

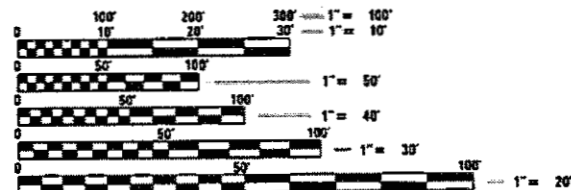
TRAFFIC DATA

- WB I-90 (PROJECT LIMITS TO I-190)
EXISTING ADT: 135,700 (2014)
- WB I-190 (PROJECT LIMITS TO I-90)
EXISTING ADT: 70,000 (2014)
- WB I-90 (I-190 INTERCHANGE TO CUMBERLAND RAMP D)
EXISTING ADT: 188,400 (2014)
- WB I-90 (CUMBERLAND RAMP D TO CUMBERLAND RAMP DD)
EXISTING ADT: 177,900 (2014)
- WB I-90 (CUMBERLAND RAMP DD TO CUMBERLAND RAMP CC)
EXISTING ADT: 182,300 (2014)
- WB I-90 (CUMBERLAND RAMP CC TO CUMBERLAND RAMP C)
EXISTING ADT: 172,400 (2014)
- WB I-90 (CUMBERLAND RAMP C TO CANFIELD AVE EXIT RAMP)
EXISTING ADT: 187,600 (2014)
- WB I-90 (CANFIELD AVE EXIT RAMP TO HARLEM RAMP D)
EXISTING ADT: 194,400 (2014)
- WB I-90 (HARLEM RAMP D TO PROJECT LIMITS)
EXISTING ADT: 175,800 (2014)

RETAINING WALLS

- | | |
|--|--|
| <p>RETAINING WALL WB-1
SN 016-2036
STA. 3067+00 TO STA. 3074+50, LEFT</p> <p>RETAINING WALL WB-2
SN 016-2037
STA. 3076+24 TO STA. 3080+81, LEFT</p> <p>RETAINING WALL WB-3
SN 016-2289
3080+81 TO STA. 3087+04, LEFT</p> <p>RETAINING WALL WB-4
SN 016-2038
STA. 106+17 TO STA. 100+00, LEFT (CANFIELD RAMP)
STA. 3086+70 TO STA. 3092+82 LEFT</p> <p>RETAINING WALL WB-5
SN 016-2039
STA. 3093+85 TO STA. 3104+00, LEFT</p> | <p>RETAINING WALL WB-6
SN 016-1355
STA. 3038+43 TO STA. 3040+99, LEFT</p> <p>RETAINING WALL WB-7
SN 016-2047
STA. 910+70 TO STA. 912+10, RIGHT</p> |
|--|--|

PROJECT LOCATED IN THE 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.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123 OR 811
DIGGER - CHICAGO UTILITY ALERT NETWORK
1-312-744-7000

PROJECT ENGINEER: ANA ABREU 847-705-4482
PROJECT MANAGER: SERIN KELLER 847-705-4556

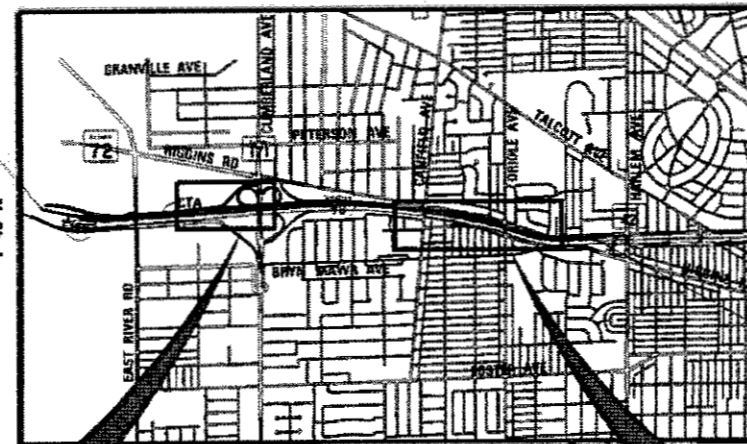
CONTRACT NO. 60Y39

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS**

**PROPOSED
HIGHWAY PLANS**

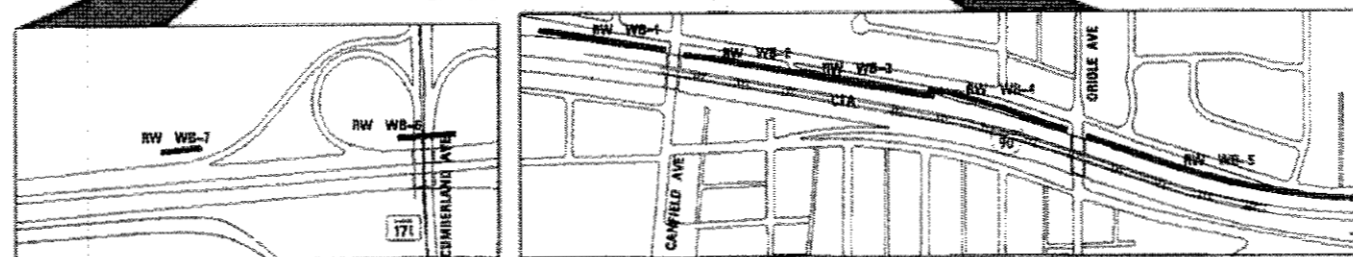
**F.A.I. ROUTE 90
FROM I-190
TO IL 43 (HARLEM AVENUE)
SECTION (1517 & 1415) R-2
PROJECT: CMAQ-NHPP-NWQA(467)
RESURFACING, WIDENING, DRAINAGE, LIGHTING,
ITS, SIGNING (NEW), RETAINING WALLS
COOK COUNTY**

C-91-377-14



LOCATION MAP

N.T.S.
GROSS LENGTH = 12,262 FT, 2.32 MI
NET LENGTH = 19,152 FT, 3.63 MI
NET LENGTH WITH RAMPS = 24,474 FT, 4.64 MI



**VOLUME
1 OF 2**

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-2	COOK	734	1
			ILLINOIS	CONTRACT NO. 60Y39

* 734 + 6 = 740 TOTAL SHEETS

D-91-376-14



LOCATION OF SECTION INDICATED THUS: - [shaded box] -

HNTB

ONE SOUTH WACKER DRIVE
SUITE 900
CHICAGO, IL 60606
(312) 930-9119
ILLINOIS PROFESSIONAL DESIGN FIRM
REGISTRATION NO. 184.001306

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Jan 12 2018
Anthony J. Quigley REGIONAL ENGINEER
May 11 2018
as E.A. Etk
ENGINEER OF DESIGN AND ENVIRONMENT
May 11 2018
David P. Chaf
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**



HNTB CORPORATION
CIVIL

Matthew A. Miller 1/19/2018
DATE

MATTHEW A. MILLER
ILLINOIS REGISTRATION NO: 062-060879
EXP DATE: 11/30/2019
APPLY TO SHEETS:
1-58, 67-85, 91-95, 97-100, 215-226, 270-272,
274-275, 372-454C, 573-574, 603-734



exp U.S. SERVICES INC.
CIVIL

P. Boroumand 1/19/2018
DATE

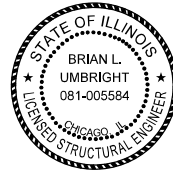
PARVIZ BOROUMAND
ILLINOIS REGISTRATION NO: 062-046387
EXP DATE: 11/30/2019
APPLY TO SHEETS:
59-66, 101-207, 227-252A, 575-602



HNTB CORPORATION
ELECTRICAL

Matt Durning 1/19/2018
DATE

MATTHEW C. DURNING
ILLINOIS REGISTRATION NO: 062-055699
EXP DATE: 11/30/2019
APPLY TO SHEETS:
315-371



exp U.S. SERVICES, INC.
STRUCTURAL

Brian L. Umbright 1/19/2018
DATE

BRIAN L. UMBRIGHT
ILLINOIS REGISTRATION NO: 081-005584
EXP DATE: 11/30/2018
APPLY TO SHEETS:
491-516, 543-572



RUBINOS & MESIA ENGINEERS INC
CIVIL

Mohsen M. Farahany 1/19/2018
DATE

MOHSEN M. FARAHANY
ILLINOIS REGISTRATION NO: 062-43875
EXP DATE: 11/30/2019
APPLY TO SHEETS:
96



AMES ENGINEERING, INC.
CIVIL

Mir Ali Khan 1/19/2018
DATE

MIR ALIKHAN
ILLINOIS REGISTRATION NO: 062-054268
EXP DATE: 11/30/2019
APPLY TO SHEETS:
254-269, 273



HNTB CORPORATION
STRUCTURAL

Johann F. Aakre 1/19/2018
DATE

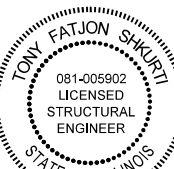
JOHANN F. AAKRE
ILLINOIS REGISTRATION NO: 081-006828
EXP DATE: 11/30/2018
APPLY TO SHEETS:
86-90, 276-308



ATLAS ENGINEERING
CIVIL

Yemi O. Oyewole 1/19/2018
DATE

YEMI O. OYEWOLE
ILLINOIS REGISTRATION NO: 062-058164
EXP DATE: 11/30/2019
APPLY TO SHEETS:
206-211, 303-308



HNTB CORPORATION
STRUCTURAL

Tony Fatjon Shkurti 1/19/2018
DATE

TONY FATJON SHKURTI
ILLINOIS REGISTRATION NO: 081-005902
EXP DATE: 11/30/2018
APPLY TO SHEETS:
459-466, 529-542



RUBINOS & MESIA ENGINEERS INC
STRUCTURAL

Mohsen M. Farahany 1/19/2018
DATE

MOHSEN M. FARAHANY
ILLINOIS REGISTRATION NO: 081-005131
EXP DATE: 11/30/2018
APPLY TO SHEETS:
455-458, 467-490, 517-528

HNTB CORPORATION
ONE SOUTH WACKER DRIVE, SUITE 900
CHICAGO, IL 60606
(312) 930-9119

exp U.S. SERVICES INC.
205 N. MICHIGAN AVE, SUITE 3600
CHICAGO, IL 60601
(312) 616-0000

ATLAS ENGINEERING GROUP LTD.
3100 DUNDEE ROAD, SUITE 502
NORTHBROOK, IL 60062
(847) 753-8020

AMES ENGINEERING, INC.
5413 WALNUT DRIVE, SUITE 2F
DOWNERS GROVE, IL 60515
(630) 737-1987

RUBINOS & MESIA ENGINEERS INC
200 S MICHIGAN AVE, SUITE 1500
CHICAGO, IL 60604
(312) 663-5879



USER NAME = mksrby	DESIGNED MMK	REVISED - -
	DRAWN MMK	REVISED -
PLOT SCALE = 24.0000' / ft.	CHECKED MAM	REVISED -
PLOT DATE = 1/23/2018	DATE 01/19/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
SIGNATURE SHEET

SCALE: N/A SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-2	COOK	734	2
				CONTRACT NO. 60Y39
ILLINOIS FED. AID PROJECT				

INDEX OF SHEETS

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1	TITLE SHEET
2	SIGNATURE SHEET
3	INDEX OF SHEETS AND STANDARD DETAILS
4	GENERAL NOTES AND PROJECT COMMITMENTS
5	HMA MIXTURE TABLE
6 - 37	SUMMARY OF QUANTITIES
38 - 42	TYPICAL SECTIONS
43 - 58	SCHEDULE OF QUANTITIES
59 - 66	ALIGNMENT & TIES
67 - 72	REMOVAL PLAN
73 - 78	PROPOSED PLAN
79 - 85	PROPOSED PROFILE
86 - 95	ROADWAY DETAILS
96 - 96A	ADA RAMP LAYOUT
97 - 100	PAVEMENT ELEVATION TABLES
101	SUGGESTED STAGING AND TRAFFIC CONTROL - GENERAL NOTES
102	SUGGESTED STAGING AND TRAFFIC CONTROL - STAGING SEQUENCE
103 - 115	SUGGESTED STAGING AND TRAFFIC CONTROL - TYPICAL SECTIONS
116 - 117	SUGGESTED STAGING AND TRAFFIC CONTROL - STAGING ALIGNMENTS
118	SUGGESTED STAGING AND TRAFFIC CONTROL - TEMPORARY RAMP PROFILE
119	SUGGESTED STAGING AND TRAFFIC CONTROL - DETOUR
120 - 144	SUGGESTED STAGING AND TRAFFIC CONTROL - WB PRESTAGE
145 - 176	SUGGESTED STAGING AND TRAFFIC CONTROL - WB STAGE 1
177 - 200	SUGGESTED STAGING AND TRAFFIC CONTROL - WB STAGE 2
201	SUGGESTED STAGING AND TRAFFIC CONTROL - DETAIL
202 - 207	SUGGESTED STAGING AND TRAFFIC CONTROL - TEMP INFO SIGNS
208 - 214	EROSION AND SEDIMENT CONTROL PLAN
215 - 226	EXISTING UTILITIES PLAN
227 - 233	EXISTING DRAINAGE REMOVAL PLAN
234 - 239	PROPOSED DRAINAGE PLAN
240 - 245	PROPOSED DRAINAGE PROFILES
246 - 250	PROPOSED DRAINAGE SCHEDULE
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258 - 263	PAVEMENT MARKING AND SIGNAGE PLAN
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454C	INDEX OF SHEETS AND STANDARD DETAILS
455 - 458	RETAINING WALL WB-7 STRUCTURE NO. 016 -2047 PLANS
459 - 466	RETAINING WALL WB-6 STRUCTURE NO. 016-1355 PLANS
467 - 478	RETAINING WALL WB-1 STRUCTURE NO. 016-2036 PLANS
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491 - 516	RETAINING WALL WB-3 STRUCTURE NO. 016-2289 PLANS
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549 - 553	EXISTING RETAINING WALL REPAIR PLANS STRUCTURE NO. 016-2294
554 - 562	EXISTING RETAINING WALL REPAIR PLANS STRUCTURE NO. 016-2295
563 - 571	EXISTING RETAINING WALL REPAIR PLANS STRUCTURE NO. 016-1354
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573 - 574	CROSS SECTION INDEX
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586 - 588	CROSS SECTION TEMPORARY: CUMBERLAND RAMP DD
589 - 593	CROSS SECTION TEMPORARY: CUMBERLAND RAMP CC
594 - 596	CROSS SECTION TEMPORARY: CUMBERLAND RAMP C
597 - 602	CROSS SECTION TEMPORARY: HARLEM RAMP D
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653 - 655	CROSS SECTIONS: CUMBERLAND RAMP "CC"
656	CROSS SECTIONS: CUMBERLAND RAMP "C"
657 - 703	DISTRICT 1 DETAILS
704 - 734	TOLLWAY STANDARDS

IDOT HIGHWAY STANDARDS

STD. NO.	TITLE
000001 - 06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001 - 02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001 - 07	TEMPORARY EROSION CONTROL SYSTEMS
420001 - 09	PAVEMENT JOINTS
482001 - 02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
542001 - 06	CONCRETE END SECTIONS FOR PIPE CULVERTS 15" THRU 84" DIA.
601001 - 05	PIPE UNDERDRAINS
601101 - 02	CONCRETE HEADWALL FOR PIPE DRAIN
602001 - 02	CATCH BASIN TYPE A
602301 - 04	INLET - TYPE A
602401 - 04	MANHOLE TYPE A
602406 - 08	MANHOLE TYPE A 6' DIAMETER
602411 - 06	MANHOLE TYPE A 7' DIAMETER
602416 - 06	MANHOLE TYPE A 8' DIAMETER
602421 - 06	MANHOLE TYPE A 9' DIAMETER
602601 - 05	PRECAST REINFORCED FLAT SLAB TOP
602701 - 02	MANHOLE STEPS
604001 - 04	FRAME AND LIDS TYPE 1
604036 - 03	GRATE TYPE 8
604041 - 03	FRAME AND GRATE TYPE 9
604046 - 03	FRAME AND GRATE TYPE 10
604071 - 05	FRAME AND GRATE TYPE 20
604086 - 03	FRAME AND GRATE TYPE 23
606001 - 07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606006 - 04	OUTLET FOR CONCRETE CURB AND GUTTER, TYPE B-6,24 (B-15,60)
606101 - 05	TYPE A GUTTER (INLET, OUTLET & ENTRANCE)
606201 - 04	TYPE B GUTTER (INLET, OUTLET & ENTRANCE)
606301 - 04	PC CONCRETE ISLANDS AND MEDIANS
606401 - 02	PAVED DITCH
630001 - 12	STEEL PLATE BEAM GUARDRAIL
630201 - 07	PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301 - 08	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011 - 10	TRAFFIC BARRIER TERMINAL, TYPE 2
631033 - 07	TRAFFIC BARRIER TERMINAL, TYPE 6B
631046 - 04	TRAFFIC BARRIER TERMINAL, TYPE 10
635001 - 02	DELINEATORS
635006 - 03	REFLECTOR AND TERMINAL MARKER PLACEMENT
637001 - 05	CONCRETE BARRIER, DOUBLE FACE, 32IN. (815 mm) HEIGHT
642001 - 02	SHOULDER RUMBLE STRIPS, 16 IN.
643001 - 02	SAND MODULE IMPACT ATTENUATORS
664001 - 02	CHAIN LINK FENCE
701101 - 05	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106 - 02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701301 - 04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311 - 03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701400 - 09	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401 - 11	LANE CLOSURE, FREEWAY/EXPRESSWAY
701411 - 09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS >= 45 MPH
701427 - 05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS >= 45 MPH
701428 - 01	TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY/EXPRESSWAY
701446 - 09	TWO LANE CLOSURE FREEWAY/EXPRESSWAY
701501 - 06	URBAN LANE CLOSURE, 2L, 2W UNDIVIDED
701601 - 09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NON TRAVERSABLE MEDIAN
701606 - 10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701611 - 01	URBAN HALF ROAD CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701 - 10	URBAN LANE CLOSURE MULTILANE INTERSECTION
701801 - 06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901 - 07	TRAFFIC CONTROL DEVICES
704001 - 08	TEMPORARY CONCRETE BARRIER

IDOT HIGHWAY STANDARDS (CONT.)

STD. NO.	TITLE
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720006 - 04	SIGN PANEL ERECTION DETAILS
720011 - 01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
720021 - 02	SIGN PANELS - EXTRUDED ALUMINUM TYPE
725001 - 01	OBJECT AND TERMINAL MARKERS
728001 - 01	TELESCOPING STEEL SIGN SUPPORT
729001 - 01	APPLICATION FOR TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
731001 - 01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001 - 05	TYPICAL PAVEMENT MARKINGS
781001 - 04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
805001 - 01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001 - 03	HANDHOLES
782006 -	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

DISTRICT 1 DETAILS

STD. NO.	TITLE
BD-03	OUTLET FOR CONCRETE CURB AND GUTTER
BD-07	STORM SEWER CONNECTION TO EXISTING SEWER
BD-08	FRAMES AND LIDS ADJUSTMENT WITH MILLING; AND FRAMES AND LIDS ADJUSTMENTS WITHOUT MILLING
BD-12	MANHOLE WITH RESTRICTOR PLATE
BD-22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
BD-27	CONCRETE BARRIER TRANSITION, GENERAL DETAILS AND CONCRETE BARRIER BASE
BD-29	CONC. BARRIER WALL & PIER SLOPE WALL PROTECTION DETAIL
BD-32	BUTT JOINTS AND HMA TAPER
BD-34	DETAILS FOR DEPRESSED CURB & GUTTER AND SHOULDER TREATMENT AT TBT TY 1 SPL.
BD-37	MANHOLE TYPE A 7 FT. DIAMETER
BD-47	CATCH BASIN, INLET AND MANHOLE DETAILS
BD-58	CITY OF CHICAGO DETECTABLE WARNINGS
BE-205	LIGHTING CONTROLLER, BASE MOUNTED, 480 VOLT, 200 AMP (DUAL) RADIO SCADA
BE-301	LIGHT POLE FOUNDATION - 40 TO 47 1/2' M.H. 15' BOLT CIRCLE
BE-410	DAVIT LIGHT POLE 479*32-69*32 (14,478m) MOUNTING HEIGHT
BE-701	LUMINAIRE SAFETY CABLE ASSEMBLY
BE-702	MISC. ELECTRICAL DETAILS - SHEET A
BE-703	MISC. ELECTRICAL DETAILS B J BOX EMBEDDED IN BARRIER WALL
BE-705	COMMUNICATIONS VAULT, COMPOSITE CONCRETE
BE-800	TEMPORARY LIGHT POLE DETAILS
BE-801	TEMPORARY AERIAL CABLE INSTALLATION
BE-900	SUSPENDED MOUNT UNDERPASS LUMINAIRE INSTALLATION DETAILS
TC-08	ENTRANCE AND EXIT RAMP CLOSURE DETAILS
TC-09	TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE & MULTI-LANE WEAVE
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC-11	RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT)
TC-12	MULTI-LANE FREEWAY PAVEMENT MARKING (2 SHEETS)
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKING
TC-16	PAVEMENT MARKINGS LETTERS AND SYMBOLS FOR TRAFFIC STAGING
TC-17	TRAFFIC CONTROL FOR SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES
TC-18	SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS
TC-21	DETOUR SIGNING FOR CLOSING STATE HIGHWAYS
TC-22	ARTERIAL ROAD INFORMATION SIGN
TC-26	DRIVEWAY ENTRANCE SIGNING
TC-27	MILE POST MARKERS - GORE SIGNS MAJOR GUIDE SIGN LAYOUT - ARROWS
TS-02	DISTRICT 1 MAST ARM MOUNTED STREET NAME SIGNS
TS-05	STANDARD TRAFFIC SIGNAL DESIGN DETAILS

TOLLWAY STANDARDS

STD. NO.	TITLE
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C1-09	GALVANIZED STEEL PLATE BEAM GUARDRAIL
C6-09	SHOULDER WIDENING FOR TRAFFIC TERMINAL TYPE T1 (SPECIAL)
C10-08	TRAFFIC BARRIER TERMINAL, TYPE T6B
C12-07	SHOULDER WIDENING FOR TRAFFIC BARRIER TERMINAL, TYPE T1-A (SPECIAL)
D4-06	DELINEATORS
D5-06	PERMANENT PAVEMENT MARKING
D6-07	PAVEMENT MARKING AND SHOULDER RUMBLE STRIP DETAILS
D8-02	RAISED PAVEMENT LANE MARKER
E1-06	CONSTRUCTION SIGNS
E2-07	LANE CLOSURE DETAILS
E3-06	SHOULDER CLOSURE DETAILS
E6-03	CONTRACTOR ACCESS TO WORK AREA
F9-04	BREAKAWAY SIGN SUPPORT DETAILS

	USER NAME = mksrby	DESIGNED MMK	REVISED - -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	<p align="center">I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE INDEX OF DRAWINGS AND HIGHWAY STANDARDS</p>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN MMK	REVISED -			90	(1517 & 1415) R-2	COOK	734	3
	PLOT SCALE = 2.0000' / 1in.	CHECKED MAM	REVISED -			CONTRACT NO. 60Y39				
	PLOT DATE = 1/29/2018	DATE 01/19/2018	REVISED -			SCALE: N/A	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	

GENERAL NOTES

1. SEVENTY-TWO (72) HOURS BEFORE STARTING EXCAVATION, THE CONTRACTOR SHALL CALL DIGGER (CHICAGO UTILITY ALERT NETWORK) AT (312) 744-7000 TO HAVE THE LOCATION OF EXISTING UNDERGROUND UTILITIES MARKED IN THE FIELD.
2. THE CONTRACTOR SHALL CONTACT ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT) DISTRICT 1 BUREAU OF TRAFFIC AT (847) 705-4151 A MINIMUM OF SEVENTY-TWO HOURS PRIOR TO ANY PLACEMENT OR RELOCATION OF MAINTENANCE OF TRAFFIC DEVICES.
3. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS TO PERFORM WORK.
4. EXCEPT WHERE DESIGNATED OTHERWISE, THE LOCATIONS AND/OR DEPTHS OF UNDERGROUND UTILITIES SHOWN HAVE BEEN TAKEN FROM OFFICE RECORD INFORMATION FURNISHED BY THE UTILITY OWNERS AND THE SUE SURVEYS. ALL UNDERGROUND UTILITIES MUST BE CONSIDERED APPROXIMATE.
5. 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 CONTRACTORS EXPENSE.
6. THE CONTRACTOR SHALL COORDINATE WORK WITH UTILITIES IN ADVANCE OF WORKING IN THE VICINITY OF THEIR FACILITIES, AND ALLOW SUFFICIENT TIME FOR THEM TO PERFORM ADJUSTMENTS TO THEIR FACILITIES IN ACCORDANCE WITH THE CONTRACTOR'S SCHEDULE. COORDINATION EFFORTS SHALL BE INCLUDED IN THE COST OF THE CONTRACT BID PRICE.
7. THE CONTRACTOR MUST CALL THE IDOT ELECTRICAL MAINTENANCE CONTRACTOR TO LOCATE IDOT FACILITY CABLES.
8. ALL SEWER AND WATER SERVICES CROSSED BY NEW STORM SEWERS SHALL BE PROPERLY LOCATED AND PROTECTED DURING CONSTRUCTION. ANY DAMAGE DONE TO SAID SERVICES NOT CONSIDERED TO BE IN CONFLICT WITH THE PROPOSED CONSTRUCTION SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE.
9. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
10. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
11. ALL ELEVATIONS REFER TO USGS MEAN SEA LEVEL DATUM.
12. THE PAVEMENT ELEVATIONS SHOWN ON THE PLANS ARE FINISHED GRADES OR SURFACE COURSE, UNLESS OTHERWISE INDICATED.
13. 10 FT TRANSITIONS SHALL BE USED TO MATCH PROPOSED ITEMS OF WORK TO EXISTING ITEMS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEM OF WORK SPECIFIED.
14. BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE "BUTT JOINT AND HMA TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
15. THE COST OF FULL OR PARTIAL DEPTH SAW CUTS REQUIRED FOR REMOVAL ITEMS SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT PRICE FOR THE ITEM.
16. THE ACTUAL NEED FOR AGGREGATE SUBGRADE IMPROVEMENT SHALL BE DETERMINED IN THE FIELD FOR SOILS THAT TEND TO BE UNSUITABLE OR UNSTABLE. THE ACTUAL NEED FOR REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC AND/OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 AND THE UNDERCUT GUIDELINES IN THE IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/ OR UNSUITABLE MATERIAL IS ENCOUNTERED, THE SOIL SHALL BE REMOVED AND REPLACED WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) OR EMBANKMENT AS DETERMINED BY THE GEOTECHNICAL ENGINEER. IF UNSTABLE AND/ OR UNSUITABLE MATERIAL IS NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE THE CONTRACTOR.

GENERAL NOTES (CONTINUED)

18. THE CITY OF CHICAGO MAY NEED TO MAKE ADJUSTMENTS TO THEIR STREET LIGHTING AND/OR TRAFFIC FACILITIES FOR STAGING ACTIVITIES. THE CONTRACTOR SHALL COORDINATE HIS WORK AND COOPERATE WITH THE CITY OF CHICAGO IN THESE ADJUSTMENTS. THIS COORDINATION AND COOPERATION BY THE CONTRACTOR WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COSTS OF THE CONTRACT.
19. WHEN ARTIFICIAL LIGHTING IS USED IN NIGHT OPERATIONS THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC, AIR TRAFFIC AND ADJOINING COMMERCIAL AREAS.
20. BARRICADES: TYPE I, TYPE II, AND TYPE III BARRICADES SHALL BE WEIGHTED IN A MANNER APPROVED BY THE MANUFACTURER SO THEY ARE NOT MOVED BY TRAFFIC.
21. TEMPORARY PAVEMENT MARKING SHALL CONSIST OF EPOXY OR POLYUREA PAVEMENT MARKING, AT THE OPTION OF THE CONTRACTOR. EPOXY OR POLYUREA PAVEMENT MARKING MATERIALS SHALL BE ACCORDING TO ARTICLES 1095.04 AND 1095.08 RESPECTIVELY OF THE STANDARD SPECIFICATIONS.
22. PAVEMENT MARKING TAPE TYPE IV SHALL BE USED ON THE FINAL WEARING SURFACE. TEMPORARY PAVEMENT MARKING CONSISTING OF EPOXY OR POLYUREA PAVEMENT MARKING SHALL NOT BE APPLIED TO THE FINAL WEARING SURFACE UNLESS AUTHORIZED BY THE ENGINEER FOR THE LATE SEASON APPLICATION WHERE TAPE ADHESION WOULD BE A PROBLEM.
23. THE DEPARTMENT HAS NOT OBTAINED ANY PERMITS FOR OFFSITE BORROW, WASTE, USE (BWU) AREAS. PRIOR TO WORKING IN BWU AREAS, IF THE CONTRACTOR CHOOSES TO USE ACTIVITIES REQUIRING PERMITS IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE PROPER PERMITS. IN ADDITION TO THE BORROW REVIEW (BDE 2289) AND USE/WASTE REVIEW (BDE 2290) SUBMITTALS, THE CONTRACTOR 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 ALLOWED.

DRAINAGE GENERAL NOTES

1. SEE DRAINAGE DETAIL SHEETS FOR DRAINAGE STRUCTURE OFFSET AND RIM ELEVATION LOCATION.
2. THE COST OF MAKING SEWER AND UNDERDRAIN CONNECTIONS TO DRAINAGE STRUCTURES AND BREAKING NEW HOLES INTO EXISTING OR PROPOSED DRAINAGE STRUCTURES SHALL BE CONSIDERED INCLUDED IN THE COST FOR DRAINAGE WORK.
3. PROPOSED RIM AND INVERT ELEVATIONS ARE BASED ON EXISTING THEORETICAL GRADES. ACTUAL FINAL GRADES ARE SUBJECT TO NOMINAL VARIATIONS. ADJUSTMENT OF PROPOSED CASTINGS TO FINAL GRADES IS INCLUDED IN THE COST OF THE RELATED DRAINAGE STRUCTURE. ADJUSTMENT OF PROPOSED PIPE INVERTS TO FINAL GRADES IS INCLUDED IN THE COST OF THE RELATED DRAINAGE PIPE.
4. SUFFICIENT DRAINAGE FACILITIES SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION TO FACILITATE SURFACE RUNOFF. WHEN ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTER, OR DRAINAGE STRUCTURES SO THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF THE CONSTRUCTION OPERATIONS ALL DRAINAGE STRUCTURES SO AFFECTED SHALL BE FREE FROM DIRT AND DEBRIS. THIS WORK SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PLAN HIS OPERATIONS, WITH THE APPROVAL OF THE ENGINEER IN THE FIELD, SO AS TO UTILIZE THE FACILITIES PROVIDED TO PREVENT LOCAL FLOODING AND ENSURE PROPER SURFACE RUNOFF. ANY MINOR DITCH GRADING AND ANY BULKHEADING AS DIRECTED BY THE ENGINEER, NECESSARY TO PROVIDE FOR THE INTERIM DRAINAGE WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
5. ALL STORM SEWERS, PIPE CULVERTS, CATCH BASINS, MANHOLES, INLETS AND SIMILAR STRUCTURES NEWLY CONSTRUCTED, ADJUSTED OR RECONSTRUCTED UNDER THE CONTRACT SHALL BE CLEANED OF ANY ACCUMULATION OF SILT, DEBRIS, OR FOREIGN MATTER OF ANY KIND AND SHALL BE FREE FROM SUCH ACCUMULATIONS AT THE TIME OF FINAL INSPECTION. THE COST OF ANY CLEANING REQUIRED TO COMPLY WITH THIS REQUIREMENT WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE WORK.
6. THE CONTRACTOR SHALL VERIFY EXISTING OUTLET STRUCTURE LOCATION AND INVERTS PRIOR TO STARTING UPSTREAM STORM SEWER CONNECTION AND CONSTRUCTION.
7. PIPE UNDERDRAINS TYPE 2 SHALL BE INSTALLED ACCORDING TO SECTION 601 OF THE SSRBC AND STANDARD 601001-05. TOP OF PIPE UNDERDRAINS SHALL BE PLACED 6" BELOW THE SUBGRADE OR UNDERCUT. THE COST OF MAKING PIPE UNDERDRAIN CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE PIPE UNDERDRAINS.



USER NAME = mamiller	DESIGNED MMK	REVISED - -
	DRAWN MMK	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED MAM	REVISED -
PLOT DATE = 3/14/2018	DATE 01/19/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
GENERAL NOTES**

SCALE: N/A SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-2	COOK	734	4
CONTRACT NO. 60Y39				
ILLINOIS FED. AID PROJECT				

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	PERCENT AIR VOIDS @ NDES	THICKNESS	OMP
PAVEMENT RESURFACING: I-90			
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA N80 (IL-12.5mm)	3.5% @ 80 GYR	2"	PFP
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, SMA N80 (IL-12.5mm)	3.5% @ 80 GYR	2"	PFP
INTERIOR SHOULDER RESURFACING: I-90			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5mm)	4% @ 70 GYR	2"	OCP
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	4% @ 70 GYR	2-1/4"	OCP
INTERIOR SHOULDER RECONSTRUCTION: I-90			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5mm)	4% @ 70 GYR	2"	OCP
HMA BASE COURSE WIDENING (HMA BINDER IL-19mm)	4% @ 70 GYR	12"	OCP
PAVEMENT WIDENING: I-90			
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA N80 (IL-12.5mm)	3.5% @ 80 GYR	2"	PFP
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, SMA N80 (IL-12.5mm)	3.5% @ 80 GYR	2"	PFP
HMA BASE COURSE (HMA BINDER IL-19mm)	4% @ 70 GYR	9-3/4"	OCP
EXTERIOR SHOULDER RECONSTRUCTION / CONSTRUCTION: I-90			
HOT-MIX ASPHALT SHOULDERS, 13 3/4"			
HMA SURFACE COURSE, MIX "D", N70 (IL-9.5mm)	4% @ 70 GYR	2"	OCP
HMA SHOULDER (HMA BINDER IL-19mm)	4% @ 70 GYR	11-3/4"	OCP
PAVEMENT RECONSTRUCTION / WIDENING: CANFIELD AVE RAMP			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5mm)	4% @ 70 GYR	2"	OCP
HMA BASE COURSE (HMA BINDER IL-19mm)	4% @ 70 GYR	7-3/4"	OCP
SHOULDER RECONSTRUCTION / CONSTRUCTION: CANFIELD AVE RAMP			
HOT-MIX ASPHALT SHOULDERS, 9 3/4"			
HMA SURFACE COURSE, MIX "D", N70 (IL-9.5mm)	4% @ 70 GYR	2"	OCP
HMA SHOULDER (HMA BINDER IL-19mm)	4% @ 70 GYR	7-3/4"	OCP
SHOULDER RECONSTRUCTION / CONSTRUCTION: HARLEM AVE RAMP			
HOT-MIX ASPHALT SHOULDERS, 11 1/4"			
HMA SURFACE COURSE, MIX "D", N70 (IL-9.5mm)	4% @ 70 GYR	2"	OCP
HMA SHOULDER (HMA BINDER IL-19mm)	4% @ 70 GYR	9-1/4"	OCP
PAVEMENT RECONSTRUCTION / RESURFACING / WIDENING: HARLEM AVE RAMP			
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA N80 (IL-12.5mm)	3.5% @ 80 GYR	2"	PFP
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, SMA N80 (IL-12.5mm)	3.5% @ 80 GYR	2"	PFP
HMA BASE COURSE (HMA BINDER IL-19mm)	4% @ 70 GYR	7-1/4"	OCP

MIXTURE TYPE	PERCENT AIR VOIDS @ NDES	THICKNESS	OMP
SHOULDER RECONSTRUCTION / CONSTRUCTION: ALL CUMBERLAND AVE RAMPS			
HOT-MIX ASPHALT SHOULDERS, 10 1/4"			
HMA SURFACE COURSE, MIX "D", N70 (IL-9.5mm)	4% @ 70 GYR	2"	OCP
HMA SHOULDER (HMA BINDER IL-19mm)	4% @ 70 GYR	8-1/4"	OCP
RECONSTRUCTION: ALL CUMBERLAND AVE RAMPS			
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10 1/4"			
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70 (IL-9.5mm)	4% @ 70 GYR	2"	OC/OA
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	4% @ 90 GYR	2-1/4"	OC/OA
HMA BINDER COURSE (IL-19mm), N90	4% @ 90 GYR	6"	OCP
TEMPORARY PAVEMENT (SEE NOTE 4)			
HMA SURFACE COURSE, MIX "D", N70 (IL-9.5mm)	4% @ 70 GYR	2"	OCP
TEMP PVMT (HMA BINDER IL-19mm)	4% @ 70 GYR	8"	OCP
OUTSIDE SHOULDER AND LANE LINE RESURFACING: I-90 / I-190 (FOR STAGING)			
HMA SURFACE COURSE, MIX "D", N70 (IL-9.5mm)	4% @ 70 GYR	2"	OCP
PAVEMENT WIDENING: WB I-190 & I-90 WB CD			
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, N80 (IL-12.5mm)	3.5% @ 80 GYR	2"	PFP
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, SMA, N80 (IL-12.5mm)	3.5% @ 80 GYR	2"	PFP
HMA BASE COURSE (HMA BINDER IL-19mm)	4% @ 70 GYR	8-3/4"	OCP
SHOULDER RECONSTRUCTION/CONSTRUCTION: I-190			
HOT-MIX ASPHALT SHOULDERS, 12 3/4"			
HMA SURFACE COURSE, MIX "D", N70 (IL-9.5mm)	4% @ 70 GYR	2"	OCP
HMA SHOULDER (HMA BINDER IL-19mm)	4% @ 70 GYR	10-3/4"	OCP
PAVEMENT PATCHING			
CLASS D PATCHES (HMA BINDER IL-19mm)	4% @ 70 GYR	12"	OC/OA
OMP DESIGNATION: QUALITY CONTROL / QUALITY ASSURANCE (OC/OA); QUALITY CONTROL FOR PERFORMANCE (OCP); PAY FOR PERFORMANCE (PFP)			

1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SO YD/INCH THICKNESS.
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXTURES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE SPECIAL PROVISIONS.
3. QUALITY MANAGEMENT PROGRAM (OMP) IDENTIFIES THE QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.
4. PCC TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATIONS; THICKNESS SHALL BE 8". TEMPORARY PCC PAVEMENT DOES NOT REQUIRE DOWEL BARS.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS – TOLLWAY

LOCATION	OPERATIONS	PAY ITEM	DESIGNATION	UNIT	AC TYPE	VOIDS	MAX. RAP %	MAX. RAS %	TYPICAL THICKNESS	MIX TYPE	NOTES
AS SHOWN ON THE DRAWINGS	ASPHALT SHOULDERS, 9"	J1482112	WARM-MIX ASPHALT SHOULDERS (9")	SO YD	PG 64-22/58-22/	4% @ 70 GYR	10% RAP, 30% CAT. 2 FRAP, & 35% CAT. 1 FRAP	5	1.75"	WARM MIX ASPHALT SURFACE COURSE, MIX D, N70	SEE RAP AND RAS SPECIAL PROVISIONS FOR ASPHALT GRADE REQUIREMENTS AND MAXIMUM BINDER REPLACEMENT PERCENTAGES.
					PG 64-22/58-22/ OR 58-28	4% / 3% @ 50 GYR	30% RAP, 40% CAT. 2 FRAP, & 45% CAT. 1 FRAP	5	6.25" (2 EQUAL LIFTS, 4" MAX)	WARM MIX ASPHALT BINDER COURSE, IL-19.0, N50	SEE RAP AND RAS SPECIAL PROVISIONS FOR ASPHALT GRADE REQUIREMENTS AND MAXIMUM BINDER REPLACEMENT PERCENTAGES.
AS SHOWN ON THE DRAWINGS	STABILIZED SUBBASE UNDER PCC PAVEMENT	J1312022	STABILIZED SUBBASE- WMA, 3"	SO YD	PG 58-22/58-28	2% @ 50 GYR	30% RAP, 40% CAT. 2 FRAP, & 45% CAT. 1 FRAP	5	3"	WARM MIX ASPHALT BASE COURSE, N50	SEE RAP AND RAS SPECIAL PROVISIONS FOR ASPHALT GRADE REQUIREMENTS AND MAXIMUM BINDER REPLACEMENT PERCENTAGES.

- THE CLASSIFICATIONS FOR FRACTIONATED RECLAIMED ASPHALT PAVEMENT (FRAP) ARE DEFINED WITHIN THE SPECIAL PROVISION FOR RECLAIMED ASPHALT PAVEMENT.
- QUANTITIES ASPHALT MIXES ARE BASED ON THE DENSITY VALUE OF 112.0 LBS/SO YD/IN.
- FOR EVERY PERCENT OF RAS INCORPORATED INTO THE MIXES, THE MAXIMUM RAP OR FRAP CONTENTS SHALL BE REDUCED AN EQUIVALENT AMOUNT.



USER NAME = mksrby	DESIGNED MMK	REVISED - -
	DRAWN MMK	REVISED -
PLOT SCALE = 24.0000' / Ft.	CHECKED MAM	REVISED -
PLOT DATE = 3/22/2018	DATE 01/19/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

SCALE: N/A SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-2	COOK	734	5
			CONTRACT NO. 60Y39	
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	90/10	90/10	CONSTRUCTION CODE													
				FED / STATE	FED / STATE	A	B	C	D	E	F	G	H	I	J	K	L	M	N
						0003	0021	0021	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	1,437	1,437															
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	675	675															
20101000	TEMPORARY FENCE	FOOT	4,679	4,679															
20101100	TREE TRUNK PROTECTION	EACH	12	12															
20101200	TREE ROOT PRUNING	EACH	20	20															
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	20	20															
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	20	20															
20101700	SUPPLEMENTAL WATERING	UNIT	450	450															
20200100	EARTH EXCAVATION	CU YD	49,955	49,955															
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	20,769	20,769															
20400800	FURNISHED EXCAVATION	CU YD	9,007	9,007															
20800150	TRENCH BACKFILL	CU YD	16,387	16,387															
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SO YD	21,065	21,065															
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	31,325	31,325															

- SPECIALTY ITEM
 - A ROADWAY AND DRAINAGE
 - B LIGHTING
 - C ITS
 - D RETAINING WALL PRWB-1: SN 016-Z036
 - E RETAINING WALL PRWB-2: SN 016-Z037
 - F RETAINING WALL PRWB-3: SN 016-2289
 - G RETAINING WALL PRWB-4: SN 016-2038
 - H RETAINING WALL PRWB-5: SN 016-Z039
 - I RETAINING WALL EX-WB-B: SN 016-W755
 - J RETAINING WALL EX-WB-D: SN 016-2294
 - K RETAINING WALL EX-WB-E: SN 016-2295
 - L RETAINING WALL REPAIR EX-WB-F SN: 016-1354
 - M RETAINING WALL PRWB-6: SN 016-1355
 - N RETAINING WALL PRWB-7: SN 016-Z047

HNTB	USER NAME = mkrby	DESIGNED MAM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 2.00' / 1" =	DRAWN JAB	REVISED -		SUMMARY OF QUANTITIES			90	(1517 & 1415) R-2	COOK	734	6	
	PLOT DATE = 3/22/2018	CHECKED MAM	REVISED -		SCALE: N/A	SHEET NO. 1 OF 32 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT				
		DATE 01/19/2018	REVISED -		CONTRACT NO. 60Y39								

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE													
				A	B	C	D	E	F	G	H	I	J	K	L	M	N
				0003	0021	0021	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN		
21101605	TOPSOIL FURNISH AND PLACE, 2"	SO YD	30	30													
* 25000210	SEEDING, CLASS 2A	ACRE	4.25	4.25													
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	940	940													
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	940	940													
* 25100115	MULCH, METHOD 2	ACRE	10.50	10.50													
* 25100630	EROSION CONTROL BLANKET	SO YD	20,715	20,715													
28000200	EARTH EXCAVATION FOR EROSION CONTROL	CU YD	315	315													
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1,043	1,043													
28000305	TEMPORARY DITCH CHECKS	FOOT	540	540													
28000400	PERIMETER EROSION BARRIER	FOOT	749	749													
28000510	INLET FILTERS	EACH	241	241													
28001000	AGGREGATE (EROSION CONTROL)	TON	409	409													
28100107	STONE RIPRAP, CLASS A4	SO YD	894	894													
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	7,022	7,022													

* SPECIALTY ITEM

A ROADWAY AND DRAINAGE	F RETAINING WALL PRWB-3: SN 016-2289	K RETAINING WALL EX-WB-E: SN 016-2295
B LIGHTING	G RETAINING WALL PRWB-4: SN 016-2038	L RETAINING WALL REPAIR EX-WB-F SN: 016-1354
C ITS	H RETAINING WALL PRWB-5: SN 016-2039	M RETAINING WALL PRWB-6: SN 016-1355
D RETAINING WALL PRWB-1: SN 016-2036	I RETAINING WALL EX-WB-B: SN 016-W755	N RETAINING WALL PRWB-7: SN 016-2047
E RETAINING WALL PRWB-2: SN 016-2037	J RETAINING WALL EX-WB-D: SN 016-2294	

HNTB	USER NAME: mkrby	DESIGNED: MKK	REVISIONS: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE		F.A.I. RTE. 90	SECTION (1517 & 1415) R-2	COUNTY COOK	TOTAL SHEETS 734	SHEET NO. 7
	PLOT SCALE: 2.00' / 1" =	CHECKED: MAM	REVISIONS: -		SUMMARY OF QUANTITIES		SCALE: N/A	SHEET NO. 22 OF 32 SHEETS	STA. TO STA.	CONTRACT NO. 60Y39	
	PLOT DATE: 3/22/2018	DATE: 01/19/2018	REVISIONS: -				ILLINOIS FED. AID PROJECT			S00-02	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE														
				A	B	C	D	E	F	G	H	I	J	K	L	M	N	
				0003 URBAN	0021 URBAN	0021 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	101,405	101,405														
35501313	HOT-MIX ASPHALT BASE COURSE, 7 1/4"	SQ YD	1,024	1,024														
35501315	HOT-MIX ASPHALT BASE COURSE, 7 3/4"	SQ YD	1,521	1,521														
35501319	HOT-MIX ASPHALT BASE COURSE, 8 3/4"	SQ YD	28,189	28,189														
35501323	HOT-MIX ASPHALT BASE COURSE, 9 3/4"	SQ YD	8,530	8,530														
35600724	HOT-MIX ASPHALT BASE COURSE WIDENING, 12"	SQ YD	9,205	9,205														
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	116,336	116,336														
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	414	414														
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	441	441														
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	3,756	3,756														
40700100	BITUMINOUS MATERIALS (TACK COAT)	POUND	13,769	13,769														
40701886	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10 1/4"	SQ YD	6,120	6,120														
42001300	PROTECTIVE COAT	SQ YD	5,681	5,681														
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	902	902														

• SPECIALTY ITEM

- | | | |
|--------------------------------------|---------------------------------------|--|
| A ROADWAY AND DRAINAGE | F RETAINING WALL PRWB-3: SN 016-2289 | K RETAINING WALL EX-WB-E: SN 016-2295 |
| B LIGHTING | G RETAINING WALL PRWB-4: SN 016-2038 | L RETAINING WALL REPAIR EX-WB-F SN: 016-1354 |
| C ITS | H RETAINING WALL PRWB-5: SN 016-2039 | M RETAINING WALL PRWB-6: SN 016-1355 |
| D RETAINING WALL PRWB-1: SN 016-2036 | I RETAINING WALL EX-WB-B: SN 016-W755 | N RETAINING WALL PRWB-7: SN 016-2047 |
| E RETAINING WALL PRWB-2: SN 016-2037 | J RETAINING WALL EX-WB-D: SN 016-2294 | |

S00-03

HNTB	USER NAME = mkrby	DESIGNED MKR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE		F.A.I. RTE. 90	SECTION 0517 & 1415 R-2	COUNTY COOK	TOTAL SHEETS 734	SHEET NO. 8
	PLOT SCALE = 2.00" / 1"	DRAWN JAB	REVISED -		SUMMARY OF QUANTITIES		CONTRACT NO. 60Y39		ILLINOIS FED. AID PROJECT		
	PLOT DATE = 3/22/2018	CHECKED MAM	REVISED -		SCALE: N/A	SHEET NO. 3 OF 32 SHEETS	STA. TO STA.				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE													
				A	B	C	D	E	F	G	H	I	J	K	L	M	N
				0003	0021	0021	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044
44000100	PAVEMENT REMOVAL	SQ YD	40,190	40,190													
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	19,322	19,322													
44000165	HOT-MIX ASPHALT SURFACE REMOVAL, 4"	SQ YD	45,334	45,334													
44000166	HOT-MIX ASPHALT SURFACE REMOVAL, 4 1/4"	SQ YD	2,731	2,731													
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	11,116	11,116													
44000600	SIDEWALK REMOVAL	SQ FT	902	902													
44001980	CONCRETE BARRIER REMOVAL	FOOT	669	669													
44003100	MEDIAN REMOVAL	SQ FT	2,612	2,612													
44004250	PAVED SHOULDER REMOVAL	SQ YD	25,209	25,209													
44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SQ YD	15	15													
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	40,332	40,332													
48101600	AGGREGATE SHOULDERS, TYPE B 8"	SQ YD	5,144	5,144													
48203036	HOT-MIX ASPHALT SHOULDERS, 9 3/4"	SQ YD	541	541													
48203038	HOT-MIX ASPHALT SHOULDERS, 10 1/4"	SQ YD	2,691	2,691													

• SPECIALTY ITEM

- A ROADWAY AND DRAINAGE
- B LIGHTING
- C ITS
- D RETAINING WALL PRWB-1: SN 016-Z036
- E RETAINING WALL PRWB-2: SN 016-Z037

- F RETAINING WALL PRWB-3: SN 016-2289
- G RETAINING WALL PRWB-4: SN 016-2038
- H RETAINING WALL PRWB-5: SN 016-2039
- I RETAINING WALL EX-WB-B: SN 016-W755
- J RETAINING WALL EX-WB-D: SN 016-2294

- K RETAINING WALL EX-WB-E: SN 016-2295
- L RETAINING WALL REPAIR EX-WB-F SN: 016-1354
- M RETAINING WALL PRWB-6: SN 016-1355
- N RETAINING WALL PRWB-7: SN 016-2047

S00-04



USER NAME = mkrby	DESIGNED MAM	REVISED -
DRAWN JAB	CHECKED MAM	REVISED -
PLOT SCALE = 2.00' / 1" =	DATE 01/19/2018	REVISED -
PLOT DATE = 3/22/2018		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
SUMMARY OF QUANTITIES

SCALE: N/A SHEET NO. 4 OF 32 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-2	COOK	734	9
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y39	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE														
				A	B	C	D	E	F	G	H	I	J	K	L	M	N	
				0003 URBAN	0021 URBAN	0021 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN
48203042	HOT-MIX ASPHALT SHOULDERS, 11 1/4"	SQ YD	377	377														
48203048	HOT-MIX ASPHALT SHOULDERS, 12 3/4"	SQ YD	7,767	7,767														
48203052	HOT-MIX ASPHALT SHOULDERS, 13 3/4"	SQ YD	12,453	12,453														
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	2							1						1		
50102400	CONCRETE REMOVAL	CU YD	75													75		
50104400	CONCRETE HEADWALL REMOVAL	EACH	10	10														
50104650	SLOPE WALL REMOVAL	SQ YD	386														386	
50200100	STRUCTURE EXCAVATION	CU YD	6,239				374	222	5,280	258						76	29	
50300225	CONCRETE STRUCTURES	CU YD	2,548				212	122	1,641	162	272					76	29	34
50300255	CONCRETE SUPERSTRUCTURE	CU YD	208						141									67
50300300	PROTECTIVE COAT	SQ YD	133													133		
50500505	STUD SHEAR CONNECTORS	EACH	2,492				745	341		498	752						66	90
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	313,826	1,608			32,740	17,720	170,880	23,980	35,830					11,568	3,090	16,410
50901730	BRIDGE FENCE RAILING	FOOT	392													392		

• SPECIALTY ITEM
 A ROADWAY AND DRAINAGE
 B LIGHTING
 C ITS
 D RETAINING WALL PRWB-1: SN 016-Z036
 E RETAINING WALL PRWB-2: SN 016-Z037
 F RETAINING WALL PRWB-3: SN 016-2289
 G RETAINING WALL PRWB-4: SN 016-Z038
 H RETAINING WALL PRWB-5: SN 016-Z039
 I RETAINING WALL EX-WB-B: SN 016-W755
 J RETAINING WALL EX-WB-D: SN 016-2294
 K RETAINING WALL EX-WB-E: SN 016-2295
 L RETAINING WALL REPAIR EX-WB-F SN: 016-1354
 M RETAINING WALL PRWB-6: SN 016-1355
 N RETAINING WALL PRWB-7: SN 016-Z047

HNTB	USER NAME = mksrby	DESIGNED MMK	REVISIONS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE SUMMARY OF QUANTITIES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 2.00' / in.	DRAWN JAB	REVISIONS		90	(1517 & 1415) R-2	COOK	734	10			
	PLOT DATE = 3/22/2018	CHECKED MAM	REVISIONS		SCALE: N/A SHEET NO. 5 OF 32 SHEETS STA. TO STA.			CONTRACT NO. 60Y39				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE														
				A	B	C	D	E	F	G	H	I	J	K	L	M	N	
				0003 URBAN	0021 URBAN	0021 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN
51200959	FURNISHING METAL SHELL PILES 14" X 0.312"	FOOT	19,112							19,112								
51202305	DRIVING PILES	FOOT	19,112							19,112								
51203200	TEST PILE METAL SHELLS	EACH	2							2								
51204650	PILE SHOES	EACH	373							373								
51500100	NAME PLATES	EACH	7				1	1	1	1	1						1	1
52200010	TEMPORARY SHEET PILING	SQ FT	17,256														17,256	
52200020	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	15,665							15,665								
52200100	FURNISHING SOLDIER PILES (HP SECTION)	FOOT	7,173				1,431	884		995	3,375						254	234
52200150	DRIVING SOLDIER PILES	FOOT	7,173				1,431	884		995	3,375						254	234
52200250	UNTREATED TIMBER LAGGING	SQ FT	16,015				4,599	2,498		3,387	4,507						324	700
54261418	CONCRETE END SECTION, STANDARD 542001, 18", 1:4	EACH	2	2														
54261448	CONCRETE END SECTION, STANDARD 542001, 48", 1:4	EACH	2	2														
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	387	387														
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	402	402														

- SPECIALTY ITEM
 - A ROADWAY AND DRAINAGE
 - B LIGHTING
 - C ITS
 - D RETAINING WALL PRWB-1: SN 016-Z036
 - E RETAINING WALL PRWB-2: SN 016-Z037
 - F RETAINING WALL PRWB-3: SN 016-2289
 - G RETAINING WALL PRWB-4: SN 016-Z038
 - H RETAINING WALL PRWB-5: SN 016-Z039
 - I RETAINING WALL EX-WB-B: SN 016-W755
 - J RETAINING WALL EX-WB-D: SN 016-2294
 - K RETAINING WALL EX-WB-E: SN 016-2295
 - L RETAINING WALL REPAIR EX-WB-F SN: 016-1354
 - M RETAINING WALL PRWB-6: SN 016-1355
 - N RETAINING WALL PRWB-7: SN 016-Z047

HNTB	USER NAME = mkrby	DESIGNED MMK	REVISIONS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE SUMMARY OF QUANTITIES			F.A.I. RTE. 90	SECTION (1517 & 1415) R-2	COUNTY COOK	TOTAL SHEETS 734	SHEET NO. 11
	PLOT SCALE = 2.00' / 1" =	DRAWN JAB	REVISIONS		SCALE: N/A	SHEET NO. 6 OF 32 SHEETS	STA. TO STA.	CONTRACT NO. 60Y39				
	PLOT DATE = 3/22/2018	CHECKED MAM	REVISIONS		ILLINOIS FED. AID PROJECT							

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE													
				A	B	C	D	E	F	G	H	I	J	K	L	M	N
				0003	0021	0021	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	647	647													
550A0110	STORM SEWERS, CLASS A, TYPE 1 21"	FOOT	125	125													
550A0190	STORM SEWERS, CLASS A, TYPE 1 48"	FOOT	254	254													
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	63	63													
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	2,565	2,565													
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	229	229													
550A0400	STORM SEWERS, CLASS A, TYPE 2 21"	FOOT	271	271													
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	434	434													
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	28	28													
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	556	556													
550A0480	STORM SEWERS, CLASS A, TYPE 2 48"	FOOT	2,881	2,881													
550A0500	STORM SEWERS, CLASS A, TYPE 2 60"	FOOT	1,966	1,966													
550A0780	STORM SEWERS, CLASS A, TYPE 3 48"	FOOT	1,269	1,269													
550A0800	STORM SEWERS, CLASS A, TYPE 3 60"	FOOT	2,162	2,162													

• SPECIALTY ITEM

- A ROADWAY AND DRAINAGE
- B LIGHTING
- C ITS
- D RETAINING WALL PRWB-1: SN 016-Z036
- E RETAINING WALL PRWB-2: SN 016-Z037

- F RETAINING WALL PRWB-3: SN 016-2289
- G RETAINING WALL PRWB-4: SN 016-2038
- H RETAINING WALL PRWB-5: SN 016-2039
- I RETAINING WALL EX-WB-B: SN 016-W755
- J RETAINING WALL EX-WB-D: SN 016-2294

- K RETAINING WALL EX-WB-E: SN 016-2295
- L RETAINING WALL REPAIR EX-WB-F SN: 016-1354
- M RETAINING WALL PRWB-6: SN 016-1355
- N RETAINING WALL PRWB-7: SN 016-Z047

S00-07



USER NAME : mkrby	DESIGNED : MMK	REVISED : -
DRAWN : JAB	CHECKED : MAM	REVISED : -
PLOT SCALE : 2.00" / 1"	DATE : 01/19/2018	REVISED : -
PLOT DATE : 3/22/2018		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
SUMMARY OF QUANTITIES

SCALE: N/A SHEET NO. 7 OF 32 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-2	COOK	734	12
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y39	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE															
				A	B	C	D	E	F	G	H	I	J	K	L	M	N		
				0003	0021	0021	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	
55100400	STORM SEWER REMOVAL 10"	FOOT	1,055	1,055															
55100500	STORM SEWER REMOVAL 12"	FOOT	715	715															
55100900	STORM SEWER REMOVAL 18"	FOOT	677	677															
55101200	STORM SEWER REMOVAL 24"	FOOT	8	8															
55101600	STORM SEWER REMOVAL 36"	FOOT	48	48															
55201800	STORM SEWERS JACKED IN PLACE, 60"	FOOT	430	430															
58700300	CONCRETE SEALER	SQ FT	36,317				4,995	2,835	15,495	3,712	5,675							3,077	528
59000200	EPOXY CRACK INJECTION	FOOT	865										72	600	193				
59100100	GEOCOMPOSITE WALL DRAIN	SO YD	2,672				511	290	642	376	386					49	340	78	
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	7	7															
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	160	160															
60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	4,878	4,878															
60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1															
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	12	12															

• SPECIALTY ITEM

- | | | |
|--------------------------------------|---------------------------------------|--|
| A ROADWAY AND DRAINAGE | F RETAINING WALL PRWB-3: SN 016-2289 | K RETAINING WALL EX-WB-E: SN 016-2295 |
| B LIGHTING | G RETAINING WALL PRWB-4: SN 016-2038 | L RETAINING WALL REPAIR EX-WB-F SN: 016-1354 |
| C ITS | H RETAINING WALL PRWB-5: SN 016-2039 | M RETAINING WALL PRWB-6: SN 016-1355 |
| D RETAINING WALL PRWB-1: SN 016-2036 | I RETAINING WALL EX-WB-B: SN 016-W755 | N RETAINING WALL PRWB-7: SN 016-2047 |
| E RETAINING WALL PRWB-2: SN 016-2037 | J RETAINING WALL EX-WB-D: SN 016-2294 | |

S00-08



USER NAME = mkrbyj	DESIGNED MMK	REVISED -
	DRAWN JAB	REVISED -
PLOT SCALE = 2.00" = 1'-0"	CHECKED MAM	REVISED -
PLOT DATE = 3/22/2018	DATE 03/19/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
SUMMARY OF QUANTITIES

F.A.L. RTE. 90	SECTION (1517 & 1415) R-2	COUNTY COOK	TOTAL SHEETS 734	SHEET NO. 13
SCALE: N/A			SHEET NO. 8 OF 32 SHEETS	
CONTRACT NO. 60Y39			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE													
				A	B	C	D	E	F	G	H	I	J	K	L	M	N
				0003	0021	0021	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044
60200905	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 9 FRAME AND GRATE	EACH	7	7													
60201005	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 10 FRAME AND GRATE	EACH	1	1													
60201310	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	38	38													
60201330	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE	EACH	5	5													
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3													
60224440	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	1	1													
60224445	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1													
60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	17	17													
60224458	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 8 GRATE, CLOSED LID	EACH	1	1													
60224459	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	12	12													
60224469	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	28	28													
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	2	2													
60236600	INLETS, TYPE A, TYPE 9 FRAME AND GRATE	EACH	4	4													
60236700	INLETS, TYPE A, TYPE 10 FRAME AND GRATE	EACH	6	6													
60237420	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	EACH	43	43													

• SPECIALTY ITEM

A ROADWAY AND DRAINAGE
 B LIGHTING
 C ITS
 D RETAINING WALL PRWB-1: SN 016-Z036
 E RETAINING WALL PRWB-2: SN 016-Z037

F RETAINING WALL PRWB-3: SN 016-2289
 G RETAINING WALL PRWB-4: SN 016-2038
 H RETAINING WALL PRWB-5: SN 016-Z039
 I RETAINING WALL EX-WB-B: SN 016-W755
 J RETAINING WALL EX-WB-D: SN 016-2294

K RETAINING WALL EX-WB-E: SN 016-2295
 L RETAINING WALL REPAIR EX-WB-F SN: 016-1354
 M RETAINING WALL PRWB-6: SN 016-1355
 N RETAINING WALL PRWB-7: SN 016-Z047

S00-09



USER NAME = mkrby	DESIGNED MAM	REVISED -
	DRAWN JAB	REVISED -
PLOT SCALE = 2.00' / 1"	CHECKED MAM	REVISED -
PLOT DATE = 3/22/2018	DATE 01/19/2018	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
 SUMMARY OF QUANTITIES

SCALE: N/A SHEET NO. 9 OF 32 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-2	COOK	734	14
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y39	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE														
				A	B	C	D	E	F	G	H	I	J	K	L	M	N	
				0003 URBAN	0021 URBAN	0021 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	12	12														
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	166	166														
60404950	FRAMES AND GRATES, TYPE 24	EACH	2	2														
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	2	2														
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	4	4														
60500040	REMOVING MANHOLES	EACH	4	4														
60500050	REMOVING CATCH BASINS	EACH	23	23														
60500060	REMOVING INLETS	EACH	39	39														
60600605	CONCRETE CURB, TYPE B	FOOT	44	44														
60602500	CONCRETE GUTTER, TYPE A	FOOT	1,824	1,824														
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	84	84														
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	1,155	1,155														
60608582	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24	FOOT	1,255	1,255														
60615400	PAVED DITCH, TYPE A-15	FOOT	150	150														

- SPECIALTY ITEM
- A ROADWAY AND DRAINAGE
- B LIGHTING
- C ITS
- D RETAINING WALL PRWB-1: SN 016-2036
- E RETAINING WALL PRWB-2: SN 016-2037
- F RETAINING WALL PRWB-3: SN 016-2289
- G RETAINING WALL PRWB-4: SN 016-2038
- H RETAINING WALL PRWB-5: SN 016-2039
- I RETAINING WALL EX-WB-B: SN 016-W755
- J RETAINING WALL EX-WB-D: SN 016-2294
- K RETAINING WALL EX-WB-E: SN 016-2295
- L RETAINING WALL REPAIR EX-WB-F SN: 016-1354
- M RETAINING WALL PRWB-6: SN 016-1355
- N RETAINING WALL PRWB-7: SN 016-2047

HNTB	USER NAME = mkrby	DESIGNED MMK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE SUMMARY OF QUANTITIES				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEET SHEETS	SHEET NO.
	PLOT SCALE = 2.00" = 1'	DRAWN JAB	REVISED -		90	(1517 & 1415) R-2	COOK	734	15				
PLOT DATE = 3/22/2018	CHECKED MAM	REVISED -	SCALE: N/A SHEET NO. 10 OF 32 SHEETS STA. TO STA.				CONTRACT NO. 60Y39		[ILLINOIS] FED. AID PROJECT				
DATE 01/19/2018	REVISED -												

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE													
				A	B	C	D	E	F	G	H	I	J	K	L	M	N
				0003 URBAN	0021 URBAN	0021 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN
60618320	CONCRETE MEDIAN SURFACE, 6 INCH	SQ FT	3,066	3,066													
61140000	STORM SEWERS (SPECIAL), 8"	FOOT	8	8													
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	2,666	2,666													
* 63000007	STEEL PLATE BEAM GUARDRAIL, TYPE B, 6 FOOT POSTS	FOOT	363	363													
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	7	7													
* 63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	EACH	4	4													
* 63100105	TRAFFIC BARRIER TERMINAL, TYPE 10	EACH	1	1													
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	9	9													
63200310	GUARDRAIL REMOVAL	FOOT	2,767	2,767													
63500105	DELINEATORS	EACH	183	183													
63700155	CONCRETE BARRIER, SINGLE FACE, 32 INCH HEIGHT	FOOT	125	125													
63700175	CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT	FOOT	624	624													
63700275	CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT	FOOT	4,361	4,361													
63700900	CONCRETE BARRIER BASE	FOOT	5,110	5,110													

* SPECIALTY ITEM

A ROADWAY AND DRAINAGE	F RETAINING WALL PRWB-3: SN 016-2289	K RETAINING WALL EX-WB-E: SN 016-2295
B LIGHTING	G RETAINING WALL PRWB-4: SN 016-2038	L RETAINING WALL REPAIR EX-WB-F SN: 016-1354
C ITS	H RETAINING WALL PRWB-5: SN 016-2039	M RETAINING WALL PRWB-6: SN 016-1355
D RETAINING WALL PRWB-1: SN 016-2036	I RETAINING WALL EX-WB-B: SN 016-W755	N RETAINING WALL PRWB-7: SN 016-2047
E RETAINING WALL PRWB-2: SN 016-2037	J RETAINING WALL EX-WB-D: SN 016-2294	

HNTB	USER NAME: mkrby	DESIGNED: MAM	REVISION: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE SUMMARY OF QUANTITIES			F.A.I. RTE. 90	SECTION 0517 & 1415 R-2	COUNTY COOK	TOTAL SHEETS 734	SHEET NO. 16
	PLOT SCALE: 2.00' / 1" =	CHECKED: MAM	REVISION: -		SCALE: N/A	SHEET NO. 11 OF 32 SHEETS	STA. TO STA.	CONTRACT NO. 60Y39				
	PLOT DATE: 3/22/2018	DATE: 01/19/2018	REVISION: -		ILLINOIS FED. AID PROJECT							

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE													
				A	B	C	D	E	F	G	H	I	J	K	L	M	N
				0003	0021	0021	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	31,777	31,777													
64300450	IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 3	EACH	3	3													
66400105	CHAIN LINK FENCE, 4'	FOOT	175	175													
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	16,875	16,875													
* 66900400	SPECIAL WASTE GROUNDWATER DISPOSAL	GALLON	88,570	88,570													
* 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1													
66900530	SOIL DISPOSAL ANALYSIS	EACH	10	10													
67000600	ENGINEER'S FIELD LABORATORY	CAL MO	26	26													
67100100	MOBILIZATION	L SUM	1	1													
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	7,481	7,481													
70300900	PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS	SQ FT	492	492													
70300904	PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	168,525	168,525													
70300905	PAVEMENT MARKING TAPE, TYPE IV 5"	FOOT	49,561	49,561													
70300908	PAVEMENT MARKING TAPE, TYPE IV 8"	FOOT	48,948	48,948													

* SPECIALTY ITEM

A ROADWAY AND DRAINAGE
 B LIGHTING
 C ITS
 D RETAINING WALL PRWB-1: SN 016-2036
 E RETAINING WALL PRWB-2: SN 016-2037

F RETAINING WALL PRWB-3: SN 016-2289
 G RETAINING WALL PRWB-4: SN 016-2038
 H RETAINING WALL PRWB-5: SN 016-2039
 I RETAINING WALL EX-WB-B: SN 016-W755
 J RETAINING WALL EX-WB-D: SN 016-2294

K RETAINING WALL EX-WB-E: SN 016-2295
 L RETAINING WALL REPAIR EX-WB-F SN: 016-1354
 M RETAINING WALL PRWB-6: SN 016-1355
 N RETAINING WALL PRWB-7: SN 016-2047

S00-12

HNTB	USER NAME = mkr-by	DESIGNED MMR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE SUMMARY OF QUANTITIES				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 2.00' / 1" =	DRAWN JAB	REVISED -		90	(1517 & 1415) R-2	COOK	734	17				
	PLOT DATE = 3/22/2018	CHECKED MAM	REVISED -		SCALE: N/A SHEET NO. 12 OF 32 SHEETS STA. TO STA.				CONTRACT NO. 60Y39				
		DATE 01/19/2018	REVISED -		ILLINOIS FED. AID PROJECT								

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE													
				A	B	C	D	E	F	G	H	I	J	K	L	M	N
				0003 URBAN	0021 URBAN	0021 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN
70300912	PAVEMENT MARKING TAPE, TYPE IV 12"	FOOT	3,579	3,579													
70400100	TEMPORARY CONCRETE BARRIER	FOOT	21,747	21,747													
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	29,563	29,563													
70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	14	14													
70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	3	3													
70600270	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, WIDE), TEST LEVEL 3	EACH	2	2													
70600280	IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3	EACH	2	2													
70600332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	4	4													
70600350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	7	7													
70600370	IMPACT ATTENUATORS, RELOCATE (SEVERE USE, NARROW), TEST LEVEL 3	EACH	1	1													
* 72000100	SIGN PANEL - TYPE 1	SQ FT	195	195													
* 72000200	SIGN PANEL - TYPE 2	SQ FT	205	205													
* 72000300	SIGN PANEL - TYPE 3	SQ FT	6,700	6,700													
* 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	1	1													

* SPECIALTY ITEM

- A ROADWAY AND DRAINAGE
- B LIGHTING
- C ITS
- D RETAINING WALL PRWB-1: SN 016-Z036
- E RETAINING WALL PRWB-2: SN 016-Z037

- F RETAINING WALL PRWB-3: SN 016-2289
- G RETAINING WALL PRWB-4: SN 016-2038
- H RETAINING WALL PRWB-5: SN 016-2039
- I RETAINING WALL EX-WB-B: SN 016-W755
- J RETAINING WALL EX-WB-D: SN 016-2294

- K RETAINING WALL EX-WB-E: SN 016-2295
- L RETAINING WALL REPAIR EX-WB-F SN: 016-1354
- M RETAINING WALL PRWB-6: SN 016-1355
- N RETAINING WALL PRWB-7: SN 016-2047

HNTB	USER NAME: mkrbyj	DESIGNED: MMK	REVISED: -
	PLOT SCALE: 2.00" = 1'-0"	DRAWN: JAB	REVISED: -
	PLOT DATE: 3/22/2018	CHECKED: MAM	REVISED: -
		DATE: 01/19/2018	REVISED: -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
SUMMARY OF QUANTITIES**

SCALE: N/A SHEET NO. 13 OF 32 SHEETS STA. TO STA.

F.A.I. RTE. 90	SECTION (1517 & 1415) R-2	COUNTY COOK	TOTAL SHEETS 734	SHEET NO. 18
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y39	

S00-13

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE													
				A	B	C	D	E	F	G	H	I	J	K	L	M	N
				0003 URBAN	0021 URBAN	0021 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN
72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	93	93													
72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	172	172													
72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	6,404	6,404													
* 72400730	RELOCATE SIGN PANEL - TYPE 3	SQ FT	319	319													
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	9	9													
* 72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	7,965	7,965													
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	464	464													
* 73000100	WOOD SIGN SUPPORT	FOOT	198	198													
* 73300100	OVERHEAD SIGN STRUCTURE - SPAN, TYPE I-A (4'-0" X 4'-6")	FOOT	65	65													
* 73300300	OVERHEAD SIGN STRUCTURE - SPAN, TYPE III-A (5'-0" X 7'-0")	FOOT	278	278													
* 73301810	OVERHEAD SIGN STRUCTURE WALKWAY, TYPE A	FOOT	8	8													
* 73302170	OVERHEAD SIGN STRUCTURE - CANTILEVER, TYPE II-C-A (36" X 5'-6")	FOOT	40	40													
* 73304000	OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	FOOT	72	72													
* 73400100	CONCRETE FOUNDATIONS	CU YD	51	51													

* SPECIALTY ITEM

A ROADWAY AND DRAINAGE	F RETAINING WALL PRWB-3: SN 016-2289	K RETAINING WALL EX-WB-E: SN 016-2295
B LIGHTING	G RETAINING WALL PRWB-4: SN 016-2038	L RETAINING WALL REPAIR EX-WB-F SN: 016-1354
C ITS	H RETAINING WALL PRWB-5: SN 016-2039	M RETAINING WALL PRWB-6: SN 016-1355
D RETAINING WALL PRWB-1: SN 016-Z036	I RETAINING WALL EX-WB-B: SN 016-W755	N RETAINING WALL PRWB-7: SN 016-Z047
E RETAINING WALL PRWB-2: SN 016-Z037	J RETAINING WALL EX-WB-D: SN 016-2294	

HNTB	USER NAME = mkrby	DESIGNED MNK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE SUMMARY OF QUANTITIES	F.A.I. RTE. 90	SECTION 0517 & 1415 R-2	COUNTY COOK	TOTAL SHEETS 734	SHEET NO. 19
	PLOT SCALE = 2.00" / 1"	DRAWN JAB	REVISED -			SCALE: N/A	SHEET NO. 14 OF 32 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	
	PLOT DATE = 3/22/2018	CHECKED MAM	REVISED -							
		DATE 01/19/2018	REVISED -							

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE													
				A	B	C	D	E	F	G	H	I	J	K	L	M	N
				0003	0021	0021	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN		
* 73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	104	104													
73600100	REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	4	4													
73600200	REMOVE OVERHEAD SIGN STRUCTURE - CANTILEVER	EACH	1	1													
73602000	REMOVE OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	EACH	3	3													
73700100	REMOVE GROUND MOUNTED SIGN SUPPORT	EACH	33	33													
73700200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	24	24													
73700300	REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	9	9													
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	34,338	34,338													
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	22,459	22,459													
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	5,738	5,738													
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	48	48													
* 78004354	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - INLAID - LINE 4"	FOOT	709	709													
* 78004355	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - INLAID - LINE 5"	FOOT	8,267	8,267													
* 78004358	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - INLAID - LINE 8"	FOOT	889	889													

* SPECIALTY ITEM

A ROADWAY AND DRAINAGE	F RETAINING WALL PRWB-3: SN 016-2289	K RETAINING WALL EX-WB-E: SN 016-2295
B LIGHTING	G RETAINING WALL PRWB-4: SN 016-2038	L RETAINING WALL REPAIR EX-WB-F SN: 016-1354
C ITS	H RETAINING WALL PRWB-5: SN 016-2039	M RETAINING WALL PRWB-6: SN 016-1355
D RETAINING WALL PRWB-1: SN 016-2036	I RETAINING WALL EX-WB-B: SN 016-W755	N RETAINING WALL PRWB-7: SN 016-2047
E RETAINING WALL PRWB-2: SN 016-2037	J RETAINING WALL EX-WB-D: SN 016-2294	

S00-15

HNTB	USER NAME = mskirby	DESIGNED MAM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE SUMMARY OF QUANTITIES		F.A.I. RTE. 90	SECTION 0517 & 1415 R-2	COUNTY COOK	TOTAL SHEETS 734	SHEET NO. 20
	PLOT SCALE = 2.00' / 1" =	DRAWN JAB	REVISED -		SCALE: N/A	SHEET NO. 15 OF 32 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		CONTRACT NO. 60Y39	
	PLOT DATE = 3/22/2018	CHECKED MAM	REVISED -								
	DATE 01/19/2018	REVISED -									

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE													
				A	B	C	D	E	F	G	H	I	J	K	L	M	N
				0003	0021	0021	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044
* 78005100	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	100	100													
* 78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	62,400	62,400													
* 78005120	EPOXY PAVEMENT MARKING - LINE 5"	FOOT	22,400	22,400													
* 78005140	EPOXY PAVEMENT MARKING - LINE 8"	FOOT	4,400	4,400													
* 78005150	EPOXY PAVEMENT MARKING - LINE 12"	FOOT	400	400													
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	182	182													
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1,046	1,046													
* 78100300	REPLACEMENT REFLECTOR	EACH	150	150													
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	42	42													
* 78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	4,195	4,195													
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	839	839													
* 80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1			1											
* 81028170	UNDERGROUND CONDUIT, GALVANIZED STEEL, 1" DIA.	FOOT	50			50											

* SPECIALTY ITEM

A ROADWAY AND DRAINAGE	F RETAINING WALL PRWB-3: SN 016-2289	K RETAINING WALL EX-WB-E: SN 016-2295
B LIGHTING	G RETAINING WALL PRWB-4: SN 016-2038	L RETAINING WALL REPAIR EX-WB-F SN: 016-1354
C ITS	H RETAINING WALL PRWB-5: SN 016-2039	M RETAINING WALL PRWB-6: SN 016-1355
D RETAINING WALL PRWB-1: SN 016-2036	I RETAINING WALL EX-WB-B: SN 016-W755	N RETAINING WALL PRWB-7: SN 016-2047
E RETAINING WALL PRWB-2: SN 016-2037	J RETAINING WALL EX-WB-D: SN 016-2294	

S00-16

HNTB	USER NAME = mkrby	DESIGNED MAM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE SUMMARY OF QUANTITIES		F.A.I. RTE. 90	SECTION 0517 & 1415) R-2	COUNTY COOK	TOTAL SHEETS 734	SHEET NO. 21		
	PLOT SCALE = 2.00" = 1'	DRAWN JAB	REVISED -		SCALE: N/A	SHEET NO. 16 OF 32 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT					
	PLOT DATE = 3/22/2018	CHECKED MAM	REVISED -										
		DATE 01/19/2018	REVISED -										

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE													
				A	B	C	D	E	F	G	H	I	J	K	L	M	N
				0003	0021	0021	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044
URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN		
* 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	8,863			8,863											
* 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	680		634	46											
* 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	1,699			1,699											
* 81028730	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/4" DIA.	FOOT	433			433											
* 81100320	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., PVC COATED GALVANIZED STEEL	FOOT	1,590		1,590												
* 81100605	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., PVC COATED GALVANIZED STEEL	FOOT	200			200											
* 81100805	CONDUIT ATTACHED TO STRUCTURE, 3" DIA., PVC COATED GALVANIZED STEEL	FOOT	165		165												
* 81200230	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	2,420		2,420												
* 81300220	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4"	EACH	29		29												
* 81300530	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"	EACH	16		11	5											
* 81300830	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 18" X 8"	EACH	4		4												
* 81300948	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 24" X 24" X 10"	EACH	1		1												
* 81400200	HEAVY-DUTY HANDHOLE	EACH	31			31											
* 81603081	UNIT DUCT, 600V, 3-1C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	14,961		14,961												

* SPECIALTY ITEM

A ROADWAY AND DRAINAGE
 B LIGHTING
 C ITS
 D RETAINING WALL PRWB-1: SN 016-Z036
 E RETAINING WALL PRWB-2: SN 016-Z037

F RETAINING WALL PRWB-3: SN 016-2289
 G RETAINING WALL PRWB-4: SN 016-Z038
 H RETAINING WALL PRWB-5: SN 016-Z039
 I RETAINING WALL EX-WB-B: SN 016-W755
 J RETAINING WALL EX-WB-D: SN 016-2294

K RETAINING WALL EX-WB-E: SN 016-2295
 L RETAINING WALL REPAIR EX-WB-F SN: 016-1354
 M RETAINING WALL PRWB-6: SN 016-1355
 N RETAINING WALL PRWB-7: SN 016-2047

S00-17

HNTB	USER NAME : mkrby	DESIGNED : MMK	REVISED : -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE		F.A.I. RTE. : 90	SECTION : (1517 & 1415) R-2	COUNTY : COOK	TOTAL SHEETS : 734	SHEET NO. : 22	
	PL01 SCALE : 2.00' / 1" =	DRAWN : JAB	REVISED : -		SUMMARY OF QUANTITIES		STA. : _____	TO STA. : _____	CONTRACT NO. 60Y39			
	PL01 DATE : 3/22/2018	CHECKED : MAM	REVISED : -				ILLINOIS FED. AID PROJECT					
		DATE : 01/19/2018	REVISED : -									

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE													
				A	B	C	D	E	F	G	H	I	J	K	L	M	N
				0003	0021	0021	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044
* 81702100	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 12	FOOT	4,220			4,220											
* 81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	4,770		4,770												
* 81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	1,311			1,311											
* 81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	6,052			6,052											
* 81702140	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	4,032		4,032												
* 81702150	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	24,521		16,128	8,393											
* 81800230	AERIAL CABLE, 2-1/C NO. 6 WITH MESSENGER WIRE	FOOT	1,118			1,118											
* 81800300	AERIAL CABLE, 3-1/C NO. 2 WITH MESSENGER WIRE	FOOT	17,607		17,112	495											
* 82102400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	3		3												
* 82105600	LUMINAIRE, SODIUM VAPOR, HIGH MAST, HORIZONTAL MOUNT, 400 WATT	EACH	42		42												
* 82107100	UNDERPASS LUMINAIRE, 70 WATT, HIGH PRESSURE SODIUM VAPOR	EACH	6		6												
* 83050825	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 15 FT. DAVIT ARM	EACH	46		46												
* 83050860	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 2-6 FT. MAST ARMS	EACH	12		12												
* 83050960	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 2-12 FT. DAVIT ARMS	EACH	4		4												

* SPECIALTY ITEM

A ROADWAY AND DRAINAGE
 B LIGHTING
 C ITS
 D RETAINING WALL PRWB-1: SN 016-Z036
 E RETAINING WALL PRWB-2: SN 016-Z037

F RETAINING WALL PRWB-3: SN 016-2289
 G RETAINING WALL PRWB-4: SN 016-Z038
 H RETAINING WALL PRWB-5: SN 016-Z039
 I RETAINING WALL EX-WB-B: SN 016-W755
 J RETAINING WALL EX-WB-D: SN 016-2294

K RETAINING WALL EX-WB-E: SN 016-2295
 L RETAINING WALL REPAIR EX-WB-F SN: 016-1354
 M RETAINING WALL PRWB-6: SN 016-1355
 N RETAINING WALL PRWB-7: SN 016-Z047

S00-18

HNTB	USER NAME = akirby	DESIGNED MMR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 2.00" = 100'	DRAWN JAB	REVISED -		SUMMARY OF QUANTITIES		90	(1517 & 1415) R-2	CODK	734	23	
	PLOT DATE = 3/22/2018	CHECKED MAM	REVISED -		SCALE: N/A	SHEET NO. 18 OF 32 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			
		DATE 01/19/2018	REVISED -		CONTRACT NO. 60Y39							

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE													
				A	B	C	D	E	F	G	H	I	J	K	L	M	N
				0003	0021	0021	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044
* 83504500	LIGHT TOWER, 120 FT. MOUNTING HEIGHT, LUMINAIRE MT. - 8	EACH	7		7												
* 83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	532		532												
* 83700350	LIGHT TOWER FOUNDATION, 54" DIAMETER	FOOT	140		140												
* 83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	43		43												
84100110	REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	79		79												
84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	87		87												
84200804	REMOVAL OF POLE FOUNDATION	EACH	87		87												
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2	2													
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	28			28											
* 87800200	CONCRETE FOUNDATION, TYPE D	FOOT	20			20											
* 87900205	DRILL EXISTING HEAVY DUTY HANDHOLE	EACH	5			5											
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	2,500			2,500											
89502380	REMOVE EXISTING HANDHOLE	EACH	18			18											
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	4			4											

* SPECIALTY ITEM

A ROADWAY AND DRAINAGE
 B LIGHTING
 C ITS
 D RETAINING WALL PRWB-1: SN 016-Z036
 E RETAINING WALL PRWB-2: SN 016-Z037

F RETAINING WALL PRWB-3: SN 016-2289
 G RETAINING WALL PRWB-4: SN 016-2038
 H RETAINING WALL PRWB-5: SN 016-Z039
 I RETAINING WALL EX-WB-B: SN 016-W755
 J RETAINING WALL EX-WB-D: SN 016-2294

K RETAINING WALL EX-WB-E: SN 016-2295
 L RETAINING WALL REPAIR EX-WB-F SN: 016-1354
 M RETAINING WALL PRWB-6: SN 016-1355
 N RETAINING WALL PRWB-7: SN 016-2047

S00-19

HNTB	USER NAME = mkrby	DESIGNED MKK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE SUMMARY OF QUANTITIES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 2.00" / 1in.	DRAWN JAB	REVISED -		90	(1517 & 1415) R-2	COOK	734	24			
	PLOT DATE = 3/22/2018	CHECKED MAM	REVISED -		SCALE: N/A SHEET NO. 19 OF 32 SHEETS STA. TO STA.			CONTRACT NO. 60Y39		ILLINOIS FED. AID PROJECT		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE													
				A	B	C	D	E	F	G	H	I	J	K	L	M	N
				0003	0021	0021	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN		
89502400	REMOVE EXISTING FLASHING BEACON INSTALLATION COMPLETE	EACH	3			3											
Z0005216	HOT-MIX ASPHALT STABILIZATION 6" AT STEEL PLATE BEAM GUARD RAIL	SQ YD	776	776													
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	119									40	79				
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1													
<input type="checkbox"/> Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	33	33													
Z0018800	DRAINAGE SYSTEM	L SUM	1											1			
Z0019600	DUST CONTROL WATERING	UNIT	50	50													
Z0022800	FENCE REMOVAL	FOOT	773	374									399				
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	1,736	1,736													
Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	113		113												
Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	26		26												
Z0033052	COMMUNICATIONS VAULT	EACH	16			16											
Z0034105	MATERIAL TRANSFER DEVICE	TON	18,648	18,648													
Z0040530	PIPE UNDERDRAIN REMOVAL	FOOT	612	612													

• SPECIALTY ITEM

100% STATE

- A ROADWAY AND DRAINAGE
- B LIGHTING
- C ITS
- D RETAINING WALL PRWB-1: SN 016-2036
- E RETAINING WALL PRWB-2: SN 016-2037

- F RETAINING WALL PRWB-3: SN 016-2289
- G RETAINING WALL PRWB-4: SN 016-2038
- H RETAINING WALL PRWB-5: SN 016-2039
- I RETAINING WALL EX-WB-B: SN 016-W755
- J RETAINING WALL EX-WB-D: SN 016-2294

- K RETAINING WALL EX-WB-E: SN 016-2295
- L RETAINING WALL REPAIR EX-WB-F SN: 016-1354
- M RETAINING WALL PRWB-6: SN 016-1355
- N RETAINING WALL PRWB-7: SN 016-2047

S00-20

HNTB	USER NAME = mh1rby	DESIGNED MMK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE SUMMARY OF QUANTITIES				F.A.I. RTE. 90	SECTION (1517 & 1415) R-2	COUNTY COOK	TOTAL SHEETS 734	SHEET NO. 25	
	PLOT SCALE = 2.00' / 1" =	DRAWN JAB	REVISED -		SCALE: N/A	SHEET NO. 20 OF 32 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT					
	PLOT DATE = 3/22/2018	CHECKED MAM	REVISED -											
		DATE 01/19/2018	REVISED -											

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE													
				A	B	C	D	E	F	G	H	I	J	K	L	M	N
				0003	0021	0021	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	4,008				757	466	667	650	1,018				34	276	140
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1													
Z0056626	STORM SEWER (WATER MAIN REQUIREMENTS) 48 INCH	FOOT	45	45													
Z0062456	TEMPORARY PAVEMENT	SQ YD	17,145	17,145													
Z0077800	WOOD POST	EACH	3			3											
* A2001816	TREE, ACER SACCHARUM GREEN MOUNTAIN (GREEN MOUNTAIN SUGAR MAPLE), 2" CALIPER, BALLED AND BURLAPPED	EACH	11	11													
* A2002008	TREE, AESCULUS FLAVEA (YELLOW SWEET BUCKEYE), 2" CALIPER, BALLED AND BURLAPPED	EACH	3	3													
* A2004516	TREE, GINKGO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINKGO) 2" CALIPER, BALLED AND BURLAPPED	EACH	13	13													
* A2004720	TREE, GLEDITSIA TRIACANTHOS INERMIS SHADEMASTER (SHADEMASTER THORNLESS COMMON HONEYLOCUST), 2 1/2" CALIPER, BALLED AND BURLAPPED	EACH	7	7													
* A2005016	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2" CALIPER, BALLED AND BURLAPPED	EACH	17	17													
* A2007210	TREE, QUERCUS X MACDANIELLI CLEMONS (HERITAGE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	7	7													

* SPECIALTY ITEM

A ROADWAY AND DRAINAGE	F RETAINING WALL PRWB-3: SN 016-2289	K RETAINING WALL EX-WB-E: SN 016-2295
B LIGHTING	G RETAINING WALL PRWB-4: SN 016-2038	L RETAINING WALL REPAIR EX-WB-F SN: 016-1354
C ITS	H RETAINING WALL PRWB-5: SN 016-2039	M RETAINING WALL PRWB-6: SN 016-1355
D RETAINING WALL PRWB-1: SN 016-2036	I RETAINING WALL EX-WB-B: SN 016-W755	N RETAINING WALL PRWB-7: SN 016-2047
E RETAINING WALL PRWB-2: SN 016-2037	J RETAINING WALL EX-WB-D: SN 016-2294	

HNTB	USER NAME = mkrby	DESIGNED MMR	REVISED - -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE		F.A.I. RTE. 90	SECTION (1517 & 1415) R-2	COUNTY COOK	TOTAL SHEETS 734	SHEET NO. 26
	FL0T SCALE = 2.00' / in.	DRAWN JAB	REVISED - -		SUMMARY OF QUANTITIES		SCALE: N/A	SHEET NO. 21 OF 32 SHEETS	STA. TO STA.	CONTRACT NO. 60Y39 ILLINOIS FED. AID PROJECT	
	FL0T DATE = 3/22/2018	CHECKED MAM	REVISED - -								
		DATE 01/19/2018	REVISED - -								

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE													
				A	B	C	D	E	F	G	H	I	J	K	L	M	N
				0003	0021	0021	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN		
* A2007614	TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	8	8													
* A2008468	TREE, ULMUS AMERICANA PRINCETON (PRINCETON AMERICAN ELM) 2" CALIPER, BALLED AND BURLAPPED	EACH	8	8													
* B2005423	TREE, PRUNUS VIRGINIANA CANADA RED (CANADA RED CHERRY), 2-1/2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	4	4													
* C3005924	SHRUB, RHUS GLABRA (SMOOTH SUMAC), 2' HEIGHT, BARE ROOT	EACH	200	200													
* C3006024	SHRUB, RHUS TYPHINA (STAGHORN SUMAC), 2' HEIGHT, BARE ROOT	EACH	500	500													
* D2001960	EVERGREEN, PICEA GLAUCA DENSATA (BLACK HILLS SPRUCE), 5' HEIGHT, BALLED AND BURLAPPED	EACH	16	16													
* D2001972	EVERGREEN, PICEA GLAUCA DENSATA (BLACK HILLS SPRUCE), 6' HEIGHT, BALLED AND BURLAPPED	EACH	11	11													
* D2002160	EVERGREEN, PICEA PUNGENS (COLORADO SPRUCE), 5' HEIGHT, BALLED AND BURLAPPED	EACH	3	3													
* D2002184	EVERGREEN, PICEA PUNGENS (COLORADO SPRUCE), 7' HEIGHT, BALLED AND BURLAPPED	EACH	4	4													
* D2002372	EVERGREEN, PINUS FLEXILIS (LIMBER PINE), 6' HEIGHT, BALLED AND BURLAPPED	EACH	12	12													
* D2002772	EVERGREEN, PINUS NIGRA (AUSTRIAN PINE), 6' HEIGHT, BALLED AND BURLAPPED	EACH	8	8													
K0029624	WEED CONTROL, TEASEL	GALLON	171	171													

* SPECIALTY ITEM

- A ROADWAY AND DRAINAGE
- B LIGHTING
- C ITS
- D RETAINING WALL PRWB-1: SN 016-Z036
- E RETAINING WALL PRWB-2: SN 016-Z037

- F RETAINING WALL PRWB-3: SN 016-2289
- G RETAINING WALL PRWB-4: SN 016-2038
- H RETAINING WALL PRWB-5: SN 016-Z039
- I RETAINING WALL EX-WB-B: SN 016-W755
- J RETAINING WALL EX-WB-D: SN 016-2294

- K RETAINING WALL EX-WB-E: SN 016-2295
- L RETAINING WALL REPAIR EX-WB-F SN: 016-1354
- M RETAINING WALL PRWB-6: SN 016-1355
- N RETAINING WALL PRWB-7: SN 016-Z047

S00-22

HNTB	USER NAME = mkrby	DESIGNED = MMK	REVISED = -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE SUMMARY OF QUANTITIES		F.A.I. RTE. = 90	SECTION = (517 & 1415) R-2	COUNTY = COOK	TOTAL SHEETS = 734	SHEET NO. = 27
	PLOT SCALE = 2.00" = 1'-0"	CHECKED = MAM	REVISED = -		SCALE: N/A	SHEET NO. 22 OF 32 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 60Y39			
	PLOT DATE = 3/22/2018	DATE = 01/19/2018	REVISED = -								

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE													
				A	B	C	D	E	F	G	H	I	J	K	L	M	N
				0003	0021	0021	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044
X0300249	REMOVE EXISTING GATE	EACH	1			1											
X0321322	DROP GATE	EACH	1			1											
* X0322247	MAINTENANCE OF EXISTING TRAFFIC SURVEILLANCE	L SUM	1			1											
* X0322441	DIGITAL LOOP DETECTOR SENSOR UNIT (4 CHANNEL)	EACH	15			15											
* X0322442	TONE EQUIPMENT - 3 FREQUENCY RECEIVER PROGRAMMABLE	EACH	64			64											
* X0322443	TONE EQUIPMENT - 3 FREQUENCY TRANSMITTER PROGRAMMABLE	EACH	64			64											
* X0322444	TONE EQUIPMENT - POWER SUPPLY	EACH	16			16											
X0322445	TONE EQUIPMENT - MOUNTING FRAME	EACH	16			16											
X0322938	TEMPORARY END SECTION	EACH	2	2													
X0323261	TEMPORARY SEDIMENT BASIN	EACH	1	1													
* X0323395	POWER DISTRIBUTION CENTER, PEDESTAL MOUNT	EACH	1			1											
* X0323917	CABINET, MODEL 334	EACH	2			2											
X0324587	NOISE ABATEMENT WALL ANCHOR ROD ASSEMBLY	EACH	39						39								
* X0325040	FIBER OPTIC INNERDUCT 1 1/4" DIA.	FOOT	6,279			6,279											

* SPECIALTY ITEM

A ROADWAY AND DRAINAGE
 B LIGHTING
 C ITS
 D RETAINING WALL PRWB-1: SN 016-2036
 E RETAINING WALL PRWB-2: SN 016-2037

F RETAINING WALL PRWB-3: SN 016-2289
 G RETAINING WALL PRWB-4: SN 016-2038
 H RETAINING WALL PRWB-5: SN 016-2039
 I RETAINING WALL EX-WB-B: SN 016-W755
 J RETAINING WALL EX-WB-D: SN 016-2294

K RETAINING WALL EX-WB-E: SN 016-2295
 L RETAINING WALL REPAIR EX-WB-F SN: 016-1354
 M RETAINING WALL PRWB-6: SN 016-1355
 N RETAINING WALL PRWB-7: SN 016-2047

S00-23

HNTB	USER NAME = mkrby	DESIGNED MAM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE		F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 2.00" / 1"	DRAWN JAB	REVISED -		SUMMARY OF QUANTITIES		90	(1517 & 1415) R-2	COOK	734	28
	PLOT DATE = 3/22/2018	CHECKED MAM	REVISED -		SCALE: N/A	SHEET NO. 23 OF 32 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 60Y39			

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	A	B	C	D	E	F	G	H	I	J	K	L	M	N		
				0003	0021	0021	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
X0325201	SHOULDER RUMBLE STRIP REMOVAL	SQ YD	39	39															
X0325405	FILL EXISTING STORM SEWERS	CU YD	20	20															
* X0325476	RADAR VEHICLE DETECTION SYSTEM	EACH	5			5													
X0325485	TRUSS MOUNTED LED DYNAMIC MESSAGE SIGN	EACH	1			1													
* X0326263	EQUIPMENT CABINET	EACH	4			4													
* X0326266	ETHERNET SWITCH	EACH	2			2													
* X0326411	EQUIPMENT CABINET AND PEDESTAL MOUNTED BASE	EACH	2			2													
* X0326465	MODIFICATION OF EXISTING VIDEO DISTRIBUTION SYSTEM	L SUM	1			1													
* X0326945	CLOSED CIRCUIT TELEVISION CAMERA EQUIPMENT	EACH	1			1													
X0327009	REMOVE SIGN (SPECIAL)	EACH	1			1													
* X0327117	ATMS SYSTEM INTEGRATION	L SUM	1			1													
* X0327216	CLOSED CIRCUIT TELEVISION CAMERA	EACH	1			1													
* X0327261	CABINET HOUSING EQUIPMENT, TYPE IV	EACH	5			5													
* X0327392	WOOD POLE, 60 FT, CLASS 4	EACH	1			1													

* SPECIALTY ITEM

- A ROADWAY AND DRAINAGE
- B LIGHTING
- C ITS
- D RETAINING WALL PRWB-1: SN 016-Z036
- E RETAINING WALL PRWB-2: SN 016-Z037

- F RETAINING WALL PRWB-3: SN 016-2289
- G RETAINING WALL PRWB-4: SN 016-Z038
- H RETAINING WALL PRWB-5: SN 016-Z039
- I RETAINING WALL EX-WB-B: SN 016-W755
- J RETAINING WALL EX-WB-D: SN 016-2294

- K RETAINING WALL EX-WB-E: SN 016-2295
- L RETAINING WALL REPAIR EX-WB-F SN: 016-1354
- M RETAINING WALL PRWB-6: SN 016-1355
- N RETAINING WALL PRWB-7: SN 016-Z047

S00-24



USER NAME : mkrby
 PLOT SCALE : 2.00" = 1'-0"
 PLOT DATE : 3/22/2018

DESIGNED : MMK
 DRAWN : JAB
 CHECKED : MAM
 DATE : 01/19/2018

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

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
 SUMMARY OF QUANTITIES

SCALE: N/A SHEET NO. 24 OF 32 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-2	COOK	734	29
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y39	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE													
				A	B	C	D	E	F	G	H	I	J	K	L	M	N
				0003	0021	0021	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044
* X0327393	WOOD POLE, 100 FT. CLASS 2	EACH	79		79												
* X0327601	CLOSED CIRCUIT TELEVISION CAMERA STRUCTURE, FOUNDATION, 80 FT. MOUNTING HEIGHT	FOOT	21			21											
* X0327602	CLOSED CIRCUIT TELEVISION CAMERA STRUCTURE, GALVANIZED STEEL, 80 FT. MOUNTING HEIGHT	EACH	1			1											
* X0327606	FIBER OPTIC SPLICE-LATERAL	EACH	6			6											
* X0327752	CONDUIT RISER, GALVANIZED STEEL	EACH	2			2											
X0327976	TRACK MONITORING	CAL DAY	90	90													
X0327979	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	23,685	23,685													
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	6,838	6,838													
X0350810	BOLLARD REMOVAL	EACH	1			1											
X1200044	TEMPORARY STORM SEWER 12"	FOOT	406	406													
X1200045	TEMPORARY STORM SEWER 15"	FOOT	130	130													
X1200080	STORM SEWERS JACKED IN PLACE, 48" (SPECIAL)	FOOT	90	90													
* X1400149	LUMINAIRE, LED, HORIZONTAL MOUNT, TYPE C	EACH	113		113												
* X1400181	LUMINAIRE, UNDERPASS, LED, TYPE B	EACH	23		23												

* SPECIALTY ITEM

A ROADWAY AND DRAINAGE	F RETAINING WALL PRWB-3: SN 016-2289	K RETAINING WALL EX-WB-E: SN 016-2295
B LIGHTING	G RETAINING WALL PRWB-4: SN 016-2038	L RETAINING WALL REPAIR EX-WB-F SN: 016-1354
C ITS	H RETAINING WALL PRWB-5: SN 016-2039	M RETAINING WALL PRWB-6: SN 016-1355
D RETAINING WALL PRWB-1: SN 016-2036	I RETAINING WALL EX-WB-B: SN 016-W755	N RETAINING WALL PRWB-7: SN 016-2047
E RETAINING WALL PRWB-2: SN 016-2037	J RETAINING WALL EX-WB-D: SN 016-2294	

S00-25

HNTB	USER NAME = mh1rby	DESIGNED MMK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 2.00" = 1'-0"	DRAWN JAB	REVISED -		SUMMARY OF QUANTITIES		90	(1517 & 1415) R-2	COOK	734	30	
	PLOT DATE = 3/22/2018	CHECKED MAM	REVISED -		SCALE: N/A	SHEET NO. 25 OF 32 SHEETS	STA.	TO STA.	CONTRACT NO. 60Y39			
		DATE 01/19/2018	REVISED -		ILLINOIS FED. AID PROJECT							

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE													
				A	B	C	D	E	F	G	H	I	J	K	L	M	N
				0003	0021	0021	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044
X2020502	BRACED EXCAVATION	CU YD	572	572													
* X2501800	SEEDING, CLASS 4 (MODIFIED)	ACRE	3.75	3.75													
* X2501820	SEEDING, CLASS 5 (MODIFIED)	ACRE	2.25	2.25													
* X2502024	SEEDING, CLASS 4B (MODIFIED)	ACRE	2.25	2.25													
X2503000	MAINTENANCE MOWING	ACRE	49	49													
X2511630	EROSION CONTROL BLANKET (SPECIAL)	SQ YD	29,814	29,814													
* X2600019	LED FLASHING BEACON AND FLASHER CONTROLLER	EACH	3			3											
X4060002	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, 12.5, N80	TON	9,324	9,324													
X4060006	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 12.5, N80	TON	9,324	9,324													
X4240800	DETECTABLE WARNINGS (SPECIAL)	SQ FT	50	50													
<input type="checkbox"/> X5537700	STORM SEWERS TO BE CLEANED 10"	FOOT	42	42													
<input type="checkbox"/> X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	47	47													
<input type="checkbox"/> X5538200	STORM SEWERS TO BE CLEANED 24"	FOOT	152	152													
X5860110	GRANULAR BACKFILL FOR STRUCTURES	CU YD	1,133						1,055			2			76		

* SPECIALTY ITEM

100% STATE

A ROADWAY AND DRAINAGE
 B LIGHTING
 C ITS
 D RETAINING WALL PRWB-1: SN 016-Z036
 E RETAINING WALL PRWB-2: SN 016-Z037

F RETAINING WALL PRWB-3: SN 016-2289
 G RETAINING WALL PRWB-4: SN 016-2038
 H RETAINING WALL PRWB-5: SN 016-2039
 I RETAINING WALL EX-WB-B: SN 016-W755
 J RETAINING WALL EX-WB-D: SN 016-2294

K RETAINING WALL EX-WB-E: SN 016-2295
 L RETAINING WALL REPAIR EX-WB-F SN: 016-1354
 M RETAINING WALL PRWB-6: SN 016-1355
 N RETAINING WALL PRWB-7: SN 016-2047

S00-26

HNTB	USER NAME : mkr-by	DESIGNED : MMR	REVISED : -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE SUMMARY OF QUANTITIES		F.A.I. RTE. : 90	SECTION : (1517 & 1415) R-2	COUNTY : COOK	TOTAL SHEETS : 734	SHEET NO. : 31		
	PLOT SCALE : 2.00' / 1" =	CHECKED : MAM	REVISED : -		SCALE : N/A	SHEET NO. 26 OF 32 SHEETS	STA. : TO STA. :	ILLINOIS FED. AID PROJECT					
	PLOT DATE : 3/22/2018	DATE : 01/19/2018	REVISED : -										

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE													
				A	B	C	D	E	F	G	H	I	J	K	L	M	N
				0003 URBAN	0021 URBAN	0021 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN
X6020084	MANHOLE, SPECIAL	EACH	1	1													
X6020293	MANHOLES, TYPE A, 8'-DIAMETER, WITH 2 TYPE 1 FRAMES, CLOSED LID, RESTRICTOR PLATE	EACH	1	1													
X6021193	TEMPORARY CATCH BASINS	EACH	5	5													
X6024200	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID, SPECIAL	EACH	1	1													
X6024875	TEMPORARY INLET	EACH	5	5													
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	13	13													
X6060097	CLASS SI CONCRETE (OUTLET), SPECIAL	CU YD	8	8													
X6063000	CONCRETE GUTTER, TYPE B (SPECIAL)	FOOT	2,952	2,952													
X6370050	CONCRETE BARRIER WALL (SPECIAL)	FOOT	107	107													
X6370279	CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT (SPECIAL)	FOOT	288	288													
X6640560	CHAIN LINK FENCE, 6' (SPECIAL)	FOOT	60	60													
X6643310	CHAIN LINK FENCE TO BE REMOVED AND RE-ERECTED (CTA)	FOOT	40	40													
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	26	26													
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1													

• SPECIALTY ITEM

A ROADWAY AND DRAINAGE
 B LIGHTING
 C ITS
 D RETAINING WALL PRWB-1: SN 016-Z036
 E RETAINING WALL PRWB-2: SN 016-Z037

F RETAINING WALL PRWB-3: SN 016-2289
 G RETAINING WALL PRWB-4: SN 016-Z038
 H RETAINING WALL PRWB-5: SN 016-Z039
 I RETAINING WALL EX-WB-B: SN 016-W755
 J RETAINING WALL EX-WB-D: SN 016-2294

K RETAINING WALL EX-WB-E: SN 016-2295
 L RETAINING WALL REPAIR EX-WB-F SN: 016-1354
 M RETAINING WALL PRWB-6: SN 016-1355
 N RETAINING WALL PRWB-7: SN 016-Z047



USER NAME = mkuibj	DESIGNED MMK	REVISED -
	DRAWN JAB	REVISED -
PLOT SCALE = 2.00' / 1" =	CHECKED MAM	REVISED -
PLOT DATE = 3/22/2018	DATE 01/19/2018	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
 SUMMARY OF QUANTITIES

SCALE: N/A SHEET NO. 27 OF 32 SHEETS STA. TO STA.

F.A.I. RTE. 90	SECTION (1517 & 1415) R-2	COUNTY COOK	TOTAL SHEETS 734	SHEET NO. 32
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y39	

S00-27

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE													
				A	B	C	D	E	F	G	H	I	J	K	L	M	N
				0003	0021	0021	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN		
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1													
X7013820	TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS	CAL DAY	507	507													
X7015005	CHANGEABLE MESSAGE SIGN	CAL DAY	780	780													
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	98,805	98,805													
X7040125	PINNING TEMPORARY CONCRETE BARRIER	EACH	2,316	2,316													
* X7333105	OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED (SPECIAL)	FOOT	139	139													
* X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	709	709													
* X7830072	GROOVING FOR RECESSED PAVEMENT MARKING 6"	FOOT	8,267	8,267													
* X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	889	889													
* X8040310	ELECTRICAL SERVICE DISCONNECT	EACH	4				4										
* X8130350	JUNCTION BOX EMBEDDED IN STRUCTURE, SPECIAL	EACH	7			7											
* X8210080	TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, HORIZONTAL MOUNT, 1,000 WATT	EACH	77			77											
* X8420111	REMOVAL OF UNDERPASS LIGHTING UNIT, NO SALVAGE	EACH	26			26											
* X8420500	REMOVAL OF LIGHT TOWER, SALVAGE	EACH	7			7											

* SPECIALTY ITEM

A ROADWAY AND DRAINAGE	F RETAINING WALL PRWB-3: SN 016-2289	K RETAINING WALL EX-WB-E: SN 016-2295
B LIGHTING	G RETAINING WALL PRWB-4: SN 016-2038	L RETAINING WALL REPAIR EX-WB-F SN: 016-1354
C ITS	H RETAINING WALL PRWB-5: SN 016-2039	M RETAINING WALL PRWB-6: SN 016-1355
D RETAINING WALL PRWB-1: SN 016-2036	I RETAINING WALL EX-WB-B: SN 016-W755	N RETAINING WALL PRWB-7: SN 016-2047
E RETAINING WALL PRWB-2: SN 016-2037	J RETAINING WALL EX-WB-D: SN 016-2294	

S00-28


HNTB	USER NAME = mkr/bjg	DESIGNED MAM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE SUMMARY OF QUANTITIES		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 2.00' / 1" = 1/2"	DRAWN JAB	REVISED -		SCALE: N/A	SHEET NO. 28 OF 32 SHEETS	STA.	TO STA.	90	(1517 & 1415) R-2	COOK
	PLOT DATE = 3/22/2018	CHECKED MAM	REVISED -							CONTRACT NO. 60Y39	
		DATE 01/19/2018	REVISED -							ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE													
				A	B	C	D	E	F	G	H	I	J	K	L	M	N
				0003	0021	0021	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044
X8420510	REMOVAL OF TOWER FOUNDATION	EACH	7		7												
* X8710036	FIBER OPTIC CABLE 12 FIBERS, SINGLE MODE	FOOT	8,285			8,285											
* X8710054	FIBER OPTIC TERMINATION PANEL, 12 F OR 24F	EACH	6			6											
* X8730312	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 4/C, TWISTED, SHIELDED	FOOT	1,055			1,055											
* X8772115	TEMPORARY MAST ARM, ALUMINUM, 15FT	EACH	77		77												
* X8780105	CONCRETE FOUNDATIONS (SPECIAL)	EACH	2			2											
* X8807670	SIGNAL HEAD, LED, RETROFIT	EACH	6			6											
* X8850102	INDUCTION LOOP	FOOT	1,971			1,971											
X8950300	REMOVE EXISTING SIGNAL HEAD AND POST	EACH	6			6											
X8950700	REMOVE TEMPORARY INTERCONNECT	L SUM	1			1											
X1200209	TRENCH DRAIN REMOVAL	FOOT	654	654													
* X1400172	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 19 6 PAIR	FOOT	1,472			1,472											
X0900065	REPLACE JOINT FILLER	FOOT	4	4													
X0900067	SOIL NAILED RETAINING WALL	SQ FT	2,910													2,910	

* SPECIALTY ITEM

A ROADWAY AND DRAINAGE	F RETAINING WALL PRWB-3: SN 016-2289	K RETAINING WALL EX-WB-E: SN 016-2295
B LIGHTING	G RETAINING WALL PRWB-4: SN 016-2038	L RETAINING WALL REPAIR EX-WB-F SN: 016-1354
C ITS	H RETAINING WALL PRWB-5: SN 016-2039	M RETAINING WALL PRWB-6: SN 016-1355
D RETAINING WALL PRWB-1: SN 016-2036	I RETAINING WALL EX-WB-B: SN 016-W755	N RETAINING WALL PRWB-7: SN 016-2047
E RETAINING WALL PRWB-2: SN 016-2037	J RETAINING WALL EX-WB-D: SN 016-2294	


S00-29

	USER NAME = mkrby	DESIGNED MMR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE SUMMARY OF QUANTITIES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 2.00' / 1in.	DRAWN JAB	REVISED -			90	(1517 & 1415) R-2	COOK	734	34
	PLOT DATE = 3/22/2018	CHECKED MAM	REVISED -			SCALE: N/A		SHEET NO. 29 OF 32 SHEETS		STA. TO STA.
		DATE 01/19/2018	REVISED -			CONTRACT NO. 60Y39				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE													
				A	B	C	D	E	F	G	H	I	J	K	L	M	N
				0003	0021	0021	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044
* X0320068	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), CONTAINER GROWN, 15-GALLON,	EACH	26	26													
	ROOT PRUNING METHOD																
* X0320058	TREE, QUERCUS MAACROCARPA (BURR OAK), CONTAINER GROWN, 15-GALLON, ROOT PRUNING METHOD	EACH	24	24													
* X0320062	TREE, VIBURNUM PRUNIFOLIUM (BLACKHAW VIBURNUM), 2" CALIPER, BALLED AND BURLAPPED	EACH	12	12													
* X0320069	TREE, QUERCUS ELLIPSOIDALIS (HILL'S OAK), CONTAINER GROWN, 15-GALLON,	EACH	20	20													
	ROOT PRUNING METHOD																
* X0320059	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), CONTAINER GROWN, 15-GALLON,	EACH	20	20													
	ROOT PRUNING METHOD																
* X0320071	TREE, OSTRYA VIRGINIANA, (IRONWOOD), CONTAINER GROWN, 15-GALLON, ROOT PRUNING METHOD	EACH	13	13													
* X0320072	TREE, CLADRASTIS LUTEA (AMERICAN YELLOWWOOD), CONTAINER GROWN, 15-GALLON,	EACH	8	8													
	ROOT PRUNING METHOD																
X0900066	WEEP HOLES CLEANED AND CORED	EACH	1									1					
	TOLLWAY PAY ITEMS																
J1282010	SUBGRADE FILTER FABRIC	SO YD	1,589	1,589													

- * SPECIALTY ITEM
- | | | |
|--------------------------------------|---------------------------------------|--|
| A ROADWAY AND DRAINAGE | F RETAINING WALL PRWB-3: SN 016-2289 | K RETAINING WALL EX-WB-E: SN 016-2295 |
| B LIGHTING | G RETAINING WALL PRWB-4: SN 016-2038 | L RETAINING WALL REPAIR EX-WB-F SN: 016-1354 |
| C ITS | H RETAINING WALL PRWB-5: SN 016-2039 | M RETAINING WALL PRWB-6: SN 016-1355 |
| D RETAINING WALL PRWB-1: SN 016-2036 | I RETAINING WALL EX-WB-B: SN 016-W755 | N RETAINING WALL PRWB-7: SN 016-2047 |
| E RETAINING WALL PRWB-2: SN 016-2037 | J RETAINING WALL EX-WB-D: SN 016-2294 | |

S00-30

	USER NAME = mkrby	DESIGNED MMK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE SUMMARY OF QUANTITIES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 2.00" / 1"	DRAWN JAB	REVISED -					90	(1517 & 1415) R-2	COOK	734	35
	PLOT DATE = 3/22/2018	CHECKED MAM	REVISED -					CONTRACT NO. 60Y39				
	DATE 01/19/2018	REVISED -		SCALE: N/A	SHEET NO. 29 OF 32 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE													
				A	B	C	D	E	F	G	H	I	J	K	L	M	N
				0003	0021	0021	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044
J1312022	STABILIZED SUBBASE - WMA, 3"	SO YD	784	784													
J1420020	PORTLAND CEMENT CONCRETE PAVEMENT 13" (JOINTED)	SO YD	640	640													
J1420027	PROTECTIVE COAT	SO YD	640	640													
J1440022	SHOULDER RUMBLE STRIP REMOVAL	SO YD	901	901													
J1481070	AGGREGATE SHOULDERS SPECIAL, TYPE C	TON	15	15													
J1481130	AGGREGATE SHOULDERS WITH FILTER FABRIC, TYPE B 4"	SO YD	327	327													
J1482112	WARM-MIX ASPHALT SHOULDERS (9 IN.)	SO YD	948	948													
J1601300	PIPE UNDERDRAINS, 6" (SPECIAL)	FOOT	39	39													
J1601320	PIPE UNDERDRAINS, FABRIC LINED TRENCH 6"	FOOT	575	575													
* J1630002	GALVANIZED STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	38	38													
* J1631110	TRAFFIC BARRIER TERMINAL, TYPE T1 (SPECIAL) TANGENT	EACH	1	1													
* J1631135	TRAFFIC BARRIER TERMINAL, TYPE T6B	EACH	1	1													
J1642014	ASPHALT SHOULDER RUMBLE STRIP, 16 INCH	FOOT	2,967	2,967													
J1680130	SLOPED HEADWALL TYPE III, 6", 1:4	EACH	6	6													
J1680132	SLOPED HEADWALL TYPE III, 15", 1:4	EACH	4	4													

* SPECIALTY ITEM

A ROADWAY AND DRAINAGE	F RETAINING WALL PRWB-3: SN 016-2289	K RETAINING WALL EX-WB-E: SN 016-2295
B LIGHTING	G RETAINING WALL PRWB-4: SN 016-2038	L RETAINING WALL REPAIR EX-WB-F SN: 016-1354
C ITS	H RETAINING WALL PRWB-5: SN 016-2039	M RETAINING WALL PRWB-6: SN 016-1355
D RETAINING WALL PRWB-1: SN 016-2036	I RETAINING WALL EX-WB-B: SN 016-W755	N RETAINING WALL PRWB-7: SN 016-2047
E RETAINING WALL PRWB-2: SN 016-2037	J RETAINING WALL EX-WB-D: SN 016-2294	

HNTB	USER NAME = mkrbyj	DESIGNED MMK	REVISED - -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE SUMMARY OF QUANTITIES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 2.00' / 1" =	DRAWN JAB	REVISED - -		90	(1517 & 1415) R-2	COOK	734	36			
	PLOT DATE = 3/22/2018	CHECKED MAM	REVISED - -		SCALE: N/A	SHEET NO. 29 OF 32 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 60Y39			

CONSTRUCTION CODE


CODE NO.	ITEM	UNIT	TOTAL QUANTITY	A	B	C	D	E	F	G	H	I	J	K	L	M	N		
				0003	0021	0021	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
* JT1725000	TERMINAL MARKER - DIRECT APPLIED	EACH	1	1															
* JS814001	HANDHOLE, TOLLWAY	EACH	1		1														
JT311030	AGGREGATE SUBBASE SPECIAL, 8 IN.	CU YD	142	142															
* JT780JA1	GROOVING FOR RECESSED PAVEMENT MARKING LINES, 5" GROOVE	FOOT	1502	1502															
* JT780JC1	GROOVING FOR RECESSED PAVEMENT MARKING LINES, 7" GROOVE	FOOT	1127	1127															
* JT780JE1	GROOVING FOR RECESSED PAVEMENT MARKING LINES, 11" GROOVE	FOOT	1502	1502															
* JT780JF1	GROOVING FOR RECESSED PAVEMENT MARKING LINES, 13" GROOVE	FOOT	430	430															
* JT780300	MULTIP-POLYMER PVT MK-LINE 4"	FOOT	1502	1502															
* JT780310	MULTIP-POLYMER PVT MK-LINE 6"	FOOT	1127	1127															
* JT780320	MULTIP-POLYMER PVT MK-LINE 10"	FOOT	1502	1502															
* JT780325	MULTIP-POLYMER PVT MK-LINE 12"	FOOT	430	430															
Ø Z0076600	TRAINEES	HOUR	2500	2500															
Ø Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	2500	2500															

* SPECIALTY ITEM

Ø 0042

A ROADWAY AND DRAINAGE	F RETAINING WALL PRWB-3: SN 016-2289	K RETAINING WALL EX-WB-E: SN 016-2295
B LIGHTING	G RETAINING WALL PRWB-4: SN 016-2038	L RETAINING WALL REPAIR EX-WB-F SN: 016-1354
C ITS	H RETAINING WALL PRWB-5: SN 016-2039	M RETAINING WALL PRWB-6: SN 016-1355
D RETAINING WALL PRWB-1: SN 016-2036	I RETAINING WALL EX-WB-B: SN 016-W755	N RETAINING WALL PRWB-7: SN 016-2047
E RETAINING WALL PRWB-2: SN 016-2037	J RETAINING WALL EX-WB-D: SN 016-2294	

S00-32

	USER NAME : mkrby	DESIGNED : MBR	REVISIONS	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	<p align="center">I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE SUMMARY OF QUANTITIES</p>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE : 2.00" = 1" IN.	DRAWN : JAB	REVISIONS			90	0517 & 1415I R-2	COOK	734	37
	PLOT DATE : 3/22/2018	CHECKED : MAM	REVISIONS			CONTRACT NO. 60Y39				
	DATE : 01/19/2018	REVISIONS		SCALE: N/A	SHEET NO. 29 OF 32 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

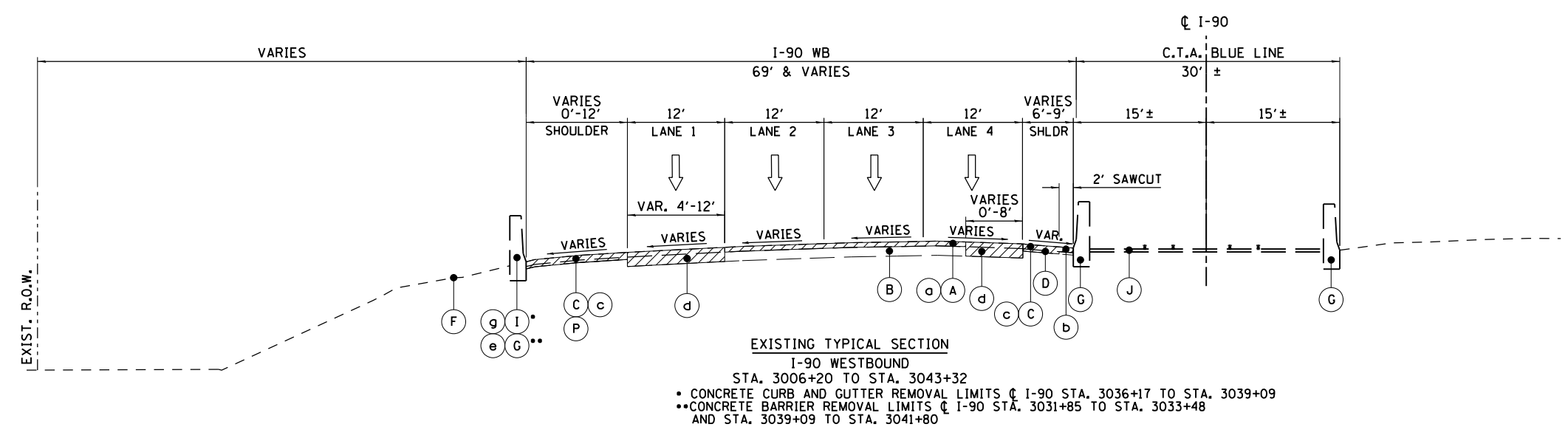
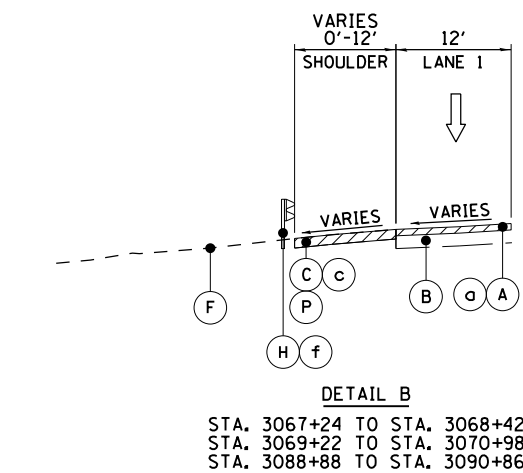
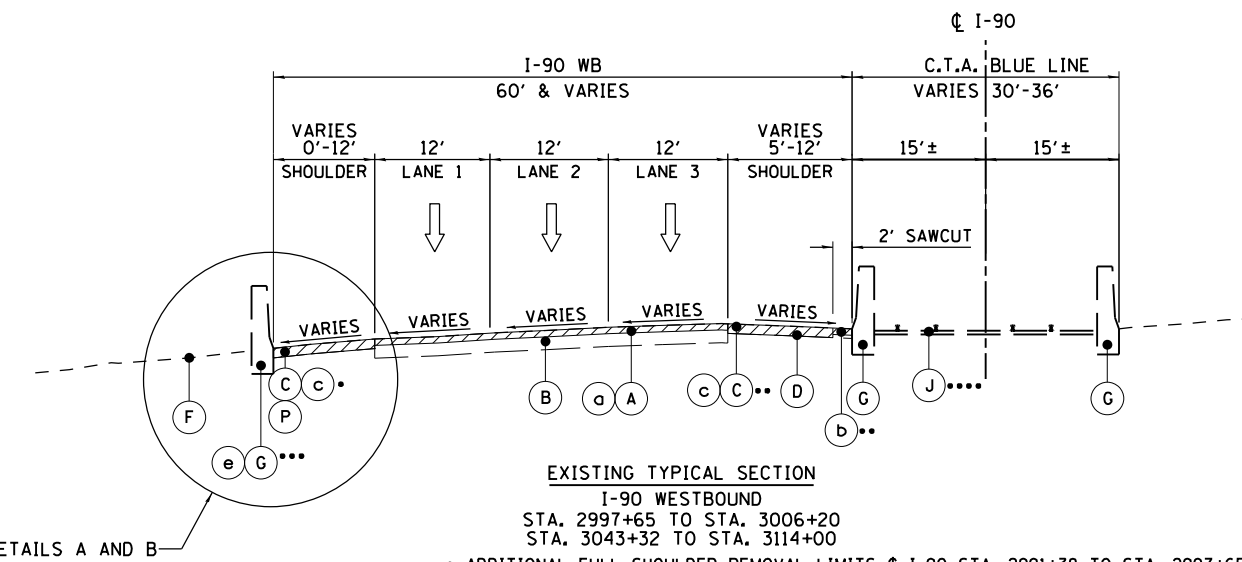
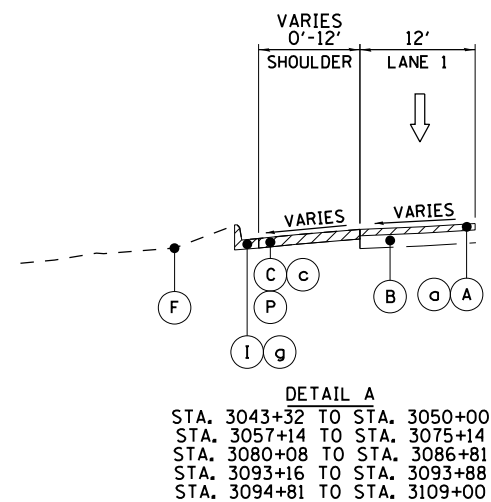
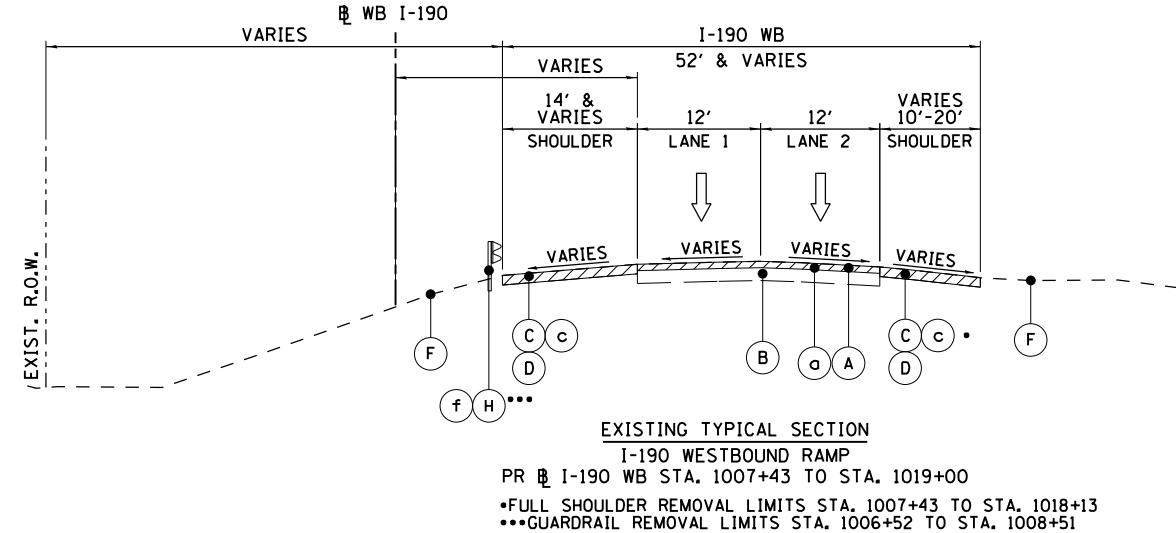
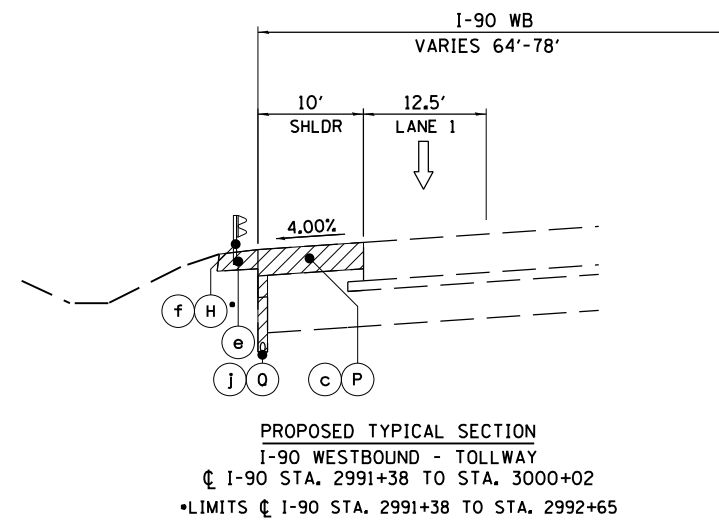
EXISTING LEGEND

- (A) EXISTING 4" +/- HMA SURFACE COURSE
- (B) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 10" +/-
- (C) EXISTING 2" +/- HMA SURFACE COURSE
- (D) EXISTING 13" +/- P.C.C. SHOULDER
- (E) EXISTING AGGREGATE SHOULDER
- (F) EXISTING GROUND
- (G) EXISTING BARRIER WALL
- (H) EXISTING GUARDRAIL
- (I) EXISTING CONCRETE CURB AND GUTTER
- (J) CTA TRACKS
- (K) EXISTING BRIDGE PIER/ABUTMENT
- (L) EXISTING CHAIN LINK FENCE
- (M) EXISTING RETAINING WALL
- (N) EXISTING CONCRETE SIDEWALK
- (O) EXISTING CONCRETE MEDIAN
- (P) EXISTING 8" +/- HMA SHOULDER
- (Q) EXISTING UNDERDRAIN

REMOVAL LEGEND

- (a) HOT-MIX ASPHALT SURFACE REMOVAL, 4"
- (b) HOT-MIX ASPHALT SURFACE REMOVAL, 4 1/4"
- (c) PAVED SHOULDER REMOVAL
- (d) PAVEMENT REMOVAL
- (e) CONCRETE BARRIER REMOVAL
- (f) GUARDRAIL REMOVAL
- (g) COMBINATION CURB AND GUTTER REMOVAL
- (h) MEDIAN REMOVAL
- (i) HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- (j) UNDERDRAIN REMOVAL

= REMOVE EXISTING ITEM



USER NAME = mksrby	DESIGNED MMK	REVISED -
	DRAWN MMK	REVISED -
PLOT SCALE = 2.00" = 1'	CHECKED MAM	REVISED -
PLOT DATE = 1/29/2018	DATE 01/19/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 WESTBOUND FROM HARLEM AVE TO I-90 INTERCHANGE
EXISTING TYPICAL SECTIONS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-2	COOK	734	38
CONTRACT NO. 60Y39				
ILLINOIS FED. AID PROJECT				

EX-TYP-01

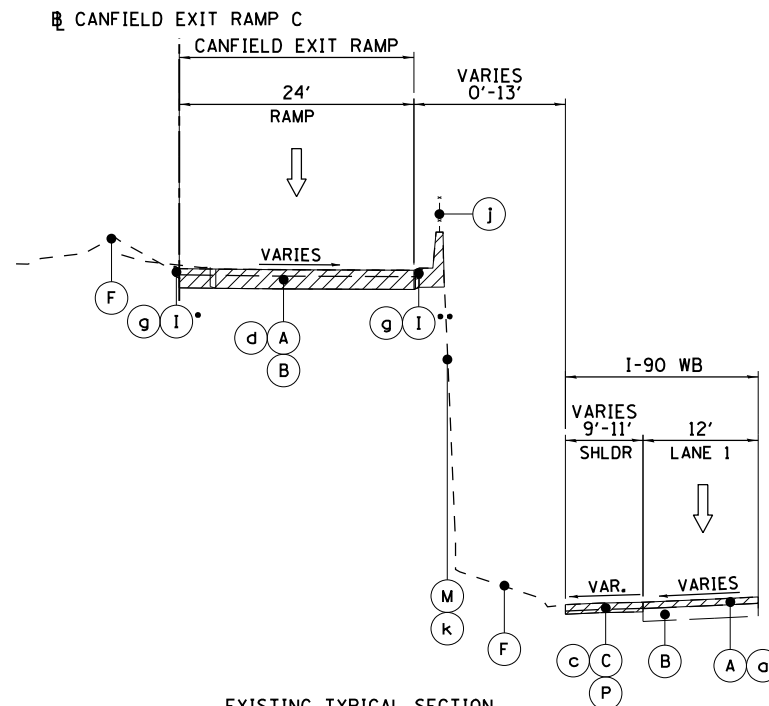
EXISTING LEGEND

- (A) EXISTING 4" +/- HMA SURFACE COURSE
- (B) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 10" +/-
- (C) EXISTING 2" +/- HMA SURFACE COURSE
- (D) EXISTING 13" +/- P.C.C. SHOULDER
- (E) EXISTING AGGREGATE SHOULDER
- (F) EXISTING GROUND
- (G) EXISTING BARRIER WALL
- (H) EXISTING GUARDRAIL
- (I) EXISTING CONCRETE CURB AND GUTTER
- (J) CTA TRACKS
- (K) EXISTING BRIDGE PIER/ABUTMENT
- (L) EXISTING CHAIN LINK FENCE
- (M) EXISTING RETAINING WALL
- (N) EXISTING CONCRETE SIDEWALK
- (O) EXISTING CONCRETE MEDIAN
- (P) EXISTING 8" +/- HMA SHOULDER

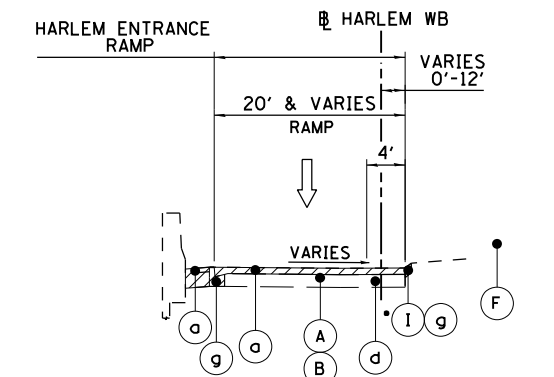
REMOVAL LEGEND

- (a) HOT-MIX ASPHALT SURFACE REMOVAL, 4"
- (b) HOT-MIX ASPHALT SURFACE REMOVAL, 4 1/4"
- (c) PAVED SHOULDER REMOVAL
- (d) PAVEMENT REMOVAL
- (e) CONCRETE BARRIER REMOVAL
- (f) GUARDRAIL REMOVAL
- (g) COMBINATION CURB AND GUTTER REMOVAL
- (h) MEDIAN REMOVAL
- (i) HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- (j) FENCE REMOVAL
- (k) RETAINING WALL REMOVAL

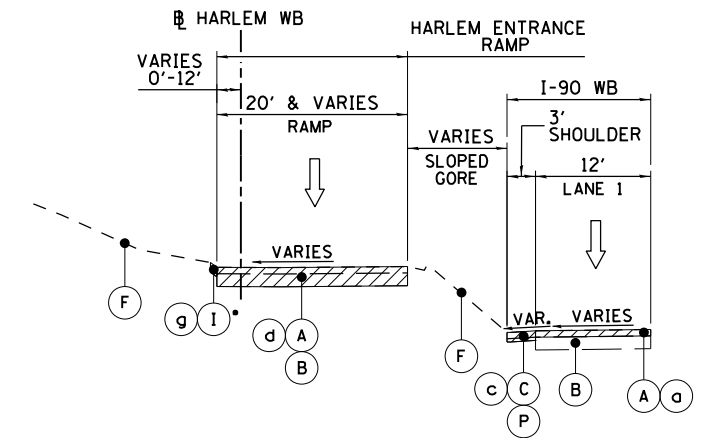
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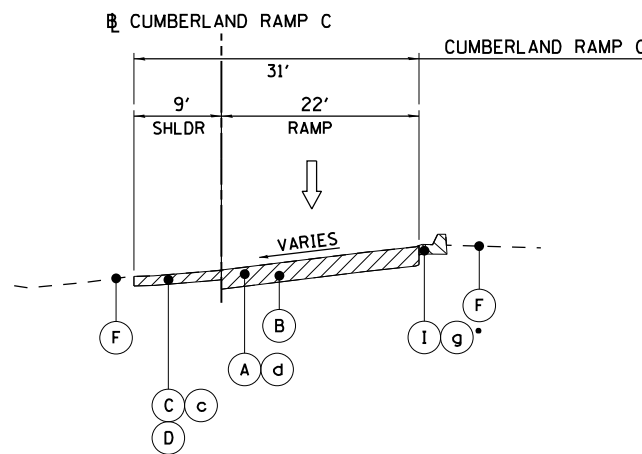
EXISTING TYPICAL SECTION
CANFIELD EXIT RAMP C
PR # CANFIELD EXIT RAMP C STA. 100+00 TO STA. 112+19
• CONCRETE CURB AND GUTTER REMOVAL LIMITS PR # CANFIELD EXIT RAMP C STA. 104+40 TO STA. 112+19
• CONCRETE CURB AND GUTTER REMOVAL LIMITS PR # CANFIELD EXIT RAMP C STA. 106+47 TO STA. 112+19



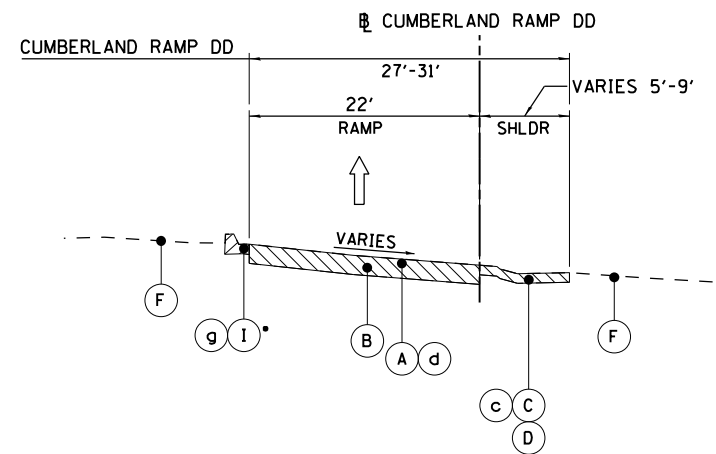
EXISTING TYPICAL SECTION
HARLEM ENTRANCE RAMP
PR # HARLEM RAMP D STA. 101+32.80 TO STA. 103+00



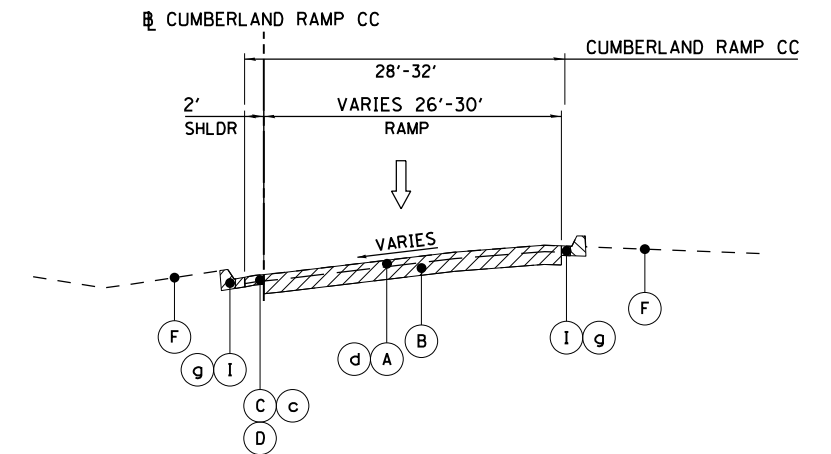
EXISTING TYPICAL SECTION
HARLEM ENTRANCE RAMP
PR # HARLEM RAMP D STA. 103+00 TO STA. 112+29
• CONCRETE CURB AND GUTTER REMOVAL LIMITS PR # HARLEM RAMP D STA. 103+00 TO STA. 109+11



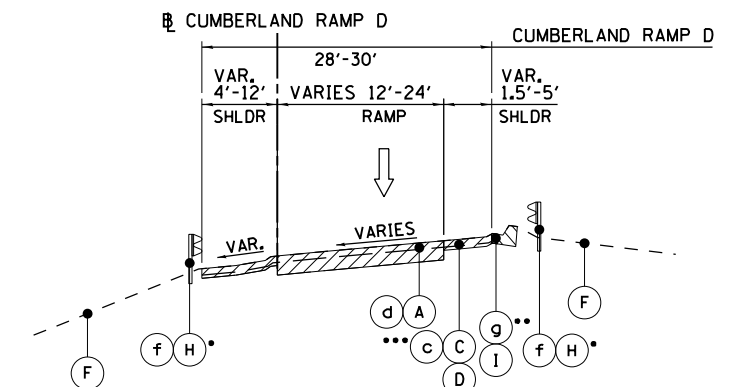
EXISTING TYPICAL SECTION
CUMBERLAND RAMP C
PR # CUMBERLAND RAMP C STA. 703+07 TO STA. 707+51
• CONCRETE CURB AND GUTTER REMOVAL LIMITS
PR # CUMBERLAND RAMP C STA. 704+61 TO STA. 707+51



EXISTING TYPICAL SECTION
CUMBERLAND RAMP DD
PR # CUMBERLAND RAMP DD STA. 1003+01 TO STA. 1009+48
• CONCRETE CURB AND GUTTER REMOVAL LIMITS
PR # CUMBERLAND RAMP DD STA. 1003+73 TO STA. 1009+48



EXISTING TYPICAL SECTION
CUMBERLAND RAMP CC
PR # CUMBERLAND RAMP CC STA. 800+62 TO STA. 806+90



EXISTING TYPICAL SECTION
CUMBERLAND RAMP D
PR # CUMBERLAND AVE RAMP D STA. 900+43 TO STA. 911+42
• GUARDRAIL LIMITS PR # CUMBERLAND RAMP D STA. 905+78 TO STA. 908+66, RT AND STA. 907+28 TO STA. 908+83, LT
• CONCRETE CURB AND GUTTER REMOVAL PR # CUMBERLAND RAMP D LIMITS STA. 900+43 TO STA. 910+23
• INSIDE SHOULDER LIMIT PR # CUMBERLAND RAMP D STA. 902+98 TO STA. 908+26



USER NAME = mksrby	DESIGNED MMK	REVISED -
PLOT SCALE = 2.00" = 1'	DRAWN MMK	REVISED -
PLOT DATE = 1/29/2018	CHECKED MAM	REVISED -
	DATE 01/19/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
EXISTING TYPICAL SECTIONS

SCALE: N/A SHEET NO. 2 OF 5 SHEETS STA. TO STA.

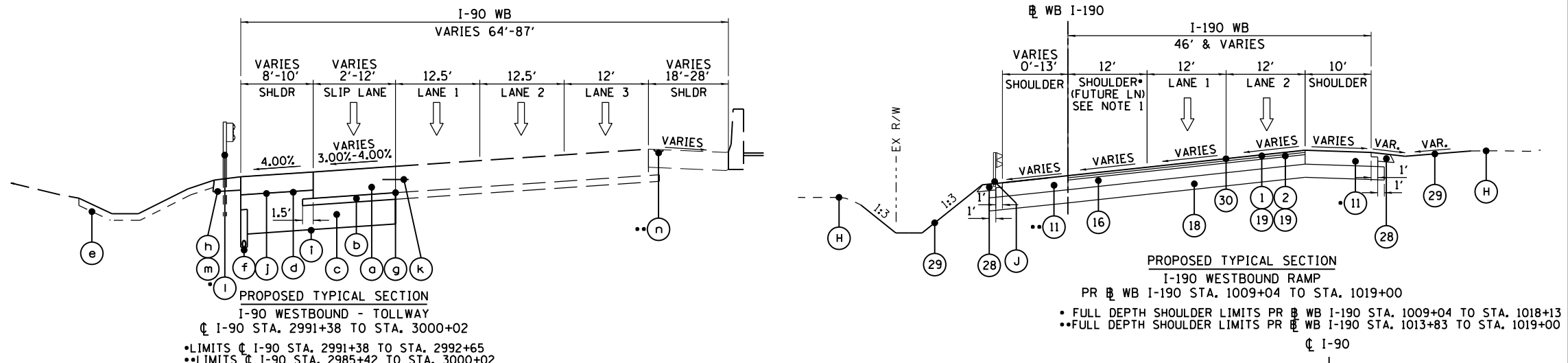
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-2	COOK	734	39
			CONTRACT NO. 60Y39	
ILLINOIS FED. AID PROJECT				

EXISTING LEGEND

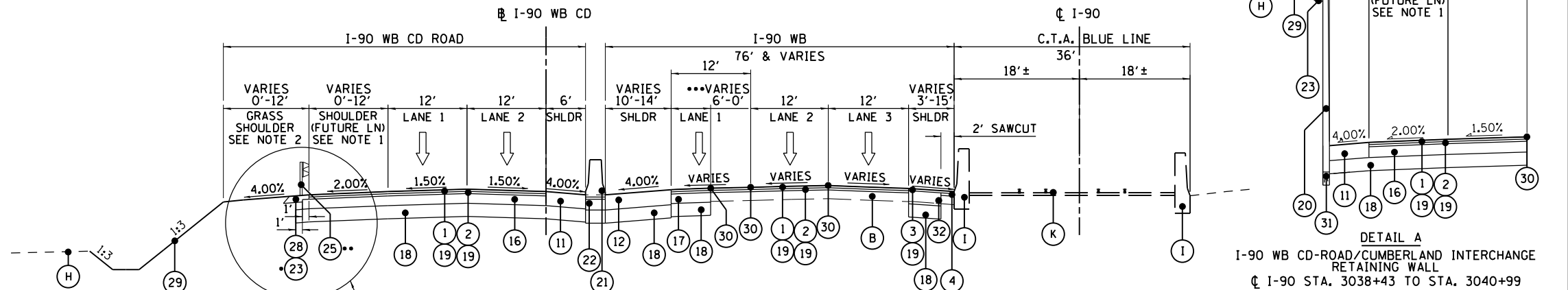
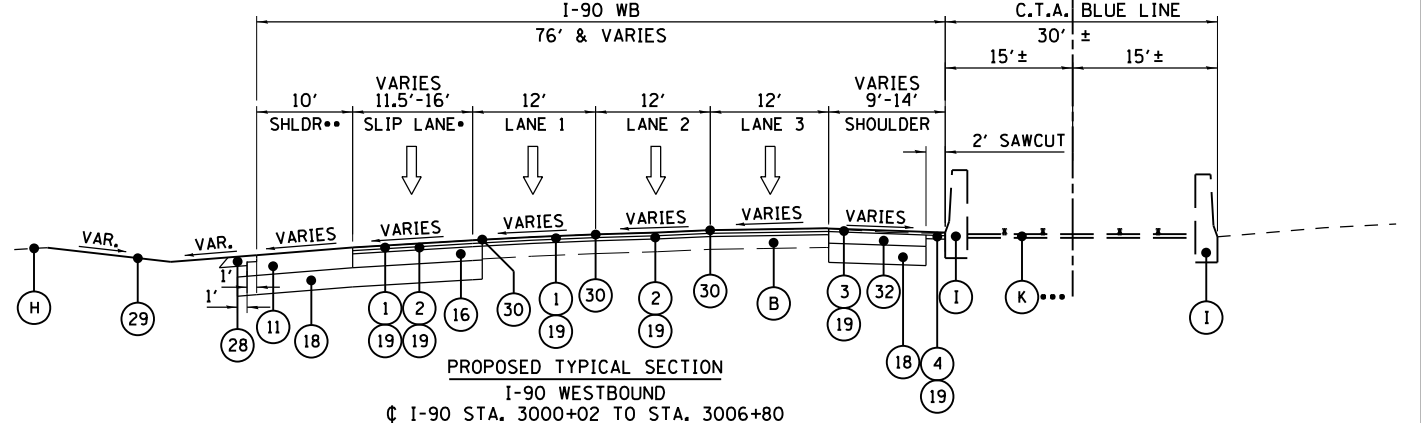
- (A) EXISTING 4" +/- HMA SURFACE COURSE
- (B) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 10"
- (C) EXISTING 6" +/- AGGREGATE SUB-BASE
- (D) EXISTING 2" +/- HMA SURFACE COURSE
- (E) EXISTING 13" +/- P.C.C. SHOULDER
- (F) EXISTING CHAIN LINK FENCE
- (G) EXISTING AGGREGATE SHOULDER
- (H) EXISTING GROUND
- (I) EXISTING BARRIER WALL
- (J) EXISTING GUARDRAIL
- (K) CTA TRACKS
- (L) EXISTING BRIDGE PIER/ABUTMENT
- (M) EXISTING RETAINING WALL
- (N) EXISTING CONCRETE SIDEWALK
- (O) EXISTING CONCRETE CURB AND GUTTER
- (P) EXISTING CONCRETE MEDIAN

PROPOSED LEGEND

- (1) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 (IL-12.5), 2"
- (2) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80 (IL-12.5), 2"
- (3) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- (4) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/4"
- (5) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- (6) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70, 1 3/4"
- (7) NOT USED
- (8) HOT-MIX ASPHALT SHOULDERS, 9 3/4"
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
HMA SHOULDER (HMA BINDER IL-19mm), 7 3/4"
- (9) HOT-MIX ASPHALT SHOULDERS, 10 1/4"
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
HMA SHOULDER (HMA BINDER IL-19mm), 8 1/4"
- (10) HOT-MIX ASPHALT SHOULDERS, 11 1/4"
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
HMA SHOULDER (HMA BINDER IL-19mm), 9 1/4"
- (11) HOT-MIX ASPHALT SHOULDERS, 12 3/4"
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
HMA SHOULDER (HMA BINDER IL-19mm), 10 3/4"
- (12) HOT-MIX ASPHALT SHOULDERS, 13 3/4"
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
HMA SHOULDER (HMA BINDER IL-19mm), 11 3/4"
- (13) HOT-MIX ASPHALT BASE COURSE, 7 3/4"
- (14) HOT-MIX ASPHALT (FULL-DEPTH), 10 1/4"
- (15) HOT-MIX ASPHALT BASE COURSE, 7 1/4"
- (16) HOT-MIX ASPHALT BASE COURSE, 8 3/4"
- (17) HOT-MIX ASPHALT BASE COURSE, 9 3/4"
- (18) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (19) BITUMINOUS MATERIALS (TACK COAT)
- (20) RETAINING WALL
- (21) CONCRETE BARRIER, DOUBLE FACE, 42 IN HEIGHT
- (22) CONCRETE BARRIER BASE
- (23) CONCRETE GUTTER, TYPE A
- (24) COMBINATION CURB AND GUTTER, TYPE M-4.24
- (25) STEEL PLATE BEAM GUARDRAIL



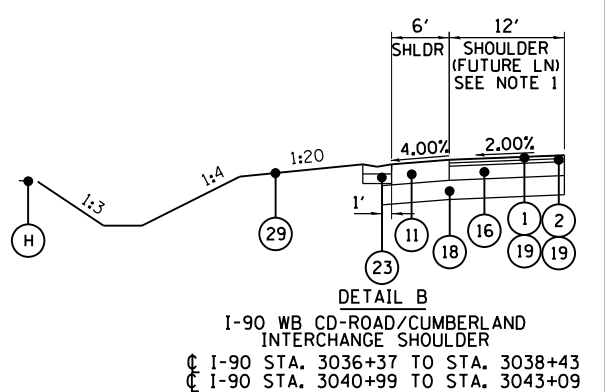
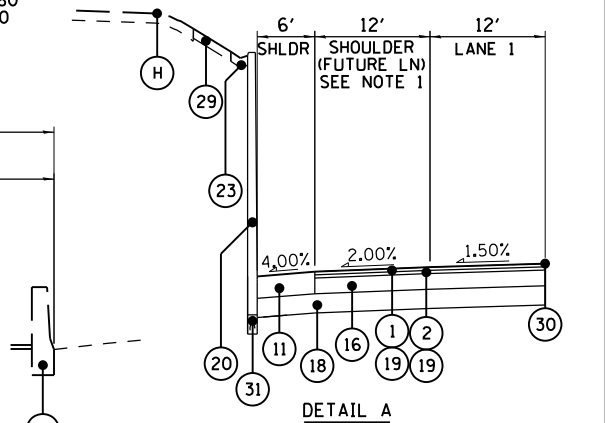
- (a) PORTLAND CEMENT CONCRETE PAVEMENT 13" (JOINTED) (JI420020)
- (b) STABILIZED SUBBASE - WMA, 3" (JI312022)
- (c) AGGREGATE SUBBASE SPECIAL, 8 IN. (JT311030)
- (d) WARM-MIX ASPHALT SHOULDERS (9 IN.) (JI482112)
- (e) TOPSOIL EXCAVATION AND PLACEMENT (21101505)
- (f) PIPE UNDERDRAINS, FABRIC LINED TRENCH 6" (JI601320)
- (g) CONSTRUCTION JOINTS
- (h) AGGREGATE SHOULDERS, TYPE B (JI481040)
- (i) SUBGRADE FILTER FABRIC (JI282010)
- (j) BITUMINOUS MATERIALS (TACK COAT) (40600290)
- (k) NO. 6X24" TIE BARS @ 24" CENTERS
- (l) GALVANIZED STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS (JI630002)
- (m) AGGREGATE SHOULDERS, SPECIAL, TYPE C (JI481070)
- (n) ASPHALT SHOULDER RUMBLE STRIP, 16 INCH (JI642014)



- (26) SIGHT SCREEN (CHAIN LINK FENCE) 6'
- (27) CONCRETE CURB AND GUTTER, TYPE B-6.24
- (28) AGGREGATE SHOULDERS, TYPE B, 6"
- (29) PROPOSED TOPSOIL, SEE NOTE 2
- (30) STRIP REFLECTIVE CRACK CONTROL TREATMENT (SEE NOTE 3)
- (31) PIPE UNDERDRAINS 4"
- (32) HOT-MIX ASPHALT BASE COURSE WIDENING, 12"
- (33) CONCRETE GUTTER, TYPE B

NOTES:

1. STRIP REFLECTIVE CRACK CONTROL TREATMENT SHALL BE INSTALLED IMMEDIATELY IN FRONT OF SURFACING OPERATIONS SO TRAFFIC WILL NOT DISTURB IT BEFORE BEING COVERED WITH SMA SURFACE. SEE PROPOSED TYPICAL SECTIONS FOR LOCATIONS.
2. INSTALL SHOULDER RUMBLE STRIPS, 16" IN ACCORDANCE WITH STANDARD 642001-02.
3. FUTURE LANE OF I-90 WB CD ROAD/I-190 WILL SERVE AS THE ROADWAY SHOULDER FOR THIS PROJECT. SHOULDER STATUS BEGINS AT I-90 WB CD ROAD/I-190 STA. 918+83.77 AND CONTINUES IN TO I-90 WB TYPICAL SECTION LIMITS.



USER NAME = mksrby	DESIGNED = MMK	REVISED =
DRAWN = MMK	REVISIONS =	
PLOT SCALE = 2.00" = 1'-0"	CHECKED = MAM	REVISIONS =
PLOT DATE = 1/29/2018	DATE = 01/19/2018	REVISIONS =

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
PROPOSED TYPICAL SECTIONS

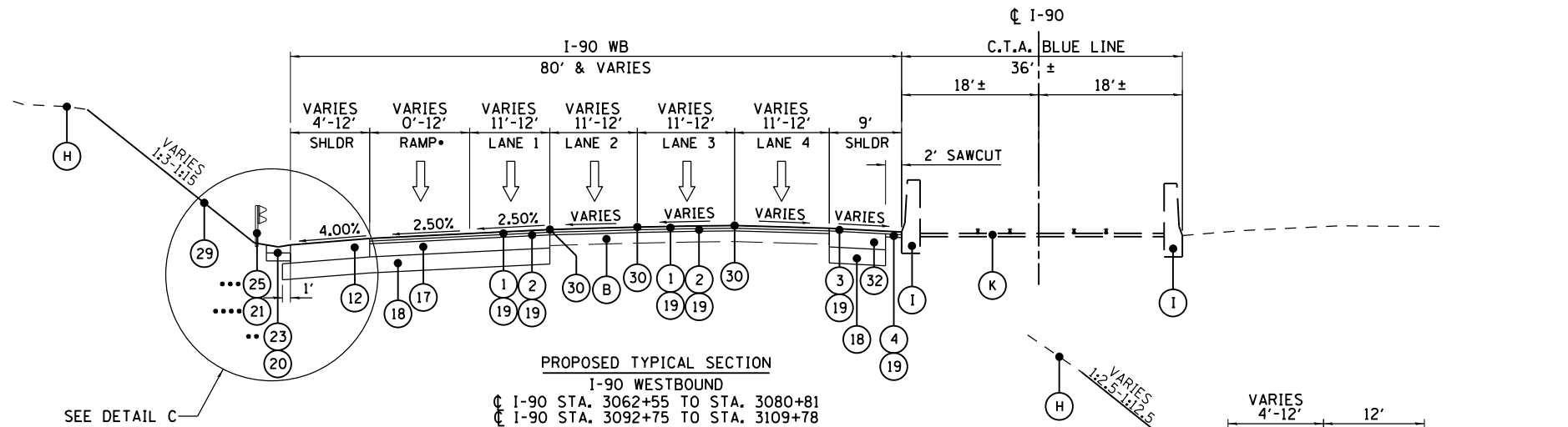
F.A.I. RTE. = 90	SECTION = (1517 & 1415) R-2	COUNTY = COOK	TOTAL SHEETS = 734	SHEET NO. = 40
CONTRACT NO. 60Y39				
ILLINOIS FED. AID PROJECT				

EXISTING LEGEND

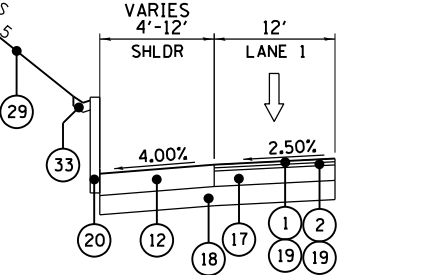
- (A) EXISTING 4" +/- HMA SURFACE COURSE
- (B) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 10"
- (C) EXISTING 6" +/- AGGREGATE SUB-BASE
- (D) EXISTING 2" +/- HMA SURFACE COURSE
- (E) EXISTING 13" +/- P.C.C. SHOULDER
- (F) EXISTING HMA OVERLAY (VARIABLE THICKNESS)
- (G) EXISTING AGGREGATE SHOULDER
- (H) EXISTING GROUND
- (I) EXISTING BARRIER WALL
- (J) EXISTING GUARDRAIL
- (K) CTA TRACKS
- (L) EXISTING BRIDGE PIER/ABUTMENT
- (M) EXISTING RETAINING WALL
- (N) EXISTING CONCRETE SIDEWALK
- (O) EXISTING CONCRETE CURB AND GUTTER
- (P) EXISTING CONCRETE MEDIAN

PROPOSED LEGEND

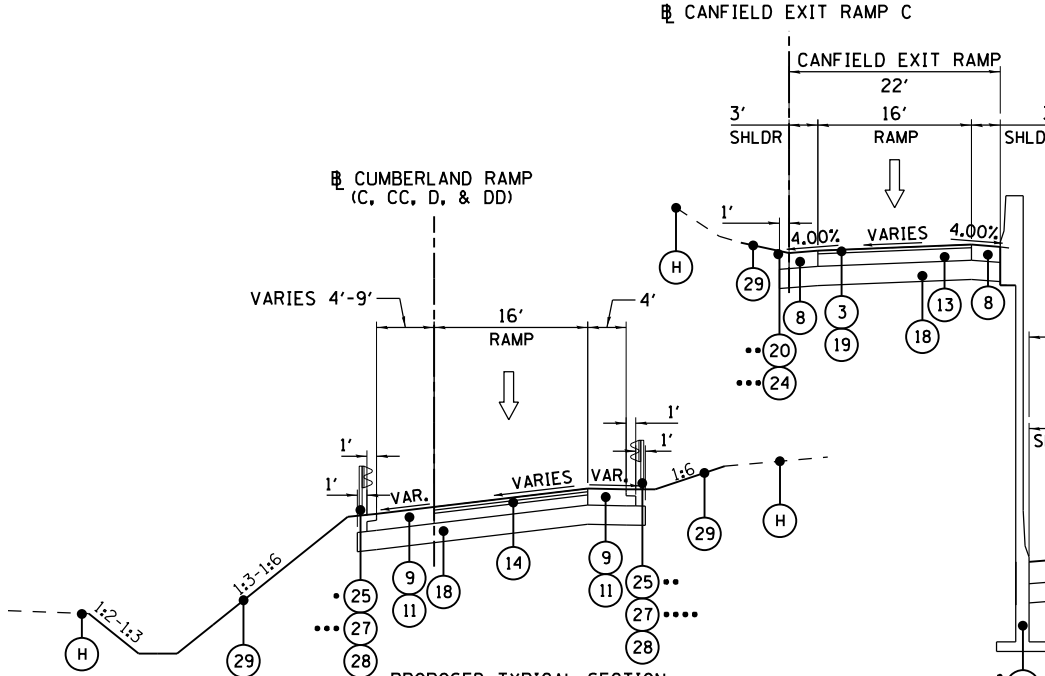
- (1) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 (IL-12.5), 2"
- (2) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80 (IL-12.5), 2"
- (3) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- (4) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/4"
- (5) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- (6) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70, 1 3/4"
- (7) NOT USED
- (8) HOT-MIX ASPHALT SHOULDERS, 9 3/4"
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
HMA SHOULDER (HMA BINDER IL-19mm), 7 3/4"
- (9) HOT-MIX ASPHALT SHOULDERS, 10 1/4"
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
HMA SHOULDER (HMA BINDER IL-19mm), 8 1/4"
- (10) HOT-MIX ASPHALT SHOULDERS, 11 1/4"
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
HMA SHOULDER (HMA BINDER IL-19mm), 9 1/4"
- (11) HOT-MIX ASPHALT SHOULDERS, 12 3/4"
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
HMA SHOULDER (HMA BINDER IL-19mm), 10 3/4"
- (12) HOT-MIX ASPHALT SHOULDERS, 13 3/4"
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
HMA SHOULDER (HMA BINDER IL-19mm), 11 3/4"
- (13) HOT-MIX ASPHALT BASE COURSE, 7 3/4"
- (14) HOT-MIX ASPHALT (FULL-DEPTH), 10 1/4"
- (15) HOT-MIX ASPHALT BASE COURSE, 7 1/4"
- (16) HOT-MIX ASPHALT BASE COURSE, 8 3/4"
- (17) HOT-MIX ASPHALT BASE COURSE, 9 3/4"
- (18) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (19) BITUMINOUS MATERIALS (TACK COAT)
- (20) RETAINING WALL
- (21) CONCRETE BARRIER, DOUBLE FACE, 42 IN HEIGHT
- (22) CONCRETE BARRIER BASE
- (23) CONCRETE GUTTER, TYPE A
- (24) COMBINATION CURB AND GUTTER, TYPE M-4.24
- (25) STEEL PLATE BEAM GUARDRAIL
- (26) SIGHT SCREEN (CHAIN LINK FENCE) 6'
- (27) CONCRETE CURB AND GUTTER, TYPE B-6.24
- (28) AGGREGATE SHOULDERS, TYPE B, 6"
- (29) PROPOSED TOPSOIL, SEE NOTE 2
- (30) STRIP REFLECTIVE CRACK CONTROL TREATMENT (SEE NOTE 3)
- (31) PIPE UNDERDRAINS 4"
- (32) HOT-MIX ASPHALT BASE COURSE WIDENING, 12"
- (33) CONCRETE GUTTER, TYPE B



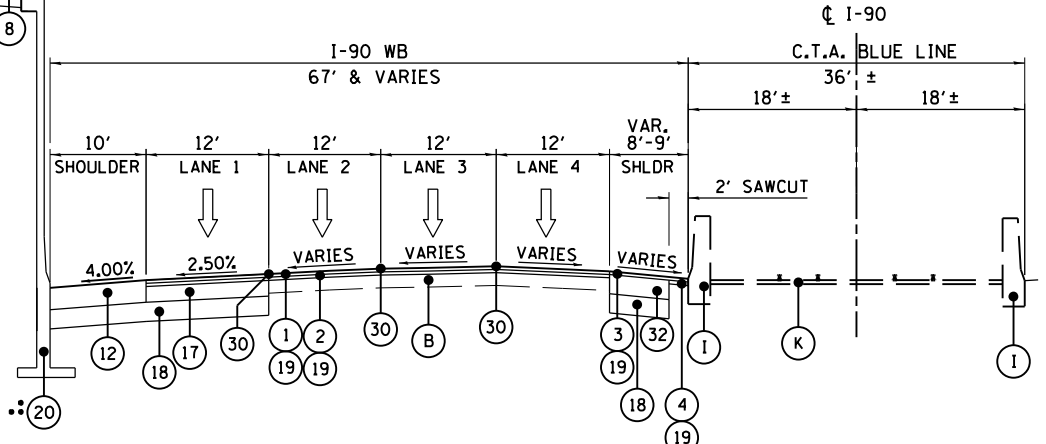
PROPOSED TYPICAL SECTION
 I-90 WESTBOUND
 C I-90 STA. 3062+55 TO STA. 3080+81
 C I-90 STA. 3092+75 TO STA. 3109+78
 • RAMP LIMITS C I-90 STA. 3062+55 TO STA. 3072+79
 • TYPE A GUTTER LIMITS C I-90 STA. 3062+55 TO 3067+00 AND STA. 3106+22 TO STA. 3107+78
 • GUARDRAIL LIMITS C I-90 STA. 3104+62 TO STA. 3108+98
 • CONCRETE BARRIER LIMITS C I-90 STA. 3104+00 TO STA. 3104+62



DETAIL C
 I-90 WB RETAINING WALL
 C I-90 STA. 3067+00 TO STA. 3074+50
 C I-90 STA. 3076+24 TO STA. 3080+81
 C I-90 STA. 3093+85 TO STA. 3104+00



PROPOSED TYPICAL SECTION
 CUMBERLAND RAMP C, CC, D, & DD
 PR RAMP C STA. 704+00 TO STA. 707+52
 PR RAMP CC STA. 800+62 TO STA. 807+06
 PR RAMP D STA. 900+43 TO STA. 912+48
 PR RAMP DD STA. 1003+63 TO STA. 1009+48



PROPOSED TYPICAL SECTION
 I-90 WESTBOUND AND CANFIELD EXIT RAMP
 C I-90 STA. 3080+55 TO STA. 3092+75
 PR CANFIELD EXIT RAMP C STA. 105+85 TO STA. 112+06
 • RETAINING WALL LIMITS C I-90 STA. 3080+81 TO STA. 3087+04
 • RETAINING WALL LIMITS PR CANFIELD EXIT RAMP C STA. 100+00 TO STA. 106+42 AND C I-90 STA. 3086+45 TO STA. 3092+82
 • CONCRETE CURB AND GUTTER, TYPE M LIMITS PR CANFIELD EXT RAMP C STA. 106+42 TO STA. 112+19

NOTES:

1. STRIP REFLECTIVE CRACK CONTROL TREATMENT SHALL BE INSTALLED IMMEDIATELY IN FRONT OF SURFACING OPERATIONS SO TRAFFIC WILL NOT DISTURB IT BEFORE BEING COVERED WITH SMA SURFACE. SEE PROPOSED TYPICAL SECTIONS FOR LOCATIONS.
2. INSTALL SHOULDER RUMBLE STRIPS, 16" IN ACCORDANCE WITH STANDARD 642001-02.



USER NAME = mksrby	DESIGNED MMK	REVISED -
PLOT SCALE = 2.00" = 100'	DRAWN MMK	REVISED -
PLOT DATE = 1/29/2018	CHECKED MAM	REVISED -
	DATE 01/19/2018	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
 PROPOSED TYPICAL SECTIONS

SCALE: N/A SHEET NO. 4 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-2	COOK	734	41
CONTRACT NO. 60Y39				
ILLINOIS FED. AID PROJECT				

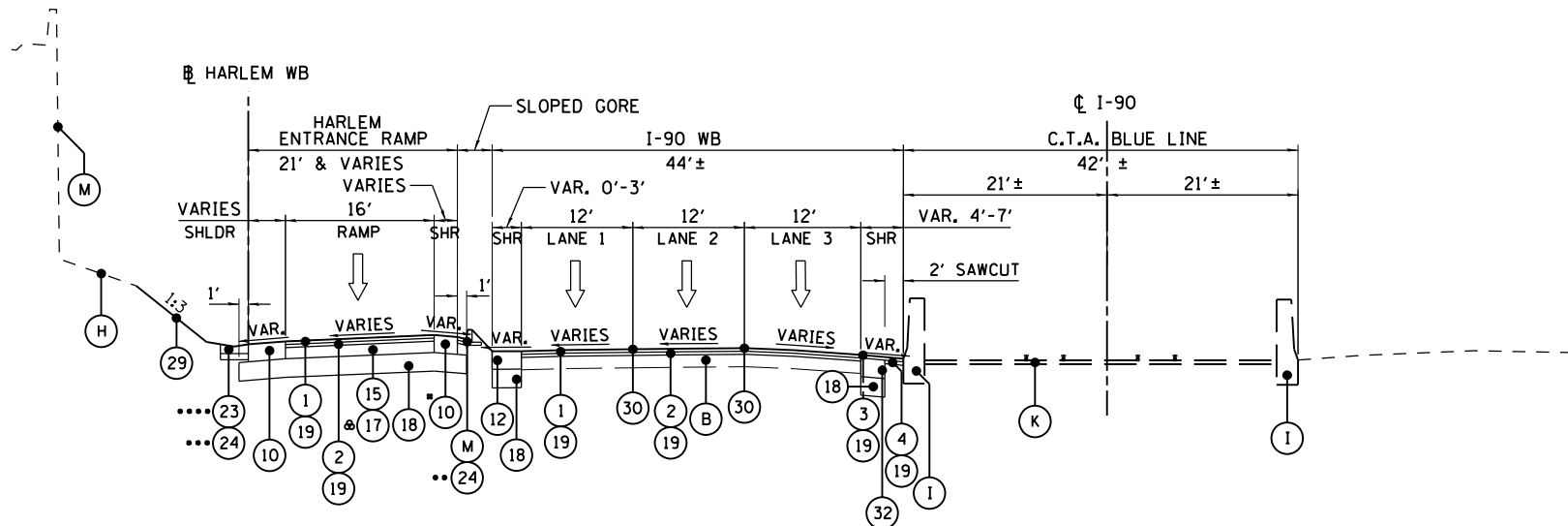
TYP-02

EXISTING LEGEND

- (A) EXISTING 4" +/- HMA SURFACE COURSE
- (B) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 10"
- (C) EXISTING 6" +/- AGGREGATE SUB-BASE
- (D) EXISTING 2" +/- HMA SURFACE COURSE
- (E) EXISTING 13" +/- P.C.C. SHOULDER
- (F) EXISTING HMA OVERLAY (VARIABLE THICKNESS)
- (G) EXISTING AGGREGATE SHOULDER
- (H) EXISTING GROUND
- (I) EXISTING BARRIER WALL
- (J) EXISTING GUARDRAIL
- (K) CTA TRACKS
- (L) EXISTING BRIDGE PIER/ABUTMENT
- (M) EXISTING RETAINING WALL
- (N) EXISTING CONCRETE SIDEWALK
- (O) EXISTING CONCRETE CURB AND GUTTER
- (P) EXISTING CONCRETE MEDIAN

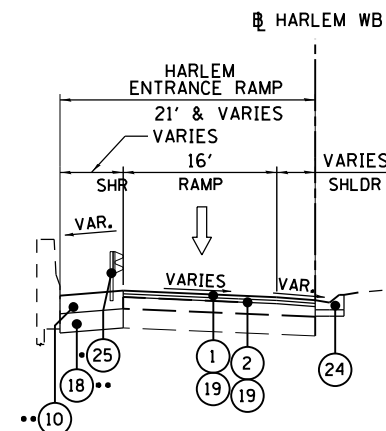
PROPOSED LEGEND

- (1) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 (IL-12.5), 2"
- (2) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80 (IL-12.5), 2"
- (3) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- (4) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/4"
- (5) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- (6) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70, 1 3/4"
- (7) NOT USED
- (8) HOT-MIX ASPHALT SHOULDERS, 9 3/4"
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
HMA SHOULDER (HMA BINDER IL-19mm), 7 3/4"
- (9) HOT-MIX ASPHALT SHOULDERS, 10 1/4"
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
HMA SHOULDER (HMA BINDER IL-19mm), 8 1/4"
- (10) HOT-MIX ASPHALT SHOULDERS, 11 1/4"
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
HMA SHOULDER (HMA BINDER IL-19mm), 9 1/4"
- (11) HOT-MIX ASPHALT SHOULDERS, 12 3/4"
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
HMA SHOULDER (HMA BINDER IL-19mm), 10 3/4"
- (12) HOT-MIX ASPHALT SHOULDERS, 13 3/4"
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
HMA SHOULDER (HMA BINDER IL-19mm), 11 3/4"
- (13) HOT-MIX ASPHALT BASE COURSE, 7 3/4"
- (14) HOT-MIX ASPHALT (FULL-DEPTH), 10 1/4"
- (15) HOT-MIX ASPHALT BASE COURSE, 7 1/4"
- (16) HOT-MIX ASPHALT BASE COURSE, 8 3/4"
- (17) HOT-MIX ASPHALT BASE COURSE, 9 3/4"
- (18) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (19) BITUMINOUS MATERIALS (TACK COAT)
- (20) RETAINING WALL
- (21) CONCRETE BARRIER, DOUBLE FACE, 42 IN HEIGHT
- (22) CONCRETE BARRIER BASE
- (23) CONCRETE GUTTER, TYPE A
- (24) COMBINATION CURB AND GUTTER, TYPE M-4.24
- (25) STEEL PLATE BEAM GUARDRAIL
- (26) SIGHT SCREEN (CHAIN LINK FENCE) 6'
- (27) CONCRETE CURB AND GUTTER, TYPE B-6.24
- (28) AGGREGATE SHOULDERS, TYPE B, 6"
- (29) PROPOSED TOPSOIL, SEE NOTE 2
- (30) STRIP REFLECTIVE CRACK CONTROL TREATMENT (SEE NOTE 3)
- (31) PIPE UNDERDRAINS 4"
- (32) HOT-MIX ASPHALT BASE COURSE WIDENING, 12"
- (33) CONCRETE GUTTER, TYPE B



PROPOSED TYPICAL SECTION
I-90 WESTBOUND AND HARLEM ENTRANCE RAMP
C I-90 STA. 3109+78 TO STA. 3114+00
PR HARLEM RAMP D STA. 103+00 TO STA. 108+33

- RETAINING WALL LIMITS PR HARLEM RAMP D STA. 103+00 TO STA. 103+67
- TYPE M CURB AND GUTTER LIMITS PR HARLEM RAMP D STA. 103+00 TO 106+34
- TYPE M CURB AND GUTTER LIMITS PR HARLEM RAMP D STA. 103+00 TO 105+04
- CONCRETE GUTTER, TYPE A LIMITS PR HARLEM RAMP D STA. 105+04 TO STA. 111+86
- PAVEMENT CHANGES TO NOTED TYPE FROM C I-90 STA. 3107+78 TO STA. 3109+78 (EQUIVALENT TO PR HARLEM RAMP D STA. 112+28 TO STA. 108+33)
- LIMITS PR HARLEM RAMP D STA. 103+00 TO STA. 106+34



PROPOSED TYPICAL SECTION
HARLEM ENTRANCE RAMP
C I-90 STA. 3115+12 TO STA. 316+78
PR HARLEM RAMP D STA. 101+32.80 TO STA. 103+00

- GUARDRAIL LIMITS STA. 100+02.58 TO 101+87.66
- SHOULDER RECONSTRUCTION LIMITS STA. 99+59.87 TO STA. 103+00

NOTES:

1. STRIP REFLECTIVE CRACK CONTROL TREATMENT SHALL BE INSTALLED IMMEDIATELY IN FRONT OF SURFACING OPERATIONS SO TRAFFIC WILL NOT DISTURB IT BEFORE BEING COVERED WITH SMA SURFACE. SEE PROPOSED TYPICAL SECTIONS FOR LOCATIONS.
2. INSTALL SHOULDER RUMBLE STRIPS, 16" IN ACCORDANCE WITH STANDARD 642001-02.



USER NAME = mksrby	DESIGNED MMK	REVISED -
PLOT SCALE = 2.00" = 100'	DRAWN MMK	REVISED -
PLOT DATE = 1/29/2018	CHECKED MAM	REVISED -
	DATE 01/19/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
PROPOSED TYPICAL SECTIONS**

SCALE: N/A SHEET NO. 5 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-2	COOK	734	42
CONTRACT NO. 60Y39				
ILLINOIS FED. AID PROJECT				

TYP-03

EARTHWORK SCHEDULE - I-90 WB - SUB-STAGE B

BEGIN STATION	END STATION	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	STRUCTURE EXCAVATION	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE*	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	AGGREGATE SUBGRADE IMPROVEMENT
		(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
2991+38.02	2992+00.00	0	0	0	0	0	0	0	0	0
2992+00.00	2993+00.00	0	0	0	0	0	0	0	0	0
2993+00.00	2994+00.00	0	0	0	0	0	0	0	0	0
2994+00.00	2995+00.00	0	0	0	0	0	0	0	0	0
2995+00.00	2996+00.00	0	0	0	0	0	0	0	0	0
2996+00.00	2997+00.00	0	0	0	0	0	0	0	0	0
2997+00.00	2998+00.00	0	0	0	0	0	0	0	0	0
2998+00.00	2998+90.37	0	0	0	0	0	0	0	0	0
2998+90.37	3000+02.00	0	0	0	0	0	0	0	0	0
3000+02.00	3001+00.00	0	0	64	0	0	55	0	55	0
3001+00.00	3001+12.68	0	0	80	0	0	68	0	68	0
3001+12.68	3002+00.00	0	0	6	0	0	5	0	5	0
3002+00.00	3003+00.00	0	0	40	0	0	34	0	34	0
3003+00.00	3004+00.00	0	0	52	0	0	44	0	44	0
3004+00.00	3004+49.71	0	0	52	0	0	44	0	44	0
3004+49.71	3005+00.00	0	0	25	0	0	21	0	21	0
3005+00.00	3005+78.79	0	0	23	0	0	20	0	20	0
3005+78.79	3006+58.69	0	0	32	0	0	27	0	27	0
3006+58.69	3006+79.96	0	0	31	0	0	26	0	26	0
3006+79.96	3008+00.00	0	0	8	0	0	7	0	7	0
3008+00.00	3009+00.00	0	0	47	0	0	40	0	40	0
3009+00.00	3010+16.09	0	0	39	0	0	33	0	33	0
3010+16.09	3011+00.00	0	0	43	0	0	36	0	36	0
3011+00.00	3011+20.00	0	0	27	0	0	23	0	23	0
3011+20.00	3011+40.00	0	0	5	0	0	5	0	5	0
3011+40.00	3011+60.00	0	0	5	0	0	4	0	4	0
3011+60.00	3011+80.00	0	0	4	0	0	4	0	4	0
3011+80.00	3012+00.00	0	0	4	0	0	3	0	3	0
3012+00.00	3013+00.00	0	0	3	0	0	3	0	3	0
3013+00.00	3013+40.00	0	0	12	0	0	10	0	10	0
3013+40.00	3013+60.00	0	0	5	0	0	4	0	4	0
3013+60.00	3013+80.00	0	0	3	0	0	2	0	2	0
3013+80.00	3014+00.00	0	0	3	0	0	3	0	3	0
3014+00.00	3014+15.00	0	0	3	0	0	3	0	3	0
3014+15.00	3014+20.00	0	0	3	0	0	2	0	2	0
3014+20.00	3014+40.00	0	0	1	0	0	1	0	1	0
3014+40.00	3014+60.00	0	0	5	0	0	5	0	5	0
3014+60.00	3014+80.00	0	0	5	0	0	5	0	5	0
3014+80.00	3015+00.00	0	0	5	0	0	5	0	5	0
3015+00.00	3016+00.00	0	0	5	0	0	5	0	5	0
3016+00.00	3017+00.00	0	0	31	0	0	26	0	26	0
3017+00.00	3018+00.00	0	0	35	0	0	30	0	30	0
3018+00.00	3018+61.26	0	0	35	0	0	30	0	30	0
3018+61.26	3019+00.00	0	0	22	0	0	18	0	18	0
3019+00.00	3020+00.00	0	0	14	0	0	12	0	12	0
3020+00.00	3021+00.00	0	0	36	0	0	30	0	30	0
3021+00.00	3022+00.00	0	0	36	0	0	30	0	30	0
3022+00.00	3023+00.00	0	0	36	0	0	30	0	30	0
3023+00.00	3024+00.00	0	0	37	0	0	31	0	31	0
3024+00.00	3025+00.00	0	0	37	0	0	31	0	31	0
3025+00.00	3025+63.00	0	0	37	0	0	31	0	31	0
3025+63.00	3026+00.00	0	0	33	0	0	28	0	28	0
3026+00.00	3027+11.31	0	0	19	0	0	16	0	16	0
3027+11.31	3028+11.27	0	0	41	0	0	34	0	34	0
3028+11.27	3029+00.00	0	0	37	0	0	32	0	32	0
3029+00.00	3029+52.85	0	0	33	0	0	28	0	28	0
3029+52.85	3030+00.00	0	0	19	0	0	16	0	16	0
3030+00.00	3030+73.45	0	0	17	0	0	15	0	15	0
3030+73.45	3031+00.00	0	0	30	0	0	25	0	25	0
3031+00.00	3032+00.00	0	0	12	0	0	10	0	10	0
3032+00.00	3032+96.78	0	0	49	0	0	42	0	42	0
3032+96.78	3033+89.55	0	0	50	0	0	43	0	43	0
3033+89.55	3035+00.00	0	0	48	0	0	41	0	41	0
3035+00.00	3036+00.37	0	0	57	0	0	49	0	49	0
3036+00.37	3036+37.04	0	0	52	0	0	44	0	44	0
3036+37.04	3037+00.00	0	0	19	0	0	16	0	16	0
3037+00.00	3037+42.88	0	0	32	0	0	27	0	27	0
3037+42.88	3038+00.00	0	0	22	0	0	18	0	18	0
3038+00.00	3038+45.00	0	0	29	0	0	25	0	25	0
3038+45.00	3038+75.00	0	0	23	0	0	20	0	20	0
3038+75.00	3038+90.00	0	0	15	0	0	13	0	13	0
3038+90.00	3038+96.91	0	0	7	0	0	6	0	6	0
3038+96.91	3039+00.00	0	0	3	0	0	3	0	3	0
3039+00.00	3040+00.00	0	0	1	0	0	1	0	1	0
3040+00.00	3040+33.95	0	0	42	0	0	36	0	36	0
SUB-TOTAL		0	0	1,686	0	0	1,434	0	1,434	0

*SHRINKAGE FACTOR 15%



USER NAME = mksrby	DESIGNED BAJ	REVISED -
	DRAWN BAJ	REVISED -
PLOT SCALE = 2.00' / in.	CHECKED MAM	REVISED -
PLOT DATE = 1/29/2018	DATE 01/19/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
SCHEDULE OF QUANTITIES
EARTHWORK - I-90 WESTBOUND

SCALE: N/A SHEET NO. 1 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-2	COOK	734	43
CONTRACT NO. 60Y39				
ILLINOIS FED. AID PROJECT				

EW-WB-1

EARTHWORK SCHEDULE - I-90 WB - SUB-STAGE B

BEGIN STATION	END STATION	TOPSOIL EXCAVATION (CU YD)	TOPSOIL PLACEMENT (CU YD)	EARTH EXCAVATION (CU YD)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	STRUCTURE EXCAVATION (CU YD)	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE* (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)	AGGREGATE SUBGRADE IMPROVEMENT (CU YD)
3040+33.95	3040+50.00	0	0	16	0	0	14	0	14	0
3040+50.00	3040+90.00	0	0	9	0	0	7	0	7	0
3040+90.00	3041+00.00	0	0	22	0	0	19	0	19	0
3041+00.00	3042+00.00	0	0	6	0	0	5	0	5	0
3042+00.00	3043+08.57	0	0	63	0	0	54	0	54	0
3043+08.57	3043+45.23	0	0	73	0	0	62	0	62	0
3043+45.23	3044+00.00	0	0	25	0	0	21	0	21	0
3044+00.00	3045+00.00	0	0	37	0	0	31	0	31	0
3045+00.00	3046+00.00	0	0	67	0	0	57	0	57	0
3046+00.00	3046+66.21	0	0	67	0	0	57	0	57	0
3046+66.21	3046+99.92	0	0	45	0	0	38	0	38	0
3046+99.92	3047+99.97	0	0	23	0	0	19	0	19	0
3047+99.97	3048+59.83	0	0	66	0	0	56	0	56	0
3048+59.83	3049+00.00	0	0	38	0	0	32	0	32	0
3049+00.00	3050+00.00	0	0	24	0	0	21	0	21	0
3050+00.00	3050+30.58	0	0	55	0	0	47	0	47	0
3050+30.58	3051+29.53	0	0	15	0	0	13	0	13	0
3051+29.53	3051+81.00	0	0	45	0	0	38	0	38	0
3051+81.00	3052+00.00	0	0	22	0	0	19	0	19	0
3052+00.00	3053+00.00	0	0	8	0	0	7	0	7	0
3053+00.00	3054+26.66	0	0	39	0	0	33	0	33	0
3054+26.66	3055+00.00	0	0	45	0	0	39	0	39	0
3055+00.00	3056+00.00	0	0	25	0	0	21	0	21	0
3056+00.00	3057+00.00	0	0	34	0	0	29	0	29	0
3057+00.00	3057+51.09	0	0	34	0	0	28	0	28	0
3057+51.09	3057+65.00	0	0	17	0	0	15	0	15	0
3057+65.00	3058+16.22	0	0	5	0	0	4	0	4	0
3058+16.22	3059+00.00	0	0	18	0	0	15	0	15	0
3059+00.00	3060+00.00	0	0	29	0	0	25	0	25	0
3060+00.00	3061+00.00	0	0	35	0	0	30	0	30	0
3061+00.00	3062+43.84	0	0	35	0	0	29	0	29	0
3062+43.84	3063+00.00	0	0	50	0	0	42	0	42	0
3063+00.00	3064+00.00	0	0	19	0	0	16	0	16	0
3064+00.00	3065+00.00	0	0	35	0	0	29	0	29	0
3065+00.00	3066+00.00	0	0	35	0	0	30	0	30	0
3066+00.00	3067+00.32	0	0	35	0	0	29	0	29	0
3067+00.32	3068+00.32	0	0	35	0	0	30	0	30	0
3068+00.32	3069+00.32	0	0	35	0	0	30	0	30	0
3069+00.32	3069+49.97	0	0	36	0	0	31	0	31	0
3069+49.97	3070+00.32	0	0	18	0	0	15	0	15	0
3070+00.32	3071+00.32	0	0	18	0	0	15	0	15	0
3071+00.32	3072+00.32	0	0	35	0	0	30	0	30	0
3072+00.32	3073+00.00	0	0	35	0	0	30	0	30	0
3073+00.00	3074+00.00	0	0	35	0	0	29	0	29	0
3074+00.00	3075+00.32	0	0	34	0	0	29	0	29	0
3075+00.32	3075+15.00	0	0	34	0	0	29	0	29	0
3075+15.00	3076+50.00	0	0	5	0	0	4	0	4	0
3076+50.00	3077+00.00	0	0	44	0	0	38	0	38	0
3077+00.00	3077+66.27	0	0	16	0	0	14	0	14	0
3077+66.27	3079+00.00	0	0	21	0	0	18	0	18	0
3079+00.00	3080+00.00	0	0	44	0	0	37	0	37	0
3080+00.00	3081+00.00	0	0	33	0	0	28	0	28	0
3081+00.00	3082+00.00	0	0	33	0	0	28	0	28	0
3082+00.00	3083+00.00	0	0	33	0	0	28	0	28	0
3083+00.00	3084+00.00	0	0	33	0	0	28	0	28	0
3084+00.00	3085+00.00	0	0	33	0	0	28	0	28	0
3085+00.00	3086+00.00	0	0	32	0	0	27	0	27	0
3086+00.00	3086+70.14	0	0	33	0	0	28	0	28	0
3086+70.14	3087+04.04	0	0	22	0	0	19	0	19	0
3087+04.04	3087+50.00	0	0	10	0	0	9	0	9	0
3087+50.00	3088+00.00	0	0	14	0	0	12	0	12	0
3088+00.00	3088+50.00	0	0	15	0	0	13	0	13	0
3088+50.00	3088+90.52	0	0	15	0	0	12	0	12	0
3088+90.52	3090+00.00	0	0	12	0	0	10	0	10	0
3090+00.00	3090+50.00	0	0	33	0	0	28	0	28	0
3090+50.00	3091+00.00	0	0	15	0	0	13	0	13	0
3091+00.00	3092+00.00	0	0	14	0	0	12	0	12	0
3092+00.00	3092+74.81	0	0	30	0	0	26	0	26	0
3092+74.81	3092+95.00	0	0	24	0	0	20	0	20	0
3092+95.00	3093+83.60	0	0	6	0	0	5	0	5	0
3093+83.60	3095+00.00	0	0	28	0	0	24	0	24	0
3095+00.00	3096+00.00	0	0	39	0	0	33	0	33	0
3096+00.00	3097+00.00	0	0	34	0	0	29	0	29	0
3097+00.00	3098+00.00	0	0	35	0	0	30	0	30	0
3098+00.00	3099+00.00	0	0	35	0	0	30	0	30	0
SUB-TOTAL		0	0	2,271	0	0	1,930	0	1,930	0

*SHRINKAGE FACTOR 15%



USER NAME = mksrby	DESIGNED BAJ	REVISED -
PLOT SCALE = 2.00' / in.	DRAWN BAJ	REVISED -
PLOT DATE = 1/29/2018	CHECKED MAM	REVISED -
	DATE 01/19/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
SCHEDULE OF QUANTITIES
EARTHWORK - I-90 WESTBOUND

SCALE: N/A SHEET NO. 2 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-2	COOK	734	44
			CONTRACT NO. 60Y39	
ILLINOIS FED. AID PROJECT				

EW-SB-2

EARTHWORK SCHEDULE - I-90 WB - SUB-STAGE B										
BEGIN STATION	END STATION	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	STRUCTURE EXCAVATION	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE*	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	AGGREGATE SUBGRADE IMPROVEMENT
		(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
3099+00.00	3100+00.00	0	0	34	0	0	29	0	29	0
3100+00.00	3100+35.00	0	0	33	0	0	28	0	28	0
3100+35.00	3101+00.00	0	0	11	0	0	10	0	10	0
3101+00.00	3102+00.00	0	0	21	0	0	18	0	18	0
3102+00.00	3103+00.00	0	0	31	0	0	26	0	26	0
3103+00.00	3104+00.00	0	0	30	0	0	26	0	26	0
3104+00.00	3105+00.00	0	0	29	0	0	25	0	25	0
3105+00.00	3106+00.00	0	0	28	0	0	24	0	24	0
3106+00.00	3107+00.00	0	0	27	0	0	23	0	23	0
3107+00.00	3107+54.27	0	0	26	0	0	22	0	22	0
3107+54.27	3108+00.00	0	0	14	0	0	12	0	12	0
3108+00.00	3109+08.13	0	0	12	0	0	10	0	10	0
3109+08.13	3110+00.00	0	0	29	0	0	25	0	25	0
3110+00.00	3111+00.00	0	0	26	0	0	22	0	22	0
	SUB-TOTAL	0	0	352	0	0	300	0	300	0
	TOTAL	0	0	4,309	0	0	3,664	0	3,664	0

*SHRINKAGE FACTOR 15%

EARTHWORK SCHEDULE - I-90 WB - STAGE 1										
BEGIN STATION	END STATION	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	STRUCTURE EXCAVATION	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE*	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	AGGREGATE SUBGRADE IMPROVEMENT
		(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
2991+38.02	2992+00.00	0	0	0	0	0	0	0	0	0
2992+00.00	2993+00.00	0	0	0	0	0	0	0	0	0
2993+00.00	2994+00.00	0	0	0	0	0	0	0	0	0
2994+00.00	2995+00.00	0	0	0	0	0	0	0	0	0
2995+00.00	2996+00.00	131	58	42	73	0	36	100	-64	0
2996+00.00	2997+00.00	207	96	86	111	0	73	153	-80	0
2997+00.00	2998+00.00	158	79	110	78	0	93	77	16	0
2998+00.00	2998+90.37	137	62	103	76	0	87	53	34	0
2998+90.37	3000+02.00	129	47	47	82	0	40	138	-98	0
3000+02.00	3001+00.00	97	66	33	31	0	28	159	-131	0
3001+00.00	3001+12.68	81	54	19	27	0	17	152	-135	0
3001+12.68	3002+00.00	21	6	2	15	0	2	32	-30	0
3002+00.00	3003+00.00	139	34	23	105	0	20	180	-160	0
3003+00.00	3004+00.00	147	28	30	119	0	25	148	-123	0
3004+00.00	3004+49.71	142	27	40	115	0	34	97	-63	0
3004+49.71	3005+00.00	70	14	30	56	0	25	38	-13	0
3005+00.00	3005+78.79	74	14	44	59	0	37	38	-1	0
3005+78.79	3006+58.69	124	25	91	100	0	78	68	10	0
3006+58.69	3006+79.96	129	26	81	103	0	69	90	-21	0
3006+79.96	3008+00.00	34	7	19	27	0	16	31	-15	0
3008+00.00	3009+00.00	197	41	107	157	0	91	242	-151	0
3009+00.00	3010+16.09	167	32	74	135	0	63	262	-199	0
3010+16.09	3011+00.00	180	28	42	152	0	36	447	-411	0
3011+00.00	3011+20.00	144	23	7	121	0	6	435	-429	0
3011+20.00	3011+40.00	43	8	2	35	0	1	101	-100	0
3011+40.00	3011+60.00	47	11	3	36	0	2	67	-65	0
3011+60.00	3011+80.00	45	10	3	36	0	3	39	-36	0
3011+80.00	3012+00.00	42	6	7	36	0	6	21	-15	0
3012+00.00	3013+00.00	35	2	12	33	0	10	4	6	0
3013+00.00	3013+40.00	151	0	40	151	0	34	32	2	0
3013+40.00	3013+60.00	61	0	7	61	0	6	25	-19	0
3013+60.00	3013+80.00	38	4	2	33	0	2	30	-28	0
3013+80.00	3014+00.00	76	24	2	52	0	1	196	-195	0
3014+00.00	3014+15.00	102	36	1	65	0	1	365	-364	0
3014+15.00	3014+20.00	73	26	0	47	0	0	284	-284	0
3014+20.00	3014+40.00	25	9	0	16	0	0	92	-92	0
3014+40.00	3014+60.00	101	35	1	67	0	1	350	-349	0
3014+60.00	3014+80.00	100	35	1	65	0	1	316	-315	0
3014+80.00	3015+00.00	98	34	1	64	0	1	284	-283	0
3015+00.00	3016+00.00	97	34	1	63	0	1	270	-269	0
3016+00.00	3017+00.00	465	162	0	303	0	0	1239	-1239	0
3017+00.00	3018+00.00	442	152	0	290	0	0	1025	-1025	0
3018+00.00	3018+61.26	420	141	10	279	0	8	817	-809	0
3018+61.26	3019+00.00	217	67	18	150	0	16	403	-387	0
3019+00.00	3020+00.00	111	29	23	82	0	19	216	-197	0
3020+00.00	3021+00.00	274	66	89	208	0	76	470	-394	0
3021+00.00	3022+00.00	279	65	93	214	0	79	446	-367	0
3022+00.00	3023+00.00	282	64	69	218	0	58	520	-462	0
3023+00.00	3024+00.00	266	60	54	206	0	46	534	-488	0
3024+00.00	3025+00.00	250	57	39	194	0	33	536	-503	0
3025+00.00	3025+63.00	298	69	13	229	0	11	625	-614	0
	SUB-TOTAL	6,945	1,972	1,521	4,973	0	1,292	12,246	-10,954	0

*SHRINKAGE FACTOR 15%



USER NAME = mksrby	DESIGNED BAJ	REVISED -
PLOT SCALE = 2.00" / 100'	DRAWN BAJ	REVISED -
PLOT DATE = 1/29/2018	CHECKED MAM	REVISED -
	DATE 01/19/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 WESTBOUND FROM HARLEM AVE TO I-90 INTERCHANGE
SCHEDULE OF QUANTITIES
I-90 WESTBOUND - SUB-STAGE B AND STAGE 1

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-2	COOK	734	45
CONTRACT NO. 60Y39				
ILLINOIS FED. AID PROJECT				

EW-SB-3

EARTHWORK SCHEDULE - I-90 WB - STAGE 1 - CONT.

BEGIN STATION	END STATION	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	STRUCTURE EXCAVATION	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE*	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	AGGREGATE SUBGRADE IMPROVEMENT
		(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
3025+63.00	3026+00.00	220	39	3	180	0	2	498	-496	0
3026+00.00	3027+11.31	118	14	2	104	0	2	300	-298	0
3027+11.31	3028+11.27	285	43	19	242	0	16	776	-760	0
3028+11.27	3029+00.00	226	40	22	186	0	19	703	-684	0
3029+00.00	3029+52.85	196	34	10	162	19	8	636	-628	0
3029+52.85	3030+00.00	128	18	1	110	21	1	349	-348	0
3030+00.00	3030+73.45	109	16	12	92	9	10	267	-257	0
3030+73.45	3031+00.00	142	26	129	117	0	110	253	-143	0
3031+00.00	3032+00.00	56	10	100	46	0	85	38	47	0
3032+00.00	3032+96.78	230	43	251	187	0	214	93	121	0
3032+96.78	3033+89.55	242	49	31	193	0	26	412	-386	0
3033+89.55	3035+00.00	219	49	9	170	0	8	501	-493	0
3035+00.00	3036+00.37	252	49	37	203	0	31	209	-178	0
3036+00.37	3036+37.04	129	20	79	108	0	68	35	33	0
3036+37.04	3037+00.00	37	7	33	30	0	28	6	22	0
3037+00.00	3037+42.88	133	22	32	110	0	27	54	-27	0
3037+42.88	3038+00.00	112	21	16	91	0	14	102	-88	0
3038+00.00	3038+45.00	164	34	21	130	0	18	198	-180	0
3038+45.00	3038+75.00	109	17	26	92	6	22	84	-62	0
3038+75.00	3038+90.00	46	3	84	43	20	72	8	64	0
3038+90.00	3038+96.91	8	1	70	7	18	60	4	56	0
3038+96.91	3039+00.00	0	0	31	0	10	27	2	25	0
3039+00.00	3040+00.00	0	0	14	0	4	12	1	11	0
3040+00.00	3040+33.95	0	0	467	0	133	397	22	375	0
3040+33.95	3040+50.00	0	0	160	0	45	136	5	131	0
3040+50.00	3040+90.00	9	0	80	9	20	68	6	62	0
3040+90.00	3041+00.00	58	0	140	58	31	119	14	105	0
3041+00.00	3042+00.00	26	3	17	23	2	14	4	10	0
3042+00.00	3043+08.57	293	55	113	238	0	96	118	-22	0
3043+08.57	3043+45.23	130	31	65	99	0	56	96	-40	0
3043+45.23	3044+00.00	49	13	38	35	0	32	5	27	0
3044+00.00	3045+00.00	107	29	115	78	0	98	7	91	0
3045+00.00	3046+00.00	177	40	172	137	0	147	66	81	0
3046+00.00	3046+66.21	224	45	60	178	0	51	108	-57	0
3046+66.21	3046+99.92	157	36	40	120	0	34	42	-8	0
3046+99.92	3047+99.97	75	11	25	63	0	22	12	10	0
3047+99.97	3048+59.83	147	8	159	139	0	135	16	119	0
3048+59.83	3049+00.00	35	5	135	31	0	115	0	115	0
3049+00.00	3050+00.00	32	8	73	24	0	62	10	52	0
3050+00.00	3050+30.58	166	33	93	133	0	79	92	-13	0
3050+30.58	3051+29.53	53	5	8	48	0	7	36	-29	0
3051+29.53	3051+81.00	182	13	25	169	0	21	109	-88	0
3051+81.00	3052+00.00	107	11	23	96	0	20	64	-44	0
3052+00.00	3053+00.00	41	5	9	36	0	8	25	-17	0
3053+00.00	3054+26.66	214	26	40	188	0	34	141	-107	0
3054+26.66	3055+00.00	257	33	34	224	0	29	194	-165	0
3055+00.00	3056+00.00	144	20	20	123	0	17	120	-103	0
3056+00.00	3057+00.00	198	29	40	169	0	34	159	-125	0
3057+00.00	3057+51.09	196	28	54	168	0	46	95	-49	0
3057+51.09	3057+65.00	98	13	46	84	0	39	13	26	0
3057+65.00	3058+16.22	27	4	20	23	0	17	1	16	0
3058+16.22	3059+00.00	89	9	84	80	0	71	2	69	0
3059+00.00	3060+00.00	128	6	155	122	0	132	3	129	0
3060+00.00	3061+00.00	168	15	372	153	0	317	2	315	0
3061+00.00	3062+43.84	180	19	499	160	0	424	1	423	0
3062+43.84	3063+00.00	252	26	697	226	0	592	2	590	0
3063+00.00	3064+00.00	97	11	273	86	0	232	1	231	0
3064+00.00	3065+00.00	165	19	457	146	0	388	1	387	0
3065+00.00	3066+00.00	154	17	407	137	0	346	1	345	0
3066+00.00	3067+00.32	150	18	392	132	0	333	1	332	0
3067+00.32	3068+00.32	146	21	378	124	30	322	12	310	0
3068+00.32	3069+00.32	125	16	334	109	72	284	18	266	0
3069+00.32	3069+49.97	106	9	301	97	81	256	17	239	0
3069+49.97	3070+00.32	50	5	125	45	38	106	12	94	0
3070+00.32	3071+00.32	49	5	115	44	38	97	27	70	0
3071+00.32	3072+00.32	108	17	219	92	74	186	93	93	0
3072+00.32	3073+00.00	109	19	192	89	69	163	71	92	0
3073+00.00	3074+00.00	89	11	161	77	64	137	53	84	0
3074+00.00	3075+00.32	41	8	128	32	62	109	58	51	0
3075+00.32	3075+15.00	19	12	93	8	31	79	43	36	0
3075+15.00	3076+50.00	8	1	11	7	0	9	4	5	0
3076+50.00	3077+00.00	48	10	102	38	27	87	16	71	0
3077+00.00	3077+66.27	14	4	38	11	19	33	13	20	0
3077+66.27	3079+00.00	44	7	55	36	30	47	37	10	0
3079+00.00	3080+00.00	113	21	138	92	79	118	100	18	0
SUB-TOTAL		8,813	1,369	9,033	7,444	1,051	7,681	7,694	-13	0

*SHRINKAGE FACTOR 15%



USER NAME = mksrby	DESIGNED BAJ	REVISED -
PLOT SCALE = 2.00' / in.	DRAWN BAJ	REVISED -
PLOT DATE = 1/29/2018	CHECKED MAM	REVISED -
	DATE 01/19/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
SCHEDULE OF QUANTITIES
EARTHWORK - I-90 WESTBOUND

SCALE: N/A SHEET NO. 4 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-2	COOK	734	46
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y39	

EW-S1-1

EARTHWORK SCHEDULE - I-90 WB - STAGE 1 - CONT.

BEGIN STATION	END STATION	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	STRUCTURE EXCAVATION	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE*	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	AGGREGATE SUBGRADE IMPROVEMENT
		(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
3080+00.00	3081+00.00	77	8	125	69	68	106	48	58	0
3081+00.00	3082+00.00	51	8	183	43	144	155	12	143	0
3082+00.00	3083+00.00	43	7	242	36	209	206	7	199	0
3083+00.00	3084+00.00	43	0	254	43	190	216	7	209	0
3084+00.00	3085+00.00	56	0	239	56	159	203	14	189	0
3085+00.00	3086+00.00	49	0	216	49	133	183	21	162	0
3086+00.00	3086+70.14	43	9	211	34	108	180	24	156	0
3086+70.14	3087+04.04	42	13	142	29	63	121	47	74	0
3087+04.04	3087+50.00	25	6	73	19	21	62	27	35	0
3087+50.00	3088+00.00	45	9	103	36	17	87	27	60	0
3088+00.00	3088+50.00	51	7	116	44	25	98	19	79	0
3088+50.00	3088+90.52	48	5	114	44	30	97	22	75	0
3088+90.52	3090+00.00	40	5	83	35	26	71	33	38	0
3090+00.00	3090+50.00	107	13	221	94	71	188	84	104	0
3090+50.00	3091+00.00	50	6	91	44	31	77	26	51	0
3091+00.00	3092+00.00	51	7	82	44	30	70	17	53	0
3092+00.00	3092+74.81	97	16	141	81	57	120	56	64	0
3092+74.81	3092+95.00	70	12	93	58	39	79	54	25	0
3092+95.00	3093+83.60	15	2	26	14	5	22	7	15	0
3093+83.60	3095+00.00	53	0	123	53	0	105	4	101	0
3095+00.00	3096+00.00	88	9	155	79	32	131	32	99	0
3096+00.00	3097+00.00	82	12	136	70	62	116	32	84	0
3097+00.00	3098+00.00	89	16	145	73	68	124	53	72	0
3098+00.00	3099+00.00	84	15	136	69	65	116	75	41	0
3099+00.00	3100+00.00	81	14	127	67	61	108	56	52	0
3100+00.00	3100+35.00	89	18	122	71	55	103	43	60	0
3100+35.00	3101+00.00	14	5	48	9	21	41	8	33	0
3101+00.00	3102+00.00	0	8	104	0	46	88	8	80	0
3102+00.00	3103+00.00	58	21	137	37	60	117	45	72	0
3103+00.00	3104+00.00	96	20	115	76	48	98	56	42	0
3104+00.00	3105+00.00	65	11	92	54	40	78	30	48	0
3105+00.00	3106+00.00	27	11	81	16	17	68	14	54	0
3106+00.00	3107+00.00	0	11	87	0	0	74	2	72	0
3107+00.00	3107+54.27	2	10	86	0	0	73	6	67	0
3107+54.27	3108+00.00	1	7	50	0	0	42	7	35	0
3108+00.00	3109+08.13	0	7	43	0	0	36	12	24	0
3109+08.13	3110+00.00	0	19	108	0	0	92	48	44	0
3110+00.00	3111+00.00	3	18	98	0	0	83	42	41	0
	SUB-TOTAL	1,834	365	4,750	1,543	2,001	4,034	1,126	2,908	0
	TOTAL	17,592	3,706	15,303	13,960	3,053	13,007	21,067	-8,060	0

*SHRINKAGE FACTOR 15%

EARTHWORK SCHEDULE - I-90 WB - STAGE 2

BEGIN STATION	END STATION	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	STRUCTURE EXCAVATION	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE*	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	AGGREGATE SUBGRADE IMPROVEMENT
		(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
2991+38.02	2992+00.00	0	0	0	0	0	0	0	0	0
2992+00.00	2993+00.00	14	9	33	5	0	28	7	21	0
2993+00.00	2994+00.00	23	30	81	0	0	69	5	64	0
2994+00.00	2995+00.00	352	184	623	168	0	529	169	360	0
2995+00.00	2996+00.00	403	177	512	226	0	435	251	184	0
2996+00.00	2997+00.00	452	194	548	258	0	466	282	184	0
2997+00.00	2998+00.00	440	215	464	225	0	395	313	82	0
2998+00.00	2998+90.37	397	215	237	182	0	201	349	-148	0
2998+90.37	3000+02.00	305	143	134	162	0	114	245	-131	0
3000+02.00	3001+00.00	325	140	111	185	0	94	226	-132	0
3001+00.00	3001+12.68	223	123	119	101	0	101	101	0	0
3001+12.68	3002+00.00	23	14	22	9	0	18	4	14	0
3002+00.00	3003+00.00	126	85	175	41	0	149	12	137	0
3003+00.00	3004+00.00	77	59	252	17	0	215	4	211	0
3004+00.00	3004+49.71	21	23	306	0	0	260	2	258	0
3004+49.71	3005+00.00	0	1	165	0	0	140	0	140	0
3005+00.00	3005+78.79	0	0	137	0	0	116	0	116	0
3005+78.79	3006+58.69	0	0	154	0	0	131	0	131	0
3006+58.69	3006+79.96	0	0	129	0	0	110	0	110	0
3006+79.96	3008+00.00	0	0	31	0	0	26	0	26	0
3008+00.00	3009+00.00	0	0	160	0	0	136	1	135	0
3009+00.00	3010+16.09	0	0	124	0	0	105	0	105	0
3010+16.09	3011+00.00	0	0	135	0	0	115	0	115	0
3011+00.00	3011+20.00	0	0	93	0	0	79	0	79	0
3011+20.00	3011+40.00	0	0	22	0	0	19	0	19	0
	SUB-TOTAL	3,183	1,612	4,767	1,580	0	4,051	1,973	2,078	0

*SHRINKAGE FACTOR 15%



USER NAME = mksrby	DESIGNED BAJ	REVISED -
PLOT SCALE = 2.00' / in.	DRAWN BAJ	REVISED -
PLOT DATE = 1/29/2018	CHECKED MAM	REVISED -
	DATE 01/19/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
SCHEDULE OF QUANTITIES
EARTHWORK - I-90 WESTBOUND

SCALE: N/A SHEET NO. 5 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-2	COOK	734	47
			CONTRACT NO. 60Y39	
ILLINOIS FED. AID PROJECT				

EW-S1-2

EARTHWORK SCHEDULE - I-90 WB - STAGE 2

BEGIN STATION	END STATION	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	STRUCTURE EXCAVATION	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE*	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	AGGREGATE SUBGRADE IMPROVEMENT
		(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
3011+40.00	3011+60.00	0	0	21	0	0	18	0	18	0
3011+60.00	3011+80.00	0	0	21	0	0	18	0	18	0
3011+80.00	3012+00.00	0	0	22	0	0	18	0	18	0
3012+00.00	3013+00.00	0	0	22	0	0	19	0	19	0
3013+00.00	3013+40.00	1	0	117	1	0	100	0	100	0
3013+40.00	3013+60.00	4	0	50	4	0	43	0	43	0
3013+60.00	3013+80.00	3	0	26	3	0	22	0	22	0
3013+80.00	3014+00.00	3	0	26	3	0	22	0	22	0
3014+00.00	3014+15.00	3	0	25	3	0	21	0	21	0
3014+15.00	3014+20.00	2	0	19	2	0	16	0	16	0
3014+20.00	3014+40.00	1	0	6	1	0	5	0	5	0
3014+40.00	3014+60.00	3	0	26	3	0	22	0	22	0
3014+60.00	3014+80.00	3	0	25	3	0	22	0	22	0
3014+80.00	3015+00.00	3	0	25	3	0	21	0	21	0
3015+00.00	3016+00.00	3	0	23	3	0	20	0	20	0
3016+00.00	3017+00.00	20	0	104	20	0	89	5	84	0
3017+00.00	3018+00.00	27	0	96	27	0	82	11	71	0
3018+00.00	3018+61.26	31	0	95	31	0	81	12	69	0
3018+61.26	3019+00.00	20	0	60	20	0	51	6	45	0
3019+00.00	3020+00.00	13	0	37	13	0	32	3	29	0
3020+00.00	3021+00.00	33	0	94	33	0	80	10	70	0
3021+00.00	3022+00.00	32	0	93	32	0	79	12	67	0
3022+00.00	3023+00.00	29	0	95	29	0	81	9	72	0
3023+00.00	3024+00.00	22	0	100	22	0	85	4	81	0
3024+00.00	3025+00.00	14	0	104	14	0	88	2	86	0
3025+00.00	3025+63.00	6	0	111	6	0	94	1	93	0
3025+63.00	3026+00.00	0	0	116	0	0	98	0	98	0
3026+00.00	3027+11.31	0	0	71	0	0	60	0	60	0
3027+11.31	3028+11.27	0	0	151	0	0	128	0	128	0
3028+11.27	3029+00.00	0	0	137	0	0	116	0	116	0
3029+00.00	3029+52.85	0	0	114	0	0	97	0	97	0
3029+52.85	3030+00.00	36	0	76	36	0	65	0	65	0
3030+00.00	3030+73.45	32	0	100	32	0	85	0	85	0
3030+73.45	3031+00.00	24	0	170	24	0	144	0	144	0
3031+00.00	3032+00.00	18	0	53	18	0	45	0	45	0
3032+00.00	3032+96.78	56	0	154	56	0	131	0	131	0
3032+96.78	3033+89.55	31	0	111	31	0	94	0	94	0
3033+89.55	3035+00.00	23	0	105	23	0	89	0	89	0
3035+00.00	3036+00.37	30	0	116	30	0	99	0	99	0
3036+00.37	3036+37.04	27	0	111	27	0	94	0	94	0
3036+37.04	3037+00.00	15	0	43	15	0	36	0	36	0
3037+00.00	3037+42.88	18	0	69	18	0	58	1	57	0
3037+42.88	3038+00.00	0	0	45	0	0	38	0	38	0
3038+00.00	3038+45.00	9	0	61	9	0	52	0	52	0
3038+45.00	3038+75.00	14	0	50	14	0	42	0	42	0
3038+75.00	3038+90.00	4	0	37	4	0	32	0	32	0
3038+90.00	3038+96.91	0	0	21	0	0	18	0	18	0
3038+96.91	3039+00.00	0	0	10	0	0	8	0	8	0
3039+00.00	3040+00.00	0	0	4	0	0	4	0	4	0
3040+00.00	3040+33.95	0	0	143	0	0	122	0	122	0
3040+33.95	3040+50.00	0	0	45	0	0	38	0	38	0
3040+50.00	3040+90.00	0	0	22	0	0	19	0	19	0
3040+90.00	3041+00.00	6	0	55	6	0	47	0	47	0
3041+00.00	3042+00.00	4	0	12	4	0	10	0	10	0
3042+00.00	3043+08.57	33	0	111	33	0	94	0	94	0
3043+08.57	3043+45.23	13	0	107	13	0	91	1	90	0
3043+45.23	3044+00.00	0	0	40	0	0	34	0	34	0
3044+00.00	3045+00.00	21	0	69	21	0	58	0	58	0
3045+00.00	3046+00.00	75	0	95	75	0	81	3	78	0
3046+00.00	3046+66.21	76	0	80	76	0	68	5	63	0
3046+66.21	3046+99.92	50	0	66	50	0	56	2	54	0
3046+99.92	3047+99.97	25	0	36	25	0	31	0	31	0
3047+99.97	3048+59.83	73	0	118	73	0	100	1	99	0
3048+59.83	3049+00.00	41	0	77	41	0	66	0	66	0
3049+00.00	3050+00.00	20	0	58	20	0	49	0	49	0
3050+00.00	3050+30.58	17	0	127	17	0	108	0	108	0
3050+30.58	3051+29.53	0	0	30	0	0	25	0	25	0
3051+29.53	3051+81.00	0	0	99	0	0	84	0	84	0
3051+81.00	3052+00.00	0	0	54	0	0	46	0	46	0
3052+00.00	3053+00.00	0	0	21	0	0	18	0	18	0
3053+00.00	3054+26.66	3	0	112	3	0	95	0	95	0
3054+26.66	3055+00.00	19	0	135	19	0	114	1	113	0
3055+00.00	3056+00.00	21	0	70	21	0	60	1	59	0
3056+00.00	3057+00.00	37	0	94	37	0	80	0	80	0
3057+00.00	3057+51.09	44	0	90	44	0	76	0	76	0
	SUB-TOTAL	1,192	0	5,331	1,192	0	4,532	96	4,436	0

*SHRINKAGE FACTOR 15%



USER NAME = mksrby	DESIGNED BAJ	REVISED -
PLOT SCALE = 2.00' / in.	DRAWN BAJ	REVISED -
PLOT DATE = 1/29/2018	CHECKED MAM	REVISED -
	DATE 01/19/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
SCHEDULE OF QUANTITIES
EARTHWORK- I-90 WB

SCALE: N/A SHEET NO. 6 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-2	COOK	734	48
CONTRACT NO. 60Y39				
ILLINOIS FED. AID PROJECT				

EW-S1-3

EARTHWORK SCHEDULE - I-90 WB - STAGE 2

BEGIN STATION	END STATION	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	STRUCTURE EXCAVATION	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE*	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	AGGREGATE SUBGRADE IMPROVEMENT
		(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
3057+51.09	3057+65.00	25	0	47	25	0	40	0	40	0
3057+65.00	3058+16.22	7	0	14	7	0	12	0	12	0
3058+16.22	3059+00.00	25	0	53	25	0	45	0	45	0
3059+00.00	3060+00.00	33	0	72	33	0	61	0	61	0
3060+00.00	3061+00.00	25	0	61	25	0	52	0	52	0
3061+00.00	3062+43.84	9	0	27	9	0	23	0	23	0
3062+43.84	3063+00.00	0	0	0	0	0	0	0	0	0
3063+00.00	3064+00.00	0	0	0	0	0	0	0	0	0
3064+00.00	3065+00.00	0	0	0	0	0	0	0	0	0
3065+00.00	3066+00.00	0	0	0	0	0	0	0	0	0
3066+00.00	3067+00.32	0	0	0	0	0	0	0	0	0
3067+00.32	3068+00.32	0	0	0	0	0	0	0	0	0
3068+00.32	3069+00.32	0	0	0	0	0	0	0	0	0
3069+00.32	3069+49.97	0	0	0	0	0	0	0	0	0
3069+49.97	3070+00.32	0	0	0	0	0	0	0	0	0
3070+00.32	3071+00.32	0	0	0	0	0	0	0	0	0
3071+00.32	3072+00.32	0	0	0	0	0	0	0	0	0
3072+00.32	3073+00.00	0	0	0	0	0	0	0	0	0
3073+00.00	3074+00.00	0	0	0	0	0	0	0	0	0
3074+00.00	3075+00.32	0	0	0	0	0	0	0	0	0
3075+00.32	3075+15.00	0	0	0	0	0	0	0	0	0
3075+15.00	3076+50.00	0	0	0	0	0	0	0	0	0
3076+50.00	3077+00.00	0	0	0	0	0	0	0	0	0
3077+00.00	3077+66.27	0	0	0	0	0	0	0	0	0
3077+66.27	3079+00.00	0	0	0	0	0	0	0	0	0
3079+00.00	3080+00.00	0	0	0	0	0	0	0	0	0
3080+00.00	3081+00.00	0	0	0	0	0	0	0	0	0
3081+00.00	3082+00.00	0	0	0	0	0	0	0	0	0
3082+00.00	3083+00.00	0	0	0	0	0	0	0	0	0
3083+00.00	3084+00.00	0	0	0	0	0	0	0	0	0
3084+00.00	3085+00.00	0	0	0	0	0	0	0	0	0
3085+00.00	3086+00.00	0	0	0	0	0	0	0	0	0
3086+00.00	3086+70.14	0	0	0	0	0	0	0	0	0
3086+70.14	3087+04.04	0	0	0	0	0	0	0	0	0
3087+04.04	3087+50.00	0	0	0	0	0	0	0	0	0
3087+50.00	3088+00.00	0	0	0	0	0	0	0	0	0
3088+00.00	3088+50.00	0	0	0	0	0	0	0	0	0
3088+50.00	3088+90.52	0	0	0	0	0	0	0	0	0
3088+90.52	3090+00.00	0	0	0	0	0	0	0	0	0
3090+00.00	3090+50.00	0	0	0	0	0	0	0	0	0
3090+50.00	3091+00.00	0	0	0	0	0	0	0	0	0
3091+00.00	3092+00.00	0	0	0	0	0	0	0	0	0
3092+00.00	3092+74.81	0	0	0	0	0	0	0	0	0
3092+74.81	3092+95.00	0	0	0	0	0	0	0	0	0
3092+95.00	3093+83.60	0	0	0	0	0	0	0	0	0
3093+83.60	3095+00.00	0	0	0	0	0	0	0	0	0
3095+00.00	3096+00.00	0	0	0	0	0	0	0	0	0
3096+00.00	3097+00.00	0	0	0	0	0	0	0	0	0
3097+00.00	3098+00.00	0	0	0	0	0	0	0	0	0
3098+00.00	3099+00.00	0	0	0	0	0	0	0	0	0
3099+00.00	3100+00.00	0	0	0	0	0	0	0	0	0
3100+00.00	3100+35.00	0	0	0	0	0	0	0	0	0
3100+35.00	3101+00.00	0	0	0	0	0	0	0	0	0
3101+00.00	3102+00.00	0	0	0	0	0	0	0	0	0
3102+00.00	3103+00.00	0	0	0	0	0	0	0	0	0
3103+00.00	3104+00.00	0	0	0	0	0	0	0	0	0
3104+00.00	3105+00.00	0	0	0	0	0	0	0	0	0
3105+00.00	3106+00.00	0	0	0	0	0	0	0	0	0
3106+00.00	3107+00.00	0	0	0	0	0	0	0	0	0
3107+00.00	3107+54.27	0	0	0	0	0	0	0	0	0
3107+54.27	3108+00.00	0	0	0	0	0	0	0	0	0
3108+00.00	3109+08.13	0	0	0	0	0	0	0	0	0
3109+08.13	3110+00.00	0	0	0	0	0	0	0	0	0
3110+00.00	3111+00.00	0	0	0	0	0	0	0	0	0
	SUB-TOTAL	123	0	273	123	0	233	0	233	0
	TOTAL	4,498	1,612	10,371	2,896	0	8,816	2,069	6,747	0

*SHRINKAGE FACTOR 15%



USER NAME = mksrby	DESIGNED BAJ	REVISED -
PLOT SCALE = 2.00' / in.	DRAWN BAJ	REVISED -
PLOT DATE = 1/29/2018	CHECKED MAM	REVISED -
	DATE 01/19/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
SCHEDULE OF QUANTITIES
EARTHWORK - I-90 WESTBOUND

SCALE: N/A SHEET NO. 7 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-2	COOK	734	49
			CONTRACT NO. 60Y39	
ILLINOIS FED. AID PROJECT				

EW-S2-1

EARTHWORK SCHEDULE - I-90 WB - RAMP C - PRE-STAGE SUB-STAGE A									
BEGIN STATION	END STATION	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	STRUCTURE EXCAVATION	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE*	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
		(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
15+50.00	16+00.00	0	0	0	0	0	0	0	0
16+00.00	16+50.00	0	0	8	0	0	7	0	7
16+50.00	17+00.00	0	0	26	0	0	22	0	22
17+00.00	17+50.00	0	0	37	0	0	31	0	31
17+50.00	18+00.00	0	0	48	0	0	41	0	41
18+00.00	18+50.00	11	0	47	11	0	40	3	37
18+50.00	19+00.00	23	0	31	23	0	26	10	16
19+00.00	19+50.00	26	0	25	26	0	21	16	5
19+50.00	20+00.00	27	0	23	27	0	20	18	2
20+00.00	20+50.00	26	0	24	26	0	21	16	5
20+50.00	21+00.00	23	0	29	23	0	24	11	13
21+00.00	21+50.00	19	0	32	19	0	28	5	23
21+50.00	22+00.00	17	0	32	17	0	27	3	24
22+00.00	22+50.00	16	0	30	16	0	26	3	23
22+50.00	Project End	8	0	15	8	0	13	2	11
TOTALS		195	0	408	195	0	347	86	261

*SHRINKAGE FACTOR 15%

EARTHWORK SCHEDULE - I-90 WB - HARLEM AVE RAMP D - PRE-STAGE SUB-STAGE A										
BEGIN STATION	END STATION	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	STRUCTURE EXCAVATION	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE*	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	AGGREGATE SUBGRADE IMPROVEMENT
		(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
11+50.00	12+00.00	0	0	0	0	0	0	0	0	0
12+00.00	12+50.00	4	0	11	4	0	9	4	5	0
12+50.00	13+00.00	9	0	24	9	0	21	1	20	0
13+00.00	13+50.00	12	0	31	12	0	26	1	25	0
13+50.00	14+00.00	13	0	35	13	0	30	1	29	0
14+00.00	14+50.00	13	0	39	13	0	33	1	32	0
14+50.00	15+00.00	13	0	45	13	0	38	0	38	0
15+00.00	15+50.00	14	0	55	14	0	47	0	47	0
15+50.00	16+00.00	16	0	72	16	0	61	0	61	0
16+00.00	16+50.00	18	0	74	18	0	63	0	63	0
16+50.00	17+00.00	20	0	75	20	0	64	0	64	0
17+00.00	17+50.00	22	0	93	22	0	79	0	79	0
17+50.00	18+00.00	24	0	103	24	0	87	0	87	0
18+00.00	18+50.00	23	0	96	23	0	81	0	81	0
18+50.00	19+00.00	23	0	93	23	0	79	0	79	0
19+00.00	19+50.00	23	0	94	23	0	80	0	80	0
19+50.00	20+00.00	22	0	85	22	0	73	0	73	0
20+00.00	20+50.00	21	0	77	21	0	66	0	66	0
20+50.00	21+00.00	20	0	67	20	0	57	0	57	0
21+00.00	21+50.00	16	0	48	16	0	41	1	40	0
21+50.00	22+00.00	13	0	33	13	0	28	1	27	0
22+00.00	22+50.00	12	0	30	12	0	26	0	26	0
22+50.00	Project End	13	0	31	13	0	26	0	26	0
TOTALS		364	0	1,312	364	0	1,115	9	1,106	0

*SHRINKAGE FACTOR 15%

EARTHWORK SCHEDULE - I-90 WB - RAMP DD - PRE-STAGE SUB-STAGE A										
BEGIN STATION	END STATION	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	STRUCTURE EXCAVATION	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE*	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	AGGREGATE SUBGRADE IMPROVEMENT
		(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
13+00.00	13+50.00	0	0	0	0	0	0	0	0	0
13+50.00	14+00.00	13	0	17	13	0	14	5	9	0
14+00.00	14+50.00	22	0	26	22	0	22	10	12	0
14+50.00	15+00.00	23	0	20	23	0	17	15	2	0
15+00.00	15+50.00	25	0	20	25	0	17	23	-6	0
15+50.00	16+00.00	27	0	15	27	0	13	37	-24	0
16+00.00	16+50.00	27	0	15	27	0	13	33	-20	0
16+50.00	17+00.00	25	0	23	25	0	19	14	5	0
17+00.00	17+50.00	23	0	41	23	0	35	2	33	0
17+50.00	18+00.00	22	0	46	22	0	39	3	36	0
18+00.00	18+50.00	18	0	28	18	0	24	12	12	0
18+50.00	19+00.00	15	0	13	15	0	11	53	-42	0
19+00.00	19+50.00	18	0	7	18	0	6	141	-135	0
19+50.00	20+00.00	30	0	10	30	0	8	194	-186	0
20+00.00	20+50.00	41	0	11	41	0	10	199	-189	0
20+50.00	20+86.45	24	0	9	24	0	7	103	-96	0
20+86.45	Project End	3	0	3	3	0	2	1	1	0
TOTALS		357	0	303	357	0	257	843	-586	0

*SHRINKAGE FACTOR 15%



USER NAME = mksrby	DESIGNED BAJ	REVISED -
PLOT SCALE = 2.00" = 100'	DRAWN BAJ	REVISED -
PLOT DATE = 1/29/2018	CHECKED MAM	REVISED -
	DATE 01/19/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
SCHEDULE OF QUANTITIES
EARTHWORK - I-90 WESTBOUND RAMPS C, DD AND HARLEM D
SCALE: N/A SHEET NO. 8 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-2	COOK	734	50
			CONTRACT NO. 60Y39	
ILLINOIS FED. AID PROJECT				

EW-S2-B

EARTHWORK SCHEDULE - I-90 WB - I-190 - PRE-STAGE SUB-STAGE A										
BEGIN STATION	END STATION	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	STRUCTURE EXCAVATION	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE*	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	AGGREGATE SUBGRADE IMPROVEMENT
		(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
18+50.00	19+00.00	0	0	0	0	0	0	0	0	0
19+00.00	19+50.00	4	0	12	4	0	10	43	-33	0
19+50.00	20+00.00	10	0	30	10	0	25	0	25	0
20+00.00	20+50.00	15	0	43	15	0	36	0	36	0
20+50.00	21+00.00	20	0	56	20	0	47	0	47	0
21+00.00	21+50.00	26	0	68	26	0	58	0	58	0
21+50.00	22+00.00	33	0	81	33	0	69	0	69	0
22+00.00	22+50.00	29	0	63	29	0	54	2	52	0
22+50.00	23+00.00	21	0	36	21	0	30	4	26	0
23+00.00	23+50.00	20	0	36	20	0	31	3	28	0
23+50.00	24+00.00	20	0	39	20	0	33	2	31	0
24+00.00	24+50.00	21	0	40	21	0	34	3	31	0
24+50.00	25+00.00	22	0	43	22	0	37	1	36	0
25+00.00	25+50.00	23	0	45	23	0	39	0	39	0
25+50.00	26+00.00	25	0	44	25	0	38	4	35	0
26+00.00	26+50.00	29	0	43	29	0	37	10	27	0
26+50.00	27+00.00	33	0	42	33	0	35	15	20	0
27+00.00	27+50.00	32	0	49	32	0	42	12	30	0
27+50.00	28+00.00	31	0	54	31	0	46	8	38	0
28+00.00	28+50.00	31	0	55	31	0	46	8	38	0
28+50.00	29+00.00	30	0	54	30	0	46	7	39	0
29+00.00	29+50.00	29	0	51	29	0	43	7	36	0
29+50.00	30+00.00	29	0	45	29	0	38	14	24	0
30+00.00	30+50.00	30	0	41	30	0	35	21	14	0
30+50.00	31+00.00	29	0	40	29	0	34	20	14	0
31+00.00	31+50.00	23	0	35	23	0	30	13	17	0
31+50.00	32+00.00	22	0	31	22	0	26	15	11	0
32+00.00	32+50.00	22	0	27	22	0	23	17	6	0
32+50.00	Project End	9	0	13	9	0	11	4	7	0
TOTALS		668	0	1,217	668	0	1,033	231	802	0

*SHRINKAGE FACTOR 15%

EARTHWORK SCHEDULE - I-90 WB - RAMP CC - PRE-STAGE SUB-STAGE A										
BEGIN STATION	END STATION	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	STRUCTURE EXCAVATION	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE*	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	AGGREGATE SUBGRADE IMPROVEMENT
		(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
2+00.00	2+50.00	0	0	0	0	0	0	0	0	0
2+50.00	2+71.00	8	0	31	8	0	26	3	23	0
2+71.00	3+00.00	11	0	20	11	0	17	7	10	0
3+00.00	3+50.00	22	0	16	22	0	14	44	-30	0
3+50.00	4+00.00	41	0	21	41	0	18	114	-96	0
4+00.00	4+50.00	42	0	18	42	0	16	112	-96	0
4+50.00	5+00.00	43	0	19	43	0	16	103	-87	0
5+00.00	5+50.00	41	0	19	41	0	16	64	-48	0
5+50.00	6+00.00	40	0	33	40	0	28	25	3	0
6+00.00	6+50.00	43	0	72	43	0	61	8	53	0
6+50.00	7+00.00	48	0	115	48	0	98	2	96	0
7+00.00	7+50.00	49	0	130	49	0	110	1	109	0
7+50.00	8+00.00	49	0	123	49	0	105	2	103	0
8+00.00	8+50.00	49	0	119	49	0	101	3	98	0
8+50.00	9+00.00	47	0	92	47	0	79	6	73	0
9+00.00	9+50.00	44	0	61	44	0	52	10	42	0
9+50.00	10+00.00	42	0	50	42	0	42	13	29	0
10+00.00	10+50.00	39	0	42	39	0	36	17	19	0
10+50.00	11+00.00	39	0	43	39	0	37	18	19	0
11+00.00	11+50.00	31	0	52	31	0	44	16	28	0
11+50.00	Project End	11	0	28	11	0	24	9	15	0
TOTALS		738	0	1,105	738	0	940	577	363	0

*SHRINKAGE FACTOR 15%



USER NAME = mksrby	DESIGNED BAJ	REVISED -
	DRAWN BAJ	REVISED -
PLOT SCALE = 2.00' / in.	CHECKED MAM	REVISED -
PLOT DATE = 1/29/2018	DATE 01/19/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
SCHEDULE OF QUANTITIES
EARTHWORK - I-90 WESTBOUND - I-190 AND RAMP CC

SCALE: N/A SHEET NO. 8 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-2	COOK	734	51
			CONTRACT NO. 60Y39	
ILLINOIS FED. AID PROJECT				

EW-S2-B

EARTHWORK SCHEDULE - I-90 WB - RAMP DD										
BEGIN STATION	END STATION	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	STRUCTURE EXCAVATION	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE*	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	AGGREGATE SUBGRADE IMPROVEMENT
		(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
1003+95.42	1004+50.00	0	0	0	0	0	0	0	0	0
1004+50.00	1005+00.00	105	46	129	59	0	109	16	93	0
1005+00.00	1005+50.00	85	59	277	26	0	235	3	232	0
1005+50.00	1006+00.00	75	58	338	17	0	287	4	283	0
1006+00.00	1006+30.82	65	55	328	10	0	279	4	275	0
1006+30.82	Project End	45	39	186	5	0	158	14	144	0
TOTALS		374	258	1,257	117	0	1,068	40	1,028	0

*SHRINKAGE FACTOR 15%

EARTHWORK SCHEDULE - I-90 WB - RAMP C										
BEGIN STATION	END STATION	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	STRUCTURE EXCAVATION	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE*	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	AGGREGATE SUBGRADE IMPROVEMENT
		(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
705+67.27	706+24.32	0	0	0	0	0	0	0	0	0
706+24.32	706+50.00	37	8	39	28	0	33	16	17	0
706+50.00	707+15.02	11	6	35	5	0	30	7	23	0
707+15.02	707+49.63	52	26	106	26	0	90	18	72	0
707+49.63	Project End	59	25	51	34	0	43	21	22	0
TOTALS		158	66	231	93	0	196	62	134	0

*SHRINKAGE FACTOR 15%

EARTHWORK SCHEDULE - I-90 WB - RAMP D - PRE-STAGE SUB-STAGE A										
BEGIN STATION	END STATION	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	STRUCTURE EXCAVATION	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE*	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	AGGREGATE SUBGRADE IMPROVEMENT
		(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
900+00.00	900+50.00	0	0	0	0	0	1	0	1	0
900+50.00	901+00.00	8	0	19	8	0	16	0	16	0
901+00.00	901+50.00	18	0	37	18	0	31	3	28	0
901+50.00	902+00.00	25	0	33	25	0	28	15	13	0
902+00.00	902+50.00	37	0	28	37	0	24	52	-28	0
902+50.00	903+00.00	44	0	27	44	0	23	88	-65	0
903+00.00	903+50.00	46	0	26	46	0	22	121	-99	0
903+50.00	904+00.00	50	0	25	50	0	21	148	-127	0
904+00.00	904+50.00	47	0	27	47	0	23	131	-108	0
904+50.00	905+00.00	38	0	28	38	0	24	71	-47	0
905+00.00	905+50.00	24	0	26	24	0	22	18	4	0
905+50.00	906+00.00	16	0	24	16	0	20	7	13	0
906+00.00	906+50.00	16	0	24	16	0	20	6	14	0
906+50.00	907+00.00	16	0	24	16	0	21	5	16	0
907+00.00	Project End	8	0	13	8	0	11	2	9	0
TOTALS		391	0	359	391	0	307	668	-361	0

*SHRINKAGE FACTOR 15%

EARTHWORK SCHEDULE - I-90 WB - RAMP D										
BEGIN STATION	END STATION	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	STRUCTURE EXCAVATION	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE*	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	AGGREGATE SUBGRADE IMPROVEMENT
		(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
900+50.00	901+00.00	0	0	0	0	0	0	0	0	0
901+00.00	901+50.00	8	0	49	8	0	42	16	26	0
901+50.00	902+00.00	8	18	190	0	0	161	9	152	0
902+00.00	902+50.00	11	36	320	0	0	272	8	264	0
902+50.00	903+00.00	16	40	286	0	0	243	13	230	0
903+00.00	903+50.00	14	43	274	0	0	232	12	220	0
903+50.00	904+00.00	10	40	262	0	0	223	7	216	0
904+00.00	904+50.00	10	41	245	0	0	208	5	203	0
904+50.00	905+00.00	12	40	233	0	0	198	3	195	0
905+00.00	905+50.00	83	63	243	20	0	206	25	181	0
905+50.00	906+00.00	101	66	183	35	0	155	30	125	0
906+00.00	906+50.00	54	32	81	22	0	69	11	58	0
906+50.00	907+00.00	94	41	75	53	0	64	15	49	0
907+00.00	907+50.00	138	60	110	79	0	94	17	77	0
907+50.00	907+94.97	142	60	159	82	0	135	12	123	0
907+94.97	908+50.00	127	53	190	74	0	161	9	152	0
908+50.00	908+73.29	166	70	285	96	0	242	18	224	0
908+73.29	909+62.72	63	27	128	36	0	109	7	102	0
909+62.72	To End	181	64	305	117	0	260	62	198	0
TOTALS		1,238	795	3,616	622	0	3,074	278	2,796	0

*SHRINKAGE FACTOR 15%



USER NAME = mksrby	DESIGNED BAJ	REVISED -
	DRAWN BAJ	REVISED -
PLOT SCALE = 2.00" = 100'	CHECKED MAM	REVISED -
PLOT DATE = 1/29/2018	DATE 01/19/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
SCHEDULE OF QUANTITIES
EARTHWORK - FRONTAGE ROADS, RAMP C AND RAMP D

SCALE: N/A SHEET NO. 9 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-2	COOK	734	52
CONTRACT NO. 60Y39				
ILLINOIS FED. AID PROJECT				

EW-03

EARTHWORK SCHEDULE - I-90 WB - RAMP CC										
BEGIN STATION	END STATION	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	STRUCTURE EXCAVATION	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE*	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	AGGREGATE SUBGRADE IMPROVEMENT
		(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
800+62.16	801+00.00	0	0	0	0	0	0	0	0	0
801+00.00	801+50.00	10	34	124	0	0	105	6	99	0
801+50.00	802+00.00	15	44	147	0	0	125	14	111	0
802+00.00	802+50.00	31	44	124	0	0	105	24	81	0
802+50.00	803+00.00	39	45	105	0	0	89	22	67	0
803+00.00	803+50.00	36	49	115	0	0	98	15	83	0
803+50.00	804+00.00	36	54	132	0	0	112	15	97	0
804+00.00	804+50.00	36	57	144	0	0	123	16	107	0
804+50.00	805+00.00	46	65	178	0	0	151	17	134	0
805+00.00	805+50.00	95	90	212	5	0	180	28	152	0
805+50.00	806+00.00	141	111	267	30	0	227	19	208	0
806+00.00	806+25.60	163	101	316	62	0	269	3	266	0
806+25.60	806+73.33	84	41	133	44	0	113	1	112	0
806+73.33	807+06.72	134	51	118	83	0	100	2	98	0
807+06.72	Project End	77	23	24	54	0	20	9	11	0
TOTALS		942	809	2,138	277	0	1,817	190	1,627	0

*SHRINKAGE FACTOR 15%

EARTHWORK SCHEDULE - I-90 WESTBOUND / RAMPS	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	FURNISHED EXCAVATION	AGGREGATE SUBGRADE IMPROVEMENT
	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
I-90 WESTBOUND I-190 PRE-STAGE SUB-STAGE A CONSTRUCTION	668	-	1,217	668	-	-
I-90 WESTBOUND RAMP C PRE-STAGE SUB-STAGE A CONSTRUCTION	195	-	408	195	-	-
I-90 WESTBOUND RAMP CC PRE-STAGE SUB-STAGE A CONSTRUCTION	738	-	1,105	738	-	-
I-90 WESTBOUND HARLEM "D" PRE-STAGE SUB-STAGE A CONSTRUCTION	364	-	1,312	364	-	-
I-90 WESTBOUND RAMP D PRE-STAGE SUB-STAGE A CONSTRUCTION	391	-	359	391	361	-
I-90 WESTBOUND RAMP DD PRE-STAGE SUB-STAGE B CONSTRUCTION	357	-	303	357	586	-
I-90 WESTBOUND MAINLINE SUB-STAGE B CONSTRUCTION	-	-	4,309	-	-	-
I-90 WESTBOUND STAGE 1 CONSTRUCTION	17,598	3,706	15,303	13,960	8,060	-
I-90 WESTBOUND STAGE 2 CONSTRUCTION	4,498	1,612	10,371	2,896	-	-
Cumberland WESTBOUND Entrance Ramp D - PHASE II CONSTRUCTION	1,238	795	3,616	622	-	-
Cumberland WESTBOUND Loop Ramp DD - PHASE II CONSTRUCTION	374	258	1,257	117	-	-
Cumberland WESTBOUND Loop Ramp CC - PHASE II CONSTRUCTION	942	809	2,138	277	-	-
Cumberland WESTBOUND Exit Ramp C - PHASE II CONSTRUCTION	158	66	231	185	-	-
Totals	27,536	7,245	41,929	20,769	9,007	-

EW-03



USER NAME = mksrby	DESIGNED BAJ	REVISED -
	DRAWN BAJ	REVISED -
PLOT SCALE = 2.00" = 1'-0"	CHECKED MAM	REVISED -
PLOT DATE = 1/29/2018	DATE 01/19/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
SCHEDULE OF QUANTITIES
EARTHWORK - FRONTAGE ROADS, RAMPS C AND D, SCHEDULE

SCALE: N/A SHEET NO. 10 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-2	COOK	734	53
			CONTRACT NO. 60Y39	
ILLINOIS FED. AID PROJECT				

TREE SCHEDULE OF QUANTITIES

			20100110	20100210
			TREE REMOVAL (6 TO 15 UNITS DIAMETER) UNIT	TREE REMOVAL (OVER 15 UNITS DIAMETER) UNIT
REM-01	3002+91.00	190', LT	8	
REM-01	3002+95.00	191', LT	8	
REM-01	3002+96.00	193', LT	8	
REM-01	3002+96.00	192', LT	8	
REM-01	3002+99.00	191', LT	6	
REM-01	3004+80.00	157', LT	6	
REM-01	3004+86.00	159', LT	6	
REM-01	3004+93.00	160', LT	6	
REM-01	3004+94.00	159', LT	6	
REM-01	3004+99.00	155', LT	8	
REM-01	3005+00.00	157', LT	8	
REM-01	3005+05.00	155', LT	8	
REM-01	3005+33.00	154', LT	14	
REM-01	3005+49.00	148', LT	6	
REM-01	3005+61.00	147', LT	12	
REM-01	3005+80.00	149', LT	12	
REM-01	3006+49.00	144', LT	12	
REM-01	3006+79.00	142', LT	8	
REM-01	3008+42.00	139', LT	6	
REM-01	3017+69.00	125', LT	10	
REM-01	3017+85.00	131', LT	10	
REM-02	3018+01.00	137', LT	10	
REM-02	3018+12.00	128', LT	8	
REM-02	3018+15.00	132', LT	8	
REM-02	3018+32.00	139', LT	10	
REM-02	3018+43.00	145', LT	10	
REM-02	3018+55.00	136', LT	8	
REM-02	3018+61.00	122', LT	6	
REM-02	3018+60.00	150', LT	10	
REM-02	3018+83.00	162', LT	6	
REM-02	3018+86.00	162', LT	6	
REM-02	3019+07.00	162', LT	6	
REM-02	3019+07.00	163', LT	6	
REM-02	3019+09.00	161', LT	6	
REM-02	3019+21.00	158', LT	6	
REM-02	3020+44.00	125', LT	12	
REM-02	3022+57.00	160', LT	12	
REM-02	3023+09.00	166', LT	12	
REM-02	3023+45.00	165', LT	8	
REM-02	3024+13.00	169', LT	12	
REM-02	3024+31.00	150', LT	8	
REM-02	3024+48.00	165', LT	10	
REM-02	3024+67.00	157', LT	15	
REM-02	3024+92.00	157', LT	8	
REM-02	3024+93.00	157', LT	8	
REM-02	3024+93.00	157', LT	8	
REM-02	3025+33.00	177', LT	12	
REM-02	3025+41.00	153', LT	8	
REM-02	3025+46.00	153', LT	12	
REM-02	3025+62.00	176', LT	10	
REM-02	3025+75.00	165', LT	15	
REM-02	3026+02.00	178', LT	12	
REM-02	3026+39.00	168', LT	8	
REM-02	3026+46.00	159', LT	12	
REM-02	3027+00.00	171', LT	12	
REM-02	3027+90.00	169', LT	12	
REM-02	3028+18.00	169', LT	12	
REM-02	3028+33.00	156', LT	12	
REM-02	3028+34.00	177', LT	8	
REM-02	3028+52.00	167', LT	14	
REM-02	3029+01.00	167', LT	10	
REM-02	3032+99.00	117', LT	12	
REM-02	3033+82.00	149', LT	12	
REM-02	1003+01.00	80', RT	6	
REM-02	1003+02.00	79', RT	8	
REM-02	1003+05.00	78', RT	8	
REM-02	1004+01.00	43', RT	8	
REM-03	3045+60.00	136', LT	8	
REM-03	3045+63.00	163', LT	15	
REM-03	3046+21.00	159', LT	8	
REM-03	3046+49.00	145', LT	8	
REM-03	3049+48.00	162', LT	12	
REM-03	3051+42.00	126', LT	6	
REM-03	3051+96.00	133', LT	12	

TREE SCHEDULE OF QUANTITIES (CONT'D)

			20100110	20100210
			TREE REMOVAL (6 TO 15 UNITS DIAMETER) UNIT	TREE REMOVAL (OVER 15 UNITS DIAMETER) UNIT
REM-03	3052+17.00	125', LT	10	
REM-03	3053+01.00	137', LT	12	
REM-03	3053+03.00	123', LT	10	
REM-03	3053+30.00	131', LT	12	
REM-03	3053+59.00	128', LT	10	
REM-03	3053+76.00	113', LT	12	
REM-03	3054+09.00	120', LT	8	
REM-03	3054+50.00	131', LT	6	
REM-03	3054+78.00	146', LT	10	
REM-03	3055+19.00	112', LT	12	
REM-03	3055+32.00	130', LT	12	
REM-03	3055+53.00	118', LT	8	
REM-03	3055+70.00	132', LT	12	
REM-03	3055+80.00	111', LT	8	
REM-03	3056+04.00	133', LT	12	
REM-03	3056+46.00	129', LT	10	
REM-03	3056+97.00	110', LT	8	
REM-03	3057+07.00	118', LT	8	
REM-03	3057+33.00	109', LT	8	
REM-03	3057+31.00	144', LT	10	
REM-03	3057+52.00	122', LT	6	
REM-03	3057+62.00	134', LT	6	
REM-03	3058+04.00	113', LT	8	
REM-03	3058+15.00	106', LT	8	
REM-03	3058+15.00	120', LT	8	
REM-03	3058+26.00	112', LT	6	
REM-03	3058+38.00	127', LT	6	
REM-03	3058+60.00	115', LT	8	
REM-03	3058+70.00	108', LT	10	
REM-03	3058+76.00	102', LT	6	
REM-03	3059+44.00	110', LT	6	
REM-03	3059+62.00	114', LT	6	
REM-03	3060+13.00	114', LT	10	
REM-03	3060+21.00	110', LT	10	
REM-03	3060+32.00	106', LT	6	
REM-03	3060+86.00	104', LT	12	
REM-03	3064+36.00	107', LT	6	
REM-03	3064+39.00	107', LT	6	
REM-03	3064+65.00	106', LT	8	
REM-03	3064+67.00	106', LT	6	
REM-03	3065+85.00	107', LT	6	
REM-03	3066+15.00	103', LT	6	
REM-03	3068+24.00	116', LT	6	
REM-03	3068+29.00	105', LT	6	
REM-03	3068+59.00	121', LT	6	
REM-03	3068+70.00	115', LT	6	
REM-04	3078+15.00	94', LT	6	
REM-04	3078+21.00	88', LT	6	
REM-04	3078+29.00	95', LT	6	
REM-05	3096+91.00	130', LT	8	
REM-05	3097+12.00	129', LT	8	
REM-05	3097+23.00	127', LT	8	
REM-05	3097+33.00	129', LT	8	
REM-05	3109+97.00	108', LT	10	
REM-01	3002+35.00	203', LT		18
REM-01	3002+78.00	194', LT		18
REM-01	3003+87.00	176', LT		18
REM-02	3020+74.00	147', LT		16
REM-02	3021+67.00	158', LT		16
REM-02	3022+12.00	158', LT		16
REM-02	3022+85.00	149', LT		16
REM-02	3023+80.00	152', LT		24
REM-02	3025+18.00	145', LT		16
REM-02	3025+74.00	165', LT		16
REM-02	3026+15.00	169', LT		18
REM-02	3026+64.00	173', LT		16
REM-02	3027+15.00	160', LT		16
REM-02	3027+31.00	169', LT		16
REM-02	3027+53.00	170', LT		16
REM-02	3027+72.00	155', LT		16
REM-02	3028+75.00	159', LT		18
REM-02	3033+35.00	119', LT		16
REM-02	3037+98.00	144', LT		24

TREE SCHEDULE OF QUANTITIES (CONT'D)

			20100110	20100210
			TREE REMOVAL (6 TO 15 UNITS DIAMETER) UNIT	TREE REMOVAL (OVER 15 UNITS DIAMETER) UNIT
REM-02	3042+02.00	130', LT		24
REM-03	1001+56.00	74', RT		18
REM-04	1001+84.00	93', RT		16
REM-03	3051+70.00	132', LT		18
REM-03	3052+54.00	121', LT		24
REM-03	3052+78.00	119', LT		18
REM-03	3054+27.00	124', LT		18
REM-03	3054+81.00	111', LT		16
REM-03	3056+63.00	104', LT		18
REM-03	3056+79.00	122', LT		18
REM-03	3060+03.00	109', LT		18
TOTALS			1129	536

X7040125 - PINNING TEMPORARY CONCRETE BARRIER

STAGE	LOCATION	FROM STA.	TO STA.	LENGTH	PINS
PRE-STAGE	SUBSTAGE A				
	WB I-90	3105+53	3112+87	734.00	177
	WB I-90	3038+63	3041+55	292.00	72
STAGE 1					
	WB I-190	0029+02	0030+40	138.00	36
	WB I-90	3017+33	3025+07	774.00	186
	CUMB DD	0010+00	0020+00	1000	240
	HARLEM AVE	3108+13	3118+08	995	240
	I-90	3108+11	3114+00	589	144
STAGE 1	SUBSTAGE A				
	CUMB D	0013+86	0015+69	183	45
STAGE 1	SUBSTAGE B				
	WB I-90	3032+70	3035+61	291	72
	CUMB D	0900+42	0910+38	996	240
STAGE 1	SUBSTAGE C				
	CUMB D	0900+44	0910+44	1000	240
	EB 90	3103+00	3106+22	322	78
STAGE 2					
	WB I-190	1017+58	1019+01	143	36
	WB I-90	3010+63	3013+58	295	72
STAGE 2	SUBSTAGE A				
	WB I-90	3010+00	3028+21	1821	438
	TOTAL				2316



USER NAME = mksrby
 DRAWN = MMK
 CHECKED = MAM
 DATE = 01/19/2018

DESIGNED = MMK
 DRAWN = MMK
 CHECKED = MAM
 DATE = 01/19/2018

REVISED = -
 REVISED = -
 REVISED = -
 REVISED = -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
 SCHEDULE OF QUANTITIES
 TREE REMOVALS & PINNING TEMPORARY CONCRETE BARRIER**
 SCALE: N/A SHEET NO. 11 OF 15 SHEETS STA. TO STA.

SCH-01
 F.A.I. SECTION COUNTY TOTAL SHEETS SHEET NO.
 90 (1517 & 1415) R-2 COOK 734 54
 CONTRACT NO. 60Y39
 ILLINOIS FED. AID PROJECT

REMOVAL SCHEDULE OF QUANTITIES

		44000100	44000157	44000165	44000166	44000500	44001980	44004250	63200310	Z0022800
		PAVEMENT REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	HOT-MIX ASPHALT SURFACE REMOVAL, 4"	HOT-MIX ASPHALT SURFACE REMOVAL, 4 1/4"	COMBINATION CURB AND GUTTER REMOVAL	CONCRETE BARRIER REMOVAL	PAVED SHOULDER REMOVAL	GUARDRAIL REMOVAL	FENCE REMOVAL
		SQ YD	SQ YD	SQ YD	SQ YD	FOOT	FOOT	SQ YD	FOOT	FOOT
I-90 & WB-CD	REM-01	2425		7215	373			3762	740	169
	REM-02	4818		10686	715	457	435	4279		205
	REM-03	936		9743	555	1762		4232	197	
	REM-04	386		10353	578	1343	99	4862	301	
	REM-05	965		7066	510	1275		2984		
	REM-06						95			
I-190	REM-01	3486						3035		
CUMBER. RAMP D	REM-02	694				346		304	327	
CUMBER. RAMP DD	REM-06	1287				659		678	123	
CUMBER. RAMP CC	REM-02	827				279		290		
CUMBER. RAMP C	REM-06	944				395		267		
CANFIELD	REM-02	745				596				
HARLEM	REM-06	1819				1106				
STAGING	REM-03	990				311		493	239	
SEE STR. BOM	REM-04	1872				1382		24		
	REM-05	852		270		1111				
TOTALS		40190	13056	45334	2731	11116	669	25209	2767	773

LANDSCAPE SCHEDULE OF QUANTITIES

		25000210	25000400	25000600	25100115	25100630	X2501800	X2501820	X2502024	X2503000	X2511630
		SEEDING, CLASS 2A	NITROGEN FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH, METHOD 2	EROSION CONTROL BLANKET	SEEDING, CLASS 4 (MODIFIED)	SEEDING, CLASS 5 (MODIFIED)	SEEDING, CLASS 4B (MODIFIED)	MAINTENANCE MOWING	EROSION CONTROL BLANKET (SPECIAL)
		ACRE	POUND	POUND	ACRE	SQ YD	ACRE	ACRE	ACRE	ACRE	SQ YD
I-90 & WB CD	LS-01	0.54	234.0	234.0	2.60	2614	2.06			7.5	9970
	LS-02	0.39	91.8	91.8	1.02	1888	0.63			4.5	3049
	LS-03	0.52	46.8	46.8	0.52	2517				5.2	
	LS-04	0.43	38.7	38.7	0.43	2081				4.3	
	LS-05	0.41	36.9	36.9	0.41	1984				4.1	
	LS-06		0.0	0.0	0.00	0					
I-190	LS-01	0.76	81.9	81.9	0.91	3678	0.15			7.8	726
RAMP DD	LS-02	0.16	116.1	116.1	1.29	774	0.00	1.13	1.13	2.7	5469
RAMP D	LS-06	0.12	98.1	98.1	1.09	581	0.00	0.97	0.97	2.2	4695
RAMP CC	LS-02	0.27	66.6	66.6	0.74	1307	0.47			3.2	2275
RAMP C	LS-06	0.22	49.5	49.5	0.55	1065	0.12	0.21	0.21	2.5	1597
	LS-02	0.15	24.3	24.3	0.27	726	0.09	0.03	0.03	1.6	581
	LS-06	0.17	23.4	23.4	0.26	823	0.09			1.8	436
	LS-03	0.14	31.5	31.5	0.35	678	0.21			1.6	1016
	LS-06		0.0	0.0	0.00	0					
TOTALS		4.25	940	940	10.50	20,715	3.75	2.25	2.25	49	29,814



USER NAME = mksrby	DESIGNED MMK	REVISED -
	DRAWN MMK	REVISED -
PLOT SCALE = 2.00' / in.	CHECKED MAM	REVISED -
PLOT DATE = 1/29/2018	DATE 01/19/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
SCHEDULE OF QUANTITIES
REMOVALS AND LANDSCAPING

SCALE: N/A SHEET NO. 12 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-2	COOK	734	55
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y39	

SCH-02

EROSION CONTROL SCHEDULE OF QUANTITIES

		20101000 TEMPORARY FENCE	20101100 TREE TRUNK PROTECTION	28000250 TEMPORARY EROSION CONTROL SEEDING	28000305 TEMPORARY DITCH CHECKS	28000400 PERIMETER EROSION BARRIER	28000510 INLET FILTERS
		FOOT	EACH	POUND	FOOT	FOOT	EACH
I-90	ESC-02	1112		260	280	315	9
	ESC-03	2321	5	102	140	213	15
	ESC-04	2559		52	80	77	22
	ESC-05	80		43			36
	ESC-06	783	1	41			30
	ESC-07	818				144	
WB CD	ESC-02						3
	ESC-03						16
	ESC-04						5
I-190	ESC-02		91				
RAMP DD	ESC-03			128			2
	ESC-07			109			1
RAMP D	ESC-03			74			2
	ESC-07			55			2
RAMP CC	ESC-03		5	27			
	ESC-07			26			2
RAMP C	ESC-04		1	35			
	ESC-07						1
TOTALS		7,673	12	1,043	500	749	146

GUARDRAIL SCHEDULE OF QUANTITIES

		63000001 STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	63000007 STEEL PLATE BEAM GUARDRAIL, TYPE B, 6 FOOT POSTS	63100045 TRAFFIC BARRIER TERMINAL, TYPE 2	63100089 TRAFFIC BARRIER TERMINAL, TYPE 6B	63100105 TRAFFIC BARRIER TERMINAL, TYPE 10	63100167 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	72501000 TERMINAL MARKER - DIRECT APPLIED	78200005 GUARDRAIL REFLECTORS, TYPE A	J1630002 GALVANIZED STEEL PLATE BEAM GUARDRAIL, TYPE A 6 FOOT POSTS	J1631110 TRAFFIC BARRIER TERMINAL, TYPE T1 (SPECIAL) TANGENT	J1631135 TRAFFIC BARRIER TERMINAL, TYPE T6B	J1725000 TERMINAL MARKER - DIRECT APPLIED
		FOOT	FOOT	EACH	EACH	EACH	EACH	EACH	EACH	FOOT	EACH	EACH	EACH
I-90 & WB-CD	PP-01	825					1	1	4	38	1	1	1
	PP-02	50		1			2	2	4				
	PP-03								4				
	PP-04								4				
	PP-05	338			1	1	1	1					
	PP-06	75			1								
I-190	PP-01			1									
CUMBER. RAMP D	PP-02	387.5		2	2		1	1	12				
	PP-06	50					1	1	2				
CUMBER. RAMP DD	PP-02												
	PP-06												
CUMBER. RAMP CC	PP-02												
	PP-06												
CUMBER. RAMP C	PP-03	100		1			1	1	4				
CANFIELD RAMP	PP-04												
HARLEM	PP-03		363	1	1				8				
STAGING	PP-03	841					2	2					
TOTALS		2666	363	7	4	1	9	9	42	38	1	1	1



USER NAME = mksrby	DESIGNED MMK	REVISED -
	DRAWN MMK	REVISED -
PLOT SCALE = 2.00' / in.	CHECKED MAM	REVISED -
PLOT DATE = 1/29/2018	DATE 01/19/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
SCHEDULE OF QUANTITIES EROSION
AND SEDIMENT CONTROL, GUARDRAILS, AND CONCRETE BARRIER

SCALE: N/A SHEET NO. 13 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-2	COOK	734	56
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y39	

SCH-03

ROADWAY SCHEDULE OF QUANTITIES

		30300112	35501319	35501323	35600724	40600290	40600982	40603085	40603340	40701886	42001300	44300200	48101600	48203038	48203048	48203052
		AGGREGATE SUBGRADE IMPROVEMENT, 12"	HOT-MIX ASPHALT BASE COURSE, 8 3/4 "	HOT-MIX ASPHALT BASE COURSE, 9 3/4 "	HOT-MIX ASPHALT BASE COURSE WIDENING, 12"	BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT SURFACE REMOVAL -BUTT JOINT	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	HOT-MIX ASPHALT PAVEMENT (FULL DEPTH) 10 1/4"	PROTECTIVE COAT	STRIP REFLECTIVE CRACK CONTROL TREATMENT	AGGREGATE SHOULDERS, TYPE B 8"	HOT-MIX ASPHALT SHOULDERS, 10 1/4"	HOT-MIX ASPHALT SHOULDERS, 12 3/4"	HOT-MIX ASPHALT SHOULDERS, 13 3/4"
		SO YD	SO YD	SO YD	SO YD	POUND	SO YD	TON	TON		SO YD	FOOT	SO YD	SO YD	SO YD	SO YD
I-90 WB-CD	PP-01	10973	7174.2		1167	10045	85	47	173		763	5837	587		938	1053
	PP-02	23546	11767.7	122	2672	20912		90	379		2664	8935	592		3050	3838
	PP-03	16225	5226.7	2340	2297	20747		73	322		1389	8583	441		2665	3481
	PP-04	8723		4072	1849	18010		73	272		105	8613				2772
	PP-05	4606		1996	1220	11053	80	68	197		118	5351				1308
I-190	PP-01	6264	4019.6			29406	54	89	78			3013	334		1114	
CUMBER. RAMP D	PP-02	2112				1324				985			235	497		
CUMBER. RAMP DD	PP-06	2227					47			1296			358	692		
CUMBER. RAMP CC	PP-02	798				752				440			185	256		
CUMBER. RAMP C	PP-06	1294					39			829	75		241	303		
CANFIELD RAMP	PP-02	647								384	126		64	220		
HARLEM STAGING	PP-06	2043					48			1551	137		171	379		
	PP-03	1098				665	27			634			123	344		
	PP-04	2063				2098			170	0						
	PP-03	1642				1322	34				303					
		17145							1462				1813			
	TOTALS	101405	28189	8530	9205	116336	414	441	3054	6120	5681	40332	5144	2691	7767	12453

		60602500	60603800	60605000	60608582	60618320	64200116	X4060002	X4060006	X6063000
		CONCRETE GUTTER, TYPE A	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24	CONCRETE MEDIAN SURFACE, 6 INCH	SHOULDER RUMBLE STRIPS, 16 INCH	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, SMA, N80	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, N80 (IL-12.5)	CONCRETE GUTTER, TYPE B (SPECIAL)
		FOOT	FOOT	FOOT	FOOT	SO FT	FOOT	TON	TON	FOOT
I-90 WB-CD	PP-01						2871	809	809	
	PP-02						9348	1216	1216	91
	PP-03	892					6965	1355	1355	303
	PP-04					1065	4640	1607	1607	1777
	PP-05					2001	3667	1027	1027	782
I-190	PP-01						4286	3150	3150	
CUMBER. RAMP D	PP-06	121		280						
CUMBER. RAMP DD	PP-02									
CUMBER. RAMP CC	PP-06	129		344						
CUMBER. RAMP C	PP-06			532						
CANFIELD RAMP	PP-03									
HARLEM STAGING	PP-04				548					
	PP-03	681			707			160	160	
			84							
	TOTALS	1824	84	1155	1255	3066	31777	9324	9324	2952

CONCRETE BARRIER SCHEDULE OF QUANTITIES

		63700155	63700175	63700275	63700900	64300450	X6370279
		CONCRETE BARRIER, SINGLE FACE, 32 INCH HEIGHT	CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT	CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT	CONCRETE BARRIER BASE	IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 3	CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT (SPECIAL)
		FOOT	FOOT	FOOT	FOOT	EACH	FOOT
I-90 & WB-CD	PP-01			784	784	1	
	PP-02		562	2322	2885		
	PP-03			1255	1255	1	
	PP-04						288
	PP-05		61		61		
	PP-06	85			85		
I-190	PP-01						
CUMBER. RAMP D	PP-02						
CUMBER. RAMP DD	PP-06						
CUMBER. RAMP CC	PP-02						
CUMBER. RAMP C	PP-06						
CANFIELD RAMP	PP-03					1	
HARLEM STAGING	PP-04						
	PP-03				40		
		40					
	TOTALS	125	624	4361	5110	3	288

	USER NAME = mksrby	DESIGNED MMK	REVISED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	<p align="center">I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE SCHEDULE OF QUANTITIES ROADWAY</p>	F.A.I. RTE. = 90	SECTION (1517 & 1415) R-2	COUNTY COOK	TOTAL SHEETS 734	SHEET NO. 57
	PLOT SCALE = 2.00' / in.	CHECKED MAM	REVISED -			SCALE: N/A	SHEET NO. 14 OF 15 SHEETS	STA. TO STA.	CONTRACT NO. 60Y39	
	PLOT DATE = 1/29/2018	DATE 01/19/2018	REVISED -			ILLINOIS FED. AID PROJECT				
	<p align="right">SCH-04</p>									

63500105 – DELINEATOR (EACH)

ALIGNMENT	SHEET	FROM STATION	TO STATION	OFFSET	QUANTITY
I-90 WB CD	PP-01	3000+02.38	3004+49.71	LT	2
	PP-01	3009+00.20	3018+00.00	LT	3
	PP-02	3018+00.00	3018+61.26	LT	1
	PP-02	35+98.09	34+67.87	RT	1
	PP-02	34+67.87	32+79.10	RT	1
	PP-02	32+79.10	30+44.04	RT	1
	PP-02	22+97.77	21+42.87	RT	1
	PP-03	21+42.87	17+83.68	RT	1
	PP-03	3051+93.61	3053+71.03	LT	1
	PP-03	3053+71.03	3055+74.06	LT	1
	PP-03	3055+74.06	3057+00.00	LT	1
	PP-03	3057+00.00	3058+89.99	LT	1
	PP-03	3058+89.99	3062+44.10	LT	1
	PP-03	3062+44.10	3066+99.92	LT	2
	I-190	PP-01	1009+08.27	1011+30.49	LT
PP-01		1011+30.49	1017+21.64	LT	2
PP-01		1017+21.64	1018+12.80	LT	1
PP-01		1009+00.00	1011+30.49	RT	2
PP-01		1011+30.49	1016+42.75	RT	2
PP-01		1016+42.75	1019+93.98	RT	3
CUMBER. RAMP D	PP-01	1004+72.14	1009+00.00	RT	4
	PP-02	921+98.34	912+60.00	RT	10
	PP-02	910+17.26	909+00.00	LT	3
	PP-02	909+00.00	908+83.75	LT	1
	PP-02	907+65.30	907+77.91	LT	1
	PP-02	907+65.30	907+00.00	LT	1
	PP-06	907+00.00	904+59.95	LT	3
	PP-06	904+59.95	906+02.18	RT	2
	PP-06	904+59.95	901+66.22	LT	6
	PP-06	904+59.95	901+84.11	RT	6
	PP-06	901+66.22	900+77.50	LT	1
	PP-06	901+84.11	900+91.09	RT	1
	PP-06	900+77.50	900+43.57	LT	2
	PP-06	900+91.09	900+43.54	RT	2
CUMBER. RAMP DD	PP-02	1001+59.66	1002+35.20	RT	1
	PP-02	1002+82.17	1003+68.89	RT	2
	PP-02	1003+68.89	1006+00.00	RT	8
	PP-02	1003+96.35	1006+00.00	LT	7
	PP-06	1006+00.00	1009+42.90	RT	10
	PP-06	1006+00.00	1009+48.47	LT	12
CUMBER. RAMP CC	PP-06	800+65.86	804+42.88	RT	11
	PP-06	804+42.88	805+00.00	RT	2
	PP-06	800+62.16	801+16.45	LT	2
	PP-06	801+16.45	805+00.00	LT	13
	PP-02	805+00.00	807+00.70	RT	7
	PP-02	805+00.00	806+71.88	LT	6
CUMBER. RAMP C	PP-02	807+00.70	807+73.30	RT	2
	PP-02	807+73.30	808+57.03	RT	1
	PP-03	703+97.60	705+16.16	RT	2
CANFIELD RAMP	PP-03	705+16.16	707+51.37	RT	5
	PP-03	705+70.08	707+51.37	LT	4
	PP-04	106+17.08	109+88.95	RT	4
HARLEM	PP-04	109+88.95	111+90.97	RT	3
	PP-05	109+13.43	105+04.48	RT	5
	PP-05	105+04.48	104+65.23	RT	1
	PP-05	104+65.23	103+00.00	RT	2
TOTAL					183

PAVEMENT MARKING SCHEDULE OF QUANTITIES

		78000200	78000500	78000600	78000650	78004354	78004354	78004354	78004354
		THERMOPLASTIC PAVEMENT MARKING - LINE 4"	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	PREFORMED PLASTIC PAVEMENT MARKING TYPE D - INLAID - 4"	PREFORMED PLASTIC PAVEMENT MARKING TYPE D - INLAID - 5"	PREFORMED PLASTIC PAVEMENT MARKING TYPE D - INLAID - 8"	RAISED REFLECTIVE PAVEMENT MARKER
		FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH
I-90 & WB-CD	PMK-01	5728	2296	220		339	1504		166
	PMK-02	8493	2041	800		221	2025		214
	PMK-03	6938	4801	820		75	1563		216
	PMK-04	3865	4162	160		74	1300	400	190
	PMK-05	3871	1902	522	24		900	295	123
	PMK-06	5444	7257	3216	24		975	194	137
	PMK-07								
	TOTALS		34338	22459	5738	48	709	8267	889



USER NAME = mksrby
 PLOT SCALE = 24.00' / Ft.
 PLOT DATE = 3/22/2018

DESIGNED MMK
 DRAWN MMK
 CHECKED MAM
 DATE 01/19/2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

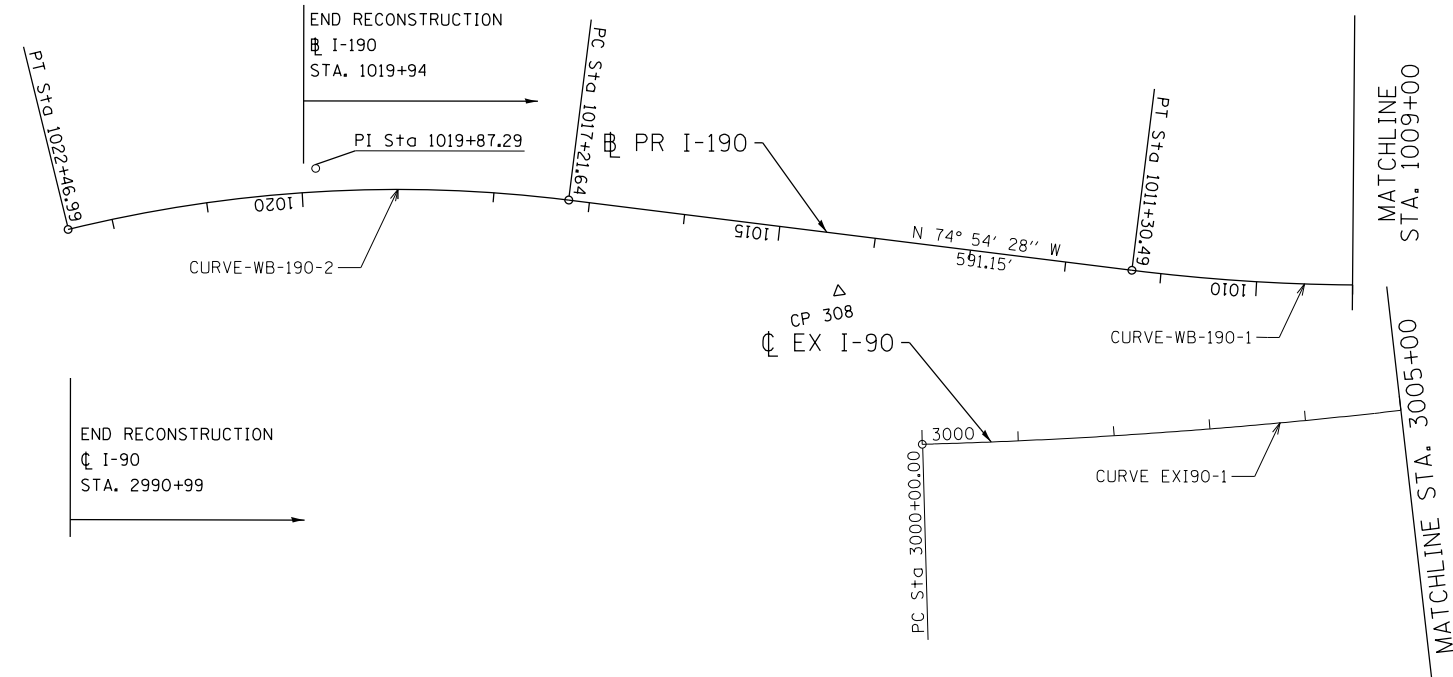
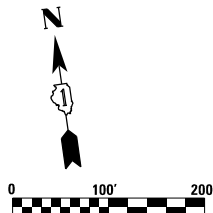
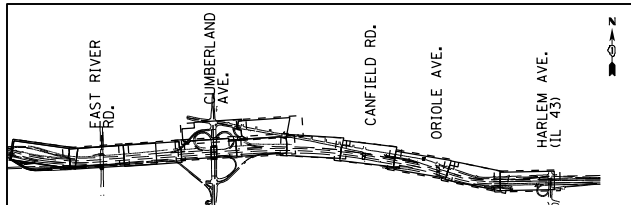
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
 SCHEDULE OF QUANTITIES
 DELINEATORS

SCALE: N/A SHEET NO. 15 OF 15 SHEETS STA. TO STA.

F.A.I. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.
 90 (1517 & 1415) R-2 COOK 734 58
 CONTRACT NO. 60Y39
 ILLINOIS FED. AID PROJECT

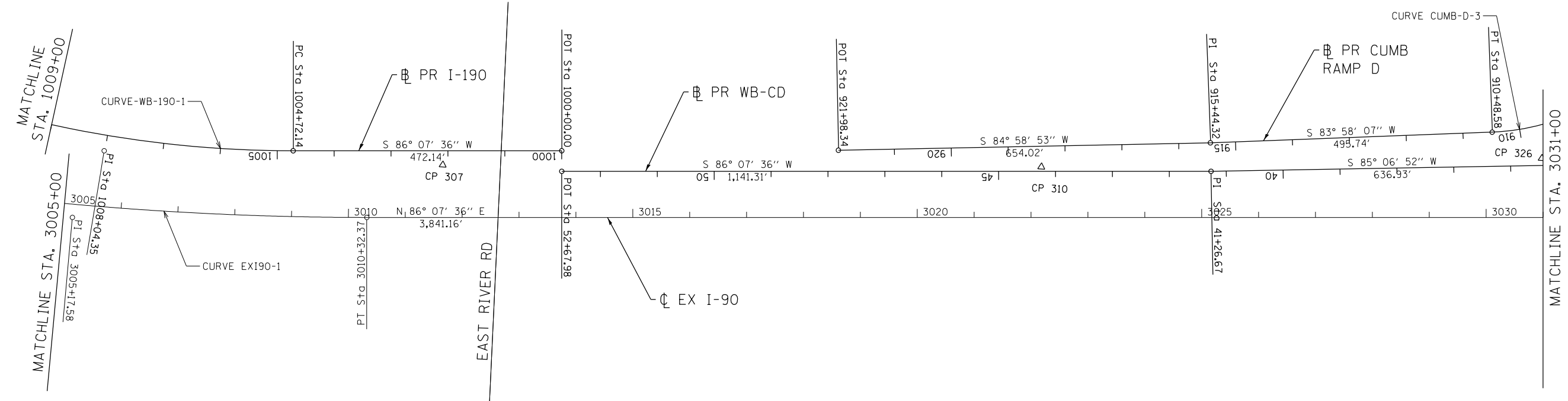
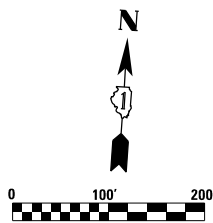
SCH-05



END RECONSTRUCTION
 I-190
 STA. 1019+94

END RECONSTRUCTION
 I-90
 STA. 2990+99

- NOTES:
 1. FOR CURVE DATA SEE DRAWING ALG-4
 2. FOR ALIGNMENT COORDINATE DATA SEE DRAWING ALG-5



**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

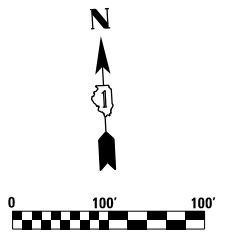
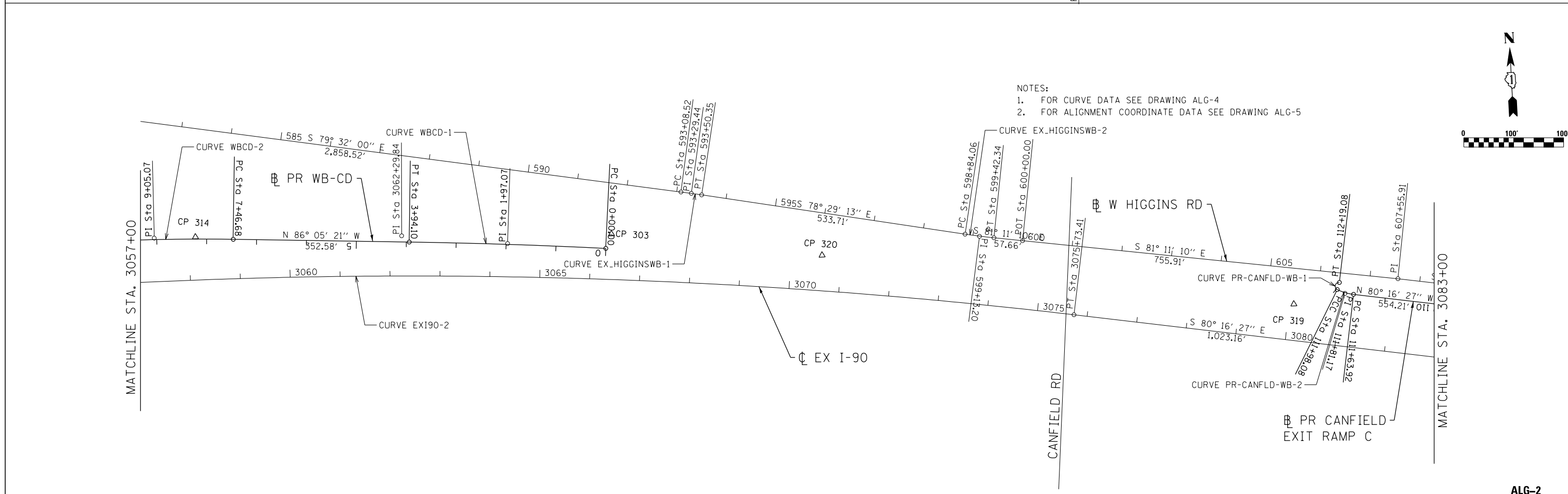
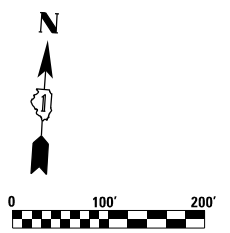
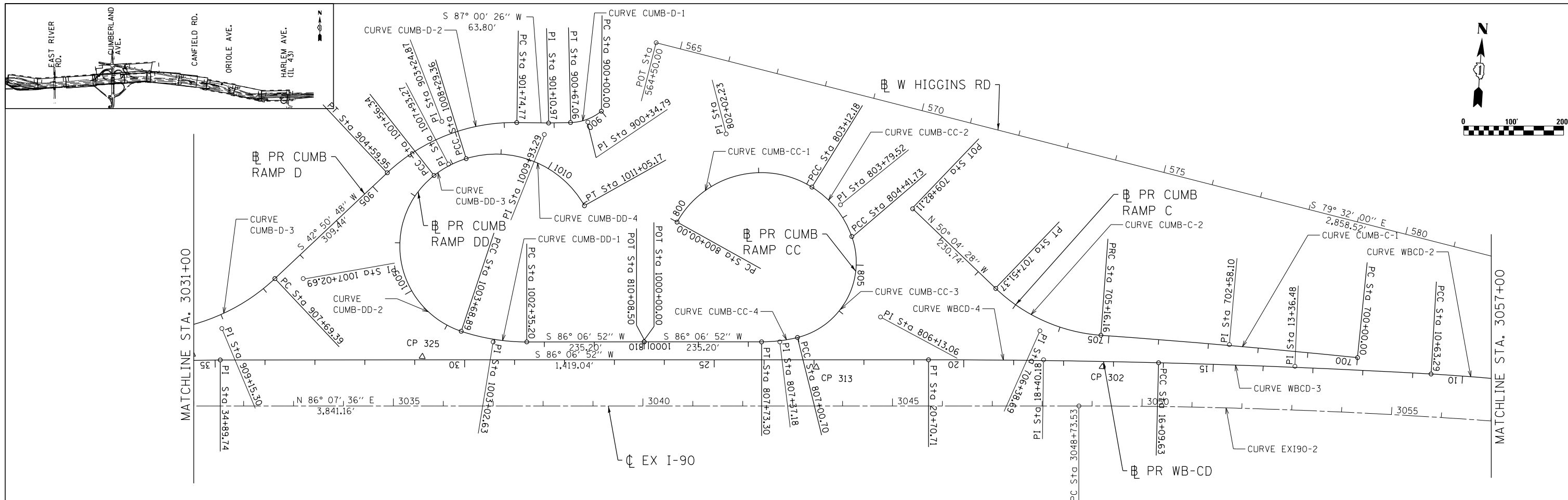
**I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
 ALIGNMENT & TIES**

ALG-1

exp U.S. Services Inc. Chicago, IL BUILDINGS, EARTH & ENVIRONMENT ENERGY INDUSTRIAL INFRASTRUCTURE SUSTAINABILITY	USER NAME = *USER*	DESIGNED MM	REVISED -
	PLOT SCALE = *SCALE*	DRAWN MM	REVISED -
	PLOT DATE = 1-16-2018	CHECKED KA	REVISED -
		DATE 01/19/2018	REVISED -

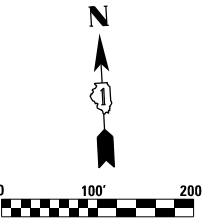
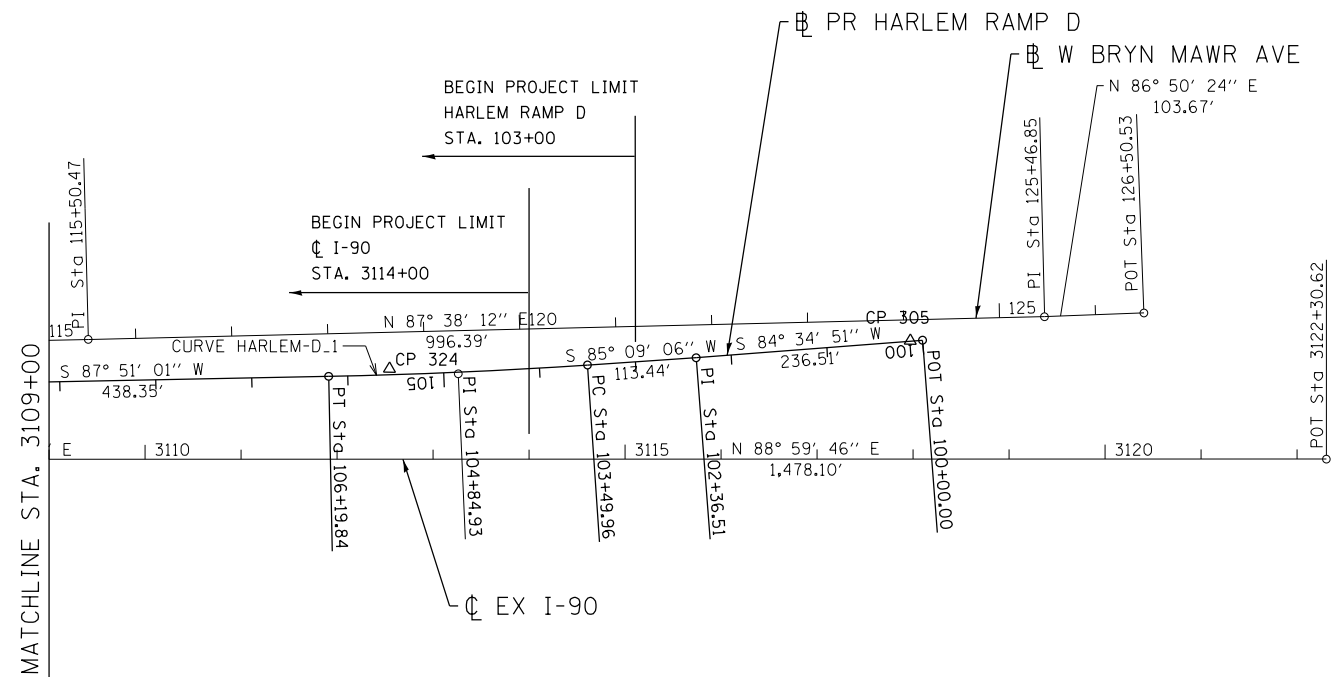
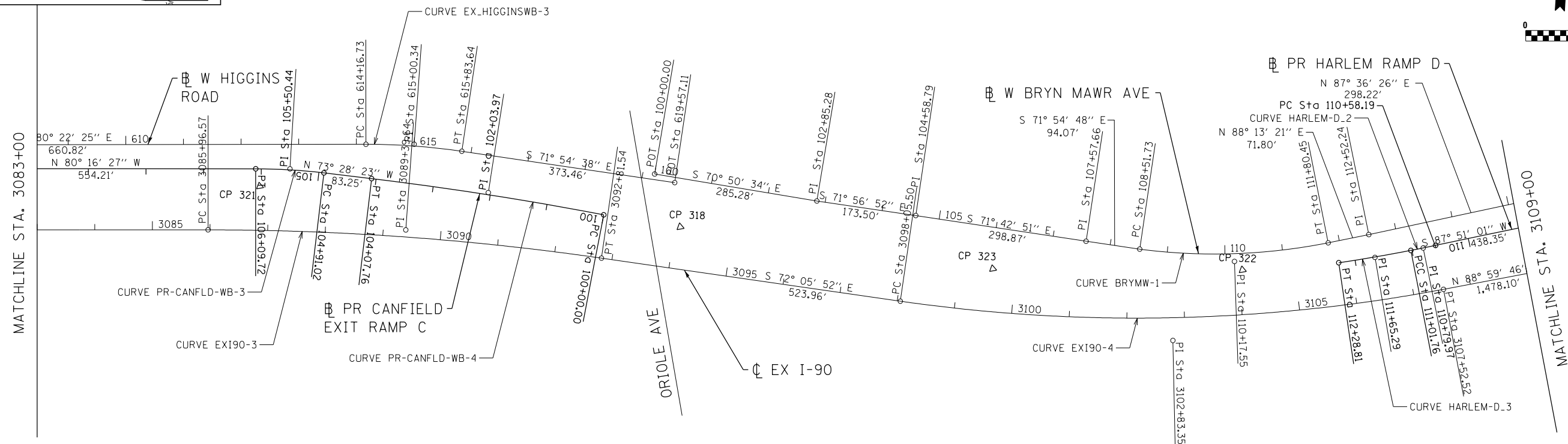
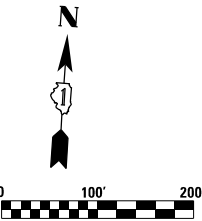
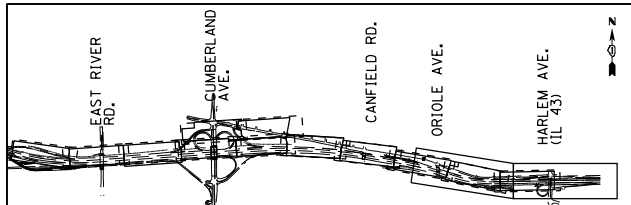
SCALE: 1" = 100' SHEET NO. 1 OF 7 SHEETS STA. 2990+99 TO STA. 3031+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-2	COOK	734	59
CONTRACT NO. 60Y39				
ILLINOIS FED. AID PROJECT				



NOTES:
 1. FOR CURVE DATA SEE DRAWING ALG-4
 2. FOR ALIGNMENT COORDINATE DATA SEE DRAWING ALG-5

exp U.S. Services Inc. Chicago, IL BUILDINGS EARTH & ENVIRONMENT ENERGY INDUSTRIAL INFRASTRUCTURE SUSTAINABILITY	USER NAME = *USER*	DESIGNED MM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE ALIGNMENT & TIES			F.A.I. RTE. 90	SECTION (1517 & 1415) R-2	COUNTY COOK	TOTAL SHEETS 734	SHEET NO. 60	
	PLOT SCALE = *SCALE*	CHECKED KA	REVISED -		SCALE: 1" = 100'	SHEET NO. 2 OF 7 SHEETS	STA. 3031+00 TO STA. 3083+00	CONTRACT NO. 60Y39					
	PLOT DATE = 1-16-2018	DATE 01/19/2018	REVISED -		ILLINOIS FED. AID PROJECT								
	FILE NAME = #FILE#												



- NOTES:
1. FOR CURVE DATA SEE DRAWING ALG-4
 2. FOR ALIGNMENT COORDINATE DATA SEE DRAWING ALG-5

ALG-3

exp U.S. Services Inc. Chicago, IL BUILDINGS, EARTH & ENVIRONMENT ENERGY INDUSTRIAL INFRASTRUCTURE SUSTAINABILITY	USER NAME = *USER*	DESIGNED MM	REVISED -
		DRAWN MM	REVISED -
	PLOT SCALE = *SCALE*	CHECKED KA	REVISED -
	PLOT DATE = 1-16-2018	DATE 01/19/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE ALIGNMENT & TIES			
SCALE: 1" = 100'	SHEET NO. 3 OF 7 SHEETS	STA. 3083+00 TO STA. 3122+30.62	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-2	COOK	734	61
CONTRACT NO. 60Y39				
ILLINOIS FED. AID PROJECT				

CUMB RAMP D		
PROP. CURVE CUMB-D-1 PI STA. = 900+34.79 Δ = 37° 36' 13" (RT) D = 56° 04' 32" R = 102.18' T = 34.79' L = 67.06' E = 5.76' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 900+00.00 P.T. STA = 900+67.06	PROP. CURVE CUMB-D-2 PI STA. = 903+24.87 Δ = 44° 09' 38" (LT) D = 15° 29' 07" R = 370.00' T = 150.09' L = 285.18' E = 29.28' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 901+74.77 P.T. STA = 904+59.95	PROP. CURVE CUMB-D-3 PI STA. = 909+15.30 Δ = 41° 07' 19" (RT) D = 14° 43' 44" R = 389.00' T = 145.91' L = 279.19' E = 26.47' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 907+69.39 P.T. STA = 910+48.58

WB I-190	
PROP. CURVE CURVE-WB-190-1 PI STA. = 1008+04.35 Δ = 18° 57' 56" (RT) D = 2° 52' 51" R = 1,988.91' T = 332.22' L = 658.35' E = 27.55' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 1004+72.14 P.T. STA = 1011+30.49	PROP. CURVE CURVE-WB-190-2 PI STA. = 1019+87.29 Δ = 20° 57' 41" (LT) D = 3° 59' 24" R = 1,436.00' T = 265.65' L = 525.35' E = 24.36' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 1017+21.64 P.T. STA = 1022+46.99

CUMB RAMP DD			
PROP. CURVE CUMB-DD-1 PI STA. = 1003+02.63 Δ = 18° 27' 26" (RT) D = 13° 48' 22" R = 415.00' T = 67.43' L = 133.69' E = 5.44' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 1002+35.20 P.T. STA = 1003+68.89	PROP. CURVE CUMB-DD-2 PI STA. = 1007+02.69 Δ = 123° 19' 44" (RT) D = 31° 49' 52" R = 180.00' T = 333.80' L = 387.45' E = 199.24' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 1003+68.89 P.T. STA = 1007+56.34	PROP. CURVE CUMB-DD-3 PI STA. = 1007+93.27 Δ = 21° 01' 34" (RT) D = 28° 47' 31" R = 199.00' T = 36.93' L = 73.03' E = 3.40' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 1007+56.34 P.T. STA = 1008+29.36	PROP. CURVE CUMB-DD-4 PI STA. = 1009+93.29 Δ = 77° 50' 38" (RT) D = 28° 13' 28" R = 203.00' T = 163.93' L = 275.80' E = 57.92' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 1008+29.36 P.T. STA = 1011+05.17

EXISTING I-90			
EXIST. CURVE EXI90-1 PI STA. = 3005+17.58 Δ = 10° 17' 13" (LT) D = 0° 59' 47" R = 5,750.00' T = 517.58' L = 1,032.37' E = 23.25' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 3000+00.00 P.T. STA = 3010+32.37	EXIST. CURVE EXI90-2 PI STA. = 3062+29.84 Δ = 13° 35' 57" (RT) D = 0° 30' 13" R = 11,375.00' T = 1,356.31' L = 2,699.87' E = 80.58' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 3048+73.53 P.T. STA = 3075+73.41	EXIST. CURVE EXI90-3 PI STA. = 3089+39.64 Δ = 8° 10' 34" (RT) D = 1° 11' 37" R = 4,800.00' T = 343.07' L = 684.97' E = 12.24' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 3085+96.57 P.T. STA = 3092+81.54	EXIST. CURVE EXI90-4 PI STA. = 3102+83.35 Δ = 18° 54' 22" (LT) D = 1° 59' 47" R = 2,870.00' T = 477.85' L = 947.02' E = 39.51' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 3098+05.50 P.T. STA = 3107+52.52

CUMB RAMP CC			
PROP. CURVE CUMB-CC-1 PI STA. = 802+02.23 Δ = 92° 40' 33" (RT) D = 29° 41' 13" R = 193.00' T = 202.23' L = 312.18' E = 86.55' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 800+00.00 P.T. STA = 803+12.18	PROP. CURVE CUMB-CC-2 PI STA. = 803+79.52 Δ = 38° 36' 07" (RT) D = 29° 47' 47" R = 192.29' T = 67.34' L = 129.55' E = 11.45' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 803+12.18 P.T. STA = 804+41.73	PROP. CURVE CUMB-CC-3 PI STA. = 806+13.06 Δ = 95° 43' 47" (RT) D = 36° 57' 54" R = 155.00' T = 171.33' L = 258.97' E = 76.04' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 804+41.73 P.T. STA = 807+00.70	PROP. CURVE CUMB-CC-4 PI STA. = 807+37.18 Δ = 13° 51' 56" (RT) D = 19° 05' 55" R = 300.00' T = 36.48' L = 72.60' E = 2.21' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 807+00.70 P.T. STA = 807+73.30

HARLEM RAMP D		
PROP. CURVE HARLEM-D.1 PI STA. = 104+84.93 Δ = 2° 41' 55" (RT) D = 1° 00' 00" R = 5,730.00' T = 134.97' L = 269.89' E = 1.59' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 103+49.96 P.T. STA = 106+19.84	PROP. CURVE HARLEM-D.2 PI STA. = 110+79.97 Δ = 0° 53' 33" (RT) D = 2° 02' 55" R = 2,796.94' T = 21.78' L = 43.56' E = 0.08' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 110+58.19 P.T. STA = 111+01.76	PROP. CURVE HARLEM-D.3 PI STA. = 111+65.29 Δ = 2° 36' 19" (RT) D = 2° 03' 02" R = 2,794.27' T = 63.54' L = 127.05' E = 0.72' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 111+01.76 P.T. STA = 112+28.81

CUMB RAMP C	
PROP. CURVE CUMB-C-1 PI STA. = 702+58.10 Δ = 1° 39' 46" (LT) D = 0° 19' 20" R = 17,784.67' T = 258.10' L = 516.16' E = 1.87' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 700+00.00 P.T. STA = 705+16.16	PROP. CURVE CUMB-C-2 PI STA. = 706+38.69 Δ = 39° 38' 14" (RT) D = 16° 51' 06" R = 340.00' T = 122.53' L = 235.21' E = 21.41' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 705+16.16 P.T. STA = 707+51.37

WB CANFIELD RAMP			
PROP. CURVE PR-CANFLD-WB-1 PI STA. = 112+41.66 Δ = 160° 28' 12" (RT) D = 763° 56' 37" R = 7.50' T = 43.58' L = 21.01' E = 36.72' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 111+98.08 P.T. STA = 112+19.08	PROP. CURVE PR-CANFLD-WB-2 PI STA. = 111+81.17 Δ = 19° 34' 11" (RT) D = 57° 17' 45" R = 100.00' T = 17.25' L = 34.16' E = 1.48' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 111+63.92 P.T. STA = 111+98.08	PROP. CURVE PR-CANFLD-WB-3 PI STA. = 105+50.44 Δ = 6° 48' 03" (LT) D = 5° 43' 46" R = 1,000.00' T = 59.42' L = 118.70' E = 1.76' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 104+91.02 P.T. STA = 106+09.72	PROP. CURVE PR-CANFLD-WB-4 PI STA. = 102+03.97 Δ = 4° 05' 22" (LT) D = 1° 00' 10" R = 5,712.96' T = 203.97' L = 407.76' E = 3.64' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 100+00.00 P.T. STA = 104+07.76

WB C-D			
PROP. CURVE CURVE-WBCD-1 PI STA. = 1+97.07 Δ = 1° 55' 27" (LT) D = 0° 29' 18" R = 11,735.73' T = 197.07' L = 394.10' E = 1.65' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 0+00.00 P.T. STA = 3+94.10	PROP. CURVE CURVE-WBCD-2 PI STA. = 9+05.07 Δ = 4° 31' 25" (LT) D = 1° 25' 44" R = 4,010.00' T = 158.39' L = 316.61' E = 3.13' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 7+46.68 P.T. STA = 10+63.29	PROP. CURVE CURVE-WBCD-3 PI STA. = 13+36.48 Δ = 1° 46' 30" (LT) D = 0° 19' 30" R = 17,636.70' T = 273.19' L = 546.34' E = 2.12' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 10+63.29 P.T. STA = 16+09.63	PROP. CURVE CURVE-WBCD-4 PI STA. = 18+40.18 Δ = 1° 29' 52" (LT) D = 0° 19' 30" R = 17,636.70' T = 230.55' L = 461.08' E = 1.51' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 16+09.63 P.T. STA = 20+70.71

BRYN MAWR AVE FRONTAGE
EXIST. CURVE CWP83 PI STA. = 110+17.55 Δ = 18° 37' 53" (LT) D = 5° 40' 05" R = 1,010.88' T = 165.82' L = 328.71' E = 13.51' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 108+51.73 P.T. STA = 111+80.45

HIGGINS RD FRONTAGE		
EXIST. CURVE EX_HIGGINSWB-1 PI STA. = 593+29.44 Δ = 1° 02' 47" (RT) D = 2° 30' 07" R = 2,290.00' T = 20.91' L = 41.83' E = 0.10' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 593+08.52 P.T. STA = 593+50.35	EXIST. CURVE EX_HIGGINSWB-2 PI STA. = 599+13.20 Δ = 2° 41' 58" (LT) D = 4° 37' 55" R = 1,237.00' T = 29.15' L = 58.28' E = 0.34' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 598+84.06 P.T. STA = 599+42.34	EXIST. CURVE EX_HIGGINSWB-3 PI STA. = 615+00.34 Δ = 8° 27' 47" (RT) D = 5° 04' 14" R = 1,130.00' T = 83.61' L = 166.91' E = 3.09' e = ----- T.R. = ----- S.E. RUN = ----- P.C. STA = 614+16.73 P.T. STA = 615+83.64

ALG-4



USER NAME = #USER#	DESIGNED MM	REVISED -
PLOT SCALE = #SCALE#	DRAWN MM	REVISED -
PLOT DATE = 1-16-2018	CHECKED KA	REVISED -
	DATE 01/19/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
ALIGNMENT & TIES**

SCALE: 1" = 100' SHEET NO. 4 OF 7 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-2	COOK	734	62
CONTRACT NO. 60Y39				
ILLINOIS FED. AID PROJECT				

ALIGNMENT COORDINATES CUMBERLAND RAMP DD				
CURVE	POINT	STATION	NORTHING	EASTING
POINT	POT	1000+00.00	1,937,414.71	1,119,345.55
CUMB-DD-1	PC	1002+35.20	1,937,398.78	1,119,110.89
	PI	1003+02.63	1,937,394.21	1,119,043.62
	PT	1003+68.89	1,937,411.17	1,118,978.36
CUMB-DD-2	PC	1003+68.89	1,937,411.17	1,118,978.36
	PI	1007+02.69	1,937,495.15	1,118,655.30
	PT	1007+56.34	1,937,718.94	1,118,902.97
CUMB-DD-3	PC	1007+56.34	1,937,718.94	1,118,902.97
	PI	1007+93.27	1,937,743.70	1,118,930.37
	PT	1008+29.36	1,937,756.98	1,118,964.83
CUMB-DD-4	PC	1008+29.36	1,937,756.98	1,118,964.83
	PI	1009+93.29	1,937,815.92	1,119,117.80
	PT	1011+05.17	1,937,678.79	1,119,207.63

ALIGNMENT COORDINATES CUMBERLAND RAMP CC				
CURVE	POINT	STATION	NORTHING	EASTING
CUMB-CC-1	PC	800+00.00	1,937,658.68	1,119,394.98
	PI	802+02.23	1,937,841.60	1,119,481.22
	PT	803+12.18	1,937,746.92	1,119,659.92
CUMB-CC-2	PC	803+12.18	1,937,746.92	1,119,659.92
	PI	803+79.52	1,937,715.39	1,119,719.42
	PT	804+41.73	1,937,653.63	1,119,746.26
CUMB-CC-3	PC	804+41.73	1,937,653.63	1,119,746.26
	PI	806+13.06	1,937,496.48	1,119,814.52
	PT	807+00.70	1,937,444.25	1,119,651.35
CUMB-CC-4	PC	807+00.70	1,937,444.25	1,119,651.35
	PI	807+37.18	1,937,433.12	1,119,616.61
	PT	807+73.30	1,937,430.65	1,119,580.21
POINT	POT	810+08.50	1,937,414.71	1,119,345.55

ALIGNMENT COORDINATES CUMBERLAND RAMP C				
CURVE	POINT	STATION	NORTHING	EASTING
CUMB-C-1	PC	700+00.00	1,937,479.71	1,120,773.70
	PI	702+58.10	1,937,488.50	1,120,515.75
	PT	705+16.16	1,937,489.80	1,120,257.66
CUMB-C-2	PC	705+16.16	1,937,489.80	1,120,257.66
	PI	706+38.69	1,937,490.41	1,120,135.13
	PT	707+51.37	1,937,569.05	1,120,041.16
POINT	POT	709+82.11	1,937,717.14	1,119,864.21

ALIGNMENT COORDINATES WB-CD				
CURVE	POINT	STATION	NORTHING	EASTING
CURVE-WBCD-1	PC	0+00.00	1,937,390.30	1,121,983.63
	PI	1+97.07	1,937,410.33	1,121,787.59
	PT	3+94.10	1,937,423.77	1,121,590.97
CURVE-WBCD-2	PC	7+46.68	1,937,447.82	1,121,239.22
	PI	9+05.07	1,937,458.62	1,121,081.20
	PT	10+63.29	1,937,456.93	1,120,922.82
CURVE-WBCD-3	PC	10+63.29	1,937,456.93	1,120,922.82
	PI	13+36.48	1,937,454.01	1,120,649.65
	PT	16+09.63	1,937,442.63	1,120,376.69
CURVE-WBCD-4	PC	16+09.63	1,937,442.63	1,120,376.69
	PI	18+40.18	1,937,433.02	1,120,146.34
	PT	20+70.71	1,937,417.40	1,119,916.32
POINT	POT	34+89.74	1,937,321.24	1,118,500.54
POINT	POT	41+26.67	1,937,267.00	1,117,865.93
POINT	POT	52+67.98	1,937,189.90	1,116,727.23

ALIGNMENT COORDINATES EXIST I-90				
CURVE	POINT	STATION	NORTHING	EASTING
EXI90-1	PC	3000+00.00	1,937,108.79	1,115,360.12
	PI	3005+17.58	1,937,050.98	1,115,874.46
	PT	3010+32.37	1,937,085.94	1,116,390.86
EXI90-2	PC	3048+73.53	1,937,345.41	1,120,223.24
	PI	3062+29.84	1,937,437.03	1,121,576.45
	PT	3075+73.41	1,937,207.91	1,122,913.27
EXI90-3	PC	3085+96.57	1,937,035.06	1,123,921.73
	PI	3089+39.64	1,936,977.10	1,124,259.86
	PT	3092+81.54	1,936,871.65	1,124,586.32
EXI90-4	PC	3098+05.50	1,936,710.59	1,125,084.91
	PI	3102+83.35	1,936,563.70	1,125,539.63
	PT	3107+52.52	1,936,572.07	1,126,017.41
POINT	POT	3122+30.62	1,936,597.97	1,127,495.28

ALIGNMENT COORDINATES HARLEM RAMP D				
CURVE	POINT	STATION	NORTHING	EASTING
POINT	POT	100+00.00	1,936,714.41	1,127,072.51
POINT	POT	102+36.51	1,936,692.07	1,126,837.06
HARLEM-D_1	PC	103+49.96	1,936,682.49	1,126,724.02
	PI	104+84.93	1,936,671.08	1,126,589.53
	PT	106+19.84	1,936,666.02	1,126,454.66
HARLEM-D_2	PC	110+58.19	1,936,649.57	1,126,016.62
	PI	110+79.97	1,936,648.74	1,125,994.85
	PT	111+01.76	1,936,648.25	1,125,973.08
HARLEM-D_3	PC	111+01.76	1,936,648.25	1,125,973.08
	PI	111+65.29	1,936,646.81	1,125,909.56
	PT	112+28.81	1,936,648.25	1,125,846.03

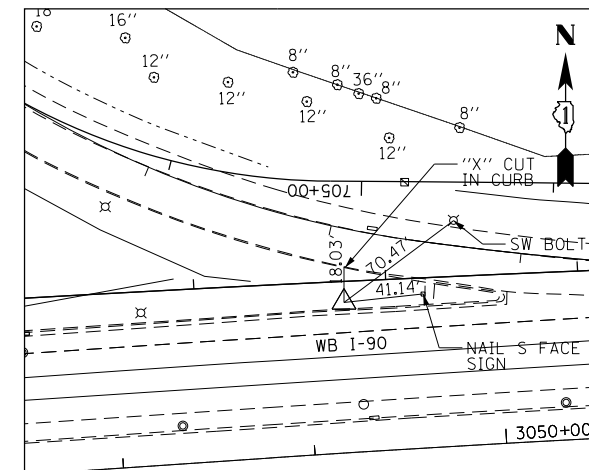
ALIGNMENT COORDINATES CUMBERLAND RAMP D				
CURVE	POINT	STATION	NORTHING	EASTING
CUMB-D-1	PC	900+00.00	1,937,870.14	1,119,228.71
	PI	900+34.79	1,937,846.50	1,119,203.19
	PT	900+67.06	1,937,843.34	1,119,168.54
POINT	POT	901+10.97	1,937,839.36	1,119,124.81
CUMB-D-2	PC	901+74.77	1,937,836.03	1,119,061.10
	PI	903+24.87	1,937,828.19	1,118,911.21
	PT	904+59.95	1,937,718.15	1,118,809.14
CUMB-D-3	PC	907+69.39	1,937,491.28	1,118,598.71
	PI	909+15.30	1,937,384.29	1,118,499.48
	PT	910+48.58	1,937,368.96	1,118,354.38
POINT	POT	915+44.32	1,937,316.88	1,117,861.39
POINT	POT	921+98.34	1,937,259.66	1,117,209.87

ALIGNMENT COORDINATES HIGGINS RD FRONTAGE				
CURVE	POINT	STATION	NORTHING	EASTING
POINT	POT	564+50.00	1,938,014.58	1,119,328.98
EX_HIGGINSWB-1	PC	593+08.52	1,937,495.29	1,122,139.94
	PI	593+29.44	1,937,491.49	1,122,160.51
	PT	593+50.35	1,937,487.32	1,122,181.00
EX_HIGGINSWB-2	PC	598+84.06	1,937,380.79	1,122,703.97
	PI	599+13.20	1,937,374.97	1,122,732.53
	PT	599+42.34	1,937,370.51	1,122,761.33
POINT	POT	600+00.00	1,937,361.67	1,122,818.31
POINT	POT	607+55.91	1,937,245.85	1,123,565.30
EX_HIGGINSWB-3	PC	614+16.73	1,937,135.34	1,124,216.82
	PI	615+00.34	1,937,121.36	1,124,299.25
	PT	615+83.64	1,937,095.40	1,124,378.72
POINT	POT	619+57.11	1,936,979.44	1,124,733.73

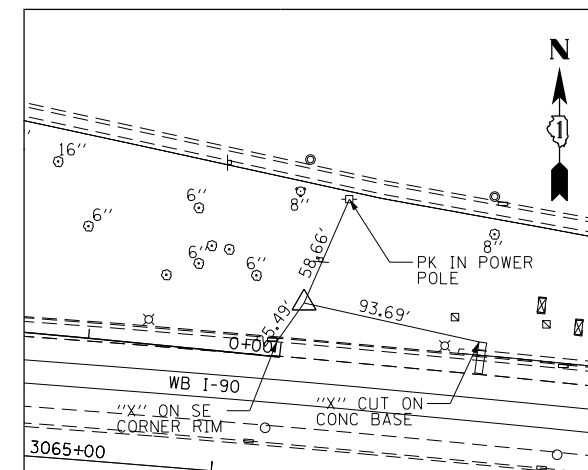
ALIGNMENT COORDINATES CANFIELD EXIT RAMP				
CURVE	POINT	STATION	NORTHING	EASTING
PR-CANFLD-WB-4	PC	100+00.00	1,936,945.11	1,124,602.87
	PI	102+03.97	1,937,016.93	1,124,411.97
	PT	104+07.76	1,937,074.95	1,124,216.42
PR-CANFLD-WB-3	PC	104+91.02	1,937,098.63	1,124,136.61
	PI	105+50.44	1,937,115.54	1,124,079.65
	PT	106+09.72	1,937,125.58	1,124,021.08
PR-CANFLD-WB-2	PC	111+63.92	1,937,219.20	1,123,474.84
	PI	111+81.17	1,937,222.11	1,123,457.84
	PT	111+98.08	1,937,230.55	1,123,442.80
PR-CANFLD-WB-1	PC	111+98.08	1,937,230.55	1,123,442.80
	PI	112+41.66	1,937,251.88	1,123,404.80
	PT	112+19.08	1,937,244.48	1,123,447.74

ALIGNMENT COORDINATES BRYN MAWR AVE FRONTAGE				
CURVE	POINT	STATION	NORTHING	EASTING
POINT	POT	100+00.00	1,937,000.04	1,124,701.94
POINT	POT	102+85.28	1,936,906.43	1,124,971.43
POINT	POT	104+58.79	1,936,852.66	1,125,136.39
POINT	POT	107+57.66	1,936,758.89	1,125,420.17
BRYMWB-1	PC	108+51.73	1,936,729.68	1,125,509.59
	PI	110+17.55	1,936,680.94	1,125,668.09
	PT	111+80.45	1,936,685.39	1,125,833.85
POINT	POT	112+52.24	1,936,687.62	1,125,905.62
POINT	POT	115+50.47	1,936,700.07	1,126,203.58
POINT	POT	125+46.85	1,936,741.16	1,127,199.12
POINT	POT	126+50.53	1,936,746.87	1,127,302.63

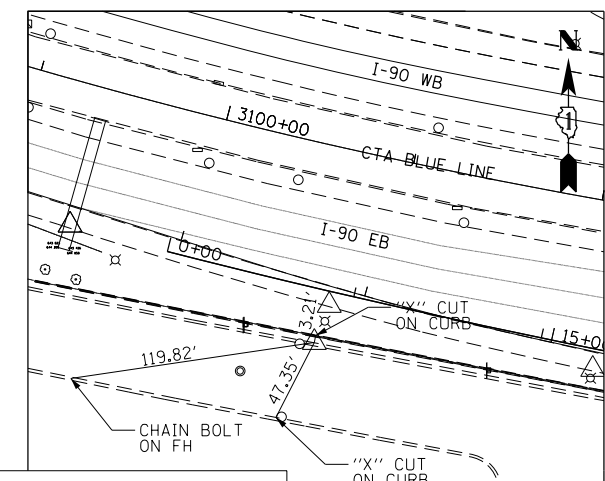
ALIGNMENT COORDINATES WB I-190				
CURVE	POINT	STATION	NORTHING	EASTING
POINT		1000+00.00	1,937,225.82	1,116,724.80
CURVE-WB-190-1	PC	1004+72.14	1,937,193.92	1,116,253.74
	PI	1008+04.35	1,937,171.48	1,115,922.28
	PT	1011+30.49	1,937,257.98	1,115,601.52
CURVE-WB-190-2	PC	1017+21.64	1,937,411.90	1,115,030.76
	PI	1019+87.29	1,937,481.07	1,114,774.28
	PT	1022+46.99	1,937,453.91	1,114,510.03



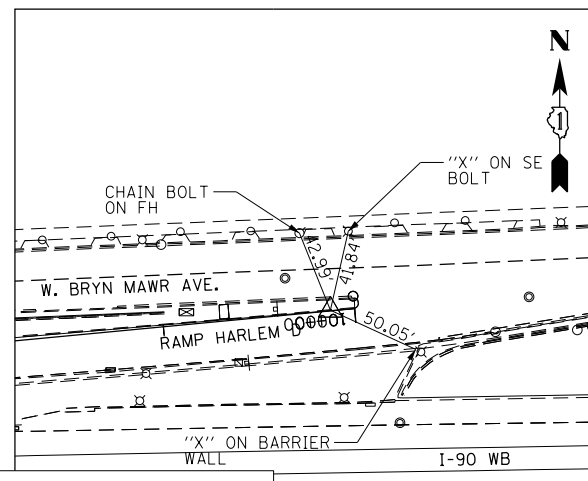
CP 302
SIR WITH CAP
STA. 3049+20.13, 78.39' LT
N 1,937,426.70
E 1,120,264.76
ELEV 640.00



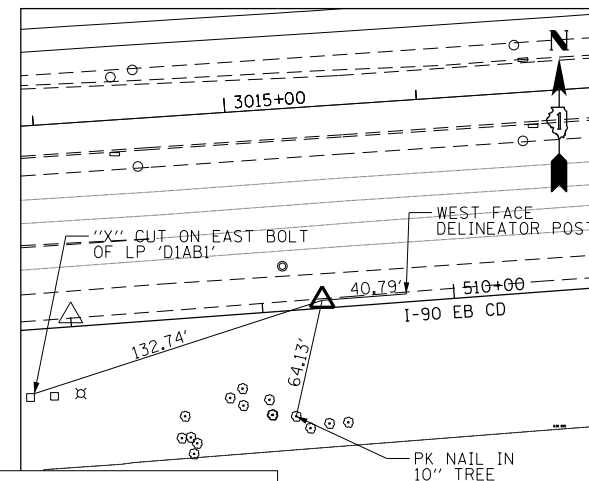
CP 303
SIR WITH CAP
STA. 3066+40.58, 91.24' LT
N 1,937,418.53
E 1,121,996.42
ELEV 647.91



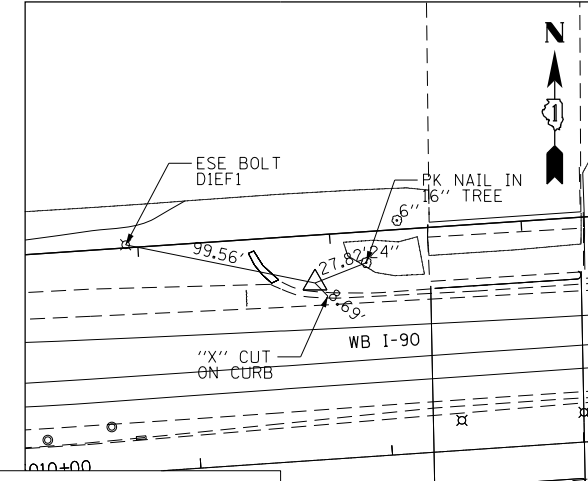
CP 304
"X" CUT ON CURB
STA. 3100+69.84, 102.31' RT
N 1,936,541.18
E 1,125,317.48
ELEV 655.69



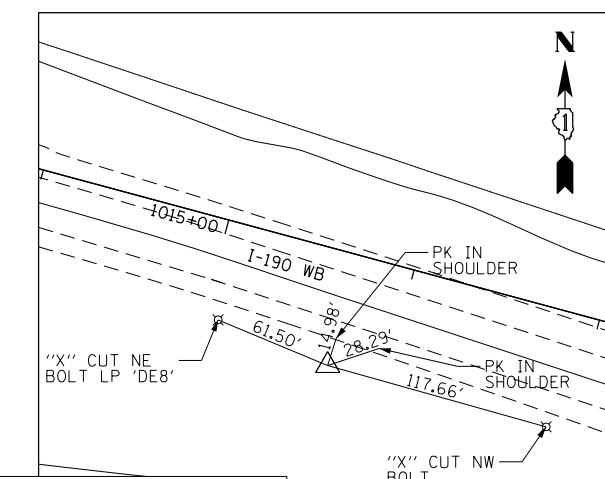
CP 305
"X" CUT ON CURB
STA. 3117+97.31, 123.29' LT
N 1,936,713.65
E 1,127,059.88
ELEV 652.19



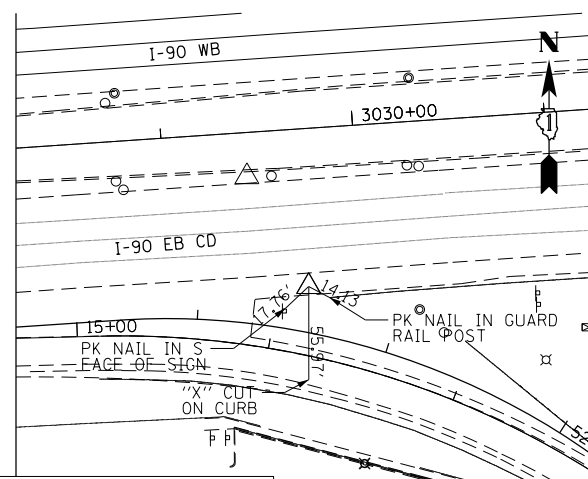
CP 306
SIR WITH CAP
STA. 3015+43.92, 101.08' RT
N 1,937,019.65
E 1,116,908.06
ELEV 634.95



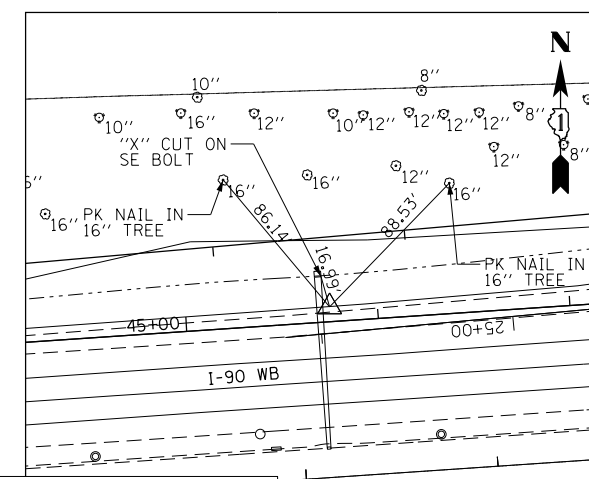
CP 307
SIR WITH CAP
STA. 3011+65.81, 92.19' LT
N 1,937,186.94
E 1,116,517.76
ELEV 637.32



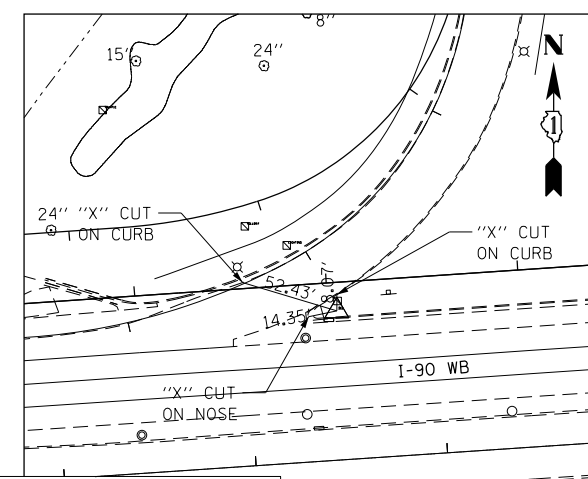
CP 308
(DESCRIPTION)
STA. 1014+30.58, 59.79' LT
N 1,937,278.40
E 1,115,296.22
ELEV 636.89



CP 309
MAG NAIL
STA. 3029+71.57, 82.25' RT
N 1,937,134.87
E 1,118,331.18
ELEV 637.72



CP 310
SIR WITH CAP
STA. 3022+18.04, 88.74' LT
N 1,937,254.58
E 1,117,567.82
ELEV 634.76



CP 313
SIR WITH CAP
STA. 3043+47.39, 77.60' LT
N 1,937,387.29
E 1,119,693.05
ELEV 636.88

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 WESTBOUND FROM HARLEM AVE TO I-90 INTERCHANGE
ALIGNMENT & TIES

SCALE: 1" = 100' SHEET NO. 6 OF 7 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-2	COOK	734	64
CONTRACT NO. 60Y39				

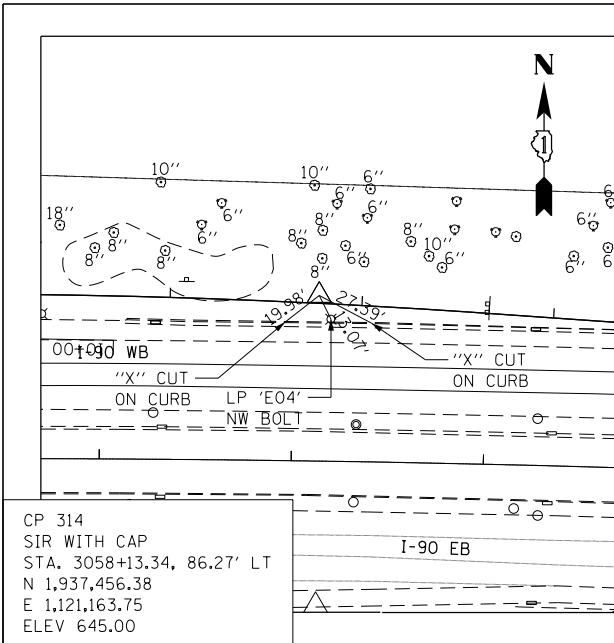
ILLINOIS FED. AID PROJECT

exp U.S. Services Inc.
Chicago, IL
BUILDINGS EARTH & ENVIRONMENT ENERGY
INDUSTRIAL INFRASTRUCTURE SUSTAINABILITY

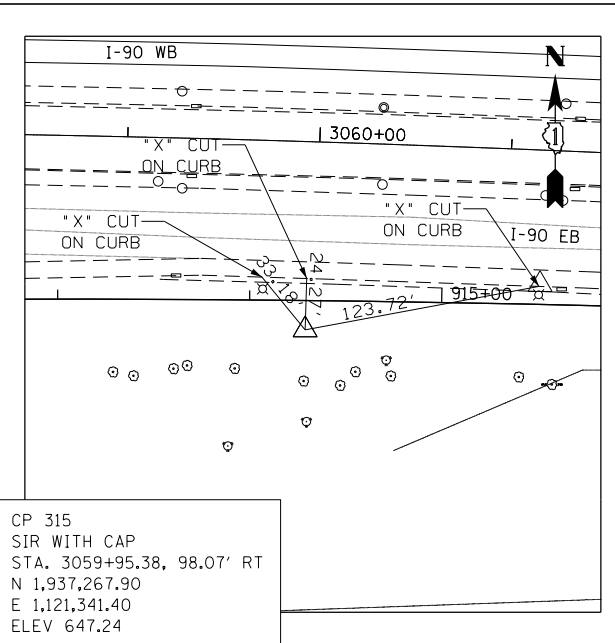
USER NAME	DESIGNED	REVISIONS
USER	MM	- -
	MM	- -
	KA	- -
	DATE	01/19/2018

FILE NAME = #FILE#

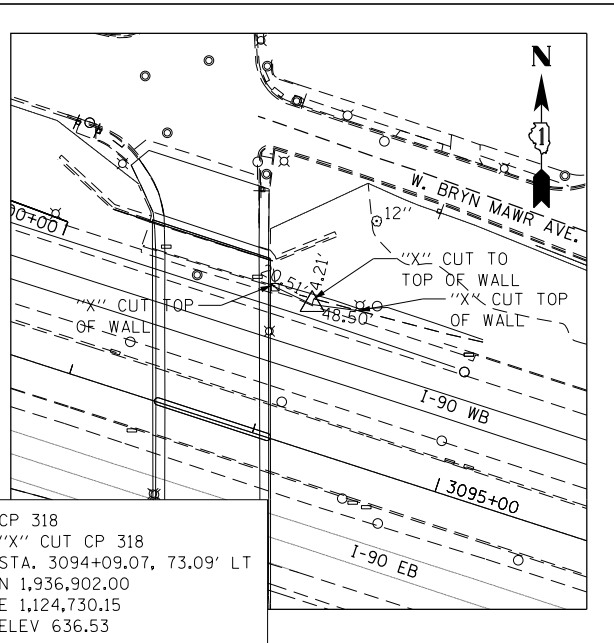
ALG-6



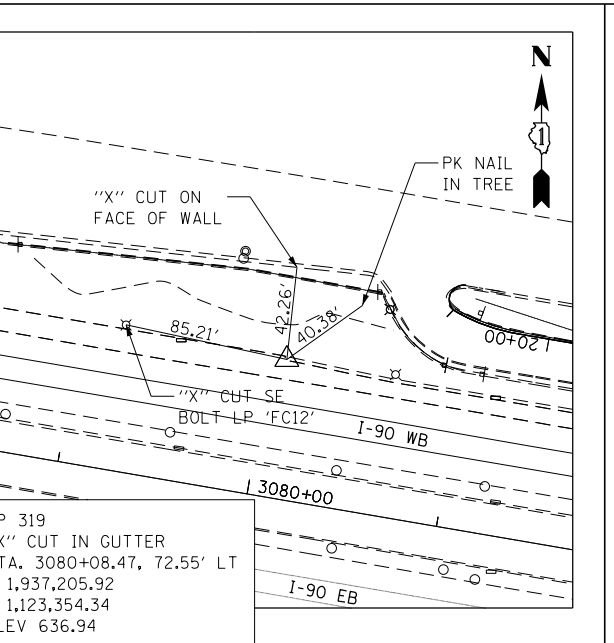
CP 314
SIR WITH CAP
STA. 3058+13.34, 86.27' LT
N 1,937,456.38
E 1,121,163.75
ELEV 645.00



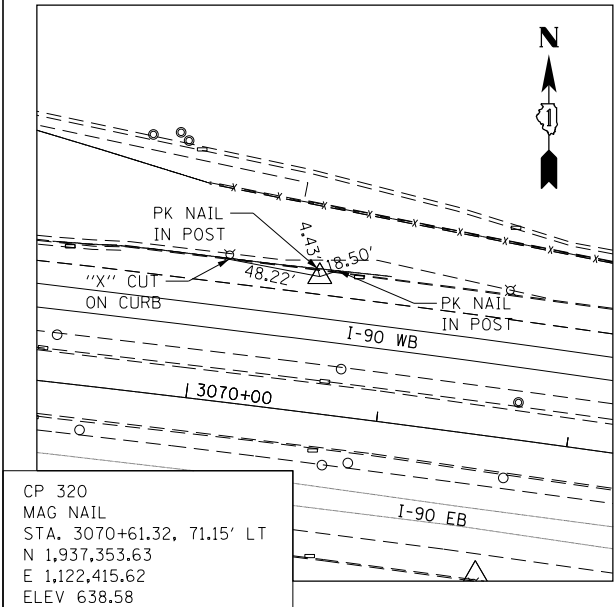
CP 315
SIR WITH CAP
STA. 3059+95.38, 98.07' RT
N 1,937,267.90
E 1,121,341.40
ELEV 647.24



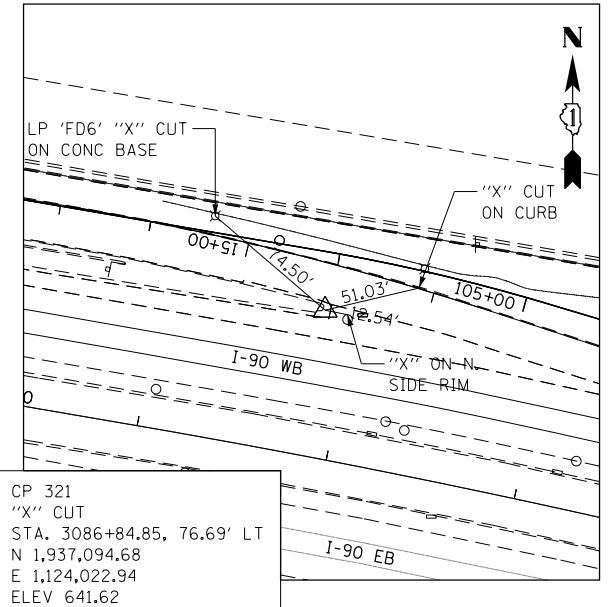
CP 318
"X" CUT CP 318
STA. 3094+09.07, 73.09' LT
N 1,936,902.00
E 1,124,730.15
ELEV 636.53



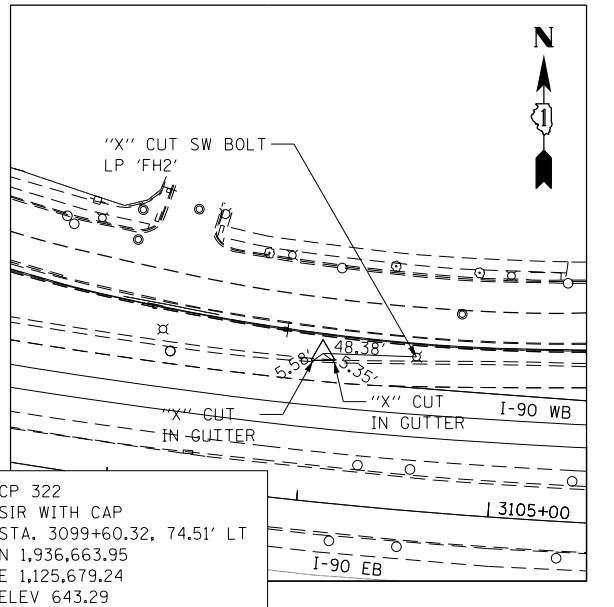
CP 319
"X" CUT IN GUTTER
STA. 3080+08.47, 72.55' LT
N 1,937,205.92
E 1,123,354.34
ELEV 636.94



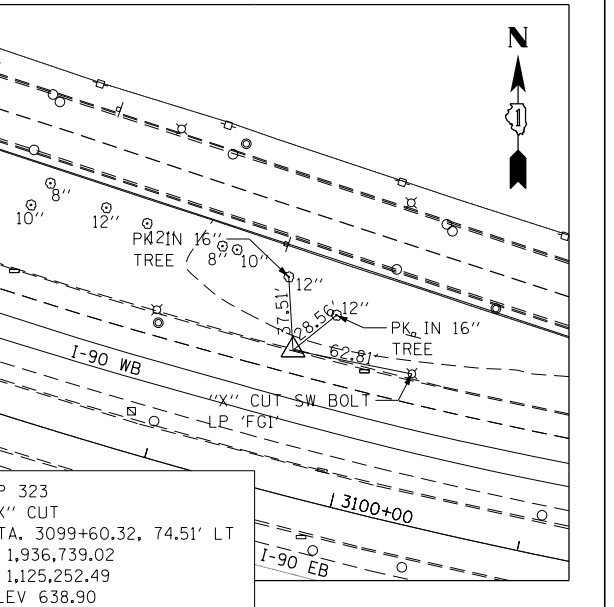
CP 320
MAG NAIL
STA. 3070+61.32, 71.15' LT
N 1,937,353.63
E 1,122,415.62
ELEV 638.58



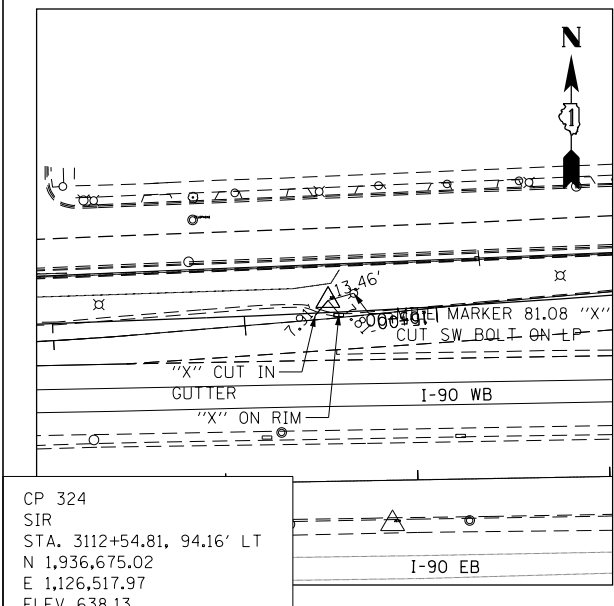
CP 321
"X" CUT
STA. 3086+84.85, 76.69' LT
N 1,937,094.68
E 1,124,022.94
ELEV 641.62



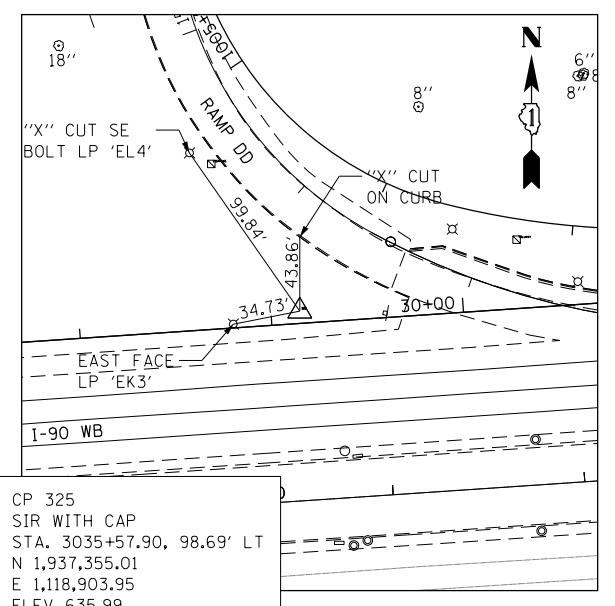
CP 322
SIR WITH CAP
STA. 3099+60.32, 74.51' LT
N 1,936,663.95
E 1,125,679.24
ELEV 643.29



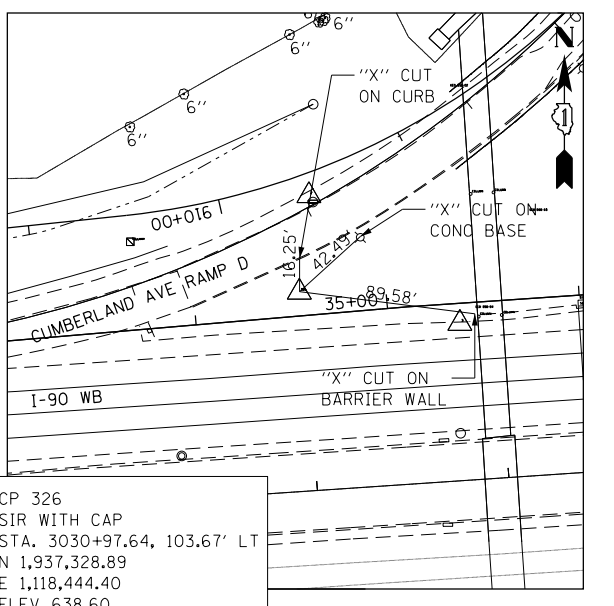
CP 323
"X" CUT
STA. 3099+60.32, 74.51' LT
N 1,936,739.02
E 1,125,252.49
ELEV 638.90



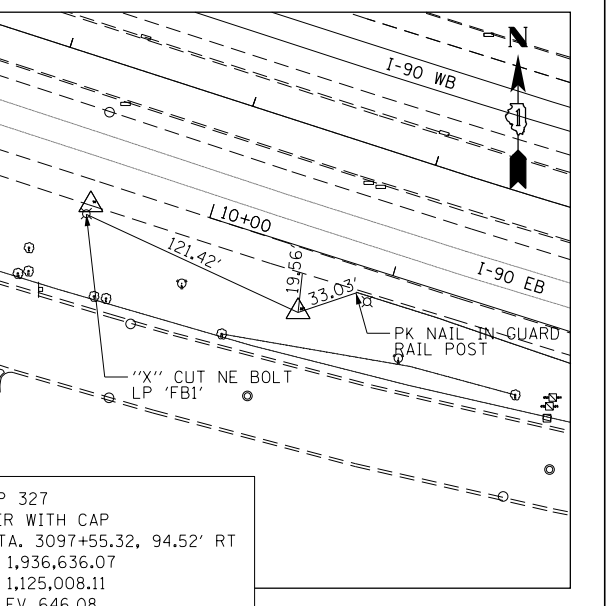
CP 324
SIR
STA. 3112+54.81, 94.16' LT
N 1,936,675.02
E 1,126,517.97
ELEV 638.13



CP 325
SIR WITH CAP
STA. 3035+57.90, 98.69' LT
N 1,937,355.01
E 1,118,903.95
ELEV 635.99



CP 326
SIR WITH CAP
STA. 3030+97.64, 103.67' LT
N 1,937,328.89
E 1,118,444.40
ELEV 638.60



CP 327
SIR WITH CAP
STA. 3097+55.32, 94.52' RT
N 1,936,636.07
E 1,125,008.11
ELEV 646.08

exp U.S. Services Inc.
Chicago, IL
BUILDINGS EARTH & ENVIRONMENT ENERGY
INDUSTRIAL INFRASTRUCTURE SUSTAINABILITY

USER NAME = *USER*
PLOT SCALE = *SCALE*
PLOT DATE = 1-16-2018

DESIGNED MM
DRAWN MM
CHECKED KA
DATE 01/19/2018

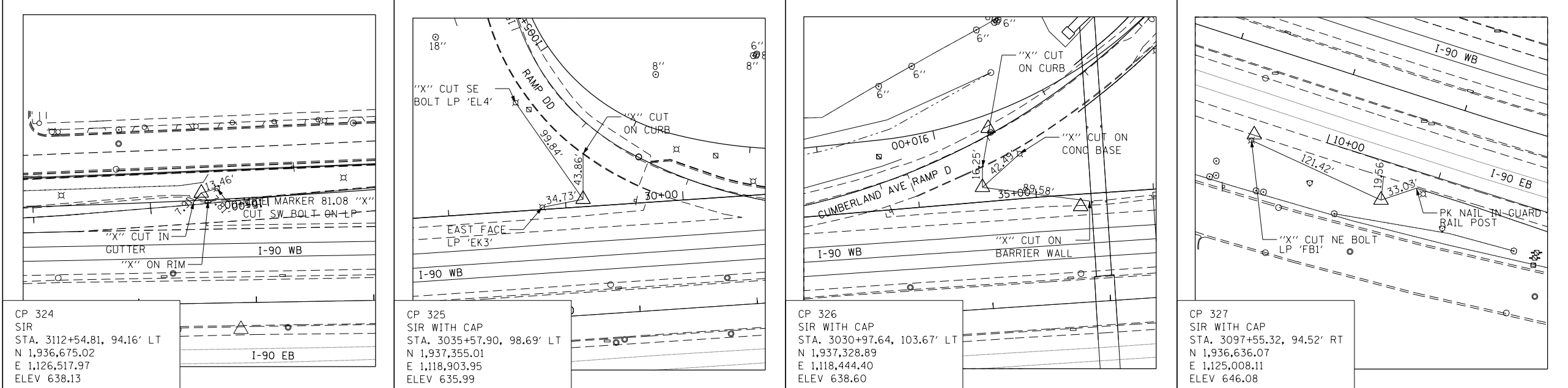
REVISED - -
REVISED - -
REVISED - -
REVISED - -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 WESTBOUND FROM HARLEM AVE TO I-90 INTERCHANGE
ALIGNMENT & TIES
SCALE: 1" = 100'
SHEET NO. 7 OF 7 SHEETS
STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-2	COOK	734	65
CONTRACT NO. 60Y39				
ILLINOIS FED. AID PROJECT				

ALG-7



BENCHMARK DATA

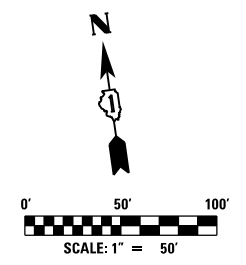
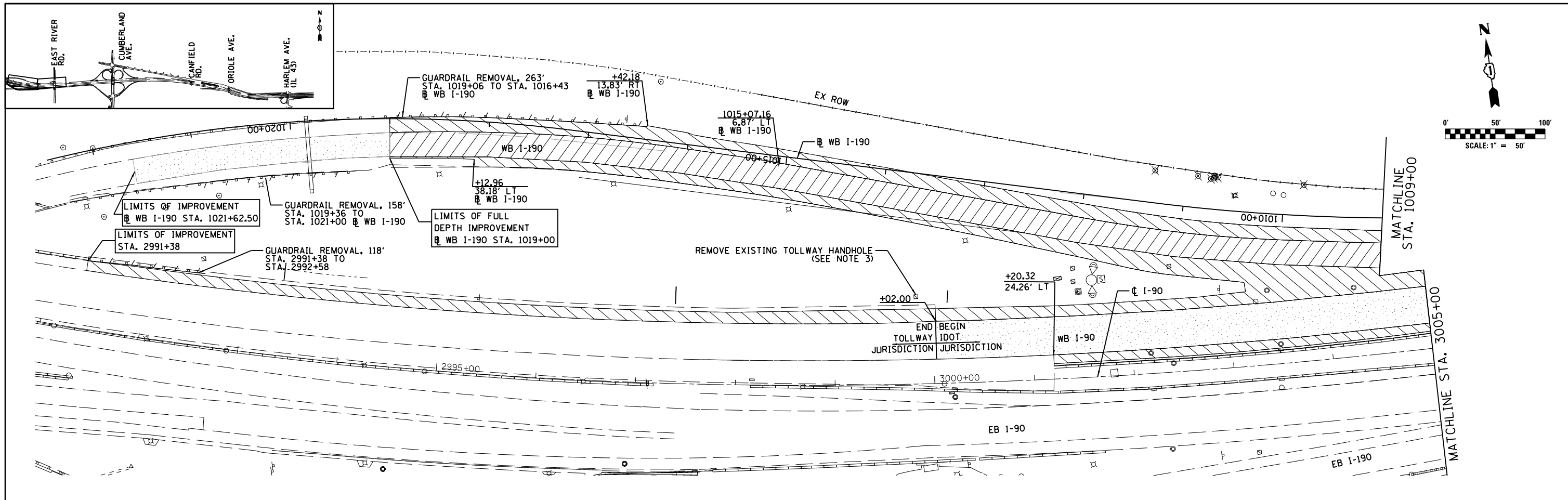
- BM #7 (ELEV 642.47) - SQUARE CUT NORTHEASTERLY CORNER OF WINGWALL @ SW QUADRANT OF I-90 AND MANNHEIM ROAD
- TBM #1 (ELEV 612.97) - SQUARE CUT ON SOUTH SIDE OF TRAFFIC CONTROL SIGNAL MAST ARM CONCRETE BASE ON SOUTH SIDE EB I-190 BETWEEN MANNHEIM RD BRIDGE AND CN RAILROAD BRIDGE
- TBM #2 (ELEV 631.65) - SQUARE CUT ON NW CORNER OF CONCRETE TRUSS (C6) FOUNDATION ON SOUTH SIDE OF EB I-190 FOR EXITS 1C AND 1D
- TBM #3 (ELEV 648.12) - DISK SET ON SW CORNER OF CONCRETE TRUSS (C8) FOUNDATION ON SOUTH SIDE OF EB I-190 FOR EXITS 1A-B AND 1C
- TBM #4 (ELEV 663.39) - TOP OF NW BOLT ON TRUSS SIGN (C10) ON SOUTH SIDE EB I-190 FOR EXITS 1B AND 1C
- TBM #5 (ELEV 650.25) - TOP OF NW BOLT ON TRUSS SIGN (C12) ON SOUTH SIDE EB I-190 FOR EXITS 1A AND 1B
- TBM #6 (ELEV 649.90) - TOP OF NW BOLT ON TRUSS SIGN (D2) ON SOUTH SIDE EB I-190 FOR EXITS 79A-B AND 1A
- TBM #7 (ELEV 642.06) - "X" CUT ON SW BOLT OF LIGHT POLE (DH4) ON NORTH SIDE EB I-190 ADJACENT TO ENTRANCE RAMP FROM NB RIVER RD
- TBM #8 (ELEV 633.95) - SQUARE CUT ON SOUTH SIDE OF LIGHT POLE (DH7) ON NORTH SIDE OF EB I-190
- TBM #9 (ELEV 633.36) - "X" CUT ON NNE BOLT OF HIGH MAST LIGHT POLE (D1GH3) ON SOUTH SIDE OF EB I-90
- TBM #10 (ELEV 631.87) - "X" CUT ON NNW BOLT OF HIGH MAST LIGHT POLE (D1AB2) ON SOUTH SIDE EB I-90
- TBM #11 (ELEV 634.20) - "X" CUT ON NNW BOLT OF HIGH MAST LIGHT POLE (D1AB4) ON SOUTH SIDE EB I-90
- TBM #12 (ELEV 636.85) - SQUARE CUT ON NORTH SIDE CONCRETE BASE FOR LIGHT POLE (ED5) ON SOUTH SIDE OF EB I-90 JUST WEST OF THE CUMBERLAND AVE BRIDGE
- TBM #13 (ELEV 643.17) - "X" CUT ON NW BOLT OF LIGHT POLE (EG5) ON SOUTH SIDE EB I-90
- TBM #14 (ELEV 640.78) - SQUARE CUT ON THE NW CORNER OF CONCRETE BASE FOR OVERHEAD IDOT TRAFFIC INFO TRUSS SIGN ON SOUTH SIDE OF EB I-90 JUST WEST OF CANFIELD
- TBM #15 (ELEV 638.80) - SQUARE CUT SW CORNER AT WEST END OF BARRIER WALL WEST OF ORIOLE BRIDGE ON SOUTH SIDE OF EB I-90
- TBM #16 (ELEV 639.41) - SQUARE CUT ON TOP OF BARRIER WALL ON SOUTH SIDE EB I-90 BY LIGHT POLE (FE7)
- TBM #17 (ELEV 637.45) - "X" CUT SW BOLT OF LIGHT POLE (FH8) ON NORTH SIDE OF WB I-90, 3RD POLE WEST OF CTA BRIDGE WEST OF HARLEM
- TBM #18 (ELEV 639.02) - SQUARE CUT ON TOP OF BARRIER WALL BY LIGHT POLE (FD2) MILE MARKER 80.74 ON NORTH SIDE WB I-90 JUST EAST OF ORIOLE BRIDGE

- TBM #19 (ELEV 638.00) - SQUARE CUT ON TOP OF BARRIER WALL BY LIGHT POLE (FC13) MILE MARKER 80.40 ON NORTH SIDE WB I-90 JUST EAST OF CANFIELD
- TBM #20 (ELEV 647.37) - SQUARE CUT ON SOUTH SIDE OF SOUTH CONCRETE BASE OF THE NORTH CUMBERLAND 1/4 MILE EXIT SIGN ON NORTH SIDE OF WB I-90
- TBM #21 (ELEV 643.66) - SQUARE CUT ON THE SE CORNER OF A CONCRETE BARRIER BASE FOR TRUSS SIGN ON NORTH SIDE OF WB I-90 EXITS 78, 79A, 79B
- TBM #22 (ELEV 637.48) - SQUARE CUT ON TOP OF BARRIER WALL BY LIGHT POLE (EN1) MILE MARKER 79.72 ON NORTH SIDE OF WB I-90 JUST EAST OF CUMBERLAND BRIDGE
- TBM #23 (ELEV 634.35) - SQUARE CUT ON THE SW CORNER OF A CONCRETE BASE FOR TRUSS SIGN ON NORTH SIDE OF WB I-90 EXIT 78
- TBM #24 (ELEV 638.62) - SQUARE CUT ON THE NE CORNER OF END OF BARRIER WALL ON NORTH SIDE OF WB I-90 EAST OF E RIVER RD BRIDGE
- TBM #25 (ELEV 630.43) - "X" CUT ON SOUTH BOLT OF HIGH MAST LIGHT POLE (D1EF3) ON NORTH SIDE OF WB I-90
- TBM #26 (ELEV 633.48) - SQUARE CUT ON TOP OF BARRIER WALL BETWEEN LIGHT POLE "GC11" MILE MARKER 81.25 ON NORTH SIDE WB I-90, 1ST POLE EAST OF HARLEM AVE.
- TBM #27 (ELEV 649.88) - CHAIN BOLT ON HYDRANT ON NW CORNER NOTTINGHAM AND BRYN MAWR
- TBM #28 (ELEV 647.47) - CHAIN BOLT ON HYDRANT ON NW CORNER OF NORDICA AND BRYN MAWR
- TBM #29 (ELEV 630.42) - SW BOLT OF LIGHT POLE "GH3" ON NORTH SIDE OF WB I-90 AT SAYRE AVE EXIT (81B)
- TBM #30 (ELEV 644.73) - CHAIN BOLT ON HYDRANT ON NORTHEAST CORNER OF NEWCASTLE AND BRYN MAWR
- TBM #31 (ELEV 628.54) - CHAIN BOLT ON HYDRANT ON NORTHWEST CORNER OF NEWARK AND BRYN MAWR
- TBM #32 (ELEV 623.26) - CHAIN BOLT ON HYDRANT ON NORTHWEST CORNER OF NATOMA AND BRYN MAWR
- TBM #33 (ELEV 624.43) - CHAIN BOLT ON HYDRANT ON NORTHWEST CORNER OF NAGLE AND BRYN MAWR
- TBM #34 (ELEV 623.84) - CHAIN BOLT ON HYDRANT ON NORTHWEST CORNER OF MULLIGAN AND BRYN MAWR GRASS PARKWAY
- TBM #35 (ELEV 623.74) - CHAIN BOLT ON HYDRANT ON NORTHWEST CORNER AVONDALE AND BRYN MAWR
- TBM #36 (ELEV 622.63) - "X" CUT ON SOUTHWEST BOLT OF SIGN TRUSS ON THE NORTH SIDE OF WB I-90 FOR EXIT
- TBM #37 (ELEV 601.71) - SQUARE BUT ON TOP OF BARRIER WALL BY LIGHT POLE "HH4" ON NORTH SIDE OF WB I-90 / 1ST LIGHT POLE EAST OF AUSTIN AVE PEDESTRIAN BRIDGE

- TBM #38 (ELEV 607.36) - "X" CUT ON SOUTHWEST BOLT OF LIGHT POLE "HH8" ON NORTH SIDE OF WB I-90
- TBM #39 (ELEV 600.76) - "X" CUT ON SOUTHWEST BOLT OF LIGHT POLE "HG14" ON NORTH SIDE WB I-90 / 3RD LIGHT POLE WEST OF FOSTER AVE
- TBM #40 (ELEV 621.71) - "X" CUT ON SOUTHWEST BOLT OF LIGHT POLE "H06" ON NORTH SIDE OF WB I-90
- TBM #41 (ELEV 606.38) - SQUARE CUT ON TOP OF BARRIER WALL BY LIGHT POLE ON NORTH SIDE OF WB I-90 / 1ST LIGHT POLE EAST OF NAGLE AVE BRIDGE
- TBM #42 (ELEV 603.22) - SQUARE CUT ON TOP OF BARRIER WALL BY LIGHT POLE "GH11" ON NORTH SIDE OF WB I-90 / 1ST LIGHT POLE EAST OF NATOMA AVE BRIDGE
- TBM #43 (ELEV 624.09) - "X" CUT ON SE BOLT OF SIGN TRUSS ON THE NORTH SIDE OF WB I-90 FOR EXIT 81B
- TBM #44 (ELEV 628.17) - SQUARE CUT ON TOP OF BARRIER WALL BY LIGHT POLE "GD1" ON NORTH SIDE OF WB I-90 / 1ST LIGHT POLE EAST OF SAYRE AVE BRIDGE

NOTE: BENCHMARK DATUM IS TO BE UTILIZED FOR PROJECT VERTICAL CONTROL

	USER NAME = #USER#	DESIGNED MM	REVISED - -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE ALIGNMENT & TIES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN MM	CHECKED KA	REVISED -		90	(1517 & 1415) R-2	COOK	734	66			
	PLOT SCALE = #SCALE#	DATE 01/19/2018	REVISED -		CONTRACT NO. 60Y39			ILLINOIS FED. AID PROJECT				
	PLOT DATE = 1-16-2018	DATE	REVISED -		SCALE: 1" = 100'	SHEET NO. 8 OF 8 SHEETS	STA.	TO STA.				

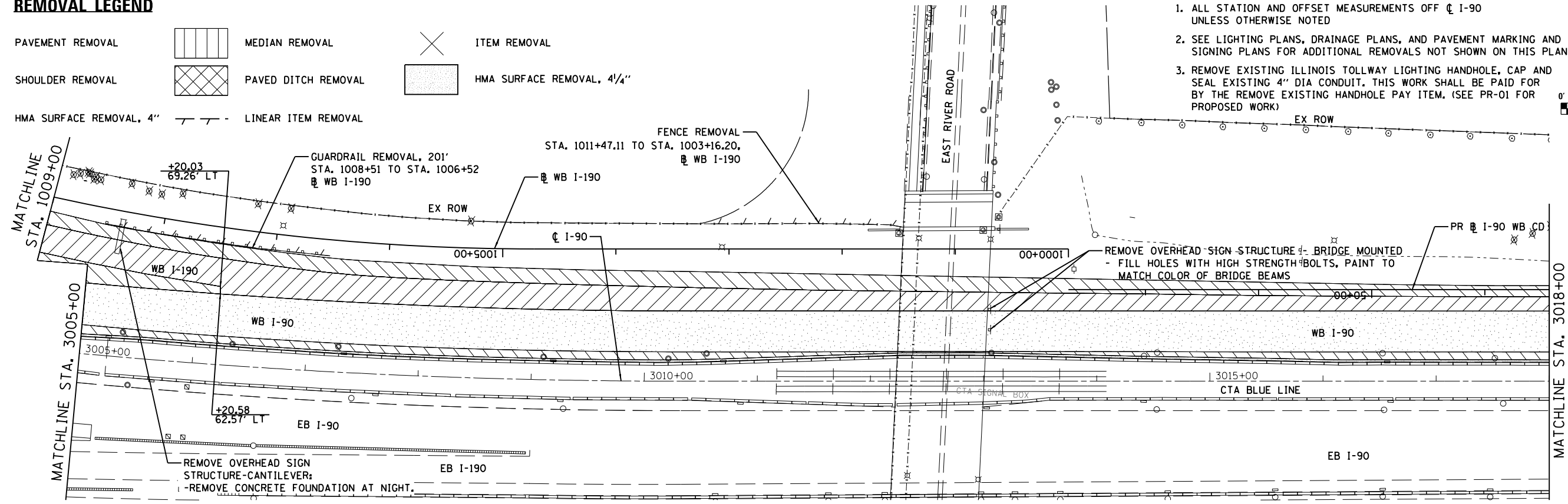
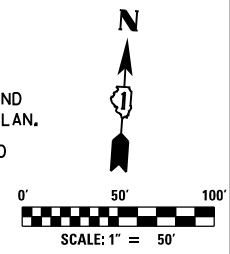


REMOVAL LEGEND

	PAVEMENT REMOVAL		MEDIAN REMOVAL		ITEM REMOVAL
	SHOULDER REMOVAL		PAVED DITCH REMOVAL		HMA SURFACE REMOVAL, 4 1/4"
	HMA SURFACE REMOVAL, 4"		LINEAR ITEM REMOVAL		

NOTES:

1. ALL STATION AND OFFSET MEASUREMENTS OFF ϕ I-90 UNLESS OTHERWISE NOTED
2. SEE LIGHTING PLANS, DRAINAGE PLANS, AND PAVEMENT MARKING AND SIGNING PLANS FOR ADDITIONAL REMOVALS NOT SHOWN ON THIS PLAN.
3. REMOVE EXISTING ILLINOIS TOLLWAY LIGHTING HANDHOLE, CAP AND SEAL EXISTING 4" DIA CONDUIT. THIS WORK SHALL BE PAID FOR BY THE REMOVE EXISTING HANDHOLE PAY ITEM. (SEE PR-01 FOR PROPOSED WORK)



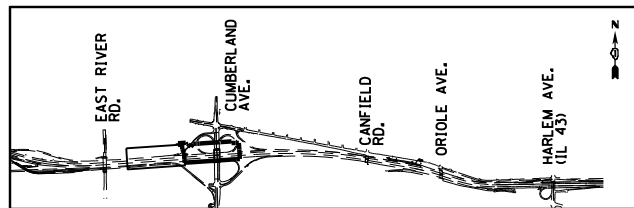
USER NAME = mksrby	DESIGNED MJK	REVISED -
	DRAWN BAJ	REVISED -
PLOT SCALE = 2.00" / 1"	CHECKED MAM	REVISED -
PLOT DATE = 1/29/2018	DATE 01/19/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

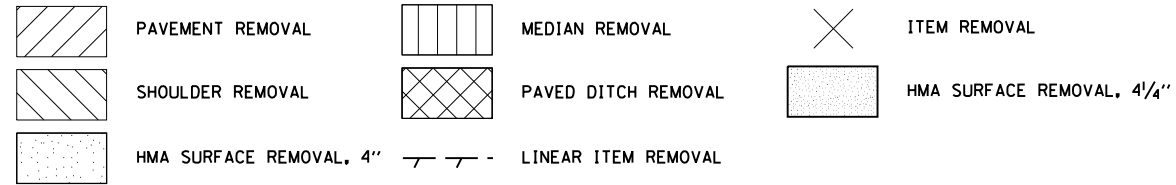
**I-90 WESTBOUND FROM HARLEM AVE TO I-90 INTERCHANGE
REMOVAL PLAN**

SCALE: 1"=50' SHEET NO. 1 OF 6 SHEETS STA. 2990+90 TO STA. 3018+00

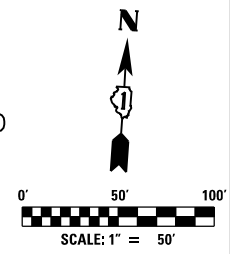
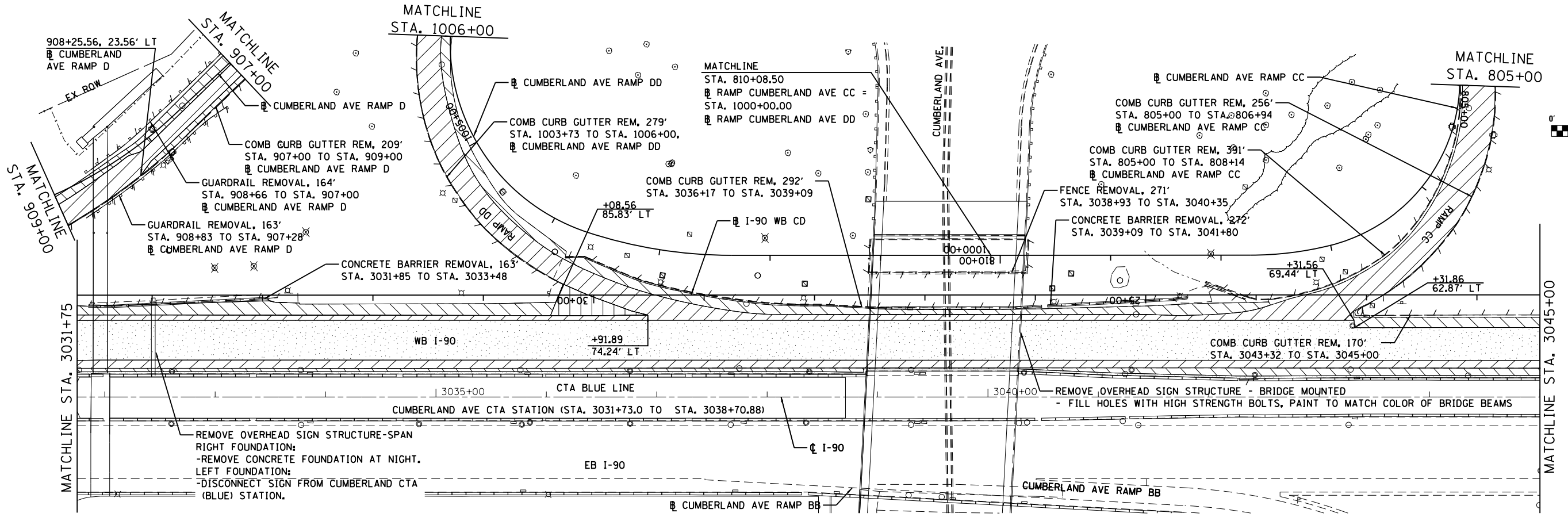
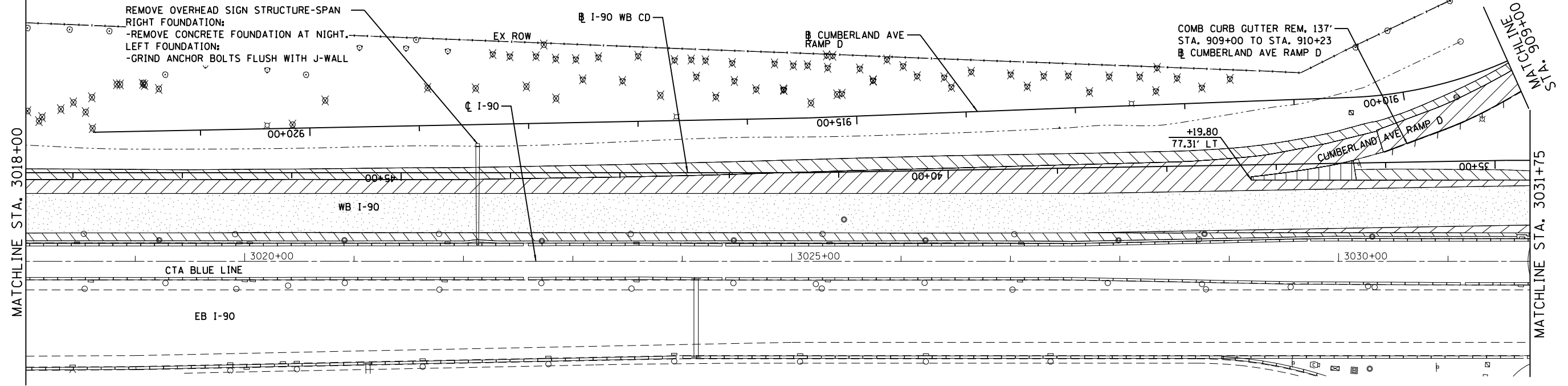
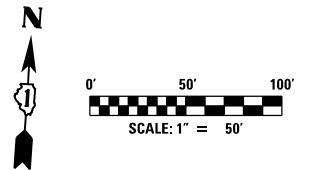
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-2	COOK	734	67
CONTRACT NO. 60Y39				
ILLINOIS FED. AID PROJECT				



REMOVAL LEGEND



NOTES:
 1. ALL STATION AND OFFSET MEASUREMENTS OFF C I-90 UNLESS OTHERWISE NOTED.
 2. SEE LIGHTING PLANS, DRAINAGE PLANS, AND PAVEMENT MARKING AND SIGNING PLANS FOR ADDITIONAL REMOVALS NOT SHOWN ON THIS PLAN.

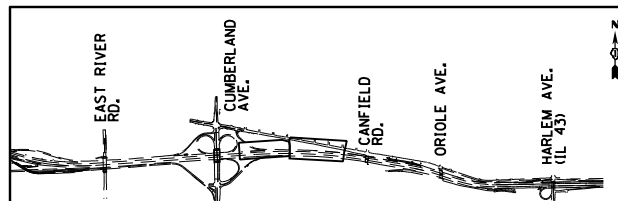


USER NAME = mksrby	DESIGNED MJK	REVISED -
DRAWN BAJ	REVISED -	
PLOT SCALE = 24.00' / Ft.	CHECKED MAM	REVISED -
PLOT DATE = 3/6/2018	DATE 01/19/2018	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

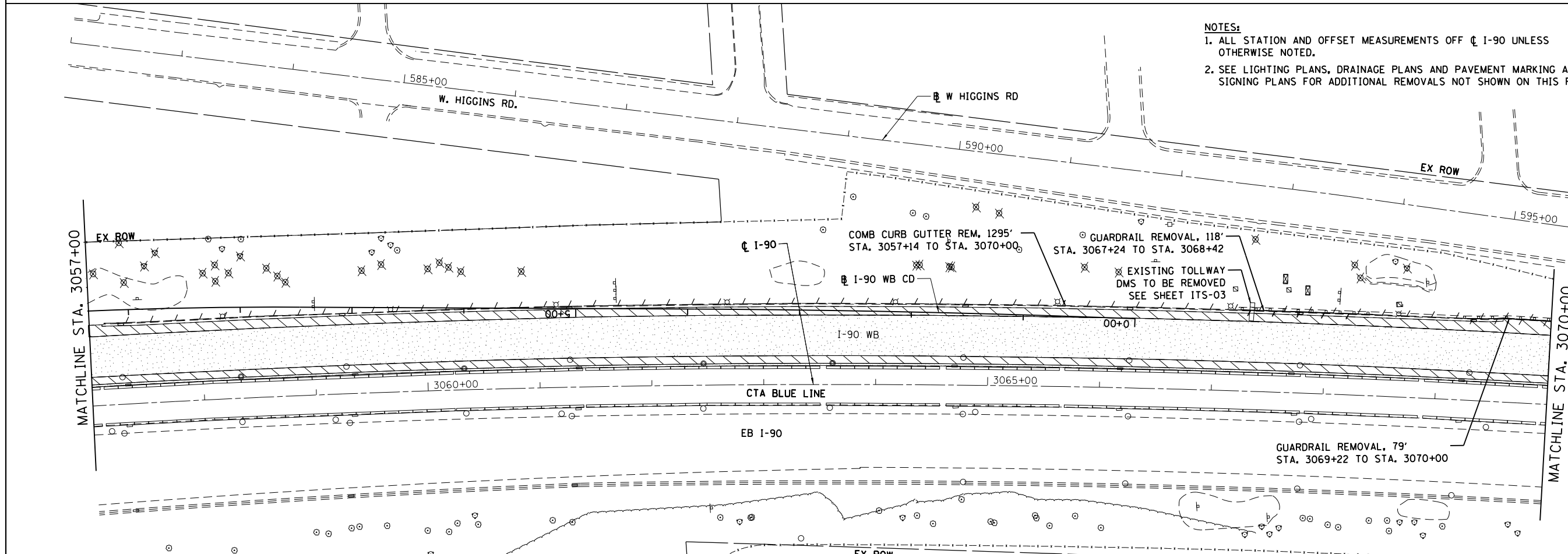
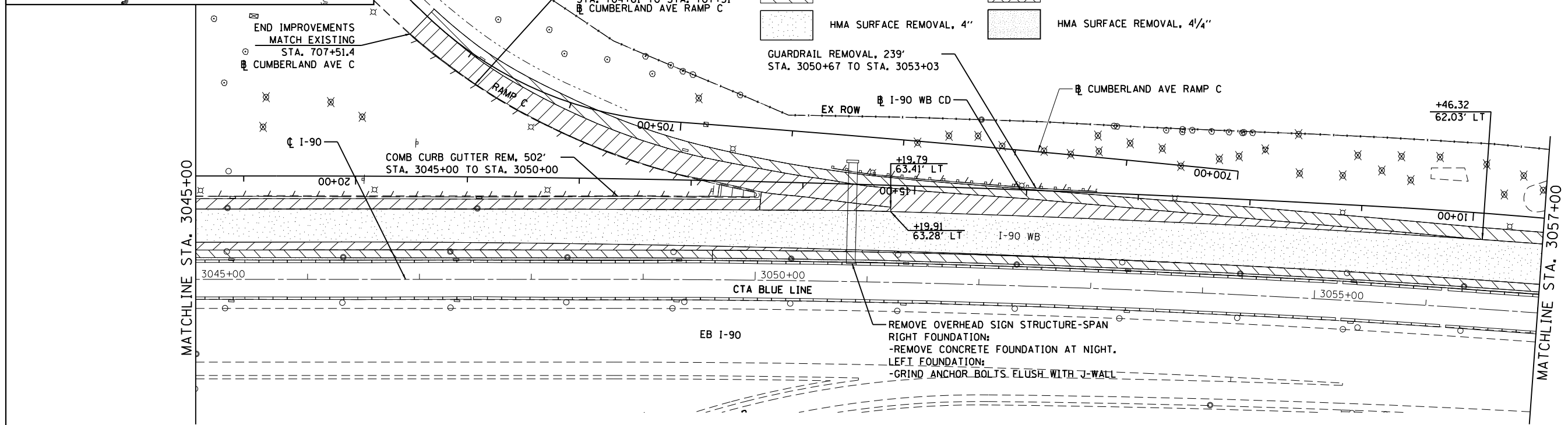
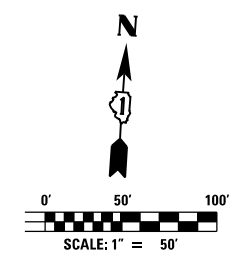
**I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
 REMOVAL PLAN**
 SCALE: 1"=50' SHEET NO. 2 OF 6 SHEETS STA. 3018+00 TO STA. 3045+00

F.A.I. RTE. 90	SECTION (1517 & 1415) R-2	COUNTY COOK	TOTAL SHEETS 734	SHEET NO. 68
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y39	

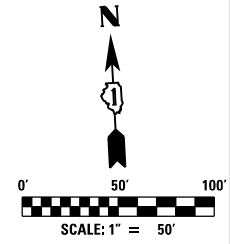


REMOVAL LEGEND

- PAVEMENT REMOVAL
- MEDIAN REMOVAL
- LINEAR ITEM REMOVAL
- SHOULDER REMOVAL
- PAVED DITCH REMOVAL
- ITEM REMOVAL
- HMA SURFACE REMOVAL, 4"
- HMA SURFACE REMOVAL, 4 1/4"



- NOTES:**
1. ALL STATION AND OFFSET MEASUREMENTS OFF ϕ I-90 UNLESS OTHERWISE NOTED.
 2. SEE LIGHTING PLANS, DRAINAGE PLANS AND PAVEMENT MARKING AND SIGNING PLANS FOR ADDITIONAL REMOVALS NOT SHOWN ON THIS PLAN.

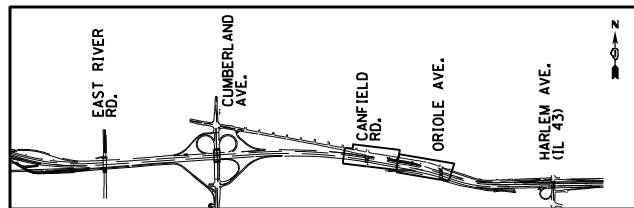


USER NAME = mksrby	DESIGNED MJK	REVISED -
DRAWN BAJ	REVISED -	
CHECKED MAM	REVISED -	
DATE 01/19/2018	REVISED -	

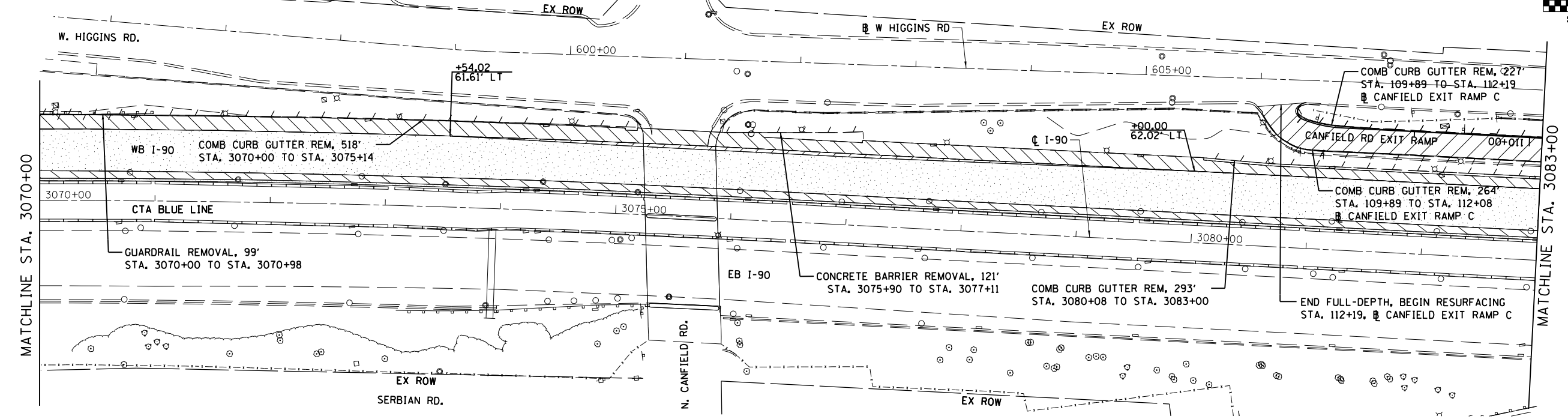
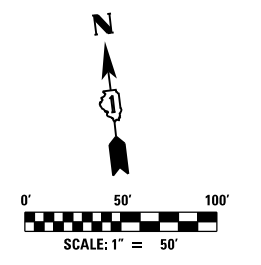
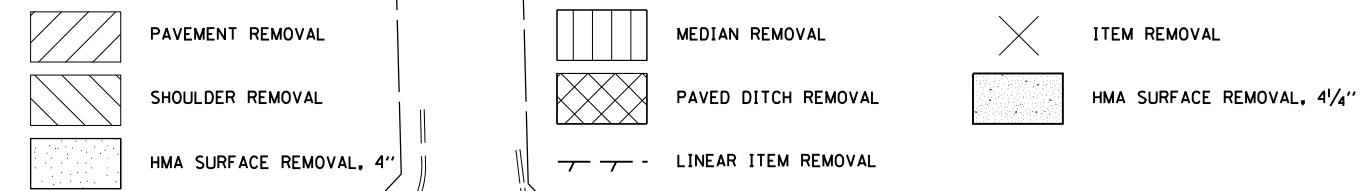
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
REMOVAL PLAN**

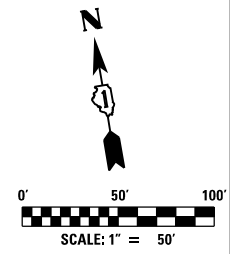
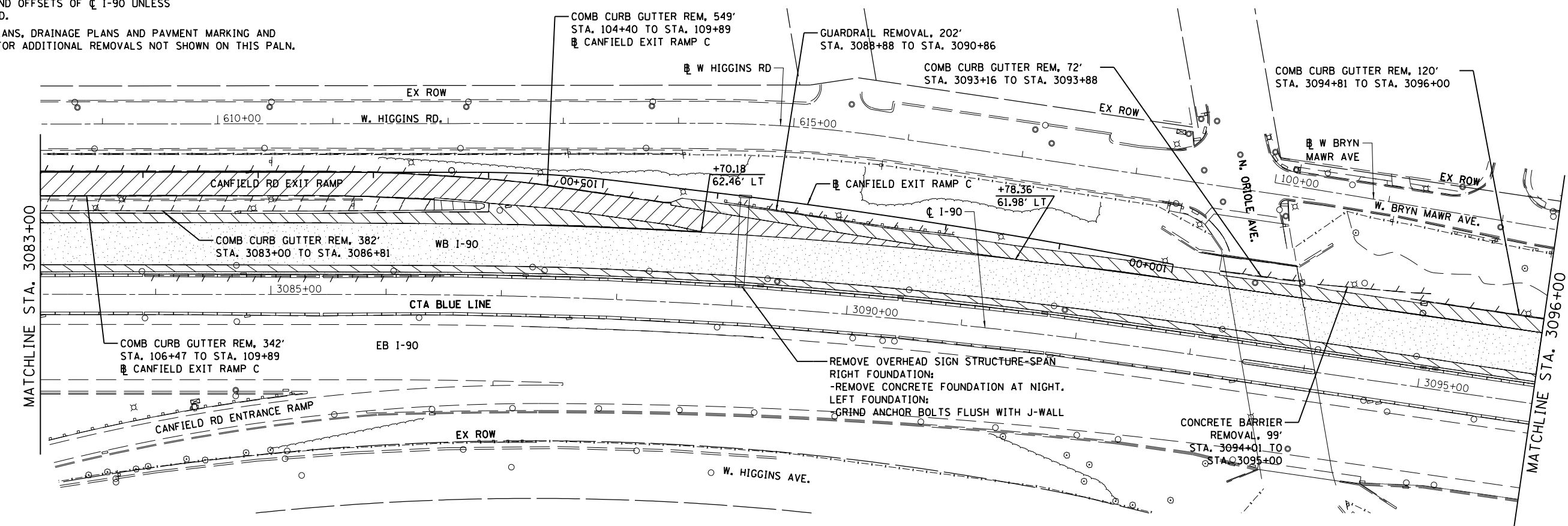
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-2	COOK	734	69
CONTRACT NO. 60Y39				
ILLINOIS FED. AID PROJECT				



REMOVAL LEGEND



- NOTES:**
1. ALL STATIONS AND OFFSETS OF ϕ I-90 UNLESS OTHERWISE NOTED.
 2. SEE LIGHTING PLANS, DRAINAGE PLANS AND PAVMENT MARKING AND SIGNING PLANS FOR ADDITIONAL REMOVALS NOT SHOWN ON THIS PLAN.



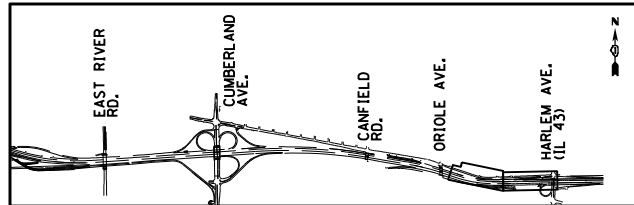
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DRAWN BAJ	REVISED -	
PLOT SCALE = 2.00" / 1" =	CHECKED MAM	REVISED -
PLOT DATE = 1/29/2018	DATE 01/19/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
REMOVAL PLAN**

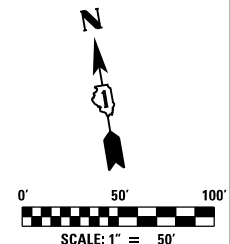
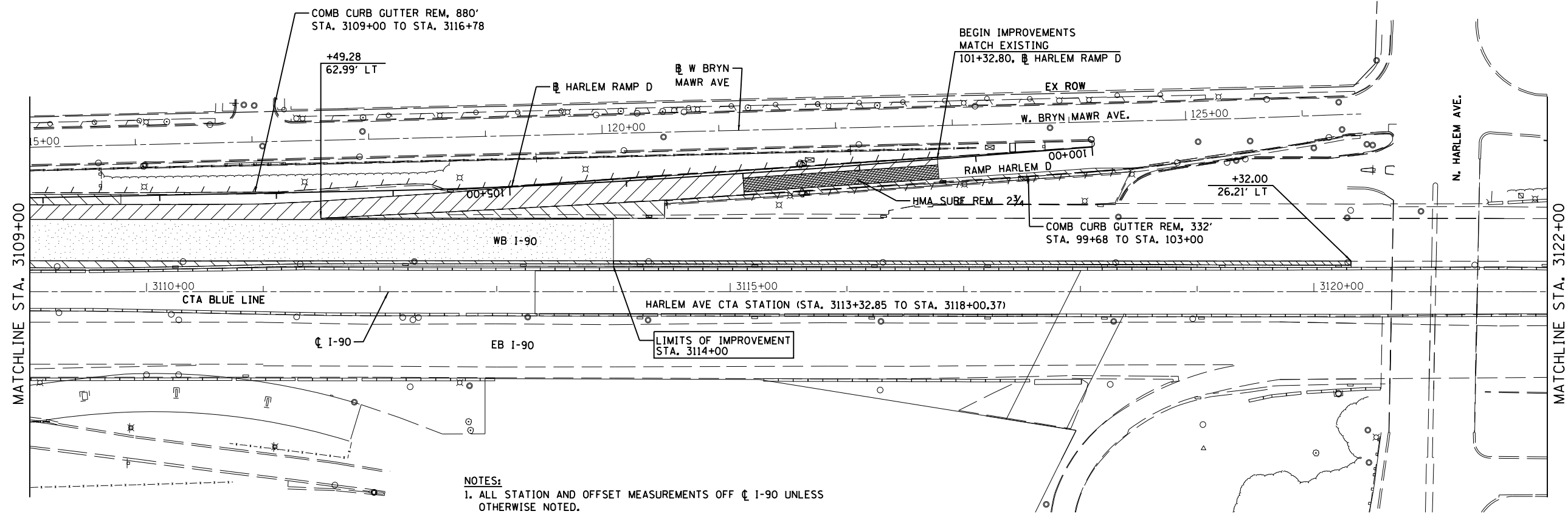
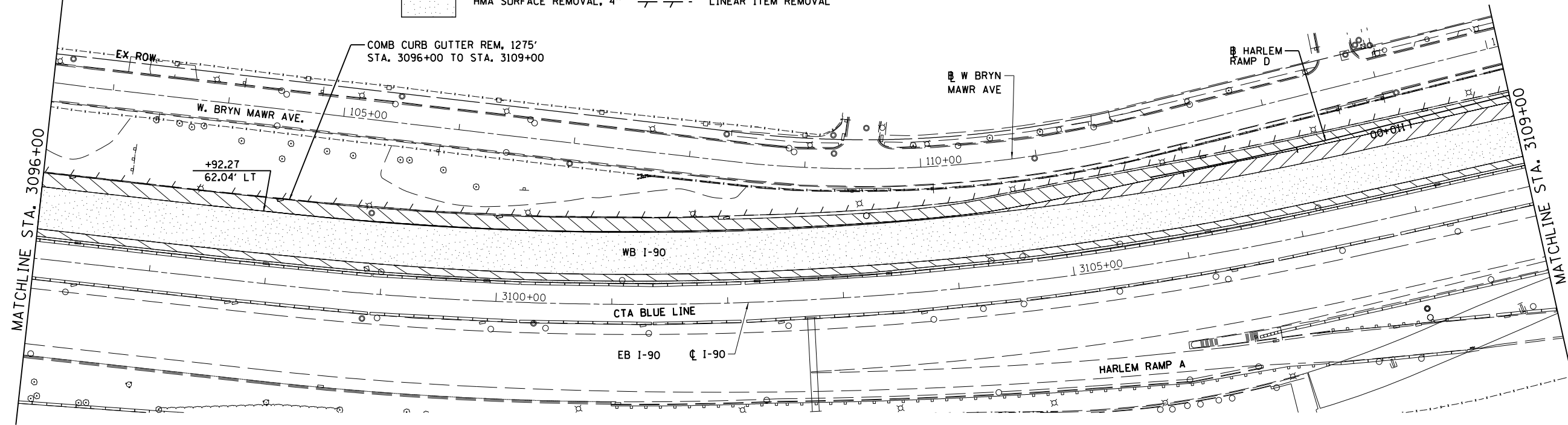
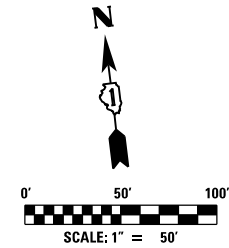
SCALE: 1"=50' SHEET NO. 4 OF 6 SHEETS STA. 3070+00 TO STA. 3096+00

F.A.I. RTE. 90	SECTION (1517 & 1415) R-2	COUNTY COOK	TOTAL SHEETS 734	SHEET NO. 70
ILLINOIS FED. AID PROJECT				CONTRACT NO. 60Y39



REMOVAL LEGEND

- PAVEMENT REMOVAL
- MEDIAN REMOVAL
- ITEM REMOVAL
- SHOULDER REMOVAL
- PAVED DITCH REMOVAL
- HMA SURFACE REMOVAL, 4"
- HMA SURFACE REMOVAL, 4 1/4"
- LINEAR ITEM REMOVAL



- NOTES:**
1. ALL STATION AND OFFSET MEASUREMENTS OFF ϕ I-90 UNLESS OTHERWISE NOTED.
 2. SEE LIGHTING PLANS, DRAINAGE PLANS, AND PAVEMENT MARKING AND SIGNING PLANS FOR ADDITIONAL REMOVALS NOT SHOWN ON THIS PLAN.



USER NAME = mksrby	DESIGNED MJK	REVISED -
	DRAWN BAJ	REVISED -
PLOT SCALE = 2.00" / in.	CHECKED MAM	REVISED -
PLOT DATE = 1/29/2018	DATE 01/19/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
REMOVAL PLAN**

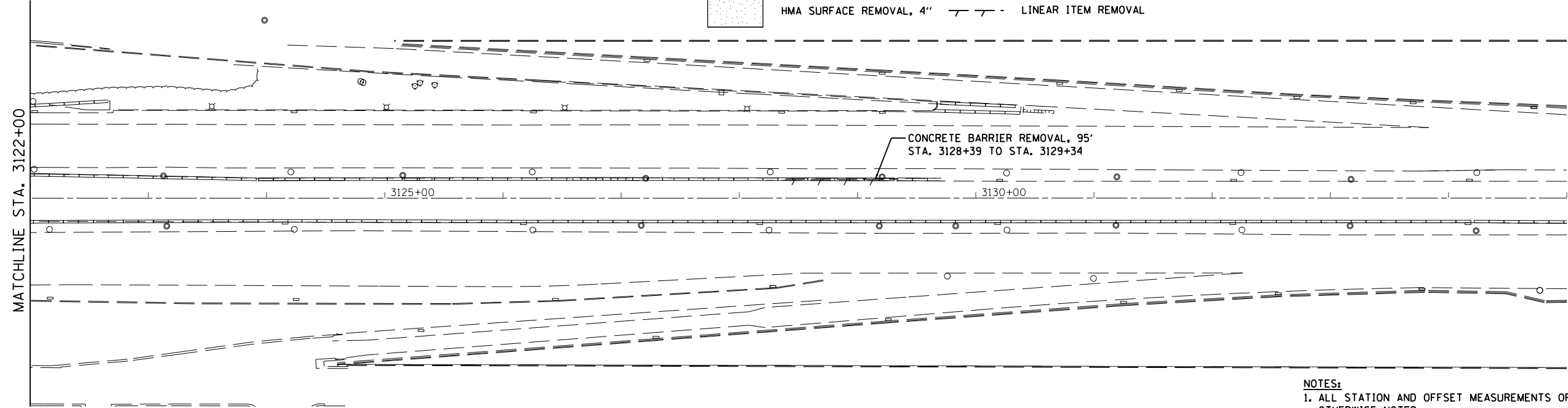
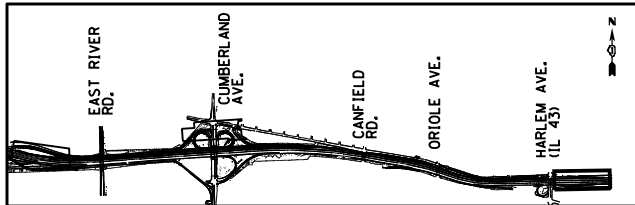
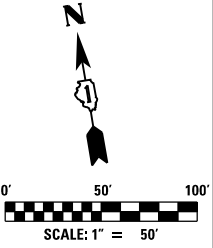
SCALE: 1"=50' SHEET NO. 5 OF 6 SHEETS STA. 3096+00 TO STA. 3114+00

F.A.I. RTE. 90	SECTION (1517 & 1415) R-2	COUNTY COOK	TOTAL SHEETS 734	SHEET NO. 71
CONTRACT NO. 60Y39				ILLINOIS FED. AID PROJECT

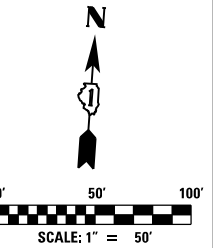
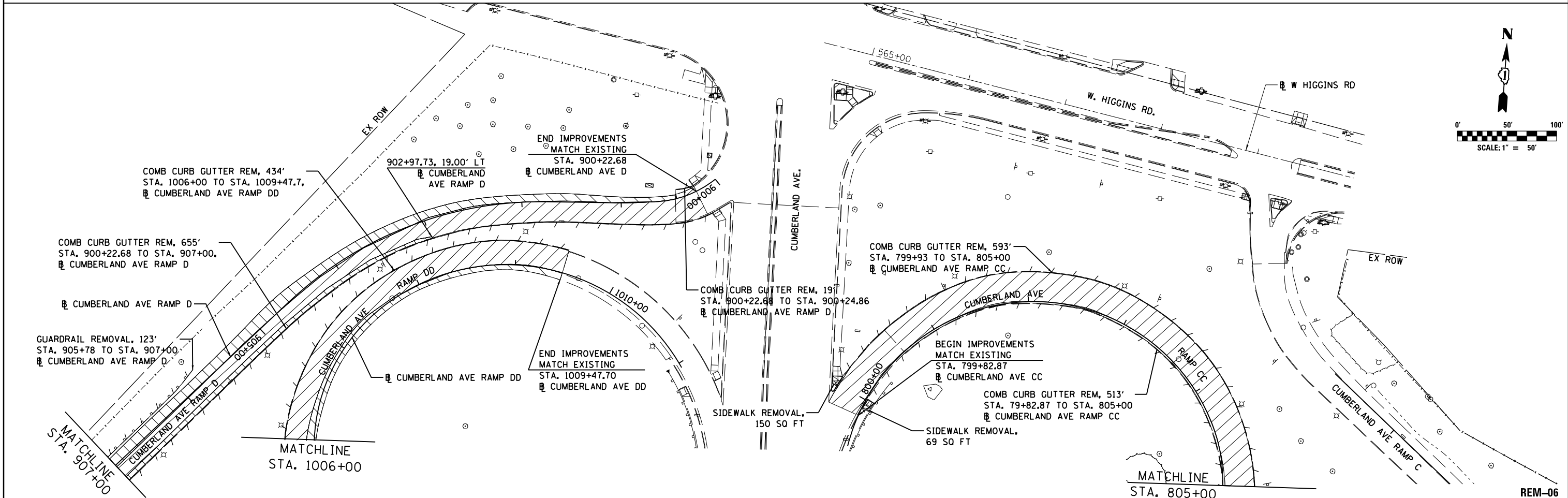
REM-05

REMOVAL LEGEND

	PAVEMENT REMOVAL		MEDIAN REMOVAL		ITEM REMOVAL
	SHOULDER REMOVAL		PAVED DITCH REMOVAL		HMA SURFACE REMOVAL, 4 1/4"
	HMA SURFACE REMOVAL, 4"		LINEAR ITEM REMOVAL		



- NOTES:**
1. ALL STATION AND OFFSET MEASUREMENTS OFF CL I-90 UNLESS OTHERWISE NOTED.
 2. SEE LIGHTING PLANS, DRAINAGE PLANS, AND PAVEMENT AND SIGNING PLANS FOR ADDITIONAL REMOVALS NOT SHOWN ON THIS PLAN.



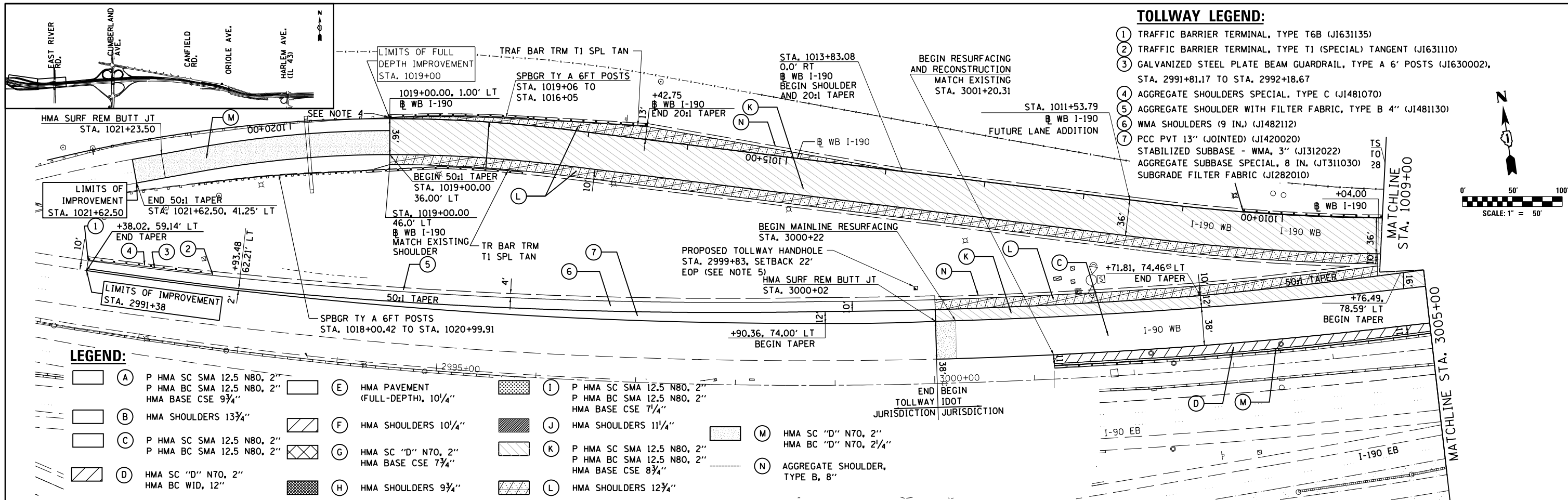
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DRAWN BAJ	REVISED -	
CHECKED MAM	REVISED -	
DATE 01/19/2018	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

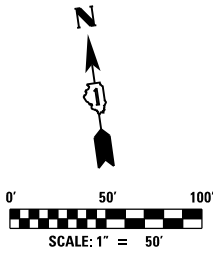
**I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
REMOVAL PLAN**

SCALE: 1"=50' SHEET NO. 6 OF 6 SHEETS STA. 570+00 TO STA. 582+00

F.A.I. RTE. 90	SECTION (1517 & 1415) R-2	COUNTY COOK	TOTAL SHEETS 650	SHEET NO. 72
			CONTRACT NO. 60Y39	
ILLINOIS FED. AID PROJECT				



- TOLLWAY LEGEND:**
- ① TRAFFIC BARRIER TERMINAL, TYPE T6B (JI631135)
 - ② TRAFFIC BARRIER TERMINAL, TYPE T1 (SPECIAL) TANGENT (JI631110)
 - ③ GALVANIZED STEEL PLATE BEAM GUARDRAIL, TYPE A 6' POSTS (JI630002), STA. 2991+81.17 TO STA. 2992+18.67
 - ④ AGGREGATE SHOULDERS SPECIAL, TYPE C (JI481070)
 - ⑤ AGGREGATE SHOULDER WITH FILTER FABRIC, TYPE B 4" (JI481130)
 - ⑥ WMA SHOULDERS (9 IN.) (JI482112)
 - ⑦ PCC PVT 13" (JOINTED) (JI420020)
 - ⑧ STABILIZED SUBBASE - WMA, 3" (JI312022)
 - ⑨ AGGREGATE SUBBASE SPECIAL, 8 IN. (JT311030)
 - ⑩ SUBGRADE FILTER FABRIC (JI282010)

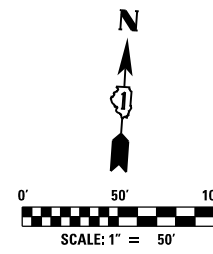
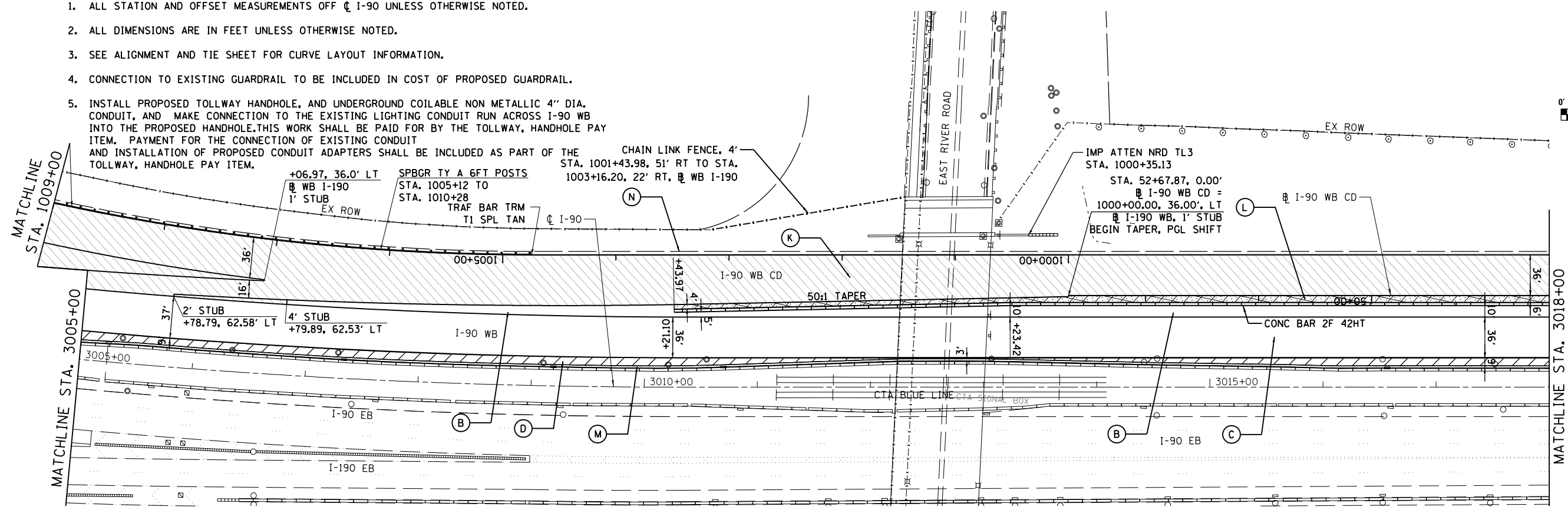


LEGEND:

- | | | | | |
|---|---|---|---|---|
| <ul style="list-style-type: none"> Ⓐ P HMA SC SMA 12.5 N80, 2" Ⓑ HMA SHOULDERS 13 3/4" Ⓒ P HMA SC SMA 12.5 N80, 2" Ⓓ HMA SC "D" N70, 2" | <ul style="list-style-type: none"> Ⓔ P HMA SC SMA 12.5 N80, 2" Ⓕ HMA SHOULDERS 11 1/4" Ⓖ HMA SHOULDERS 10 1/4" Ⓗ HMA SHOULDERS 9 3/4" | <ul style="list-style-type: none"> Ⓘ P HMA BC SMA 12.5 N80, 2" Ⓚ P HMA SC SMA 12.5 N80, 2" Ⓛ HMA SHOULDERS 12 3/4" | <ul style="list-style-type: none"> Ⓝ HMA BC SMA 12.5 N80, 2" Ⓞ HMA BC SMA 12.5 N80, 2" Ⓟ HMA BC SMA 12.5 N80, 2" Ⓠ HMA BC SMA 12.5 N80, 2" Ⓡ HMA SC "D" N70, 2" Ⓢ HMA SC "D" N70, 2" Ⓣ HMA SC "D" N70, 2" Ⓤ HMA SC "D" N70, 2" Ⓡ HMA SHOULDERS 11 1/4" Ⓚ P HMA SC SMA 12.5 N80, 2" Ⓛ HMA SHOULDERS 12 3/4" | <ul style="list-style-type: none"> Ⓜ HMA SC "D" N70, 2" Ⓝ HMA BC SMA 12.5 N80, 2" Ⓞ AGGREGATE SHOULDER, TYPE B, 8" |
|---|---|---|---|---|

NOTES:

1. ALL STATION AND OFFSET MEASUREMENTS OFF C I-90 UNLESS OTHERWISE NOTED.
2. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
3. SEE ALIGNMENT AND TIE SHEET FOR CURVE LAYOUT INFORMATION.
4. CONNECTION TO EXISTING GUARDRAIL TO BE INCLUDED IN COST OF PROPOSED GUARDRAIL.
5. INSTALL PROPOSED TOLLWAY HANDHOLE, AND UNDERGROUND COILABLE NON METALLIC 4" DIA. CONDUIT, AND MAKE CONNECTION TO THE EXISTING LIGHTING CONDUIT RUN ACROSS I-90 WB INTO THE PROPOSED HANDHOLE. THIS WORK SHALL BE PAID FOR BY THE TOLLWAY, HANDHOLE PAY ITEM. PAYMENT FOR THE CONNECTION OF EXISTING CONDUIT AND INSTALLATION OF PROPOSED CONDUIT ADAPTERS SHALL BE INCLUDED AS PART OF THE TOLLWAY, HANDHOLE PAY ITEM.



USER NAME = mksrby	DESIGNED MJK	REVISED -
	DRAWN BAJ	REVISED -
PLOT SCALE = 2.00" / in.	CHECKED MAM	REVISED -
PLOT DATE = 1/29/2018	DATE 01/19/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

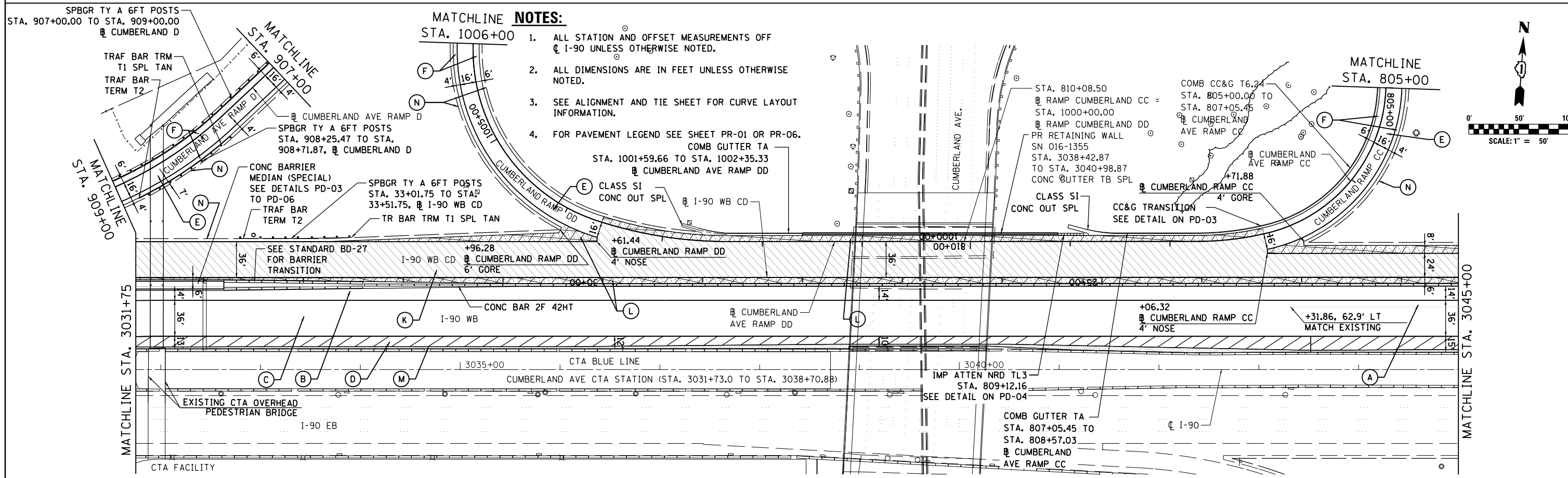
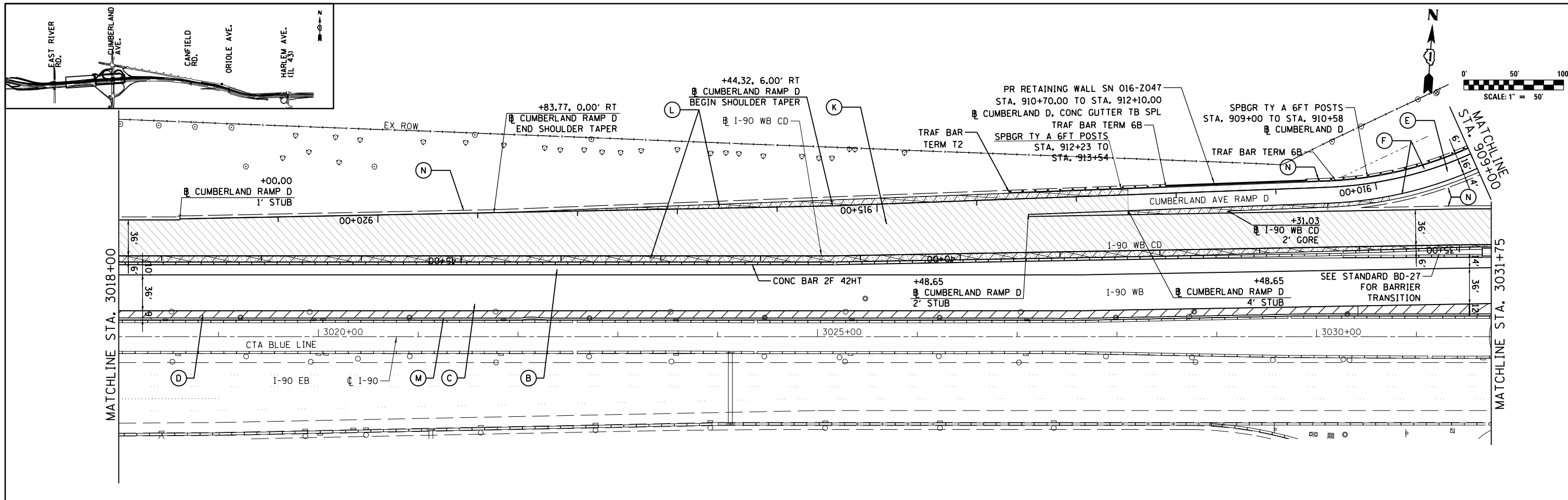
**I-90 WESTBOUND FROM HARLEM AVE TO I-90 INTERCHANGE
PROPOSED PLAN**

SCALE: 1"=50' SHEET NO. 1 OF 6 SHEETS STA. 2290+90 TO STA. 3108+00

F.A.I. RTE. 90	SECTION (1517 & 1415) R-2	COUNTY COOK	TOTAL SHEETS 734	SHEET NO. 73
CONTRACT NO. 60Y39				
ILLINOIS FED. AID PROJECT				

PR-01

FILE NAME = ...D160Y39-sht-p1.dgn



- MATCHLINE NOTES:**
1. ALL STATION AND OFFSET MEASUREMENTS OFF ϕ I-90 UNLESS OTHERWISE NOTED.
 2. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
 3. SEE ALIGNMENT AND TIE SHEET FOR CURVE LAYOUT INFORMATION.
 4. FOR PAVEMENT LEGEND SEE SHEET PR-01 OR PR-06.



USER NAME = mksrby	DESIGNED MJK	REVISED -
	DRAWN BAJ	REVISED -
PLOT SCALE = 2.00" / 1"	CHECKED MAM	REVISED -
PLOT DATE = 1/29/2018	DATE 01/19/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

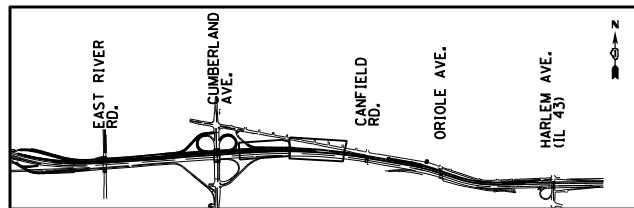
I-90 WESTBOUND FROM HARLEM AVE TO I-90 INTERCHANGE
PROPOSED PLAN

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-2	COOK	734	74
CONTRACT NO. 60Y39				
ILLINOIS FED. AID PROJECT				

FILE NAME = ...D168Y39-sht-pln2.dgn

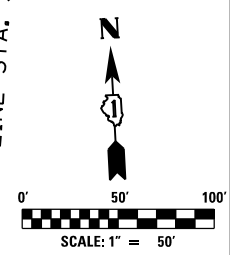
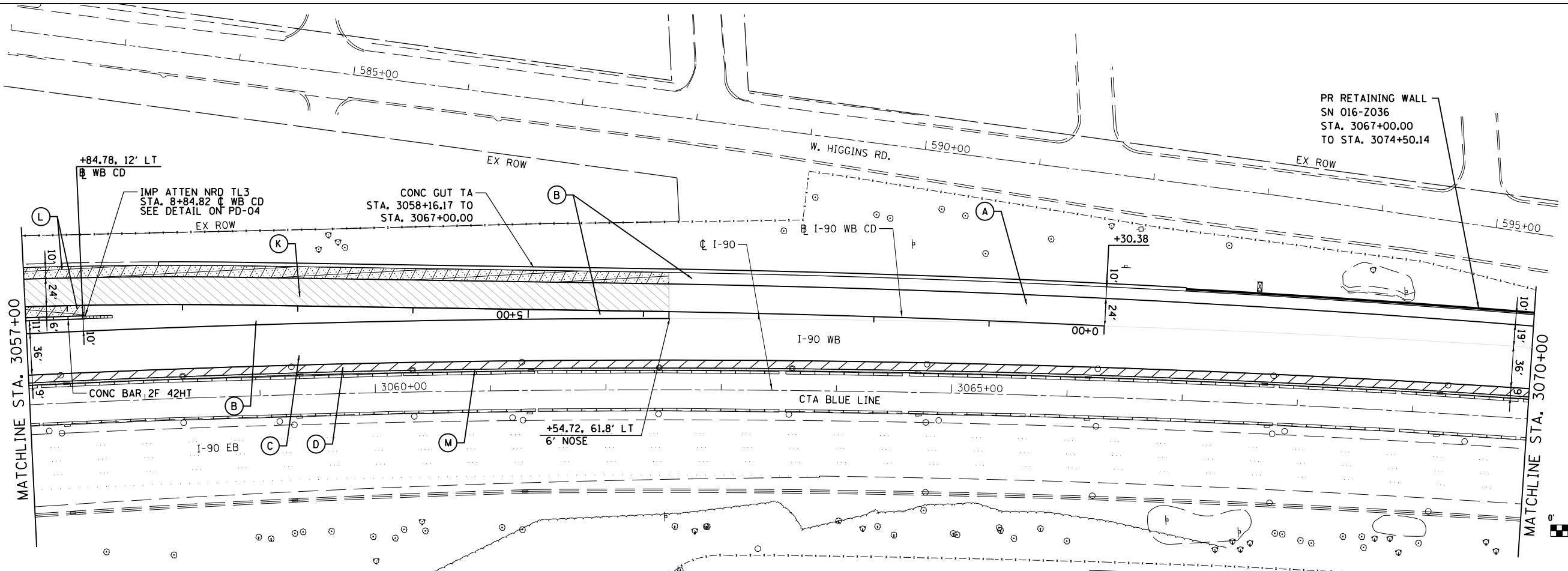
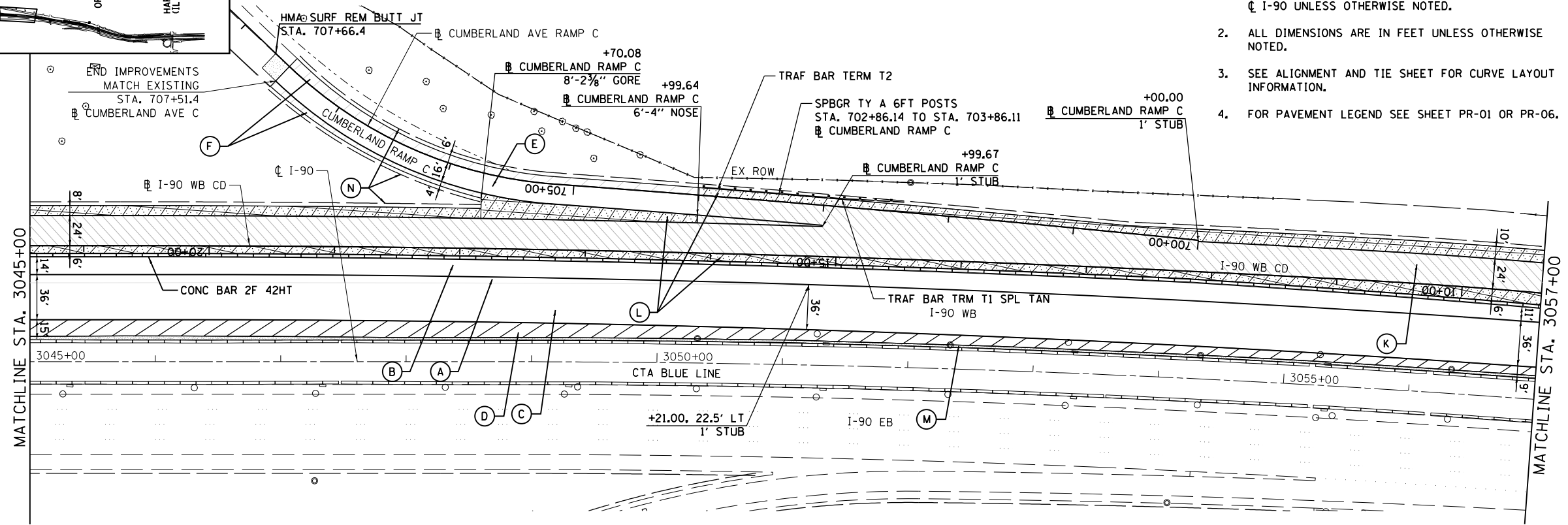
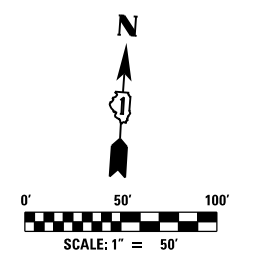
SCALE: 1"=50' SHEET NO. 2 OF 6 SHEETS STA. 3018+00 TO STA. 3045+00

PR-02



NOTES:

1. ALL STATION AND OFFSET MEASUREMENTS OFF ϕ I-90 UNLESS OTHERWISE NOTED.
2. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
3. SEE ALIGNMENT AND TIE SHEET FOR CURVE LAYOUT INFORMATION.
4. FOR PAVEMENT LEGEND SEE SHEET PR-01 OR PR-06.



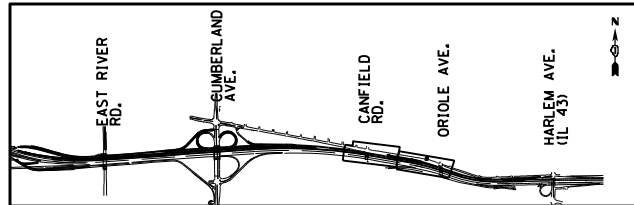
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PLOT SCALE = 2.00" / in.	DRAWN BAJ	REVISD -
PLOT DATE = 1/29/2018	CHECKED MAM	REVISD -
	DATE 01/19/2018	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
PROPOSED PLAN**

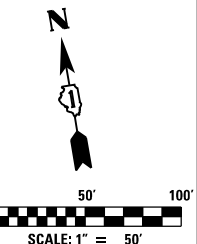
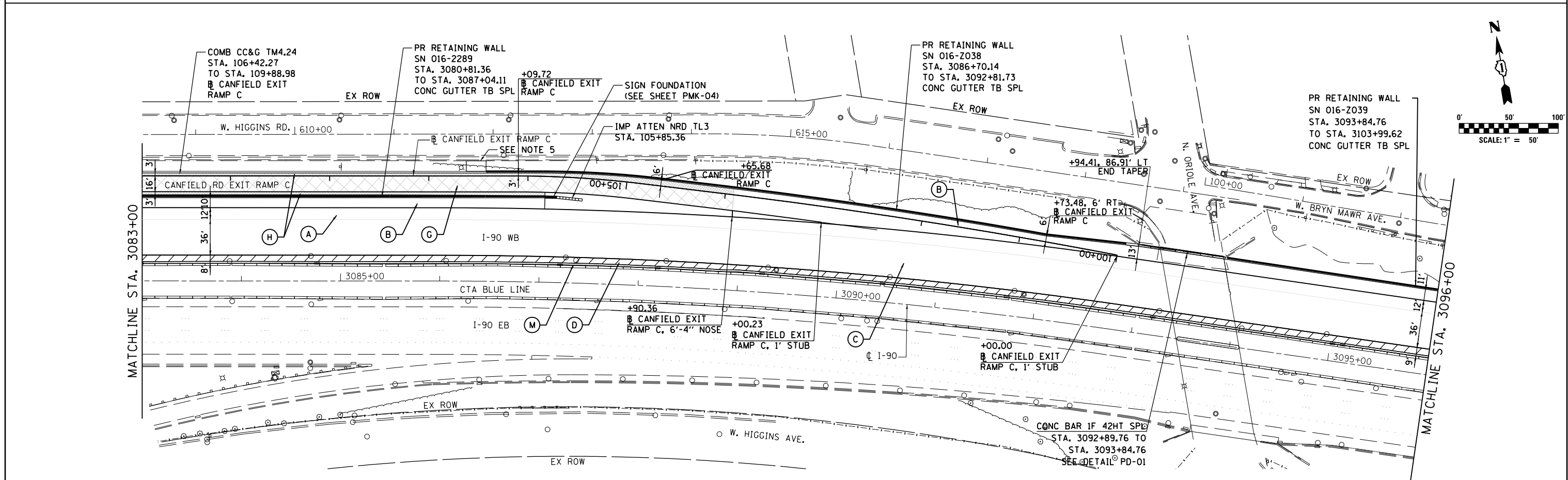
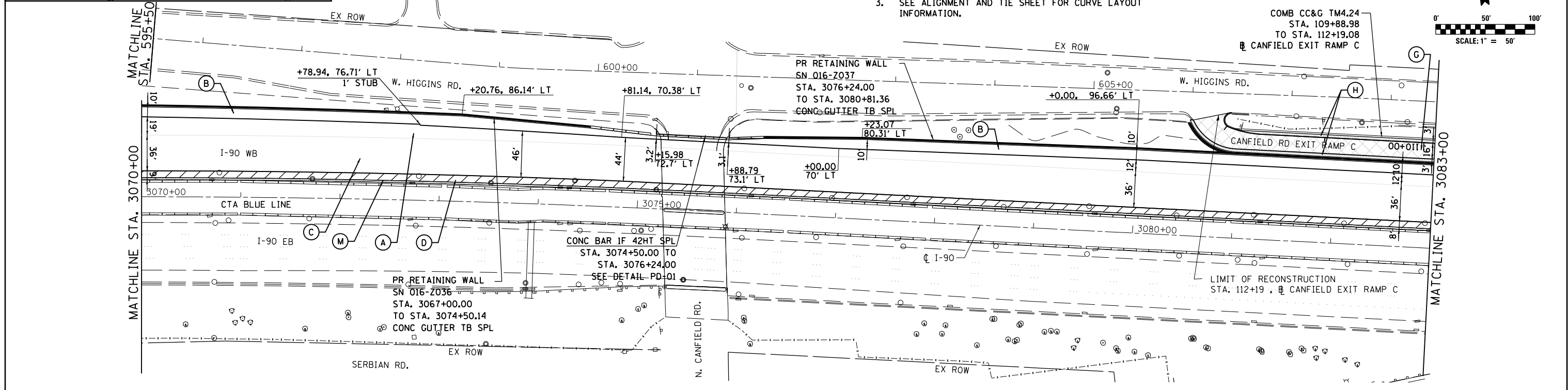
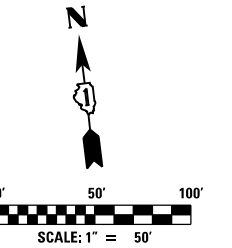
SCALE: 1"=50' SHEET NO. 3 OF 6 SHEETS STA. 3045+00 TO STA. 3070+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-2	COOK	734	75
CONTRACT NO. 60Y39				
ILLINOIS FED. AID PROJECT				



NOTES:

1. ALL STATION AND OFFSET MEASUREMENTS OFF CL I-90 UNLESS OTHERWISE NOTED.
2. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
3. SEE ALIGNMENT AND TIE SHEET FOR CURVE LAYOUT INFORMATION.
4. FOR PAVEMENT LEGEND SEE SHEET PR-01 OR PR-06.
5. MAINTENANCE ACCESS TO RETAINING WALL 20' WIDE CONC MED SURF, 6" AGG SUBGRADE, 12"



USER NAME = mksrby	DESIGNED MJK	REVISED -
	DRAWN BAJ	REVISED -
PLOT SCALE = 2.00" / 1"	CHECKED MAM	REVISED -
PLOT DATE = 1/29/2018	DATE 01/19/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

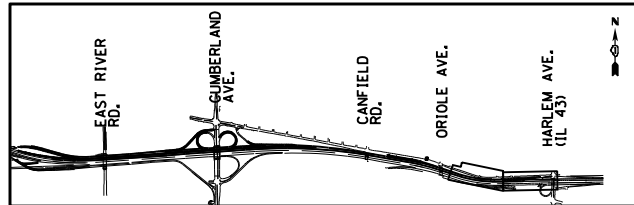
**I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
PROPOSED PLAN**

SCALE: 1"=50' SHEET NO. 4 OF 6 SHEETS STA. 3070+00 TO STA. 3096+00

F.A.I. RTE. 90	SECTION (1517 & 1415) R-2	COUNTY COOK	TOTAL SHEETS 734	SHEET NO. 76
CONTRACT NO. 60Y39				ILLINOIS FED. AID PROJECT

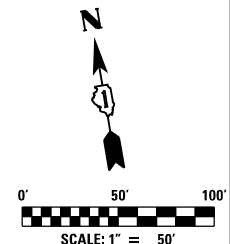
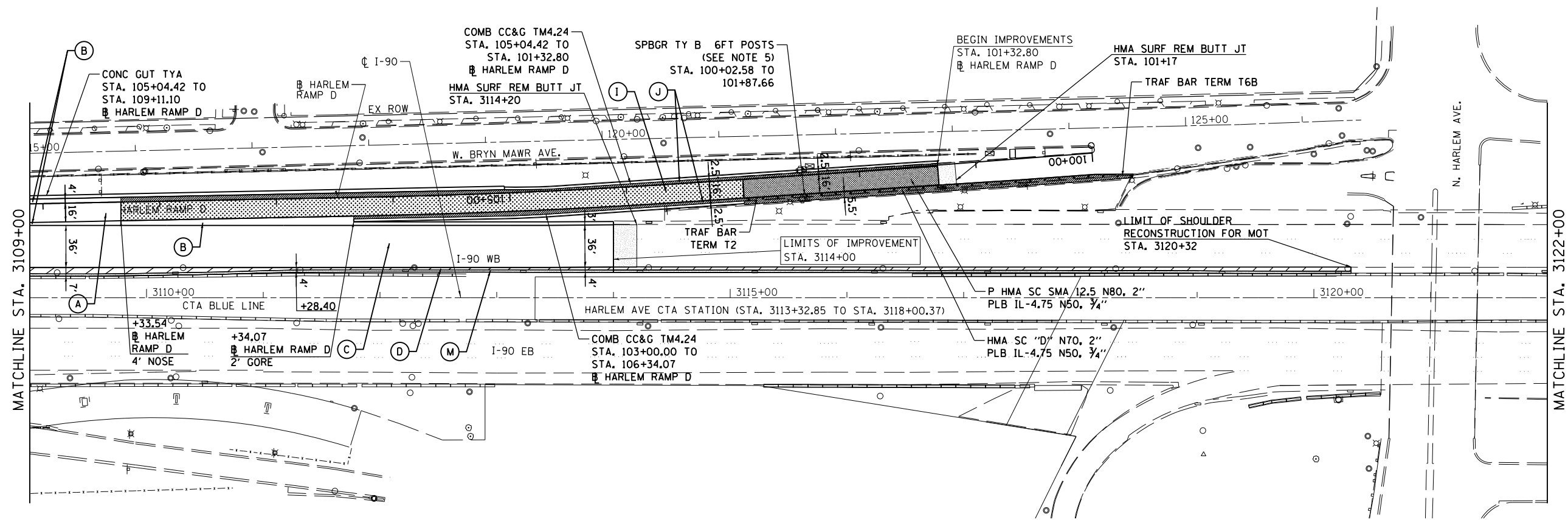
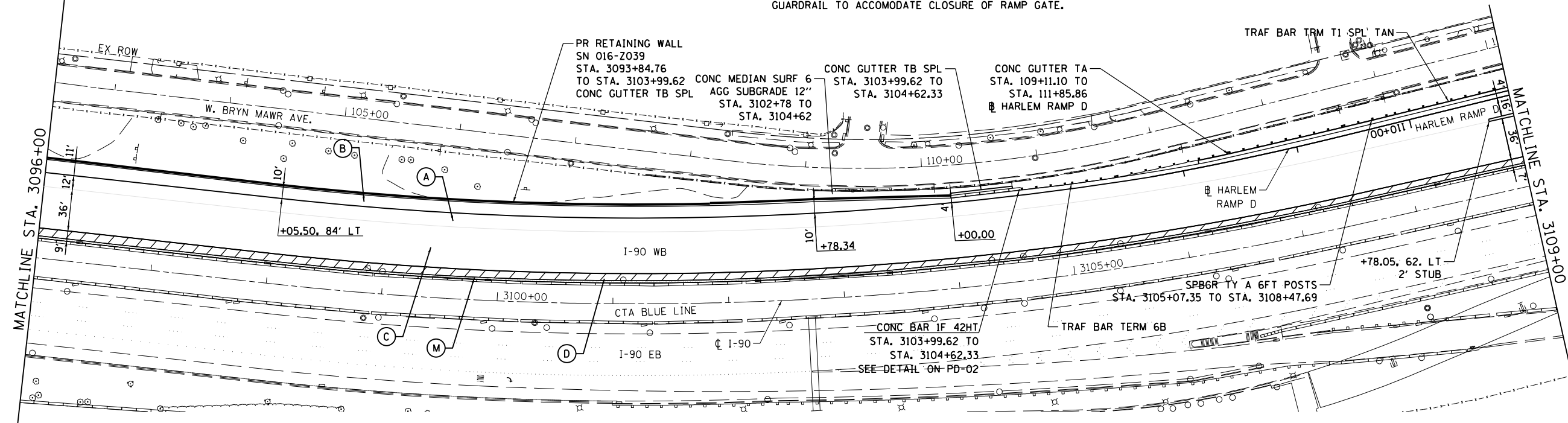
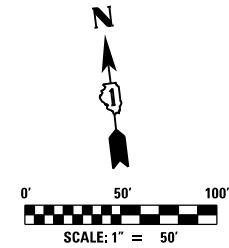
PR-04

FILE NAME = ...D160Y39-sht-pln4.dgn



NOTES:

1. ALL STATION AND OFFSET MEASUREMENTS OFF \bar{C} I-90 UNLESS OTHERWISE NOTED.
2. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
3. SEE ALIGNMENT AND TIE SHEET FOR CURVE LAYOUT INFORMATION.
4. FOR PAVEMENT LEGEND SEE SHEET PR-01 OR PR-06.
5. FIELD VERIFY GUARDRAIL POST LOCATIONS TO ALLOW FOR ADEQUATE CLEARANCE FOR ITS EQUIPMENT AND LIGHTPOLES. PROVIDE GAP IN GUARDRAIL TO ACCOMMODATE CLOSURE OF RAMP GATE.



USER NAME = mksrby	DESIGNED MJK	REVISED -
	DRAWN BAJ	REVISED -
PLOT SCALE = 2.00" / in.	CHECKED MAM	REVISED -
PLOT DATE = 1/29/2018	DATE 01/19/2018	REVISED -

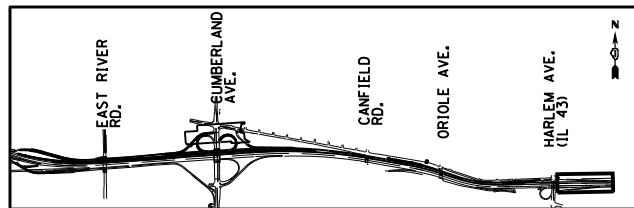
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
PROPOSED PLAN**

SCALE: 1"=50' SHEET NO. 5 OF 6 SHEETS STA. 3096+00 TO STA. 3114+00

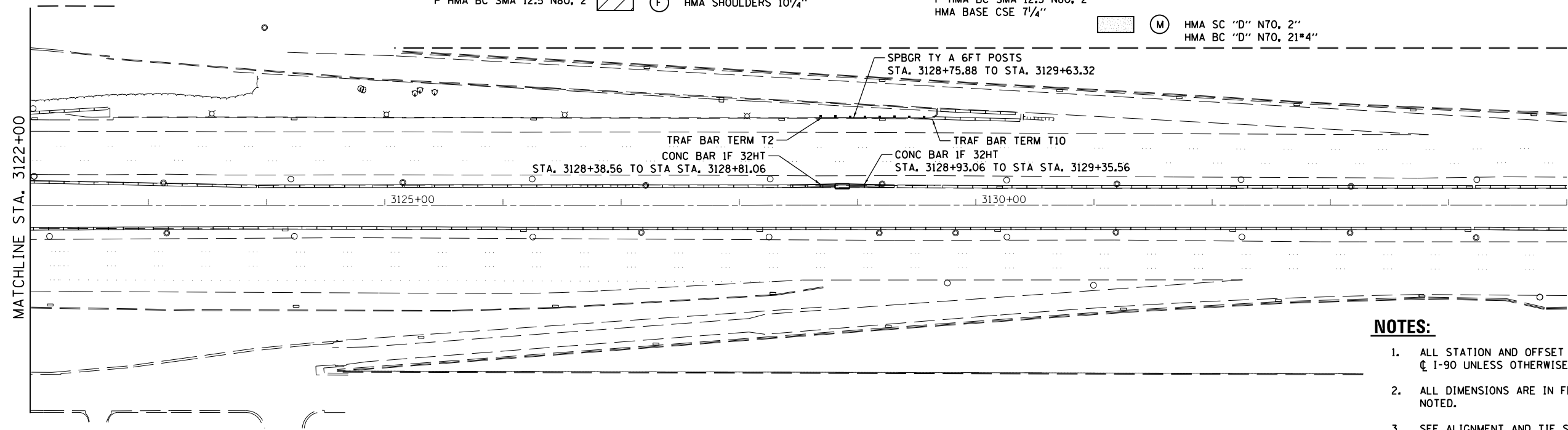
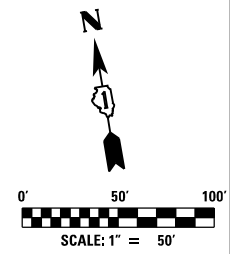
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-2	COOK	734	77
CONTRACT NO. 60Y39				
ILLINOIS FED. AID PROJECT				

PR-05

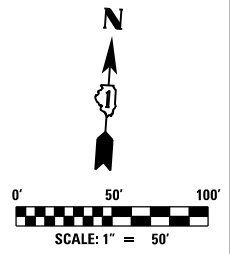
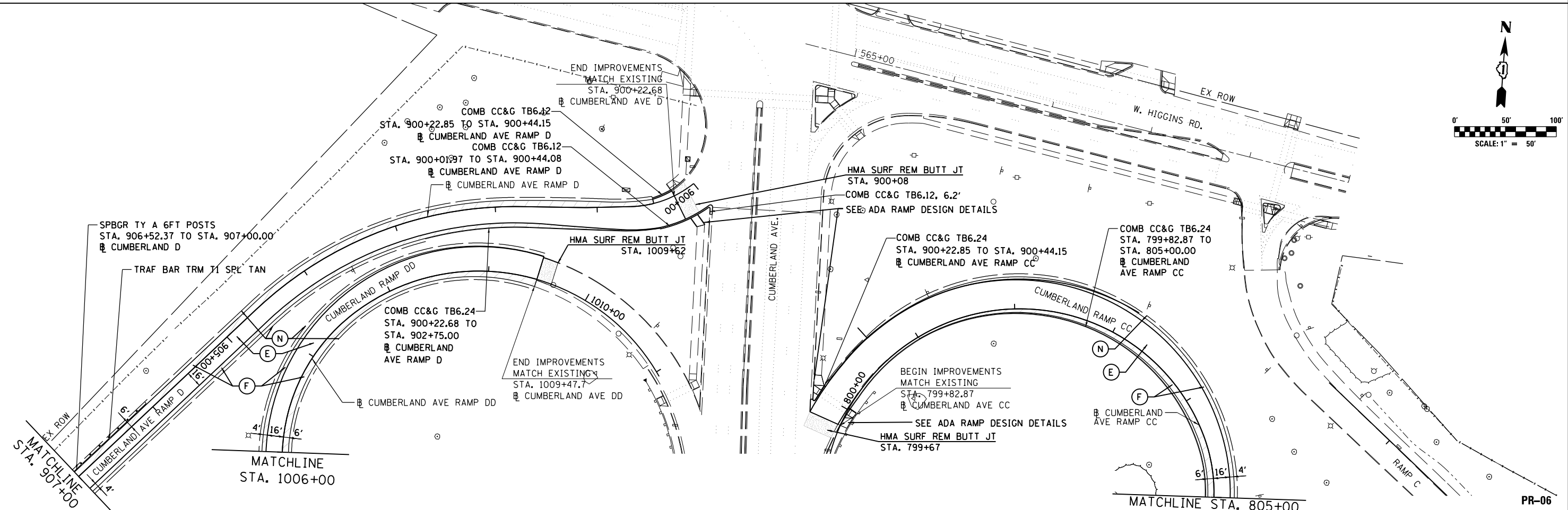


LEGEND:

- | | | | | |
|---|---|---|---|---------------------------------------|
| (A) P HMA SC SMA 12.5 N80, 2"
P HMA BC SMA 12.5 N80, 2"
HMA BASE CSE 9 3/4" | (D) HMA SC "D" N70, 2"
HMA BC WID, 12" | (G) HMA SC "D" N70, 2"
HMA BASE CSE 7 3/4" | (J) HMA SHOULDERS 11 1/4" | (N) AGGREGATE SHOULDER,
TYPE B, 8" |
| (B) HMA SHOULDERS 13 3/4" | (E) HMA PAVEMENT
(FULL-DEPTH), 10 1/4" | (H) HMA SHOULDERS 9 3/4" | (K) P HMA SC SMA 12.5 N80, 2"
P HMA BC SMA 12.5 N80, 2"
HMA BASE CSE 8 3/4" | |
| (C) P HMA SC SMA 12.5 N80, 2"
P HMA BC SMA 12.5 N80, 2" | (F) HMA SHOULDERS 10 1/4" | (I) P HMA SC SMA 12.5 N80, 2"
P HMA BC SMA 12.5 N80, 2"
HMA BASE CSE 7 1/4" | (L) HMA SHOULDERS 12 3/4" | |
| | | | (M) HMA SC "D" N70, 2"
HMA BC "D" N70, 21*4" | |



- NOTES:**
1. ALL STATION AND OFFSET MEASUREMENTS OFF ϕ I-90 UNLESS OTHERWISE NOTED.
 2. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
 3. SEE ALIGNMENT AND TIE SHEET FOR CURVE LAYOUT INFORMATION.



USER NAME = mksrby	DESIGNED MJK	REVISED -
DRAWN BAJ	REVISED -	
PLOT SCALE = 2.00" = 100'	CHECKED MAM	REVISED -
PLOT DATE = 1/29/2018	DATE 01/19/2018	REVISED -

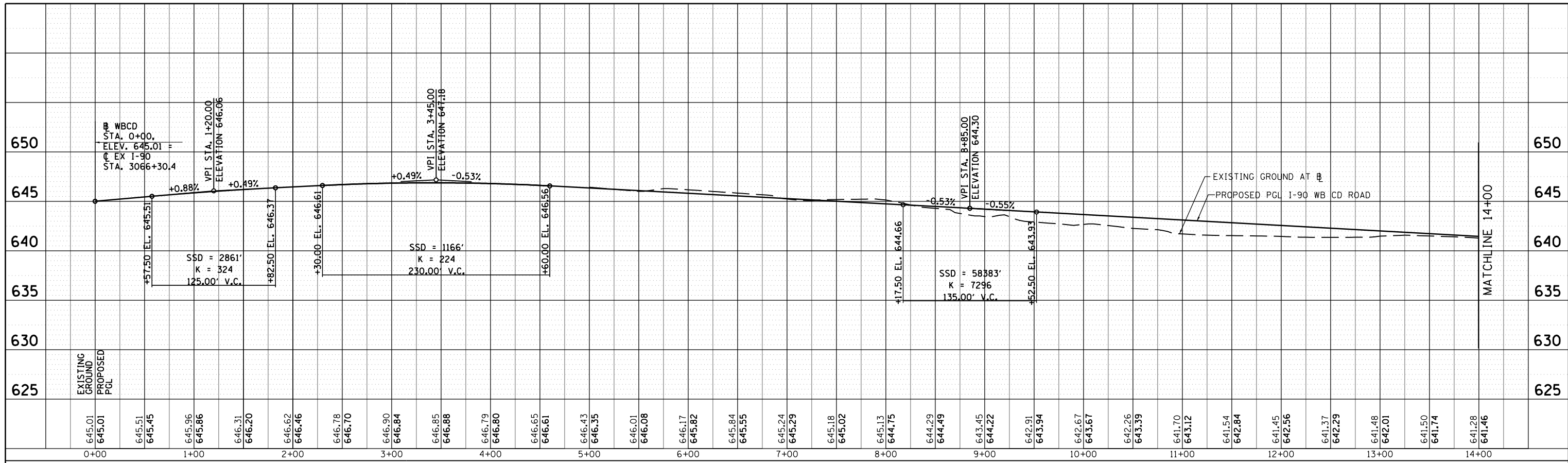
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
PROPOSED PLAN
SCALE: 1"=50' SHEET NO. 6 OF 6 SHEETS STA. 571+00 TO STA. 582+00

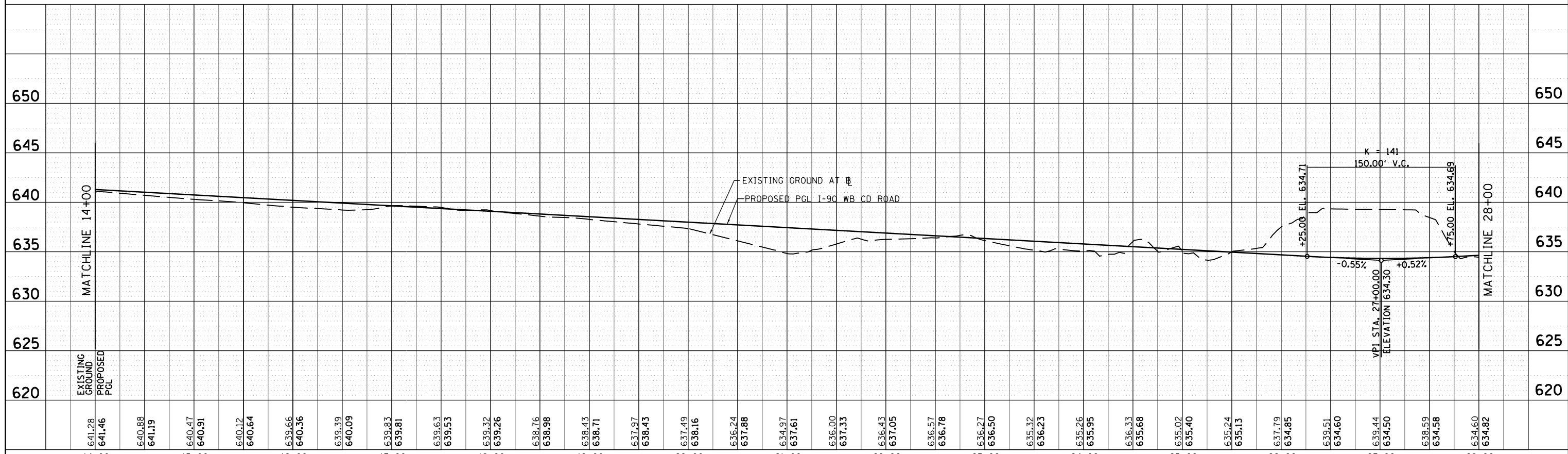
F.A.I. RTE. 90	SECTION (1517 & 1415) R-2	COUNTY COOK	TOTAL SHEETS 734	SHEET NO. 78
CONTRACT NO. 60Y39				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	AT		
	FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	AT		
	FILE NAME		
	NO.		



I-90 WB CD ROAD



USER NAME =	mksrby	DESIGNED	MJK	REVISED	-
		DRAWN	BAJ	REVISED	-
		CHECKED	MAM	REVISED	-
		DATE	01/19/2018	REVISED	-

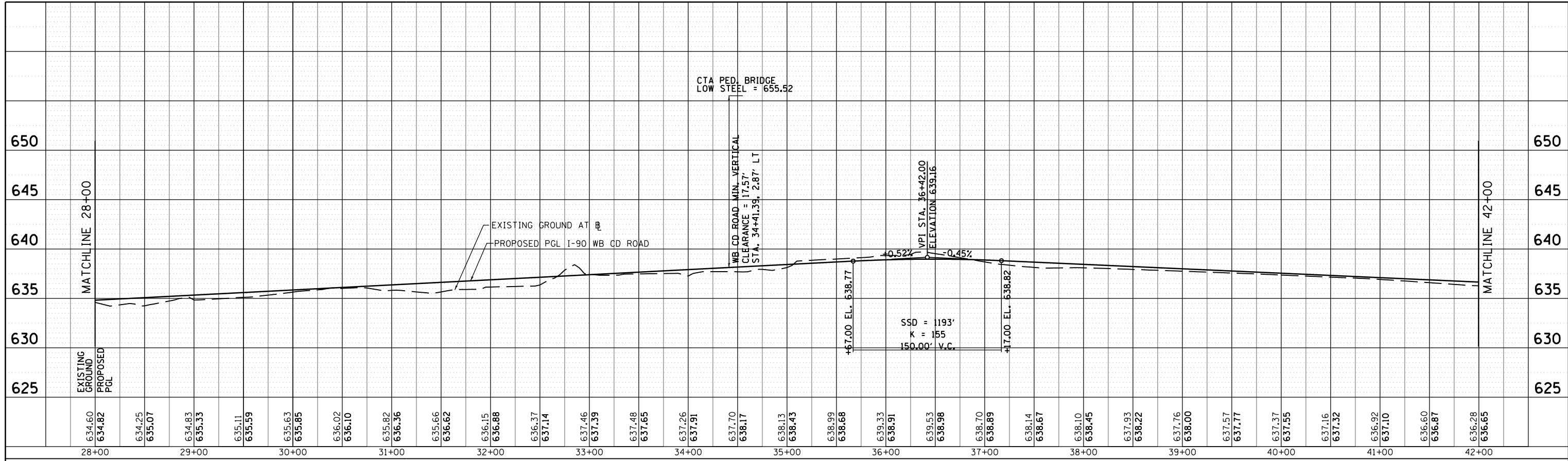
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
I-90 WB CD ROAD PROFILE

SCALE: 1"=50' SHEET NO. 1 OF 7 SHEETS STA. TO STA.

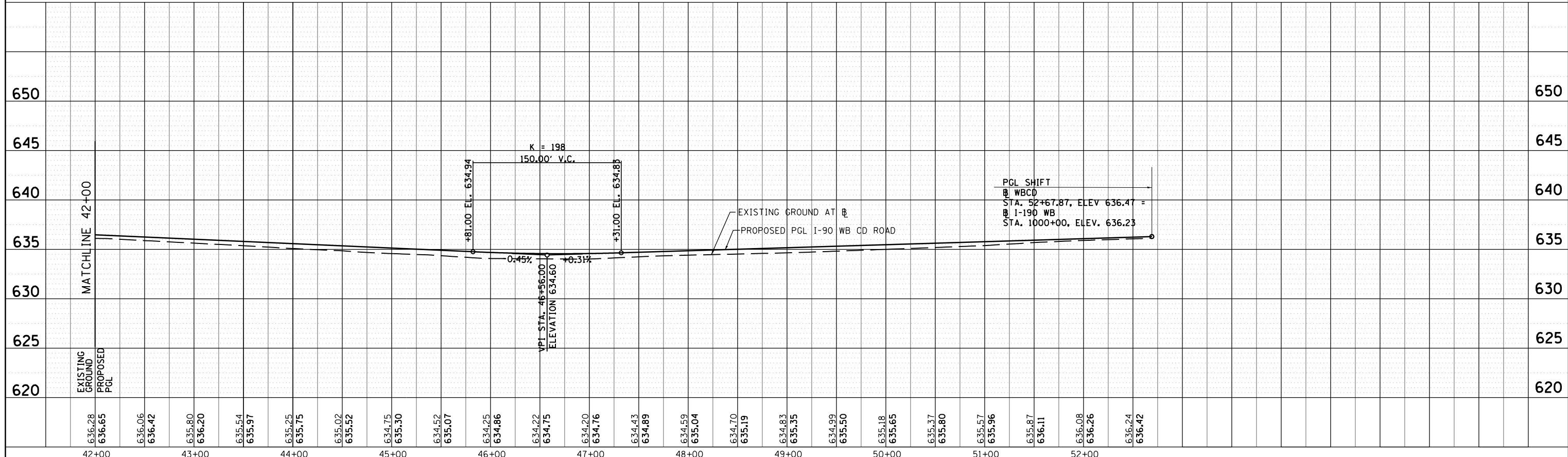
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	734	79
CONTRACT NO. 60Y39				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	NOTED		
	CHECKED		
	AT		
	FILE NAME		
	NO.		



I-90 WB CD ROAD

PROFILE	SURVEYED	BY	DATE
	GRADES CHECKED		
	STRUCTURE		
	NOTATIONS CHKD		
	NO.		



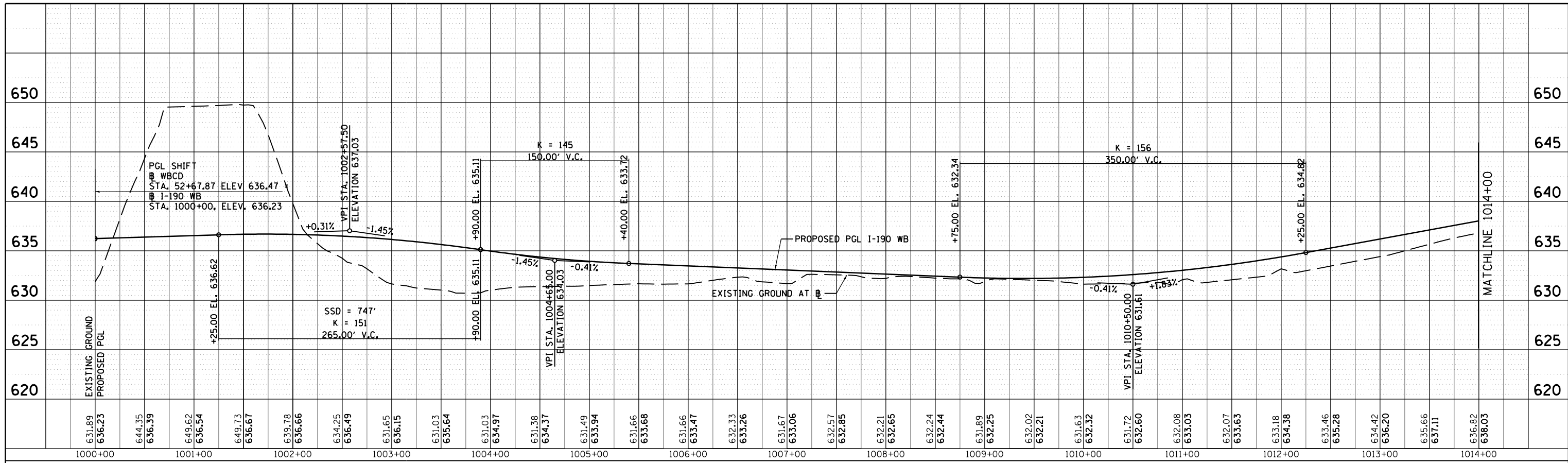
USER NAME = mksrby	DESIGNED MJK	REVISED -
	DRAWN BAJ	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED MAM	REVISED -
PLOT DATE = 1/29/2018	DATE 01/19/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
I-90 WB CD ROAD PROFILE
SCALE: 1"=50' SHEET NO. 2 OF 7 SHEETS STA. TO STA.

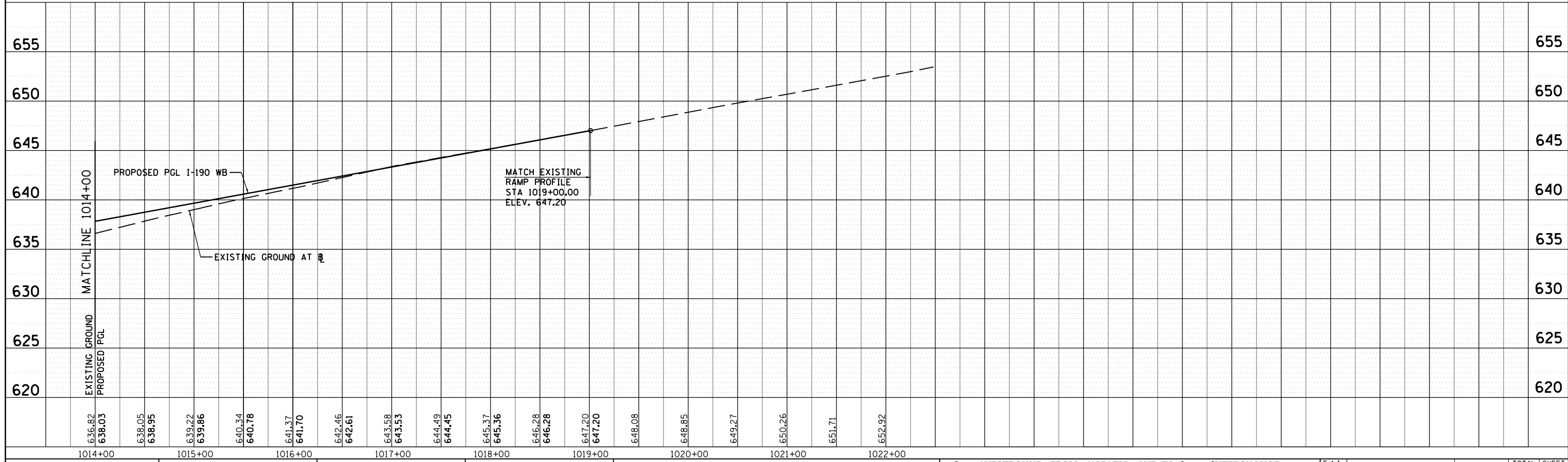
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	734	80
CONTRACT NO. 60Y39				
ILLINOIS FED. AID PROJECT				

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



I-190 WB

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



USER NAME = mksrby	DESIGNED MJK	REVISED -
	DRAWN BAJ	REVISED -
PLOT SCALE = 2.0000' / 1"	CHECKED MAM	REVISED -
PLOT DATE = 1/29/2018	DATE 01/19/2018	REVISED -

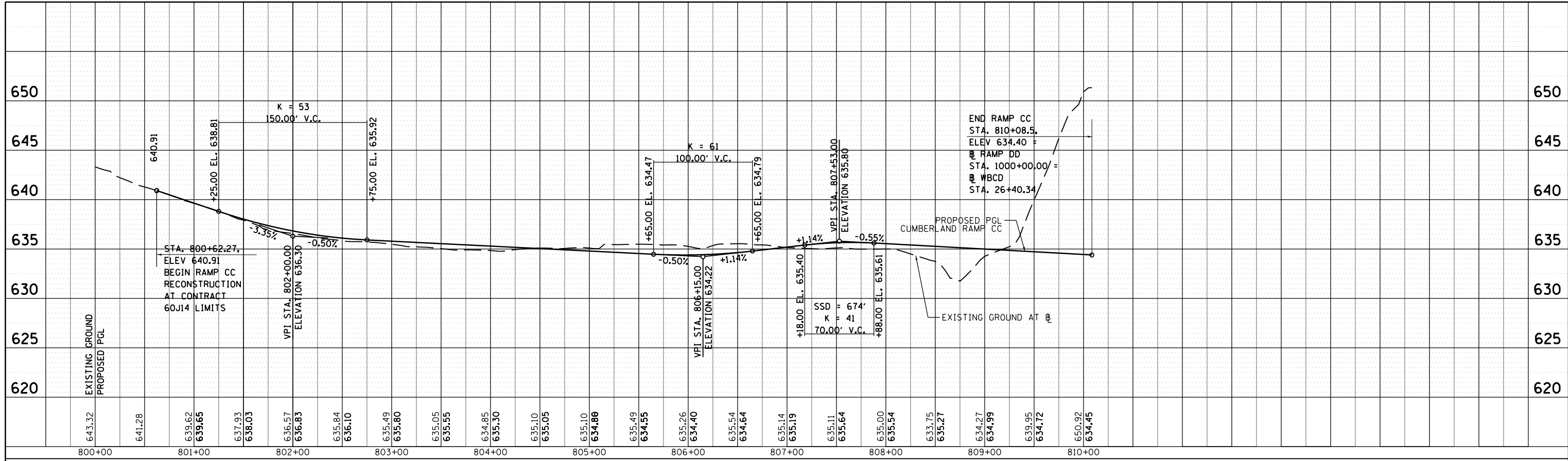
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
I-190 WB PROFILE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	734	81
CONTRACT NO. 60Y39				
ILLINOIS FED. AID PROJECT				

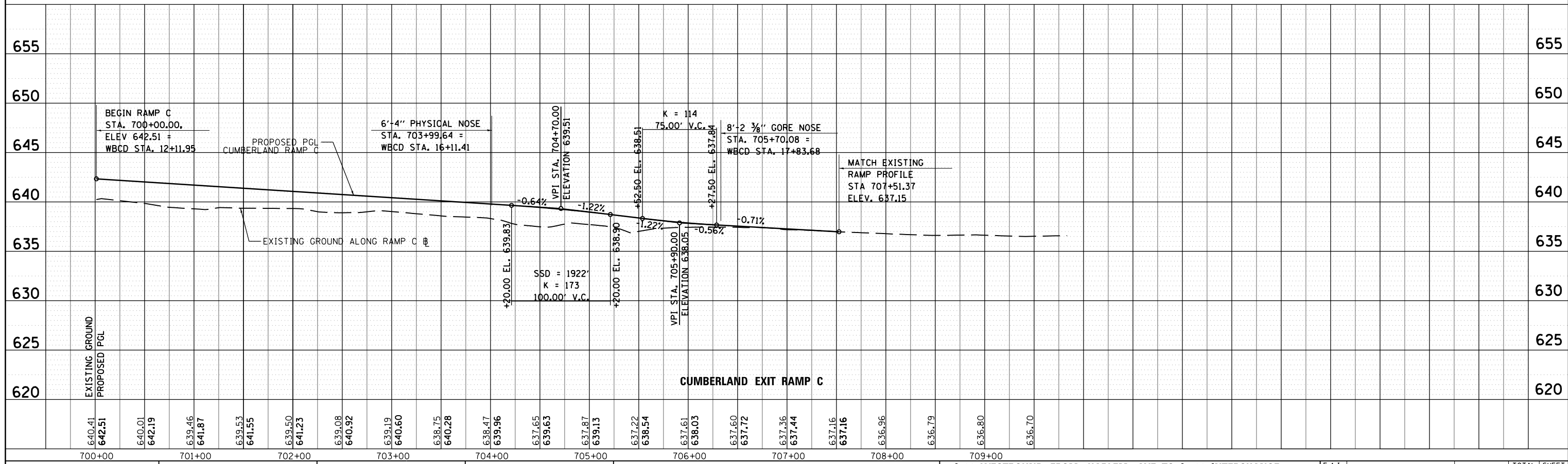
SCALE: 1"=50' SHEET NO. 3 OF 7 SHEETS STA. TO STA.

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	AT	
	BY	
	NO.	
	FILE NAME	



CUMBERLAND ENTRANCE RAMP CC

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	AT	
	BY	
	NO.	
	FILE NAME	



CUMBERLAND EXIT RAMP C



USER NAME =	mksrby	DESIGNED	MJK	REVISED	-
		DRAWN	BAJ	REVISED	-
		CHECKED	MAM	REVISED	-
		DATE	01/19/2018	REVISED	-

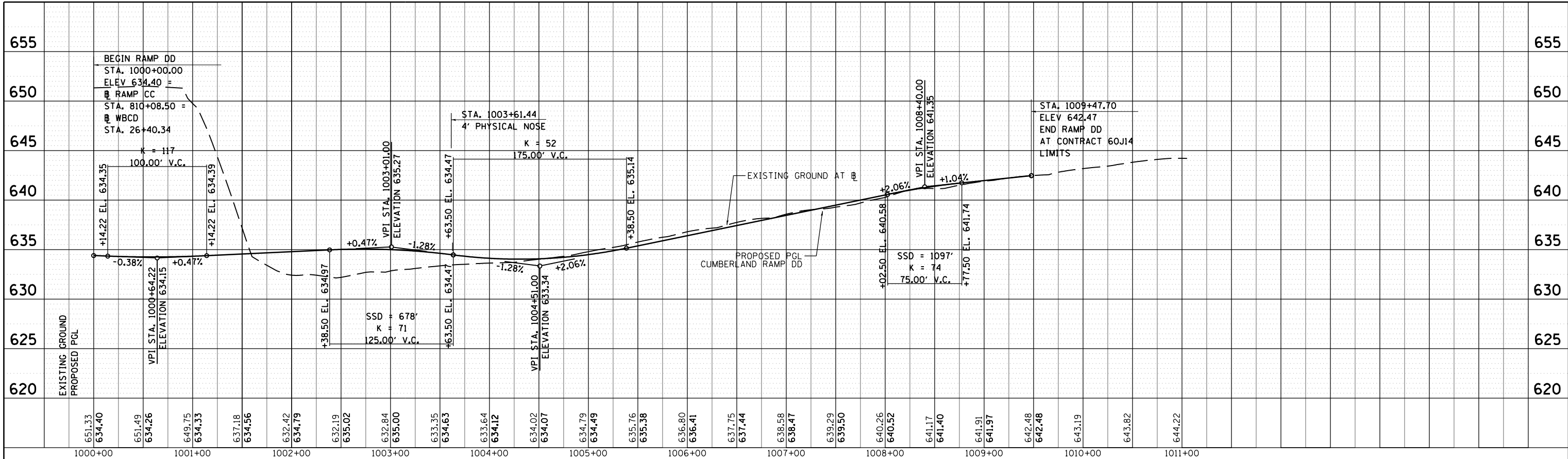
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
CUMBERLAND EXIT RAMP C PROFILE
CUMBERLAND ENTRANCE RAMP CC PROFILE

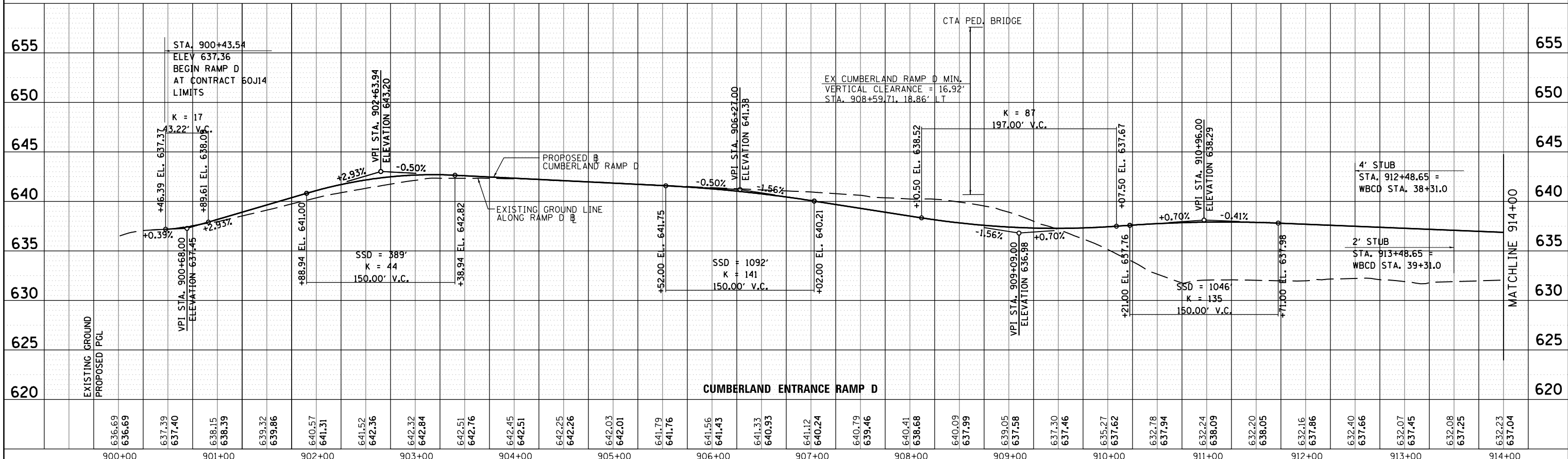
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	734	82
				CONTRACT NO. 60Y39

SCALE: 1"=50' SHEET NO. 4 OF 7 SHEETS STA. TO STA.

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



PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	CHECKED		
	AT		
	FILE NAME		



USER NAME = mksrby	DESIGNED = MJK	REVISED = -
	DRAWN = BAJ	REVISED = -
PLOT SCALE = 2.0000' / 1"	CHECKED = MAM	REVISED = -
PLOT DATE = 1/29/2018	DATE = 01/19/2018	REVISED = -

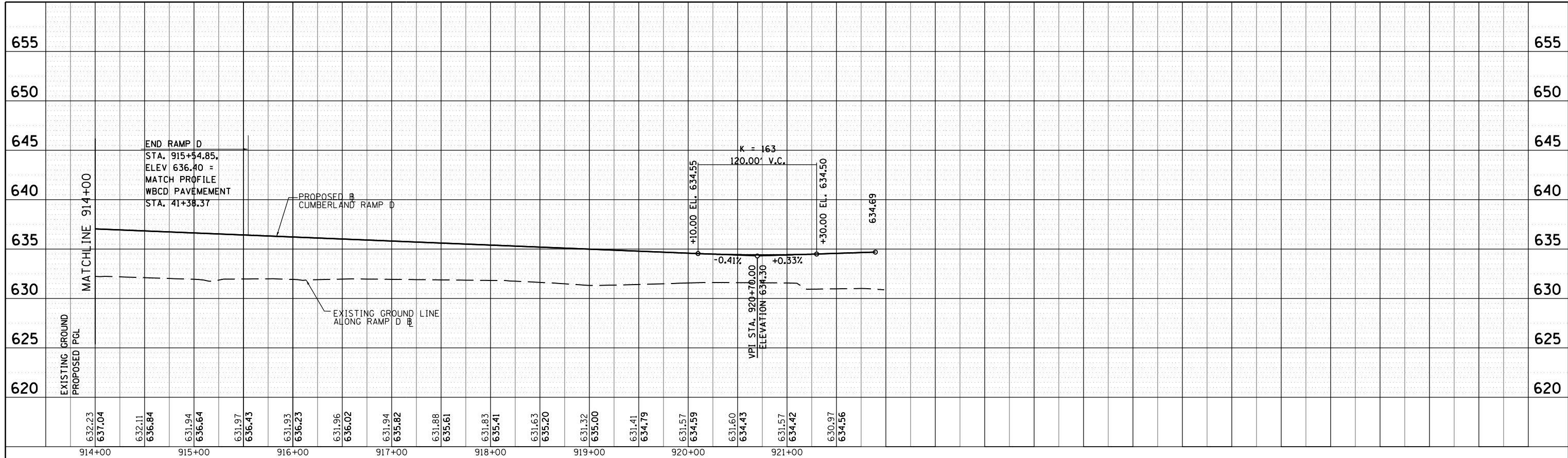
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
CUMBERLAND EXIT RAMP DD PROFILE
CUMBERLAND ENTRANCE RAMP D PROFILE

SCALE: 1"=50' SHEET NO. 5 OF 7 SHEETS STA. TO STA.

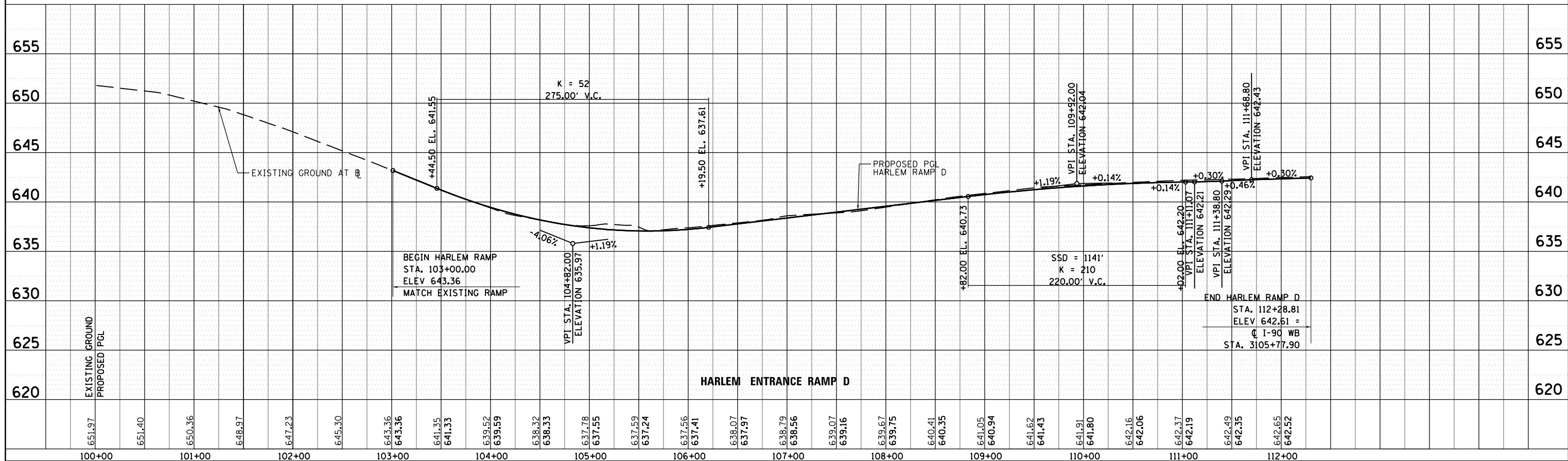
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	734	83
CONTRACT NO. 60Y39				
ILLINOIS FED. AID PROJECT				

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



CUMBERLAND ENTRANCE RAMP D

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



HARLEM ENTRANCE RAMP D



USER NAME = mksrby
 DRAWN BAJ
 CHECKED MAM
 DATE 01/19/2018

DESIGNED MJK
 REVISIONS -
 REVISIONS -
 REVISIONS -
 REVISIONS -

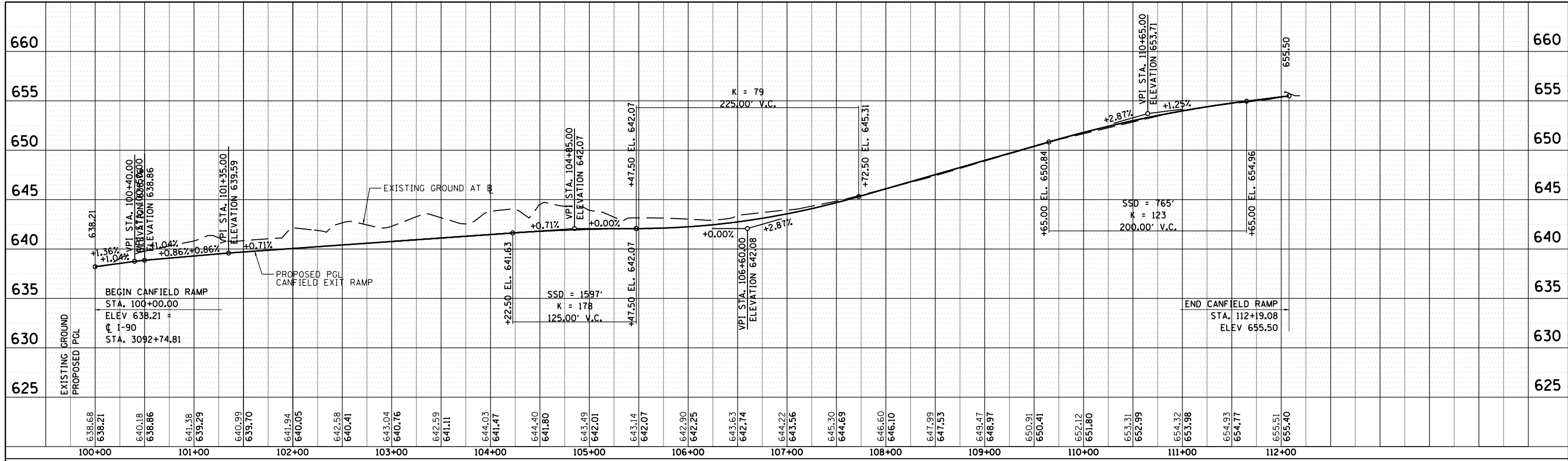
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
 CUMBERLAND ENTRANCE RAMP D PROFILE
 HARLEM ENTRANCE RAMP D PROFILE
 SCALE: 1"=50' SHEET NO. 6 OF 7 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	734	84
				CONTRACT NO. 60Y39
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	AT		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
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	NO.		



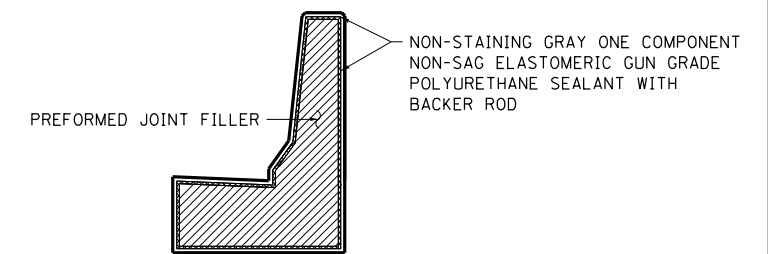
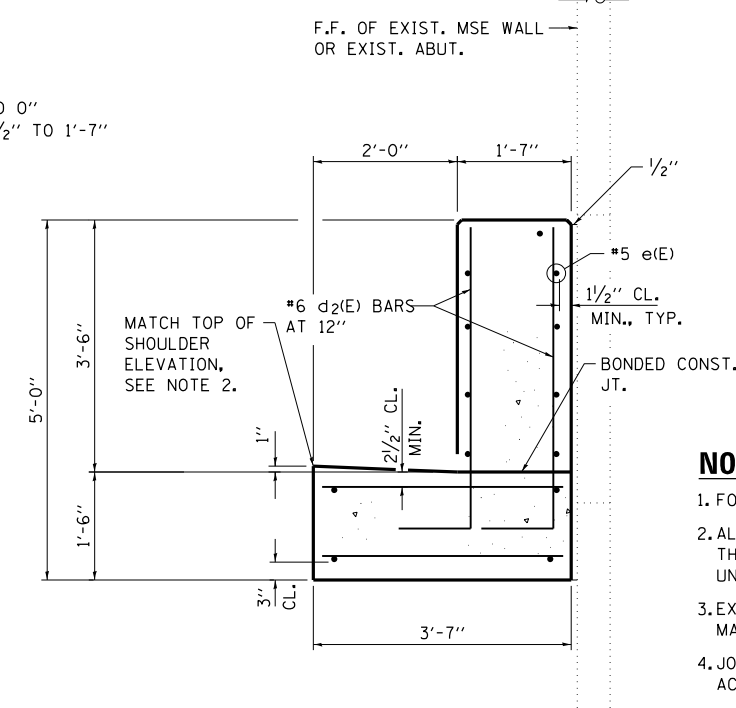
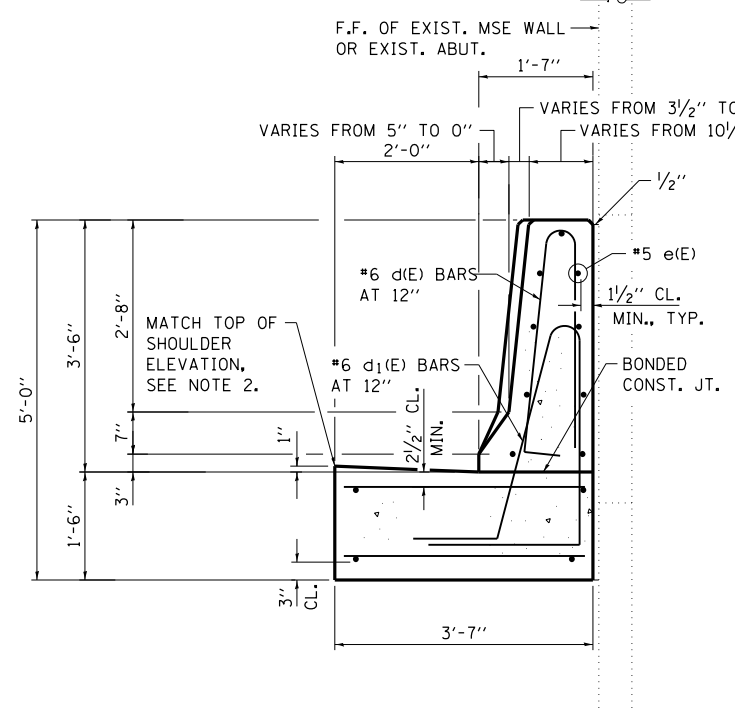
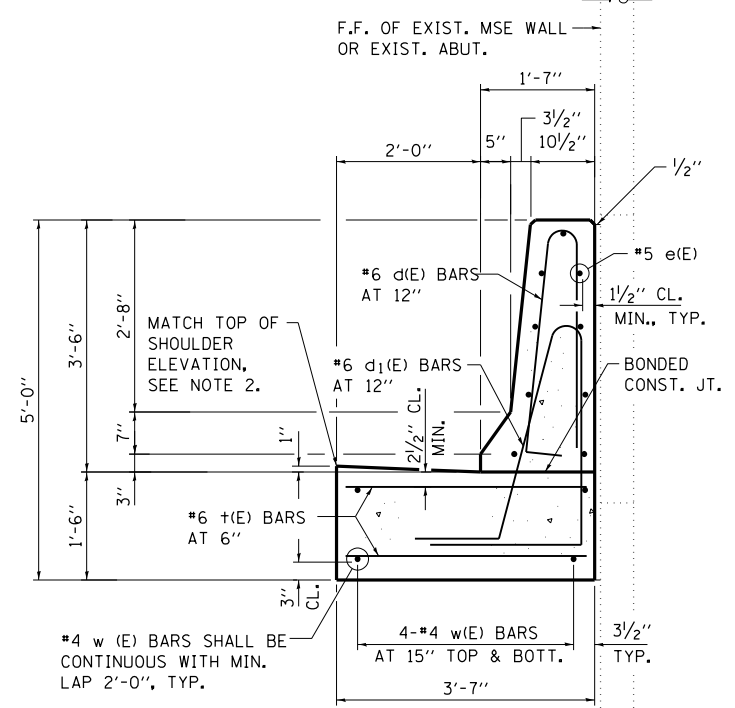
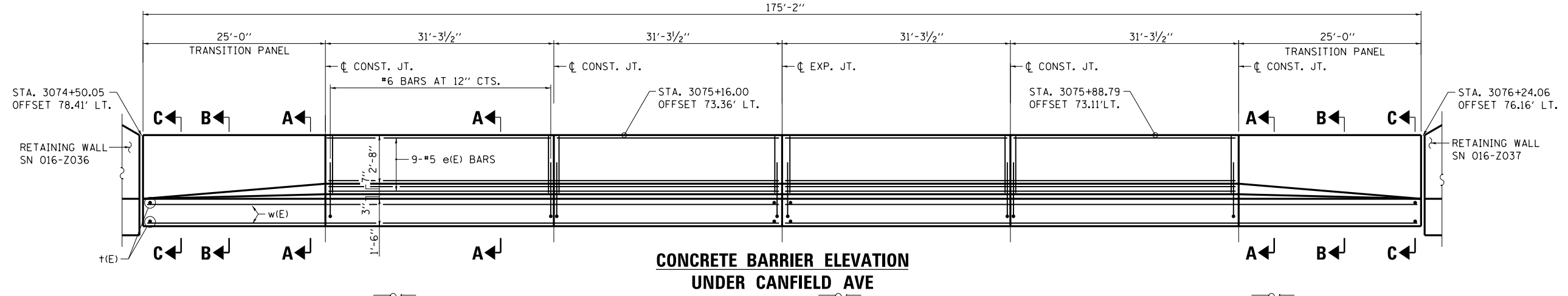
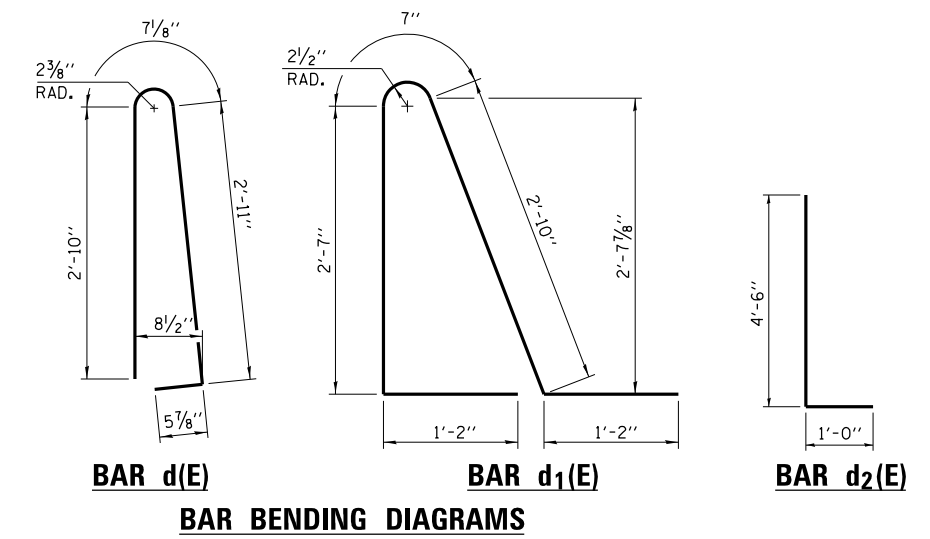
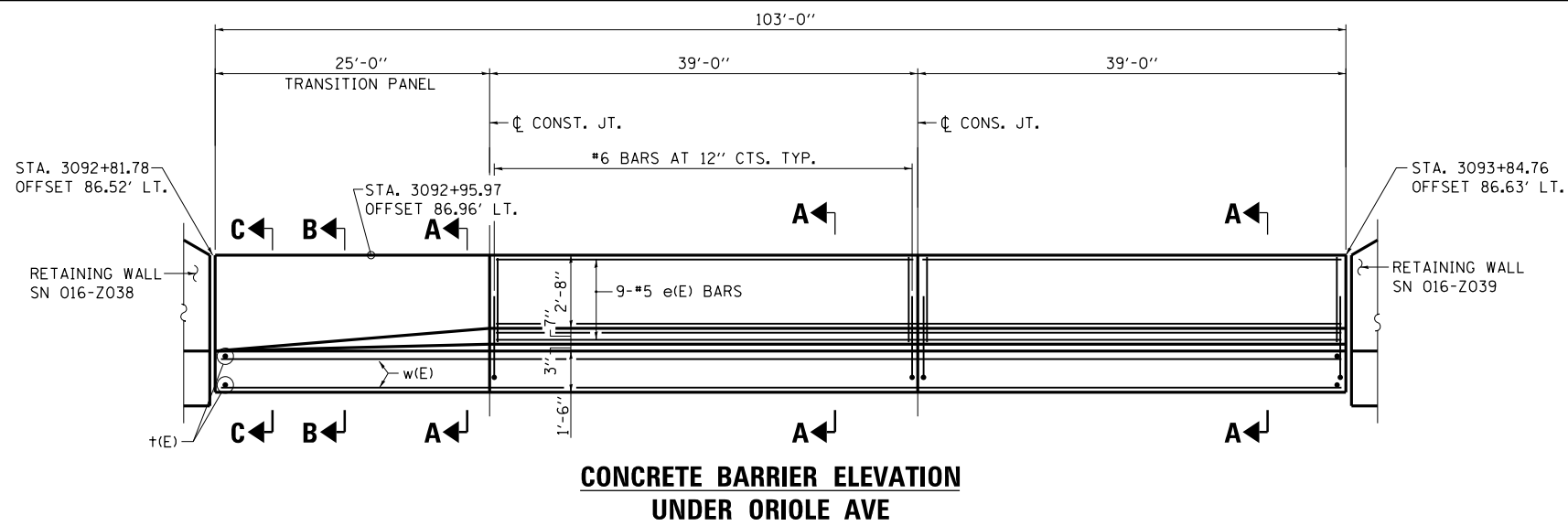
USER NAME = mksrby	DESIGNED MJK	REVISED -
	DRAWN BAJ	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED MAM	REVISED -
PLOT DATE = 1/29/2018	DATE 01/19/2018	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
 CANFIELD EXIT RAMP PROFILE

SCALE: 1"=50' SHEET NO. 7 OF 7 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	734	85
CONTRACT NO. 60Y39				
ILLINOIS FED. AID PROJECT				



- NOTES:**
- FOR BARRIER LOCATION, SEE SHEET PR-04.
 - ALL WORK AND MATERIALS DETAILED HEREIN SHALL BE INCLUDED IN THE COST OF "CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT (SPECIAL)" UNLESS OTHERWISE NOTED.
 - EXPANSION JOINTS SHOWN ON THIS DRAWING SHALL BE PREFORMED JOINT MATERIAL (BITUMINOUS TYPE) FILLER AND SHALL MEET AASHTO DESIGNATION M-33.
 - JOINTS SHALL BE CONSTRUCTED AS SHOWN ON THE PLANS AND IN ACCORDANCE WITH ARTICLE 637.08 OF THE STANDARD SPECIFICATIONS.

SEE SECTION A-A FOR FTG REINFORCEMENT



USER NAME = mksrby	DESIGNED ACF/AR	REVISED -
DRAWN LK	REVISOR -	
PLOT SCALE = 0.16667' / 1"	CHECKED MAM	REVISOR -
PLOT DATE = 1/29/2018	DATE 01/19/2018	REVISOR -

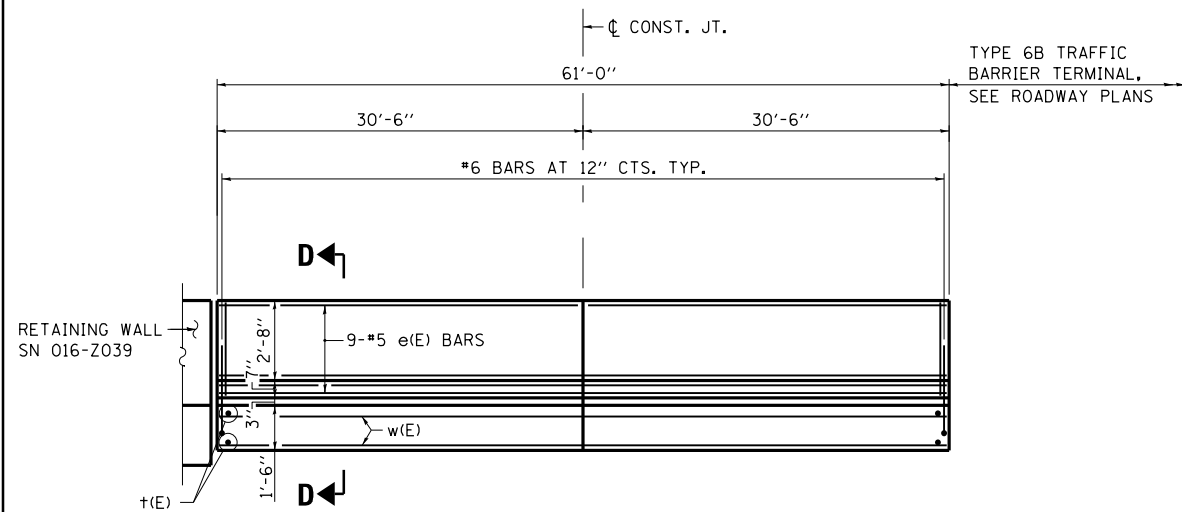
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT (SPECIAL)
LOCATIONS 1 & 2

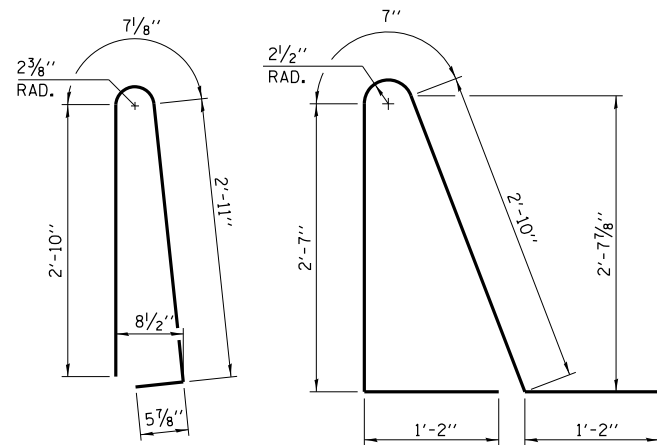
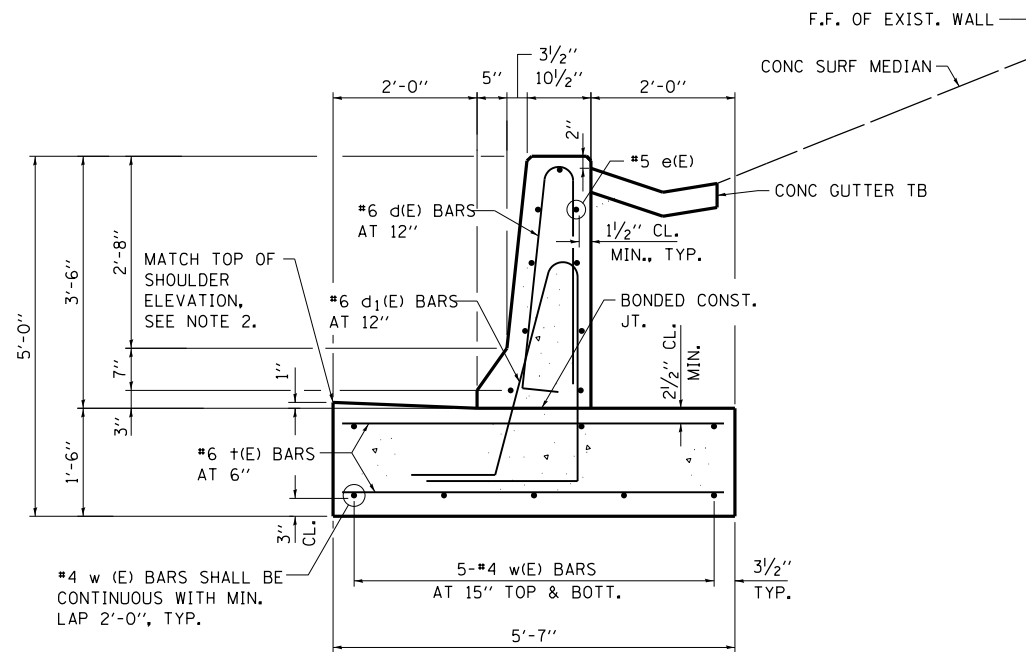
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-2	COOK	734	86
CONTRACT NO. 60Y39				
ILLINOIS FED. AID PROJECT				

SCALE: N.T.S. SHEET NO. 1 OF 2 SHEETS STA. TO STA.

PD-01



**CONCRETE BARRIER ELEVATION
AT END OF RETAINING
WALL SN 016-Z039**



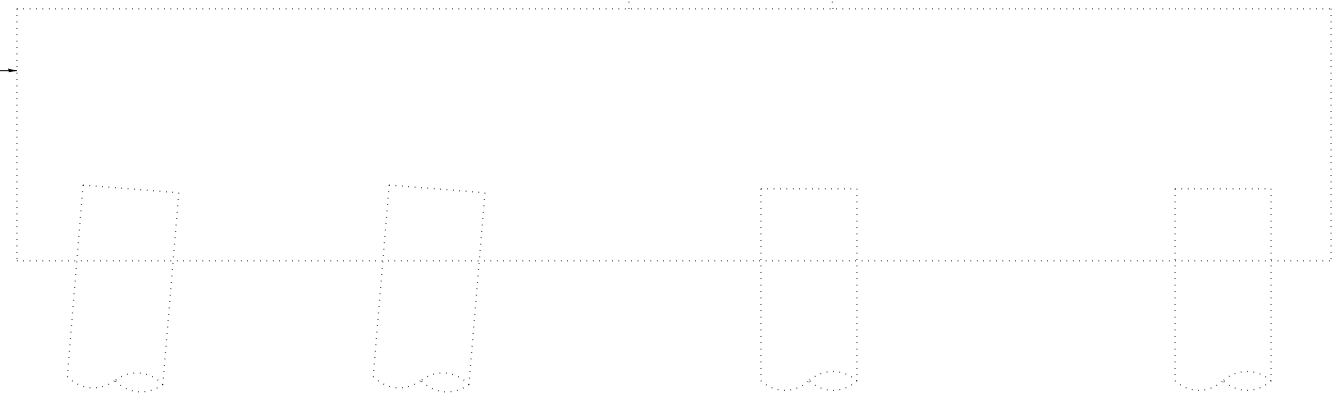
BAR d(E) **BAR d1(E)**
BAR BENDING DIAGRAMS

NOTES:

1. FOR BARRIER LOCATION, SEE SHEET PR-05.
2. ALL WORK AND MATERIALS DETAILED HEREIN SHALL BE INCLUDED IN THE COST OF "CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT (SPECIAL)" UNLESS OTHERWISE NOTED.
3. EXPANSION JOINTS SHOWN ON THIS DRAWING SHALL BE PREFORMED JOINT MATERIAL (BITUMINOUS TYPE) FILLER AND SHALL MEET AASHTO DESIGNATION M-33.
4. JOINTS SHALL BE CONSTRUCTED AS SHOWN ON THE PLANS AND IN ACCORDANCE WITH ARTICLE 637.08 OF THE STANDARD SPECIFICATIONS.

EXIST. FTG.
TO REMAIN

SECTION D-D



USER NAME = mksrby	DESIGNED ACF/AR	REVISED -
PLOT SCALE = 0.16667' / in.	DRAWN LK	REVISED -
PLOT DATE = 1/29/2018	CHECKED MAM	REVISED -
	DATE 01/19/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT (SPECIAL)
LOCATION 3**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-2	COOK	734	87
			CONTRACT NO. 60Y39	
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

TOP BARRIER BASE SHALL BE 1 1/2" BELOW TOP OF SHOULDER ELEVATION.

1" DEEP CONTRACTION JOINTS SHALL BE CONSTRUCTED IN BOTH THE REINFORCED CONCRETE BARRIER WALL AND BASE. MAXIMUM CONTRACTION JOINT SPACING SHALL BE 30 FEET.

THE FORMING OF CONTRACTION JOINTS SHALL BE DONE WITH AN APPROVED FINISHING TOOL OR BY SAWING AT THE DISCRETION OF THE ENGINEER SUBJECT TO THE SATISFACTORY CONTROL OF CRACKING.

REINFORCING BAR BENDING DIMENSIONS ARE OUT TO OUT.

REINFORCING BARS DESIGNATED "(E)" SHALL BE EPOXY COATED.

REINFORCEMENT BARS BENDING DETAILS SHALL BE IN ACCORDANCE WITH THE "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES", ACI 315, LATEST EDITION.

ALL EXPOSED CONCRETE EDGES SHALL BE A 3/4" X 45° CHAMFER, EXCEPT WHERE SHOWN OTHERWISE. CHAMFER ON VERTICAL EDGES SHALL BE CONTINUED A MINIMUM OF ONE FOOT BELOW FINISHED GROUND LINE.

NO CONSTRUCTION JOINTS EXCEPT THOSE SHOWN ON THE PLANS WILL BE ALLOWED UNLESS OTHERWISE APPROVED BY THE ENGINEER.

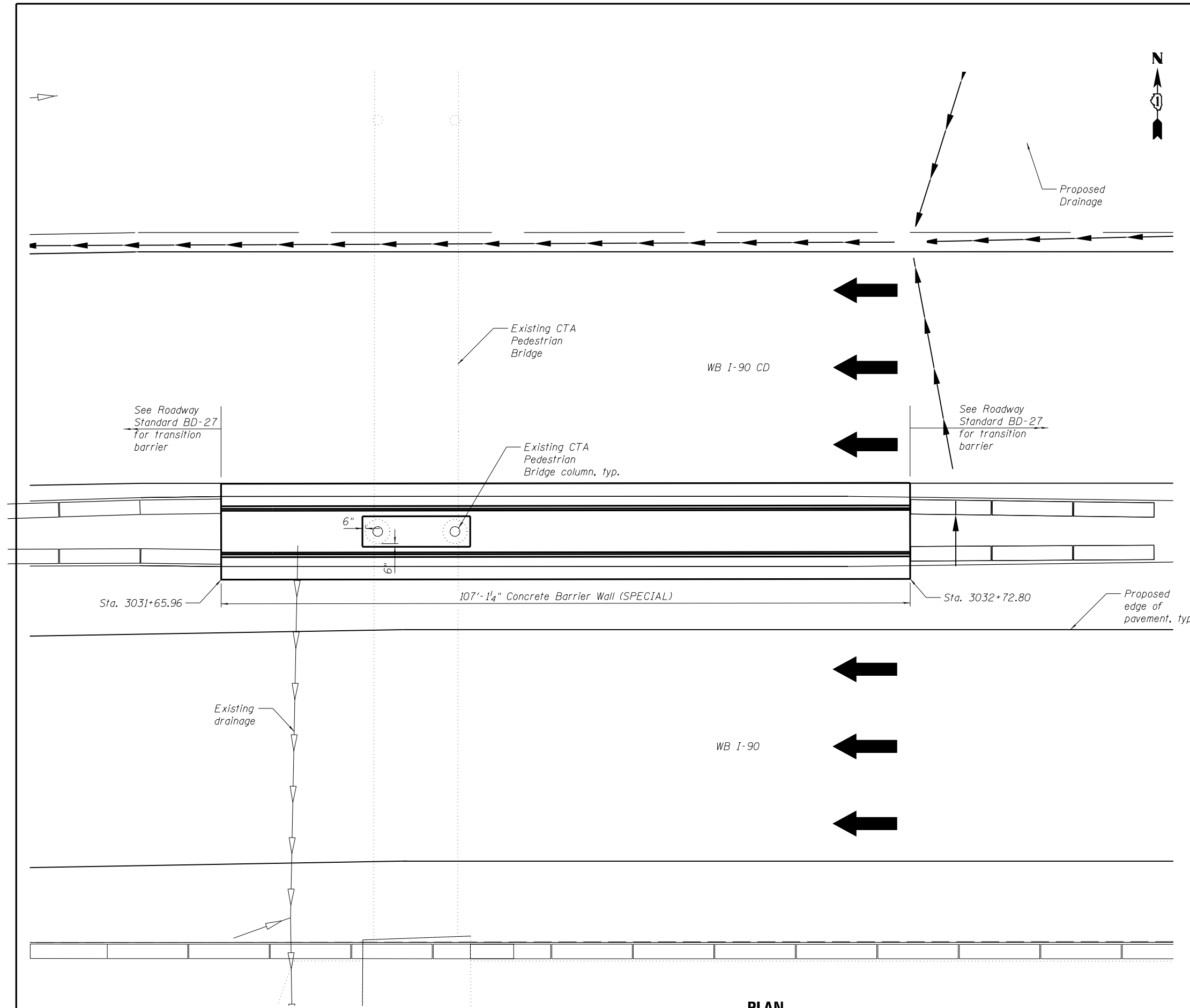
IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO STARTING CONSTRUCTION.

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

MINIMUM LENGTH OF INSTALLATION SHALL BE 25 FEET.

MINIMUM EXPANSION JOINT SPACING SHALL BE 25 FEET.

CONCRETE MEDIAN BARRIER TO BE COORDINATED WITH PROPOSED DRAINAGE AND LIGHTING PLANS.



PLAN



USER NAME = mksrby	DESIGNED ITC	REVISED -
	CHECKED EPP	REVISED -
PLOT SCALE = 0.16667' / in.	DRAWN ITC	REVISED -
PLOT DATE = 1/29/2018	DATE 01/19/2018	REVISED -

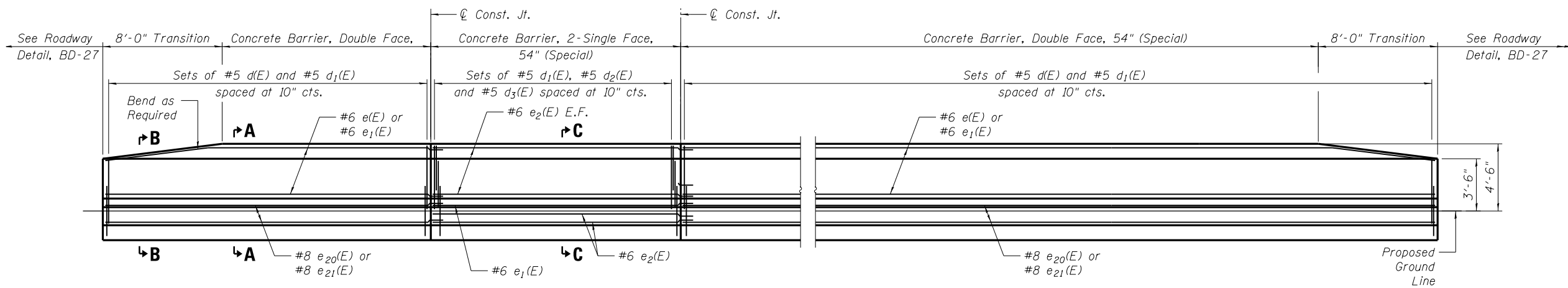
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CONCRETE BARRIER WALL (SPECIAL)
GENERAL PLAN**

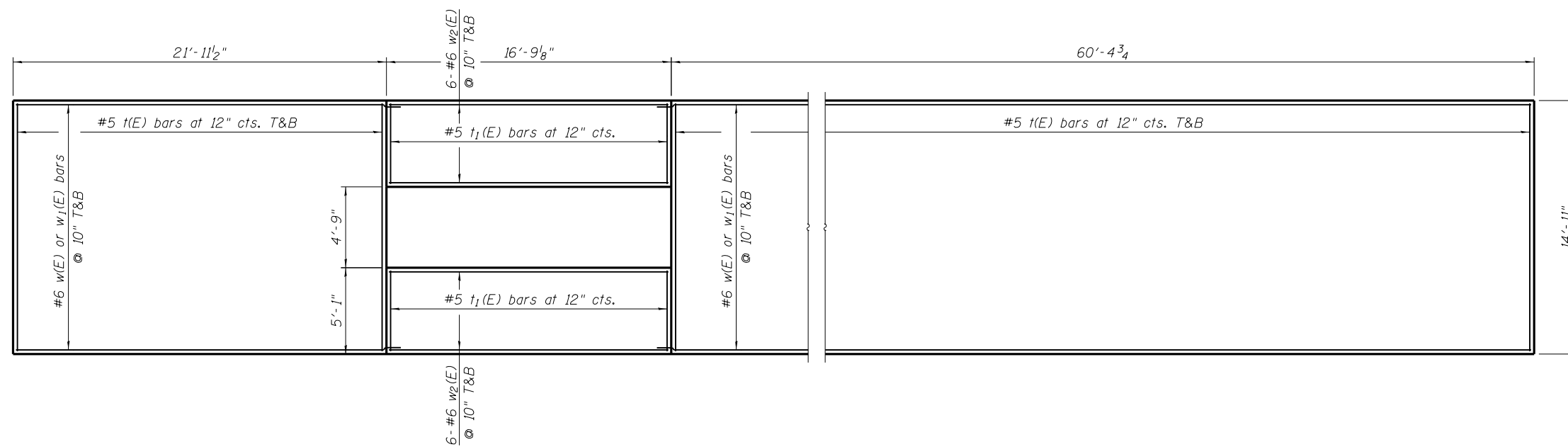
SHEET NO. 1 OF 3 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-2	COOK	734	88
			CONTRACT NO. 60Y39	
ILLINOIS FED. AID PROJECT				

PD-03

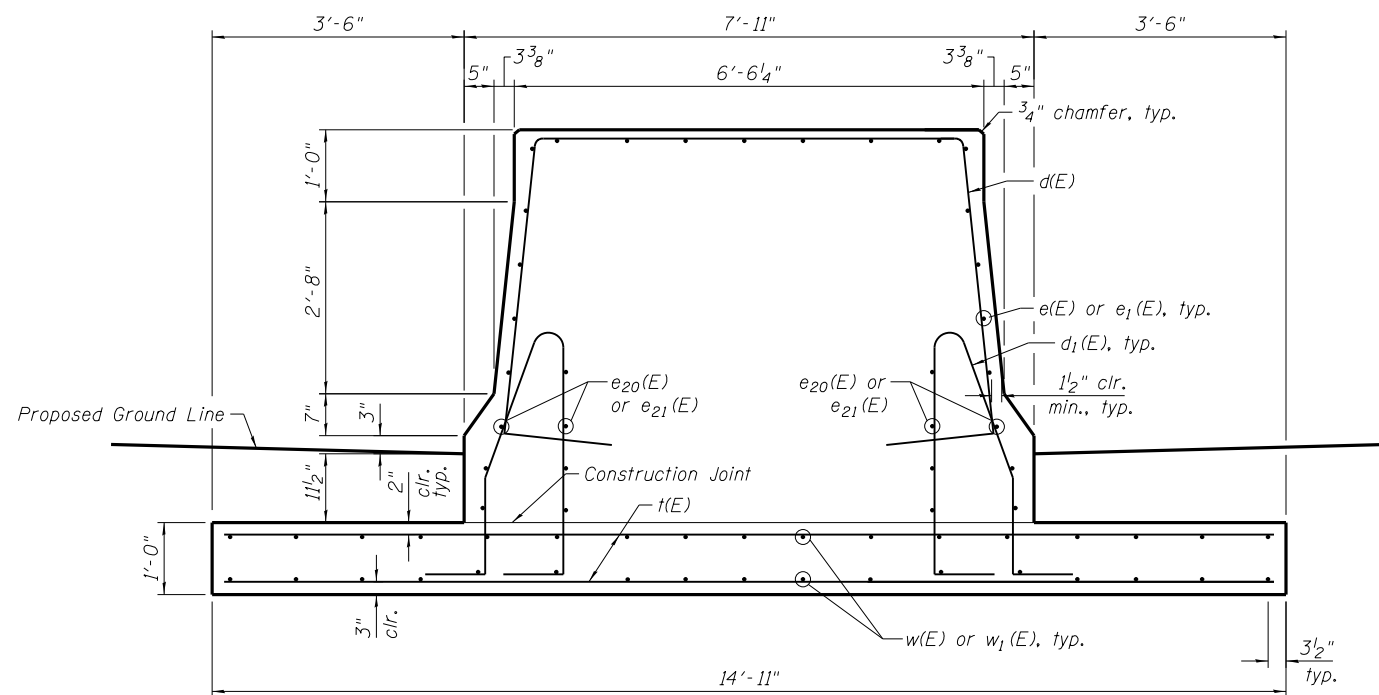


ELEVATION

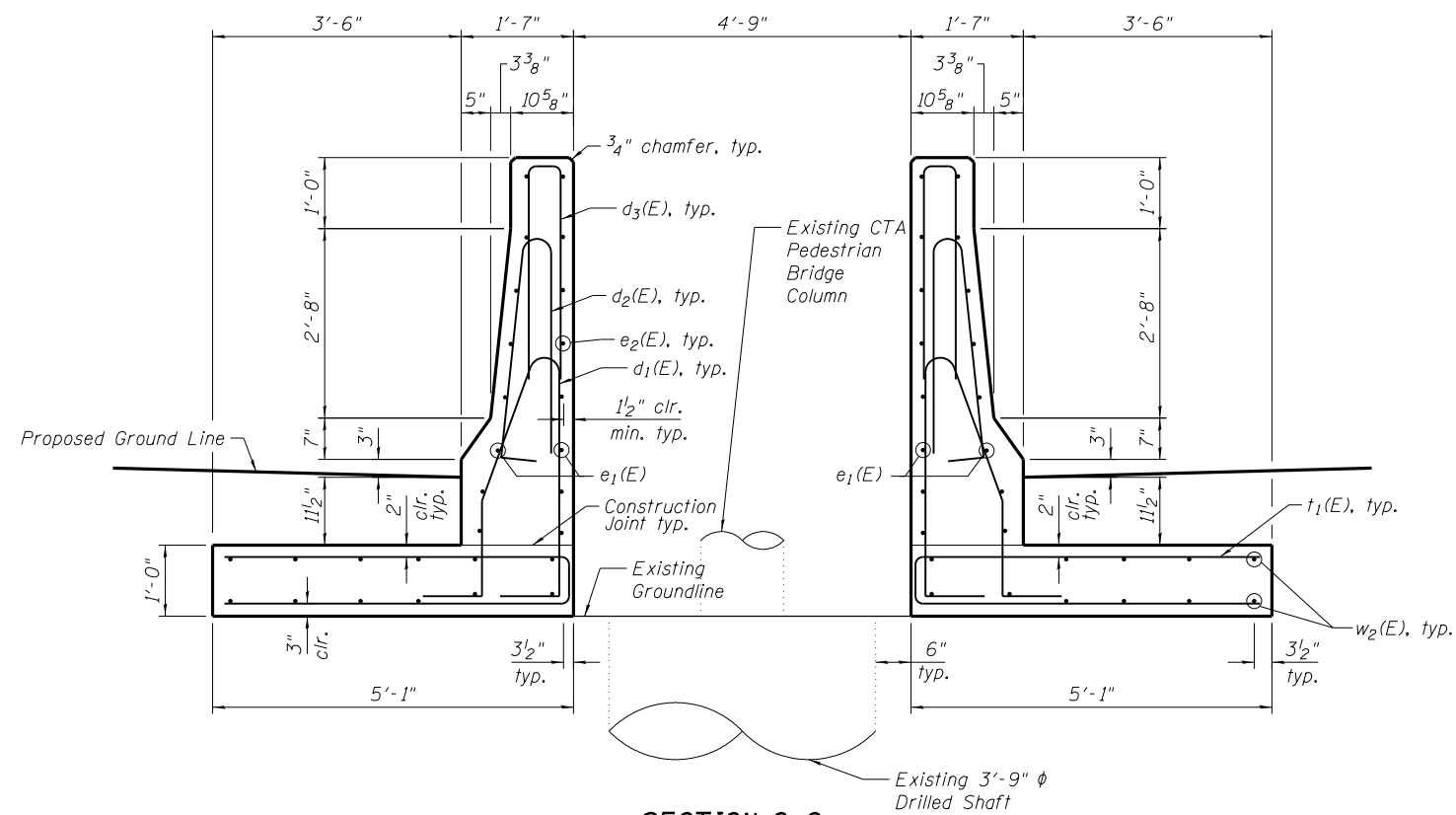


FOOTING PLAN

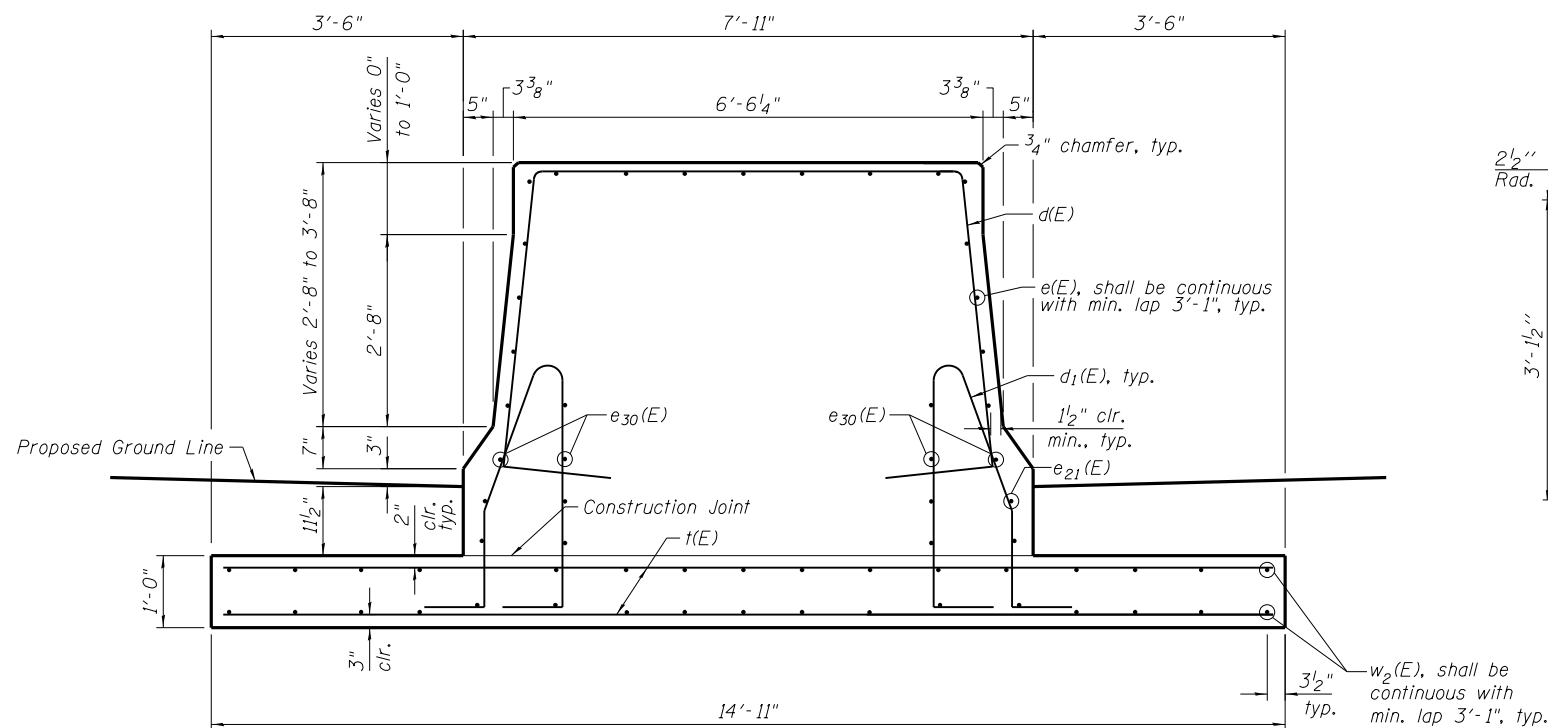




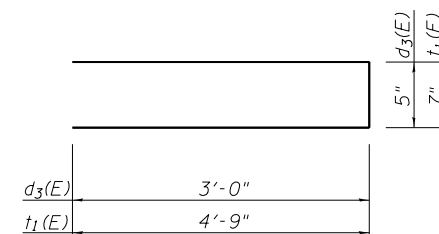
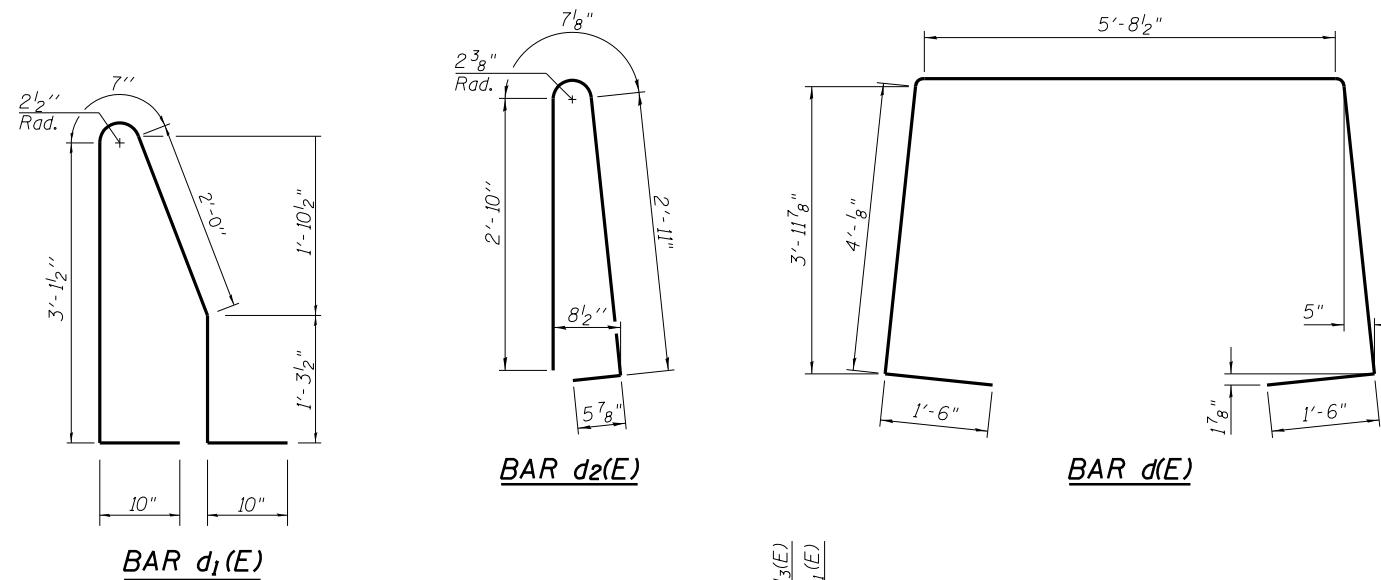
**SECTION A-A
CONCRETE BARRIER,
DOUBLE FACE, 54" (SPECIAL)**



**SECTION C-C
CONCRETE BARRIER,
2-SINGLE FACE, 54" (SPECIAL)**



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



BARS $d_3(E)$ & $t_1(E)$



USER NAME = mksrby	DESIGNED ITC	REVISED -
PLOT SCALE = 0.1667' / 1"	CHECKED EPP	REVISED -
PLOT DATE = 1/29/2018	DRAWN LK	REVISED -
	DATE 01/19/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CONCRETE BARRIER WALL (SPECIAL)
PIER PROTECTION DETAILS - 2**

SHEET NO. 3 OF 3 SHEETS

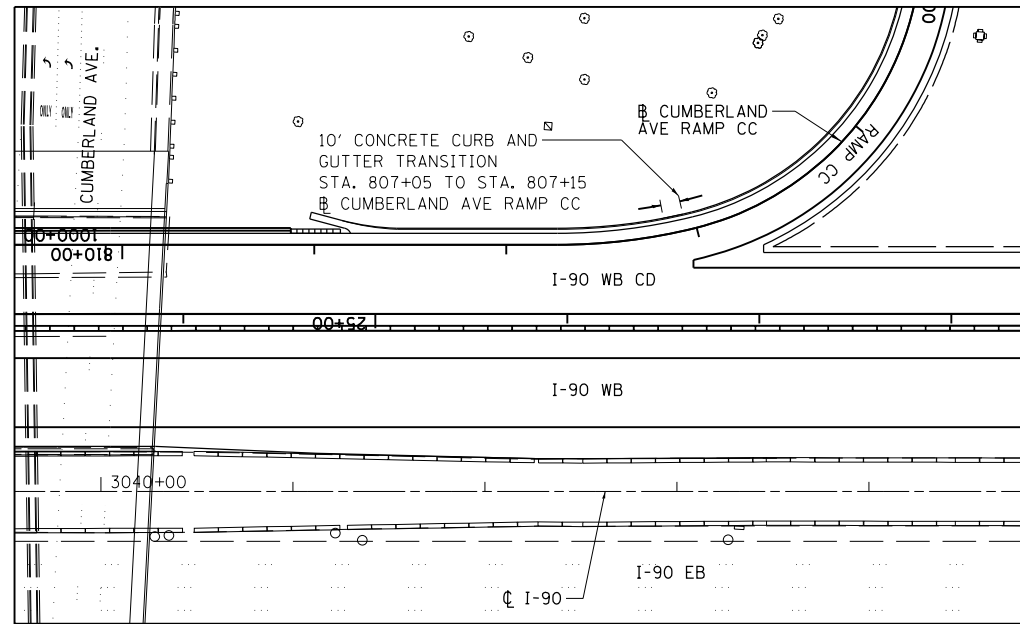
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-2	COOK	734	90
CONTRACT NO. 60Y39				

ILLINOIS FED. AID PROJECT

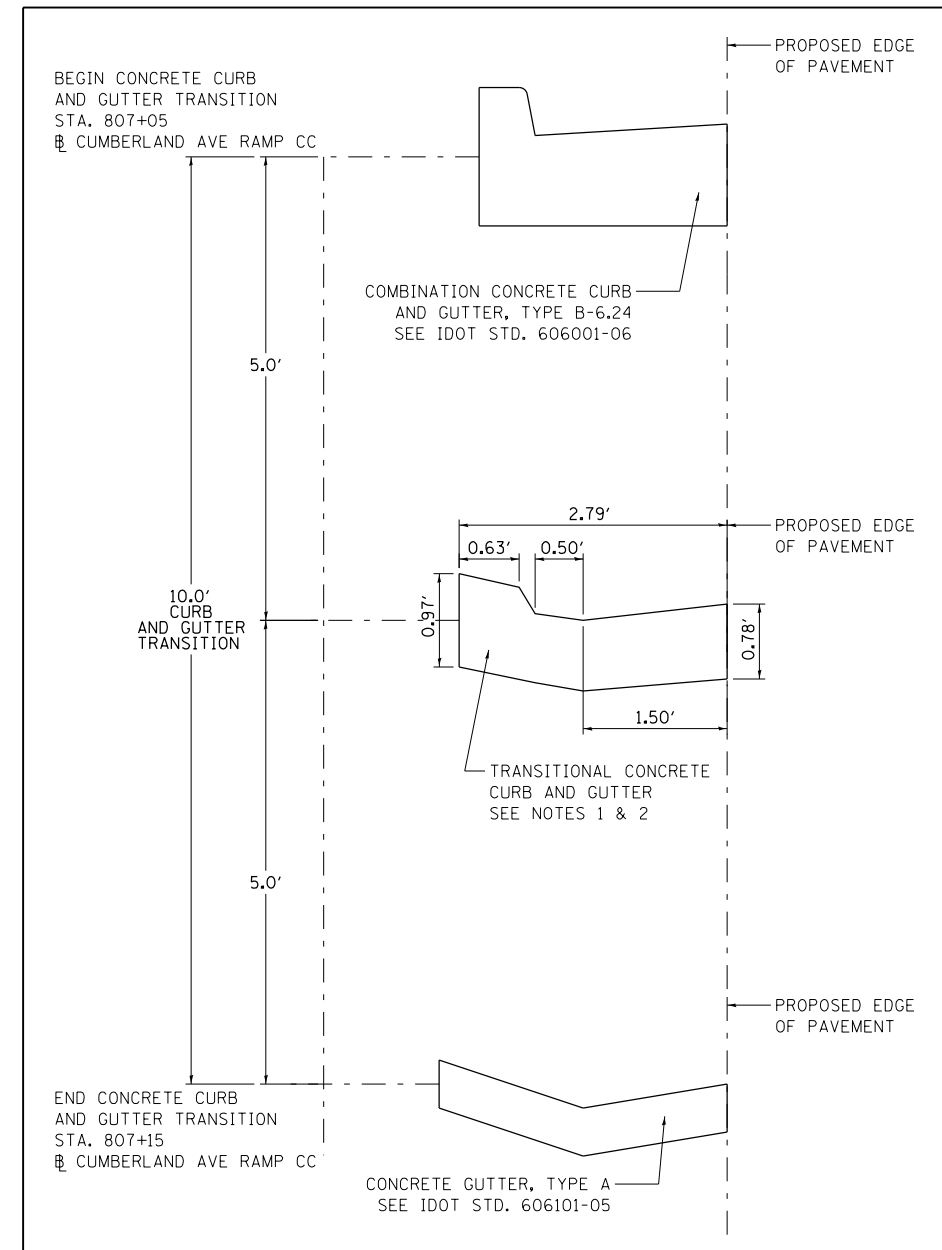
PD-05

NOTES:

1. CONCRETE CURB AND GUTTER TRANSITION INCLUDED IN THE COST OF THE CONCRETE CURB AND GUTTER PAY ITEM.
2. TRANSITIONAL CONCRETE CURB AND GUTTER DIMENSIONS SHOWN ARE ESTIMATES. TRANSITIONAL DESIGN SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.



CONCRETE CURB TRANSITION - PLAN VIEW
N.T.S.



CONCRETE CURB TRANSITION - DETAIL
N.T.S.



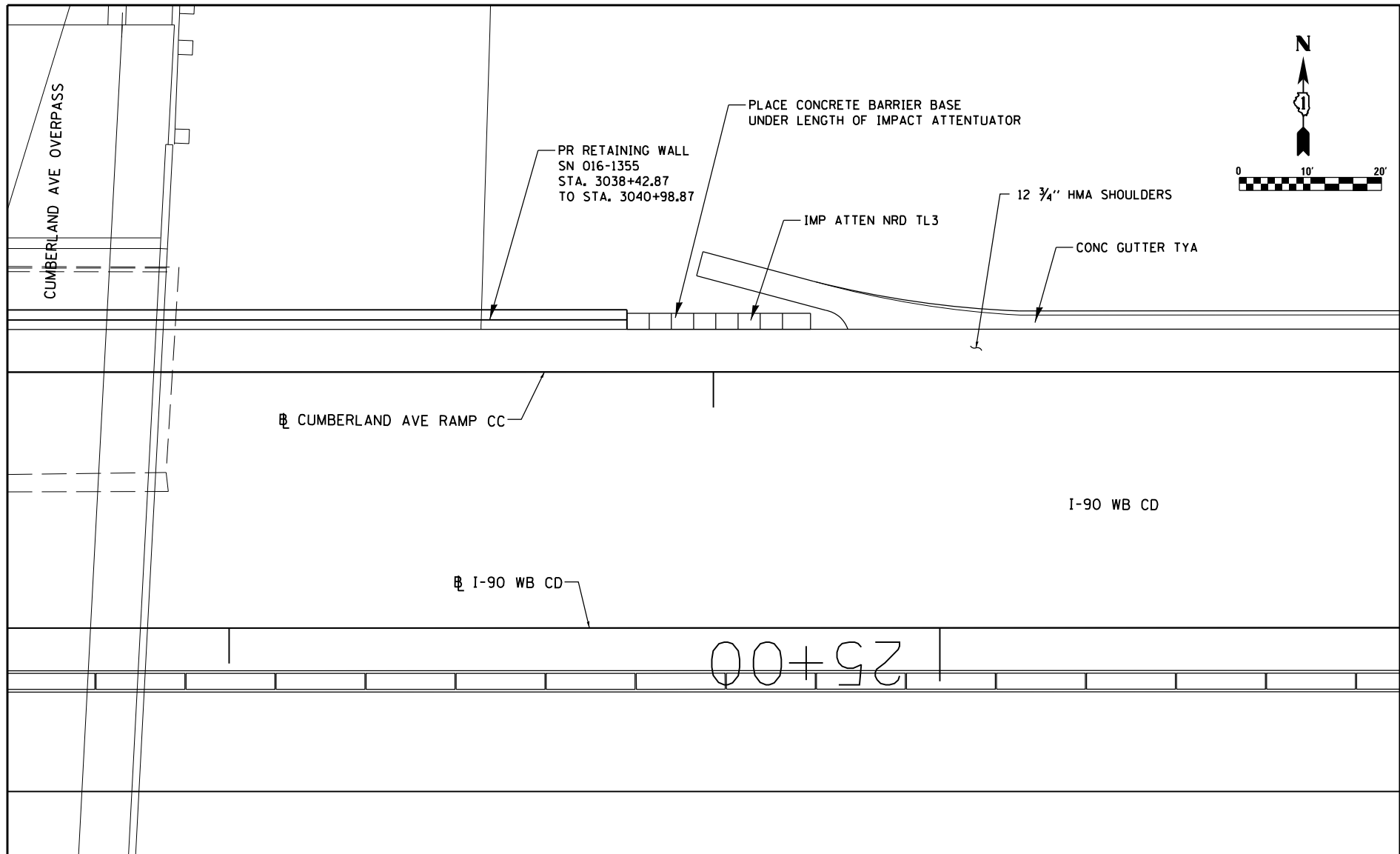
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	DRAWN MMK	REVISED -
PLOT SCALE = 2.00" = 1'	CHECKED MAM	REVISED -
PLOT DATE = 1/29/2018	DATE 01/19/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

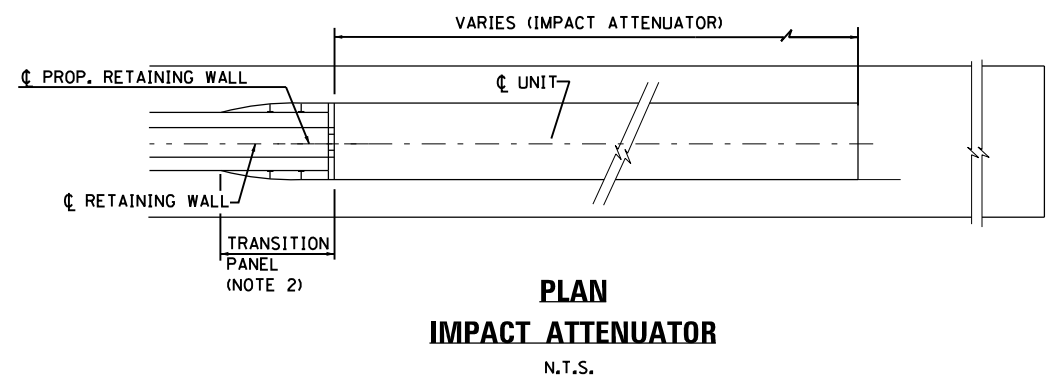
I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
COMBINATION CONCRETE CURB AND GUTTER TRANSITION DETAIL

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

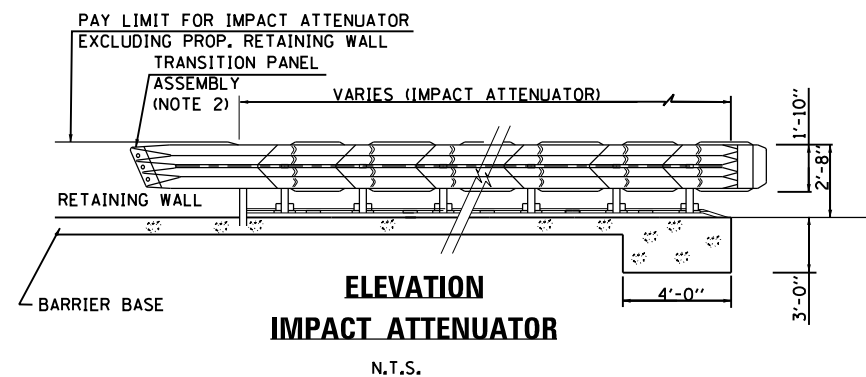
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-2	COOK	734	91
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y39	



PLAN
HARLEM AVE. RAMP A



PLAN
IMPACT ATTENUATOR
N.T.S.



ELEVATION
IMPACT ATTENUATOR
N.T.S.

- GENERAL NOTES**
1. THE CONTRACTOR SHALL SUBMIT, FOR APPROVAL, SHOP DRAWINGS AND DETAILED INSTALLATION DRAWINGS THAT ACCURATELY DEPICT ALL DETAILS NECESSARY FOR THE INSTALLATION. ALL WORKMANSHIP AND MATERIALS SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.
 2. TRANSITION PANEL INCLUDED IN COST OF ATTENUATOR.
 3. ALL STATION AND OFFSETS SHOWN ARE MEASURED FROM ϕ I-90.



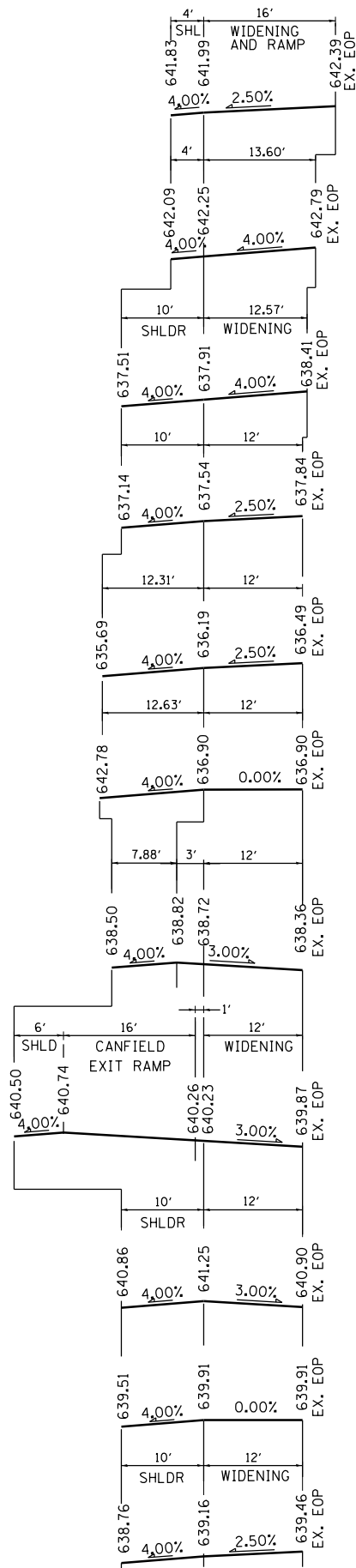
USER NAME = mksrby	DESIGNED MMK	REVISED - -
	DRAWN MMK	REVISED -
PLOT SCALE = 2.0000' / 1" =	CHECKED MAM	REVISED -
PLOT DATE = 1/29/2018	DATE 01/19/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
IMPACT ATTENUATOR DETAIL

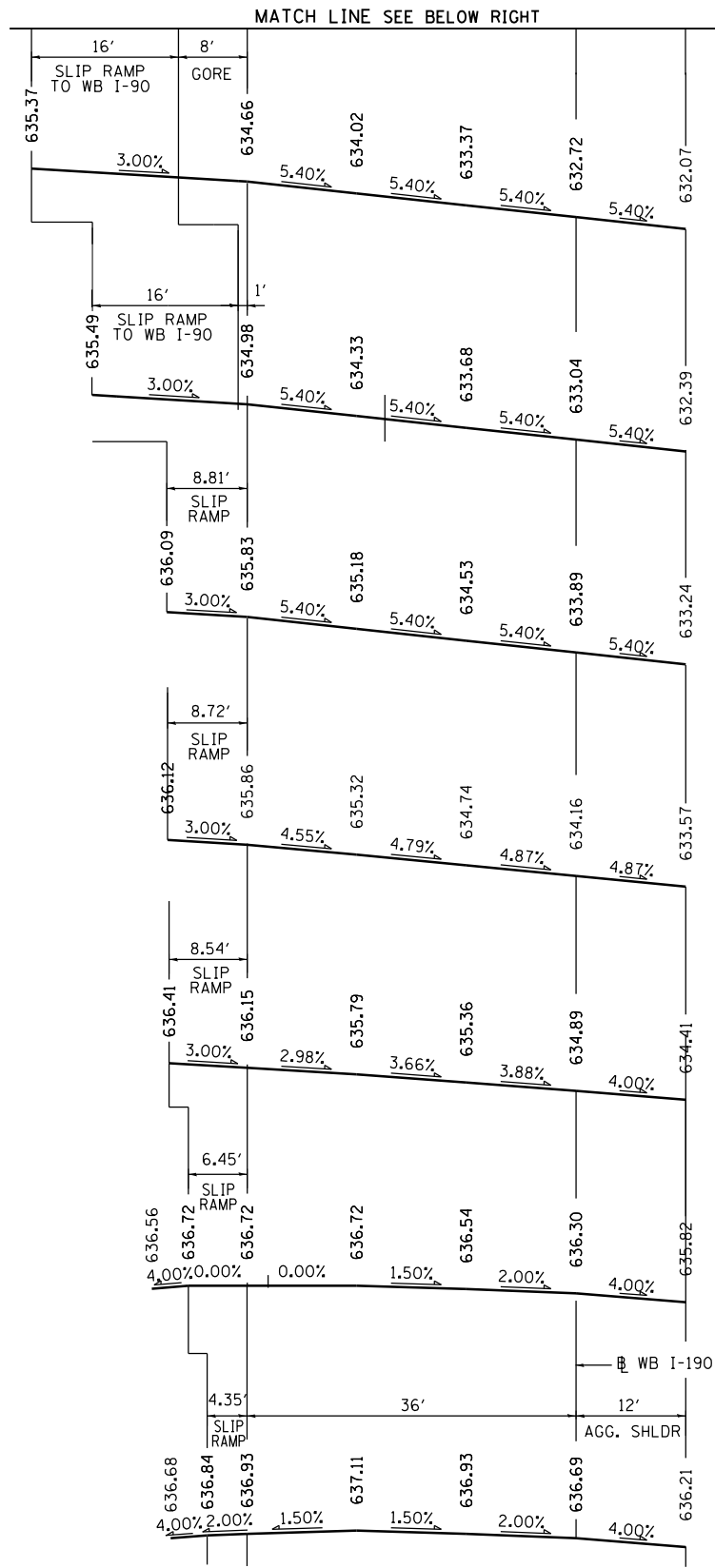
SCALE: NTS SHEET NO. 1 OF 1 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-2	COOK	734	92
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y39	



I-90 STATION 3107+78.00
 I-90 STATION 3106+77.00
 I-90 STATION 3098+80.00
 I-90 STATION 3097+86.50
 I-90 STATION 3094+34.50
 I-90 STATION 3093+86.00
 I-90 STATION 3092+30.00
 I-90 STATION 3089+79.00
 I-90 STATION 3086+49.00
 I-90 STATION 3084+93.50
 I-90 STATION 3084+44.15

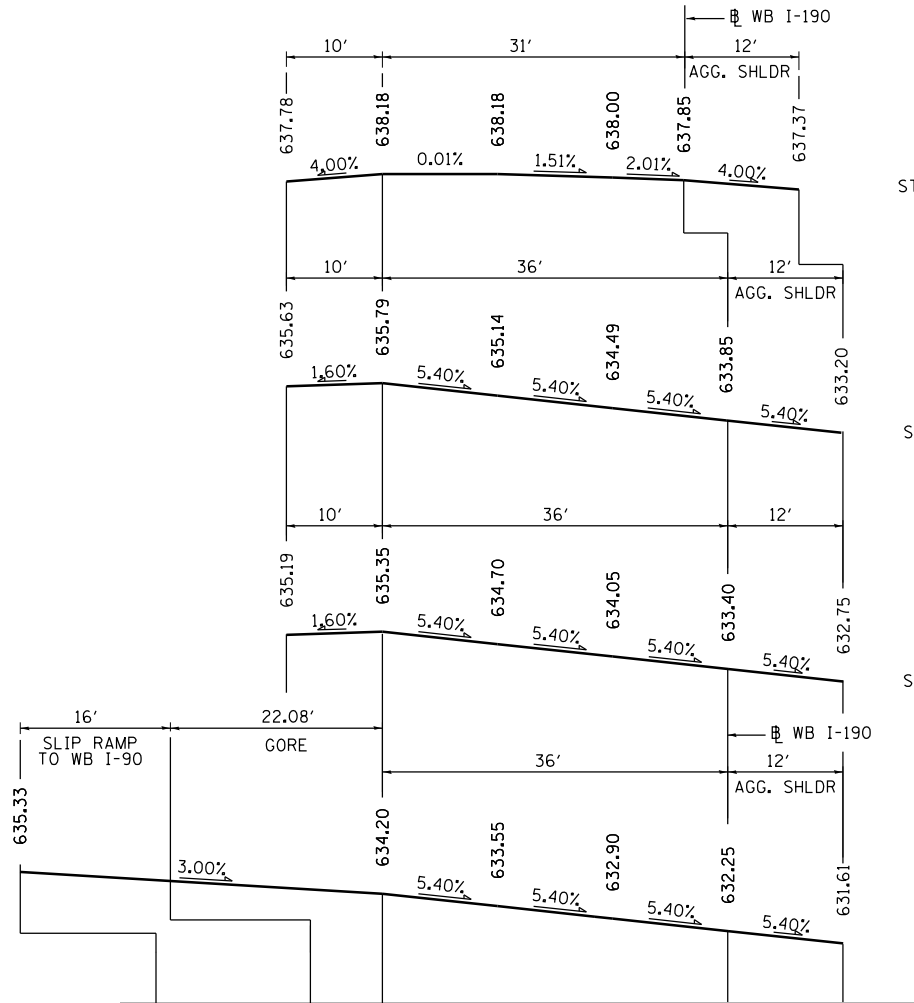
S.E. TRANSITION SECTIONS - WB I-90



STATION 1008+81.76
 STATION 1007+05.00
 STATION 1005+08.00
 PC STATION 1004+72.00
 STATION 1004+06.00
 STATION 1002+80.00
 STATION 1001+73.00

MATCH LINE SEE BELOW RIGHT

S.E. TRANSITION SECTIONS - WB I-90



STATION 1013+90.14
 STATION 1011+63.80
 STATION 1011+30.50
 STATION 1009+03.20

MATCH LINE SEE ABOVE LEFT



USER NAME = mksrby	DESIGNED BAJ	REVISED - -
PLOT SCALE = 2.0000' / in.	CHECKED MAM	REVISED -
PLOT DATE = 1/29/2018	DATE 01/19/2018	REVISED -

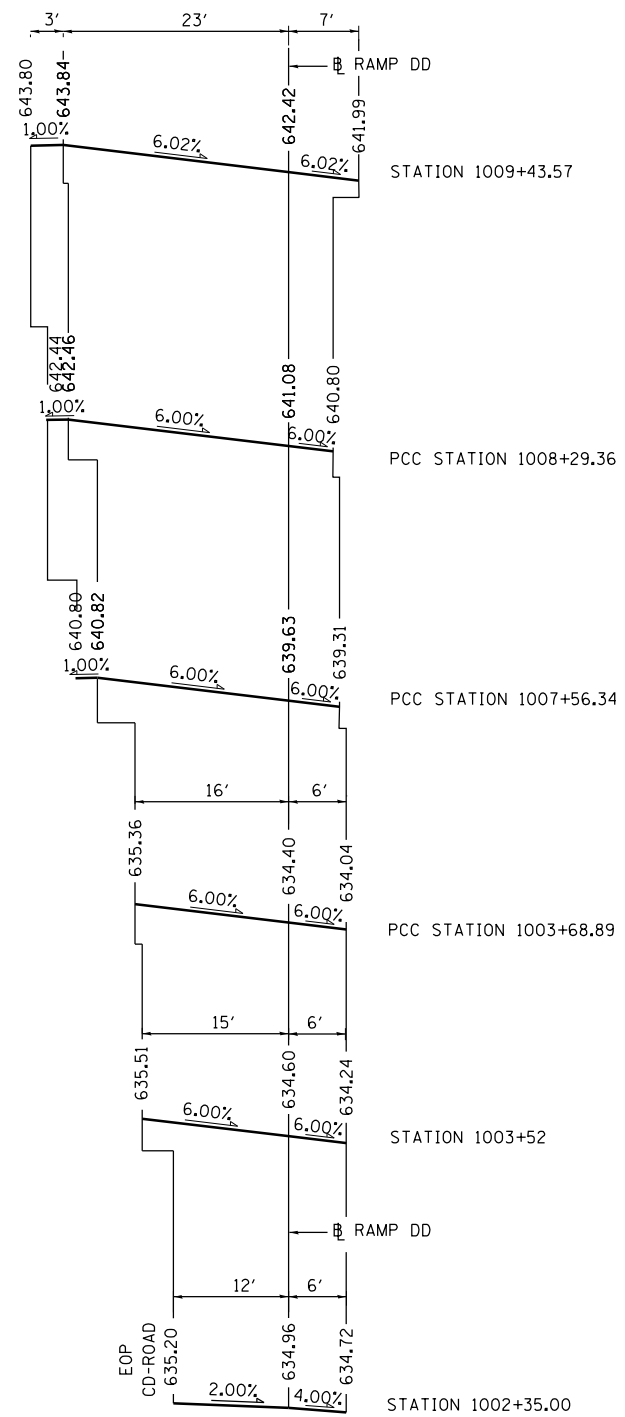
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

I-90 WESTBOUND FROM HARLEM AVE TO I-90 INTERCHANGE
 S.E. TRANSITION SECTIONS
 WESTBOUND I-90 AND WESTBOUND I-90

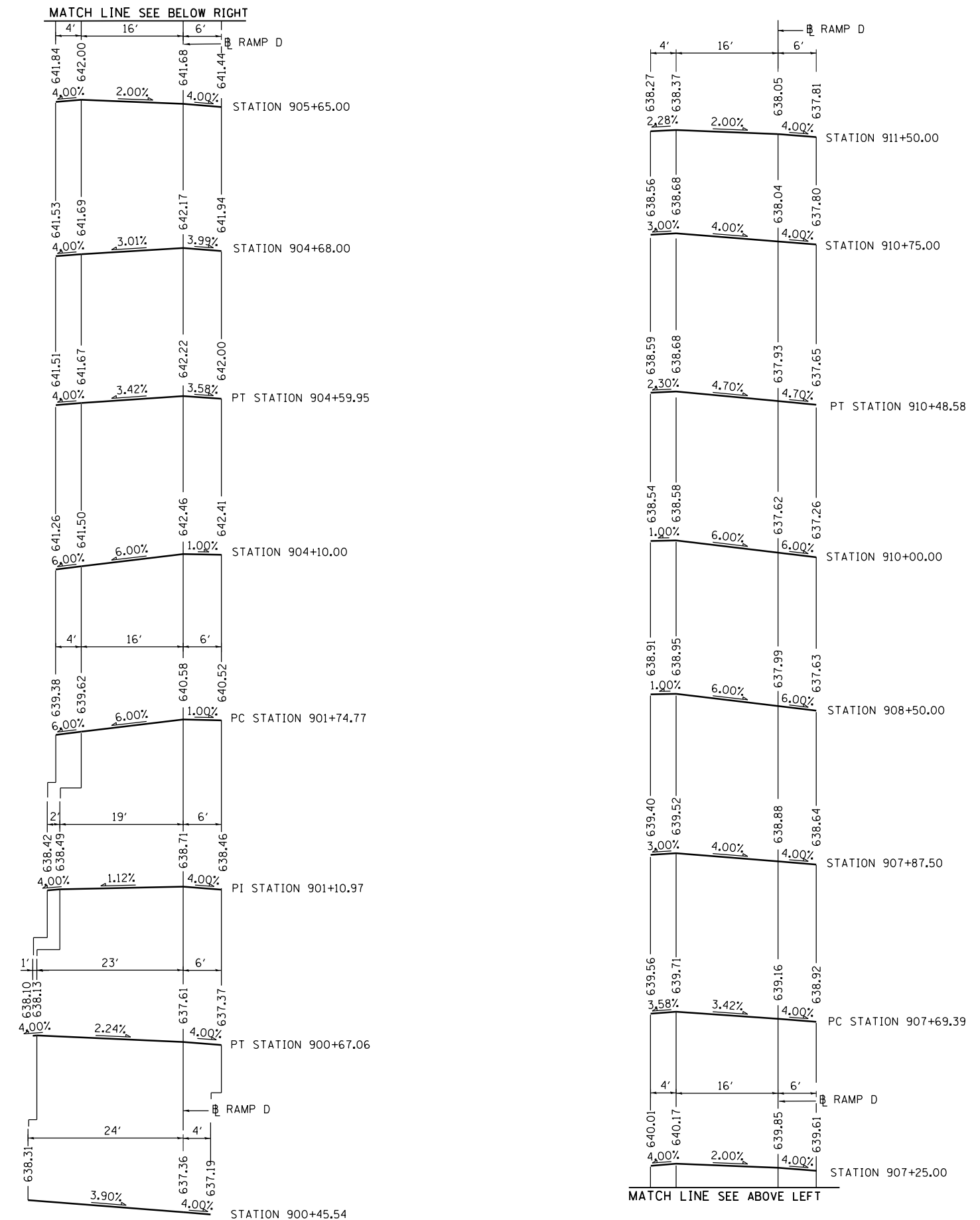
F.A.I. RTE. 90	SECTION (1517 & 1415) R-2	COUNTY COOK	TOTAL SHEETS 734	SHEET NO. 93
CONTRACT NO. 60Y39				
ILLINOIS FED. AID PROJECT				

SCALE: N/A SHEET NO. 1 OF 3 SHEETS STA. - TO STA. -

PD-08



S.E. TRANSITION SECTIONS – RAMP DD



S.E. TRANSITION SECTIONS – RAMP D



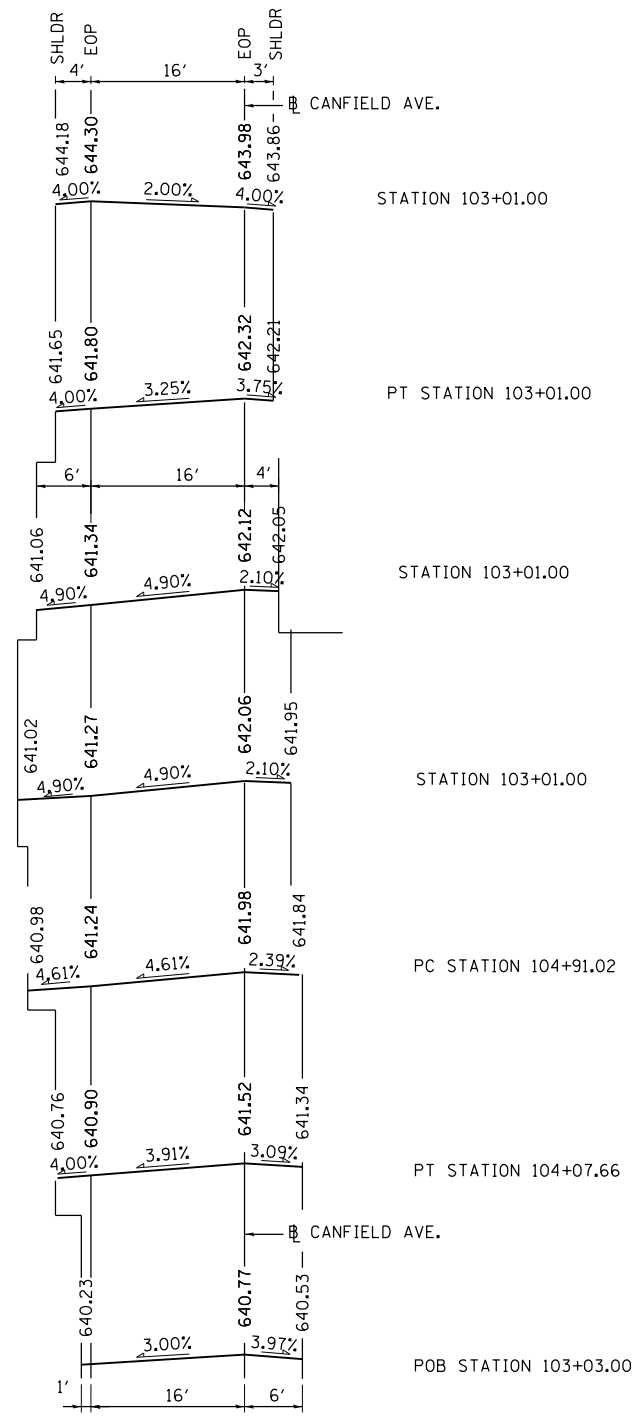
USER NAME = mksrby	DESIGNED BAJ	REVISED -
PLOT SCALE = 2.0000' / in.	DRAWN BAJ	REVISED -
PLOT DATE = 1/29/2018	CHECKED MAM	REVISED -
	DATE 01/19/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

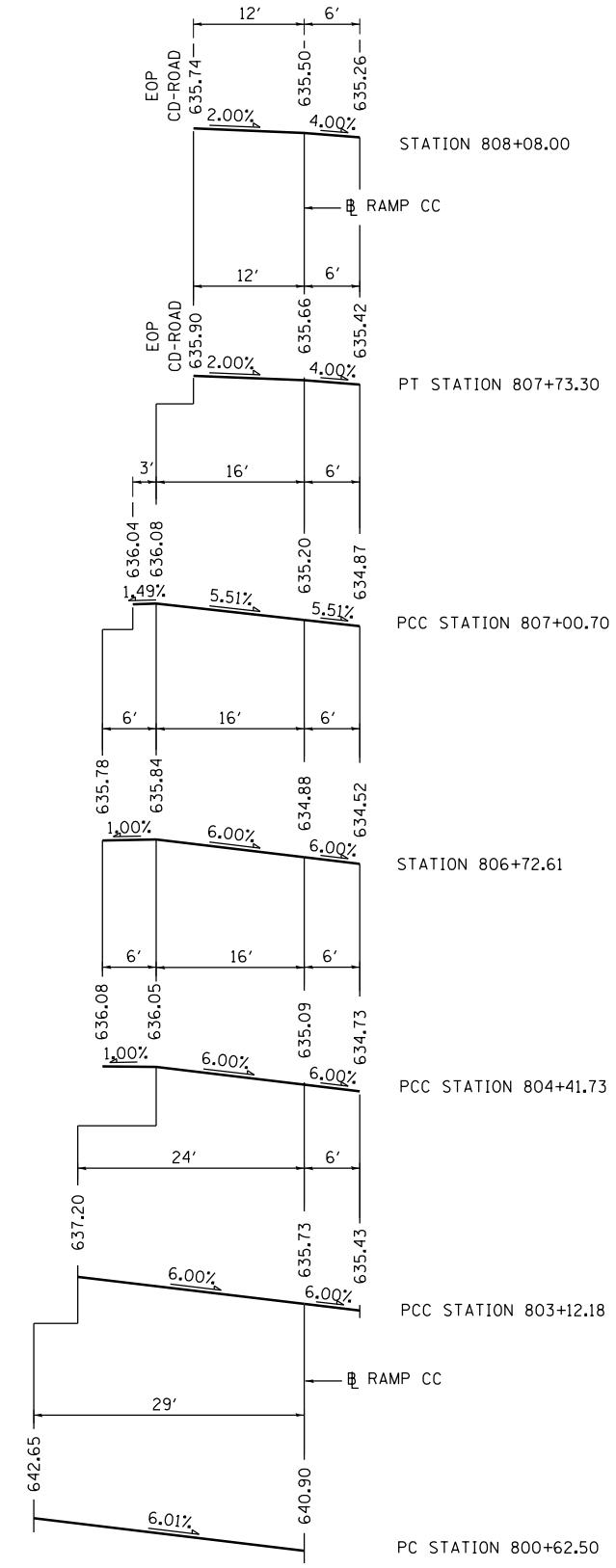
I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
S.E. TRANSITION SECTIONS
RAMP D AND RAMP DD

SCALE: N/A SHEET NO. 2 OF 3 SHEETS STA. - TO STA. -

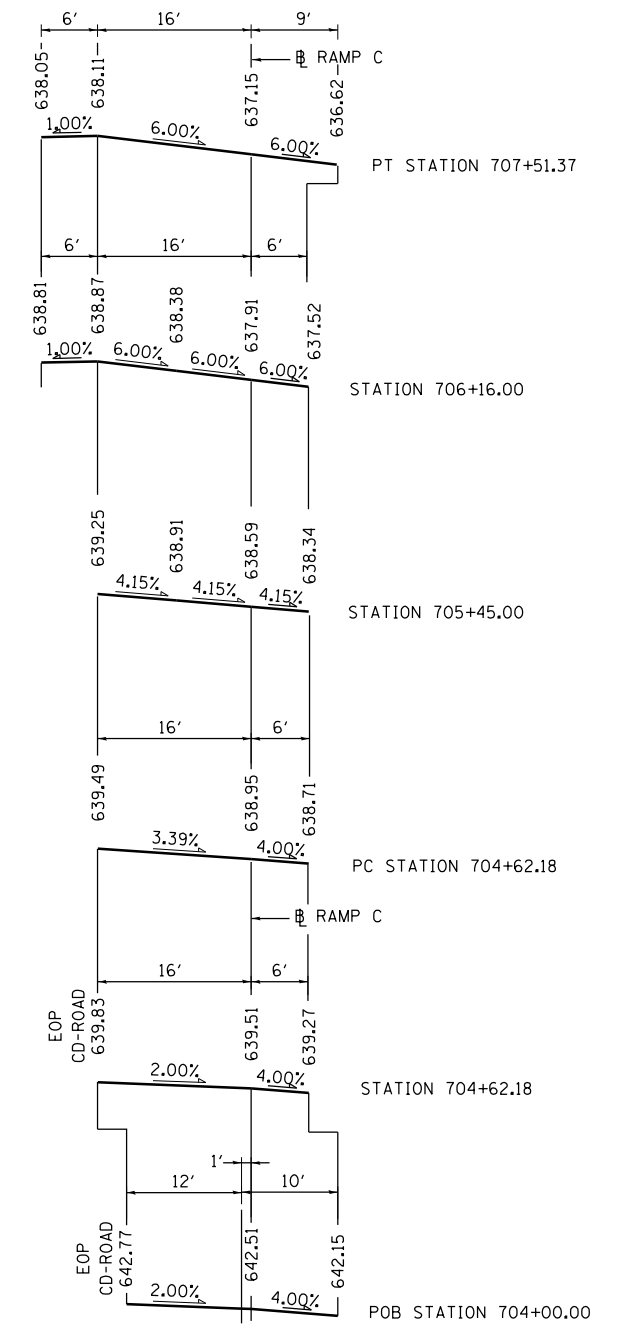
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-2	COOK	734	94
CONTRACT NO. 60Y39				
ILLINOIS FED. AID PROJECT				



S.E. TRANSITION SECTIONS - CANFIELD AVE. EXIT



S.E. TRANSITION SECTIONS - RAMP CC



S.E. TRANSITION SECTIONS - RAMP C



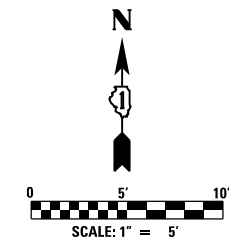
USER NAME = mksrby	DESIGNED BAJ	REVISED -
PLOT SCALE = 2.0000' / in.	DRAWN BAJ	REVISED -
PLOT DATE = 1/29/2018	CHECKED MAM	REVISED -
	DATE 01/19/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

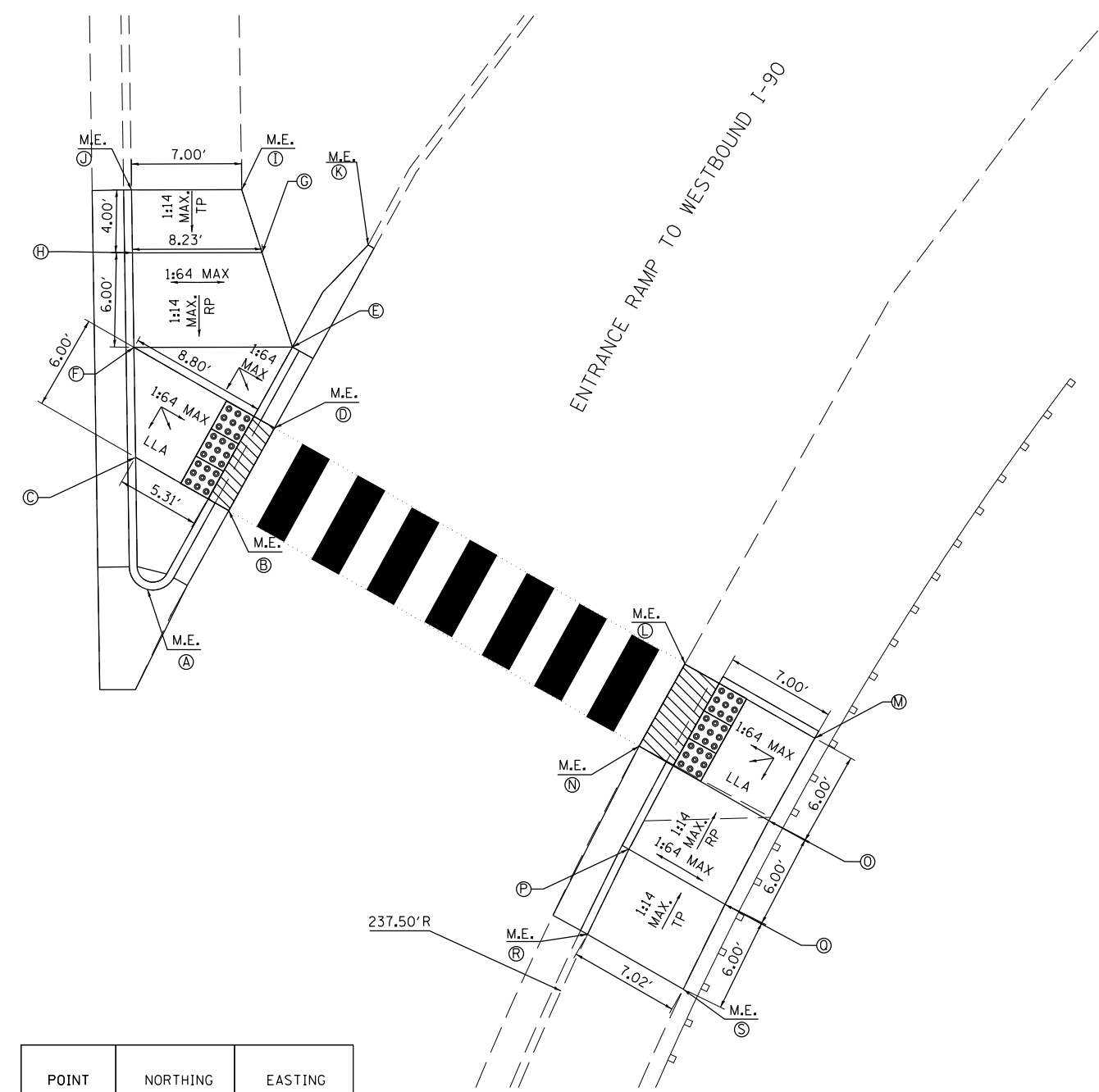
I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
S.E. TRANSITION SECTIONS
RAMP C, RAMP CC AND CANFIELD AVE. EXIT

SCALE: N/A SHEET NO. 3 OF 3 SHEETS STA. - TO STA. -

F.A.I. RTE. 90	SECTION (1517 & 1415) R-2	COUNTY COOK	TOTAL SHEETS 734	SHEET NO. 95
CONTRACT NO. 60Y39			ILLINOIS FED. AID PROJECT	



N. CUMBERLAND AVE.

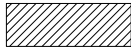

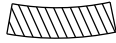


POINT	NORTHING	EASTING
A	1937665.150	1119360.666
B	1937670.161	1119365.824
C	1937673.560	1119359.903
D	1937675.411	1119368.730
E	1937675.411	1119368.730
F	1937680.539	1119359.798
G	1937686.559	1119367.936
H	1937686.539	1119359.708
I	1937690.556	1119366.649
J	1937690.539	1119359.648
K	1937687.043	1119374.679
L	1937660.406	1119394.791
M	1937655.707	1119403.047
N	1937655.197	1119391.886
O	1937650.465	1119400.124
P	1937648.648	1119391.242
Q	1937645.144	1119397.346
R	1937643.243	1119388.607
S	1937639.747	1119394.695

NOTES

- ABBREVIATIONS:
 RP = RAMP
 LLA = LEVEL LANDING AREA
 TP = TRANSITION PANEL
 M.E. = MEET EXISTING
- PROPOSED FINISHED SURFACE GRADE TO MEET PROPOSED GUTTER ELEVATIONS.
 MAX. GUTTER FLAG SLOPE IS 4.17% (CDOT).
 MIN. GUTTER FLAG SLOPE 1.00% (PREFERRED).
- MAX. SLOPES INDICATED PER CDOT ADA REQUIREMENTS.

LEGEND

-  PROPOSED LANDSCAPING AREA
-  DETECTABLE WARNINGS
-  DEPRESSED CURB
- xxx.xx TOP OF CURB ELEVATION
- xxx.xx GUTTER FLOW LINE ELEVATION



USER NAME = PEH	DESIGNED —	REVISED - — — —
PLOT SCALE =	DRAWN —	REVISED - — — —
PLOT DATE = 01/19/2018	CHECKED —	REVISED - — — —
	DATE —	REVISED - — — —

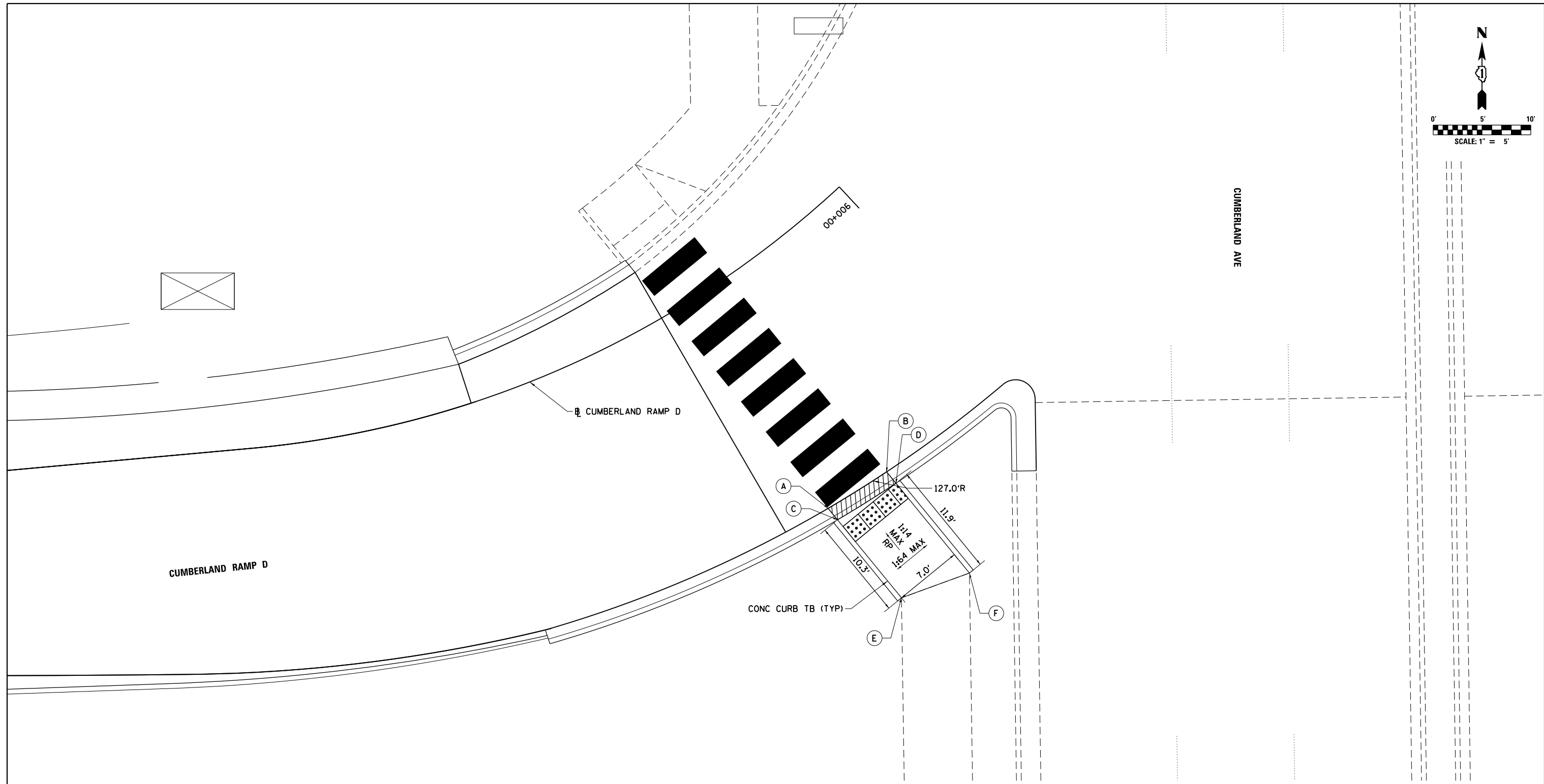
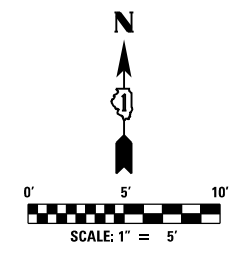
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

N CUMBERLAND AVE I-90 WB ENTRANCE RAMP CURB RAMP LAYOUT

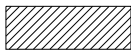


SCALE: 1" = 5' SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE. I-90	SECTION	COUNTY COOK	TOTAL SHEETS 734	SHEET NO. 96
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y39	

ADA-01



POINT	STATION	OFFSET	ELEVATION
A	900+18.69	25.53 LT	637.69 M.E.
B	900+13.05	25.77 LT	637.63 M.E.
C	900+18.55	27.04 LT	637.68
D	900+12.97	27.27 LT	637.62
E	900+17.64	37.31 LT	638.11 M.E.
F	900+12.41	39.14 LT	638.46 M.E.

LEGEND	
	PROPOSED LANDSCAPING AREA
	DETECTABLE WARNINGS
	DEPRESSED CURB



USER NAME = mksrby	DESIGNED MJK	REVISED - -
	DRAWN MJK	REVISED -
PLOT SCALE = 24.0000' / ft.	CHECKED MAM	REVISED -
PLOT DATE = 1/19/2018	DATE 01/19/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
CUMBERLAND AVENUE RAMP D
ADA RAMP LAYOUT**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-2	COOK	734	96A
CONTRACT NO. 60Y39				
ILLINOIS FED. AID PROJECT				

ADA-02

WESTBOUND SHOULDER WIDENING, OVERLAY AND SLIP RAMP

I-90 STATION	OFFSET (L T)	EX LEFT SHLDR	OFFSET (L T)	PR LANE 1 LT EOP	OFFSET (L T)	PR LANE 3 RT EOP	OFFSET (L T)	PR SLIP RAMP LT EOP	OFFSET (L T)	PR SLIP RAMP RT EOP	OFFSET (L T)	PR SLIP RAMP RT SHLDR
3000+00.00	14.90	634.71	24.52	634.94	62.00	634.15	-	-	74.02	633.61	84.02	633.23
3000+25.00	14.50	634.76	24.39	634.98	62.07	634.23	-	-	74.08	633.87	84.08	633.47
3000+50.00	14.08	634.81	24.37	635.04	62.12	634.30	-	-	74.13	633.94	84.13	633.54
3000+75.00	14.19	634.91	24.36	635.10	62.11	634.37	-	-	74.18	634.01	84.18	633.61
3001+00.00	14.20	635.01	24.35	635.15	62.22	634.44	-	-	74.22	634.08	84.22	633.68
3001+25.00	14.14	635.00	24.35	635.19	62.26	634.50	-	-	74.27	634.13	84.27	633.73
3001+50.00	14.18	635.10	24.36	635.26	62.30	634.55	-	-	74.31	634.19	84.31	633.79
3001+75.00	14.16	635.17	24.37	635.31	62.34	634.61	-	-	74.34	634.24	84.34	633.84
3002+00.00	14.10	635.25	24.38	635.36	62.37	634.66	-	-	74.38	634.30	84.38	633.90
3002+25.00	13.99	635.32	24.41	635.38	62.41	634.71	-	-	74.41	634.35	84.41	633.95
3002+50.00	13.84	635.37	24.42	635.42	62.44	634.76	-	-	74.44	634.40	84.44	634.00
3002+75.00	13.77	635.31	24.47	635.46	62.47	634.81	-	-	74.46	634.45	84.47	634.05
3003+00.00	13.86	635.24	24.53	635.48	62.49	634.87	-	-	74.98	634.50	84.98	634.10
3003+25.00	14.02	635.17	24.61	635.52	62.51	634.94	-	-	75.49	634.55	85.49	634.16
3003+50.00	14.20	635.09	24.71	635.57	62.53	635.02	-	-	76.00	634.61	86.01	634.22
3003+75.00	14.40	635.18	24.84	635.61	62.55	635.08	-	-	76.52	634.67	86.52	634.27
3004+00.00	14.62	635.28	24.99	635.65	62.56	635.15	-	-	77.03	634.72	87.03	634.32
3004+25.00	14.87	635.39	25.17	635.71	62.57	635.18	-	-	77.54	634.73	87.55	634.35
3004+50.00	15.13	635.48	25.37	635.77	62.58	635.21	-	-	78.06	634.75	88.04	634.35
3004+75.00	15.46	635.55	25.59	635.84	62.59	635.27	-	-	78.58	634.79	-	-
3005+00.00	15.99	635.62	25.59	635.92	62.59	635.32	-	-	79.06	634.83	-	-
3005+25.00	16.89	635.38	25.59	635.98	62.59	635.38	-	-	79.55	634.86	-	-
3005+50.00	17.62	635.51	25.59	636.04	62.59	635.43	-	-	80.03	634.89	-	-
3005+75.00	17.73	635.69	25.58	636.11	62.58	635.48	-	-	80.51	634.90	-	-
3006+00.00	17.60	635.77	25.63	636.11	62.58	635.51	64.99	635.43	81.00	634.92	-	-
3006+25.00	17.56	635.78	25.67	636.15	62.57	635.53	65.48	635.45	81.48	634.96	-	-
3006+50.00	17.53	635.82	25.71	636.22	62.55	635.55	65.96	635.48	81.96	634.99	-	-
3006+75.00	17.47	635.86	25.75	636.26	62.54	635.61	66.45	635.51	-	-	-	-
3007+00.00	17.40	635.90	25.78	636.32	62.52	635.67	66.93	635.57	-	-	-	-
3007+25.00	17.33	635.96	25.81	636.37	62.50	635.73	67.41	635.63	-	-	-	-
3007+50.00	17.27	636.01	25.85	636.42	62.47	635.79	67.90	635.70	-	-	-	-
3007+75.00	17.25	636.08	25.87	636.47	62.45	635.85	68.38	635.77	-	-	-	-
3008+00.00	17.30	636.13	25.90	636.52	62.42	635.93	68.87	635.84	-	-	-	-
3008+25.00	17.37	636.19	25.92	636.58	62.38	636.00	69.35	635.90	-	-	-	-
3008+50.00	17.42	636.25	25.94	636.63	62.35	636.07	69.83	635.97	-	-	-	-
3008+75.00	17.46	636.31	25.96	636.69	62.31	636.14	70.32	636.04	-	-	-	-
3009+00.00	17.49	636.34	25.97	636.75	62.27	636.23	70.80	636.12	-	-	-	-
3009+25.00	17.51	636.38	25.98	636.78	62.23	636.30	71.29	636.22	-	-	-	-
3009+50.00	17.48	636.41	25.99	636.82	62.18	636.39	71.77	636.33	-	-	-	-
3009+75.00	17.39	636.43	26.00	636.85	62.14	636.47	72.25	636.44	-	-	-	-
3010+00.00	17.31	636.46	26.00	636.89	62.08	636.56	72.74	636.55	-	-	-	-

BEGIN WESTBOUND SHOULDER WIDENING AND OVERLAY

I-90 STATION	OFFSET (L T)	EX LEFT SHLDR	OFFSET (L T)	PR LANE 1 LT EOP	OFFSET (L T)	PR LANE 3 RT EOP	OFFSET (L T)	PR RT SHLDR
3010+25.00	17.39	636.51	26.03	636.92	62.00	636.65	66.22	636.48
3010+50.00	17.83	636.58	26.00	636.96	62.00	636.73	66.70	636.54
3010+75.00	18.54	636.67	26.00	637.00	62.00	636.81	67.19	636.61
3011+00.00	19.35	636.77	26.00	637.04	62.00	636.90	67.67	636.68
3011+25.00	20.19	636.80	26.00	637.05	62.00	636.93	68.16	636.68
3011+50.00	21.03	636.85	26.00	637.06	62.00	636.95	68.64	636.69
3011+75.00	21.89	636.89	26.00	637.06	62.00	636.98	69.13	636.69
3012+00.00	22.74	636.94	26.00	637.07	62.00	637.00	69.61	636.69
3012+25.00	23.55	636.95	26.00	637.03	62.00	636.96	70.09	636.63
3012+50.00	23.62	636.92	26.00	636.98	62.00	636.92	70.58	636.57
3012+75.00	23.62	636.85	26.00	636.94	62.00	636.88	71.06	636.51
3013+00.00	23.63	636.79	26.00	636.89	62.00	636.84	71.55	636.45
3013+25.00	23.17	636.74	26.00	636.82	62.00	636.76	72.00	636.38
3013+50.00	22.63	636.67	26.00	636.75	62.00	636.69	72.00	636.30
3013+75.00	22.08	636.56	26.00	636.68	62.00	636.62	72.00	636.22
3014+00.00	21.53	636.47	26.00	636.60	62.00	636.55	72.00	636.15
3014+25.00	20.99	636.42	26.00	636.53	62.00	636.47	72.00	636.07
3014+50.00	20.46	636.30	26.00	636.46	62.00	636.39	72.00	635.99
3014+75.00	20.02	636.24	26.00	636.39	62.00	636.32	72.00	635.92
3015+00.00	19.64	636.11	26.00	636.32	62.00	636.24	72.00	635.84
3015+25.00	19.28	636.02	26.00	636.25	62.00	636.16	72.00	635.76
3015+50.00	18.88	635.93	26.00	636.18	62.00	636.08	72.00	635.68
3015+75.00	18.30	635.85	26.00	636.11	62.00	635.99	72.00	635.59
3016+00.00	17.69	635.78	26.00	636.04	62.00	635.91	72.00	635.51
3016+25.00	17.42	635.71	26.00	635.96	62.00	635.83	72.00	635.43
3016+50.00	17.60	635.65	26.00	635.89	62.00	635.75	72.00	635.35
3016+75.00	17.56	635.58	26.00	635.82	62.00	635.67	72.00	635.27
3017+00.00	17.53	635.52	26.00	635.74	62.00	635.59	72.00	635.19
3017+25.00	17.50	635.46	26.00	635.68	62.00	635.52	72.00	635.12
3017+50.00	17.48	635.41	26.00	635.62	62.00	635.44	72.00	635.04
3017+75.00	17.47	635.32	26.00	635.56	62.00	635.36	72.00	634.96
3018+00.00	17.46	635.26	26.00	635.50	62.00	635.29	72.00	634.89
3018+25.00	17.45	635.19	26.00	635.44	62.00	635.21	72.00	634.81
3018+50.00	17.45	635.16	26.00	635.39	62.00	635.14	72.00	634.74
3018+75.00	17.44	635.08	26.00	635.32	62.00	635.08	72.00	634.68
3019+00.00	17.43	635.01	26.00	635.25	62.00	635.03	72.00	634.63
3019+25.00	17.43	634.96	26.00	635.22	62.00	635.02	72.00	634.62
3019+50.00	17.42	634.92	26.00	635.18	62.00	635.00	72.00	634.60
3019+75.00	17.39	634.78	26.00	635.14	62.00	634.98	72.00	634.58
3020+00.00	17.35	634.64	26.00	635.10	62.00	634.97	72.00	634.57
3020+25.00	17.32	634.81	26.00	635.14	62.00	635.02	72.00	634.62
3020+50.00	17.29	634.97	26.00	635.18	62.00	635.07	72.00	634.67
3020+75.00	17.29	634.99	26.00	635.22	62.00	635.12	72.00	634.72
3021+00.00	17.31	635.05	26.00	635.27	62.00	635.17	72.00	634.77
3021+25.00	17.32	635.13	26.00	635.38	62.00	635.28	72.00	634.88
3021+50.00	17.34	635.24	26.00	635.50	62.00	635.40	72.00	635.00
3021+75.00	17.32	635.24	26.00	635.61	62.00	635.51	72.00	635.11
3022+00.00	17.30	635.56	26.00	635.73	62.00	635.62	72.00	635.22
3022+25.00	17.62	635.71	26.00	635.86	62.00	635.74	72.00	635.34
3022+50.00	17.26	635.81	26.00	636.00	62.00	635.87	72.00	635.47
3022+75.00	17.26	635.93	26.00	636.14	62.00	635.99	72.00	635.59
3023+00.00	17.25	636.05	26.00	636.27	62.00	636.11	72.00	635.71
3023+25.00	17.25	636.16	26.00	636.41	62.00	636.22	72.00	635.82
3023+50.00	17.26	636.28	26.00	636.54	62.00	636.33	72.00	635.93
3023+75.00	17.29	636.29	26.00	636.67	62.00	636.45	72.00	636.05
3024+00.00	17.34	636.45	26.00	636.81	62.00	636.56	72.00	636.16
3024+25.00	17.38	636.61	26.00	636.92	62.00	636.67	72.00	636.27
3024+50.00	17.40	636.77	26.00	637.04	62.00	636.78	72.00	636.38
3024+75.00	17.39	636.86	26.00	637.15	62.00	636.90	72.00	636.50
3025+00.00	17.37	636.95	26.00	637.27	62.00	637.01	72.00	636.61
3025+25.00	17.34	637.05	26.00	637.38	62.00	637.14	72.15	636.74
3025+50.00	17.33	637.31	26.00	637.48	62.00	637.27	72.59	636.85
3025+75.00	17.34	637.45	26.00	637.60	62.00	637.42	73.03	636.98
3026+00.00	1							

BEGIN WESTBOUND SHOULDER WIDENING AND OVERLAY (Cont.)

I-90 STATION	OFFSET (LT)	EX LEFT SHLDR	OFFSET (LT)	PR LANE 1 LT EOP	OFFSET (LT)	PR LANE 3 RT EOP	OFFSET (LT)	PR RT SHLDR
3028+25.00	18.21	638.40	27.07	638.73	63.08	638.70	77.45	638.12
3028+50.00	18.71	638.50	27.51	638.84	63.52	638.79	77.89	638.21
3028+75.00	19.20	638.61	27.95	638.95	63.95	638.88	78.33	638.29
3029+00.00	19.69	638.73	28.38	639.05	64.40	638.96	78.78	638.39
3029+25.00	20.18	638.85	28.82	639.14	64.82	639.05	79.22	638.44
3029+50.00	20.68	638.98	29.25	639.23	65.26	639.13	79.66	638.50
3029+75.00	21.21	638.99	29.69	639.27	65.69	639.16	80.10	638.56
3030+00.00	21.52	639.01	30.12	639.32	66.13	639.19	80.54	638.61
3030+25.00	21.50	639.05	30.56	639.31	66.56	639.15	80.98	638.58
3030+50.00	21.44	639.04	30.99	639.31	67.00	639.11	81.43	638.54
3030+75.00	21.44	639.05	31.43	639.29	67.43	639.07	81.87	638.49
3031+00.00	21.44	639.00	31.86	639.21	67.87	638.96	82.31	638.39
3031+25.00	21.44	638.92	32.30	639.11	68.30	638.85	82.75	638.27
3031+50.00	21.45	638.78	32.73	638.99	68.74	638.73	83.19	638.16
3031+75.00	21.48	638.36	33.17	638.89	69.17	638.61	83.25	638.05
3032+00.00	21.51	638.38	33.50	638.80	69.50	638.48	83.26	637.93
3032+25.00	21.54	638.41	33.50	638.68	69.50	638.36	83.26	637.81
3032+50.00	21.56	638.35	33.50	638.57	69.50	638.24	83.27	637.69
3032+75.00	21.57	638.22	33.50	638.45	69.50	638.12	83.28	637.57
3033+00.00	21.58	638.10	33.50	638.33	69.50	638.00	83.28	637.45
3033+25.00	21.59	637.96	33.50	638.18	69.50	637.87	83.29	637.32
3033+50.00	21.58	637.83	33.50	638.04	69.50	637.74	83.29	637.19
3033+75.00	21.57	637.56	33.49	637.90	69.49	637.61	83.30	637.05
3034+00.00	21.56	637.40	33.49	637.76	69.49	637.48	83.30	636.93
3034+25.00	21.55	637.33	33.49	637.62	69.49	637.36	83.31	636.80
3034+50.00	21.54	637.26	33.49	637.48	69.49	637.23	83.31	636.68
3034+75.00	21.53	637.10	33.49	637.34	69.49	637.11	83.32	636.56
3035+00.00	21.53	636.95	33.49	637.20	69.49	636.99	83.32	636.43
3035+25.00	21.52	636.80	33.49	637.06	69.49	636.85	83.33	636.30
3035+50.00	21.52	636.64	33.49	636.93	69.49	636.72	83.33	636.17
3035+75.00	21.51	636.33	33.48	636.79	69.48	636.59	83.34	636.04
3036+00.00	21.51	636.21	33.48	636.65	69.48	636.46	83.34	635.91
3036+25.00	21.51	636.19	33.48	636.52	69.48	636.32	83.35	635.77
3036+50.00	21.50	636.12	33.48	636.39	69.48	636.17	83.36	635.62
3036+75.00	21.63	635.99	33.48	636.25	69.48	636.00	83.36	635.44
3037+00.00	21.86	635.88	33.48	636.12	69.48	635.83	83.37	635.27
3037+25.00	22.09	635.77	33.48	635.98	69.48	635.67	83.37	635.12
3037+50.00	22.32	635.62	33.47	635.85	69.47	635.52	83.38	634.96
3037+75.00	22.55	635.32	33.47	635.71	69.47	635.36	83.38	634.80
3038+00.00	22.78	635.28	33.47	635.57	69.47	635.20	83.39	634.64
3038+25.00	23.01	635.18	33.47	635.42	69.47	635.06	83.39	634.50
3038+50.00	23.24	635.11	33.47	635.29	69.47	634.93	83.40	634.37
3038+75.00	23.47	635.13	33.47	635.24	69.47	634.88	83.40	634.32
3039+00.00	23.47	635.15	33.47	635.19	69.47	634.83	83.41	634.28
3039+25.00	23.46	635.17	33.46	635.22	69.46	634.80	83.41	634.24
3039+50.00	23.46	635.20	33.46	635.24	69.46	634.76	83.42	634.21
3039+75.00	23.46	635.22	33.46	635.27	69.46	634.78	83.42	634.22
3040+00.00	23.46	635.24	33.46	635.30	69.46	634.86	83.43	634.31
3040+25.00	23.46	635.27	33.46	635.40	69.46	634.95	83.44	634.39
3040+50.00	23.46	635.20	33.46	635.50	69.46	635.06	83.44	634.50
3040+75.00	22.96	635.30	33.46	635.60	69.46	635.19	83.45	634.63
3041+00.00	22.46	635.40	33.46	635.70	69.46	635.32	83.45	634.76
3041+25.00	21.95	635.52	33.45	635.84	69.45	635.45	83.46	634.89
3041+50.00	21.45	635.71	33.45	635.99	69.45	635.57	83.46	635.01
3041+75.00	20.95	635.84	33.45	636.13	69.45	635.70	83.47	635.14
3042+00.00	20.45	635.97	33.45	636.28	69.45	635.83	83.47	635.26
3042+25.00	19.95	636.09	33.45	636.42	69.45	635.96	83.48	635.40
3042+50.00	19.45	636.22	33.45	636.56	69.45	636.09	83.48	635.53
3042+75.00	18.95	636.32	33.45	636.70	69.45	636.23	83.49	635.66
3043+00.00	18.44	636.46	33.44	636.84	69.44	636.36	83.49	635.80
3043+25.00	17.96	636.59	33.44	636.98	69.44	636.49	83.50	635.92
3043+50.00	18.00	636.72	33.44	637.11	69.44	636.61	83.50	636.05
3043+75.00	18.01	636.84	33.44	637.24	69.44	636.77	83.51	636.20
3044+00.00	18.02	636.97	33.44	637.37	69.44	636.92	83.52	636.36
3044+25.00	18.03	637.10	33.44	637.52	69.44	637.06	83.52	636.50
3044+50.00	18.03	637.23	33.44	637.66	69.44	637.20	83.53	636.64
3044+75.00	18.04	637.31	33.43	637.80	69.43	637.34	83.53	636.78
3045+00.00	18.04	637.39	33.43	637.94	69.43	637.48	83.54	636.92
3045+25.00	18.04	637.47	33.43	638.09	69.43	637.62	83.54	637.06
3045+50.00	18.04	637.79	33.43	638.23	69.43	637.77	83.55	637.21
3045+75.00	18.03	637.95	33.43	638.38	69.43	637.91	83.55	637.35
3046+00.00	18.02	638.09	33.43	638.52	69.43	638.06	83.54	637.49

NOTE: ALL STATION AND OFFSETS SHOWN ARE MEASURED OFF EXISTING I-90

BEGIN WESTBOUND SHOULDER WIDENING AND OVERLAY (Cont.)

I-90 STATION	OFFSET (LT)	EX LEFT SHLDR	OFFSET (LT)	PR LANE 1 LT EOP	OFFSET (LT)	PR LANE 3 RT EOP	OFFSET (LT)	PR RT SHLDR
3046+25.00	18.00	638.23	33.43	638.66	69.43	638.23	83.49	637.66
3046+50.00	17.98	638.34	33.42	638.80	69.42	638.39	83.40	637.83
3046+75.00	17.95	638.42	33.37	638.93	69.37	638.54	83.28	637.98
3047+00.00	17.92	638.51	33.28	639.05	69.28	638.64	83.12	638.09
3047+25.00	17.89	638.60	33.15	639.18	69.15	638.77	82.92	638.22
3047+50.00	17.86	638.84	32.98	639.32	68.98	638.91	82.69	638.36
3047+75.00	17.87	638.98	32.76	639.45	68.76	639.05	82.43	638.50
3048+00.00	17.90	639.10	32.51	639.58	68.51	639.18	82.13	638.64
3048+25.00	17.94	639.20	32.21	639.72	68.21	639.35	81.79	638.80
3048+50.00	17.95	639.29	31.87	639.85	67.88	639.51	81.42	638.97
3048+75.00	17.91	639.41	31.49	639.97	67.50	639.64	81.02	639.10
3049+00.00	17.86	639.54	31.10	640.09	67.10	639.74	80.60	639.21
3049+25.00	17.84	639.66	30.72	640.20	66.73	639.88	80.21	639.34
3049+50.00	17.86	639.87	30.36	640.32	66.36	640.02	79.83	639.48
3049+75.00	17.89	639.99	30.01	640.44	66.01	640.15	79.48	639.61
3050+00.00	17.91	640.11	29.67	640.55	65.67	640.29	79.14	639.75
3050+25.00	17.92	640.24	29.34	640.67	65.34	640.45	78.82	639.91
3050+50.00	17.90	640.36	29.03	640.79	65.03	640.60	78.52	640.06
3050+75.00	17.89	640.42	28.73	640.92	64.73	640.75	78.25	640.21
3051+00.00	18.15	640.55	28.45	641.04	64.45	640.90	77.99	640.36
3051+25.00	18.04	640.74	28.18	641.17	64.18	641.05	77.75	640.50
3051+50.00	17.86	640.93	27.92	641.30	63.92	641.20	77.53	640.66
3051+75.00	17.77	641.08	27.67	641.44	63.68	641.36	77.32	640.82
3052+00.00	17.75	641.23	27.44	641.59	63.44	641.51	77.14	640.97
3052+25.00	17.77	641.38	27.22	641.73	63.23	641.65	76.98	641.10
3052+50.00	17.81	641.52	27.02	641.87	63.02	641.79	76.84	641.24
3052+75.00	17.80	641.66	26.83	642.01	62.83	641.93	76.71	641.37
3053+00.00	17.72	641.79	26.65	642.15	62.65	642.07	76.61	641.51
3053+25.00	17.64	641.80	26.49	642.30	62.49	642.21	76.53	641.65
3053+50.00	17.60	642.08	26.34	642.45	62.34	642.35	76.46	641.78
3053+75.00	17.58	642.25	26.20	642.60	62.20	642.48	76.41	641.92
3054+00.00	17.59	642.44	26.08	642.75	62.08	642.63	76.39	642.05
3054+25.00	17.60	642.61	25.96	642.90	61.96	642.77	76.34	642.19
3054+50.00	17.63	642.77	25.87	643.05	61.87	642.90	76.01	642.33
3054+75.00	17.65	642.87	25.78	643.20	61.78	643.02	75.67	642.46
3055+00.00	17.66	642.97	25.71	643.35	61.71	643.15	75.34	642.60
3055+25.00	17.65	643.06	25.66	643.48	61.66	643.26	75.01	642.73
3055+50.00	17.61	643.27	25.61	643.61	61.61	643.38	74.68	642.86
3055+75.00	17.55	643.39	25.58	643.75	61.58	643.50	74.34	643.00
3056+00.00	17.50	643.50	25.56	643.89	61.56	643.62	74.01	643.13
3056+25.00	17.45	643.61	25.56	643.99	61.56	643.75	73.68	643.27
3056+50.00	17.43	643.72	25.57	644.10	61.57	643.88	73.34	643.41
3056+75.00	17.45	643.86	25					

WESTBOUND SHOULDER WIDENING, OVERLAY AND TAPER TO WB CD ROAD (Cont.)

I-90 STATION	OFFSET (LT)	EX LEFT SHLDR	OFFSET (LT)	PR LANE 1 LT EOP	OFFSET (LT)	PR LANE 3 RT EOP	OFFSET (LT)	PR GORE AREA	OFFSET (LT)	PR WB - CD RD LT EOP	OFFSET (LT)	PR WB - CD RD RT EOP	OFFSET (LT)	PR WB - CD RD RT SHLDR
3063+25.00	17.55	646.74	25.87	646.97	61.87	646.95	-	-	66.71	646.83	-	-	-	-
3063+50.00	17.54	646.72	25.88	646.93	61.88	646.90	-	-	66.32	646.79	-	-	-	-
3063+75.00	17.53	646.66	25.89	646.89	61.89	646.86	-	-	65.93	646.76	89.93	646.16	99.97	645.76
3064+00.00	17.52	646.58	25.90	646.85	61.90	646.80	-	-	65.55	646.72	89.54	646.12	99.58	645.71
3064+25.00	17.52	646.47	25.91	646.72	61.91	646.66	-	-	65.15	646.58	89.15	645.98	99.19	645.58
3064+50.00	17.54	646.30	25.92	646.58	61.92	646.52	-	-	64.78	646.45	88.76	645.85	98.80	645.45
3064+75.00	17.57	645.99	25.93	646.44	61.93	646.37	-	-	64.37	646.31	88.38	645.71	98.42	645.31
3065+00.00	17.61	646.01	25.95	646.30	61.95	646.23	-	-	64.01	646.18	87.99	645.58	98.03	645.17
3065+25.00	17.65	645.81	25.96	646.09	61.96	646.00	-	-	63.60	645.96	87.61	645.36	97.64	644.96
3065+50.00	17.67	645.58	25.97	645.88	61.97	645.78	-	-	63.24	645.74	87.22	645.14	97.25	644.74
3065+75.00	17.67	645.29	25.98	645.67	61.98	645.55	-	-	62.86	645.53	86.84	644.93	96.87	644.52
3066+00.00	17.65	644.99	25.99	645.45	61.93	645.32	-	-	62.47	645.31	86.46	644.71	96.48	644.31

WESTBOUND WIDENING, ADD LANE AND OVERLAY (Cont.)

I-90 STATION	OFFSET (LT)	EX LEFT SHLDR	OFFSET (LT)	PR LANE 1 LT EOP	OFFSET (LT)	PR LANE 3 RT EOP	OFFSET (LT)	PR ADD LANE RT EOP	OFFSET (LT)	PR RT SHLDR
3079+75.00	18.20	636.97	26.00	637.31	62.00	637.14	73.67	636.85	83.67	636.45
3080+00.00	18.19	637.10	26.00	637.43	62.00	637.26	74.00	636.96	84.00	636.71
3080+25.00	18.18	637.23	26.00	637.55	62.00	637.40	74.00	637.10	84.00	636.69
3080+50.00	18.18	637.33	26.00	637.68	62.00	637.53	74.00	637.23	84.00	636.84
3080+75.00	18.17	637.37	26.00	637.81	62.00	637.67	74.00	637.37	84.00	636.96
3081+00.00	18.16	637.45	26.00	637.92	62.00	637.80	74.00	637.50	84.00	637.10
3081+25.00	18.16	637.45	26.00	638.06	62.00	637.92	74.00	637.62	84.00	637.22
3081+50.00	18.15	637.89	26.00	638.18	62.00	638.04	74.00	637.74	84.00	637.50
3081+75.00	18.13	637.99	26.00	638.31	62.00	638.15	74.00	637.86	84.00	637.46
3082+00.00	18.11	638.10	26.00	638.44	62.00	638.27	74.00	637.97	84.00	637.57
3082+25.00	18.10	638.21	26.00	638.55	62.00	638.39	74.00	638.09	84.00	637.83
3082+50.00	18.10	638.32	26.00	638.67	62.00	638.51	74.00	638.21	84.00	637.81
3082+75.00	18.12	638.38	26.00	638.78	62.00	638.62	74.00	638.33	84.00	637.93
3083+00.00	18.14	638.39	26.00	638.90	62.00	638.74	74.00	638.44	84.00	638.21
3083+25.00	18.18	638.63	26.00	639.00	62.00	638.86	74.00	638.57	84.00	638.17
3083+50.00	18.21	638.82	26.00	639.11	62.00	638.99	74.00	638.69	84.00	638.29
3083+75.00	18.26	638.94	26.00	639.21	62.00	639.11	74.00	638.82	84.00	638.56
3084+00.00	18.31	639.07	26.00	639.31	62.00	639.23	74.00	638.94	84.00	638.54
3084+25.00	18.33	639.18	26.00	639.43	62.00	639.42	74.00	639.20	84.00	638.80
3084+50.00	18.32	639.23	26.00	639.55	62.00	639.60	74.00	639.46	84.00	639.20
3084+75.00	18.28	639.09	26.00	639.66	62.00	639.79	74.00	639.73	84.00	639.33
3085+00.00	18.23	639.29	26.00	639.78	62.00	639.97	74.00	639.99	84.00	639.59
3085+25.00	18.19	639.53	26.00	639.84	62.00	640.14	74.00	640.22	84.00	639.86
3085+50.00	18.14	639.70	26.00	639.91	62.00	640.32	74.00	640.45	84.00	640.05
3085+75.00	18.10	639.75	26.00	639.98	62.00	640.49	74.00	640.68	84.00	640.28
3086+00.00	18.06	639.80	26.00	640.04	62.00	640.66	74.00	640.91	84.00	640.51
3086+25.00	18.10	639.79	26.00	640.03	62.00	640.77	74.00	641.05	84.00	640.65
3086+50.00	18.25	639.78	26.00	640.02	62.00	640.86	74.00	641.19	84.00	640.79
3086+75.00	18.40	639.79	26.00	640.01	62.00	640.96	74.00	641.32	84.00	641.20
3087+00.00	18.51	639.73	26.00	639.97	62.00	641.01	74.00	641.37	84.00	641.47

WESTBOUND WIDENING, ADD LANE AND OVERLAY

I-90 STATION	OFFSET (LT)	EX LEFT SHLDR	OFFSET (LT)	PR LANE 1 LT EOP	OFFSET (LT)	PR LANE 3 RT EOP	OFFSET (LT)	PR ADD LANE RT EOP	OFFSET (LT)	PR RT SHLDR
3066+25.00	17.63	644.76	26.00	645.15	62.00	645.02	86.09	644.42	96.09	644.23
3066+50.00	17.62	644.64	26.01	644.85	62.00	644.73	85.71	644.14	95.70	644.14
3066+75.00	17.62	644.31	26.02	644.55	62.00	644.43	85.33	643.85	95.31	644.05
3067+00.00	17.64	643.98	26.03	644.27	62.00	644.14	84.96	643.57	94.96	643.17
3067+25.00	17.66	643.63	26.04	643.90	62.00	643.80	84.59	643.23	94.59	642.87
3067+50.00	17.68	643.23	26.06	643.55	62.00	643.45	84.22	642.90	94.22	642.54
3067+75.00	17.70	642.78	26.07	643.20	62.00	643.11	83.85	642.56	93.85	642.20
3068+00.00	17.72	642.56	26.08	642.87	62.00	642.76	83.48	642.23	93.48	641.83
3068+25.00	17.73	642.21	26.09	642.50	62.00	642.40	83.11	641.87	93.11	641.49
3068+50.00	17.73	641.83	26.10	642.14	62.00	642.03	82.75	641.51	92.75	641.14
3068+75.00	17.72	641.40	26.11	641.78	62.00	641.66	82.38	641.15	92.39	640.77
3069+00.00	17.72	640.97	26.12	641.41	62.00	641.29	82.02	640.79	92.02	640.41
3069+25.00	17.71	640.57	26.13	641.04	62.00	640.92	81.66	640.43	91.66	640.04
3069+50.00	17.71	640.41	26.14	640.67	62.00	640.54	81.30	640.06	91.30	639.68
3069+75.00	17.73	640.04	26.15	640.30	62.00	640.17	80.94	639.70	90.94	639.31
3070+00.00	17.75	639.67	26.17	639.92	62.00	639.80	80.59	639.34	90.59	638.95
3070+25.00	17.78	639.29	26.18	639.56	62.00	639.42	80.23	638.97	90.23	638.59
3070+50.00	17.82	638.90	26.19	639.20	62.00	639.04	79.88	638.59	89.88	638.21
3070+75.00	17.85	638.49	26.20	638.84	62.00	638.65	79.53	638.21	89.53	637.84
3071+00.00	17.87	638.26	26.21	638.47	62.00	638.27	79.18	637.84	89.18	637.46
3071+25.00	17.90	637.93	26.22	638.11	62.00	637.91	78.83	637.49	88.83	637.08
3071+50.00	17.93	637.58	26.23	637.75	62.00	637.54	78.48	637.13	88.48	636.69
3071+75.00	17.96	637.18	26.24	637.40	62.00	637.18	78.13	636.78	88.13	636.37
3072+00.00	17.98	636.78	26.25	637.03	62.00	636.82	77.79	636.43	87.79	636.05
3072+25.00	17.97	636.40	26.27	636.73	62.00	636.54	77.44	636.16	87.44	635.72
3072+50.00	17.94	635.99	26.28	636.43	62.00	636.25	77.10	635.89	87.10	635.40
3072+75.00	17.90	635.56	26.29	636.13	62.00	635.97	76.76	635.60	86.76	635.18
3073+00.00	17.86	635.54	26.30	635.82	62.00	635.69	76.42	635.33	86.42	634.92
3073+25.00	17.83	635.35	26.31	635.64	62.00	635.51	76.08	635.16	85.86	634.70
3073+50.00	17.84	635.18	26.32	635.47	62.00	635.32	75.75	634.99	84.26	634.54
3073+75.00	17.88	634.99	26.33	635.29	62.00	635.14	75.41	634.82	82.71	634.46
3074+00.00	17.95	634.81	26.34	635.11	62.00	634.96	75.08	634.64	81.23	634.35
3074+25.00	18.00	634.73	26.35	635.11	62.00	634.96	70.88	634.68	79.79	634.26
3074+50.00	18.00	634.70	26.36	635.11	62.00	634.96	70.59	634.71	78.41	634.21
3074+75.00	17.99	634.76	26.38	635.11	62.00	634.96	70.29	634.74	77.09	634.36
3075+00.00	17.97	634.82	26.24	635.11	62.00	634.98	70.00	634.77	75.82	634.52
3075+25.00	17.96	634.91	26.10	635.18	62.00	635.05	70.00	634.86	74.98	634.66
3075+50.00	17.96	635.01	26.02	635.28	62.00	635.15	70.00	634.96	74.84	634.76
3075+75.00	18.00	635.04	26.00	635.38	62.00	635.25	70.00	635.06	74.75	634.87
3076+00.00	18.06	635.07	26.00	635.48	62.00	635.36	70.00	635.15	75.15	634.95
3076+25.00	18.11	635.20	26.00	635.60	62.00	635.46	70.00	635.25	76.20	635.00
3076+50.00	18.13	635.43	26.00	635.72	62.00	635.56	70.00	635.36	77.25	635.07
3076+75.00	18.15	635.56	26.00	635.84	62.00	635.70	70.00	635.50	78.29	635.17
3077+00.00	18.17	635.70	26.00	635.95	62.00	635.84	70.00	635.64	79.34	635.27
3077+25.00	18.18	635.83	26.00	636.07	62.00	635.97	70.33	635.76	80.33	635.37
3077+50.00	18.18	635.98	26.00	636.19	62.00	636.10	70.67	635.88	80.67	635.51
3077+75.00	18.18	636.09	26.00	636.31	62.00	636.22	71.00	635.99	81.00	635.60
3078+00.00	18.19	636.20	26.00	636.43	62.00	636.33	71.33	636.10	81.33	635.69
3078+25.00	18.19									

WESTBOUND WIDENING, ADD LANE AND OVERLAY

I-90 STATION	OFFSET (LT)	EX LEFT SHLDR	OFFSET (LT)	PR LANE 1 LT EOP	OFFSET (LT)	PR LANE 3 RT EOP	OFFSET (LT)	PR ADD LANE RT EOP	OFFSET (LT)	PR RT SHLDR
3093+00.00	18.53	636.71	26.00	637.11	62.00	637.69	74.00	637.88	86.93	637.38
3093+25.00	18.52	636.59	26.00	636.98	62.00	637.46	74.00	637.60	86.84	637.08
3093+50.00	18.45	636.53	26.00	636.85	62.00	637.23	74.00	637.31	86.76	636.84
3093+75.00	18.37	636.42	26.00	636.72	62.00	637.00	74.00	637.03	86.67	636.52
3094+00.00	18.28	636.31	26.00	636.63	62.00	636.84	74.00	636.81	86.54	636.31
3094+25.00	18.20	636.21	26.00	636.57	62.00	636.73	74.00	636.62	86.38	636.12
3094+50.00	18.12	636.11	26.00	636.50	62.00	636.61	74.00	636.44	86.23	635.95
3094+75.00	18.05	635.97	26.00	636.43	62.00	636.48	74.00	636.25	86.07	635.83
3095+00.00	17.98	635.84	26.00	636.36	62.00	636.36	74.00	636.06	85.91	635.59
3095+25.00	17.90	635.94	26.00	636.48	62.00	636.45	74.00	636.15	85.76	635.68
3095+50.00	17.83	636.18	26.00	636.59	62.00	636.54	74.00	636.23	85.60	635.85
3095+75.00	17.76	636.29	26.00	636.70	62.00	636.62	74.00	636.31	85.44	635.86
3096+00.00	17.70	636.40	26.00	636.82	62.00	636.70	74.00	636.40	85.29	636.03
3096+25.00	17.63	636.51	26.00	637.06	62.00	636.86	74.00	636.56	85.13	636.11
3096+50.00	17.58	636.96	26.00	637.29	62.00	637.02	74.00	636.72	84.97	636.28
3096+75.00	17.56	637.23	26.00	637.53	62.00	637.18	74.00	636.88	84.82	636.52
3097+00.00	17.57	637.48	26.00	637.77	62.00	637.34	74.00	637.04	84.66	636.61
3097+25.00	17.60	637.74	26.00	637.99	62.00	637.48	74.00	637.17	84.50	636.91
3097+50.00	17.63	637.98	26.00	638.21	62.00	637.62	74.00	637.31	84.35	636.89
3097+75.00	17.71	638.08	26.00	638.43	62.00	637.76	74.00	637.44	84.19	637.04
3098+00.00	17.86	638.11	26.00	638.65	62.00	637.90	74.00	637.58	84.03	637.24
3098+25.00	17.98	638.53	26.00	638.84	62.00	638.06	74.00	637.70	84.00	637.30
3098+50.00	17.96	638.87	26.00	639.05	62.00	638.21	74.00	637.81	84.00	637.41
3098+75.00	17.98	639.09	26.00	639.29	62.00	638.37	74.00	637.93	84.00	637.58
3099+00.00	18.05	639.32	26.00	639.51	62.00	638.53	74.00	638.04	84.00	637.74
3099+25.00	18.11	639.56	26.00	639.75	62.00	638.75	74.00	638.26	84.00	637.96
3099+50.00	18.12	639.80	26.00	639.99	62.00	638.96	74.00	638.48	84.00	638.08
3099+75.00	18.17	640.04	26.00	640.23	62.00	639.18	74.00	638.69	84.00	638.29
3100+00.00	18.26	640.28	26.00	640.48	62.00	639.39	74.00	638.91	84.00	638.52
3100+25.00	18.36	640.52	26.00	640.73	62.00	639.64	74.00	639.16	84.00	638.82
3100+50.00	18.43	640.76	26.00	640.98	62.00	639.90	74.00	639.42	84.00	639.13
3100+75.00	18.49	640.98	26.00	641.23	62.00	640.15	74.00	639.67	84.00	639.29
3101+00.00	18.53	641.21	26.00	641.50	62.00	640.40	74.00	639.92	84.00	639.55
3101+25.00	18.56	641.44	26.00	641.72	62.00	640.66	74.00	640.17	84.00	639.84
3101+50.00	18.59	641.67	26.00	641.94	62.00	640.90	74.00	640.42	84.00	640.02
3101+75.00	18.63	641.89	26.00	642.18	62.00	641.16	74.00	640.67	84.00	640.27
3102+00.00	18.67	642.12	26.00	642.42	62.00	641.40	74.00	640.92	84.00	640.52
3102+25.00	18.71	642.35	26.00	642.62	62.00	641.62	74.00	641.14	84.00	640.74
3102+50.00	18.73	642.58	26.00	642.83	62.00	641.85	74.00	641.37	84.00	640.98
3102+75.00	18.65	642.78	26.00	643.05	62.00	642.08	74.00	641.59	84.00	641.20
3103+00.00	18.61	642.98	26.00	643.28	62.00	642.30	74.00	641.82	83.80	641.43
3103+25.00	18.77	643.16	26.00	643.41	62.00	642.46	74.00	641.98	83.07	641.69
3103+50.00	19.22	643.33	26.00	643.56	62.00	642.63	74.00	642.14	81.81	641.87
3103+75.00	19.53	643.48	26.00	643.70	62.00	642.79	74.00	642.31	80.04	642.09
3104+00.00	19.61	643.59	26.00	643.87	62.00	642.96	74.00	642.47	78.00	642.31
3104+25.00	19.50	643.69	26.00	643.91	62.00	643.00	74.00	642.52	78.00	642.36
3104+50.00	19.23	643.87	26.00	643.95	62.00	643.04	74.00	642.57	78.00	642.41
3104+75.00	19.20	643.84	26.00	644.00	62.00	643.09	74.00	642.62	78.00	642.46
3105+00.00	19.31	643.86	26.00	644.06	62.00	643.14	74.00	642.66	78.00	642.50
3105+25.00	19.50	643.86	26.00	644.00	62.00	643.12	74.00	642.63	78.00	642.47
3105+50.00	19.62	643.84	26.00	643.96	62.00	643.10	74.00	642.60	78.00	642.45
3105+75.00	19.71	643.76	26.00	643.91	62.00	643.07	74.00	642.57	78.00	642.42
3106+00.00	19.76	643.67	26.00	643.88	62.00	643.05	74.44	642.55	78.00	642.40
3106+25.00	19.83	643.59	26.00	643.75	62.00	642.97	74.94	642.47	78.27	642.34
3106+50.00	19.94	643.49	26.00	643.63	62.00	642.89	75.44	642.40	79.01	642.25
3106+75.00	19.96	643.35	26.00	643.52	62.00	642.82	75.94	642.31	79.90	642.15
3107+00.00	19.88	643.17	26.00	643.41	62.00	642.74	76.44	642.21	80.61	642.04
3107+25.00	19.79	643.00	26.00	643.21	62.00	642.64	76.94	642.16	81.17	641.99
3107+50.00	19.74	642.80	26.00	643.02	62.00	642.55	77.44	642.10	81.60	641.93
3107+75.00	19.66	642.58	26.00	642.77	62.00	642.42	77.94	641.99	81.98	641.83

WESTBOUND WIDENING, OVERLAY AND HARLEM AVE ENTRANCE RAMP

I-90 STATION	OFFSET (LT)	EX LEFT SHLDR	OFFSET (LT)	PR LANE 1 LT EOP	OFFSET (LT)	PR LANE 3 RT EOP	OFFSET (LT)	PR WB RT SHLDR	OFFSET (LT)	PR RAMP LT SHLDR	OFFSET (LT)	PR RAMP LT EOP	OFFSET (LT)	PR RAMP RT EOP	OFFSET (LT)	PR RAMP RT SHLDR
3108+00.00	19.58	642.21	26.00	642.51	62.00	642.29	-	-	-	-	62.44	642.28	78.44	641.88	82.44	641.72
3108+25.00	19.49	641.81	26.00	642.26	62.00	642.10	-	-	-	-	62.94	642.07	78.94	641.68	82.94	641.52
3108+50.00	19.40	641.80	26.00	642.01	62.00	641.90	-	-	-	-	63.44	641.86	79.44	641.46	83.44	641.30
3108+75.00	19.29	641.51	26.00	641.76	62.00	641.71	-	-	-	-	63.94	641.66	79.94	641.26	83.94	641.10
3109+00.00	19.18	641.21	26.00	641.51	62.00	641.51	-	-	-	-	64.44	641.45	80.44	641.05	84.44	640.89
3109+25.00	19.07	640.91	26.00	641.22	62.00	641.26	-	-	-	-	64.94	641.19	80.94	640.78	84.94	640.62
3109+50.00	19.02	640.62	26.00	640.91	62.00	640.97	-	-	-	-	65.44	640.89	81.44	640.48	85.44	640.32
3109+75.00	19.20	640.34	26.00	640.60	62.00	640.68	-	-	-	-	65.94	640.58	81.94	640.18	85.94	640.02
3110+00.00	19.58	640.07	26.00	640.30	62.00	640.39	-	-	-	-	66.44	640.28	82.44	639.88	86.44	639.72
3110+25.00	20.06	639.80	26.00	640.01	62.00	640.11	-	-	-	-	66.94	639.98	82.94	639.59	86.94	639.43
3110+50.00	20.54	639.54	26.00	639.72	62.00	639.83	-	-	-	-	67.44	639.69	83.44	639.29	87.44	639.13
3110+75.00	21.14	639.24	26.00	639.43	62.00	639.54	-	-	-	-	67.94	639.39	83.94	638.99	87.94	638.83
3111+00.00	21.81	638.97	26.00	639.14	62.00	639.25	-	-	-	-	68.44	639.09	84.44	638.69	88.44	638.53
3111+25.00	22.33	638.68	26.00	638.86	62.00	638.97	-	-	-	-	68.94	638.80	84.94	638.40	88.94	638.23
3111+50.00	22.53	638.42	26.00	638.57	62.00	638.69	-	-	-	-	69.44	638.51	85.44	638.10	89.44	637.94
3111+75.00	22.58	638.12	26.00	638.29	62.00	638.40	-	-	-	-	69.94	638.21	85.94	637.80	89.94	637.64
3112+00.00	22.59	637.85	26.00	637.98	62.00	638.11	65.00	638.00	67.94	638.02	70.45	638.11	86.45	637.72	90.44	637.56
3112+25.00	22.57	637.55	26.00	637.66	62.00	637.82	65.00	637.77	68.44	637.94	71.04	638.02	87.04	637.65	90.94	637.50
3112+50.00	22.56	637.20	26.00	637.35	62.00	637.52	65.00	637.50	68.94	637.86	71.74	637.94	87.74	637.58	91.44	637.42
3112+75.00	22.55	636.76	26.00	637.03	62.00	637.23	65.00	637.20	69.44	637.78	72.54	637.85	88.55	637.50	91.94	637.37
3113+00.00	22.54	636.33	26.00	636.72	62.00	636.94	65.00	637.90	69.94	637.69	73.46	637.77	89.47	637.42	92.44	637.30
3113+25.00	22.52	635.93	26.00	636.37	62.00	636.65	65.00	637.60	70.63	637.95	74.49	638.06	90.50	637.74	92.53	637.66
3113+50.00	22.49	635.81	26.00	636.03	62.00	636.36	65.00	636.30	72.02	638.28	75.62	638.36	91.64	638.11	93.36	638.04
3113+75.00	22.44	635.45	26.00	635.79	62.00	636.09	65.00	636.00	73.70	638.64	76.87	638.73	92.89	638.69	95.00	638.60
3114+00.00	22.39	635.09	26.00	635.55	62.00	635.82	65.00	635.75	75.38	639.00	78.22	639.10	94.25	639.26	96.65	639.16
311																