

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

LOCATION:	ADT (2040):	DESIGN DESIGNATIONS:	POSTED /DESIGN SPEEDS:
NB I-55	70,000	5600 (40) INTERSTATE 5.57(PCC-20)	45 /50 MPH
RAMP ES	23,000	1840 (40) INTERSTATE (RAMP) 2.49(PCC-20)	35 /35 MPH
RAMP EN	47,000	3760 (40) INTERSTATE (RAMP) 2.34(PCC-20)	35 /35 MPH

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	288	1
ILLINOIS CONTRACT NO. 60X07				

D-91-002-11



LOCATION OF SECTION INDICATED THUS: -

F.A.I. ROUTE 55 (STEVENS ON EXPRESSWAY) (I-55)
SECTION: 2013-049B
PROJECT: ACNHPP-0055(475)
RECONSTRUCTION OF I-55 AND
US 41 (LAKE SHORE DRIVE) INTERCHANGE
INBOUND STRUCTURES
COOK COUNTY
C-91-426-13

NPDES PERMIT INFORMATION	
NPDES Disturbed	
Area =	10.60 Acres
Approximate Location of Roadway is :	
Longitude	87° 36' 52.72" W
Latitude	41° 50' 54.25" N

RAMP EN ROAD AND
RETAINING WALL CONSTRUCTION
STA 205+82.00 TO STA 214+61.18

RAMP EN BRIDGE CONSTRUCTION
STA 193+38.50 TO STA 205+89.50

RAMP ES BRIDGE CONSTRUCTION
STA 497+42.05 TO STA 503+47.05

RAMP ES ROAD AND
RETAINING WALL CONSTRUCTION
STA 503+39.55 TO STA 516+50.00



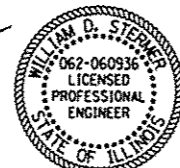
Michael J. Eichten 4/28/15
MICHAEL J. EICHEN, P.E. DATE
LICENSE EXPIRES 11/30/2015
SHEET RANGE 2-201, 225-256,
322



Chris L. Stine 4/28/15
CHRIS L. STINE, P.E. DATE
LICENSE EXPIRES 11/30/2016
SHEET RANGE SEE SHEET 524



Amish T. Bhatt 4/28/15
AMISH T. BHATT, P.E., S.E. DATE
LICENSE EXPIRES 11/30/2016
SHEET RANGE 257-271



William D. Stermer 4/28/15
WILLIAM D. STERMER, P.E. DATE
LICENSE EXPIRES 11/30/2015
SHEET RANGE 282-321, 332-349



Mohsen Farahany 4/28/15
MOHSEN FARAHANY, P.E., S.E. DATE
LICENSE EXPIRES 11/30/2016
SHEET RANGE SEE SHEET 524



Edward E. Yousif 4-28-15
EDWARD E. YOUSIF, P.E. DATE
LICENSE EXPIRES 11/30/2015
SHEET RANGE 202-224

NB I-55 BRIDGE CONSTRUCTION
STA 185+98.50 TO STA 193+38.50

NB I-55 ROAD AND
RETAINING WALL CONSTRUCTION
STA 180+86.00 TO STA 186+06.00

NB I-55 OVER I-55 TURNAROUND
AND MLK DRIVE:

SN 016-0036 (EXIST.)
SN 016-1500 (PROP.)
STRUCTURE REMOVAL AND REPLACEMENT
LENGTH = 740'-0"

RAMP ES OVER LAKE SHORE DRIVE
AND MOE DRIVE:

SN 016-1045 (EXIST.)
SN 016-1502 (PROP.)
STRUCTURE REMOVAL AND REPLACEMENT
LENGTH = 605'-0"

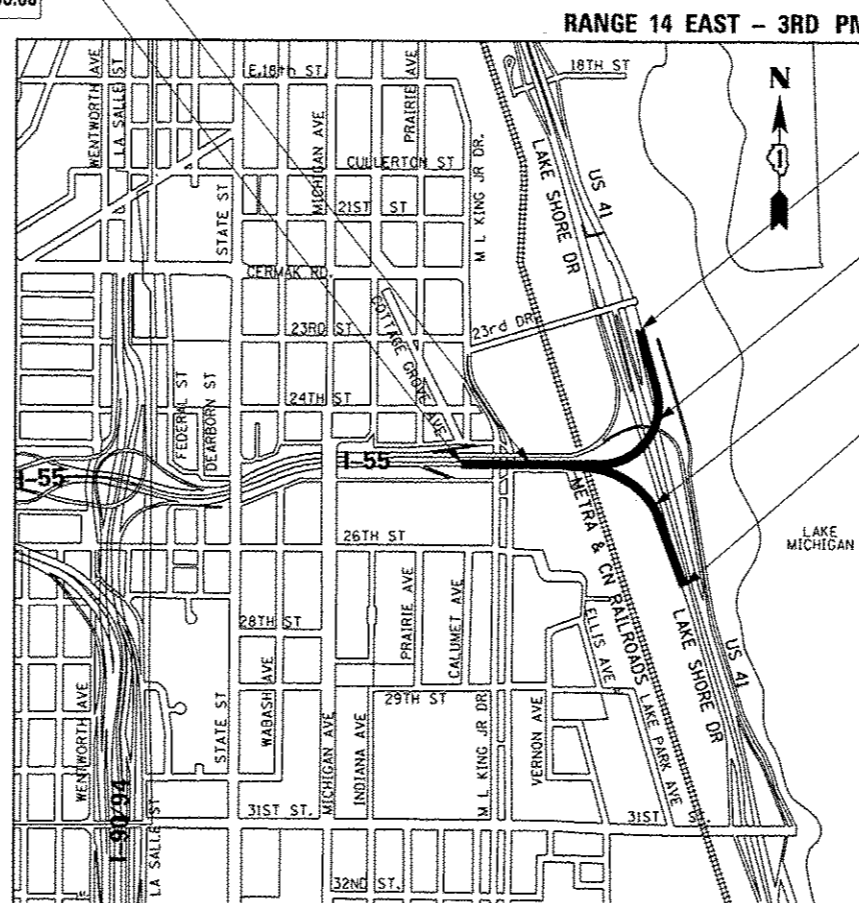
RAMP EN OVER LAKE SHORE DRIVE
MOE DRIVE, MINES DRIVE
AND METRACN RAILROADS:

SN 016-1075 (EXIST.)
SN 016-1503 (PROP.)
STRUCTURE REMOVAL AND REPLACEMENT
LENGTH = 1251'-0"

RECONSTRUCTION OF BRIDGE APPROACH
PAVEMENTS AND APPROACH ROADWAYS

RETAINING WALL CONSTRUCTION:

NB I-55 WALL: SN 016-0766
RAMP ES WALL: SN 016-0773
RAMP EN WALL: SN 016-0778



LOCATION MAP

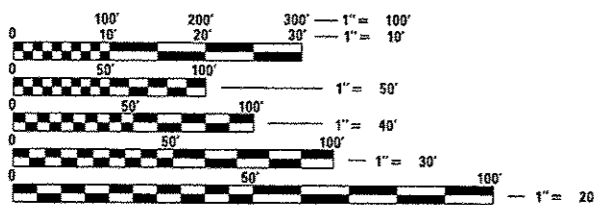
NOT TO SCALE

GROSS LENGTH = 5,283 FT. = 1.001 MILE

NET LENGTH = 5,283 FT. = 1.001 MILE

VOLUME I

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. 60X07

AECOM 303 EAST WACKER DRIVE, SUITE 1400
CHICAGO, IL 60601-5276
PHONE: (312) 313-7700
FAX: (312) 313-6800

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
SUBMITTED *April 30 20 15*
John F. ...
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
June 26 20 15
John D. Baranzelli, P.E. /bc
ENGINEER OF DESIGN AND ENVIRONMENT
June 26 20 15
Omer Osman, P.E. /bc
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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877-888	CROSS SECTIONS - RAMP ES

FILE NAME: 0166067-08131310.dgn



USER NAME = eujar@gh	DESIGNED = CRH	REVISED =
DRAWN = CRH	CHECKED = MJE	REVISED =
PLLOT SCALE = 08.0000' / 1"	DATE = 5/28/2015	REVISED =
PLLOT DATE = 6/24/2015		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

P.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-0488	COOK	888	2
CONTRACT NO. 60X07			ILLINOIS FED. AID PROJECT	

DISTRICT 1 STANDARDS

D1 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 GECCOMPOSITE DRAIN FOR RETAINING WALLS
BD-32	BUTT JOINT AND HMA TAPER DETAILS
BD-34	DETAILS FOR DEPRESSED CURB & GUTTER AND SHOULDER TREATMENT AT TBT TY 1 SPL
BD-36	FIRE HYDRANT TO BE MOVED
BD-46	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-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
TC-08	FREEWAY ENTRANCE AND EXIT RAMP CLOSURE DETAILS
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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
TS-02	MAST ARM MOUNTED STREET NAME SIGNS

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*18	EXPANSION FITTING DETAIL SHEET
TY-ITSC-400*30	JUNCTION BOX "TYPE J" IN DOUBLE FACED BARRIER WALL
TY-ITSC-400*32	3 LAE COUNT STATION
TY-ITSC-400*43	TSC ATMS
TY-ITSC-418*7	LOOP STATUS REPORT
TY-ITSC-418*9	PREFORMED LOOP INSTALLATION IN BRIDGE DECK
TY-ITSC-418*10	PREFORMED LOOP TYPICAL INSTALLATION NON-BRIDGE DECK APPLICATION
TY-ITSC-418*19	PREFORMED LOOP TYPICAL INSTALLATION NEW CONCRETE PAVEMENT
TY-ITSC-418*20	PREFORMED LOOP TYPICAL INSTALLATION NEW CONCRETE PAVEMENT
TY-ITSC-418*21	TRAFFIC SURVEILLANCE 2 LANE SPEED, COUNT, CLASSIFICATION STATION
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*14	TONE ENCLOSURE (BUILDING)

HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-00	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
602001-02	CATCH BASIN TYPE A
602301-04	INLET TYPE A
602401-03	MANHOLE TYPE A
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 8
604061-03	FRAME AND GRATE TYPE 12
604071-05	FRAME AND GRATE TYPE 20
604091-03	FRAME AND GRATE TYPE 24
606001-06	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
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-ROAD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701106-02	OFF-ROAD 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
701601-06	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 = DISTRICT 1 STD 10/20/2015.dwg



USER NAME = mjeung
 PLOT SCALE = 500,0000 1/2 in.
 PLOT DATE = 5/22/2015

DESIGNED = CRH
 DRAWN = DNS
 CHECKED = MJE
 DATE = 5/26/2015

REVISED =
 REVISED =
 REVISED =
 REVISED =

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DISTRICT 1, IDOT TSC STANDARDS,
 HIGHWAY STANDARDS AND COMMITMENTS

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

S.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	888	3
CONTRACT NO. 60X07				
ILLINOIS REG. AND 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 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. THIS WORK WILL BE AT THE CONTRACTOR'S EXPENSE.
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 BE AT THE CONTRACTOR'S EXPENSE. 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. "TEMPORARY ACCESS (ROAD)" WITH A QUANTITY OF 4 (EACH) HAS BEEN INCLUDED IN THE CONTRACT FOR MAINTAINING CONSTRUCTION POINTS OF ACCESS AND FOR 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 AT THE CONTRACTOR'S EXPENSE.
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 RESIDENT ENGINEER SHALL CONTACT THE AREA TRAFFIC FIELD ENGINEER AT (847) 705-453 A MINIMUM OF TWO (2) WEEKS PRIOR TO PLACING THE PERMANENT PAVEMENT MARKINGS.
37. 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.
38. THE CONTRACTOR SHALL TAKE ALL NECESSARY SAFETY PRECAUTIONS TO PROTECT AND PROVIDE ACCESS TO ADJUTING PROPERTY, UTILITIES, PEDESTRIANS, AND VEHICULAR TRAFFIC.
39. 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.
40. 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).
41. THE CONTRACTOR SHALL MAKE THEMSELVES AVAILABLE TO ATTEND MEETINGS WITH IDOT ETP PERSONNEL. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE.
42. ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

FILE NAME: 2106007-01a.dwg



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	DATE = 5/26/2015	REVISIONS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEET SHEETS	NO.
95	2013-049B	COOK	868	4
CONTRACT NO. 60X07				
ILLINOIS FEDERAL AID PROJECT				

GENERAL NOTES

43. ALL PIPE UNDERDRAINS SHALL BE PLACED 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.

44. PRE-STAGE BRIDGE DECK PATCHING

NOMINAL QUANTITIES HAVE BEEN PROVIDED FOR PRE-STAGE BRIDGE DECK 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 PPS 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.

54. THE DEPARTMENT HAS NOT OBTAINED ANY PERMITS FOR OFFSITE BORROW, WASTE, USE (BWU) AREAS, PRIOR TO WORKING IN BWU AREA, 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 (BOE 2289) AND USE/WASTE REVIEW (BOE 2290) SUBMITTALS, THE CONTRACTOR SHALL 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.G.1 AND 2 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 PROVIDED.

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.

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 CONTRACTOR'S RESPONSIBILITY TO RESTORE AND REPLACE THE DAMAGED FACILITIES AT HIS/HER EXPENSE TO THE SATISFACTION OF THE DEPARTMENT OF WATER MANAGEMENT. THE SEWER FLOWS MUST BE MAINTAINED AT ALL TIMES.

7. 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 ON CITY OF CHICAGO FACILITIES 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. ALL PROPOSED SEWER CONNECTIONS MUST MEET I.E.P.A. HORIZONTAL AND VERTICAL SEPARATION REQUIREMENTS WHEN CROSSING UNDER OR PARALLEL TO EXISTING WATER MAINS.

13. 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.

14. 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.

15. 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.

16. THE DEPARTMENT OF WATER MANAGEMENT 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 STATED 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.

17. 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.

18. 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.

19. 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.

20. 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 INSPECTIONS OF ALL SEWER FACILITIES.

21. 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.

22. 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 NOTIFICATION TO THE SEWER SECTION.

COMMITMENTS

NONE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.
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GENERAL NOTES			
F.A.I. RFE.	SECTION	COUNTY	TOTAL SHEETS
55	2013-0498	COOK	858
			SHEET NO. 5
			CONTRACT NO. 60X07

ILLINOIS PED. AND PROJECT

URBAN
90% FED.
10% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE																
				01	02	03	01	02	03	01	02									
				ROADWAY 0004 URBAN	BRIDGE 0011 016-1500	BRIDGE 0011 016-1502	BRIDGE 0011 016-1503	RETAINING WALL 0040 016-0766	RETAINING WALL 0040 016-0773	RETAINING WALL 0040 016-0778	HIGHWAY LIGHTING 0021 URBAN	ROADWAY LIGHTING 0021 URBAN								
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	440	440																
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	544	544																
20101000	TEMPORARY FENCE	FOOT	2172	2172																
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	7655	7655																
20700220	POROUS GRANULAR EMBANKMENT	CU YD	17	17																
20800150	TRENCH BACKFILL	CU YD	3342.8	3342.8																
21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	25303	25303																
21301072	EXPLORATION TRENCH 72" DEPTH	FOOT	20	20																
25000210	SEEDING, CLASS 2A	ACRE	5.25	5.25																
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	471	471																
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	471	471																

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 1 OF 28 SHEETS STA. TO STA.

F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	288	6
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X07	

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URBAN
90% FED.
10% STATE

CONSTRUCTION CODE

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	016-1500	016-1502	016-1503	016-0766	016-0773	016-0778	URBAN	URBAN
25100115	MULCH, METHOD 2	ACRE	8.50	8.50								
25100630	EROSION CONTROL BLANKET	SQ YD	25303	25303								
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	900	900								
28000400	PERIMETER EROSION BARRIER	FOOT	5166	5166								
28000510	INLET FILTERS	EACH	173	173								
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	14278	14278								
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	1268	1268								
31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	1515	1515								
31102100	SUBBASE GRANULAR MATERIAL, TYPE C 4"	SQ YD	2352	2352								
31200500	STABILIZED SUBBASE - HOT-MIX ASPHALT. 4"	SQ YD	8507	8507								
42000416	PORTLAND CEMENT CONCRETE PAVEMENT 9 3/4" (JOINTED)	SQ YD	6969	6969								
42000500	PORTLAND CEMENT CONCRETE PAVEMENT 10"	SQ YD	825	825								
42001200	PAVEMENT FABRIC	SQ YD	1068	1068								
42001300	PROTECTIVE COAT	SQ YD	18677	18677								

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM

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	DATE: 5/26/2015	REVISIONS:

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 2 OF 28 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	888	7
CONTRACT NO. 60X07				
ILLINOIS FED. AID PROJECT				

URBAN
90% FED.
10% STATE

CONSTRUCTION CODE

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	016-1500	016-1502	016-1503	016-0766	016-0773	016-0778	URBAN	URBAN								
42001420	BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)	SQ YD	1068	1068																
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	38	38																
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	6857.0	6857.0																
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	72.0	72.0																
44000100	PAVEMENT REMOVAL	SQ YD	5184	5184																
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	5049.0	5049.0																
44000600	SIDEWALK REMOVAL	SQ FT	7906	7906																
44001980	CONCRETE BARRIER REMOVAL	FOOT	443	443																
44004250	PAVED SHOULDER REMOVAL	SQ YD	1570	1570																
44200559	CLASS A PATCHES, TYPE IV, 10 INCH	SQ YD	596	596																
44200970	CLASS B PATCHES, TYPE II, 10 INCH	SQ YD	27	27																
44201353	CLASS C PATCHES, TYPE II, 10 INCH	SQ YD	14	14																
44201359	CLASS C PATCHES, TYPE IV, 10 INCH	SQ YD	197	197																
44201717	CLASS D PATCHES, TYPE II, 6 INCH	SQ YD	6	6																

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM



USER NAME	DESIGNED - CRH	REVISED
PLOT SCALE = 80.0000 / 1 in.	DRAWN - CRH	REVISED
PLOT DATE = 5/25/2015	CHECKED - MJE	REVISED
	DATE = 5/26/2015	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

P.A.I. RATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-0498	COOK	888	3
			CONTRACT NO. 60X07	

FILE NAME: 0102007-504-900-01-Quantity

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

ILLINOIS FED. AID PROJECT

URBAN
90% FED.
10% STATE

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	016-1500	016-1502	016-1503	016-0766	016-0773	016-0778	URBAN	URBAN		
44201721	CLASS D PATCHES, TYPE III, 6 INCH	SQ YD	50	50										
44201723	CLASS D PATCHES, TYPE IV, 6 INCH	SQ YD	2973	2973										
44201753	CLASS D PATCHES, TYPE II, 9 INCH	SQ YD	38	38										
44201759	CLASS D PATCHES, TYPE IV, 9 INCH	SQ YD	54	54										
44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SQ YD	114	114										
44213100	PAVEMENT FABRIC	SQ YD	595	595										
44213200	SAW CUTS	FOOT	1066	1066										
44213204	TIE BARS 3/4"	EACH	501	501										
48300415	PORTLAND CEMENT CONCRETE SHOULDERS 9 3/4"	SQ YD	2913	2913										
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	SQ YD	1642			572	464	606						
50200100	STRUCTURE EXCAVATION	CU YD	5062			148	205	544	1530	1334	1301			

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM



USER NAME: mjg/mjg
DESIGNED: CRH
DRAWN: CRH
CHECKED: MJE
DATE: 5/26/2015
PLOT SCALE: 50:1
PLOT DATE: 5/25/2015

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 4 OF 28 SHEETS STA. TO STA.

P.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS
55	2013-0498	COOK	889 3
			CONTRACT NO. 60X07

ILLINOIS FED. AID PROJECT

FILE NAME: 60X07-Sub 60X07-All Sheets.dwg

URBAN
90% FED
10% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	HIGHWAY LIGHTING	ROADWAY LIGHTING
				0004 URBAN	0011 016-1500	0011 016-1502	0011 016-1503	0040 016-0766	0040 016-0773	0040 016-0778	0021 URBAN	0021 URBAN
50300225	CONCRETE STRUCTURES	CU YD	2624.0	22.0	830.0	385.0	1387.0					
50300254	RUBBED FINISH	SQ FT	6830			2496	4334					
50300255	CONCRETE SUPERSTRUCTURE	CU YD	6250.0		1713.6	916.4	2337.8	675.4	277.2	529.6		
50300285	FORM LINER TEXTURED SURFACE	SQ FT	3369			1210	2159					
50300300	PROTECTIVE COAT	SQ YD	21532		6486	3351	8660	1600	649	786		
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	LSUM	1		0.35	0.19	0.46					
50500505	STUD SHEAR CONNECTORS	EACH	54,737		17388	9912	29,437					
50800105	REINFORCEMENT BARS	POUND	743439		170910	121920	450609					
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	2254880	37260	669530	348830	1016300	94770	39910	48280		
50800515	BAR SPLICERS	EACH	9585		2841	2231	4513					
50800530	MECHANICAL SPLICERS	EACH	2326		694	186	1446					
51500100	NAME PLATES	EACH	6		1	1	1	1	1	1		
51603000	DRILLED SHAFT IN SOIL	CU YD	2713.2	136.1	900.1	392.1	1284.9					
51604000	DRILLED SHAFT IN ROCK	CU YD	123.0		43.5	17.7	61.8					

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM



USER NAME: kuyajungp	DESIGNED: CRH	REVISED: -
DRAWN: CRH	CHECKED: MJE	REVISED: -
PLOT SCALE: 1/8" = 1'-0"	DATE: 5/26/2015	REVISED: -
PLOT DATE: 5/29/2015		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 5 OF 28 SHEETS STA. TO STA.

F.A.T. RTE. 55	SECTION 2013-049B	COUNTY COOK	TOTAL SHEETS 888	SHEET NO. 10
CONTRACT NO. 60X07			ILLINOIS FED. AID PROJECT	

Rev.

FILE NAME: D:\60X07-She-501-011-Struct.dwg

URBAN
90% FED,
10% STATE

CONSTRUCTION CODE

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	016-1500	016-1502	016-1503	016-0766	016-0773	016-0778	URBAN	URBAN
52100020	ELASTOMERIC BEARING ASSEMBLY, TYPE II	EACH	21				21					
52100030	ELASTOMERIC BEARING ASSEMBLY, TYPE III	EACH	18		18							
52100510	ANCHOR BOLTS, 3/4"	EACH	78		36		42					
52100520	ANCHOR BOLTS, 1"	EACH	324			120	204					
52100530	ANCHOR BOLTS, 1 1/4"	EACH	120		72	24	24					
52100540	ANCHOR BOLTS, 1 1/2"	EACH	78		36		42					
54248510	CONCRETE COLLAR	CU YD	2	2								
550A0110	STORM SEWERS, CLASS A, TYPE 1 21"	FOOT	77	77								
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	1501	1501								
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	791	791								
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	143	143								
550A0400	STORM SEWERS, CLASS A, TYPE 2 21"	FOOT	206	206								
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	713	713								
550A0630	STORM SEWERS, CLASS A, TYPE 3 10"	FOOT	4	4								

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM



USER NAME * awg@illinois.gov	DESIGNED - CRH	REVISED -
DRAWN - CRH	CHECKED - MJE	REVISED -
DATE - 5/26/2015		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE:	SHEET NO. 6 OF 25 SHEETS	STA. TO STA.	F.A.I. RTE. 55	SECTION 2013-049B	COUNTY COOK	TOTAL SHEETS 888	SHEET NO. 11
						CONTRACT NO. 60X07	
ILLINOIS FED. AID PROJECT							

Rev.

FILE NAME: I:\60X07-54-500-011-Sheets.dwg

URBAN
90% FED.
10% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	HIGHWAY LIGHTING	ROADWAY LIGHTING
				0004 URBAN	0011 016-1500	0011 016-1502	0011 016-1503	0040 016-0766	0040 016-0773	0040 016-0778	0021 URBAN	0021 URBAN
550A0640	STORM SEWERS, CLASS A, TYPE 3 12"	FOOT	73	73								
550A0710	STORM SEWERS, CLASS A, TYPE 3 24"	FOOT	105	105								
55100300	STORM SEWER REMOVAL 8"	FOOT	862	862								
55100400	STORM SEWER REMOVAL 10"	FOOT	531	531								
55100500	STORM SEWER REMOVAL 12"	FOOT	909	909								
55100700	STORM SEWER REMOVAL 15"	FOOT	303	303								
55100900	STORM SEWER REMOVAL 18"	FOOT	49	49								
55101200	STORM SEWER REMOVAL 24"	FOOT	156	156								
56103900	DUCTILE IRON WATER MAIN, MECHANICAL JOINT 8"	FOOT	10	10								
56104320	DUCTILE IRON WATER MAIN, MECHANICAL JOINT 24"	FOOT	308	308								
56105000	WATER VALVES 8"	EACH	1	1								
56105790	BUTTERFLY VALVES 24"	EACH	3	3								
56400500	FIRE HYDRANTS TO BE REMOVED	EACH	1	1								
56400600	FIRE HYDRANTS	EACH	1	1								

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM

FILE NAME: 0160007-004-003-011-Spec-000



USER NAME: R. Housheer	DESIGNED: CRH	REVISED: -
DRAWN: CRH	CHECKED: MJE	REVISED: -
DATE: 5/26/2015		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 7 OF 28 SHEETS STA. TO STA.

F.A.I. R.I.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SS	2013-0498	COOK	888	12
CONTRACT NO. 60X07				

ILLINOIS FED. AID PROJECT

URBAN
90% FED,
10% STATE

CONSTRUCTION CODE

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	016-1500	016-1502	016-1503	016-0766	016-0773	016-0778	URBAN	URBAN			
58700300	CONCRETE SEALER	SQ FT	40708		14367	4748	21593								
60107700	PIPE UNDERDRAINS 6"	FOOT	1615	1615											
60108200	PIPE UNDERDRAINS 6" (SPECIAL)	FOOT	200	200											
60200105	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	3	3											
60200205	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	6	6											
60200805	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 8 GRATE	EACH	3	3											
60201205	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 12 FRAME AND GRATE	EACH	5	5											
60201310	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 20 FRAME AND GRATE	EACH	6	6											
60201340	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1	1											
60218400	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	16	16											
60221100	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5	5											
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	2	2											
60235300	INLETS, TYPE A, TYPE 1 FRAME, CLOSED LID	EACH	2	2											
60236900	INLETS, TYPE A, TYPE 12 FRAME AND GRATE	EACH	3	3											

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM



USER NAME = alymugh	DESIGNED = CRH	REVISOR =
DRAWN = CRH	CHECKED = MJE	REVISIONS =
PLOT SCALE = 5/8"=1'-0"	DATE = 5/26/2015	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 9 OF 28 SHEETS STA. TO STA.

P.A.I. RTE. 55	SECTION 2013-049B	COUNTY COOK	TOTAL SHEETS 888	SHEET NO. 13
CONTRACT NO. 60X07			ILLINOIS FED. AID PROJECT	

FILE NAME: \\s010001\proj\2013\2013-049B\2013-049B.dwg

URBAN
90% FED,
10% STATE

CONSTRUCTION CODE

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	016-1500	016-1502	016-1503	016-0766	016-0773	016-0778	URBAN	URBAN
60237420	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	EACH	3	3								
60250200	CATCH BASINS TO BE ADJUSTED	EACH	5	5								
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	5	5								
60255500	MANHOLES TO BE ADJUSTED	EACH	4	4								
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	6	6								
60500040	REMOVING MANHOLES	EACH	14	14								
60500050	REMOVING CATCH BASINS	EACH	38	38								
60500105	FILLING MANHOLES	EACH	8	8								
60500205	FILLING CATCH BASINS	EACH	5	5								
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	2117.0	2117.0								
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	1149.0	1149.0								
60618320	CONCRETE MEDIAN SURFACE, 6 INCH	SQ FT	7831	7831								
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	2	2								
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	2								

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM



USER NAME	DESIGNED - CRH	REVISIONS
DRAWN - CRH	CHECKED - MJE	REVISIONS
DATE - 5/26/2015		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE:	SHEET NO. 9 OF 28 SHEETS	STA.	TO STA.	F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				55	2013-049B	COOK	282	14
								CONTRACT NO. 60X07
ILLINOIS FED. AID PROJECT								

FILE NAME: 21060007-55x-500-011 Sheet.dgn

URBAN
90% FED.
10% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	HIGHWAY LIGHTING	ROADWAY LIGHTING
				0004 URBAN	0011 016-1500	0011 016-1502	0011 016-1503	0040 016-0766	0040 016-0773	0040 016-0778	0021 URBAN	0021 URBAN
63200310	GUARDRAIL REMOVAL	FOOT	579	579								
63302000	REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE 2	EACH	1	1								
63700175	CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT	FOOT	186	186								
63700275	CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT	FOOT	90	90								
63700805	CONCRETE BARRIER TRANSITION	FOOT	25	25								
63700900	CONCRETE BARRIER BASE	FOOT	301	301								
64300770	IMPACT ATTENUATORS (SEVERE USE, NARROW), TEST LEVEL 3	EACH	2	2								
66400305	CHAIN LINK FENCE, 6'	FOOT	99	99								
66408000	CHAIN LINK GATES, 6' X 20' DOUBLE	EACH	3	3								
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	20,700	20,700								
* 66900210	HAZARDOUS WASTE DISPOSAL	CU YD	200	200								
* 66900450	SPECIAL WASTE PLANS AND REPORTS	LSUM	1	1								
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	10	10								
* 66901000	BACKFILL PLUGS	CU YD	35	35								
* 70007510	ENGINEERED BARRIER	SQ YD	2900	2900								

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM

FILE NAME: I:\14627-STATE-SDI-RII-0001.dgn



USER NAME: a.guyon
DESIGNED: CRH
DRAWN: CRH
CHECKED: MJE
DATE: 5/26/2015
REVISIONS:
REVISED: -
REVISED: -
REVISED: -
REVISED: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 10 OF 28 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	2013-048B	COOK	888	15
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X07	

Rev.

URBAN
90% FED.
10% STATE

CONSTRUCTION CODE

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	016-1500	016-1502	016-1503	016-0766	016-0773	016-0778	URBAN	URBAN
67100100	MOBILIZATION	LSUM	1	1								
67301100	SEALING ABANDONED MONITORING WELLS	EACH	1	1								
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	34	34								
70300100	SHORT TERM PAVEMENT MARKING	FOOT	148214	148214								
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	10073	10073								
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	35013	35013								
70300530	PAVEMENT MARKING TAPE, TYPE III 5"	FOOT	4405	4405								
70300550	PAVEMENT MARKING TAPE, TYPE III 8"	FOOT	17697	17697								
70300560	PAVEMENT MARKING TAPE, TYPE III 12"	FOOT	1828	1828								
70300570	PAVEMENT MARKING TAPE, TYPE III 24"	FOOT	13	13								
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	29719	29719								
70400100	TEMPORARY CONCRETE BARRIER	FOOT	10,521	10,521								
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	7370	7370								
70600255	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	7	7								

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM



100 EAST WASHINGTON AVENUE, SUITE 1400
CHICAGO, IL 60601-2026
PHONE (312) 375-7000 FAX (312) 375-6000

USER NAME: j.murphy	DESIGNED - CRH	REVISED -
PLOT SCALE = 80:2000 1" = 100'	DRAWN - CRH	REVISED -
PLOT DATE = 5/25/2015	CHECKED - MJE	REVISED -
	DATE = 5/26/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

P.A.I. RFE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-0488	COOK	898	16
CONTRACT NO. 60X07			ILLINOIS FED. AID PROJECT	

Rev.

FILE NAME: I:\BIDDING\94-500-011\Sheet.dwg

URBAN
90% FED.
10% STATE

CONSTRUCTION CODE

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	016-1500	016-1502	016-1503	016-0766	016-0773	016-0778	URBAN	URBAN
70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	4	4								
70600290	IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, WIDE), TEST LEVEL 3	EACH	1	1								
70600332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	4	4								
70600360	IMPACT ATTENUATORS, RELOCATE (SEVERE USE), TEST LEVEL 3	EACH	1	1								
* ** 72000100	SIGN PANEL - TYPE 1	SQ FT	111	111								
* ** 72000200	SIGN PANEL - TYPE 2	SQ FT	64	64								
* ** 72000300	SIGN PANEL - TYPE 3	SQ FT	2128	2128								
* 72100100	SIGN PANEL OVERLAY	SQ FT	291	291								
72300100	INSTALL EXISTING SIGN PANEL	SQ FT	240	240								
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	4	4								
* 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	4	4								
* 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	125	125								
* 72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	148	148								
* 72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	42	42								

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM



USER NAME: aegwong
DESIGNED: CRH
DRAWN: CRH
CHECKED: MJE
DATE: 5/26/2015
PLOT SCALE: 1/8"=1'-0"
PLOT DATE: 5/29/2015

DESIGNED: CRH
DRAWN: CRH
CHECKED: MJE
DATE: 5/26/2015
REVISOR: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE:	SHEET NO. 12 OF 28 SHEETS	STA.	TO STA.	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				55	3013-049B	COOK	888	17
				CONTRACT NO. 60X07				
				ILLINOIS FED. AID PROJECT				

FILE NAME: B:\60007-SHA-5101-011-Sherwood.dgn

URBAN
90% FED.
10% STATE

CONSTRUCTION CODE

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	016-1500	016-1502	016-1503	016-0766	016-0773	016-0778	URBAN	URBAN
72400730	RELOCATE SIGN PANEL - TYPE 3	50 FT	2706	2706								
72600100	MILE POST MARKER ASSEMBLY	EACH	5	5								
72900100	METAL POST - TYPE A	FOOT	67	67								
72900200	METAL POST - TYPE B	FOOT	94.5	94.5								
73000100	WOOD SIGN SUPPORT	FOOT	72	72								
73300100	OVERHEAD SIGN STRUCTURE - SPAN, TYPE I-A (4'-0" X 4'-6")	FOOT	153	153								
73300200	OVERHEAD SIGN STRUCTURE - SPAN, TYPE II-A (4'-6" X 5'-3")	FOOT	107	107								
73304000	OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	FOOT	62	62								
73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	68.0	68.0								
73600100	REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	3	3								
73602000	REMOVE OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	EACH	1	1								
73700300	REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	4	4								
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	78	78								
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	367	367								

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM



USER NAME - aayy@omg	DESIGNED - CRH	REVISOR -
DRAWN - CRH	CHECKED - MJE	REVISION -
PLLOT SCALE = 50.0000' X 1"	DATE - 5/26/2015	REVISION -
PLLOT DATE = 5/29/2015		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE:	SHEET NO. 13 OF 28 SHEETS	STA.	TO STA.	S.A.I. RTE. 55	SECTION 2013-049B	COUNTY COOK	TOTAL SHEET SHEETS NO. 888 18
							CONTRACT NO. 60X07
ILLINOIS FED. AID PROJECT							

FILE NAME: E:\2013\11\2013-049B\11\Sheets\013.dwg

URBAN
90% FED.
10% STATE

CONSTRUCTION CODE

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	016-1500	016-1502	016-1503	016-0766	016-0773	016-0778	URBAN	URBAN
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1523	1523								
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	107	107								
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	12604	12604								
* 78008220	POLYUREA PAVEMENT MARKING TYPE I - LINE 5"	FOOT	4361	4361								
* 78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	7081	7081								
* 78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	1281	1281								
* 78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	63	63								
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	341	341								
* 78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	157	157								
* 78200530	BARRIER WALL MARKERS, TYPE C	EACH	836	836								
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	2	2								
78300100	PAVEMENT MARKING REMOVAL	SQ FT	9189	9189								
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	814	814								
* 80400100	ELECTRIC SERVICE INSTALLATION	EACH	1									1
* 80400200	ELECTRIC UTILITY SERVICE CONNECTION	LSUM	1									1

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM



DESIGNED - CRH
DRAWN - CRH
CHECKED - MJE
DATE - 5/26/2015

REVISIONS
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 14 OF 28 SHEETS STA. TO STA.

F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEET SHEETS
55	2013-045B	COOK	898 / 15
			CONTRACT NO. 60X07

Rev.

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URBAN
90% FED.
10% STATE

CONSTRUCTION CODE

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	016-1500	016-1502	016-1503	016-0766	016-0773	016-0778	URBAN	URBAN
* 81024300	CONDUIT ENCASED, CONCRETE, 4" DIA., PVC 2 WIDE X 2 HIGH	FOOT	395									395
* 81028170	UNDERGROUND CONDUIT, GALVANIZED STEEL, 1" DIA.	FOOT	96								51	45
* 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	1601								1601	
* 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	777								597	180
* 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	65								5	60
* 81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	90									90
* 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	340									340
* 81028730	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/4" DIA.	FOOT	46								46	
* 81100320	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., PVC COATED GALVANIZED STEEL	FOOT	925								270	655
* 81100605	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., PVC COATED GALVANIZED STEEL	FOOT	568								568	
* 81100805	CONDUIT ATTACHED TO STRUCTURE, 3" DIA., PVC COATED GALVANIZED STEEL	FOOT	60								60	
* 81101005	CONDUIT ATTACHED TO STRUCTURE, 4" DIA., PVC COATED GALVANIZED STEEL	FOOT	60									60
* 81200230	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	13291								13291	
* 81300220	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4"	EACH	5								2	3

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM



USER NAME = augsungh	DESIGNED - CRH	REVISED -
PLOT SCALE = 30.0000 1" = 30'	DRAWN - CRH	REVISED -
PLOT DATE = 5/25/2015	CHECKED - MJE	REVISED -
	DATE - 5/26/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE:	SHEET NO. 15 OF 28 SHEETS	STA. 70 STA.	F.A.I. RTE. 55	SECTION 2013-0480	COUNTY COCK	TOTAL SHEETS 889	SHEET NO. 20	CONTRACT NO. 60X07
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URBAN
90% FED.
10% STATE

CONSTRUCTION CODE

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	016-1500	016-1502	016-1503	016-0766	016-0773	016-0778	URBAN	URBAN
81300410	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 10" X 8" X 4"	EACH	5								5	
81300530	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"	EACH	25								7	18
81300830	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 18" X 8"	EACH	8								8	
81400200	HEAVY-DUTY HANDHOLE	EACH	6								6	
81603030	UNIT DUCT, 600V, 2-1C NO. 4, 1/C NO. 6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	460									460
81603081	UNIT DUCT, 600V, 3-1C NO. 2, 1/C NO. 4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	1600								1600	
81603090	UNIT DUCT, 600V, 3-1C NO. 4, 1/C NO. 6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	675								675	
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	3940								1150	2790
81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	302									302
81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	4196									4196
81702140	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	11471								4891	6580
81702150	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	15234								15234	
81800200	AERIAL CABLE, 2-1/C NO. 4 WITH MESSENGER WIRE	FOOT	785									785
81800300	AERIAL CABLE, 3-1/C NO. 2 WITH MESSENGER WIRE	FOOT	3625								3625	

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM



USER NAME: augsough	DESIGNED: CRH	REVISED:
DRAWN: CRH	CHECKED: MJE	REVISED:
DATE: 5/26/2015		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 16 OF 28 SHEETS STA. TO STA.

F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	2013-048B	COOK	888	21
CONTRACT NO. 60X07			ILLINOIS FED. AID PROJECT	

FILE NAME: D:\WORK\344-501-011\Sheet.dgn

URBAN
90% FED.
10% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	RETAINING WALL	RETAINING WALL	RETAINING WALL	HIGHWAY LIGHTING	ROADWAY LIGHTING
				0004 URBAN	0011 016-1500	0011 016-1502	0011 016-1503	0040 016-0766	0040 016-0773	0040 016-0778	0021 URBAN	0021 URBAN
* 82102400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	58								47	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	21								21	
* 83050805	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 12 FT. DAVIT ARM	EACH	5								5	
* 83800200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	65								65	
* 83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	5								5	
* 84100110	REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	43								21	22
* 84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	75								40	35
* 84200804	REMOVAL OF POLE FOUNDATION	EACH	28								7	21
* 84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	15									15
* 84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	1									1
* 87000585	ELECTRIC CABLE ASSEMBLY IN CONDUIT, 600V (XLP-TYPE TC) 2/C NO. 6 AND NO. 8	FOOT	284								284	
* 87301278	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 16 2C	FOOT	360									360
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	5								5	

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM



USER NAME = auyalugh	DESIGNED - CRH	REVISED -
PLT SCALE = 00.0000 1/16"	DRAWN - CRH	REVISED -
PLT DATE = 8/25/2015	CHECKED - MJE	REVISED -
	DATE - 5/26/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 17 OF 28 SHEETS STA. TO STA.

F.A.I. DIST.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	2013-C498	COOK	888	22
				CONTRACT NO. 60X07

ILLINOIS FED. AID PROJECT

URBAN
90% FED.
10% STATE

CONSTRUCTION CODE

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	016-1500	016-1502	016-1503	016-0766	016-0773	016-0778	URBAN	URBAN
* 87800200	CONCRETE FOUNDATION, TYPE D	FOOT	5								5	
* 87900200	DRILL EXISTING HANDHOLE	EACH	4								4	
* 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1561								1561	
* 89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	3405								450	2955
K1005863	TREE ROOT PRUNING	EACH	60	60								
Z0004002	BOLLARDS	EACH	2	2								
Z0007510	ENGINEERED BARRIER	50 YD	2900	2900								
** Z0010614	CLEANING EXISTING MANHOLE OR HANDHOLE	EACH	1								1	
Z0013798	CONSTRUCTION LAYOUT	LSUM	1	1								
Z0016002	DECK SLAB REPAIR (FULL DEPTH, TYPE II)	50 YD	250	250								
Z0016200	DECK SLAB REPAIR (PARTIAL)	50 YD	50	50								
Z0018002	DRAINAGE SCUPPERS, DS-11	EACH	32		12	5	15					
Z0018800	DRAINAGE SYSTEM	LSUM	1		0.37	0.16	0.47					
Z0022800	FENCE REMOVAL	FOOT	704	704								
Z0030850	TEMPORARY INFORMATION SIGNING	50 FT	123	123								

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM (100% STATE)



USER NAME: k.augustin	DESIGNED: CRH	REVISED: -
PLOT SCALE: 1/8" = 1'-0"	DRAWN: CRH	REVISED: -
PLOT DATE: 5/25/2015	CHECKED: MJE	REVISED: -
	DATE: 5/26/2015	REVISED: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 18 OF 28 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
55	2013-049B	COCK	889 23
			CONTRACT NO. 60X07
ILLINOIS FED. AID PROJECT			

FILE NAME: 14

URBAN
90% FED.
10% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				ROADWAY 0004 URBAN	BRIDGE 0011 016-1500	BRIDGE 0011 016-1502	BRIDGE 0011 016-1503	RETAINING WALL 0040 016-0766	RETAINING WALL 0040 016-0773	RETAINING WALL 0040 016-0778	HIGHWAY LIGHTING 0021 URBAN	ROADWAY LIGHTING 0021 URBAN	
Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	26									26	
Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	22									22	
Z0034212	MECHANICALLY STABILIZED EARTH RETAINING WALL, SPECIAL	SO FT	14960					6498	5167	3295			
Z0034390	MODULAR EXPANSION JOINT 6"	FOOT	68		68								
Z0034393	MODULAR EXPANSION JOINT 9"	FOOT	68		68								
Z0034806	MODULAR EXPANSION JOINT-SWIVEL 6"	FOOT	80			40	40						
Z0034809	MODULAR EXPANSION JOINT-SWIVEL 9"	FOOT	126				126						
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	LSUM	1	1									
Z0050600	REMOVE AND RESET ORNAMENTAL FENCE	FOOT	125	125									
Z0056604	STORM SEWER (WATER MAIN REQUIREMENTS) 8 INCH	FOOT	25	25									
Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	130	130									
Z0056616	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	FOOT	51	51									
Z0073002	TEMPORARY SOIL RETENTION SYSTEM	SO FT	144				144						
Z0073100	TEMPORARY SHORING	EACH	3			1	2						

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM



USER NAME = aecumtgh
 PLOT SCALE = 80,000 1" = 80'
 PLOT DATE = 5/25/2015

DESIGNED - CRH
 DRAWN - CRH
 CHECKED - MJE
 DATE - 5/26/2015

REVISED -
 REVISED -
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 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 19 OF 28 SHEETS STA. TO STA.

P.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-248B	COOK	888	24
CONTRACT NO. 60X07			ILLINOIS FED. AID PROJECT	

FILE NAME: \\s01\proj\2013\248B\2013-248B-19.dwg

URBAN
90% FED.
10% STATE

CONSTRUCTION CODE

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	016-1500	016-1502	016-1503	016-0766	016-0773	016-0778	URBAN	URBAN
Ø Z0076600	TRAINEES	HOUR	3500	3500								
Ø Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	3500	3500								
* X0322141	REMOVE TEMPORARY WOOD POLE	EACH	2								2	
* X0322441	DIGITAL LOOP DETECTOR SENSOR UNIT (4 CHANNEL)	EACH	3								3	
* X0322442	TONE EQUIPMENT - 3 FREQUENCY RECEIVER PROGRAMMABLE	EACH	10								10	
* X0322443	TONE EQUIPMENT - 3 FREQUENCY TRANSMITTER PROGRAMMABLE	EACH	10								10	
* X0322444	TONE EQUIPMENT - POWER SUPPLY	EACH	2								2	
* X0322445	TONE EQUIPMENT - MOUNTING FRAME	EACH	1								1	
* X0324181	DISCONNECT SIGN LIGHTING AND REMOVE WIRING TO NEAREST SPLICE	EACH	3								3	
* X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	2086								395	1691
* X0324603	CIRCUIT BREAKER, 1-POLE, 20 AMP, 120V IN EXISTING TSC CABINET	EACH	3									3
X0325003	REMOVE EXISTING VALVE AND VAULT	EACH	3	3								
X0325155	REMOVE ABANDONED GAS MAIN	FOOT	32	32								
* X0325207	TELEVISION INSPECTION OF SEWER	FOOT	3818	3818								

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM

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USER NAME: auyangh
DESIGNED: CRH
DRAWN: CRH
CHECKED: MJE
PLOT DATE: 5/26/2015

REVISED: -
REVISED: -
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REVISED: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 20 OF 28 SHEETS STA. TO STA.

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	2013-049B	COOK	892	25
CONTRACT NO. 60X07			ILLINOIS FED. AID PROJECT	

FILE NAME: D:\60007-501-501-01-Sheets.dwg

URBAN
90% FED.
10% STATE

CONSTRUCTION CODE

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	016-1500	016-1502	016-1503	016-0766	016-0773	016-0778	URBAN	URBAN
X0325318	LIGHTWEIGHT CELLULAR CONCRETE FILL	CU YD	17297					11862	3242	2193		
* X0325815	REMOVE EXISTING CABLE	FOOT	2336									2336
* X0326935	CROSSHOLE SONIC LOGGING	EACH	19		6	4	9					
* X0327008	REMOVE AND RELOCATE SIGN (SPECIAL)	EACH	1	1								
X0327073	STEEL CASING PIPE, AUGERED AND JACKED, 42"	FOOT	208	208								
X0327117	ATMS SYSTEM INTEGRATION	LSUM	1								1	
* X0327350	TEMPORARY WOOD POLE, 50 FT., CLASS 4, 15 FT. MAST ARM	EACH	19								8	11
* X0327485	MAST ARM, STREET LIGHTING, 15'	EACH	6								6	
* X0327616	MAINTAINING ITS DURING CONSTRUCTION	CAL MO	22								22	
X0327682	CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT ENGINEERING SERVICES	LSUM	1	1								
* X0327751	LIGHTING PROTECTION FOR INDUCTION LOOP DETECTOR	EACH	4								4	
* X0327755	CABINET HOUSING EQUIPMENT, ESP 3, CONCRETE FOUNDATION MOUNTED	EACH	1								1	
* X0327860	REMOVE CONCRETE FOUNDATION (ELECTRICAL)	EACH	1	1								
X0350810	BOLLARD REMOVAL	EACH	5	5								

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM

FILE NAME = E:\PROJECTS\60X07\60X07-SHA-500-ALL-Sheet.dwg

14



USER NAME = HENADD
 DESIGNED = CRH
 DRAWN = CRH
 CHECKED = MJE
 DATE = 5/26/2015
 PLOT SCALE = 1/8" = 1'-0"
 PLOT DATE = 5/26/2015

REVISOR =
 REVISION =
 REVISION =
 REVISION =

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 21 OF 28 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-0498	COOK	888	26
CONTRACT NO. 60X07				
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	016-1500	016-1502	016-1503	016-0766	016-0773	016-0778	URBAN	URBAN		
X0370003	ELECTRIC CABLE IN CONDUIT, TRIPLEX, 2-1/C NO. 6, 1/C NO. 8 (CDOT)	FOOT	825										825	
X0370047	INSTALL LIGHT POLE, MAST ARM, AND LUMINAIRE, CHICAGO	EACH	19										19	
X0370049	UNDERGROUND CONDUIT, PVC, 2" DIA., SCHEDULE 80 (CDOT)	FOOT	1175										1175	
X0370064	UNDERGROUND CONDUIT, PVC, 3" DIA. SCHEDULE 80 (CDOT)	FOOT	227										227	
X0370068	CONCRETE FOUNDATION, 24" DIAMETER, 1 1/4" ANCHOR RODS, 15" BOLT CIRCLE (CDOT)	EACH	34										34	
X0370074	RACKING CABLES IN MANHOLE OR HANDHOLE (CDOT)	EACH	20										20	
X0370080	COMBINATION CURB AND GUTTER TYPE B V. 12 (CDOT)	FOOT	410	410										
X0370084	DRILL MANHOLE OR HANDHOLE (CDOT)	EACH	28										28	
X0370085	CLEAN MANHOLE OR HANDHOLE (CDOT)	EACH	16										16	
X0370089	TEMPORARY TRAFFIC SIGNAL INSTALLATION (CDOT)	EACH	1										1	
X0370139	MAINTENANCE OF STREET LIGHTING SYSTEM (CDOT)	CAL MO	22										22	
X0370186	ELECTRICAL MANHOLE, 3' X 4' X 4', 30" FRAME AND LID (CDOT)	EACH	5										5	
X0900007	TEMPORARY MECHANICALLY STABILIZED EARTH RETAINING WALL, SPECIAL	SO FT	8000					6727		1273				
X0900008	TEMPORARY SHORING FOR EXISTING STRADDLE BENT	EACH	1			1								

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM NON-PARTICIPATING (100% CDOT)

FILE NAME: D:\2013\07-25\A-500-03\Sheets.dgn



USER NAME = HENAGE	DESIGNED - CRH	REVISED -
DRAWN - CRH	CHECKED - MJE	REVISED -
PLOT SCALE = 1/8" = 1' - 0"	DATE = 5/26/2015	REVISED -
PLOT DATE = 5/25/2015		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE:	SHEET NO. 22 OF 28 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	888	27
CONTRACT NO. 60X07				
ILLINOIS FED. AID PROJECT				

URBAN
90% FED.
10% STATE

CONSTRUCTION CODE

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	016-1500	016-1502	016-1503	016-0766	016-0773	016-0778	URBAN	URBAN
* X1200007	TEMPORARY WOOD POLE, 80 FEET, CLASS 4	EACH	1								1	
X1200011	STORM SEWERS, TYPE 2, DUCTILE IRON PIPE 8"	FOOT	29	29								
* X1400003	TEMPORARY WOOD POLE, 80 FT, CLASS 4, 15 FT. MAST ARM	EACH	7								7	
X4023000	TEMPORARY ACCESS (ROAD)	EACH	4	4								
X4240800	DETECTABLE WARNINGS (SPECIAL)	SO FT	8	8								
X4402020	CONCRETE MEDIAN SURFACE REMOVAL	SO FT	3658	3658								
X5130105	TEMPORARY BRIDGE	LSUM	1				1					
X5210110	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 200K	EACH	12				12					
X5210120	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 250K	EACH	24			12	12					
X5210170	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 500K	EACH	18		18							
X5210180	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 550K	EACH	12			6	6					
X5210340	HIGH LOAD MULTI-ROTATIONAL BEARINGS, FIXED - 500K	EACH	18			6	12					
X5210345	HIGH LOAD MULTI-ROTATIONAL BEARINGS, FIXED - 550K	EACH	12			6	6					
X5509900	ABANDON AND FILL EXISTING STORM SEWER	FOOT	1327	1327								

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM

FILE NAME: D:\626197-SHA-500-RTI-Sheet-83p

14



USER NAME = MHWAGE	DESIGNED - CRH	REVISED -
PLOT SCALE = 1/8" = 1'-0"	DRAWN - CRH	REVISED -
PLOT DATE = 5/25/2015	CHECKED - MJE	REVISED -
	DATE - 5/26/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 23 OF 28 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-0498	COOK	888	28
CONTRACT NO. 60X07				
ILLINOIS FED. AID PROJECT				

URBAN
96% FED.
10% STATE

CONSTRUCTION CODE

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	016-1500	016-1502	016-1503	016-0766	016-0773	016-0778	URBAN	URBAN								
** X5537600	STORM SEWERS TO BE CLEANED 8"	FOOT	261	261																
** X5537700	STORM SEWERS TO BE CLEANED 10"	FOOT	38	38																
** X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	338	338																
** X5537900	STORM SEWERS TO BE CLEANED 15"	FOOT	165	165																
** X5538000	STORM SEWERS TO BE CLEANED 18"	FOOT	90	90																
** X5538200	STORM SEWERS TO BE CLEANED 24"	FOOT	539	539																
** X5538800	STORM SEWERS TO BE CLEANED 48"	FOOT	163	163																
X5610651	ABANDON EXISTING WATER MAIN, FILL WITH CLSM	FOOT	426	426																
X5610724	WATER MAIN REMOVAL, 24"	FOOT	152	152																
X6020083	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID (CITY OF CHICAGO)	EACH	5	5																
X6020084	MANHOLE, SPECIAL	EACH	1	1																
X6020399	CONNECTION TO EXISTING MANHOLE	EACH	4	4																
X6022505	CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID (CITY OF CHICAGO)	EACH	11	11																
X6050110	FILLING MANHOLES, SPECIAL	EACH	2	2																

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM

FILE NAME: D:\PROJECTS\2013\2013-0498\2013-0498.dwg



USER NAME: ajsjgung
 PLOT SCALE: 1/8" = 1'-0"
 PLOT DATE: 5/25/2015

DESIGNED: CRH
 DRAWN: CRH
 CHECKED: MJE
 DATE: 5/26/2015

REVISED: -
 REVISED: -
 REVISED: -
 REVISED: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 24 OF 28 SHEETS STA. TO STA.

P.A.J. RTE. 95	SECTION 2013-0498	COUNTY COOK	TOTAL SHEETS 889	SHEET NO. 28
CONTRACT NO. 60X07			ILLINOIS FED. AID PROJECT	

URBAN
90% FED.
10% STATE

CONSTRUCTION CODE

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	016-1500	016-1502	016-1503	016-0766	016-0773	016-0778	URBAN	URBAN									
X6370279	CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT (SPECIAL)	FOOT	339	339																	
X6430120	REMOVE IMPACT ATTENUATORS, NO SALVAGE	EACH	1	1																	
X6431120	REMOVE IMPACT ATTENUATOR SAND MODULE	EACH	1	1																	
X6640200	TEMPORARY CHAIN LINK FENCE	FOOT	4001	4001																	
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MD	24	24																	
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	1																	
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	LSUM	1	1																	
X7013920	TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS	CAL DA	730	730																	
* X7035104	TEMPORARY EPOXY PAVEMENT MARKING - LINE 4"	FOOT	12096	12096																	
* X7035105	TEMPORARY EPOXY PAVEMENT MARKING - LINE 5"	FOOT	909	909																	
* X7035106	TEMPORARY EPOXY PAVEMENT MARKING - LINE 8"	FOOT	1518	1518																	
* X7035112	TEMPORARY EPOXY PAVEMENT MARKING - LINE 12"	FOOT	99	99																	
* X7040125	PINNING TEMPORARY CONCRETE BARRIER	EACH	614	614																	
* X7200052	REMOVE, STORE AND RE-ERECT SIGN PANEL	50 FT	219	219																	

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM



USER NAME: alyssaugh
DESIGNED: CRH
DRAWN: CRH
CHECKED: MJE
PLOT DATE: 5/25/2015
DATE: 5/26/2015

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REVISED: -
REVISED: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 26 OF 30 SHEETS STA. TO STA.

F.A.I. RTEL	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	888	30
CONTRACT NO. 60X07			ILLINOIS FED. AID PROJECT	

Rev.

FILE NAME: 60X07-84-501.031 Sheet 26 of 30

URBAN
90% FED.
10% STATE

CONSTRUCTION CODE

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	016-1500	016-1502	016-1503	016-0766	016-0773	016-0778	URBAN	URBAN
* X7280105	TELESCOPING STEEL SIGN SUPPORT (SPECIAL)	FOOT	35	35								
* X8100863	INTERCEPT EXISTING CONDUIT	EACH	7								2	5
* X8130112	JUNCTION BOX TYPE J	EACH	9								9	
* X8130115	DRILL EXISTING JUNCTION BOX	EACH	2									2
* X8140105	HANDHOLE (SPECIAL)	EACH	3									3
* X8140210	HEAVY-DUTY HANDHOLE (SPECIAL)	EACH	1									1
* X8211000	UNDERPASS LUMINAIRE (SPECIAL)	EACH	18									18
* X8440120	REMOVE AND RE-ERECT EXISTING LIGHTING UNIT	EACH	5									5
* X8710028	FIBER OPTIC CABLE 6 FIBERS, SINGLE MODE	FOOT	785									785
* X8710036	FIBER OPTIC CABLE 12 FIBERS, SINGLE MODE	FOOT	520									520
* X8730249	ELECTRIC CABLE IN CONDUIT, NO. 19 6/C	FOOT	340								340	
* X8730312	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 4/C, TWISTED, SHIELDED	FOOT	6560								6560	
* X8780105	CONCRETE FOUNDATIONS (SPECIAL)	EACH	1									1
* X8850109	PREFORMED INDUCTION LOOP	FOOT	830								830	

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM



USER NAME = HENACC
DESIGNED - CRH
DRAWN - CRH
CHECKED - MJE
DATE - 5/26/2015

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 26 OF 28 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-0498	COOK	888	31
CONTRACT NO. 60X07			ILLINOIS FED. AID PROJECT	

FILE NAME: E:\2013\54-500-001\Sheet.dgn

URBAN
90% FED,
10% STATE

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	016-1500	016-1502	016-1503	016-0766	016-0773	016-0778	URBAN	URBAN		
X8950425	REMOVE EXISTING TRAFFIC SURVEILLANCE EQUIPMENT	LSUM	1										1	
X0370208	MANHOLES, TYPE A, 3' DIA., TYPE 1 FRAME, CLOSED LID (CITY OF CHICAGO)	EACH	3	3										
X0370209	MANHOLES, TYPE B, 3' DIA., TYPE 1 FRAME, CLOSED LID (CITY OF CHICAGO)	EACH	2	2										
X0370082	STORM SEWERS, TYPE 2, 8", EXTRA STRENGTH VITRIFIED CLAY PIPE (CDOT)	FOOT	84	84										
X1200040	STORM SEWERS, DUCTILE IRON, TYPE 1 8"	FOOT	11	11										
X0370210	CONCRETE FOUNDATION, 20" DIAMETER, 3/4" ANCHOR RODS (CDOT)	EACH	5	5										
X0370211	RELOCATE EXISTING SIGNAL HEAD, POST MOUNTED (CDOT)	EACH	7	7										
X0370212	RELOCATE EXISTING SIGNAL HEAD, STRUCTURE MOUNTED (CDOT)	EACH	3	3										
X0370213	REMOVE AND REINSTALL ILLUMINATED SYMBOLIC SIGN, LED, STRUCTURE MOUNTED (CDOT)	EACH	1	1										
X0370214	JUNCTION BOX FOR TRAFFIC SIGNAL (CDOT)	EACH	1	1										
X5030250	BRIDGE DECK GROOVING (LONGITUDINAL)	SQ YD	17185		5566	2614	7269	966	343	427				
X1300001	STORM SEWERS TO BE CLEANED 84"	FOOT	266	266										
X1400111	CONDUIT ENCASED, REINFORCED CONCRETE, 4" DIA., PVC 2 WIDE X 2 HIGH	FOOT	155											155
X0370215	UNDERGROUND CONDUIT, PVC, 1" DIA., SCHEDULE 80 (CDOT)	FOOT	320											320

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM

FILE NAME = D:\6007-SV-500-All Sheets.dgn



USER NAME = augsung	DESIGNED - CRH	REVISED -
PLT SCALE = 50,000' / 1"	DRAWN - CRH	REVISED -
PLT DATE = 5/25/2015	CHECKED - MJE	REVISED -
	DATE = 5/26/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 27 OF 28 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	888	32
CONTRACT NO. 60X07			ILLINOIS FED. AID PROJECT	

URBAN
90% FED.
10% STATE

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	016-1500	016-1502	016-1503	016-0766	016-0773	016-0778	URBAN	URBAN	
* X0370216	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA., SCHEDULE 80 (CDOT)	FOOT	2520										2520
* X0370075	UNDERGROUND CONDUIT, PVC, 4" DIA., SCHEDULE 80 (CDOT)	FOOT	110										110
* X1400112	ELECTRIC CABLE IN CONDUIT, 15KV (EPR TYPE MV-90), 1/C NO. 2 AWG	FOOT	1400										1400
X1206041	DUCTILE IRON WATER MAIN, MECHANICAL JOINT 24" IN CASING	FOOT	208	208									
* X0370217	RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD (CDOT)	EACH	1	1									
* X0370218	RELOCATE EXISTING TRAFFIC SIGNAL POST (CDOT)	EACH	5	5									
* X0370219	ELECTRIC CABLE IN CONDUIT NO. 14, 19/C (CDOT)	FOOT	300										300
X1200042	MANHOLES, TYPE A, 9' -DIAMETER, WITH 2 TYPE 1 FRAMES, CLOSED LID, RESTRICTOR PLATE	EACH	2	2									
X0900014	TEMPORARY SHORING FOR EXISTING NB I-55 VAULTED TERMINAL STRUCTURE	EACH	1					1					
X0900013	TEMPORARY SHORING FOR RAMP EN VAULTED TERMINAL STRUCTURE	EACH	1							1			
* X0370220	DETECTOR LOOP REMOVAL & REPLACEMENT (CDOT)	FOOT	122	122									
	TEMPORARY BRIDGE	EACH	1				1						
* X0370221	BREAKDOWN EXISTING ELECTRICAL MANHOLE (CDOT)	EACH	5										5

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* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM

FILE NAME = E:\2013-0498\2013-0498-013 Sheets.dgn



USER NAME = augeungh
 PLOT SCALE = 50.0000' / 1" =
 PLOT DATE = 5/25/2015

DESIGNED - CRH
 DRAWN - CRH
 CHECKED - MJE
 DATE - 5/26/2015

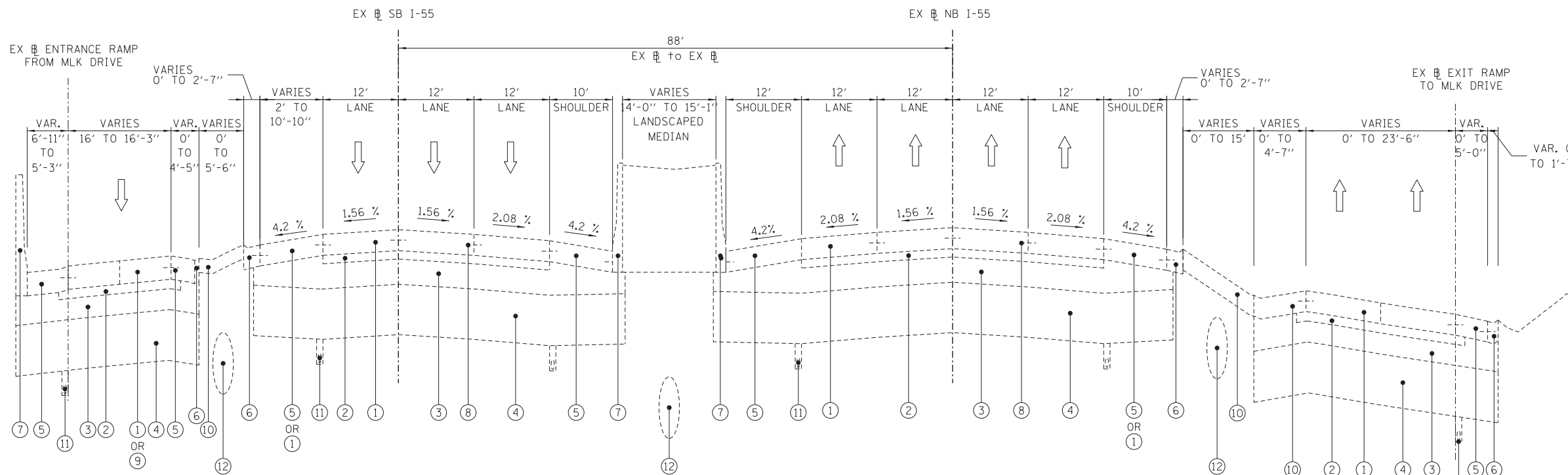
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

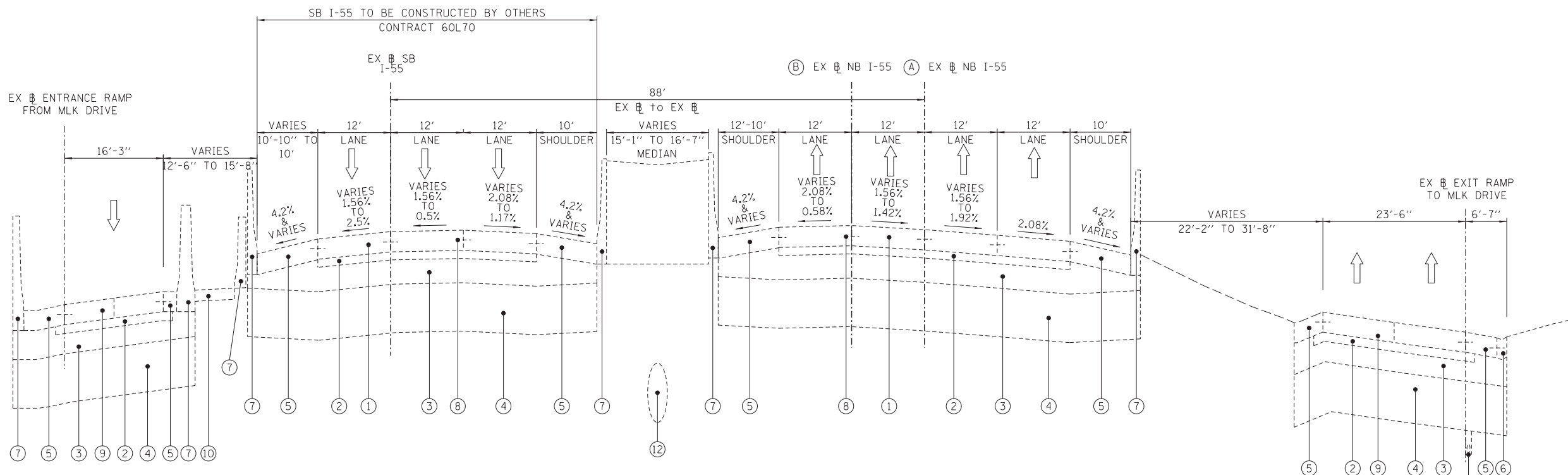
SCALE: SHEET NO. 28 OF 28 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-0498	COOK	888	33
CONTRACT NO. 60X07			ILLINOIS FED. AID PROJECT	



- NOTES:**
- EXISTING PAVEMENT COMPOSITION AND SLOPES AS SHOWN ARE BASED ON I-55/STEVENSSON 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)



FILE NAME = D:\60X07-Sht-Typical\01-EX55NB.dgn



USER NAME = augeungh
 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 5/22/2015

DESIGNED - BS
 DRAWN - BS
 CHECKED - MJE
 DATE - 5/26/2015

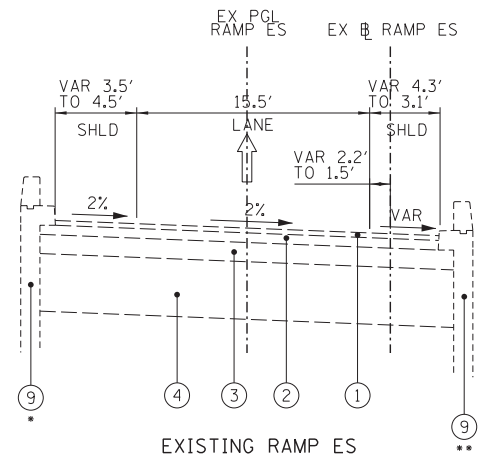
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

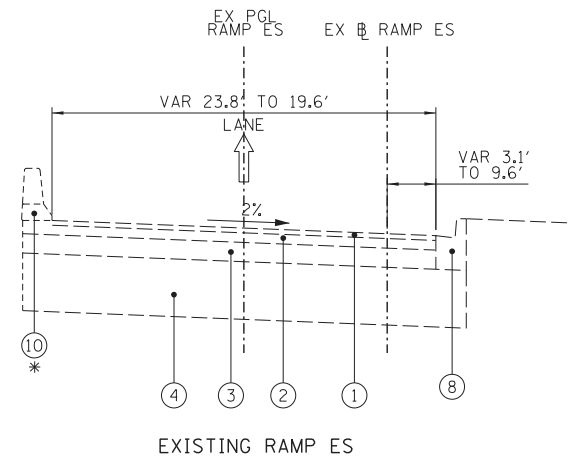
EXISTING TYPICAL SECTIONS
 NB I-55

SCALE: NONE SHEET NO. 1 OF 7 SHEETS STA. TO STA.

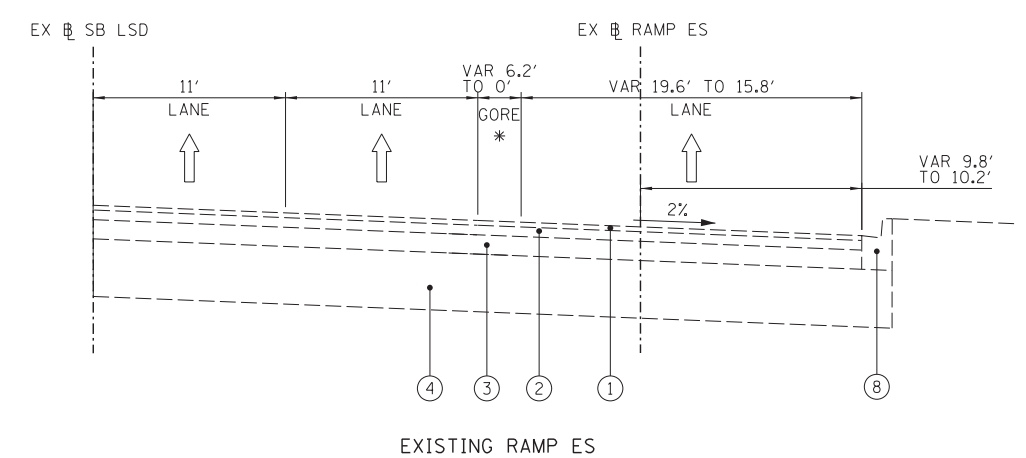
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	888	34
CONTRACT NO. 60X07				
ILLINOIS FED. AID PROJECT				



EXISTING RAMP ES
 LOOKING IN DIRECTION OF TRAFFIC
 EX RAMP ES STA. 105+75.06 TO STA. 107+23.97
 • EX LEFT RETAINING WALL ENDS AT STA. 107+15.83
 • EX RIGHT RETAINING WALL ENDS AT STA. 107+23.97



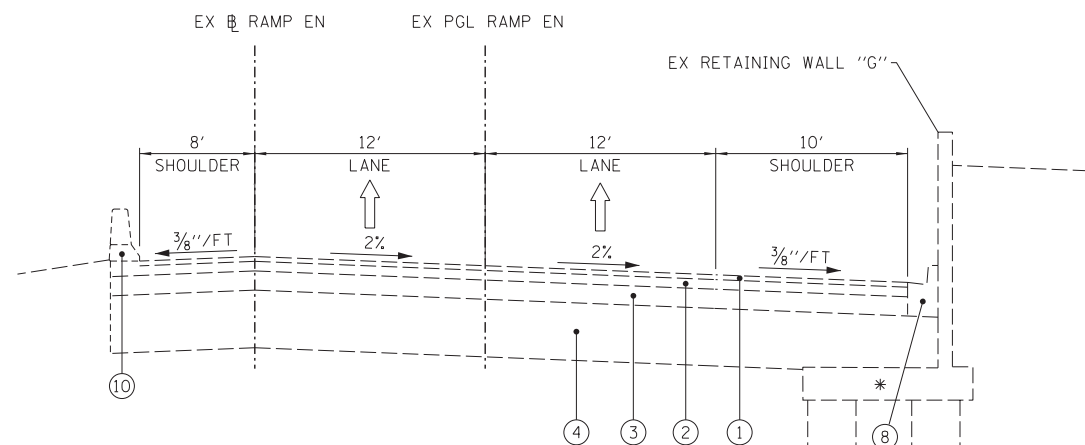
EXISTING RAMP ES
 LOOKING IN DIRECTION OF TRAFFIC
 EX RAMP ES STA. 107+23.97 TO STA. 112+96.03
 • EX EXISTING SINGLE FACE BARRIER WALL ENDS AT STA. 109+04.23
 & BEGIN LEFT COMBINATION CURB AND GUTTER STA. 109+04.23



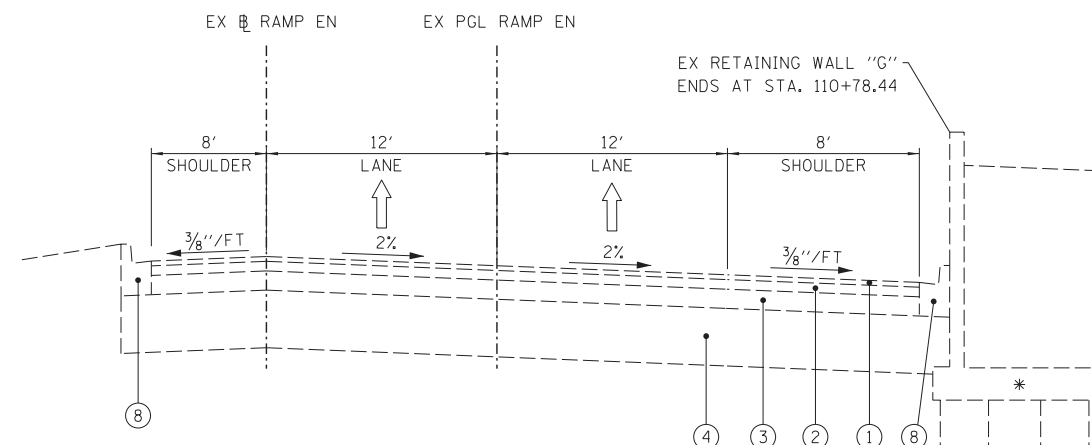
EXISTING RAMP ES
 LOOKING IN DIRECTION OF TRAFFIC
 EX RAMP ES STA. 112+96.03 TO STA. 116+01.48
 • GORE ENDS AT STA. 114+69.41

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 EN
 LOOKING IN DIRECTION OF TRAFFIC
 EX RAMP SW STA 105+60.00 TO STA 108+61.84
 * RETAINING WALL G FOOTING TRANSITIONS FROM THE WEST SIDE OF THE WALL TO THE EAST SIDE OF THE WALL AT STA 108+31.78 (EX RAMP EN 8)



EXISTING RAMP EN
 LOOKING IN DIRECTION OF TRAFFIC
 EX RAMP SW STA 108+61.84 TO STA 112+61.49
 * RETAINING WALL G FOOTING FLIPS FROM THE WEST SIDE OF THE WALL TO THE EAST SIDE OF THE WALL AT STA 108+31.78 (EX RAMP EN 8)

EXISTING RAMP EN & ES 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

FILE NAME = D:\60X07-Sht-Typical_02-EXRAMPS.dgn



USER NAME = augeungh	DESIGNED - BS	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - BS	REVISED -
PLOT DATE = 5/22/2015	CHECKED - MJE	REVISED -
	DATE - 5/26/2015	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

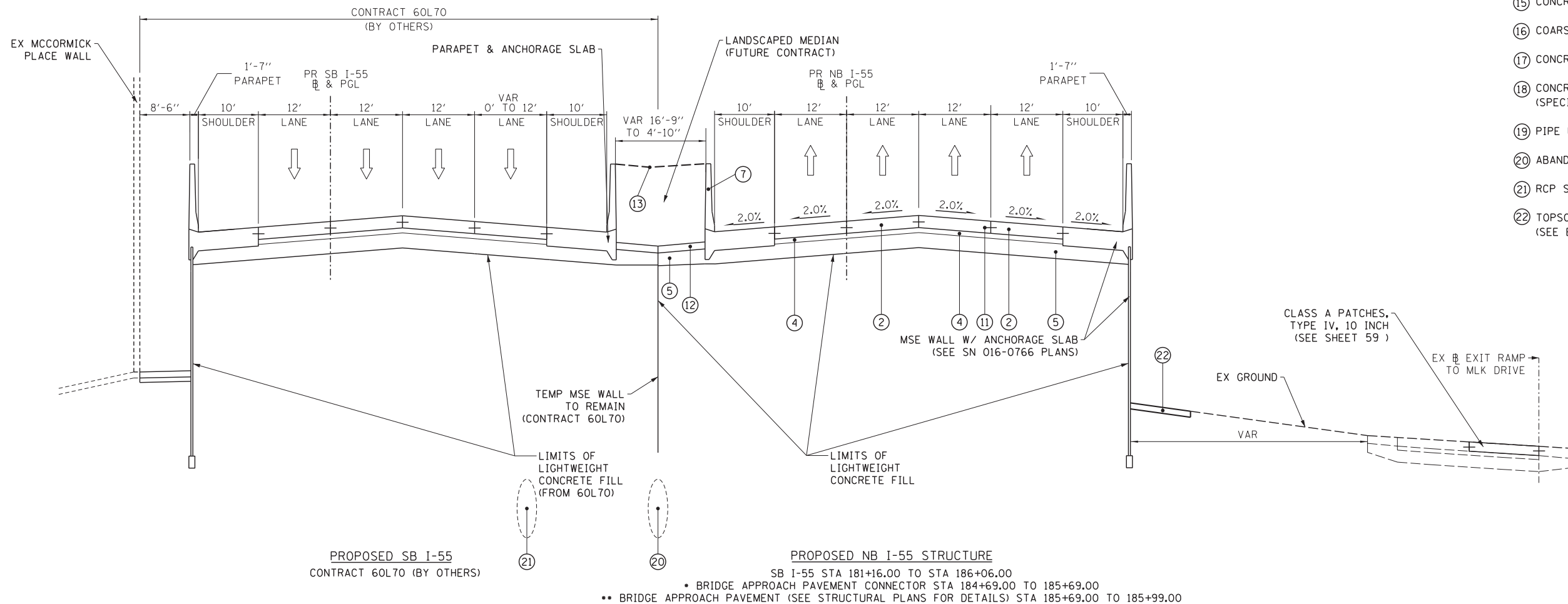
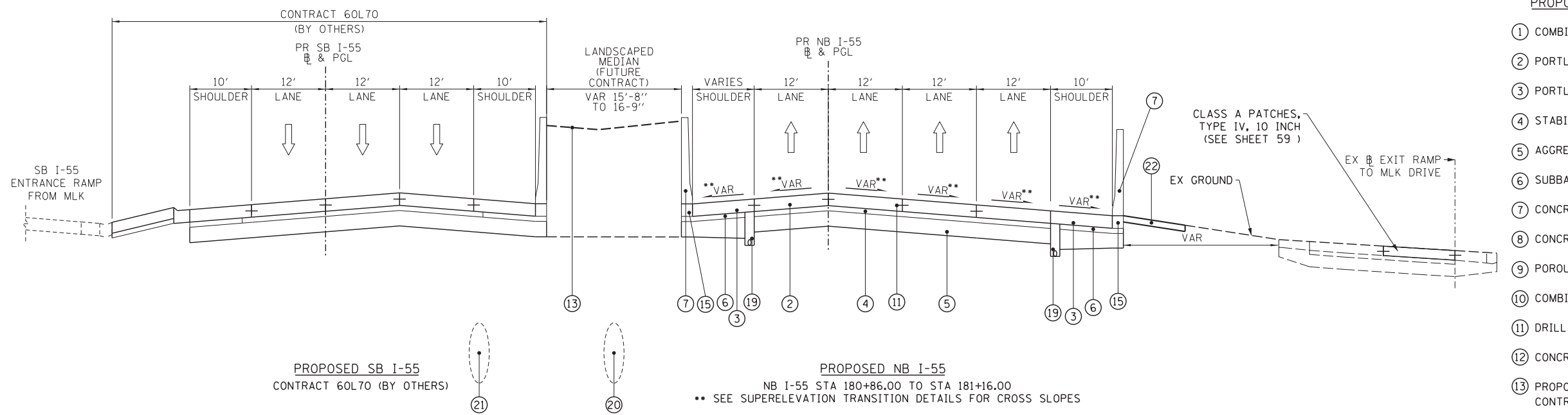
**EXISTING TYPICAL SECTIONS
 RAMP ES & RAMP EN**

SCALE: NONE SHEET NO. 2 OF 7 SHEETS STA. TO STA.

F.A.I. RTE. = 55	SECTION = 2013-049B	COUNTY = COOK	TOTAL SHEETS = 888	SHEET NO. = 35
CONTRACT NO. 60X07				
ILLINOIS FED. AID PROJECT				

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 POROUS GRANULAR EMBANKMENT
- 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 (FUTURE LANDSCAPING CONTRACT 62A93)
- 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, SINGLE FACE, 42 INCH HEIGHT (SPECIAL)
- ⑲ PIPE UNDERDRAINS, 6"
- ⑳ ABANDON AND FILL EXISTING RCP STORM SEWER, 36"
- ㉑ RCP STORM SEWER, 36" (CONTRACT 60L70)
- ㉒ TOPSOIL FURNISH AND PLACE, 6" (SEE EROSION CONTROL SHEETS)



NB I-55
BRIDGE OMISSION
SB I-55 STA 185+98.50 TO 193+38.50

FILE NAME = D:\60X07-Sht-1\apical_03-55NB.dgn



USER NAME = ouyeungh	DESIGNED - BS	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - BS	REVISED -
PLOT DATE = 5/22/2015	CHECKED - MJE	REVISED -
	DATE - 5/26/2015	REVISED -

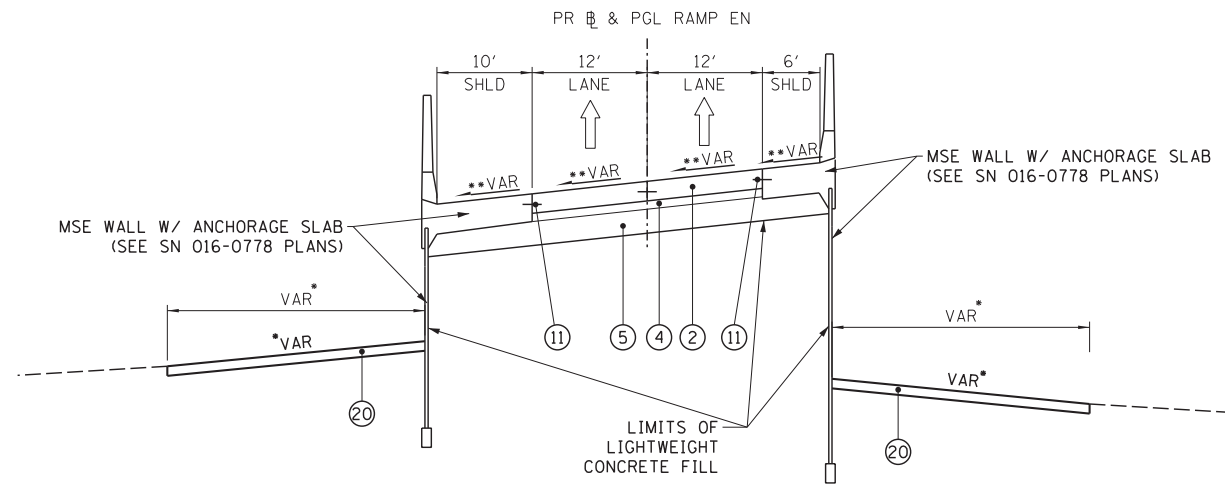
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DRAWN - BS	REVISED -
CHECKED - MJE	REVISED -
DATE - 5/26/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTIONS
NB I-55**

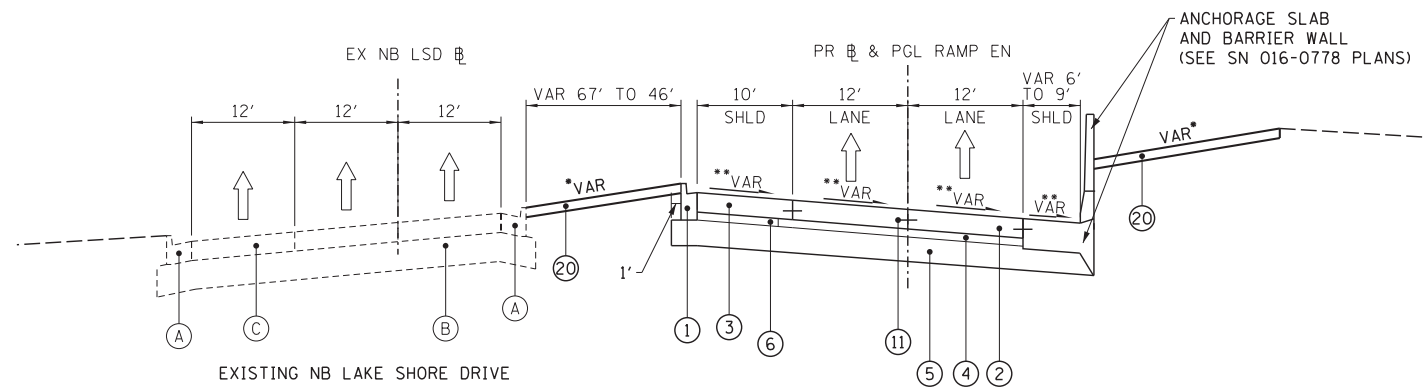
SCALE: NONE SHEET NO. 3 OF 7 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	888	36
CONTRACT NO. 60X07				
ILLINOIS FED. AID PROJECT				

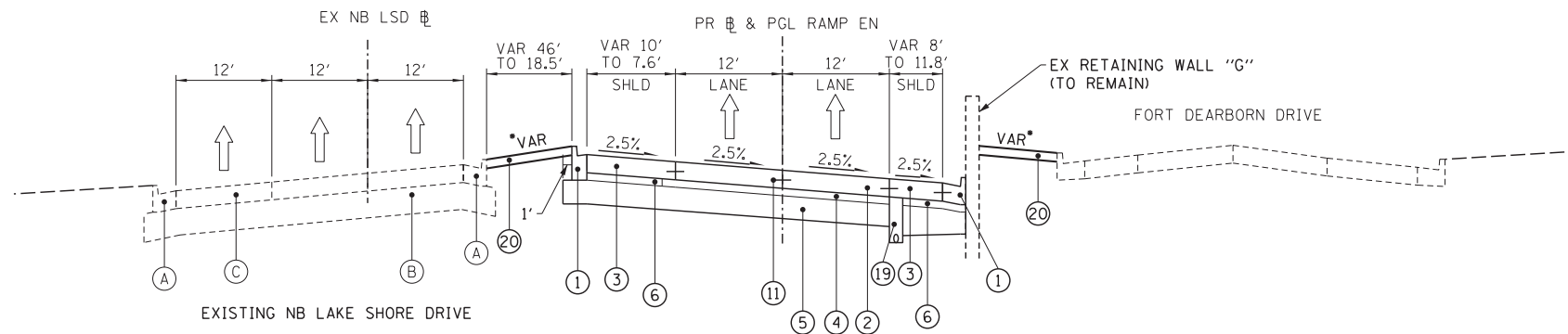


PROPOSED RAMP EN
 RAMP EN STA 205+82.00 TO STA 207+50.00
 • SEE CROSS SECTIONS FOR GRADING LIMITS AND SLOPES
 **SEE SUPERELEVATION TRANSITION DETAILS FOR CROSS SLOPES
 *** BRIDGE APPROACH PAVEMENT STA 205+89.00 TO 206+19.02 (SEE STRUCTURAL PLANS FOR DETAILS)
 **** BRIDGE APPROACH PAVEMENT CONNECTOR STA 206+19.02 TO 207+19.02

**RAMP EN
 BRIDGE OMISSION**
 RAMP EN STA 193+38.50 TO 205+89.50



PROPOSED RAMP EN
 RAMP EN STA 207+50.00 TO STA 209+52.92
 • SEE CROSS SECTIONS FOR GRADING LIMITS AND SLOPES
 ** SEE SUPERELEVATION TRANSITION DETAILS FOR CROSS SLOPES



PROPOSED RAMP EN
 RAMP EN STA 209+52.92 TO STA 214+61.18
 • SEE CROSS SECTIONS FOR GRADING LIMITS AND SLOPES
 ** 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 POROUS GRANULAR EMBANKMENT
- 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 CROSS SECTIONS)
- 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, SINGLE FACE, 42 INCH HEIGHT (SPECIAL)
- ⑲ PIPE UNDERDRAINS, 6"
- ⑳ TOPSOIL FURNISH AND PLACE, 6" (SEE EROSION CONTROL SHEETS)

EXISTING NB 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)

FILE NAME = D:\60X07-Sht-1-up\04-RAMPEN.dgn



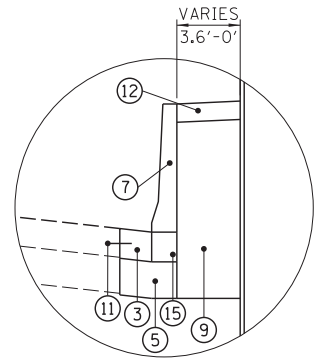
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	DRAWN - BS	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - MJE	REVISED -
PLOT DATE = 5/22/2015	DATE - 5/26/2015	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

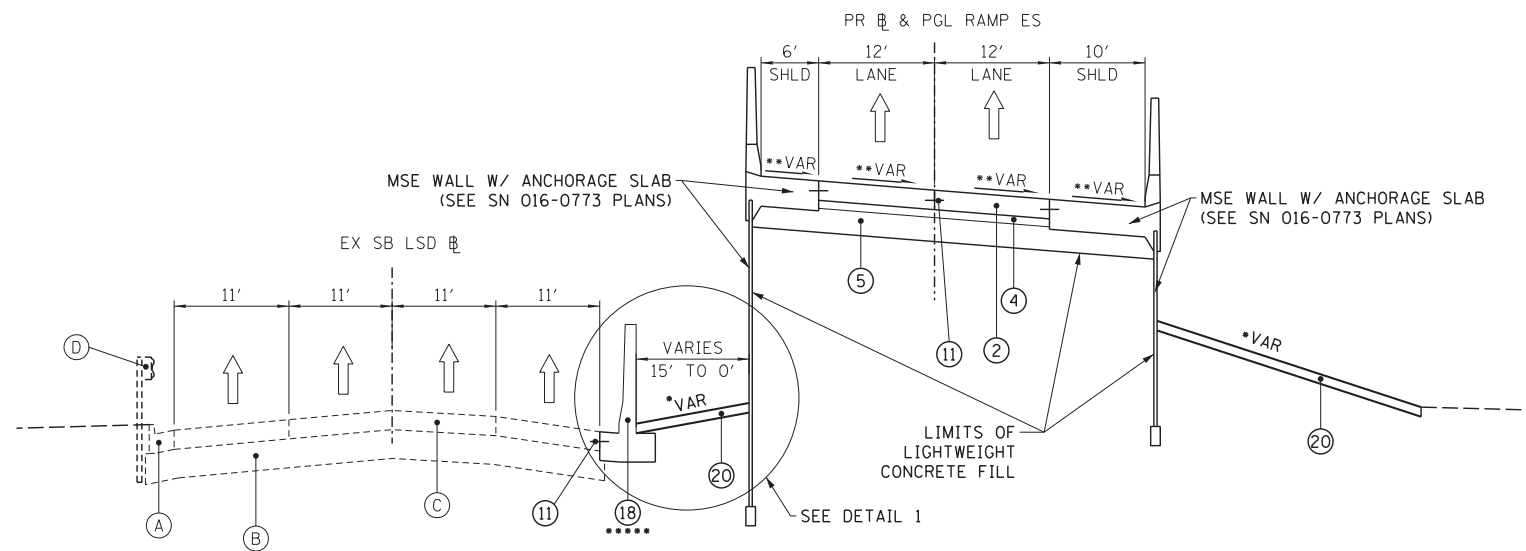
**PROPOSED TYPICAL SECTIONS
 RAMP EN**

SCALE: NONE SHEET NO. 4 OF 7 SHEETS STA. 206+26.83 TO STA. 214+61.30

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	888	37
				CONTRACT NO. 60X07
ILLINOIS FED. AID PROJECT				

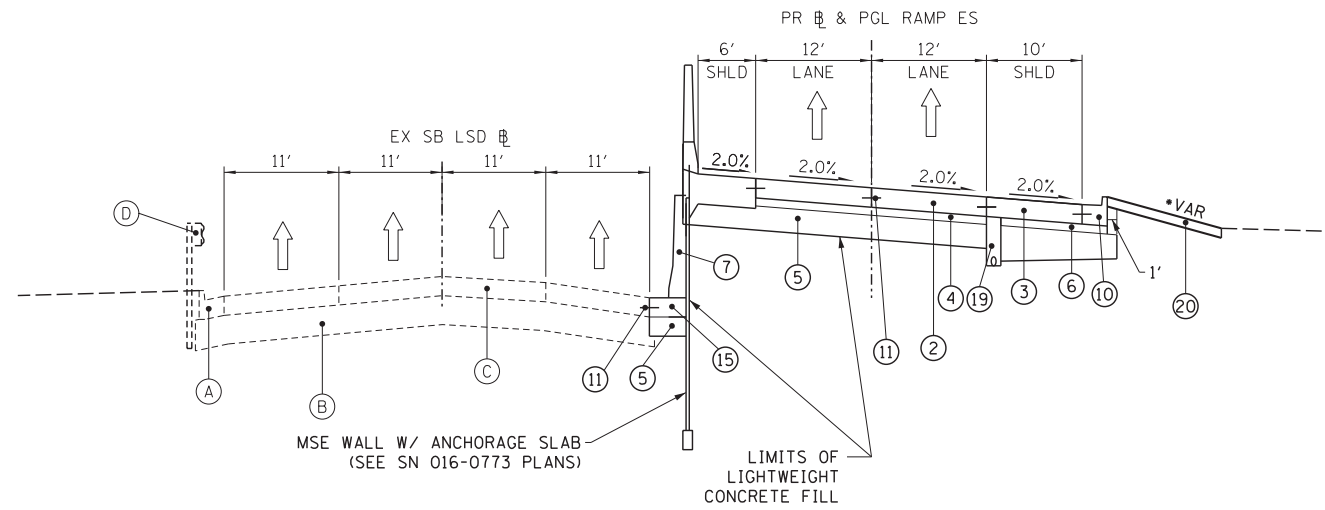


DETAIL 1
ALONG RAMP ES
RAMP ES STA 504+62.35 TO STA 505+20.00



PROPOSED RAMP ES
RAMP ES STA 503+39.55 TO STA 505+50.00
• SEE CROSS SECTIONS FOR GRADING LIMITS AND SLOPES
•• SEE SUPERELEVATION TRANSITION DETAILS FOR CROSS SLOPES
••• BRIDGE APPROACH PAVEMENT STA 503+46.55 TO 503+76.55 (SEE STRUCTURAL PLANS FOR DETAILS)
•••• BRIDGE APPROACH PAVEMENT CONNECTOR STA 503+76.55 TO 504+76.55
••••• GUARDRAIL LIMITS STA 501+05.18 TO STA 501+70.04
CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT (SPECIAL) LIMITS STA 501+70.04 TO STA 504+62.35

**RAMP ES
BRIDGE OMISSION**
RAMP ES STA 497+42.05 TO 503+47.05



PROPOSED RAMP ES
RAMP ES STA 505+50.00 TO STA 506+00.00
• SEE CROSS SECTIONS FOR GRADING LIMITS AND 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 POROUS GRANULAR EMBANKMENT
- 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 CROSS SECTIONS)
- 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, SINGLE FACE, 42 INCH HEIGHT (SPECIAL)
- ⑲ PIPE UNDERDRAINS, 6"
- ⑳ TOPSOIL FURNISH AND PLACE, 6" (SEE EROSION CONTROL SHEETS)

EXISTING SB LAKESHORE DRIVE LEGEND

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

FILE NAME = D:\60X07-Sht-Typical\05-RAMPES.dgn



USER NAME = augeungh
DRAWN - BS
CHECKED - MJE
PLOT DATE = 5/22/2015

DESIGNED - BS
DRAWN - BS
CHECKED - MJE
DATE - 5/26/2015

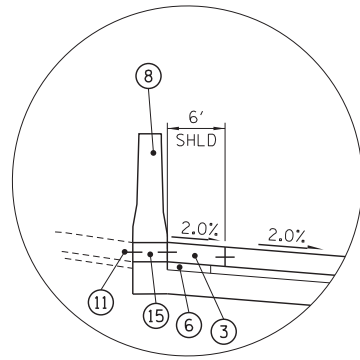
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

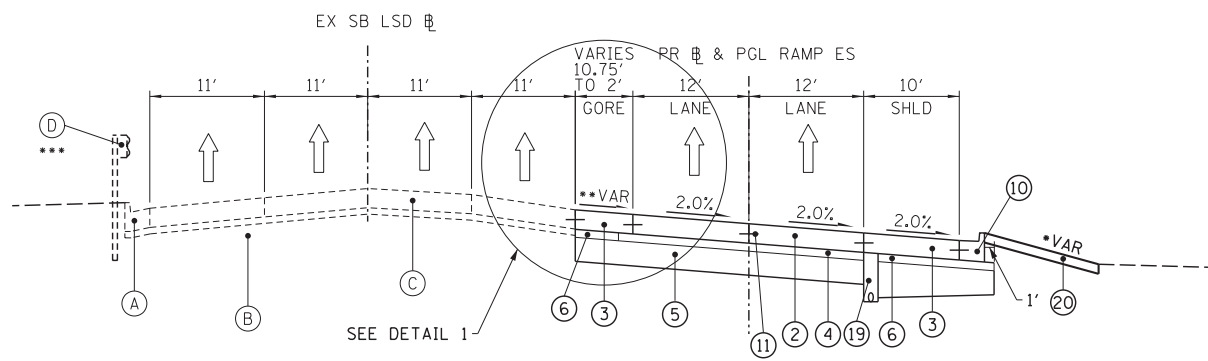
**PROPOSED TYPICAL SECTIONS
RAMP ES**

SCALE: NONE SHEET NO. 5 OF 7 SHEETS STA. 503+45.00 TO STA. 506+00.00

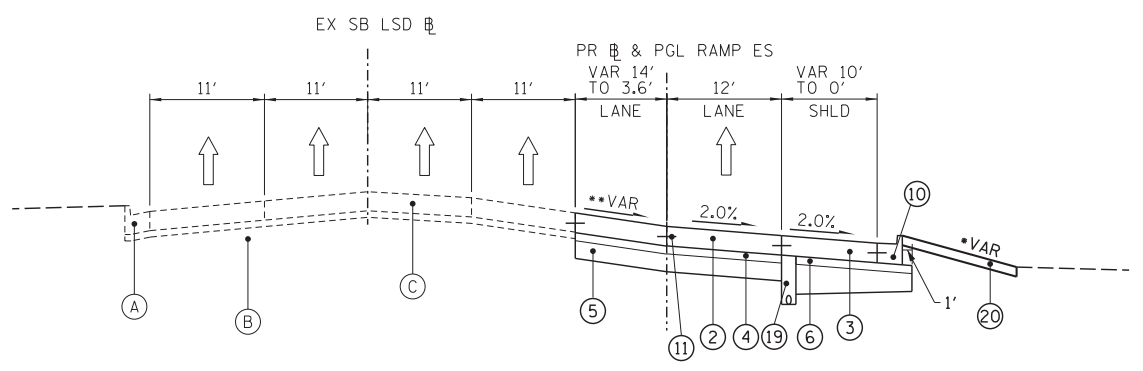
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	888	38
CONTRACT NO. 60X07				ILLINOIS FED. AID PROJECT



DETAIL 1
 ALONG RAMP ES
 RAMP ES STA 506+00.00 TO STA 507+00.00
 • SHOULDER WITH CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT LIMITS 506+00.00 TO 507+00.00
 •• GORE BEGINS STA 507+00.00



PROPOSED RAMP ES
 RAMP ES STA 506+00.00 TO STA 511+28.77
 • SEE CROSS SECTIONS FOR GRADING LIMITS AND SLOPES
 •• SEE GORE GRADING SHEETS FOR CROSS SLOPE DETAILS
 ••• EXISTING STEEL PLATE BEAM GUARDRAIL ENDS AT STA. 506+86.17



PROPOSED RAMP ES
 RAMP ES STA 511+28.77 TO STA 516+50.00
 • SEE CROSS SECTIONS FOR GRADING LIMITS AND SLOPES
 •• SEE GORE GRADING SHEETS FOR CROSS SLOPE DETAILS

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 POROUS GRANULAR EMBANKMENT
- 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 CROSS SECTIONS)
- 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, SINGLE FACE, 42 INCH HEIGHT (SPECIAL)
- ⑲ PIPE UNDERDRAINS, 6"
- ⑳ TOPSOIL FURNISH AND PLACE, 6" (SEE EROSION CONTROL SHEETS)

EXISTING SB LAKESHORE DRIVE LEGEND

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

FILE NAME = D:\60X07-Sht-1\spcal_06-RAMPES-2.dgn



USER NAME = ouyeungh
 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 5/22/2015

DESIGNED - BS
 DRAWN - BS
 CHECKED - MJE
 DATE - 5/26/2015

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

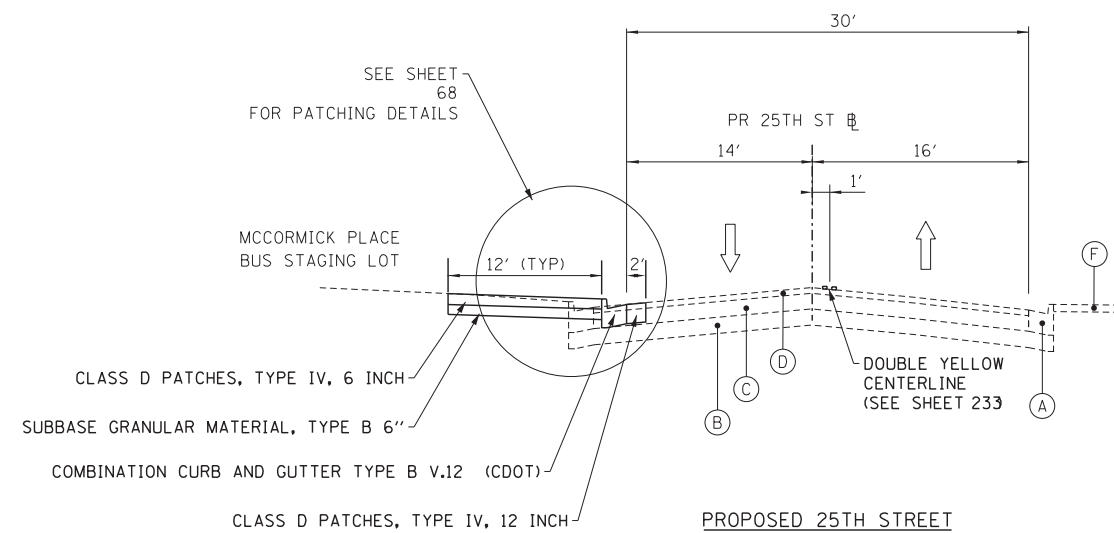
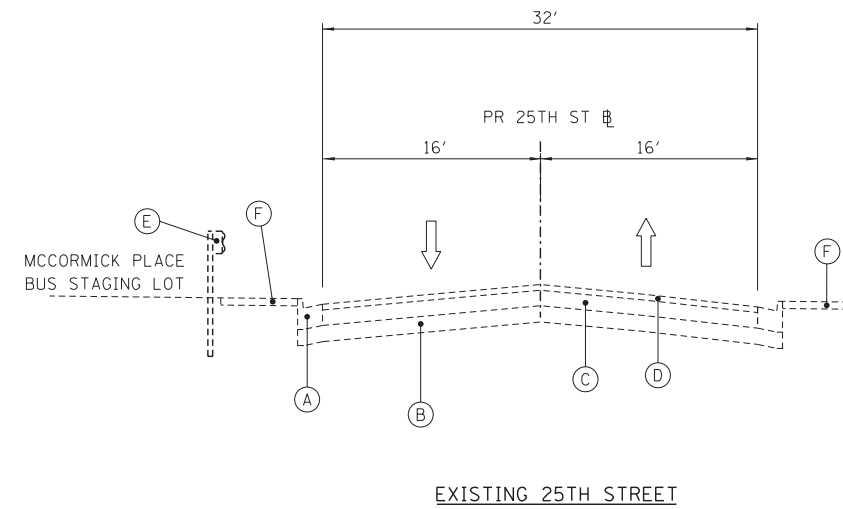
**PROPOSED TYPICAL SECTIONS
 RAMP ES**

SCALE: NONE SHEET NO. 6 OF 7 SHEETS STA. 506+00.00 TO STA. 516+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	888	39
				CONTRACT NO. 60X07
ILLINOIS FED. AID PROJECT				

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 CROSS SECTIONS)
- 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 25TH STREET LEGEND

- (A) EXISTING COMBINATION CONC. CURB AND GUTTER, TYPE B-6.12
- (B) EXISTING AGGREGATE SUBGRADE, 9"
- (C) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 9 1/2"
- (D) EXISTING ASPHALT OVERLAY, 3 1/2"
- (E) STEEL PLATE BEAM GUARDRAIL
- (F) EXISTING PCC SIDEWALK

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USER NAME = ouyeungh	DESIGNED - BS	REVISED -
	DRAWN - BS	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - MJE	REVISED -
PLOT DATE = 5/24/2015	DATE - 5/26/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTIONS
25TH STREET**

SCALE: NONE SHEET NO. 7 OF 8 SHEETS STA. 700+00.00 TO STA. 704+16.56

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	888	40
				CONTRACT NO. 60X07
ILLINOIS FED. AID PROJECT				

HOT MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS (%) @NDES	QMP
NB I-55, RAMP ES, RAMP EN		
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/OA
TEMPORARY BRIDGE STRUCTURE		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL-9.5 MM): 2"	4% @ 70 GYR	QC/OA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70: (THICKNESS VARIES, FIELD ENGINEER TO VERIFY AFTER SELECTION OF TEMPORARY BRIDGE TYPE)	4% @ 70 GYR	QC/OA
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/OA); QUALITY CONTROL FOR PERFORMANCE (QCP)		

1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SO 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.
4. QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

NB I-55

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

RAMP EN

STRUCTURAL DESIGN TRAFFIC:	YEAR <u>2040</u>
PV= <u>44,963</u> SU= <u>547</u> MU= <u>46</u>	
ROAD/STREET CLASSIFICATION:	CLASS <u>I</u>
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P= <u>100</u> S= <u>100</u> M= <u>100</u>	
TRAFFIC FACTOR: ACTUAL TF= <u>2.34</u> AC TYPE= _____	
MINIMUM TF= <u>8.26</u>	
PG GRADE: BINDER= _____ SURFACE= _____	
SUBGRADE SUPPORT RATING	
SSR= <u>POOR</u>	

RAMP ES

STRUCTURAL DESIGN TRAFFIC:	YEAR <u>2040</u>
PV= <u>21,874</u> SU= <u>517</u> MU= <u>67</u>	
ROAD/STREET CLASSIFICATION:	CLASS <u>I</u>
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P= <u>100</u> S= <u>100</u> M= <u>100</u>	
TRAFFIC FACTOR: ACTUAL TF= <u>2.49</u> AC TYPE= _____	
MINIMUM TF= <u>8.26</u>	
PG GRADE: BINDER= _____ SURFACE= _____	
SUBGRADE SUPPORT RATING	
SSR= <u>POOR</u>	

FILE NAME = D:\60X07-Sht-Typical.dgn



USER NAME = <u>ouyeungh</u>	DESIGNED - BS	REVISED -
	DRAWN - BS	REVISED -
PLOT SCALE = <u>10.0000</u> ' / in.	CHECKED - MJE	REVISED -
PLOT DATE = <u>5/22/2015</u>	DATE - <u>5/26/2015</u>	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS	
SCALE: NONE	SHEET NO. <u>7</u> OF <u>7</u> SHEETS
STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	888	41
CONTRACT NO. 60X07				
ILLINOIS FED. AID PROJECT				

REMOVAL SCHEDULE

SHEET	ROADWAY	*													
		TREE REMOVAL (UNDER6 DIAMETER) UNIT	TREE REMOVAL (6 TO 15 UNITS DIAMETER) UNIT	TREE REMOVAL (OVER15 UNITS DIAMETER) UNIT	PAVEMENT REMOVAL SQ YD	COMBINATTONCURB AND GUTTER REMOVAL FOOT	SIDEWALK REMOVAL SQ FT	CONCRETE BARRIERREMOVAL FOOT	PAVED SHOULDER REMOVAL SQ YD	GUARDRAIL REMOVAL FOOT	BOLLARD REMOVAL EACH	CONCRETE MEDIAN SURFACE REMOVAL SQ FT	REMOVE IMPACT ATTENUATOR, NO SALVAGE EACH	REMOVE IMPACT ATTENUATOR SAND MODULE EACH	FENCE REMOVAL FOOT
1	I-55NB	20	32	-	237	-	-	67	31	-	-	-	1	-	242
2	I-55NB / RAMP EN / RAMP ES	25	-	61	-	-	-	-	-	-	-	-	-	1	-
3	RAMP ES	36	376	222	1,830	2,328	-	189	76	277	-	-	-	-	-
4	RAMP ES	-	-	-	326	149	-	-	5	-	-	-	-	-	-
5	RAMP EN	30	32	261	1,857	1,229	-	187	1,458	-	-	-	-	-	-
--	ROADWAY DETAILS	12	-	-	934	1,343	7,906	-	-	302	5	3,658	-	-	462
TOTALS		123	440	544	5,184	5,049	7,906	443	1,570	579	5	3,658	1	1	704

* "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	POROUS GRANULAR EMBANKMENT	AGGREGATE SUBGRADE IMPROVEMENT 12"	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SUBBASE GRANULAR MATERIAL, TYPE C 4"	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"	PORTLAND CEMENT CONCRETE PAVEMENT 9' 3/4" (JOINTED)	PORTLAND CEMENT CONCRETE PAVEMENT 10"	PAVEMENT FABRIC	PROTECTIVE COAT	BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	PORTLAND CEMENT CONCRETE SHOULDERS 9' 3/4"
		CU YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ FT	SQ FT	SQ YD	SQ YD
1	I-55NB	0	4,305	-	-	101	2,576	2,043	-	534	-	534	-	-	-	101
2	I-55NB / RAMP EN / RAMP ES	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	RAMP ES	17	5,230	-	-	1,165	3,172	2,659	-	267	-	267	-	-	-	1,501
4	RAMP ES	0	384	-	-	31	310	287	-	-	-	-	-	-	-	55
5	RAMP EN	0	4,258	-	-	1,055	2,449	1,980	-	267	-	267	-	-	-	1,256
6	ROADWAY DETAILS	0	100	1,268	1,515	-	-	-	825	-	-	-	6,857	72	38	-
TOTALS		17	14,278	1,268	1,515	2,352	8,507	6,969	825	1,068	18,677	1,068	6,857	72	38	2,913

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 DATE - 5/26/2015

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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	2013-049B	COOK	888	42
CONTRACT NO. 60X07				
ILLINOIS FED. AID PROJECT				

PROPOSED PATCHING SCHEDULE

SHEET	ROADWAY	CLASS A PATCHES, TYPE IV, 10 INCH	CLASS B PATCHES, TYPE II, 10 INCH	CLASS C PATCHES, TYPE II, 10 INCH	CLASS C PATCHES, TYPE IV, 10 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 II, 9 INCH	CLASS D PATCHES, TYPE IV, 9 INCH	CLASS D PATCHES, TYPE IV, 12 INCH	PAVEMENT FABRIC	SAW CUTS	TIE BARS 3/4"
		SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	FOOT	EACH
1	I-55NB	596	-	-	-	-	-	-	-	-	-	595	946	473
2	I-55NB / RAMP EN / RAMP ES	-	-	-	-	-	-	-	-	-	-	-	-	-
3	RAMP ES	-	27	-	-	-	-	-	-	-	-	-	120	-
4	RAMP ES	-	-	-	-	-	-	-	-	-	-	-	-	-
5	RAMP EN	-	-	-	-	-	-	-	-	-	-	-	-	-
	ROADWAY DETAILS	-	-	14	197	6	50	2,973	38	54	114	-	-	28
TOTALS		596	27	14	197	6	50	2,973	38	54	114	595	1,066	501

PROPOSED CCC&G AND MEDIAN SCHEDULE

SHEET	ROADWAY	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6. 12	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6. 24	CONCRETE MEDIAN SURFACE, 6 INCH	COMBINATION CURB AND GUTTER TYPE (B.V. 12/ CDOT)
		FOOT	FOOT	SO FT	FOOT
1	I-55NB	-	-	1,183	-
2	I-55NB / RAMP EN / RAMP ES	-	-	-	-
3	RAMP ES	-	950	96	-
4	RAMP ES	-	150	-	-
5	RAMP EN	1,219	-	66	-
	ROADWAY DETAILS	898	49	6,486	410
TOTALS		2,117	1,149	7,831	410

NOTE :

1. DEPRESSED CURB AND GUTTER SHALL BE MEASURED FOR PAYMENT AS COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6. 12.

PROPOSED SAFETY ITEMS SCHEDULE

SHEET	ROADWAY	TEMPORARY FENCE	TRAFFIC BARRIER TERMINAL, TYPE 6	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL TANGENT)	REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE 2	CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT	CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT	CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT (SPECIAL)	CONCRETE BARRIER TRANSITION	CONCRETE BARRIER BASE	IMPACT ATTENUATORS (SEVERE USE, NARROW), TEST LEVEL 3	CHAIN LINK FENCE, 6'	CHAIN LINK GATES, 6' X 20' DOUBLE	BARRIER WALL MARKERS, TYPE C	TERMINAL MARKER - DIRECT APPLIED	DETECTABLE WARNINGS (SPECIAL)	BOLLARDS	REMOVE AND RESET ORNAMENTAL FENCE
		FOOT	EACH	EACH	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	FOOT	EACH	EACH	EACH	SO FT	EACH	FOOT
1	I-55NB	-	-	-	1	48	-	-	15	63	1	-	-	3	1	-	-	-
2	I-55NB / RAMP EN / RAMP ES	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
3	RAMP ES	1,155	1	1	-	138	90	319	10	238	-	-	-	22	1	-	-	-
4	RAMP ES	178	-	-	-	-	-	20	-	-	-	-	-	-	-	-	-	-
5	RAMP EN	839	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	ROADWAY DETAILS	-	1	1	-	-	-	-	-	-	-	99	3	-	-	8	2	125
TOTALS		2,172	2	2	1	186	90	339	25	301	2	99	3	25	2	8	2	125

NOTES:

1. ALSO SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS FOR ADDITIONAL ROADSIDE SAFETY QUANTITIES.

FILE NAME = D:\60X07-Sht-C-SCHEDULE02.dgn



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**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	2013-049B	COOK	888	43
CONTRACT NO. 60X07				
ILLINOIS FED. AID PROJECT				

PROPOSED EARTHWORK SCHEDULE

Table with columns: ALIGNMENT (NB I-55), STATION TO STATION, EARTH EXCAVATION CU YD, EARTH EXCAVATION ADJUSTED FOR SHRINKAGE CU YD, EMBANKMENT CU YD, EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) CU YD. Includes subtotal row for NB I-55.

Table with columns: ALIGNMENT (RAMP EN), STATION TO STATION, EARTH EXCAVATION CU YD, EARTH EXCAVATION ADJUSTED FOR SHRINKAGE CU YD, EMBANKMENT CU YD, EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) CU YD. Includes subtotal row for RAMP EN.

Table with columns: ALIGNMENT (RAMP ES), STATION TO STATION, EARTH EXCAVATION CU YD, EARTH EXCAVATION ADJUSTED FOR SHRINKAGE CU YD, EMBANKMENT CU YD, EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) CU YD. Includes subtotal row for RAMP ES.

Table with columns: ALIGNMENT (BUSWAY), STATION TO STATION, EARTH EXCAVATION CU YD, EARTH EXCAVATION ADJUSTED FOR SHRINKAGE CU YD, EMBANKMENT CU YD, EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) CU YD. Includes subtotal row for BUSWAY.

PROPOSED PAVEMENT MARKING SCHEDULE

Table with columns: SHEET, STATION TO STATION, THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS SQ FT, THERMOPLASTIC PAVEMENT MARKING - LINE 4" FOOT, THERMOPLASTIC PAVEMENT MARKING - LINE 6" FOOT, THERMOPLASTIC PAVEMENT MARKING - LINE 24" FOOT, POLYUREA PAVEMENT MARKING TYPE I - LINE 4" FOOT, POLYUREA PAVEMENT MARKING TYPE I - LINE 5" FOOT, POLYUREA PAVEMENT MARKING TYPE I - LINE 8" FOOT, POLYUREA PAVEMENT MARKING TYPE I - LINE 12" FOOT, RAISED REFLECTIVE PAVEMENT MARKER EACH, RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE) EACH. Includes subtotal row for TOTALS.

Summary table with columns: TOTALS, ROUNDED TOTAL, values: 7,653, 6,508, 1,054, 5,454.

- NOTES:
1. ESTIMATED SHRINKAGE FACTOR = 15%
2. APPROXIMATE EMBANKMENT QUANTITY IS SHOWN FOR INFORMATION ONLY.
3. APPROXIMATE EARTHWORK BALANCE IS SHOWN FOR INFORMATION ONLY.

*NOT PAY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

Table with columns: F.A.I. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., CONTRACT NO. 60X07, 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 MANHOLES, SPECIAL	CONNECTION TO EXISTING MANHOLE	FILLING MANHOLES	FILLING CATCH BASINS	COMMENTS
		EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	
NB I-55												
180+98.45	45.13' RT				1							
180+99.21	33.52' LT								1			EX MH S-01 60L70; CONSTRUCTED IN CONTRACT 60L70
181+04.87	54.83' RT			1								
181+10.25	21.03' LT				1							
182+58.96	33.57' LT									1		
182+67.96	25.91' LT				1							
184+19.70	31.99' LT									1		
184+24.00	19.97' LT				1							
184+29.20	29.35' RT							1				
186+21.35	18.29' LT				1							
186+35.51	31.96' LT								1			EX MH S-11 60L70; CONSTRUCTED IN CONTRACT 60L70
187+10.59	18.56' LT					1						EX CB RIM ELEV: 595.23 PR CB RIM ELEV: 595.23
187+28.36	24.70' LT	1										EX CB RIM ELEV: 594.17 PR CB RIM ELEV: 594.17
187+95.41	15.48' LT	1										EX CB RIM ELEV: 594.91 PR CB RIM ELEV: 594.91
187+96.29	36.90' RT	1										EX CB RIM ELEV: 594.92 PR CB RIM ELEV: 594.92
188+12.50	17.96' LT										1	
188+17.31	33.60' LT	1										EX CB RIM ELEV: 594.50 PR CB RIM ELEV: 594.50
189+06.44	38.07' RT				1							
189+10.79	32.15' LT								1			EX MANHOLE TO BE RECONSTRUCTED IN CONTRACT 60L70
189+17.58	27.31' RT										1	
189+96.74	17.68' LT										1	
190+74.75	40.00' LT					1						EX CB S-15 60L70; CONSTRUCTED IN CONTRACT 60L70
191+00.99	17.43' LT										1	
191+73.58	55.86' RT						1					
191+89.02	26.47' LT										1	
192+09.25	40.00' LT					1						EX CB S-16 60L70; CONSTRUCTED IN CONTRACT 60L70
194+08.58	32.24' LT		1									EX MH RIM ELEV: 594.47 PR MH RIM ELEV: 594.47
194+34.51	54.11' RT	1										
197+40.61	22.62' LT				1							
197+44.07	33.11' LT			1								
197+50.56	50.84' RT			1								
SB LAKE SHORE DRIVE												
2109+89.65	23.38' LT				1							
2108+18.22	23.41' LT				1							
2106+52.72	23.42' LT				1							
2102+61.68	23.51' LT				1							
2101+03.23	23.36' LT				1							
2099+39.07	23.40' LT				1							
RAMP ES												
497+80.00	41.68' RT				1							
497+87.38	41.41' RT						1					EX MH RIM ELEV: 590.89 PR MH RIM ELEV: 590.89
498+74.53	45.13' RT					1						EX CB RIM ELEV: 590.65 PR CB RIM ELEV: 590.65
499+66.89	39.23' RT				1							
499+66.50	44.93' RT			1								STRUCTURE NOT VISIBLE; MAY BE BURIED
500+73.94	77.86' LT									1		
500+80.27	40.45' RT				1							
501+61.25	17.33' LT									1		
502+31.00	15.39' RT									1		
502+68.94	12.75' RT				1							
503+06.47	12.54' RT			1								
504+11.38	58.83' RT									1		
504+26.03	12.13' RT				1							
504+49.74	12.55' LT			1								
505+52.79	19.18' RT				1							
505+56.39	1.31' RT			1								
506+19.49	11.84' LT				1							
507+77.67	27.52' RT				1							
507+77.54	7.86' LT			1								
SUBTOTALS		5	1	8	21	4	2	1	3	6	5	

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**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	2013-049B	COOK	888	45
CONTRACT NO. 60X07				
ILLINOIS FED. AID PROJECT				

EXISTING DRAINAGE STRUCTURE SCHEDULE (CONTINUED)

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 MANHOLES, SPECIAL	CONNECTION TO EXISTING MANHOLE	FILLING MANHOLES	FILLING CATCH BASINS	COMMENTS
		EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	
RAMP ES (CONTINUED)												
510+48.87	21.94' RT				1							
510+57.67	14.24' RT			1								
511+97.61	19.34' RT				1							
512+58.18	11.06' RT			1								TO BE REPLACED BY CONTROL STRUCTURE S-130
513+08.60	17.64' RT				1							
513+88.98	16.38' RT				1							
514+11.49	15.97' RT				1							
514+17.76	15.93' RT				1							
514+95.00	7.04' RT			1								TO BE REPLACED BY STRUCTURE S-135A
515+07.80	14.40' RT				1							
515+94.33	13.26' RT				1							
RAMP EN (NB I-55 BASELINE)												
198+99.51	43.48' LT				1							
200+63.82	19.26' RT									1		
200+81.93	52.61' LT									1		
201+35.26	163.27' LT								1			RECONSTRUCTED IN CONTRACT 60L70
205+74.75	43.65' LT						1					EX MH RIM ELEV: 590.16 PR MH RIM ELEV: 593.21
205+83.65	73.00' LT		1									EX MH RIM ELEV: 589.19 PR MH RIM ELEV: 589.94
205+97.51	63.86' LT						1					EX MH RIM ELEV: 589.05 PR MH RIM ELEV: 592.27
205+93.75	75.33' LT		1									EX MH RIM ELEV: 589.10 PR MH RIM ELEV: 590.11
206+52.27	93.96' LT					1						
207+33.34	15.00' RT							1				
207+62.55	71.53' LT			1								
207+67.34	35.73' LT					1						
209+06.62	23.95' LT					1						
209+62.98	11.78' RT		1									EX MH RIM ELEV: 600.44 PR MH RIM ELEV: 600.01
210+33.03	38.89' LT							1				EX MH RIM ELEV: 596.98 PR MH RIM ELEV: 596.98
210+79.67	19.30' RT					1						
211+74.85	29.39' LT							1				EX MH RIM ELEV: 596.41 PR MH RIM ELEV: 596.41
211+76.70	20.66' LT					1						
211+76.96	19.65' RT					1						
212+48.62	19.46' RT					1						
213+16.02	11.65' RT			1								
213+58.53	19.12' RT					1						
214+25.22	12.09' RT			1								
214+26.38	19.37' RT					1						
SUBTOTALS		0	3	6	17	1	4	1	1	2	0	
TOTALS		5	4	14	38	5	6	2	4	8	5	

EXISTING PIPE SCHEDULE

DRAINAGE AND UTILITY SHEET NO.	STATION	TRENCH BACKFILL	STORM SEWER REMOVAL						TELEVISION INSPECTION OF SEWER BEFORE CONSTRUCTION	TELEVISION INSPECTION OF SEWER AFTER CONSTRUCTION	STORM SEWERS TO BE CLEANED								ABANDON AND FILL EXISTING STORM SEWER
			8"	10"	12"	15"	18"	24"			8"	10"	12"	15"	18"	24"	48"	84"	
			FOOT								FOOT	FOOT	FOOT						
1	180+86 TO 190+00	CU YD		70	47				358	358			74						804
2	190+00 TO 500+00	190.0	145	27	148	47			802	802	261	38	9	165	90	134	163		203
3	500+00 TO 515+00	831.6	630	399	453								168						292
4	515+00 TO 516+50	0.0	18		151				87	87			87						
5	202+00 TO 214+61	321.8	69	35	110	256	49	156	662	662					405			266	28
TOTAL		1466.8	862	531	909	303	49	156	1909	1909	261	38	338	165	90	539	163	266	1327

NOTES:

- ADDITIONAL TRENCH BACKFILL QUANTITY PROVIDED ON THE DRAINAGE AND UTILITY SCHEDULE FOR THE PROPOSED STORM SEWER.
- THE QUANTITY PROVIDED FOR TELEVISION INSPECTION OF SEWER CONSISTS OF WORK BEFORE AND AFTER CONSTRUCTION UNLESS OTHERWISE NOTED.

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**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	2013-049B	COOK	888	46
CONTRACT NO. 60X07				
ILLINOIS FED. AID PROJECT				

PROPOSED DRAINAGE PIPE SCHEDULE (CONTINUED)

PIPE	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION	PIPE SLOPE %	STORM SEWERS, TYPE 2, 8", EXTRA STRENGTH VITRIFIED CLAY PIPE (CDOT)	STORM SEWERS, TYPE 1, DUCTILE IRON PIPE	STORM SEWERS, TYPE 2, DUCTILE IRON PIPE	STORMS SEWERS, CLASS A, TYPE 1	STORM SEWERS, CLASS A, TYPE 2					STORM SEWERS, CLASS A, TYPE 3			STORM SEWER (WATER MAIN REQUIREMENTS)			TRENCH BACKFILL	CONCRETE COLLAR
						8"	8"	21"	12"	15"	18"	21"	24"	10"	12"	24"	8"	12"	24"	(CY)	(CY)	
						FOOT	FOOT	FOOT	FOOT	FOOT					FOOT	FOOT	FOOT	FOOT	FOOT	FOOT		
RAMP ES (CONTINUED)																						
P-131	S-131 (FST)	BLIND CON. (P-131A)	587.04	584.16	1.00	6															1.3	
P-131A	S-131A	S-130 (FST)	584.05	582.97	0.50							216									160.9	
P-133	S-133	S-134 (FST)	586.84	586.68	1.00	16															1.2	
P-134	S-134 (FST)	BLIND CON. (P-131A)	586.68	584.66	1.00	7															1.2	
P-135	S-135	S-134 (FST)	586.84	586.68	1.00	16															1.7	
P-135A	S-135A	S-131A	584.10	584.05	0.51							10									4.1	
P-135B	S-135B	S-135A	584.93	584.10	0.50							167									66.2	
P-136	S-136 (FST)	BLIND CON. (P-135B)	586.98	584.99	1.00	12															2.3	0.23
P-137	S-137	BLIND CON. (P-135B)	585.92	585.42	1.00	8															2.0	
RAMP EN (NB I-55 BASELINE)																						
P-139A	S-139A	S-139B	585.25	584.43	1.00					82											33.6	
P-139B	S-139B	S-111B	584.43	583.71	0.50					144											119.9	
P-140	S-140	EX MH 10	587.84	587.00	0.58					144												
P-141	S-141 (FST)	S-142 (FST)	583.72	583.66	0.54		11															
P-143A	S-143A	S-143	579.88	579.56	0.63																51	
P-143B	EX CB 01	BLIND CON. (P-143A)	585.50	580.83	1.00												13					
P-143C	S-143	CONCRETE COLLAR	579.56	579.53	0.63					5												
P-144	S-144	S-143	582.80	582.49	0.67																47	
P-145	S-145 (FST)	S-143A	580.51	579.88	0.63												100					
P-145A	CONCRETE COLLAR	S-145 (FST)	582.49	582.46	0.54												5					0.54
P-147	S-147	S-145 (FST)	592.33	591.35	2.00																49	4.9
P-148	S-148	S-147	598.26	597.90	1.00					36												6.6
P-149	S-149	S-147	598.90	597.90	1.98					51												10.5
P-150	S-150	S-152	593.78	593.00	1.00					78												26.5
P-151	S-151	S-152	593.61	593.00	1.00					61												16.5
P-152	S-152	EX MH 05	591.39	591.12	0.51																	17.6
P-154	S-154	EX MH 07	590.74	590.51	0.51																	19.7
P-155	S-155	S-156	593.40	593.00	1.98					20												4.5
P-156	S-156	S-154	593.00	592.97	0.46					7												1.7
P-157	S-157	S-156	593.40	593.00	2.01					20												4.4
P-158	S-158	S-154	591.58	591.04	0.50																	78.3
P-159	S-159	S-158	593.52	593.45	1.08					7												1.6
P-160	S-160	S-161	594.70	594.64	0.94					6												1.6
P-161	S-161	S-158	592.20	591.58	0.49																	95.7
P-162	CONCRETE COLLAR	CONCRETE COLLAR	590.01	589.68	0.98																34	
SUBTOTALS						65	11	0	0	656	331	0	0	398	0	0	105	13	129	51	685	1
TOTALS						84	11	29	77	1501	791	143	206	713	4	73	105	25	130	51	1876	2

NOTES:

- ESTIMATED INVERTS AND PIPE SLOPES ARE SHOWN FOR PROPOSED PIPES CONNECTING TO EXISTING PIPES WITH A CONCRETE COLLAR. THIS INFORMATION SHALL BE FIELD VERIFIED AND ADJUSTED AS NECESSARY.
- ADDITIONAL TRENCH BACKFILL QUANTITY PROVIDED ON THE DRAINAGE AND UTILITY PLAN SHEETS FOR STORM SEWER REMOVAL.
- DOWNSTREAM INVERTS FOR BLIND CONNECTIONS TO PROPOSED PIPES ARE REPORTED AT THE CENTERLINE OF THE PROPOSED DOWNSTREAM PIPE. FOLLOW CDWM DETAILS FOR CONSTRUCTION OF PIPE DRAIN CONNECTIONS.
- DOWNSTREAM INVERTS FOR BLIND CONNECTIONS TO EXISTING PIPES ARE REPORTED BASED ON PIPE SLOPE. ELEVATION OF TIE IN TO BE FIELD DETERMINED AND CONSTRUCTED BASED ON CDWM DETAILS.

FILE NAME = D:\07-07-15-Drain_Schedule\06.dgn



USER NAME = seorsb	DESIGNED - NSA	REVISED -
	DRAWN - NSA	REVISED -
PLOT SCALE = 50.0000' / in.	CHECKED - EY	REVISED -
PLOT DATE = 5/26/2015	DATE - 5/26/2015	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	2013-049B	COOK	888	50
CONTRACT NO. 60X07				
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	LT/RT	STRUCTURE	STATION	OFFSET	LT/RT	FOOT	FOOT
NB I-55										
PU-16		181+16	36.75	RT	S-105	181+01	46.10	RT	12	10
PU-17		181+16	12.75	LT	S-102	181+01	22.97	LT	12	10
RAMP ES										
PU-18		505+50	12.75	RT	S-120	501+54	22.00	RT	99	10
PU-19		506+59	12.75	RT	S-121	507+18	22.00	RT	70	10
PU-20		508+34	12.75	RT	S-124	507+47	22.00	RT	96	10
PU-21		508+34	12.75	RT	S-122	509+43	14.50	RT	101	10
PU-22		509+48	12.75	RT	S-127	510+58	14.50	RT	100	10
PU-23		510+63	12.75	RT	S-130	512+58	14.50	RT	187	10
PU-24		512+68	12.75	RT	S-134	513+20	22.00	RT	147	10
PU-28		515+03	12.75	RT	S-131A	514+73	14.25	RT	108	10
PU-30		516+50	12.75	RT	S-137	515+94	14.25	RT	46	10
RAMP EN										
PU-35		207+50	12.75	RT	S-148	208+30	22.00	RT	75	10
PU-35A		208+51	12.75	RT	S-148	208+30	22.00	RT	17	10
PU-36		208+51	12.75	RT	S-150	209+56	21.00	RT	98	10
PU-37		209+55	12.75	RT	S-152	210+35	14.52	RT	76	10
PU-38		210+40	12.75	RT	S-151	210+96	20.87	RT	50	10
PU-40		211+01	12.75	RT	S-156	211+93	20.00	RT	84	10
PU-41		212+95	12.75	RT	S-156	211+93	20.00	RT	96	10
PU-43		214+20	12.75	RT	S-159	213+00	20.00	RT	112	10
PU-44		214+62	12.75	RT	S-160	214+26	20.00	RT	29	10
TOTALS									1615	200

FILE NAME = D:\60X07-Sht-Drain-Schedule07.dgn



USER NAME = seorsb	DESIGNED - NSA	REVISED -
	DRAWN - NSA	REVISED -
PLOT SCALE = 50.0000' / in.	CHECKED - EY	REVISED -
PLOT DATE = 5/24/2015	DATE - 5/26/2015	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	2013-049B	COOK	888	51
CONTRACT NO. 60X07				
ILLINOIS FED. AID PROJECT				

EX NB I-55 (STEVENSON 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 NB I-55 (STEVENSON 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 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

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	1,887,942.9920	1,180,294.6899
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+44.44	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 NB I-55

EX CURVE RCEB_1
 PI STA. = 39+80.65
 $\Delta = 3^\circ 15' 15''$ (LT)
 $D = 0^\circ 37' 16''$
 $R = 9,222.82'$
 $T = 261.97'$
 $L = 523.80'$
 $E = 3.72'$
 PC STA. = 37+18.68
 PT STA. = 42+42.48

EX CURVE RCEB_2
 PI STA. = 48+48.90
 $\Delta = 18^\circ 39' 36''$ (RT)
 $D = 4^\circ 15' 00''$
 $R = 1,348.14'$
 $T = 221.49'$
 $L = 439.06'$
 $E = 18.07'$
 PC STA. = 46+27.41
 PT STA. = 50+66.47

EX CURVE RCEB_3
 PI STA. = 58+47.95
 $\Delta = 35^\circ 57' 54''$ (LT)
 $D = 4^\circ 15' 00''$
 $R = 1,348.14'$
 $T = 437.58'$
 $L = 846.24'$
 $E = 69.24'$
 PC STA. = 54+10.36
 PT STA. = 62+56.60

EX CURVE RCEB_4
 PI STA. = 69+67.95
 $\Delta = 20^\circ 29' 01''$ (RT)
 $D = 2^\circ 51' 53''$
 $R = 2,000.00'$
 $T = 361.37'$
 $L = 715.02'$
 $E = 32.38'$
 PC STA. = 66+06.58
 PT STA. = 73+21.60

EX RAMP E				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		600+00.00	1,887,929.9906	1,178,089.8608
PC	EX_RAMPE-1	602+78.04	1,887,913.1536	1,178,367.3893
PI	EX_RAMPE-1	604+49.11	1,887,902.7944	1,178,538.1424
PT	EX_RAMPE-1	606+19.60	1,887,868.3212	1,178,705.7000
POT		606+99.94	1,887,852.1293	1,178,784.4005

EX RAMP E

EX CURVE EX_RAMPE-1
 PI STA. = 604+49.11
 $\Delta = 8^\circ 09' 15''$ (RT)
 $D = 2^\circ 23' 14''$
 $R = 2,400.00'$
 $T = 171.07'$
 $L = 341.56'$
 $E = 6.09'$
 P.C. STA. = 602+78.04
 P.T. STA. = 606+19.60

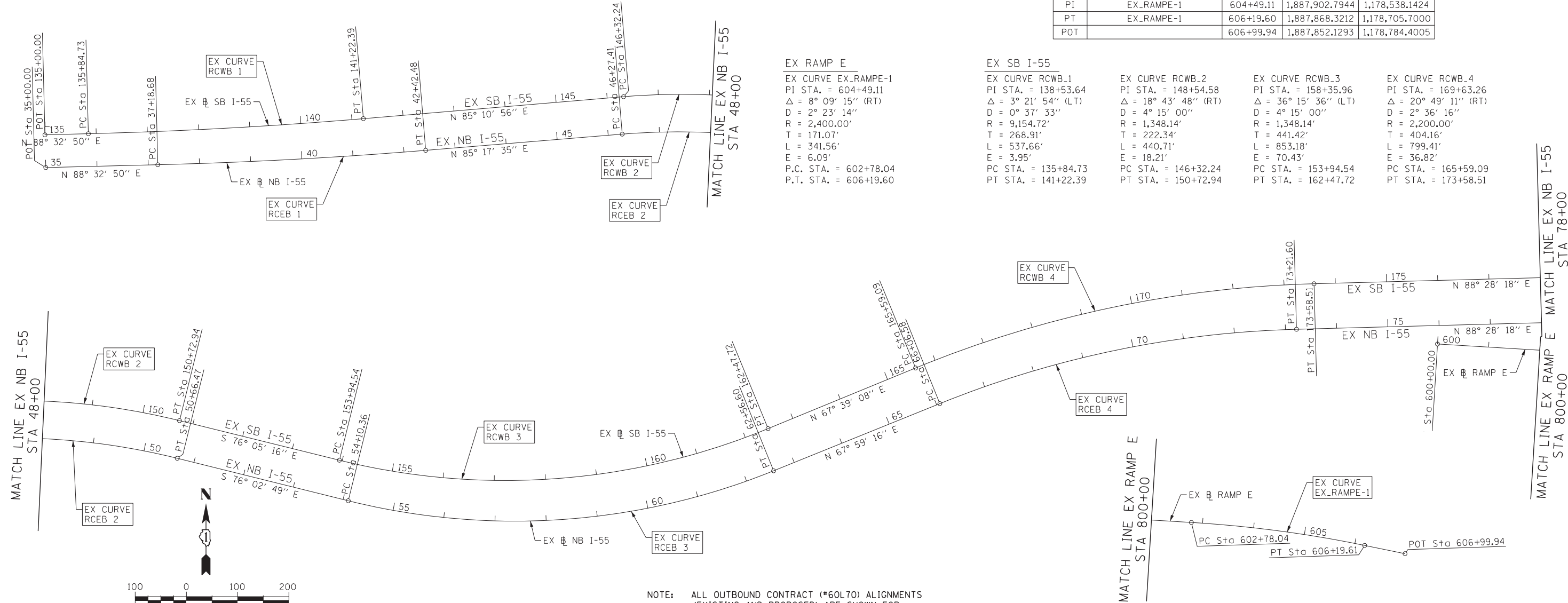
EX SB I-55

EX CURVE RCWB_1
 PI STA. = 138+53.64
 $\Delta = 3^\circ 21' 54''$ (LT)
 $D = 0^\circ 37' 33''$
 $R = 9,154.72'$
 $T = 268.91'$
 $L = 537.66'$
 $E = 3.95'$
 PC STA. = 135+84.73
 PT STA. = 141+22.39

EX CURVE RCWB_2
 PI STA. = 148+54.58
 $\Delta = 18^\circ 43' 48''$ (RT)
 $D = 4^\circ 15' 00''$
 $R = 1,348.14'$
 $T = 222.34'$
 $L = 440.71'$
 $E = 18.21'$
 PC STA. = 146+32.24
 PT STA. = 150+72.94

EX CURVE RCWB_3
 PI STA. = 158+35.96
 $\Delta = 36^\circ 15' 36''$ (LT)
 $D = 4^\circ 15' 00''$
 $R = 1,348.14'$
 $T = 441.42'$
 $L = 853.18'$
 $E = 70.43'$
 PC STA. = 153+94.54
 PT STA. = 162+47.72

EX CURVE RCWB_4
 PI STA. = 169+63.26
 $\Delta = 20^\circ 49' 11''$ (RT)
 $D = 2^\circ 36' 16''$
 $R = 2,200.00'$
 $T = 404.16'$
 $L = 799.41'$
 $E = 36.82'$
 PC STA. = 165+59.09
 PT STA. = 173+58.51



NOTE: ALL OUTBOUND CONTRACT (*60L70) ALIGNMENTS (EXISTING AND PROPOSED) ARE SHOWN FOR INFORMATION ONLY.

FILE NAME = D:\60X07-Sht-AT1801.dgn



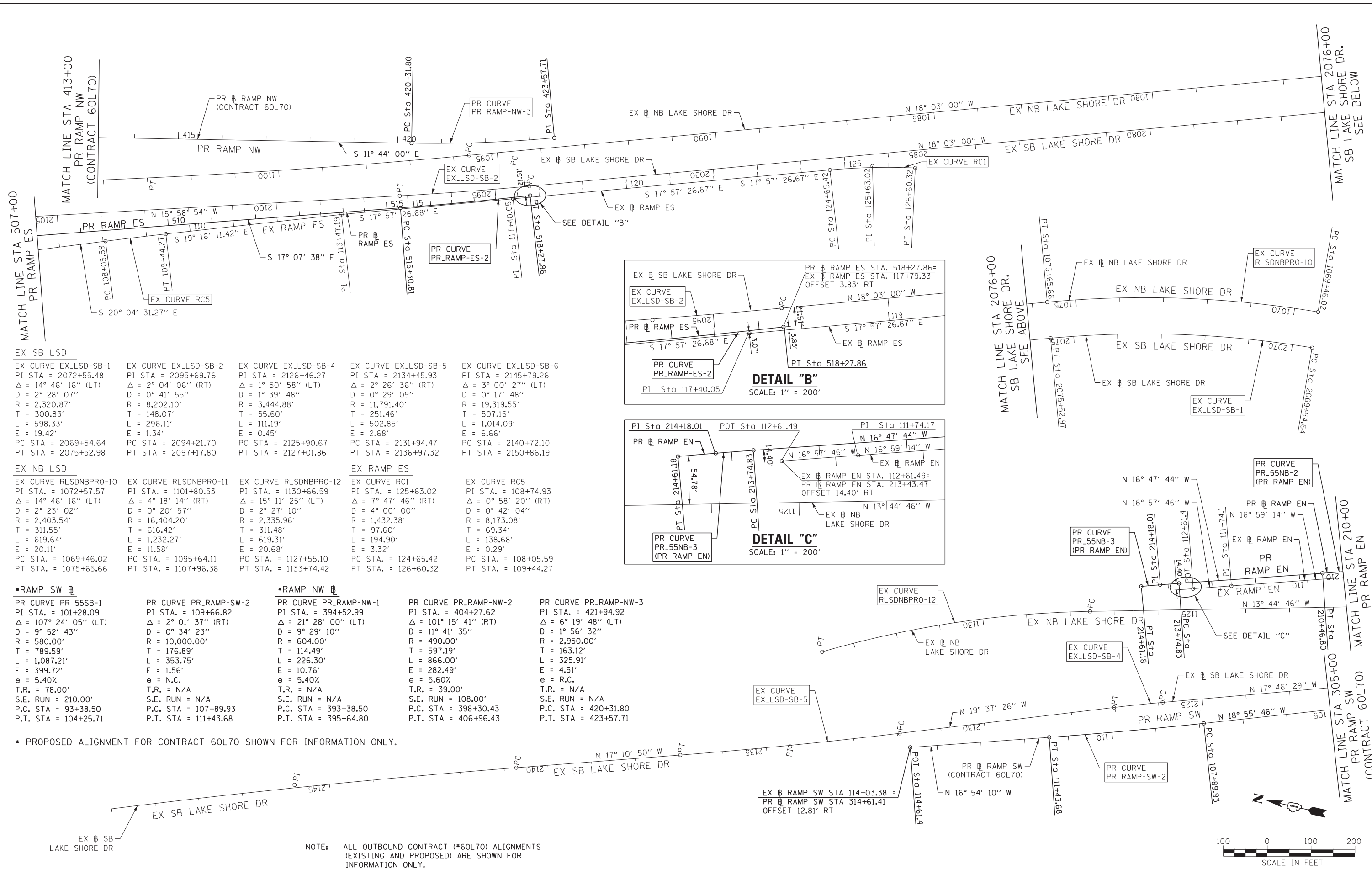
USER NAME = augeungh	DESIGNED - CRH	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - PHP	REVISED -
PLOT DATE = 5/22/2015	CHECKED - MJE	REVISED -
	DATE - 5/26/2015	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1" = 100' SHEET NO. 1 OF 6 SHEETS STA. TO STA.

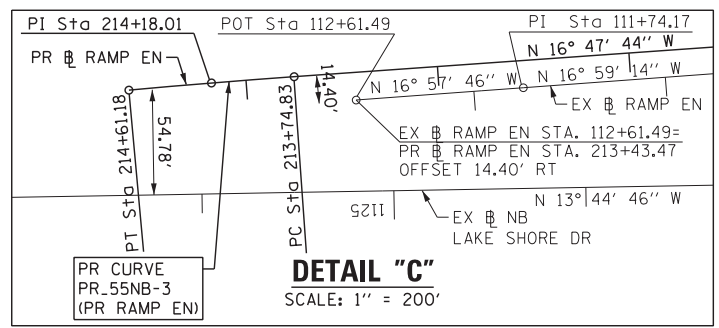
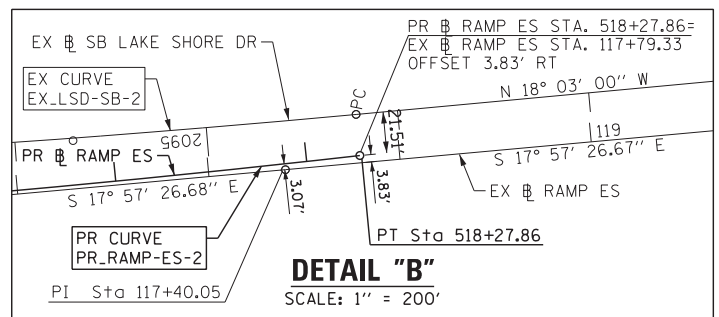
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	888	52
CONTRACT NO. 60X07				
ILLINOIS FED. AID PROJECT				



EX SB LSD		EX CURVE EX.LSD-SB-1		EX CURVE EX.LSD-SB-2		EX CURVE EX.LSD-SB-4		EX CURVE EX.LSD-SB-5		EX CURVE EX.LSD-SB-6	
PI STA = 2072+55.48	$\Delta = 14^\circ 46' 16''$ (LT)	PI STA = 2095+69.76	$\Delta = 2^\circ 04' 06''$ (RT)	PI STA = 2126+46.27	$\Delta = 1^\circ 50' 58''$ (LT)	PI STA = 2134+45.93	$\Delta = 2^\circ 26' 36''$ (RT)	PI STA = 2145+79.26	$\Delta = 3^\circ 00' 27''$ (LT)	PI STA = 2150+86.19	$\Delta = 0^\circ 17' 48''$
D = 2° 28' 07"	R = 2,320.87'	D = 0° 41' 55"	R = 8,202.10'	D = 1° 39' 48"	R = 3,444.88'	D = 0° 29' 09"	R = 11,791.40'	D = 0° 17' 48"	R = 19,319.55'	D = 507.16'	R = 1,014.09'
T = 300.83'	L = 598.33'	T = 148.07'	L = 111.19'	T = 55.60'	L = 111.19'	T = 251.46'	L = 502.85'	T = 507.16'	L = 1,014.09'	E = 6.66'	E = 6.66'
E = 19.42'	PC STA = 2069+54.64	E = 1.34'	PC STA = 2094+21.70	E = 0.45'	PC STA = 2125+90.67	E = 2.68'	PC STA = 2131+94.47	E = 6.66'	PC STA = 2140+72.10	E = 6.66'	PT STA = 2150+86.19
PT STA = 2075+52.98		PT STA = 2097+17.80		PT STA = 2127+01.86		PT STA = 2136+97.32		PT STA = 2150+86.19			

EX NB LSD		EX CURVE RLSDNBPRO-10		EX CURVE RLSDNBPRO-11		EX CURVE RLSDNBPRO-12		EX CURVE RC1		EX CURVE RCS	
PI STA = 1072+57.57	$\Delta = 14^\circ 46' 16''$ (LT)	PI STA = 1101+80.53	$\Delta = 4^\circ 18' 14''$ (RT)	PI STA = 1130+66.59	$\Delta = 15^\circ 11' 25''$ (LT)	PI STA = 125+63.02	$\Delta = 7^\circ 47' 46''$ (RT)	PI STA = 108+74.93	$\Delta = 0^\circ 58' 20''$ (RT)	PI STA = 117+40.05	$\Delta = 17^\circ 57' 26.67''$ E
D = 2° 23' 02"	R = 2,403.54'	D = 0° 20' 57"	R = 16,404.20'	D = 2° 27' 10"	R = 2,335.96'	D = 4° 00' 00"	R = 1,432.38'	D = 0° 42' 04"	R = 8,173.08'	D = 3.07'	R = 117.40'
T = 311.55'	L = 619.64'	T = 616.42'	L = 1,232.27'	T = 311.48'	L = 619.31'	T = 97.60'	L = 194.90'	T = 69.34'	L = 138.68'	T = 507.16'	L = 1,014.09'
E = 20.11'	PC STA = 1069+46.02	E = 11.58'	PC STA = 1095+64.11	E = 20.68'	PC STA = 1127+55.10	E = 3.32'	PC STA = 124+65.42	E = 0.29'	PC STA = 108+05.59	E = 6.66'	PT STA = 2150+86.19
PT STA = 1075+65.66		PT STA = 1107+96.38		PT STA = 1133+74.42		PT STA = 126+60.32		PT STA = 109+44.27			

*RAMP SW		*RAMP NW	
PR CURVE PR_55SB-1	PR CURVE PR_RAMP-SW-2	PR CURVE PR_RAMP-NW-1	PR CURVE PR_RAMP-NW-2
PI STA = 101+28.09	PI STA = 109+66.82	PI STA = 394+52.99	PI STA = 404+27.62
$\Delta = 107^\circ 24' 05''$ (LT)	$\Delta = 2^\circ 01' 37''$ (RT)	$\Delta = 21^\circ 28' 00''$ (LT)	$\Delta = 101^\circ 15' 41''$ (RT)
D = 9° 52' 43"	D = 0° 34' 23"	D = 9° 29' 10"	D = 11° 41' 35"
R = 580.00'	R = 10,000.00'	R = 604.00'	R = 490.00'
T = 789.59'	T = 176.89'	T = 114.49'	T = 597.19'
L = 1,087.21'	L = 353.75'	L = 226.30'	L = 866.00'
E = 399.72'	E = 1.56'	E = 10.76'	E = 282.49'
e = 5.40%	e = N.C.	e = 5.40%	e = 5.60%
T.R. = 78.00'	T.R. = N/A	T.R. = N/A	T.R. = 39.00'
S.E. RUN = 210.00'	S.E. RUN = N/A	S.E. RUN = N/A	S.E. RUN = 108.00'
P.C. STA = 93+38.50	P.C. STA = 107+89.93	P.C. STA = 393+38.50	P.C. STA = 398+30.43
P.T. STA = 104+25.71	P.T. STA = 111+43.68	P.T. STA = 395+64.80	P.T. STA = 406+96.43



*RAMP SW		*RAMP NW	
PR CURVE PR_55SB-1	PR CURVE PR_RAMP-SW-2	PR CURVE PR_RAMP-NW-1	PR CURVE PR_RAMP-NW-2
PI STA = 101+28.09	PI STA = 109+66.82	PI STA = 394+52.99	PI STA = 404+27.62
$\Delta = 107^\circ 24' 05''$ (LT)	$\Delta = 2^\circ 01' 37''$ (RT)	$\Delta = 21^\circ 28' 00''$ (LT)	$\Delta = 101^\circ 15' 41''$ (RT)
D = 9° 52' 43"	D = 0° 34' 23"	D = 9° 29' 10"	D = 11° 41' 35"
R = 580.00'	R = 10,000.00'	R = 604.00'	R = 490.00'
T = 789.59'	T = 176.89'	T = 114.49'	T = 597.19'
L = 1,087.21'	L = 353.75'	L = 226.30'	L = 866.00'
E = 399.72'	E = 1.56'	E = 10.76'	E = 282.49'
e = 5.40%	e = N.C.	e = 5.40%	e = 5.60%
T.R. = 78.00'	T.R. = N/A	T.R. = N/A	T.R. = 39.00'
S.E. RUN = 210.00'	S.E. RUN = N/A	S.E. RUN = N/A	S.E. RUN = 108.00'
P.C. STA = 93+38.50	P.C. STA = 107+89.93	P.C. STA = 393+38.50	P.C. STA = 398+30.43
P.T. STA = 104+25.71	P.T. STA = 111+43.68	P.T. STA = 395+64.80	P.T. STA = 406+96.43

* PROPOSED ALIGNMENT FOR CONTRACT 60L70 SHOWN FOR INFORMATION ONLY.

NOTE: ALL OUTBOUND CONTRACT (*60L70) ALIGNMENTS (EXISTING AND PROPOSED) ARE SHOWN FOR INFORMATION ONLY.

FILE NAME = D:\60X07-Sht-AT1803.dgn



USER NAME = augeungh	DESIGNED - CRH	REVISED -
PLOT SCALE = 100.0001' / in.	DRAWN - PHP	REVISED -
PLOT DATE = 5/22/2015	CHECKED - MJE	REVISED -
	DATE - 5/26/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1" = 100' SHEET NO. 3 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	888	54

CONTRACT NO. 60X07
ILLINOIS FED. AID PROJECT

MLK TURNAROUND				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
PC	MLK_TURN-1	10+00.00	1,887,910.9580	1,179,103.1941
PI	MLK_TURN-1	10+38.62	1,887,933.3894	1,179,134.6271
PT	MLK_TURN-1	10+72.44	1,887,971.8363	1,179,138.2388
POT	MLK_TURN-2	12+34.07	1,888,133.4397	1,179,140.7047

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

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

25TH STREET				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		700+00.00	1,887,951.4684	1,179,325.9107
POT		704+51.40	1,887,965.2201	1,179,777.1046

DONNELLY DRIVE				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
PC	DONNELLY-1	24+88.10	1,887,961.5323	1,179,726.5870
PI	DONNELLY-1	25+43.73	1,887,973.5943	1,179,780.8154
PT	DONNELLY-1	25+74.40	1,888,017.3227	1,179,781.2756
PC	DONNELLY-2	26+77.95	1,888,120.8641	1,179,782.3652
PI	DONNELLY-2	26+93.70	1,888,136.6133	1,179,782.5309
PT	DONNELLY-2	27+09.24	1,888,151.7833	1,179,778.2956

PROPOSED BUSWAY-S				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		75+00.00	1,887,962.3120	1,179,777.1932
PC	PR_BUSWAY-S-1	75+27.15	1,887,964.4193	1,179,804.2600
PI	PR_BUSWAY-S-1	76+42.87	1,887,973.4019	1,179,919.6353
PT	PR_BUSWAY-S-1	76+87.40	1,888,081.2825	1,179,877.7556
POT		77+60.00	1,888,148.9611	1,179,851.4825

PROPOSED BUSWAY-N				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		599+92.08	1,888,046.0631	1,179,781.5780
PC	PR_BUSWAY-N-1	600+44.10	1,888,053.0125	1,179,833.1291
PI	PR_BUSWAY-N-1	600+97.42	1,888,060.1351	1,179,885.9651
PT	PR_BUSWAY-N-1	601+20.00	1,888,109.8354	1,179,866.6712

MINES DRIVE				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
PC	MINES-1	65+00.00	1,888,106.1732	1,180,114.8438
PI	MINES-1	65+23.58	1,888,113.8624	1,180,092.5570
PT	MINES-1	65+43.62	1,888,135.4015	1,180,085.6423
POT		66+49.65	1,888,237.7688	1,180,054.5441

EXISTING BUSWAY				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
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+65.46	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

MLK_TURN
 PROP. CURVE MLK_TURN-1
 PI STA. = 10+38.62
 $\Delta = 49^\circ 07' 14''$ (LT)
 D = 67' 48" 22"
 R = 84.50'
 T = 38.62'
 L = 72.44'
 E = 8.41'
 e = N/A
 T.R. = N/A
 S.E. RUN = N/A
 P.C. STA. = 10+00.00
 P.T. STA. = 10+72.44

NB_MLK
 PROP. CURVE NB_MLK-1
 PI STA. = 21+60.18
 $\Delta = 12^\circ 06' 56''$ (LT)
 D = 11' 58" 18"
 R = 478.59'
 T = 50.79'
 L = 101.20'
 E = 2.69'
 e = N/A
 T.R. = N/A
 S.E. RUN = N/A
 P.C. STA. = 21+09.39
 P.T. STA. = 22+10.59

DONNELLY
 PROP. CURVE DONNELLY-1
 PI STA. = 25+42.25
 $\Delta = 87^\circ 39' 05''$ (LT)
 D = 101' 34" 12"
 R = 56.41'
 T = 54.14'
 L = 86.30'
 E = 21.78'
 e = N/A
 T.R. = N/A
 S.E. RUN = N/A
 P.C. STA. = 24+88.10
 P.T. STA. = 25+74.40

PROP. CURVE DONNELLY-2
 PI STA. = 26+93.70
 $\Delta = 16^\circ 12' 07''$ (LT)
 D = 51' 46" 49"
 R = 110.65'
 T = 15.75'
 L = 31.29'
 E = 1.12'
 e = N/A
 T.R. = N/A
 S.E. RUN = N/A
 P.C. STA. = 26+77.95
 P.T. STA. = 27+09.24

PR_BUSWAY-S
 PROP. CURVE PR_BUSWAY-S-1
 PI STA. = 76+42.87
 $\Delta = 106^\circ 45' 53''$ (LT)
 D = 66' 37" 23"
 R = 86.00'
 T = 115.72'
 L = 160.25'
 E = 58.18'
 e = N/A
 T.R. = N/A
 S.E. RUN = N/A
 P.C. STA. = 75+27.15
 P.T. STA. = 76+87.40

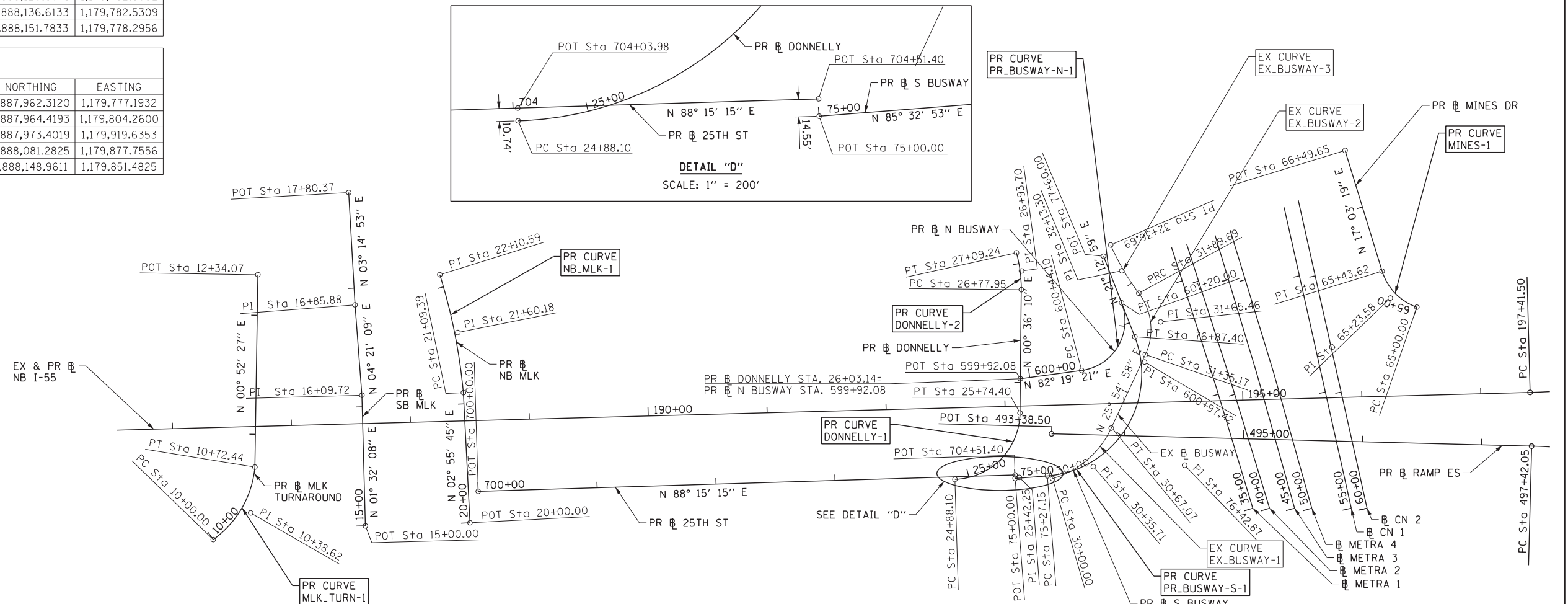
PR_BUSWAY-N
 PROP. CURVE PR_BUSWAY-N-1
 PI STA. = 600+97.42
 $\Delta = 103^\circ 32' 20''$ (LT)
 D = 136' 25" 07"
 R = 42.00'
 T = 53.31'
 L = 75.90'
 E = 25.87'
 e = N/A
 T.R. = N/A
 S.E. RUN = N/A
 P.C. STA. = 600+44.10
 P.T. STA. = 601+20.00

MINES
 PROP. CURVE MINES-1
 PI STA. = 65+23.58
 $\Delta = 53^\circ 54' 35''$ (RT)
 D = 123' 35" 13"
 R = 46.36'
 T = 23.58'
 L = 43.62'
 E = 5.65'
 e = N/A
 T.R. = N/A
 S.E. RUN = N/A
 P.C. STA. = 65+00.00
 P.T. STA. = 65+43.62

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

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

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



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USER NAME = augeungh
 PLOT SCALE = 50.0000' / in.
 PLOT DATE = 5/22/2015

DESIGNED - CRH
 DRAWN - PHP
 CHECKED - MJE
 DATE - 5/26/2015

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

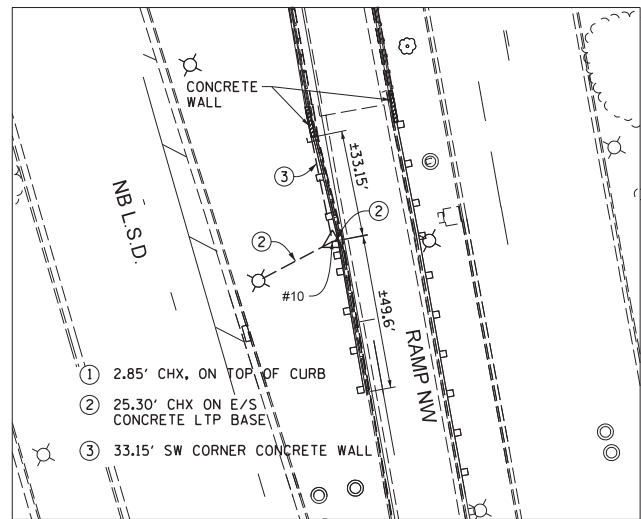
SCALE: 1" = 50' SHEET NO. 4 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	888	55

CONTRACT NO. 60X07

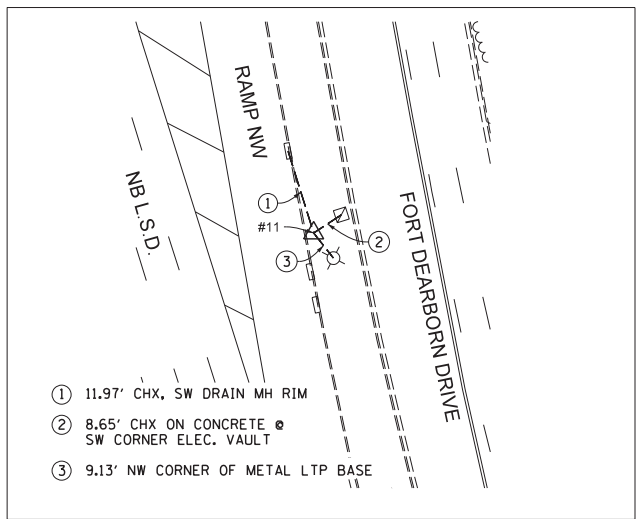
ILLINOIS FED. AID PROJECT

CPT# 10. IRC



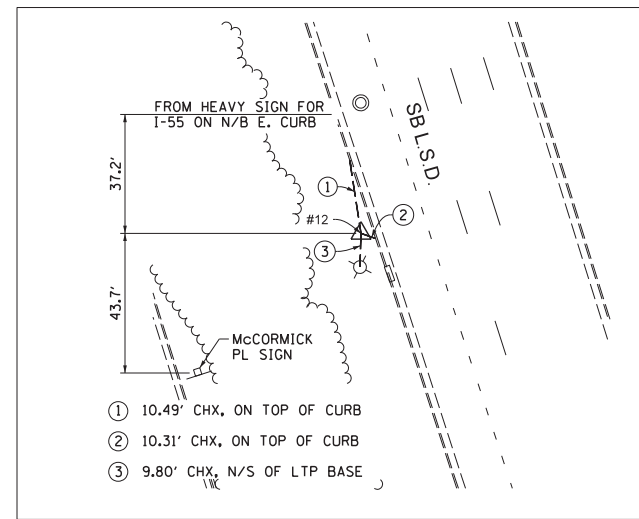
NORTHING: 1,886,947.49
 EASTING: 1,181,122.94
 ELEVATION: 593.47

CPT# 11. IRC



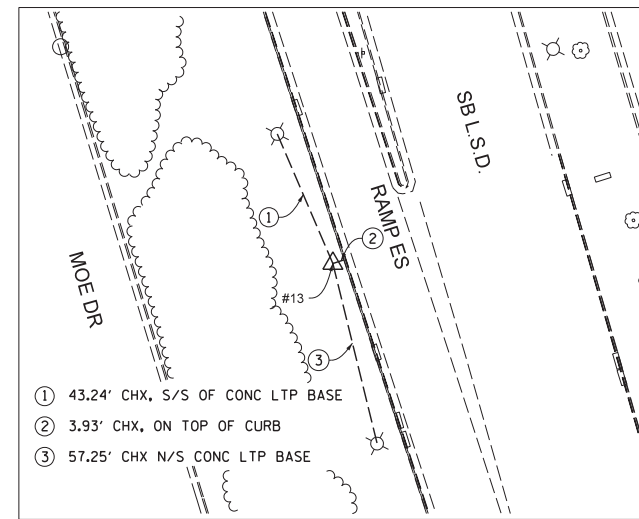
NORTHING: 1,886,628.01
 EASTING: 1,181,209.80
 ELEVATION: 590.05

CPT# 12. IRC



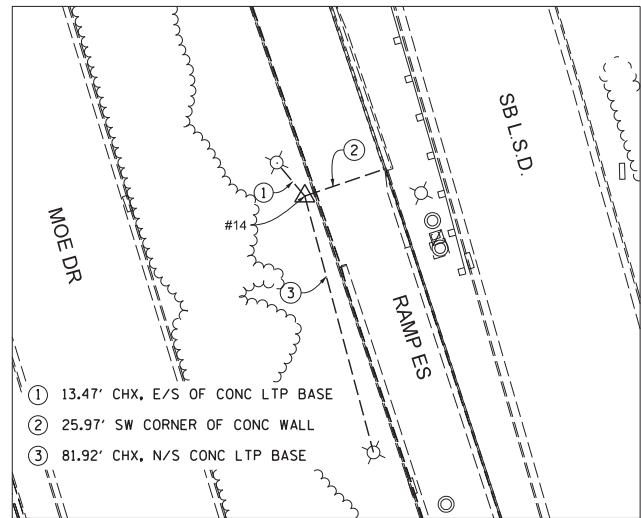
NORTHING: 1,886,325.79
 EASTING: 1,181,119.29
 ELEVATION: 591.72

CPT# 13. IRC



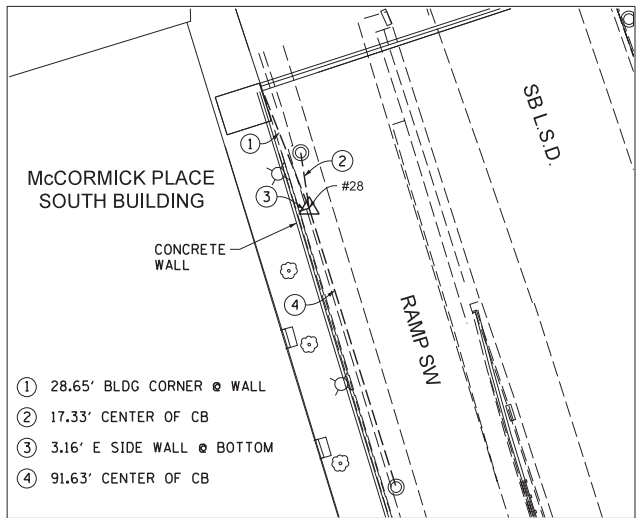
NORTHING: 1,886,718.94
 EASTING: 1,180,991.34
 ELEVATION: 590.58

CPT# 14. IRC



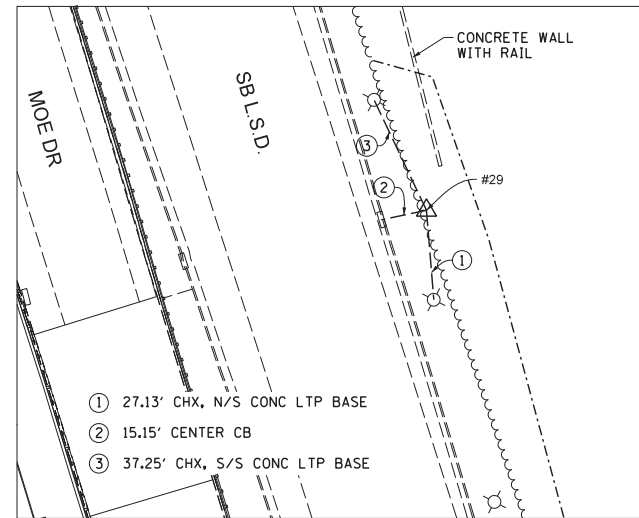
NORTHING: 1,887,104.93
 EASTING: 1,180,866.12
 ELEVATION: 592.65

CPT# 28. MAG



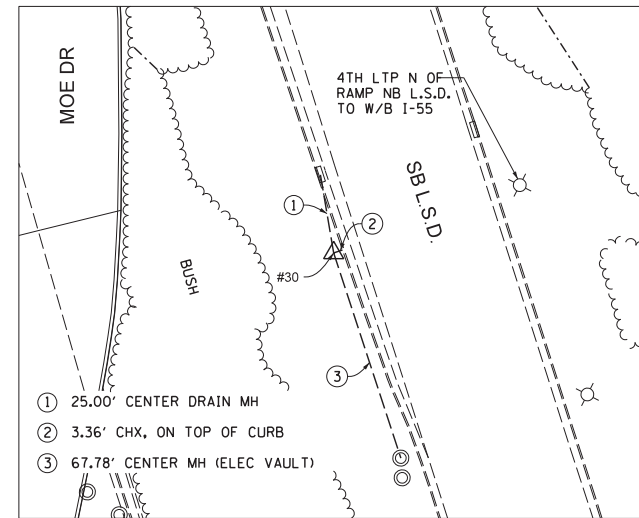
NORTHING: 1,889,364.54
 EASTING: 1,180,146.97
 ELEVATION: 601.865

CPT# 29. IRC



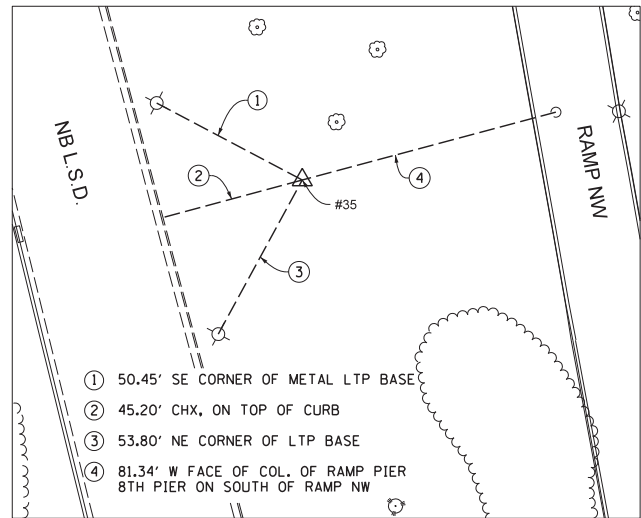
NORTHING: 1,889,079.04
 EASTING: 1,180,365.93
 ELEVATION: N/A

CPT# 30. IRC



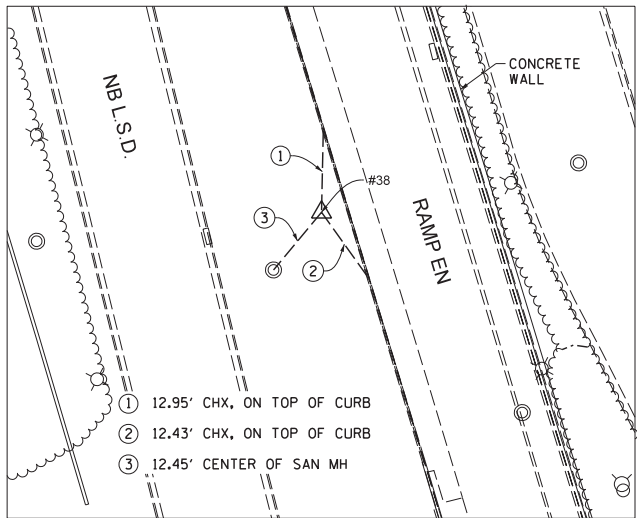
NORTHING: 1,888,641.37
 EASTING: 1,180,430.16
 ELEVATION: 598.73

CPT# 35. IRC



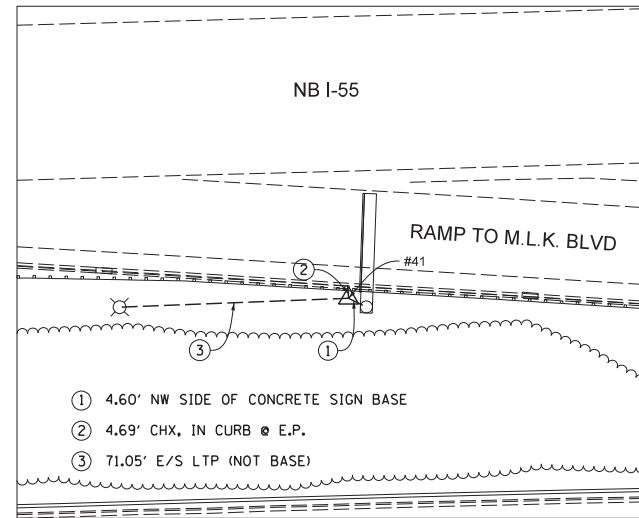
NORTHING: 1,887,955.55
 EASTING: 1,180,864.13
 ELEVATION: 590.51

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

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 PLOT SCALE = 30.0000' / in.
 PLOT DATE = 5/22/2015

DESIGNED - CRH
 DRAWN - PHP
 CHECKED - MLE
 DATE - 5/26/2015

REVISED -
 REVISED -
 REVISED -
 REVISED -

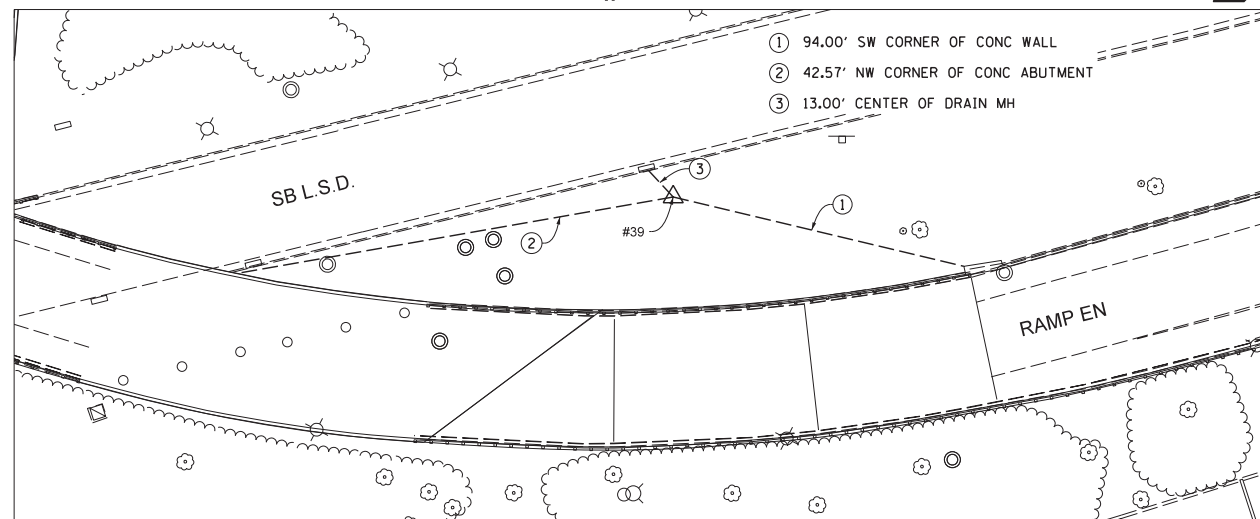
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1" = 30' SHEET NO. 5 OF 6 SHEETS STA. TO STA.

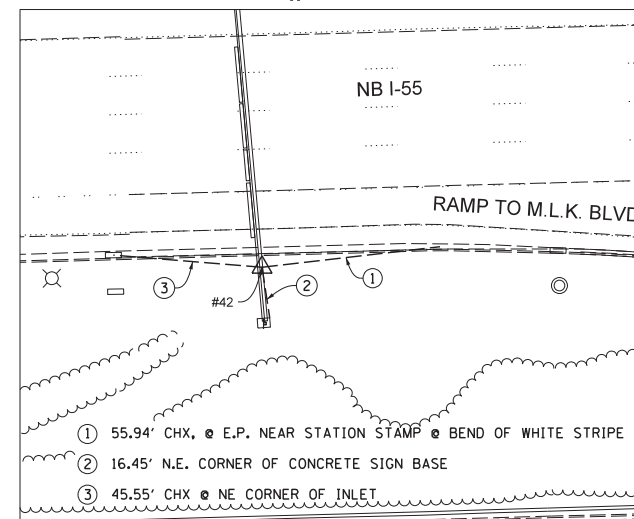
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	888	56
CONTRACT NO. 60X07				
ILLINOIS FED. AID PROJECT				

CPT# 39. IRC



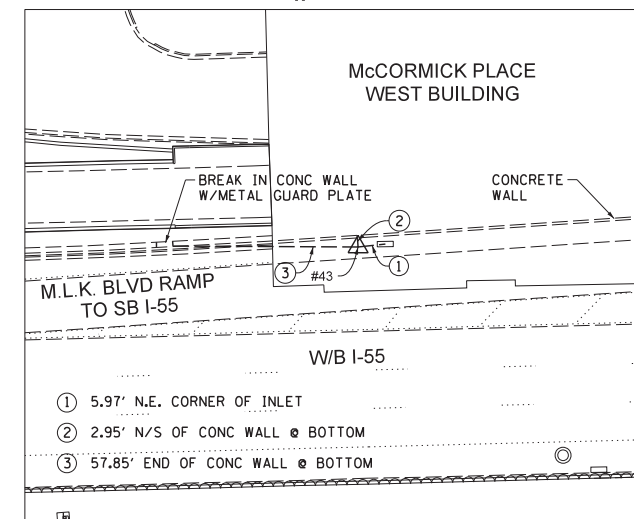
NORTHING: 1,888,645.11
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 ELEVATION: 590.82

CPT# 42. IRC



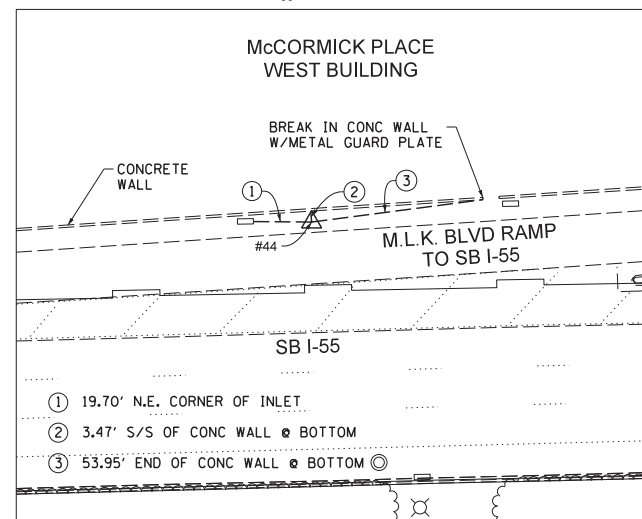
NORTHING: 1,887,916.58
 EASTING: 1,178,035.08
 ELEVATION: 581.42

CPT# 43. IRC



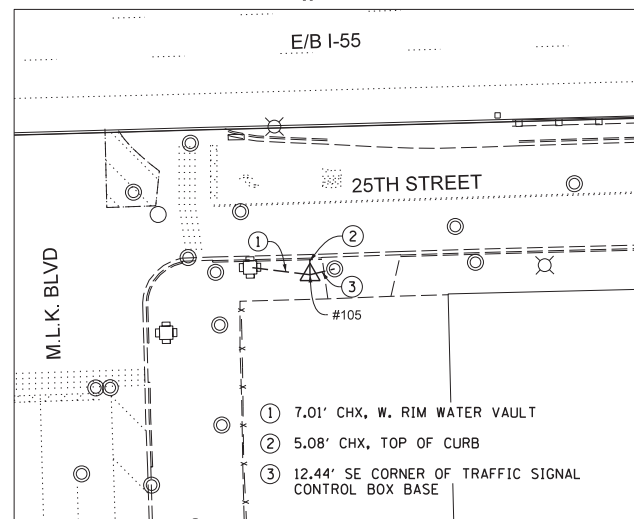
NORTHING: 1,888,093.77
 EASTING: 1,178,117.59
 ELEVATION: 583.46

CPT# 44. CHX



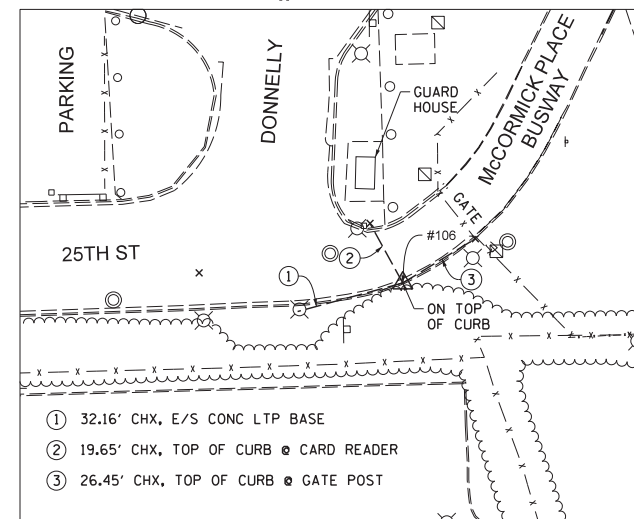
NORTHING: 1,888,107.77
 EASTING: 1,178,334.22
 ELEVATION: 590.06

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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 PLOT DATE = 5/22/2015

DESIGNED - CRH
 DRAWN - PHP
 CHECKED - MJE
 DATE - 5/26/2015

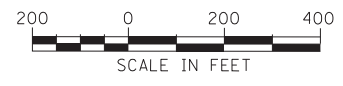
REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1" = 30' SHEET NO. 6 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	888	57
CONTRACT NO. 60X07				
ILLINOIS FED. AID PROJECT				



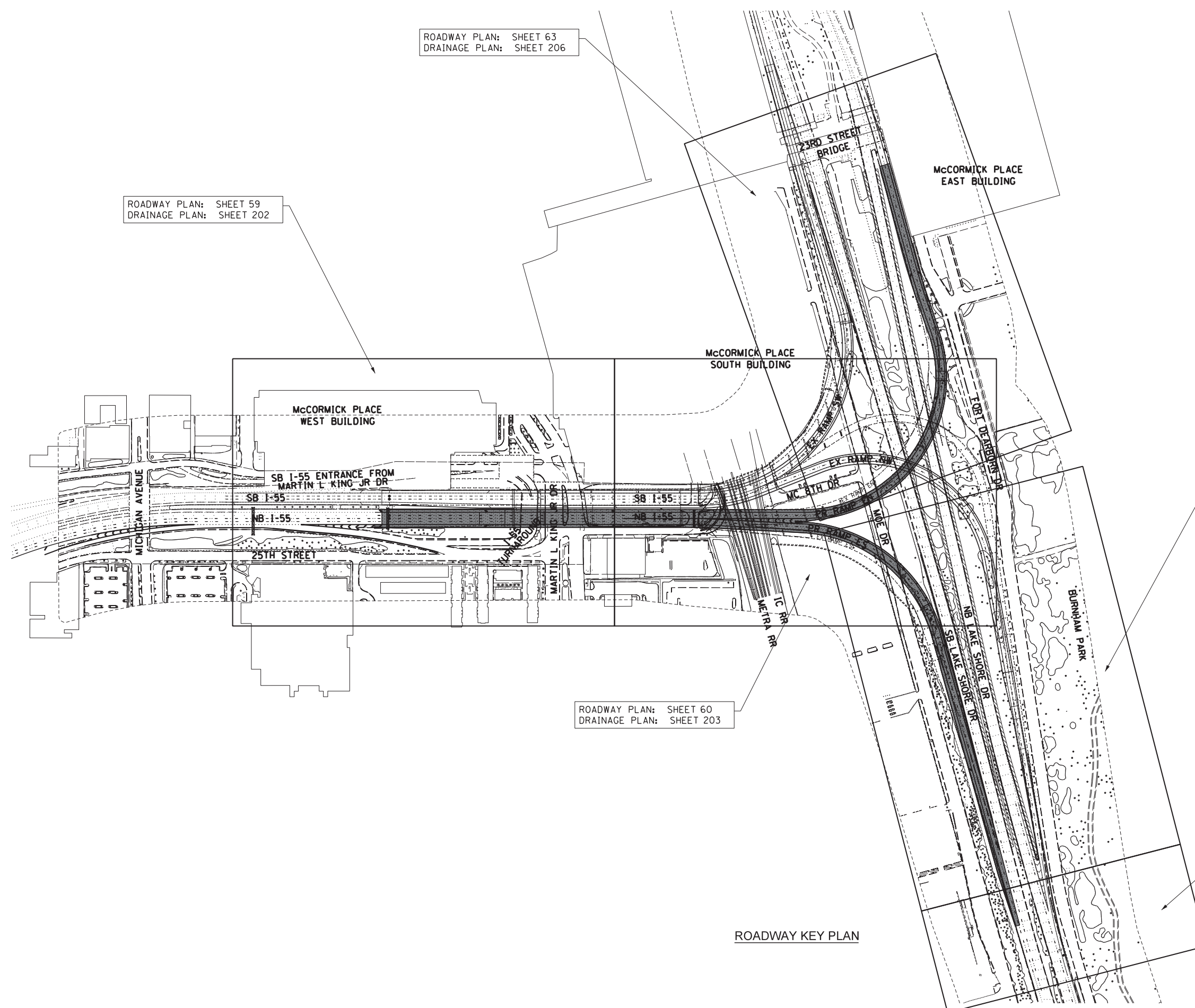
ROADWAY PLAN: SHEET 63
DRAINAGE PLAN: SHEET 206

ROADWAY PLAN: SHEET 59
DRAINAGE PLAN: SHEET 202

ROADWAY PLAN: SHEET 61
DRAINAGE PLAN: SHEET 204

ROADWAY PLAN: SHEET 60
DRAINAGE PLAN: SHEET 203

ROADWAY PLAN: SHEET 62
DRAINAGE PLAN: SHEET 205



ROADWAY KEY PLAN

FILE NAME = D:\60X07-Sht-KeyPlan\am01.dgn



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	DRAWN - CRH	REVISED -
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PLOT DATE = 5/22/2015	DATE - 5/26/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY KEY PLAN

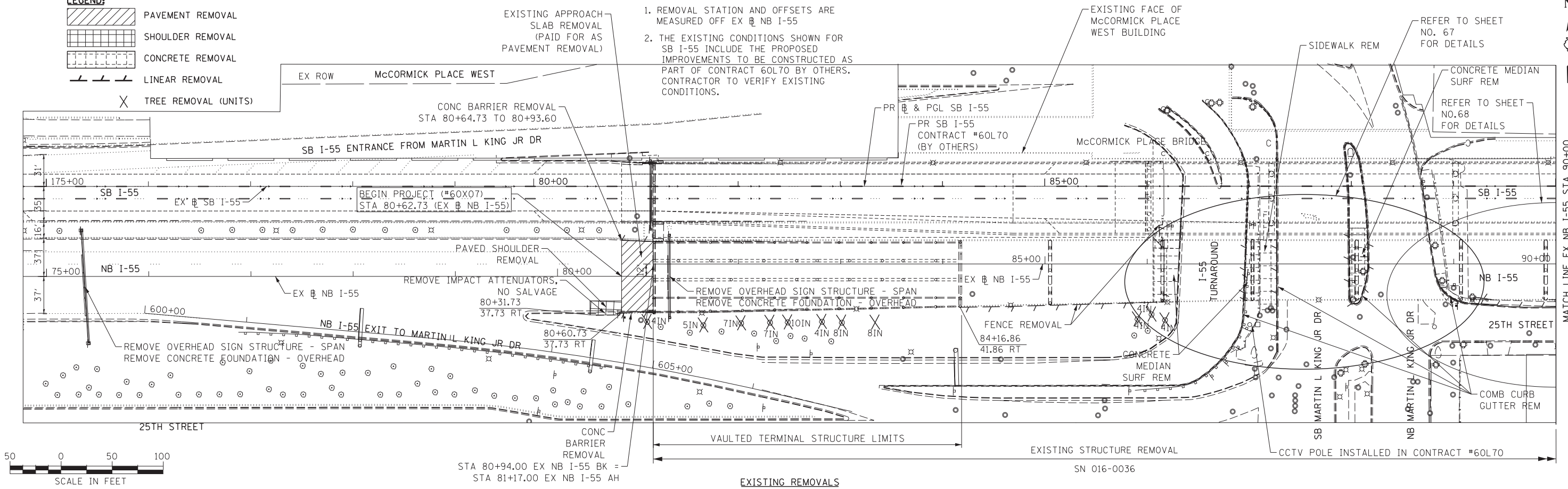
SCALE: 1" = 200' SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	888	58
CONTRACT NO. 60X07				
ILLINOIS FED. AID PROJECT				

- LEGEND:**
- PAVEMENT REMOVAL
 - SHOULDER REMOVAL
 - CONCRETE REMOVAL
 - LINEAR REMOVAL
 - TREE REMOVAL (UNITS)

NOTES

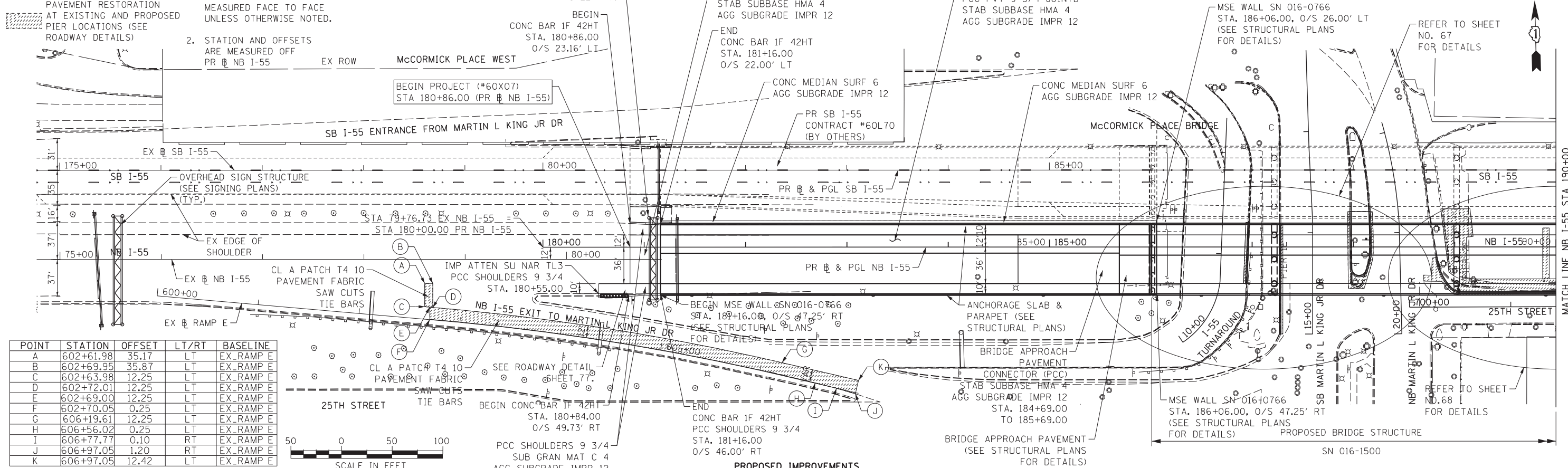
1. REMOVAL STATION AND OFFSETS ARE MEASURED OFF EX NB I-55
2. THE EXISTING CONDITIONS SHOWN FOR SB I-55 INCLUDE THE PROPOSED IMPROVEMENTS TO BE CONSTRUCTED AS PART OF CONTRACT 60L70 BY OTHERS. CONTRACTOR TO VERIFY EXISTING CONDITIONS.



LEGEND:

NOTES

1. ALL DIMENSIONS ARE MEASURED FACE TO FACE UNLESS OTHERWISE NOTED.
2. STATION AND OFFSETS ARE MEASURED OFF PR NB I-55



POINT	STATION	OFFSET	LT/RT	BASELINE
A	602+61.98	35.17	LT	EX_RAMP E
B	602+69.95	35.87	LT	EX_RAMP E
C	602+63.98	12.25	LT	EX_RAMP E
D	602+72.01	12.25	LT	EX_RAMP E
E	602+69.00	12.25	LT	EX_RAMP E
F	602+70.05	0.25	LT	EX_RAMP E
G	606+19.61	12.25	LT	EX_RAMP E
H	606+56.02	0.25	LT	EX_RAMP E
I	606+77.77	0.10	RT	EX_RAMP E
J	606+97.05	1.20	RT	EX_RAMP E
K	606+97.05	12.42	LT	EX_RAMP E

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN
NB I-55**

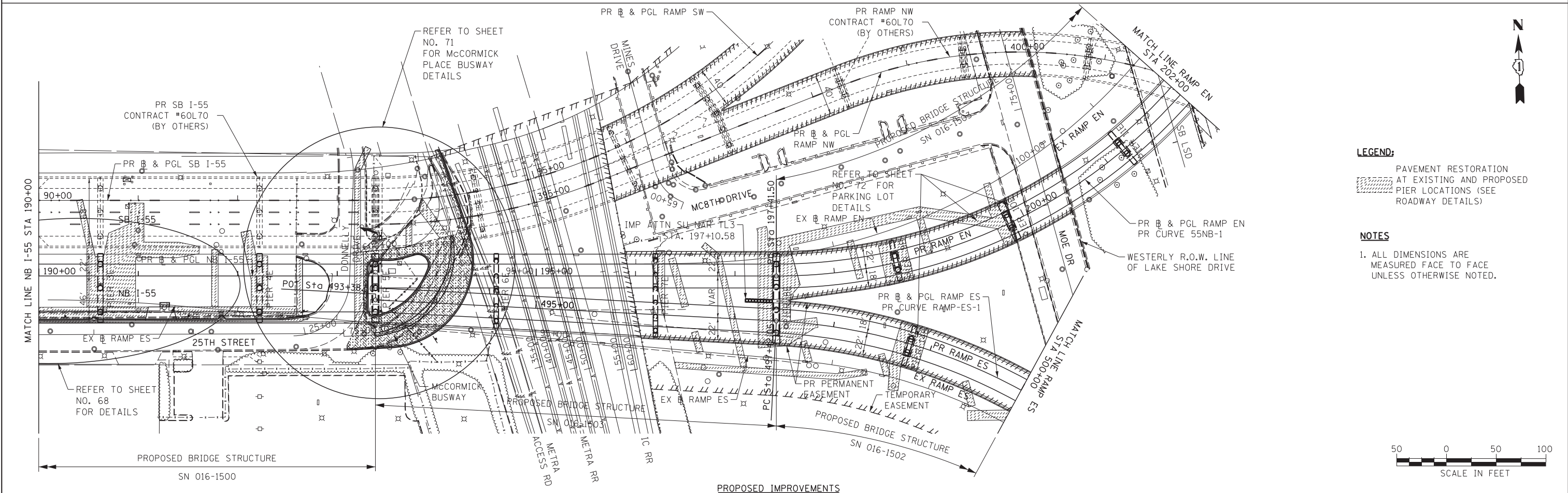
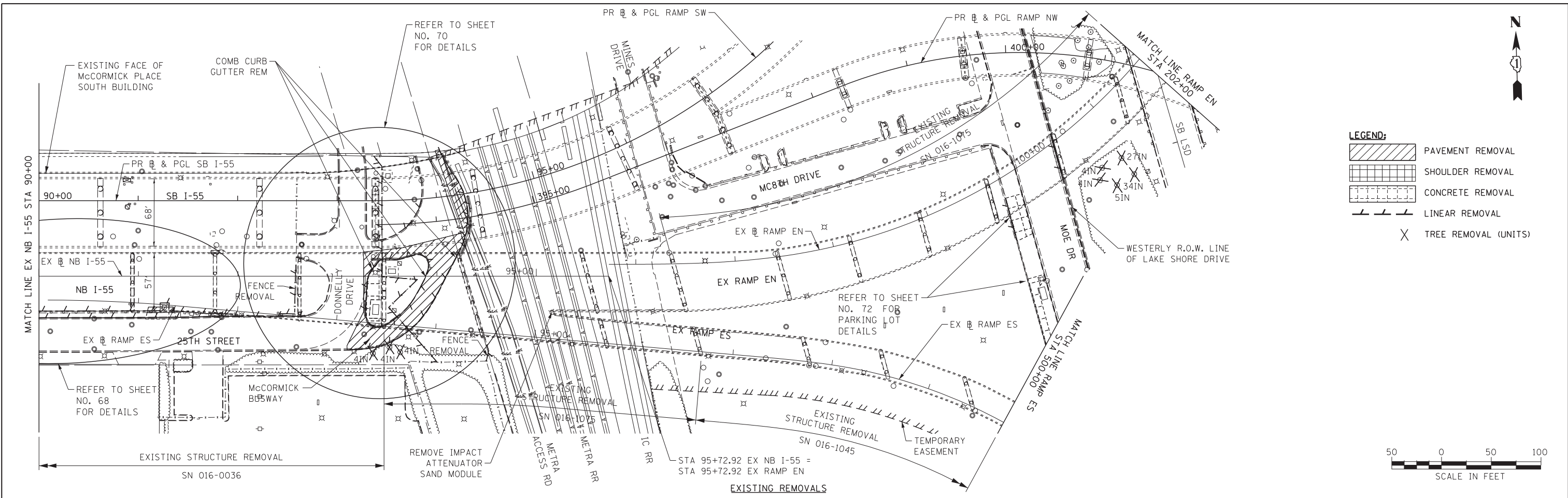


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PLOT SCALE = 50.0069' / in.	DRAWN - CRH	REVISED -
PLOT DATE = 5/24/2015	CHECKED - MJE	REVISED -
	DATE - 5/26/2015	REVISED -

SCALE: 1" = 50'	SHEET NO. 1 OF 5 SHEETS	STA. 180+86.00 TO STA. 190+00.00
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	888	59
CONTRACT NO. 60X07				
ILLINOIS FED. AID PROJECT				

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 PLOT DATE = 5/22/2015

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 DRAWN - CRH
 CHECKED - MJE
 DATE - 5/26/2015



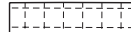


REVISED -
 REVISED -
 REVISED -
 REVISED -

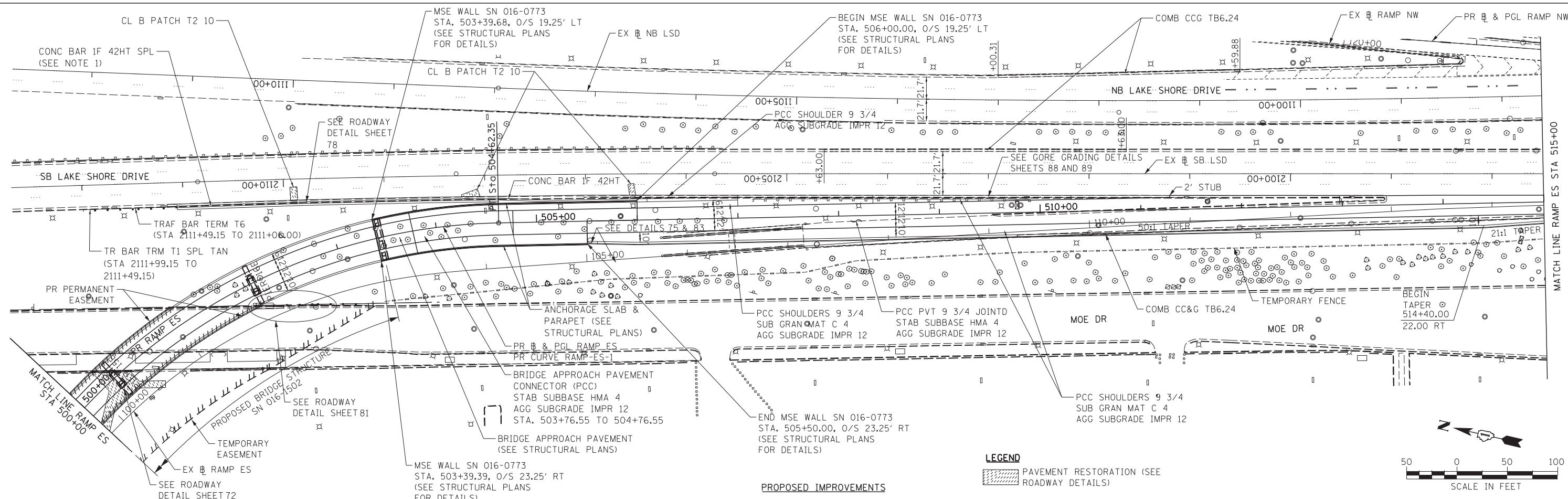
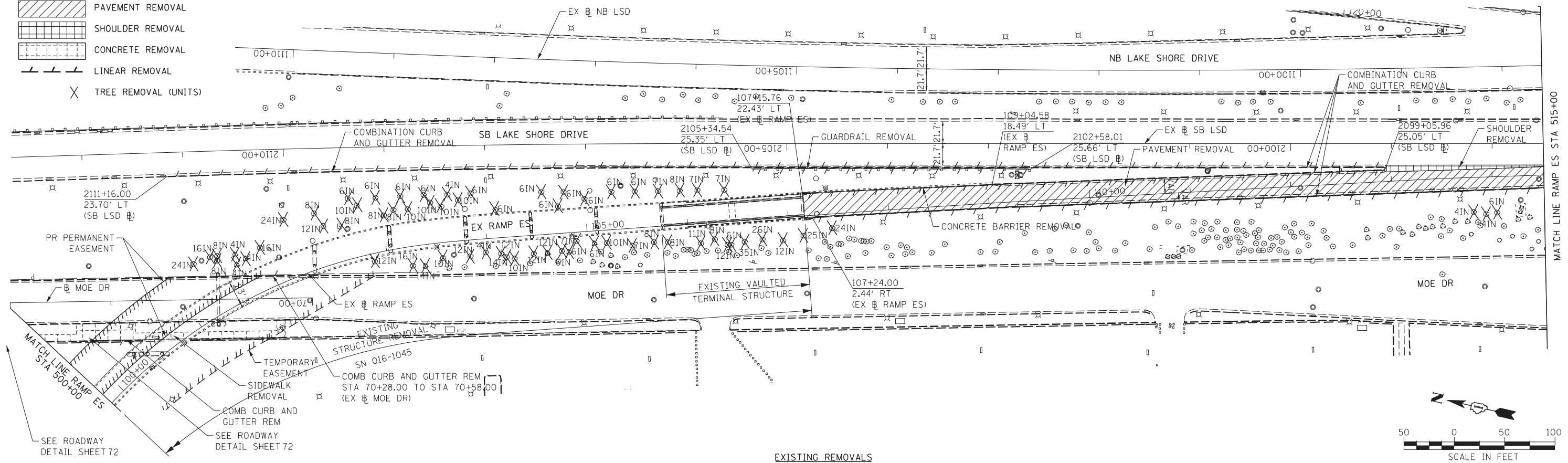
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
 NB I-55

SCALE: 1" = 50' SHEET NO. 2 OF 5 SHEETS STA. 190+00.00 TO STA. 500+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	888	60
CONTRACT NO. 60X07				
ILLINOIS FED. AID PROJECT				

- LEGEND:**
-  PAVEMENT REMOVAL
 -  SHOULDER REMOVAL
 -  CONCRETE REMOVAL
 -  LINEAR REMOVAL
 -  TREE REMOVAL (UNITS)



- LEGEND**
-  PAVEMENT RESTORATION (SEE ROADWAY DETAILS)

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN
RAMP ES**

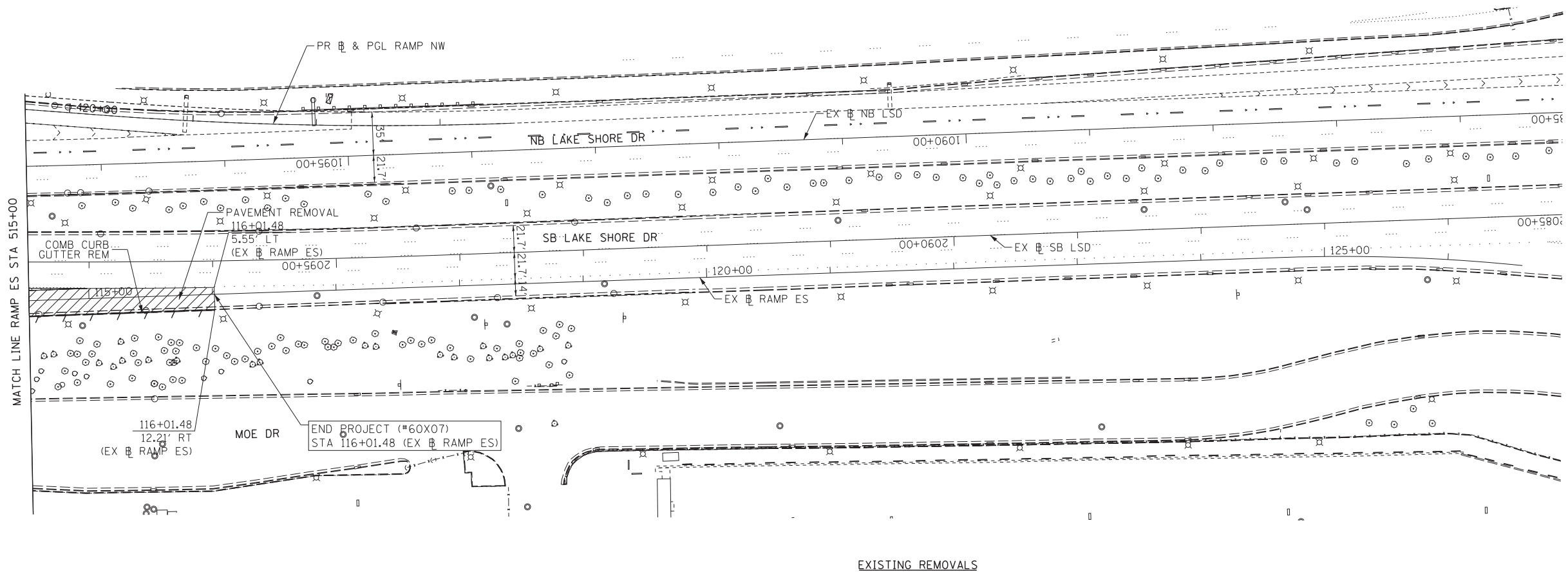
SCALE: 1" = 50' SHEET NO. 3 OF 5 SHEETS STA. 500+00.00 TO STA. 515+00.00

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CONTRACT NO. 60X07				
ILLINOIS FED. AID PROJECT				

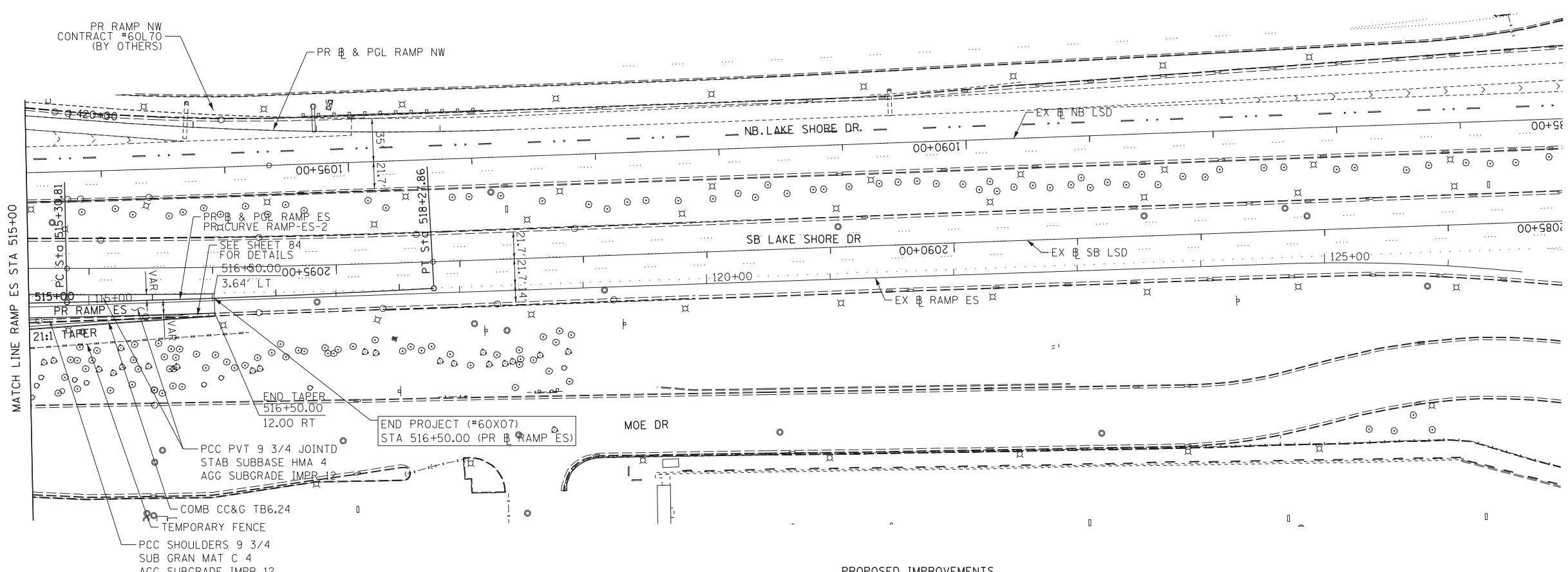
AECOM
303 EAST WACKER DRIVE, SUITE 1400
CHICAGO, IL 60601-5276
PHONE: (312) 373-7700 FAX: (312) 373-6800

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PLOT SCALE = 50.0000' / in.	DRAWN - CRH	REVISED -
PLOT DATE = 5/22/2015	CHECKED - MJE	REVISED -
	DATE - 5/26/2015	REVISED -

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EXISTING REMOVALS



PROPOSED IMPROVEMENTS

FILE NAME = D:\60X07-5h-Plm04.dgn



USER NAME = augeungh
 PLOT SCALE = 50.0000' / in.
 PLOT DATE = 5/22/2015

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 DRAWN - CRH
 CHECKED - MJE
 DATE - 5/26/2015

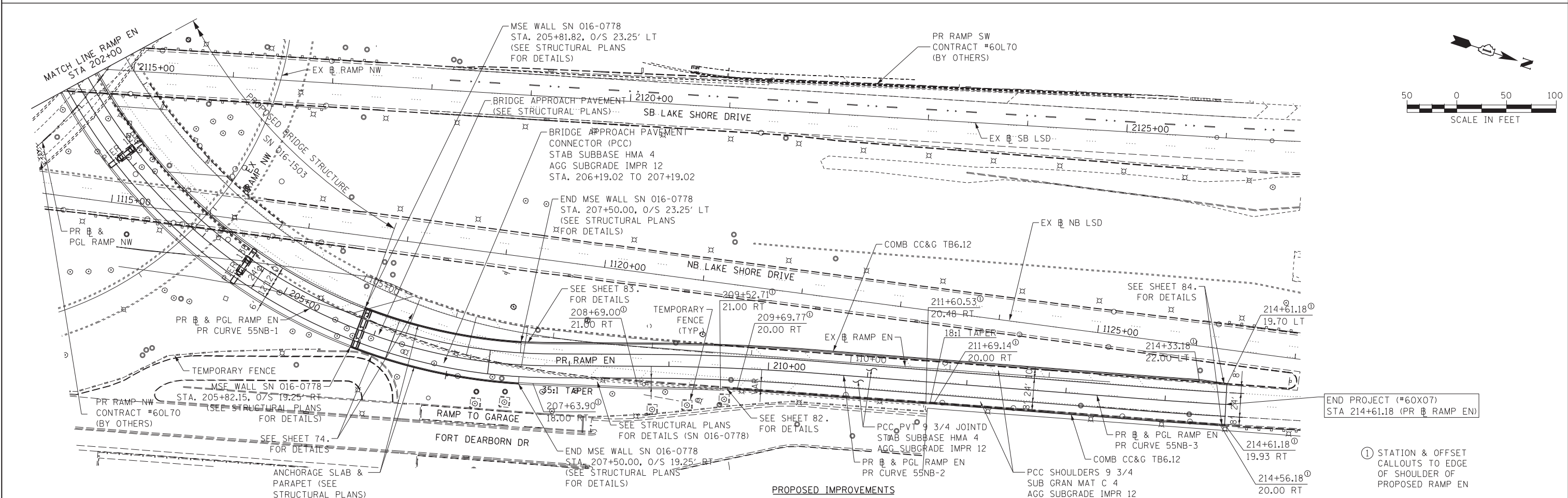
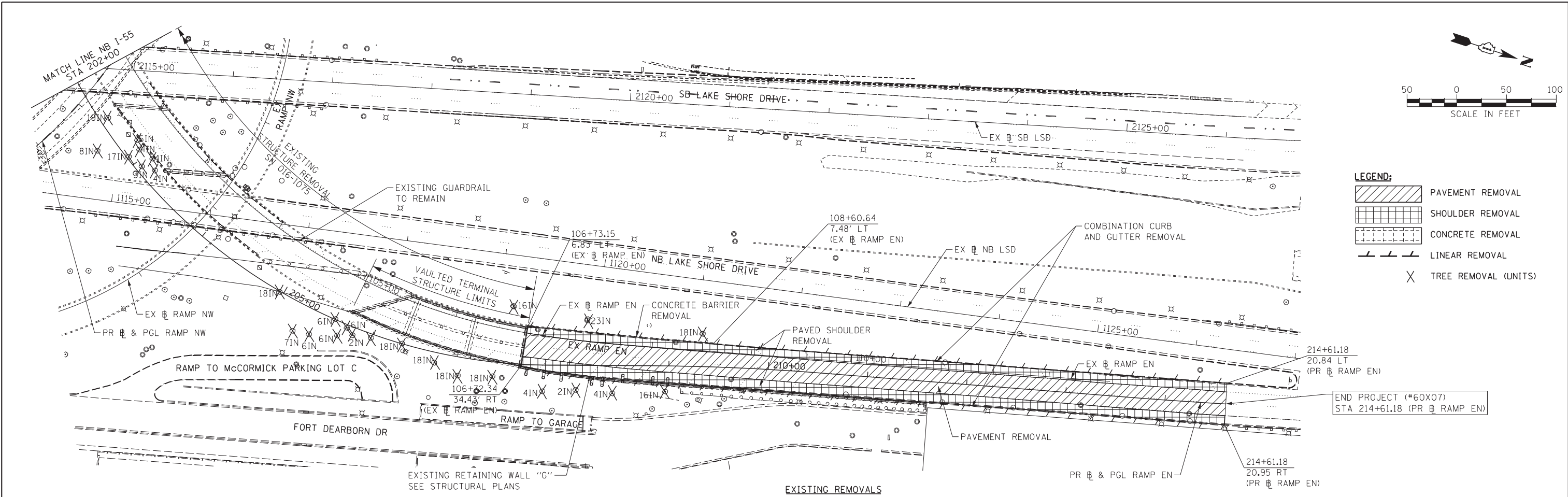
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
 RAMP ES

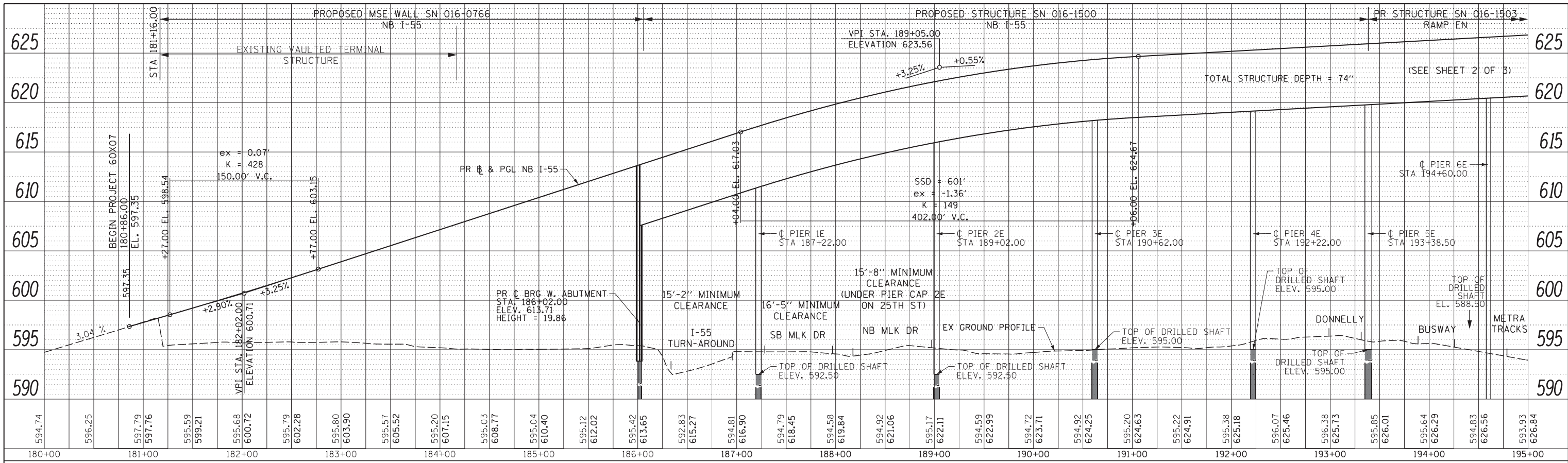
SCALE: 1" = 50' SHEET NO. 4 OF 5 SHEETS STA. 515+00.00 TO STA. 516+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	888	62
CONTRACT NO. 60X07				
ILLINOIS FED. AID PROJECT				



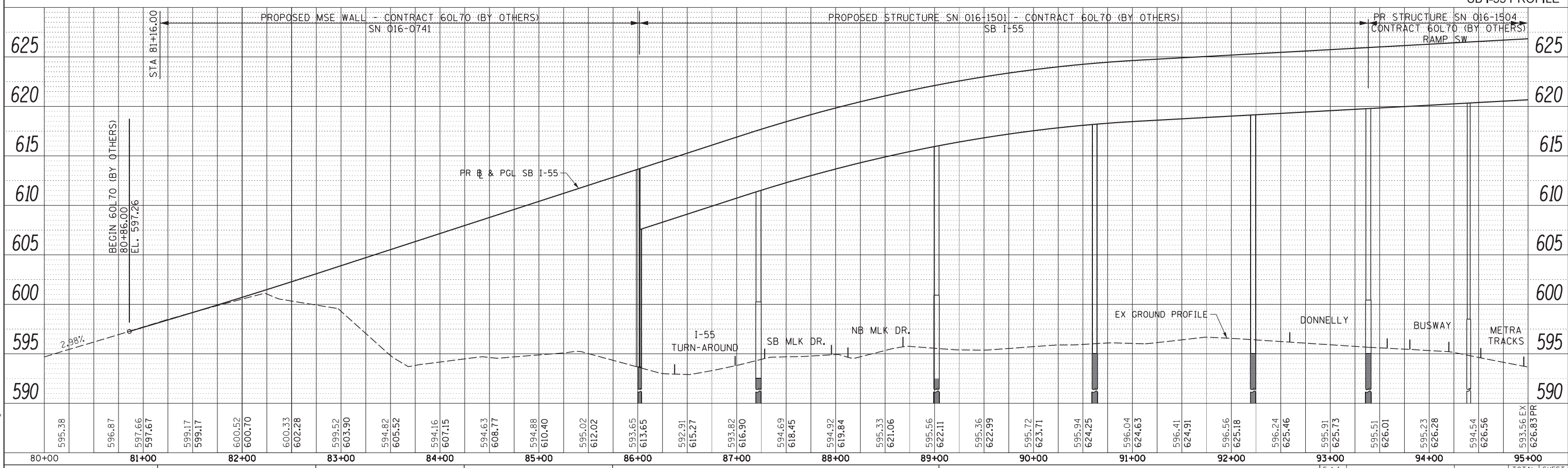
AECOM 303 EAST WACKER DRIVE, SUITE 1400 CHICAGO, IL 60601-5276 PHONE: (312) 373-7700 FAX: (312) 373-6800	USER NAME = augeungh	DESIGNED - CRH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN RAMP EN			F.A.I. RTE. = 55	SECTION = 2013-049B	COUNTY = COOK	TOTAL SHEETS = 888	SHEET NO. = 63
	PLOT SCALE = 50.0000' / in.	CHECKED - MJE	REVISED -		SCALE: 1" = 50'	SHEET NO. 5 OF 5 SHEETS	STA. 202+00.00 TO STA. 214+61.18	CONTRACT NO. 60X07			ILLINOIS FED. AID PROJECT	

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



NOTE:
FOR MINIMUM CLEARANCE LOCATIONS,
SEE GENERAL PLAN & ELEVATION SHEETS S-3 TO S-5 (STRUCTURAL PLANS)

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



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PROFILE
NB I-55 AND SB I-55

SCALE: 1" = 50' SHEET NO. 1 OF 3 SHEETS STA. 180+86.00 TO STA. 195+00.00

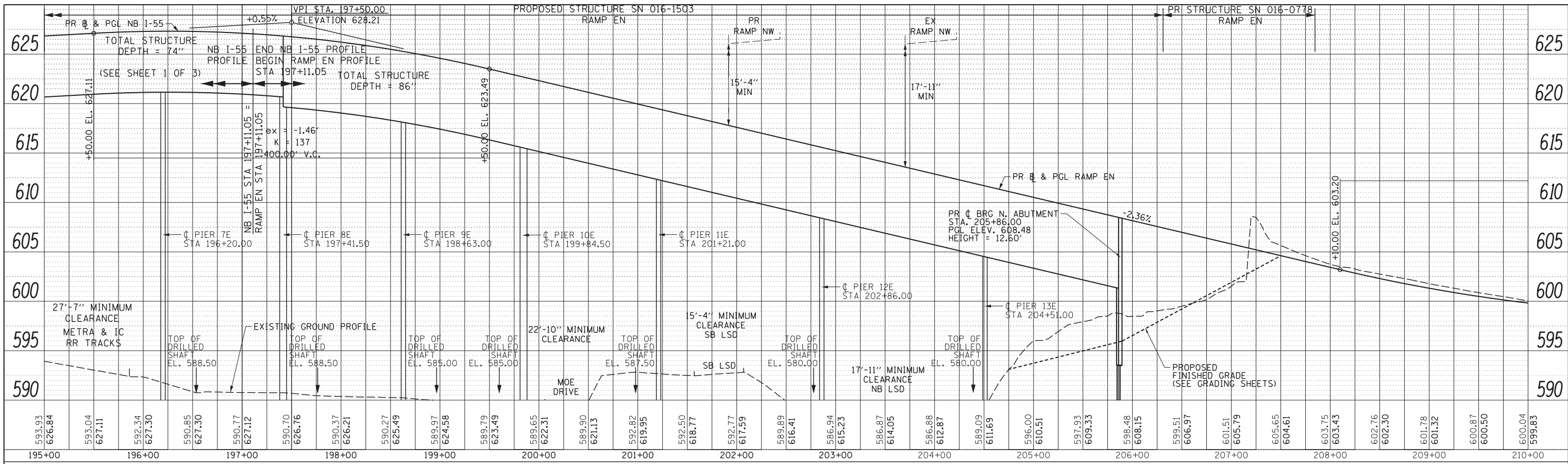
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
	DATE - 5/26/2015	REVISED -

F.A.I. RTE. 55	SECTION 2013-049B	COUNTY COOK	TOTAL SHEETS 88	SHEET NO. 64
CONTRACT NO. 60X07				ILLINOIS FED. AID PROJECT



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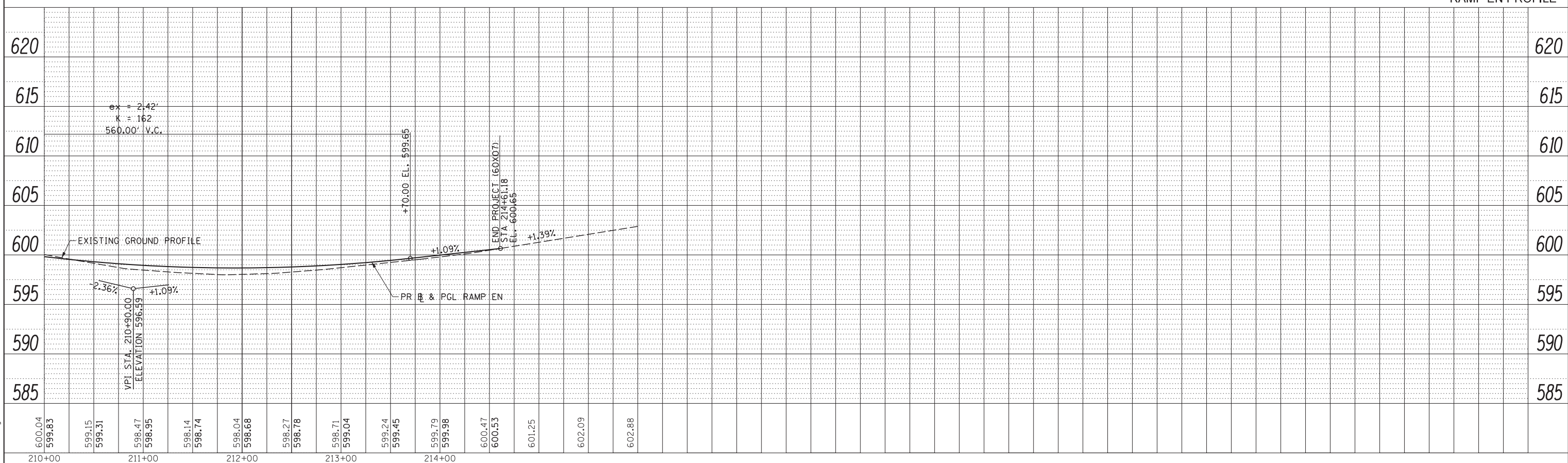
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	FILE NAME	
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NB I-55 & RAMP EN PROFILE

NOTE:
FOR MINIMUM CLEARANCE LOCATIONS,
SEE GENERAL PLAN & ELEVATION SHEETS S-3 TO S-5 (STRUCTURAL PLANS)

PROFILE	SURVEYED	DATE
	GRADES CHECKED	BY
	STRUCTURE NOTATIONS CHECKED	
	NO.	



RAMP EN PROFILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PROFILE
RAMP EN

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	888	65
CONTRACT NO. 60X07				

SCALE: 1" = 50' SHEET NO. 2 OF 3 SHEETS STA. 197+11.05 TO STA. 214+60.73

ILLINOIS FED. AID PROJECT

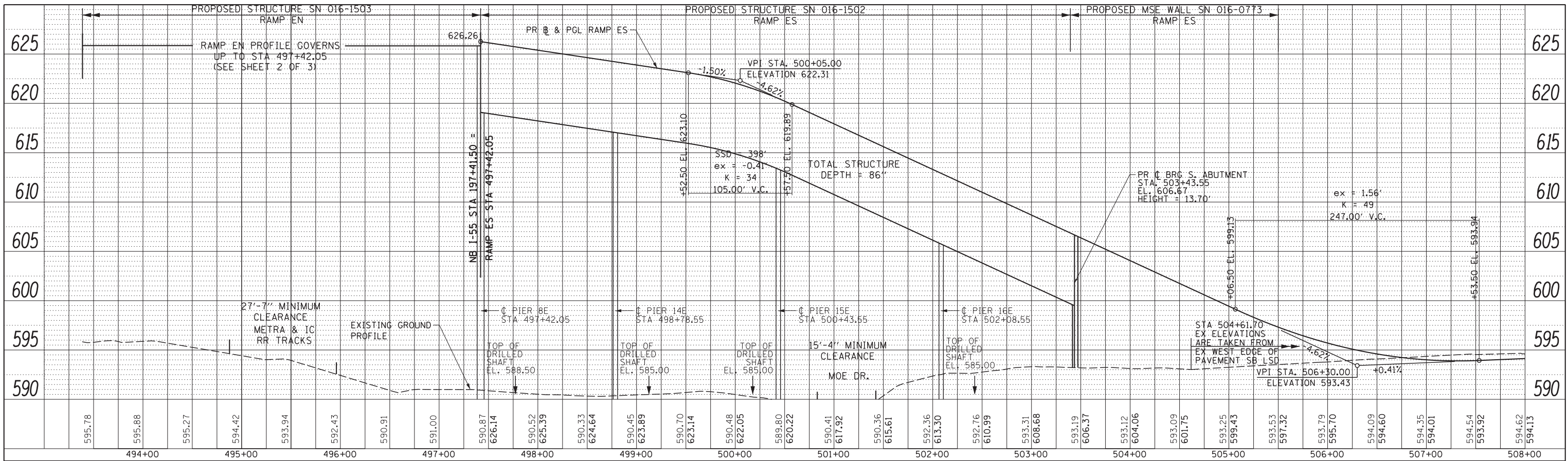
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	DRAWN -	REVISED -
PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/24/2015	DATE - 5/26/2015	REVISED -

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

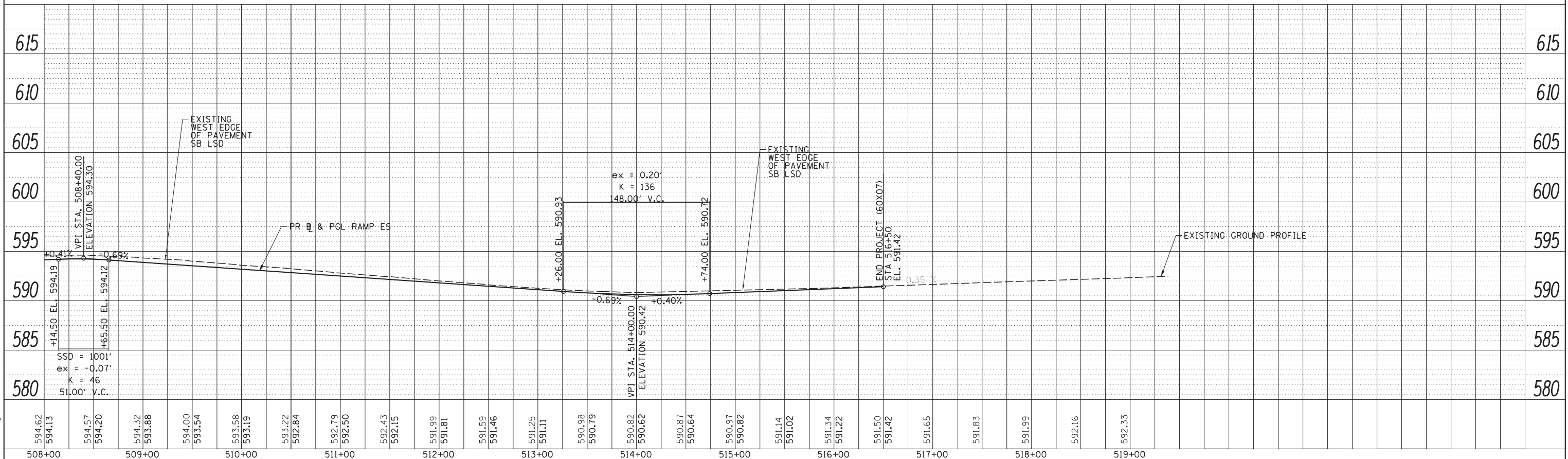
PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CARD FILE NAME	



RAMP ES PROFILE

NOTE:
FOR MINIMUM CLEARANCE LOCATIONS,
SEE GENERAL PLAN & ELEVATION SHEETS S-3 TO S-5 (STRUCTURAL PLANS)

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



RAMP ES PROFILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PROFILE
RAMP ES

SCALE: 1" = 50' SHEET NO. 3 OF 3 SHEETS STA. 479+42.05 TO STA. 516+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 60X07				
ILLINOIS FED. AID PROJECT				

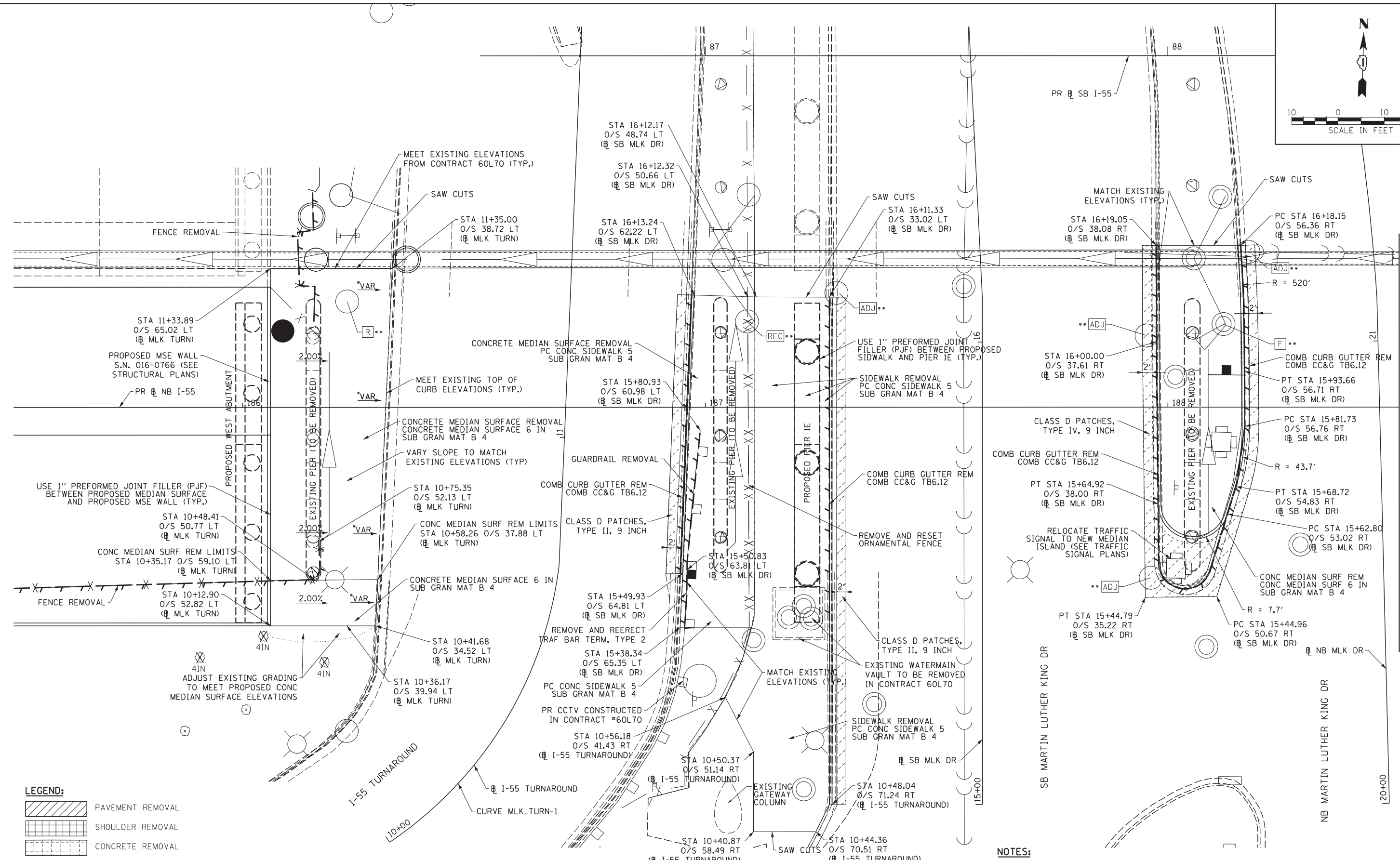
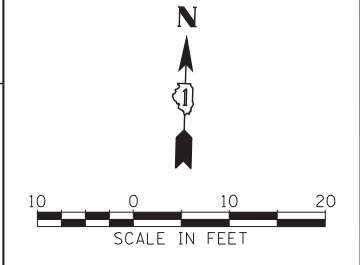


USER NAME = auyeungh	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
	DATE - 5/26/2015	REVISED -

PLOT SCALE = 50.0000' / in.
PLOT DATE = 5/24/2015

FILE NAME = D:\60X07-Sht-Prof-ES-01.dgn

303 EAST WACKER DRIVE, SUITE 1400
CHICAGO, IL 60601-5278
PHONE: (312) 373-7700 FAX: (312) 373-6800



LEGEND:

	PAVEMENT REMOVAL
	SHOULDER REMOVAL
	CONCRETE REMOVAL
	LINEAR REMOVAL
	TREE REMOVAL (UNITS)
	CLASS D PATCHES, TYPE AND SIZE AS SPECIFIED

ROADWAY DETAIL - I-55 TURNAROUND & MARTIN LUTHER KING JR DRIVE UNDER NB I-55

- * SLOPE VARIES TO MATCH EXISTING TOP OF CURB AND MEDIAN SURFACE.
- ** SEE DRAINAGE SHEETS FOR EXISTING AND PROPOSED DRAINAGE STRUCTURE DETAILS.

- NOTES:**
- COST OF SAW CUTS TO BE INCLUDED WITH ITEM REMOVED OR CLASS C OR CLASS D PATCHES.
 - 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.
 - ALL STATION & OFFSETS PERTAINING TO CURB & GUTTER ARE MEASURED TO THE FACE OF CURB.
 - REMOVAL AND PROPOSED IMPROVEMENT LIMITS TO BE COORDINATED WITH CONTRACT 60L70.

FILE NAME = D:\07-Sht-RoadDetail\01.sht.dgn



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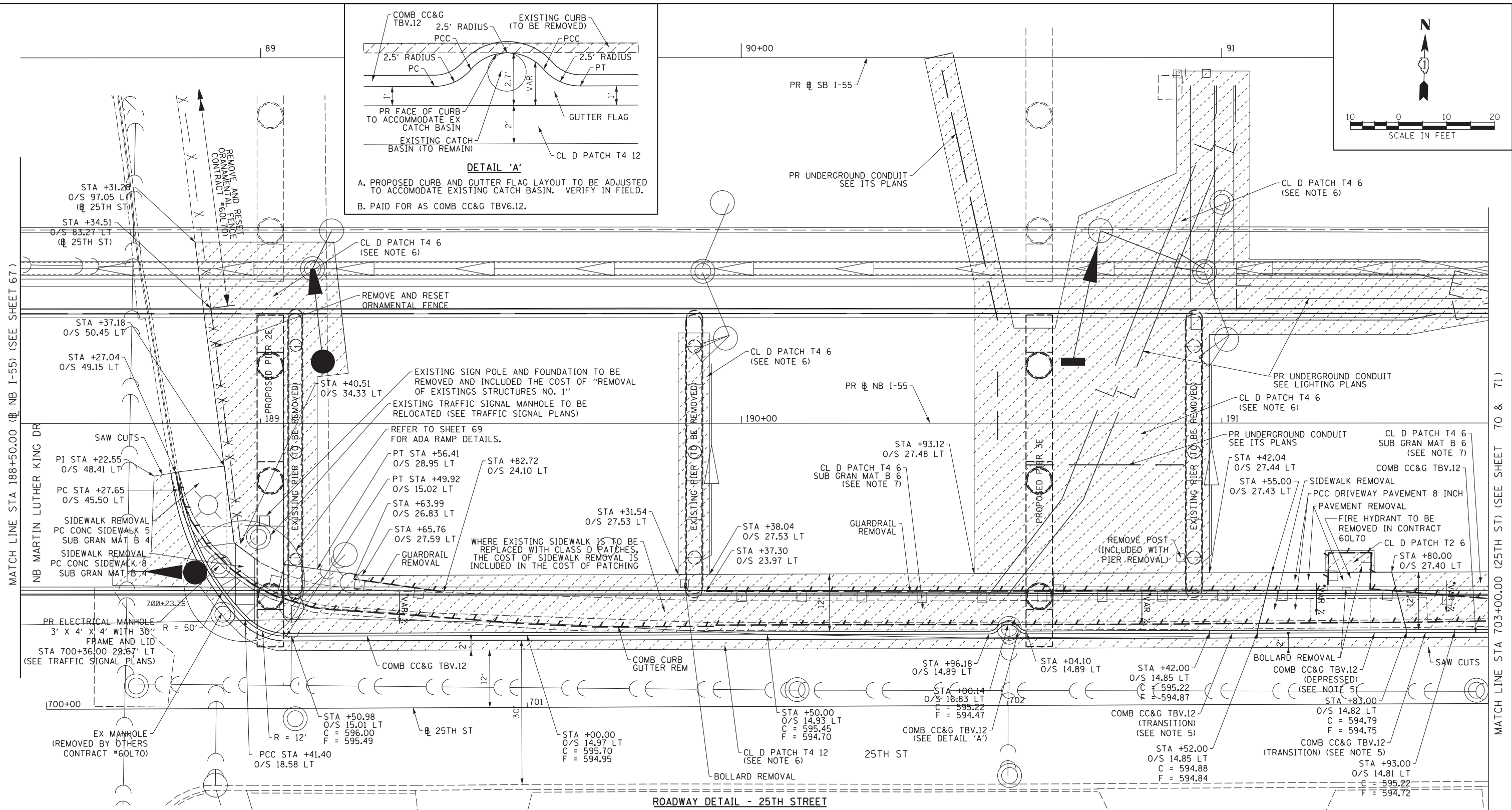
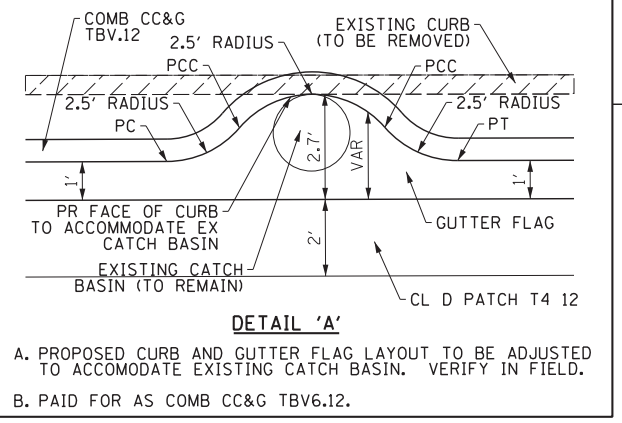
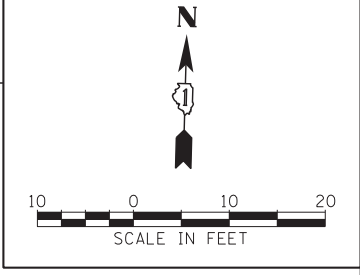
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY DETAILS
MARTIN LUTHER KING JR DR**

SCALE: 1" = 10' SHEET NO. 1 OF 19 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	888	67
CONTRACT NO. 60X07				
ILLINOIS FED. AID PROJECT				

MATCH LINE STA 188+50.00 (NB I-55) (SEE SHEET 68)



ROADWAY DETAIL - 25TH STREET

- LEGEND:**
- PAVEMENT REMOVAL
 - SHOULDER REMOVAL
 - CONCRETE REMOVAL
 - LINEAR REMOVAL
 - TREE REMOVAL (UNITS)
 - CLASS D PATCHES, TYPE AND SIZE AS SPECIFIED

* SLOPES OF PARKING LOT 12' WIDE PAVEMENT PATCHES AND PCC DRIVEWAY PAVEMENT VARY. PROPOSED ELEVATIONS SHALL MATCH EXISTING PARKING LOT PAVEMENT ELEVATIONS AND PROPOSED TOP OF CURB ELEVATIONS.

NOTES:

1. COST OF SAW CUTS TO BE INCLUDED WITH ITEM REMOVED OR CLASS C OR CLASS D PATCHES.
2. 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.
3. ALL STATION & OFFSETS PERTAINING TO CURB & GUTTER ARE MEASURED TO THE FACE OF CURB.
4. STATIONING FOR 25TH STREET IMPROVEMENTS BASED ON 25TH ST.
5. SEE SHEET 69 AND 85 FOR COMB CC&G TBV.12 DETAILS. COMB CC&G TBV.12 (TRANSITION) & COMB CC&G TBV.12 (DEPRESSED) PAID FOR AS COMB CC&G TBV.12.
6. LIMITS OF PAVEMENT PATCHES ARE DEFINED BY THE EXCAVATION AREA REQUIRED TO ACCOMMODATE EXISTING PIER REMOVALS, PROPOSED PIER CONSTRUCTION, AND UTILITY WORK. SEE SHEET 73.
7. SUB GRAN MAT B 6 IS PROVIDED FOR USE IN AREAS UNDER PAVEMENT PATCHES WHERE EXISTING AGGREGATE SUBBASE IS MISSING OR IS REMOVED FOR PIER OR UTILITY EXCAVATION.
8. AN AGGREGATE APPROVED BY THE FIELD ENGINEER SHALL BE PLACED BENEATH PATCHING IN PARKING LOT. COST TO BE INCLUDED IN PAVEMENT PATCHING OF THE SIZE AND TYPE SPECIFIED.
9. SEE DRAINAGE SHEETS FOR EXISTING AND PROPOSED DRAINAGE STRUCTURE DETAILS.

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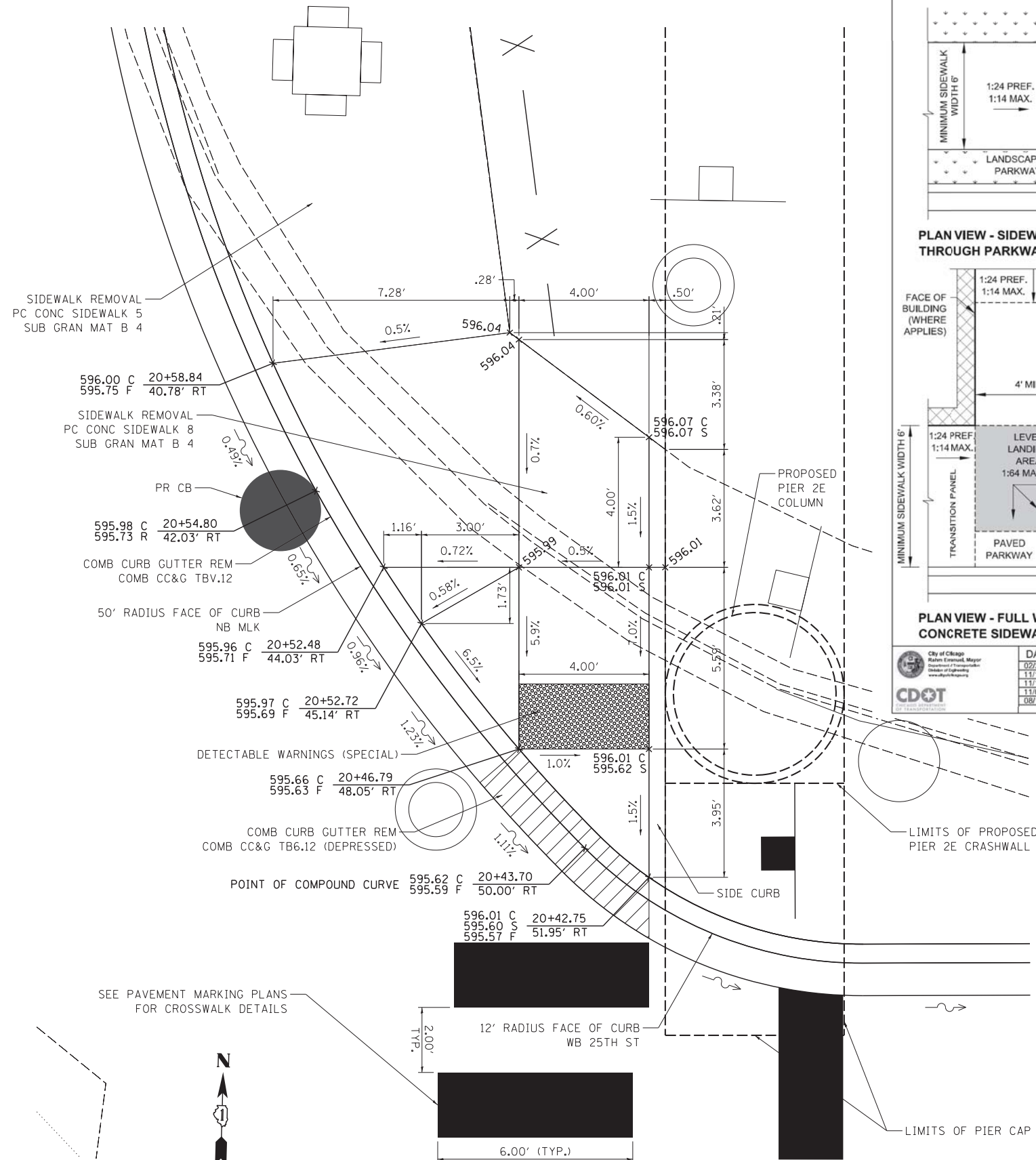
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	DATE - 5/26/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

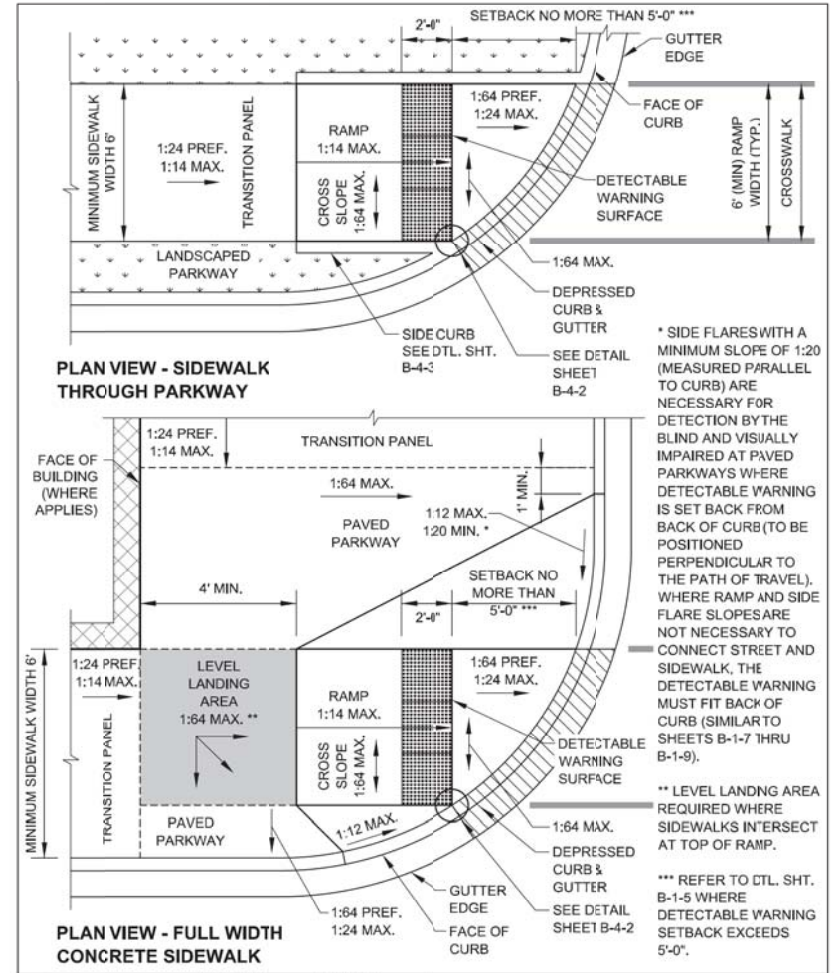
**ROADWAY DETAILS
25TH STREET**

SCALE: 1" = 10' SHEET NO. 2 OF 19 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	888	68
CONTRACT NO. 60X07				
ILLINOIS FED. AID PROJECT				

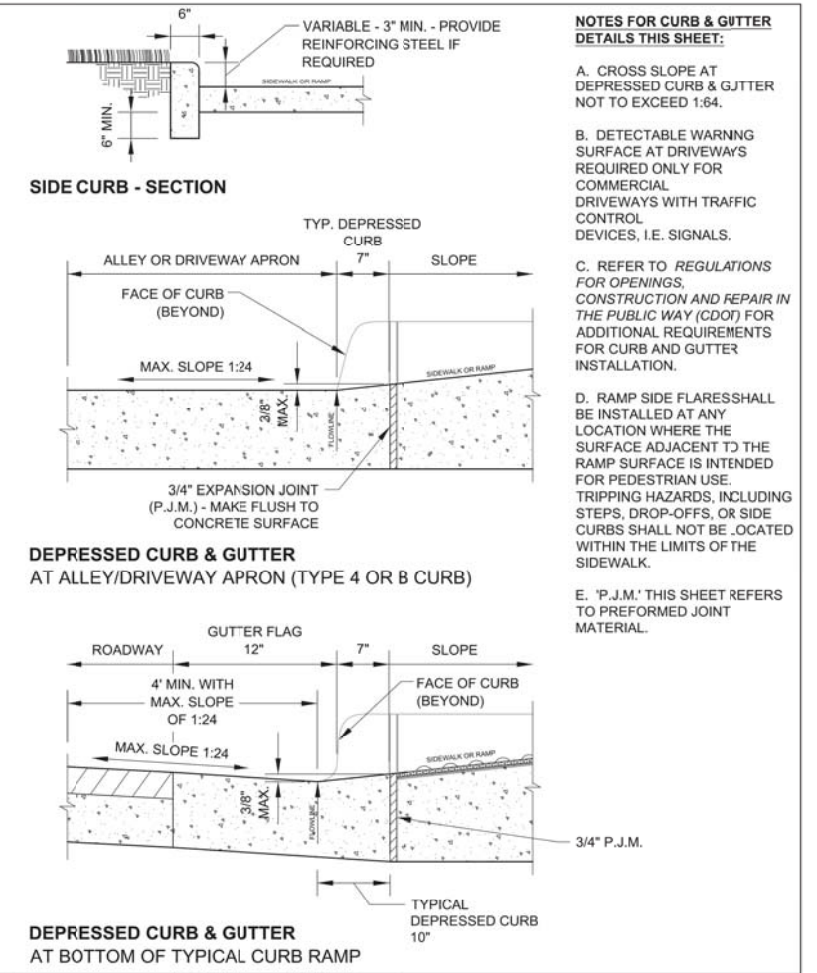


ADA RAMP DETAIL
NORTHBOUND MARTIN LUTHER KING DR.
 • ALL STATIONING BASED ON NB M.L.K.



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-1-4



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
 CURB & GUTTER DETAILS
SHEET B-4-3

- LEGEND:**
 C - CURB
 F - FLOWLINE
 R - RIM
 S - SIDEWALK
- NOTES:**
- CURB RAMPS, LANDING (KEystone) AND SIDE CURB TO BE CONSTRUCTED AS PC CONC SIDEWALK 8. ALL OTHER SIDEWALK LOCATIONS SHALL USE PC CONC SIDEWALK 5.
 - SIDE CURB INCLUDED IN THE COST OF PC CONC SIDEWALK 8.
 - ADA RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION ADA STANDARDS.
 - SEE DRAINAGE SHEETS FOR EXISTING AND PROPOSED DRAINAGE STRUCTURE DETAILS.

FILE NAME = D:\60X07-Sht-C-RoadDetail\1603.dgn



USER NAME = augeungh
 DESIGNED - BMC
 DRAWN - BMC
 PLOT SCALE = 2.0000' / in.
 CHECKED - MJE
 DATE - 5/26/2015
 REVISION -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS
 ADA RAMP

SCALE: 1" = 2'
 SHEET NO. 3 OF 19 SHEETS
 STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	888	69

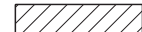


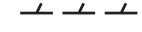

CONTRACT NO. 60X07

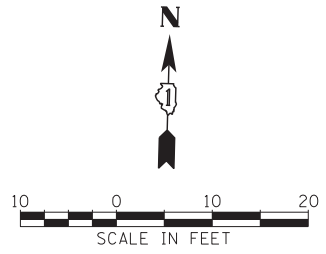
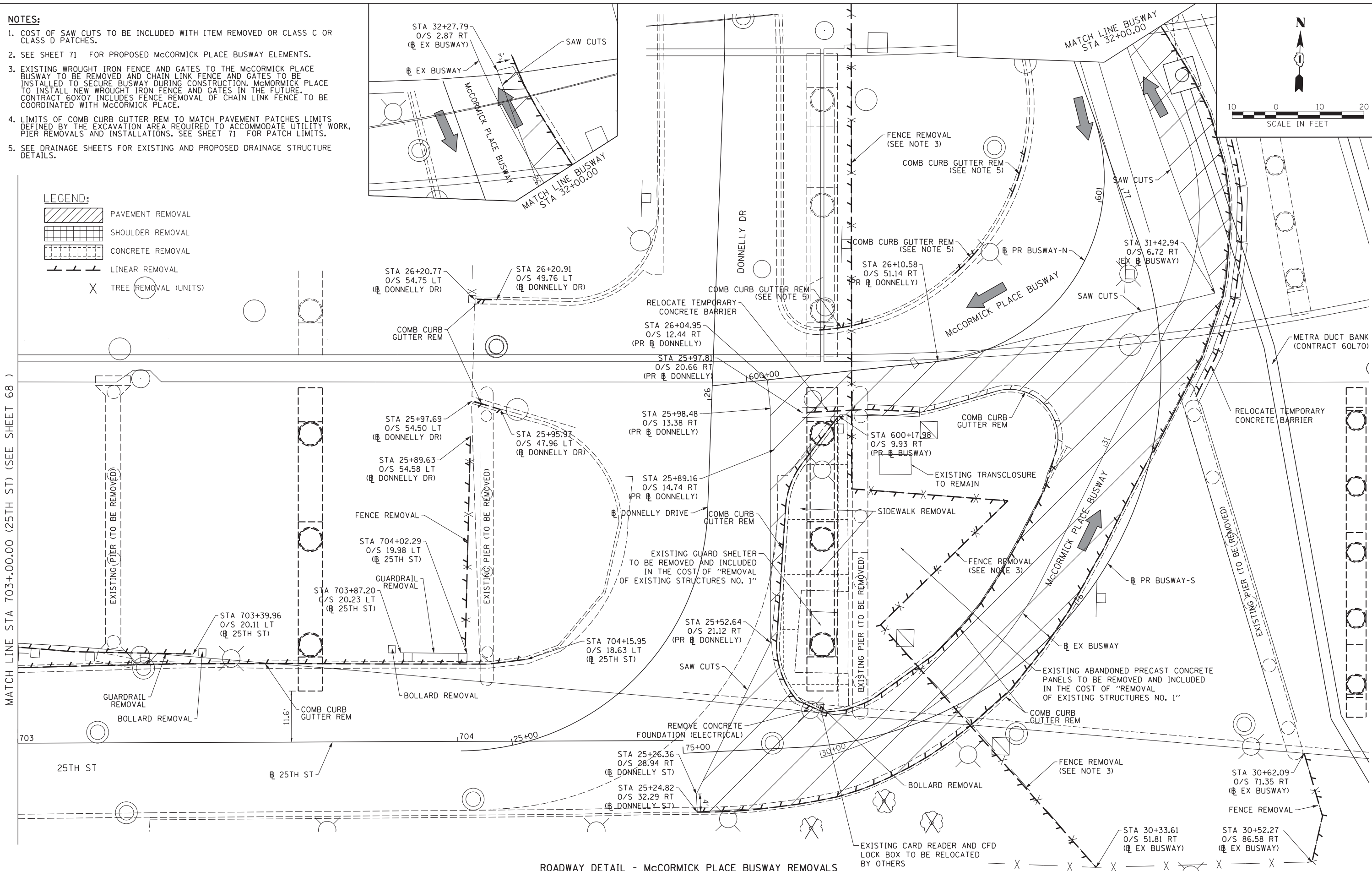
ILLINOIS FED. AID PROJECT

NOTES:

1. COST OF SAW CUTS TO BE INCLUDED WITH ITEM REMOVED OR CLASS C OR CLASS D PATCHES.
2. SEE SHEET 71 FOR PROPOSED McCORMICK PLACE BUSWAY ELEMENTS.
3. EXISTING WROUGHT IRON FENCE AND GATES TO THE McCORMICK PLACE BUSWAY TO BE REMOVED AND CHAIN LINK FENCE AND GATES TO BE INSTALLED TO SECURE BUSWAY DURING CONSTRUCTION. McCORMICK PLACE TO INSTALL NEW WROUGHT IRON FENCE AND GATES IN THE FUTURE. CONTRACT 60X07 INCLUDES FENCE REMOVAL OF CHAIN LINK FENCE TO BE COORDINATED WITH McCORMICK PLACE.
4. LIMITS OF COMB CURB GUTTER REM TO MATCH PAVEMENT PATCHES LIMITS DEFINED BY THE EXCAVATION AREA REQUIRED TO ACCOMMODATE UTILITY WORK, PIER REMOVALS AND INSTALLATIONS. SEE SHEET 71 FOR PATCH LIMITS.
5. SEE DRAINAGE SHEETS FOR EXISTING AND PROPOSED DRAINAGE STRUCTURE DETAILS.

LEGEND:

-  PAVEMENT REMOVAL
-  SHOULDER REMOVAL
-  CONCRETE REMOVAL
-  LINEAR REMOVAL
-  TREE REMOVAL (UNITS)



ROADWAY DETAIL - McCORMICK PLACE BUSWAY REMOVALS

MATCH LINE STA 703+00.00 (25TH ST) (SEE SHEET 68)

MATCH LINE STA 32+00.00

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	DATE - 5/26/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

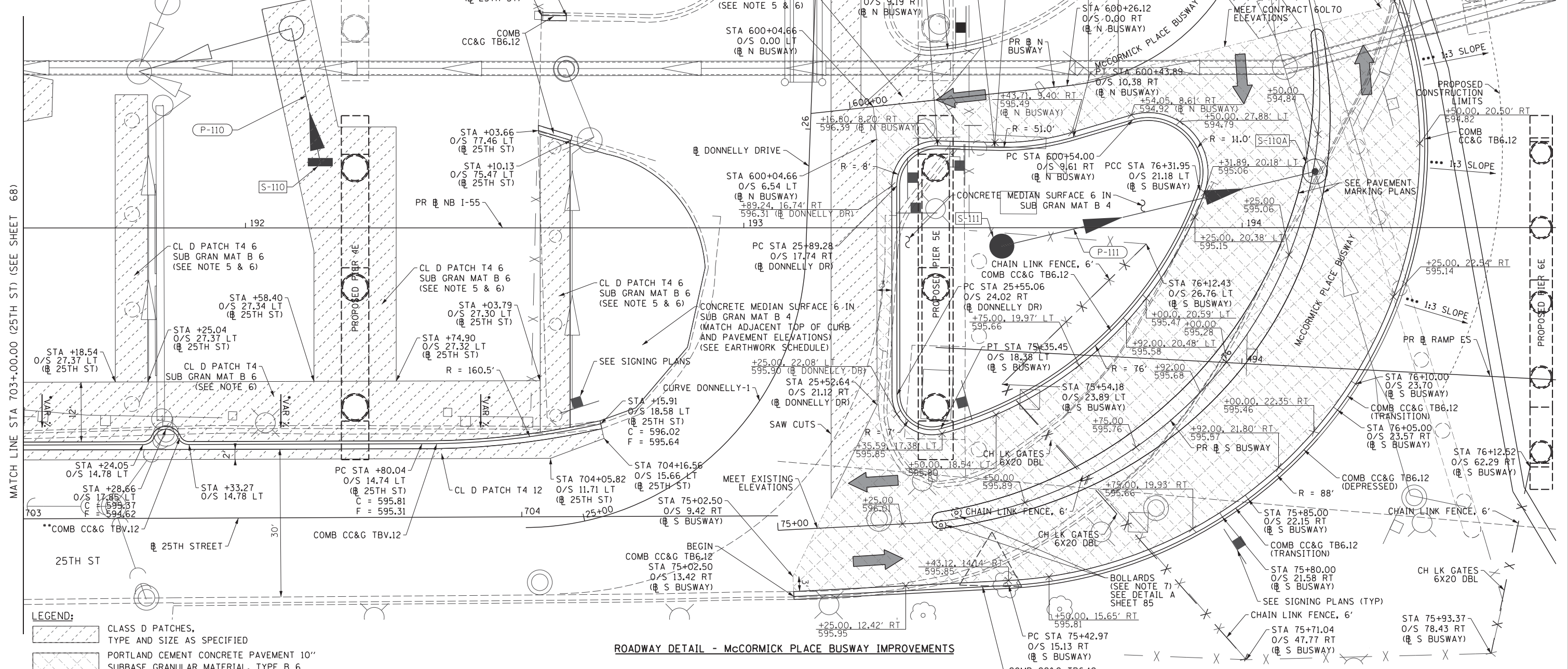
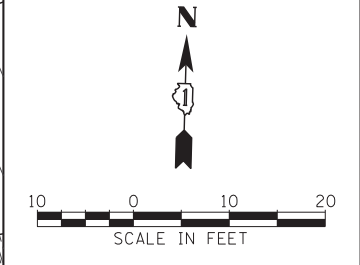
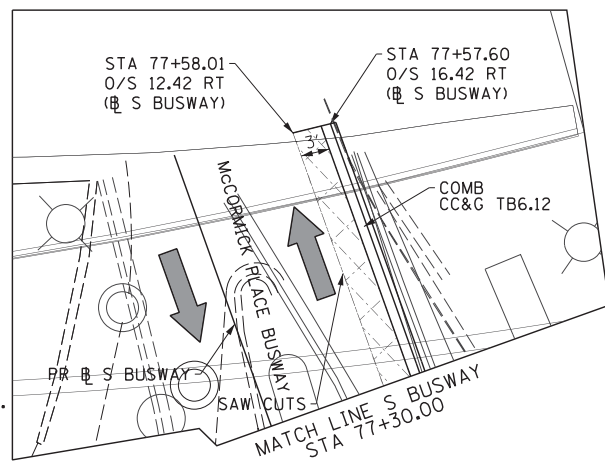
**ROADWAY DETAILS
McCORMICK PLACE BUSWAY EXISTING REMOVALS**

F.A.I. RTE. = 55	SECTION = 2013-049B	COUNTY = COOK	TOTAL SHEETS = 888	SHEET NO. = 70
CONTRACT NO. 60X07				
ILLINOIS FED. AID PROJECT				

SCALE: 1" = 10' SHEET NO. 4 OF 19 SHEETS STA. TO STA.

NOTES:

- COST OF SAW CUTS TO BE INCLUDED WITH ITEM REMOVED OR CLASS C OR CLASS D PATCHES.
- 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.
- ALL STATION & OFFSETS PERTAINING TO CURB & GUTTER EXCEPT FOR BUSWAY GRADING CALL-OUTS ARE MEASURED TO THE FACE OF CURB.
- SEE SHEET 85 FOR COMB CC&G TBV.12 DETAILS.
- LIMITS OF PAVEMENT PATCHES ARE DEFINED BY THE EXCAVATION AREA REQUIRED TO ACCOMMODATE EXISTING PIER REMOVALS, PROPOSED PIER CONSTRUCTION, AND UTILITY WORK. SEE SHEET 73.
- SUB GRAN MAT B 6 IS PROVIDED FOR USE IN AREAS UNDER PAVEMENT PATCHES WHERE EXISTING AGGREGATE SUBBASE IS MISSING OR IS REMOVED FOR PIER OR UTILITY EXCAVATION.
- BOLLARDS INSTALLED TO PROTECT CONCRETE FOUNDATION (SEE LIGHTING PLANS) FOR FUTURE CARD READER INSTALLATION BY OTHERS. LOCATION OF BOLLARDS AND FOUNDATION TO BE COORDINATED WITH MCCORMICK PLACE.
- SEE DRAINAGE SHEETS FOR EXISTING AND PROPOSED DRAINAGE STRUCTURE DETAILS.
- SLOPES OF PARKING LOT 12' WIDE PAVEMENT PATCHES AND PCC DRIVEWAY PAVEMENT VARY. PROPOSED ELEVATIONS SHALL MATCH EXISTING PARKING LOT PAVEMENT ELEVATIONS AND PROPOSED TOP OF CURB ELEVATIONS.
- TRANSITION CURB AROUND EXISTING CATCH BASIN USING 2.5' RADII ALONG FACE OF CURB AND VARYING GUTTER FLAG WIDTH. VERIFY LOCATION IN FIELD. PAID FOR AS COMB CC&G TBV.12.
- PROPOSED GRADING OF 1:3 SLOPE SHALL BE PROVIDED FROM TOP OF PROPOSED CURB TO EXISTING GROUND FROM STATION 76+30 TO 76+80 PR @ S BUSWAY. SEE EARTHWORK SCHEDULE FOR CUT AND FILL QUANTITIES.



LEGEND:

	CLASS D PATCHES, TYPE AND SIZE AS SPECIFIED
	PORTLAND CEMENT CONCRETE PAVEMENT 10" SUBBASE GRANULAR MATERIAL, TYPE B 6

ROADWAY DETAIL - MCCORMICK PLACE BUSWAY IMPROVEMENTS

FILE NAME = D:\60X07-Sht-RoadDetail\60X07.dgn



USER NAME = augeyugh	DESIGNED - CRH	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - DMS	REVISED -
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	DATE = 5/26/2015	REVISED -

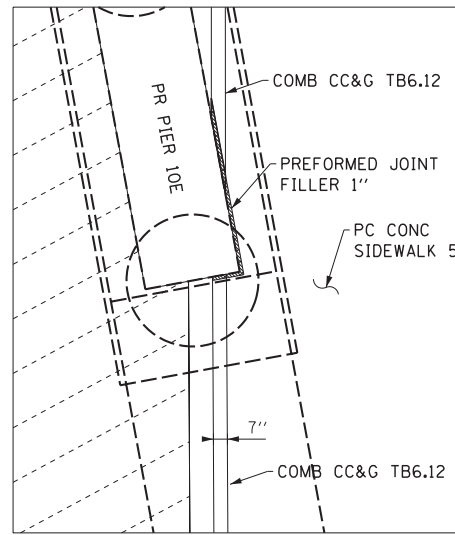
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY DETAILS
MCCORMICK PLACE BUSWAY PROPOSED IMPROVEMENTS**

SCALE: 1" = 10' SHEET NO. 5 OF 19 SHEETS STA. TO STA.

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	888	71

ILLINOIS FED. AID PROJECT CONTRACT NO. 60X07



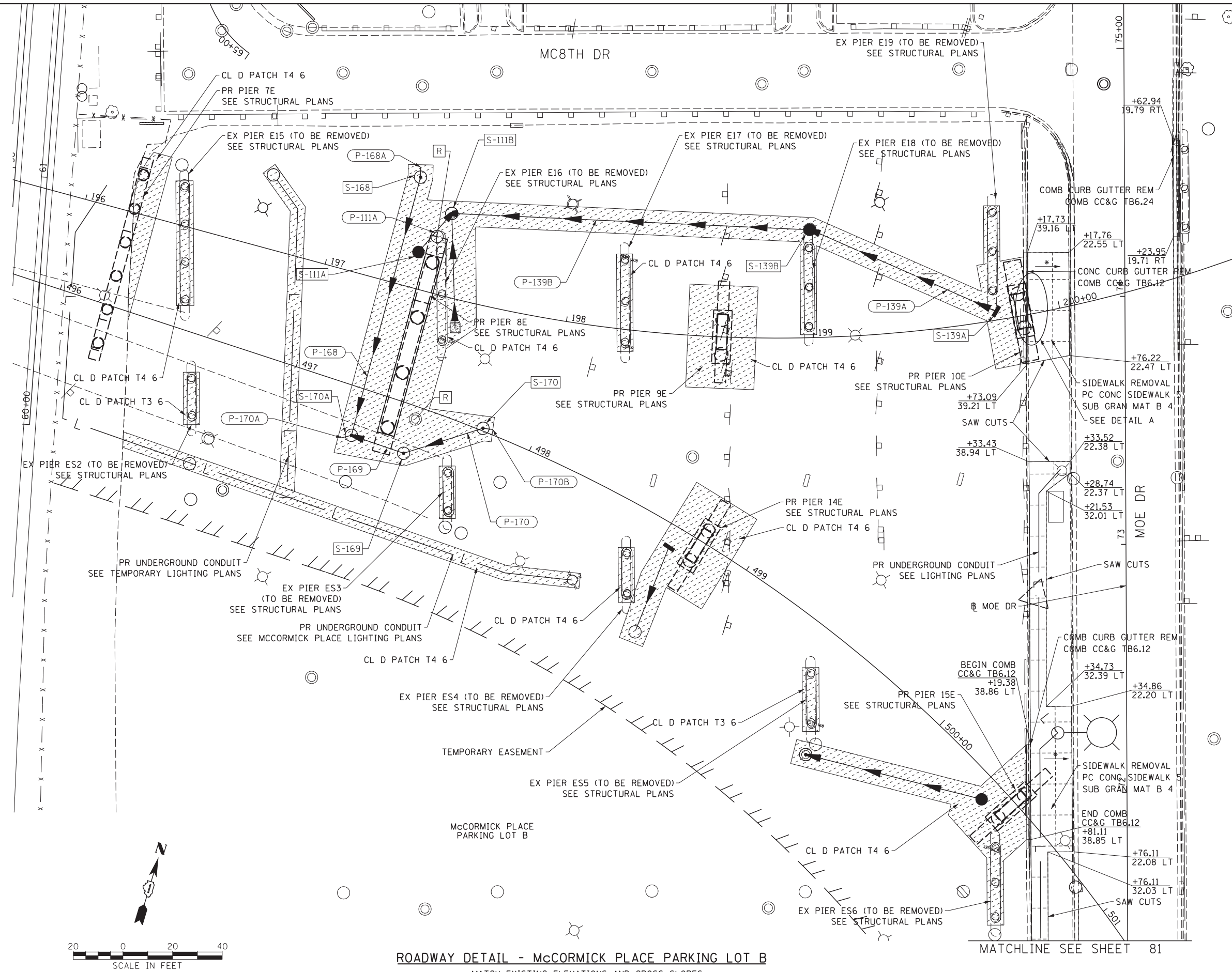
**DETAIL A - McCORMICK PLACE
PARKING LOT B AT PIER 10E**

LEGEND:

CLASS D PATCHES,
TYPE AND SIZE AS SPECIFIED

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 SIDEWALK 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. AN AGGREGATE APPROVED BY THE FIELD ENGINEER SHALL BE PLACED BENEATH PATCHING IN PARKING LOT. COST TO BE INCLUDED IN PAVEMENT PATCHING OF THE SIZE AND TYPE SPECIFIED.
6. COST OF SAW CUTS TO BE INCLUDED IN ITEM REMOVED OR CLASS C OR D PATCHES.
7. LIMITS OF PAVEMENT PATCHES ARE DEFINED BY THE EXCAVATION AREA REQUIRED TO ACCOMMODATE EXISTING PIER REMOVALS, PROPOSED PIER CONSTRUCTION, AND UTILITY WORK. SEE SHEET 73.
8. SEE DRAINAGE SHEETS FOR EXISTING AND PROPOSED DRAINAGE STRUCTURE DETAILS.



ROADWAY DETAIL - McCORMICK PLACE PARKING LOT B

• MATCH EXISTING ELEVATIONS AND CROSS SLOPES

FILE NAME = D:\60X07-Sht-C-RoadDetail\1806.dgn



USER NAME = augeungh
 DESIGNED - CRH
 DRAWN - NSA
 CHECKED - MJE
 DATE - 5/26/2015
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 5/22/2015

DESIGNED - CRH
 DRAWN - NSA
 CHECKED - MJE
 DATE - 5/26/2015

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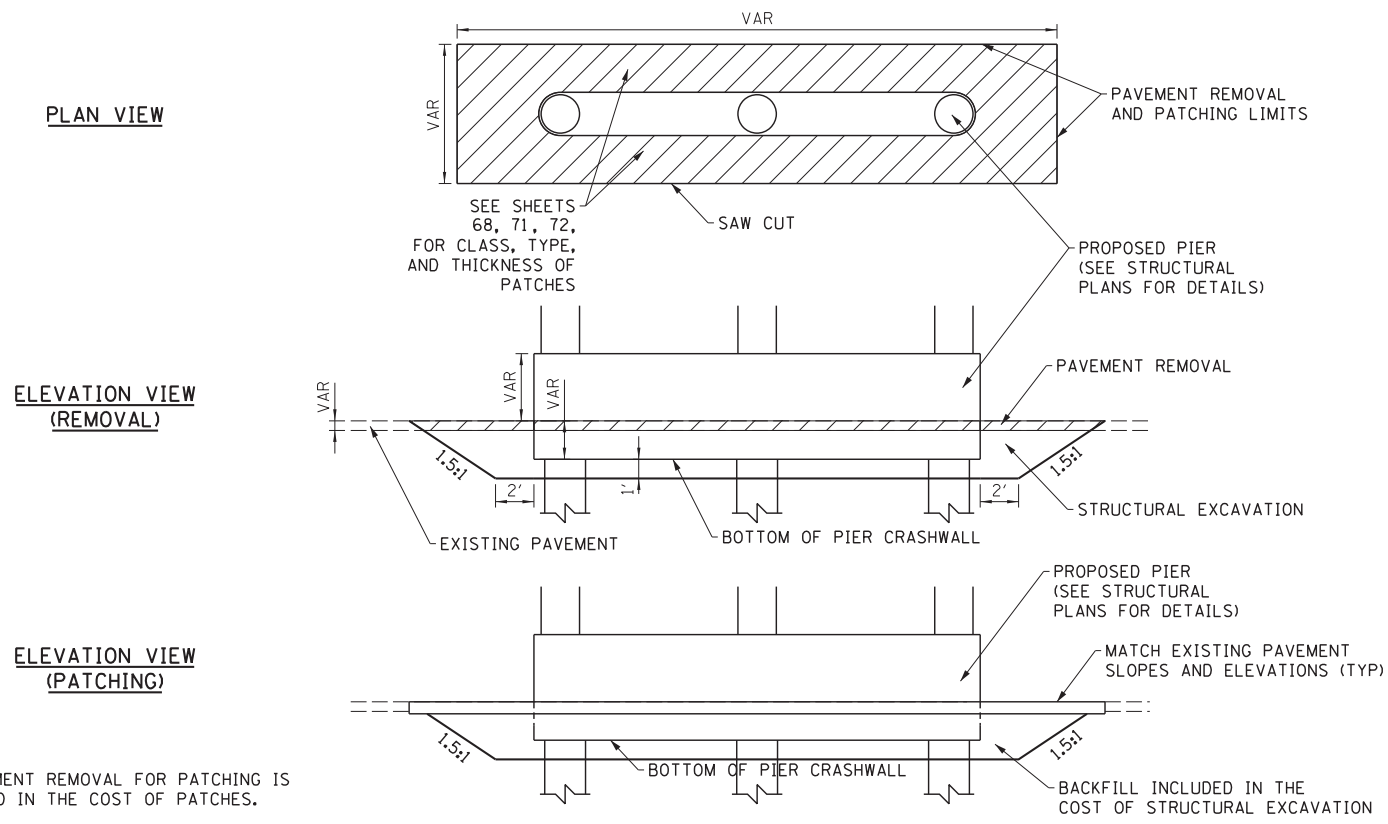
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY DETAILS
McCORMICK PLACE PARKING LOT B**

SCALE: SHEET NO. 6 OF 19 SHEETS STA. TO STA.

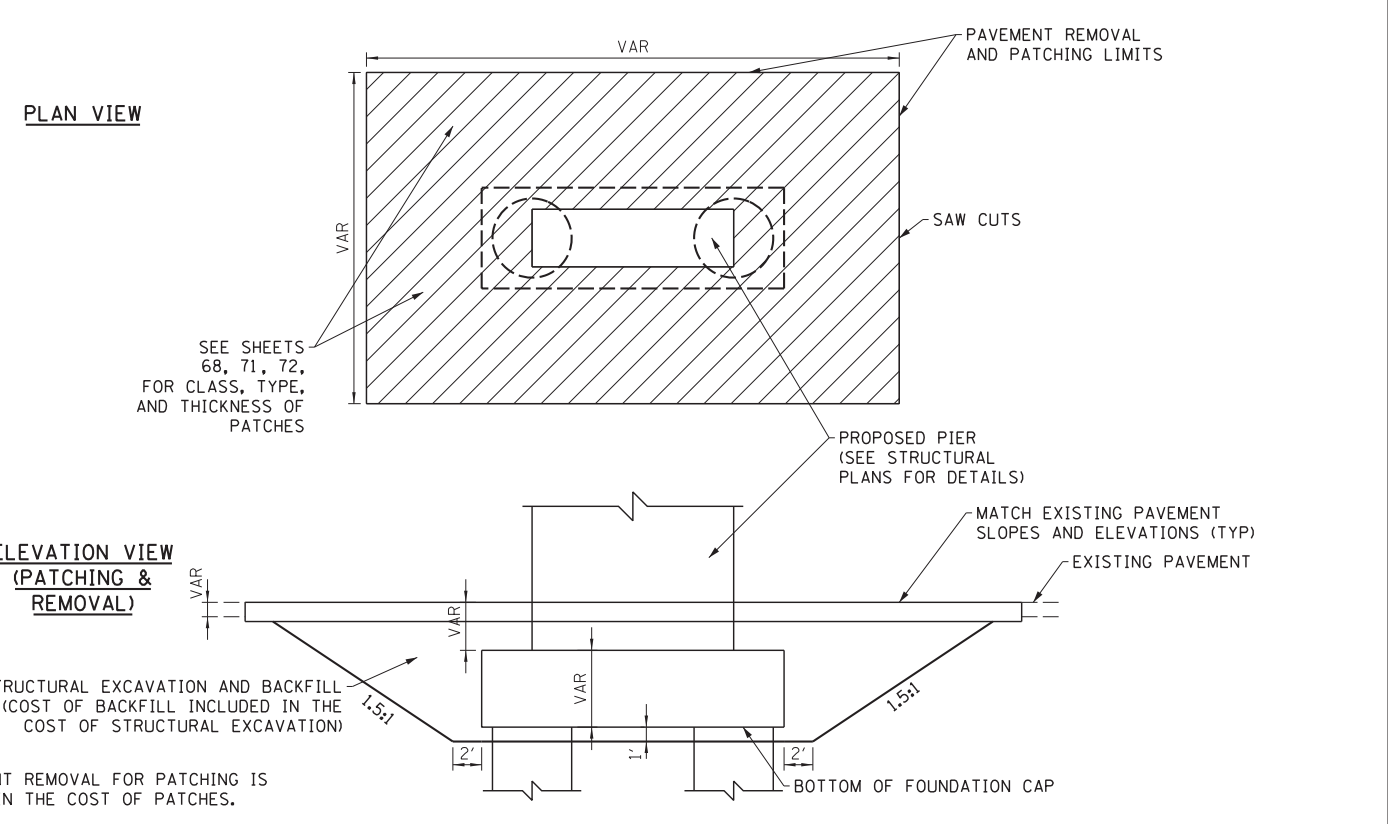
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	888	72
CONTRACT NO. 60X07				

ILLINOIS FED. AID PROJECT



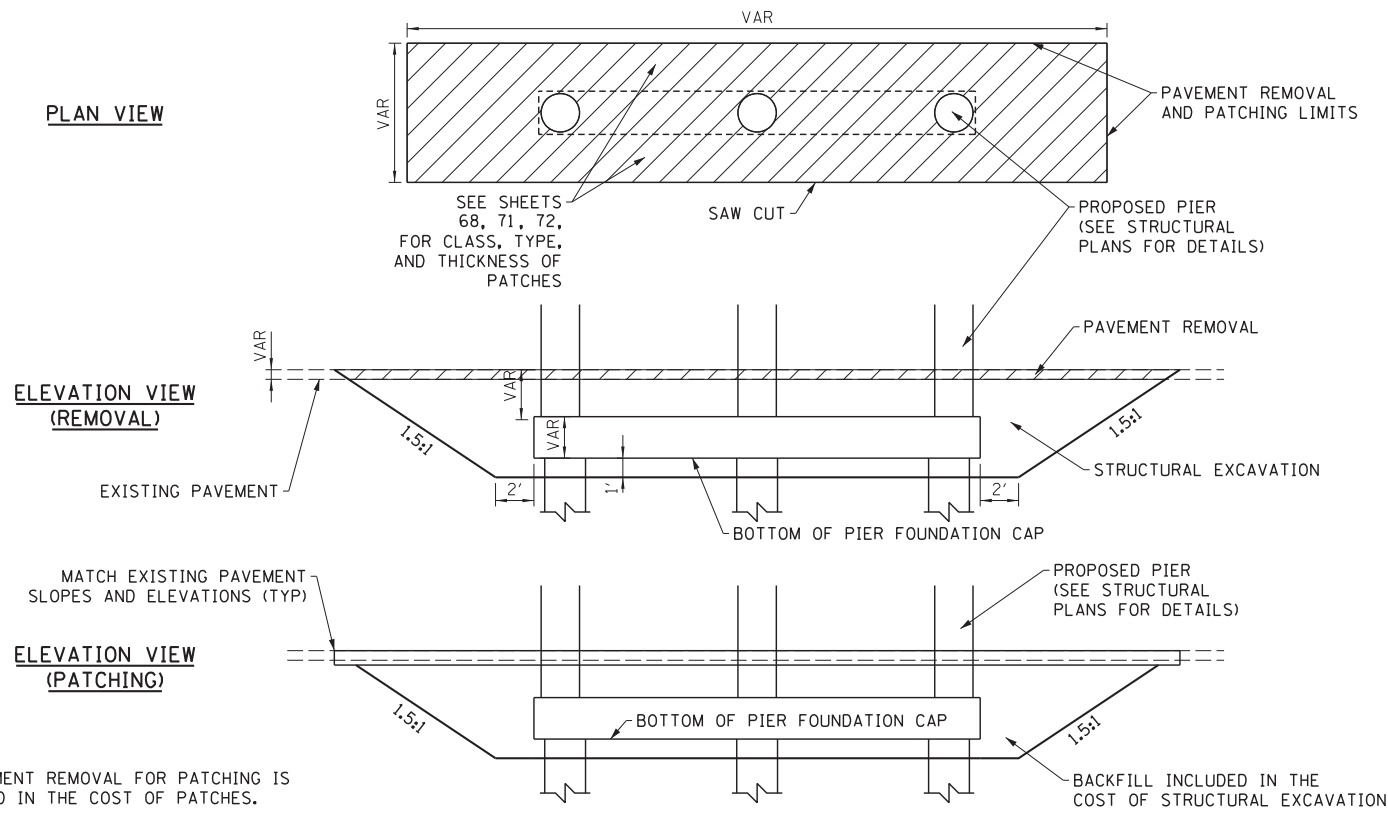
MULTI-COLUMN PIER WITH CRASHWALL PATCHING DETAIL
 LOCATIONS AS SHOWN IN ROADWAY DETAILS
 SEE STRUCTURAL PLANS FOR PIER DIMENSIONS
 DETAIL NOT DRAWN TO SCALE

NOTE:
 1. PAVEMENT REMOVAL FOR PATCHING IS INCLUDED IN THE COST OF PATCHES.
 2. IF PROPOSED PIER LIES BENEATH MEDIAN SURFACE, PAVEMENT, OR PARKING LOT, AN AGGREGATE APPROVED BY THE FIELD ENGINEER SHALL BE PLACED BENEATH PATCHING. COST TO BE INCLUDED IN THE COST OF STRUCTURAL EXCAVATION.



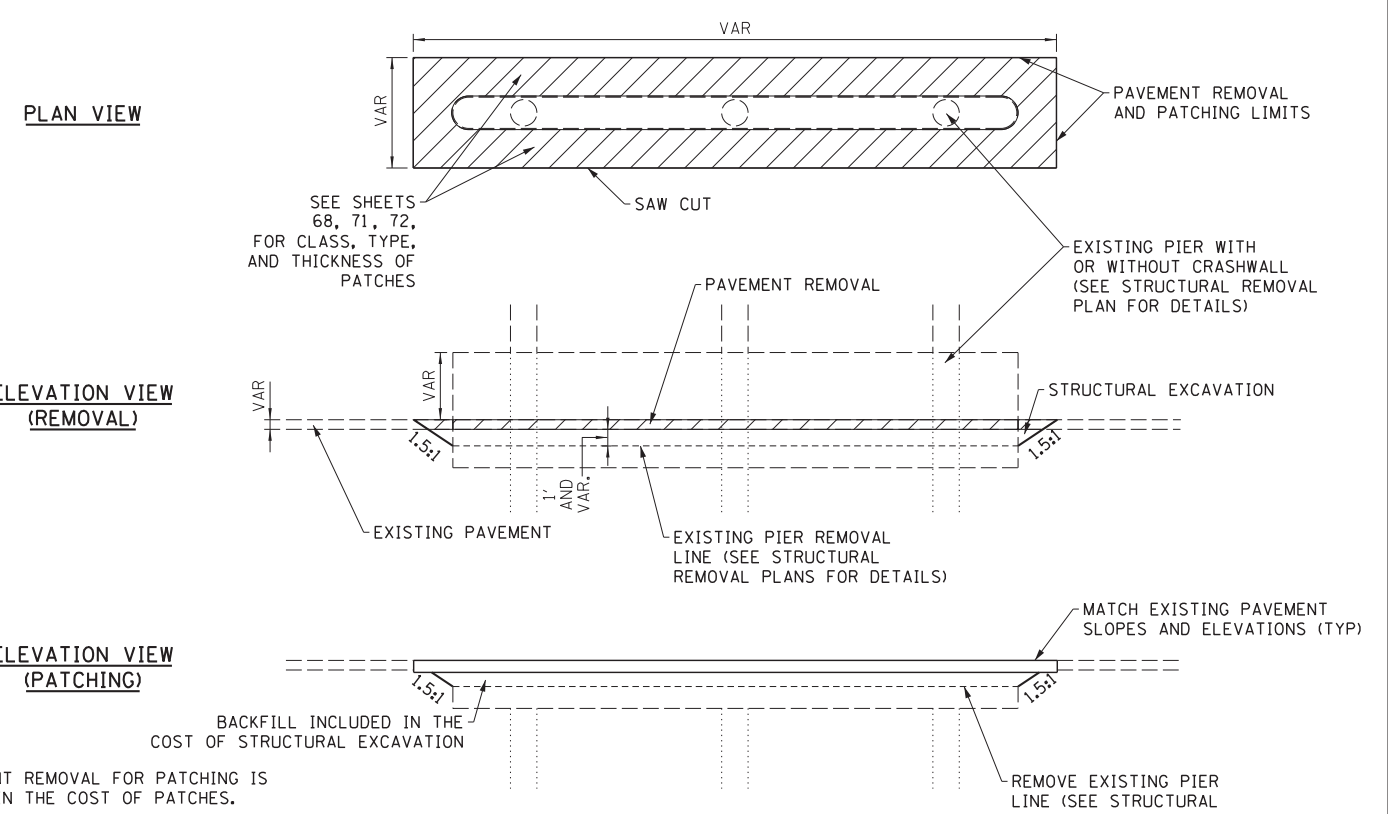
WIDE WALL HAMMERHEAD PIER PATCHING DETAIL
 LOCATIONS AS SHOWN IN ROADWAY DETAILS
 SEE STRUCTURAL PLANS FOR PIER DIMENSIONS
 DETAIL NOT DRAWN TO SCALE

NOTE:
 1. PAVEMENT REMOVAL FOR PATCHING IS INCLUDED IN THE COST OF PATCHES.
 2. IF PROPOSED PIER LIES BENEATH MEDIAN SURFACE, PAVEMENT, OR PARKING LOT, AN AGGREGATE APPROVED BY THE FIELD ENGINEER SHALL BE PLACED BENEATH PATCHING. COST TO BE INCLUDED IN THE COST OF STRUCTURAL EXCAVATION.



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

NOTE:
 1. PAVEMENT REMOVAL FOR PATCHING IS INCLUDED IN THE COST OF PATCHES.
 2. IF PROPOSED PIER LIES BENEATH MEDIAN SURFACE, PAVEMENT, OR PARKING LOT, AN AGGREGATE APPROVED BY THE FIELD ENGINEER SHALL BE PLACED BENEATH PATCHING. COST TO BE INCLUDED IN THE COST OF STRUCTURAL EXCAVATION.



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

NOTE:
 1. PAVEMENT REMOVAL FOR PATCHING IS INCLUDED IN THE COST OF PATCHES.
 2. IF EXISTING PIER LIES BENEATH MEDIAN SURFACE, PAVEMENT, OR PARKING LOT, AN AGGREGATE APPROVED BY THE FIELD ENGINEER SHALL BE PLACED BENEATH PATCHING. COST TO BE INCLUDED IN THE COST OF STRUCTURAL EXCAVATION.

FILE NAME = D:\60X07-Sht-c-RoadDetail\607.dgn



USER NAME = augeungh
 DESIGNED - BS
 DRAWN - BS
 PLOT SCALE = 10.0000' / 1" IN.
 CHECKED - MJE
 DATE - 5/26/2015
 REVISIONS -

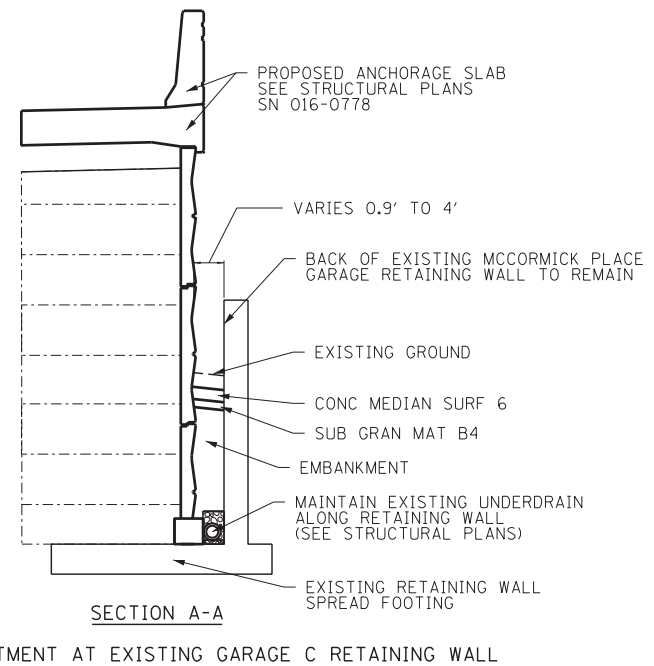
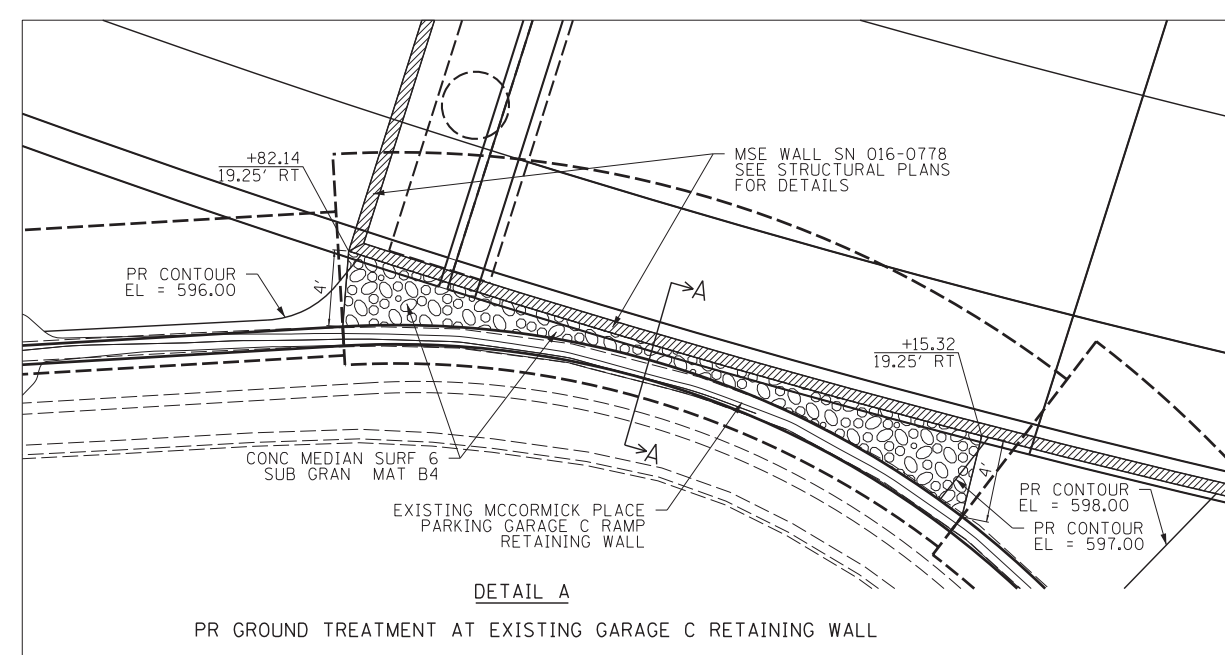
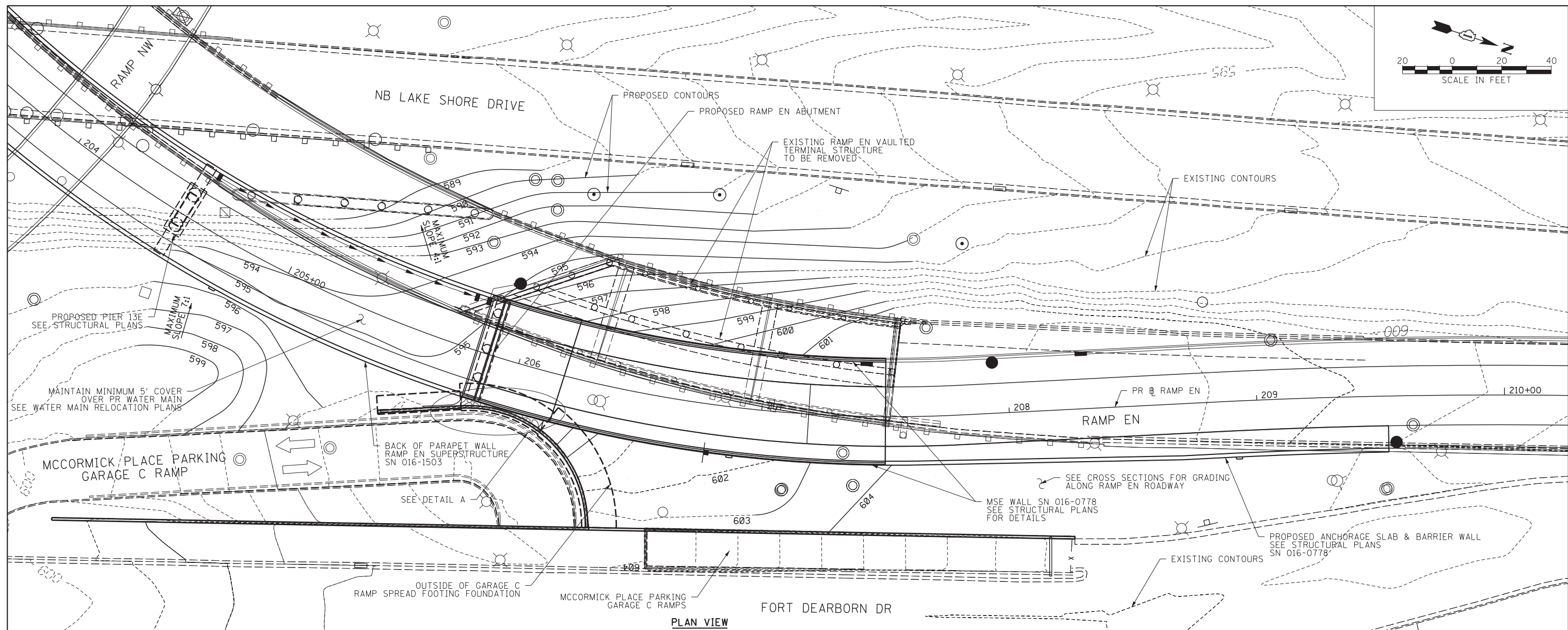
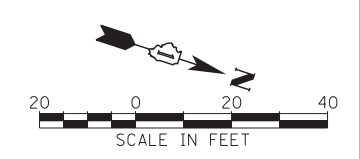
DESIGNED - BS
 DRAWN - BS
 CHECKED - MJE
 DATE - 5/26/2015
 REVISIONS -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ROADWAY DETAILS
 PIER PATCHING DETAILS**

SCALE: SHEET NO. 7 OF 19 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	888	73
CONTRACT NO. 60X07				
ILLINOIS FED. AID PROJECT				



NOTE:
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.

FILE NAME = D:\60X07-Sht-C-RoadDetail1s08.dgn



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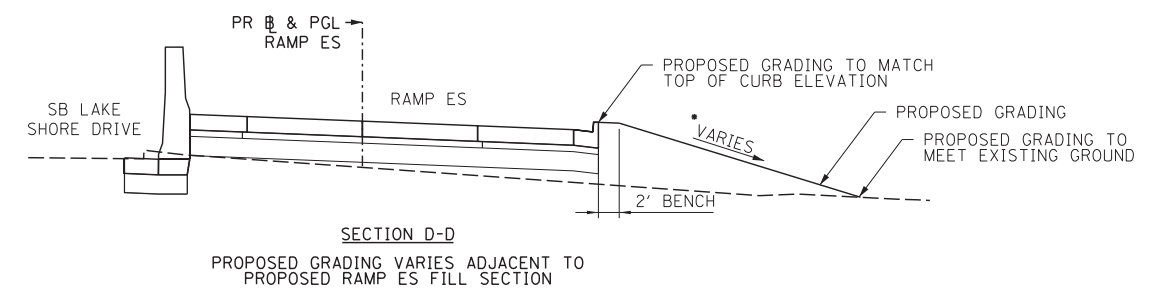
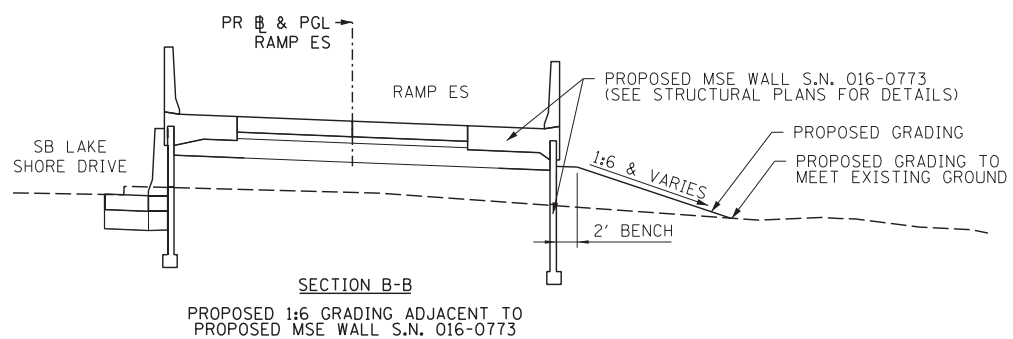
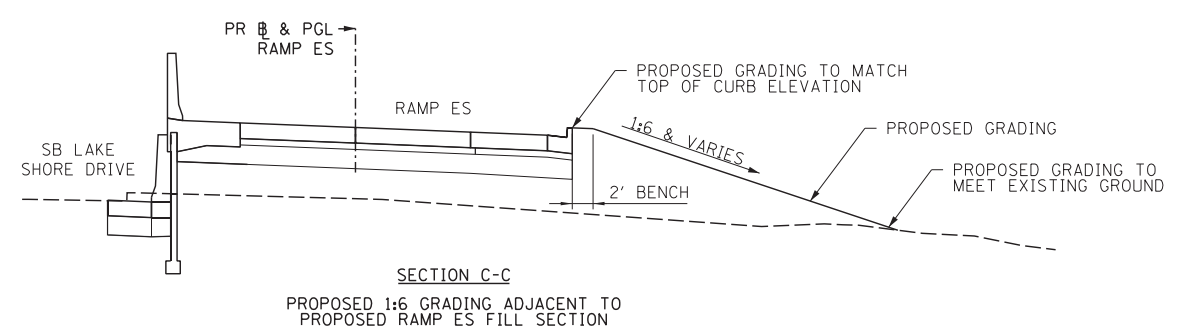
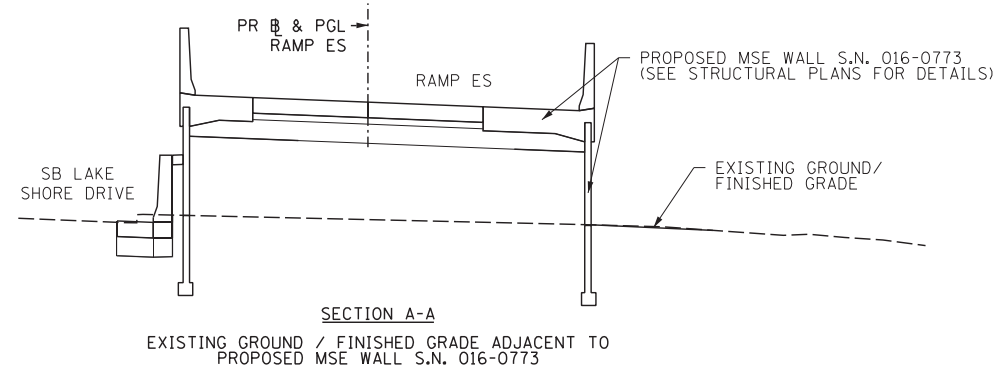
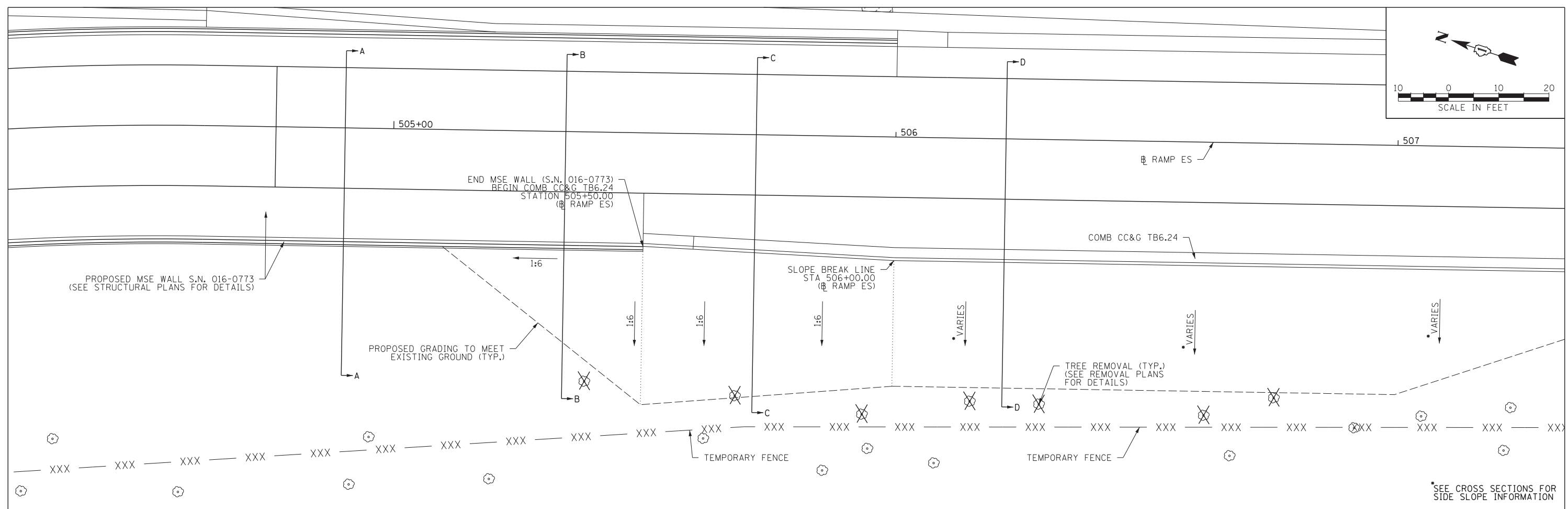
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS
RAMP EN GRADING PLAN

SCALE: 1"=20' SHEET NO. 8 OF 19 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	888	74
CONTRACT NO. 60X07				

ILLINOIS FED. AID PROJECT



PROPOSED GRADING PLAN - RAMP ES

FILE NAME = D:\60X07-Sht-c-Road\Detail\189.dgn



USER NAME = ouyeungh	DESIGNED - CRH	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - NSA	REVISED -
PLOT DATE = 5/22/2015	CHECKED - MJE	REVISED -
	DATE - 5/26/2015	REVISED -

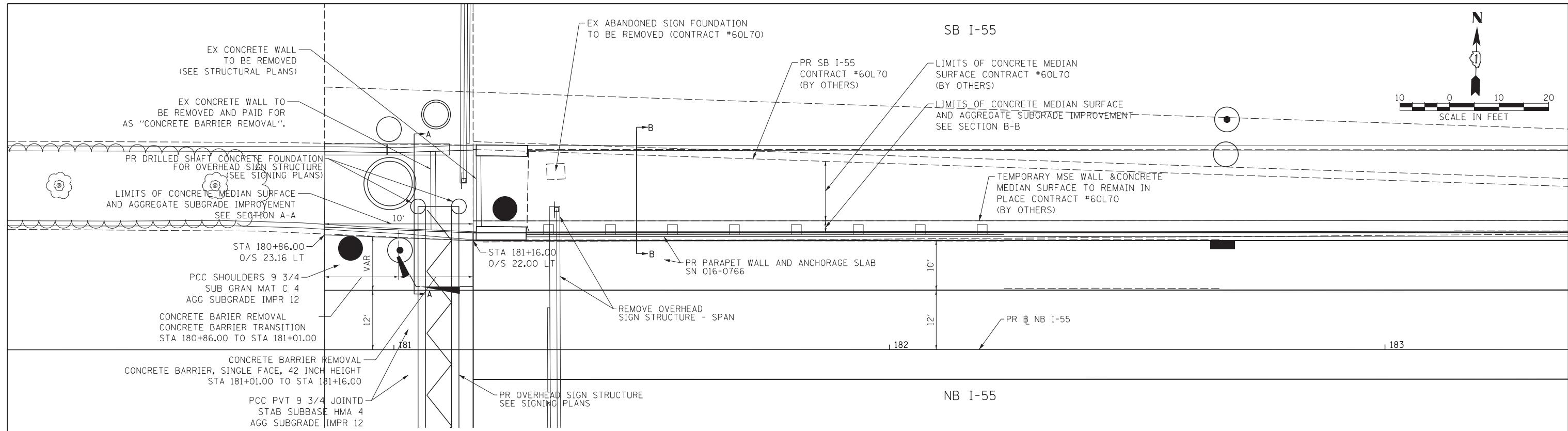
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS
RAMP ES GRADING PLAN

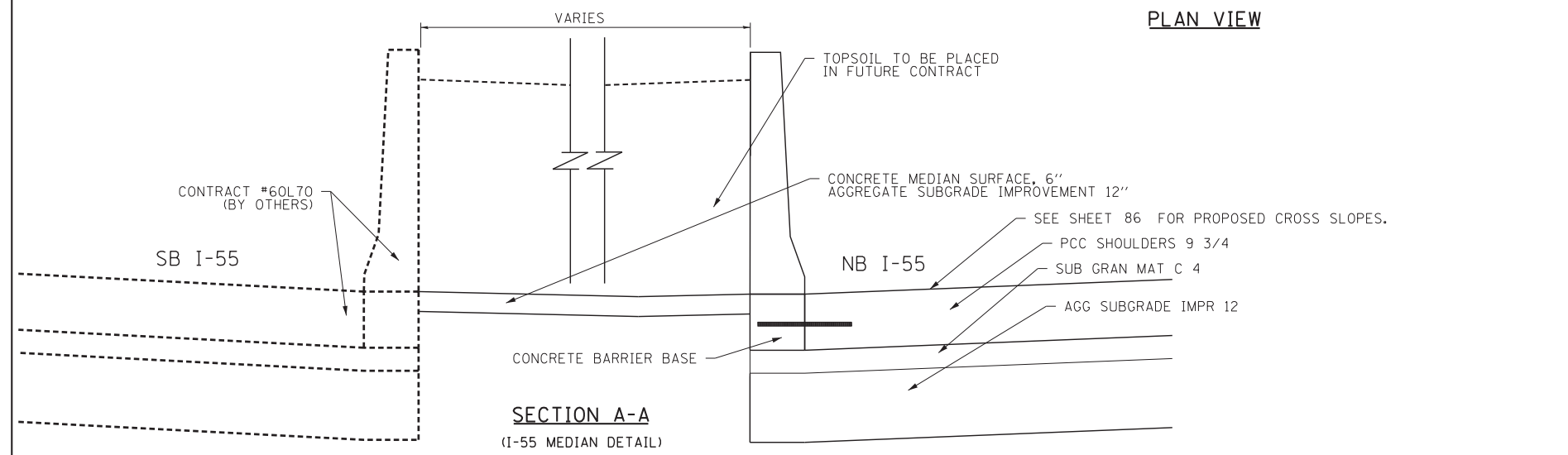
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	888	75
CONTRACT NO. 60X07				

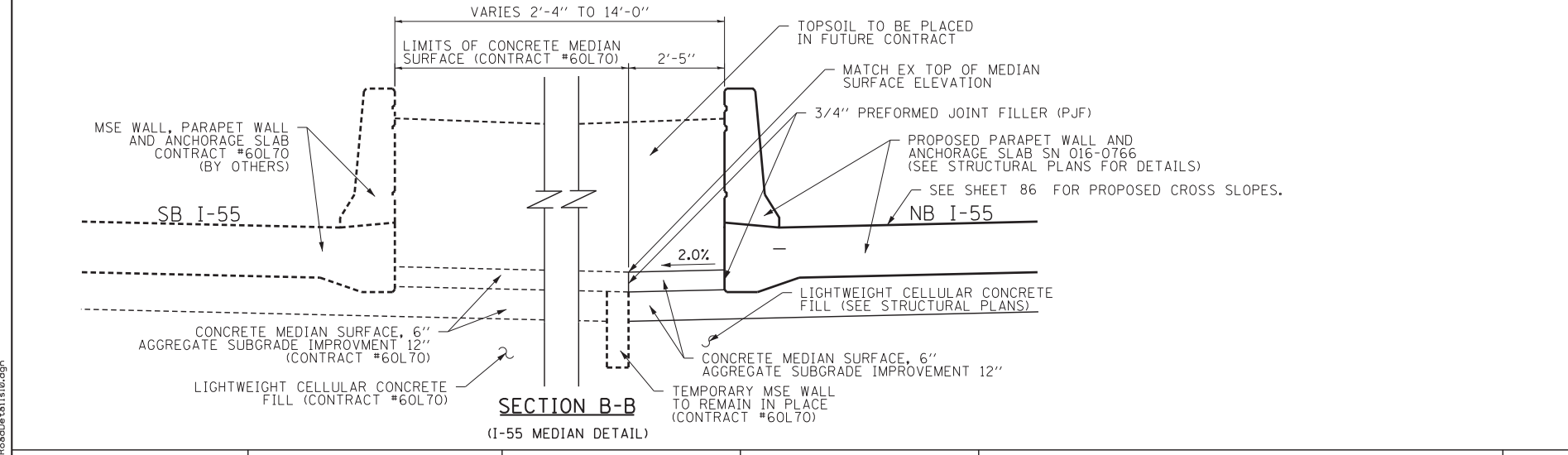
ILLINOIS FED. AID PROJECT



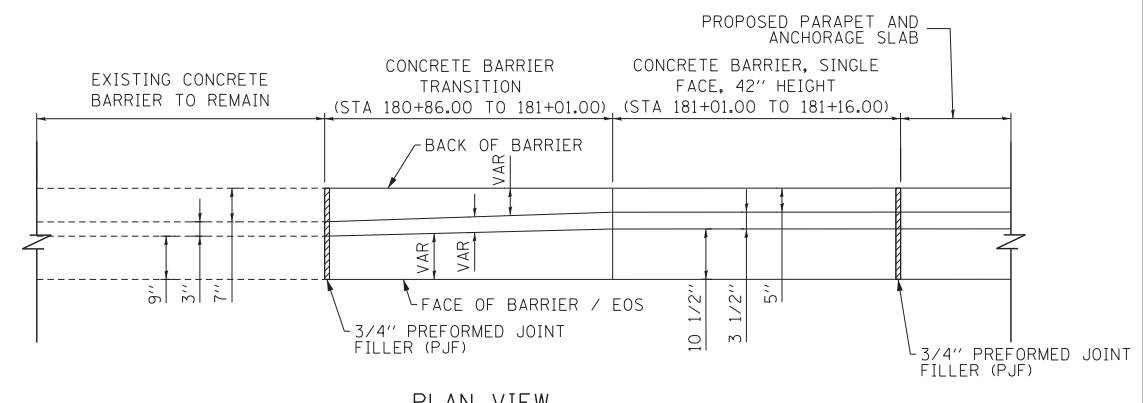
PLAN VIEW



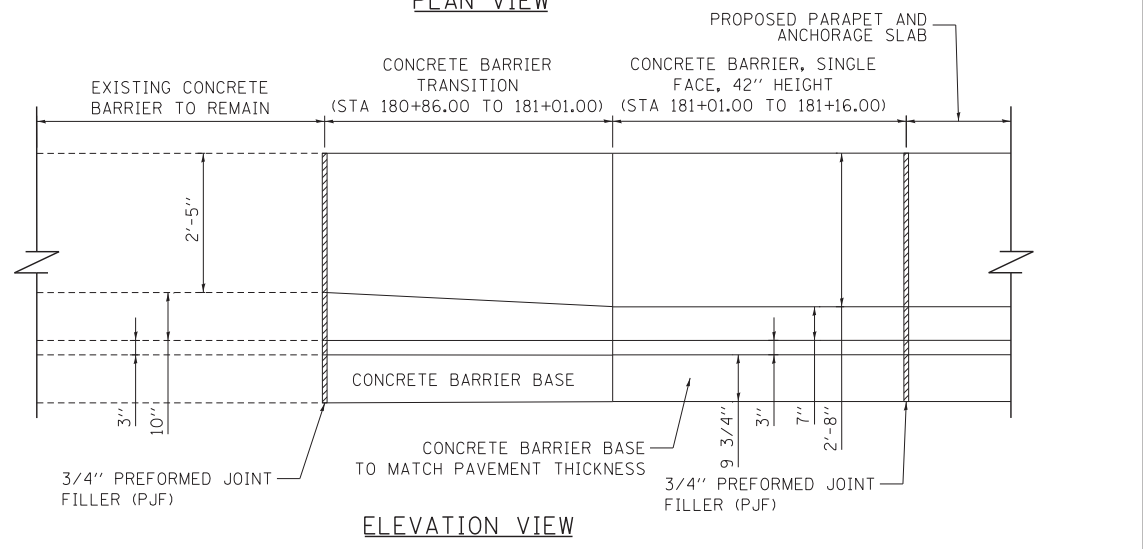
SECTION A-A
(I-55 MEDIAN DETAIL)



SECTION B-B
(I-55 MEDIAN DETAIL)



PLAN VIEW



ELEVATION VIEW

CONCRETE BARRIER, SINGLE FACE, 42 IN. TRANSITION
(TRANSITION TO EXISTING BARRIER ALONG NB I-55)
• CONCRETE BARRIER, SINGLE FACE, 42 IN. TRANSITION PAID FOR AS CONCRETE BARRIER, SINGLE FACE, 42 IN. HEIGHT.

FILE NAME = D:\60X07-Sht-C-RoadDetail\10.dgn



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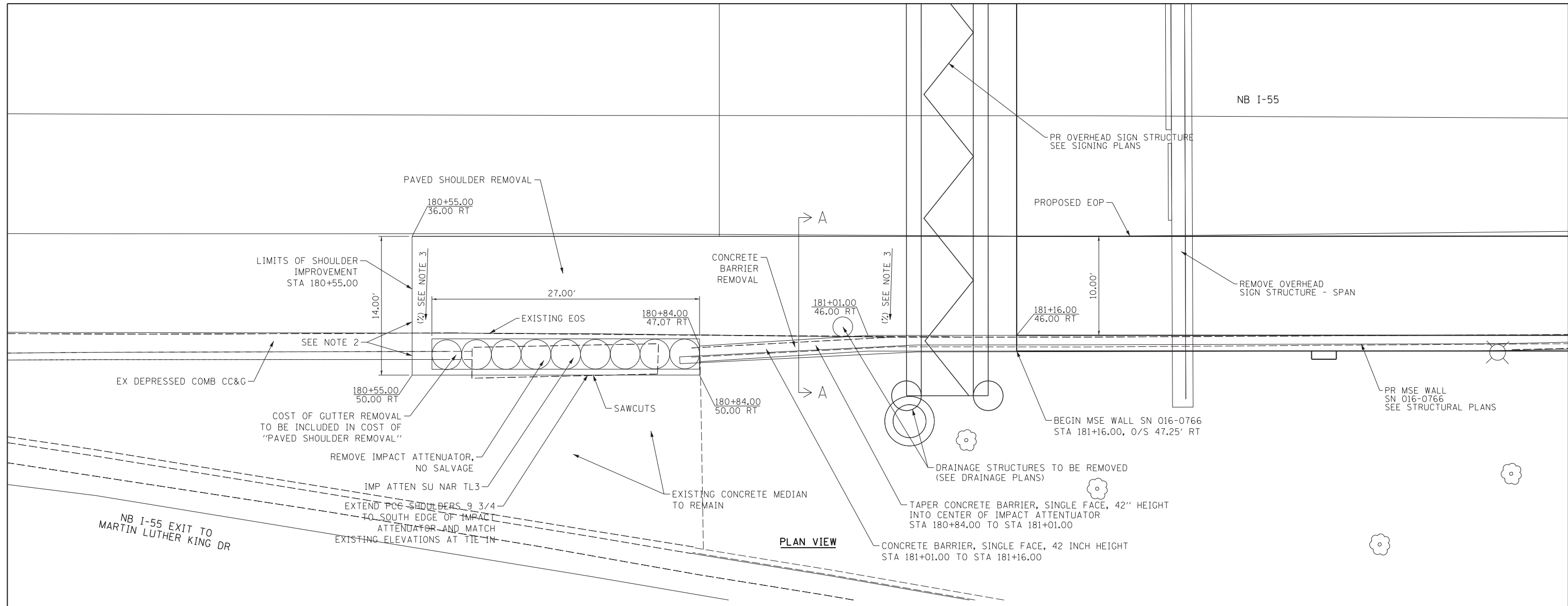
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS
NB I-55 MEDIAN

SCALE: 1" = 10' SHEET NO. 10 OF 19 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	888	76
CONTRACT NO. 60X07				

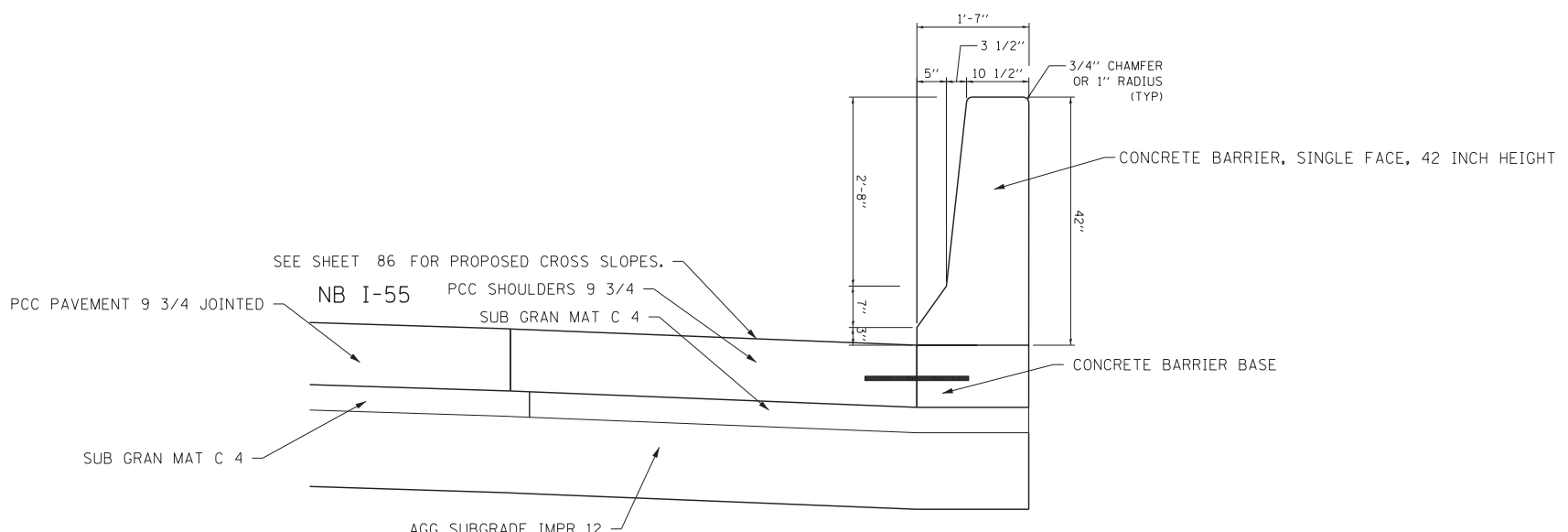
ILLINOIS FED. AID PROJECT



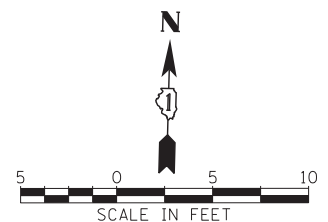
PLAN VIEW

NOTES:

1. MATCH EXISTING ELEVATIONS AT ALL TIE IN POINTS.
2. PROPOSED SHOULDER ELEVATIONS TO BE ADJUSTED TO MATCH EXISTING EDGE OF SHOULDER, EXISTING COMB CC&G, AND EXISTING MEDIAN SURFACE ELEVATIONS.
3. SEE SHEET 86 FOR CROSS SLOPE DETAILS. VARY SHOULDER SLOPE TO MATCH EXISTING. (CONTRACTOR TO VERIFY IN FIELD)
4. COST OF SAWCUTS TO BE INCLUDED IN COST OF REMOVAL ITEMS.



SECTION A-A
(I-55 SHOULDER DETAIL)



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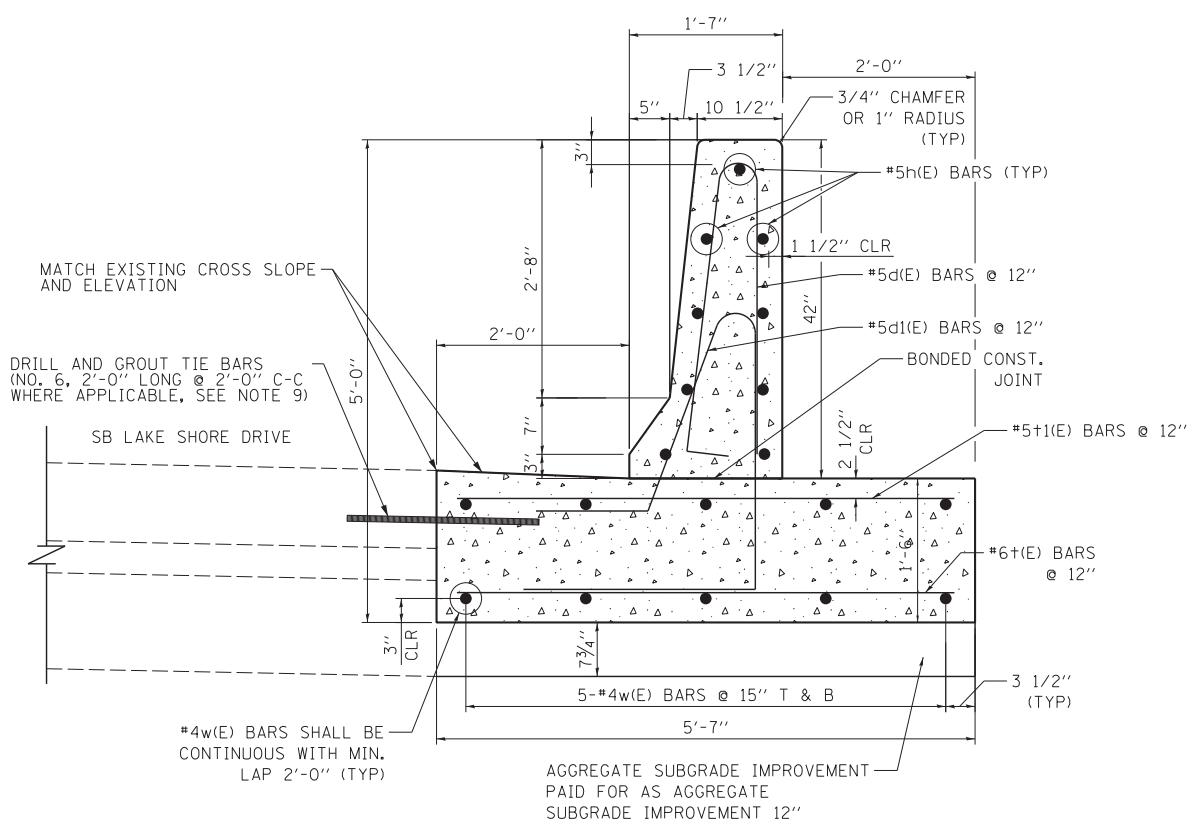
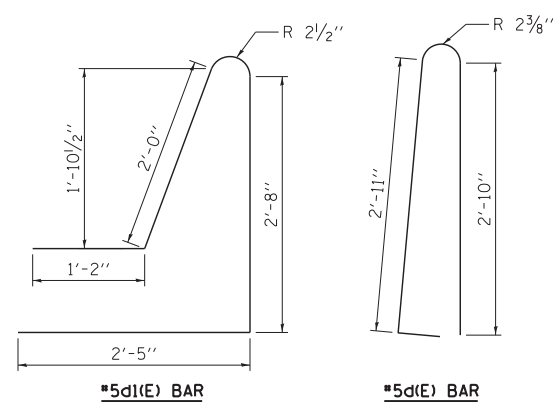
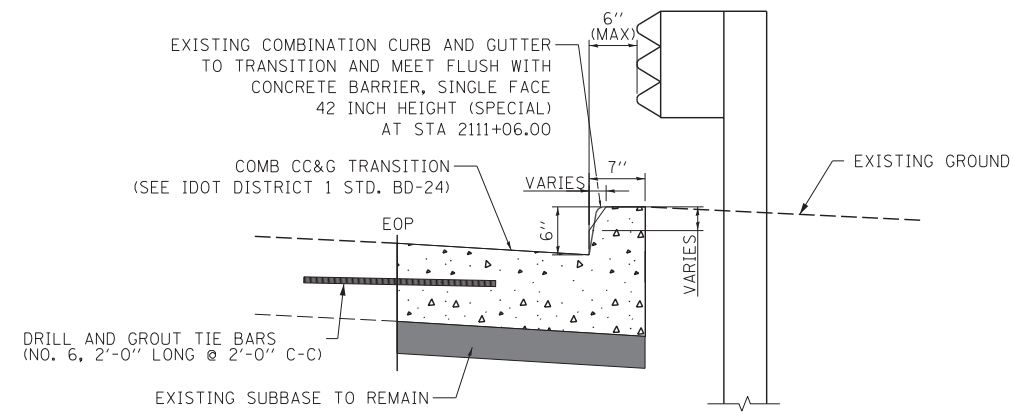
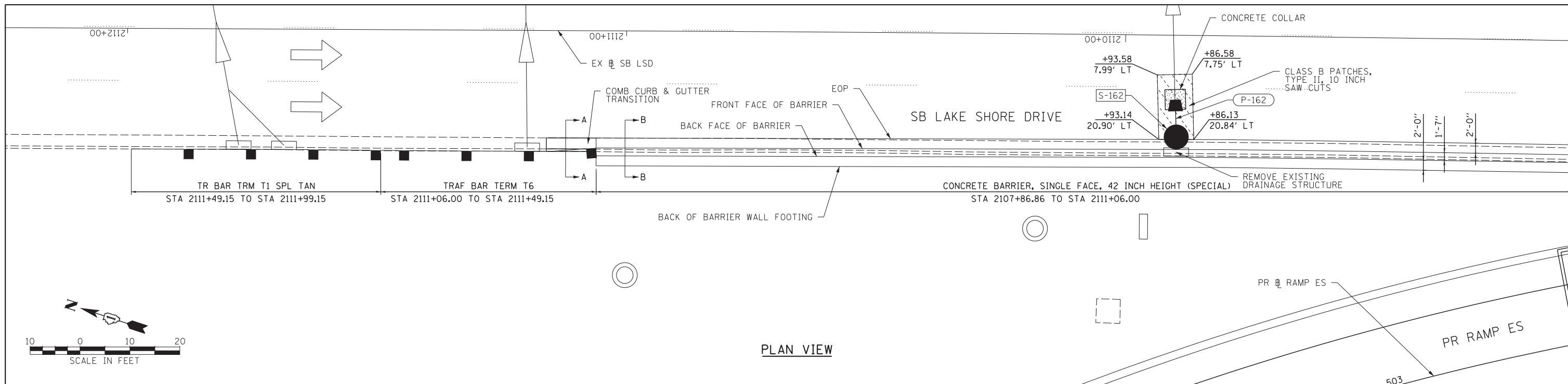


USER NAME = ouyeungh	DESIGNED - CRH	REVISED -
	DRAWN - DMS	REVISED -
PLOT SCALE = 5.0000' / 1\"/>		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS	
NB I-55 SHOULDER DETAIL	
SCALE 1" = 5'	SHEET NO. 11 OF 19 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	888	77
CONTRACT NO. 60X07				
ILLINOIS FED. AID PROJECT				



- 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, SINGLE FACE, 42 INCH HEIGHT (SPECIAL) SHALL BE INCLUDED IN THE COST OF "CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT (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.
 10. ALL STATIONING IS BASED OFF OF EXISTING SB LAKE SHORE DRIVE ALIGNMENT.

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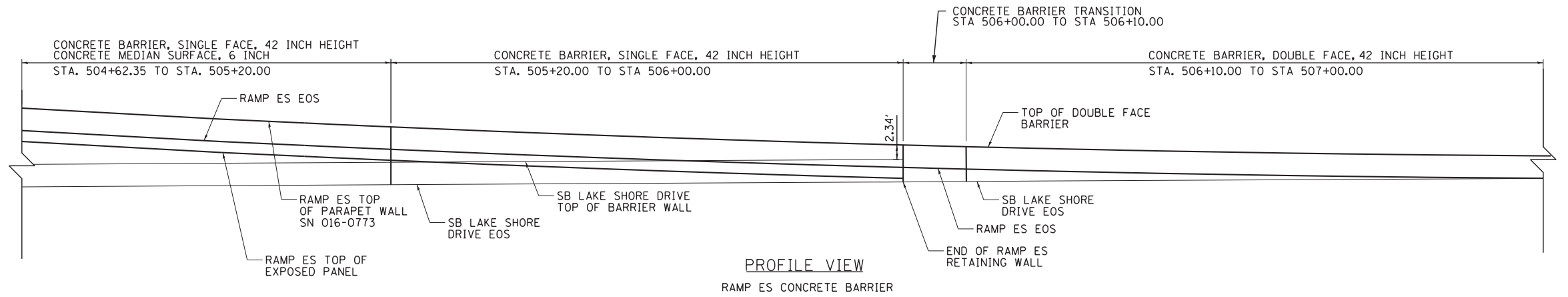
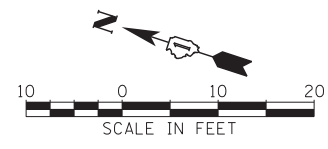
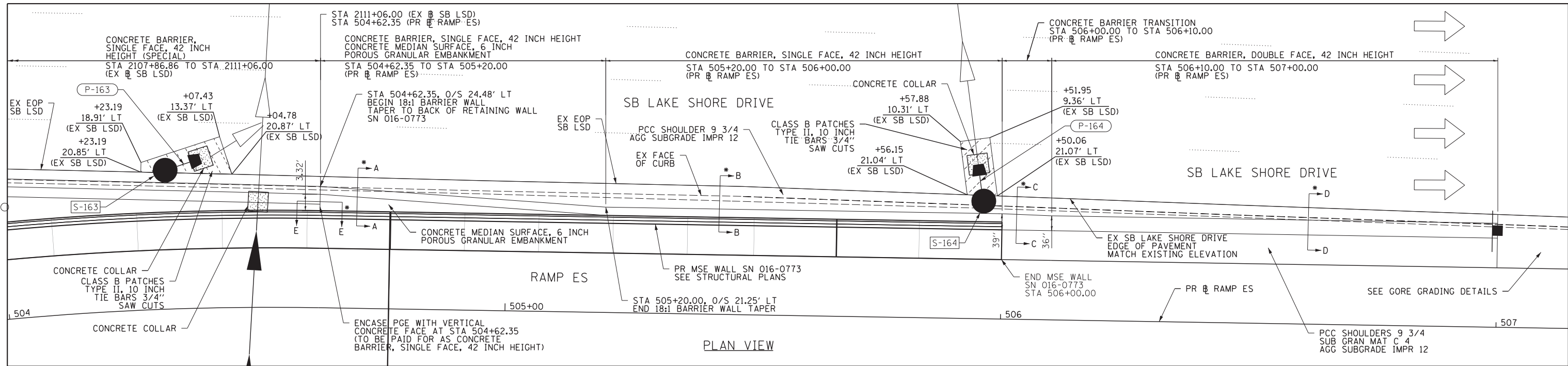
AECOM
303 EAST WACKER DRIVE, SUITE 1400
CHICAGO, IL 60601-5276
PHONE: (312) 373-7700 FAX: (312) 373-8800

USER NAME = augeungh	DESIGNED - CRH	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - NSA	REVISED -
PLOT DATE = 5/22/2015	CHECKED - MJE	REVISED -
	DATE - 5/26/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS	
SB LAKE SHORE DRIVE CONCRETE BARRIER	
SCALE: 1" = 10'	SHEET NO. 12 OF 19 SHEETS
STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	888	78
CONTRACT NO. 60X07				
ILLINOIS FED. AID PROJECT				



RAMP ES CONCRETE BARRIER WALL							
RAMP ES STATION	RAMP ES EOP ELEV.	RAMP ES EOS ELEV.	RAMP ES TOP OF BARRIER ELEV.	SB LSD EX EOP ELEV.	SB LSD SHOULDER WIDTH	SB LSD TOP OF BARRIER ELEV.	CONCRETE MEDIAN SURFACE WIDTH
CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT							
504+62.35	601.61	601.82	605.32	593.02	2.00	596.48	3.32
504+70.00	601.21	601.40	604.90	593.07	2.36	596.52	2.88
504+80.00	600.68	600.84	604.34	593.13	2.82	596.57	2.30
504+90.00	600.16	600.29	603.79	593.19	3.29	596.62	1.73
505+00.00	599.67	599.79	603.29	593.25	3.78	596.67	1.15
505+10.00	599.21	599.33	602.83	593.30	4.28	596.72	0.58
505+20.00	598.77	598.89	602.39	593.36	4.79	596.76	N/A
505+30.00	598.34	598.46	601.96	593.42	4.73	596.82	N/A
505+40.00	597.94	598.06	601.56	593.47	4.67	596.88	N/A
505+50.00	597.56	597.68	601.18	593.53	4.58	596.93	N/A
505+60.00	597.19	597.31	600.81	593.58	4.37	596.99	N/A
505+70.00	596.85	596.97	600.47	593.63	4.17	597.05	N/A
505+80.00	596.53	596.65	600.15	593.68	3.96	597.10	N/A
505+90.00	596.23	596.35	599.85	593.74	3.76	597.16	N/A
506+00.00	595.94	596.06	599.56	593.79	3.55	597.22	N/A

RAMP ES CONCRETE BARRIER WALL						
RAMP ES STATION	RAMP ES EOP ELEV.	RAMP ES EOS ELEV.	RAMP ES TOP OF BARRIER ELEV.	SB LSD EX EOP ELEV.	SB LSD SHOULDER WIDTH	SB LSD TOP OF BARRIER ELEV.
CONCRETE BARRIER, VARIABLE CROSS-SECTION, 42" HEIGHT						
506+10.00	595.68	595.80	599.30	593.85	3.59	599.30
506+20.00	595.44	595.56	599.06	593.91	3.38	599.06
506+30.00	595.22	595.34	598.84	593.97	3.16	598.84
506+40.00	595.02	595.14	598.64	594.04	2.95	598.64
506+50.00	594.84	594.96	598.46	594.09	2.74	598.46
506+60.00	594.68	594.80	598.30	594.15	2.54	598.30
506+70.00	594.54	594.66	598.16	594.20	2.35	598.16
506+80.00	594.42	594.54	598.04	594.25	2.15	598.04
506+90.00	594.33	594.45	597.95	594.31	1.96	597.95
507+00.00	594.25	594.37	597.87	594.35	1.76	597.87

* SEE SHEET 80 FOR SECTIONS A-A, B-B, C-C, D-D, E-E

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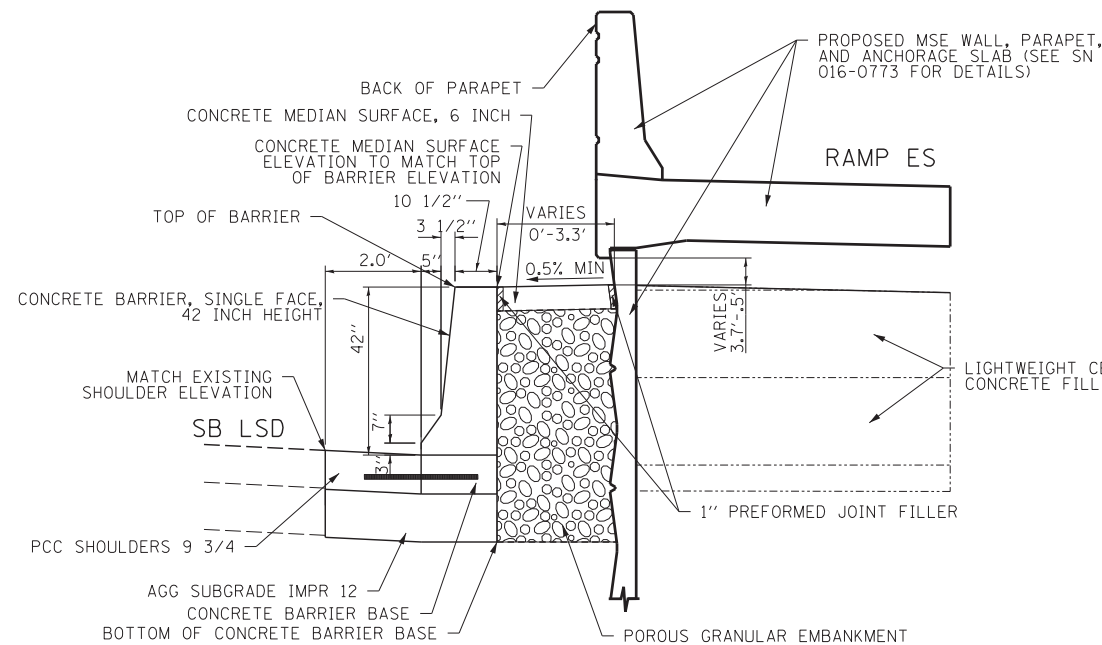


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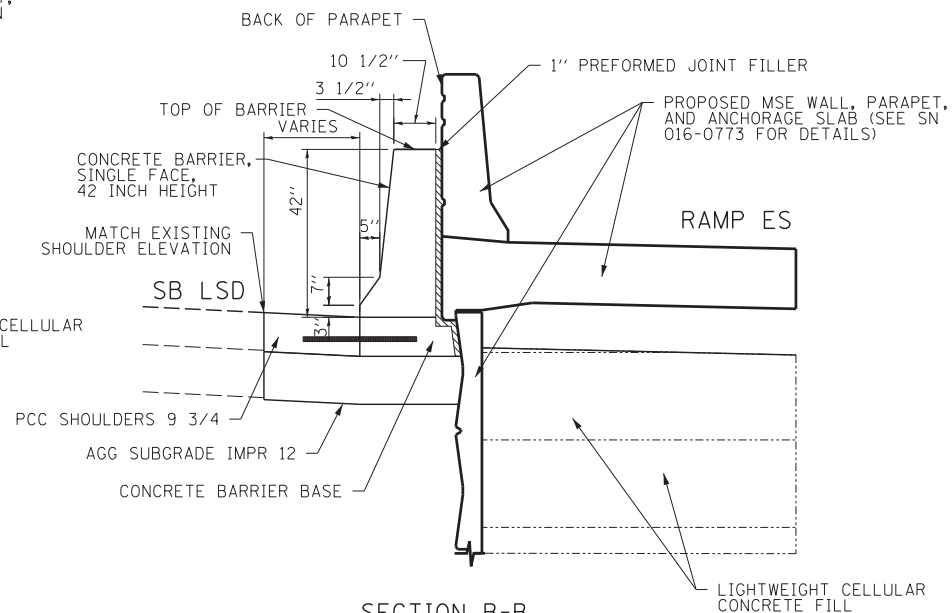
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS	
RAMP ES CONCRETE BARRIER WALL (SHEET 1 OF 2)	
SCALE: 1" = 10'	SHEET NO. 13 OF 19 SHEETS
STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	888	79
CONTRACT NO. 60X07				
ILLINOIS FED. AID PROJECT				



SECTION A-A
STA. 504+62.35 TO STA. 505+20.00

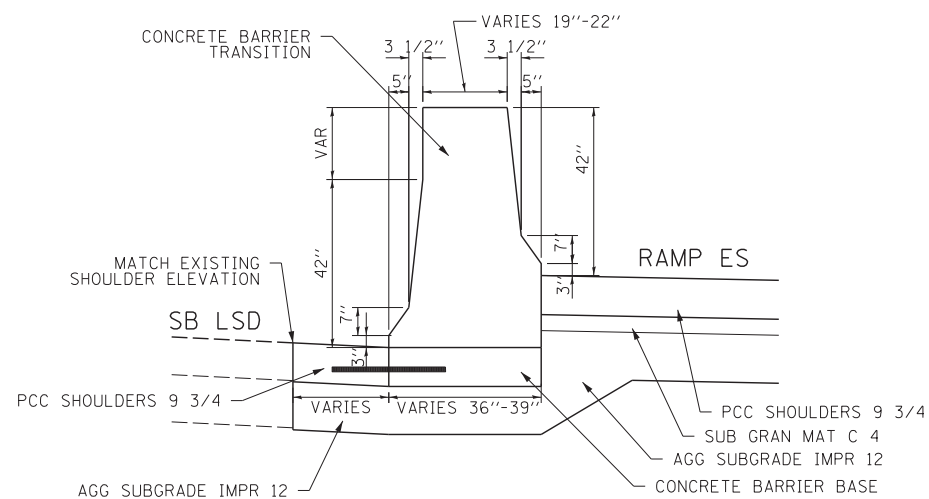


SECTION B-B
STA. 505+20.00 TO STA 506+00.00

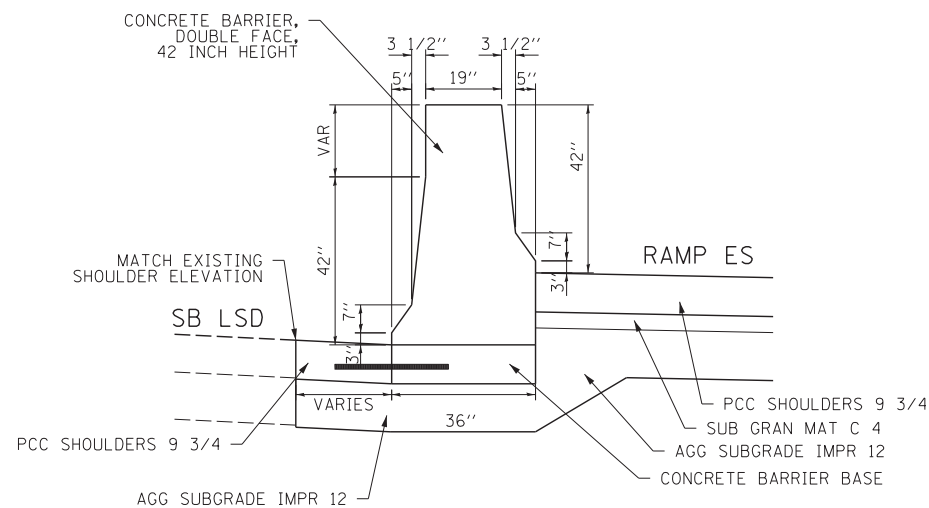
NOTES:

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 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 ES BASELINE.
10. THE ADDITIONAL THICKNESS OF AGGREGATE SUBGRADE IMPROVEMENT UNDER THE SHOULDER SHALL BE INCLUDED IN THE COST OF AGGREGATE SUBGRADE IMPROVEMENT 12".

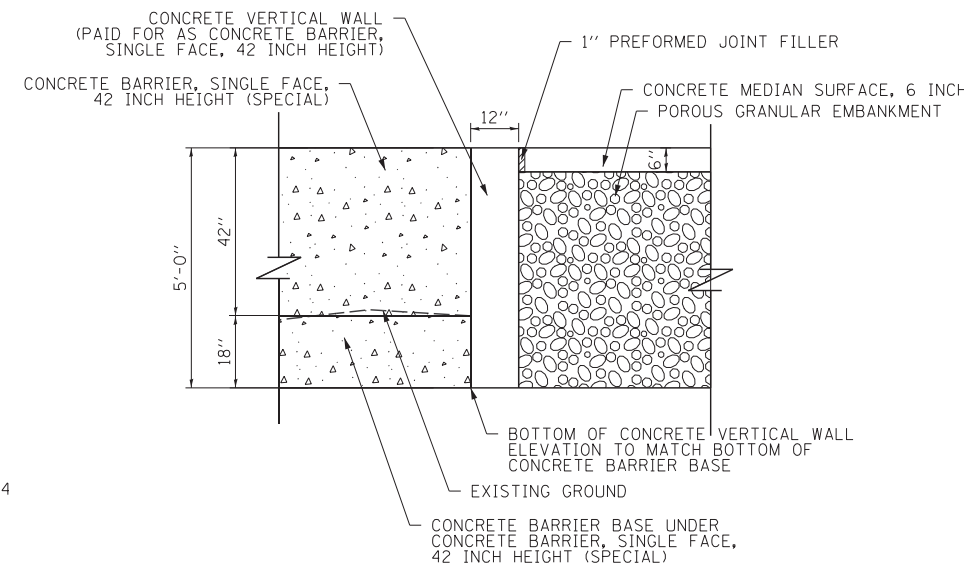
* SEE SHEET 79 FOR SECTION A-A, B-B, C-C, D-D, E-E LOCATIONS



SECTION C-C
STA. 506+00.00 TO STA 506+10.00



SECTION D-D
STA. 506+10.00 TO STA 507+00.00



SECTION E-E
CONCRETE VERTICAL WALL (PAID FOR AS CONCRETE BARRIER WALL, SINGLE FACE, 42 INCH HEIGHT)

FILE NAME = D:\60X07-Sht-C-RoadDetails\4.dgn



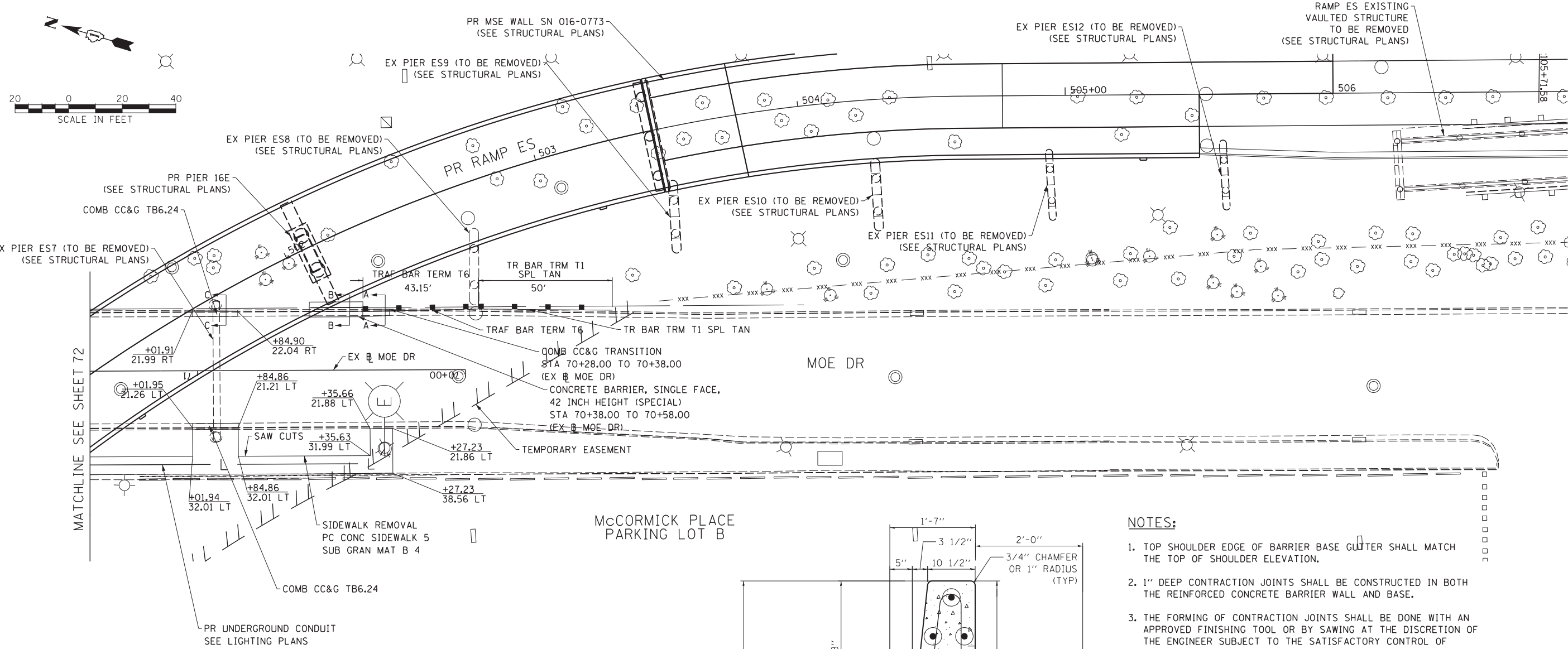
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PLOT DATE = 5/22/2015	CHECKED - MJE	REVISED -
	DATE - 5/26/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS
RAMP ES CONCRETE BARRIER WALL (SHEET 2 OF 2)

SCALE: 1" = 10' SHEET NO. 14 OF 19 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	888	80
CONTRACT NO. 60X07				
ILLINOIS FED. AID PROJECT				

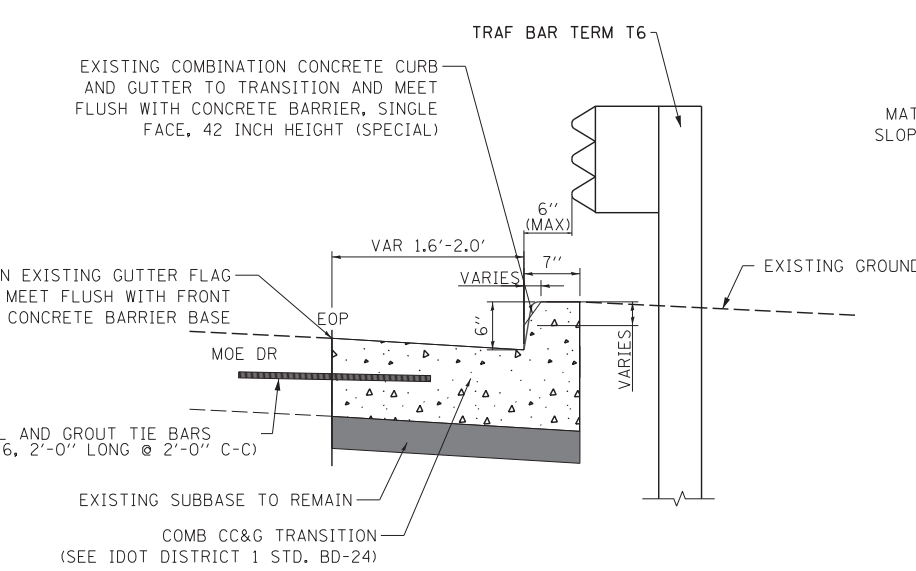


MATCHLINE SEE SHEET 72

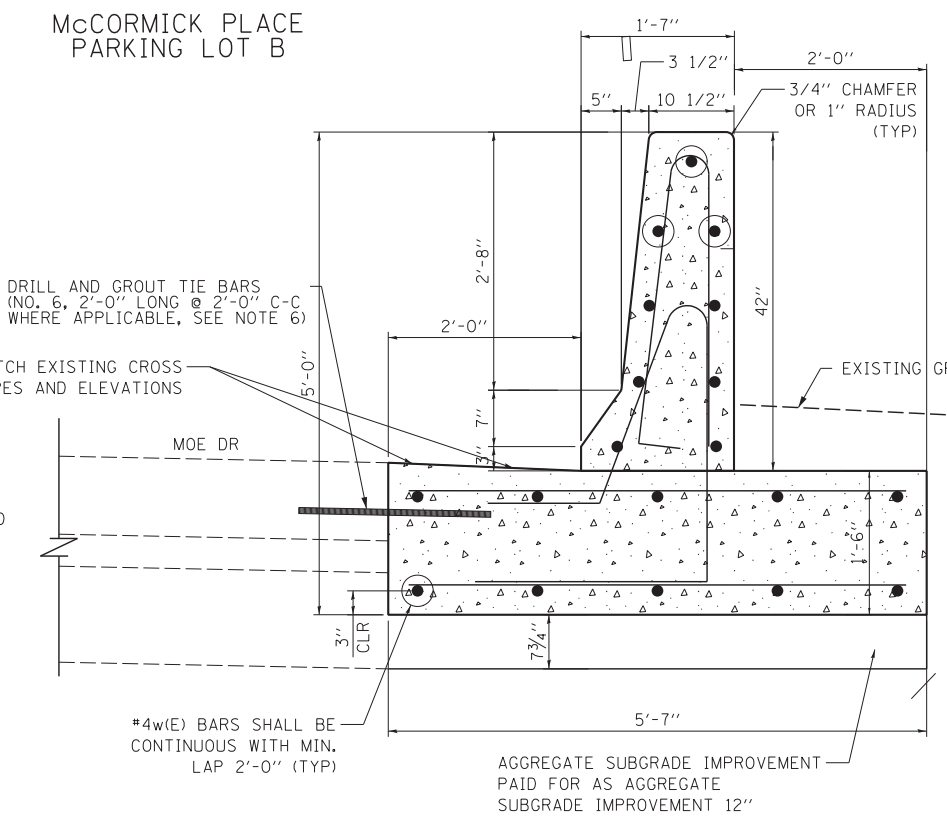
**MCCORMICK PLACE
PARKING LOT B**

NOTES:

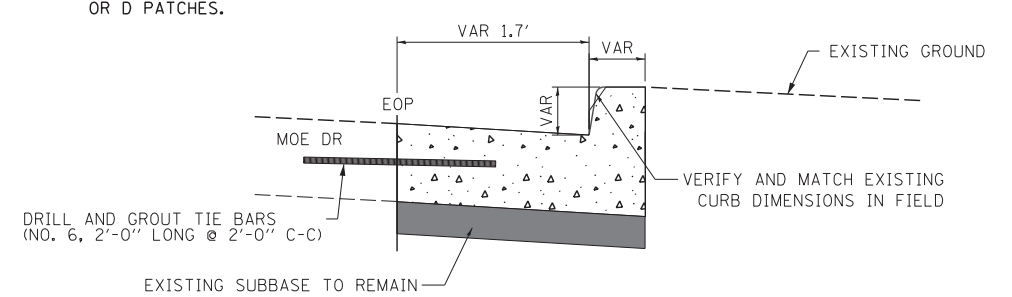
1. TOP SHOULDER EDGE OF BARRIER BASE GUTTER SHALL MATCH THE TOP OF SHOULDER ELEVATION.
2. 1" DEEP CONTRACTION JOINTS SHALL BE CONSTRUCTED IN BOTH THE REINFORCED CONCRETE BARRIER WALL AND BASE.
3. THE FORMING OF CONTRACTION JOINTS SHALL BE DONE WITH AN APPROVED FINISHING TOOL OR BY SAWING AT THE DISCRETION OF THE ENGINEER SUBJECT TO THE SATISFACTORY CONTROL OF CRACKING.
4. CONCRETE BARRIER BASE UNDER CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT (SPECIAL) SHALL BE INCLUDED IN THE COST OF "CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT (SPECIAL)".
5. COMBINATION CONCRETE CURB AND GUTTER TRANSITION TO BE PAID FOR AS "COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24".
6. 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.
7. ALL STATIONING IS BASED OFF OF EXISTING MOE DR ALIGNMENT.
8. COST OF SAW CUTS TO BE INCLUDED IN ITEM REMOVED OR CLASS C OR D PATCHES.



**SECTION A-A
COMB CC&G TRANSITION**
STA 70+28.00 TO STA 70+38.00



**SECTION B-B
CONCRETE BARRIER, SINGLE FACE,
42 INCH HEIGHT (SPECIAL)**
STA 70+38.00 TO STA 70+58.00
*SEE SHEET 78 FOR BARRIER BAR DETAILS



**SECTION C-C
COMB CC&G TRANSITION**
STA 70+84.90 TO STA 71+01.91

FILE NAME = D:\60X07-Sht-c-RoadDetails\5.dgn

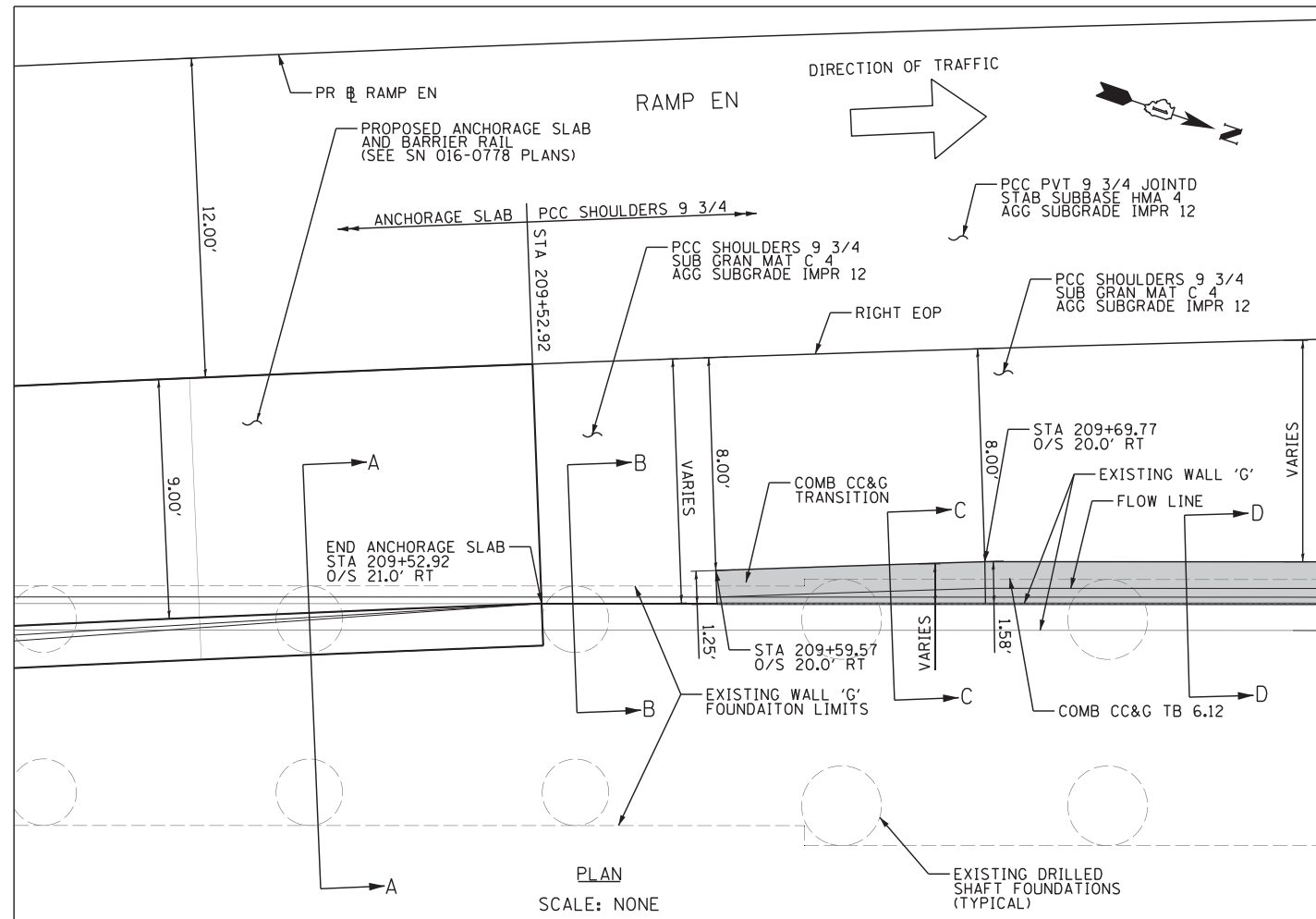


USER NAME = augeungh	DESIGNED - CRH	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - NSA	REVISED -
PLOT DATE = 5/22/2015	CHECKED - MJE	REVISED -
	DATE - 5/26/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY DETAILS	
MOE DR	
SCALE:	SHEET NO. 15 OF 19 SHEETS
STA.	TO STA.

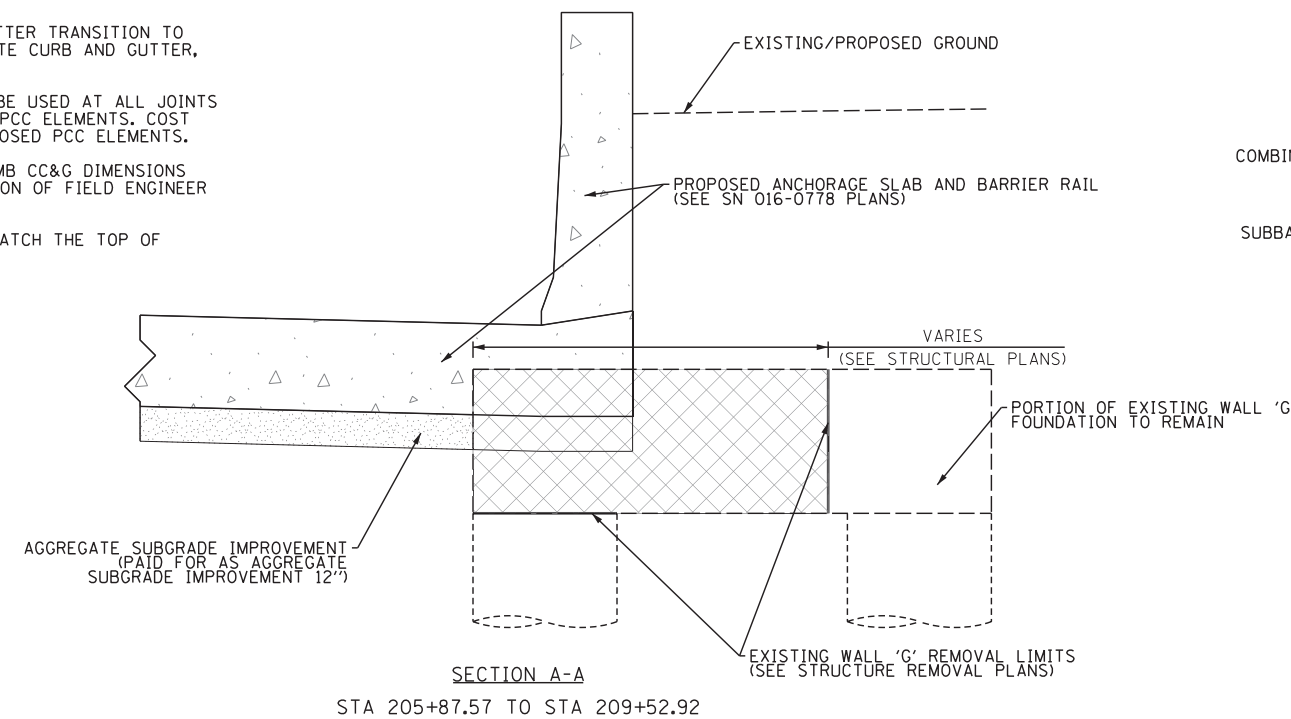
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	888	81
CONTRACT NO. 60X07				
ILLINOIS FED. AID PROJECT				



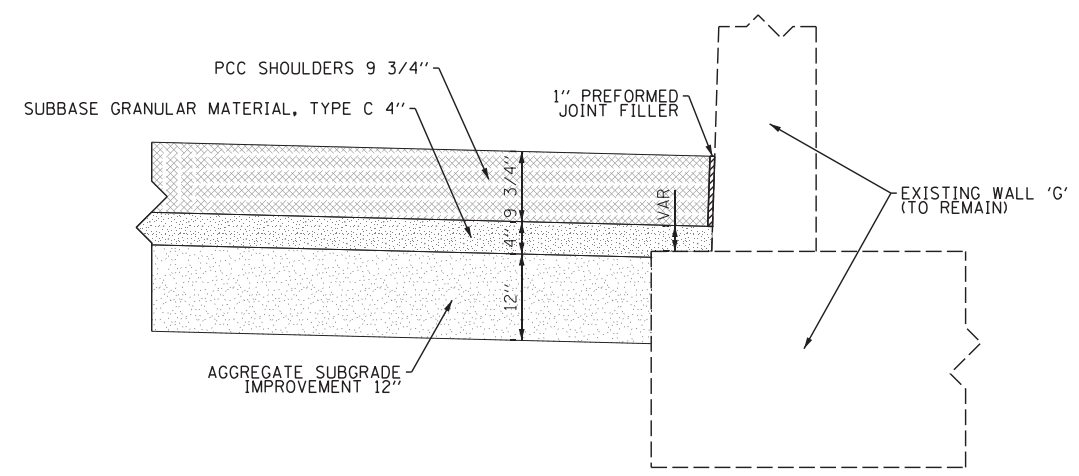
PLAN
SCALE: NONE

NOTES:

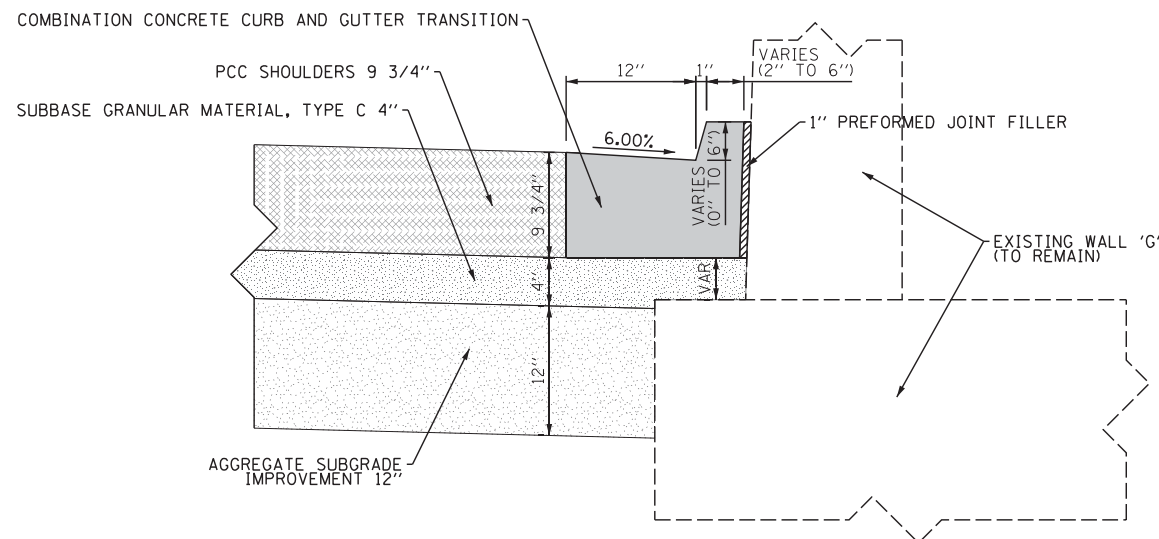
1. COMBINATION CONCRETE CURB AND GUTTER TRANSITION TO BE PAID FOR AS "COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12".
2. 1" PREFORMED JOINT FILLER SHALL BE USED AT ALL JOINTS BETWEEN PROPOSED PCC AND EXISTING PCC ELEMENTS. COST TO BE INCLUDED IN THE COST OF PROPOSED PCC ELEMENTS.
3. FACE OF EXISTING WALL 'G' AND COMB CC&G DIMENSIONS TO BE VERIFIED & REVISED AT DIRECTION OF FIELD ENGINEER IF NECESSARY.
4. TOP EDGE OF GUTTER FLAG SHALL MATCH THE TOP OF SHOULDER ELEVATION.



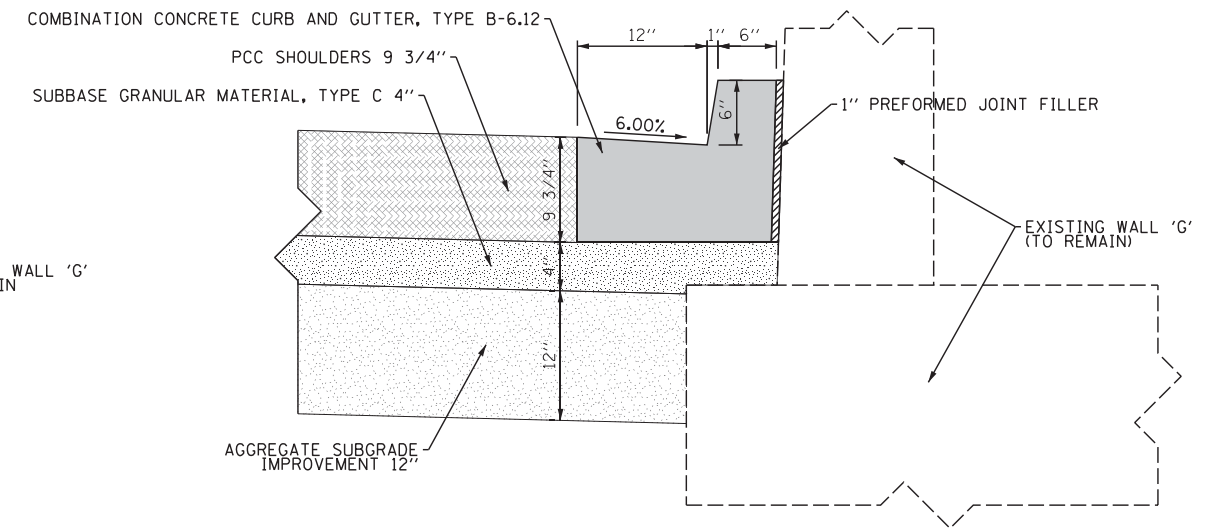
SECTION A-A
STA 205+87.57 TO STA 209+52.92



SECTION B-B
STA 209+52.92 TO STA 209+59.57



SECTION C-C
STA 209+59.57 TO STA 209+69.75



SECTION D-D
STA 209+69.75 TO STA 214+56.18

FILE NAME = D:\60X07-Sht-C-RoadDetails.dgn

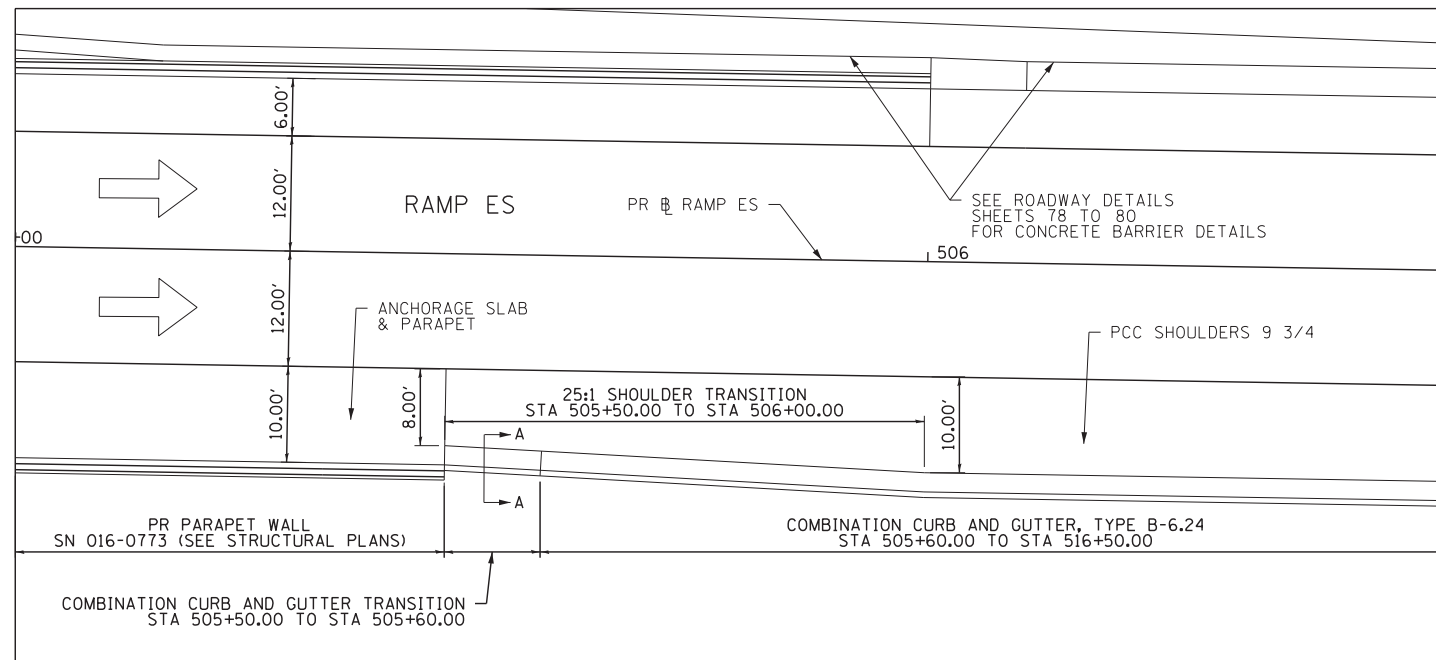


USER NAME = ouyeungh	DESIGNED - CRH	REVISED -
PLOT SCALE = 10.0000' / 1"	DRAWN - NSA	REVISED -
PLOT DATE = 5/22/2015	CHECKED - MJE	REVISED -
	DATE - 5/26/2015	REVISED -

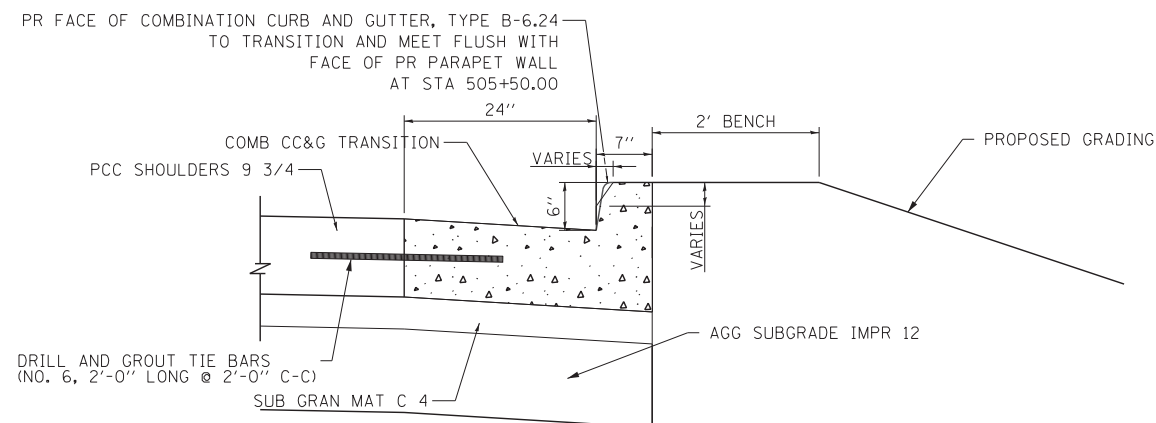
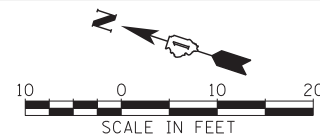
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS		F.A.I. RTE. = 55	SECTION = 2013-049B	COUNTY = COOK	TOTAL SHEETS = 888	SHEET NO. = 82
SCALE:	SHEET NO. 16 OF 19 SHEETS	STA.	TO STA.	CONTRACT NO. 60X07		

ILLINOIS FED. AID PROJECT	
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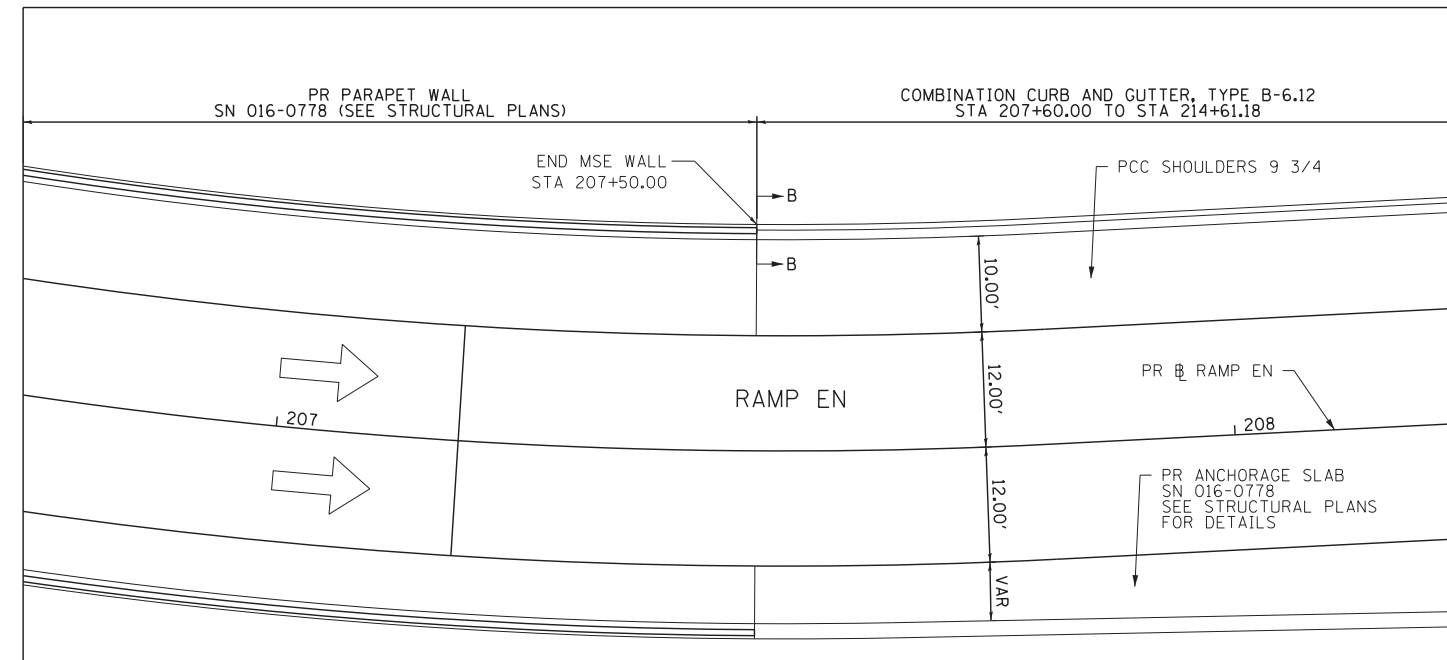
TRANSITION FROM PARAPET TO CURB AND GUTTER
RAMP ES



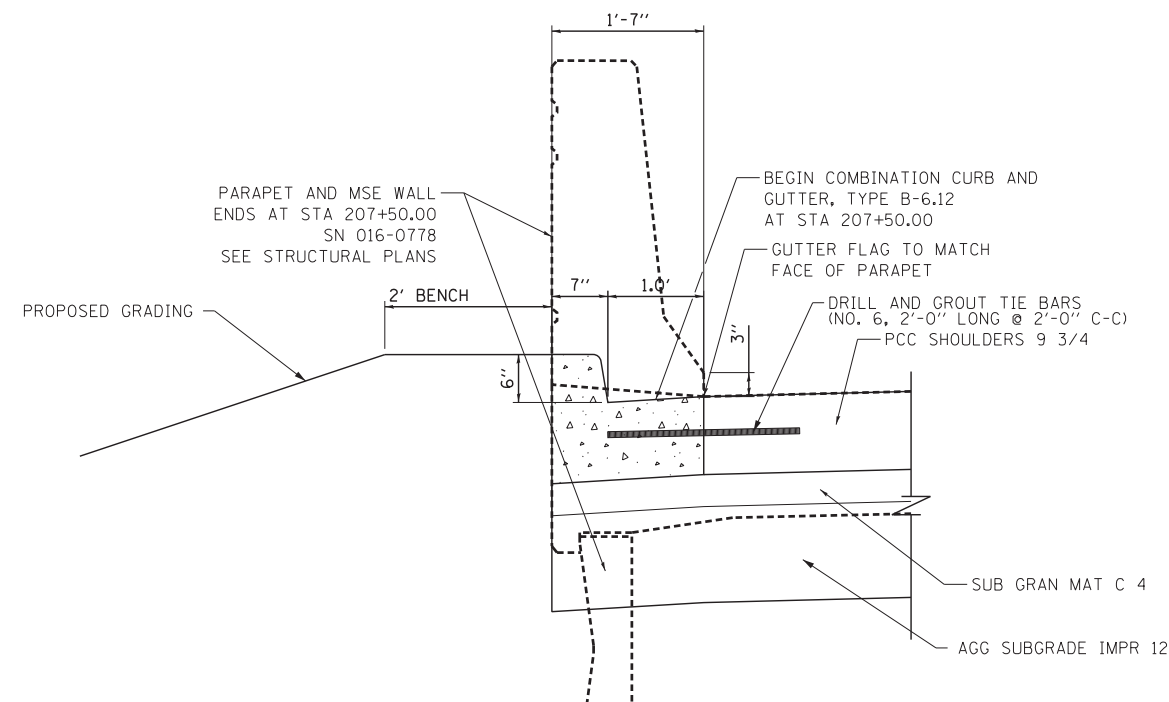
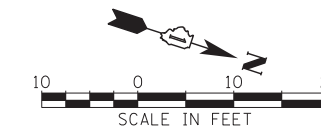
SECTION A-A
COMB CC&G TRANSITION
STA 505+50.00 TO STA 505+60.00

NOTES:

1. TOP EDGE OF GUTTER FLAG SHALL MATCH THE TOP OF SHOULDER ELEVATION.
2. COMBINATION CONCRETE CURB AND GUTTER TRANSITION TO BE PAID FOR AS "COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24".



TRANSITION FROM PARAPET TO CURB AND GUTTER
RAMP EN



SECTION B-B
COMB CC&G TRANSITION
AT STA 207+50.00
LOOKING NORTH

NOTES:

1. TOP EDGE OF GUTTER FLAG SHALL MATCH THE TOP OF SHOULDER ELEVATION.

FILE NAME = D:\60X07-Sht-C-RoadDetails17.dgn



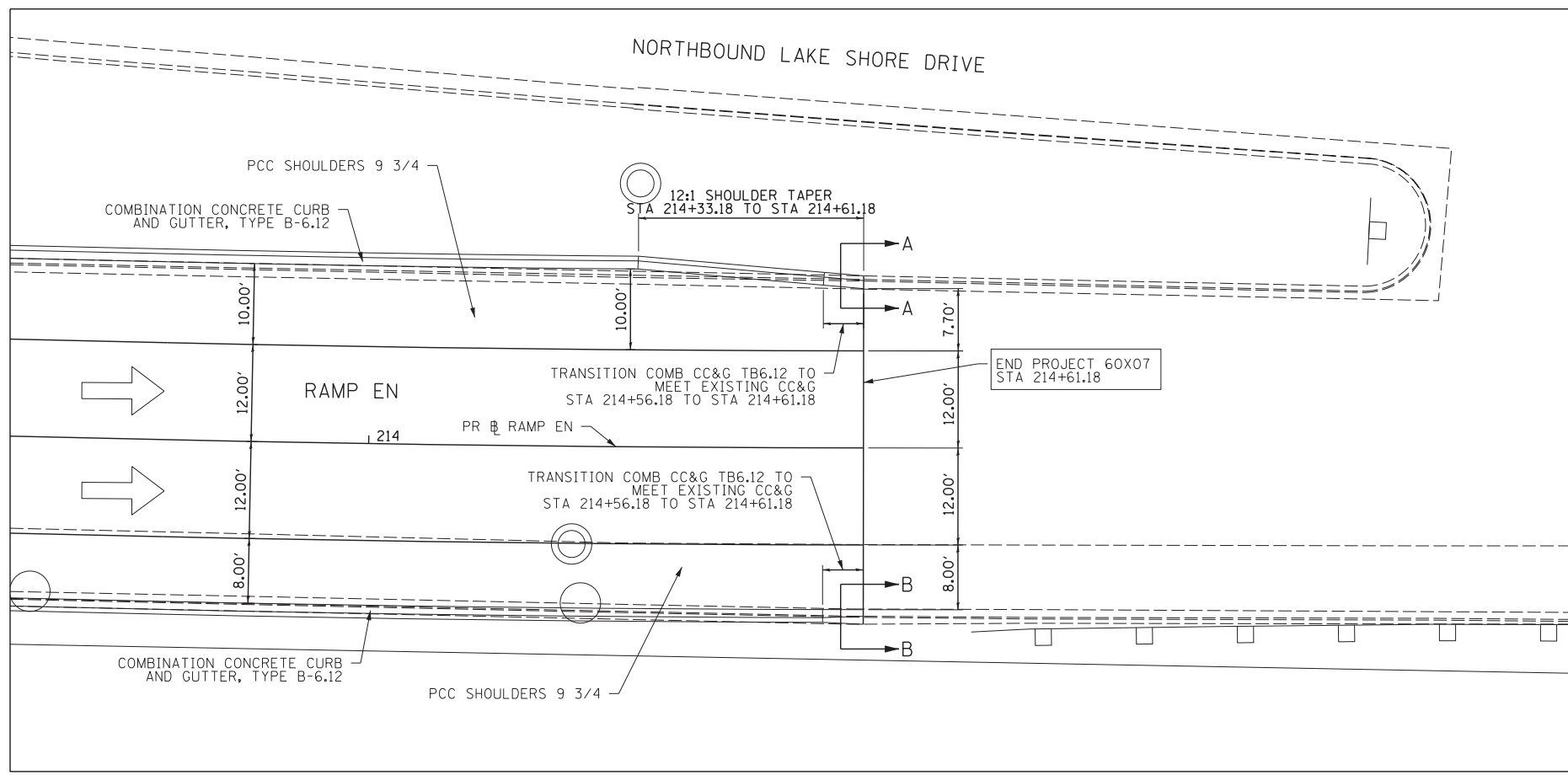
USER NAME = augeungh	DESIGNED - CRH	REVISED -
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PLOT DATE = 5/22/2015	CHECKED - MJE	REVISED -
	DATE - 5/26/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

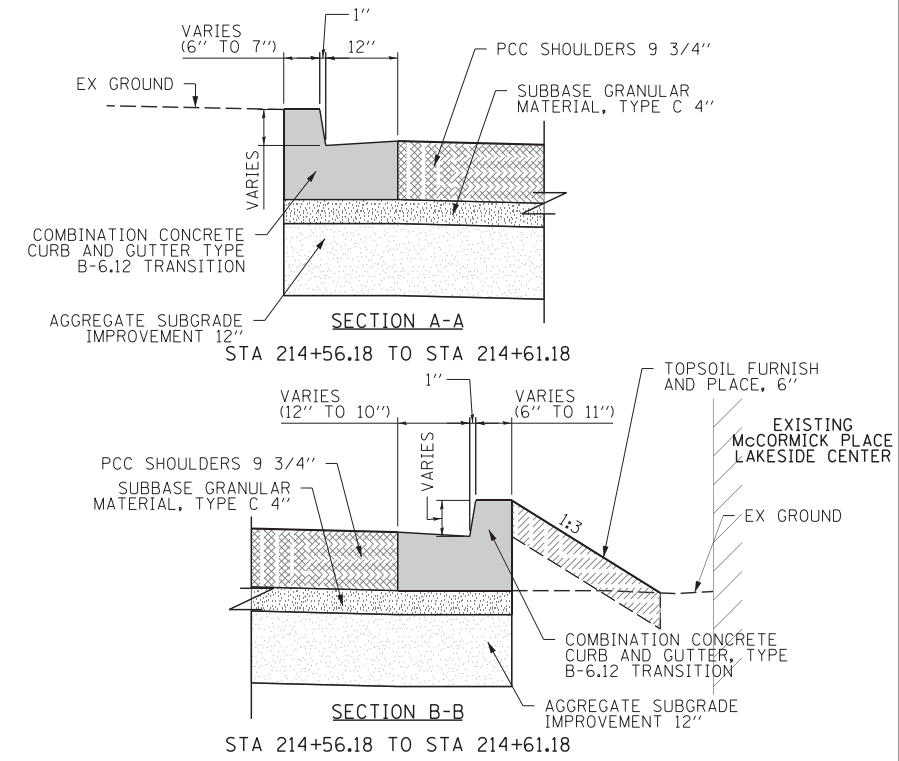
ROADWAY DETAILS
TRANSITION TO CC&G

SCALE SHEET NO. 17 OF 19 SHEETS STA. TO STA.

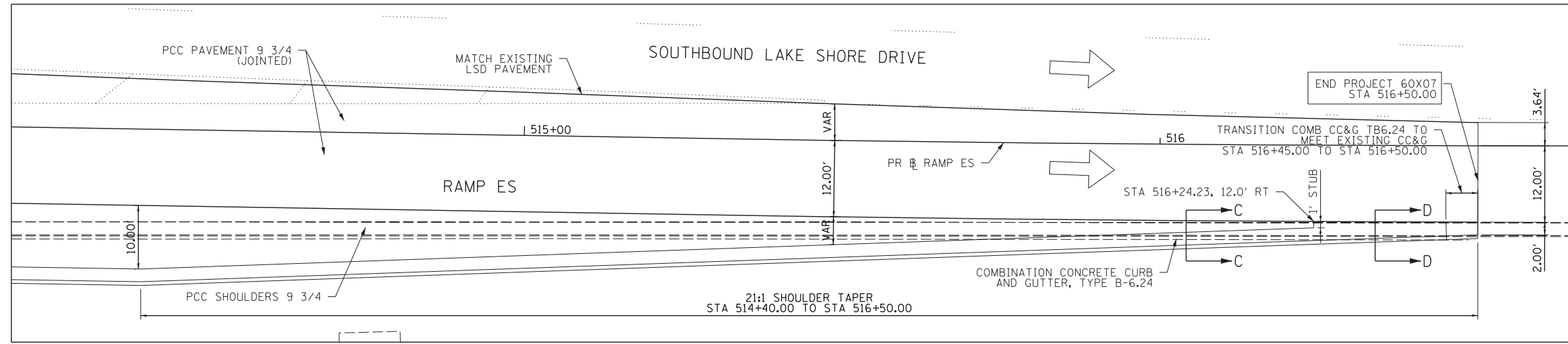
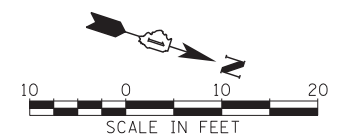
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	888	83
CONTRACT NO. 60X07				
ILLINOIS FED. AID PROJECT				



RAMP EN

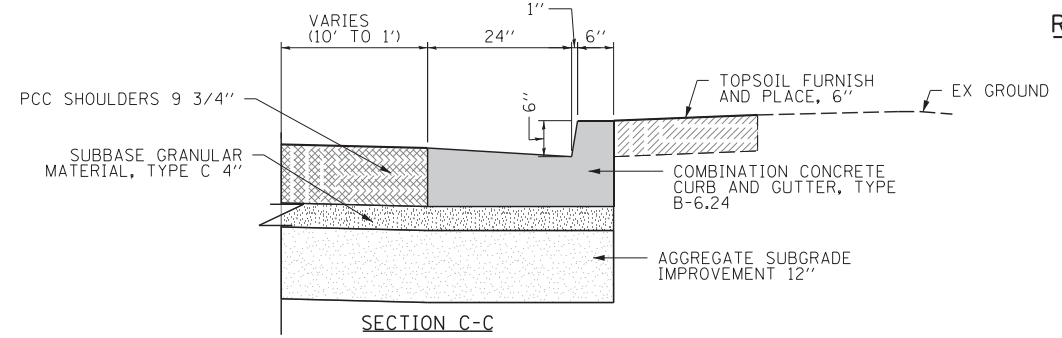


- NOTES:**
1. TOP EDGE OF GUTTER FLAG SHALL MATCH THE TOP OF SHOULDER ELEVATION.
 2. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 TRANSITION TO BE PAID FOR AS "COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12"
 3. EXISTING DIMENSIONS AND ELEVATIONS TO BE VERIFIED IN THE FIELD.

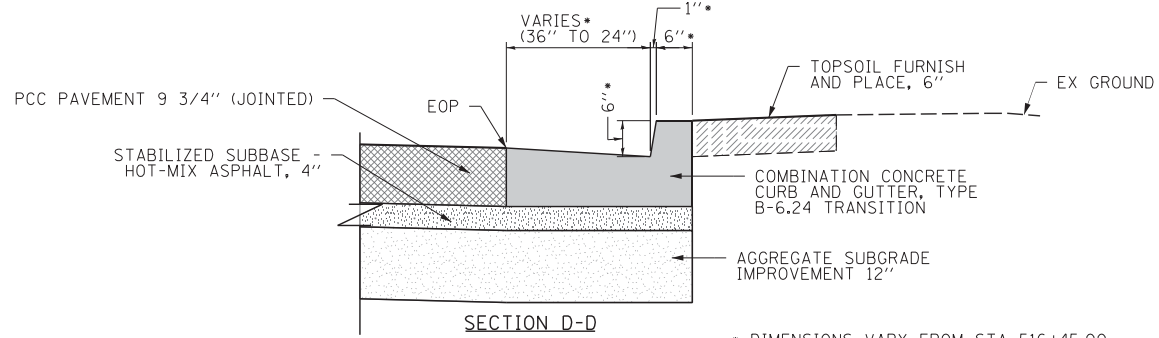


RAMP ES

- NOTES:**
1. TOP EDGE OF GUTTER FLAG SHALL MATCH THE TOP OF SHOULDER ELEVATION.
 2. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 TRANSITION TO BE PAID FOR AS "COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24"
 3. EXISTING DIMENSIONS AND ELEVATIONS TO BE VERIFIED IN THE FIELD.

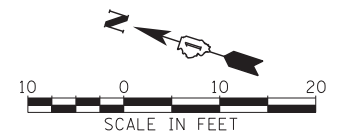


SECTION C-C
STA 514+40.00 TO STA 516+24.23



SECTION D-D
STA 516+24.23 TO STA 516+50.00

* DIMENSIONS VARY FROM STA 516+45.00 TO STA 516+50.00 TO MEET EXISTING



FILE NAME = D:\60X07-Sht-C-RoadDetails18.dgn



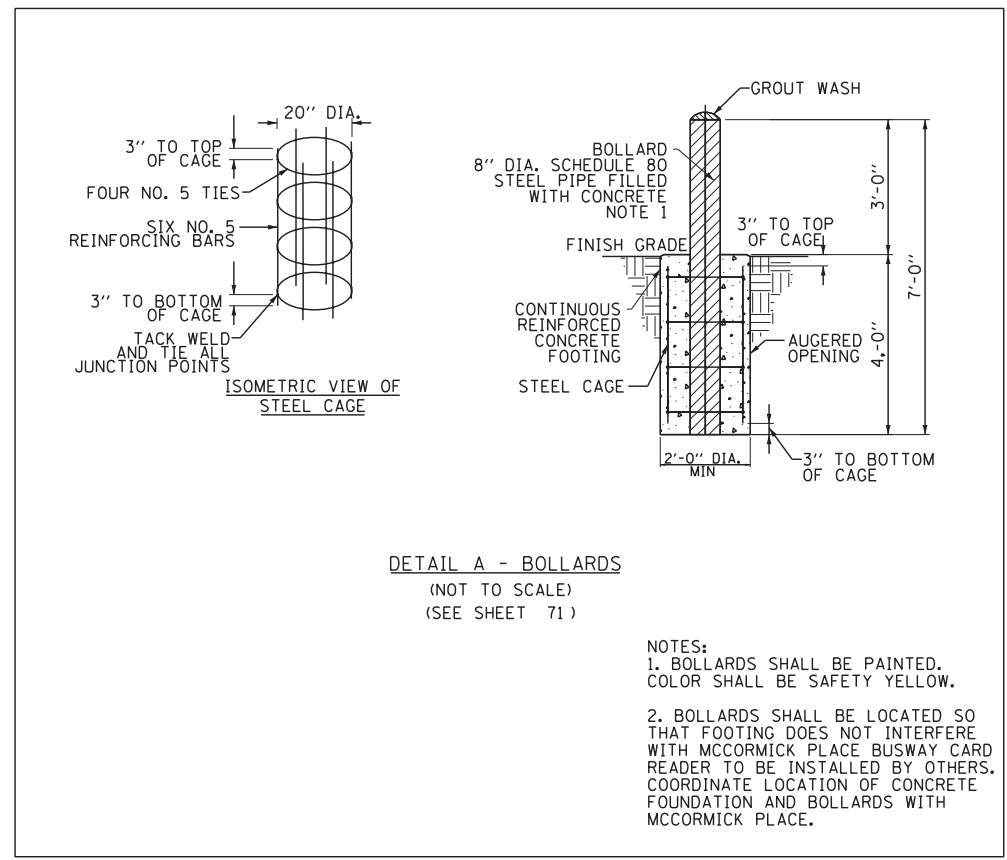
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	DRAWN - NSA	REVISED -
PLOT SCALE = 10.0004' / 1"	CHECKED - MJE	REVISED -
PLOT DATE = 5/22/2015	DATE - 5/26/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS
TRANSITION TO EXISTING CC&G

SCALE	SHEET NO. 18 OF 19 SHEETS	STA.	TO STA.
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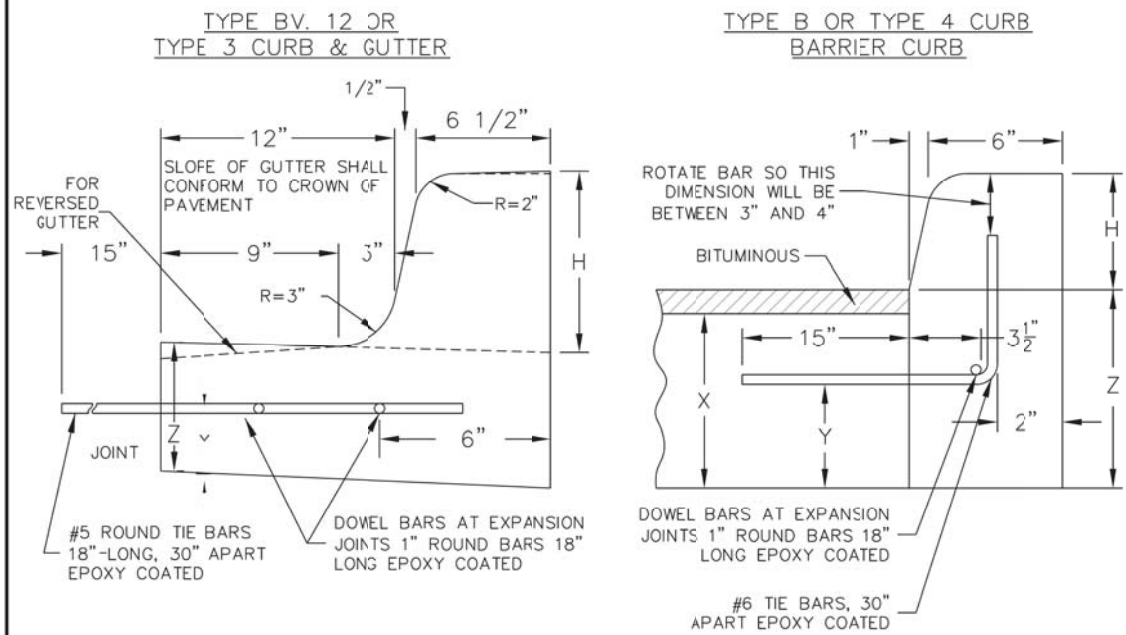
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	888	84
CONTRACT NO. 60X07				
ILLINOIS FED. AID PROJECT				



DETAIL A - BOLLARDS
(NOT TO SCALE)
(SEE SHEET 71)

NOTES:
1. BOLLARDS SHALL BE PAINTED. COLOR SHALL BE SAFETY YELLOW.
2. BOLLARDS SHALL BE LOCATED SO THAT FOOTING DOES NOT INTERFERE WITH MCCORMICK PLACE BUSWAY CARD READER TO BE INSTALLED BY OTHERS. COORDINATE LOCATION OF CONCRETE FOUNDATION AND BOLLARDS WITH MCCORMICK PLACE.

NOTE: H = VARIABLE 3" TO 9"
X = THICKNESS OF PAVEMENT
Y = ONE HALF THE THICKNESS OF CONCRETE PAVEMENT OR CONCRETE BASE.
Z = 10" OR THICKNESS OF PAVEMENT - WHICHEVER IS GREATER



JOINTS IN CURB, COMBINED CURB & GUTTER
TRANSVERSE JOINTS OF A TYPE SIMILAR TO THAT USED IN THE ADJACENT PAVEMENT SHALL BE INSTALLED IN THE CURB, GUTTER AND COMBINED CURB & GUTTER IN PROLONGATION WITH THE JOINTS IN THE PAVEMENT. THE DETAILS OF THE TRANSVERSE JOINTS IN THE CURB, GUTTER AND COMBINED CURB & GUTTER SHALL BE APPROVED BY THE COMMISSIONER. CURB, GUTTER OR COMBINED CURB & GUTTER IS CONSTRUCTED ADJACENT TO A FLEXIBLE BASE PAVEMENT, 1" THICK EXPANSION JOINTS COMPOSED OF BITUMINOUS PERFORMED JOINT FILLER SHALL BE INSTALLED IN THE CURB AND/OR GUTTER AT POINTS OF CURVATURE AND AT CONSTRUCTION JOINTS. CONTRACTION JOINTS SHALL ALSO BE PLACED BETWEEN THESE EXPANSION JOINTS AT DISTANCES NOT EXCEEDING 20 FEET. ALL TIE BARS SHALL BE DEFORMED-ALL DOWEL BARS SHALL BE SMOOTH.

NOTE: ALL TIE BARS AND DOWEL BARS TO BE EPOXY COATED.

*AT LOCATIONS REQUIRING DEPRESSED CURBS SEE THE ADA STANDARDS FOR CONSTRUCTION DETAILS

	DATE	REVISION	CITY OF CHICAGO		
	1/1/2014	REVISION 1	CONCRETE CURB & GUTTER DETAIL		
			DATE	SHEET	DRAWN BY
			12/12/06	A-2-6	CDOT

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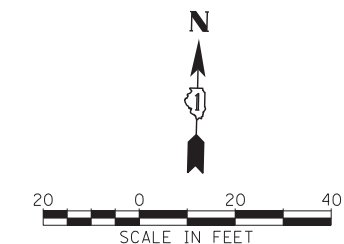
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	DRAWN - DMS	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - MJE	REVISED -
PLOT DATE = 5/24/2015	DATE - 5/26/2015	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS
MCCORMICK PLACE BUSWAY PROPOSED IMPROVEMENTS
SCALE: 1" = 10' SHEET NO. 19 OF 19 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	888	85
CONTRACT NO. 60X07				
ILLINOIS FED. AID PROJECT				

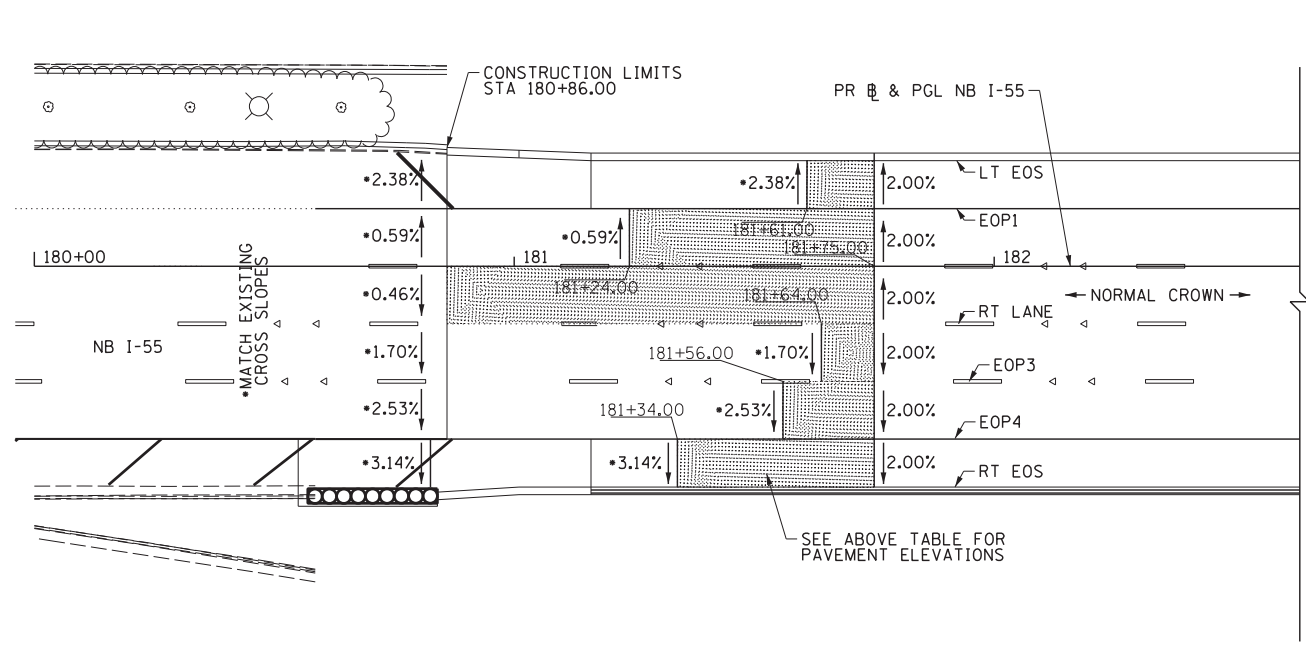
PAVEMENT CROSS SLOPE TRANSITION



PAVEMENT CROSS SLOPE AND ELEVATION TABLE - NB I-55																					
STATION NB I-55	LT ECS			EOP1			PGL			RT LANE			EOP3			EOP4			RT EOS		
	O/S	%	ELEV.	O/S	%	ELEV.	O/S	%	ELEV.	O/S	%	ELEV.	O/S	%	ELEV.	O/S	%	ELEV.	O/S	%	ELEV.
MATCH EXISTING CROSS SLOPES AND ELEVATIONS																					
180+86.00	-23.16	-2.38%	597.01	-12.00	-0.59%	597.28	0.00	N/A	597.35	12.00	-0.46%	597.29	24.00	-1.70%	597.09	36.00	-2.53%	596.79	46.86	-3.14%	596.45
180+96.00	-22.79	-2.38%	596.31	-12.00	-0.59%	596.57	0.00	N/A	596.64	12.00	-0.18%	596.32	24.00	-1.70%	596.41	36.00	-2.53%	596.11	46.30	-3.14%	595.79
181+06.00	-22.42	-2.38%	597.61	-12.00	-0.59%	597.86	0.00	N/A	597.93	12.00	0.09%	597.34	24.00	-1.70%	597.74	36.00	-2.53%	597.43	46.00	-3.14%	597.12
181+16.00	-22.05	-2.38%	597.91	-12.00	-0.59%	598.15	0.00	N/A	598.22	12.00	0.37%	598.26	24.00	-1.70%	598.06	36.00	-2.53%	597.76	46.00	-3.14%	597.44
181+24.00	-22.00	-2.38%	598.14	-12.00	-0.59%	598.38	0.00	N/A	598.45	12.00	0.59%	598.52	24.00	-1.70%	598.32	36.00	-2.53%	598.01	46.00	-3.14%	597.70
181+34.00	-22.00	-2.38%	598.40	-12.00	-0.87%	598.64	0.00	N/A	598.74	12.00	0.87%	598.35	24.00	-1.70%	598.64	36.00	-2.53%	598.34	46.00	-3.14%	598.02
181+44.00	-22.00	-2.38%	598.66	-12.00	-1.14%	598.90	0.00	N/A	599.04	12.00	1.14%	599.17	24.00	-1.70%	598.97	36.00	-2.53%	598.66	46.00	-2.86%	598.38
181+56.00	-22.00	-2.38%	598.97	-12.00	-1.47%	599.21	0.00	N/A	599.39	12.00	1.47%	599.57	24.00	-1.70%	599.36	36.00	-2.53%	599.06	46.00	-2.53%	598.81
181+61.00	-22.00	-2.38%	599.11	-12.00	-1.61%	599.34	0.00	N/A	599.54	12.00	1.61%	599.73	24.00	-1.70%	599.53	36.00	-2.39%	599.24	46.00	-2.39%	599.00
181+64.00	-22.00	-2.30%	599.19	-12.00	-1.70%	599.42	0.00	N/A	599.63	12.00	1.70%	599.33	24.00	-1.70%	599.63	36.00	-2.31%	599.35	46.00	-2.31%	599.12
181+75.00	-22.00	-2.00%	599.52	-12.00	-2.00%	599.72	0.00	N/A	599.96	12.00	2.00%	600.20	24.00	-2.00%	599.96	36.00	-2.00%	599.72	46.00	-2.00%	599.52

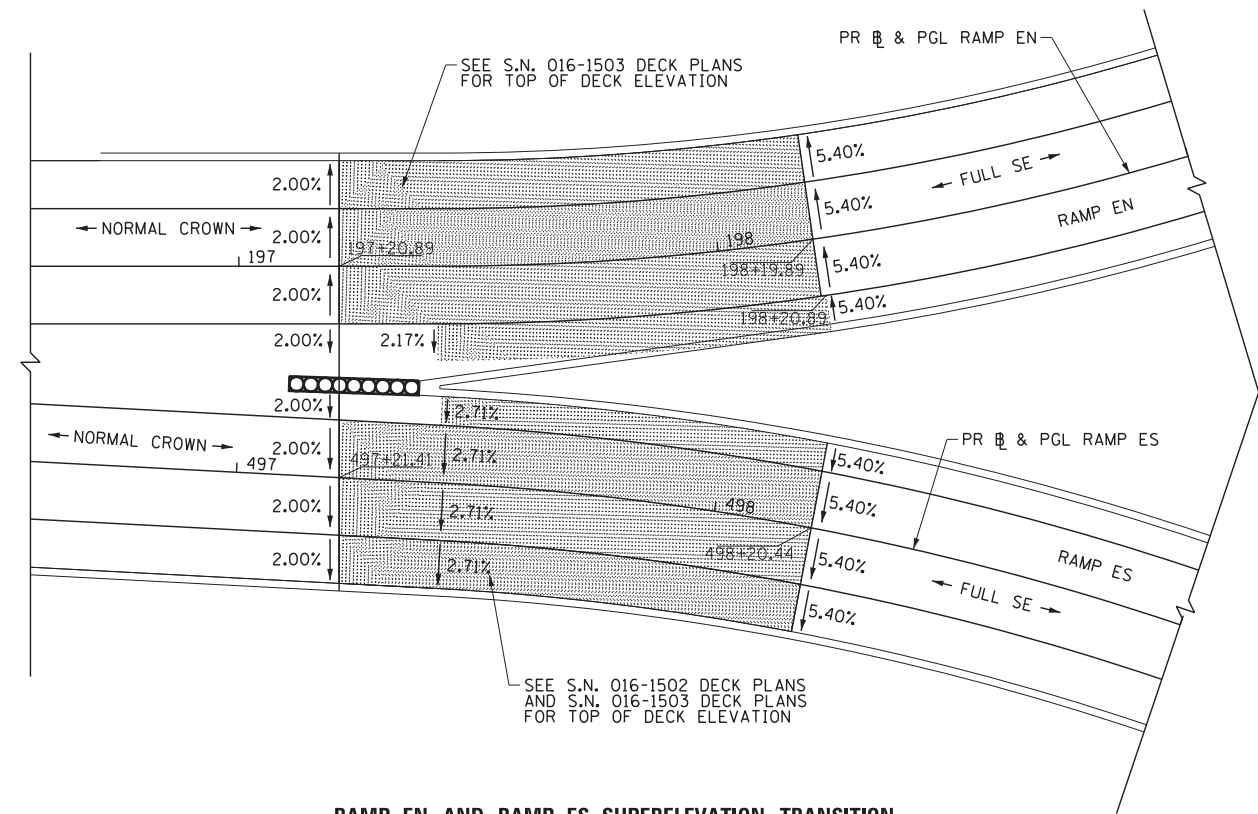
BEGIN NORMAL CROWN - SEE PROFILE SHEETS FOR PGL ELEVATIONS

PAVEMENT CROSS SLOPE TRANSITION



NB I-55 SUPERELEVATION TRANSITION FROM EXISTING TO NORMAL CROWN

NOTE:
PROPOSED NORMAL CROWN SHOULD MATCH EXISTING NORMAL CROWN - TO BE VERIFIED AND ADJUSTED IN THE FIELD.



RAMP EN AND RAMP ES SUPERELEVATION TRANSITION FROM NORMAL CROWN TO FULL SUPERELEVATION

FILE NAME = D:\60X07-Sht-SE\Detail\01.dgn



USER NAME = augeungh	DESIGNED - CRH	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - DMS	REVISED -
PLOT DATE = 5/22/2015	CHECKED - MJE	REVISED -
	DATE - 5/26/2015	REVISED -

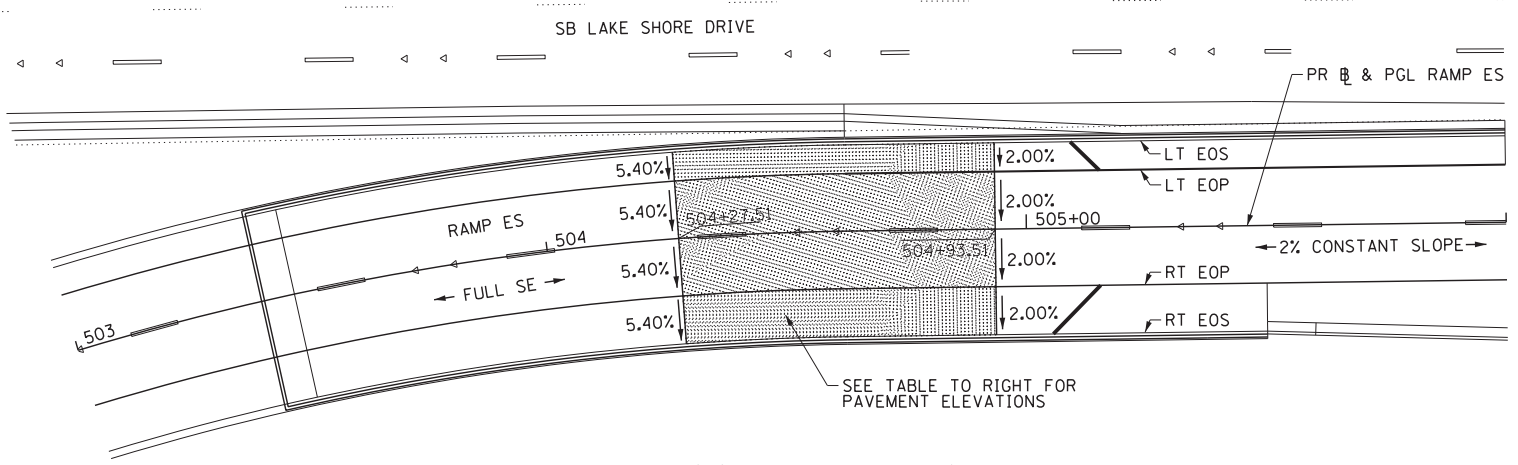
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 1" = 20'		SHEET NO. 1 OF 2 SHEETS		STA. TO STA.	
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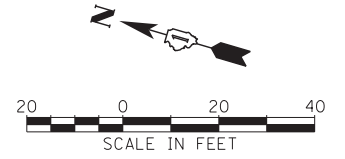
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	888	86
CONTRACT NO. 60X07				
ILLINOIS FED. AID PROJECT				

NOTE: SUPERELEVATION INFORMATION ON STRUCTURE SHOWN FOR INFORMATION ONLY

PAVEMENT CROSS SLOPE TRANSITION



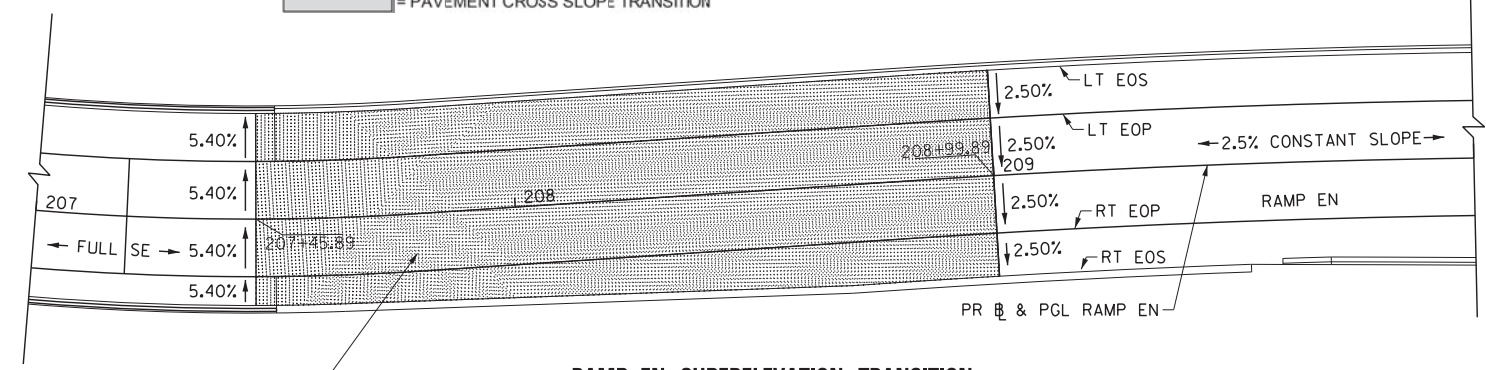
STATION	LT EOS			LT EOP			PGL			RT EOP			RT EOS		
	RAMP ES	O/S	%	O/S	%	ELEV.	O/S	%	ELEV.	O/S	%	ELEV.	O/S	%	ELEV.
FULL SUPERELEVATION - SEE PROFILE SHEETS FOR PGL ELEVATIONS															
504+27.51	-18.00	5.40%	603.76	-12.00	5.40%	603.43	0.00	N/A	602.78	12.00	-5.40%	602.14	22.00	-5.40%	601.60
504+37.51	-18.00	4.88%	603.20	-12.00	4.88%	602.91	0.00	N/A	602.32	12.00	-4.88%	601.74	22.00	-4.88%	601.25
504+47.51	-18.00	4.37%	602.65	-12.00	4.37%	602.38	0.00	N/A	601.86	12.00	-4.37%	601.34	22.00	-4.37%	600.90
504+57.51	-18.00	3.85%	602.09	-12.00	3.85%	601.86	0.00	N/A	601.40	12.00	-3.85%	600.94	22.00	-3.85%	600.55
504+67.51	-18.00	3.34%	601.54	-12.00	3.34%	601.34	0.00	N/A	600.94	12.00	-3.34%	600.54	22.00	-3.34%	600.20
504+77.51	-18.00	2.82%	600.98	-12.00	2.82%	600.81	0.00	N/A	600.47	12.00	-2.82%	600.13	22.00	-2.82%	599.85
504+87.51	-18.00	2.31%	600.43	-12.00	2.31%	600.29	0.00	N/A	600.01	12.00	-2.31%	599.73	22.00	-2.31%	599.50
504+93.51	-18.00	2.00%	600.09	-12.00	2.00%	599.97	0.00	N/A	599.73	12.00	-2.00%	599.49	22.00	-2.00%	599.29



RAMP ES SUPERELEVATION TRANSITION FROM FULL SUPER ELEVATION TO CONSTANT 2% CROSS SLOPE

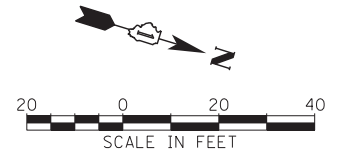
PAVEMENT CROSS SLOPE TRANSITION

STATION	LT EOS			LT EOP			PGL			RT EOP			RT EOS		
	RAMP EN	O/S	%	O/S	%	ELEV.	O/S	%	ELEV.	O/S	%	ELEV.	O/S	%	ELEV.
FULL SUPERELEVATION - SEE PROFILE SHEETS FOR PGL ELEVATIONS															
207+45.89	-22.00	-5.40%	603.52	-12.00	-5.40%	604.06	0.00	N/A	604.71	12.00	5.40%	605.36	18.00	5.40%	605.68
207+55.89	-22.00	-4.89%	603.40	-12.00	-4.89%	603.89	0.00	N/A	604.47	12.00	4.89%	605.06	18.00	4.89%	605.35
207+65.89	-22.00	-4.37%	603.27	-12.00	-4.37%	603.71	0.00	N/A	604.24	12.00	4.37%	604.76	18.00	4.37%	605.02
207+75.89	-22.00	-3.86%	603.15	-12.00	-3.86%	603.54	0.00	N/A	604.00	12.00	3.86%	604.46	18.14	3.86%	604.70
207+85.89	-22.00	-3.35%	603.03	-12.00	-3.35%	603.36	0.00	N/A	603.76	12.00	3.35%	604.17	18.43	3.35%	604.38
207+95.89	-22.00	-2.84%	602.90	-12.00	-2.84%	603.19	0.00	N/A	603.53	12.00	2.84%	603.87	18.74	2.84%	604.06
208+05.89	-22.00	-2.32%	602.78	-12.00	-2.32%	603.01	0.00	N/A	603.29	12.00	2.32%	603.57	19.05	2.32%	603.73
208+15.89	-22.00	-1.81%	602.66	-12.00	-1.81%	602.84	0.00	N/A	603.06	12.00	1.81%	603.27	19.36	1.81%	603.41
208+25.89	-22.00	-1.30%	602.54	-12.00	-1.30%	602.67	0.00	N/A	602.83	12.00	1.30%	602.98	19.56	1.30%	603.08
208+35.89	-22.00	-0.78%	602.43	-12.00	-0.78%	602.51	0.00	N/A	602.61	12.00	0.78%	602.70	19.98	0.78%	602.76
208+45.89	-22.00	-0.27%	602.33	-12.00	-0.27%	602.36	0.00	N/A	602.39	12.00	0.27%	602.42	20.29	0.27%	602.44
208+55.89	-22.00	0.24%	602.23	-12.00	0.24%	602.21	0.00	N/A	602.18	12.00	-0.24%	602.15	20.59	-0.24%	602.13
208+65.89	-22.00	0.76%	602.14	-12.00	0.76%	602.06	0.00	N/A	601.97	12.00	-0.76%	601.88	20.90	-0.76%	601.81
208+75.89	-22.00	1.27%	602.05	-12.00	1.27%	601.93	0.00	N/A	601.77	12.00	-1.27%	601.62	21.00	-1.27%	601.51
208+85.89	-22.00	1.78%	601.97	-12.00	1.78%	601.80	0.00	N/A	601.58	12.00	-1.78%	601.37	21.00	-1.78%	601.21
208+95.89	-22.00	2.29%	601.90	-12.00	2.29%	601.67	0.00	N/A	601.40	12.00	-2.29%	601.12	21.00	-2.29%	600.91
208+99.89	-22.00	2.50%	601.87	-12.00	2.50%	601.62	0.00	N/A	601.32	12.00	-2.50%	601.02	21.00	-2.50%	600.80

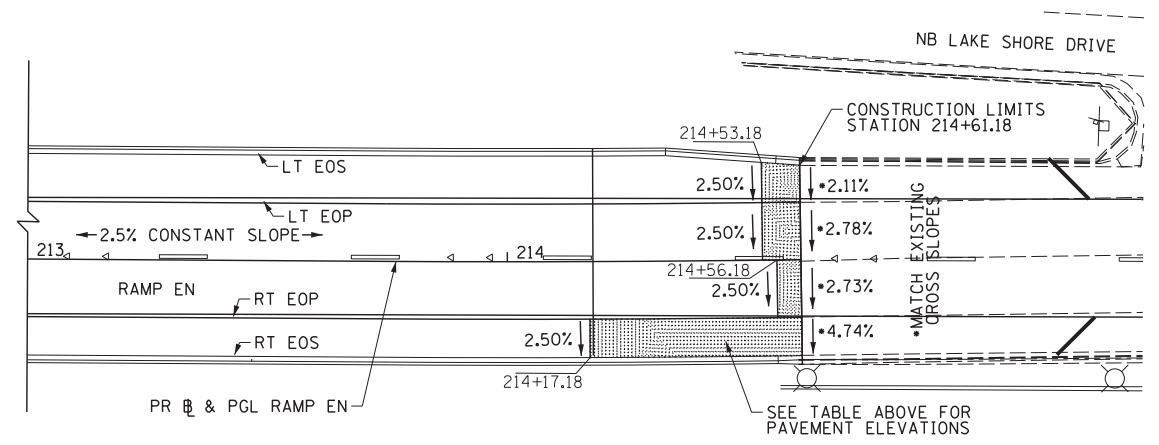


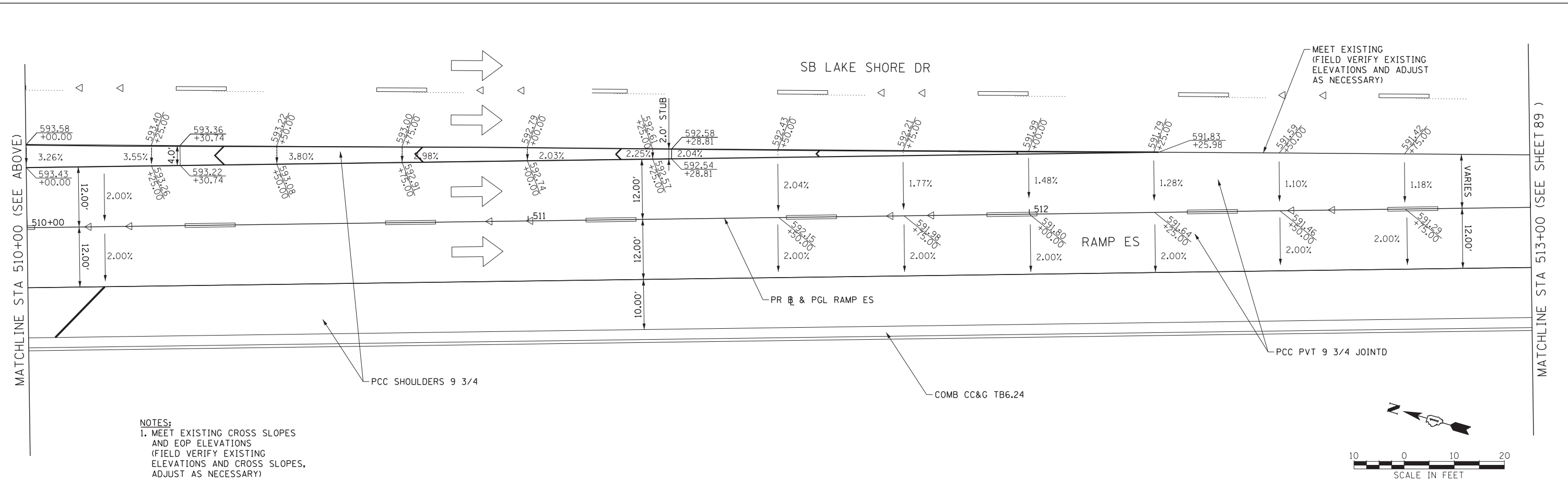
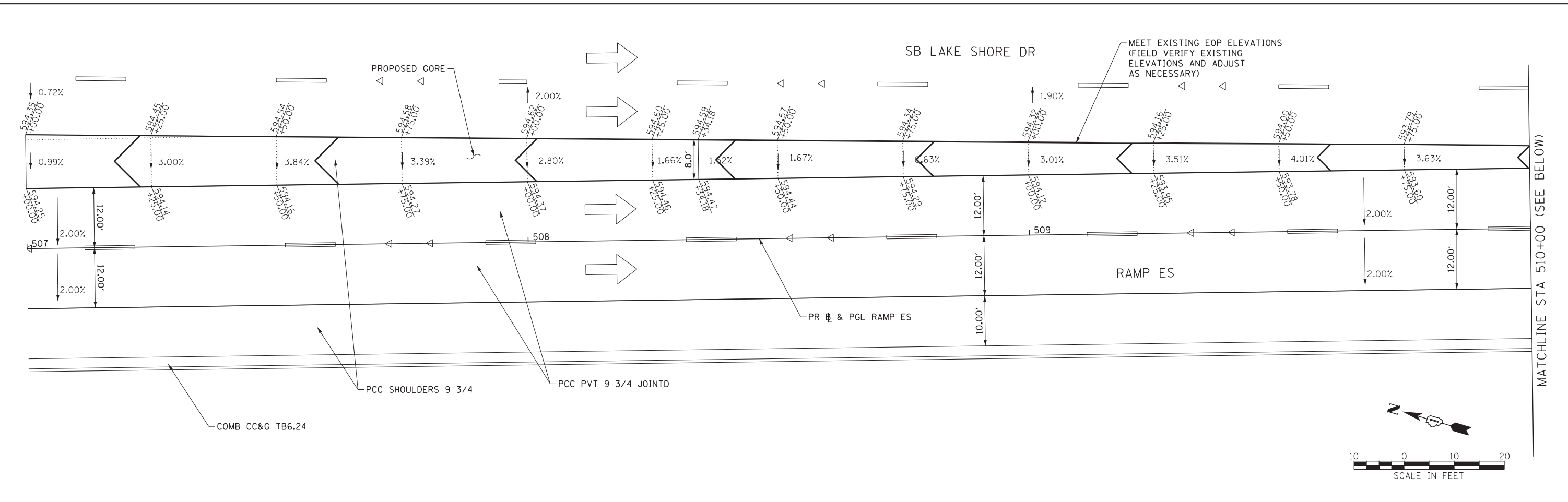
RAMP EN SUPERELEVATION TRANSITION FROM FULL SUPERELEVATION TO 2.5% CONSTANT CROSS SLOPE

STATION	LT EOS			LT EOP			PGL			RT EOP			RT EOS		
	RAMP EN	O/S	%	O/S	%	ELEV.	O/S	%	ELEV.	O/S	%	ELEV.	O/S	%	ELEV.
2.5% CONSTANT CROSS SLOPE - SEE PROFILE SHEETS FOR PGL ELEVATIONS															
214+7.18	-22.00	2.50%	600.72	-12.00	2.50%	600.47	0.00	N/A	600.17	12.00	-2.50%	599.87	20.00	-2.50%	599.67
214+17.18	-22.00	2.50%	600.83	-12.00	2.50%	600.58	0.00	N/A	600.28	12.00	-2.50%	599.98	20.00	-3.0%	599.74
214+37.18	-21.68	2.50%	600.93	-12.00	2.50%	600.69	0.00	N/A	600.39	12.00	-2.50%	600.09	20.00	-3.52%	599.81
214+47.18	-20.87	2.50%	601.02	-12.00	2.50%	600.80	0.00	N/A	600.50	12.00	-2.50%	600.20	20.00	-4.03%	599.88
214+53.18	-20.38	2.50%	601.07	-12.00	2.50%	600.86	0.00	N/A	600.56	12.00	-2.50%	600.26	20.00	-4.33%	599.92
214+56.18	-20.13	2.35%	601.10	-12.00	2.61%	600.91	0.00	N/A	600.60	12.00	-2.50%	600.30	20.00	-4.49%	599.94
214+61.18	-19.70	2.11%	601.15	-12.00	2.78%	600.98	0.00	N/A	600.65	12.00	-2.73%	600.32	20.00	-4.74%	599.94



RAMP EN SUPERELEVATION TRANSITION FROM CONSTANT 2.5% CROSS SLOPE TO EXISTING





NOTES:
 1. MEET EXISTING CROSS SLOPES AND EOP ELEVATIONS (FIELD VERIFY EXISTING ELEVATIONS AND CROSS SLOPES, ADJUST AS NECESSARY)

FILE NAME = D:\60X07-5ht-Cor-eGrading\ludgn



USER NAME = augeungh
 DESIGNED - CRH
 DRAWN - DMS
 PLOT SCALE = 10.0000' / 1" IN.
 CHECKED - MJE
 PLOT DATE = 5/22/2015

DESIGNED - CRH
 DRAWN - DMS
 CHECKED - MJE
 DATE - 5/26/2015

REVISED -
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 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

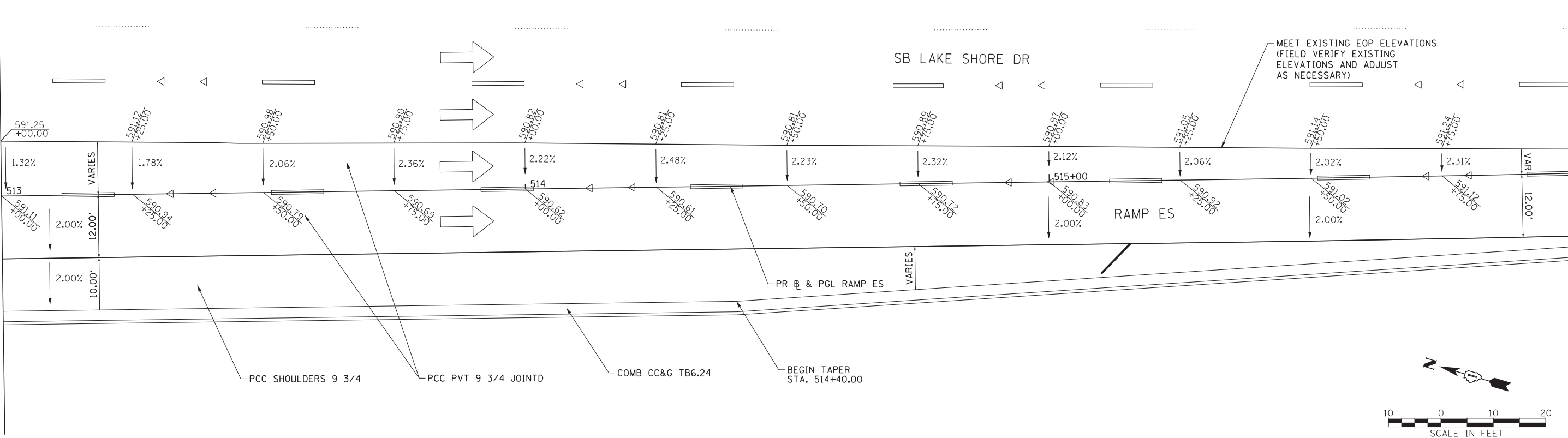
GORE GRADING DETAILS
 RAMP ES

SCALE: 1" = 10' SHEET NO. 1 OF 2 SHEETS STA. TO STA.

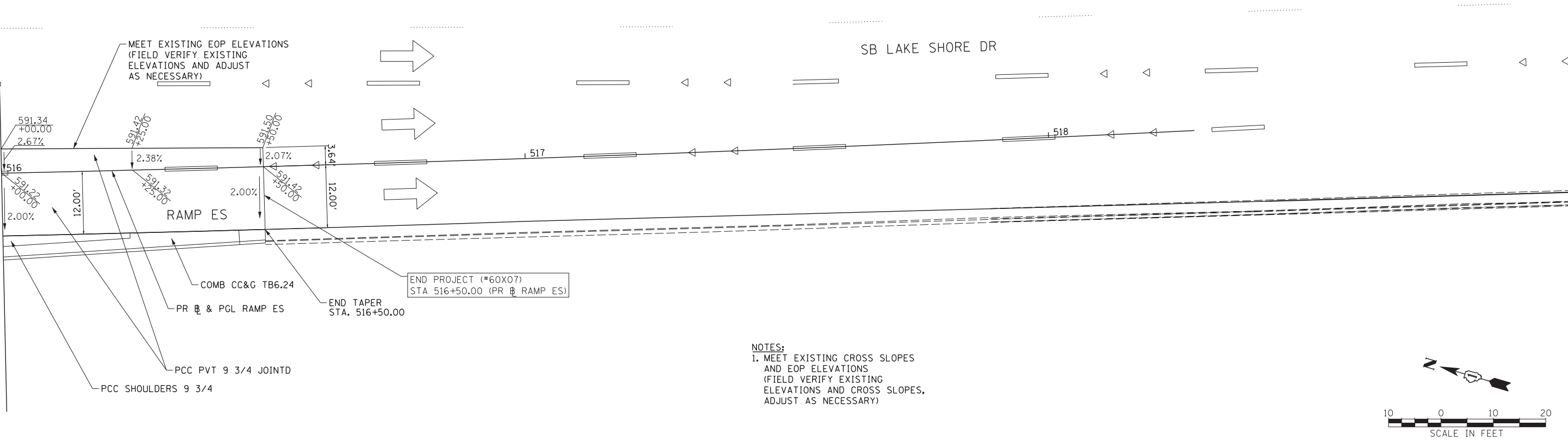
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	888	88
CONTRACT NO. 60X07				
ILLINOIS FED. AID PROJECT				

MATCHLINE STA 513+00 (SEE SHEET 88)

MATCHLINE STA 513+00 SEE BELOW



MATCHLINE STA 510+00 (SEE ABOVE)



NOTES:
 1. MEET EXISTING CROSS SLOPES AND EOP ELEVATIONS (FIELD VERIFY EXISTING ELEVATIONS AND CROSS SLOPES, ADJUST AS NECESSARY)

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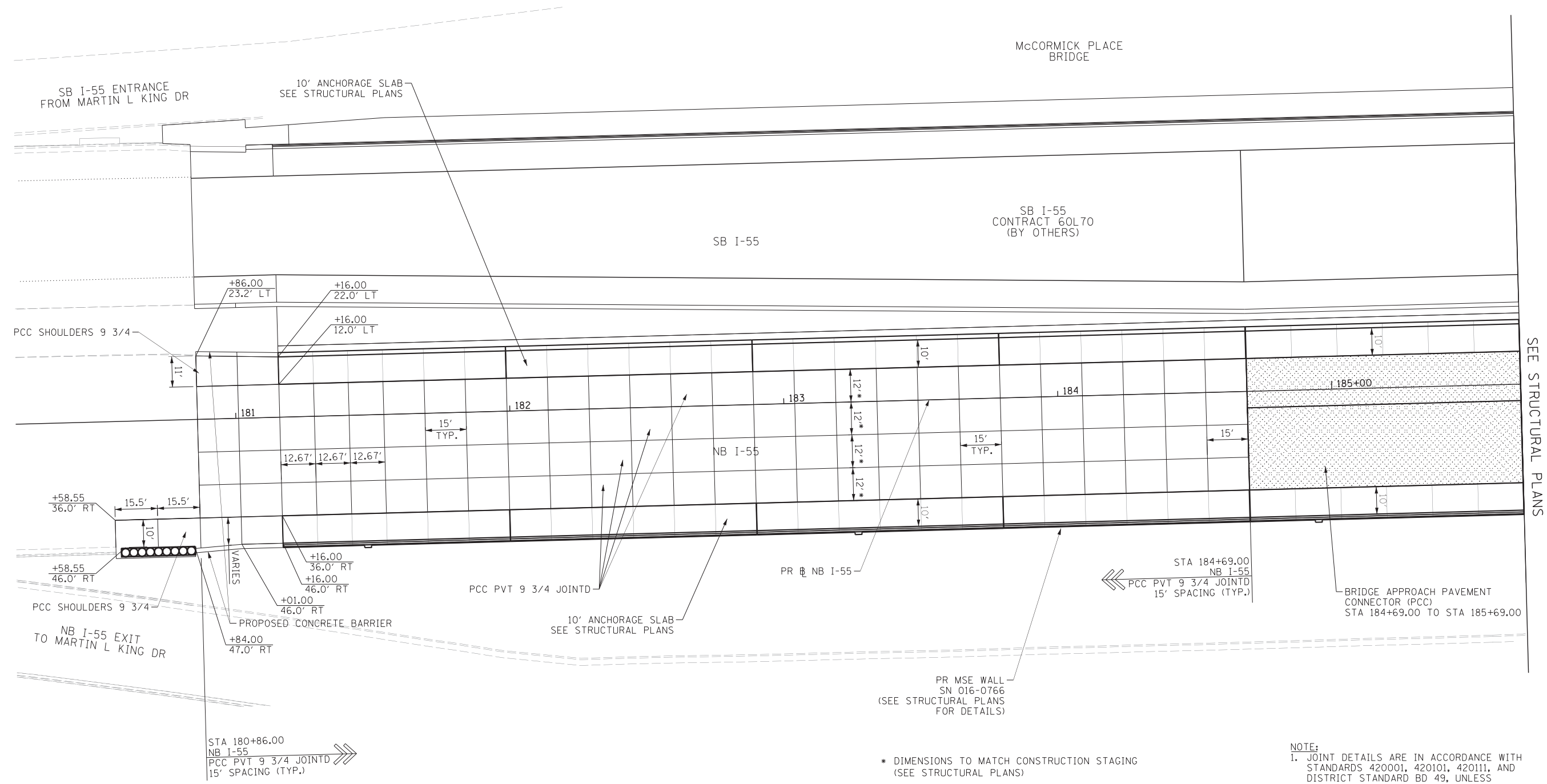
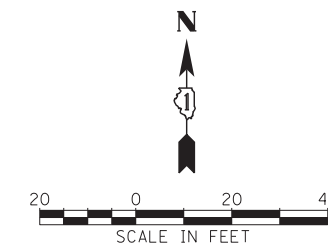


USER NAME = ouyeungh	DESIGNED - CRH	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - DMS	REVISED -
PLOT DATE = 5/22/2015	CHECKED - MJE	REVISED -
	DATE - 5/26/2015	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

GORE GRADING DETAILS	
RAMP ES	
SCALE: 1" = 10'	SHEET NO. 2 OF 2 SHEETS
STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	888	89
CONTRACT NO. 60X07				
ILLINOIS FED. AID PROJECT				



SEE STRUCTURAL PLANS

* DIMENSIONS TO MATCH CONSTRUCTION STAGING
(SEE STRUCTURAL PLANS)

NOTE:
1. JOINT DETAILS ARE IN ACCORDANCE WITH STANDARDS 420001, 420101, 420111, AND DISTRICT STANDARD BD 49, UNLESS OTHERWISE NOTED.

FILE NAME = D:\60X07-Sht-Corridor\JointingPCCDetail.dgn

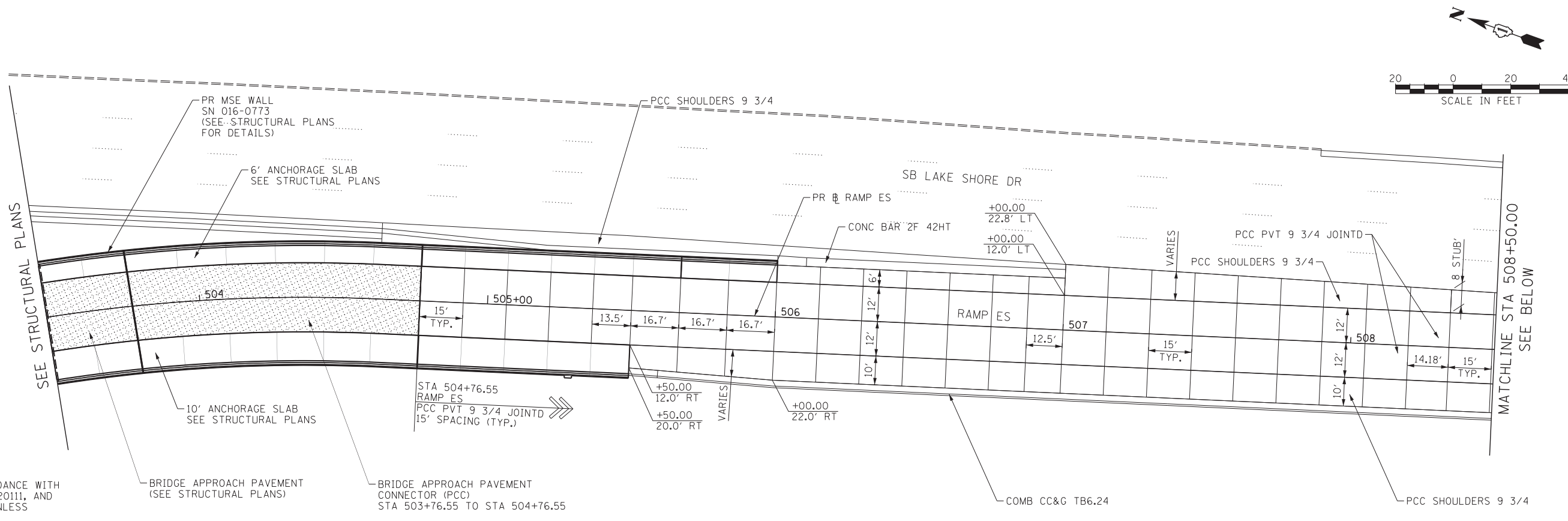


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	DRAWN - NSA	REVISED -
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PLOT DATE = 5/22/2015	DATE - 5/26/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

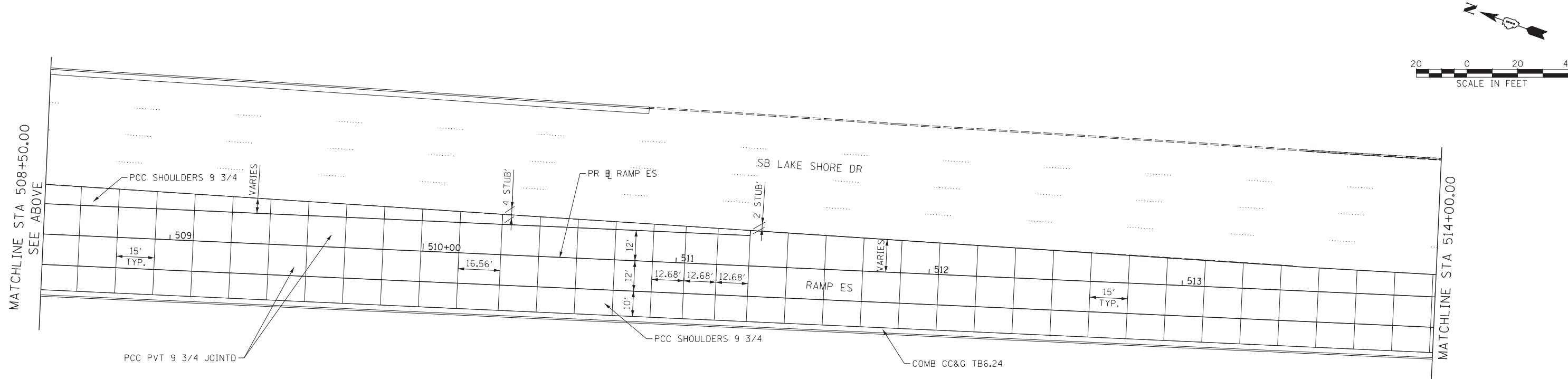
JOINTING AND PCC PAVEMENT DETAIL PLANS NB I-55			
SCALE: 1"=20'	SHEET NO. 1 OF 4 SHEETS	STA. 180+58.55 TO STA. 184+69.00	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	888	90
CONTRACT NO. 60X07				
ILLINOIS FED. AID PROJECT				



NOTE:
1. JOINT DETAILS ARE IN ACCORDANCE WITH STANDARDS 420001, 420101, 420111, AND DISTRICT STANDARD BD 49, UNLESS OTHERWISE NOTED.

BRIDGE APPROACH PAVEMENT (SEE STRUCTURAL PLANS)
BRIDGE APPROACH PAVEMENT CONNECTOR (PCC) STA 503+76.55 TO STA 504+76.55



NOTE:
1. JOINT DETAILS ARE IN ACCORDANCE WITH STANDARDS 420001, 420101, 420111, AND DISTRICT STANDARD BD 49, UNLESS OTHERWISE NOTED.

FILE NAME = D:\60X07-5ht-JointingPCCDetail102.dgn



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PLOT SCALE = 20.0000' / in.
PLOT DATE = 5/22/2015

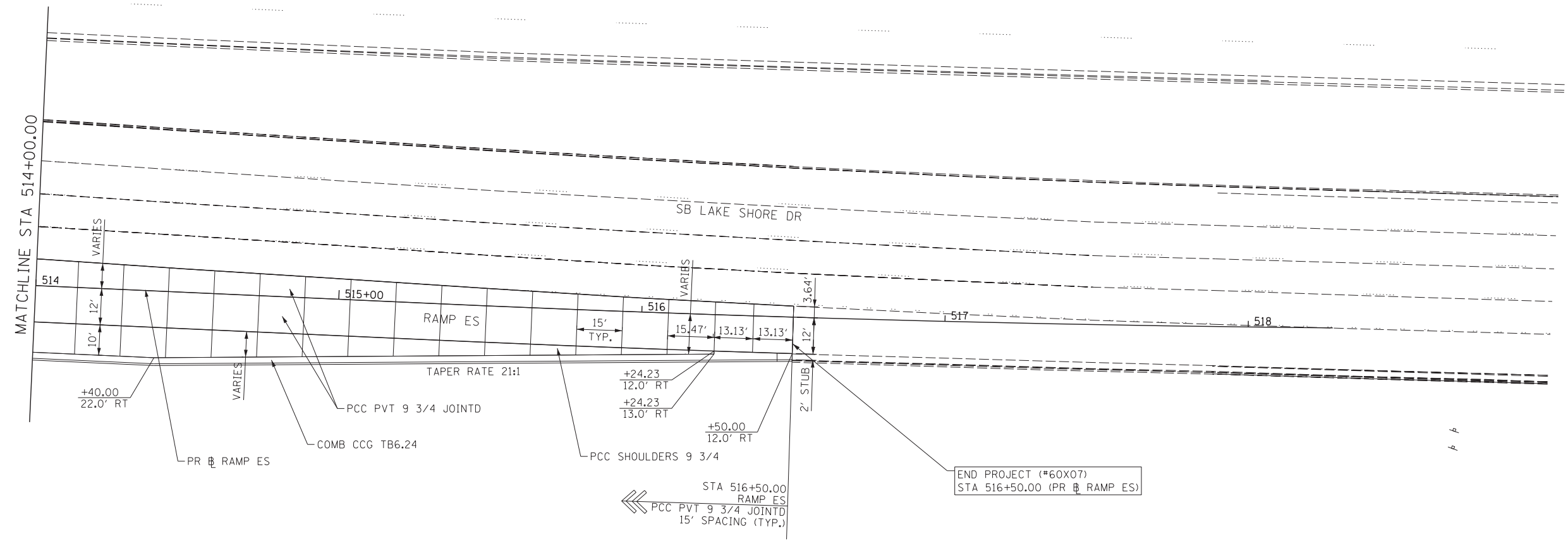
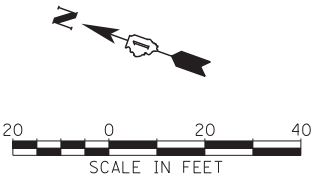
DESIGNED - WBS	REVISED -
DRAWN - WBS	REVISED -
CHECKED - MJE	REVISED -
DATE - 5/26/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOINTING AND PCC PAVEMENT DETAIL PLANS
RAMP ES

SCALE: 1"=20' SHEET NO. 2 OF 4 SHEETS STA. 507+37.35 TO STA. 514+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	888	91
CONTRACT NO. 60X07				
ILLINOIS FED. AID PROJECT				



NOTE:
 1. JOINT DETAILS ARE IN ACCORDANCE WITH STANDARDS 420001, 420101, 420111, AND DISTRICT STANDARD BD 49, UNLESS OTHERWISE NOTED.

FILE NAME = D:\60X07-Sht-C-JointingPCCDetail103.dgn



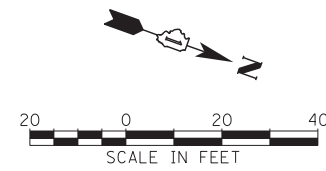
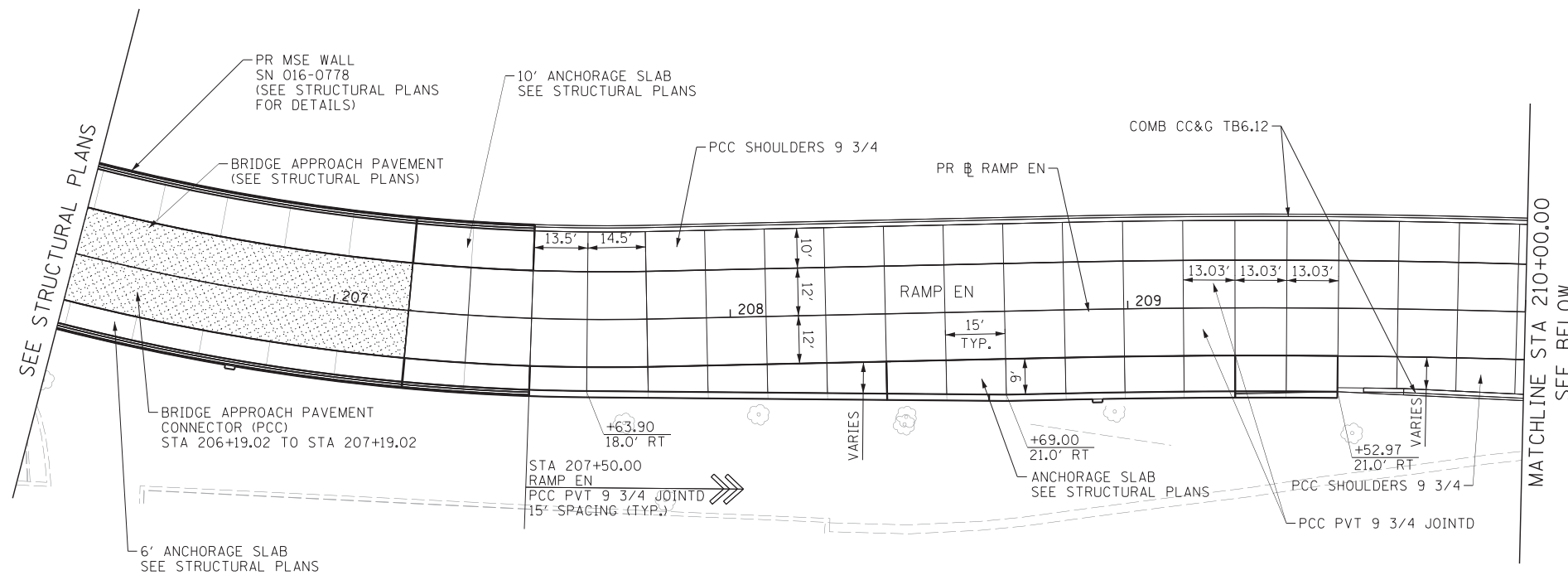
USER NAME = ouyeungh	DESIGNED - WBS	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - WBS	REVISED -
PLOT DATE = 5/22/2015	CHECKED - MJE	REVISED -
	DATE - 5/26/2015	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

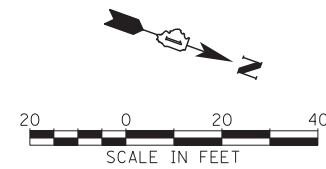
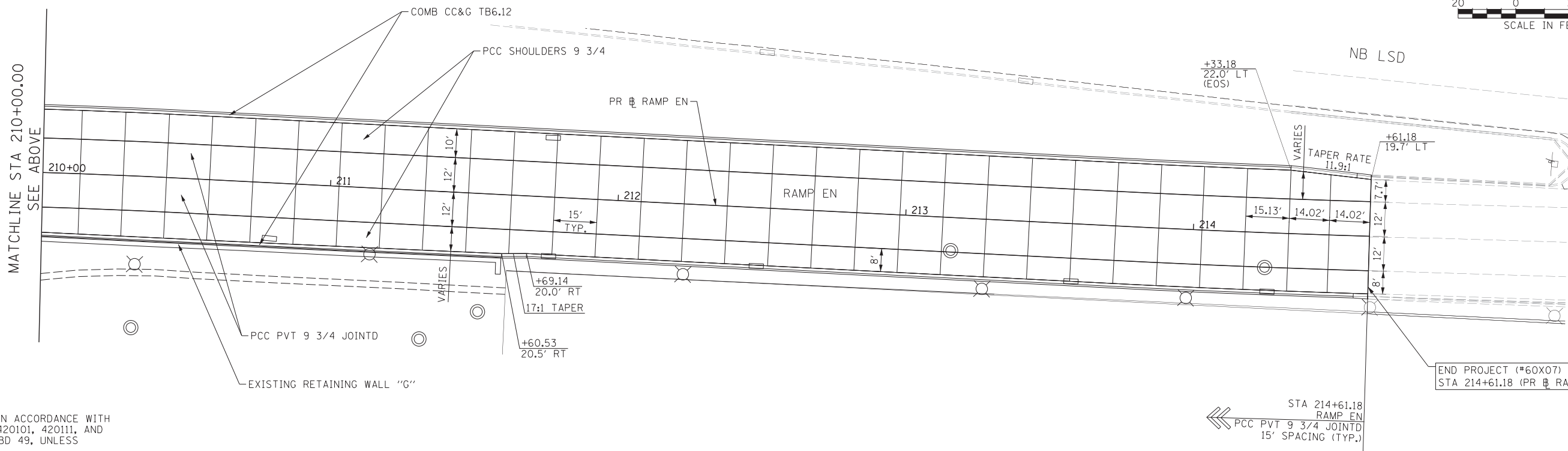
**JOINTING AND PCC PAVEMENT DETAIL PLANS
 RAMP ES**

SCALE: 1"=20' SHEET NO. 3 OF 4 SHEETS STA. 514+00.00 TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	888	92
CONTRACT NO. 60X07				
ILLINOIS FED. AID PROJECT				



NOTE:
 1. JOINT DETAILS ARE IN ACCORDANCE WITH STANDARDS 420001, 420101, 420111, AND DISTRICT STANDARD BD 49, UNLESS OTHERWISE NOTED.



NOTE:
 1. JOINT DETAILS ARE IN ACCORDANCE WITH STANDARDS 420001, 420101, 420111, AND DISTRICT STANDARD BD 49, UNLESS OTHERWISE NOTED.

FILE NAME = D:\60X07-5ht-JointingPCCDetail104.dgn



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PLOT SCALE = 20.0000' / 1"	DRAWN - WBS	REVISED -
PLOT DATE = 5/22/2015	CHECKED - MJE	REVISED -
	DATE - 5/26/2015	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

JOINTING AND PCC PAVEMENT DETAIL PLANS RAMP EN			
SCALE: 1"=20'	SHEET NO. 4 OF 4 SHEETS	STA. 207+84.59 TO STA. 214+61.18	

F.A.I. RTE. 55	SECTION 2013-049B	COUNTY COOK	TOTAL SHEETS 888	SHEET NO. 93
ILLINOIS FED. AID PROJECT				CONTRACT NO. 60X07

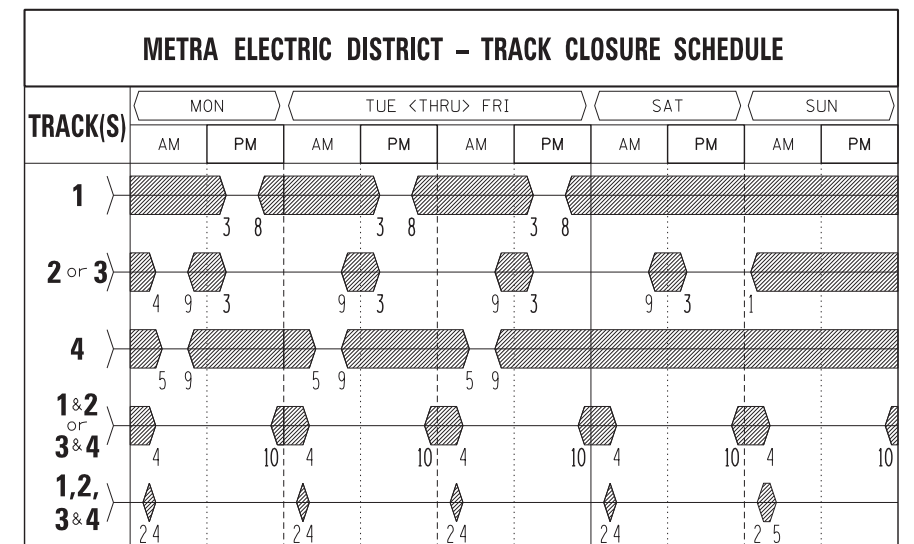
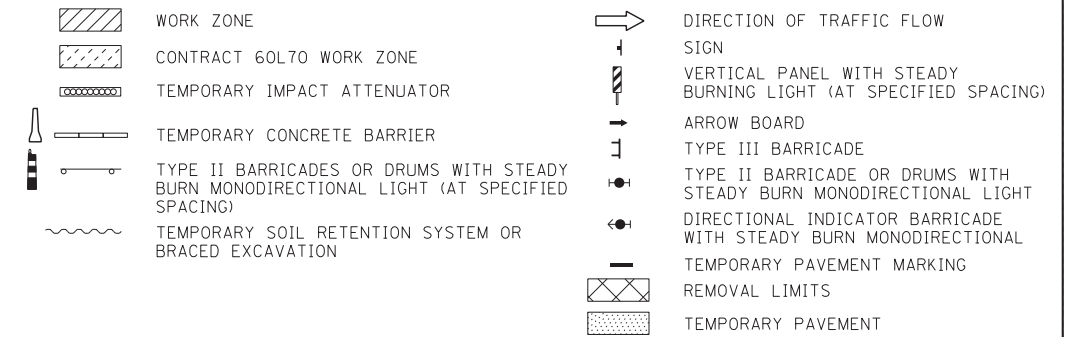
TRAFFIC CONTROL GENERAL NOTES

- 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 60L70 - I-55 OUTBOUND BRIDGES
 - CONTRACT 60W26 - HARRISON STREET BRIDGE (WEST) AT I-90/94 AND HALSTED 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 INTERCHANGE)
 - 3RD BRIDGE OVER METRA/CN (CDOT)
 - 35TH STREET PEDESTRIAN BRIDGE (CDOT)
 - METRA ELECTRIC CATENARY RELOCATION PROJECT
 - MCCORMICK PLACE PROJECTS
 - MUSEUM CAMPUS 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.

- 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. A LIST OF UTILITY CONTACTS IS LOCATED WITHIN THE SPECIFICATIONS. SEE STATUS OF UTILITIES TO BE ADJUSTED SPECIAL PROVISION.
- 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.
- SIGNS W20-7(O) AND W21-1(O) SHALL BE TAKEN DOWN WHEN THE WORKERS ARE NOT PRESENT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ACCESS RESTRICTIONS TO THE SITE AS MAY REQUIRED BY THE ENGINEER. IN AREAS WHERE SILT FENCE IS NOT INSTALLED, ORANGE CONSTRUCTION FENCING MAY BE REQUIRED TO RESTRICT ACCESS TO WORK ZONES. THE ENGINEER SHALL BE THE SOLE JUDGE OF THE NEED FOR ACCESS RESTRICTIONS AND THEIR CONFIGURATION. ORANGE CONSTRUCTION FENCING (IF NECESSARY) WILL NOT BE MEASURED SEPARATELY FOR PAYMENT BUT SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
- AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER, TEMPORARY CHAIN LINK FENCE SHALL BE PROVIDED TO SECURE THE WORK AREA. ADJACENT AND OVERLAPPING WORK ZONES MUST BE COORDINATED WITH THE ENGINEER AND CONTRACTOR FROM CONTRACT 60L70.
- 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).
- A 37" DEFLECTION AREA IS REQUIRED FROM THE BACK SIDE OF THE TEMPORARY CONCRETE BARRIER WALL TO ANY OBSTRUCTION OR DROP OFF IN THE WORK ZONE. IF THIS 37" DEFLECTION AREA CANNOT BE MAINTAINED, THE TEMPORARY CONCRETE BARRIER WALL SHALL BE ANCHORED TO THE PAVEMENT (EXCLUDING NEW BRIDGE DECKS) IN ACCORDANCE WITH THE IDOT SAFETY ENGINEERING POLICY MEMORANDUM 4-15. THIS WORK SHALL BE PAID FOR PINNING TEMPORARY CONCRETE BARRIER. THE COST OF ANCHORING TO EXISTING AND PROPOSED BRIDGE DECKS ARE INCLUDED IN THE COST OF TEMPORARY CONCRETE BARRIER.
- PER MEMORANDUM 4-15, DROP-OFF DEPTH > 4 IN AND < 12 IN IS PERMITTED FOR LESS THAN 0.5 MILE LENGTH OF DROP-OFF EXPOSURE IN WORK ZONE OR LESS THAN 48 HOUR CLOSURE TIME. LENGTH AND DURATION OF DROP-OFF IN EXCESS OF THESE LIMITS SHALL REQUIRE TEMPORARY LONGITUDINAL TRAFFIC BARRIER. ADJACENT WORK SPACES THAT ARE ESSENTIALLY CONTINUOUS IN DROP-OFF EXPOSURE SHOULD BE CONSIDERED AS ONE WORK ZONE.
- ALL UPSTREAM LEADING ENDS OF TEMPORARY CONCRETE BARRIER WALL SHALL BE FLARED AT A 12:1 TAPER RATE UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL BE REQUIRED TO REMOVE AND REPLACE ALL REFLECTORS FROM EXISTING RAISED REFLECTIVE PAVEMENT MARKERS WHICH CONFLICT WITH THE DESIGNATED TRAFFIC CONTROL PLANS. THIS WORK SHALL BE PAID FOR AS RAISED REFLECTIVE PAVEMENT MARKER REMOVAL.
- 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 SECOND PLACEMENT SHALL BE REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE.
- PAVEMENT MARKING TAPE, TYPE III SHALL BE USED ON ALL NEW PAVEMENTS, NEW BRIDGE DECK AND EXISTING PAVEMENT ON LAKE SHORE DRIVE AND NB I-55 WHERE THE EXISTING PAVEMENT IS TO REMAIN. TEMPORARY EPOXY PAVEMENT MARKING SHALL BE USED ON THE BRIDGE AND PAVEMENT WHERE IT WILL BE REMOVED.
- 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.
- 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).

- THE CONTRACTOR SHALL COVER CONFLICTING EXISTING SIGNS FOR THE DURATION OF THE CONSTRUCTION. THE SIGNS SHALL BE RESTORED AT THE END OF CONSTRUCTION.
- CONFLICTING AND OVERLAPPING OF SIGNS SHALL BE COORDINATED WITH THE CONTRACTOR UNDER CONTRACT 60L70 AND THE ENGINEER.
- TEMPORARY INFORMATION SIGNING AND CHANGEABLE MESSAGE SIGNS TO BE INSTALLED ALONG NB I-55 AND 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.
- ADDITIONAL ESTIMATED QUANTITIES FOR VARIOUS MAINTENANCE OF TRAFFIC ITEMS HAVE BEEN INCLUDED IN THE CONTRACT FOR THE PURPOSE OF SUPPLEMENTING MAINTENANCE OF TRAFFIC OPERATIONS AND FOR MAINTENANCE OF DETOUR ROUTES. THESE QUANTITIES ARE NOTED AS ALLOWANCES IN THE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN - SCHEDULE. USE OF THESE ADDITIONAL QUANTITIES IS AT THE DISCRETION OF THE ENGINEER.
- THE STAGING OF CONTRACT 60L70 IS SHOWN FOR INFORMATION ONLY. ANTICIPATED STAGES MAY CHANGE DURING CONSTRUCTION.

LEGEND



** = 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.

FILE NAME = D:\60X78-Sht-5-Staging-Notes-01.dgn



USER NAME = augeungh
 PLOT SCALE = 1:80000' / 1" =
 PLOT DATE = 5/24/2015

DESIGNED - PP
 DRAWN - HA
 CHECKED - MJE
 DATE = 5/26/2015

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	888	94
CONTRACT NO. 60X07				
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 NB I-55

- o REDUCE EXISTING THREE (3) MAINLINE LANES TO TWO (2) LANES PRIOR TO THE SB I-94 TO NB I-55 ENTRANCE RAMP VIA STRIPING AND BARRELS. ADJUST THE SB I-94 AND NB I-94 TO NB I-55 RAMP ENTRANCES TO A STANDARD TAPERED ENTRANCE TERMINAL TO MAINTAIN THE TWO (2) MAINLINE LANES CONFIGURATION AND SHIFT NORTH AGAINST NORTH NB I-55 BARRIER/PARAPET VIA STRIPING, BARRELS, AND TEMPORARY BARRIER PRIOR TO THE NB I-55 WORK ZONE. SHIFT AND MAINTAIN ONE (1) 14' RAMP LANE FOR THE STATE STREET ENTRANCE, AUXILIARY LANE, AND EXIT TO MLK DRIVE. MAINTAIN TWO (2) 11' MAINLINE LANES ALONG NB I-55 THROUGH THE WORK ZONE.

MAINTENANCE OF TRAFFIC ALONG RAMP ES

- o RECONFIGURE RAMP ES MAINTAINING ONE (1) 11' LANE SHIFTED TO THE SOUTH AND WEST VIA SINGLE LANE EXIT TERMINAL STRIPING AND TEMPORARY BARRIER PRIOR TO THE RAMP ES/EN GORE WIDENING WORK ZONE.

MAINTENANCE OF TRAFFIC ALONG SB LAKE SHORE DRIVE (LSD)

- o MAINTAIN CONTRACT 60L70 STAGING REDUCING THE EXISTING FOUR (4) MAINLINE LANES TO THREE (3) 11' LANES VIA STRIPING OF OUTSIDE LANE AND TEMPORARY BARRIER PRIOR TO PROPOSED RAMP ES BRIDGE WORK ZONE.

MAINTENANCE OF TRAFFIC ALONG RAMP EN

- o REDUCE EXISTING TWO (2) RAMP LANES WITH SHOULDERS TO TWO (2) 11' LANES SHIFTED NORTH AND WEST AGAINST THE EXISTING RAMP EN PARAPET VIA STRIPING AND TEMPORARY CONCRETE BARRIER PRIOR TO AND FOR THE EXTENT OF THE PROPOSED RAMP EN WORK ZONE.

MAINTENANCE OF TRAFFIC ALONG NB LAKE SHORE DRIVE (LSD)

- o MAINTAIN EXISTING THREE (3) MAINLINE LANES.

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

- o 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 TO CONSTRUCT PIER 1E.
- o WEST SIDEWALK CLOSED TO PEDESTRIAN TRAFFIC. DETOUR PEDESTRIAN ACCESS TO EAST SIDEWALK.

CONSTRUCTION TO BE COMPLETED IN STAGE 1A

- o REMOVE SOUTH PORTION OF EXISTING NB I-55 (S.N. 016-0036) VAULTED TERMINAL STRUCTURE, BRIDGE SUPERSTRUCTURE, AND SUBSTRUCTURE UP TO EXISTING PIER E10.
- o CONSTRUCT SOUTH HALF OF NB I-55 MSE WALL (S.N. 016-0766), TEMPORARY MSE WALL, AND A PORTION OF PROPOSED NB I-55 (S.N. 016-1500) BRIDGE STRUCTURE UP TO THE EXISTING STRUCTURE REMOVAL LIMITS.
- o REMOVE EXISTING PARAPET AND BRIDGE DECK TO CONSTRUCT THE PROPOSED TEMPORARY GORE WIDENING AND CONNECTING STRUCTURE BETWEEN EXISTING RAMP ES (S.N. 016-1045) AND RAMP EN (S.N. 016-1075). WORK MUST BE COMPLETED IN STAGE 1A TO CONSTRUCT SOUTH PORTION OF NB I-55 TO PROPOSED PIER 5E AND ACCOMMODATE RAMP ES EXITING TRAFFIC IN STAGE 1B.
- o SUPPORT EXISTING NB I-55 (S.N. 016-0036) DECK OVERHANG CREATED BY EXISTING DECK REMOVAL LIMITS IN STAGE 1B TO ACCOMMODATE EXITING RAMP ES TRAFFIC AS NEEDED.
- o REMOVE SOUTH AND EAST PORTION OF EXISTING RAMP EN (S.N. 016-1075) BRIDGE STRUCTURE AND VAULTED TERMINAL STRUCTURE, AND PORTIONS OF EXISTING RETAINING WALL "G".
- o CONSTRUCT SOUTH HALF OF PROPOSED RAMP EN (S.N. 016-1503) UNIT 2 AND FULL WIDTH OF UNIT 3. CONSTRUCT EAST HALF OF RAMP EN PERMANENT AND TEMPORARY MSE WALLS (S.N. 016-0778).
- o REMOVE NORTH AND EAST PORTION OF EXISTING RAMP ES (S.N. 016-1045) BRIDGE STRUCTURE.

- o CONSTRUCT NORTH AND EAST PORTION OF PROPOSED RAMP ES (S.N. 016-1502) BRIDGE STRUCTURE AND FULL WIDTH MSE WALL APPROACH (S.N. 016-0773). CONSTRUCT EAST LANE AND GORE OF PROPOSED ROADWAY PAVEMENT FROM THE MSE WALLS (S.N. 016-0773) TO SB LAKE SHORE DRIVE AS ACCOMMODATED BY THE WORK ZONE.
- o REMOVE EXISTING TRAFFIC SIGNALS ALONG NB MLK MOUNTED TO THE EXISTING NB I-55 STRUCTURE AND INSTALL TEMPORARY TRAFFIC SIGNALS.
- o REMOVE AND STORE EXISTING BRIDGE MOUNTED SIGN PANELS OVER NB MLK.
- o INSTALL TEMPORARY LIGHTING MAST ARMS ON EXISTING WOOD POLES (INSTALLED UNDER CONTRACT 60L70) ALONG NORTH SIDE OF NB I-55.
- o INSTALL TEMPORARY LIGHTING SYSTEM ALONG RAMP EN AND RAMP ES.
- o REMOVE AND SALVAGE EXISTING IDOT TURNAROUND RAMP UNDERPASS LIGHTING SYSTEM ATTACHED TO UNDERSIDE OF THE NB I-55 STRUCTURE.
- o REMOVE AND SALVAGE EXISTING CDOT MLK DRIVE UNDERPASS LIGHTING SYSTEM ATTACHED TO UNDERSIDE OF THE NB I-55 STRUCTURE.
- o REMOVE EXISTING CDOT LIGHTING UNITS AND FOUNDATIONS ALONG NB AND SB LSD IN CONFLICT WITH RAMP EN AND RAMP ES. INSTALL TEMPORARY CDOT LIGHTING SYSTEM ALONG LSD TO REPLACE THE REMOVED LIGHTING UNITS.
- o INSTALL REROUTED CDOT TRANSCLOSURE POWER FEED BETWEEN TRANSCLOSURE SLC -24 AND SLC-25 THAT IS IN CONFLICT WITH RAMP ES.
- o ABANDON LOOPS ON NB I-55.
- o REMOVE EXISTING LOOP CABLES FROM CONDUIT ATTACHED TO STRUCTURE AND UNDERGROUND ON NB I-55.
- o REMOVE AND SALVAGE CABINET 17.
- o ABANDON LOOPS ON RAMP EN.
- o REMOVE EXISTING LOOP CABLES FROM CONDUIT ATTACHED TO STRUCTURE (BACK TO THE EXISTING HANDHOLE) ON RAMP EN.
- o INSTALL NEW 24" WATER MAIN BELOW RAMP EN AND ALONG NB LSD.

STAGE 1B:

MAINTENANCE OF TRAFFIC ALONG NB I-55

- o MAINTAIN REDUCED AND SHIFTED MAINLINE AND RAMP LANES ESTABLISHED IN STAGE 1A.

MAINTENANCE OF TRAFFIC ALONG RAMP ES

- o MAINTAIN REDUCED ONE (1) 11' LANE CONFIGURATION ALONG EXISTING RAMP ES BRIDGE STRUCTURE. SHIFT RAMP ES EXIT TERMINAL FROM NB I-55 TRAFFIC LANES TO THE EAST UTILIZING THE RAMP EN/ES TEMPORARY GORE WIDENING AND CONNECTING STRUCTURE TO ACCOMMODATE PROPOSED NB I-55 TANGENT WORK ZONE UP TO PROPOSED PIER 5E AND PLACEMENT OF TEMPORARY BRIDGE STRUCTURE.

MAINTENANCE OF TRAFFIC ALONG SB LAKE SHORE DRIVE (LSD)

- o MAINTAIN REDUCED THREE (3) 11' LANE CONFIGURATION ESTABLISHED IN STAGE 1A.

MAINTENANCE OF TRAFFIC ALONG RAMP EN

- o MAINTAIN REDUCED WIDTH TWO (2) 11' LANE CONFIGURATION ESTABLISHED IN STAGE 1A.

MAINTENANCE OF TRAFFIC ALONG NB LAKE SHORE DRIVE (LSD)

- o MAINTAIN EXISTING THREE (3) MAINLINE LANES.

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

- o MAINTAIN TRAVEL LANE REDUCTIONS AND PEDESTRIAN DETOUR ESTABLISHED IN STAGE 1A.
- o CONTRACTOR OPTION TO REDUCE TURNING LANES ALONG THE MEDIAN TO ACCOMMODATE DEMOLITION OF SOUTH PORTION OF EXISTING PIER E6 OR DEFER TO STAGE 4.

CONSTRUCTION TO BE COMPLETED IN STAGE 1B

- o REMOVE REMAINDER OF SOUTH PORTION OF EXISTING NB I-55 (S.N. 016-0036) BRIDGE STRUCTURE.
- o CONTINUE AND COMPLETE CONSTRUCTION OF SOUTH HALF OF NB I-55 MSE WALL (S.N. 016-0766) AND NB I-55 (S.N. 016-1500) BRIDGE STRUCTURE.
- o CONSTRUCT SOUTH PORTION OF PROPOSED ROADWAY PAVEMENT AND ASSOCIATED ROADWAY ITEMS ALONG NB I-55 APPROACH ROADWAY TO ACCOMMODATE TRAFFIC IN STAGE 2.
- o CONSTRUCT TEMPORARY BRIDGE CONNECTING THE SOUTHERN PORTION OF PROPOSED NB I-55 (S.N. 016-1500) TO EXISTING RAMP ES (S.N. 016-1045) TO ACCOMMODATE STAGE 2 RAMP ES TRAFFIC.
- o CONTINUE CONSTRUCTION OF RAMP EN (S.N. 016-1503) UNIT 2 AND 3, AND MSE WALL (S.N. 016-0778).

- o CONTINUE CONSTRUCTION OF RAMP ES (S.N. 016-1502), MSE WALL (S.N. 016-0773), AND THE APPROACH ROADWAY PAVEMENT.

STAGE 2:

MAINTENANCE OF TRAFFIC ALONG NB I-55

- o MAINTAIN REDUCED EXISTING THREE (3) MAINLINE LANES TO TWO (2) LANES PRIOR TO THE SB I-94 TO NB I-55 ENTRANCE RAMP AS ESTABLISHED IN STAGE 1A. PROVIDE THREE (3) MAINLINE LANES EAST OF THE NB I-94 TO NB I-55 ENTRANCE RAMP. THROUGH THE WORK ZONE, BARRIER SEPARATE THE THREE (3) MAINLINE LANES PROVIDING TWO (2) 11' LANES ALONG EXISTING NB I-55 (S.N. 016-0036) TO RAMP EN AND ONE (1) 12' LANE WITH RIGHT SHOULDER FOR EMERGENCY STOPPING ALONG PROPOSED NB I-55 (S.N. 016-1500) TO RAMP ES.

MAINTENANCE OF TRAFFIC ALONG RAMP ES

- o REDUCE THE SINGLE NB I-55 TRAFFIC LANE FROM 12' TO 11' UTILIZING THE TEMPORARY BRIDGE PLACED IN STAGE 1B TO CONNECT PROPOSED NB I-55 (S.N. 016-1500) TO EXISTING RAMP ES (S.N. 016-1045). MAINTAIN ONE (1) 11' LANE ALONG EXISTING RAMP ES AS ESTABLISHED IN STAGE 1A.

MAINTENANCE OF TRAFFIC ALONG SB LAKE SHORE DRIVE (LSD)

- o MAINTAIN REDUCED THREE (3) 11' LANE CONFIGURATION AS ESTABLISHED IN STAGE 1A. COORDINATE WITH CONTRACT 60L70 MAINTENANCE OF TRAFFIC.

MAINTENANCE OF TRAFFIC ALONG RAMP EN

- o MAINTAIN REDUCED WIDTH TWO (2) 11' LANE CONFIGURATION ESTABLISHED IN STAGE 1A.

MAINTENANCE OF TRAFFIC ALONG NB LAKE SHORE DRIVE (LSD)

- o MAINTAIN EXISTING THREE (3) MAINLINE LANES.

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

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

CONSTRUCTION TO BE COMPLETED IN STAGE 2

- o REMOVE CENTER PORTION OF EXISTING RAMP EN (S.N. 016-1075) BRIDGE STRUCTURE BETWEEN PIER E12 TO PIER E16.
- o CONSTRUCT CENTER GORE PORTION OF RAMP EN (S.N. 016-1503) UNIT 1.
- o CONTINUE CONSTRUCTION OF RAMP EN (S.N. 016-1503) UNIT 2 AND 3, AND MSE WALL (S.N. 016-0778).
- o CONTINUE CONSTRUCTION OF RAMP ES (S.N. 016-1502), MSE WALL (S.N. 016-0773), AND THE APPROACH ROADWAY PAVEMENT.
- o INSTALL TEMPORARY LIGHTING SYSTEM ALONG SOUTH SIDE OF RAMP ES.
- o INSTALL TRAFFIC SIGNALS ALONG NB MLK.
- o INSTALL BRIDGE MOUNTED SIGN PANELS OVER NB MLK.

STAGE 3:

MAINTENANCE OF TRAFFIC ALONG NB I-55

- o MAINTAIN REDUCED AND SHIFTED MAINLINE AND RAMP LANES AS ESTABLISHED IN STAGE 2.

MAINTENANCE OF TRAFFIC ALONG RAMP ES

- o SHIFT NB I-55 TRAFFIC ONTO COMPLETED CENTER PORTION OF PROPOSED RAMP EN (S.N. 016-1503) UNIT 1 AND COMPLETED NORTH AND EAST PORTION OF PROPOSED RAMP EN (S.N. 016-1502) PROVIDING ONE (1) 12' LANE.
- o MERGE RAMP ES TRAFFIC INTO THE SB LAKE SHORE DRIVE OUTSIDE LANE PRIOR TO THE RAMP ES ROADWAY PAVEMENT WORK ZONE AS SHOWN IN DETAIL A. UPON CMPLTION OF THE OUTSIDE APPROACH ROADWAY PAVEMENT, RAMP ES TO BE REALIGNED TO ENTER SB LAKE SHORE DRIVE LANE 4.

MAINTENANCE OF TRAFFIC ALONG SB LAKE SHORE DRIVE (LSD)

- o MAINTAIN REDUCED THREE (3) 11' LANE CONFIGURATION AS ESTABLISHED IN STAGE 2.

MAINTENANCE OF TRAFFIC ALONG RAMP EN

- o MAINTAIN REDUCED TWO (2) 11' LANE CONFIGURATION AS ESTABLISHED IN STAGE 1A.

MAINTENANCE OF TRAFFIC ALONG NB LAKE SHORE DRIVE (LSD)

- o MAINTAIN EXISTING THREE (3) MAINLINE LANES.

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

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

FILE NAME = D:\60X78-Sht-3-Staging-Notes-02.dgn



USER NAME = auyeungh	DESIGNED - BS	REVISED -
	DRAWN - BS	REVISED -
PLOT SCALE = 1:8000' / 1" =	CHECKED - MJE	REVISED -
PLOT DATE = 5/22/2015	DATE = 5/26/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	888	95
				CONTRACT NO. 60X07
ILLINOIS FED. AID PROJECT				

CONSTRUCTION TO BE COMPLETED IN STAGE 3

- o REMOVE TEMPORARY BRIDGE.
- o REMOVE REMAINING SOUTH AND WEST PORTION OF EXISTING RAMP ES (S.N. 016-1045) BRIDGE STRUCTURE AND VAULTED TERMINAL STRUCTURE.
- o CONSTRUCT REMAINING SOUTH AND WEST PORTION OF PROPOSED RAMP ES (S.N. 016-1502) BRIDGE STRUCTURE AND WEST PORTION OF THE APPROACH ROADWAY PAVEMENT AND RELATED ROADWAY ITEMS UP TO SOUTH PROJECT LIMITS.
- o CONTINUE CONSTRUCTION OF PROPOSED RAMP EN (S.N. 016-1503) UNIT 2 AND 3, AND MSE WALL (S.N. 016-0778), AND CONSTRUCT EAST ROADWAY AND SHOULDER PAVEMENT UP TO NORTH PROJECT LIMITS TO ACCOMMODATE STAGE 4 TRAFFIC.
- o REMOVE AND SALVAGE NORTHERN PORTION OF EXISTING IDOT TURNAROUND RAMP UNDERPASS LIGHTING SYSTEM ATTACHED TO UNDERSIDE OF NB I-55 STRUCTURE.
- o REMOVE AND SALVAGE NORTHERN PORTION OF EXISTING CDOT MLK DRIVE UNDERPASS LIGHTING SYSTEM ATTACHED TO UNDERSIDE OF NB I-55 STRUCTURE.

STAGE 4:

MAINTENANCE OF TRAFFIC ALONG NB I-55

- o REINSTATE EXISTING THREE (3) MAINLINE LANES PRIOR TO NB I-94 TO NB I-55 ENTRANCE RAMP. MAINTAIN NB I-94 TO NB I-55 RAMP ENTRANCE STANDARD TAPERED ENTRANCE TERMINAL AND NARROW THE THREE (3) 12' MAINLINE LANES TO THREE (3) 11' MAINLINE LANES. SHIFT THE THREE MAINLINE LANES SOUTH TO UTILIZE THE SOUTH PORTION OF THE COMPLETED NB I-55 (S.N. 016-1500) BRIDGE STRUCTURE. MAINTAIN ONE (1) LANE FOR THE STATE STREET ENTRANCE, AUXILIARY, AND EXIT TO MLK.

MAINTENANCE OF TRAFFIC ALONG RAMP ES

- o INCREASE FROM ONE (1) 12' LANE IN STAGE 3 TO TWO (2) 12' LANES ALONG COMPLETED RAMP ES (S.N. 016-1502) BRIDGE STRUCTURE EXITING FROM NB I-55. MATCH THE FINAL CONFIGURATION OF THE COMPLETED RAMP ES STRUCTURE AND APPROACH ROADWAY PAVEMENT UTILIZING A FORCED MERGE WITH SB LAKE SHORE DRIVE.

MAINTENANCE OF TRAFFIC ALONG SB LAKE SHORE DRIVE (LSD)

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

MAINTENANCE OF TRAFFIC ALONG RAMP EN

- o REDUCE FROM TWO (2) 11' LANES IN STAGE 3 TO ONE (1) 11' LANE EXITING FROM THE COMPLETED SOUTH PORTION OF THE NB I-55 (S.N. 016-1500) BRIDGE STRUCTURE TO THE SOUTH AND EAST PORTION OF THE COMPLETED RAMP EN (S.N. 016-1503) BRIDGE STRUCTURE, RETAINING WALL, AND APPROACH ROADWAY PAVEMENT.

MAINTENANCE OF TRAFFIC ALONG NB LAKE SHORE DRIVE (LSD)

- o MAINTAIN EXISTING THREE (3) MAINLINE LANES.

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

- o MAINTAIN TRAVEL LANE REDUCTIONS AND PEDESTRIAN DETOUR ESTABLISHED IN STAGE 1A.
- o REDUCE TURNING LANES ALONG THE MEDIAN TO ACCOMMODATE DEMOLITION OF EXISTING PIER E6 AND RESTORATION OF PAVEMENT AND MEDIAN.

CONSTRUCTION TO BE COMPLETED IN STAGE 4

- o REMOVE REMAINING NORTH AND WEST PORTIONS OF EXISTING NB I-55 (S.N. 016-0036) VAULTED TERMINAL STRUCTURE AND BRIDGE STRUCTURE, AND EXISTING RAMP EN (S.N. 016-1075) BRIDGE STRUCTURE AND VAULTED TERMINAL STRUCTURE.
- o CONSTRUCT REMAINING NORTH HALF OF PROPOSED NB I-55 MSE WALL (S.N. 016-0766), APPROACH ROADWAY PAVEMENT, AND NB I-55 (S.N. 016-1500) BRIDGE STRUCTURE.
- o CONSTRUCT REMAINING NORTH AND WEST PORTIONS OF PROPOSED RAMP EN (S.N. 016-1503) BRIDGE STRUCTURE, MSE WALL (S.N. 016-0778), AND THE APPROACH ROADWAY PAVEMENT.



NOTES:

1. THE SUGGESTED CONSTRUCTION SCHEDULE REPRESENTS THE DESIGN ENGINEER'S SUGGESTED SCHEDULING OF THE OVERALL PROJECT AND HAS BEEN PROVIDED TO ILLUSTRATE THE OVERLAPPING CONSTRUCTION SEQUENCING BETWEEN THE OUTBOUND BRIDGES CONTRACT 60L70 AND THE INBOUND BRIDGES CONTRACT 60X07.
2. THE CONTRACTOR SHALL SUBMIT A PROGRESS SCHEDULE IN ACCORDANCE WITH THE SPECIAL PROVISIONS. ANY POTENTIAL CONFLICTS BETWEEN CONTRACTS SHALL BE ADDRESSED AND RESOLVED IN COORDINATION WITH THE ENGINEER.

FILE NAME = D:\60X78-Sht-3-Staging-Notes-03.dgn



USER NAME = augeungh	DESIGNED - BS	REVISED -
PLOT SCALE = 1:8000 / 1"	CHECKED - MJE	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL - STAGING NARRATIVE	
SCALE	SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.I. RTE. 55	SECTION 2013-049B	COUNTY COOK	TOTAL SHEETS 888	SHEET NO. 96
CONTRACT NO. 60X07				
ILLINOIS FED. AID PROJECT				

TRAFFIC CONTROL SCHEDULE

SHEET	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 III4"	PAVEMENT MARKING TAPE, TYPE III5"	PAVEMENT MARKING TAPE, TYPE III8"	PAVEMENT MARKING TAPE, TYPE III12"	PAVEMENT MARKING TAPE, TYPE III24"	WORK ZONE PAVEMENT MARKING REMOVAL	TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2
	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SO FT	FOOT	FOOT	EACH
STAGE 1A															
MOT-3	1,873	0	0	0	0	0	701	0	100	136	0	0	0	0	0
MOT-4	6,093	0	0	0	0	0	289	0	2,498	259	0	0	0	0	0
MOT-5	8,895	0	0	0	0	0	1,877	346	2,133	92	0	0	0	0	0
MOT-6	8,959	2,028	254	0	0	1,110	1,366	116	541	175	0	0	1113	0	0
MOT-7	13,008	4,119	336	525	42	2,957	1,482	0	0	0	0	0	2963	0	1
MOT-8	7,884	2,328	0	330	0	2,153	1,284	0	0	0	0	0	2163	0	1
MOT-9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MOT-11	5,828	1,890	236	0	0	976	711	77	0	0	0	0	988	0	0
STAGE 1A TOTALS	52,538	10,365	826	855	42	7,196	7,710	538	5,272	662	0	0	7,225	0	2
STAGE 1B															
MOT-3	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
MOT-5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MOT-6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MOT-7	2,068	461	0	525	48	0	0	0	0	0	0	296	0	963	0
MOT-8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MOT-9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MOT-11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STAGE 1B TOTALS	2,068	461	0	525	48	0	0	0	0	0	0	296	0	963	0
STAGE 2															
MOT-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MOT-4	114	0	0	0	0	0	0	0	57	0	0	5	0	0	0
MOT-5	4,278	0	0	0	0	0	467	0	1,646	26	0	1,296	0	0	0
MOT-6	8,624	0	0	0	0	1,035	1,807	0	2,194	311	0	651	1038	0	0
MOT-7	2,956	171	0	0	0	238	1,307	0	0	0	0	273	250	1013	0
MOT-8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MOT-9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MOT-11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STAGE 2 TOTALS	15,972	171	0	0	0	1,273	3,581	0	3,897	337	0	2,224	1,288	1,013	0
STAGE 3															
MOT-3	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
MOT-5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MOT-6	772	0	0	0	0	0	386	0	0	0	0	129	0	50	0
MOT-7	4,826	0	0	0	0	0	2,413	0	0	0	0	160	0	1600	0
MOT-8	5,833	0	0	0	0	0	2,224	153	0	59	0	360	0	1375	0
MOT-9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MOT-11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STAGE 3 TOTALS	11,431	0	0	0	0	0	5,023	153	0	59	0	649	0	3,025	0
STAGE 4															
MOT-3	2,614	0	0	0	0	0	688	200	334	85	0	1,204	0	0	0
MOT-4	5,524	0	0	0	0	0	298	376	1,970	118	0	3,901	0	0	0
MOT-5	9,518	0	0	0	0	0	1,768	639	2,142	210	0	4,552	0	0	0
MOT-6	8,162	0	0	0	0	0	2,577	739	736	29	0	4,882	0	75	0
MOT-7	10,106	0	0	0	0	0	3,832	551	650	20	0	4,074	0	625	0
MOT-8	7,168	0	0	0	0	0	1,601	754	1,087	142	0	3,305	0	0	0
MOT-9	448	0	0	0	0	0	176	48	0	0	0	88	0	0	0
MOT-11	5,214	0	0	0	0	0	2,600	7	0	0	0	1,842	0	1000	0
STAGE 4 TOTALS	48,754	0	0	0	0	0	13,540	3,314	6,919	604	0	23,848	0	1,700	0
MLK PIER WORK															
MOT-1	2,362	0	0	0	0	588	1,169	0	0	0	12	0	600	0	3
MOT-2	1,616	0	0	0	0	0	808	0	0	0	0	0	0	0	0
MLK TOTALS	3,978	0	0	0	0	588	1,977	0	0	0	12	0	600	0	3
PEDESTRIAN PROT															
MOT-1	0	0	0	0	0	100	0	0	0	0	0	0	100	0	1
ALLOWANCES	13,474	1,100	83	138	9	916	3,183	400	1,609	166	1	2,702	921	670	1
TOTALS	148,214	12,096	909	1,518	99	10,073	35,013	4,405	17,697	1,828	13	29,719	10,134	7,370	7

NOTE:
1. ALL REMAINING TEMPORARY PAVEMENT MARKING AND TEMPORARY TAPE NOT REMOVED DURING THE TRAFFIC STAGING IS TO BE REMOVED PRIOR TO PLACEMENT OF THE FINAL PAVEMENT MARKING. THIS ADDITIONAL WORK ZONE PAVEMENT MARKING REMOVAL IS INCLUDED WITH THE STAGE 4 QUANTITIES LISTED IN THIS SCHEDULE.

FILE NAME = D:\0\78-Sht-Stageing-Schedule-01.dgn



USER NAME = seorsb
DESIGNED - WBS
DRAWN - WBS
PLOT SCALE = 1:8000 / 1/4" = 1/8" / 1/4"
CHECKED - MJE
DATE - 5/26/2015

REVISOR -
REVISED -
REVISOR -
REVISED -
REVISOR -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	888	97
CONTRACT NO. 60X07				
ILLINOIS FED. AID PROJECT				

TRAFFIC CONTROL SCHEDULE

SHEET	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, WIDE), TEST LEVEL 3	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	IMPACT ATTENUATORS, RELOCATE (SEVERE USE), TEST LEVEL 3	BARRIER WALL MARKERS, TYPE C	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	PAVEMENT MARKING REMOVAL	TEMPORARY INFORMATION SIGNING	SIGN PANEL OVERLAY	RELOCATE SIGN PANEL - TYPE 3	PINNING TEMPORARY CONCRETE BARRIER	TEMPORARY CHAIN LINK FENCE
	EACH	EACH	EACH	EACH	EACH	EA	SQ FT	SQ FT	SQ FT	SQ FT	EACH	FOOT
STAGE 1A												
MOT-3	0	0	0	0	0	40	476	24	0	0	0	0
MOT-4	0	0	0	0	0	92	864	0	0	0	0	0
MOT-5	0	0	0	0	0	217	1,685	0	9	500	0	0
MOT-6	1	0	0	0	89	125	1,284	32	96	320	99	0
MOT-7	1	1	0	0	237	101	1,645	0	0	0	15	0
MOT-8	0	0	0	0	173	64	287	0	0	0	69	0
MOT-9	0	0	0	0	0	0	0	0	0	0	0	0
MOT-11	0	0	0	0	79	68	806	0	0	0	12	0
STAGE 1A TOTALS	2	1	0	0	578	706	7,046	56	105	820	195	0
STAGE 1B												
MOT-3	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
MOT-5	0	0	0	0	0	0	0	0	0	0	0	0
MOT-6	0	0	0	0	0	0	0	0	0	0	0	0
MOT-7	0	0	0	1	0	0	0	0	0	0	0	0
MOT-8	0	0	0	0	0	0	0	0	0	0	0	0
MOT-9	0	0	0	0	0	0	0	0	0	0	0	0
MOT-11	0	0	0	0	0	0	0	0	0	0	0	0
STAGE 1B TOTALS	0	0	0	1	0	0	0	0	0	0	0	0
STAGE 2												
MOT-3	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
MOT-5	0	0	0	0	0	0	0	32	0	500	0	0
MOT-6	1	0	0	0	83	0	0	0	0	320	96	0
MOT-7	1	0	0	0	20	0	0	0	0	0	0	0
MOT-8	0	0	0	0	0	0	0	0	0	0	0	0
MOT-9	0	0	0	0	0	0	0	0	0	0	0	0
MOT-11	0	0	0	0	0	0	0	24	0	0	0	0
STAGE 2 TOTALS	2	0	0	0	103	0	0	56	0	820	96	0
STAGE 3												
MOT-3	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
MOT-5	0	0	0	0	0	0	0	0	0	0	0	0
MOT-6	0	0	1	0	0	0	0	0	0	0	0	0
MOT-7	0	0	0	0	0	0	0	0	0	0	0	0
MOT-8	0	0	0	0	0	0	84	0	0	0	0	0
MOT-9	0	0	0	0	0	0	0	0	0	0	0	0
MOT-11	0	0	0	0	0	0	0	0	0	0	0	0
STAGE 3 TOTALS	0	0	1	0	0	0	84	0	0	0	0	0
STAGE 4												
MOT-3	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
MOT-5	0	0	0	0	0	0	456	0	45	500	0	0
MOT-6	0	0	1	0	0	15	377	0	45	320	15	0
MOT-7	0	0	2	0	0	0	0	0	0	0	0	0
MOT-8	0	0	0	0	0	12	24	0	0	0	0	0
MOT-9	0	0	0	0	0	8	25	0	0	0	0	0
MOT-11	0	0	0	0	0	0	0	0	0	0	180	0
STAGE 4 TOTALS	0	0	3	0	0	35	882	0	90	820	195	0
MLK PIER WORK												
MOT-1	0	0	0	0	48	0	142	0	0	0	66	0
MOT-2	0	0	0	0	0	0	199	0	0	0	0	0
MLK TOTALS	0	0	0	0	48	0	341	0	0	0	66	0
PEDESTRIAN PROT												
MOT-1	0	0	0	0	8	0	0	0	0	0	6	3,637
ALLOWANCES	0	0	0	0	74	74	835	11	20	246	56	364
TOTALS	4	1	4	1	811	814	9,189	123	215	2,706	614	4,001

NOTE:
 1. ALL REMAINING TEMPORARY PAVEMENT MARKING AND TEMPORARY TAPE NOT REMOVED DURING THE TRAFFIC STAGING IS TO BE REMOVED PRIOR TO PLACEMENT OF THE FINAL PAVEMENT MARKING. THIS ADDITIONAL WORK ZONE PAVEMENT MARKING REMOVAL IS INCLUDED WITH THE STAGE 4 QUANTITIES LISTED IN THIS SCHEDULE.

FILE NAME = D:\078-Sht-Stage-Schedule-02.dgn



USER NAME = seorsb
 DESIGNED - WBS
 DRAWN - WBS
 PLOT SCALE = 1:8000' / 1" = 1/8000"
 CHECKED - MJE
 DATE - 5/26/2015

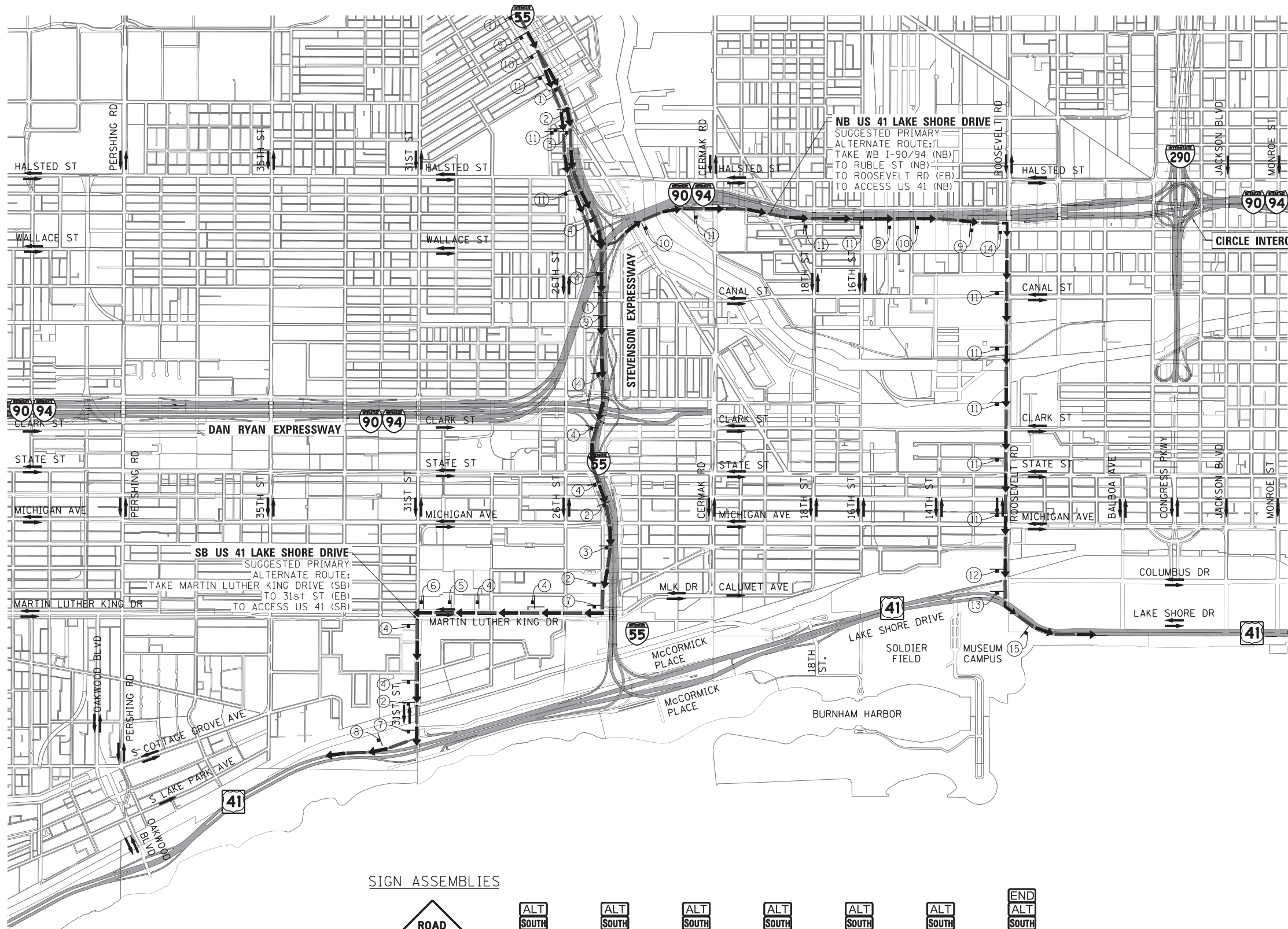
REVISOR -
 REVISION -
 REVISION -
 REVISION -
 REVISION -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND
 TRAFFIC CONTROL - SCHEDULE OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	888	98
CONTRACT NO. 60X07				
ILLINOIS FED. AID PROJECT				



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

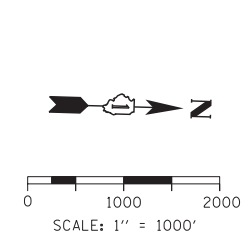
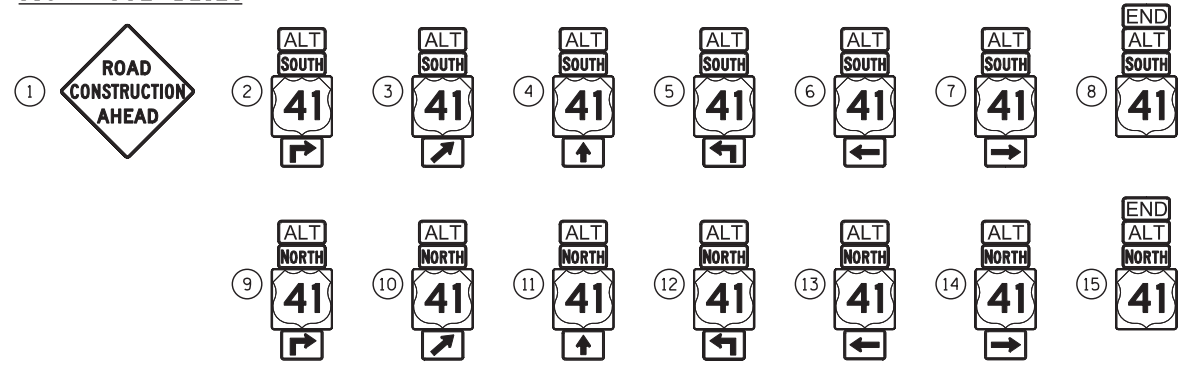
- M1-4 (24"x24")
* M1-4 (36"x36")
- M3-1 (24"x12")
- M3-3 (24"x12")
- M4-1a (24"x12")
- M4-6 (24"x12")
- M5-1 (21"x15")
* M5-1 (30"x18")
- M6-1 (21"x15")
* M6-1 (30"x18")
- M6-2 (21"x15")
* M6-2 (30"x18")
- M6-2A (21"x15")
* M6-2A (30"x18")
- M6-3 (21"x15")
* M6-3 (30"x18")
- W20-1103-48

* SIGN SIZES ALONG NB I-55 AND I-90/94 IN ACCORDANCE WITH FREEWAY SIGNING GUIDELINES

TRAFFIC CONTROL NOTES

1. ALTERNATIVE ROUTE SIGNING MUST BE INSTALLED PRIOR TO CONSTRUCTION OF NB I-55 RAMP TO NB AND SB LSD (US ROUTE 41).
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. ALTERNATE ROUTE SIGNS SHALL HAVE A WHITE BACKGROUND WITH BLACK LETTERS. SPECIAL CONSIDERATION SHALL BE GIVEN FOR OVERLAPPING TRAFFIC CONTROL MEASURES IN PLACE FOR THE CIRCLE INTERCHANGE PROJECT.
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:\60X70-shr-AltRoute-01.dgn



USER NAME = ouyeungh
 DESIGNED - HAY
 DRAWN - HAY
 PLOT SCALE = 1000.0005' / in.
 CHECKED - MJE
 PLOT DATE = 5/22/2015
 DATE - 5/26/2015

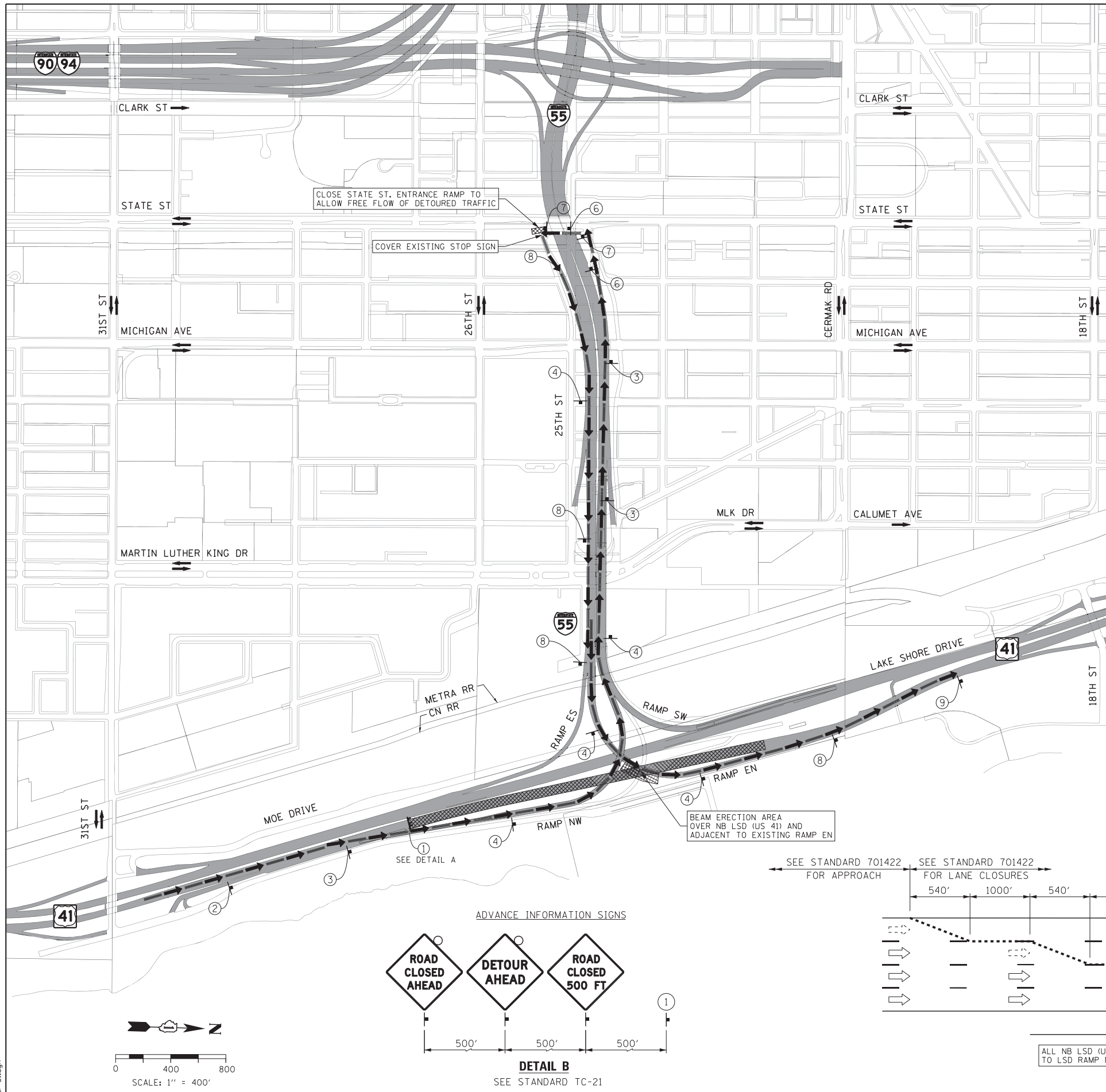
REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ALTERNATE ROUTE PLAN
 INBOUND NB I-55**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-049B	COOK	888	99
CONTRACT NO. 60X07				
ILLINOIS FED. AID PROJECT				



DETOUR SIGNS TYPE & SIZE

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

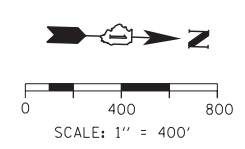
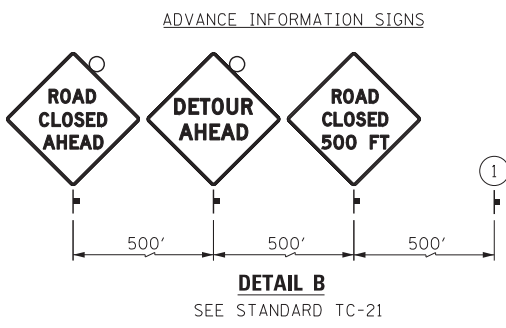
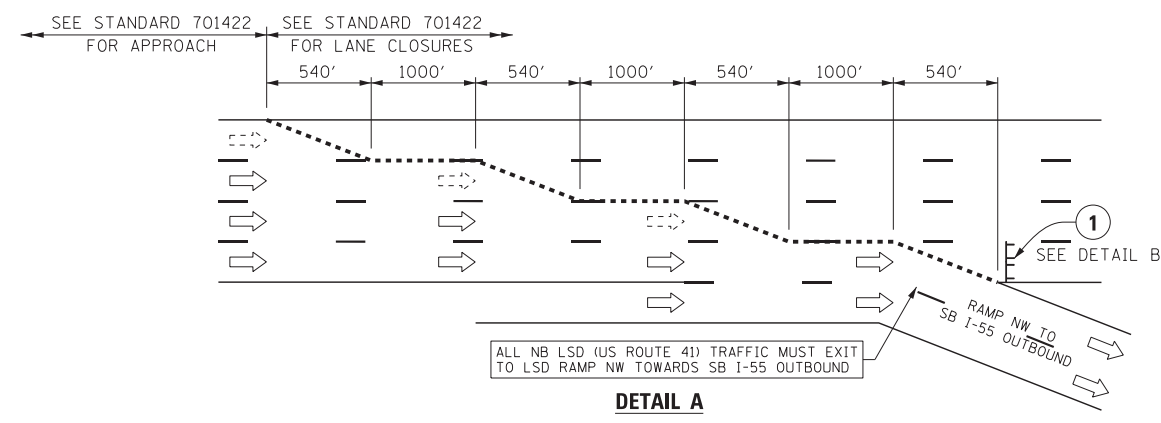
	M1-4 (24"x24") * M1-4 (36"x36")		W20-2 (48"x48")		W20-3-48
	M3-1 (24"x12")		W20-3-48		R11-2 SEE TC-21 FOR SIGN INFORMATION (48"x30")
	M3-3 (24"x12")	* SIGN SIZES ALONG NB & SB I-55 IN ACCORDANCE WITH FREEWAY SIGNING GUIDELINES			
	M4-8 (24"x12")				
	M4-8A (24"x18")				
	M5-1 (21"x15") * M5-1 (30"x18")				
	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 ASSEMBLIES

- ### TRAFFIC CONTROL NOTES
1. PRIMARY DETOUR ROUTE (NB LSD): TAKE RAMP NW TO SB I-55 OUTBOUND, EXIT AT STATE STREET SB, RETURN EASTBOUND ON NB I-55 INBOUND, USE RAMP EN TO ACCESS NB LSD (US ROUTE 41).
 2. DETOUR SIGNING MUST BE INSTALLED PRIOR TO THE CLOSURE OF NB LSD (US ROUTE 41).
 3. ROAD CLOSURE SHALL FOLLOW THE LATEST VERSION OF THE IDOT HIGHWAY STANDARDS AND DISTRICT 1 STANDARD DETAIL TC-08 & TC-21. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION.
 4. PLACEMENT AND SPACING OF SIGNS AND BARRICADES SHALL BE IN ACCORDANCE WITH IDOT DISTRICT 1 STANDARD DETAIL TC-08 AND TC-21.
 5. ALL DETOUR SIGNS SHALL HAVE AN ORANGE BACKGROUND WITH BLACK LETTERS.
 6. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
 7. 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).
 8. 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 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 CLOSURES



FILE NAME = D:\60X70-shr-DeTour-01.dgn



USER NAME = ouyeungh	DESIGNED - HAY	REVISED -
PLOT SCALE = 400.0002' / in.	DRAWN - HAY	REVISED -
PLOT DATE = 5/22/2015	CHECKED - MJE	REVISED -
	DATE - 5/26/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETOUR PLAN
NB LAKE SHORE DRIVE (RAMP EN BEAM ERECTION)

SCALE 1"=400' SHEET NO. 2 OF 3 SHEETS STA. TO STA.

F.A.I. RTE. = 55	SECTION = 2013-049B	COUNTY = COOK	TOTAL SHEETS = 888	SHEET NO. = 100
				CONTRACT NO. 60X07
ILLINOIS FED. AID PROJECT				