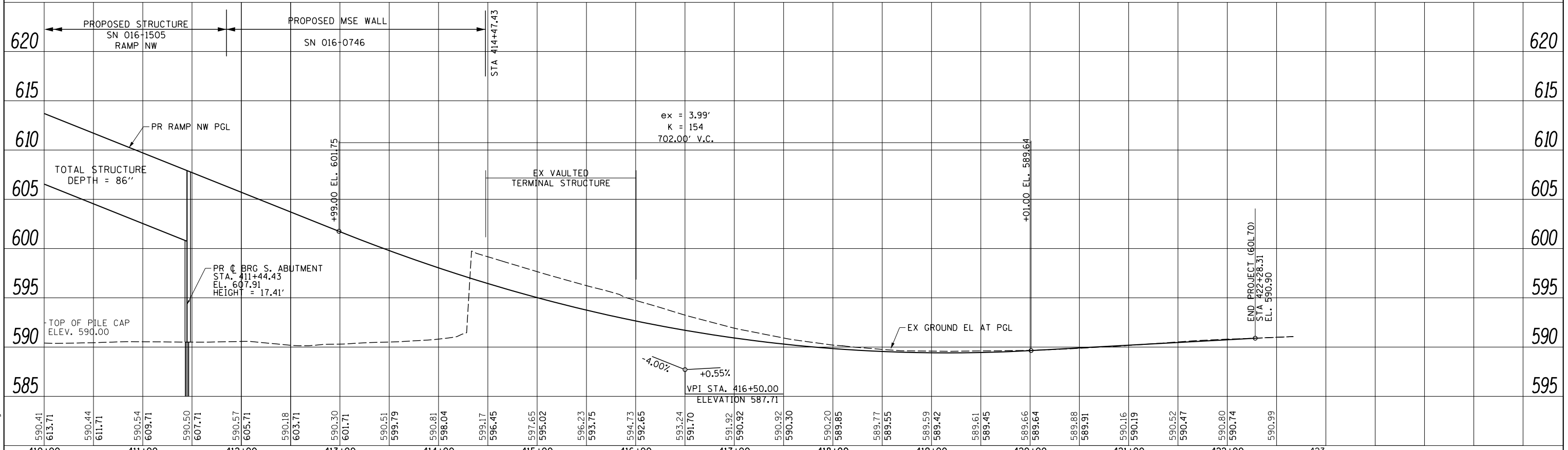
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	64
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	ALIGNED	
	FILE NAME	
	NO.	



RAMP NW PROFILE

PROFILE	SURVEYED	DATE
	GRADES CHECKED	BY
	STRUCTURE	
	NOTATIONS	
	CHKD	



RAMP NW PROFILE

FILE NAME = D:\60L70-Sht-Prof-NW-01.dgn



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	DRAWN - PHP	REVISED -
	CHECKED - MJE	REVISED -
	DATE - 11/14/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PROFILE
RAMP NW

SCALE: 1" = 50' SHEET NO. 3 OF 3 SHEETS STA. 395+00.00 TO STA. 421+68.05

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	65
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				

NOTES:

1. EXPANSION JOINTS SHOWN ON THIS DRAWING SHALL BE PREFORMED JOINT MATERIAL (BITUMINOUS TYPE) FILLER AND SHALL MEET THE REQUIREMENTS OF AASHTO M-33 AND IN ACCORDANCE WITH SECTION 1051 OF THE STANDARD SPECIFICATIONS.

2. ALL WORK AND MATERIALS DETAILED HEREIN SHALL BE INCLUDED IN THE COST OF THE VARIOUS CONCRETE BARRIER PAY ITEMS UNLESS OTHERWISE NOTED.

3. PREFORMED JOINT FILLER SHALL BE INCLUDED IN THE COST OF OF CONCRETE BARRIER OR CONCRETE BARRIER TRANSITION.

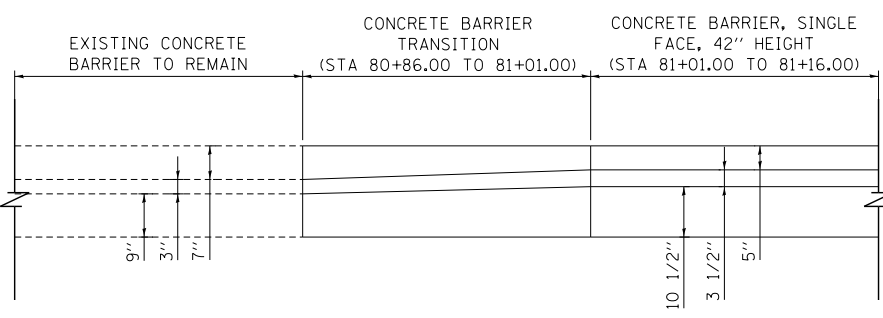
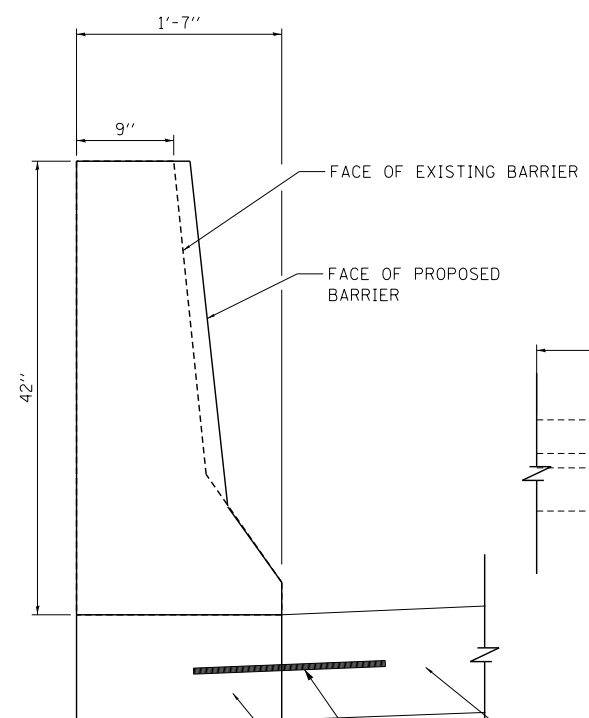
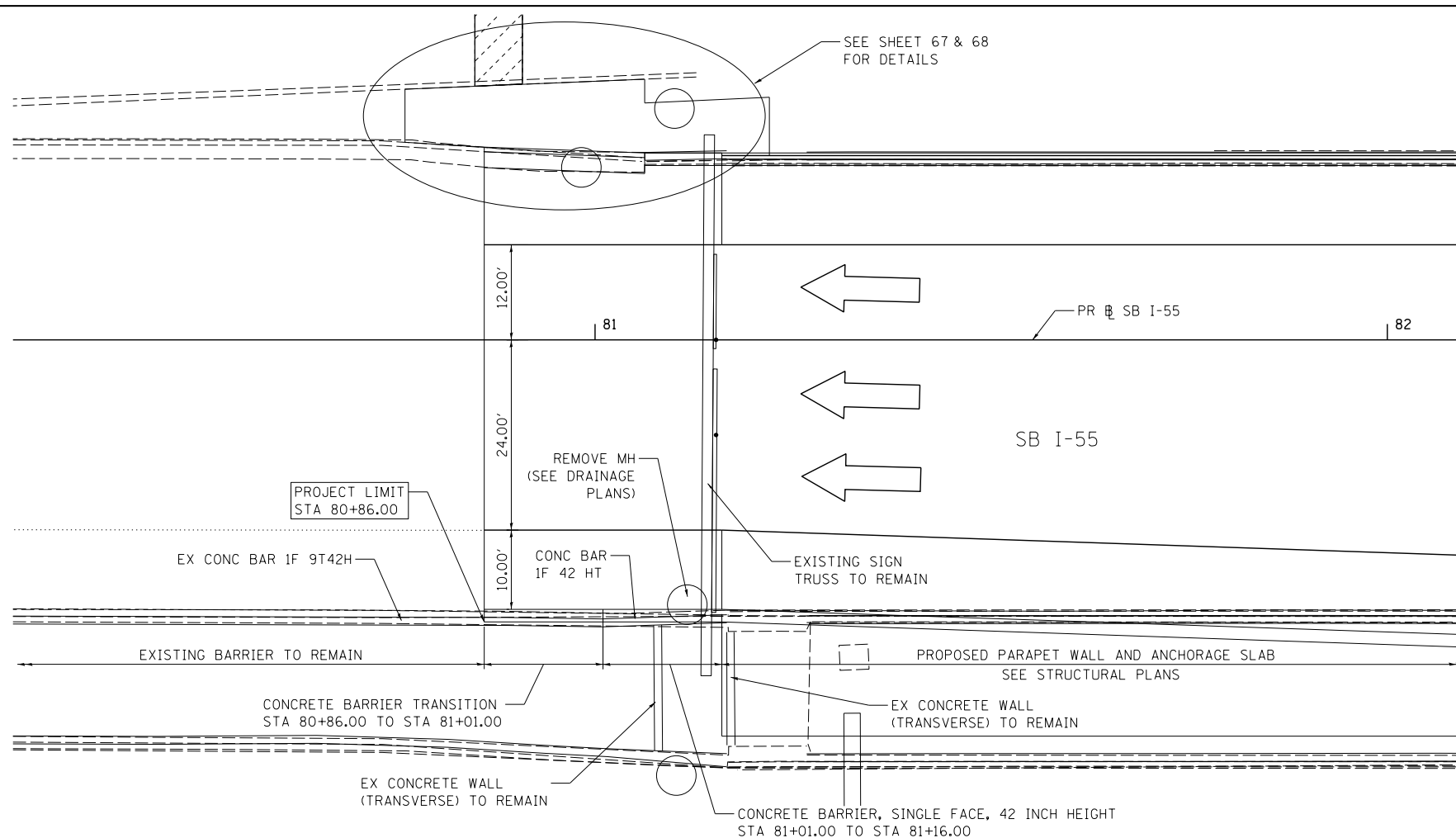
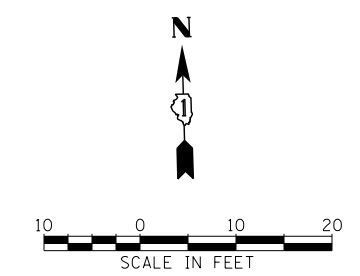
4. JOINTS SHALL BE CONSTRUCTED AS SHOWN ON THE PLANS AND IN ACCORDANCE WITH ARTICLE 637.08 OF THE STANDARD SPECIFICATIONS

5. TWO VERTICAL EPOXY COATED, NO. 8 TIE BARS, 10" LONG, SHALL BE PLACED STAGGERED FRONT TO BACK OF THE BARRIER WALL AT 48" CENTERS ALONG THE CONCRETE BARRIER TRANSITION. TIE BARS SHALL BE INCLUDED IN THE COST OF CONCRETE BARRIER TRANSITION.

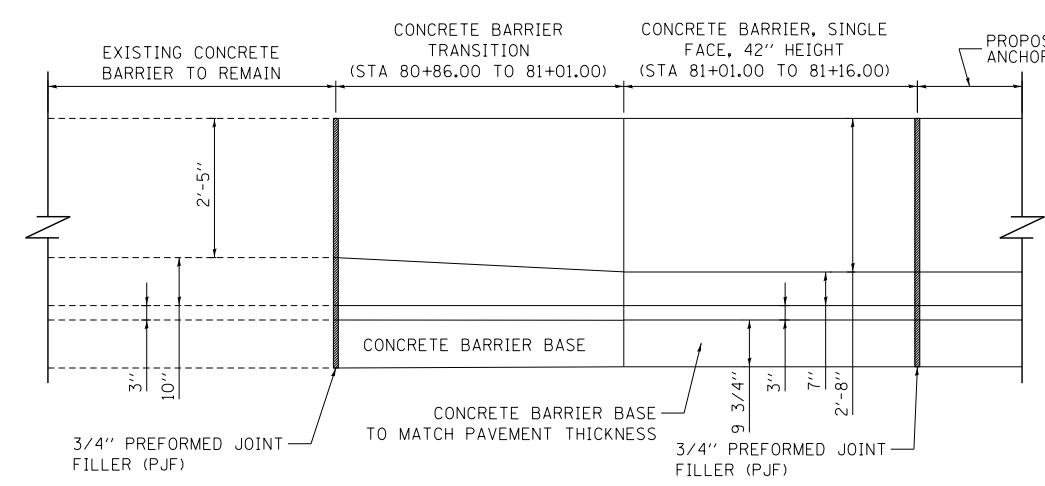
6. HORIZONTAL TIE BARS SHALL BE NO. 6 EPOXY COATED, 24" LONG, 24" C-C AND SHALL BE INCLUDED IN THE COST OF THE CONCRETE BARRIER BASE. HORIZONTAL TIE BARS ARE REQUIRED WHEN ADJACENT PAVEMENT IS PCC.

7. EXPANSION JOINTS SHALL BE CONSTRUCTED IN BARRIER WALL AT MAXIMUM JOINT SPACING OF 90 FEET.

8. VERTICAL TIE BARS ARE REQUIRED WHEN CONCRETE BARRIER AND CONCRETE BARRIER BASE ARE NOT POURED MONOLITHICALLY.

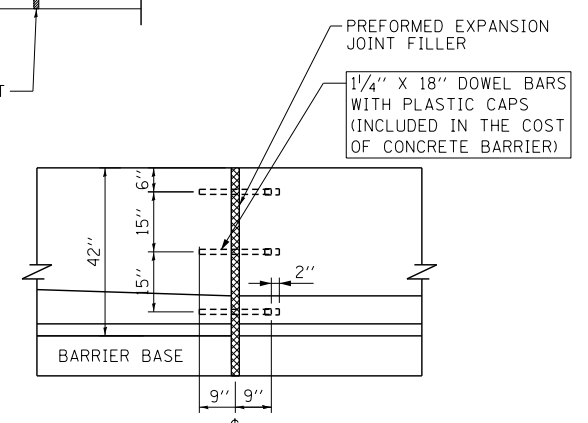


PLAN VIEW



ELEVATION VIEW

CONCRETE BARRIER, SINGLE FACE, 42 IN, TRANSITION
(TRANSITION TO EXISTING BARRIER ALONG SB I-55)



EXPANSION JOINT DETAIL
42" BARRIER
SCALE: NONE

CONCRETE BARRIER TRANSITION
TIE BARS (NO. 6, 2'-0" LONG @ 2'-0" C-C WHERE APPLICABLE, SEE NOTE 6)
CONCRETE BARRIER BASE

FILE NAME = D:\606178-Sht-RoadDetail\606178.dgn



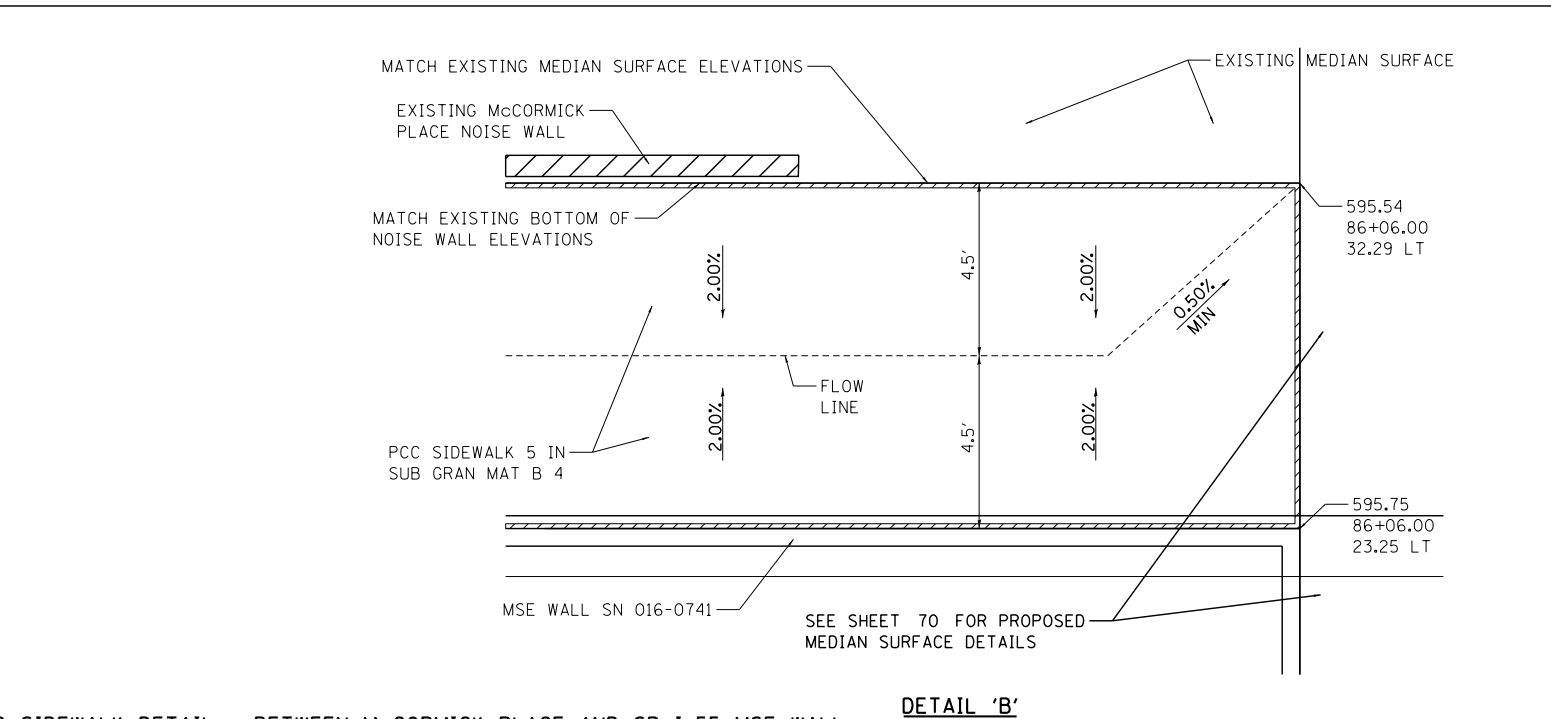
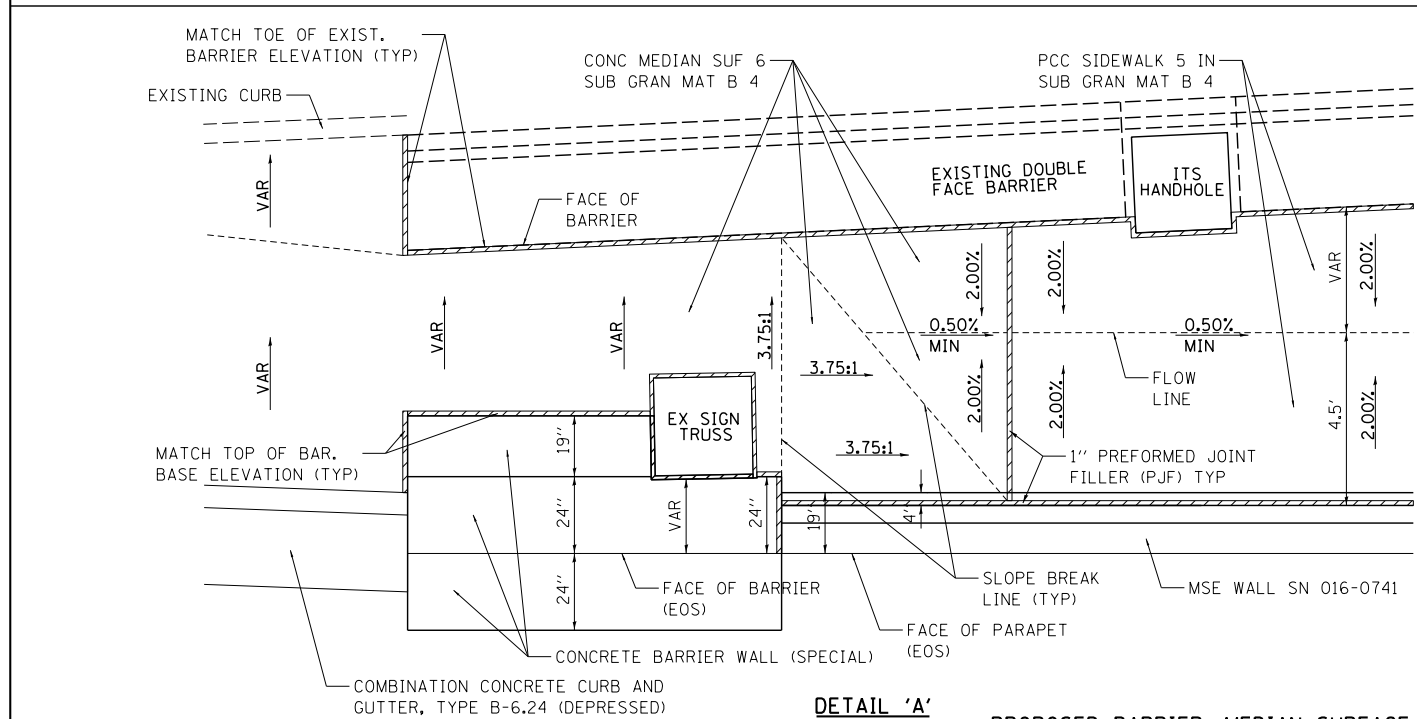
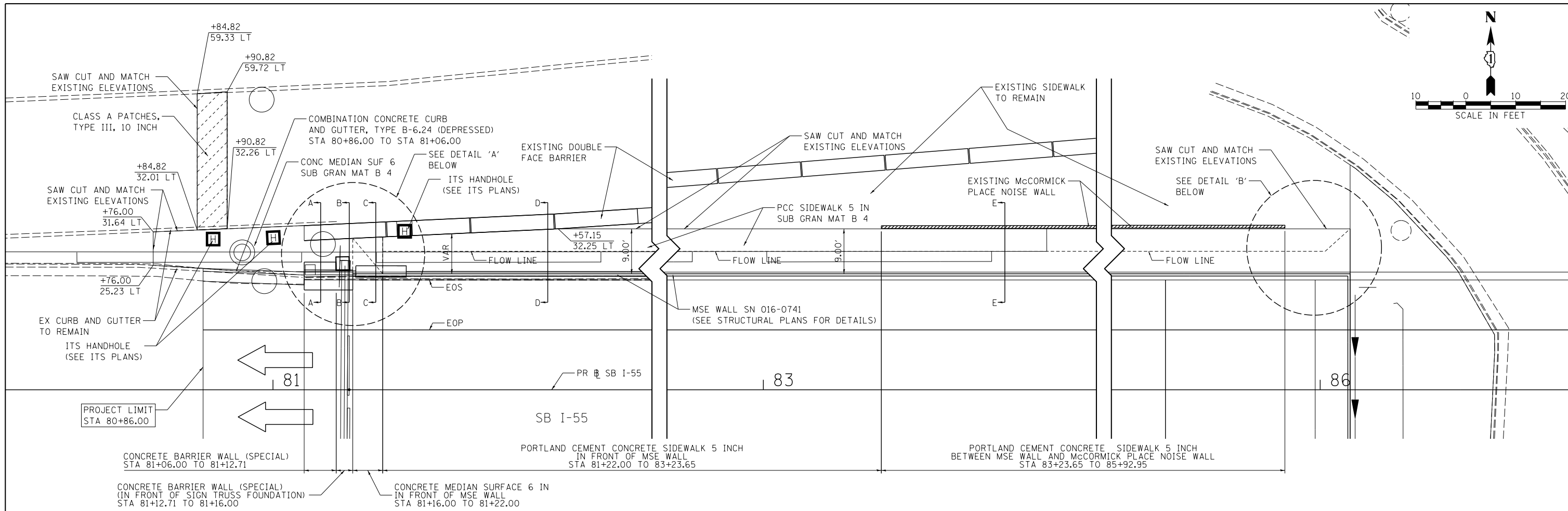
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PLOT DATE = 11/19/2014	CHECKED - MJE	REVISED -
	DATE - 11/14/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS
SB I-55 1 OF 3

SCALE: SHEET NO. 1 OF 18 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	66
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				



PROPOSED BARRIER, MEDIAN SURFACE, AND SIDEWALK DETAIL - BETWEEN MCCORMICK PLACE AND SB I-55 MSE WALL

- MATCH EXISTING TOP OF CURB AND MEDIAN SURFACE ELEVATIONS AT TIE-INS
- ALL STATIONING BASED ON PROPOSED SB I-55
- 1" PREFORMED JOINT FILLER (PJF) SHALL BE USED AT ALL JOINTS BETWEEN PROPOSED PCC AND EXISTING PCC ELEMENTS. COST OF PJF TO BE INCLUDED IN THE COST OF PROPOSED PCC ELEMENTS.
- SEE SHEET 68 FOR ADDITIONAL NOTES AND INFORMATION

FILE NAME = D:\60178-Sht-RoadDetail\1602.dgn



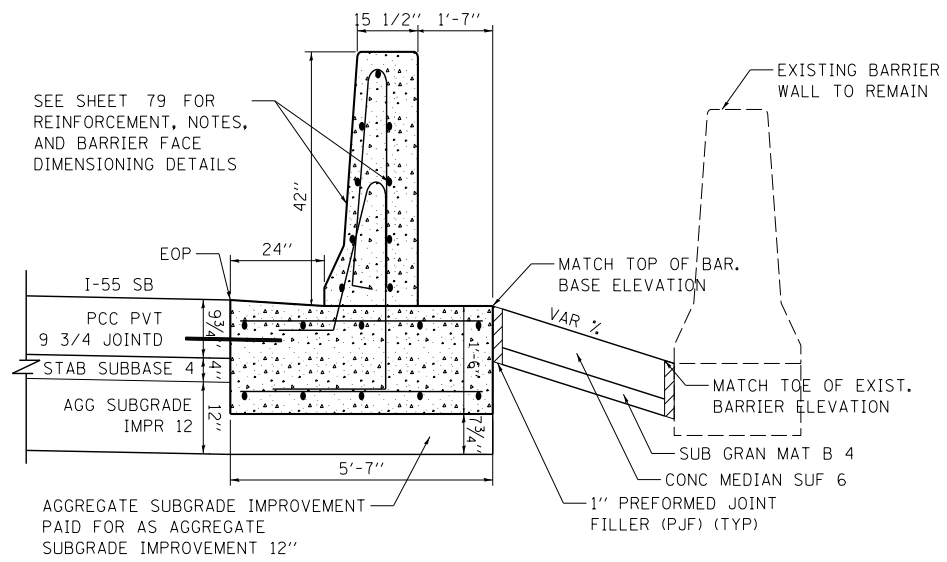
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	DATE - 11/14/2014	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

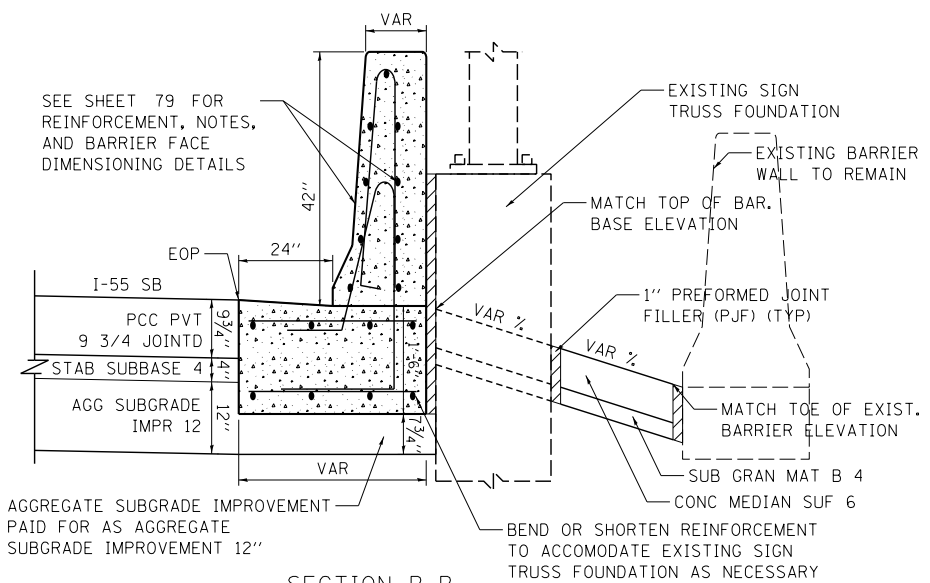
**ROADWAY DETAILS
SB I-55 2 OF 3**

SCALE: SHEET NO. 2 OF 18 SHEETS STA. TO STA.

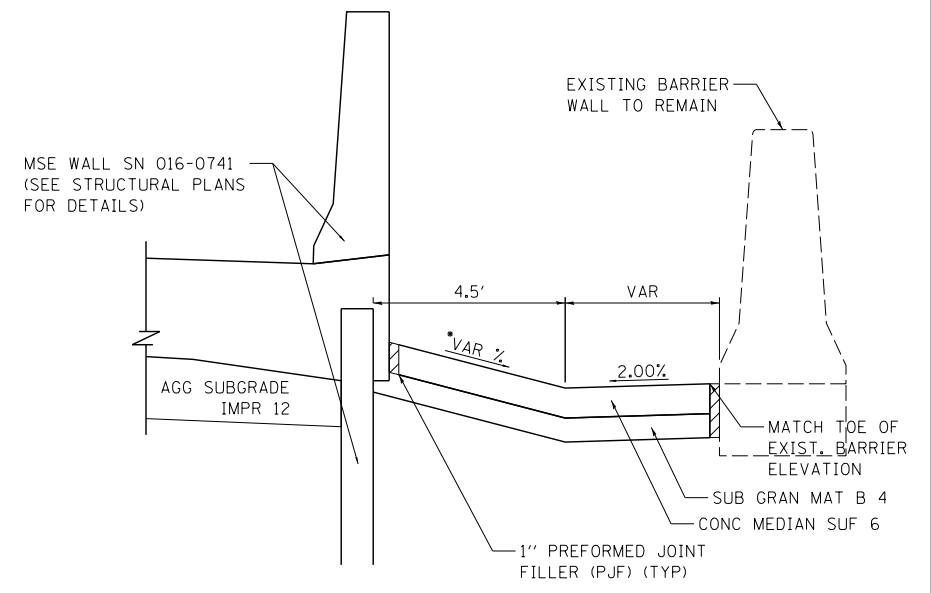
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	67
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				



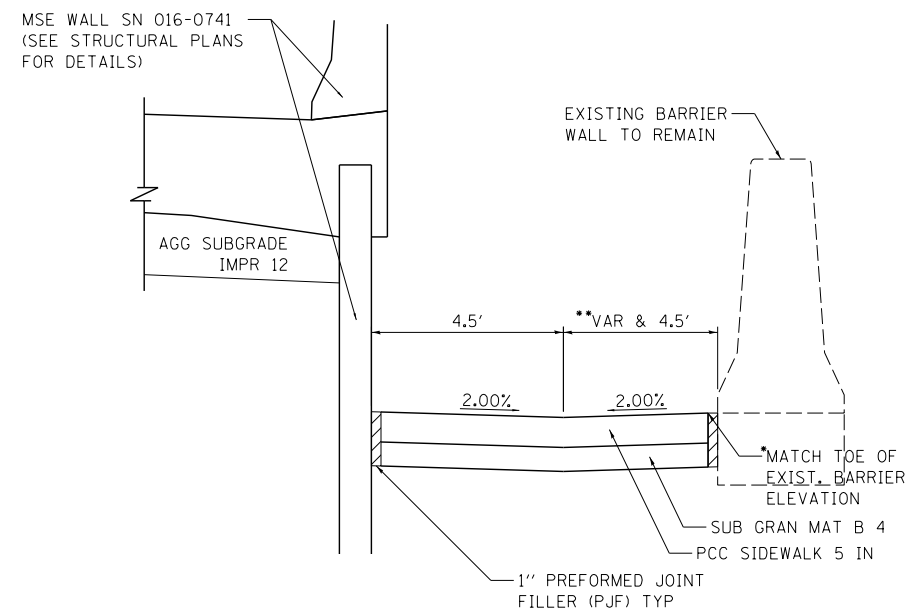
SECTION A-A
CONCRETE BARRIER WALL (SPECIAL)
STATION 81+06.00 TO STA 81+12.71



SECTION B-B
CONCRETE BARRIER WALL (SPECIAL)
(IN FRONT OF SIGN TRUSS FOUNDATION)
STATION 81+12.71 TO STA 81+16.00

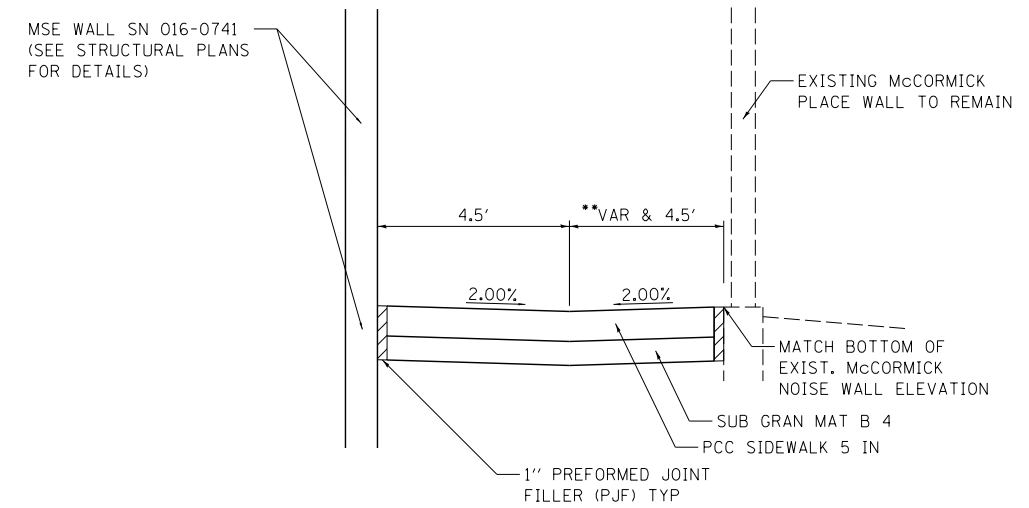


SECTION C-C
CONCRETE MEDIAN SURFACE 6 IN
(IN FRONT OF MSE WALL)
STATION 81+16.00 TO STA 81+22.00
• SEE SHEET 67 FOR SLOPE INFORMATION



SECTION D-D
PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
(IN FRONT OF SIGN TRUSS FOUNDATION)
STATION 81+22.00 TO STA 83+23.65

- STATION 81+22.00 TO 81+57.15 MATCH TOE OF EXISTING BARRIER ELEVATION, STATION 81+57.15 TO 83+23.65 MATCH EXISTING MEDIAN SURFACE ELEVATION.
- STATION 81+22.00 TO 81+57.15 WIDTH VARIES UP TO BARRIER FACE, STATION 81+57.15 TO 83+23.65 CONSTANT 4.5' WIDTH MAINTAINED.



SECTION E-E
PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
(BETWEEN MSE WALL AND McCORMICK PLACE NOISE WALL)
STATION 83+23.65 TO 85+92.95

NOTES:

1. EXPANSION JOINTS SHOWN ON THIS DRAWING SHALL BE PREFORMED JOINT MATERIAL (BITUMINOUS TYPE) FILLER AND SHALL MEET THE REQUIREMENTS OF AASHTO M-33 AND IN ACCORDANCE WITH SECTION 1051 OF THE STANDARD SPECIFICATIONS.
2. ALL WORK AND MATERIALS DETAILED HEREIN SHALL BE INCLUDED IN THE COST OF THE VARIOUS CONCRETE BARRIER, SIDEWALK, AND MEDIAN SURFACE PAY ITEMS UNLESS OTHERWISE NOTED.
3. PREFORMED JOINT FILLER SHALL BE INCLUDED IN THE COST OF OF CONCRETE BARRIER, CONCRETE BARRIER TRANSITION, CONCRETE MEDIAN SURFACE, OR PCC SIDEWALK.
4. JOINTS SHALL BE CONSTRUCTED AS SHOWN ON THE PLANS AND IN ACCORDANCE WITH ARTICLE 637.08 OF THE STANDARD SPECIFICATIONS.

PROPOSED BARRIER, MEDIAN SURFACE, AND SIDEWALK DETAIL SECTIONS - BETWEEN McCORMICK PLACE AND SB I-55 MSE WALL
• SEE SHEET 67 FOR ADDITIONAL NOTES AND INFORMATION

FILE NAME = D:\60L78-Sht-RoadDetail\60L78.dgn



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PLOT DATE = 11/19/2014

DESIGNED - BS
DRAWN - BS
CHECKED - MJE
DATE - 11/14/2014

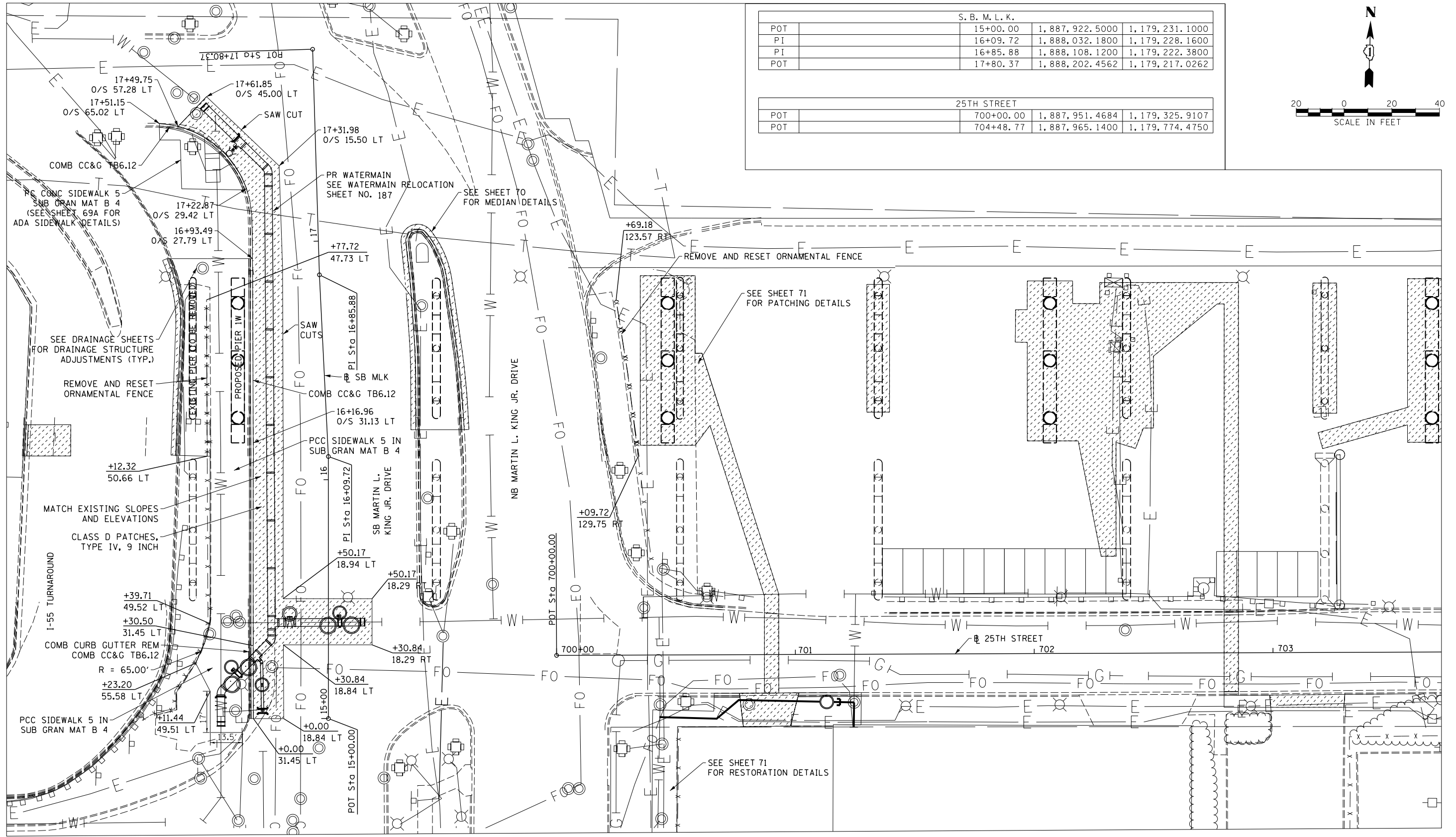
REVISED -
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REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY DETAILS
SB I-55 3 OF 3**

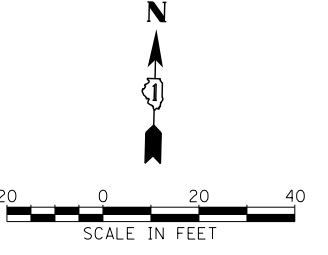
SCALE: SHEET NO. 3 OF 18 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	68
CONTRACT NO. 60L70			ILLINOIS FED. AID PROJECT	



S. B. M. L. K.			
POT	15+00.00	1,887,922.5000	1,179,231.1000
PI	16+09.72	1,888,032.1800	1,179,228.1600
PI	16+85.88	1,888,108.1200	1,179,222.3800
POT	17+80.37	1,888,202.4562	1,179,217.0262

25TH STREET			
POT	700+00.00	1,887,951.4684	1,179,325.9107
POT	704+48.77	1,887,965.1400	1,179,774.4750



WATER MAIN RESTORATION PLAN

**ALL STATIONING BASED ON S.B. M.L.K.
 ***1/2" PREFORMED JOINT FILLER SHALL BE USED AT ALL JOINTS BETWEEN PROPOSED PCC AND EXISTING PCC ELEMENTS. COST TO BE INCLUDED IN THE COST OF PROPOSED PCC ELEMENTS.

PAVEMENT RESTORATION LIMITS

CLASS D PATCHES, TYPE AND SIZE AS SPECIFIED
 NOTE: COST OF SAW CUTS TO BE INCLUDED WITH ITEM REMOVED OR CLASS C OR CLASS D PATCHES

FILE NAME = D:\606178-Sht-RoadDetail\1804.dgn



USER NAME = HENADC	DESIGNED - CRH	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - CRH	REVISED -
PLOT DATE = 12/4/2014	CHECKED - MJE	REVISED -
	DATE - 12/5/2014	REVISED -

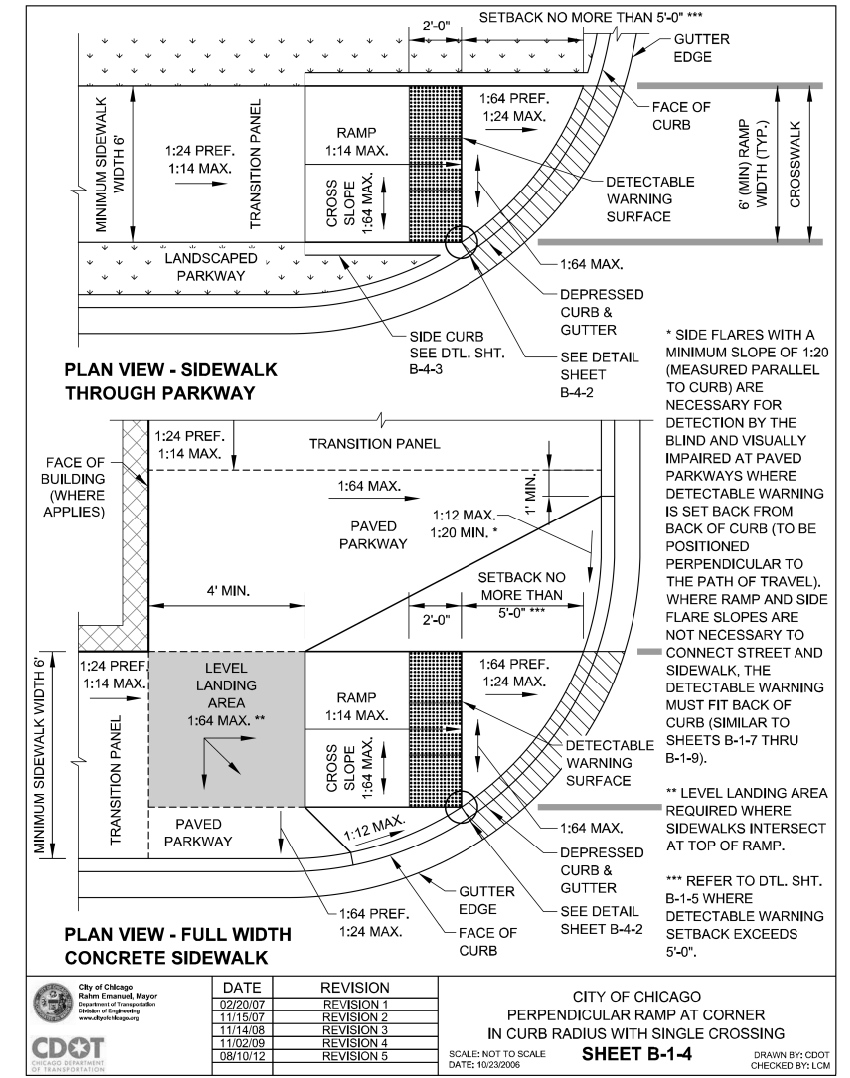
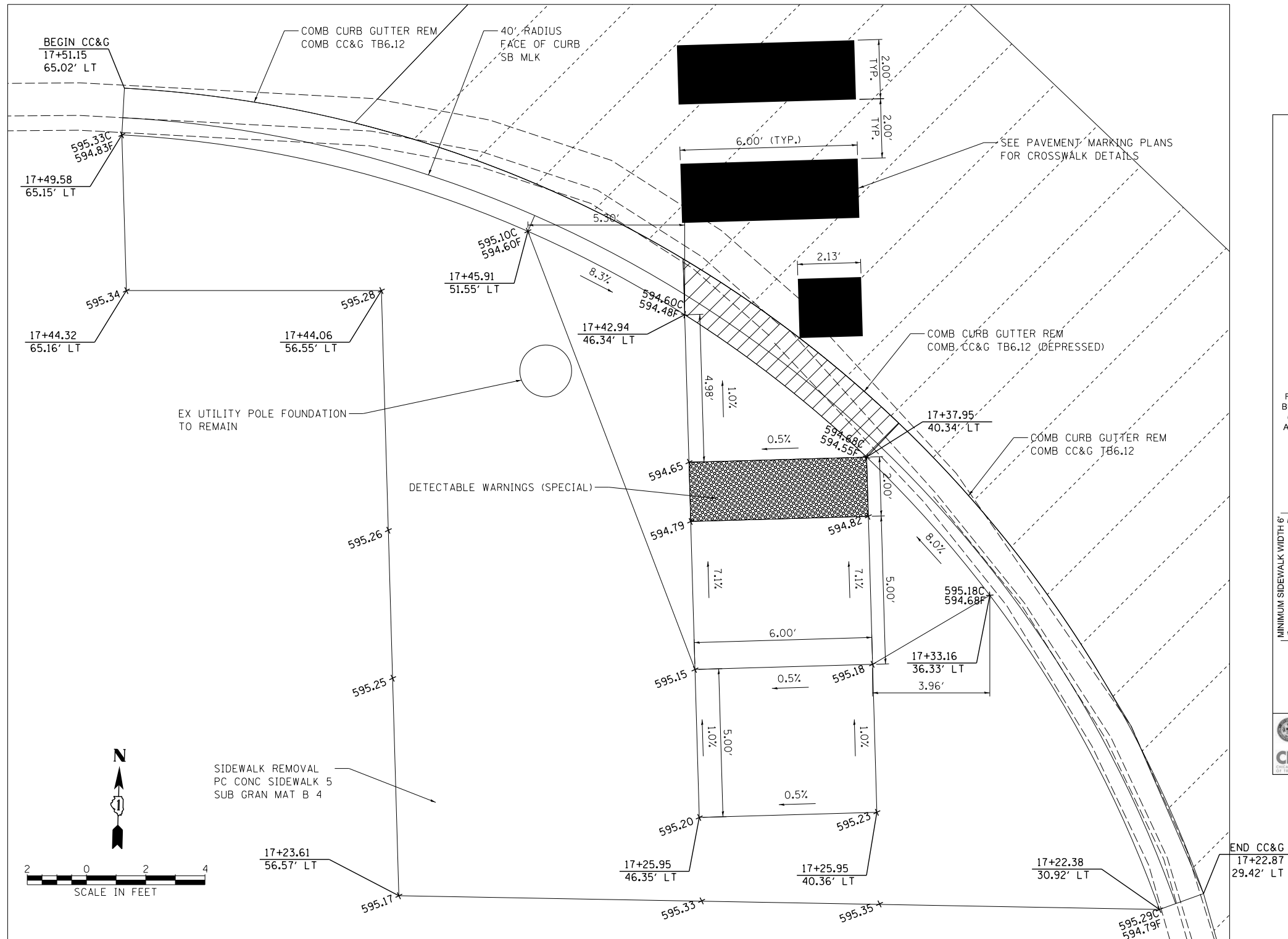
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ROADWAY DETAILS
 MARTIN LUTHER KING JR DRIVE & 25TH STREET**

SCALE: SHEET NO. 4 OF 18 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	69

CONTRACT NO. 60L70
 ILLINOIS FED. AID PROJECT



ADA RAMP DETAIL
SOUTHBOUND MARTIN LUTHER KING DR.
 *ALL STATIONING BASED ON SB M.L.K.

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

CITY OF CHICAGO
 PERPENDICULAR RAMP AT CORNER
 IN CURB RADIUS WITH SINGLE CROSSING
SHEET B-14

FILE NAME = D:\6\78-Sht-C-RoadDetail\164A.dgn



USER NAME = HENAOC	DESIGNED - CRH	REVISED -
PLOT SCALE = 2.0000' / 1" =	DRAWN - CRH	REVISED -
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	DATE - 11/14/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

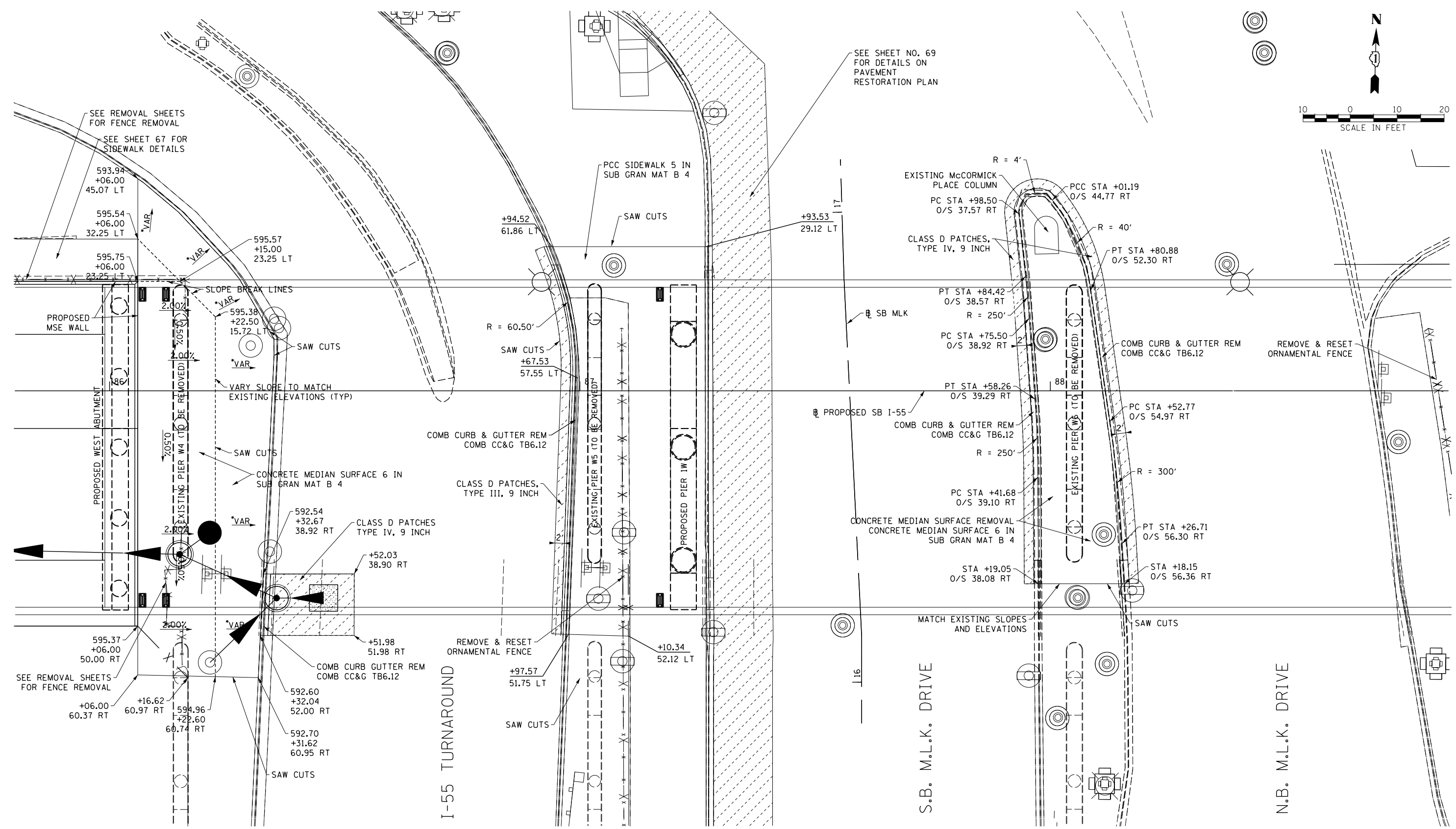
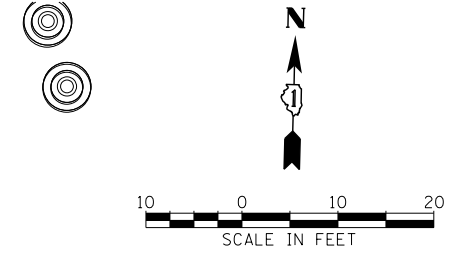
ROADWAY DETAILS
ADA RAMP

SCALE: SHEET NO. 4A OF 18 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	69A

CONTRACT NO. 60L70

ILLINOIS FED. AID PROJECT



NOTE: STATIONING FOR I-55 TURNAROUND IMPROVEMENTS BASED ON PROPOSED SB I-55

ROADWAY DETAIL - MARTIN LUTHER KING DRIVE UNDER SB I-55

- SLOPE VARIES TO MATCH EXISTING TOP OF CURB AND MEDIAN SURFACE
- 1/2" PREFORMED JOINT FILLER SHALL BE USED AT ALL JOINTS BETWEEN PROPOSED PCC AND EXISTING PCC ELEMENTS. COST TO BE INCLUDED IN THE COST OF PROPOSED PCC ELEMENTS.

NOTE: STATIONING FOR MEDIAN IMPROVEMENTS BASED ON SB MLK

CLASS D PATCHES, TYPE AND SIZE AS SPECIFIED

NOTE: COST OF SAW CUTS TO BE INCLUDED WITH ITEM REMOVED OR CLASS C OR CLASS D PATCHES

FILE NAME = D:\60L78-Sht-RoadDetail\60L78.dgn



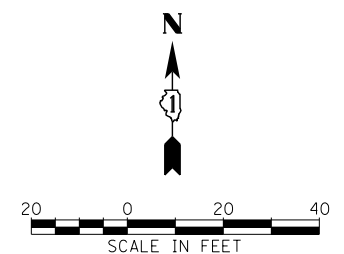
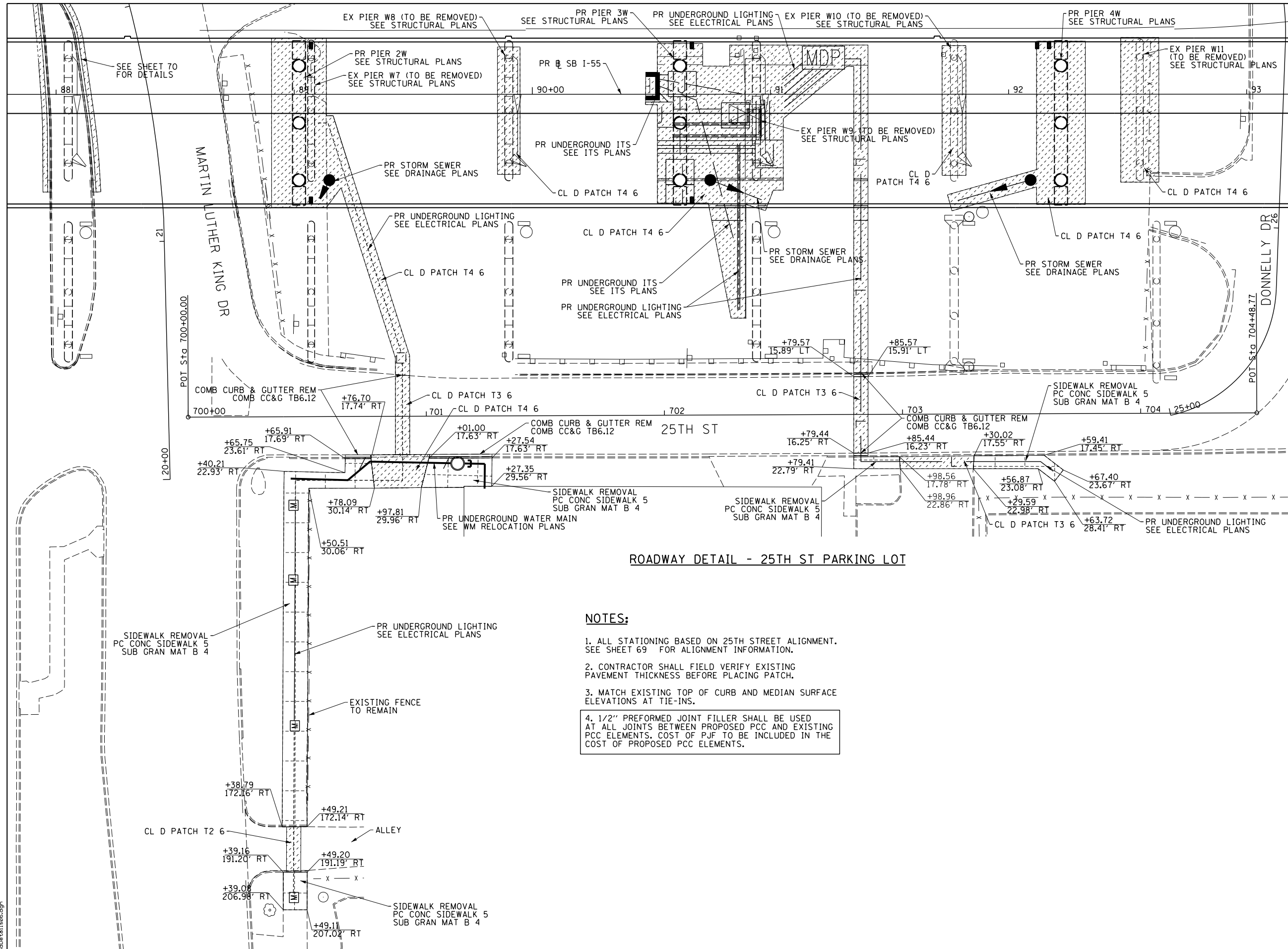
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PLOT DATE = 11/19/2014	CHECKED - MJE	REVISED -
	DATE - 11/14/2014	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY DETAILS
MARKIN LUTHER KING JR DR & I-55 TURNAROUND**

SCALE: SHEET NO. 5 OF 18 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	70
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				



ROADWAY DETAIL - 25TH ST PARKING LOT

- NOTES:**
1. ALL STATIONING BASED ON 25TH STREET ALIGNMENT. SEE SHEET 69 FOR ALIGNMENT INFORMATION.
 2. CONTRACTOR SHALL FIELD VERIFY EXISTING PAVEMENT THICKNESS BEFORE PLACING PATCH.
 3. MATCH EXISTING TOP OF CURB AND MEDIAN SURFACE ELEVATIONS AT TIE-INS.
 4. 1/2" PREFORMED JOINT FILLER SHALL BE USED AT ALL JOINTS BETWEEN PROPOSED PCC AND EXISTING PCC ELEMENTS. COST OF PJF TO BE INCLUDED IN THE COST OF PROPOSED PCC ELEMENTS.

FILE NAME = D:\60L70-Sht-RoadDetail\60L70.dgn



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PLOT SCALE = 20.0000' / in.	DRAWN - NSA	REVISED -
PLOT DATE = 11/19/2014	CHECKED - MJE	REVISED -
	DATE - 11/14/2014	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY DETAILS	
MARTIN LUTHER KING JR DRIVE & 25TH STREET	
SCALE:	SHEET NO. 6 OF 18 SHEETS STA. TO STA.

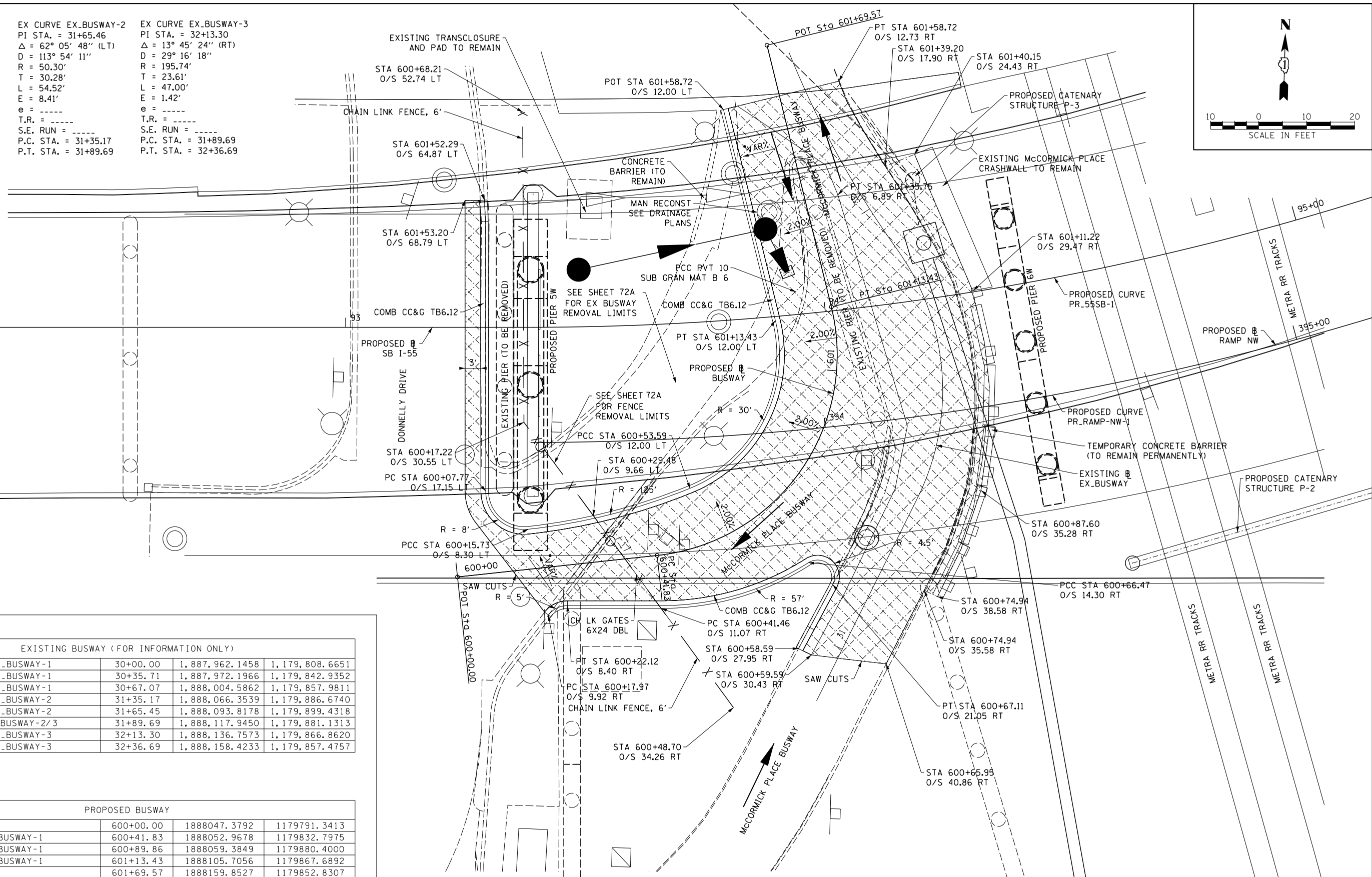
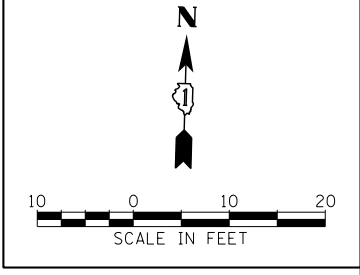
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	71
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				

EX CURVE EX-BUSWAY-1
 PI STA. = 30+35.71
 $\Delta = 48^\circ 44' 18''$ (LT)
 $D = 72^\circ 40' 15''$
 $R = 78.84'$
 $T = 35.71'$
 $L = 67.07'$
 $E = 7.71'$
 $e = \text{---}$
 $T.R. = \text{---}$
 $S.E. RUN = \text{---}$
 $P.C. STA. = 30+00.00$
 $P.T. STA. = 30+67.07$

EX CURVE EX-BUSWAY-2
 PI STA. = 31+65.46
 $\Delta = 62^\circ 05' 48''$ (LT)
 $D = 113^\circ 54' 11''$
 $R = 50.30'$
 $T = 30.28'$
 $L = 54.52'$
 $E = 8.41'$
 $e = \text{---}$
 $T.R. = \text{---}$
 $S.E. RUN = \text{---}$
 $P.C. STA. = 31+35.17$
 $P.T. STA. = 31+89.69$

EX CURVE EX-BUSWAY-3
 PI STA. = 32+13.30
 $\Delta = 13^\circ 45' 24''$ (RT)
 $D = 29^\circ 16' 18''$
 $R = 195.74'$
 $T = 23.61'$
 $L = 47.00'$
 $E = 1.42'$
 $e = \text{---}$
 $T.R. = \text{---}$
 $S.E. RUN = \text{---}$
 $P.C. STA. = 31+89.69$
 $P.T. STA. = 32+36.69$

PR CURVE BUSWAY-1
 PI STA. = 600+89.86
 $\Delta = 97^\circ 40' 02''$ (LT)
 $D = 136^\circ 25' 07''$
 $R = 42.00'$
 $T = 48.03'$
 $L = 71.59'$
 $E = 21.81'$
 $e = \text{---}$
 $T.R. = \text{---}$
 $S.E. RUN = \text{---}$
 $P.C. STA. = 600+41.83$
 $P.T. STA. = 601+13.43$



EXISTING BUSWAY (FOR INFORMATION ONLY)				
PC	EX_BUSWAY-1	30+00.00	1,887,962.1458	1,179,808.6651
PI	EX_BUSWAY-1	30+35.71	1,887,972.1966	1,179,842.9352
PT	EX_BUSWAY-1	30+67.07	1,888,004.5862	1,179,857.9811
PC	EX_BUSWAY-2	31+35.17	1,888,066.3539	1,179,886.6740
PI	EX_BUSWAY-2	31+65.45	1,888,093.8178	1,179,899.4318
PRC	EX_BUSWAY-2/3	31+89.69	1,888,117.9450	1,179,881.1313
PI	EX_BUSWAY-3	32+13.30	1,888,136.7573	1,179,866.8620
PT	EX_BUSWAY-3	32+36.69	1,888,158.4233	1,179,857.4757

PROPOSED BUSWAY				
POT		600+00.00	1888047.3792	1179791.3413
PC	BUSWAY-1	600+41.83	1888052.9678	1179832.7975
PI	BUSWAY-1	600+89.86	1888059.3849	1179880.4000
PT	BUSWAY-1	601+13.43	1888105.7056	1179867.6892
POT		601+69.57	1888159.8527	1179852.8307

ROADWAY DETAIL - McCORMICK PLACE BUSWAY ACCESS THROUGH EXISTING PIERS

*SLOPE VARIES TO MATCH EXISTING PAVEMENT SLOPES
 **ALL STATIONING BASED ON PROPOSED BUSWAY
 ***1/2" PREFORMED JOINT FILLER SHALL BE USED AT ALL JOINTS BETWEEN PROPOSED PCC AND EXISTING PCC ELEMENTS. COST TO BE INCLUDED IN THE COST OF PROPOSED PCC ELEMENTS.

PORTLAND CEMENT CONCRETE PAVEMENT 10" SUBBASE GRANULAR MATERIAL, TYPE B 6"

FILE NAME = D:\60178-Sht-RoadDetail\60178.dgn



USER NAME = HENADC	DESIGNED - BS	REVISED -
PLOT SCALE = 10.0000' / 1" =	DRAWN - BS	REVISED -
PLOT DATE = 11/20/2014	CHECKED - MJE	REVISED -
	DATE - 11/14/2014	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ROADWAY DETAILS
 McCORMICK PLACE BUSWAY**

SCALE: SHEET NO. 7 OF 18 SHEETS STA. TO STA.

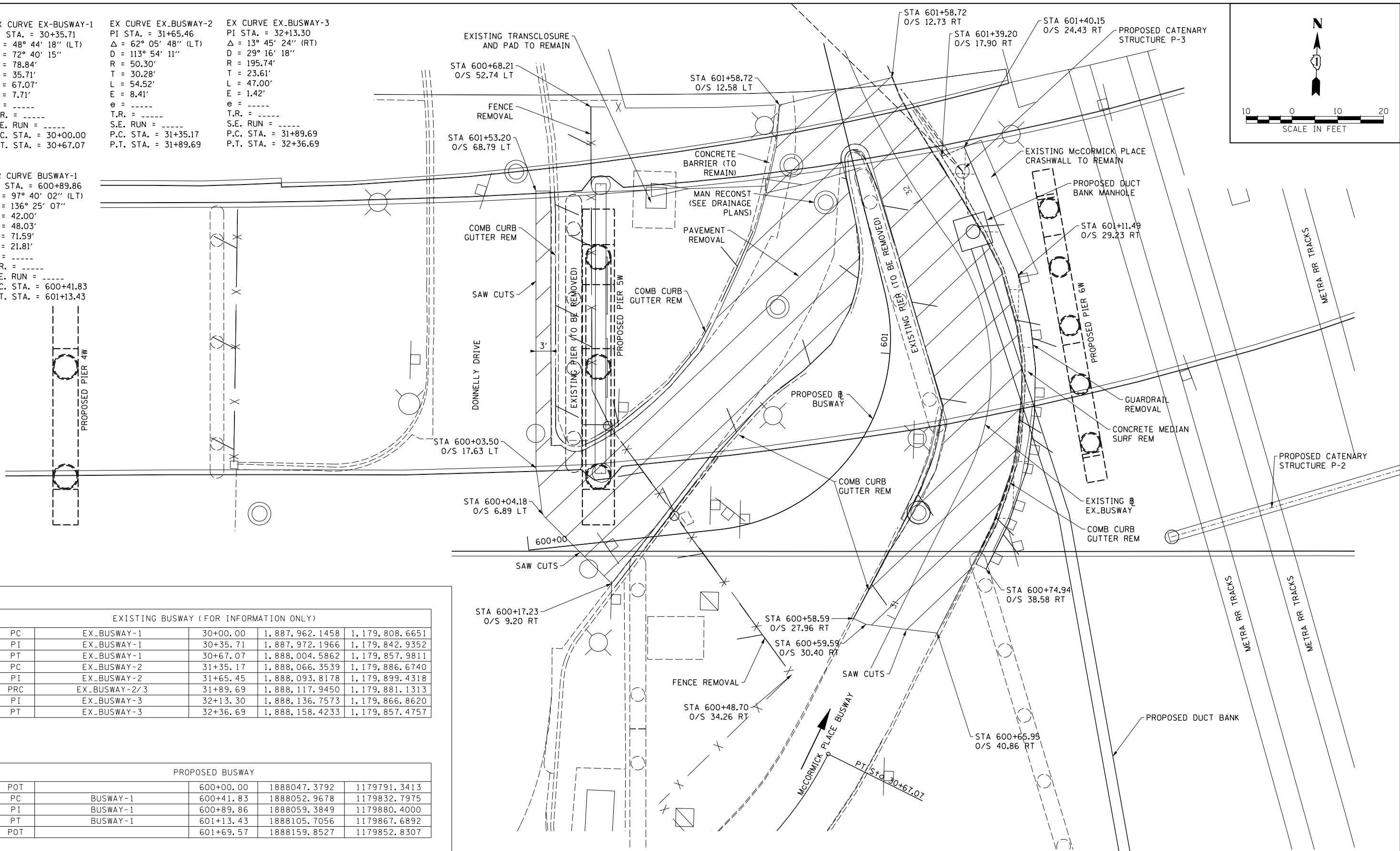
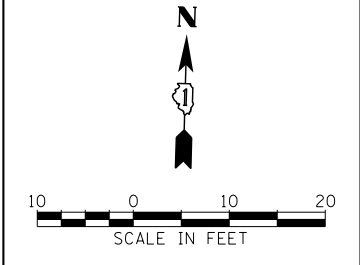
F.A.I. RTE. = 55	SECTION = 2010-080-B	COUNTY = COOK	TOTAL SHEETS = 886	SHEET NO. = 72
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				

EX CURVE EX_BUSWAY-1
 PI STA. = 30+35.71
 $\Delta = 48^\circ 44' 18''$ (LT)
 $D = 72^\circ 40' 15''$
 $R = 78.84'$
 $T = 35.71'$
 $L = 67.07'$
 $E = 7.71'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 30+00.00$
 $P.T. STA. = 30+67.07$

EX CURVE EX_BUSWAY-2
 PI STA. = 31+65.46
 $\Delta = 62^\circ 05' 48''$ (LT)
 $D = 113^\circ 54' 11''$
 $R = 50.30'$
 $T = 30.28'$
 $L = 54.52'$
 $E = 8.41'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 31+35.17$
 $P.T. STA. = 31+89.69$

EX CURVE EX_BUSWAY-3
 PI STA. = 32+13.30
 $\Delta = 13^\circ 45' 24''$ (RT)
 $D = 29^\circ 16' 18''$
 $R = 195.74'$
 $T = 23.61'$
 $L = 47.00'$
 $E = 1.42'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 31+89.69$
 $P.T. STA. = 32+36.69$

PR CURVE BUSWAY-1
 PI STA. = 600+89.86
 $\Delta = 97^\circ 40' 02''$ (LT)
 $D = 136^\circ 25' 07''$
 $R = 42.00'$
 $T = 48.03'$
 $L = 71.59'$
 $E = 21.81'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 600+41.83$
 $P.T. STA. = 601+13.43$



EXISTING BUSWAY (FOR INFORMATION ONLY)				
PC	EX_BUSWAY-1	30+00.00	1,887,962.1458	1,179,808.6651
PI	EX_BUSWAY-1	30+35.71	1,887,972.1966	1,179,842.9352
PT	EX_BUSWAY-1	30+67.07	1,888,004.5862	1,179,857.9811
PC	EX_BUSWAY-2	31+35.17	1,888,066.3539	1,179,886.6740
PI	EX_BUSWAY-2	31+65.45	1,888,093.8178	1,179,899.4318
PRC	EX_BUSWAY-2/3	31+89.69	1,888,117.9450	1,179,881.1313
PI	EX_BUSWAY-3	32+13.30	1,888,136.7573	1,179,866.8620
PT	EX_BUSWAY-3	32+36.69	1,888,158.4233	1,179,857.4757

PROPOSED BUSWAY				
POT		600+00.00	1888047.3792	1179791.3413
PC	BUSWAY-1	600+41.83	1888052.9678	1179832.7975
PI	BUSWAY-1	600+89.86	1888059.3849	1179880.4000
PT	BUSWAY-1	601+13.43	1888105.7056	1179867.6892
POT		601+69.57	1888159.8527	1179852.8307

ROADWAY DETAIL - EXISTING MCCORMICK PLACE BUSWAY REMOVAL LIMITS
 *ALL STATIONING BASED ON PROPOSED B BUSWAY

FILE NAME = D:\60178-Sht-RoadDetail\60178A.dgn



USER NAME = HENADC	DESIGNED - CRH	REVISED -
PLOT SCALE = 10.0000' / 1" IN.	DRAWN - CRH	REVISED -
PLOT DATE = 11/20/2014	CHECKED - MJE	REVISED -
	DATE - 11/14/2014	REVISED -

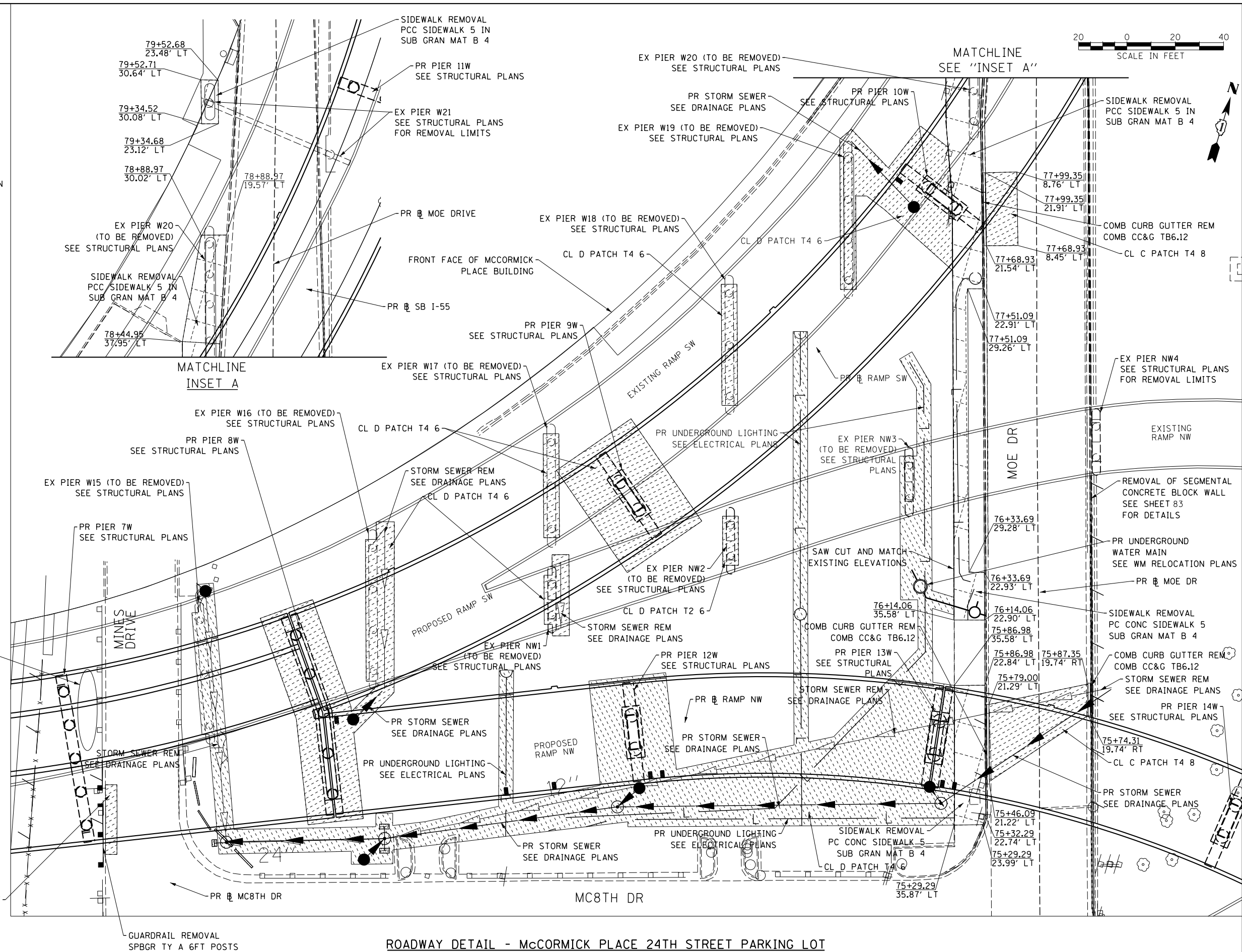
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ROADWAY DETAILS MCCORMICK PLACE BUSWAY	
SCALE:	SHEET NO. 7A OF 18 SHEETS STA. TO STA.

F.A.I. RTE. = 55	SECTION = 2010-080-B	COUNTY = COOK	TOTAL SHEETS = 886	SHEET NO. = 72A
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				

NOTES:

1. ALL STATION AND OFFSETS ARE BASED ON MOE DR. BASELINE.
2. CONTRACTOR SHALL FIELD VERIFY EXISTING PAVEMENT THICKNESS BEFORE PLACING PATCH.
3. MATCH EXISTING TOP OF CURB AND MEDIAN SURFACE ELEVATIONS AT TIE-INS.
4. 1/2" PREFORMED JOINT FILLER SHALL BE USED AT ALL JOINTS BETWEEN PROPOSED PCC AND EXISTING PCC ELEMENTS. COST OF PJF TO BE INCLUDED IN THE COST OF PROPOSED PCC ELEMENTS.
5. CONTRACTOR SHALL COORDINATE WITH EUGENE HARDISON OF MCCORMICK PLACE TO COORDINATE RELOCATION OF TEMPORARY CONCRETE BARRIER STOCKPILE. COST TO BE PAID FOR AS "RELOCATE TEMPORARY CONCRETE BARRIER".



PAVEMENT RESTORATION LIMITS

RELOCATE TEMPORARY CONCRETE BARRIER 800' SEE NOTE 5

ROADWAY DETAIL - MCCORMICK PLACE 24TH STREET PARKING LOT

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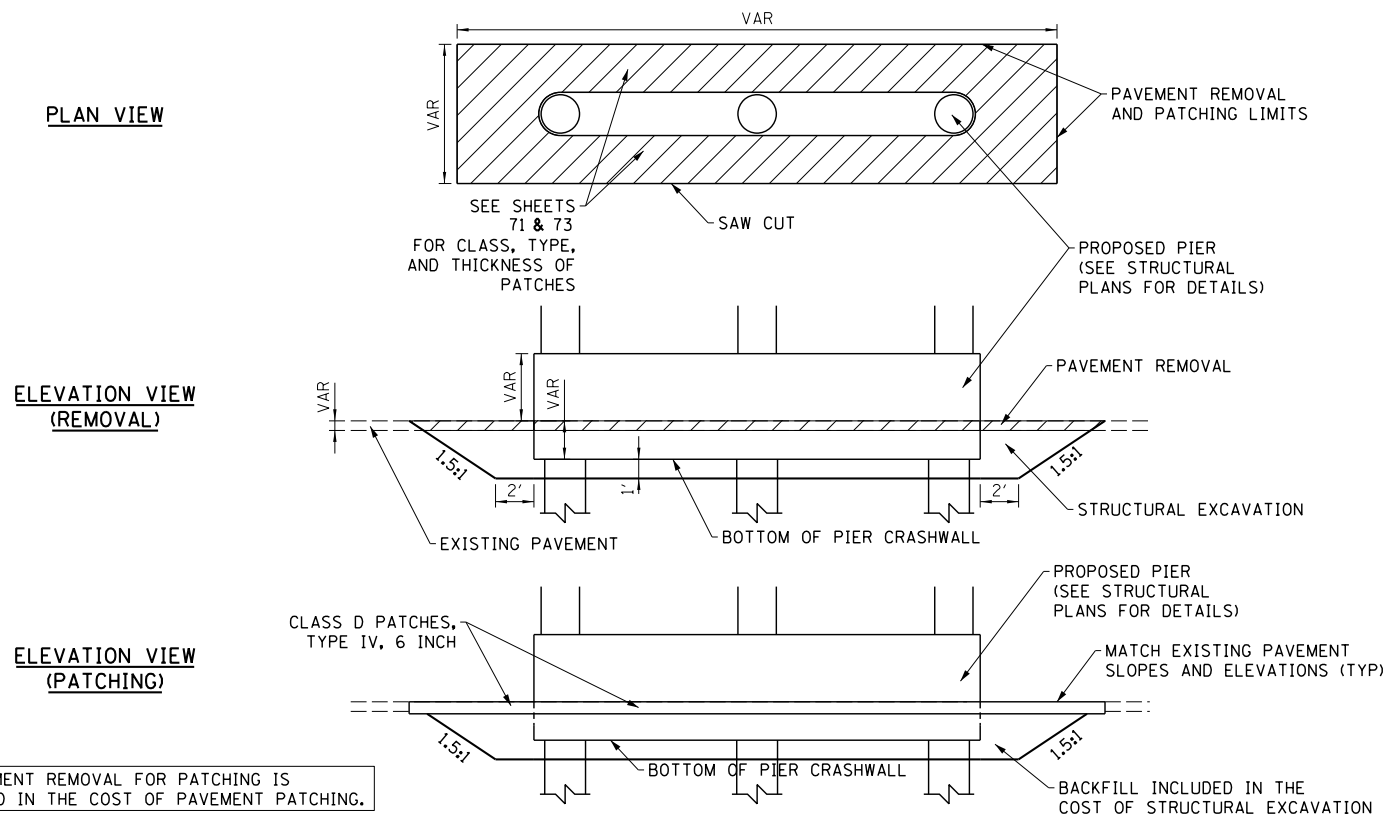


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DRAWN - NSA	REVISIONS -	
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PLOT DATE = 11/19/2014	DATE - 11/14/2014	REVISIONS -

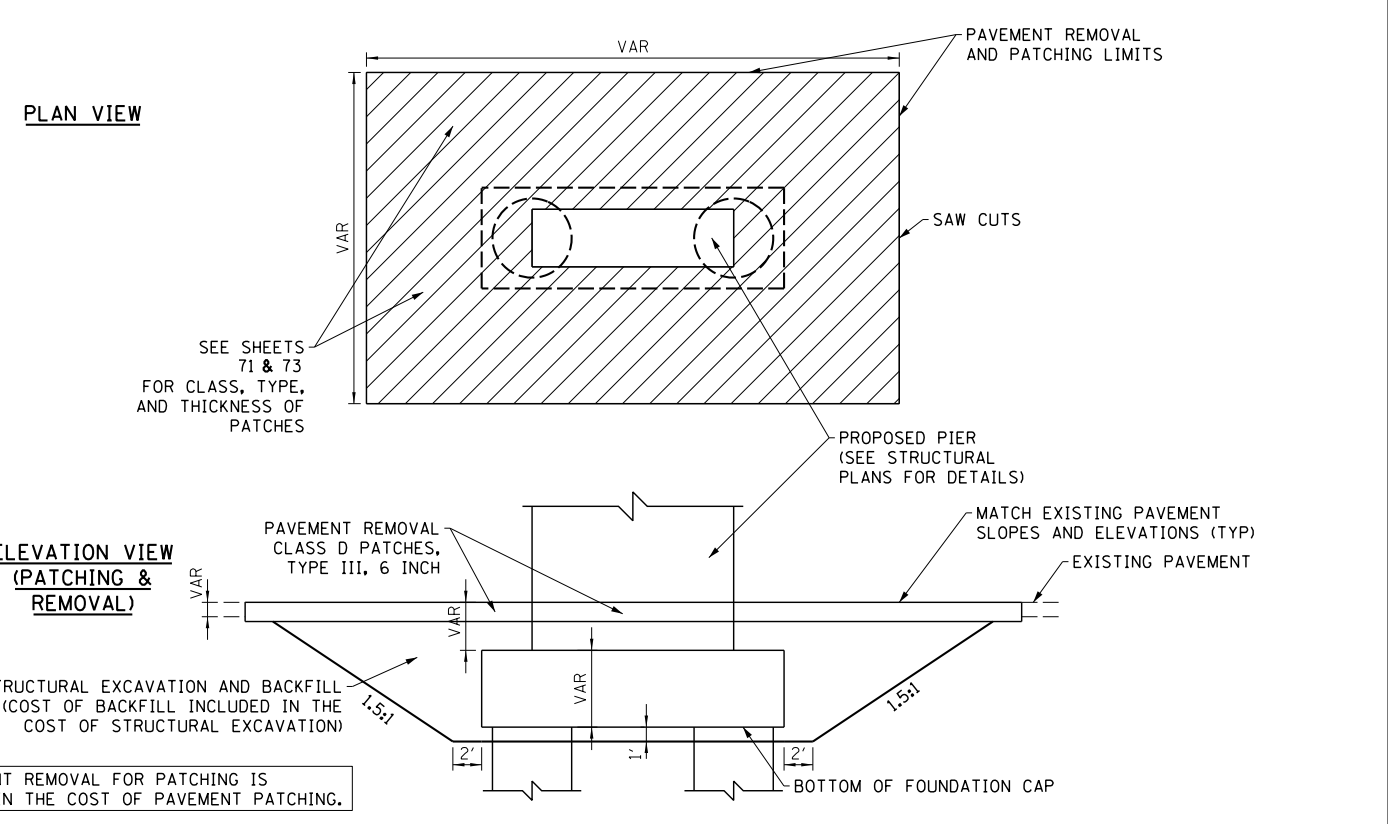
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY DETAILS	
MCCORMICK PLACE 24TH STREET PARKING LOT	
SCALE:	SHEET NO. 8 OF 18 SHEETS STA. TO STA.

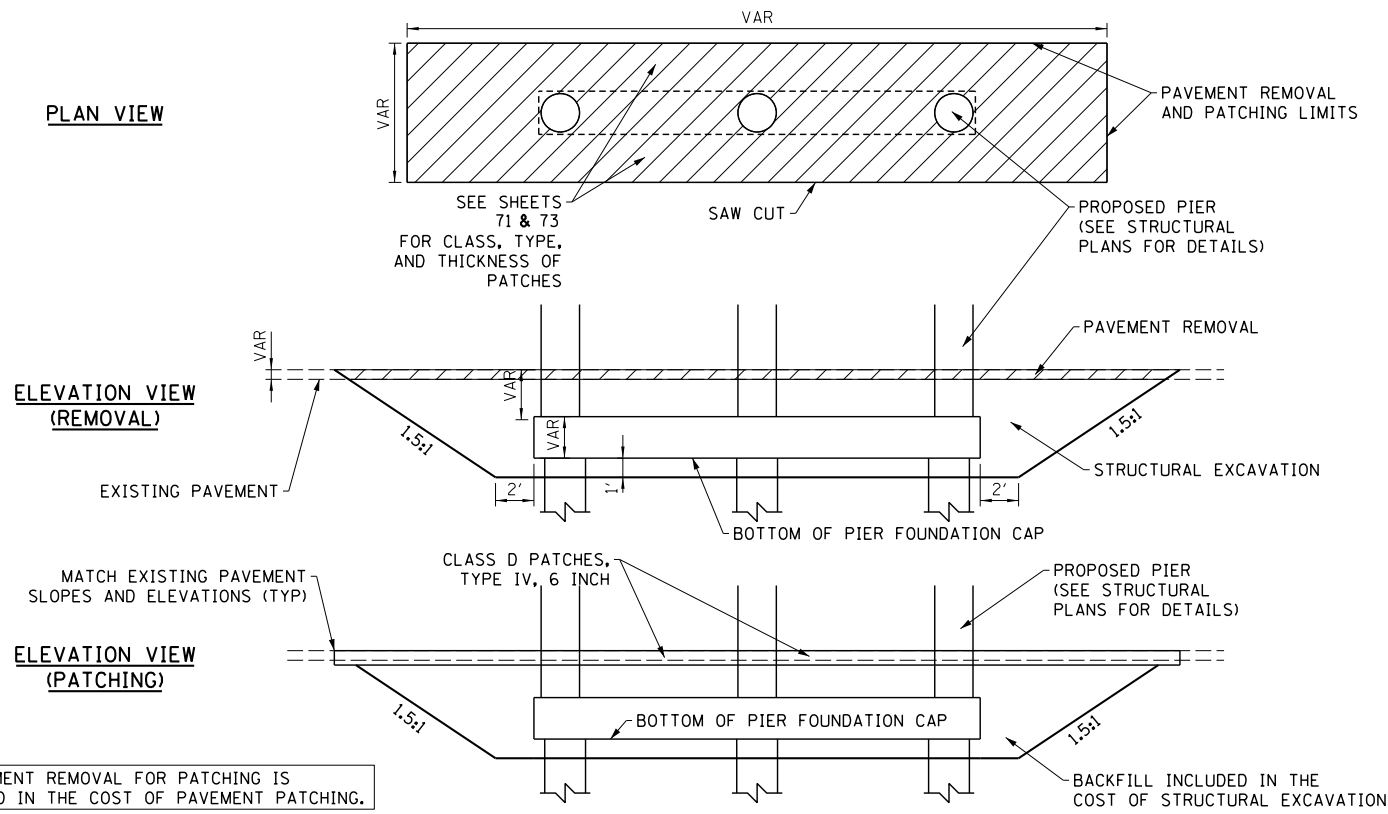
F.A.I. RTE. 55	SECTION 2010-080-B	COUNTY COOK	TOTAL SHEETS 886	SHEET NO. 73
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				



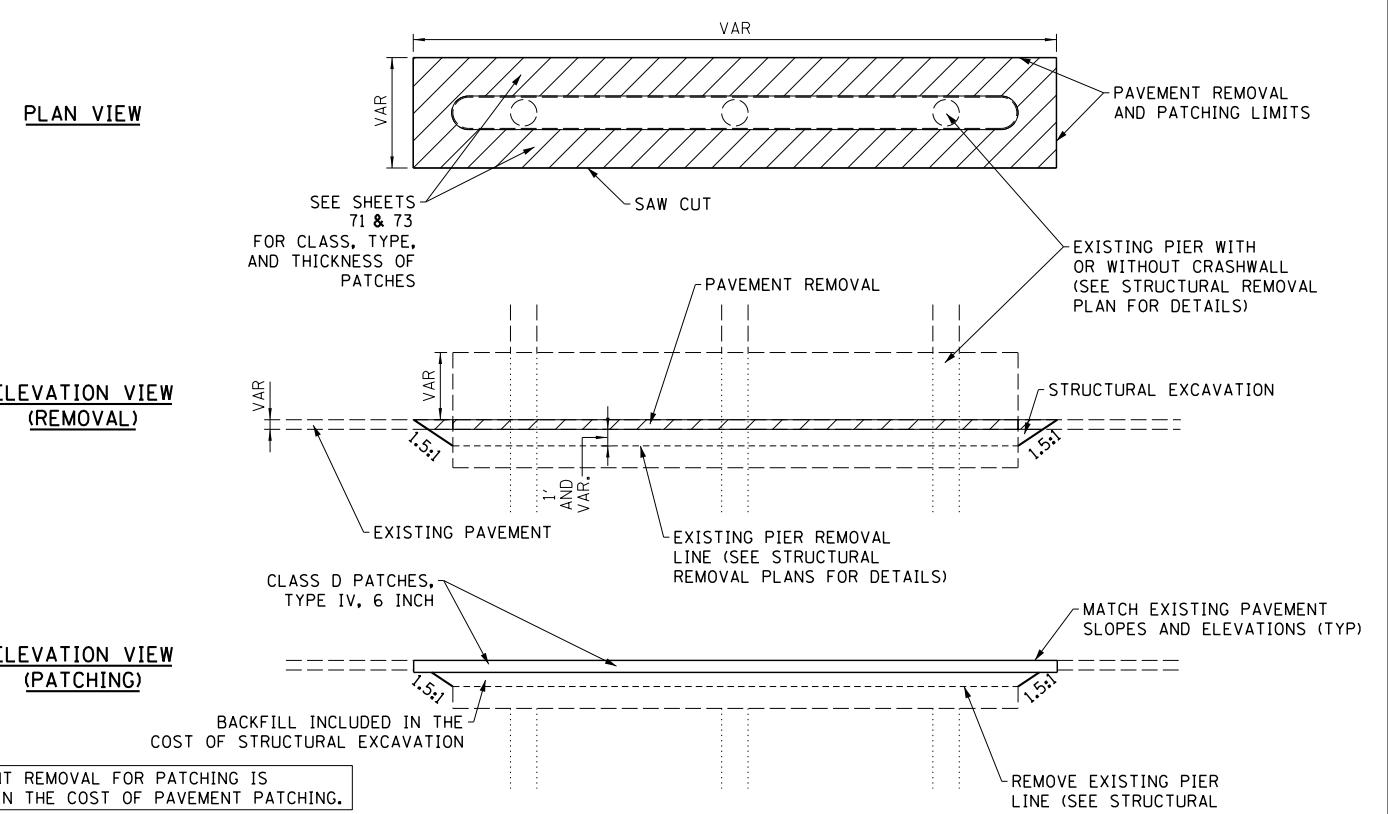
MULTI-COLUMN PIER WITH CRASHWALL PATCHING DETAIL
 LOCATIONS AS SHOWN IN ROADWAY DETAILS
 SEE STRUCTURAL PLANS FOR PIER DIMENSIONS
 DETAIL NOT DRAWN TO SCALE



WIDE WALL HAMMERHEAD PIER PATCHING DETAIL
 LOCATIONS AS SHOWN IN ROADWAY DETAILS
 SEE STRUCTURAL PLANS FOR PIER DIMENSIONS
 DETAIL NOT DRAWN TO SCALE



MULTI-COLUMN PIER WITHOUT CRASHWALL PATCHING DETAIL
 LOCATIONS AS SHOWN IN ROADWAY DETAILS
 SEE STRUCTURAL PLANS FOR PIER DIMENSIONS
 DETAIL NOT DRAWN TO SCALE



EXISTING PIER PATCHING DETAIL
 LOCATIONS AS SHOWN IN ROADWAY DETAILS
 SEE EXISTING STRUCTURAL PLANS FOR PIER DIMENSIONS
 DETAIL NOT DRAWN TO SCALE

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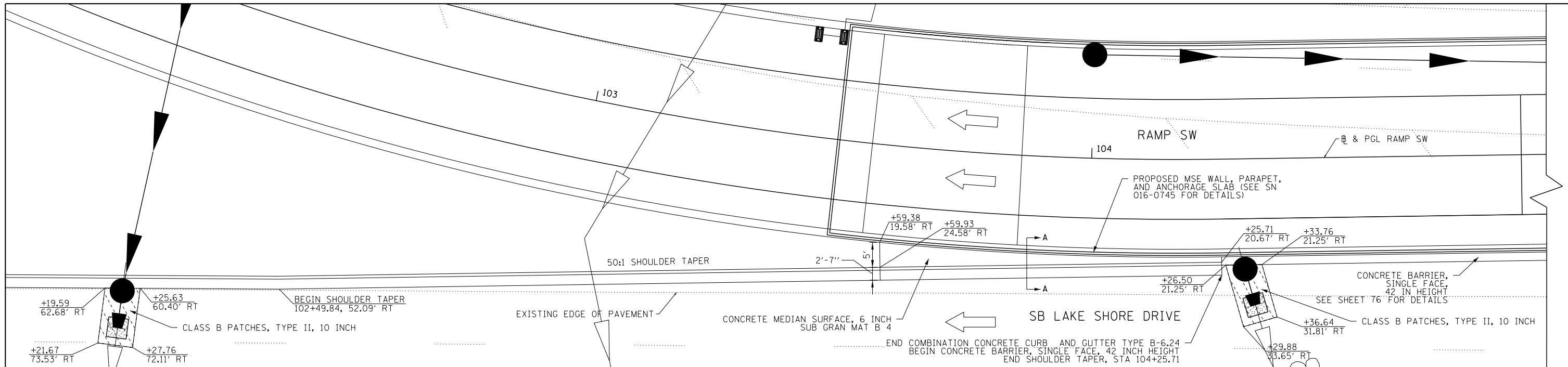


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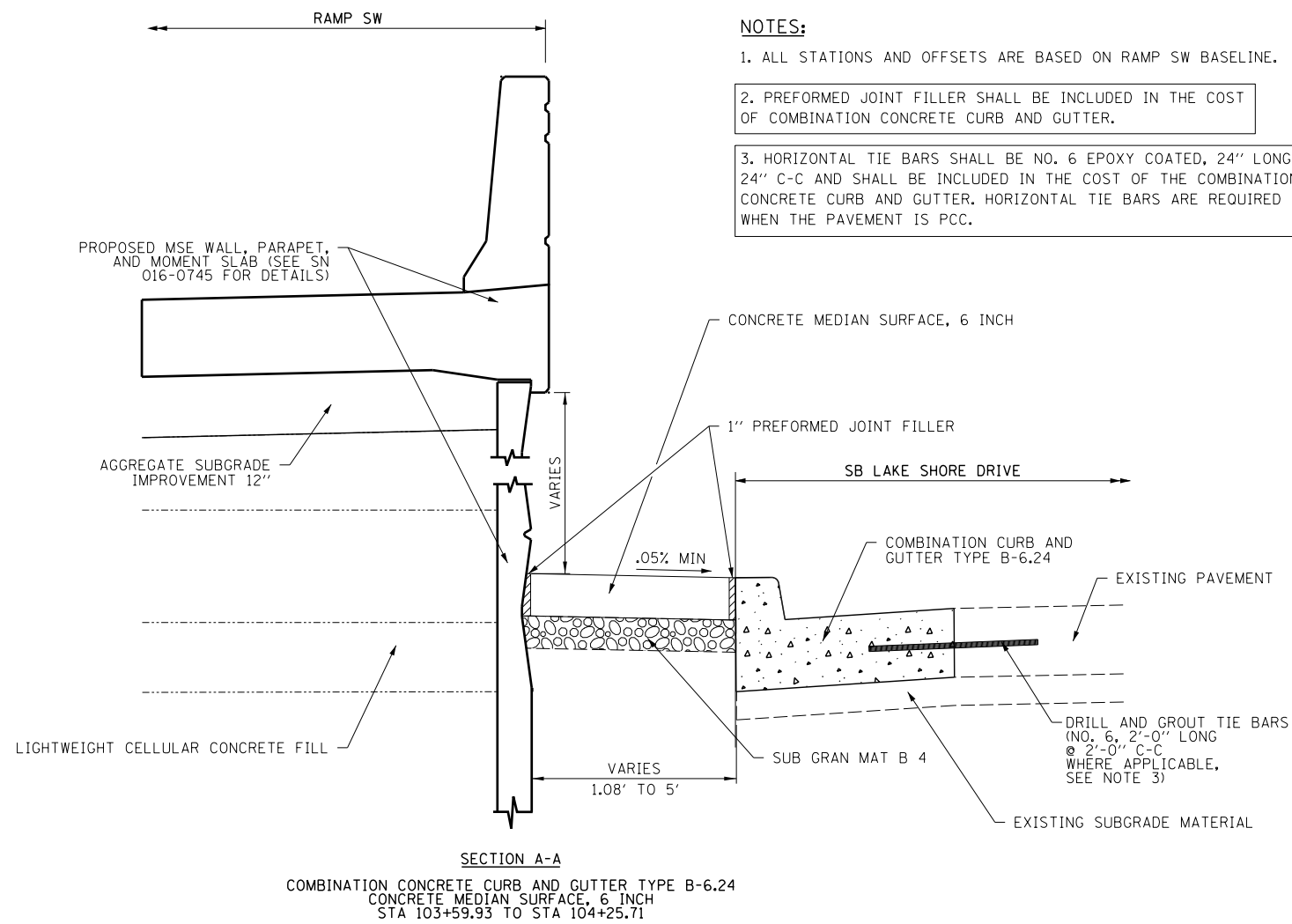
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ROADWAY DETAILS PIER PATCHING DETAILS	
SCALE:	SHEET NO. 9 OF 18 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	74
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				

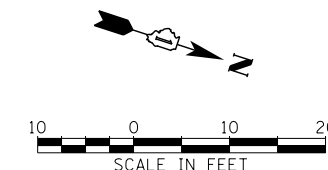


PLAN VIEW



NOTES:

1. ALL STATIONS AND OFFSETS ARE BASED ON RAMP SW BASELINE.
2. PREFORMED JOINT FILLER SHALL BE INCLUDED IN THE COST OF COMBINATION CONCRETE CURB AND GUTTER.
3. HORIZONTAL TIE BARS SHALL BE NO. 6 EPOXY COATED, 24" LONG, 24" C-C AND SHALL BE INCLUDED IN THE COST OF THE COMBINATION CONCRETE CURB AND GUTTER. HORIZONTAL TIE BARS ARE REQUIRED WHEN THE PAVEMENT IS PCC.



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	DATE - 11/14/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS
RAMP SW 1 OF 4

SCALE: SHEET NO. 10 OF 18 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	75
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				

NOTES:

1. EXPANSION JOINTS SHOWN ON THIS DRAWING SHALL BE PREFORMED JOINT MATERIAL (BITUMINOUS TYPE) FILLER AND SHALL MEET THE REQUIREMENTS OF AASHTO M-33 AND IN ACCORDANCE WITH SECTION 1051 OF THE STANDARD SPECIFICATIONS.

2. ALL WORK AND MATERIALS DETAILED HEREIN SHALL BE INCLUDED IN THE COST OF THE VARIOUS CONCRETE BARRIER PAY ITEMS UNLESS OTHERWISE NOTED.

3. PREFORMED JOINT FILLER SHALL BE INCLUDED IN THE COST OF OF CONCRETE BARRIER OR CONCRETE BARRIER TRANSITION.

4. JOINTS SHALL BE CONSTRUCTED AS SHOWN ON THE PLANS AND IN ACCORDANCE WITH ARTICLE 637.08 OF THE STANDARD SPECIFICATIONS

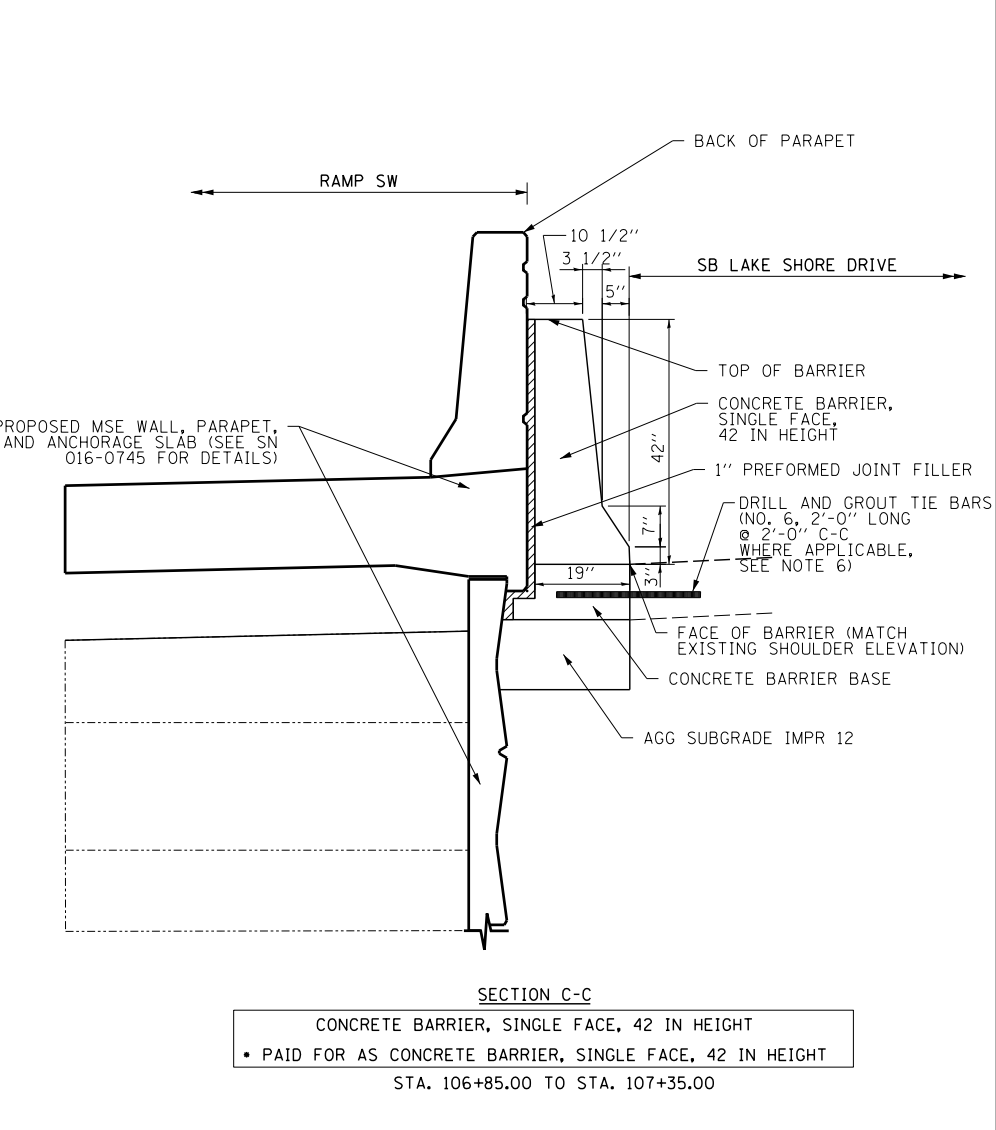
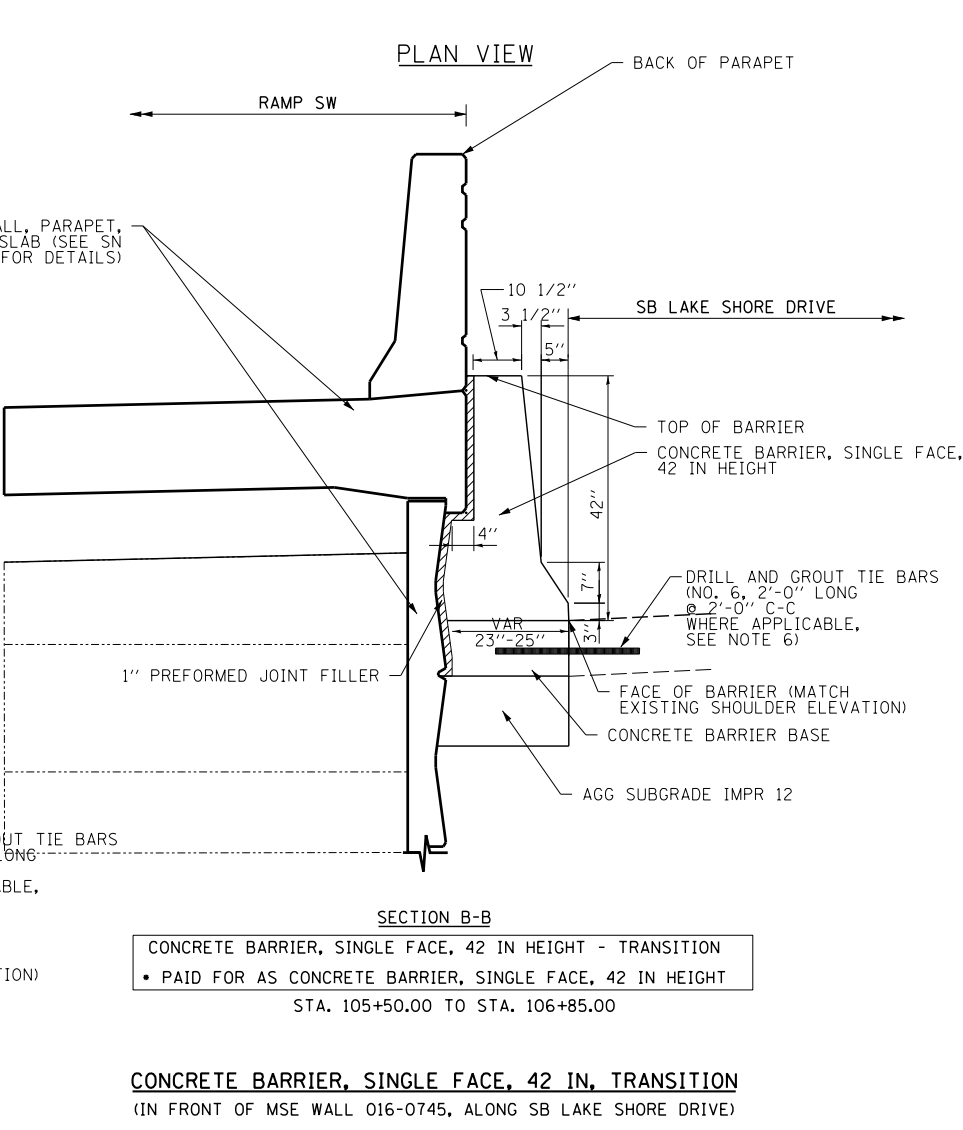
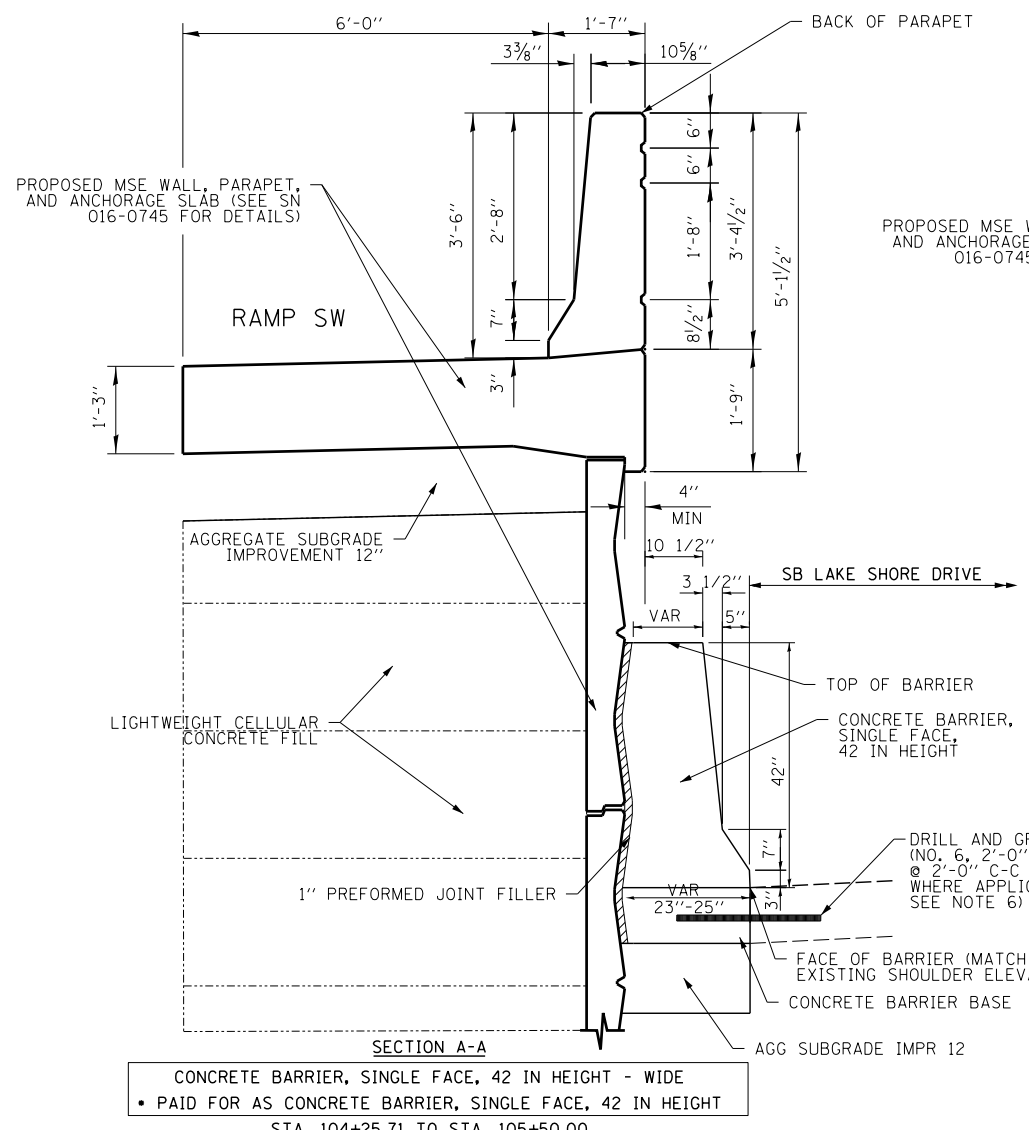
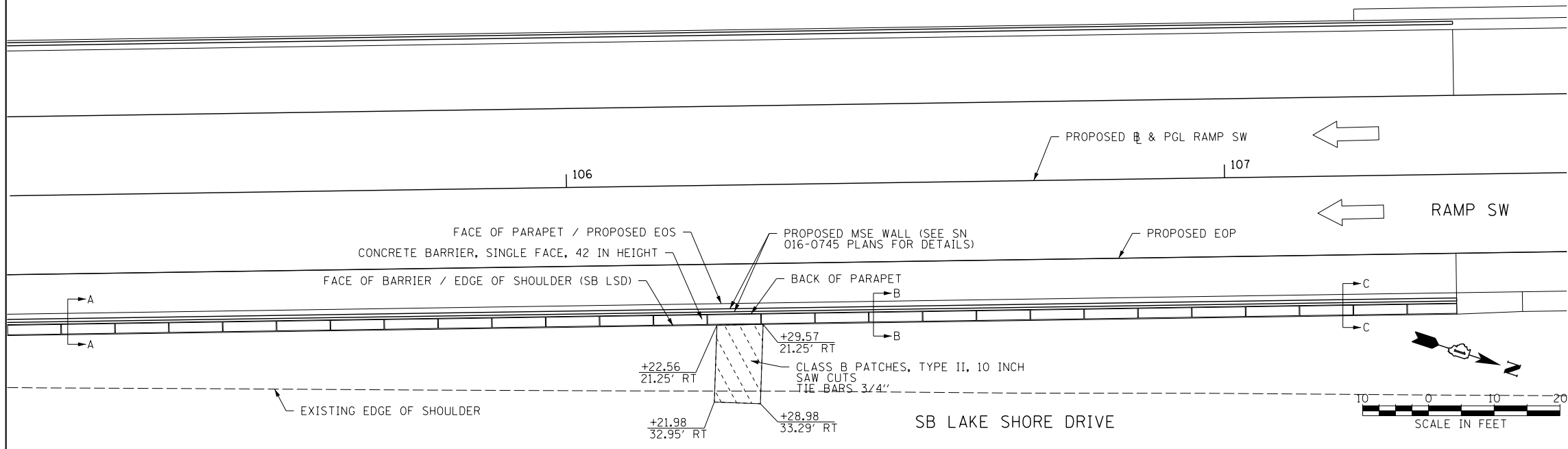
5. TWO VERTICAL EPOXY COATED, NO. 8 TIE BARS, 10" LONG, SHALL BE PLACED STAGGERED FRONT TO BACK OF THE BARRIER WALL AT 48" CENTERS ALONG THE CONCRETE BARRIER TRANSITION. TIE BARS SHALL BE INCLUDED IN THE COST OF CONCRETE BARRIER TRANSITION.

6. HORIZONTAL TIE BARS SHALL BE NO. 6 EPOXY COATED, 24" LONG, 24" C-C AND SHALL BE INCLUDED IN THE COST OF THE CONCRETE BARRIER BASE. HORIZONTAL TIE BARS ARE REQUIRED WHEN ADJACENT PAVEMENT IS PCC.

7. EXPANSION JOINTS SHALL BE CONSTRUCTED IN BARRIER WALL AT MAXIMUM JOINT SPACING OF 90 FEET.

8. VERTICAL TIE BARS ARE REQUIRED WHEN CONCRETE BARRIER AND CONCRETE BARRIER BASE ARE NOT POURED MONOLITHICALLY.

9. ALL STATIONS AND OFFSETS ARE BASED ON RAMP SW BASELINE.



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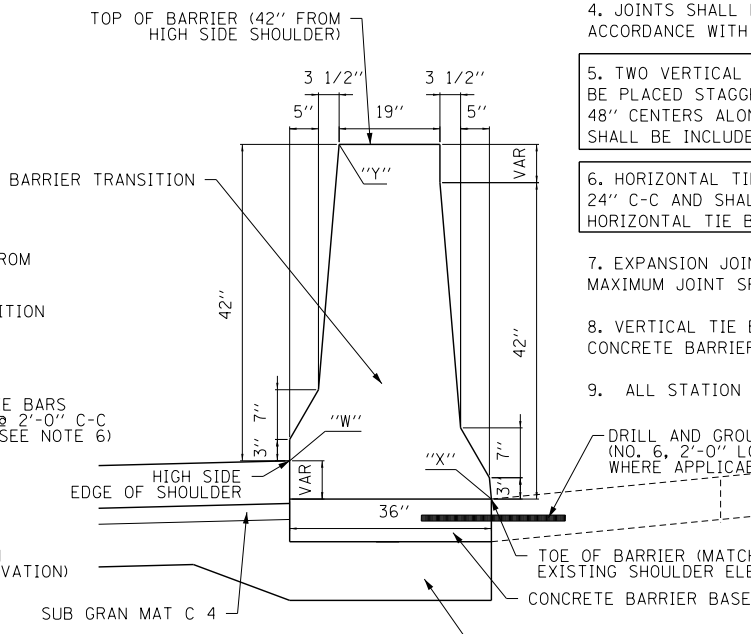
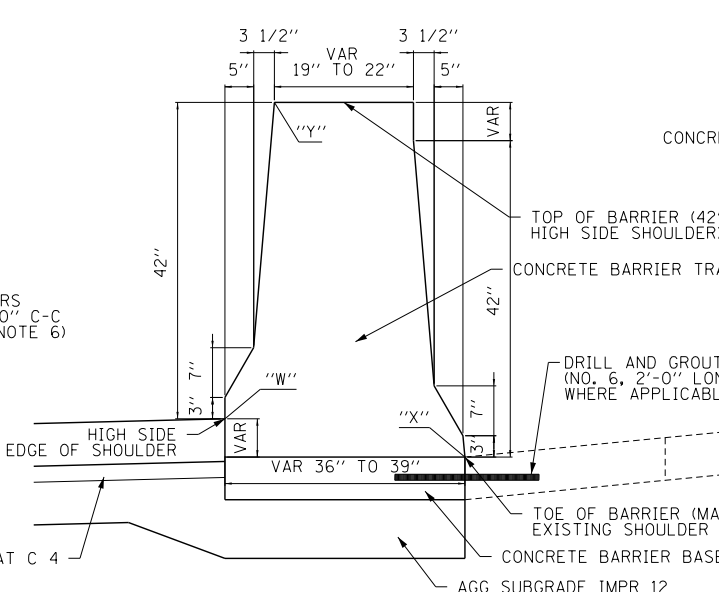
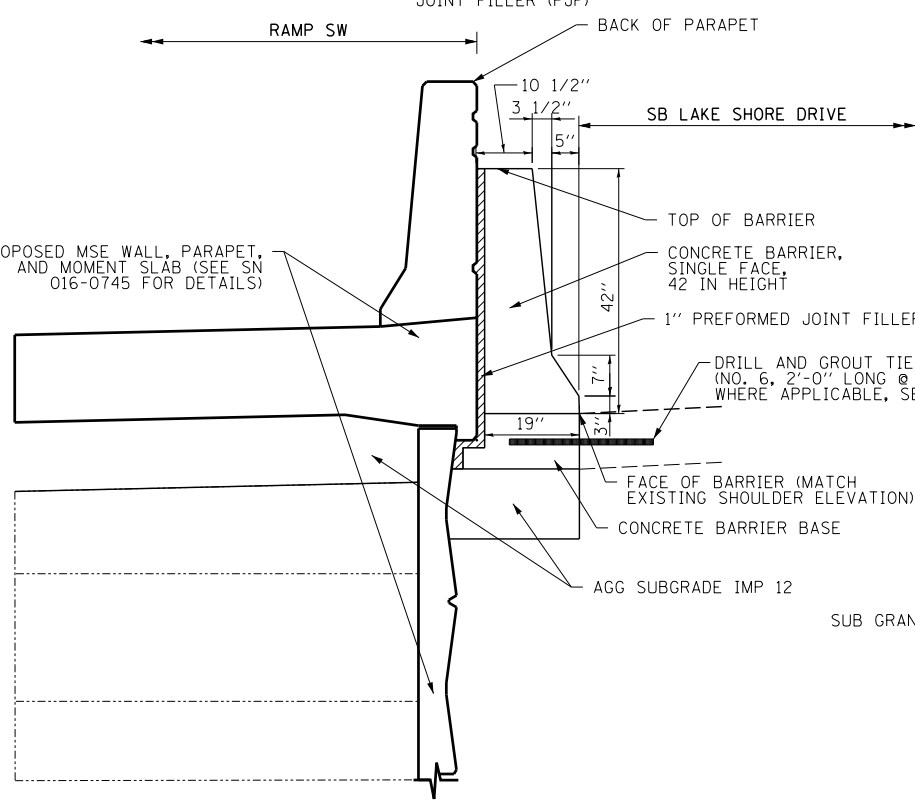
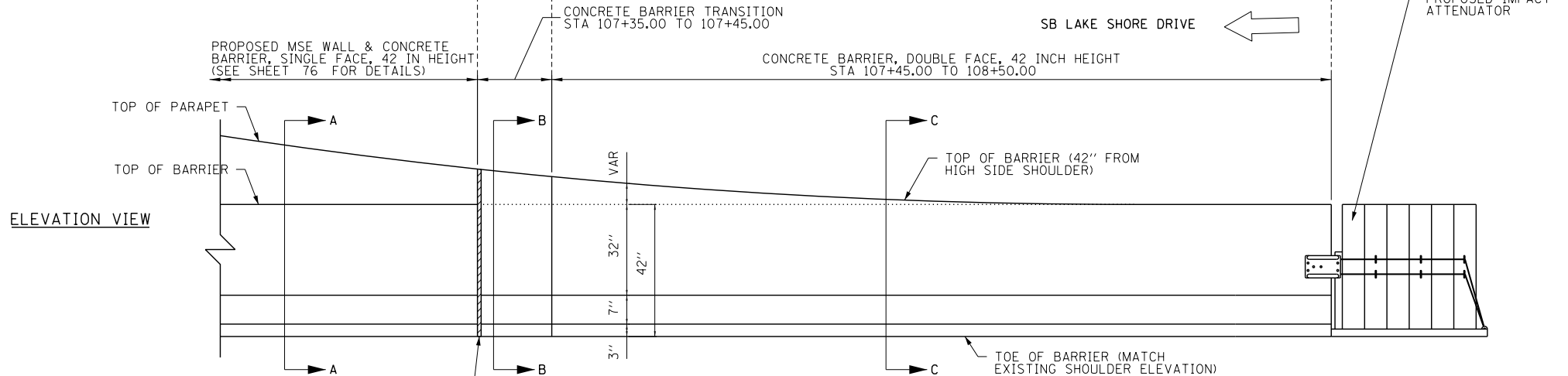
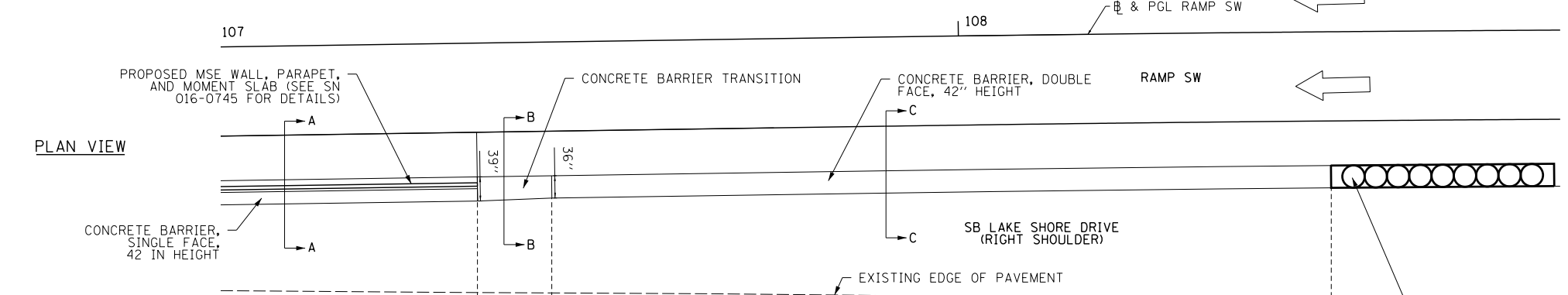
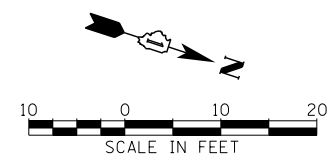
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY DETAILS
RAMP SW 2 OF 4**

SCALE: SHEET NO. 11 OF 18 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	76
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				



CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT DETAILS					
STA RAMP SW	W		X		Y = TOP OF WALL
	ELEV.	O/S	ELEV.	O/S	ELEV.
107+35.00	603.92	18.00	603.19	21.25	607.42
107+40.00	603.85	18.00	603.19	21.13	607.35
107+45.00	603.79	18.00	603.19	21.00	607.29
107+50.00	603.73	18.00	603.20	21.00	607.23
107+60.00	603.62	18.00	603.20	21.00	607.12
107+70.00	603.51	18.00	603.19	21.00	607.01
107+80.00	603.42	18.00	603.18	21.00	606.92
107+90.00	603.33	18.00	603.17	21.00	606.83
108+00.00	603.25	18.00	603.16	21.00	606.75
108+10.00	603.17	18.00	603.14	21.00	606.67
108+20.00	603.11	18.00	603.11	21.00	606.61
108+30.00	603.05	18.00	603.08	21.00	606.58
108+40.00	603.00	18.00	603.05	21.00	606.55
108+50.00	602.96	18.00	603.02	21.00	606.52

- NOTES:**
- EXPANSION JOINTS SHOWN ON THIS DRAWING SHALL BE PREFORMED JOINT MATERIAL (BITUMINOUS TYPE) FILLER AND SHALL MEET THE REQUIREMENTS OF AASHTO M-33 AND IN ACCORDANCE WITH SECTION 1051 OF THE STANDARD SPECIFICATIONS.
 - ALL WORK AND MATERIALS DETAILED HEREIN SHALL BE INCLUDED IN THE COST OF THE VARIOUS CONCRETE BARRIER PAY ITEMS UNLESS OTHERWISE NOTED.
 - PREFORMED JOINT FILLER SHALL BE INCLUDED IN THE COST OF OF CONCRETE BARRIER OR CONCRETE BARRIER TRANSITION.
 - JOINTS SHALL BE CONSTRUCTED AS SHOWN ON THE PLANS AND IN ACCORDANCE WITH ARTICLE 637.08 OF THE STANDARD SPECIFICATIONS
 - TWO VERTICAL EPOXY COATED, NO. 8 TIE BARS, 10" LONG, SHALL BE PLACED STAGGERED FRONT TO BACK OF THE BARRIER WALL AT 48" CENTERS ALONG THE CONCRETE BARRIER TRANSITION. TIE BARS SHALL BE INCLUDED IN THE COST OF CONCRETE BARRIER TRANSITION.
 - HORIZONTAL TIE BARS SHALL BE NO. 6 EPOXY COATED, 24" LONG, 24" C-C AND SHALL BE INCLUDED IN THE COST OF THE BARRIER BASE. HORIZONTAL TIE BARS ARE REQUIRED WHEN ADJACENT PAVEMENT IS PCC.
 - EXPANSION JOINTS SHALL BE CONSTRUCTED IN BARRIER WALL AT MAXIMUM JOINT SPACING OF 90 FEET.
 - VERTICAL TIE BARS ARE REQUIRED WHEN CONCRETE BARRIER AND CONCRETE BARRIER BASE ARE NOT POURED MONOLITHICALLY.
 - ALL STATION AND OFFSETS ARE BASED ON RAMP SW BASELINE.

SECTION B-B
 CONCRETE BARRIER TRANSITION
 • PAID FOR AS CONCRETE BARRIER, DOUBLE FACE, 42 IN HEIGHT
 STA. 107+35.00 TO STA. 107+45.00

SECTION C-C
 CONCRETE BARRIER, DOUBLE FACE, 42 IN HEIGHT - VARIABLE CROSS SECTION
 • PAID FOR AS CONCRETE BARRIER, DOUBLE FACE, 42 IN HEIGHT

CONCRETE BARRIER, DOUBLE FACE, 42 IN HEIGHT & CONCRETE BARRIER TRANSITION DETAIL
 (ALONG RAMP SW / SB LAKE SHORE DRIVE)

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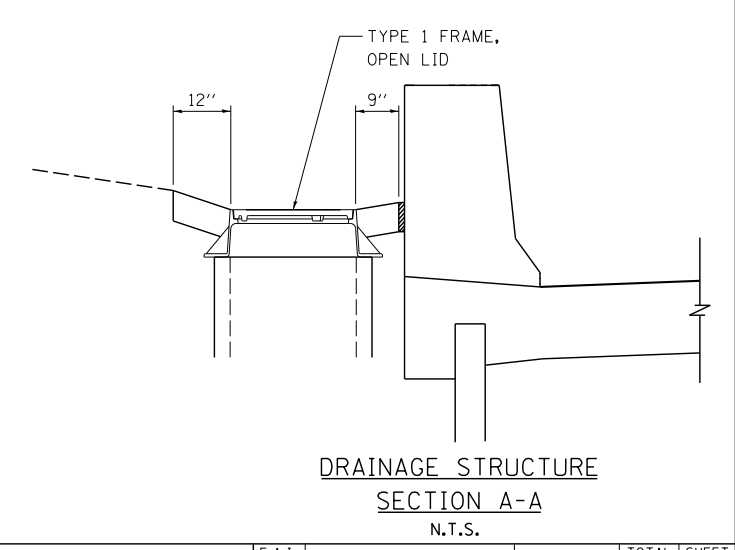
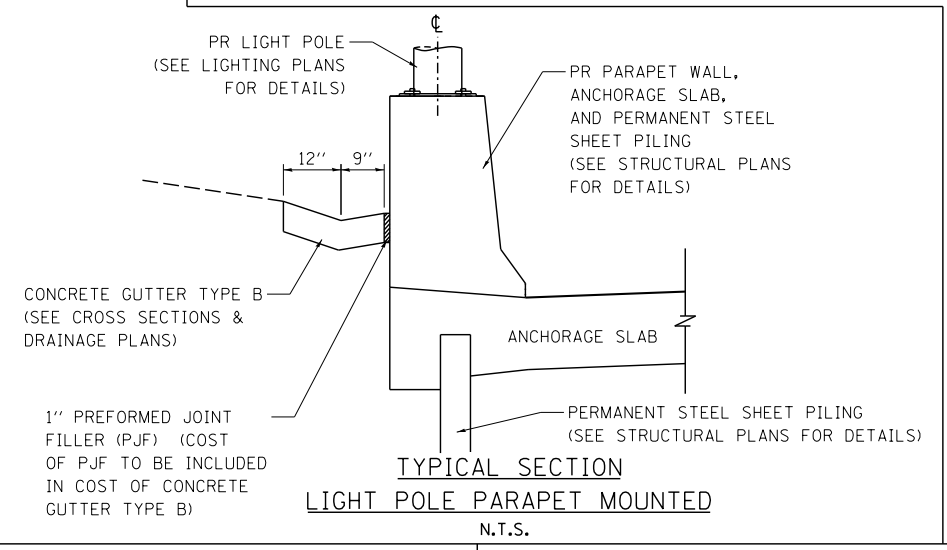
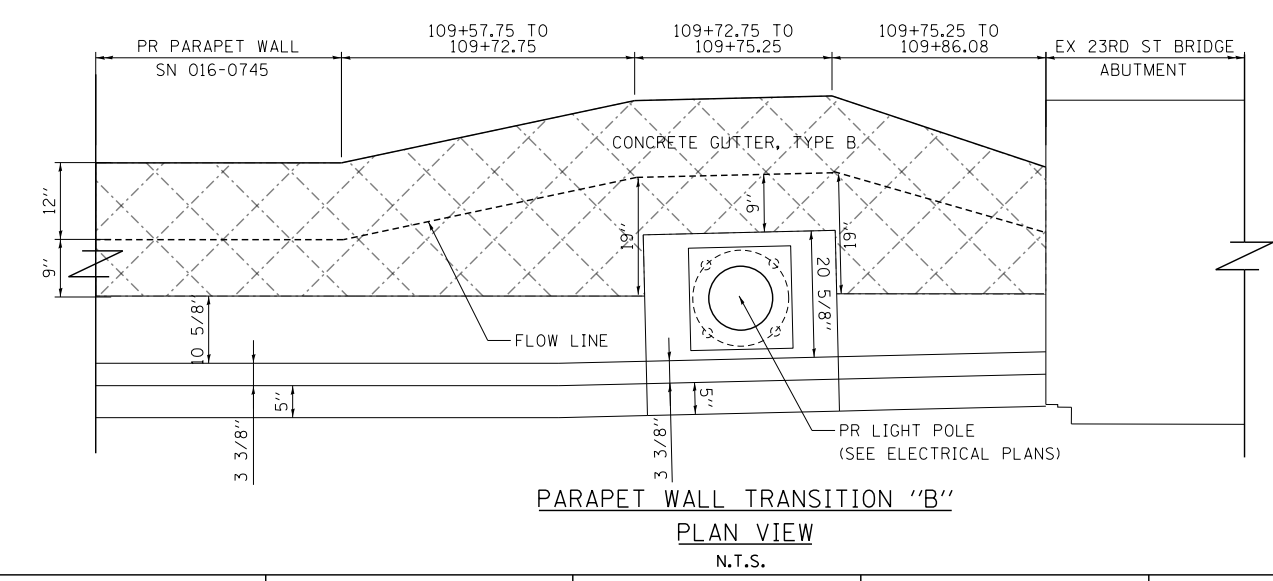
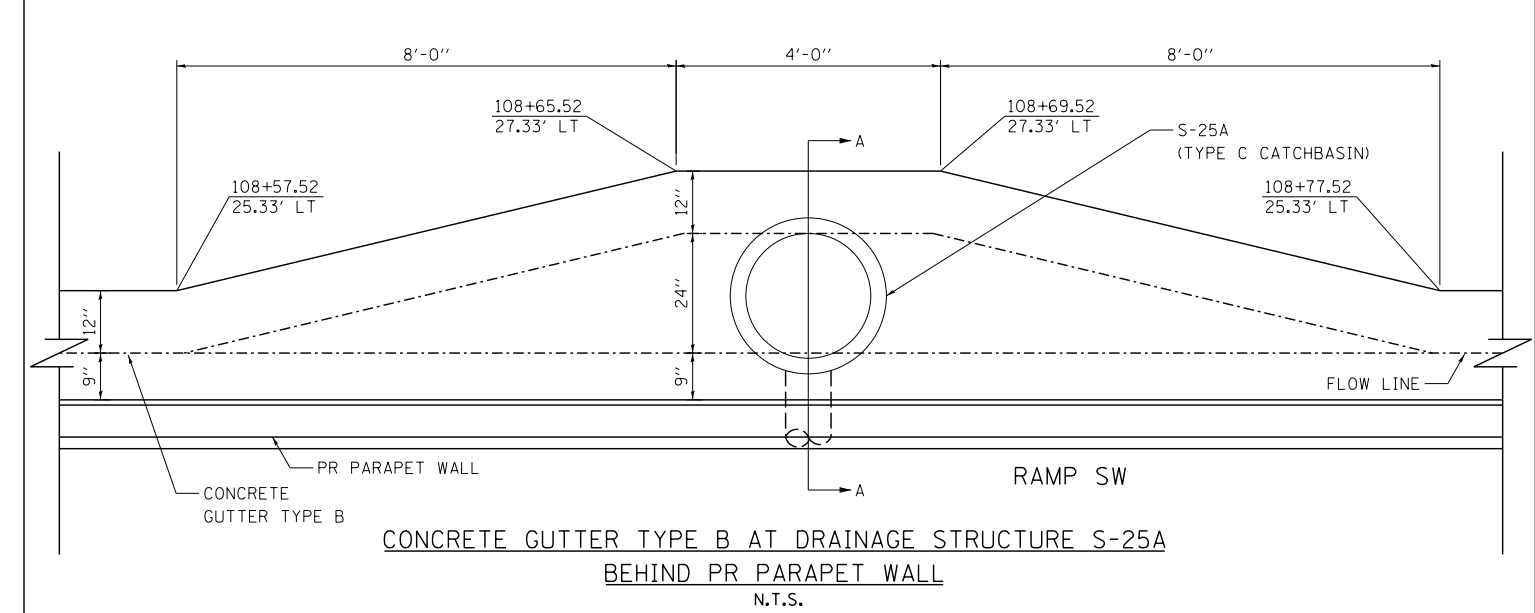
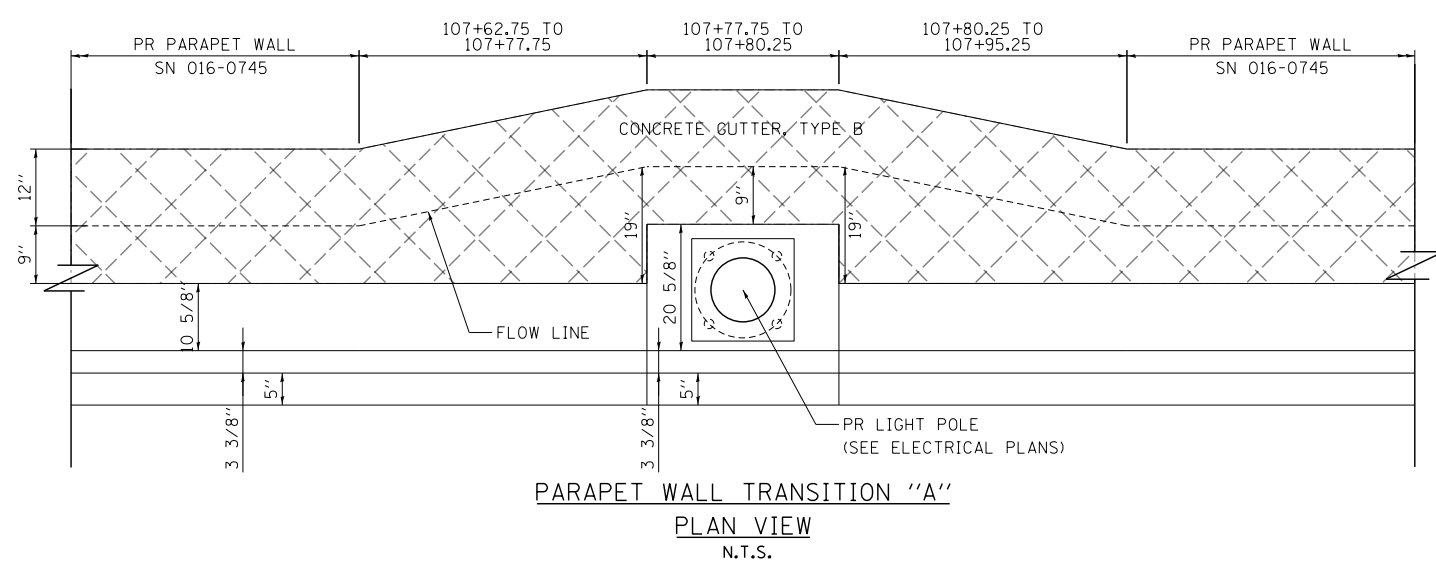
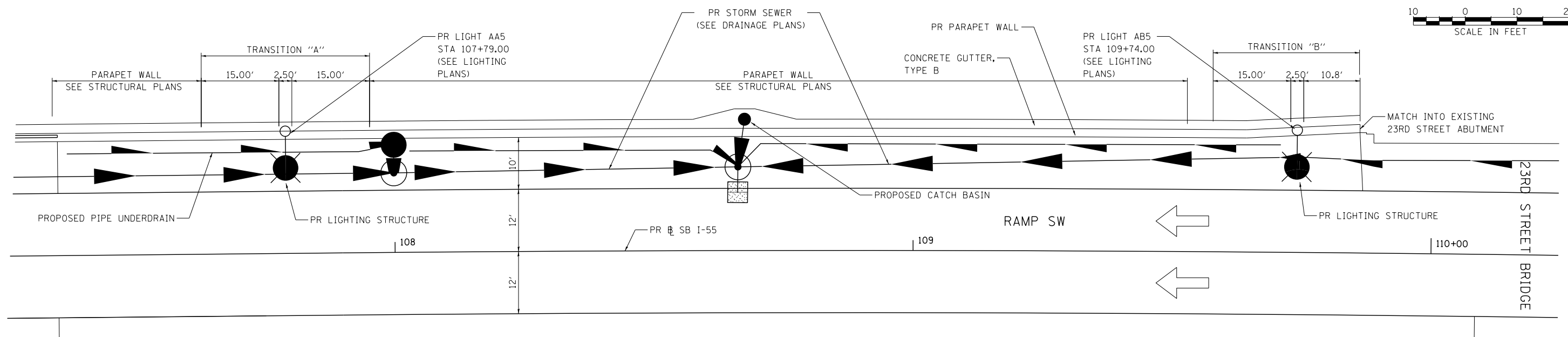
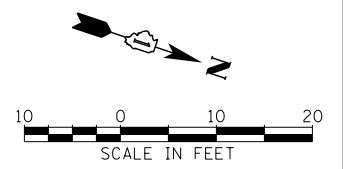
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS RAMP SW 3 OF 4

SCALE: SHEET NO. 12 OF 18 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	77

CONTRACT NO. 60L70
 ILLINOIS FED. AID PROJECT



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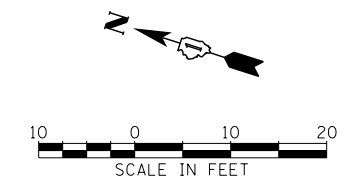
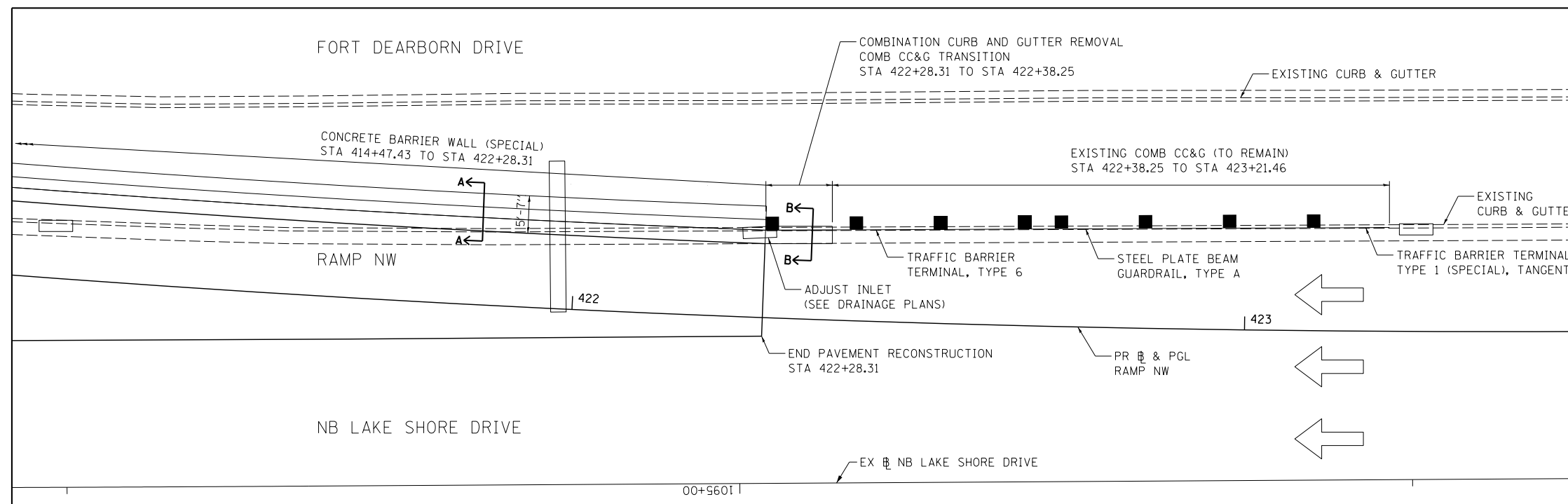
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

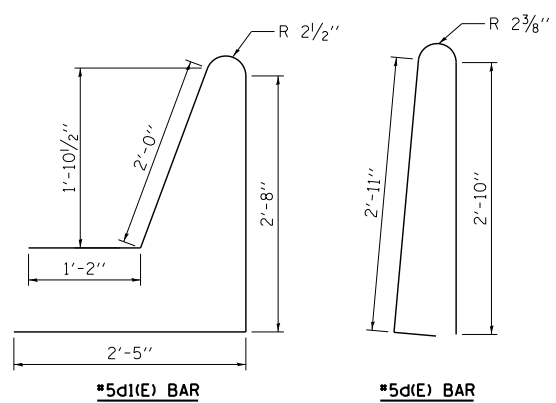
ROADWAY DETAILS
RAMP SW 4 OF 4

SCALE: SHEET NO. 13 OF 18 SHEETS STA. TO STA.

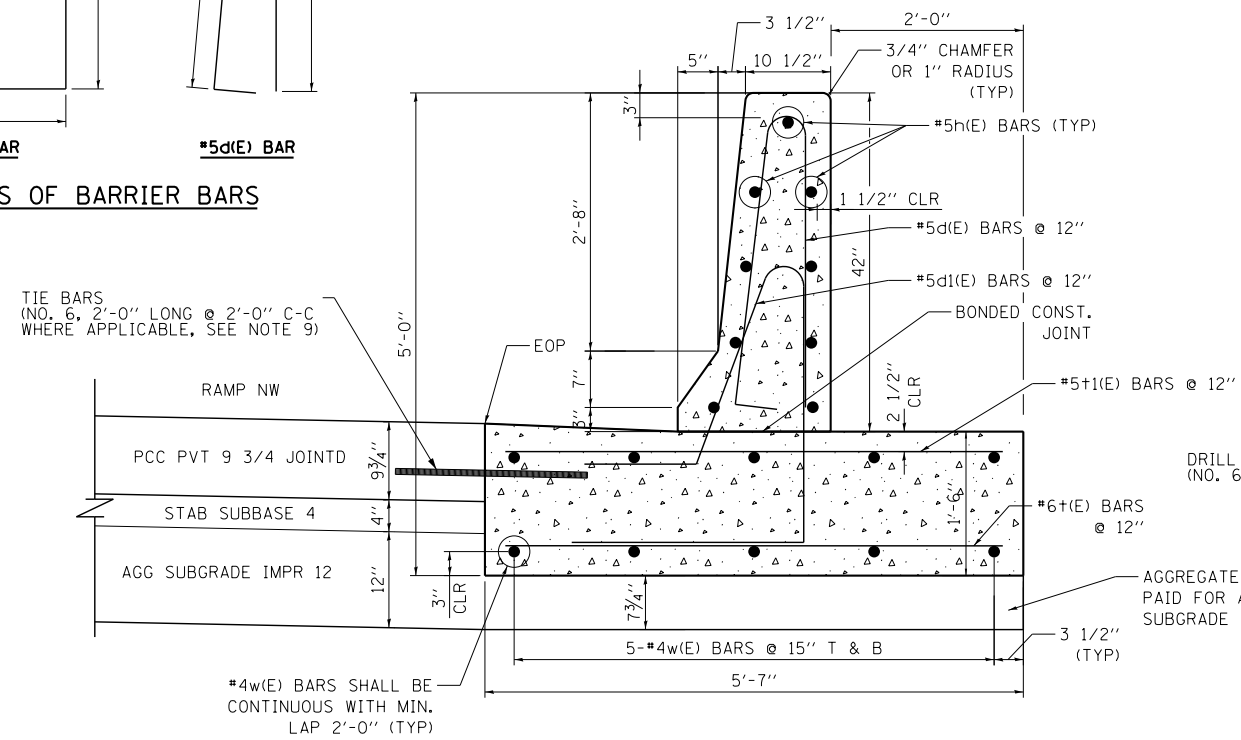
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CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				



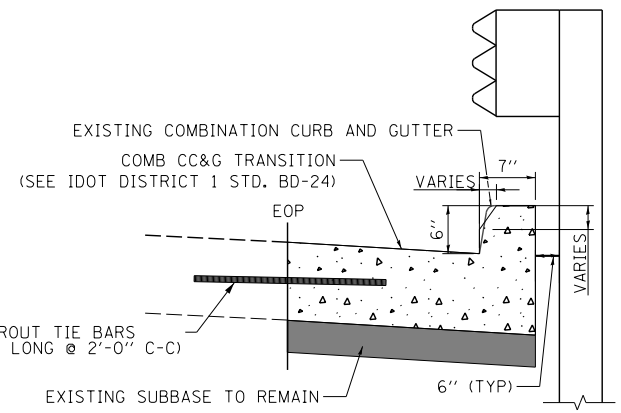
PLAN VIEW



DETAILS OF BARRIER BARS



SECTION A-A
CONCRETE BARRIER WALL (SPECIAL)
STA 414+47.43 TO STA 422+28.31



SECTION B-B
COMB CC&G TRANSITION
STA 422+28.31 TO STA 422+38.25

NOTES:

1. TOP SHOULDER EDGE OF BARRIER BASE GUTTER SHALL MATCH THE TOP OF SHOULDER ELEVATION.
2. 1" DEEP CONTRACTION JOINTS SHALL BE CONSTRUCTED IN BOTH THE REINFORCED CONCRETE BARRIER WALL AND BASE.
3. THE FORMING OF CONTRACTION JOINTS SHALL BE DONE WITH AN APPROVED FINISHING TOOL OR BY SAWING AT THE DISCRETION OF THE ENGINEER SUBJECT TO THE SATISFACTORY CONTROL OF CRACKING.
4. REINFORCING BARS DESIGNATED "E" SHALL BE EPOXY COATED.
5. REINFORCEMENT BENDING DETAILS SHALL BE IN ACCORDANCE WITH THE "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES", ACI 315, LATEST EDITION.
6. REINFORCEMENT BAR BENDING DIMENSIONS ARE OUT TO OUT.
7. CONCRETE BARRIER BASE UNDER CONCRETE BARRIER WALL (SPECIAL) SHALL BE INCLUDED IN THE COST OF "CONCRETE BARRIER WALL (SPECIAL)".
8. COMBINATION CONCRETE CURB AND GUTTER TRANSITION TO BE PAID FOR AS "COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24".
9. HORIZONTAL TIE BARS SHALL BE NO. 6 EPOXY COATED, 24" LONG, 24" C-C AND SHALL BE INCLUDED IN THE COST OF THE BARRIER WALL. HORIZONTAL TIE BARS ARE REQUIRED WHEN ADJACENT PAVEMENT IS PCC.

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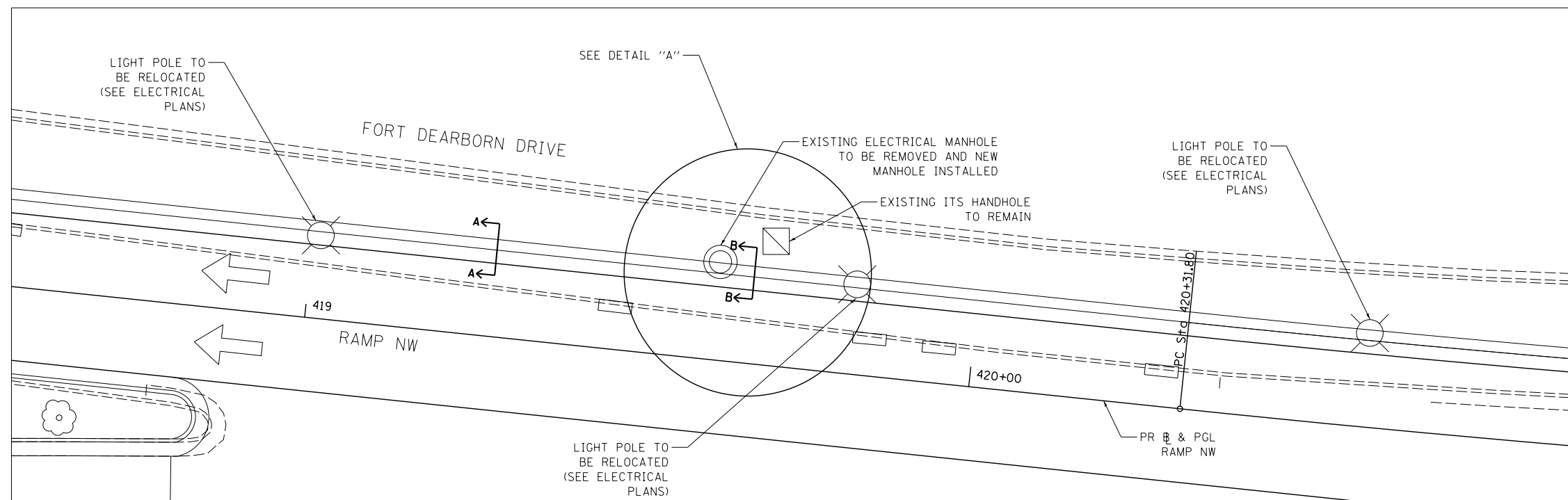
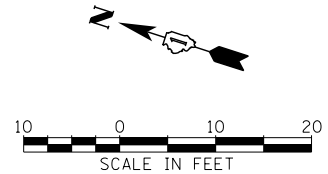


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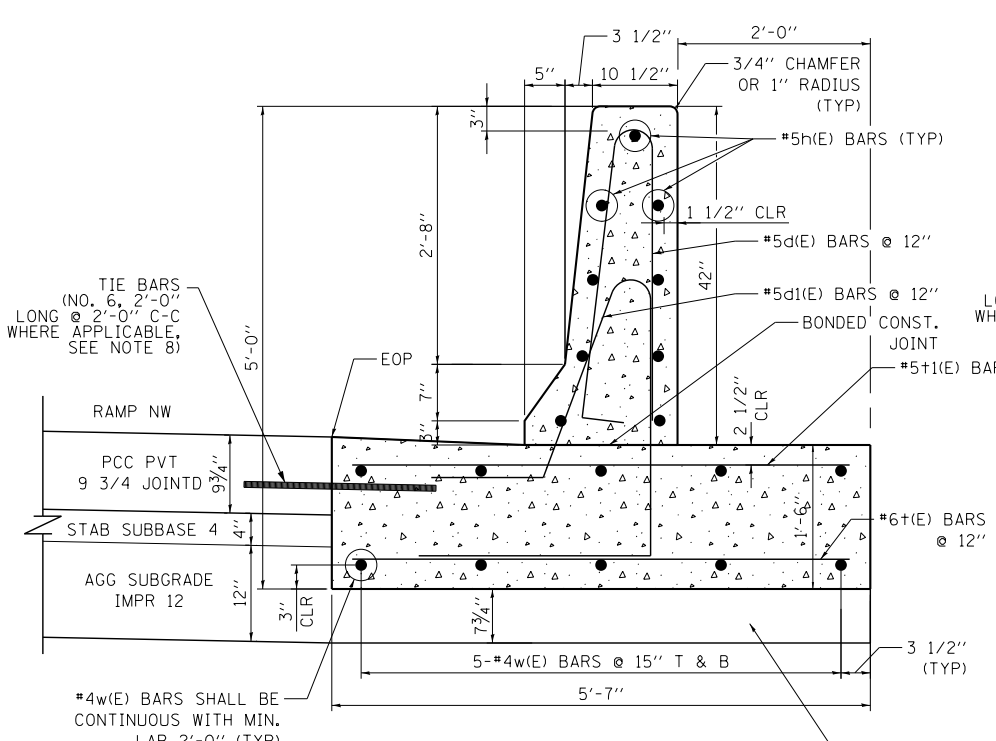
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS	
RAMP NW 1 OF 3	
SCALE:	SHEET NO. 14 OF 18 SHEETS
STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	79
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				

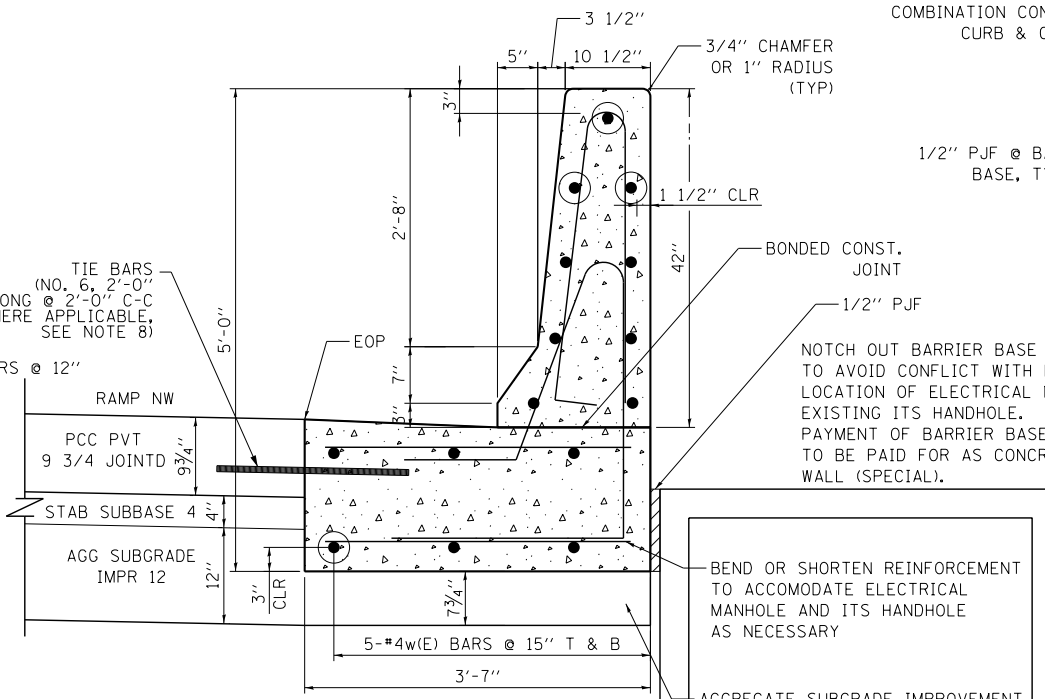


PLAN VIEW



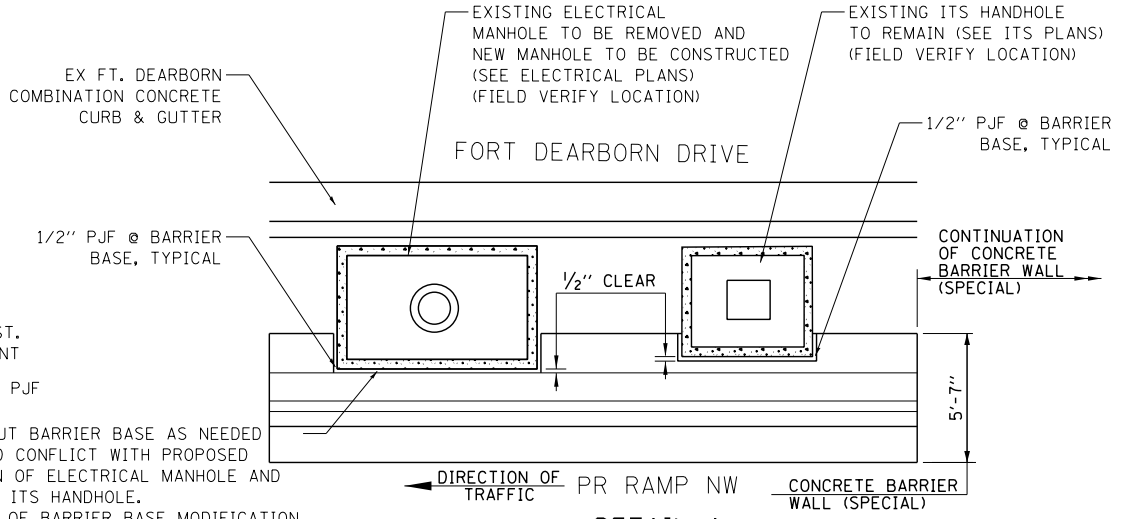
**SECTION A-A
CONCRETE BARRIER WALL (SPECIAL)**

CONTRACTOR TO COORDINATE WITH ELECTRICAL & ITS WORK BEFORE DETERMINING STATION RANGE OF BARRIER BASE MODIFICATIONS. STATION RANGE TO BE APPROVED BY FIELD ENGINEER.



**SECTION B-B
CONCRETE BARRIER WALL (SPECIAL)**

CONTRACTOR TO COORDINATE WITH ELECTRICAL & ITS WORK BEFORE DETERMINING STATION RANGE OF BARRIER BASE MODIFICATIONS. STATION RANGE TO BE APPROVED BY FIELD ENGINEER.



DETAIL A

NOTES:

- TOP SHOULDER EDGE OF BARRIER BASE GUTTER SHALL MATCH THE TOP OF SHOULDER ELEVATION.
- 1" DEEP CONTRACTION JOINTS SHALL BE CONSTRUCTED IN BOTH THE REINFORCED CONCRETE BARRIER WALL AND BASE.
- THE FORMING OF CONTRACTION JOINTS SHALL BE DONE WITH AN APPROVED FINISHING TOOL OR BY SAWING AT THE DISCRETION OF THE ENGINEER SUBJECT TO THE SATISFACTORY CONTROL OF CRACKING.
- REINFORCING BARS DESIGNATED "E" SHALL BE EPOXY COATED.
- REINFORCEMENT BENDING DETAILS SHALL BE IN ACCORDANCE WITH THE "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES", ACI 315, LATEST EDITION.
- REINFORCEMENT BAR BENDING DIMENSIONS ARE OUT TO OUT.
- CONCRETE BARRIER BASE UNDER CONCRETE BARRIER WALL (SPECIAL) SHALL BE INCLUDED IN THE COST OF "CONCRETE BARRIER WALL (SPECIAL)".
- HORIZONTAL TIE BARS SHALL BE NO. 6 EPOXY COATED, 24" LONG, 24" C-C AND SHALL BE INCLUDED IN THE COST OF THE BARRIER WALL. HORIZONTAL TIE BARS ARE REQUIRED WHEN ADJACENT PAVEMENT IS PCC.

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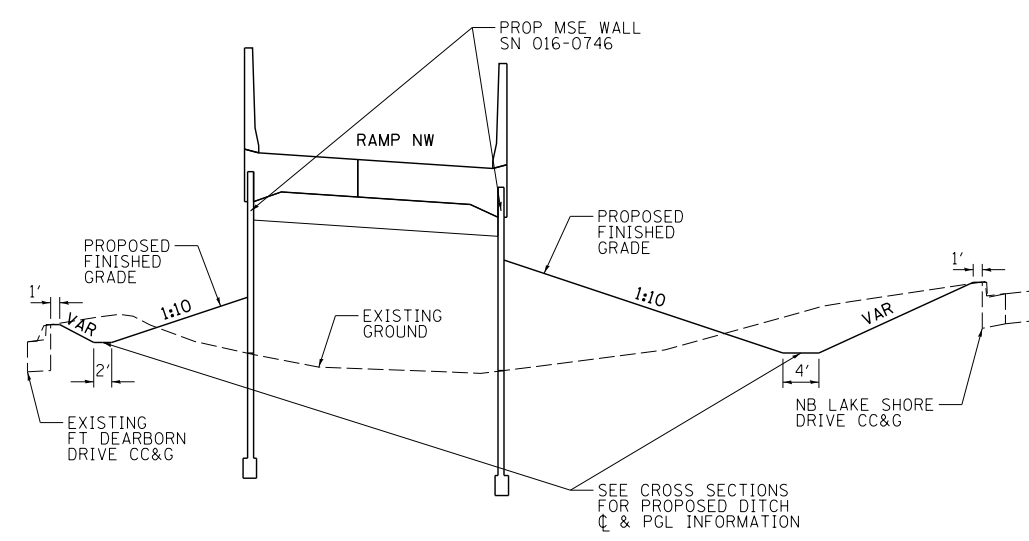
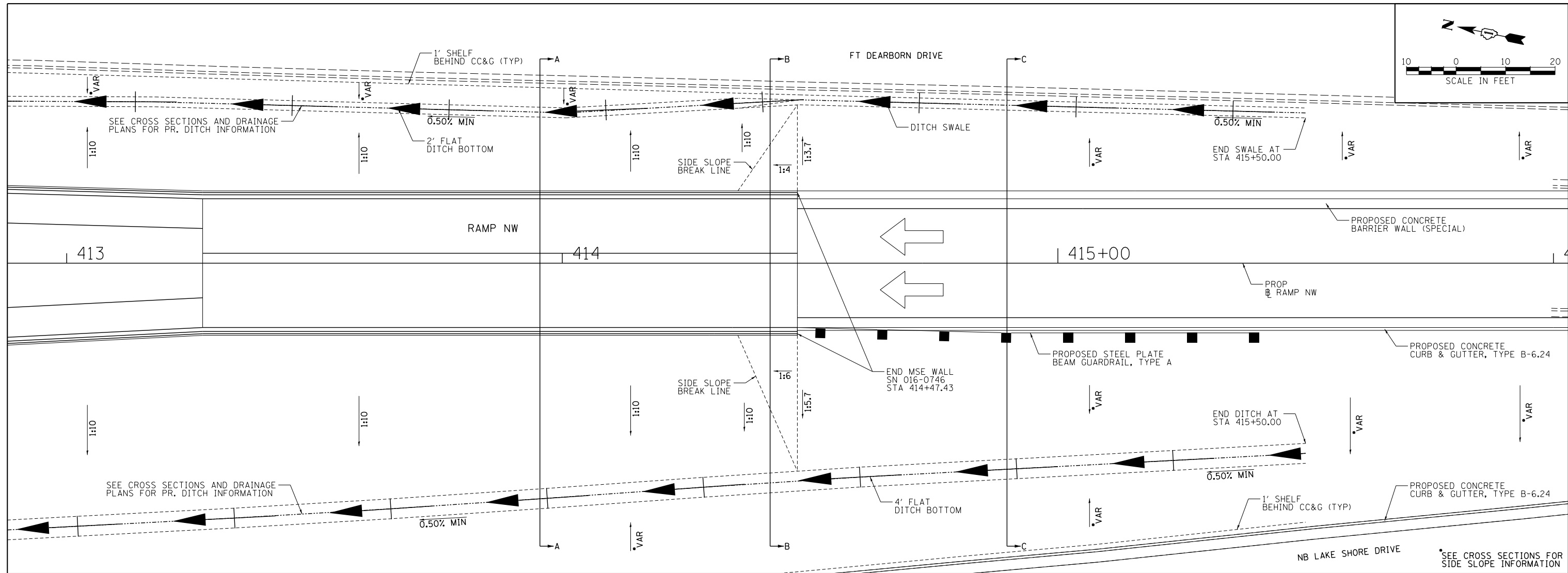
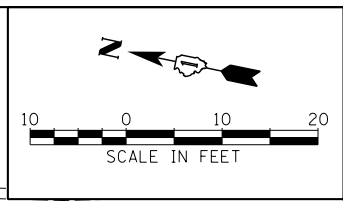
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

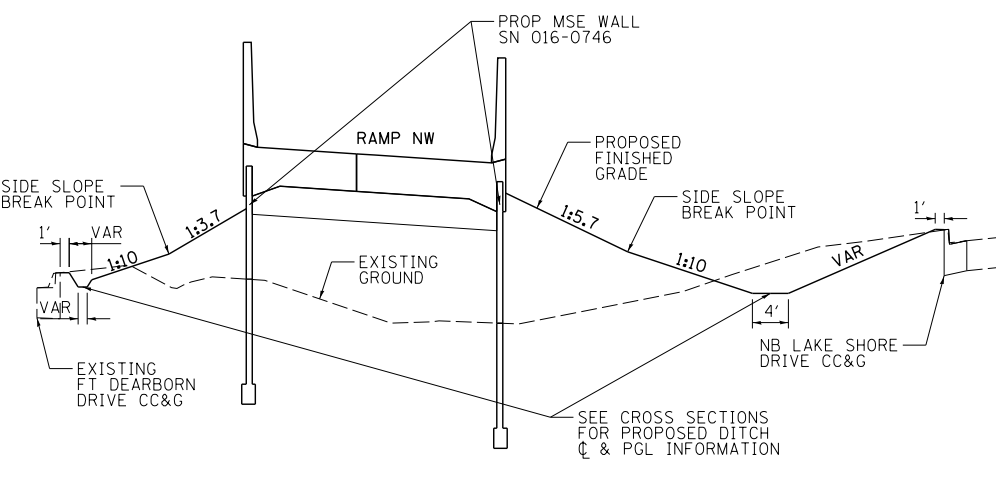
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RAMP NW 2 OF 3**

SCALE: SHEET NO. 15 OF 18 SHEETS STA. TO STA.

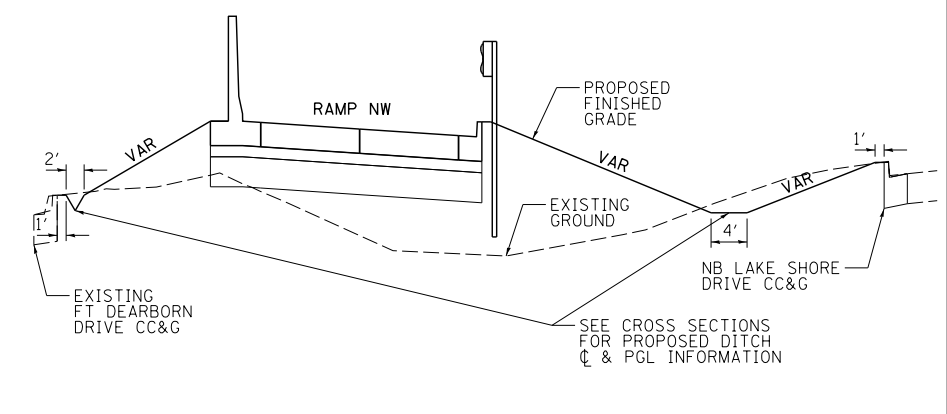
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CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				



SECTION A-A
TYPICAL GRADING ADJACENT TO
PROPOSED MSE WALL 016-0746



SECTION B-B
TRANSITION GRADING BETWEEN
PROPOSED MSE WALL 016-0746 AND RAMP NW TYPICAL PAVEMENT SECTION



SECTION C-C
TYPICAL GRADING ADJACENT TO
PROPOSED RAMP NW TYPICAL PAVEMENT SECTION

PROPOSED GRADING PLAN - RAMP NW

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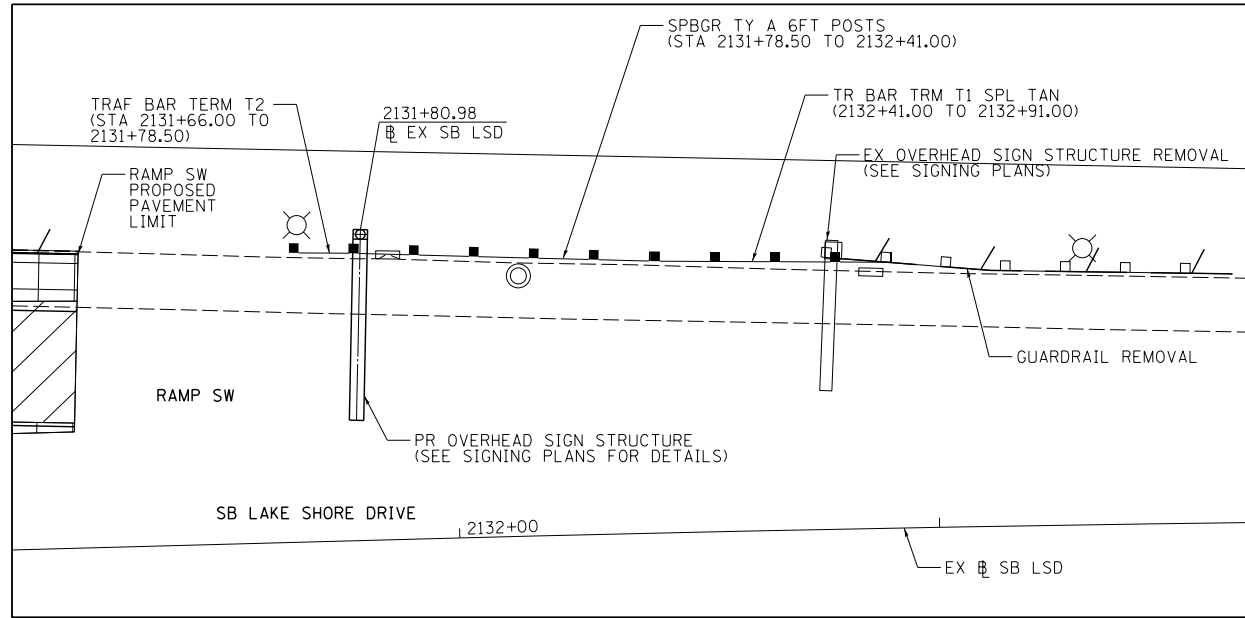
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS
RAMP NW 3 OF 3

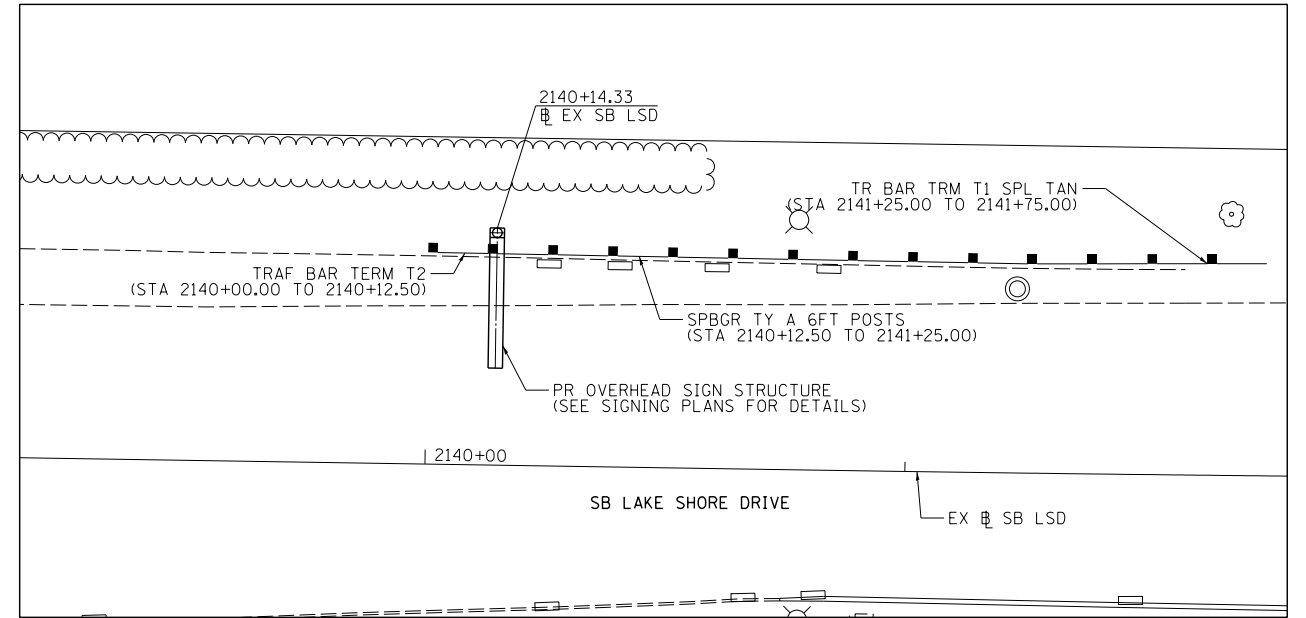
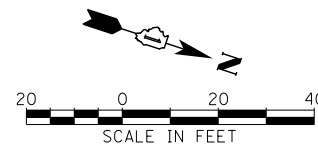
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F.A.I. RTE. 55	SECTION 2010-080-B	COUNTY COOK	TOTAL SHEETS 886	SHEET NO. 81
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				



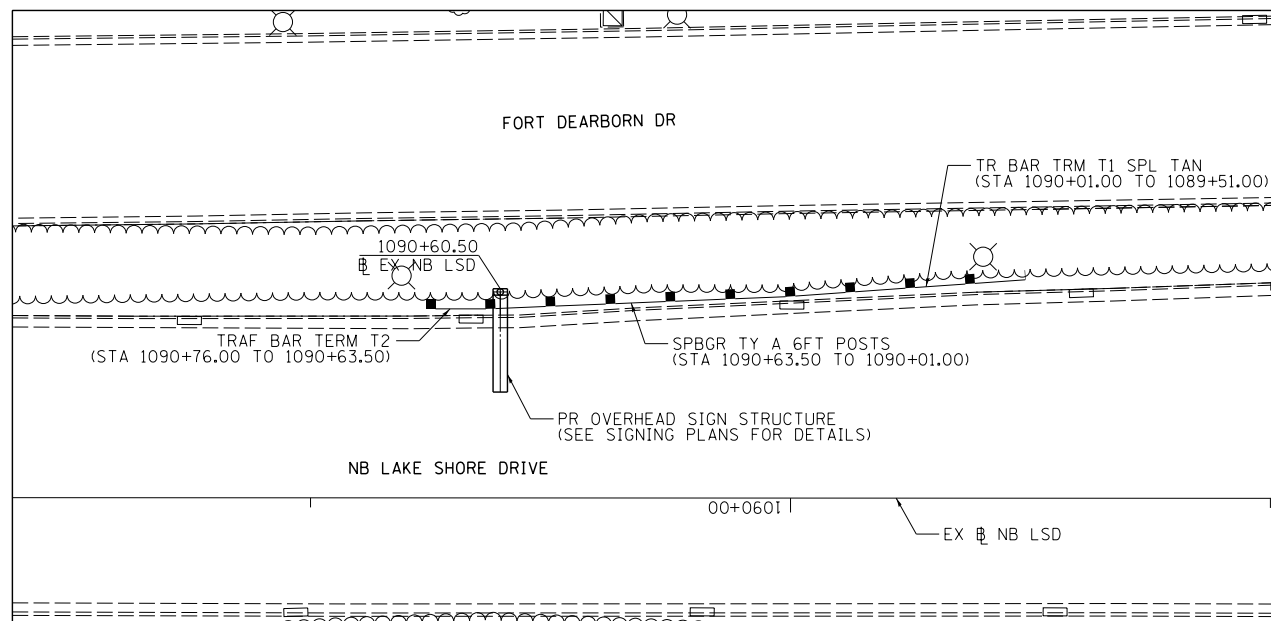
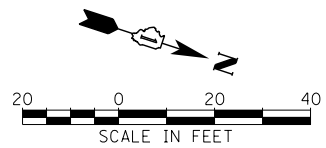
OVERHEAD SIGN STRUCTURE CANTILEVER
SN 1C016U041L000.0-001

*ALL STATIONING BASED ON EX SB LAKE SHORE DRIVE BASELINE



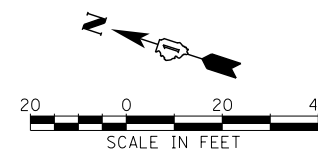
OVERHEAD SIGN STRUCTURE CANTILEVER
SN 1C016U041L000.00-002

*ALL STATIONING BASED ON EX SB LAKE SHORE DRIVE BASELINE



OVERHEAD SIGN STRUCTURE CANTILEVER
SN 1C016U041R000.0-003

*ALL STATIONING BASED ON EX NB LAKE SHORE DRIVE BASELINE



FILE NAME = D:\016\78-Sht-RoadDetails\7.dgn



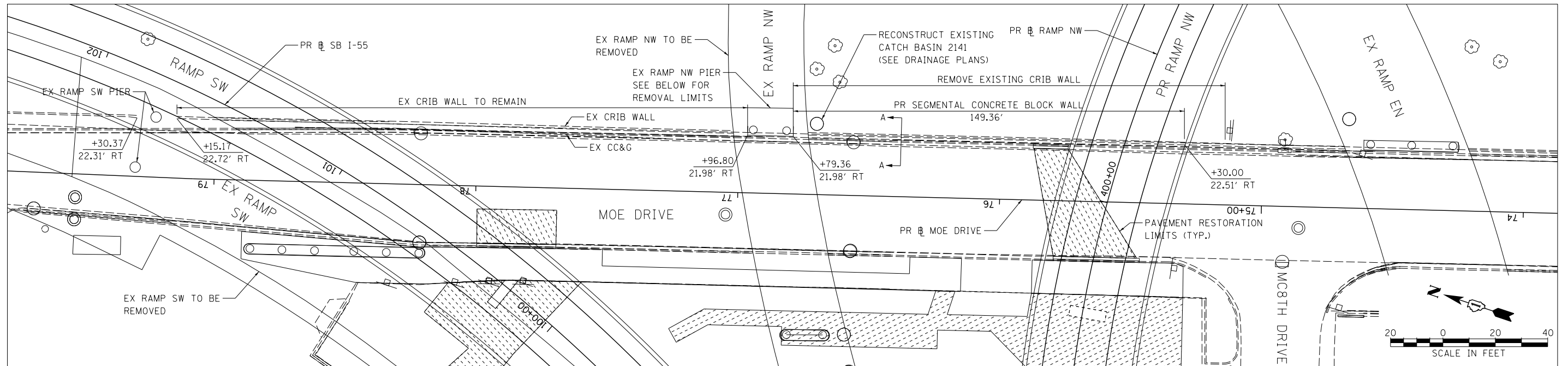
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PLOT SCALE = 20.0000' / in.	DRAWN - NSA	REVISED -
PLOT DATE = 11/19/2014	CHECKED - MJE	REVISED -
	DATE - 11/14/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

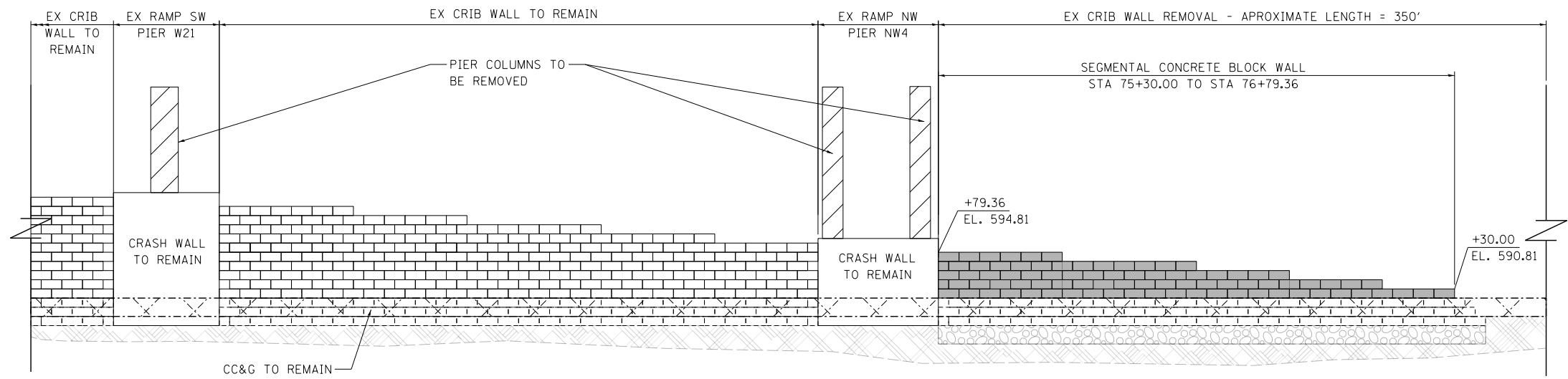
ROADWAY DETAILS
GUARDRAIL DETAILS AT SIGN STRUCTURES

SCALE: SHEET NO. 17 OF 18 SHEETS STA. TO STA.

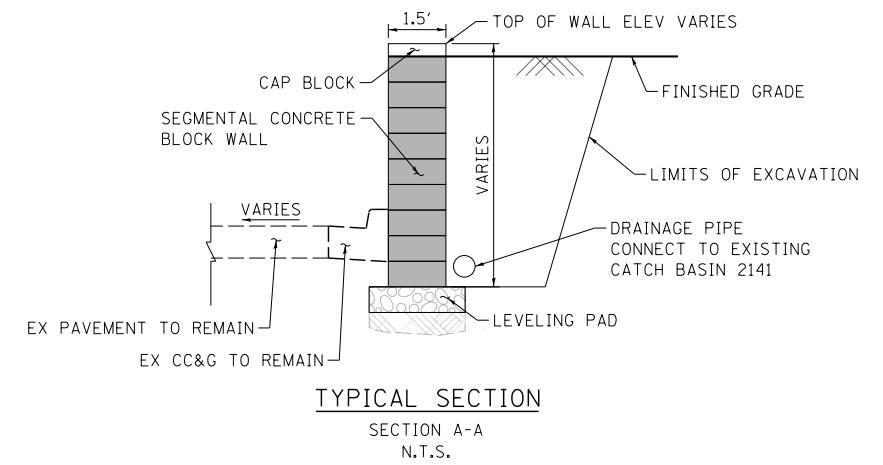
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	82
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				



PLAN VIEW



ELEVATION VIEW
N.T.S.



TYPICAL SECTION
SECTION A-A
N.T.S.

NOTES:
EXISTING CRIB WALL TO BE REMOVED SOUTH OF EXISTING RAMP NW PIER NW4 AND PAID FOR AS "REMOVAL OF EXISTING STRUCTURES, NO. 3".

BILL OF MATERIAL

ITEM	UNIT	TOTAL
SEGMENTAL CONCRETE BLOCK WALL	SQ FT	375

FILE NAME = D:\60L70-Sht-RoadDetails.dgn



USER NAME = augeungh	DESIGNED - CRH	REVISED -
	DRAWN - NSA	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJE	REVISED -
PLOT DATE = 11/19/2014	DATE - 11/14/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS
MOE DRIVE RETAINING WALL

SCALE: SHEET NO. 18 OF 18 SHEETS STA. TO STA.

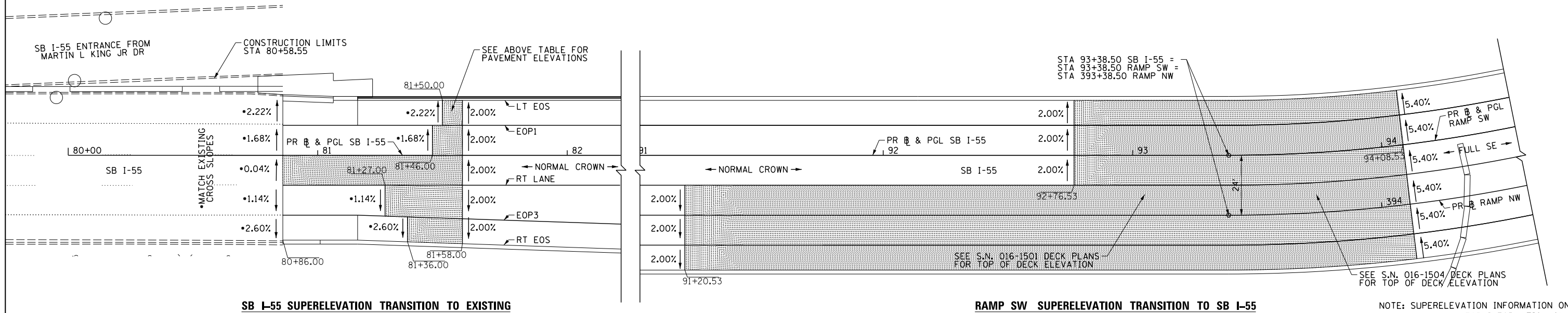
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	83
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				

PAVEMENT CROSS SLOPE TRANSITION

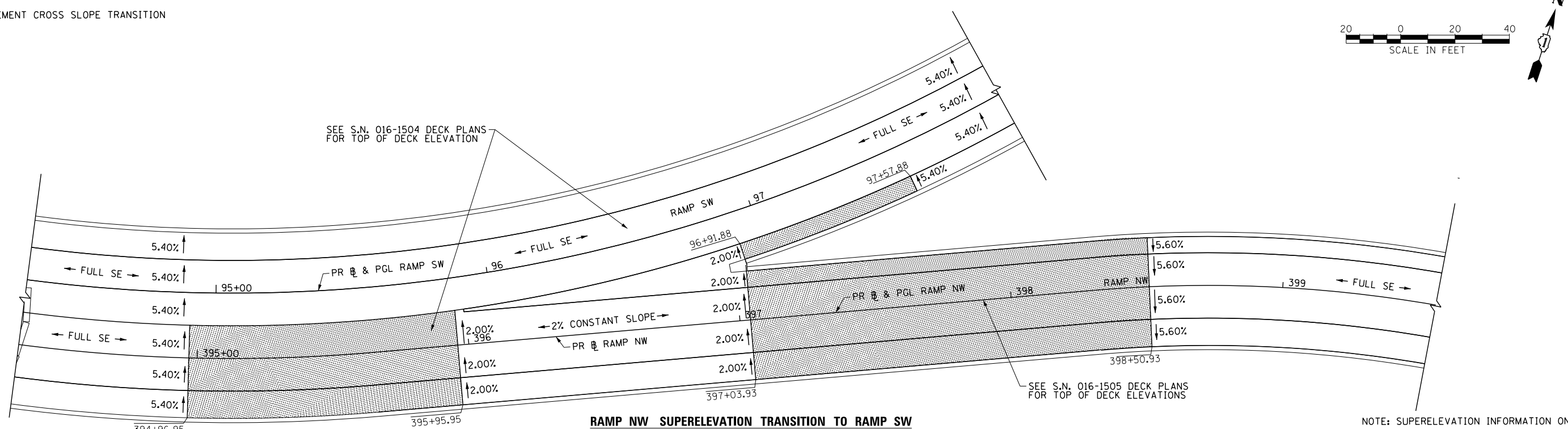
PAVEMENT CROSS SLOPE AND ELEVATION TABLE - SB I-55																		
STATION SB I-55	LT EOS			EOP1			PGL			RT LANE			EOP3			RT EOS		
	O/S	%	ELEV.	O/S	%	ELEV.	O/S	%	ELEV.	O/S	%	ELEV.	O/S	%	ELEV.	O/S	%	ELEV.
MATCH EXISTING CROSS SLOPES AND ELEVATIONS																		
80+86.00	-21.74	-2.22%	596.84	-12.00	-1.68%	597.06	0.00	N/A	597.26	12.00	0.04%	597.26	24.00	-1.14%	597.13	34.00	-2.60%	596.87
81+00.00	-21.23	-2.22%	597.27	-12.00	-1.68%	597.47	0.00	N/A	597.67	12.00	0.42%	597.73	24.00	-1.14%	597.59	34.00	-2.60%	597.33
81+25.00	-22.00	-2.22%	598.00	-12.00	-1.68%	598.22	0.00	N/A	598.42	12.00	1.10%	598.55	24.31	-1.14%	598.41	34.31	-2.60%	598.15
81+27.00	-22.00	-2.22%	598.06	-12.00	-1.68%	598.28	0.00	N/A	598.48	12.00	1.16%	598.62	24.37	-1.14%	598.48	34.37	-2.60%	598.22
81+36.00	-22.00	-2.22%	598.32	-12.00	-1.68%	598.55	0.00	N/A	598.75	12.00	1.40%	598.92	24.68	-1.39%	598.74	34.68	-2.60%	598.48
81+46.00	-22.00	-2.22%	598.62	-12.00	-1.68%	598.85	0.00	N/A	599.05	12.00	1.67%	599.25	25.02	-1.67%	599.03	35.02	-2.33%	598.80
81+50.00	-22.00	-2.22%	598.73	-12.00	-1.79%	598.95	0.00	N/A	599.17	12.00	1.78%	599.38	25.16	-1.78%	599.15	35.16	-2.22%	598.93
81+58.00	-22.00	-2.00%	598.97	-12.00	-2.00%	599.17	0.00	N/A	599.41	12.00	2.00%	599.65	25.43	-2.00%	599.38	35.43	-2.00%	599.18
BEGIN NORMAL CROWN - SEE PROFILE SHEETS FOR PGL ELEVATIONS																		



PAVEMENT CROSS SLOPE TRANSITION



PAVEMENT CROSS SLOPE TRANSITION



FILE NAME = D:\60170-Sht-SE\Detail\01.dgn



USER NAME = augeungh
 DESIGNED - CRH
 DRAWN - CRH
 CHECKED - MJE
 DATE - 11/14/2014

REVISIED -
 REVISIED -
 REVISIED -
 REVISIED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUPERELEVATION TRANSITION DETAILS

SCALE: SHEET NO. 1 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	84

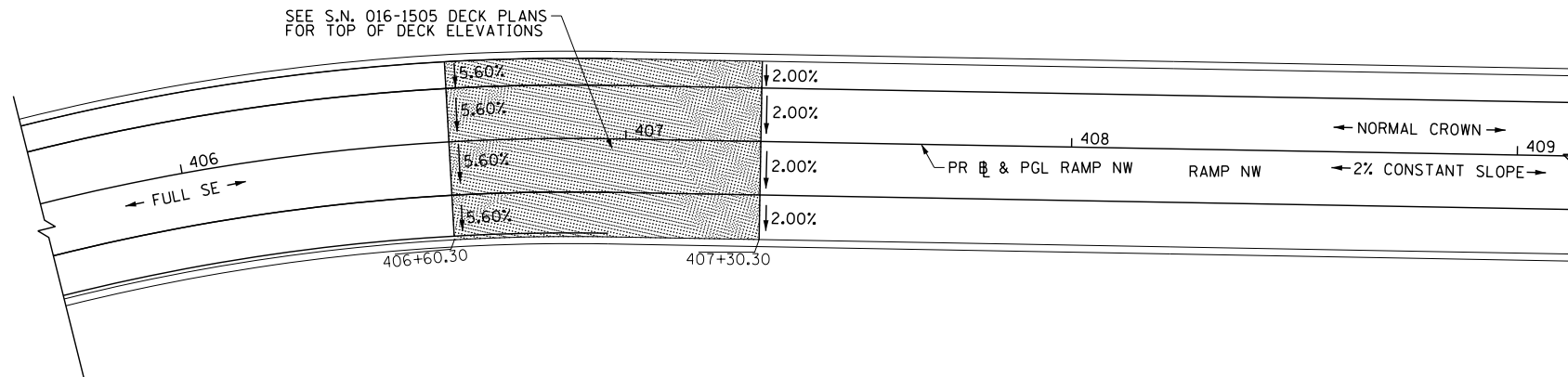
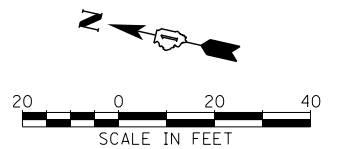
CONTRACT NO. 60L70
 ILLINOIS FED. AID PROJECT

PAVEMENT CROSS SLOPE TRANSITION

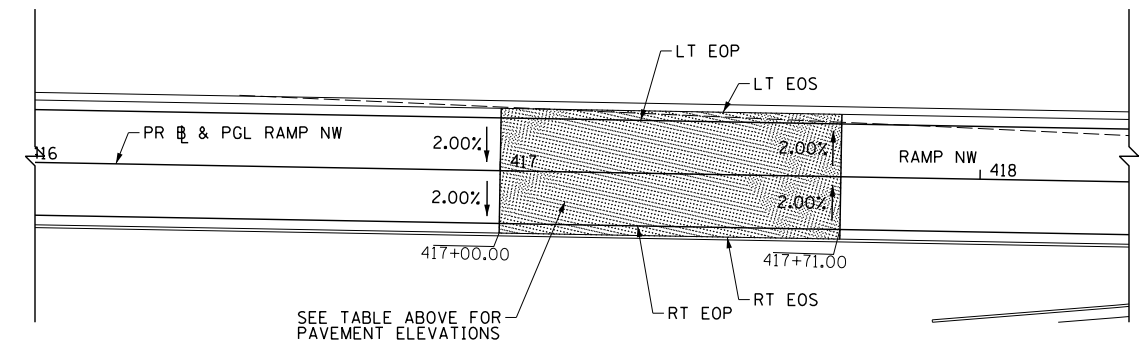
PAVEMENT CROSS SLOPE AND ELEVATION TABLE - RAMP NW															
STATION RAMP NW	LT EOS			LT EOP			PGL			RT EOP			RT EOS		
	O/S	%	ELEV.	O/S	%	ELEV.	O/S	%	ELEV.	O/S	%	ELEV.	O/S	%	ELEV.
NORMAL CROWN - SEE PROFILE SHEETS FOR PGL ELEVATIONS															
417+00.00	-13.00	2.00%	591.18	-11.00	2.00%	591.14	0.00	N/A	590.92	11.00	-2.00%	590.70	13.00	-2.00%	590.66
417+10.00	-13.00	1.44%	590.97	-11.00	1.44%	590.94	0.00	N/A	590.79	11.00	-1.44%	590.63	13.00	-1.44%	590.60
417+20.00	-13.00	0.87%	590.77	-11.00	0.87%	590.75	0.00	N/A	590.65	11.00	-0.87%	590.56	13.00	-0.87%	590.54
417+30.00	-13.00	0.31%	590.57	-11.00	0.31%	590.56	0.00	N/A	590.53	11.00	-0.31%	590.50	13.00	-0.31%	590.49
417+40.00	-13.00	-0.25%	590.38	-11.00	-0.25%	590.39	0.00	N/A	590.41	11.00	0.25%	590.44	13.00	0.25%	590.45
417+50.00	-13.00	-0.82%	590.20	-11.00	-0.82%	590.21	0.00	N/A	590.30	11.00	0.82%	590.39	13.00	0.82%	590.41
417+60.00	-13.00	-1.38%	590.02	-11.00	-1.38%	590.05	0.00	N/A	590.20	11.00	1.38%	590.35	13.00	1.38%	590.38
417+71.00	-13.00	-2.00%	589.83	-11.00	-2.00%	589.87	0.00	N/A	590.09	11.00	2.00%	590.31	13.00	2.00%	590.35

MATCH EXISTING ELEVATIONS AND CROSS SLOPES

PAVEMENT CROSS SLOPE TRANSITION



RAMP NW SUPERELEVATION TRANSITION FROM NORMAL CROWN TO FULL SUPERELEVATION



RAMP NW SUPERELEVATION TRANSITION TO EXISTING

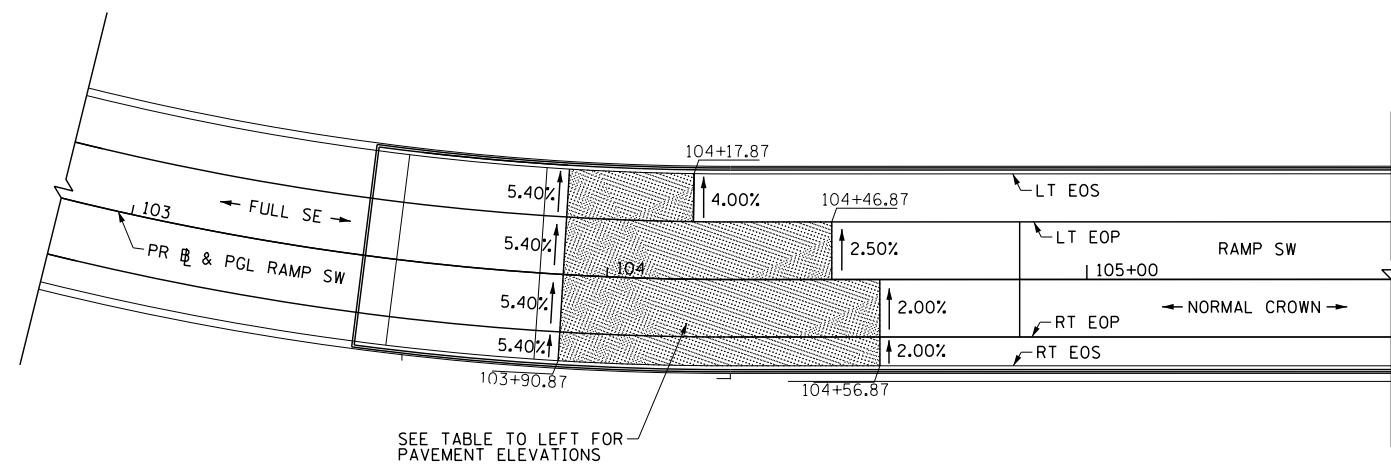
NOTE: SUPERELEVATION INFORMATION ON STRUCTURE SHOWN FOR INFORMATION ONLY

PAVEMENT CROSS SLOPE TRANSITION

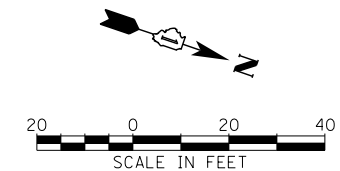
PAVEMENT CROSS SLOPE AND ELEVATION TABLE - RAMP SW															
STATION RAMP SW	LT EOS			LT EOP			PGL			RT EOP			RT EOS		
	O/S	%	ELEV.	O/S	%	ELEV.	O/S	%	ELEV.	O/S	%	ELEV.	O/S	%	ELEV.
FULL SUPERELEVATION - SEE PROFILE SHEETS FOR PGL ELEVATIONS															
103+90.87	-22.00	-5.40%	611.47	-12.00	-5.40%	612.01	0.00	N/A	612.66	12.00	5.40%	613.31	18.00	5.40%	613.63
104+00.00	-22.00	-4.93%	611.26	-12.00	-4.93%	611.75	0.00	N/A	612.34	12.00	4.93%	612.93	18.00	4.93%	613.23
104+10.00	-22.00	-4.41%	611.02	-12.00	-4.41%	611.46	0.00	N/A	611.99	12.00	4.41%	612.52	18.00	4.41%	612.79
104+17.87	-22.00	-4.00%	610.84	-12.00	-4.00%	611.24	0.00	N/A	611.72	12.00	4.01%	612.20	18.00	4.01%	612.44
104+20.00	-22.00	-4.00%	610.78	-12.00	-3.89%	611.18	0.00	N/A	611.64	12.00	3.90%	612.11	18.00	3.90%	612.35
104+30.00	-22.00	-4.00%	610.49	-12.00	-3.37%	610.89	0.00	N/A	611.29	12.00	3.38%	611.70	18.00	3.38%	611.90
104+40.00	-22.00	-4.00%	610.20	-12.00	-2.86%	610.60	0.00	N/A	610.94	12.00	2.87%	611.29	18.00	2.87%	611.46
104+46.87	-22.00	-4.00%	610.00	-12.00	-2.50%	610.40	0.00	N/A	610.70	12.00	2.52%	611.00	18.00	2.52%	611.16
104+50.00	-22.00	-4.00%	609.89	-12.00	-2.50%	610.29	0.00	N/A	610.59	12.00	2.35%	610.88	18.00	2.35%	611.02
104+56.87	-22.00	-4.00%	609.65	-12.00	-2.50%	610.05	0.00	N/A	610.35	12.00	2.00%	610.59	18.00	2.00%	610.71

BEGIN NORMAL CROWN - SEE PROFILE SHEETS FOR PGL ELEVATIONS

PAVEMENT CROSS SLOPE TRANSITION



RAMP SW SUPERELEVATION TRANSITION FROM NORMAL CROWN TO FULL SUPERELEVATION



NOTE: SUPERELEVATION INFORMATION ON STRUCTURE SHOWN FOR INFORMATION ONLY

FILE NAME = D:\60L70-Sht-SE\Detail\1502.dgn



USER NAME = augeungh
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 11/19/2014

DESIGNED - CRH
 DRAWN - CRH
 CHECKED - MJE
 DATE - 11/14/2014

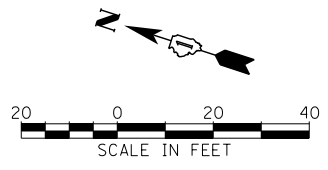
REVISED -
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 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

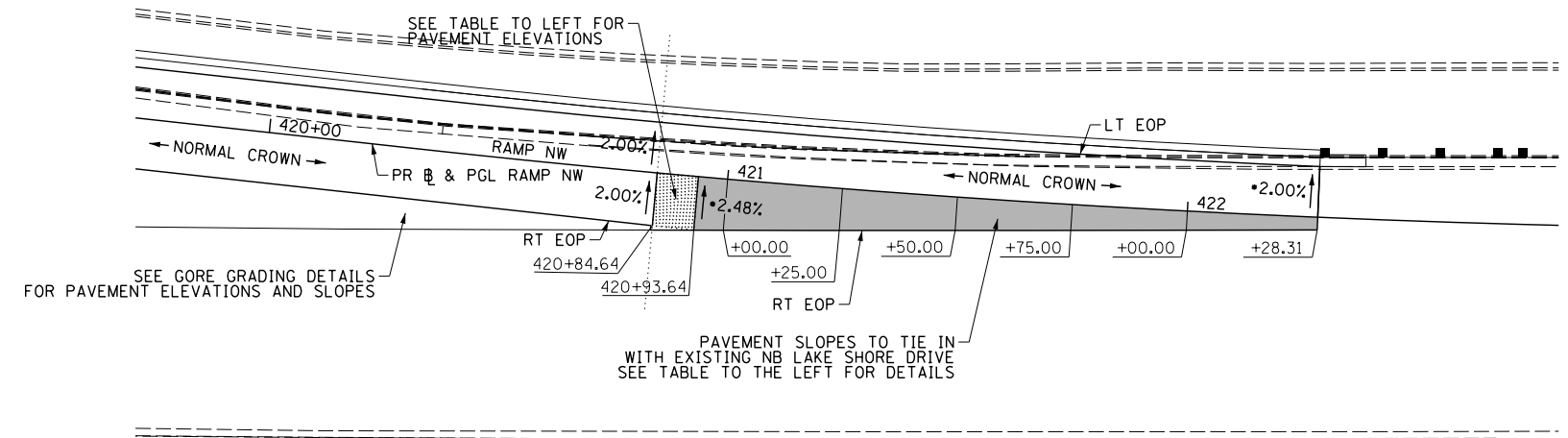
SUPERELEVATION TRANSITION DETAILS

SCALE: SHEET NO. 2 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	85
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				



PAVEMENT CROSS SLOPE AND ELEVATION TABLE - RAMP NW									
STATION RAMP NW	RT EOP			PGL			LT EOP		
	O/S	%	ELEV.	O/S	%	ELEV.	O/S	%	ELEV.
NORMAL CROWN - SEE PROFILE SHEETS FOR PGL ELEVATIONS									
420+84.64	11.26	2.00%	590.33	0.00	N/A	590.11	-11.00	-2.00%	590.33
420+90.00	11.40	2.31%	590.40	0.00	N/A	590.13	-11.00	-2.00%	590.35
420+93.64	11.65	2.48%	590.44	0.00	N/A	590.15	-11.00	-2.00%	590.37
421+00.00	11.11	2.19%	590.43	0.00	N/A	590.19	-11.00	-2.00%	590.41
421+25.00	9.10	2.35%	590.54	0.00	N/A	590.33	-11.00	-2.00%	590.55
421+50.00	7.27	2.67%	590.66	0.00	N/A	590.47	-11.00	-2.00%	590.69
421+75.00	5.63	2.96%	590.77	0.00	N/A	590.60	-11.00	-2.00%	590.82
422+00.00	4.16	2.93%	590.86	0.00	N/A	590.74	-11.00	-2.00%	590.96
422+28.31	2.76	2.44%	590.96	0.00	N/A	590.90	-11.00	-2.00%	591.12



▨ = PAVEMENT CROSS SLOPE TRANSITION

RAMP NW SUPERELEVATION TRANSITION FROM EXISTING TO NORMAL CROWN

▨ PAVEMENT CROSS SLOPE TRANSITION

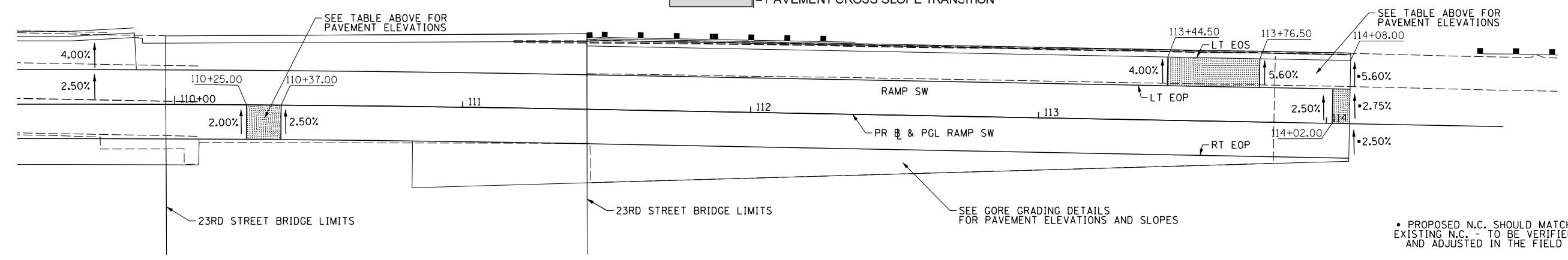
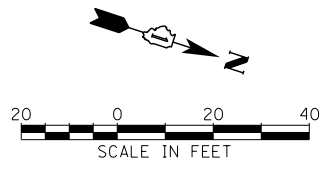
• PROPOSED N.C. SHOULD MATCH EXISTING N.C. - TO BE VERIFIED AND ADJUSTED IN THE FIELD

PAVEMENT CROSS SLOPE AND ELEVATION TABLE - RAMP SW												
STATION RAMP SW	LT EOS			LT EOP			PGL			RT EOP		
	O/S	%	ELEV.	O/S	%	ELEV.	O/S	%	ELEV.	O/S	%	ELEV.
NORMAL CROWN - SEE PROFILE SHEETS FOR PGL ELEVATIONS												
110+25.00	-22.00	-4.00%	601.15	-12.00	-2.50%	601.55	0.00	N/A	601.85	12.00	2.50%	602.15
110+30.00	-22.00	-4.00%	601.13	-12.00	-2.50%	601.53	0.00	N/A	601.83	12.00	2.29%	602.10
110+37.00	-22.00	-4.00%	601.10	-12.00	-2.50%	601.50	0.00	N/A	601.80	12.00	2.00%	602.04

PAVEMENT CROSS SLOPE AND ELEVATION TABLE - RAMP SW												
STATION RAMP SW	LT EOS			LT EOP			PGL			RT EOP		
	O/S	%	ELEV.	O/S	%	ELEV.	O/S	%	ELEV.	O/S	%	ELEV.
NORMAL CROWN - SEE PROFILE SHEETS FOR PGL ELEVATIONS												
113+44.50	-22.00	-4.00%	601.07	-12.00	-2.50%	601.47	0.00	N/A	601.77	12.00	2.50%	602.07
113+50.00	-22.00	-4.28%	601.02	-12.00	-2.50%	601.44	0.00	N/A	601.74	12.00	2.50%	602.04
113+60.00	-22.00	-4.78%	600.92	-12.00	-2.50%	601.40	0.00	N/A	601.70	12.00	2.50%	602.00
113+70.00	-22.00	-5.28%	600.83	-12.00	-2.50%	601.36	0.00	N/A	601.66	12.00	2.50%	601.96
113+76.50	-22.00	-5.60%	600.77	-12.00	-2.50%	601.33	0.00	N/A	601.63	12.00	2.50%	601.93
113+80.00	-22.00	-5.60%	599.48	-12.00	-2.50%	600.04	0.00	N/A	600.34	12.00	2.50%	600.64
113+90.00	-22.00	-5.60%	599.44	-12.00	-2.50%	600.00	0.00	N/A	600.30	12.00	2.50%	600.60
114+00.00	-22.00	-5.60%	599.40	-12.00	-2.50%	599.96	0.00	N/A	600.26	12.00	2.50%	600.56
114+02.00	-22.00	-5.60%	599.39	-12.00	-2.50%	599.95	0.00	N/A	600.25	12.00	2.50%	600.55
114+08.00	-22.00	-5.60%	599.34	-12.00	-2.75%	599.90	0.00	N/A	600.23	12.00	2.50%	600.53

▨ = PAVEMENT CROSS SLOPE TRANSITION

▨ = PAVEMENT CROSS SLOPE TRANSITION



RAMP SW SUPERELEVATION TRANSITION FROM EXISTING TO NORMAL CROWN

▨ PAVEMENT CROSS SLOPE TRANSITION

• PROPOSED N.C. SHOULD MATCH EXISTING N.C. - TO BE VERIFIED AND ADJUSTED IN THE FIELD

FILE NAME = D:\60L70-Sht-SE\Detail\03.dgn



USER NAME = augeungh	DESIGNED - CRH	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - CRH	REVISED -
PLOT DATE = 11/19/2014	CHECKED - MJE	REVISED -
	DATE - 11/14/2014	REVISED -

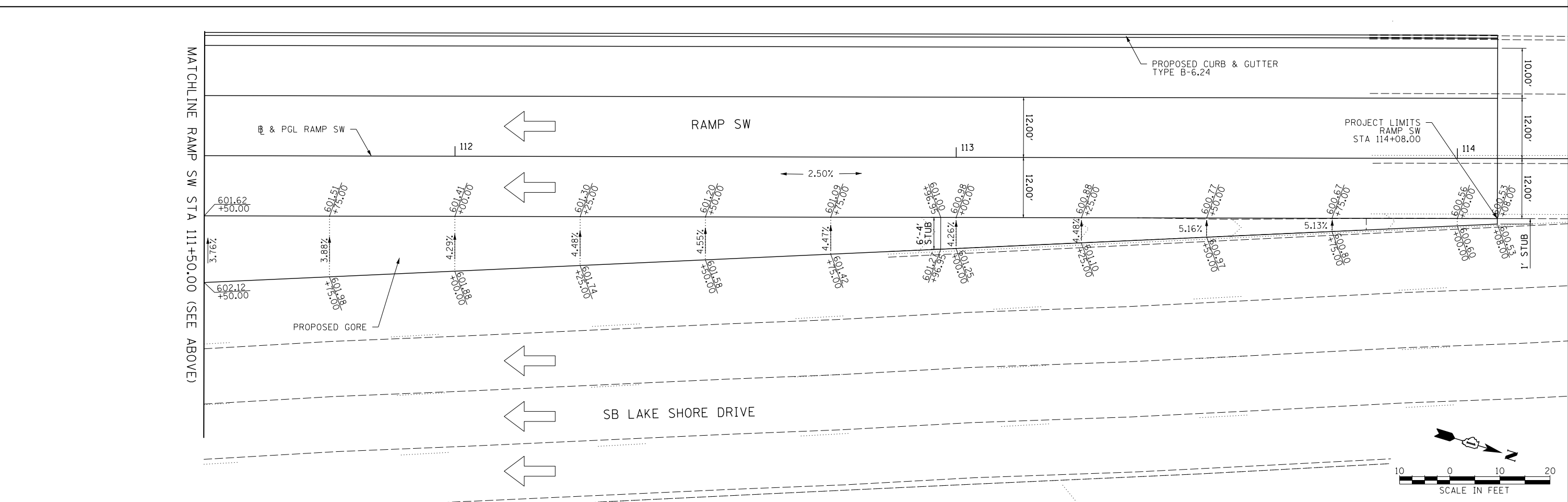
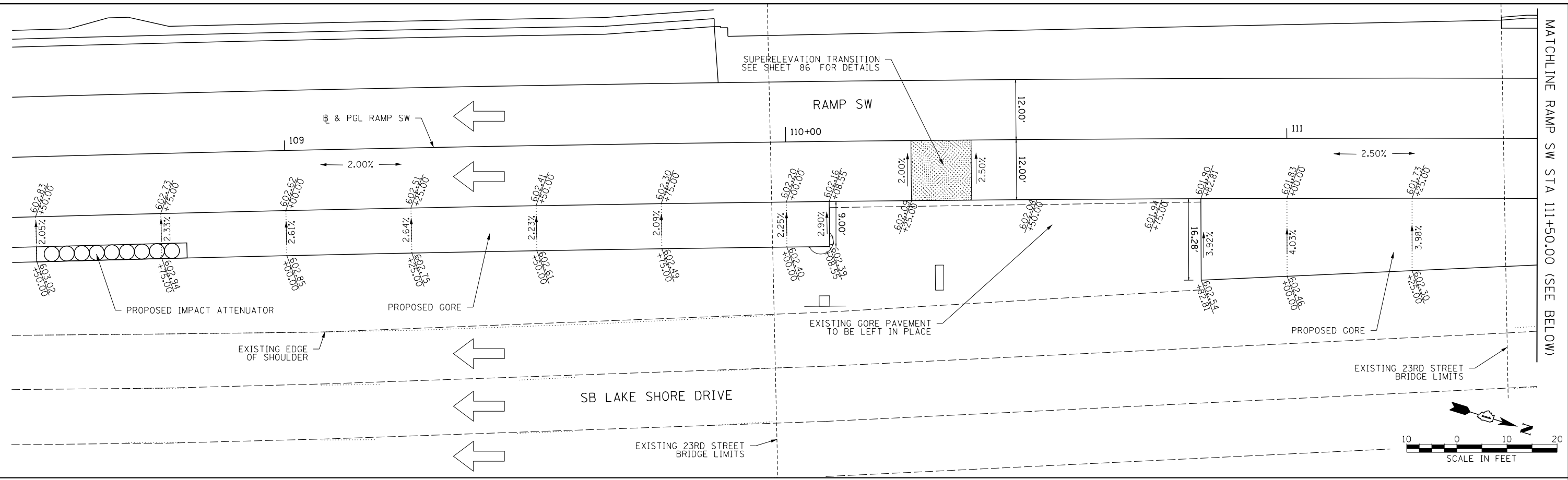
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERELEVATION TRANSITION DETAILS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	86
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				

MATCHLINE RAMP SW STA 111+50.00 (SEE BELOW)



FILE NAME = D:\606178-Sht-Cor-Details\6061.dgn



USER NAME = augeungh
 PLOT SCALE = 10.0000" / 1"
 PLOT DATE = 11/19/2014

DESIGNED - BS
 DRAWN - BS
 CHECKED - MJE
 DATE - 11/14/2014

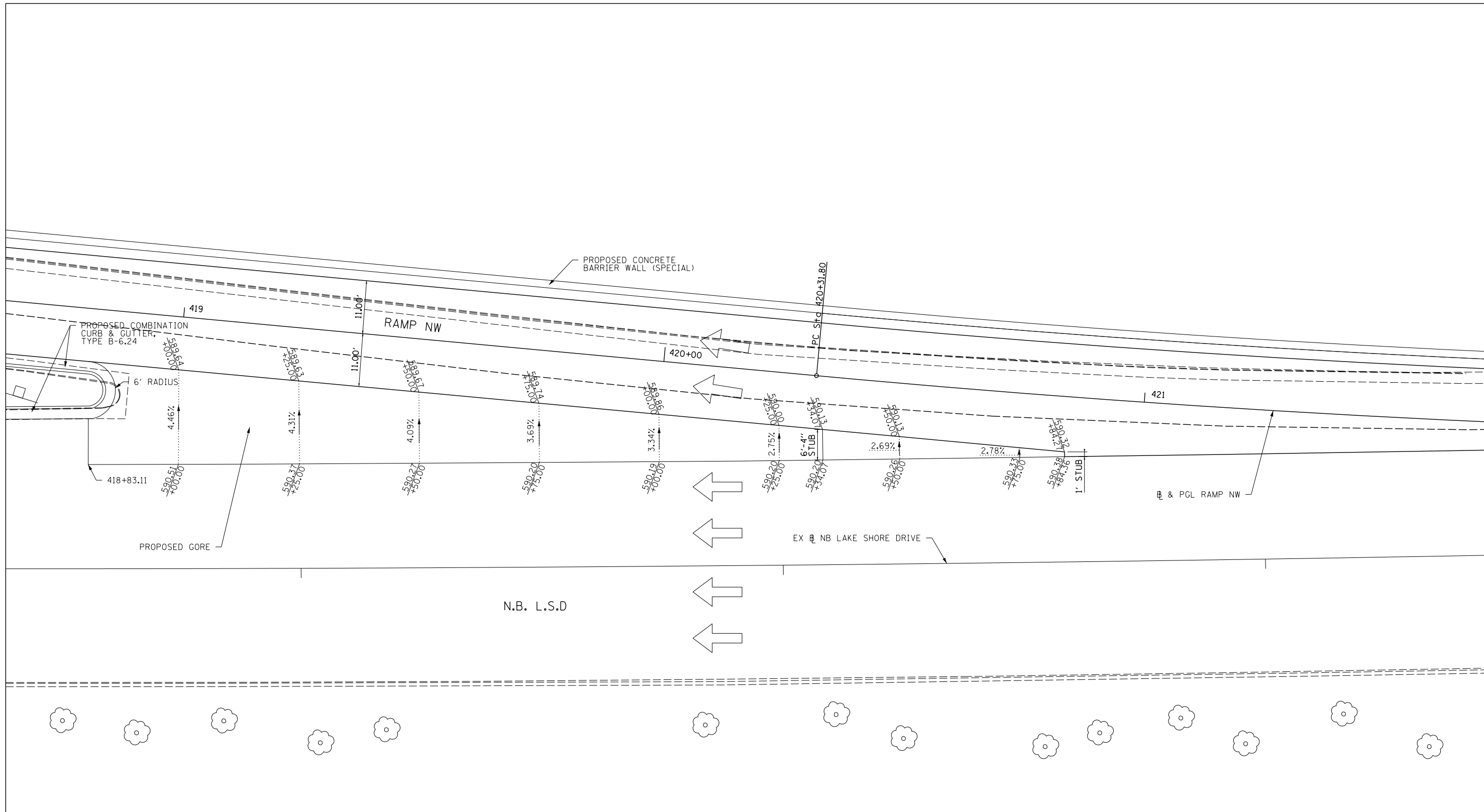
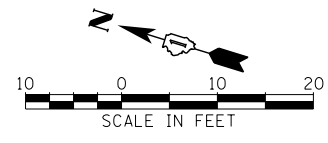
REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**GORE GRADING DETAILS
 RAMP SW**

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

F.A.I. RTE. 55	SECTION 2010-080-B	COUNTY COOK	TOTAL SHEETS 886	SHEET NO. 87
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				



FILE NAME = D:\60L70-Sht-CoreDetail1402.dgn

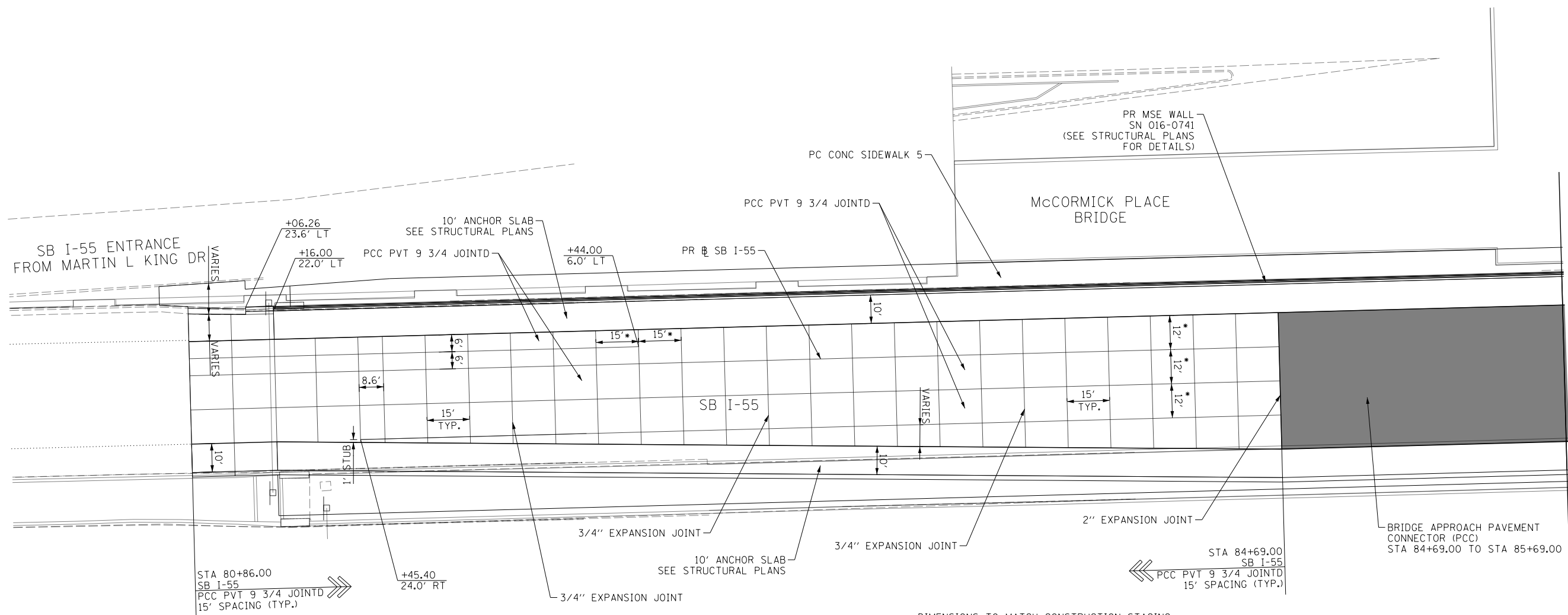
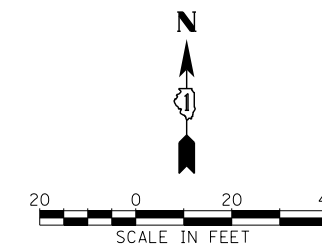


USER NAME = ouyeungh	DESIGNED BS	REVISED -
	DRAWN BS	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED MJE	REVISED -
PLOT DATE = 11/19/2014	DATE - 11/14/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GORE GRADING DETAILS	
RAMP NW	
SCALE:	SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	88
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				



* DIMENSIONS TO MATCH CONSTRUCTION STAGING
(SEE STRUCTURAL PLANS)

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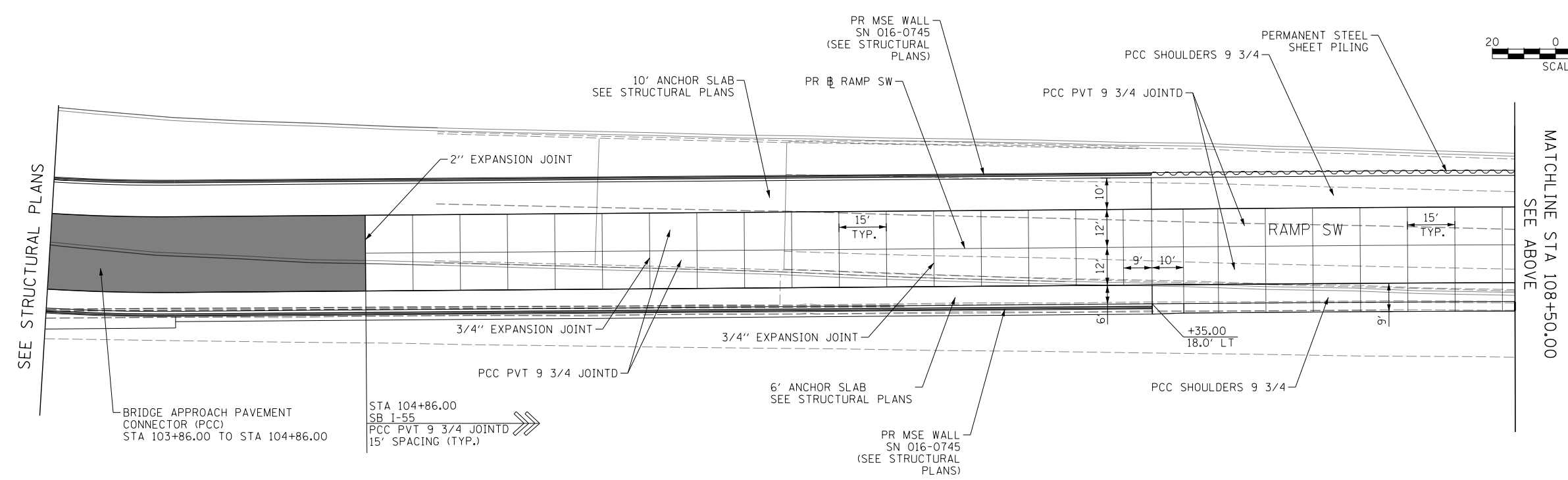
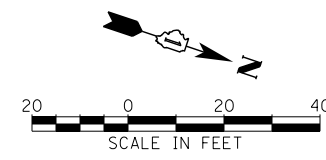
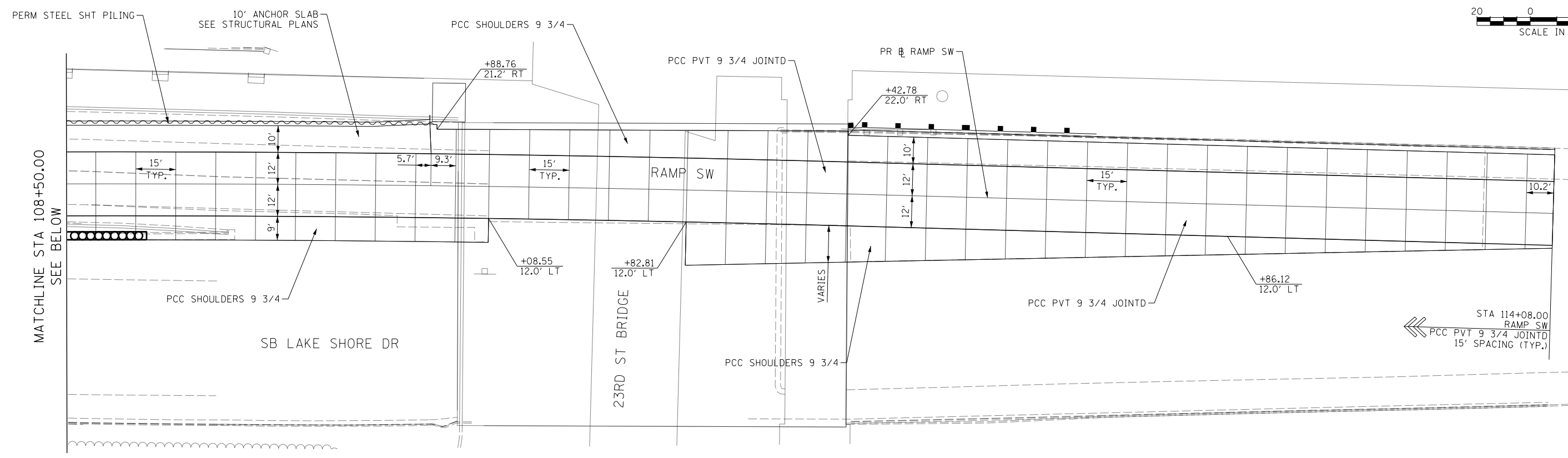
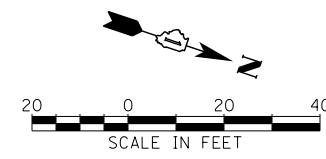


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

JOINTING AND PCC PAVEMENT DETAIL PLANS SB I-55		
SCALE: 1"=20'	SHEET NO. 1 OF 3 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	89
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				



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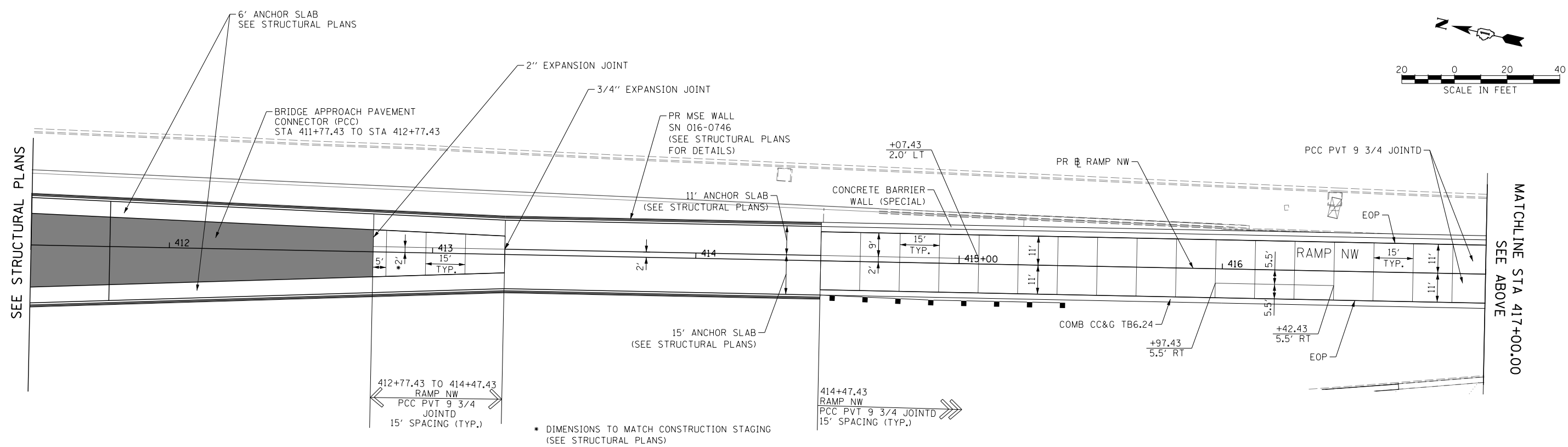
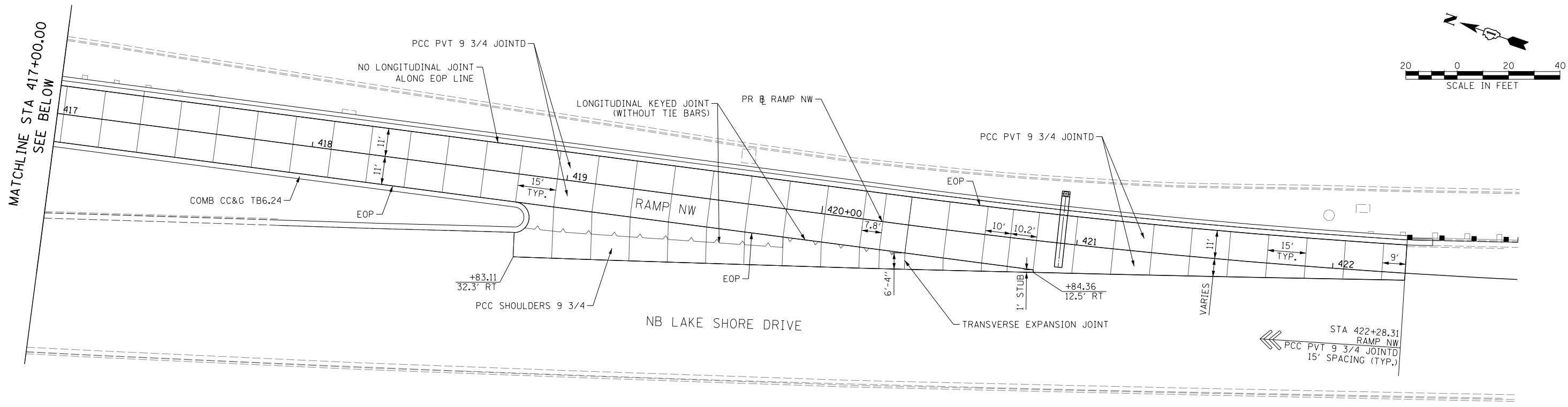
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PLOT DATE = 11/19/2014	CHECKED - MJE	REVISED -
	DATE - 11/14/2014	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**JOINTING AND PCC PAVEMENT DETAIL PLANS
RAMP SW**

SCALE: 1"=20' SHEET NO. 2 OF 3 SHEETS STA. TO STA.

F.A.I. RTE. 55	SECTION 2010-080-B	COUNTY COOK	TOTAL SHEETS 886	SHEET NO. 90
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				



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	DATE - 11/14/2014	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

JOINTING AND PCC PAVEMENT DETAIL PLANS RAMP NW		
SCALE: 1"=20'	SHEET NO. 3 OF 3 SHEETS	STA. TO STA.

F.A.I. RTE. 55	SECTION 2010-080-B	COUNTY COOK	TOTAL SHEETS 886	SHEET NO. 91
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				

TRAFFIC CONTROL GENERAL NOTES

- TRAFFIC CONTROL AND PROTECTION SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 701 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- TYPE III BARRICADES AND ROAD CLOSURE SIGNS SHALL BE POSITIONED AS SHOWN, ACCORDING TO HIGHWAY STANDARD 701901 AND AS DIRECTED BY THE ENGINEER.
- TYPE A LOW INTENSITY FLASHING WARNING LIGHTS SHALL BE USED ON EACH SIGN IN ADVANCE OF THE WORK DURING HOURS OF DARKNESS.
- ALL WARNING SIGNS SHALL BE A MINIMUM OF 48" x 48" AND HAVE A BLACK LEGEND AND BORDER ON A FLUORESCENT ORANGE REFLECTORIZED BACKGROUND.
- ALL TYPE III BARRICADES UTILIZED FOR ROAD CLOSURES SHALL HAVE TWO LOW INTENSITY FLASHING LIGHTS MOUNTED ON TOP OF EACH BARRICADE.
- FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.
- WHERE ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
- EXACT LOCATION OF ALL WARNING SIGNS AND BARRICADES SHALL BE STAKED IN THE FIELD FOR APPROVAL BY THE ENGINEER PRIOR TO INSTALLATION.
- PRIOR TO START OF CONSTRUCTION, ALL REQUIRED TRAFFIC CONTROL DEVICES SHALL BE IN PLACE.
- 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 ARE NOT LIMITED TO PROJECTS NEAR:
 - CONTRACT 60X07 - I-55 INBOUND BRIDGES
 - CONTRACT 60F63 - I-90/94 (KENNEDY EXPRESSWAY) AT OHIO STREET
 - CONTRACT 60W25 - MORGAN STREET BRIDGE AT I-290/CONGRESS PKWY (CIRCLE INTERCHANGE)
 - CONTRACT 60W26 - HARRISON STREET BRIDGE (WEST) AT I-90/94 AND HALSTER STREET BRIDGE AT I-290 (CIRCLE INTERCHANGE)
 - CONTRACT 60W28 - RAMP NW FLYOVER (CIRCLE INTERCHANGE)
 - CONTRACT 60W29 - PEORIA STREET BRIDGE AT I-290 / CONGRESS PKWY (CIRCLE INTERCHANGE)
 - CONTRACT 60W71 - HARRISON STREET BRIDGE (EAST) AT I-90/94 (CIRCLE INTERCHANGE)
 - CONTRACT 60W30 - TAYLOR ST. BRIDGE OVER I-90/94 (CIRCLE INTERCHANGE)
 - CONTRACT 60X61 - I-290 WB MAINLINE AND AUXILIARY LANES FROM PEORIA ST. TO RACINE AVE. (CIRCLE INTECHANGE)
 - 3rd BRIDGE OVER METRA/CN (CDOT)
 - METRA ELECTRIC CATENARY RELOCATION PROJECT
 - MCCORMICK PLACE PROJECTS
 - AND OTHERS.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER 28 DAYS PRIOR TO ANY ANTICIPATED CLOSURES.
- A MINIMUM 11' LANE WIDTH SHALL BE MAINTAINED ON ALL INTERSTATE LANES OPEN TO TRAFFIC DURING CONSTRUCTION.
- PROVIDE CONTINUOUS TEMPORARY ACCESS TO ALL SIDE STREETS, ALLEYS, DRIVEWAYS, AND PARKING LOTS UNLESS SPECIFICALLY IDENTIFIED ON THE PLANS FOR TEMPORARY CLOSURE. LOTS WITH MORE THAN ONE DRIVEWAY MUST BE STAGED TO KEEP AT LEAST ONE DRIVEWAY OPEN AT ALL TIMES.
- VERIFY LOCATION OF ALL BUILDING ACCESS, COORDINATE WITH BUILDING OWNERS AND LOCAL AUTHORITIES AND PROVIDE FULL ACCESS TO BUSINESSES OR PROPERTIES DURING THEIR NORMAL WORKING HOURS IN ACCORDANCE WITH ADA AND APPLICABLE CODE REQUIREMENTS.
- THE CONTRACTOR SHALL MAINTAIN TRAFFIC ON ALL STREETS EXCEPT WHERE NOTED ON THE PLANS AND PROHIBIT PARKING WITHIN FIFTY (50) FEET OF THE CONSTRUCTION AREA AT ALL TIMES. NOTIFY CDOT AND OEMC AT LEAST 72 HOURS BEFORE COMMENCING CONSTRUCTION.
- MAINTAIN ACCESS TO FIRE HYDRANTS, BUILDING STANDPIPES AND OTHER EMERGENCY FACILITIES WITHIN THE CONSTRUCTION ZONE.

17. 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 AND BRIDGE WORK, BUT CERTAIN ITEMS MAY NEED TO PROCEED IN CONCERT WITH CONSTRUCTION OPERATIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT AFFECTED UTILITIES AND COORDINATE WORK WITHIN THE CONSTRUCTION SCHEDULE. THE EFFORT OF WHICH WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT. A LIST OF UTILITY CONTACTS IS LOCATED WITHIN THE SPECIFICATIONS.

18. 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.

19. SIGNS W20-7(O) AND W21-1(O) SHALL BE TAKEN DOWN WHEN THE WORKERS ARE NOT PRESENT.

20. 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.

21. AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER, TEMPORARY CHAIN LINK FENCE SHALL BE PROVIDED TO SECURE THE WORK AREA.

22. THE CONTRACTOR SHALL SUBMIT PLANS AND DETAILS FOR PEDESTRIAN PROTECTION INCLUDING SCAFFOLDING OR OTHER PROTECTIVE MEASURES FOR REVIEW AND APPROVAL OF THE ENGINEER. THIS IS INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).

23. A 3'-6" DEFLECTION AREA IS REQUIRED FROM THE BACK SIDE OF THE TEMPORARY BARRIER WALL TO ANY OBSTRUCTION OR DROP OFF IN THE WORK ZONE. IF THIS 3'-6" DEFLECTION AREA CANNOT BE MAINTAINED, THE TEMPORARY CONCRETE BARRIER WALL SHALL BE ANCHORED TO THE PAVEMENT (EXCLUDING NEW BRIDGE DECKS) THROUGH THE 3 ANCHORING HOLES ON THE TRAFFIC SIDE OF THE TEMPORARY CONCRETE BARRIER WALL. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, SHALL BE CONSIDERED INCIDENTAL TO THE TEMPORARY CONCRETE BARRIER PAY ITEM.

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

25. 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 THIRD REPLACEMENT SHALL BE REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE.

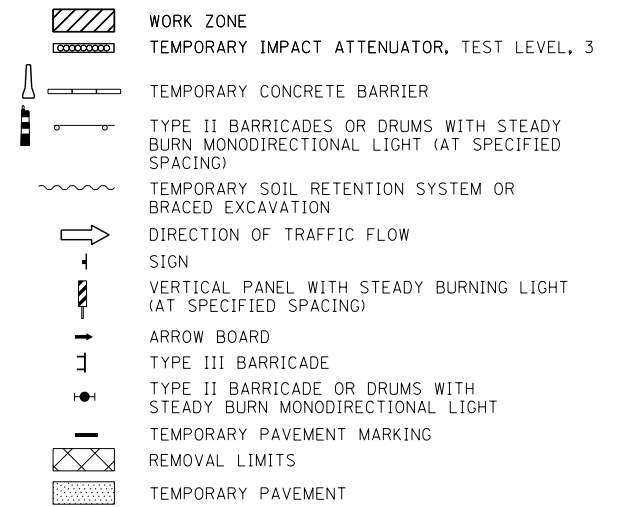
26. THE CONTRACTOR SHALL CONTACT THE AREA ARTERIAL AND AREA EXPRESSWAY ENGINEERS AT (847) 705-4412 AND (847) 705-4153, RESPECTIVELY, TWO WEEKS PRIOR TO PLACING ANY PERMANENT PAVEMENT MARKINGS.

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

28. TEMPORARY INFORMATION SIGNING AND CHANGEABLE MESSAGE SIGNS TO BE INSTALLED ALONG NB AND SB LAKE SHORE DRIVE ON THE APPROACH TO THE INTERCHANGE IN ACCORDANCE WITH THE HIGHWAY STANDARDS AND AT THE APPROVAL OF THE ENGINEER.

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

LEGEND



METRA ELECTRIC DISTRICT - TRACK CLOSURE SCHEDULE

TRACK(S)	MON		TUE <THRU> FRI				SAT		SUN	
	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
1										
2 or 3										
4										
1&2 or 3&4										
1,2, 3&4										

**

= TIMES THAT TRACK(S) MAY POSSIBLY BE TAKEN OUT-OF-SERVICE OR TAKEN OUT-OF-SERVICE & DE-ENERGIZED.

CONTRACTOR MUST BE AWARE THAT ELECTRICAL SWITCHING TO DE-ENERGIZE AND RE-ENERGIZE CATENARY WIRE SYSTEMS MAY TAKE UP TO ONE (1) HOUR OFF EACH END OF THESE CLOSURE WINDOWS. FOR EXAMPLE: A 9:00AM TO 3:00PM SERVICE OUTAGE MAY RESULT IN ONLY A 10:00AM TO 2:00PM CONTRACTOR'S WORK WINDOW. ** - THE ABOVE TIMES ARE FOR REFERENCE ONLY, NOT GUARANTEED AND SUBJECT TO CHANGE DUE TO BUT NOT LIMITED TO TRAIN DELAYS, FAULTS OR FAILURES IN SYSTEMS OF METRA ELECTRIC DISTRICT AND/OR UNAVAILABILITY OF METRA STAFF REQUIRED TO FACILITATE THE OUTAGES. LENGTH AND/OR REDUCTIONS IN NUMBER OR TRACK CLOSURE TIMES SHOWN WILL NOT BE CONSIDERED CAUSE FOR ADDITIONAL COMPENSATION. NO OUTAGES WILL BE PERMITTED DURING SPECIAL EVENT BLACKOUTS.

NOTE:

BOXED ITEMS ARE INCLUDED IN THE COST OF THE CONTRACT.

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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL - GENERAL NOTES AND LEGEND

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	92
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				

STAGING NARRATIVE

THE SUGGESTED STAGING OF CONSTRUCTION PROVIDES THE CONTRACTOR THE FLEXIBILITY TO ADJUST THE SEQUENCING OF CONSTRUCTION ALLOWING CERTAIN TASKS INCLUDING BUT NOT LIMITED TO REMOVAL OF PIERS, ABUTMENTS AND VAULTED TERMINAL STRUCTURES, INSTALLATION OF WATER MAIN AND THE PROPOSED RETAINING WALL CONSTRUCTION TO BE ADJUSTED BETWEEN STAGES AND SUB-STAGES. THE CONTRACTOR SHALL SUBMIT A CRITICAL PATH METHOD PROGRESS SCHEDULE IN ACCORDANCE WITH THE SPECIAL PROVISIONS.

STAGE 1A:

MAINTENANCE OF TRAFFIC ALONG SB LAKE SHORE DRIVE

- MAINTAIN EXISTING FOUR (4) MAINLINE LANES AND PROVIDE WORK ZONE ENTRY AND EXIT OPENINGS TO MEDIAN PER DISTRICT STANDARD TC-18.

MAINTENANCE OF TRAFFIC ALONG RAMP SW

- MAINTAIN EXISTING TWO (2) LANES OF TRAFFIC UNDER NORMAL OPERATING CONDITIONS.

MAINTENANCE OF TRAFFIC ALONG NB LAKE SHORE DRIVE

- MAINTAIN EXISTING MAINLINE LANES AND PROVIDE WORK ZONE ENTRY AND EXIT OPENINGS TO OUTSIDE PER DISTRICT STANDARD TC-18.

MAINTENANCE OF TRAFFIC ALONG RAMP NW

- REDUCE RAMP WIDTH TO 11' AND SHIFT TRAFFIC TO OUTSIDE EAST HALF OF EXISTING RAMP NW.

MAINTENANCE OF TRAFFIC ALONG SB I-55

- MAINTAIN EXISTING THREE (3) LANES OF TRAFFIC UNDER NORMAL OPERATING CONDITIONS.

CONSTRUCTION TO BE COMPLETED IN STAGE 1A

- REMOVE WEST HALF OF TANGENT PORTION OF EXISTING RAMP NW (S.N. 016-1048).
- INITIATE INSTALLATION OF DRILLED SHAFT FOUNDATIONS AND CONSTRUCTION OF PIERS AND SPANS 13W THROUGH 20W (UNITS 1 TO 3) AND THE WEST HALF OF SPANS 21W AND 22W (UNIT 4) OF PROPOSED RAMP NW (S.N. 016-1505).
- CONSTRUCT WEST HALF OF PROPOSED RAMP NW RETAINING WALL (S.N. 016-0746).
- CONSTRUCT TEMPORARY PAVEMENT AT SOUTH APPROACH OF RAMP NW FOR USE IN STAGE 2A.
- FURNISH AND INSTALL PROPOSED IDOT LIGHTING CONTROLLER 'A', MAIN DISTRIBUTION PANEL (MDP) AND NEW ELECTRIC UTILITY SERVICE TO MDP.
- INSTALL TEMPORARY LIGHTING CIRCUITS FROM PROPOSED IDOT LIGHTING CONTROLLER 'A' TO EXISTING NB I-55 LIGHTING UNITS TO REMAIN.
- INSTALL THE TEMPORARY POWER FEED FROM PROPOSED MDP TO EXISTING IDOT DMS SIGN TO REMAIN.
- REMOVE EXISTING CDOT LIGHTING UNITS AND FOUNDATIONS ALONG LAKE SHORE DRIVE TO FACILITATE WORK ZONE ENTRY AND EXIT OPENINGS. INSTALL TEMPORARY CDOT LIGHTING ALONG LAKE SHORE DRIVE TO REPLACE THE REMOVED LIGHTING UNITS.
- INSTALL TEMPORARY COMMUNICATION CABLE FROM LAKE SHORE DRIVE TO MEDIAN JUNCTION BOX AT DMS-7. MAINTAIN EXISTING 48 SMFO CABLE FROM MEDIAN JUNCTION BOX TO DMS -7 THROUGH TEMPORARY AERIAL CONNECTION.

STAGE 1B:

MAINTENANCE OF TRAFFIC ALONG SB LAKE SHORE DRIVE

- REDUCE EXISTING FOUR (4) MAINLINE LANES TO THREE (3) 11' LANES VIA STRIPING OF OPTION LANE 4 TO EXIT ONLY TO RAMP SW.

MAINTENANCE OF TRAFFIC ALONG RAMP SW

- REDUCE RAMP LANE WIDTHS TO 11' AND SHIFT TRAFFIC TO OUTSIDE WEST HALF OF EXISTING RAMP. PROVIDE TWO (2) 11' LANES ALONG OUTSIDE OF EXISTING RAMP SW AT EXIT FROM SB LAKE SHORE DRIVE AND REDUCE TO ONE (1) 11' LANE PRIOR TO RAMP SW VAULTED TERMINAL STRUCTURE.
- SPECIAL EVENT TRAFFIC LANE MODIFICATIONS: IN COORDINATION WITH IDOT, CDOT, OEMC, SOLDIER FIELD AND MCCORMICK PLACE, A SECOND TRAFFIC LANE WILL BE OPENED FOR SPECIAL EVENTS ALONG RAMP SW PROVIDING TWO (2) 11' LANES ALONG OUTSIDE OF EXISTING RAMP SW. RAMP NW WILL ENTER SB I-55 AS FORCED MERGE. NO MODIFICATIONS WILL BE MADE TO THE TEMPORARY PAVEMENT MARKINGS.

MAINTENANCE OF TRAFFIC ALONG NB LAKE SHORE DRIVE

- MAINTAIN EXISTING TRAVEL LANES AND STAGING CONFIGURATION ESTABLISHED IN STAGE 1A.

MAINTENANCE OF TRAFFIC ALONG RAMP NW

- MAINTAIN ONE (1) 11' LANE ALONG OUTSIDE EAST HALF OF EXISTING RAMP NW AS ESTABLISHED IN STAGE 1A.

MAINTENANCE OF TRAFFIC ALONG SB I-55

- REDUCE EXISTING THREE (3) MAINLINE LANES TO TWO (2) 11' LANES. SHIFT TRAVEL LANES ONTO NORTH HALF OF EXISTING SB I-55 STRUCTURE.

MAINTENANCE OF TRAFFIC ALONG MARTIN LUTHER KING JR. (MLK) DRIVE

- MAINTAIN EXISTING TRAVEL LANES ALONG NB MLK DRIVE. REDUCE EXISTING FOUR (4) MAINLINE LANES ALONG SB MLK DRIVE TO THREE (3) LANES VIA OUTSIDE LANE CLOSURE.
- WEST SIDEWALK CLOSED TO PEDESTRIAN TRAFFIC. DETOUR PEDESTRIAN ACCESS TO EAST SIDEWALK.

CONSTRUCTION TO BE COMPLETED IN STAGE 1B

- REMOVE SOUTH AND EAST PORTION OF EXISTING RAMP SW (S.N. 016-1052).
- REMOVE SOUTH HALF OF EXISTING SB I-55 STRUCTURE (S.N. 016-1055).
- CONTINUE CONSTRUCTION OF SPANS 13W THROUGH 20W (UNITS 1 TO 3) AND WEST HALF OF SPANS 21W AND 22W (UNIT 4) OF PROPOSED RAMP NW (S.N. 016-1505).
- CONTINUE CONSTRUCTION OF WEST PORTION OF PROPOSED RAMP NW RETAINING WALL (S.N. 016-0746).
- CONSTRUCT SOUTH PORTION OF SPANS 6W THROUGH 8W (UNIT 1) AND SPANS 10W THROUGH 12W (UNIT 2) OF PROPOSED RAMP SW (S.N. 016-1504).
- CONSTRUCT SOUTH PORTION OF SPANS 1W THROUGH 5W OF PROPOSED SB I-55 STRUCTURE (S.N. 016-1501).
- CONSTRUCT SOUTH HALF OF PROPOSED SB I-55 RETAINING WALL (S.N. 016-0741).
- REMOVE AND SALVAGE PORTION OF EXISTING IDOT I-55 TURN-AROUND RAMP UNDERPASS LIGHTING SYSTEM AND EXISTING CDOT MLK DRIVE UNDERPASS LIGHTING SYSTEM ATTACHED TO UNDERSIDE OF SB I-55 STRUCTURE.

STAGE 2A-1 AND STAGE 2A-2:

MAINTENANCE OF TRAFFIC ALONG SB LAKE SHORE DRIVE

- REDUCE EXISTING FOUR (4) MAINLINE LANES TO THREE (3) 11' LANES VIA OUTSIDE LANE CLOSURE.

MAINTENANCE OF TRAFFIC ALONG RAMP SW

- STAGE 2A-1: MAINTAIN ONE (1) 11' LANE ALONG EXISTING RAMP SW. MERGE ENTRANCE RAMP LANE FROM 18TH STREET PRIOR TO EXIT TO RAMP SW.
- STAGE 2A-2: SHIFT TRAFFIC AND MAINTAIN ONE (1) 11' LANE ALONG OUTSIDE OF PROPOSED RAMP SW. MERGE ENTRANCE RAMP LANE FROM 18TH STREET PRIOR TO EXIT TO RAMP SW.

MAINTENANCE OF TRAFFIC ALONG NB LAKE SHORE DRIVE

- REDUCE EXISTING FOUR (4) MAINLINE LANES TO THREE (3) 11' LANES VIA OUTSIDE LANE CLOSURE JUST NORTH OF 31ST STREET.
- SHIFT 31ST STREET ENTRANCE RAMP INTO REALIGNED AUXILIARY LANE TO PROPOSED RAMP NW.

MAINTENANCE OF TRAFFIC ALONG RAMP NW

- SHIFT TRAFFIC ONTO TEMPORARY PAVEMENT INSTALLED IN STAGE 1A AND THE WEST HALF OF PROPOSED RAMP NW. MAINTAIN ONE (1) 11' LANE ALONG INSIDE OF RAMP. WIDEN TO 14' LANE WIDTH WHERE FEASIBLE.

MAINTENANCE OF TRAFFIC ALONG SB I-55

- MAINTAIN ONE (1) MAINLINE LANE ALONG SOUTH HALF OF PROPOSED SB I-55 FOR RAMP NW TRAFFIC AND ONE (1) MAINLINE LANE ALONG NORTH HALF OF EXISTING SB I-55 FOR RAMP SW TRAFFIC.

MAINTENANCE OF TRAFFIC ALONG MARTIN LUTHER KING JR. (MLK) DRIVE

- MAINTAIN TRAVEL LANE REDUCTIONS AND PEDESTRIAN DETOUR ESTABLISHED IN STAGE 1B.

CONSTRUCTION TO BE COMPLETED IN STAGE 2A-1 STAGE 2A-2

- REMOVE EXISTING RAMP NW (S.N. 016-1048).
- CONTINUE CONSTRUCTION OF SPANS 21W AND 22W (UNIT 4) OF PROPOSED RAMP NW (S.N. 016-1505) AND EAST HALF OF PROPOSED RETAINING WALL (S.N. 016-0746).
- CONSTRUCT CENTER PORTION OF SPANS 6W THROUGH 8W (UNIT 1), SPAN 9W (UNIT 2) AND WEST PORTION OF SPANS 10W THROUGH 12W OF PROPOSED RAMP SW (S.N. 016-1504).
- CONSTRUCT CENTER PORTION OF WEST APPROACH AND PAVEMENT OF PROPOSED SB I-55.
- CONSTRUCT EAST PORTION OF PROPOSED RAMP SW RETAINING WALL (S.N. 016-0745).
- STAGE 2A-1: CONSTRUCT PERMANENT PAVEMENT ALONG WEST SIDE OF SB LAKE SHORE DRIVE AND RAMP SW NORTH OF THE 23RD STREET BRIDGE.
- STAGE 2A-2: CONSTRUCT PERMANENT PAVEMENT ALONG EAST SIDE OF RAMP SW AND SB LAKE SHORE DRIVE GORE AREA.
- INSTALL THE TEMPORARY IDOT LIGHTING SYSTEM ALONG THE SOUTH SIDE OF SB I-55.
- INSTALL THE TEMPORARY IDOT LIGHTING SYSTEM ALONG THE WEST SIDE OF RAMP SW.

STAGE 2B-1 AND STAGE 2B-2:

MAINTENANCE OF TRAFFIC ALONG SB LAKE SHORE DRIVE

- REINSTATE EXISTING FOUR (4) MAINLINE LANES ALONG SB LAKE SHORE DRIVE.

MAINTENANCE OF TRAFFIC ALONG RAMP SW

- MAINTAIN TWO (2) 11' TRAVEL LANES ALONG PROPOSED RAMP SW STRUCTURE.
- STAGE 2B-1: MAINTAIN ONE (1) 11' EXIT LANE FROM SB LAKE SHORE DRIVE TO EAST SIDE OF PROPOSED RAMP SW. MERGE ENTRANCE RAMP LANE FROM 18TH STREET PRIOR TO EXIT TO RAMP SW.
- STAGE 2B-2: MAINTAIN (2) 11' EXIT LANES FROM SB LAKE SHORE DRIVE TO PROPOSED RAMP SW.

MAINTENANCE OF TRAFFIC ALONG NB LAKE SHORE DRIVE

- MAINTAIN TRAVEL LANE REDUCTIONS ESTABLISHED IN STAGE 2A-1.

MAINTENANCE OF TRAFFIC ALONG RAMP NW

- MAINTAIN ONE (1) 14' LANE OF TRAFFIC ALONG PROPOSED RAMP NW WITH LANE WIDTH REDUCTIONS AT THE EXIT TERMINAL OF NB LAKE SHORE DRIVE AND THE CONVERGENCE WITH RAMP SW.

MAINTENANCE OF TRAFFIC ALONG SB I-55

- MAINTAIN THREE (3) MAINLINE LANES ON SOUTH HALF OF STRUCTURE WITH ONE (1) MAINLINE TRAVEL LANE FOR RAMP NW TRAFFIC AND TWO (2) MAINLINE TRAVEL LANES FOR RAMP SW TRAFFIC.

CONSTRUCTION TO BE COMPLETED IN STAGE 2B-1 AND STAGE 2B-2

- CONTINUE REMOVAL OF EXISTING RAMP NW (S.N. 016-1048). REMOVE TEMPORARY PAVEMENT.
- REMOVE REMAINING NORTH AND WEST PORTION OF EXISTING RAMP SW (S.N. 016-1052).
- REMOVE REMAINING NORTH PORTION OF EXISTING SB I-55 STRUCTURE (S.N. 016-1055).
- STAGE 2B-1: COMPLETE WEST PORTION OF PROPOSED RAMP SW RETAINING WALL (S.N. 016-0745).
- STAGE 2B-1: INSTALL PERMANENT SHEET PILING NORTH OF PROPOSED RETAINING WALL (S.N. 016-0745).
- COMPLETE REMAINING NORTH PORTION OF SPANS 6W THROUGH 8W (UNIT 1) OF PROPOSED RAMP SW (S.N. 016-1504).
- COMPLETE REMAINING NORTH PORTION OF SPANS 1W THROUGH 5W OF SB I-55 STRUCTURE (S.N. 016-1501) AND THE NORTH PORTION OF PROPOSED SB I-55 RETAINING WALL (S.N. 016-0741).
- COMPLETE ALL SITE GRADING, DRAINAGE, LIGHTING, ITS, LANDSCAPING AND RESTORATION ACTIVITIES.

FILE NAME = D:\6\78-Sht--Staging-Notes-02.dgn



USER NAME = augeungh	DESIGNED - CRH	REVISED -
	DRAWN - CRH	REVISED -
PLOT SCALE = 1.0000' / 1in.	CHECKED - MJE	REVISED -
PLOT DATE = 11/19/2014	DATE - 11/14/2014	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	93
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL SCHEDULE

	SHORT TERM PAVEMENT MARKING	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 PAVEMENT MARKING - LINE 6"	PAVEMENT MARKING TAPE, TYPE III 4"	PAVEMENT MARKING TAPE, TYPE III 5"	PAVEMENT MARKING TAPE, TYPE III 8"	PAVEMENT MARKING TAPE, TYPE III 12"	PAVEMENT MARKING BLACKOUT TAPE 6"	PAVEMENT MARKING BLACKOUT TAPE 8"	WORK ZONE PAVEMENT MARKING REMOVAL
SHEET	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SO FT
STAGE 1A													
MOT-1	1,866	933	0	0	0	331	0	0	0	0	0	0	0
MOT-2	4,954	2,477	0	330	77	1,088	0	0	0	0	0	0	0
MOT-3	0	0	0	0	0	0	0	0	0	0	0	0	0
MOT-4	0	0	0	0	0	0	0	0	0	0	0	0	0
MOT-5	0	0	0	0	0	0	0	0	0	0	0	0	0
STAGE 1A TOTALS	6,820	3,410	0	330	77	1,419	0	0	0	0	0	0	0

STAGE 1B													
MOT-1	4,268	2,134	269	0	0	1,067	0	0	0	0	1,219	0	0
MOT-2	6,918	3,459	72	614	170	733	0	0	0	0	0	0	0
MOT-3	5,117	2,559	0	0	0	0	1,312	0	0	0	1,956	0	0
MOT-4	0	0	0	0	0	0	0	0	0	0	0	0	0
MOT-5	0	0	0	0	0	0	0	0	0	0	0	0	0
MOT-6	5,117	2,559	78	0	0	2,496	1,312	0	0	0	1,956	0	0
MOT-7	580	290	36	263	0	146	145	124	2,554	226	3,278	81	0
MOT-8	0	0	0	375	0	0	0	0	523	0	2,092	0	0
MOT-9	0	0	0	148	0	0	0	0	0	0	0	0	0
MLK WM STAGING	0	705	0	0	0	0	0	0	0	0	0	0	236
MLK PIER STAGING	0	487	0	0	0	0	0	0	0	0	0	0	163
STAGE 1B TOTALS	22,001	12,192	455	1,401	170	4,442	2,769	124	3,077	226	10,501	81	399

STAGE 2A-1													
MOT-1	2,133	1,067	0	0	0	0	3,125	0	0	0	0	0	516
MOT-2	2,162	1,081	0	0	0	2,103	3,360	0	0	0	0	0	492
MOT-3	0	0	0	0	0	0	2,005	0	1,045	111	500	0	429
MOT-4	0	0	0	0	0	0	510	0	1,763	0	4,734	0	0
MOT-5	0	0	0	0	0	0	195	0	0	0	327	0	0
MOT-6	4,339	2,170	0	375	0	0	0	0	342	335	0	0	945
MOT-7	304	152	0	152	0	0	534	334	654	32	0	0	916
MOT-8	0	0	0	0	0	0	0	388	0	0	0	0	126
MOT-9	0	0	0	0	0	0	0	148	0	0	0	0	50
STAGE 2A-1 TOTALS	8,939	4,469	0	527	0	2,103	9,729	869	3,804	478	5,561	0	3,474

STAGE 2A-2													
MOT-1	3,616	1,808	0	0	0	631	341	0	0	0	0	0	829
MOT-2	580	290	0	126	0	0	145	0	1,486	333	0	0	424
STAGE 2A-2 TOTALS	4,196	2,098	0	126	0	631	486	0	1,486	333	0	0	1,253

STAGE 2B-1													
MOT-1	0	0	0	0	0	0	1,601	770	0	0	0	0	909
MOT-2	0	0	0	0	0	0	1,407	288	649	85	0	0	245
MOT-3	0	0	0	0	0	0	1,588	0	827	0	0	0	901
MOT-4	0	0	0	0	0	0	0	0	96	0	0	0	32
MOT-5	0	0	0	0	0	0	0	0	0	0	0	0	0
MOT-6	0	0	0	0	0	0	2,659	420	1,161	224	0	0	859
MOT-7	0	0	0	0	0	0	620	158	661	0	0	0	989
STAGE 2B-1 TOTALS	0	0	0	0	0	0	7,874	1,636	3,394	309	0	0	3,935

STAGE 2B-2													
MOT-1	0	0	0	0	0	0	835	170	156	0	0	0	835
MOT-2	0	0	0	0	0	0	226	0	1,223	0	0	0	837
END OF CONSTRUCTION	0	0	0	0	0	0	0	0	0	0	0	0	6,942
STAGE 2B-2 TOTALS	0	0	0	0	0	0	1,061	170	1,380	0	0	0	8,614

ALLOWANCES	4,196	2,217	46	238	25	860	2,192	280	1,314	135	1,606	8	1,768
TOTALS	46,151	24,387	501	2,623	271	9,455	24,111	3,079	14,455	1,481	17,668	89	19,443

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USER NAME = augeungh
 PLOT SCALE = 50.0000' / in.
 PLOT DATE = 11/19/2014

DESIGNED - CRH
 DRAWN - CRH
 CHECKED - MJE
 DATE - 11/14/2014

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	94
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL SCHEDULE CONTINUED

SHEET	TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, WIDE), TEST LEVEL 3	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	BARRIER WALL MARKERS, TYPE C	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	PAVEMENT MARKING REMOVAL	TEMPORARY INFORMATION SIGNING	TEMPORARY PAVEMENT	SUBBASE GRANULAR MATERIAL, TYPE B 4"	PROTECTIVE COAT	BITUMINOUS MATERIALS (PRIME COAT)	PAVEMENT REMOVAL	SIGN PANEL OVERLAY	TEMPORARY CHAIN LINK FENCE
	FOOT	FOOT	EACH	EACH	EACH	EACH	EACH	SQ FT	SQ FT	SQ YD	SQ YD	SQ YD	POUND	SQ YD	SQ FT	FOOT
STAGE 1A																
MOT-1	363	0	0	0	0	28	0	343	0	87	87	87	195	0	0	0
MOT-2	1325	0	0	1	0	106	8	900	0	786	786	786	1,767	0	0	0
MOT-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MOT-4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MOT-5	0	0	0	0	0	0	0	0	0	57	57	57	128	0	0	0
STAGE 1A TOTALS	1,688	0	0	1	0	134	8	1,243	0	930	930	930	2,090	0	0	0
STAGE 1B																
MOT-1	1075	0	0	0	0	85	0	846	0	0	0	0	0	0	0	549
MOT-2	1100	0	2	0	0	87	0	1,306	0	0	0	0	0	0	0	2,177
MOT-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,422
MOT-4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MOT-5	0	0	0	0	0	0	0	0	24	0	0	0	0	0	0	0
MOT-6	2500	0	0	0	0	200	61	1,298	0	0	0	0	0	0	0	162
MOT-7	250	0	2	0	0	20	74	414	24	0	0	0	0	0	0	0
MOT-8	0	0	0	0	0	0	75	0	18	0	0	0	0	0	0	0
MOT-9	0	0	0	0	0	0	30	0	0	0	0	0	0	0	0	0
MLK WM STAGING	275	0	0	0	0	22	0	96	0	0	0	0	0	0	0	0
MLK PIER STAGING	438	0	0	0	0	35	0	34	0	0	0	0	0	0	0	0
STAGE 1B TOTALS	5,638	0	4	0	0	449	240	3,994	66	0	0	0	0	0	0	4,310
STAGE 2A-1																
MOT-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MOT-2	2125	5863	0	0	0	170	0	0	0	0	0	0	0	0	0	0
MOT-3	0	0	1	0	0	0	25	52	0	0	0	0	0	0	0	0
MOT-4	0	0	0	0	1	0	75	189	0	0	0	0	0	0	0	0
MOT-5	0	0	0	0	0	0	16	0	24	0	0	0	0	0	0	0
MOT-6	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
MOT-7	0	0	0	0	1	0	0	0	0	0	0	0	0	0	38	0
MOT-8	0	0	0	0	0	0	0	0	24	0	0	0	0	0	0	0
MOT-9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STAGE 2A-1 TOTALS	2,125	5,863	1	0	4	170	116	241	48	0	0	0	0	0	38	0
STAGE 2A-2																
MOT-1	638	1000	0	0	0	51	0	0	0	0	0	0	0	0	0	0
MOT-2	0	0	0	0	2	0	0	0	24	0	0	0	0	0	7	0
STAGE 2A-2 TOTALS	638	1,000	0	0	2	51	0	0	24	0	0	0	0	0	7	0
STAGE 2B-1																
MOT-1	0	1063	0	0	0	0	0	0	0	0	0	0	0	87	0	0
MOT-2	0	900	0	0	0	0	0	0	0	0	0	0	0	786	0	0
MOT-3	0	813	0	0	2	0	0	0	0	0	0	0	0	0	0	0
MOT-4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MOT-5	0	0	0	0	0	0	0	0	24	0	0	0	0	57	0	0
MOT-6	0	1038	0	0	2	0	0	0	0	0	0	0	0	0	0	0
MOT-7	0	0	0	0	0	0	0	0	24	0	0	0	0	0	38	0
STAGE 2B-1 TOTALS	0	3,813	0	0	4	0	0	0	48	0	0	0	0	930	38	0
STAGE 2B-2																
MOT-1	0	513	0	0	1	0	0	0	0	0	0	0	0	0	0	0
MOT-2	0	0	0	0	0	0	0	0	24	0	0	0	0	0	0	0
END OF CONSTRUCTION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STAGE 2B-2 TOTALS	0	513	0	0	1	0	0	0	24	0	0	0	0	0	0	0
ALLOWANCES	1,009	1,119	1	0	1	80	36	548	24	93	93	93	209	93	8	431
TOTALS	11,096	12,306	6	1	12	884	400	6,026	234	1,023	1,023	1,023	2,299	1,023	91	4,741

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USER NAME = augeungh
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 PLOT DATE = 11/19/2014

DESIGNED - CRH
 DRAWN - CRH
 CHECKED - MJE
 DATE - 11/14/2014

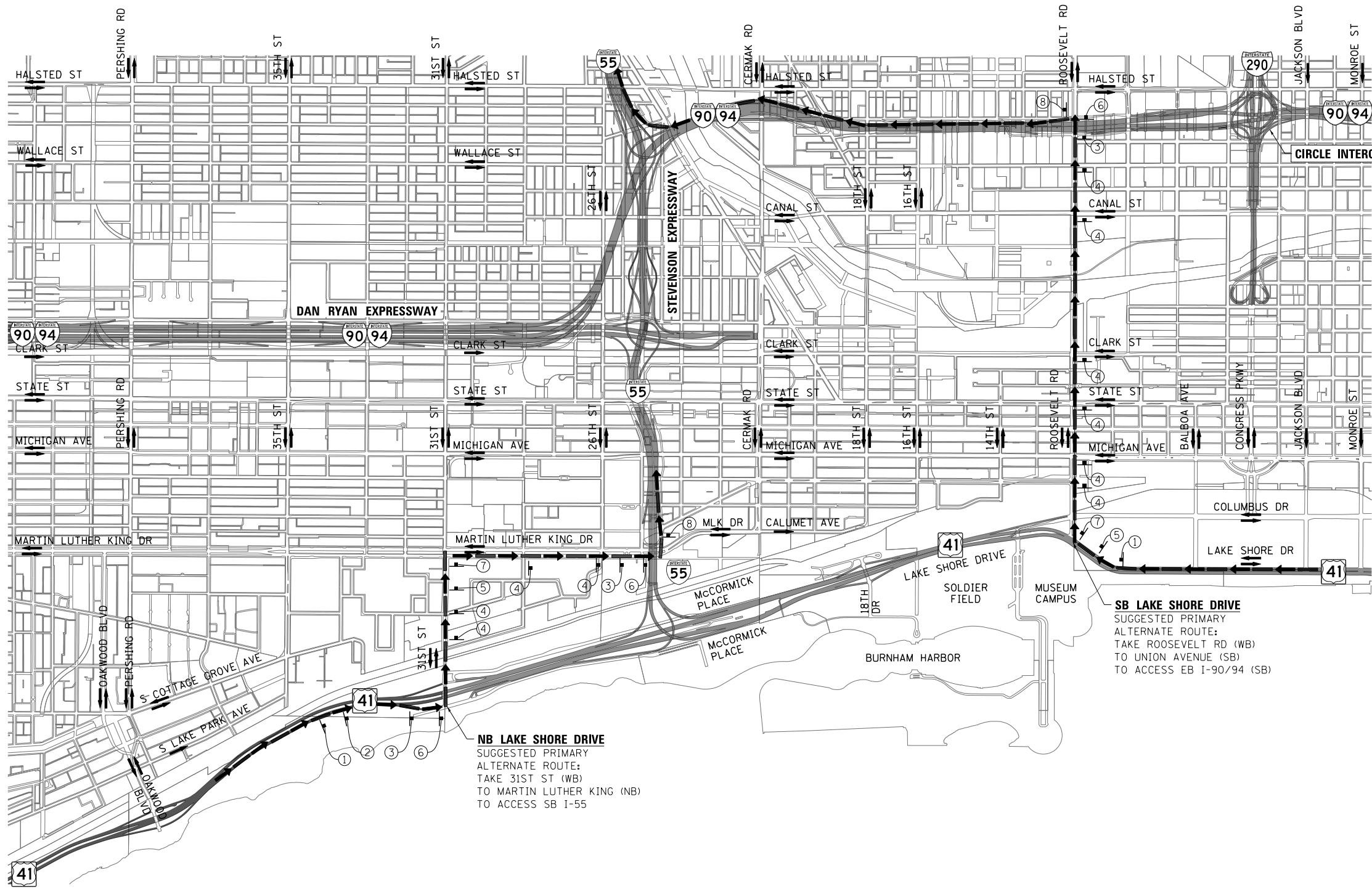
REVISED -
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 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	95
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				



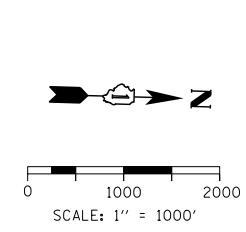
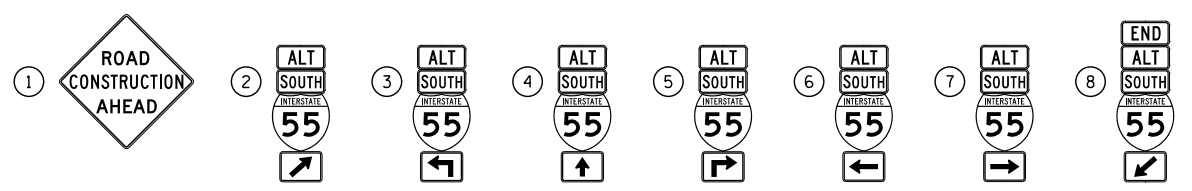
DETOUR SIGNS TYPE & SIZE
(ALL SIGN COLORS SHALL BE ACCORDING TO THE LATEST EDITION OF THE MUTCD)

- M1-1 (24"x24")
- M3-3 (24"x12")
- M4-1a (24"x12")
- M4-6 (24"x12")
- M5-1 (21"x15")
- M5-1 (21"x15")
- M6-1 (21"x15")
- M6-1 (21"x15")
- M6-2 (21"x15")
- M6-2A (21"x15")
- M6-3 (21"x15")
- W20-1103-48

TRAFFIC CONTROL NOTES

1. ALTERNATIVE ROUTE SIGNING MUST BE INSTALLED PRIOR TO CONSTRUCTION OF US ROUTE 41 NORTH AND SOUTH RAMP TO SB I-55.
2. ALTERNATIVE ROUTE SIGNING TO FOLLOW THE LATEST VERSION OF THE MUTCD AND THE IDOT DISTRICT 1 STANDARD DETAIL.
3. PLACEMENT AND SPACING OF SIGNS AND BARRICADES SHALL BE IN ACCORDANCE WITH IDOT DISTRICT 1 STANDARD DETAIL TC-21.
4. ALTERNATIVE ROUTE SIGNS SHALL HAVE A WHITE BACKGROUND WITH BLACK LETTERS.
5. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
6. THE COST OF SUPPLYING, ERECTING AND MAINTAINING BARRICADES, WARNING LIGHTS AND STANDARD SIGNS ALONG ALL ALTERNATE ROUTES SHALL BE INCLUDED IN THE CONTRACT COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).

SIGN ASSEMBLIES



FILE NAME = D:\606170-shr-AltRoute-01.dgn



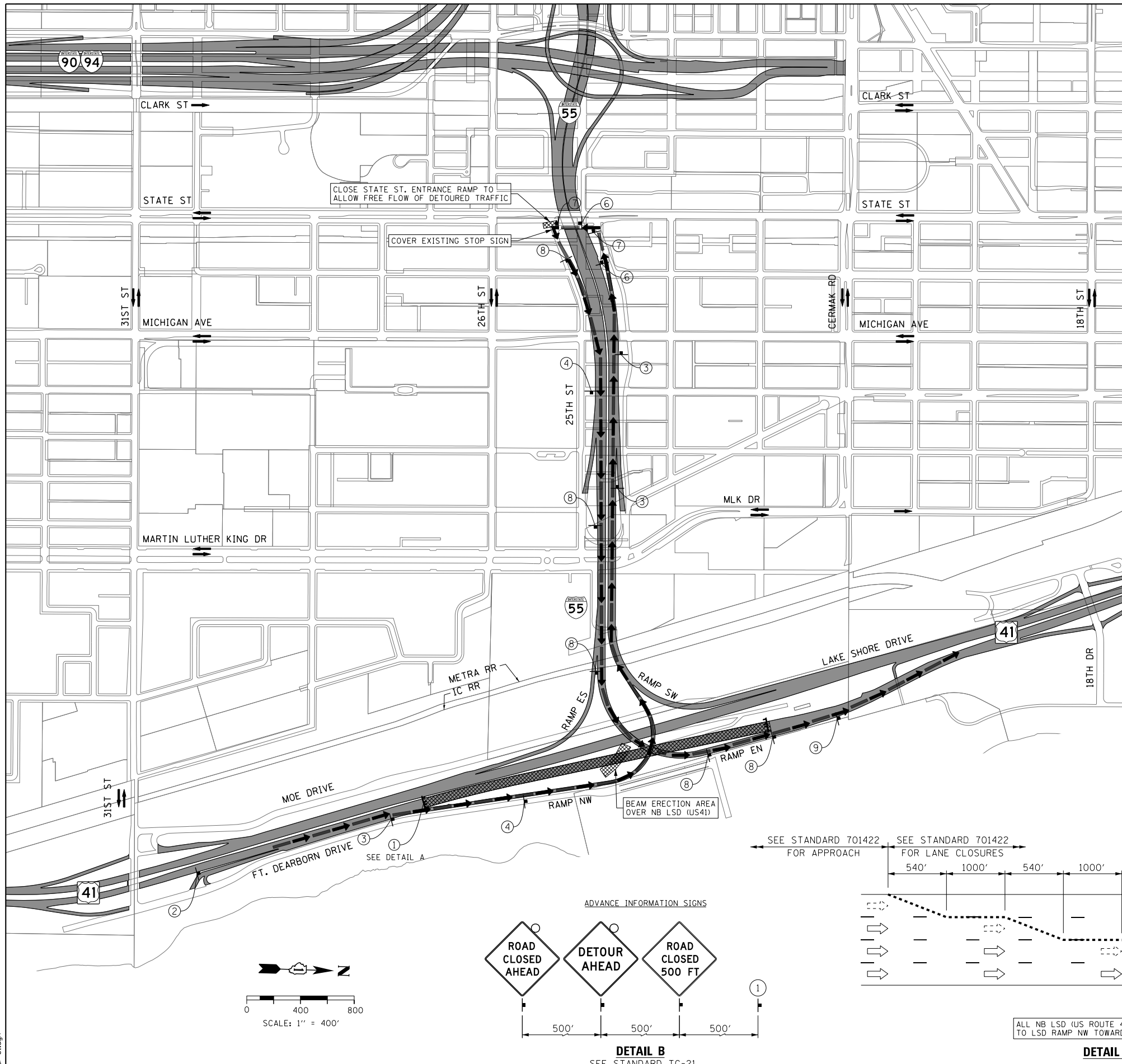
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PLOT SCALE = 1000.0005' / in.	DRAWN - HAY	REVISED -
PLOT DATE = 11/19/2014	CHECKED - MJE	REVISED -
	DATE - 11/14/2014	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALTERNATE ROUTE PLAN
OUTBOUND I-55 (SB)**

SCALE: SHEET NO. 1 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	96
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				

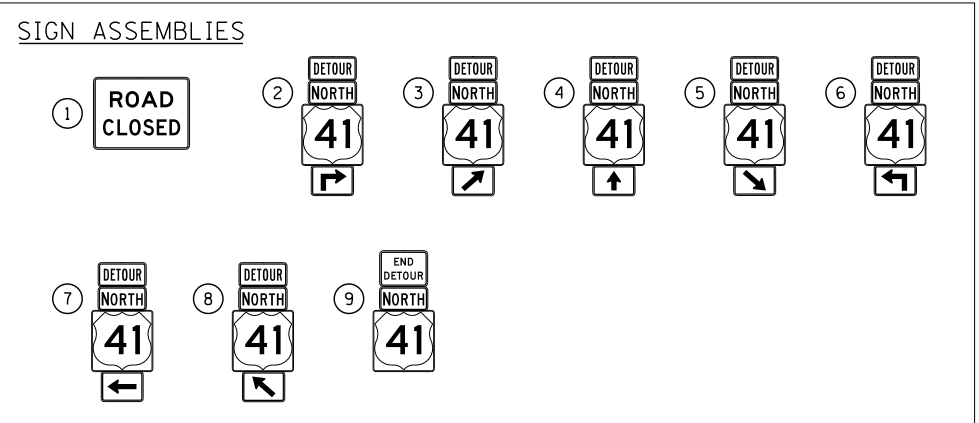


DETOUR SIGNS TYPE & SIZE

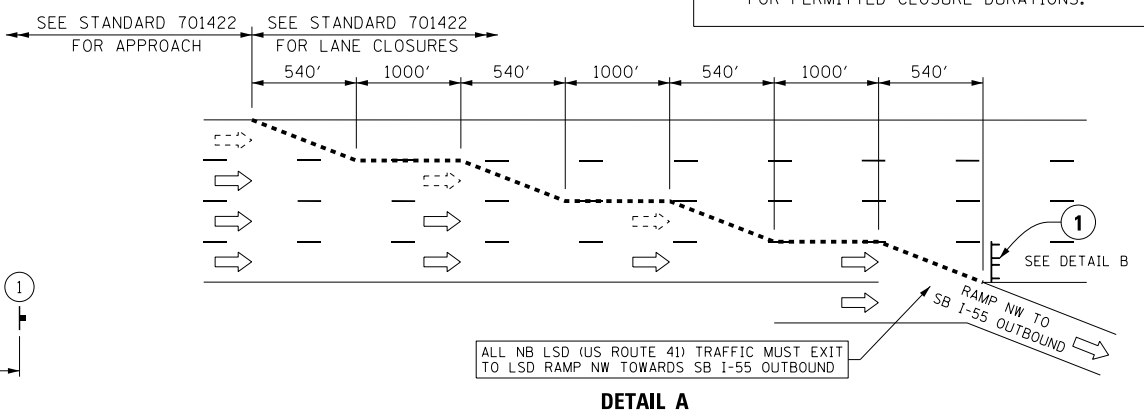
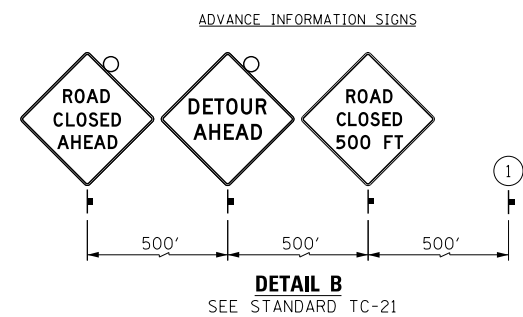
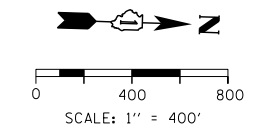
(ALL SIGN COLORS SHALL BE ACCORDING TO THE LATEST EDITION OF THE MUTCD)

	M1-4 (24"x24") * M1-4 (36"x36")		DETOUR AHEAD W20-2 (48"x48")		ROAD CLOSED AHEAD W20-3-48
	M3-1 (24"x12")		ROAD CLOSED R11-2 SEE TC-21 FOR SIGN INFORMATION (48"x30")		
	M4-8 (24"x12")				
	M4-8A (24"x18")				
	M5-1 (21"x15") * M5-1 (30"x18")				
	M6-1 (21"x15") * M6-1 (30"x18")				
	M6-2 (21"x15") * M6-2 (30"x18")				
	M6-2A (21"x15") * M6-2A (30"x18")				
	M6-3 (21"x15") * M6-3 (30"x18")				

* SIGN SIZES ALONG NB & SB I-55 IN ACCORDANCE WITH FREEWAY SIGNING GUIDELINES



- ### TRAFFIC CONTROL NOTES
- PRIMARY DETOUR ROUTE: NB LSD TRAFFIC TO TAKE RAMP NW TO SB I-55 OUTBOUND (WB), EXIT AT STATE STREET SB, RETURN EASTBOUND ON NB I-55 INBOUND, USE RAMP EN TO ACCESS NB LSD (US ROUTE 41).
 - DETOUR SIGNING MUST BE INSTALLED PRIOR TO THE CLOSURE OF NB LSD (US ROUTE 41).
 - ROAD CLOSURE SHALL FOLLOW THE LATEST VERSION OF THE IDOT HIGHWAY STANDARDS AND DISTRICT 1 STANDARD DETAIL TC-08 AND TC-21. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION.
 - PLACEMENT AND SPACING OF SIGNS AND BARRICADES SHALL BE IN ACCORDANCE WITH IDOT DISTRICT 1 STANDARD DETAIL TC-08 AND TC-21.
 - ALL DETOUR SIGNS SHALL HAVE AN ORANGE BACKGROUND WITH BLACK LETTERS.
 - THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
 - THE COST OF SUPPLYING, ERECTING AND MAINTAINING BARRICADES, WARNING LIGHTS AND STANDARD SIGNS ALONG ALL DETOUR ROUTES SHALL BE INCLUDED IN THE CONTRACT COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
 - THIS DETOUR CAN ONLY BE USED DURING GIRDER ERECTION UNLESS OTHERWISE APPROVED BY THE ENGINEER. SEE STAGING AND INTERCHANGE RESTRICTIONS SPECIAL PROVISIONS FOR PERMITTED CLOSURE DURATIONS.



LEGEND

	SUGGESTED PRIMARY DETOUR ROUTE FOR NB LSD (US-41)
	TEMPORARY SIGN
	EXISTING SIGN
	EXISTING POLE
	SIGN BARRICADE TYPE III
	TWO-WAY STREET
	ONE-WAY STREET
	BEAM ERECTION AREA AND ROAD CLOSURE

FILE NAME = D:\6\78-shr-DeTour-01.dgn

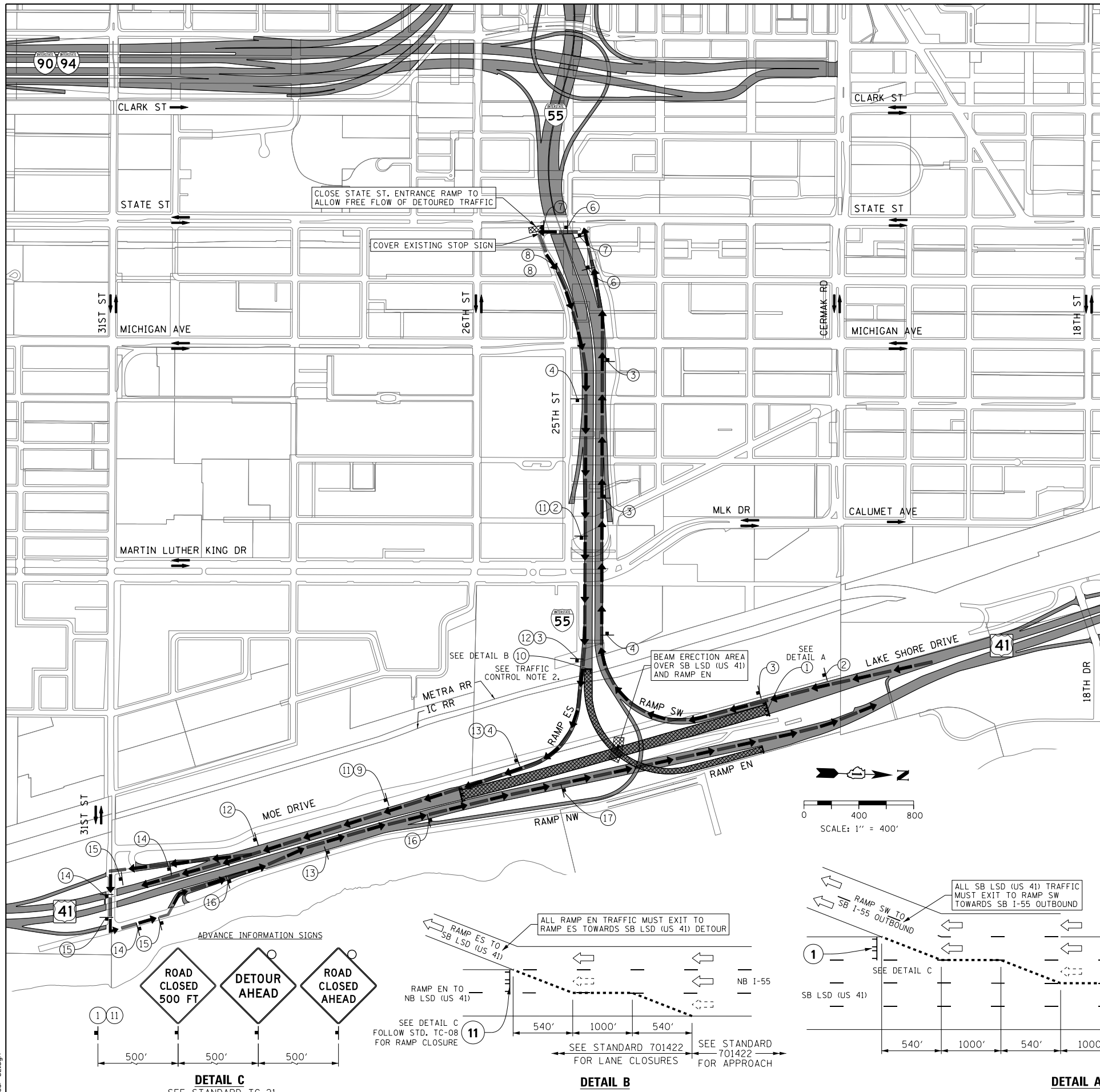


USER NAME = augeungh	DESIGNED - HAY	REVISED -
PLOT SCALE = 400.0002' / in.	DRAWN - HAY	REVISED -
PLOT DATE = 11/19/2014	CHECKED - MJE	REVISED -
	DATE - 11/14/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETOUR PLAN	
NB LAKE SHORE DRIVE (BEAM ERECTION)	
SCALE:	SHEET NO. 2 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	97
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				



DETOUR SIGNS TYPE & SIZE

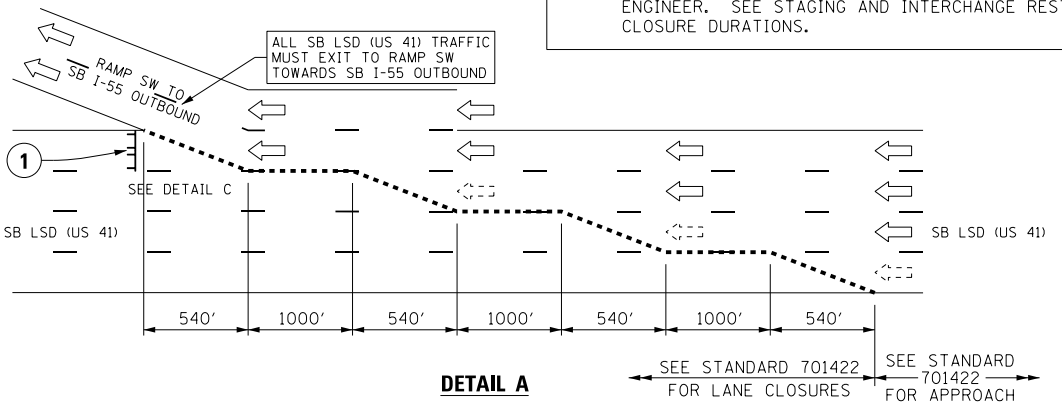
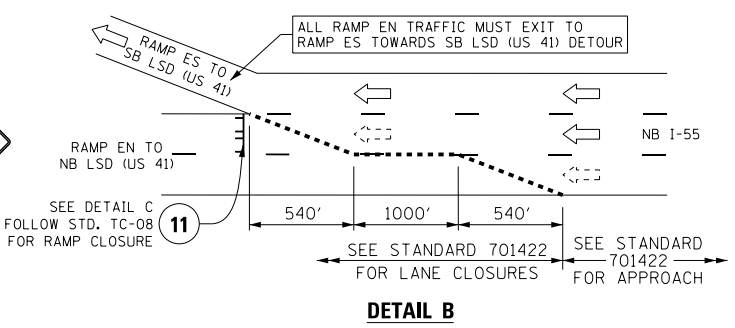
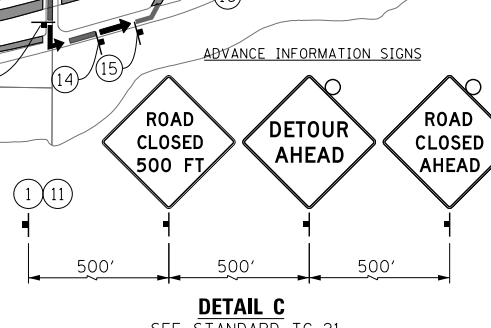
(ALL SIGN COLORS SHALL BE ACCORDING TO THE LATEST EDITION OF THE MUTCD)

	M1-4 (24"x24") * M1-4 (36"x36")		W20-2 (48"x48")		W20-3-48
	M3-1 (24"x12")		W20-3-48		R11-2 SEE TC-21 FOR SIGN INFORMATION (48"x30")
	M3-3 (24"x12")				SEE TC-08 FOR SIGN INFORMATION BLACK LETTERS ON ORANGE BACKGROUND (48"x36")
	M4-8 (24"x12")				
	M4-8A (24"x18")				
	M5-1 (21"x15") * M5-1 (30"x18")				
	M6-1 (21"x15") * M6-1 (30"x18")				
	M6-2 (21"x15") * M6-2 (30"x18")				
	M6-2A (21"x15") * M6-2A (30"x18")				
	M6-3 (21"x15") * M6-3 (30"x18")				

* SIGN SIZES ALONG NB & SB I-55 IN ACCORDANCE WITH FREEWAY SIGNING GUIDELINES

SIGN ASSEMBLIES

- ### TRAFFIC CONTROL NOTES
- PRIMARY DETOUR ROUTE (SB LSD): TAKE RAMP SW TO SB I-55 OUTBOUND, EXIT AT STATE STREET SB, RETURN EASTBOUND ON NB I-55 INBOUND, USE RAMP ES TO ACCESS SB LSD (US ROUTE 41).
 - PRIMARY DETOUR ROUTE (RAMP EN): TAKE RAMP RAMP ES TO ACCESS SB LSD (US ROUTE 41), EXIT AT 31ST ST EB, RETURN NORTHBOUND ON NB LSD (US ROUTE 41).
 - DETOUR SIGNING MUST BE INSTALLED PRIOR TO THE CLOSURE OF SB LSD (US ROUTE 41) AND RAMP EN.
 - ROAD CLOSURE SHALL FOLLOW THE LATEST VERSION OF THE IDOT HIGHWAY STANDARDS AND DISTRICT 1 STANDARD DETAIL TC-21 & TC-08. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION.
 - PLACEMENT AND SPACING OF SIGNS AND BARRICADES SHALL BE IN ACCORDANCE WITH IDOT DISTRICT 1 STANDARD DETAIL TC-08 AND TC-21.
 - ALL DETOUR SIGNS SHALL HAVE AN ORANGE BACKGROUND WITH BLACK LETTERS.
 - THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
 - THE COST OF SUPPLYING, ERECTING AND MAINTAINING BARRICADES, WARNING LIGHTS AND STANDARD SIGNS ALONG ALL DETOUR ROUTES SHALL BE INCLUDED IN THE CONTRACT COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
 - THIS DETOUR CAN ONLY BE USED DURING GIRDER ERECTION UNLESS OTHERWISE APPROVED BY THE ENGINEER. SEE STAGING AND INTERCHANGE RESTRICTIONS SPECIAL PROVISIONS FOR PERMITTED CLOSURE DURATIONS.



LEGEND

- SUGGESTED PRIMARY DETOUR ROUTE SB LSD (US-41) AND RAMP EN
- TEMPORARY SIGN
- EXISTING SIGN
- EXISTING POLE
- SIGN BARRICADE TYPE III
- TWO-WAY STREET
- ONE-WAY STREET
- BEAM ERECTION AREA AND ROAD CLOSURES

FILE NAME = D:\6\178-shr-Detour-02.dgn



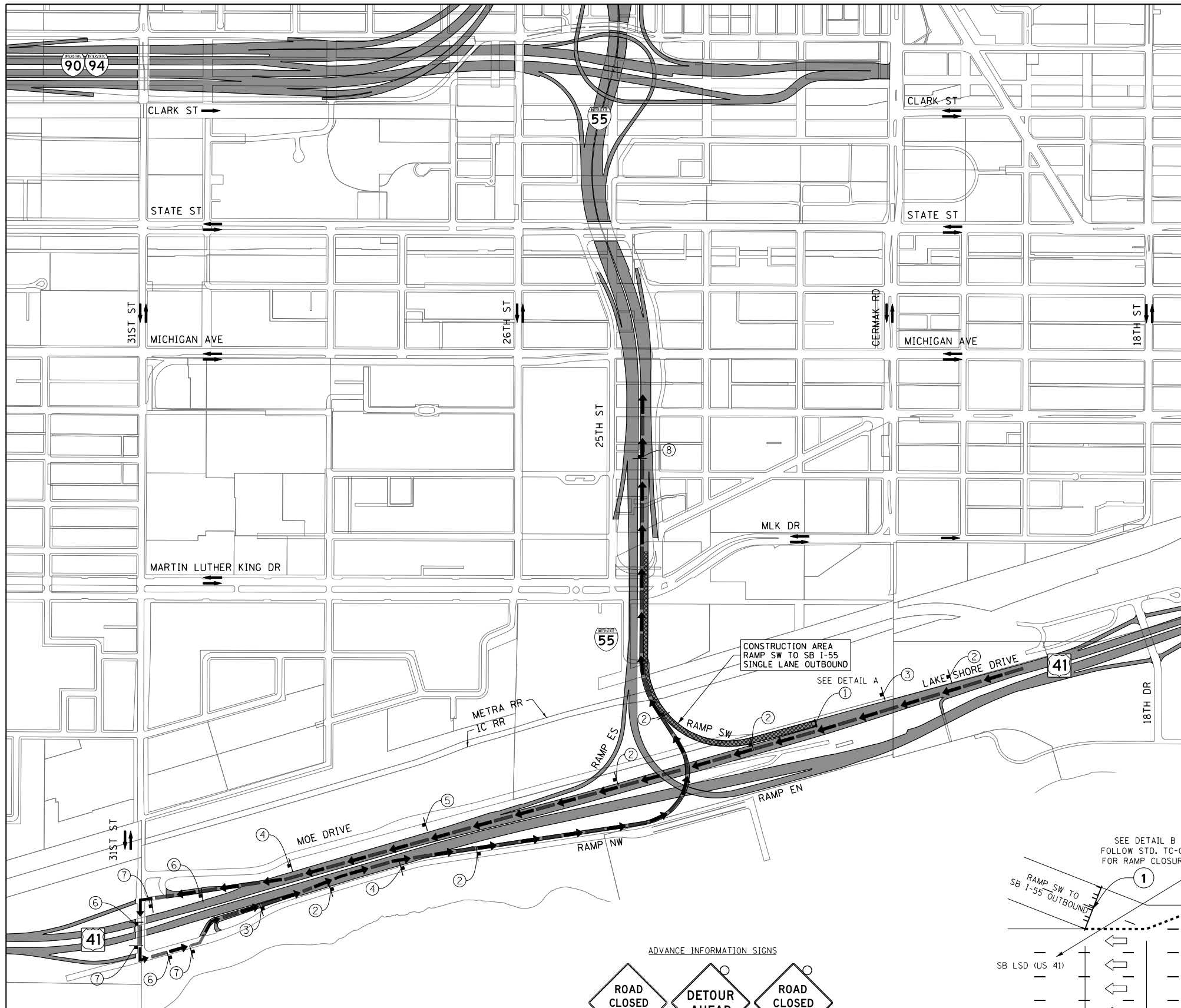
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	DATE - 11/14/2014	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

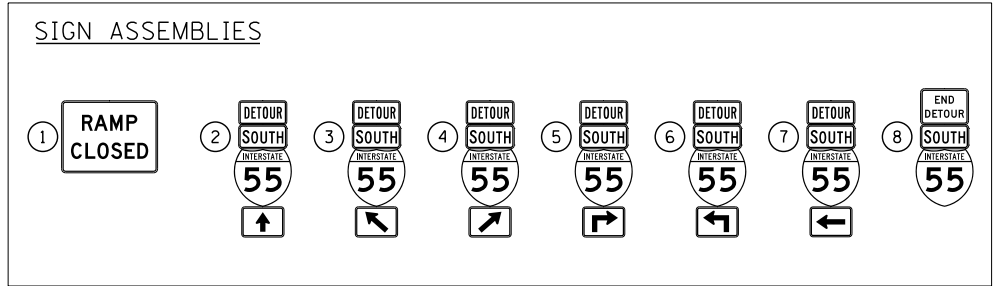
**DETOUR PLAN
SB LAKE SHORE DRIVE AND RAMP EN (BEAM ERECTION)**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	98
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				

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



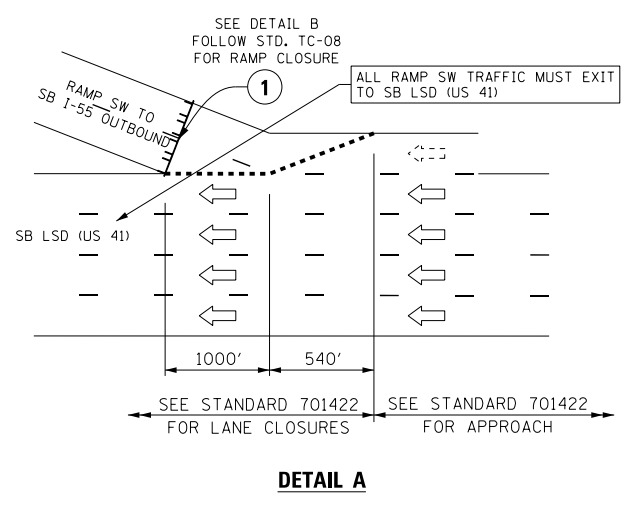
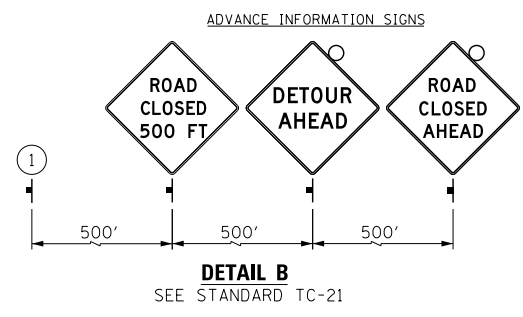
DETOUR SIGNS TYPE & SIZE	
(ALL SIGN COLORS SHALL BE ACCORDING TO THE LATEST EDITION OF THE MUTCD)	
	M1-1 (24"x24") * M1-1 (36"x36")
	M3-3 (24"x12")
	M4-8 (24"x12")
	M4-8A (24"x18")
	M5-1 (21"x15") * M5-1 (30"x18")
	M6-1 (21"x15") * M6-1 (30"x18")
	M6-2 (21"x15") * M6-2 (30"x18")
	M6-2A (21"x15") * M6-2A (30"x18")
	M6-3 (21"x15") * M6-3 (30"x18")
	W20-2 (48"x48")
	W20-3-48
	W20-3-48
	SEE TC-08 FOR SIGN INFORMATION BLACK LETTERS ON ORANGE BACKGROUND (48"x36")
* SIGN SIZES ALONG NB & SB I-55 IN ACCORDANCE WITH FREEWAY SIGNING GUIDELINES	



- TRAFFIC CONTROL NOTES**
- PRIMARY DETOUR ROUTE (RAMP SW TO SB I-55 OUTBOUND): TAKE SB LSD (US ROUTE 41), EXIT AT 31ST ST EB, RETURN NORTHBOUND ON NB LSD (US ROUTE 41), USE RAMP NW TO ACCESS SB I-55 OUTBOUND.
 - DETOUR SIGNING MUST BE INSTALLED PRIOR TO THE CLOSURE OF RAMP SW AND LANES 2 & 3 OF SB I-55 OUTBOUND.
 - ROAD CLOSURE SHALL FOLLOW THE LATEST VERSION OF THE IDOT HIGHWAY STANDARDS AND DISTRICT 1 STANDARD DETAIL TC-08 AND TC-21. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION.
 - PLACEMENT AND SPACING OF SIGNS AND BARRICADES SHALL BE IN ACCORDANCE WITH IDOT DISTRICT 1 STANDARD DETAIL TC-08 AND TC-21.
 - ALL DETOUR SIGNS SHALL HAVE AN ORANGE BACKGROUND WITH BLACK LETTERS.
 - THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
 - THE COST OF SUPPLYING, ERECTING AND MAINTAINING BARRICADES, WARNING LIGHTS AND STANDARD SIGNS ALONG ALL DETOUR ROUTES SHALL BE INCLUDED IN THE CONTRACT COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
 - THIS DETOUR CAN ONLY BE USED DURING GIRDER ERECTION UNLESS OTHERWISE APPROVED BY THE ENGINEER. SEE STAGING AND INTERCHANGE RESTRICTIONS SPECIAL PROVISIONS FOR PERMITTED CLOSURE DURATIONS.

LEGEND

	SUGGESTED PRIMARY DETOUR ROUTE FOR RAMP SW
	TEMPORARY SIGN
	EXISTING SIGN
	EXISTING POLE
	SIGN BARRICADE TYPE III
	TWO-WAY STREET
	ONE-WAY STREET
	BEAM ERECTION AREA AND ROAD CLOSURE



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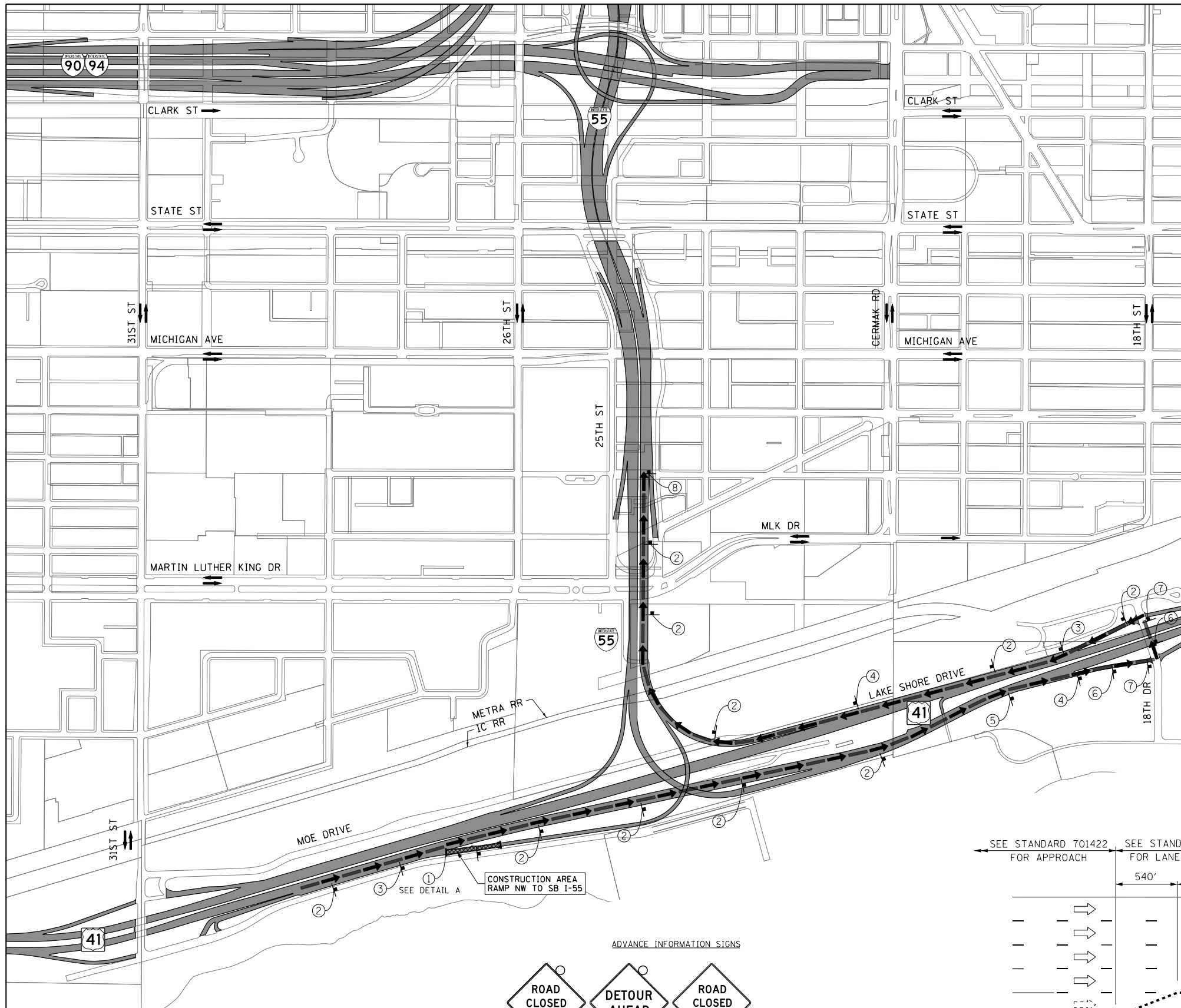


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PLOT SCALE = 400.0002' / in.	DRAWN - HAY	REVISED -
PLOT DATE = 11/19/2014	CHECKED - MJE	REVISED -
	DATE - 11/14/2014	REVISED -

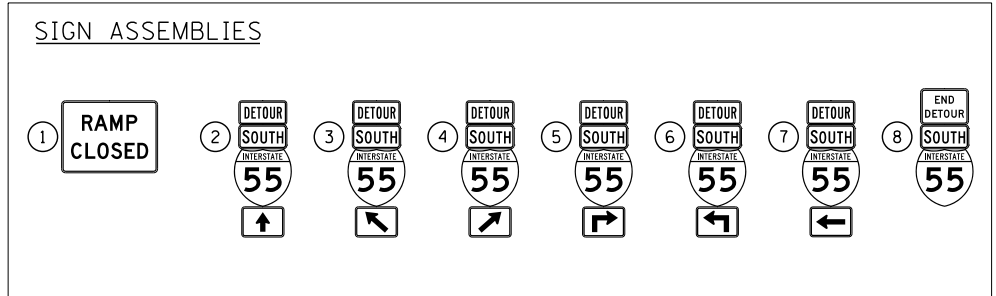
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETOUR PLAN	
RAMP SW AND SB I-55 (BEAM ERECTION)	
SCALE:	SEE STANDARD 701422 FOR LANE CLOSURES
SHEET NO. 4 OF 5 SHEETS	SEE STANDARD 701422 FOR APPROACH
STA.	TO STA.

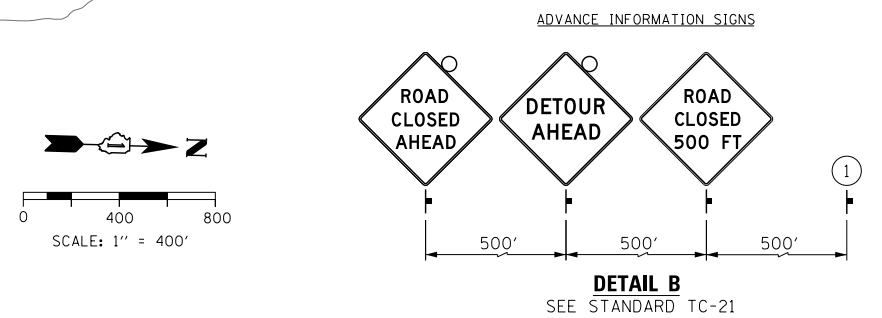
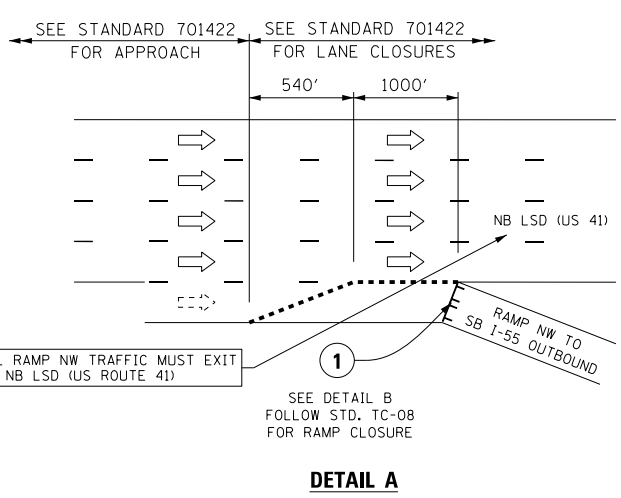
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	99
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				



DETOUR SIGNS TYPE & SIZE	
(ALL SIGN COLORS SHALL BE ACCORDING TO THE LATEST EDITION OF THE MUTCD)	
	M1-1 (24"x24") * M1-1 (36"x36")
	M3-3 (24"x12")
	M4-8 (24"x12")
	M4-8A (24"x18")
	M5-1 (21"x15") * M5-1 (30"x18")
	M6-1 (21"x15") * M6-1 (30"x18")
	M6-2 (21"x15") * M6-2 (30"x18")
	M6-2A (21"x15") * M6-2A (30"x18")
	M6-3 (21"x15") * M6-3 (30"x18")
	W20-2 (48"x48")
	W20-3-48
	W20-3-48
	SEE TC-08 FOR SIGN INFORMATION BLACK LETTERS ON ORANGE BACKGROUND (48"x36")
* SIGN SIZES ALONG NB & SB I-55 IN ACCORDANCE WITH FREEWAY SIGNING GUIDELINES	



- TRAFFIC CONTROL NOTES**
- PRIMARY DETOUR ROUTE (RAMP NW): TAKE NB LSD (US ROUTE 41), EXIT AT 18th ST WB, RETURN SOUTHBOUND ON SB LSD (US ROUTE 41), USE RAMP SW TO ACCESS SB I-55 OUTBOUND.
 - DETOUR SIGNING MUST BE INSTALLED PRIOR TO THE CLOSURE OF RAMP NW.
 - ROAD CLOSURE SHALL FOLLOW THE LATEST VERSION OF THE IDOT HIGHWAY STANDARDS AND DISTRICT 1 STANDARD DETAIL TC-08 and TC-21. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION.
 - PLACEMENT AND SPACING OF SIGNS AND BARRICADES SHALL BE IN ACCORDANCE WITH IDOT DISTRICT 1 STANDARD DETAIL TC-08 AND TC-21.
 - ALL DETOUR SIGNS SHALL HAVE AN ORANGE BACKGROUND WITH BLACK LETTERS.
 - THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
 - THE COST OF SUPPLYING, ERECTING AND MAINTAINING BARRICADES, WARNING LIGHTS AND STANDARD SIGNS ALONG ALL DETOUR ROUTES SHALL BE INCLUDED IN THE CONTRACT COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
 - THIS DETOUR CAN ONLY BE USED DURING TRANSITION FROM STAGE 1B TO STAGE 2A AND DEMOLITION OF VAULTED TERMINAL STRUCTURE UNLESS OTHERWISE APPROVED BY THE ENGINEER. SEE STAGING AND INTERCHANGE RESTRICTIONS SPECIAL PROVISIONS FOR PERMITTED CLOSURE DURATIONS.



LEGEND

	SUGGESTED PRIMARY DETOUR ROUTE FOR RAMP NW
	TEMPORARY SIGN
	EXISTING SIGN
	EXISTING POLE
	SIGN BARRICADE TYPE III
	TWO-WAY STREET
	ONE-WAY STREET
	BEAM ERECTION AREA AND ROAD CLOSURE

FILE NAME = D:\6\170-shr-Detour-04.dgn



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PLOT SCALE = 400.0002' / in.	DRAWN - HAY	REVISED -
PLOT DATE = 11/19/2014	CHECKED - MJE	REVISED -
	DATE - 11/14/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETOUR PLAN
RAMP NW

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-080-B	COOK	886	100
CONTRACT NO. 60L70				
ILLINOIS FED. AID PROJECT				