

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	557	1
ILLINOIS			60Y38	

FOR INDEX OF SHEETS, SEE SHEET NO. 3

DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

F.A.I. ROUTE 90
FROM IL 171 (CUMBERLAND AVENUE)
TO IL 43 (HARLEM AVENUE)
SECTION (1517 & 1415) R-3
PROJECT ACCMI-ACSTP-0090(403)

RESURFACING, WIDENING, DRAINAGE, LIGHTING,
SIGNING (NEW), RETAINING WALL, ITS (NEW)

COOK COUNTY

C-91-376-14



LOCATION OF SECTION INDICATED THUS: - ■ -

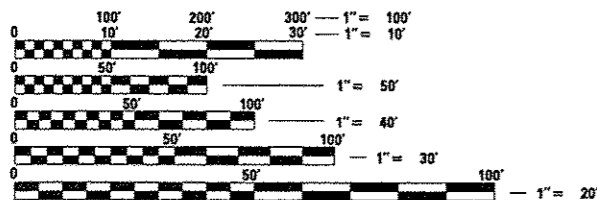
TRAFFIC DATA

- EB I-90 (PROJECT LIMITS TO CUMBERLAND RAMP BB)
EXISTING ADT: 177,900 (2014)
- EB I-90 (CUMBERLAND RAMP BB TO CUMBERLAND RAMP B)
EXISTING ADT: 172,400 (2014)
- EB I-90 (CUMBERLAND RAMP B TO CANFIELD RD ENTRANCE RAMP)
EXISTING ADT: 187,600 (2014)
- EB I-90 (CANFIELD RD ENTRANCE RAMP TO HARLEM RAMP A)
EXISTING ADT: 194,400 (2014)
- EB I-90 (HARLEM RAMP A TO PROJECT LIMITS)
EXISTING ADT: 186,400 (2014)

RETAINING WALLS

- RETAINING WALL 1
SN-016-Z033
STA. 3075+98 TO STA. 3085+20, RIGHT
- RETAINING WALL 2
SN-016-Z034
STA. 10+95 TO STA. 14+95, RIGHT (CANFIELD RAMP)
STA. 3085+93 TO STA. 3093+72, RIGHT
- RETAINING WALL 3
SN-016-Z035
STA. 3094+62 TO STA. 3101+00, RIGHT

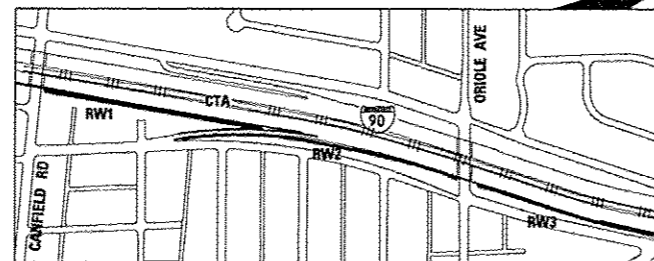
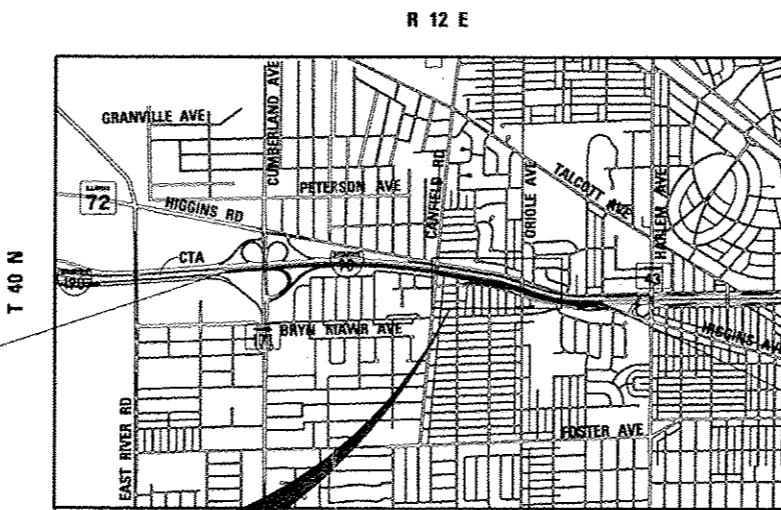
**PROJECT LOCATED IN THE
CITY OF CHICAGO**



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

DISTRICT 1 - DESIGN/CONSULTANT SERVICES SECTION
SERIN KELLER (847)705-4556
CONTRACT NO. 60Y38



LOCATION MAP

N.T.S.

Expressway Reconstruction and Widening:	FEET	MILE
Mainline (I-90)	7,900	1.50
Ramps	3,168	0.6
GROSS LENGTH	11,068	2.1
NET LENGTH	11,068	2.1
Arterial Widening and Resurfacing		
Higgins Ave.	3,030	0.57
GROSS LENGTH	3,030	0.57
NET LENGTH	3,030	0.57

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

FOR SIGNATURES, SEE SHEET NO. 2

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED 5/3 2016

John Fortmann
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

July 1 2016
Maureen M. Addis, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

July 1 2016
Omar Osmeen, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS**



HNTB CORPORATION
CIVIL

Matthew A. Miller 5/5/16
DATE

MATTHEW A. MILLER
ILLINOIS REGISTRATION NO: 082-060879
EXP DATE: 11/30/2017
APPLY TO SHEETS:
1-49, 58-80, 181-203 (CIVIL PORTION), 205-208, 496-557



exp U.S. SERVICES INC.
CIVIL

Byron T. Danley 5/5/16
DATE

BYRON T. DANLEY
ILLINOIS REGISTRATION NO: 062-044058
EXP DATE: 11/30/2017
APPLY TO SHEETS:
50-57, 81-141, 164-180,



HNTB CORPORATION
ELECTRICAL

Onyekachim Anyikwa 5/5/16
DATE

ONYEKACHIM ANYIKWA
ILLINOIS REGISTRATION NO: 082-064401
EXP DATE: 11/30/2017
APPLY TO SHEETS:
239-289



exp U.S. SERVICES INC.
STRUCTURAL

Byron T. Danley 5/5/16
DATE

BYRON T. DANLEY
ILLINOIS REGISTRATION NO: 081-004737
EXP DATE: 11/30/2016
APPLY TO SHEETS:
228-238, 413-422, 432-449



HNTB CORPORATION
ITS

Youngjae Ju 5-5-16
DATE

YOUNGJAE JU
ILLINOIS REGISTRATION NO: 082-054024
EXP DATE: 11/30/2017
APPLY TO SHEETS:
290-363



AMES ENGINEERING, INC.
CIVIL

Mir Ali Khan 5/4/16
DATE

MIR ALIKHAN
ILLINOIS REGISTRATION NO: 062-054268
EXP DATE: 11/30/2017
APPLY TO SHEETS:
209-212



HNTB CORPORATION
STRUCTURAL

Mathew R. Ingram 5/5/16
DATE

MATHEW R. INGRAM
ILLINOIS REGISTRATION NO: 081-007635
EXP DATE: 11/30/2016
APPLY TO SHEETS:
213-227, 371-412



ATLAS ENGINEERING
CIVIL

Yemi O. Oyewole 5/4/16
DATE

YEMI O. OYEWOLE
ILLINOIS REGISTRATION NO: 062-058164
EXP DATE: 11/30/2017
APPLY TO SHEETS:
142-152, 164-167, 204



HNTB CORPORATION
STRUCTURAL

Tom A. Thompson 5/5/16
DATE

THOMAS A. THOMPSON
ILLINOIS REGISTRATION NO: 081-007553
EXP DATE: 11/30/2016
APPLY TO SHEETS:
423-431



HNTB CORPORATION
STRUCTURAL

David J. Mauser 5/4/16
DATE

DAVID J. MAUSER
ILLINOIS REGISTRATION NO: 081-007567
EXP DATE: 11/30/2016
APPLY TO SHEETS:
181-203 (STRUCTURAL PORTION)

HNTB CORPORATION
ONE SOUTH WACKER DRIVE, SUITE 900
CHICAGO, IL 60608
(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



USER NAME : mma	DESIGNED : MMK	REVISED : -
PLT SCALE : 1/8" = 1'-0"	DRAWN : MMK	REVISED : -
PLT DATE : 5/3/2016	CHECKED : MAM	REVISED : -
	DATE : 5/6/2016	REVISED : -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EASTBOUND I-90 FROM CUMBERLAND AVE TO HARLEM AVE
SIGNATURE SHEET

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

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
(1517 & 1415) R-3	COOK	557	2
CONTRACT NO. 60Y38		G-01	

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IDOT HIGHWAY STANDARDS

STD. NO.	TITLE
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001001 - 02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001 - 07	TEMPORARY EROSION CONTROL SYSTEMS
420001 - 08	PAVEMENT JOINTS
482001 - 02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
542001 - 06	CONCRETE END SECTIONS FOR PIPE CULVERTS 15" THRU 84" DIA.
542011 - 02	CONCRETE END SECTIONS FOR ELLIPTICAL PIPE CULVERTS 15" THRU 72" EQUIV. DIA.
542301 - 03	PRECAST REINFORCED CONCRETE FLARED END SECTION
601001 - 05	PIPE UNDERDRAINS
601101 - 02	CONCRETE HEADWALL FOR PIPE DRAIN
602001 - 02	CATCH BASIN TYPE A
602301 - 04	INLET - TYPE A
602401 - 03	MANHOLE TYPE A
602406 - 07	MANHOLE TYPE A 6' DIAMETER
602411 - 05	MANHOLE TYPE A 7' DIAMETER
602416 - 05	MANHOLE TYPE A 8' DIAMETER
602601 - 04	PRECAST REINFORCED FLAT SLAB TOP
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604001 - 04	FRAME AND LIDS TYPE 1
604036 - 03	GRATE TYPE B
604041 - 03	FRAME AND GRATE TYPE 9
604046 - 03	FRAME AND GRATE TYPE 10
604071 - 05	FRAME AND GRATE TYPE 20
606001 - 06	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
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606101 - 05	TYPE A GUTTER (INLET, OUTLET & ENTRANCE)
606201 - 03	TYPE B GUTTER (INLET, OUTLET & ENTRANCE)
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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 - 08	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401 - 09	LANE CLOSURE, FREEWAY/EXPRESSWAY
701411 - 09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS >= 45 MPH
701427 - 04	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS <= 40 MPH
701428 - 01	TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY/EXPRESSWAY
701446 - 07	TWO LANE CLOSURE FREEWAY/EXPRESSWAY
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701606 - 10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIUM
701611 - 01	URBAN HALF ROAD CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIUM
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728001 - 01	TELESCOPING STEEL SIGN SUPPORT
729001 - 01	APPLICATION FOR TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
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780001 - 05	TYPICAL PAVEMENT MARKINGS
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805001 - 01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001 - 03	HANDHOLES

DISTRICT 1 DETAILS

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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
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 47 1/2 - 6 3/2 (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-14	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
TC-16	PAVEMENT MARKINGS LETTERS AND SYMBOLS FOR TRAFFIC STAGING
ITSC-500	TYPICAL RAMP METERING STRIPING
TC-17	TRAFFIC CONTROL FOR SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES
TC-18	SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS
TC-22	ARTERIAL ROAD INFORMATION SIGN
TC-24	CITY OF CHICAGO TYPICAL PAVEMENT MARKINGS
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



USER NAME & ADDRESS	DESIGNED	APR	REVISED
	DRAWN	APR	REVISED
	CHECKED	MAM	REVISED
	DATE	5/6/2016	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EASTBOUND I-90 FROM CUMBERLAND AVE TO HARLEM AVE
INDEX OF DRAWINGS AND HIGHWAY STANDARDS**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	557	3
			CONTRACT NO.	60Y38
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 THE DISTRICT 1 TRAFFIC CONTROL SUPERVISOR A MINIMUM OF SEVENTY-TWO HOURS IN ADVANCE OF BEGINNING WORK.
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 PREFORM 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 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)

17. FOR WORK OUTSIDE THE LIMITS OF BRIDGE APPROACH PAVEMENT, ALL REFERENCES IN THE HIGHWAY STANDARDS AND SPECIFICATIONS FOR REINFORCEMENT, DOWEL BARS AND TIE BARS IN PAVEMENT, SHOULDERS, CURB, GUTTER, COMBINATION CURB AND GUTTER AND MEDIAN, AND CHAIR SUPPORTS FOR CRC PAVEMENT, SHALL BE EPOXY COATED, UNLESS NOTED ON THE PLAN.
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 POLYEUREA PAVEMENT MARKING MATERIALS SHALL BE ACCORDING TO ARTICLES 1095.04 AND 1095.08 RESPECTIVELY OF THE STANDARD SPECIFICATIONS.
22. WET REFLECTIVE TEMPORARY TAPE TYPE III 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.

COMMITMENTS

COMMITMENTS ARE NOT TO BE ALTERED WITHOUT THE WRITTEN APPROVAL OF ALL PARTIES TO WHICH THE COMMITMENT WAS MADE.

CHICAGO DEPARTMENT OF WATER MANAGEMENT STATES THAT WATER MAINS CAN BE SHUT DOWN ONLY DURING THE MONTHS BETWEEN SEPTEMBER 15 AND MAY 15

LANDSCAPING NOTES

1. THE SEEDING DATES FOR BARE EARTH SEEDING MIXTURE CLASS 4 (MODIFIED) SHALL BE FROM NOVEMBER 1 TO MAY 31. ALL SEEDING NOT SOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR WRITTEN APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AT HIS/HER EXPENSE.
2. THE ENGINEER WILL CONTACT MELISSA DEL ROSARIO OF THE ROADSIDE DEVELOPMENT UNIT (847) 705-4391, AT LEAST 7 DAYS PRIOR TO PLANTING FOR LAYOUT OF THE SEEDING TREES, SHRUBS AND PLUGS.

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. ALL PIPE UNDERDRAINS SHALL BE PLACED AT A DEPTH OF 30" BELOW THE TOP OF PROPOSED PAVEMENT OR AS DEEP AS POSSIBLE AND IN ACCORDANCE WITH CHECK PROVISIONS. THE COST OF MAKING PIPE UNDERDRAIN CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF PIPE UNDERDRAINS ITEM.

LANDSCAPING NOTES (CONTINUED)

3. ALL PERMANENT SEEDING RESTORATION SHALL ALSO TAKE PLACE IN AREAS WHERE LIGHTING AND CABLE WORK IS PROPOSED.
4. THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASS 2A SHALL BE FROM APRIL 1 TO JUNE 1 AND FROM AUGUST 15 TO SEPTEMBER 30. ALL SEEDING NOT SOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR WRITTEN APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AT HIS/HER EXPENSE.
5. PLUGS SHALL BE PLANTED ON 24" CENTERS AFTER MAY 1ST WHEN FROST IS NO LONGER LIKELY AT THE APPROPRIATE TIME AND CONDITIONS FOR SUCH PLANTINGS. SEE SPECIAL PROVISION PLANTING WETLAND, SEDGE MEADOW PLUGS. SEE SCHEDULE OF LANDSCAPE ITEMS FOR TYPE OF PLUGS, QUANTITIES, AND PLANTING DEPTH FOR EACH PLANT SPECIES.
6. GOOSE GRID BARRIER SHALL BE INCLUDED IN THE COST OF PERENNIAL PLANTS, SEDGE MEADOW TYPE, PLUG.
7. THE FINAL LOCATIONS OF THE LANDSCAPE ITEMS WILL BE DETERMINED IN THE FIELD. CONTRACTOR SHALL NOTIFY THE ROADSIDE DEVELOPMENT UNIT, MELISSA DEL ROSARIO, AT (847) 705-4391, (2) WEEKS PRIOR TO STARTING INSTALLATION.
8. FINAL DETERMINATION OF PERENNIAL QUANTITY WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER.



USER NAME = oreoss	DESIGNED MMK	REVISED -
	DRAWN MMK	REVISED -
PLOT SCALE = 1.0000' / in.	CHECKED MAM	REVISED -
PLOT DATE = 6/3/2016	DATE 5/6/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EASTBOUND I-90 FROM CUMBERLAND AVE TO HARLEM AVE
GENERAL NOTES**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	557	4
				CONTRACT NO. 60Y38
ILLINOIS		FED. AID PROJECT		

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	PERCENT AIR VOIDS @ NDES	THICKNESS	QMP
PAVEMENT RESURFACING: I-90 / HARLEM AVE RAMP			
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA N80 (12.5mm)	3.5% @ 80 GYR	2"	OCP
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, SMA N80 (12.5mm)	3.5% @ 80 GYR	2"	OCP
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 (12.5mm)	3.5% @ 80 GYR	2"	OCP
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, SMA N80 (12.5mm)	3.5% @ 80 GYR	2"	OCP
HMA BASE COURSE (HMA BINDER IL-19mm)	4% @ 90 GYR	9-3/4"	OCP
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 RD RAMP			
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA N80 (12.5mm)	3.5% @ 80 GYR	2"	OCP
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, SMA N80 (12.5mm)	3.5% @ 80 GYR	2"	OCP
HMA BASE COURSE WIDENING (HMA BINDER IL-19mm)	4% @ 70 GYR	5-3/4"	OCP
SHOULDER RECONSTRUCTION / CONSTRUCTION: CANFIELD RD 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 / WIDENING: HARLEM AVE RAMP			
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA N80 (12.5mm)	3.5% @ 80 GYR	2"	OCP
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, SMA N80 (12.5mm)	3.5% @ 80 GYR	2"	OCP
HMA BASE COURSE (HMA BINDER IL-19mm)	4% @ 90% GYR	7-1/4"	OCP
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 / WIDENING: ALL CUMBERLAND AVE RAMPS			
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA N80 (12.5mm)	3.5% @ 80 GYR	2"	OCP
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, SMA N80 (12.5mm)	3.5% @ 80 GYR	2"	OCP
HMA BASE COURSE (HMA BINDER IL-19mm)	4% @ 70 GYR	6-1/4"	OCP
TEMPORARY PAVEMENT			
HMA SURFACE COURSE, MIX "D", N70 (IL 9.5mm)	4% @ 70 GYR	2"	QC/QA
TEMP PVMT (HMA BINDER IL-19mm)	4% @ 70 GYR	8"	OCP

QMP DESIGNATION: QUALITY CONTROL / QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP)

MIXTURE TYPE	PERCENT AIR VOIDS @ NDES	THICKNESS	QMP
PAVEMENT RESURFACING: WEST HIGGINS AVE/HIGGINS FLYOVER			
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70 (IL-9.5mm)	4% @ 70 GYR	1-3/4"	OCP
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	3.5% @ 50 GYR	3/4"	QC/QA
PAVEMENT FULL-DEPTH: ITS ACCESS ROAD			
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	6"	OCP
PAVEMENT PATCHING			
CLASS D PATCHES (HMA BINDER IL-19mm), CLASS II	4% @ 70 GYR	15"	QC/QA
CLASS D PATCHES (HMA BINDER IL-19mm), CLASS IV	4% @ 70 GYR	15"	QC/QA

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 (QMP) IDENTIFIES THE QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.



USER NAME = oreoss	DESIGNED MMK	REVISED -
	DRAWN MMK	REVISED -
PLOT SCALE = 1.0000' / in.	CHECKED MAM	REVISED -
PLOT DATE = 6/3/2016	DATE 5/6/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EASTBOUND I-90 FROM CUMBERLAND AVE TO HARLEM AVE
HOT-MIX ASPHALT MIXTURE REQUIREMENTS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	557	5
			CONTRACT NO. 60Y38	
ILLINOIS FED. AID PROJECT				

G-04

80% FED
20% STATE

819 (1) (2) (3) (4) (5)

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				A	B	C	D	E	F	G	H		
				0003 URBAN	0021 URBAN	0021 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0043 URBAN		
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	774	746									28
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	295	295									
20101000	TEMPORARY FENCE	FOOT	4,434	4,434									
20101100	TREE TRUNK PROTECTION	EACH	21	21									
20101700	SUPPLEMENTAL WATERING	UNIT	440	440									
20200100	EARTH EXCAVATION	CU YD	25,663	25,663									
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	3,706	3,706									
20800150	TRENCH BACKFILL	CU YD	6,992	6,814									178
21101625	TOPSOIL FURNISH AND PLACE, 6"	SO YD	25,526	25,526									
* 25000210	SEEDING, CLASS 2A	ACRE	2.61	2.61									
* 25000312	SEEDING, CLASS 4A	ACRE	0.01	0.01									
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	227	227									
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	227	227									
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	227	227									

* SPECIALITY ITEM

- A ROADWAY AND DRAINAGE
- B LIGHTING
- C ITS AND SIGNING
- D EXISTING RETAINING WALL REPAIR, BARRIER SUPPORT, MOMENT SLAB, AND NOISE WALL: SN 016-2296 & 016-2519
- E RETAINING WALL PREB-1: SN 016-Z033
- F RETAINING WALL PREB-2: SN 016-Z034
- G RETAINING WALL PREB-3: SN 016-Z035
- H WATER MAIN RELOCATIONS



USER NAME = gress	DESIGNED APR	REVISED -
DRAWN APR	CHECKED MAM	REVISED -
PLOT SCALE = 1/8" = 1' / 31.25'	DATE 5/6/2016	REVISED -
PLOT DATE = 6/9/2016		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EASTBOUND I-90 FROM CUMBERLAND AVE TO HARLEM AVE
SUMMARY OF QUANTITIES

SCALE: NTS SHEET NO. 1 OF 30 SHEETS STA. TO STA.

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	557	5
CONTRACT NO. 60Y38			ILLINOIS FED. AID PROJECT	

S00-01

80% FED
20% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE										
				A	B	C	D	E	F	G	H			
				0003 URBAN	0021 URBAN	0021 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0043 URBAN			
* 25100115	MULCH, METHOD 2	ACRE	2.53	2.53										
* 25100127	MULCH, METHOD 3A	ACRE	0.10	0.10										
* 25100630	EROSION CONTROL BLANKET	SQ YD	12,199	12,199										
* 25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	484	484										
* 25200110	SODDING, SALT TOLERANT	SQ YD	76	76										
28000200	EARTH EXCAVATION FOR EROSION CONTROL	CU YD	47	47										
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	262	262										
28000305	TEMPORARY DITCH CHECKS	FOOT	224	224										
28000400	PERIMETER EROSION BARRIER	FOOT	1,946	1,946										
28000510	INLET FILTERS	EACH	136	136										
28001000	AGGREGATE (EROSION CONTROL)	TON	61	61										
28001200	TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	484	484										
28100107	STONE RIPRAP, CLASS A4	SQ YD	47	47										
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	717	717										

* SPECIALITY ITEM

A ROADWAY AND DRAINAGE
 B LIGHTING
 C ITS AND SIGNING
 D EXISTING RETAINING WALL REPAIR, MOMENT SLAB, AND NOISE WALL: SN 016-2296

E RETAINING WALL PREB-1: SN 016-2033
 F RETAINING WALL PREB-2: SN 016-2034
 G RETAINING WALL PREB-3: SN 016-2035
 H WATER MAIN RELOCATIONS



USER NAME = <i>granos</i>	DESIGNED APR	REVISED -
	DRAWN APR	REVISED -
PLOT SCALE = 1/8" = 1' in.	CHECKED MAM	REVISED -
PLOT DATE = 6/9/2016	DATE 5/6/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EASTBOUND I-90 FROM CUMBERLAND AVE TO HARLEM AVE
SUMMARY OF QUANTITIES

SCALE: NTS SHEET NO. 2 OF 30 SHEETS STA. TO STA.

F.A.I. RTE. 90	SECTION (1517 & 1415) R-3	COUNTY COOK	TOTAL SHEETS 557	SHEET NO. 7
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y38	

S00-02

80% FED
20% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				A	B	C	D	E	F	G	H		
				0003 URBAN	0021 URBAN	0021 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0043 URBAN		
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SO YD	41,702	41,702									
31100300	SUBBASE GRANULAR MATERIAL, TYPE A 4"	SO YD	96	96									
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SO YD	1,265	1,265									
35400500	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 10"	SO YD	148	148									
35501307	HOT-MIX ASPHALT BASE COURSE, 5 3/4"	SO YD	1,216	1,216									
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SO YD	925	925									
35501309	HOT-MIX ASPHALT BASE COURSE, 6 1/4"	SO YD	5,529	5,529									
35501313	HOT-MIX ASPHALT BASE COURSE, 7 1/4"	SO YD	413	413									
35501323	HOT-MIX ASPHALT BASE COURSE, 9 3/4"	SO YD	11,667	11,667									
35600724	HOT-MIX ASPHALT BASE COURSE WIDENING, 12"	SO YD	5,644	5,644									
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	50,590	50,590									
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	559	559									
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	480	480									
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	250	250									

• SPECIALITY ITEM

A ROADWAY AND DRAINAGE
B LIGHTING
C ITS AND SIGNING
D EXISTING RETAINING WALL REPAIR, MOMENT SLAB, AND NOISE WALL: SN 016-2296

E RETAINING WALL PREB-1: SN 016-Z033
F RETAINING WALL PREB-2: SN 016-Z034
G RETAINING WALL PREB-3: SN 016-Z035
H WATER MAIN RELOCATIONS



USER NAME = aross	DESIGNED APR	REVISED -
	DRAWN APR	REVISED -
PLOT SCALE = 1/8" = 1' in.	CHECKED MAM	REVISED -
PLOT DATE = 6/9/2016	DATE 5/6/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EASTBOUND I-90 FROM CUMBERLAND AVE TO HARLEM AVE
SUMMARY OF QUANTITIES

SCALE: NTS SHEET NO. 3 OF 30 SHEETS STA. TO STA.

F.A.I. RTE. 90	SECTION (1517 & 1415) R-3	COUNTY COOK	TOTAL SHEETS 557	SHEET NO. 8
CONTRACT NO. 60Y38			ILLINOIS FED. AID PROJECT	

S00-03

80% FED
20% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				A	B	C	D	E	F	G	H		
				0003 URBAN	0021 URBAN	0021 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0043 URBAN		
40603340	HOT-MIX ASPHALT SURFACE COURSE MIX "D", N70	TON	958	958									
40603565	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70	TON	1,305	1,305									
42000100	PORTLAND CEMENT CONCRETE PAVEMENT 6"	SO YD	96	96									
42001300	PROTECTIVE COAT	SO YD	1,688	1,688									
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	1,418	1,418									
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SO FT	170										170
42400800	DETECTABLE WARNINGS	SO FT	103	103									
44000100	PAVEMENT REMOVAL	SO YD	16,340	16,340									
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SO YD	12,911	12,911									
44000165	HOT-MIX ASPHALT SURFACE REMOVAL, 4"	SO YD	32,722	32,722									
44000166	HOT-MIX ASPHALT SURFACE REMOVAL, 4 1/4"	SO YD	1,978	1,978									
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	9,019	8,943									76
44000600	SIDEWALK REMOVAL	SO FT	2,307	2,138									169
44001980	CONCRETE BARRIER REMOVAL	FOOT	1,191	1,191									

• SPECIALITY ITEM

A ROADWAY AND DRAINAGE
 B LIGHTING
 C ITS AND SIGNING
 D EXISTING RETAINING WALL REPAIR, BARRIER SUPPORT, MOMENT SLAB, AND NOISE WALL: SN 016-2296 & 016-2519

E RETAINING WALL PREB-1: SN 016-2033
 F RETAINING WALL PREB-2: SN 016-2034
 G RETAINING WALL PREB-3: SN 016-2035
 H WATER MAIN RELOCATIONS



USER NAME : arnoss	DESIGNED : APR	REVISED : -
	DRAWN : APR	REVISED : -
PLDT SCALE : 1/8" = 1' in.	CHECKED : MAM	REVISED : -
PLDT DATE : 6/9/2016	DATE : 5/6/2016	REVISED : -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EASTBOUND I-90 FROM CUMBERLAND AVE TO HARLEM AVE
SUMMARY OF QUANTITIES

SCALE: NTS SHEET NO. 4 OF 30 SHEETS STA. TO STA.

F.A.I. RTE. 90	SECTION (1517 & 1415) R-3	COUNTY COOK	TOTAL SHEETS 557	SHEET NO. 9
CONTRACT NO. 60Y38				ILLINOIS FED. AID PROJECT

S00-04

80% FED
20% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				A	B	C	D	E	F	G	H		
				0003 URBAN	0021 URBAN	0021 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0043 URBAN		
44004250	PAVED SHOULDER REMOVAL	SO YD	19,237	19,237									
44201777	CLASS D PATCHES, TYPE II, 11 INCH	SO YD	15	15									
44201827	CLASS D PATCHES, TYPE II, 15 INCH	SO YD	31	31									
44201833	CLASS D PATCHES, TYPE IV, 15 INCH	SO YD	249										249
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	28,564	28,564									
48101600	AGGREGATE SHOULDERS, TYPE B 8"	SO YD	2,386	2,386									
48203036	HOT-MIX ASPHALT SHOULDERS, 9 3/4"	SO YD	148	148									
48203038	HOT-MIX ASPHALT SHOULDERS, 10 1/4"	SO YD	1,432	1,432									
48203042	HOT-MIX ASPHALT SHOULDERS, 11 1/4"	SO YD	207	207									
48203052	HOT-MIX ASPHALT SHOULDERS, 13 3/4"	SO YD	8,051	8,051									
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1										1
50102400	CONCRETE REMOVAL	CU YD	110				110						
50104000	BRIDGE RAIL REMOVAL	FOOT	195				195						
50200100	STRUCTURE EXCAVATION	CU YD	9,015		20		528	739	1,090	529			6,109

* SPECIALITY ITEM

A ROADWAY AND DRAINAGE
 B LIGHTING
 C ITS AND SIGNING
 D EXISTING RETAINING WALL REPAIR, BARRIER SUPPORT, MOMENT SLAB, AND NOISE WALL: SN 016-2296 & 016-2519

E RETAINING WALL PREB-1: SN 016-Z033
 F RETAINING WALL PREB-2: SN 016-Z034
 G RETAINING WALL PREB-3: SN 016-Z035
 H WATER MAIN RELOCATIONS



USER NAME = oraoos	DESIGNED APR	REVISED -
	DRAWN APR	REVISED -
PLOT SCALE = 1/8" = 1'	CHECKED MAM	REVISED -
PLOT DATE = 6/9/2016	DATE 5/6/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EASTBOUND I-90 FROM CUMBERLAND AVE TO HARLEM AVE
SUMMARY OF QUANTITIES

SCALE: NTS SHEET NO. 5 OF 30 SHEETS STA. TO STA.

F.A.J. RTE. 90	SECTION (1517 & 1415) R-3	COUNTY COOK	TOTAL SHEETS 557	SHEET NO. 10
CONTRACT NO. 60Y38				
ILLINOIS FED. AID PROJECT				

S00-05

80% FED
20% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				A	B	C	D	E	F	G	H
				0003 URBAN	0021 URBAN	0021 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0043 URBAN
50300225	CONCRETE STRUCTURES	CU YD	2,412		16		1,041	231	349	151	624
50300255	CONCRETE SUPERSTRUCTURE	CU YD	142				142				
50300300	PROTECTIVE COAT	SQ YD	2,547				656	590	918	383	
50500505	STUD SHEAR CONNECTORS	EACH	2,484					631	1,390	405	58
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	535,088	92,828	8,520		245,600	34,580	50,070	22,110	81,380
51500100	NAME PLATES	EACH	6				6				
51603000	DRILLED SHAFT IN SOIL	CU YD	152		20		132				
52200020	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	20,041								20,041
52200100	FURNISHING SOLDIER PILES (HP SECTION)	FOOT	9,272					2,618	4,943	1,711	
52200105	FURNISHING SOLDIER PILES (W SECTION)	FOOT	48						48		
52200150	DRIVING SOLDIER PILES	FOOT	9,272					2,618	4,943	1,711	
52200200	DRILLING AND SETTING SOLDIER PILES (IN SOIL)	CU FT	339						339		
52200250	UNTREATED TIMBER LAGGING	SO' FT	13,710					4,251	6,733	2,726	
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1	1							

SPECIALITY ITEM

A ROADWAY AND DRAINAGE
 B LIGHTING
 C ITS AND SIGNING
 D EXISTING RETAINING WALL REPAIR, BARRIER SUPPORT, MOMENT SLAB, AND NOISE WALL: SN 016-2296 & 016-2519

E RETAINING WALL PREB-1: SN 016-Z033
 F RETAINING WALL PREB-2: SN 016-Z034
 G RETAINING WALL PREB-3: SN 016-Z035
 H WATER MAIN RELOCATIONS



USER NAME = ar0000	DESIGNED APR	REVISED -
	DRAWN APR	REVISED -
PLOT SCALE = 1/8" = 1' in.	CHECKED MAM	REVISED -
PLOT DATE = 6/9/2016	DATE 5/6/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EASTBOUND I-90 FROM CUMBERLAND AVE TO HARLEM AVE
SUMMARY OF QUANTITIES

SCALE: NFS SHEET NO. 6 OF 30 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	557	11
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y38	

S00-06

80% FED
20% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE										
				A	B	C	D	E	F	G	H			
				0003 URBAN	0021 URBAN	0021 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0043 URBAN			
54219202	REINFORCED CONCRETE PIPE TEE, 48" PIPE WITH 48" RISER	EACH	1	1										
5421A012	PIPE CULVERTS, CLASS A, TYPE 1 12" (TEMPORARY)	EACH	279	279										
54261415	CONCRETE END SECTION, STANDARD 542001, 15", 1:4	EACH	4	4										
54263424	CONCRETE END SECTION, STANDARD 542011, 24", 1:4	EACH	1	1										
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	49	49										
542A5479	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 24"	FOOT	43	43										
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	996	996										
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	1,225	1,225										
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	126	126										
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	114	114										
550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	326	326										
550A0160	STORM SEWERS, CLASS A, TYPE 1 36"	FOOT	467	467										
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	147	147										
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	394	394										

• SPECIALITY ITEM

A ROADWAY AND DRAINAGE
 B LIGHTING
 C ITS AND SIGNING
 D EXISTING RETAINING WALL REPAIR, MOMENT SLAB, AND NOISE WALL: SN 016-2296

E RETAINING WALL PREB-1: SN 016-2033
 F RETAINING WALL PREB-2: SN 016-2034
 G RETAINING WALL PREB-3: SN 016-2035
 H WATER MAIN RELOCATIONS



USER NAME : aross	DESIGNED APR	REVISED -
	DRAWN APR	REVISED -
PLOT SCALE : 1/8" = 1' in.	CHECKED MAM	REVISED -
PLOT DATE : 6/9/2016	DATE 5/6/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EASTBOUND I-90 FROM CUMBERLAND AVE TO HARLEM AVE
SUMMARY OF QUANTITIES

SCALE: NTS SHEET NO. 7 OF 30 SHEETS STA. TO STA.

F.A.I. RTE. 90	SECTION (1517 & 1415) R-3	COUNTY COOK	TOTAL SHEETS 557	SHEET NO. 12
CONTRACT NO. 60Y38			ILLINOIS FED. AID PROJECT	

S00-07

80% FED
20% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				A	B	C	D	E	F	G	H		
				0003 URBAN	0021 URBAN	0021 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0043 URBAN		
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	89	89									
550A5510	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 48"	FOOT	725	725									
55100400	STORM SEWER REMOVAL 10"	FOOT	306	306									
55100500	STORM SEWER REMOVAL 12"	FOOT	669	669									
55100700	STORM SEWER REMOVAL 15"	FOOT	100	100									
55100900	STORM SEWER REMOVAL 18"	FOOT	633	633									
55101200	STORM SEWER REMOVAL 24"	FOOT	268	268									
55101600	STORM SEWER REMOVAL 36"	FOOT	158	158									
55201300	STORM SEWERS JACKED IN PLACE, 36"	FOOT	47	47									
56103300	DUCTILE IRON WATER MAIN 12"	FOOT	103										103
56105200	WATER VALVES 12"	EACH	2										2
59000200	EPOXY CRACK INJECTION	FOOT	190				190						
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	1,044					346	437	261			
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	3	3									

• SPECIALITY ITEM

- | | |
|--|--------------------------------------|
| A ROADWAY AND DRAINAGE | E RETAINING WALL PREB-1: SN 016-Z033 |
| B LIGHTING | F RETAINING WALL PREB-2: SN 016-Z034 |
| C ITS AND SIGNING | G RETAINING WALL PREB-3: SN 016-Z035 |
| D EXISTING RETAINING WALL REPAIR, BARRIER SUPPORT, MOMENT SLAB, AND NOISE WALL: SN 016-2296 & 016-2519 | H WATER MAIN RELOCATIONS |



USER NAME = gress	DESIGNED APR	REVISED -
	DRAWN APR	REVISED -
PLOT SCALE = 1/8" = 1' in.	CHECKED MAM	REVISED -
PLOT DATE = 6/9/2016	DATE 5/6/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EASTBOUND I-90 FROM CUMBERLAND AVE TO HARLEM AVE
SUMMARY OF QUANTITIES

SCALE: HTS SHEET NO. 8 OF 30 SHEETS STA. TO STA.

P.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	557	13
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y38	

S00-08

80% FED
20% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				A	B	C	D	E	F	G	H		
				0003 URBAN	0021 URBAN	0021 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0043 URBAN		
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	98	98									
60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	6,079	6,079									
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	3	3									
60200905	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 9 FRAME AND GRATE	EACH	6	6									
60201310	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	33	33									
60205010	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	3	3									
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	4									
60219100	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 9 FRAME AND GRATE	EACH	1	1									
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5	5									
60224010	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 9 FRAME AND GRATE	EACH	1	1									
60224434	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 9 FRAME AND GRATE	EACH	4	4									
60224440	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	1	1									
60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1									

• SPECIALITY ITEM

A ROADWAY AND DRAINAGE
 B LIGHTING
 C ITS AND SIGNING
 D EXISTING RETAINING WALL REPAIR, MOMENT SLAB, AND NOISE WALL: SN 016-2296

E RETAINING WALL PREB-1: SN 016-Z033
 F RETAINING WALL PREB-2: SN 016-Z034
 G RETAINING WALL PREB-3: SN 016-Z035
 H WATER MAIN RELOCATIONS



USER NAME = areoss	DESIGNED APR	REVISED -
	DRAWN APR	REVISED -
PLOT SCALE = 1/8" = 1' in.	CHECKED MAM	REVISED -
PLDT DATE = 6/9/2016	DATE 5/6/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EASTBOUND I-90 FROM CUMBERLAND AVE TO HARLEM AVE
SUMMARY OF QUANTITIES

SCALE: NTS SHEET NO. 9 OF 30 SHEETS STA. TO STA.

F.A.I. RTE. 90	SECTION (1517 & 1415) R-3	COUNTY COOK	TOTAL SHEETS 557	SHEET NO. 14
CONTRACT NO. 60Y38			ILLINOIS FED. AID PROJECT	

S00-09

80% FED
20% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				A	B	C	D	E	F	G	H		
				0003 URBAN	0021 URBAN	0021 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0043 URBAN		
60236600	INLETS, TYPE A, TYPE 9 FRAME AND GRATE	EACH	5	5									
60236700	INLETS, TYPE A, TYPE 10 FRAME AND GRATE	EACH	7	7									
60237420	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	EACH	18	18									
60237460	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	EACH	1	1									
60248900	VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2										2
60249010	VALVE VAULTS, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2										2
60255500	MANHOLES TO BE ADJUSTED	EACH	1	1									
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	158	158									
60500040	REMOVING MANHOLES	EACH	4	4									
60500050	REMOVING CATCH BASINS	EACH	7	7									
60500060	REMOVING INLETS	EACH	25	25									
60500080	REMOVING CATCH BASINS TO MAINTAIN FLOW	EACH	1	1									
60500090	REMOVING INLETS TO MAINTAIN FLOW	EACH	13	13									
60600605	CONCRETE CURB, TYPE B	FOOT	33	33									

• SPECIALITY ITEM

A ROADWAY AND DRAINAGE
 B LIGHTING
 C ITS AND SIGNING
 D EXISTING RETAINING WALL REPAIR, MOMENT SLAB, AND NOISE WALL: SN 016-2296

E RETAINING WALL PREB-1: SN 016-2033
 F RETAINING WALL PREB-2: SN 016-2034
 G RETAINING WALL PREB-3: SN 016-2035
 H WATER MAIN RELOCATIONS



USER NAME = gress	DESIGNED APR	REVISED -
	DRAWN APR	REVISED -
PLOT SCALE = 1/8" = 1' in.	CHECKED MAM	REVISED -
PLOT DATE = 6/9/2016	DATE 5/6/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EASTBOUND I-90 FROM CUMBERLAND AVE TO HARLEM AVE
SUMMARY OF QUANTITIES

F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	557	15
CONTRACT NO. 60Y3B			ILLINOIS FED. AID PROJECT	

S00-10

80% FED
20% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				A	B	C	D	E	F	G	H		
				0003 URBAN	0021 URBAN	0021 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0043 URBAN		
60602500	CONCRETE GUTTER, TYPE A	FOOT	2,420	2,420									
60602800	CONCRETE GUTTER, TYPE B	FOOT	2,737	2,737									
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	267	222									45
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	41										41
60610400	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24	FOOT	41	41									
60620000	CONCRETE MEDIAN, TYPE SB-6.24	SO FT	5,755	5,755									
60624600	CORRUGATED MEDIAN	SO FT	556	556									
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	1,406	1,406									
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2	2									
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	1	1									
* 63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	EACH	2	2									
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	3	3									
63200310	GUARDRAIL REMOVAL	FOOT	458	458									
* 63301210	REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	117										117

* SPECIALITY ITEM

A ROADWAY AND DRAINAGE
 B LIGHTING
 C ITS AND SIGNING
 D EXISTING RETAINING WALL REPAIR, MOMENT SLAB, AND NOISE WALL: SN 016-2296

E RETAINING WALL PREB-1: SN 016-Z033
 F RETAINING WALL PREB-2: SN 016-Z034
 G RETAINING WALL PREB-3: SN 016-Z035
 H WATER MAIN RELOCATIONS



USER NAME = gress	DESIGNED APR	REVISED -
	DRAWN APR	REVISED -
PLOT SCALE = 1/8" = 1' in.	CHECKED MAM	REVISED -
PLOT DATE = 6/9/2016	DATE 5/6/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EASTBOUND I-90 FROM CUMBERLAND AVE TO HARLEM AVE
SUMMARY OF QUANTITIES

F.A.I. RTE. 90	SECTION (1517 & 1415) R-3	COUNTY COOK	TOTAL SHEETS 557	SHEET NO. 16
CONTRACT NO. 60Y38			ILLINOIS FED. AID PROJECT	

SCALE: NTS SHEET NO. 11 OF 30 SHEETS STA. TO STA.

S00-11

80% FED
20% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE										
				A	B	C	D	E	F	G	H			
				0003 URBAN	0021 URBAN	0021 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0043 URBAN			
63500105	DELINEATORS	EACH	94	94										
63700155	CONCRETE BARRIER, SINGLE FACE, 32 INCH HEIGHT	FOOT	50	50										
63700900	CONCRETE BARRIER BASE	FOOT	40	40										
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	14,200	14,200										
64300450	IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 3	EACH	1	1										
66400305	CHAIN LINK FENCE, 6'	FOOT	78											78
66400505	CHAIN LINK FENCE, 8'	FOOT	110	110										
66409400	CHAIN LINK GATES, 8' X 12' DOUBLE	EACH	1	1										
• 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	5,980	5,980										
• 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1										
• 66900530	SOIL DISPOSAL ANALYSIS	EACH	7	7										
67000600	ENGINEER'S FIELD LABORATORY	CAL MO	16	16										
67100100	MOBILIZATION	L SUM	1	1										
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	90	90										

• SPECIALITY ITEM

A ROADWAY AND DRAINAGE
 B LIGHTING
 C ITS AND SIGNING
 D EXISTING RETAINING WALL REPAIR, MOMENT SLAB, AND NOISE WALL: SN 016-2296

E RETAINING WALL PREB-1: SN 016-Z033
 F RETAINING WALL PREB-2: SN 016-Z034
 G RETAINING WALL PREB-3: SN 016-Z035
 H WATER MAIN RELOCATIONS



USER NAME = oross	DESIGNED APR	REVISED -
	DRAWN APR	REVISED -
PLOT SCALE = 1/8" = 1' in.	CHECKED MAM	REVISED -
PLOT DATE = 6/9/2016	DATE 5/6/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EASTBOUND I-90 FROM CUMBERLAND AVE TO HARLEM AVE
SUMMARY OF QUANTITIES

SCALE: NTS SHEET NO. 12 OF 30 SHEETS STA. TO STA.

F.A.I. RTE. 90	SECTION (1517 & 1415) R-3	COUNTY COOK	TOTAL SHEETS 557	SHEET NO. 17
CONTRACT NO. 60Y38				ILLINOIS FED. AID PROJECT

S00-12

80% FED
20% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	A	B	C	D	E	F	G	H
				0003	0021	0021	0044	0044	0044	0044	0043
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	35	35							
70300100	SHORT TERM PAVEMENT MARKING	FOOT	465	465							
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	1,790	1,790							
70400100	TEMPORARY CONCRETE BARRIER	FOOT	9,565	8,954							611
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	15,396	15,396							
70600240	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 2	EACH	5	5							
70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	4	4							
70600255	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	5	2							3
70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2	2							
70600322	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	1	1							
70600340	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 2	EACH	2	2							
70600350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	1	1							
* 72000100	SIGN PANEL, TYPE 1	SQ FT	112			112					
* 72000200	SIGN PANEL, TYPE 2	SQ FT	204			204					

* SPECIALITY ITEM

A ROADWAY AND DRAINAGE
 B LIGHTING
 C ITS AND SIGNING
 D EXISTING RETAINING WALL REPAIR, MOMENT SLAB, AND NOISE WALL: SN 016-2296

E RETAINING WALL PREB-1: SN 016-Z033
 F RETAINING WALL PREB-2: SN 016-Z034
 G RETAINING WALL PREB-3: SN 016-Z035
 H WATER MAIN RELOCATIONS



USER NAME = oross	DESIGNED APR	REVISED -
	DRAWN APR	REVISED -
PLOT SCALE = 1/8" = 1' in.	CHECKED MAM	REVISED -
PLOT DATE = 5/9/2016	DATE 5/6/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EASTBOUND I-90 FROM CUMBERLAND AVE TO HARLEM AVE
SUMMARY OF QUANTITIES

SCALE: NTS SHEET NO. 13 OF 30 SHEETS STA. TO STA.

F.A.I. RTE. 90	SECTION (1517 & 1415) R-3	COUNTY COOK	TOTAL SHEETS 557	SHEET NO. 18
CONTRACT NO. 60Y38			ILLINOIS FED. AID PROJECT	

S00-13

80% FED
20% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				A	B	C	D	E	F	G	H		
				0003 URBAN	0021 URBAN	0021 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0043 URBAN		
* 72000300	SIGN PANEL, TYPE 3	SQ FT	1,321			1,321							
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	2	1		1							
* 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	103			103							
* 72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	217			217							
* 72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	1,380			1,380							
* 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	1	1									
* 72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	1,384			1,384							
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	253			253							
* 73000100	WOOD SIGN SUPPORT	FOOT	126			126							
* 73300300	OVERHEAD SIGN STRUCTURE - SPAN, TYPE III-A (5'-0" X 7'-0")	FOOT	157			157							
* 73302210	OVERHEAD SIGN STRUCTURE - CANTILEVER, TYPE III-C-A (36" X 7'-0")	FOOT	34			34							
* 73304000	OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	FOOT	21.5			21.5							
* 73400100	CONCRETE FOUNDATIONS	CU YD	71			71							
* 73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	79			49							30

* SPECIALITY ITEM

A ROADWAY AND DRAINAGE
B LIGHTING
C ITS AND SIGNING
D EXISTING RETAINING WALL REPAIR,
MOMENT SLAB, AND NOISE WALL: SN 016-2296

E RETAINING WALL PREB-1: SN 016-Z033
F RETAINING WALL PREB-2: SN 016-Z034
G RETAINING WALL PREB-3: SN 016-Z035
H WATER MAIN RELOCATIONS

HNTB	USER NAME : gress	DESIGNED : APR	REVISED : -
		DRAWN : APR	REVISED : -
	PLOT SCALE = 1/8" = 1'	CHECKED : MAM	REVISED : -
	PLOT DATE = 6/9/2016	DATE : 5/6/2016	REVISED : -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EASTBOUND I-90 FROM CUMBERLAND AVE TO HARLEM AVE
SUMMARY OF QUANTITIES

SCALE: NTS SHEET NO. 14 OF 23 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	557	19
CONTRACT NO. 60Y38			ILLINOIS FED. AID PROJECT	

S00-14

80% FED
20% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				A	B	C	D	E	F	G	H		
				0003 URBAN	0021 URBAN	0021 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0043 URBAN		
* 73600100	REMOVE OVERHEARD SIGN STRUCTURE - SPAN	EACH	2	2									
* 73700100	REMOVE GROUND MOUNTED SIGN SUPPORT	EACH	27			27							
* 73700200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	6			6							
* 73700300	REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	2	2									
* 73800325	REMOVE OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	EACH	1			1							
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	734	452									282
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	26,119	22,117									4,002
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1,575	632									943
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	10,980	10,980									
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2,650	2,484									166
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	541	462									79
* 78004210	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 4"	FOOT	414	414									
* 78004220	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 5"	FOOT	5,135	5,135									
* 78004240	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 8"	FOOT	503	503									

* SPECIALITY ITEM

A ROADWAY AND DRAINAGE
 B LIGHTING
 C ITS AND SIGNING
 D EXISTING RETAINING WALL REPAIR, MOMENT SLAB, AND NOISE WALL: SN 016-2296

E RETAINING WALL PREB-1: SN 016-2033
 F RETAINING WALL PREB-2: SN 016-2034
 G RETAINING WALL PREB-3: SN 016-2035
 H WATER MAIN RELOCATIONS

HNTB	USER NAME : dross	DESIGNED : APR	REVISED : -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EASTBOUND I-90 FROM CUMBERLAND AVE TO HARLEM AVE		P.A.I. RTE. 90	SECTION (1517 & 1415) R-3	COUNTY COOK	TOTAL SHEETS 557	SHEET NO. 20
	PLDT SCALE : 1/8" = 1'	DRAWN : APR	REVISED : -		SUMMARY OF QUANTITIES						
	PLDT DATE : 6/9/2016	CHECKED : MAM	REVISED : -		SCALE: NTS	SHEET NO. 15 OF 30 SHEETS					

S00-15

80% FED
20% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				A	B	C	D	E	F	G	H		
				0003 URBAN	0021 URBAN	0021 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0043 URBAN		
78005100	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	222			222							
78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	21,728			21,728							
78005120	EPOXY PAVEMENT MARKING - LINE 5"	FOOT	5,603			5,603							
78005140	EPOXY PAVEMENT MARKING - LINE 8"	FOOT	6,473			6,473							
78005150	EPOXY PAVEMENT MARKING - LINE 12"	FOOT	1,013			1,013							
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	587	587									
78200410	GUARDRAIL MARKERS, TYPE A	EACH	17	17									
78200530	BARRIER WALL MARKERS, TYPE C	EACH	1,925	1,925									
72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	2	2									
78300100	PAVEMENT MARKING REMOVAL	50 FT	90,412	86,605								3,807	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	550	550									
80400100	ELECTRIC SERVICE INSTALLATION	EACH	1		1								
80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1		1								
81028170	UNDERGROUND CONDUIT, GALVANIZED STEEL, 1" DIA.	FOOT	30			30							

* SPECIALITY ITEM

A ROADWAY AND DRAINAGE
 B LIGHTING
 C ITS AND SIGNING
 D EXISTING RETAINING WALL REPAIR, MOMENT SLAB, AND NOISE WALL: SN 016-2296

E RETAINING WALL PREB-1: SN 016-Z033
 F RETAINING WALL PREB-2: SN 016-Z034
 G RETAINING WALL PREB-3: SN 016-Z035
 H WATER MAIN RELOCATIONS

HNTB	USER NAME = greggg	DESIGNED APR	REVISIONS -
		DRAWN APR	REVISIONS -
	PLOT SCALE = 1/8" = 1' / 31.25'	CHECKED MAM	REVISIONS -
	PLOT DATE = 5/9/2016	DATE 5/6/2016	REVISIONS -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EASTBOUND I-90 FROM CUMBERLAND AVE TO HARLEM AVE
SUMMARY OF QUANTITIES

SCALE: NTS SHEET NO. 16 OF 30 SHEETS STA. TO STA.

F.A.I. RTE. 90	SECTION (1517 & 1415) R-3	COUNTY COOK	TOTAL SHEETS 557	SHEET NO. 21
CONTRACT NO. 60Y38			ILLINOIS FED. AID PROJECT	

S00-16

80% FED
20% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				A	B	C	D	E	F	G	H		
				0003 URBAN	0021 URBAN	0021 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0043 URBAN		
81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	10,165			10,165							
81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	1,482		1,000	482							
81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	6,165			6,165							
81028730	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/4" DIA.	FOOT	304			304							
81100320	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., PVC COATED GALVANIZED STEEL	FOOT	800		800								
81100805	CONDUIT ATTACHED TO STRUCTURE, 3" DIA., PVC COATED GALVANIZED STEEL	FOOT	500		500								
81200230	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	1,715		1,715								
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	14		14								
81300830	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 18" X 8"	EACH	6		6								
81300948	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 24" X 24" X 10"	EACH	1		1								
81400200	HEAVY-DUTY HANDHOLE	EACH	36			36							
81603080	UNIT DUCT, 600V, 3-1C NO. 2, 1/C NO. 4 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	12,730		12,730								
81702100	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 12	FOOT	2,562			2,562							

* SPECIALITY ITEM

- A ROADWAY AND DRAINAGE
- E RETAINING WALL PREB-1: SN 016-Z033
- B LIGHTING
- F RETAINING WALL PREB-2: SN 016-Z034
- C ITS AND SIGNING
- G RETAINING WALL PREB-3: SN 016-Z035
- D EXISTING RETAINING WALL REPAIR,
MOMENT SLAB, AND NOISE WALL: SN 016-2296
- H WATER MAIN RELOCATIONS



USER NAME = oross	DESIGNED APR	REVISION -
	DRAWN APR	REVISION -
PLDT SCALE = 1/8" = 1' / 1"	CHECKED MAM	REVISION -
PLOT DATE = 6/11/2016	DATE 5/6/2016	REVISION -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EASTBOUND I-90 FROM CUMBERLAND AVE TO HARLEM AVE
SUMMARY OF QUANTITIES

SCALE: NTS SHEET NO. 17 OF 30 SHEETS STA. TO STA.

F.A.I. RTE. 90	SECTION (1517 & 1415) R-3	COUNTY COOK	TOTAL SHEETS 557	SHEET NO. 22
CONTRACT NO. 60Y38				
ILLINOIS FED. AID PROJECT				

S00-17

80% FED
20% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	A	B	C	D	E	F	G	H
				0003	0021	0021	0044	0044	0044	0044	0043
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
* 81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	2,400		2,400						
• 81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	2,100			2,100					
* 81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	7,214			7,214					
* 81702140	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	460		460						
• 81702150	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	6,506		1,225	5,281					
• 81702160	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 1/0	FOOT	179			179					
* 81702220	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C 350MCM	FOOT	630		630						
• 81800230	AERIAL CABLE, 2-1/C NO. 6 WITH MESSENGER WIRE	FOOT	2,233			2,233					
* 81800300	AERIAL CABLE, 3-1/C NO. 2 WITH MESSENGER WIRE	FOOT	8,910		8,910						
* 83007300	LIGHT POLE, ALUMINUM, 35 FT. M.H., 8 FT. MAST ARM	EACH	2		2						
* 83050825	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 15 FT. DAVIT ARM	EACH	63		63						
* 83050965	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 2-15 FT. DAVIT ARMS	EACH	2		2						
* 83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	797		797						
* 84100110	REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	43		43						

* SPECIALITY ITEM

A ROADWAY AND DRAINAGE
 B LIGHTING
 C ITS AND SIGNING
 D EXISTING RETAINING WALL REPAIR, MOMENT SLAB, AND NOISE WALL: SN 016-2296

E RETAINING WALL PREB-1: SN 016-Z033
 F RETAINING WALL PREB-2: SN 016-Z034
 G RETAINING WALL PREB-3: SN 016-Z035
 H WATER MAIN RELOCATIONS



USER NAME = aross	DESIGNED APR	REVISED -
	DRAWN APR	REVISED -
PLOT SCALE = 1/8" = 1'	CHECKED MAM	REVISED -
PLOT DATE = 6/1/2016	DATE 5/6/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EASTBOUND I-90 FROM CUMBERLAND AVE TO HARLEM AVE
SUMMARY OF QUANTITIES

SCALE: NTS SHEET NO. 18 OF 30 SHEETS STA. TO STA.

F.A.I. RTE. 90	SECTION (I17 & 141S) R-3	COUNTY COOK	TOTAL SHEETS 557	SHEET NO. 23
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y38	

S00-18

80% FED
20% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				A	B	C	D	E	F	G	H		
				0003 URBAN	0021 URBAN	0021 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0043 URBAN		
* 84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	81		81								
* 84200804	REMOVAL OF POLE FOUNDATION	EACH	79		79								
* 84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	1		1								
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	3	3									
* 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	80										80
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	16			16							
* 87800200	CONCRETE FOUNDATION, TYPE D	FOOT	12			12							
* 87900205	DRILL EXISTING HEAVY DUTY HANDHOLE	EACH	8			8							
* 88600100	DETECTOR LOOP, TYPE I	FOOT	234	130									104
* 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1										1
* 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	4,280			4,280							
* 89502380	REMOVE EXISTING HANDHOLE	EACH	12			12							
* 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	8			8							
Z0005216	HOT-MIX ASPHALT STABILIZATION 6" AT STEEL PLATE BEAM GUARD RAIL	SO YD	154	154									

* SPECIALITY ITEM

A ROADWAY AND DRAINAGE
 B LIGHTING
 C ITS AND SIGNING
 D EXISTING RETAINING WALL REPAIR,
 MOMENT SLAB, AND NOISE WALL: SN 016-2296

E RETAINING WALL PREB-1: SN 016-Z033
 F RETAINING WALL PREB-2: SN 016-Z034
 G RETAINING WALL PREB-3: SN 016-Z035
 H WATER MAIN RELOCATIONS



USER NAME = arnos	DESIGNED APR	REVISED -
	DRAWN APR	REVISED -
PLOT SCALE = 1/80' / in.	CHECKED MAM	REVISED -
PLOT DATE = 6/9/2016	DATE 5/6/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EASTBOUND I-90 FROM CUMBERLAND AVE TO HARLEM AVE
SUMMARY OF QUANTITIES

SCALE: NTS SHEET NO. 19 OF 30 SHEETS STA. TO STA.

F.A.I. RTE. 90	SECTION (1517 & 1415) R-3	COUNTY COOK	TOTAL SHEETS 557	SHEET NO. 24
CONTRACT NO. 60Y38			ILLINOIS FED. AID PROJECT	

S00-19

80% FED
20% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				A	B	C	D	E	F	G	H		
				0003 URBAN	0021 URBAN	0021 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0043 URBAN		
Z0007120	WELDED WIRE FABRIC 6X6	SO YD	89	89									
Z0007510	ENGINEERED BARRIER	SQ YD	1,000	1,000									
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SO FT	5				5						
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1									
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	21	21									
Z0019600	DUST CONTROL WATERING	UNIT	50	50									
Z0022800	FENCE REMOVAL	FOOT	1,281	638			565						78
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	1,260	1,260									
Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	80		80								
Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	24		24								
Z0033052	COMMUNICATIONS VAULT	EACH	15			15							
Z0034105	MATERIAL TRANSFER DEVICE	TON	11,514	11,514									
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	2,788				947	1,194	647				
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1									

* SPECIALITY ITEM

NON-PART

A ROADWAY AND DRAINAGE
 B LIGHTING
 C ITS AND SIGNING
 D EXISTING RETAINING WALL REPAIR, BARRIER SUPPORT, MOMENT SLAB, AND NOISE WALL: SN 016-2296 & 016-2519

E RETAINING WALL PREB-1: SN 016-2033
 F RETAINING WALL PREB-2: SN 016-2034
 G RETAINING WALL PREB-3: SN 016-2035
 H WATER MAIN RELOCATIONS



USER NAME = greece	DESIGNED APR	REVISED -
	DRAWN APR	REVISED -
PLOT SCALE = 1/8" = 1' in.	CHECKED MAM	REVISED -
PLOT DATE = 6/9/2016	DATE 5/6/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EASTBOUND I-90 FROM CUMBERLAND AVE TO HARLEM AVE
SUMMARY OF QUANTITIES

SCALE: NTS SHEET NO. 20 OF 30 SHEETS STA. TO STA.

F.A.I. RTE. 90	SECTION (1517 & 1415) R-3	COUNTY COOK	TOTAL SHEETS 957	SHEET NO. 25
CONTRACT NO. 60Y38				
ILLINOIS FED. AID PROJECT				

S00-20

80% FED
20% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				A	B	C	D	E	F	G	H		
				0003 URBAN	0021 URBAN	0021 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0043 URBAN		
• K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	UNIT	7.5	7.5									
• K0013060	PERENNIAL PLANTS, SEDGE MEADOW TYPE, 2" DIAMETER BY 4" DEEP PLUG	UNIT	4	4									
K0029624	WEED CONTROL, TEASEL	GALLON	101	101									
K0029632	WEED CONTROL, NON-SELECTIVE AND NON-RESIDUAL	GALLON	5	5									
K0029634	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	7	7									
X0100004	TEMPORARY FILL MATERIAL	CU YD	8		8								
X0300249	REMOVE EXISTING GATE	EACH	2			2							
X0321322	DROP GATE	EACH	2			2							
* X0322247	MAINTENANCE OF EXISTING TRAFFIC SURVEILLANCE	L SUM	1			1							
X0321809	PERMANENT GROUND ANCHOR	EACH	10				10						
• X0322441	DIGITAL LOOP DETECTOR SENSOR UNIT (4 CHANNEL)	EACH	7			7							
• X0322442	TONE EQUIPMENT - 3 FREQUENCY RECEIVER PROGRAMMABLE	EACH	33			33							
• X0322443	TONE EQUIPMENT - 3 FREQUENCY TRANSMITTER PROGRAMMABLE	EACH	33			33							
• X0322444	TONE EQUIPMENT - POWER SUPPLY	EACH	10			10							

• SPECIALITY ITEM

A ROADWAY AND DRAINAGE
 B LIGHTING
 C ITS AND SIGNING
 D EXISTING RETAINING WALL REPAIR, BARRIER SUPPORT, MOMENT SLAB, AND NOISE WALL: SN 016-2296 & 016-2519

E RETAINING WALL PREB-1: SN 016-2033
 F RETAINING WALL PREB-2: SN 016-2034
 G RETAINING WALL PREB-3: SN 016-2035
 H WATER MAIN RELOCATIONS



USER NAME = ar-0000	DESIGNED APR	REVISED -
	DRAWN APR	REVISED -
PLOT SCALE = 1/8" = 1' in.	CHECKED MAM	REVISED -
PLOT DATE = 6/9/2016	DATE 5/6/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EASTBOUND I-90 FROM CUMBERLAND AVE TO HARLEM AVE
SUMMARY OF QUANTITIES

SCALE: NTS SHEET NO. 22 OF 30 SHEETS STA. TO STA.

F.A.I. RTE. 90	SECTION (1517 & 1415) R-3	COUNTY COOK	TOTAL SHEETS 557	SHEET NO. 27
CONTRACT NO. 60Y38			ILLINOIS FED. AID PROJECT	

S00-22

80% FED
20% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				A	B	C	D	E	F	G	H		
				0003 URBAN	0021 URBAN	0021 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0043 URBAN		
X0322445	TONE EQUIPMENT - MOUNTING FRAME	EACH	10			10							
X0322936	REMOVE EXISTING FLARED END SECTION	EACH	1	1									
X0322938	TEMPORARY END SECTION	EACH	6	6									
X0323261	TEMPORARY SEDIMENT BASIN	EACH	1	1									
X0323524	REMOVE EXISTING SURVEILLANCE CAMERA EQUIPMENT	EACH	4			4							
X0323904	ILLINOIS DEPARTMENT OF TRANSPORTATION COMMUNICATIONS NODE	L SUM	1			1							
X0323917	CABINET, MODEL 334	EACH	3			3							
X0324571	MAINTENANCE OF STREET LIGHTING SYSTEM (CITY OF CHICAGO)	LSUM	1		1								
X0324587	NOISE ABATEMENT WALL ANCHOR ROD ASSEMBLY	EACH	81				81						
X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	35		35								
X0325003	REMOVE EXISTING VALVE AND VAULT	EACH	1									1	
X0325034	MANHOLES, TYPE A, 6' -DIAMETER, WITH 2 TYPE 1 FRAME, OPEN LIDS, RESTRICTOR PLATE	EACH	1	1									
X0325040	FIBER OPTIC INNERDUCT 1 1/4" DIA.	FOOT	31,415			31,415							
X0325201	SHOULDER RUMBLE STRIP REMOVAL	SQ YD	1,914	1,914									

* SPECIALITY ITEM

A ROADWAY AND DRAINAGE
 B LIGHTING
 C ITS AND SIGNING
 D EXISTING RETAINING WALL REPAIR, BARRIER SUPPORT, MOMENT SLAB, AND NOISE WALL: SN 016-2296 & 016-2519
 E RETAINING WALL PREB-1: SN 016-2033
 F RETAINING WALL PREB-2: SN 016-2034
 G RETAINING WALL PREB-3: SN 016-2035
 H WATER MAIN RELOCATIONS



USER NAME = oross	DESIGNED APR	REVISED -
	DRAWN APR	REVISED -
PLOT SCALE = 1/8" = 1' in.	CHECKED MAM	REVISED -
PLOT DATE = 6/9/2016	DATE 5/6/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EASTBOUND I-90 FROM CUMBERLAND AVE TO HARLEM AVE
SUMMARY OF QUANTITIES

SCALE: NTS SHEET NO. 23 OF 30 SHEETS STA. TO STA.

F.A.I. RTE. 90	SECTION (1517 & 1415) R-3	COUNTY COOK	TOTAL SHEETS 557	SHEET NO. 28
CONTRACT NO. 60Y38				
ILLINOIS FED. AID PROJECT				

S00-23

80% FED
20% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				A	B	C	D	E	F	G	H		
				0003 URBAN	0021 URBAN	0021 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0043 URBAN		
X0325405	FILL EXISTING STORM SEWERS	CU YD	8	8									
X0325476	RADAR VEHICLE DETECTION SYSTEM	EACH	6			6							
X0326263	EQUIPMENT CABINET	EACH	4			4							
X0326266	ETHERNET SWITCH	EACH	3			3							
X0326465	MODIFICATION OF EXISTING VIDEO DISTRIBUTION SYSTEM	L SUM	1			1							
X0326326	CABLE IN CONDUIT, TRIPLEX, 2-1/C NO. 6 AND 1-1/C NO. 8 GROUND	FOOT	135		135								
X0326519	STEEL RAILING REMOVAL	FOOT	180				180						
X0326945	CLOSED CIRCUIT TELEVISION CAMERA EQUIPMENT	EACH	3			3							
X0326952	STEP-DOWN TRANSFORMER	EACH	1			1							
X0326964	FIBER OPTIC INTERCONNECT CABINET	EACH	1			1							
X0327117	ATMS SYSTEM INTEGRATION	L SUM	1			1							
X0327216	CLOSED CIRCUIT TELEVISION CAMERA	EACH	3			3							
X0327261	CABINET HOUSING EQUIPMENT, TYPE IV	EACH	3			3							
X0327332	FIBER CONNECTIVITY TO IDOT DISTRICT 1	L SUM	1			1							

* SPECIALITY ITEM

A ROADWAY AND DRAINAGE
 B LIGHTING
 C ITS AND SIGNING
 D EXISTING RETAINING WALL REPAIR, BARRIER SUPPORT, MOMENT SLAB, AND NOISE WALL: SN 016-2296 & 016-2519
 E RETAINING WALL PREB-1: SN 016-2033
 F RETAINING WALL PREB-2: SN 016-2034
 G RETAINING WALL PREB-3: SN 016-2035
 H WATER MAIN RELOCATIONS



USER NAME = a0000	DESIGNED APR	REVISED -
	DRAWN APR	REVISED -
PLOT SCALE = 1/8" = 1' 0"	CHECKED MAM	REVISED -
PLOT DATE = 6/9/2016	DATE 5/6/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EASTBOUND I-90 FROM CUMBERLAND AVE TO HARLEM AVE
SUMMARY OF QUANTITIES

SCALE: NTS SHEET NO. 24 OF 30 SHEETS STA. TO STA.

F.A.I. RTE. 90	SECTION (1517 & 1415) R-3	COUNTY COOK	TOTAL SHEETS 557	SHEET NO. 29
CONTRACT NO. 60Y38				
ILLINOIS FED. AID PROJECT				

S00-24

80% FED
20% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE										
				A	B	C	D	E	F	G	H			
				0003 URBAN	0021 URBAN	0021 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0043 URBAN			
X0327367	STEEL CASING PIPE BORED AND JACKED, 24"	FOOT	232											232
* X0327392	WOOD POLE, 60 FT, CLASS 4	EACH	2		2									
* X0327393	WOOD POLE, 100 FT, CLASS 2	EACH	31		31									
* X0327601	CLOSED CIRCUIT TELEVISION CAMERA STRUCTURE, FOUNDATION, 80 FT. MOUNTING HEIGHT	FOOT	63			63								
* X0327602	CLOSED CIRCUIT TELEVISION CAMERA STRUCTURE, GALVANIZED STEEL, 80 FT. MOUNTING HEIGHT	EACH	3			3								
* X0327605	DYNAMIC MESSAGE SIGN REMOVAL AND INSTALLATION	L SUM	1			1								
* X0327606	FIBER OPTIC SPLICE-LATERAL	EACH	8			8								
* X0327607	FIBER OPTIC SPLICE-MAINLINE	EACH	2			2								
* X0327682	CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT ENGINEERING SERVICES	L SUM	1											1
X0327752	CONDUIT RISER, GALVANIZED STEEL	EACH	4			4								
X0327976	TRACK MONITORING	CAL DA	35	20		15								
X0327979	PAYEMENT MARKING REMOVAL - GRINDING	SQ FT	71,121	71,121										
* X1400013	REMOVAL OF CABLE IN CONDUIT	FOOT	300		300									
X0327980	PAYEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	24,238	20,431										3,807
* X1400149	LUMINAIRE, LED, HORIZONTAL MOUNT, TYPE C	EACH	80		80									
X2020502	BRACED EXCAVATION	CU YD	853	853										

* SPECIALITY ITEM

A ROADWAY AND DRAINAGE
 B LIGHTING
 C ITS AND SIGNING
 D EXISTING RETAINING WALL REPAIR, MOMENT SLAB, AND NOISE WALL: SN 016-2296

E RETAINING WALL PREB-1: SN 016-2033
 F RETAINING WALL PREB-2: SN 016-2034
 G RETAINING WALL PREB-3: SN 016-2035
 H WATER MAIN RELOCATIONS



USER NAME: a00000	DESIGNED: APR	REVISED: -
	DRAWN: APR	REVISED: -
PLOT SCALE: 1/8" = 1'-0"	CHECKED: MAM	REVISED: -
PLOT DATE: 6/9/2016	DATE: 5/6/2016	REVISED: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EASTBOUND I-90 FROM CUMBERLAND AVE TO HARLEM AVE
SUMMARY OF QUANTITIES

F.A.I. RTE. 90	SECTION (1517 & 1415) R-3	COUNTY COOK	TOTAL SHEETS 597	SHEET NO. 30
CONTRACT NO. 60Y3B			ILLINOIS FED. AID PROJECT	

80% FED
20% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE										
				A	B	C	D	E	F	G	H			
				0003 URBAN	0021 URBAN	0021 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0043 URBAN			
* X2501800	SEEDING, CLASS 4 (MODIFIED)	ACRE	2.65	2.65										
X2503000	MAINTENANCE MOWING	ACRE	27.9	27.9										
* X2503315	INTERSEEDING, CLASS 4A (MODIFIED)	ACRE	1.00	1.00										
* X2511630	EROSION CONTROL BLANKET (SPECIAL)	SQ YD	12,842	12,842										
X4060002	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, 12.5, N80	TON	5,757	5,757										
X4060006	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 12.5, N80	TON	5,757	5,757										
X4403300	CONCRETE MEDIAN REMOVAL	SQ FT	1,022	1,022										
□ X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	663	663										
□ X5537900	STORM SEWERS TO BE CLEANED 15"	FOOT	49	49										
□ X5538000	STORM SEWERS TO BE CLEANED 18"	FOOT	186	186										
□ X5538200	STORM SEWERS TO BE CLEANED 24"	FOOT	51	51										
□ X5538600	STORM SEWERS TO BE CLEANED 36"	FOOT	189	189										
X5610651	ABANDON EXISTING WATER MAIN, FILL WITH CLSM	FOOT	789											789
X6020096	MANHOLES, TYPE A, 6' -DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	1	1										

* SPECIALITY ITEM
□ NON-PART.

A ROADWAY AND DRAINAGE
B LIGHTING
C ITS AND SIGNING
D EXISTING RETAINING WALL REPAIR, MOMENT SLAB, AND NOISE WALL: SN 016-2296

E RETAINING WALL PREB-1: SN 016-Z033
F RETAINING WALL PREB-2: SN 016-Z034
G RETAINING WALL PREB-3: SN 016-Z035
H WATER MAIN RELOCATIONS



USER NAME = gress	DESIGNED APR	REVISED -
	DRAWN APR	REVISED -
PLOT SCALE = 1/8" = 1'	CHECKED MAM	REVISED -
PLOT DATE = 6/9/2016	DATE 5/6/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EASTBOUND I-90 FROM CUMBERLAND AVE TO HARLEM AVE
SUMMARY OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	557	31
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y38	

S00-26

80% FED
20% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				A	B	C	D	E	F	G	H		
				0003 URBAN	0021 URBAN	0021 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0043 URBAN		
X6024200	MANHOLES, TYPE A, 6' -DIAMETER, TYPE 1 FRAME, CLOSED LID, SPECIAL	EACH	3	3									
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	39	39									
X6370279	CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT (SPECIAL)	FOOT	1,075	1,075									
X6370700	CONCRETE BARRIER TRANSITION (SPECIAL)	FOOT	50	50									
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	16	16									
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	1									
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	LSUM	1	1									
X7013820	TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS	CAL DA	395	395									
X7030025	WET REFLECTIVE TEMPORARY TAPE, TYPE III - LETTERS AND SYMBOLS	SO FT	557	448									109
X7030030	WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH	FOOT	98,177	94,706									3,471
X7030035	WET REFLECTIVE TEMPORARY TAPE TYPE III, 5 INCH	FOOT	36,001	36,001									
X7030040	WET REFLECTIVE TEMPORARY TAPE TYPE III, 6 INCH	FOOT	287	287									

• SPECIALITY ITEM

A ROADWAY AND DRAINAGE
 B LIGHTING
 C ITS AND SIGNING
 D EXISTING RETAINING WALL REPAIR, MOMENT SLAB, AND NOISE WALL: SN 016-2296

E RETAINING WALL PREB-1: SN 016-Z033
 F RETAINING WALL PREB-2: SN 016-Z034
 G RETAINING WALL PREB-3: SN 016-Z035
 H WATER MAIN RELOCATIONS



USER NAME = areoss	DESIGNED APR	REVISED -
	DRAWN APR	REVISED -
PLOT SCALE = 1/8" = 1'	CHECKED MAM	REVISED -
PLOT DATE = 6/9/2016	DATE 5/6/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EASTBOUND I-90 FROM CUMBERLAND AVE TO HARLEM AVE
SUMMARY OF QUANTITIES

SCALE: NTS SHEET NO. 27 OF 30 SHEETS STA. TO STA.

F.A.J. RTE. 90	SECTION (1517 & 1415) R-3	COUNTY COOK	TOTAL SHEETS 557	SHEET NO. 32
CONTRACT NO. 60Y38				

S00-27

80% FED
20% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				A	B	C	D	E	F	G	H		
				0003 URBAN	0021 URBAN	0021 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0043 URBAN		
X7030045	WET REFLECTIVE TEMPORARY TAPE TYPE III, 8 INCH	FOOT	28,330	28,330									
X7030050	WET REFLECTIVE TEMPORARY TAPE TYPE III, 12 INCH	FOOT	2,064	2,064									
X7030055	WET REFLECTIVE TEMPORARY TAPE TYPE III, 24 INCH	FOOT	50	25									25
X7040125	PINNING TEMPORARY CONCRETE BARRIER	EACH	3,106	3,106									
* X7240300	SIGN REMOVAL	EACH	2			2							
* X8040310	ELECTRIC SERVICE DISCONNECT	EACH	5			5							
* X8210027	TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, HIGH MAST, HORIZONTAL MOUNT, 750 WATT	EACH	29		29								
* X8210040	TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	1		1								
* X8211125	LUMINAIRE, LED, HORIZONTAL MOUNT, SPECIAL	EACH	1		1								
* X8250500	LIGHTING UNIT COMPLETE, SPECIAL	EACH	1		1								
* X8251388	LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 200AMP (DUAL), RADIO SCADA	EACH	1		1								
* X8300001	LIGHT POLE, SPECIAL	EACH	1		1								
* X8420111	REMOVAL OF UNDERPASS LIGHTING UNIT, NO SALVAGE	EACH	34		34								
* X8710035	FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	24,961			24,961							

* SPECIALITY ITEM

A ROADWAY AND DRAINAGE
 B LIGHTING
 C ITS AND SIGNING
 D EXISTING RETAINING WALL REPAIR, MOMENT SLAB, AND NOISE WALL: SN 016-2296

E RETAINING WALL PREB-1: SN 016-Z033
 F RETAINING WALL PREB-2: SN 016-Z034
 G RETAINING WALL PREB-3: SN 016-Z035
 H WATER MAIN RELOCATIONS



USER NAME = arpass	DESIGNED APR	REVISED -
	DRAWN APR	REVISED -
PLOT SCALE = 1/8" = 1'-0"	CHECKED MAM	REVISED -
PLOT DATE = 6/9/2016	DATE 5/6/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EASTBOUND I-90 FROM CUMBERLAND AVE TO HARLEM AVE
SUMMARY OF QUANTITIES

SCALE: NTS SHEET NO. 28 OF 30 SHEETS STA. TO STA.

F.A.I. RTE. 90	SECTION (1517 & 1415) R-3	COUNTY COOK	TOTAL SHEETS 557	SHEET NO. 33
CONTRACT NO. 60Y38			ILLINOIS FED. AID PROJECT	

S00-28

80% FED
20% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				A	B	C	D	E	F	G	H		
				0003 URBAN	0021 URBAN	0021 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0043 URBAN		
X8710036	FIBER OPTIC CABLE 12 FIBERS, SINGLE MODE	FOOT	2,530			2,530							
X8710054	FIBER OPTIC TERMINATION PANEL, 12F OR 24F	EACH	6			6							
X8730312	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 4/C, TWISTED, SHIELDED	FOOT	2,273			2,273							
X8772115	TEMPORARY MAST ARM, ALUMINUM, 15FT	EACH	30		30								
X8780105	CONCRETE FOUNDATIONS (SPECIAL)	EACH	3			3							
X8807670	SIGNAL HEAD, LED, RETROFIT	EACH	4			4							
X8850102	INDUCTION LOOP	FOOT	682										
X8950300	REMOVE EXISTING SIGNAL HEAD AND POST	EACH	4										
X8950510	REMOVE FIBER OPTIC CABLE FROM CONDUIT	FOOT	630										
X8950700	REMOVE TEMPORARY INTERCONNECT	L SUM	1			1							
X1200078	DUCTILE IRON WATER MAIN 12", RESTRAINED JOINT PIPE	FOOT	327										327
X1200079	DUCTILE IRON WATER MAIN 36", RESTRAINED JOINT PIPE	FOOT	352										352
X1200077	DUCTILE IRON WATER MAIN 48"	FOOT	65										65
X1400180	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 19 6 PAIR	FOOT	4,686			4,686							

* SPECIALITY ITEM

A ROADWAY AND DRAINAGE
 B LIGHTING
 C ITS AND SIGNING
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E RETAINING WALL PREB-1: SN 016-Z033
 F RETAINING WALL PREB-2: SN 016-Z034
 G RETAINING WALL PREB-3: SN 016-Z035
 H WATER MAIN RELOCATIONS



USER NAME : aroasa	DESIGNED : APR	REVISED : -
	DRAWN : APR	REVISED : -
PLOT SCALE : 1/8" = 1' in.	CHECKED : MAM	REVISED : -
PLOT DATE : 6/9/2016	DATE : 5/6/2016	REVISED : -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EASTBOUND I-90 FROM CUMBERLAND AVE TO HARLEM AVE
SUMMARY OF QUANTITIES

SCALE: NTS SHEET NO. 29 OF 30 SHEETS STA. TO STA.

F.A.I. RTE. 90	SECTION (1517 & 1415) R-3	COUNTY COOK	TOTAL SHEETS 557	SHEET NO. 34
CONTRACT NO. 60Y38				ILLINOIS FED. AID PROJECT

S00-29

80% FED
20% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				A	B	C	D	E	F	G	H		
				0003 URBAN	0021 URBAN	0021 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0044 URBAN	0043 URBAN		
X2600019	LED FLASHING BEACON AND FLASHER CONTROLLER	EACH	2			2							
X1400181	LUMINAIRE, UNDERPASS, LED, TYPE B	EACH	29		29								
X1200080	STORM SEWERS JACKED IN PLACE, 48" (SPECIAL)	FOOT	96	96									
X0327984	STEEL CASING PIPE BORED AND JACKED, 54"	FOOT	242										242
X1200081	WATER VALVES 48"	EACH	2										2
X0900030	WEEP HOLES CLEANED AND EXTENDED	L SUM	1				1						

• SPECIALITY ITEM

- A ROADWAY AND DRAINAGE
- B LIGHTING
- C ITS AND SIGNING
- D EXISTING RETAINING WALL REPAIR, BARRIER SUPPORT, MOMENT SLAB, AND NOISE WALL: SN 016-2296 & 016-2519
- E RETAINING WALL PREB-1: SN 016-Z033
- F RETAINING WALL PREB-2: SN 016-Z034
- G RETAINING WALL PREB-3: SN 016-Z035
- H WATER MAIN RELOCATIONS



USER NAME = oross	DESIGNED APR	REVISED -
	DRAWN APR	REVISED -
PLOT SCALE = 1/8" = 1' / in.	CHECKED MAM	REVISED -
PLOT DATE = 6/9/2016	DATE 5/6/2016	REVISED -

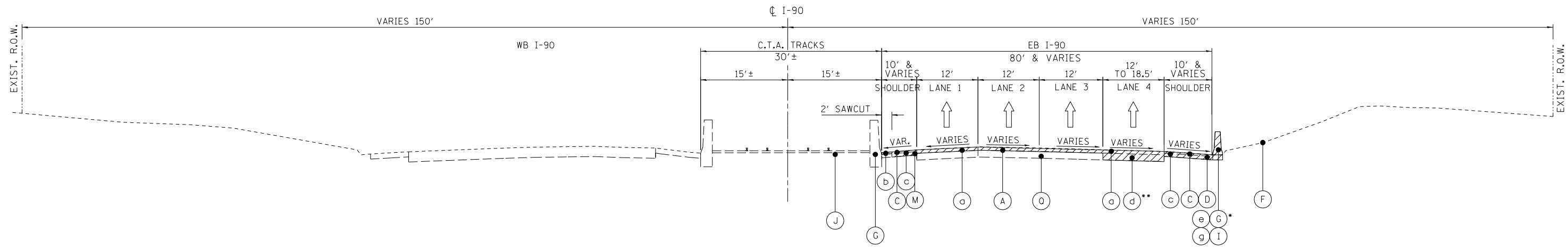
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EASTBOUND I-90 FROM CUMBERLAND AVE TO HARLEM AVE
SUMMARY OF QUANTITIES

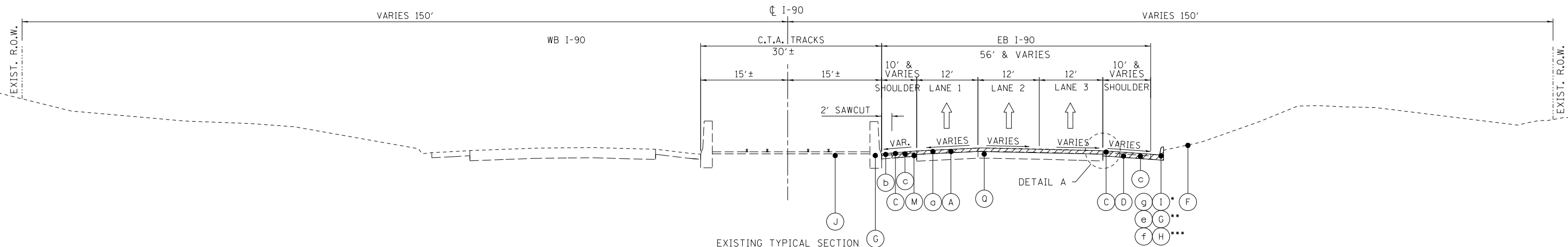
SCALE: NTS SHEET NO. 30 OF 30 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	557	35
CONTRACT NO. 60Y38			ILLINOIS FED. AID PROJECT	

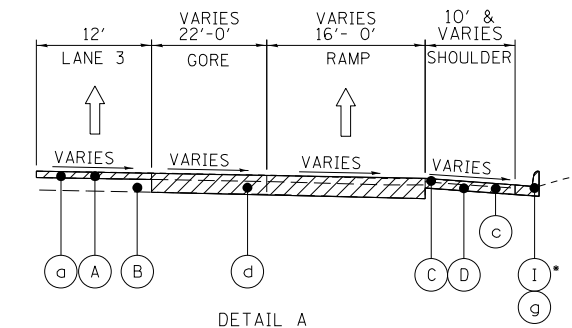
S00-30



EXISTING TYPICAL SECTION
 EAST OF I-90 TO CUMBERLAND AVENUE
 I-90 STA. 3032+00 TO STA. 3039+00
 * CONCRETE BARRIER LIMITS I-90 STA. 3032+00 TO STA. 3038+98
 **FULL PAVEMENT REMOVAL LIMITS I-90 STA. 3037+43.59 TO STA. 3039+00



EXISTING TYPICAL SECTION
 CUMBERLAND AVENUE TO IL 43 (HARLEM AVENUE)
 I-90 STA. 3039+00 TO 3111+00
 * CONCRETE CURB AND GUTTER LIMITS I-90 STA. 3059+19 TO STA. 3074+30, STA. 3075+33 TO 3083+60, STA. 3093+68 TO STA. 3094+91
 **CONCRETE BARRIER LIMITS I-90 STA. 3074+11 TO STA. 3075+34, STA. 3092+72 TO STA. 3093+68
 ***GUARDRAIL LIMITS I-90 STA. 3097+81 TO STA. 3099+55



DETAIL A
 TYPICAL ENTRANCE RAMP
 CUMBERLAND RAMP B - I-90 STA. 3050+69 TO STA. 3059+40
 CANFIELD RAMP B - I-90 STA. 3085+36 TO STA. 3094+46
 TYPICAL EXIT RAMP
 HARLEM RAMP A - I-90 STA. 3099+32 TO STA. 3105+91
 * CONCRETE CURB AND GUTTER LIMITS CANFIELD ENTRANCE RAMP STA. 14+52 TO STA. 21+80, HARLEM RAMP A STA. 5+27 TO STA. 6+20

- 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) ASPHALT SIDEWALK
 - (L) EXISTING CONCRETE MEDIAN
 - (M) EXISTING 3.5"-5" +/- HMA BINDER COURSE
 - (N) EXISTING RETAINING WALL
 - (O) EXISTING FENCE
 - (P) EXISTING CONCRETE SIDEWALK
 - (Q) EXISTING 9" +/- HMA BINDER COURSE

- 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) AGGREGATE SIDEWALK REMOVAL



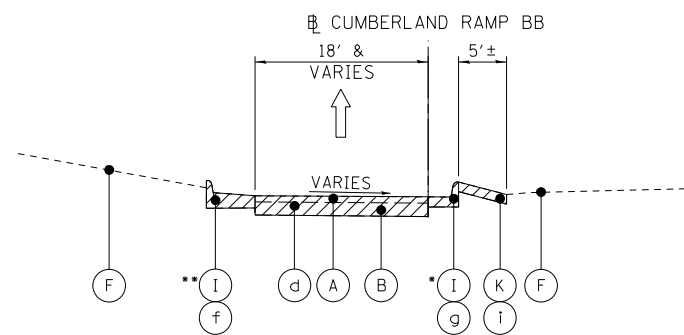
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	DRAWN APR	REVISED -
PLOT SCALE = 1/80' / 1" =	CHECKED MAM	REVISED -
PLOT DATE = 5/5/2016	DATE 5/6/2016	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EASTBOUND I-90 FROM CUMBERLAND AVE TO HARLEM AVE
 EXISTING TYPICAL SECTIONS
 MAINLINE
 SCALE: NTS SHEET NO. 1 OF 6 SHEETS STA. 3032+00 TO STA. 3111+00

F.A.I. RTE. 90	SECTION (1517 & 1415) R-3	COUNTY COOK	TOTAL SHEETS 557	SHEET NO. 36
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y38	

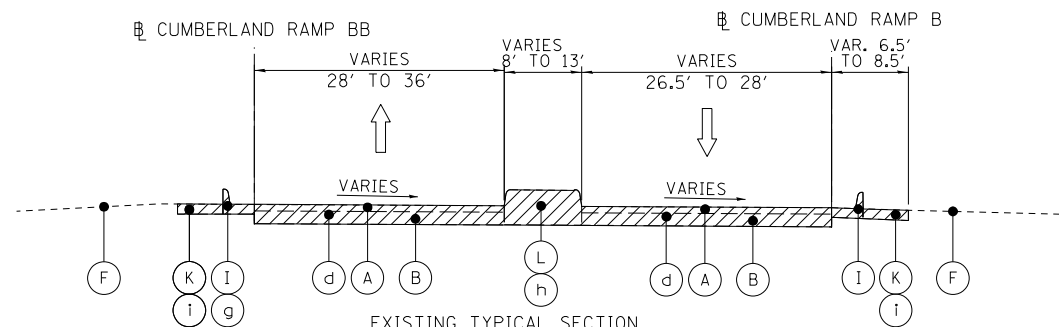
TYP-01



EXISTING TYPICAL SECTION

CUMBERLAND RAMP BB
PR CUMBERLAND RAMP BB STA. 805+16 TO STA. 810+57

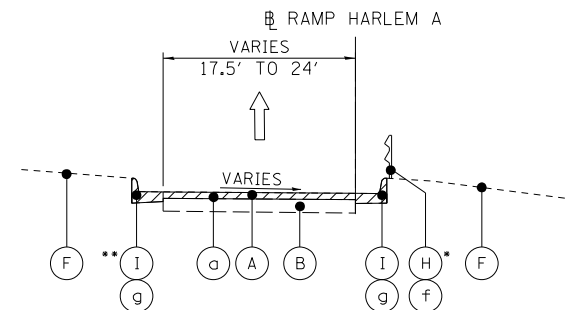
- CONCRETE CURB AND GUTTER LIMITS PR CUMBERLAND RAMP BB STA. 805+93 TO STA. 810+57
- CONCRETE CURB AND GUTTER LIMITS PR CUMBERLAND RAMP BB STA. 805+21 TO STA. 810+57



EXISTING TYPICAL SECTION

CUMBERLAND RAMP BB / CUMBERLAND RAMP B
PR CUMBERLAND RAMP BB STA. 810+57 TO STA. 811+86
PR CUMBERLAND RAMP B STA. 893+13 TO STA. 896+81

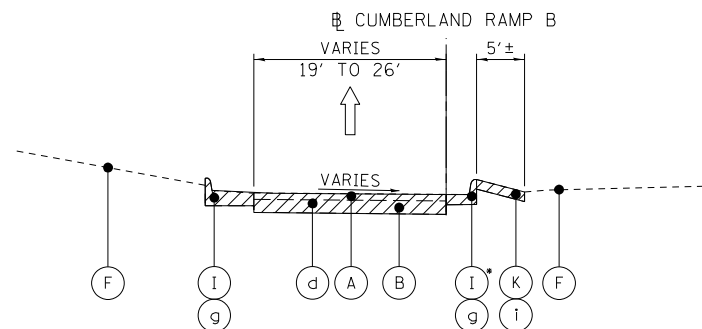
- ASPHALT SIDEWALK LIMITS PR CUMBERLAND RAMP BB STA. 810+57 TO STA. 811+00



EXISTING TYPICAL SECTION

HARLEM A RAMP
PR HARLEM A RAMP STA. 6+20 TO STA. 7+40

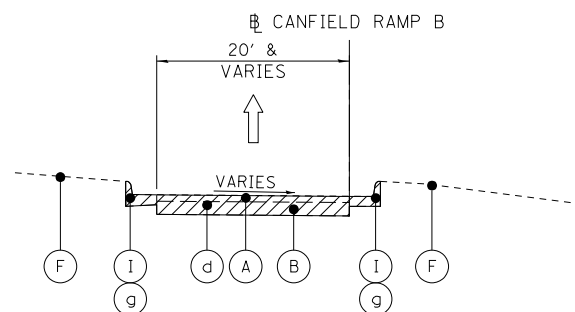
- GUARDRAIL LIMITS PR RAMP HARLEM A STA. 6+51 TO 7+40
- CONCRETE CURB AND GUTTER LIMITS PR RAMP HARLEM A STA. 6+97 TO 7+40



EXISTING TYPICAL SECTION

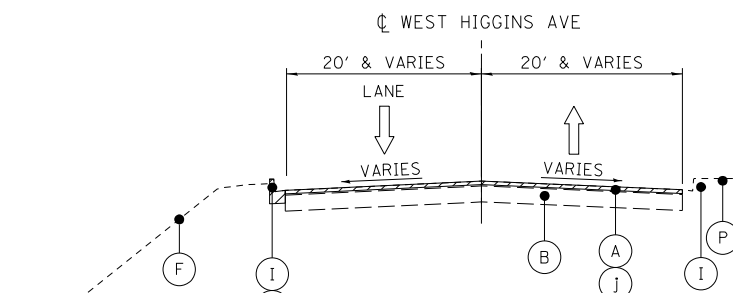
CUMBERLAND RAMP B
PR CUMBERLAND RAMP B STA. 896+81 TO STA. 905+16

- CONCRETE CURB AND GUTTER LIMITS PR CUMBERLAND RAMP B STA. 896+81 TO 902+01



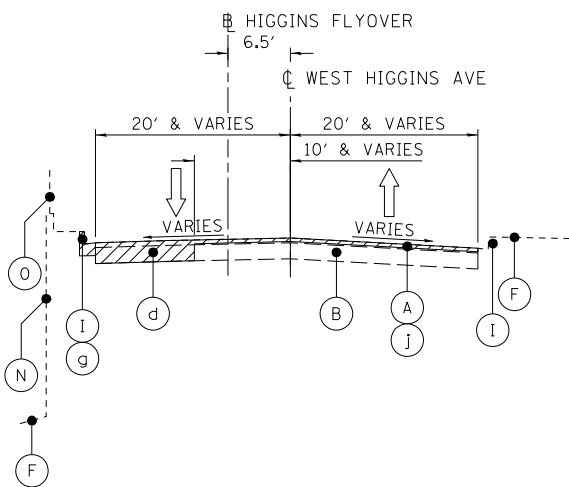
EXISTING TYPICAL SECTION

EASTBOUND CANFIELD ENTRANCE RAMP
PR CANFIELD RAMP B STA. 10+00 TO STA. 14+52



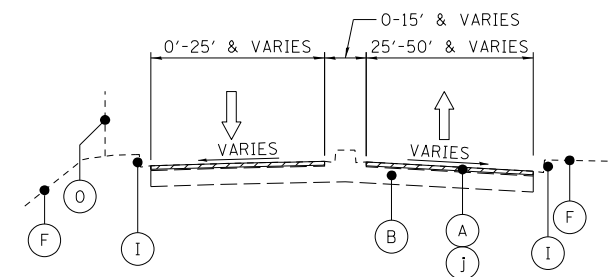
EXISTING TYPICAL SECTION

HIGGINS AVE BETWEEN ORIOLE AVE AND HIGGINS FLYOVER
C WEST HIGGINS AVE STA. 996+05 TO STA. 1000+79



EXISTING TYPICAL SECTION

HIGGINS AVE BETWEEN ORIOLE AVE AND HIGGINS FLYOVER
C HIGGINS AVE STA. 1000+79 TO STA. 1005+39
C HIGGINS FLYOVER STA. 2000+00 TO STA. 2003+25



EXISTING TYPICAL SECTION

HIGGINS AVE BETWEEN HIGGINS FLYOVER AND HARLEM AVE

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) ASPHALT SIDEWALK
- (L) EXISTING CONCRETE MEDIAN
- (M) EXISTING 3.5"-5" +/- HMA BINDER COURSE
- (N) EXISTING RETAINING WALL
- (O) EXISTING FENCE
- (P) EXISTING CONCRETE SIDEWALK
- (Q) EXISTING 9" +/- HMA BINDER COURSE

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) AGGREGATE SIDEWALK REMOVAL
- (j) HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"



USER NAME = mksrby	DESIGNED APR	REVISED -
	DRAWN APR	REVISED -
PLOT SCALE = 1.00' / 1in.	CHECKED MAM	REVISED -
PLOT DATE = 5/5/2016	DATE 5/6/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EASTBOUND I-90 FROM CUMBERLAND AVE TO HARLEM AVE
EXISTING TYPICAL SECTIONS
RAMPS

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

F.A.I. RTE. 90	SECTION (1517 & 1415) R-3	COUNTY COOK	TOTAL SHEETS 557	SHEET NO. 37
			CONTRACT NO. 60Y38	
ILLINOIS FED. AID PROJECT				

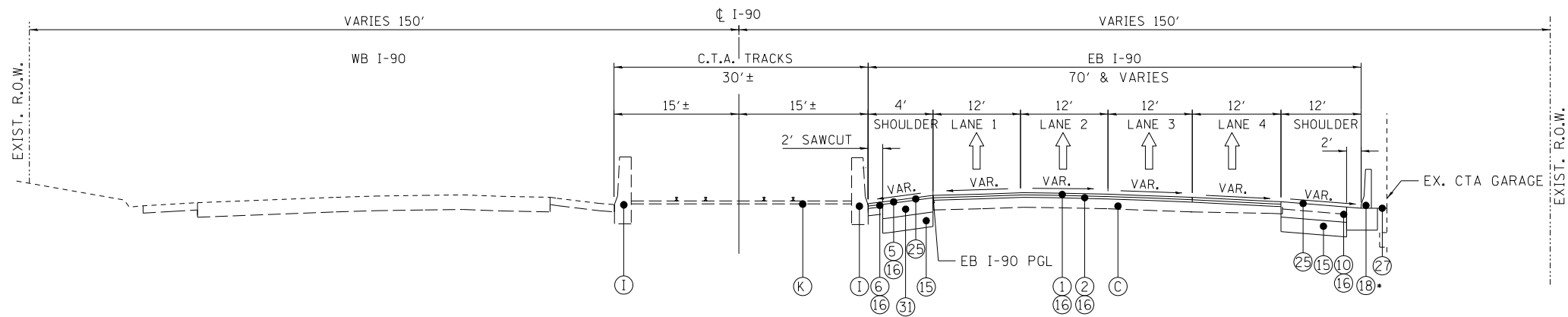
TYP-02

EXISTING LEGEND

- (A) EXISTING 4" +/- HMA SURFACE COURSE
- (B) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 10"
- (C) EXISTING 9" +/- HMA BINDER COURSE
- (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) BRIDGE PIER/ABUTMENT
- (M) EXISTING CHAINLINK FENCE
- (N) EXISTING CONCRETE CURB AND GUTTER
- (O) EXISTING CONCRETE SIDEWALK

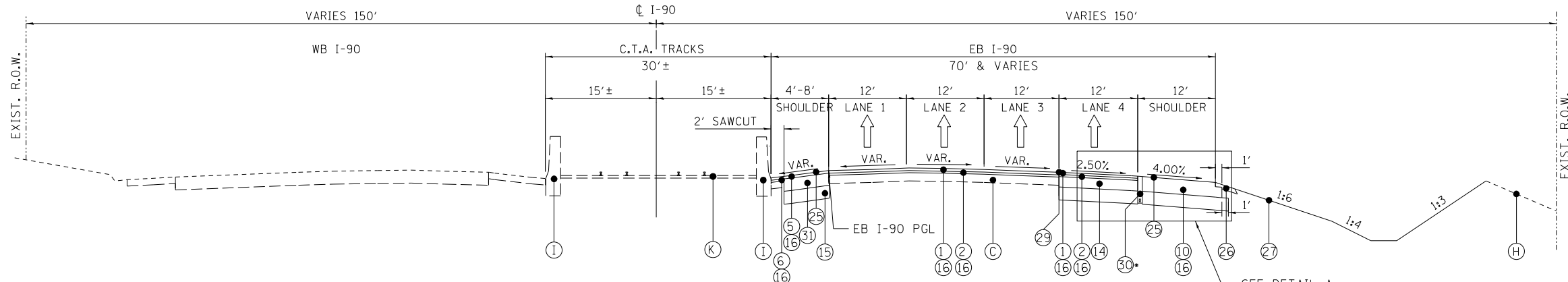
PROPOSED LEGEND

- (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) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- (4) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70, 1 3/4"
- (5) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- (6) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/4"
- (7) 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"
- (8) 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"
- (9) 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"
- (10) 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"
- (11) HOT-MIX ASPHALT BASE COURSE, 5 3/4"
- (12) HOT-MIX ASPHALT BASE COURSE, 6 1/4"
- (13) HOT-MIX ASPHALT BASE COURSE, 7 1/4"
- (14) HOT-MIX ASPHALT BASE COURSE, 9 3/4"
- (15) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (16) BITUMINOUS MATERIALS (TACK COAT)
- (17) RETAINING WALL
- (18) CONCRETE BARRIER, SINGLE FACE, 42 IN HEIGHT (SPECIAL)
- (19) CONCRETE BARRIER BASE
- (20) COMBINATION CURB AND GUTTER, TYPE A
- (21) COMBINATION CURB AND GUTTER, TYPE B-6.24
- (22) CONCRETE MEDIAN, TYPE SB-6.24
- (23) STEEL PLATE BEAM GUARDRAIL
- (24) SIGHT SCREEN (CHAIN LINK FENCE) 6'
- (25) SHOULDER RUMBLE STRIPS, 16"
- (26) AGGREGATE SHOULDERS, TYPE B, 6"
- (27) TOPSOIL FURNISH AND PLACE, 6"
- (28) COMBINATION CURB AND GUTTER, TYPE M-6.24
- (29) STRIP REFLECTIVE CRACK CONTROL TREATMENT (SEE NOTE 1)
- (30) PIPE UNDERDRAINS 4"
- (31) HOT-MIX ASPHALT BASE COURSE WIDENING, 12"
- (32) PORTLAND CEMENT CONCRETE BASE COURSE WIDENING, 10"



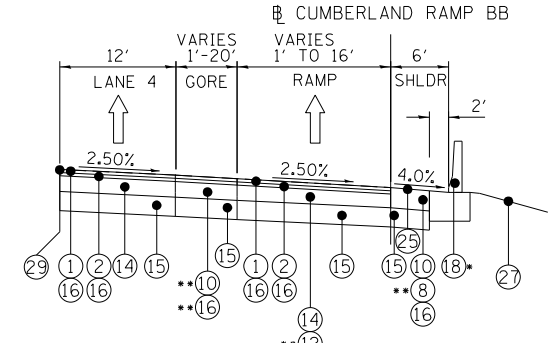
PROPOSED TYPICAL SECTION
 I-90 STA. 3032+00 TO STA. 3037+43.59

• CONCRETE BARRIER WALL LIMITS I-90 STA. 3031+69.12 TO STA. 3037+43.59
 SEE ROADWAY DETAIL SHEETS 72-73



PROPOSED TYPICAL SECTION
 I-90 STA. 3037+43.59 TO STA. 3050+94

• PIPE UNDERDRAIN LIMITS I-90 STA. 3042+64.55 TO STA. 3050+94



DETAIL A
 I-90 STA. 3040+43.59 TO STA. 3042+64.55

• CONCRETE BARRIER LIMIT CUMBERLAND RAMP BB STA. 802+99 TO STA. 804+35, SEE ROADWAY DETAIL SHEETS 72-73
 •• PAVEMENT CHANGES TO NOTED TYPES FROM I-90 STA. 3041+43.59 TO STA. 3042+64.55

NOTES:

1. STRIP REFLECTIVE CRACK CONTROL TREATMENT SHALL BE PLACED OVER THE SMA BINDER MIX AT ALL LONGITUDINAL JOINTS BEFORE SMA SURFACE PAVING OPERATIONS. (FOR RESURFACING AND WIDENING.)



USER NAME = mksrby	DESIGNED APR	REVISED -
	DRAWN APR	REVISED -
PLOT SCALE = 1/80' / 1"	CHECKED MAM	REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EASTBOUND I-90 FROM CUMBERLAND AVE TO HARLEM AVE
 PROPOSED TYPICAL SECTIONS
 MAINLINE**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	557	38
			CONTRACT NO. 60Y38	
ILLINOIS FED. AID PROJECT				

EXISTING LEGEND

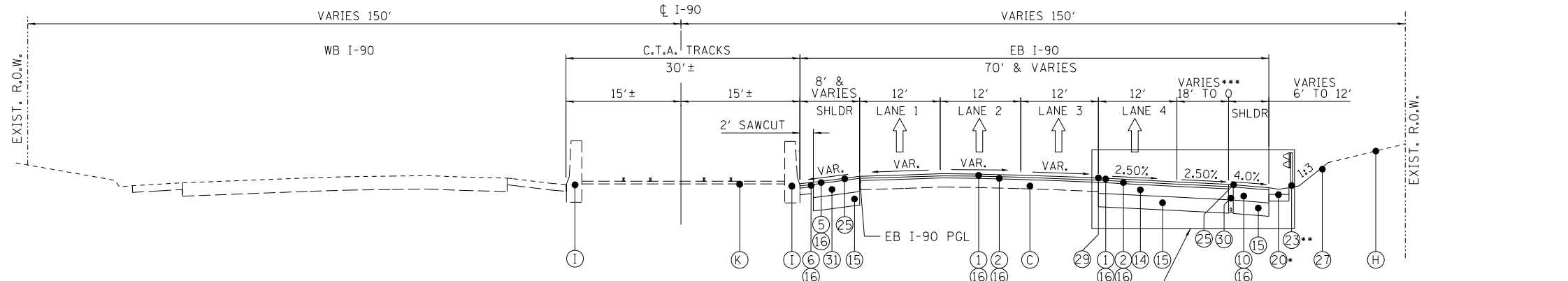
- (A) EXISTING 4" +/- HMA SURFACE COURSE
- (B) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 10"
- (C) EXISTING 9" +/- HMA BINDER COURSE
- (D) EXISTING 2" +/- HMA SURFACE COURSE
- (E) EXISTING 13" +/- P.C.C. SHOULDER
- (F) EXISTING HMA OVERLAY (VARIABLE THICKNESS)
- (G) EXISTING AGGREGATE SHOULDER
- (H) EXISTING GROUND
- (I) EXISTING BARRIER WALL
- (J) EXISTING GUARDRAIL
- (K) CTA TRACKS
- (L) BRIDGE PIER/ABUTMENT
- (M) EXISTING CHAINLINK FENCE
- (N) EXISTING CONCRETE CURB AND GUTTER
- (O) EXISTING CONCRETE SIDEWALK

PROPOSED LEGEND

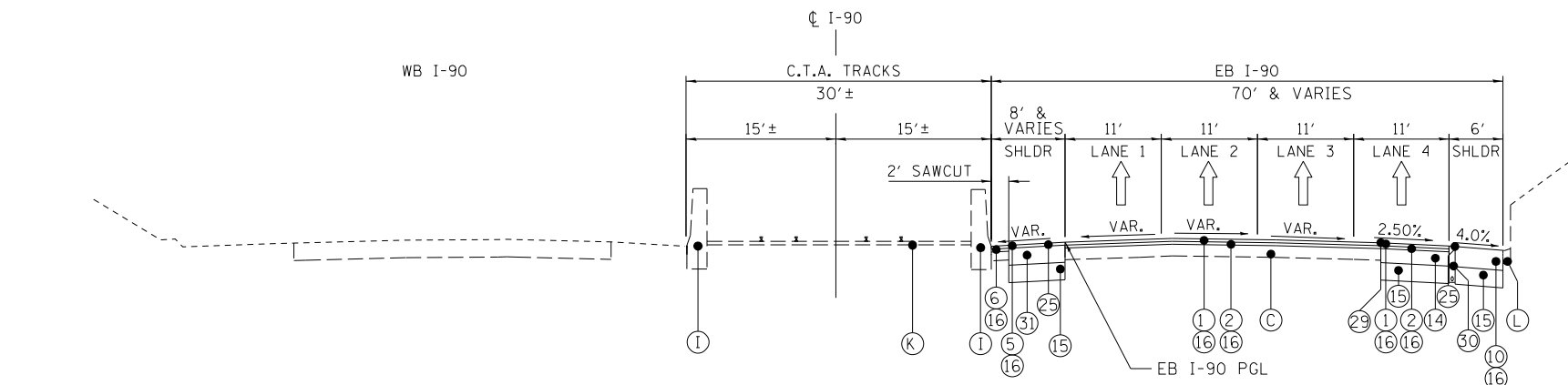
- (1) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 (IL-12.5), 2"
- (2) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80, (IL-12.5) 2"
- (3) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- (4) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70, 1 3/4"
- (5) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- (6) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/4"
- (7) 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"
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- (17) RETAINING WALL
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- (20) COMBINATION CURB AND GUTTER, TYPE A
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- (22) CONCRETE MEDIAN, TYPE SB-6.24
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- (24) SIGHT SCREEN (CHAIN LINK FENCE) 6'
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- (29) STRIP REFLECTIVE CRACK CONTROL TREATMENT (SEE NOTE 1)
- (30) PIPE UNDERDRAINS 4"
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- (32) PORTLAND CEMENT CONCRETE BASE COURSE WIDENING, 10"

NOTES:

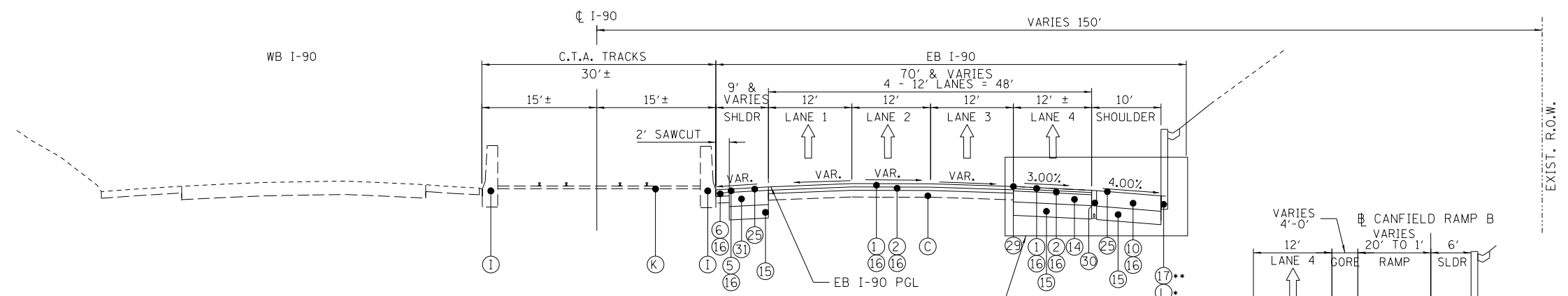
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• TYPE A GUTTER LIMITS \bar{C} I-90 STA. 3055+30 TO STA. 3074+00
 •• GUARDRAIL LIMITS \bar{C} I-90 STA. 3073+11 TO STA. 3075+33
 ••• CUMBERLAND RAMP B LANE TAPER LIMITS \bar{C} I-90 STA. 3054+29 TO STA. 3063+86



PROPOSED TYPICAL SECTION
 \bar{C} I-90 STA. 3075+31 TO STA. 3075+95



• EXISTING BRIDGE ABUTMENT LIMITS \bar{C} I-90 STA. 3093+72 TO STA. 3094+62
 ••PIPE UNDERDRAIN LIMITS \bar{C} I-90 STA. 3075+95 TO STA. 3085+21 AND STA. 3093+50 TO STA. 3101+00



USER NAME = mksrby	DESIGNED APR	REVISED -
	DRAWN APR	REVISED -
PLOT SCALE = 1.00' / 1"	CHECKED MAM	REVISED -
PLOT DATE = 5/5/2016	DATE 5/6/2016	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EASTBOUND I-90 FROM CUMBERLAND AVE TO HARLEM AVE
 PROPOSED TYPICAL SECTIONS
 MAINLINE**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	557	39
CONTRACT NO. 60Y38				
ILLINOIS FED. AID PROJECT				

EXISTING LEGEND

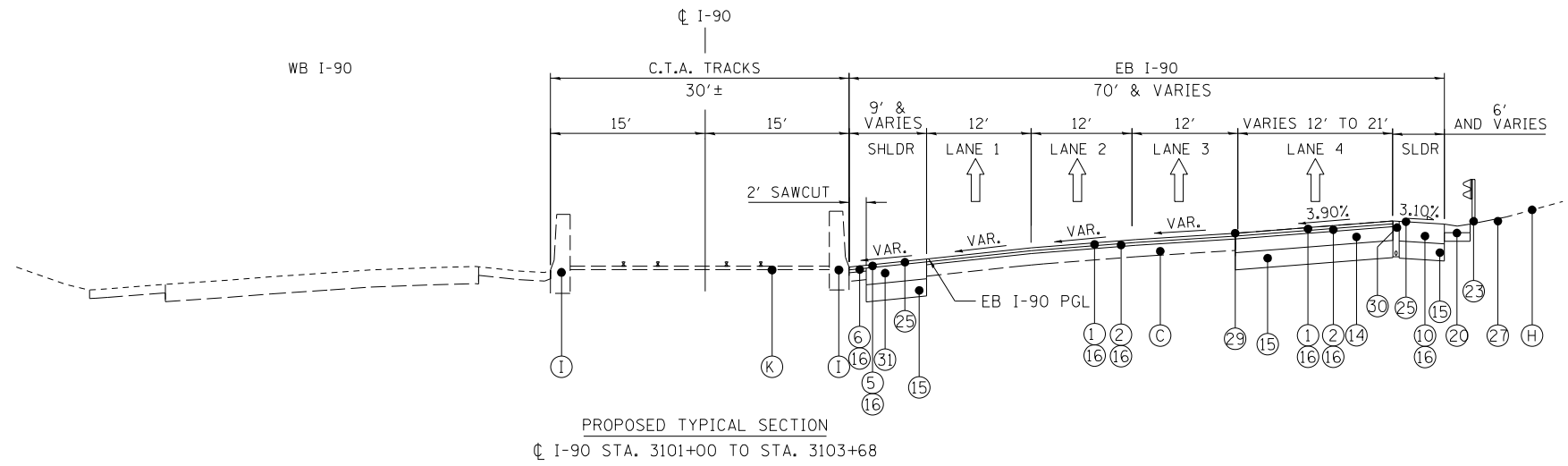
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- (C) EXISTING 9" +/- HMA BINDER COURSE
- (D) EXISTING 2" +/- HMA SURFACE COURSE
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- (F) EXISTING HMA OVERLAY (VARIABLE THICKNESS)
- (G) EXISTING AGGREGATE SHOULDER
- (H) EXISTING GROUND
- (I) EXISTING BARRIER WALL
- (J) EXISTING GUARDRAIL
- (K) C.T.A. TRACKS
- (L) BRIDGE PIER/ABUTMENT
- (M) EXISTING CHAINLINK FENCE
- (N) EXISTING CONCRETE CURB AND GUTTER
- (O) EXISTING CONCRETE SIDEWALK

PROPOSED LEGEND

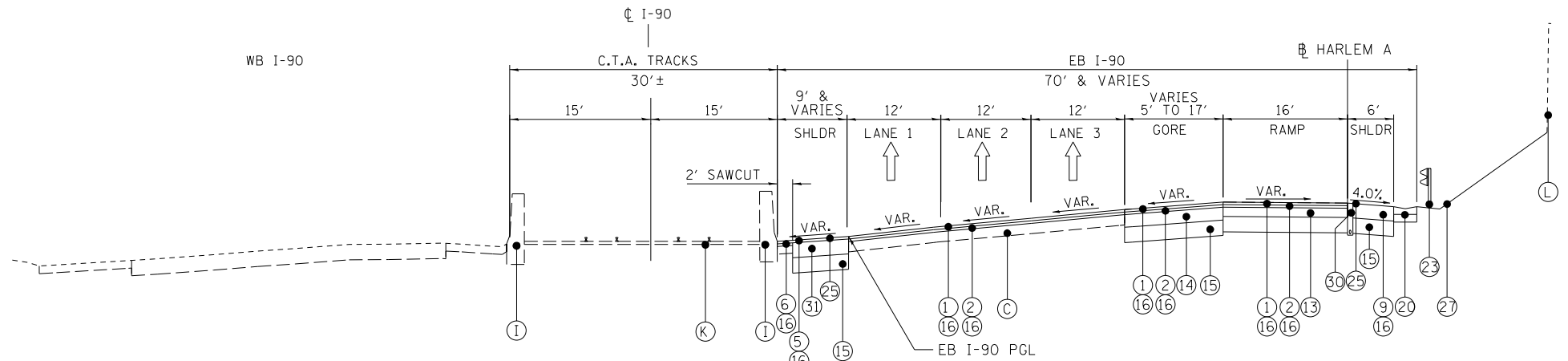
- (1) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 (IL-12.5), 2"
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- (4) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70, 1 3/4"
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- (29) STRIP REFLECTIVE CRACK CONTROL TREATMENT (SEE NOTE 1)
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NOTES:

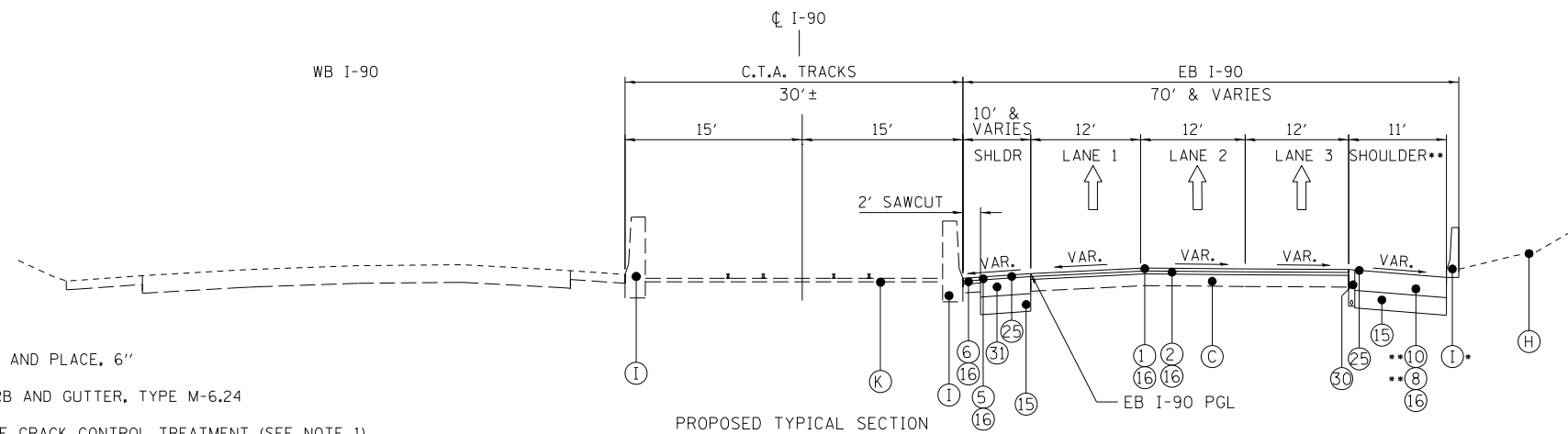
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PROPOSED TYPICAL SECTION
 I-90 STA. 3101+00 TO STA. 3103+68



PROPOSED TYPICAL SECTION
 I-90 STA. 3103+68 TO STA. 3105+88



PROPOSED TYPICAL SECTION
 I-90 STA. 3105+88 TO STA. 3111+00
 * CONCRETE BARRIER WALL LIMITS I-90 STA. 3106+48 TO STA. 3111+00
 ** SHOULDER SERVES AS RECOVERY AREA FROM STA. 3105+88 TO STA. 3110+42.
 RECOVERY AREA PAVEMENT (1) TRANSITIONS FROM FULL SHOULDER WIDTH TO 0' WHILE SHOULDER PAVEMENT (8) TRANSITIONS FROM 0' TO FULL SHOULDER WIDTH BETWEEN THE NOTED STATIONS REFERENCED IN THIS NOTE.



USER NAME = mksrby	DESIGNED APR	REVISED -
	DRAWN APR	REVISED -
PLOT SCALE = 1.00' / 1/4"	CHECKED MAM	REVISED -
PLOT DATE = 5/5/2016	DATE 5/6/2016	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EASTBOUND I-90 FROM CUMBERLAND AVE TO HARLEM AVE
 PROPOSED TYPICAL SECTIONS
 MAINLINE**

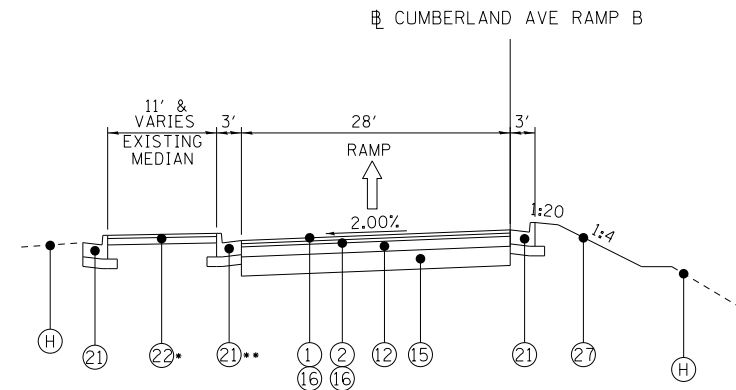
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	557	40
			CONTRACT NO. 60Y38	
ILLINOIS FED. AID PROJECT				

EXISTING LEGEND

- (A) EXISTING 4" +/- HMA SURFACE COURSE
- (B) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 10"
- (C) EXISTING 9" +/- HMA BINDER COURSE
- (D) EXISTING 2" +/- HMA SURFACE COURSE
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- (N) EXISTING CONCRETE CURB AND GUTTER
- (O) EXISTING CONCRETE SIDEWALK

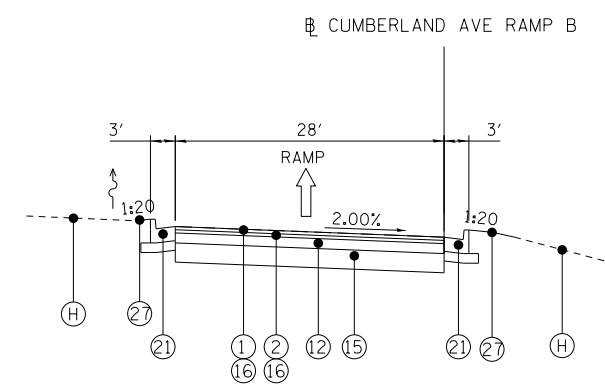
PROPOSED LEGEND

- (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) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- (4) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70, 1 3/4"
- (5) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- (6) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/4"
- (7) 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"
- (8) 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"
- (9) 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"
- (10) 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"
- (11) HOT-MIX ASPHALT BASE COURSE, 5 3/4"
- (12) HOT-MIX ASPHALT BASE COURSE, 6 1/4"
- (13) HOT-MIX ASPHALT BASE COURSE, 7 1/4"
- (14) HOT-MIX ASPHALT BASE COURSE, 9 3/4"
- (15) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (16) BITUMINOUS MATERIALS (TACK COAT)
- (17) RETAINING WALL
- (18) CONCRETE BARRIER, SINGLE FACE, 42 IN HEIGHT (SPECIAL)
- (19) CONCRETE BARRIER BASE
- (20) COMBINATION CURB AND GUTTER, TYPE A
- (21) COMBINATION CURB AND GUTTER, TYPE B-6.24
- (22) CONCRETE MEDIAN, TYPE SB-6.24
- (23) STEEL PLATE BEAM GUARDRAIL
- (24) SIGHT SCREEN (CHAIN LINK FENCE) 6'
- (25) SHOULDER RUMBLE STRIPS, 16"
- (26) AGGREGATE SHOULDERS, TYPE B, 6"
- (27) TOPSOIL FURNISH AND PLACE, 6"
- (28) COMBINATION CURB AND GUTTER, TYPE M-6.24
- (29) STRIP REFLECTIVE CRACK CONTROL TREATMENT (SEE NOTE 1)
- (30) PIPE UNDERDRAINS 4"
- (31) HOT-MIX ASPHALT BASE COURSE WIDENING, 12"
- (32) PORTLAND CEMENT CONCRETE BASE COURSE WIDENING, 10"



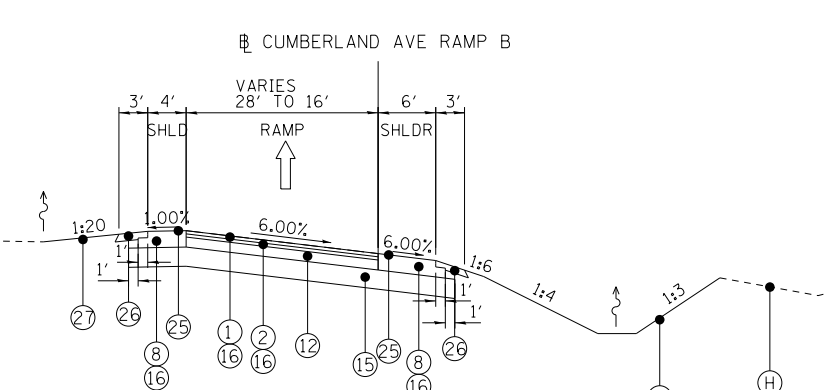
PROPOSED TYPICAL SECTION - CUMBERLAND AVE RAMP B

▬ CUMBERLAND AVE RAMP B STA. 893+12.67 TO STA. 895+47
 • CONCRETE MEDIAN LIMITS ▬ CUMBERLAND AVE RAMP B STA. 892+40.31 TO STA. 895+47
 •• CONCRETE CURB AND GUTTER LIMITS ▬ CUMBERLAND AVE RAMP B STA. 892+40.31 TO STA. 895+47



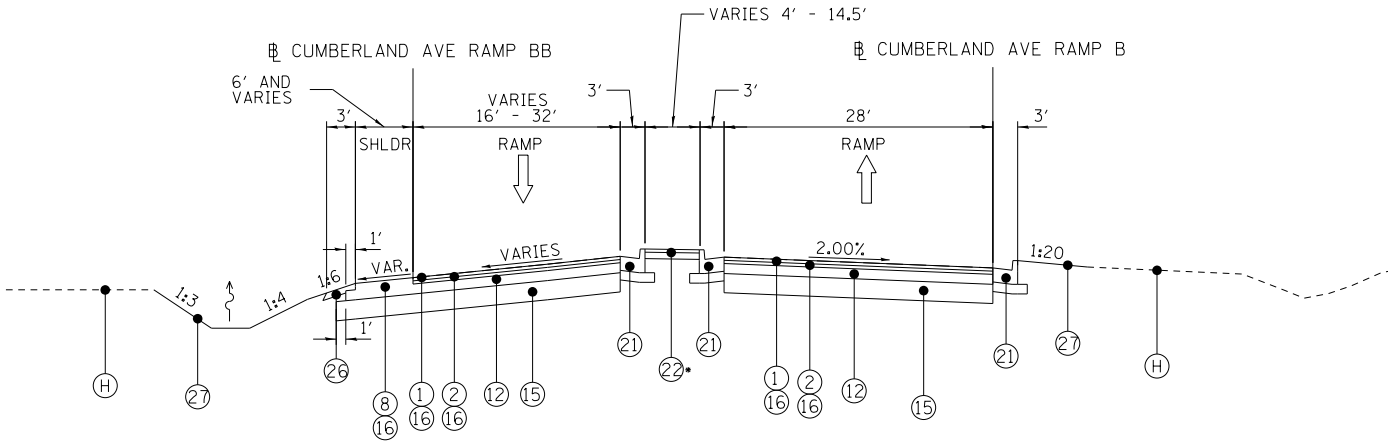
PROPOSED TYPICAL SECTION - CUMBERLAND AVE RAMP B

▬ CUMBERLAND AVE RAMP B STA. 897+43.32 TO STA. 900+93.95



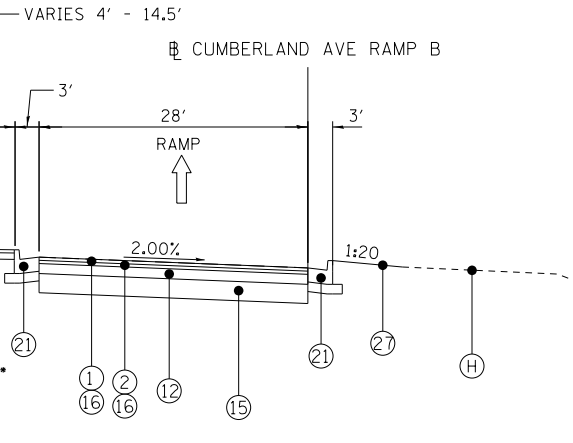
PROPOSED TYPICAL SECTION - CUMBERLAND AVE RAMP B

▬ CUMBERLAND AVE RAMP B STA. 900+93.95 TO STA. 905+37



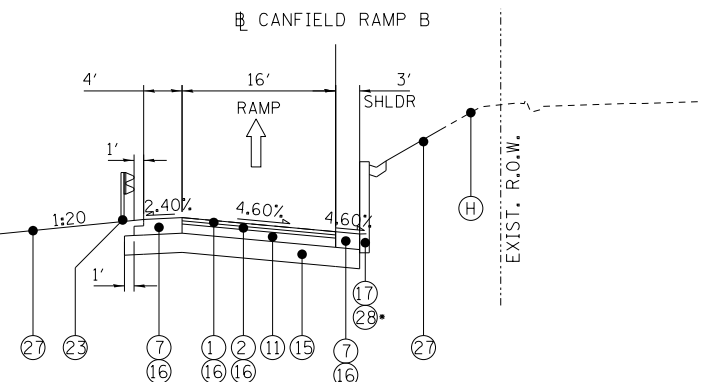
PROPOSED TYPICAL SECTION - CUMBERLAND AVE RAMP BB

▬ CUMBERLAND AVE RAMP BB STA. 809+43 TO STA. 811+85.58



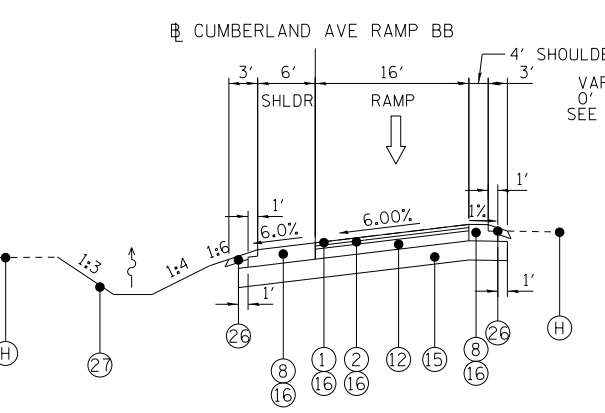
PROPOSED TYPICAL SECTION - CUMBERLAND AVE RAMP B

▬ CUMBERLAND AVE RAMP B STA. 895+47 TO STA. 897+43.32
 • CONCRETE MEDIAN LIMITS ▬ CUMBERLAND RAMP B STA. 895+47 TO STA. 897+43.32



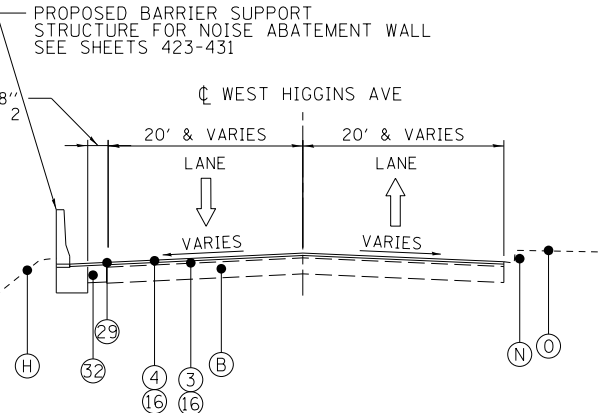
PROPOSED TYPICAL SECTION - CANFIELD RAMP B

▬ CANFIELD RAMP B STA. 10+00 TO STA. 14+35.72
 • COMBINATION CONCRETE CURB AND GUTTER LIMITS ▬ CANFIELD RAMP B STA. 10+61.18 TO STA. 10+95.00



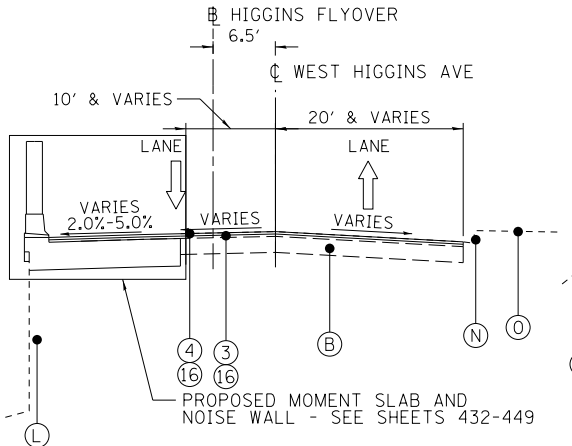
PROPOSED TYPICAL SECTION - CUMBERLAND AVE RAMP BB

▬ CUMBERLAND AVE RAMP BB STA. 805+18 TO STA. 809+43



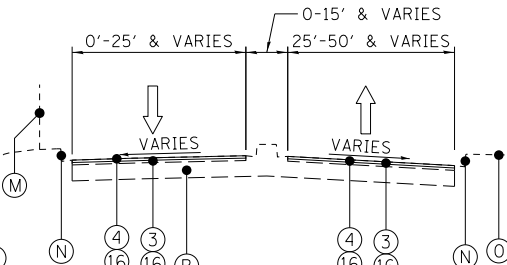
PROPOSED TYPICAL SECTION - WEST HIGGINS AVE

BETWEEN ORIOLE AVE AND HARLEM AVE
 ▬ WEST HIGGINS AVE STA. 995+85 TO STA. 1000+79
 BARRIER SUPPORT STRUCTURE TO BE FLUSH WITH MOMENT SLAB MODIFIED F-SHAPE BARRIER AT TERMINATION



PROPOSED TYPICAL SECTION - WEST HIGGINS AVE AND FLYOVER

BETWEEN ORIOLE AVE AND HARLEM AVE
 ▬ HIGGINS AVE STA. 1000+79 TO STA. 1005+39
 ▬ HIGGINS FLYOVER STA. 2000+00 TO STA. 2002+95



PROPOSED TYPICAL SECTION - HIGGINS AVE BETWEEN HIGGINS FLYOVER AND HARLEM AVE

NOTES:

1. STRIP REFLECTIVE CRACK CONTROL TREATMENT SHALL BE PLACED OVER THE SMA BINDER MIX AT ALL LONGITUDINAL JOINTS BEFORE SMA SURFACE PAVING OPERATIONS. (FOR RESURFACING AND WIDENING.)
2. BARRIER SUPPORT STRUCTURE FOR NOISE ABATEMENT WALL WILL HAVE NOTED LEVELING BINDER AND SURFACE COURSE PLACED OVER THE BASE, SIMILAR TO 10" PCC BASE COURSE WIDENING. RESPECTIVE SHADING ON PLAN SHEETS WILL BE SHOWN SIMILARLY FOR BOTH AREAS. ALL QUANTITIES DO REFLECT THE DIFFERENCE OF THE BASES.



USER NAME = areoss	DESIGNED MM	REVISED -
PLOT SCALE = 1.00' / in.	DRAWN MM	REVISED -
PLOT DATE = 6/7/2016	CHECKED KA	REVISED -
	DATE 5/6/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EASTBOUND I-90 FROM CUMBERLAND AVE TO HARLEM AVE
PROPOSED TYPICAL SECTIONS
RAMPS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	557	41
			CONTRACT NO. 60Y38	
ILLINOIS FED. AID PROJECT				

TYP-06

EARTHWORK SCHEDULE - I-90 EB

BEGIN STATION	END STATION	Earth Excavation Pre-Stage Sub Stage B (CU YD)	Earth Excavation Stage 1 (CU YD)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE* (CU YD)	EMBANKMENT (CU YD)	STRUCTURE EXCAVATION (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)	AGGREGATE SUBGRADE IMPROVEMENT (CU YD)	TOPSOIL EXCAVATION (CU YD)	TOPSOIL PLACEMENT (CU YD)
3037+43.59	3038+00.00	0	0	0	0	0	0	0	0	0	0
3038+00.00	3038+50.00	11	87	0	84	0	0	84	0	0	0
3038+50.00	3039+00.00	10	80	0	77	1	0	76	0	0	0
3039+00.00	3039+50.00	10	54	12	55	111	0	-56	0	25	13
3039+50.00	3040+00.00	10	28	24	32	116	0	-84	0	49	25
3040+00.00	3040+43.78	10	43	27	46	73	0	-27	0	51	24
3040+43.78	3041+00.00	9	76	26	72	85	0	-13	0	49	23
3041+00.00	3041+43.59	13	118	31	111	23	0	88	0	60	29
3041+43.59	3042+00.00	11	107	17	101	3	0	98	0	38	21
3042+00.00	3042+50.00	17	130	16	125	10	0	115	0	43	26
3042+50.00	3043+00.00	16	63	20	67	0	0	67	0	31	11
3043+00.00	3043+50.00	17	62	25	67	0	0	67	0	27	2
3043+50.00	3044+00.00	17	94	25	94	0	0	94	0	33	8
3044+00.00	3044+50.00	17	123	21	120	0	0	120	0	37	16
3044+50.00	3045+00.00	17	123	16	119	20	0	99	0	40	25
3045+00.00	3045+50.00	17	91	7	92	29	0	63	0	42	35
3045+50.00	3046+00.00	17	135	7	129	18	0	111	0	52	45
3046+00.00	3046+50.00	17	194	16	179	13	0	166	0	61	45
3046+50.00	3047+00.00	17	178	16	166	5	0	161	0	57	41
3047+00.00	3047+50.00	17	141	16	134	4	0	130	0	52	37
3047+50.00	3048+00.00	17	98	16	98	3	0	95	0	48	32
3048+00.00	3048+50.00	17	74	16	78	2	0	76	0	44	27
3048+50.00	3049+00.00	17	69	17	73	0	0	73	0	40	23
3049+00.00	3049+50.00	17	70	17	74	0	0	74	0	35	18
3049+50.00	3050+00.00	17	69	15	73	0	0	73	0	30	15
3050+00.00	3050+50.00	17	68	12	72	2	0	70	0	21	9
3050+50.00	3051+00.00	17	64	7	69	0	0	69	0	11	4
3051+00.00	3051+50.00	17	50	3	57	0	0	57	0	3	1
3051+50.00	3052+00.00	17	78	6	80	0	0	80	0	17	11
3052+00.00	3052+50.00	16	109	12	107	3	0	104	0	35	23
3052+50.00	3053+00.00	16	113	14	110	1	0	109	0	37	23
3053+00.00	3053+50.00	16	104	15	102	5	0	97	0	37	22
3053+50.00	3054+00.00	16	88	15	88	2	0	86	0	36	20
3054+00.00	3054+50.00	16	85	15	86	3	0	83	0	34	19
3054+50.00	3055+00.00	16	85	15	86	5	0	81	0	36	21
3055+00.00	3055+30.32	16	84	15	86	5	0	81	0	36	22
3055+30.32	3055+50.00	10	43	10	45	21	0	24	0	22	12
3055+50.00	3056+00.00	6	26	7	28	16	0	12	0	14	7
3056+00.00	3056+50.00	16	67	17	70	7	0	63	0	36	19
3056+50.00	3057+00.00	16	68	17	72	4	0	68	0	36	19
3057+00.00	3057+50.00	17	71	17	75	12	0	63	0	38	21
3057+50.00	3058+00.00	17	86	18	87	0	0	87	0	31	13
3058+00.00	3058+50.00	17	90	18	91	0	0	91	0	21	3
3058+50.00	3059+00.00	16	82	19	83	5	0	78	0	29	10
3059+00.00	3059+50.00	15	99	19	97	1	0	97	0	32	12
3059+50.00	3060+00.00	15	111	19	107	1	0	107	0	28	9
3060+00.00	3060+50.00	16	113	19	109	0	0	109	0	28	9
3060+50.00	3061+00.00	16	106	22	104	0	0	104	0	29	7
3061+00.00	3061+50.00	16	89	22	90	0	0	90	0	27	5
3061+50.00	3062+00.00	17	90	17	91	0	0	91	0	21	4
3062+00.00	3062+50.00	17	91	17	91	0	0	91	0	21	4
3062+50.00	3063+00.00	17	92	17	93	0	0	93	0	21	5
3063+00.00	3063+50.00	17	101	16	100	0	0	100	0	22	5
3063+50.00	3064+00.00	16	106	16	104	0	0	104	0	22	6
3064+00.00	3064+50.00	16	112	16	110	0	0	110	0	24	8
3064+50.00	3065+00.00	16	110	16	107	0	0	107	0	26	10
3065+00.00	3065+50.00	17	109	15	107	1	0	106	0	26	10
3065+50.00	3066+00.00	17	127	15	122	1	0	121	0	25	10
3066+00.00	3066+50.00	16	147	21	139	1	0	138	0	35	13
3066+50.00	3067+00.00	16	170	21	158	0	0	158	0	37	16
3067+00.00	3067+50.00	16	194	15	178	0	0	178	0	32	17
3067+50.00	3068+00.00	16	206	16	189	0	0	189	0	35	20
3068+00.00	3068+50.00	17	214	15	196	0	0	196	0	39	23
3068+50.00	3069+00.00	17	215	16	197	1	0	196	0	42	27
3069+00.00	3069+50.00	17	227	16	207	0	0	207	0	44	28
3069+50.00	3070+00.00	16	242	15	220	0	0	220	0	44	30
3070+00.00	3070+50.00	16	249	13	225	0	0	225	0	48	35
3070+50.00	3071+00.00	17	309	14	276	0	0	276	0	53	40
3071+00.00	3071+50.00	17	333	7	298	1	0	297	0	54	47
3071+50.00	3072+00.00	16	291	5	261	0	0	261	0	53	48
3072+00.00	3072+50.00	15	266	11	239	0	0	239	0	52	40
3072+50.00	3073+00.00	15	262	6	235	1	0	234	0	49	44
3073+00.00	3073+50.00	15	277	0	248	0	0	248	0	54	56
3073+50.00	3073+59.96	15	270	3	242	0	0	242	0	58	55
3073+59.96	3073+99.70	3	47	2	42	0	0	42	0	11	9
	SUB-TOTAL	1,141	9,145	1,096	8,742	623	0	8,119	0	2,565	1,472

*SHRINKAGE FACTOR 15%



USER NAME = mksrby	DESIGNED BAJ	REVISED -
	DRAWN BAJ	REVISED -
PLOT SCALE = 1.00' / 1in.	CHECKED MAM	REVISED -
PLOT DATE = 5/5/2016	DATE 5/6/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
EARTHWORK - I-90 EASTBOUND

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	557	42
			CONTRACT NO. 60Y38	
ILLINOIS FED. AID PROJECT				

SCH-01

EARTHWORK SCHEDULE - I-90 EB

BEGIN STATION	END STATION	Earth Excavation Pre-Stage Sub Stage B (CU YD)	Earth Excavation Stage 1 (CU YD)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE* (CU YD)	EMBANKMENT (CU YD)	STRUCTURE EXCAVATION (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)	AGGREGATE SUBGRADE IMPROVEMENT (CU YD)	TOPSOIL EXCAVATION (CU YD)	TOPSOIL PLACEMENT (CU YD)
3073+99.70	3074+50.00	13	182	8	166	1	0	165	0	46	37
3074+50.00	3075+00.00	18	141	6	135	0	0	135	0	30	24
3075+00.00	3075+05.00	18	10	1	23	2	0	21	0	1	0
3075+05.00	3075+32.63	2	4	1	5	0	0	5	0	1	0
3075+32.63	3075+50.00	10	20	2	25	0	0	25	0	2	0
3075+50.00	3075+93.70	6	14	1	17	0	0	17	0	1	0
3075+93.70	3075+98.01	16	34	0	42	1	0	41	0	0	0
3075+98.01	3076+00.00	2	4	1	5	2	2	3	0	2	1
3076+00.00	3076+50.00	1	3	0	3	1	2	2	0	1	1
3076+50.00	3077+00.00	18	88	0	90	2	53	88	0	29	32
3077+00.00	3077+50.00	18	71	16	76	2	51	74	0	42	26
3077+50.00	3078+00.00	18	58	16	64	6	47	58	0	30	15
3078+00.00	3078+50.00	18	26	58	37	3	45	34	19	27	12
3078+50.00	3079+00.00	18	0	99	15	4	44	11	39	21	6
3079+00.00	3079+50.00	18	3	99	17	2	46	15	39	26	10
3079+50.00	3080+00.00	18	4	100	18	2	49	16	39	26	10
3080+00.00	3080+50.00	18	2	100	16	2	50	14	39	21	6
3080+50.00	3081+00.00	18	15	100	28	2	51	26	39	36	21
3081+00.00	3081+50.00	18	51	102	59	2	50	57	39	53	37
3081+50.00	3082+00.00	18	116	59	114	1	49	113	19	69	53
3082+00.00	3082+50.00	18	196	16	182	1	50	181	0	72	56
3082+50.00	3083+00.00	18	239	16	219	1	52	218	0	57	41
3083+00.00	3083+50.00	18	220	17	202	1	55	201	0	48	32
3083+50.00	3084+00.00	18	151	16	144	1	52	143	0	40	23
3084+00.00	3084+50.00	18	125	17	122	1	54	121	0	31	14
3084+50.00	3085+00.00	18	138	18	132	1	57	131	0	25	8
3085+00.00	3085+20.58	17	117	17	114	1	55	113	0	22	5
3085+20.58	3085+31.53	7	38	7	38	0	22	38	0	8	1
3085+31.53	3085+50.00	4	38	4	35	5	13	30	0	5	1
3085+50.00	3086+00.00	6	91	10	83	4	23	79	0	11	2
3086+00.00	3086+50.00	17	193	20	178	5	55	173	0	23	4
3086+50.00	3086+94.49	18	132	14	128	10	51	118	0	23	9
3086+94.49	3087+55.55	16	93	16	92	4	52	88	0	22	6
3087+55.55	3088+00.00	23	114	26	116	5	74	111	0	29	4
3088+00.00	3088+50.00	17	84	20	86	6	53	80	0	32	12
3088+50.00	3089+00.00	19	101	25	103	5	66	98	0	38	13
3089+00.00	3089+50.00	19	104	33	105	2	70	103	0	36	3
3089+50.00	3090+00.00	20	103	30	104	4	72	100	0	34	4
3090+00.00	3090+50.00	20	97	22	99	4	66	95	0	26	3
3090+50.00	3091+00.00	20	15	4	30	17	10	13	0	8	4
3091+00.00	3091+50.00	20	82	21	87	2	61	85	0	33	12
3091+50.00	3092+00.00	20	74	36	80	53	54	27	0	42	6
3092+00.00	3092+50.00	20	62	41	70	20	43	50	0	47	6
3092+50.00	3093+00.00	20	55	27	63	41	40	22	0	35	8
3093+00.00	3093+14.88	20	49	19	58	52	31	6	0	32	13
3093+14.88	3093+50.00	6	14	5	17	33	10	-16	0	8	3
3093+50.00	3093+72.50	14	34	5	40	2	31	38	0	10	4
3093+72.50	3094+00.00	9	22	0	26	10	17	16	0	0	1
3094+00.00	3094+50.00	11	34	0	38	0	7	38	0	0	0
3094+50.00	3094+62.28	19	68	0	74	0	0	74	0	0	0
3094+62.28	3095+00.00	4	15	0	16	10	4	6	0	0	0
3095+00.00	3095+02.00	14	41	0	47	2	34	45	0	0	2
3095+02.00	3095+50.00	1	2	0	2	3	2	-1	0	0	0
3095+50.00	3096+00.00	17	49	16	56	3	47	53	0	19	3
3096+00.00	3096+50.00	17	52	14	59	3	46	56	0	19	4
3096+50.00	3097+00.00	17	52	15	59	5	45	54	0	23	8
3097+00.00	3097+50.00	17	51	15	58	5	45	53	0	28	12
3097+50.00	3098+00.00	16	50	15	56	3	47	53	0	24	8
3098+00.00	3098+50.00	16	51	5	57	2	48	55	0	10	5
3098+50.00	3099+00.00	17	56	0	62	2	53	60	0	0	5
3099+00.00	3099+50.00	17	33	80	42	2	53	40	51	17	9
3099+50.00	3100+00.00	18	3	145	17	6	41	11	96	17	11
3100+00.00	3100+35.00	18	8	125	22	24	29	-2	83	0	12
3100+35.00	3100+50.00	13	21	41	29	9	17	20	26	0	9
3100+50.00	3100+99.97	6	9	21	12	19	7	-7	15	0	4
3100+99.97	3101+50.00	19	6	155	22	0	12	22	112	6	12
3101+50.00	3102+00.00	19	28	88	40	0	0	40	63	10	9
3102+00.00	3102+50.00	19	52	0	61	1	0	60	0	4	4
3102+50.00	3103+00.00	20	47	0	57	3	0	54	0	3	5
3103+00.00	3103+50.00	20	49	0	58	2	0	56	0	4	6
3103+50.00	3104+00.00	20	52	0	61	2	0	59	0	2	4
3104+00.00	3104+50.00	20	56	0	65	1	0	64	0	7	8
3104+50.00	3105+00.00	21	66	0	73	0	0	73	0	12	14
3105+00.00	3105+50.00	21	99	2	102	0	0	102	0	19	16
3105+50.00	3105+86.11	21	108	6	110	0	0	110	0	23	17
	SUB-TOTAL	1,177	4,786	2,105	5,063	435	2,363	4,628	717	1,508	776

*SHRINKAGE FACTOR 15%



USER NAME = mksrby	DESIGNED BAJ	REVISED -
	DRAWN BAJ	REVISED -
PLOT SCALE = 1.00' / 1in.	CHECKED MAM	REVISED -
PLOT DATE = 5/5/2016	DATE 5/6/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
EARTHWORK - I-90 EASTBOUND

SCALE:	NTS	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	557	43
CONTRACT NO. 60Y38				
ILLINOIS FED. AID PROJECT				

SCH-02

EARTHWORK SCHEDULE - I-90 EB											
BEGIN STATION	END STATION	Earth Excavation Pre-Stage Sub Stage B	Earth Excavation Stage 1	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE*	EMBANKMENT	STRUCTURE EXCAVATION	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	AGGREGATE SUBGRADE IMPROVEMENT	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT
		(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
3105+86.11	3106+00.00	15	71	5	74	0	0	74	0	16	11
3106+00.00	3106+45.31	6	28	3	29	0	0	29	0	7	4
3106+45.31	3106+50.00	19	72	11	77	2	0	75	0	24	13
3106+50.00	3107+00.00	2	5	1	6	2	0	4	0	2	1
3107+00.00	3107+50.00	22	41	6	53	0	0	53	0	12	6
3107+50.00	3108+00.00	22	26	0	41	0	0	41	0	0	0
3108+00.00	3108+50.00	21	26	0	40	0	0	40	0	0	0
3108+50.00	3109+00.00	21	24	0	38	0	0	38	0	0	0
3109+00.00	3109+50.00	21	23	0	38	0	0	38	0	0	0
3109+50.00	3110+00.00	20	24	0	37	0	0	37	0	0	0
3110+00.00	3110+28.00	19	24	0	36	0	0	36	0	0	0
3110+28.00	3110+50.00	10	14	0	20	0	0	20	0	0	0
3110+50.00	3111+00.00	7	11	0	15	0	0	15	0	0	0
3111+00.00	END OF WORK	16	24	0	34	1	0	34	0	0	0
	SUB-TOTAL	220	413	26	538	5	0	533	0	61	35
	TOTAL	2,538	14,344	3,137	14,343	1,063	2,363	13,280	717	4,134	2,283

*SHRINKAGE FACTOR 15%



USER NAME = mksrby	DESIGNED BAJ	REVISED -
	DRAWN BAJ	REVISED -
PLOT SCALE = 1.00' / 1in.	CHECKED MAM	REVISED -
PLOT DATE = 5/5/2016	DATE 5/6/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
EARTHWORK - I-90 EASTBOUND

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	557	44
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y38	

SCH-03

EARTHWORK SCHEDULE - CUMBERLAND RAMP BB										
BEGIN STATION	END STATION	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE*	EMBANKMENT	STRUCTURE EXCAVATION	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	AGGREGATE SUBGRADE IMPROVEMENT	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT
		(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
805+02.97	805+51.55	0	4	0	0	0	0	0	35	31
805+51.55	806+00.00	78	2	67	3	0	64	0	38	36
806+00.00	806+50.00	159	2	135	2	0	133	0	52	50
806+50.00	807+00.00	261	4	222	3	0	219	0	69	64
807+00.00	807+50.00	336	7	285	4	0	281	0	86	79
807+50.00	808+00.00	363	3	309	10	0	299	0	62	59
808+00.00	808+50.00	276	5	235	18	0	217	0	59	54
808+50.00	809+00.00	214	8	182	10	0	172	0	73	65
809+00.00	END OF WORK	191	3	162	4	0	158	0	43	40
TOTAL		1,878	39	1,597	54	0	1,543	0	517	478

*SHRINKAGE FACTOR 15%

EARTHWORK SCHEDULE - CUMBERLAND DETENTION POND										
BEGIN STATION	END STATION	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE*	EMBANKMENT	STRUCTURE EXCAVATION	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	AGGREGATE SUBGRADE IMPROVEMENT	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT
		(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
10+05.00	10+10.00	0	0	0	0	0	0	0	0	0
10+10.00	10+35.00	0	0	0	0	0	0	0	1	1
10+35.00	10+61.00	19	0	16	0	0	16	0	6	7
10+61.00	11+12.00	79	0	67	46	0	21	0	19	21
11+12.00	12+10.00	249	0	212	74	0	138	0	80	82
12+10.00	12+38.00	834	0	709	62	0	647	0	198	202
12+38.00	13+16.00	312	0	265	73	0	192	0	54	56
13+16.00	13+26.00	500	0	425	75	0	350	0	101	107
13+26.00	14+19.00	22	0	19	41	0	-22	0	6	7
14+19.00	14+25.00	98	0	83	371	0	-288	0	28	31
14+25.00	END OF WORK	0	0	0	0	0	0	0	1	1
TOTAL		2,114	0	1,796	743	0	1,053	0	494	515

*SHRINKAGE FACTOR 15%

EARTHWORK SCHEDULE - CUMBERLAND TEMPORARY EXIT RAMP BB (STAGE 1 SUB STAGE A)										
BEGIN STATION	END STATION	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE*	EMBANKMENT	STRUCTURE EXCAVATION	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	AGGREGATE SUBGRADE IMPROVEMENT	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT
		(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
3+50.00	4+00.00	0	0	0	0	0	0	0	0	0
4+00.00	4+50.00	31	62	27	46	0	-19	0	62	0
4+50.00	5+00.00	20	77	17	74	0	-57	0	77	0
5+00.00	5+50.00	73	88	62	62	0	0	0	88	0
5+50.00	6+00.00	65	81	55	73	0	-18	0	81	0
6+00.00	6+50.00	19	58	16	75	0	-59	0	58	0
6+50.00	END OF WORK	23	40	20	41	0	-21	0	40	0
TOTAL		231	405	197	371	0	-174	0	405	0

*SHRINKAGE FACTOR 15%

EARTHWORK SCHEDULE - ITS ACCESS RD AT RIVER RD ENTRANCE RAMP										
BEGIN STATION	END STATION	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE*	EMBANKMENT	STRUCTURE EXCAVATION	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	AGGREGATE SUBGRADE IMPROVEMENT	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT
		(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
10+00.01	10+25.00	0	0	0	0	0	0	0	0	0
10+25.00	10+50.00	12	2	10	0	0	10	0	2	0
10+50.00	10+75.00	12	2	10	0	0	10	0	2	0
10+75.00	10+90.96	12	2	10	1	0	9	0	2	0
10+90.96	11+25.00	8	1	7	1	0	6	0	1	0
11+25.00	11+49.94	21	5	18	4	0	14	0	7	2
11+49.94	11+75.01	19	5	16	16	0	0	0	10	4
11+75.01	11+83.33	20	5	17	51	0	-34	0	14	8
11+83.33	12+19.32	6	3	5	61	0	-56	0	7	4
12+19.32	12+25.00	29	17	24	409	0	-385	0	35	17
12+25.00	12+50.09	5	2	4	41	0	-37	0	5	3
12+50.09	12+75.00	21	5	18	55	0	-37	0	15	9
12+75.00	13+03.75	21	4	17	17	0	0	0	9	5
13+03.75	13+25.00	20	3	17	3	0	14	0	5	2
13+25.00	13+50.00	11	1	10	1	0	9	0	2	1
13+50.00	13+75.00	12	2	10	1	0	9	0	2	1
13+75.00	14+00.00	11	2	10	1	0	9	0	2	0
14+00.00	14+25.00	11	2	9	0	0	9	0	2	0
14+25.00	14+50.00	11	1	9	0	0	9	0	1	0
14+50.00	14+73.24	11	2	9	0	0	9	0	2	0
14+73.24	END OF WORK	10	1	9	0	0	9	0	1	0
TOTAL		281	66	239	662	0	-423	0	123	56

*SHRINKAGE FACTOR 15%



USER NAME = mksrby	DESIGNED BAJ	REVISED -
	DRAWN BAJ	REVISED -
PLOT SCALE = 1.00' / 1" =	CHECKED MAM	REVISED -
PLOT DATE = 5/5/2016	DATE 5/6/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
EARTHWORK - CUMBERLAND RAMP BB, TEMPORARY RAMP BB, CUMBERLAND DETENTION POND AND ITS ACCESS RD

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	557	45
			CONTRACT NO. 60Y38	
ILLINOIS FED. AID PROJECT				

SCH-04

EARTHWORK SCHEDULE - CUMBERLAND RAMP B										
BEGIN STATION	END STATION	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE*	EMBANKMENT	STRUCTURE EXCAVATION	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	AGGREGATE SUBGRADE IMPROVEMENT	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT
		(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
893+12.67	893+50.00	0	0	0	0	0	0	0	0	0
893+50.00	894+00.00	41	0	35	29	0	6	0	4	6
894+00.00	894+50.00	51	0	43	49	0	-6	0	7	12
894+50.00	895+00.00	41	0	35	54	0	-19	0	8	13
895+00.00	895+47.75	31	0	26	55	0	-29	0	11	15
895+47.75	896+00.00	54	0	46	37	0	9	0	14	15
896+00.00	896+50.00	118	2	100	22	0	78	0	37	35
896+50.00	897+00.00	124	0	105	23	0	82	0	50	52
897+00.00	897+50.00	105	0	89	34	0	55	0	45	56
897+50.00	898+00.00	112	0	96	52	0	44	0	52	72
898+00.00	898+50.00	160	0	136	60	0	76	0	78	105
898+50.00	899+00.00	192	0	163	65	0	98	0	101	121
899+00.00	899+50.00	120	0	102	62	0	40	0	63	80
899+50.00	900+00.00	51	0	43	43	0	0	0	19	36
900+00.00	900+50.00	61	0	52	33	0	19	0	17	33
900+50.00	901+00.00	107	0	91	45	0	46	0	59	84
901+00.00	901+50.00	132	0	112	61	0	51	0	84	107
901+50.00	902+00.00	96	0	82	62	0	20	0	72	74
902+00.00	902+50.00	51	0	43	71	0	-28	0	70	74
902+50.00	903+00.00	73	0	62	69	0	-7	0	64	80
903+00.00	903+50.00	146	0	124	55	0	69	0	58	75
903+50.00	904+00.00	226	0	192	50	0	142	0	49	68
904+00.00	904+47.85	231	0	196	48	0	148	0	48	63
904+47.85	904+95.03	240	0	204	29	0	175	0	51	56
904+95.03	905+44.18	235	2	199	12	0	187	0	49	47
905+44.18	END OF WORK	153	8	130	5	0	125	0	43	35
TOTAL		2,735	11	2,506	1,125	0	1,381	0	1,152	1,413

*SHRINKAGE FACTOR 15%

EARTHWORK SCHEDULE - CANFIELD EB RAMP										
BEGIN STATION	END STATION	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE*	EMBANKMENT	STRUCTURE EXCAVATION	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	AGGREGATE SUBGRADE IMPROVEMENT	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT
		(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
10+00.00	10+50.00	0	0	0	0	0	0	0	0	0
10+50.00	10+95.50	57	0	49	1	0	48	0	13	13
10+95.50	11+50.00	87	0	74	2	0	72	0	22	19
11+50.00	12+00.00	148	0	126	5	0	121	0	33	27
12+00.00	12+50.00	176	0	149	5	0	144	0	30	23
12+50.00	13+06.12	205	0	174	4	0	170	0	25	17
13+06.12	13+55.20	277	0	235	4	0	231	0	26	20
13+55.20	14+04.53	254	0	216	4	0	212	0	25	19
14+04.53	14+24.89	201	0	171	5	0	166	0	23	17
14+24.89	END OF WORK	64	0	54	3	0	51	0	9	6
TOTAL		1,469	0	1,248	34	0	1,214	0	206	160

*SHRINKAGE FACTOR 15%



USER NAME = mksrby	DESIGNED BAJ	REVISED -
	DRAWN BAJ	REVISED -
PLOT SCALE = 1.00' / 1in.	CHECKED MAM	REVISED -
PLOT DATE = 5/5/2016	DATE 5/6/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
EARTHWORK - CUMBERLAND RAMP B

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	557	46
CONTRACT NO. 60Y38			ILLINOIS FED. AID PROJECT	

SCH-05

TREE SCHEDULE OF QUANTITIES

			20100110 TREE REMOVAL (6 TO 15 UNITS DIAMETER) UNIT	20100210 TREE REMOVAL (OVER 15 UNITS DIAMETER) UNIT
REM-01	905+25.16	26.4' RT	8	
REM-01	909+95.00	30.6' RT	6	
REM-01	909+99.00	33.6' RT	6	
REM-01	910+27.00	28.1' RT	9	
REM-01	910+39.00	33.2' RT	10	
REM-01	910+40.00	39.4' RT	7	
REM-01	910+94.00	28.5' RT	6	
REM-01	911+00.00	29.1' RT	6	
REM-02	3067+86.00	111.5' RT	8	
REM-02	3067+92.00	112.0' RT	8	
REM-02	3068+09.00	117.0' RT	7	
REM-02	3068+18.00	119.0' RT	8	
REM-02	3068+46.00	112.0' RT	6	
REM-02	3068+62.00	110.8' RT	6	
REM-02	3068+64.00	120.1' RT	7	
REM-02	3068+73.00	111.8' RT	6	
REM-02	3068+87.00	111.1' RT	6	
REM-02	3068+95.00	122.6' RT	6	
REM-02	3069+12.00	113.0' RT	8	
REM-02	3069+71.00	109.0' RT	6	
REM-02	3069+80.00	116.3' RT	6	
REM-02	3070+45.00	128.6' RT	10	
REM-02	3070+92.00	114.5' RT	7	
REM-02	3071+11.00	126.0' RT	6	
REM-02	3072+10.00	114.8' RT	14	
REM-02	3072+11.00	119.4' RT	14	
REM-02	3074+89.00	114.0' RT	10	
REM-02	3078+65.00	93.5' RT	10	
REM-02	3078+92.00	97.0' RT	12	
REM-02	3079+16.00	104.1' RT	12	
REM-02	3079+29.00	103.2' RT	12	
REM-02	3079+46.77	118.5' RT	6	
REM-02	3079+50.30	110.7' RT	6	
REM-02	3079+76.00	112.0' RT	14	
REM-02	3079+89.00	116.9' RT	10	
REM-02	3080+08.00	119.4' RT	14	
REM-02	3080+22.00	122.2' RT	8	
REM-02	3080+64.00	103.4' RT	12	
REM-02	3080+66.00	102.4' RT	12	
REM-02	3080+67.00	103.3' RT	15	
REM-02	3080+80.00	111.5' RT	12	
REM-02	3081+36.00	111.7' RT	11	
REM-02	3081+36.00	112.9' RT	6	
REM-02	11+49.00	10.6' RT	14	
REM-03	3089+68.00	90.9 RT	9	
REM-03	3090+33.00	88.3 RT	13	
REM-03	3090+66.00	90.4 RT	11	
REM-03	3090+68.00	130.0 RT	10	
REM-03	3090+78.00	129.0 RT	8	
REM-03	3091+47.00	92.1 RT	6	
REM-03	3092+05.00	101.4 RT	13	
REM-03	3092+26.17	107.0 RT	10	
REM-03	3093+27.00	92.0 RT	9	
REM-03	3098+12.20	101.5 RT	6	
REM-03	3098+74.00	101.9 RT	11	
REM-03	3099+46.00	100.2 RT	10	
REM-04	901+43.00	34.6 RT	6	
REM-04	901+53.00	35.7 RT	7	
REM-04	901+69.00	35.4 RT	10	
REM-04	901+72.00	31.3 RT	6	
ACC-01	11+74.23	3.83 RT	12	
ACC-01	11+87.25	0.01 LT	12	
ACC-01	12+01.90	4.05 RT	12	
REM-02	3078+63.00	93.8 RT		18
REM-02	3078+91.00	98.4 RT		18
REM-02	3079+23.00	102.7 RT		18
REM-02	3079+76	112.3 RT		18
REM-02	3079+91.00	119.4 RT		18
REM-02	3080+01.00	105.5 RT		18
REM-02	3080+82.00	112.2 RT		17
REM-02	3081+33.00	110.5 RT		24
REM-03	3090+62.00	129.0 RT		24
REM-03	3099+29.00	100.0 RT		24
TOTALS			574	197

LANDSCAPE SCHEDULE OF QUANTITIES

		21101625 TOPSOIL FURNISH AND PLACE, 6"	25000210 SEEDING, CLASS 2A	25000312 SEEDING, CLASS 4A	25000400 NITROGEN FERTILIZER NUTRIENT	25000500 PHOSPHORUS FERTILIZER NUTRIENT	25000600 POTASSIUM FERTILIZER NUTRIENT	25100115 MULCH, METHOD 2	25100127 MULCH, METHOD 3A	25100630 EROSION CONTROL BLANKET	25100635 HEAVY DUTY EROSION CONTROL BLANKET SQ YD	K0013060 PERENNIAL PLANTS, SEDGE MEADOW TYPE, 2" DIAMETER BY 4" DEEP PLUG UNIT	K0029624 WEED CONTROL, TEASEL GALLON	X2501800 SEEDING, CLASS 4 (MODIFIED) ACRE
		SO YD	ACRE	ACRE	POUND	POUND	POUND	ACRE	ACRE	SO YD	SQ YD	UNIT	GALLON	ACRE
I-90	LS-01	3250	0.28		25.1	25.1	25.1	0.28		1350		4	11.2	0.39
	LS-02	5463	0.58		52.3	52.3	52.3	0.58		2813			23.2	0.55
	LS-03	505	0.08		7.6	7.6	7.6	0.08		407			3.4	0.02
	LS-04	6430	0.23		20.7	20.7	20.7	0.23		1112			9.2	1.10
RAMP BB	LS-01	453	0.06		5.4	5.4	5.4	0.06		292			2.4	0.03
	LS-04	2244	0.15		13.6	13.6	13.6	0.15		733			6.1	0.31
RAMP B	LS-01	2334	0.25		22.7	22.7	22.7	0.25		1223			10.1	0.23
	LS-04	1369	0.26		23.7	23.7	23.7	0.26		1275			10.5	0.02
CANFIELD	LS-02	109	0.02		2.0	2.0	2.0	0.02		109			0.9	0.00
	LS-03	2885	0.60		53.6	53.6	53.6	0.60		2885			23.8	0.00
HARLEM	LS-03	0	0.00		0.0	0.0	0.0	0.00		0			0.0	0.00
ACCESS ROAD	LS-05	484	0.09	0.01					0.10		484			
TOTALS		25526	2.62	0.01	227.0	227.0	227.0	2.53	0.10	12199	484	4	100.8	2.65

LANDSCAPE SCHEDULE OF QUANTITIES (CONT'D)

		X2503000 MAINTENANCE MOWING ACRE	X2503315 INTERSEEDING, CLASS 4A (MODIFIED) ACRE	X2511630 EROSION CONTROL BLANKET (SPECIAL) SQ YD
I-90	LS-01	3.18	1.00	1901
	LS-02	6.36		2650
	LS-03	0.86		98
	LS-04	3.40		5318
RAMP BB	LS-01	0.64		161
	LS-04	1.83		1511
RAMP B	LS-01	2.76		1111
	LS-04	2.65		94
CANFIELD	LS-02	0.23		0
	LS-03	5.96		0
HARLEM	LS-03	0.00		0
ACCESS ROAD	LS-05			
TOTALS		27.86	1.00	12842

EROSION CONTROL SCHEDULE OF QUANTITIES

		20101000 TEMPORARY FENCE FOOT	20101100 TREE TRUNK PROTECTION EACH	20101700 SUPPLEMENTAL WATERING UNIT	28000200 EARTH EXCAVATION FOR EROSION CONTROL CU YD	28000250 TEMPORARY EROSION CONTROL SEEDING POUND	28000305 TEMPORARY DITCH CHECKS FOOT	28000400 PERIMETER EROSION BARRIER FOOT	28000510 INLET FILTERS EACH
I-90	ESC-02		5		47	28			17
	ESC-03	849	7			58			36
	ESC-04		3			8			28
	ESC-05					23			4
RAMP BB	ESC-02					6	30	243	4
	ESC-03								
	ESC-05		2			15	60	469	
RAMP B	ESC-02	1613				25	94		2
	ESC-03	931							4
	ESC-05	846	4			26	20	742	9
CANFIELD	ESC-03					2			1
	ESC-04	195				60			13
HARLEM	ESC-04					0			17
HIGGINS	ESC-03								
ACCESS ROAD	ESC-06					10	20	492	1
TOTALS		4434	21	440	47	262	224	1946	136

EROSION CONTROL SCHEDULE OF QUANTITIES (CONT'D)

		28001000 AGGREGATE (EROSION CONTROL) TON	28001200 TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET SQ YD	28100107 STONE RIPRAP, CLASS A4 SQ YD	X0323261 TEMPORARY SEDIMENT BASIN EACH
I-90	ESC-02	61			1
	ESC-03				
	ESC-04				
	ESC-05				
RAMP BB	ESC-02				
	ESC-03				
	ESC-05			16	
RAMP B	ESC-02			32	
	ESC-03				
	ESC-05				
CANFIELD	ESC-03				
	ESC-04				
HARLEM	ESC-04				
HIGGINS	ESC-03				
ACCESS ROAD	ESC-06		484		
TOTALS		61	484	47	1



USER NAME = mksrby	DESIGNED APR	REVISED -
	DRAWN APR	REVISED -
PLOT SCALE = 1.00' / 1in.	CHECKED MAM	REVISED -
PLOT DATE = 5/5/2016	DATE 5/6/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES TREES, LANDSCAPING, AND EROSION CONTROL					F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE:	NTS	SHEET NO.	OF	SHEETS	STA.	TO STA.	COOK	557	47
					CONTRACT NO. 60Y38				
					ILLINOIS FED. AID PROJECT				

SCH-06

ROADWAY SCHEDULE OF QUANTITIES

		30300112 AGGREGATE SUBGRADE IMPROVEMENT CU YD	30300112 AGGREGATE SUBGRADE IMPROVEMENT, 12" SQ YD	31101200 SUBBASE GRANULAR MATERIAL, TYPE B 4" SQ YD	35400500 PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 10" SQ YD	35501307 HOT-MIX ASPHALT BASE COURSE, 5 3/4 " SQ YD	35501308 HOT-MIX ASPHALT BASE COURSE, 6" SQ YD	35501309 HOT-MIX ASPHALT BASE COURSE, 6 1/4 " SQ YD	35501314 HOT-MIX ASPHALT BASE COURSE, 7 1/4 " SQ YD	35501323 HOT-MIX ASPHALT BASE COURSE, 9 3/4 " SQ YD	35600724 HOT-MIX ASPHALT BASE COURSE WIDENING, 12" SQ YD	40600290 BITUMINOUS MATERIALS (TACK COAT) POUND	40600827 POLYMERIZED LEVELING BINDER (MACHINE METHOD), 1L-4.75, N50 TON	40600982 HOT-MIX ASPHALT SURFACE REMOVAL -BUTT JOINT SQ YD	40603085 HOT-MIX ASPHALT BINDER COURSE, 1L-19.0, N70 TON	40603340 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 TON
I-90	PP-01		8035							3639	1539	13609		107	84	247
	PP-02	271	8490							3822	1696	13537			73	255
	PP-03	446	8278							4167	1993	14409			73	288
	PP-04		660							39	415	904		82	20	64
RAMP BB	PP-01		549					361				324				
	PP-04		1964					1298				1168		60		
RAMP B	PP-01		1938					1217				1096				
	PP-04		2788					2652				2387		47		
CANFIELD	PP-02		473			431						362		27		
	PP-03		891			785						635				
HARLEM	PP-03		591						413			371		69		
HIGGINS	PP-03		157	1265		148						666	289	89		
	PP-04											660	270			
ACCESS	ACC-01		925					925				463				104
SEE MOT	SCHEDULE		5964													
	TOTALS	717	41702	1265	148	1216	925	5529	413	11667	5644	50590	559	480	250	958

ROADWAY SCHEDULE OF QUANTITIES (CONT'D)

		40603565 POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E" N70 TON	42001300 PROTECTIVE COAT SQ YD	44300200 STRIP REFLECTIVE CRACK CONTROL TREATMENT FOOT	48101600 AGGREGATE SHOULDERS, TYPE B 8" SQ YD	48203036 HOT-MIX ASPHALT SHOULDERS, 9 3/4" SQ YD	48203038 HOT-MIX ASPHALT SHOULDERS, 10 1/4" SQ YD	48203042 HOT-MIX ASPHALT SHOULDERS, 11 1/4" SQ YD	48203052 HOT-MIX ASPHALT SHOULDERS, 13 3/4" SQ YD	60602500 CONCRETE GUTTER, TYPE A FOOT	60602800 CONCRETE GUTTER, TYPE B FOOT	60610400 COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24 FOOT	60620000 CONCRETE MEDIAN, TYPE SB-6.24 SQ FT	60624600 CORRUGATED MEDIAN SQ FT	64200116 SHOULDER RUMBLE STRIPS, 16 INCH FOOT	X4060002 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, SMA, N80 TON	X4060006 POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, N80 (IL-12.5) TON
I-90	PP-01		478	8158	276				2756	168					4039	1607	1607
	PP-02		285	8458					2972	1687	809				5183	1590	1590
	PP-03		46	7939					2002		1928				4720	1681	1681
	PP-04			400					320						258	89	89
RAMP BB	PP-01				82		170									40	40
	PP-04		66		332		553						5754			145	145
RAMP B	PP-01				365		597									136	136
	PP-04		545		71		112									297	297
CANFIELD	PP-02		12			42						41				45	45
	PP-03					106										79	79
HARLEM	PP-03		48					207		564				556		46	46
HIGGINS	PP-03	674	93	1458													
	PP-04	630	93	2151													
ACCESS	ACC-01																
SEE MOT	SCHEDULE				1260												
	TOTALS	1305	1666	28564	2386	148	1432	207	8051	2420	2737	41	5755	556	14200	5757	5757

GUARDRAIL SCHEDULE OF QUANTITIES

		63000001 STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS FOOT	63100045 TRAFFIC BARRIER TERMINAL, TYPE 2 EACH	63100085 TRAFFIC BARRIER TERMINAL, TYPE 6 EACH	63100089 TRAFFIC BARRIER TERMINAL, TYPE 6B EACH	63100167 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT EACH	78201000 TERMINAL MARKER - DIRECT APPLIED EACH
I-90	PP-01						
	PP-02	138			1	1	1
	PP-03						
	PP-04						
RAMP BB	PP-01						
	PP-04						
RAMP B	PP-01						
	PP-04						
CANFIELD	PP-02	75				1	
	PP-03	225	1				1
HARLEM	PP-03	550		1			
HIGGINS	PP-03						
ACCESS	ACC-01	418	1			1	
	TOTALS	1406	2	1	2	3	2

CONCRETE BARRIER SCHEDULE OF QUANTITIES

		63700155 CONCRETE BARRIER, SINGLE FACE, 32 INCH HEIGHT FOOT	63700900 CONCRETE BARRIER BASE FOOT	64300450 IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 3 EACH	78200530 BARRIER WALL MARKERS, TYPE C EACH	X6370279 CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT (SPECIAL) FOOT	X6370700 CONCRETE BARRIER TRANSITION (SPECIAL) FOOT
I-90	PP-01					675	
	PP-02				14		
	PP-03	50	40	1		50	50
	PP-04						
RAMP BB	PP-01					350	
	PP-04						
RAMP B	PP-01						
	PP-04						
CANFIELD	PP-02						
	PP-03						
HARLEM	PP-03						
HIGGINS	PP-03						
ACCESS	ACC-01						
SEE MOT	SCHEDULE				1911		
	TOTALS	50	40	1	1925	1075	50



USER NAME = areoss	DESIGNED APR	REVISED -
	DRAWN APR	REVISED -
PLOT SCALE = 1.00' / in.	CHECKED MAM	REVISED -
PLOT DATE = 6/6/2016	DATE 5/6/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES
ROADWAY, GUARDRAIL, AND CONCRETE BARRIER**

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

SCH-07	
F.A.I. RTE.	SECTION
90	(1517 & 1415) R-3
COUNTY	COOK
TOTAL SHEETS	557
SHEET NO.	48
CONTRACT NO. 60Y38	
ILLINOIS FED. AID PROJECT	

PAVEMENT MARKING SCHEDULE OF QUANTITIES

		78000100 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS SQ FT	78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4" FOOT	78000400 THERMOPLASTIC PAVEMENT MARKING - LINE 6" FOOT	78000500 THERMOPLASTIC PAVEMENT MARKING - LINE 8" FOOT	78000600 THERMOPLASTIC PAVEMENT MARKING - LINE 12" FOOT	78000650 THERMOPLASTIC PAVEMENT MARKING - LINE 24" FOOT	78004210 PERFORMED PLASTIC PAVEMENT MARKING, TYPE B -INLAID - LINE 4" FOOT	78004220 PERFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 5" FOOT	78004240 PERFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 8" FOOT	78100100 RAISED REFLECTIVE PAVEMENT MARKER EACH	78200410 GUARDRAIL MARKERS, TYPE A EACH
I-90	PMK-01		3851		1308	237	75	1896			190	
	PMK-02	36	4452				200	1834		85	194	4
	PMK-03	146	2920		2562	207	138	1304	418		178	
	PMK-04		400					100			10	
RAMP BB	PMK-01		406		660						6	
	PMK-04		1495									
RAMP B	PMK-01		1344		716							
	PMK-02				732							
	PMK-04		896		649	934	12					
CANFIELD	PMK-02		73		146	330						2
	PMK-03		73		428	400	12					3
HARLEM	PMK-03		247		974						9	8
HIGGINS	PMK-03	125	3717		1113	105	182					
	PMK-04	145	1586	632	1692	270	130					
ACCESS	ACC-01		658									
SEE WATER MAIN RELOC.		313	4002	943		166	79					
TOTALS		765	26119	1575	10980	2650	415	414	5135	503	587	17

REMOVAL SCHEDULE OF QUANTITIES

63500105 - DELINEATORS (EACH)

ALIGNMENT	DRAWING	FROM STATION	TO STATION	OFFSET	QUANTITY	
I-90	PP-01	3032+00.00	3038+37.05	RT	2	
	PP-01	3042+64.55	3050+94.13	RT	3	
	PP-02	3061+34.47	3075+95.41	RT	4	
	PP-02	3075+95.41	3083+00.00	RT	3	
	PP-03	3083+00.00	3085+31.58	RT	1	
	PP-03	3087+35.16	3093+15.12	RT	2	
	PP-03	3095+16.21	3101+00.00	RT	2	
	PP-03	3095+16.21	3098+05.50	RT	1	
	PP-03	3095+05.50	3101+00.00	RT	3	
	PP-03	3105+88.03	3108+95.21	RT	1	
	PP-04	3108+95.21	3111+00.00	RT	1	
	CUMBERLAND RAMP BB	PP-01	800+93.96	805+18.03	RT	4
		PP-01	805+18.03	806+00.00	LT	3
		PP-04	806+00.00	811+85.44	LT	19
CUMBERLAND RAMP B	PP-01	902+00.00	905+37.70	LT	5	
	PP-01	905+37.70	911+36.04	RT	6	
	PP-02	911+36.04	915+67.37	RT	5	
	PP-04	893+12.67	900+00.10	RT	5	
	PP-04	895+46.36	900+00.00	RT	5	
	PP-04	895+46.36	900+00.00	LT	5	
	PP-04	900+00.10	902+00.00	LT	3	
CANFIELD EB RAMP	PP-02	10+87.25	12+00.00	LT	2	
	PP-03	12+00.00	14+31.98	LT	3	
HARLEM RAMP A	PP-03	1+16.21	5+31.62	RT	5	
	PP-03	5+30.62	7+01.64	RT	1	
TOTALS					94	

		44000100 PAVEMENT REMOVAL SQ YD	44000159 HOT-MIX ASPHALT SURFACE REMOVAL, 2 1-2" SQ YD	44000165 HOT-MIX ASPHALT SURFACE REMOVAL, 4" SQ YD	44000166 HOT-MIX ASPHALT SURFACE REMOVAL, 4 1/4" SQ YD	44000500 COMBINATION CURB AND GUTTER REMOVAL FOOT	44000600 SIDEWALK REMOVAL SQ FT	44001980 CONCRETE BARRIER REMOVAL FOOT	44004250 PAVED SHOULDER REMOVAL SQ YD	63200310 GUARDRAIL REMOVAL FOOT
I-90	REM-01	979		10785	667			729	4496	
	REM-02	141		10393	577	2266	118	225	5338	
	REM-03	1358		10448	578	646	602	238	5231	178
	REM-04			822	155					413
RAMP BB	REM-01	383				86				239
	REM-04	1335				1076				503
RAMP B	REM-01	1361				337				980
	REM-04	2455				1764				1093
CANFIELD	REM-02	429				348				
	REM-03	649				760				298
HARLEM	REM-03	426		273		253				90
HIGGINS	REM-03		6482			1277	536			190
	REM-04		6429			104	740			
ACCESS	ACC-01									508
SEE MOT SCHEDULE		6825								
TOTALS		16340	12911	32722	1978	8916	1996	1191	19237	458

		X4403300 CONCRETE MEDIAN REMOVAL SQ FT	Z0022800 FENCE REMOVAL FOOT
I-90	REM-01		
	REM-02		
	REM-03	484	
	REM-04		
RAMP BB	REM-01		
	REM-04		
RAMP B	REM-01		
	REM-04	538	
CANFIELD	REM-02		156
	REM-03		481
HARLEM	REM-03		
HIGGINS	REM-03		
	REM-04		
ACCESS	ACC-01		
SEE MOT SCHEDULE			
SEE STRUCTURE BOM			565
TOTALS		1022	1203



USER NAME = oreoss	DESIGNED APR	REVISED -
	DRAWN APR	REVISED -
PLOT SCALE = 1.00' / in.	CHECKED MAM	REVISED -
PLOT DATE = 6/6/2016	DATE 5/6/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

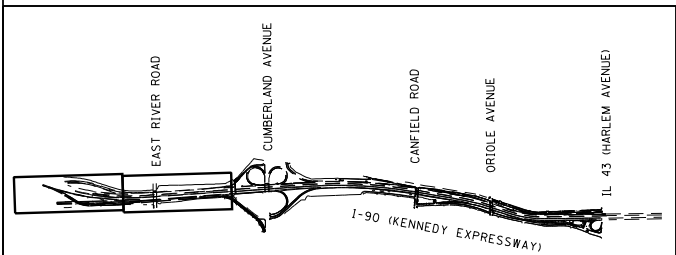
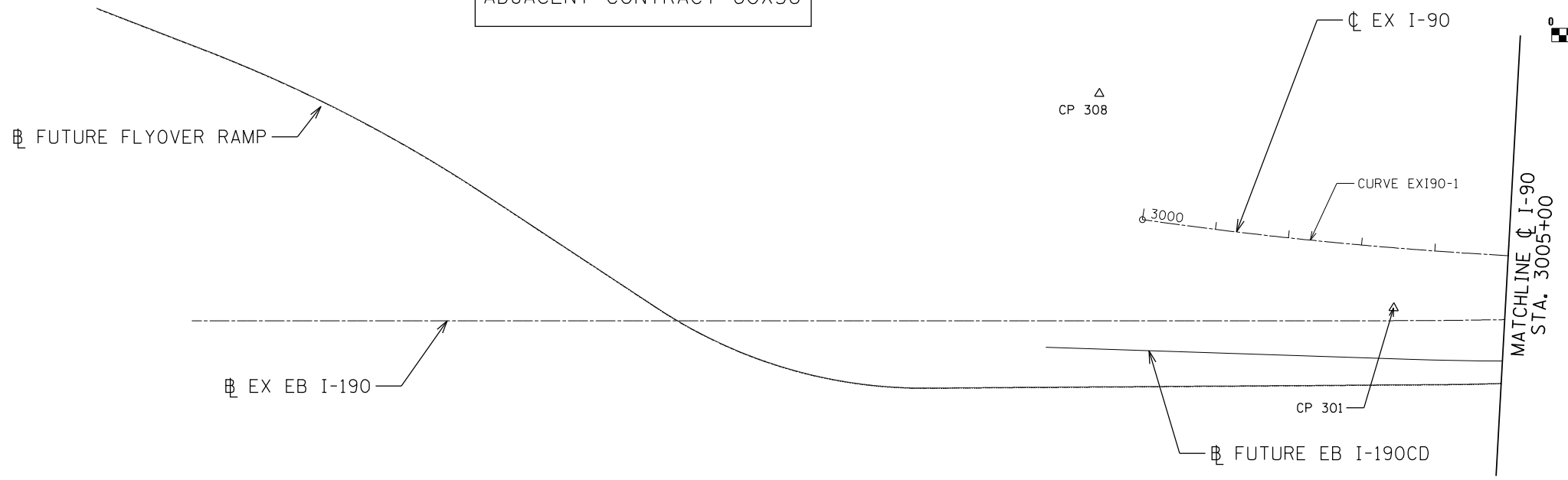
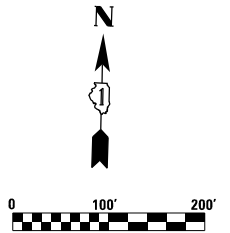
**SCHEDULE OF QUANTITIES
PAVEMENT MARKINGS, DELINEATORS, AND REMOVALS**

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

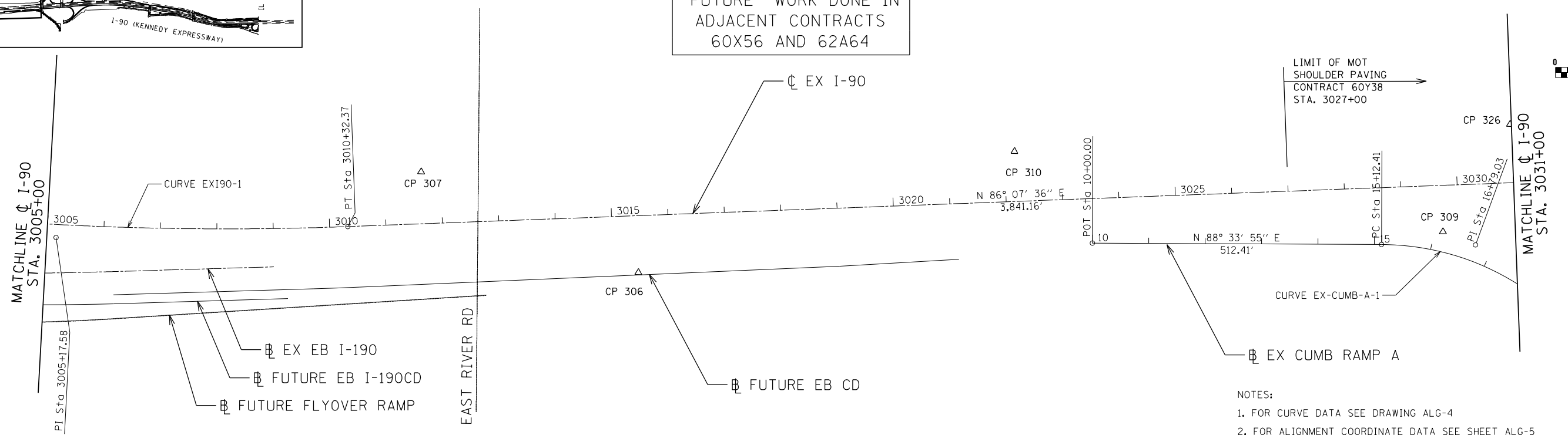
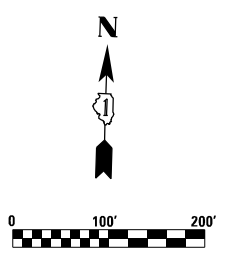
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	557	49
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y38	

SCH-08

FOR INFORMATION ONLY
 "FUTURE" WORK DONE IN
 ADJACENT CONTRACT 60X56



FOR INFORMATION ONLY
 "FUTURE" WORK DONE IN
 ADJACENT CONTRACTS
 60X56 AND 62A64



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

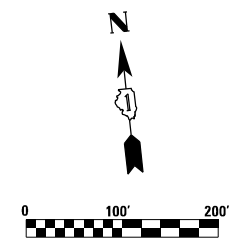
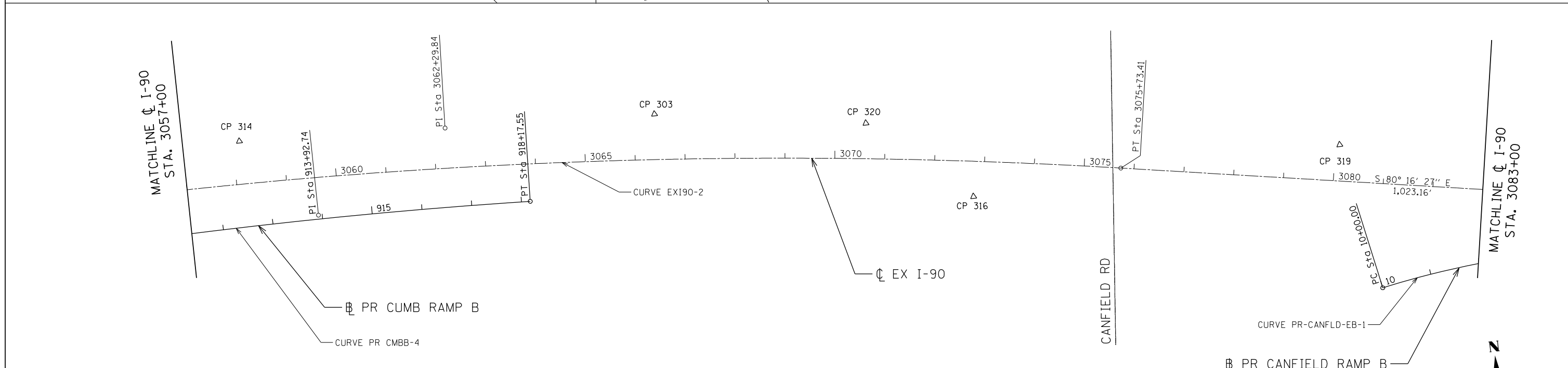
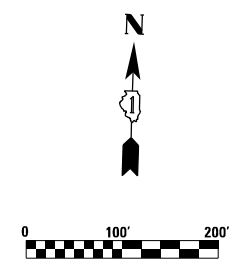
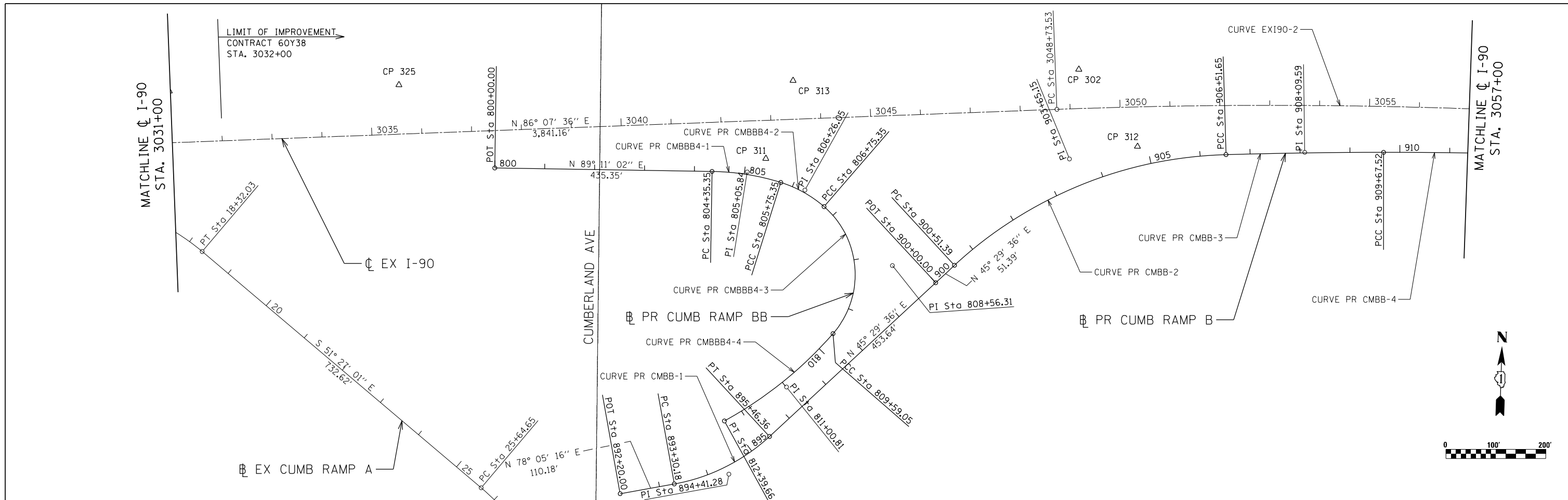
ALG-1

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 = 5-03-2016	CHECKED ACL	REVISED -
		DATE 5/6/2016	REVISED -

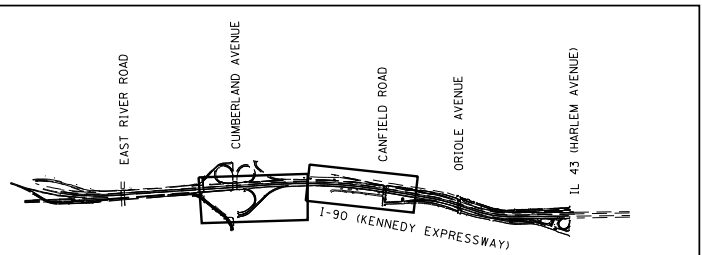
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

I-90 EASTBOUND FROM CUMBERLAND AVE TO HARLEM AVE ALIGNMENT & TIES		
SCALE: 1"=100'	SHEET NO. 1 OF 8 SHEETS	STA. 3000+00 TO STA. 3031+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	557	50
CONTRACT NO. 60Y38				
ILLINOIS FED. AID PROJECT				

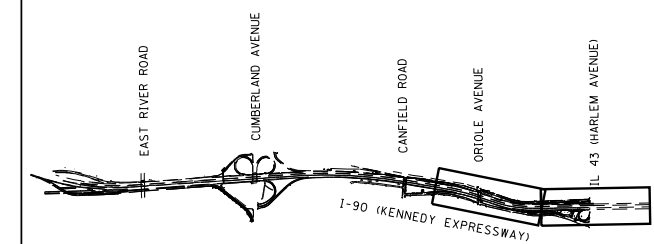
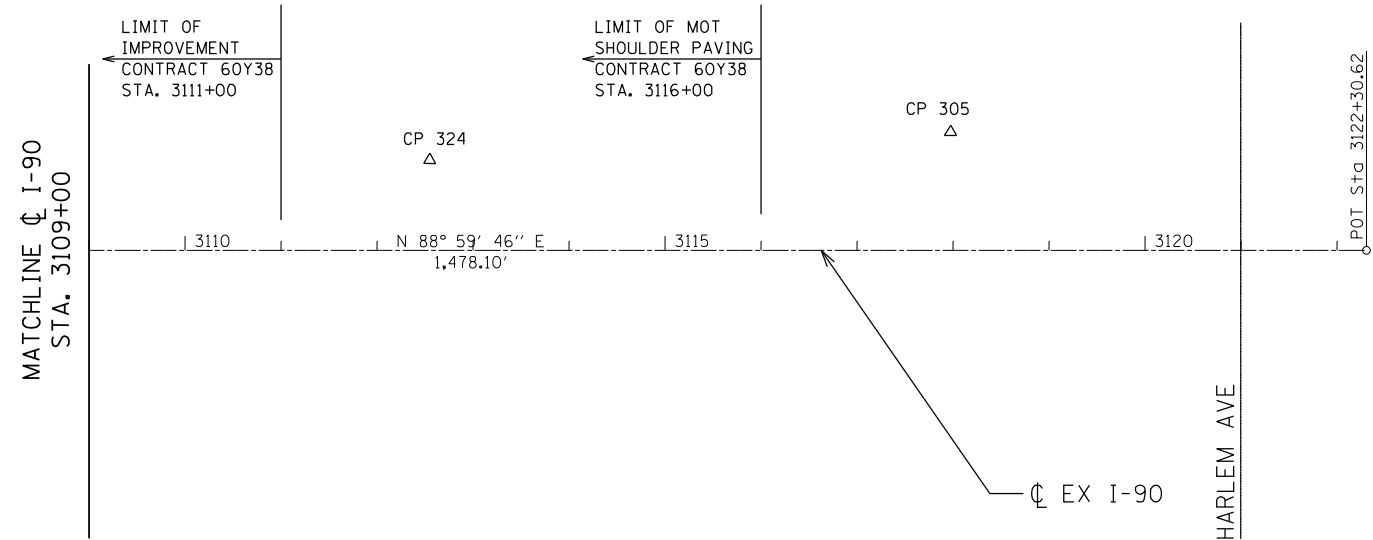
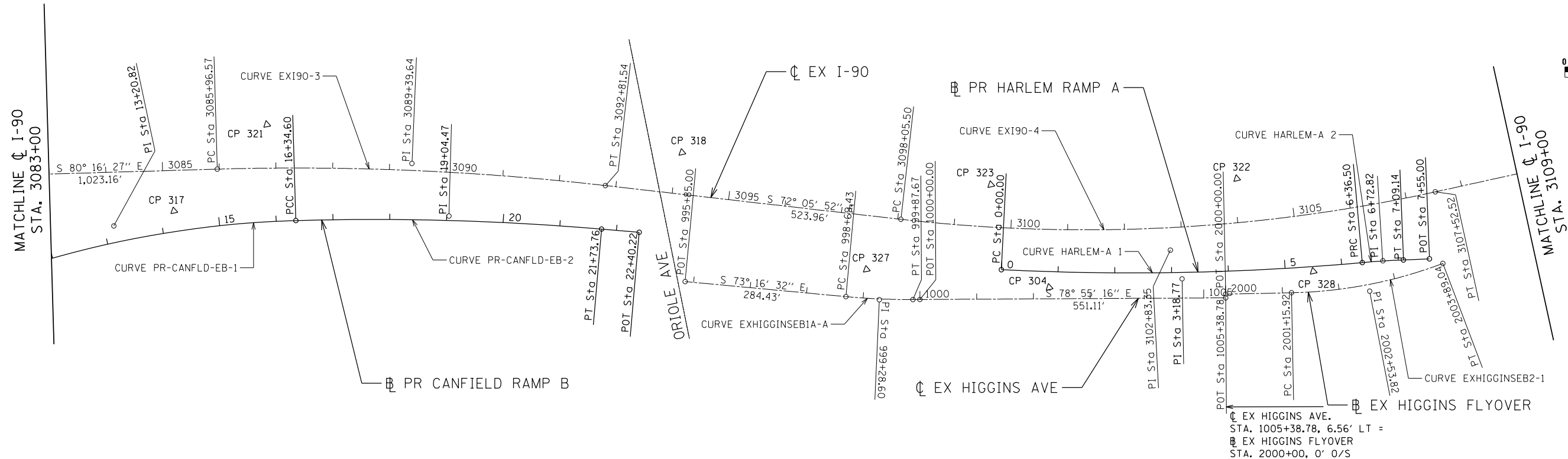


- NOTES:
1. FOR CURVE DATA SEE DRAWING ALG-4
 2. FOR ALIGNMENT COORDINATE DATA SEE SHEET ALG-5



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 EASTBOUND FROM CUMBERLAND AVE TO HARLEM AVE ALIGNMENT & TIES			F.A.I. RTE. 90	SECTION (1517 & 1415) R-3	COUNTY COOK	TOTAL SHEETS 557	SHEET NO. 51
	PLOT SCALE = #SCALE#	CHECKED ACL	REVISED -		SCALE: 1"=100'	SHEET NO. 2 OF 7 SHEETS	STA. 3031+00 TO STA. 3083+00	CONTRACT NO. 60Y38				
PLOT DATE = 5-03-2016	DATE 5/6/2016	REVISED -			ILLINOIS FED. AID PROJECT							
FILE NAME = #FILEL#												

ALG-2



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

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 = 5-03-2016	DATE 5/6/2016	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

I-90 EASTBOUND FROM CUMBERLAND AVE TO HARLEM AVE
 ALIGNMENT & TIES
 SCALE: 1"=100' SHEET NO. 3 OF 8 SHEETS STA. 3083+00 TO STA. 3122+30.62

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	557	52
CONTRACT NO. 60Y38				
ILLINOIS FED. AID PROJECT				

ALG-3

EX-I-90		EX-I-90		EX-I-90		EX-I-90	
EXIST. CURVE EXI90-1	EXIST. CURVE EXI90-2	EXIST. CURVE EXI90-3	EXIST. CURVE EXI90-4	EXIST. CURVE EXHIGGINSEB1A-1	EXIST. CURVE EX_HIGGENSEB2-1		
PI STA. = 3005+17.58	PI STA. = 3062+29.84	PI STA. = 3089+39.64	PI STA. = 3102+83.35	PI STA. = 999+28.60	PI STA. = 2002+53.82		
$\Delta = 10^\circ 17' 13''$ (LT)	$\Delta = 13^\circ 35' 57''$ (RT)	$\Delta = 8^\circ 10' 34''$ (RT)	$\Delta = 18^\circ 54' 22''$ (LT)	$\Delta = 5^\circ 38' 44''$ (LT)	$\Delta = 19^\circ 33' 39''$ (LT)		
D = 0° 59' 47"	D = 0° 30' 13"	D = 1° 11' 37"	D = 1° 59' 47"	D = 4° 46' 29"	D = 7° 09' 43"		
R = 5,750.00'	R = 11,375.00'	R = 4,800.00'	R = 2,870.00'	R = 1,200.00'	R = 800.00'		
T = 517.58'	T = 1,356.31'	T = 343.07'	T = 477.85'	T = 59.17'	T = 137.90'		
L = 1,032.37'	L = 2,699.87'	L = 684.97'	L = 947.02'	L = 118.24'	L = 273.12'		
E = 23.25'	E = 80.58'	E = 12.24'	E = 39.51'	E = 1.46'	E = 11.80'		
e = -----	e = N.C.	e = 3.0%	e = 4.4%	e = -----	e = -----		
T.R. = -----	T.R. = NA	T.R. = 71'	T.R. = 90'	T.R. = -----	T.R. = -----		
S.E. RUN = -----	S.E. RUN = NA	S.E. RUN = 94'	S.E. RUN = 265'	S.E. RUN = -----	S.E. RUN = -----		
P.C. STA. = 3000+00.00	P.C. STA. = 3048+73.53	P.C. STA. = 3085+96.57	P.C. STA. = 3098+05.50	P.C. STA. = 998+69.43	P.C. STA. = 2001+15.92		
P.T. STA. = 3010+32.37	P.T. STA. = 3075+73.41	P.T. STA. = 3092+81.54	P.T. STA. = 3107+52.52	P.T. STA. = 999+87.67	P.T. STA. = 2003+89.04		

CUMB RAMP B			
PROP. CURVE PR_CMBB-1	PROP. CURVE PR_CMBB-2	PROP. CURVE PR_CMBB-3	PROP. CURVE PR_CMBB-4
PI STA. = 894+41.28	PI STA. = 903+65.15	PI STA. = 908+09.59	PI STA. = 913+92.74
$\Delta = 32^\circ 35' 40''$ (RT)	$\Delta = 41^\circ 11' 19''$ (RT)	$\Delta = 1^\circ 36' 19''$ (RT)	$\Delta = 4^\circ 18' 53''$ (RT)
D = 15° 04' 40"	D = 6° 51' 42"	D = 0° 30' 30"	D = 0° 30' 27"
R = 380.00'	R = 835.00'	R = 11,273.89'	R = 11,287.75'
T = 111.10'	T = 313.76'	T = 157.95'	T = 425.22'
L = 216.17'	L = 600.26'	L = 315.87'	L = 850.03'
E = 15.91'	E = 57.00'	E = 1.11'	E = 8.01'
e = NC	e = 6.00%	e = NC	e = NC
T.R. = N/A	T.R. = N/A	T.R. = N/A	T.R. = N/A
S.E. RUN = N/A	S.E. RUN = 190	S.E. RUN = N/A	S.E. RUN = N/A
P.C. STA. = 893+30.18	P.C. STA. = 900+51.39	P.C. STA. = 906+51.65	P.C. STA. = 909+67.52
P.T. STA. = 895+46.36	P.T. STA. = 906+51.65	P.T. STA. = 909+67.52	P.T. STA. = 918+17.55

EX CUMB RAMP A	
EXIST. CURVE EX-CUMB-A-1	EXIST. CURVE EX-CUMB-A-2
PI STA. = 16+79.03	PI STA. = 27+62.79
$\Delta = 39^\circ 59' 03''$ (RT)	$\Delta = 45^\circ 48' 17''$ (RT)
D = 12° 30' 36"	D = 12° 13' 00"
R = 458.00'	R = 469.00'
T = 166.63'	T = 198.14'
L = 319.62'	L = 374.94'
E = 29.37'	E = 40.14'
e = -----	e = -----
T.R. = -----	T.R. = -----
S.E. RUN = -----	S.E. RUN = -----
P.C. STA. = 15+12.41	P.C. STA. = 25+64.65
P.T. STA. = 18+32.03	P.T. STA. = 29+39.59

CUMB RAMP BB			
PROP. CURVE PR_CMBBB4-1	PROP. CURVE PR_CMBBB4-2	PROP. CURVE PR_CMBBB4-3	PROP. CURVE PR_CMBBB4-4
PI STA. = 805+05.84	PI STA. = 806+26.05	PI STA. = 808+56.31	PI STA. = 811+00.81
$\Delta = 16^\circ 32' 20''$ (RT)	$\Delta = 23^\circ 23' 10''$ (RT)	$\Delta = 90^\circ 18' 16''$ (RT)	$\Delta = 20^\circ 05' 51''$ (RT)
D = 11° 48' 49"	D = 23° 23' 10"	D = 31° 49' 52"	D = 7° 09' 43"
R = 485.00'	R = 245.00'	R = 180.00'	R = 800.00'
T = 70.49'	T = 50.71'	T = 180.96'	T = 141.76'
L = 140.00'	L = 100.00'	L = 283.70'	L = 280.62'
E = 5.10'	E = 5.19'	E = 75.24'	E = 12.46'
e = 6.00%	e = 6.00%	e = 6.00%	e = 3.40%
T.R. = N/A	T.R. = N/A	T.R. = N/A	T.R. = N/A
S.E. RUN = 165	S.E. RUN = 145	S.E. RUN = 138	S.E. RUN = 78
P.C. STA. = 804+35.35	P.C. STA. = 805+75.35	P.C. STA. = 806+75.35	P.C. STA. = 809+59.05
P.C.C. STA. = 805+75.35	P.C.C. STA. = 806+75.35	P.C.C. STA. = 809+59.05	P.T. STA. = 812+39.66

CANFIELD RAMP B	
PROP. CURVE PR-CANFLD-EB2-1	PROP. CURVE PR-CANFLD-EB2-2
PI STA. = 13+20.82	PI STA. = 19+04.47
$\Delta = 20^\circ 46' 37''$ (RT)	$\Delta = 6^\circ 33' 20''$ (RT)
D = 3° 16' 27"	D = 1° 12' 57"
R = 1,750.00'	R = 4,712.33'
T = 320.82'	T = 269.88'
L = 634.60'	L = 539.16'
E = 29.16'	E = 7.72'
e = 4.60%	e = 3.00%
T.R. = 64	T.R. = N/A
S.E. RUN = 154	S.E. RUN = 95
P.C. STA. = 10+00.00	P.C. STA. = 16+34.60
P.C.C. STA. = 16+34.60	P.T. STA. = 21+73.76

HARLEM RAMP A	
PROP. CURVE HARLEM-A.1	PROP. CURVE HARLEM-A.2
PI STA. = 3+18.77	PI STA. = 6+72.82
$\Delta = 8^\circ 02' 11''$ (LT)	$\Delta = 2^\circ 54' 00''$ (RT)
D = 1° 15' 45"	D = 3° 59' 31"
R = 4,538.00'	R = 1,435.26'
T = 318.77'	T = 36.33'
L = 636.50'	L = 72.64'
E = 11.18'	E = 0.46'
e = 3.90%	e = 2.00%
T.R. = N/A	T.R. = 43
S.E. RUN = 141	S.E. RUN = 43
P.C. STA. = 0+00.00	P.C. STA. = 6+36.50
P.C.C. STA. = 6+36.50	P.T. STA. = 7+09.14

USER NAME = *USER*	DESIGNED MM	REVISED -
	DRAWN MM	REVISED -
PLOT SCALE = *SCALE*	CHECKED KA	REVISED -
PLOT DATE = 5-03-2016	DATE 5/6/2016	REVISED -

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	557	53
CONTRACT NO. 60Y38				
ILLINOIS FED. AID PROJECT				

ALIGNMENT COORDINATES EXIST I-90				
CURVE	POINT	STATION	NORTHING	EASTING
EXI90-1	PC/POB	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
	POE	3122+30.62	1,936,597.97	1,127,495.28

ALIGNMENT COORDINATES CUMBERLAND RAMP B				
CURVE	POINT	STATION	NORTHING	EASTING
	POB	892+20.00	1,936,549.30	1,119,371.60
PR_CMBB-1	PC	893+30.18	1,936,572.04	1,119,479.41
	PI	894+41.28	1,936,594.98	1,119,588.12
	PT	895+46.36	1,936,672.86	1,119,667.35
PR_CMBB-2	PC	900+51.39	1,937,026.88	1,120,027.52
	PI	903+65.15	1,937,246.82	1,120,251.29
	PT	906+51.65	1,937,264.98	1,120,564.52
PR_CMBB-3	PC	906+51.65	1,937,264.98	1,120,564.52
	PI	908+09.59	1,937,274.13	1,120,722.20
	PT	909+67.52	1,937,278.85	1,120,880.08
PR_CMBB-4	PC	909+67.52	1,937,278.85	1,120,880.08
	PI	913+92.74	1,937,291.56	1,121,305.11
	PT/POE	918+17.55	1,937,272.25	1,121,729.89

ALIGNMENT COORDINATES CUMBERLAND RAMP BB				
CURVE	POINT	STATION	NORTHING	EASTING
	POB	800+00.00	1,937,194.26	1,119,100.95
PR_CMBBB4-1	PC	804+35.35	1,937,200.46	1,119,536.25
	PI	805+05.84	1,937,201.46	1,119,606.73
	PT	805+75.35	1,937,182.36	1,119,674.59
PR_CMBBB4-2	PC	805+75.35	1,937,182.36	1,119,674.59
	PI	806+26.05	1,937,168.62	1,119,723.39
	PT	806+75.35	1,937,136.63	1,119,762.74
PR_CMBBB4-3	PC	806+75.35	1,937,136.63	1,119,762.74
	PI	808+56.31	1,937,022.49	1,119,903.15
	PT	809+59.05	1,936,882.68	1,119,788.26
PR_CMBBB4-4	PC	809+59.05	1,936,882.68	1,119,788.26
	PI	811+00.81	1,936,773.16	1,119,698.25
	PT/POE	812+39.66	1,936,701.23	1,119,576.09

ALIGNMENT COORDINATES CANFIELD RAMP B				
CURVE	POINT	STATION	NORTHING	EASTING
PR-CANFLD-EB-1	PC/POB	10+00.00	1,936,911.49	1,123,408.45
	PI	13+20.82	1,936,973.07	1,123,723.31
	PT	16+34.60	1,936,918.96	1,124,039.53
PR-CANFLD-EB-2	PC	16+34.60	1,936,918.96	1,124,039.53
	PI	19+04.47	1,936,873.44	1,124,305.54
	PT	21+73.76	1,936,797.85	1,124,564.61
	POE	22+40.22	1,936,779.23	1,124,628.41

ALIGNMENT COORDINATES HARLEM RAMP A				
CURVE	POINT	STATION	NORTHING	EASTING
HARLEM-A_1	PC/POB	0+00.00	1,936,588.60	1,125,240.93
	PI	3+18.77	1,936,509.97	1,125,549.85
	PT	6+36.50	1,936,475.30	1,125,866.73
HARLEM-A_2	PC	6+36.50	1,936,475.30	1,125,866.73
	PI	6+72.82	1,936,471.35	1,125,902.84
	PT	7+09.14	1,936,465.57	1,125,938.71
	POE	7+55.00	1,936,458.29	1,125,983.99

ALIGNMENT COORDINATES HIGGINS AVE PART I				
CURVE	POINT	STATION	NORTHING	EASTING
	POB	995+85.00	1,936,678.11	1,124,690.65
EXHIGGINSEB1A-1	PC	998+69.43	1,936,596.26	1,124,963.06
	PI	999+28.60	1,936,579.24	1,125,019.72
	PT	999+87.67	1,936,567.87	1,125,077.78
	POE	1005+38.78	1,936,461.97	1,125,618.62

ALIGNMENT COORDINATES TEMPORARY RAMP BB (SEE NOTE 1)				
CURVE	POINT	STATION	NORTHING	EASTING
	POB	1+00.00	1,937,233.08	1,119,494.75
TEMPRAMPBB1-1	PC	1+71.00	1,937,237.69	1,119,565.60
	PI	2+44.24	1,937,242.45	1,119,638.68
	PT	3+17.29	1,937,238.21	1,119,711.80
TEMPRAMPBB1-2	PC	3+17.29	1,937,238.21	1,119,711.80
	PI	5+93.86	1,937,222.17	1,119,987.90
	PT	6+66.93	1,936,981.19	1,119,852.18
TEMPRAMPBB1-3	PC	6+66.93	1,936,981.19	1,119,852.18
	PI	7+25.76	1,936,929.93	1,119,823.31
	PT/POE	7+84.44	1,936,882.68	1,119,788.26

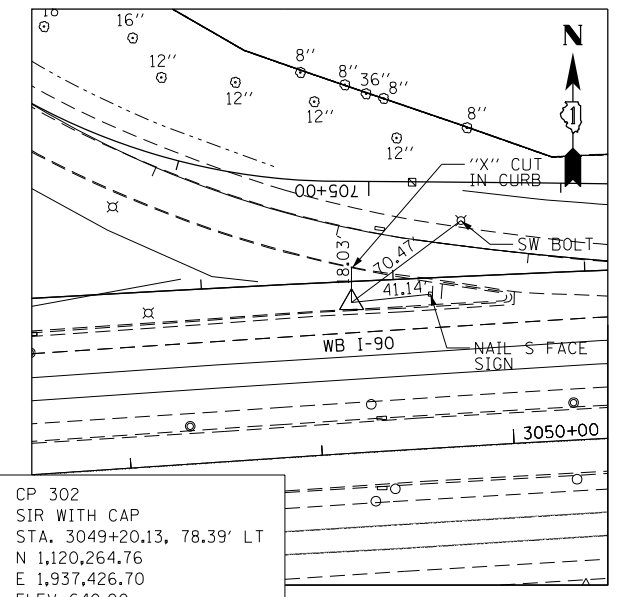
ALIGNMENT COORDINATES EXISTING RAMP BB (SEE NOTE 1)				
CURVE	POINT	STATION	NORTHING	EASTING
	POB	10+00.00	1,937,194.26	1,119,100.95
EX-CUMB-BB-1	PC	13+11.24	1,937,215.46	1,119,411.47
	PI	14+17.46	1,937,222.69	1,119,517.43
	PT	15+21.28	1,937,191.47	1,119,618.95
EX-CUMB-BB-2	PC	15+21.28	1,937,191.47	1,119,618.95
	PI	18+74.55	1,937,087.62	1,119,956.60
	PT	19+78.37	1,936,820.85	1,119,725.02
EX-CUMB-BB-3	PC	19+78.37	1,936,820.85	1,119,725.02
	PI	21+57.50	1,936,685.59	1,119,607.59
	PT	23+23.09	1,936,652.60	1,119,431.53
EX-CUMB-BB-4	PC	23+23.09	1,936,652.60	1,119,431.53
	PI	23+75.25	1,936,643.00	1,119,380.26
	PT/POE	24+05.91	1,936,693.95	1,119,369.11

ALIGNMENT COORDINATES EXISTING CUMB RAMP A				
CURVE	POINT	STATION	NORTHING	EASTING
	POB	10+00.00	1,937,096.21	1,117,710.79
EX-CUMB-A-1	PC	15+12.41	1,937,109.04	1,118,223.04
	PI	16+79.03	1,937,113.21	1,118,389.62
	PT	18+32.03	1,937,009.37	1,118,519.93
EX-CUMB-A-2	PC	25+64.65	1,936,552.81	1,119,092.89
	PI	27+62.79	1,936,429.33	1,119,247.85
	PT	29+39.59	1,936,232.16	1,119,267.34

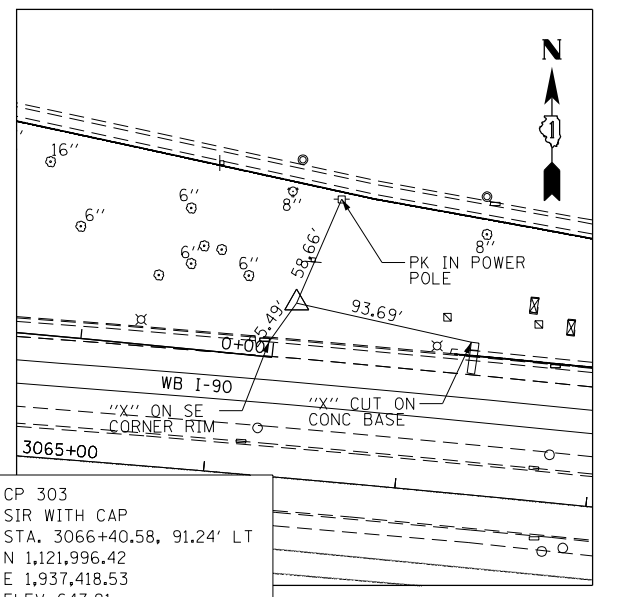
ALIGNMENT COORDINATES HIGGINS AVE PART II				
CURVE	POINT	STATION	NORTHING	EASTING
	POB	2000+00.00	1,936,468.42	1,125,619.78
EX_HIGGENSEB2-1	PC	2001+15.92	1,936,447.87	1,125,733.86
	PI	2002+53.82	1,936,423.42	1,125,869.58
	PT/POE	2003+89.04	1,936,445.82	1,126,005.65

NOTES:

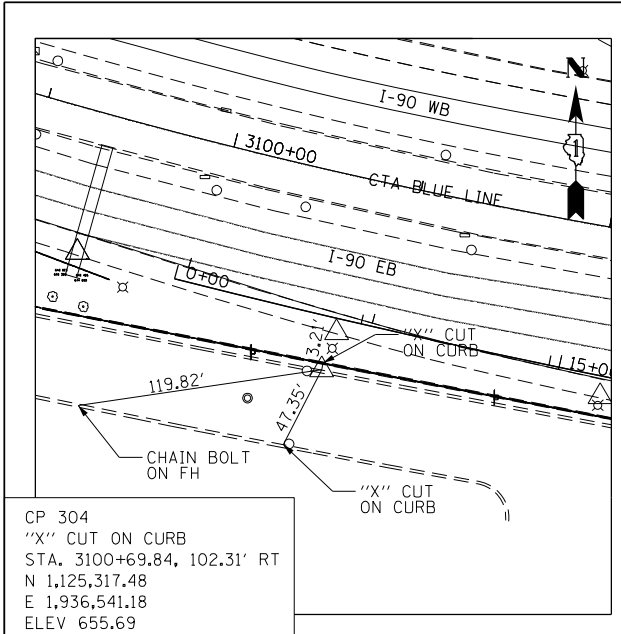
- ALIGNMENT USED FOR STAGING PURPOSES ONLY. SEE MOT-ALG-1 SHEET FOR CURVE DATA.



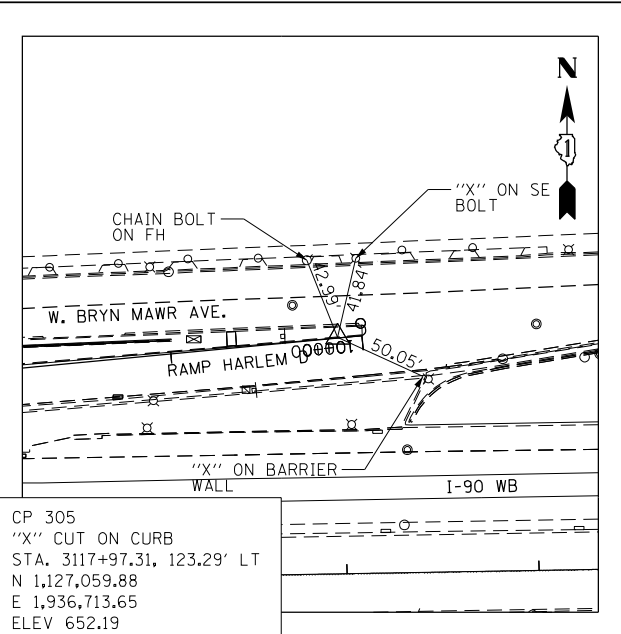
CP 302
SIR WITH CAP
STA. 3049+20.13, 78.39' LT
N 1,120,264.76
E 1,937,426.70
ELEV 640.00



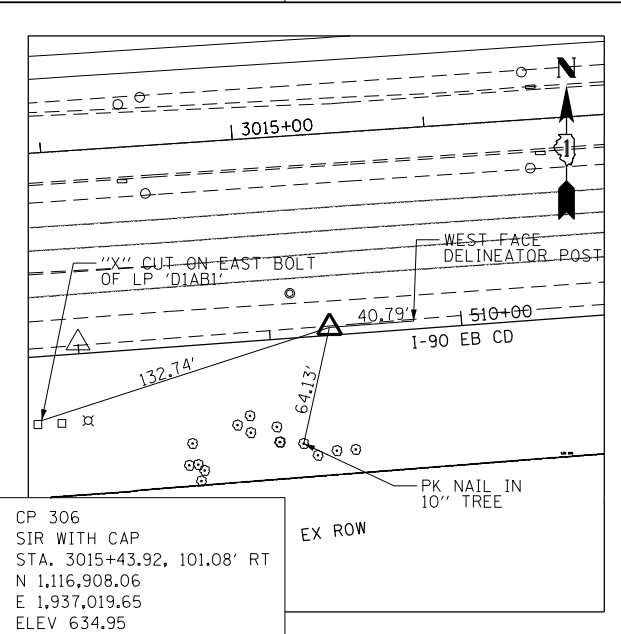
CP 303
SIR WITH CAP
STA. 3066+40.58, 91.24' LT
N 1,121,996.42
E 1,937,418.53
ELEV 647.91



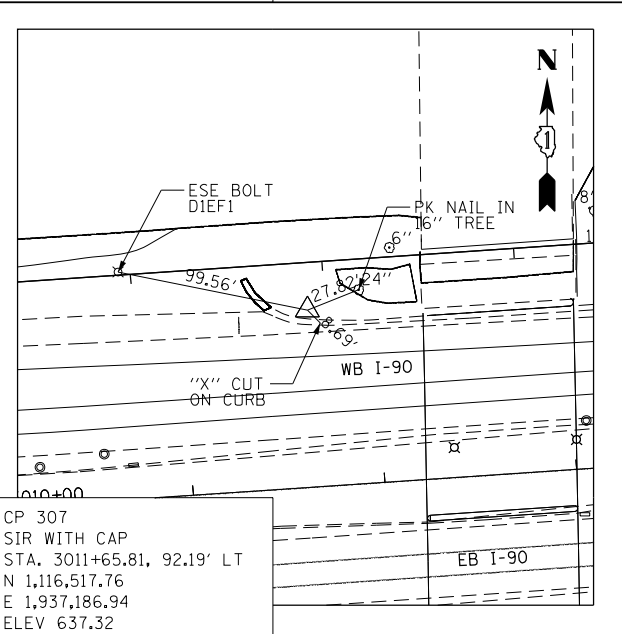
CP 304
"X" CUT ON CURB
STA. 3100+69.84, 102.31' RT
N 1,125,317.48
E 1,936,541.18
ELEV 655.69



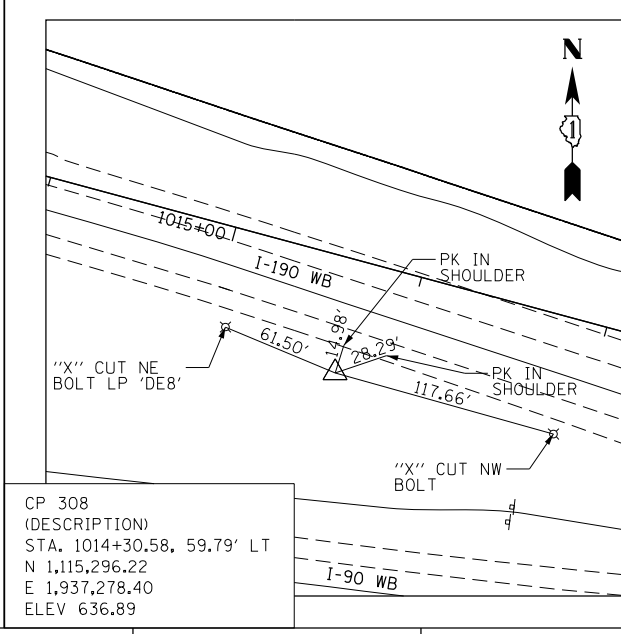
CP 305
"X" CUT ON CURB
STA. 3117+97.31, 123.29' LT
N 1,127,059.88
E 1,936,713.65
ELEV 652.19



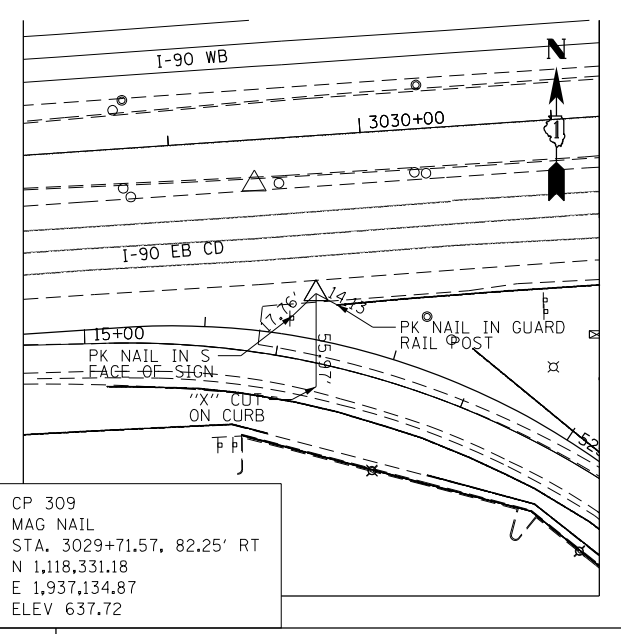
CP 306
SIR WITH CAP
STA. 3015+43.92, 101.08' RT
N 1,116,908.06
E 1,937,019.65
ELEV 634.95



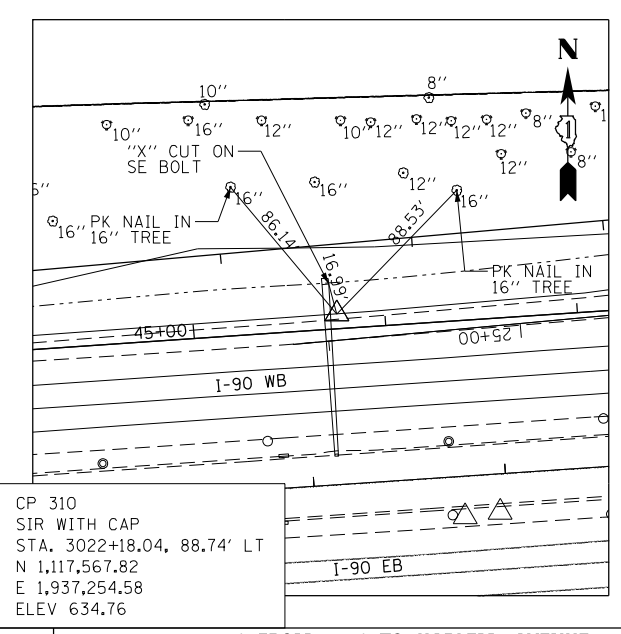
CP 307
SIR WITH CAP
STA. 3011+65.81, 92.19' LT
N 1,116,517.76
E 1,937,186.94
ELEV 637.32



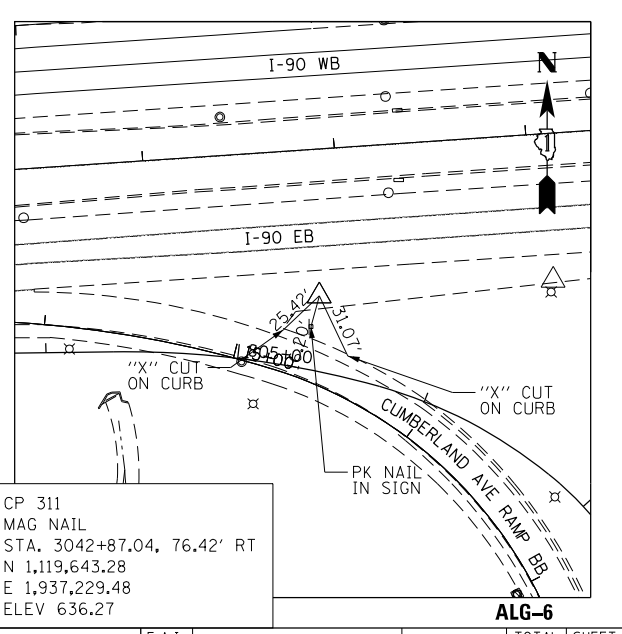
CP 308
(DESCRIPTION)
STA. 1014+30.58, 59.79' LT
N 1,115,296.22
E 1,937,278.40
ELEV 636.89



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



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



CP 311
MAG NAIL
STA. 3042+87.04, 76.42' RT
N 1,119,643.28
E 1,937,229.48
ELEV 636.27

USER NAME = *USER*	DESIGNED APR	REVISED -
PLOT SCALE = *SCALE*	DRAWN APR	REVISED -
DATE = 5-03-2016	CHECKED MAM	REVISED -
	DATE 5/6/2016	REVISED -

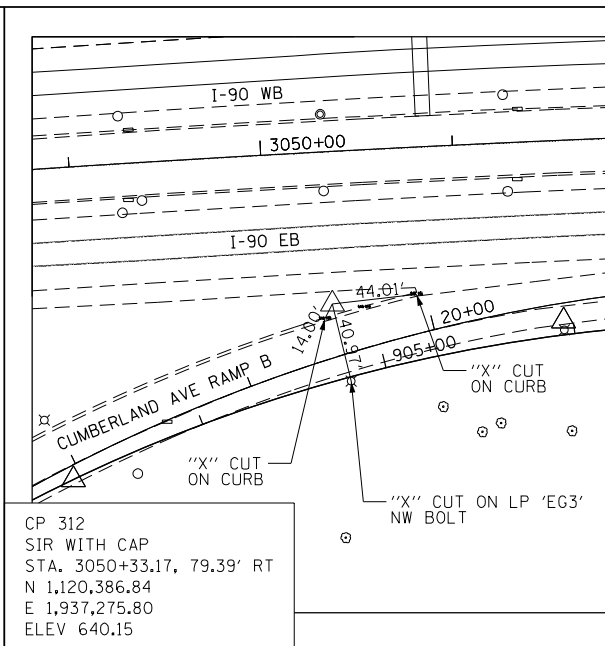
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 FROM I-90 TO HARLEM AVENUE
ALIGNMENT & TIES

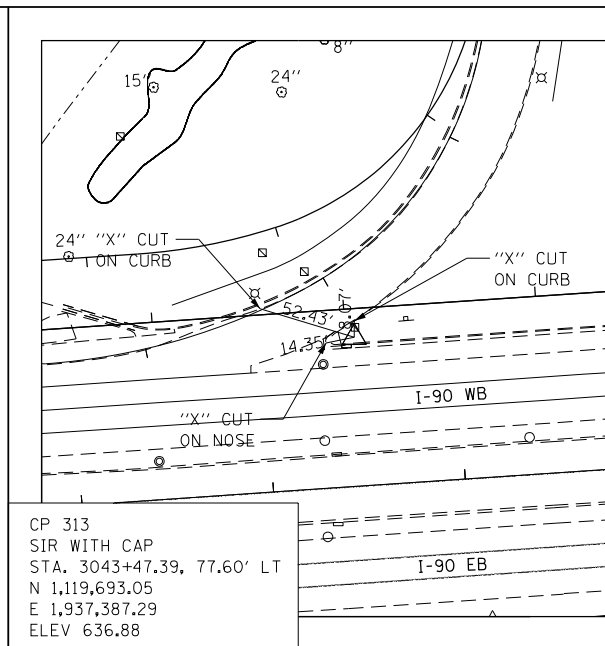
SCALE: NTS SHEET NO. 6 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	557	55
CONTRACT NO. 60Y38				
ILLINOIS FED. AID PROJECT				

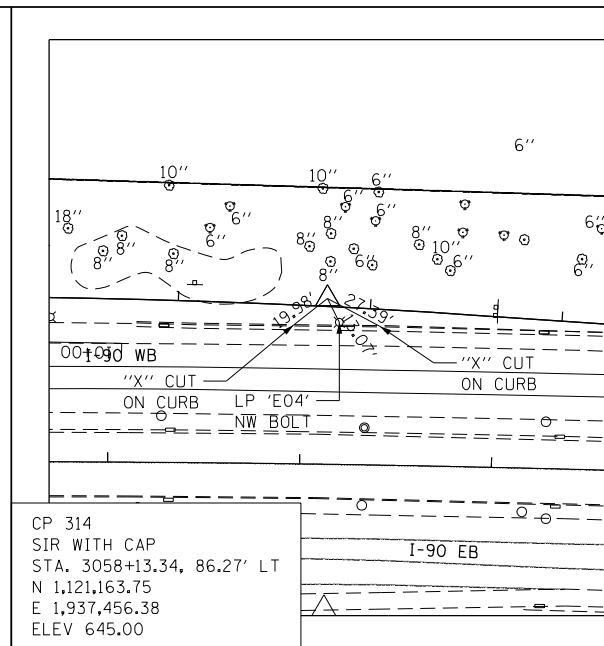
ALG-6



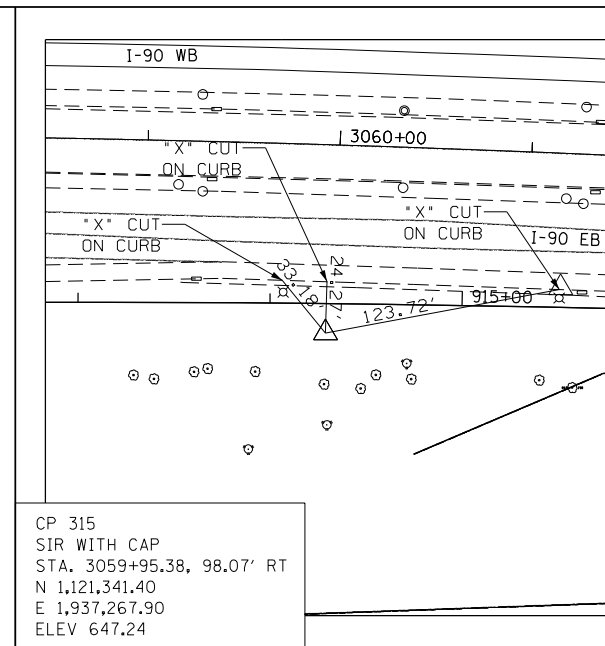
CP 312
SIR WITH CAP
STA. 3050+33.17, 79.39' RT
N 1,120,386.84
E 1,937,275.80
ELEV 640.15



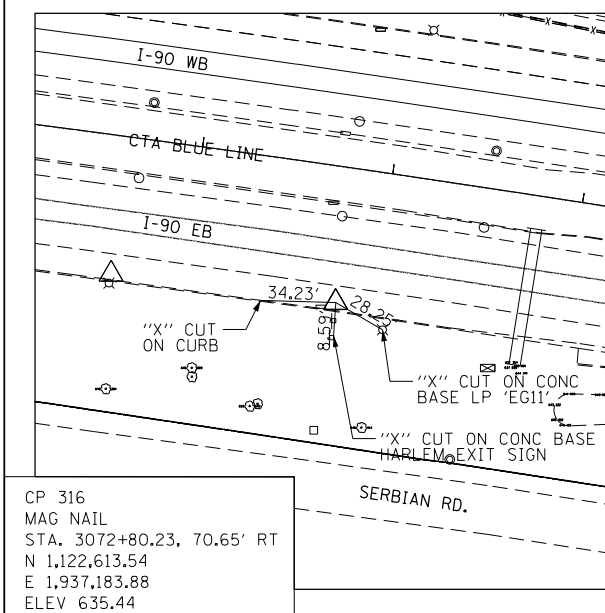
CP 313
SIR WITH CAP
STA. 3043+47.39, 77.60' LT
N 1,119,693.05
E 1,937,387.29
ELEV 636.88



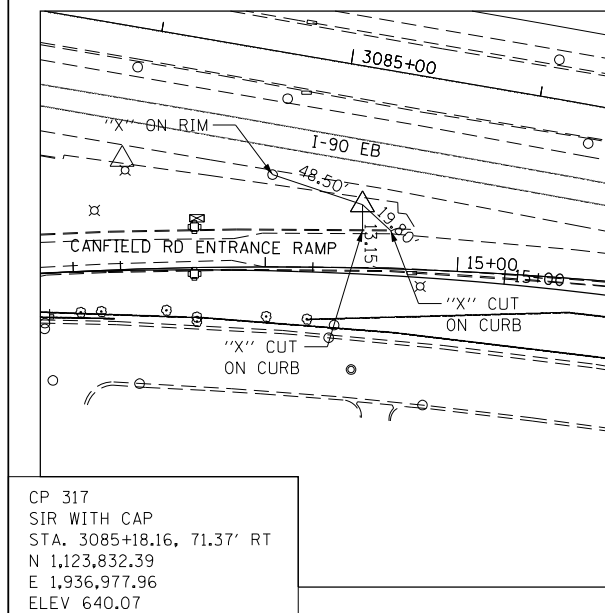
CP 314
SIR WITH CAP
STA. 3058+13.34, 86.27' LT
N 1,121,163.75
E 1,937,456.38
ELEV 645.00



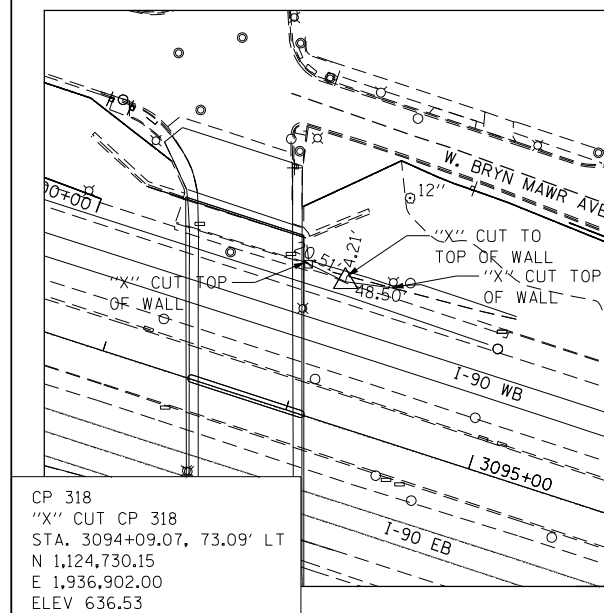
CP 315
SIR WITH CAP
STA. 3059+95.38, 98.07' RT
N 1,121,341.40
E 1,937,267.90
ELEV 647.24



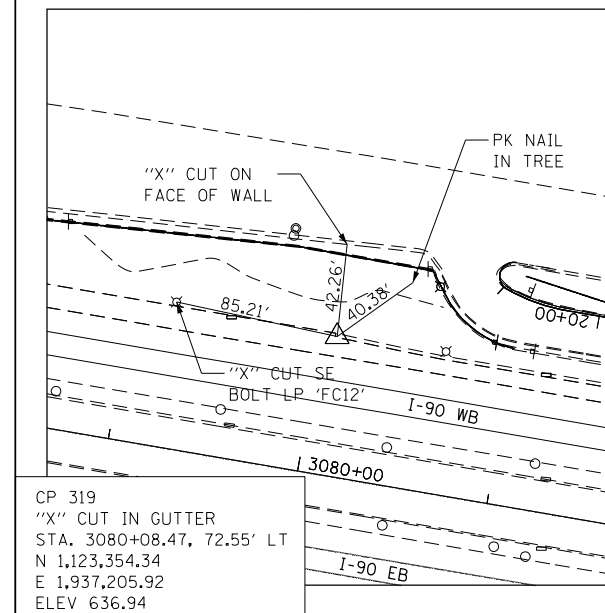
CP 316
MAG NAIL
STA. 3072+80.23, 70.65' RT
N 1,122,613.54
E 1,937,183.88
ELEV 635.44



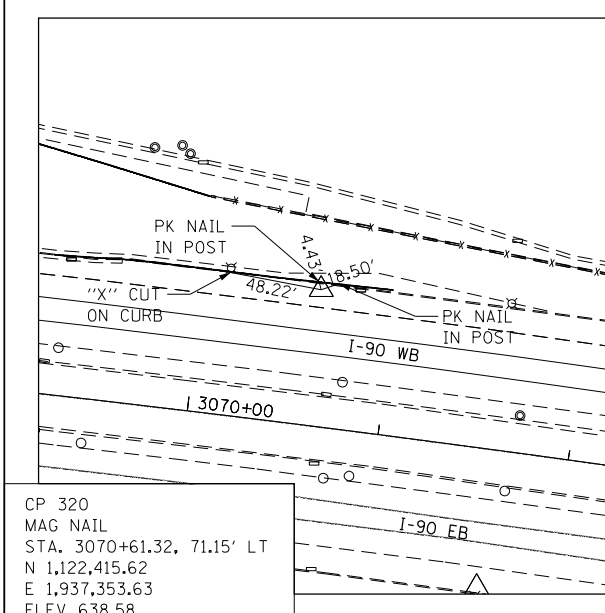
CP 317
SIR WITH CAP
STA. 3085+18.16, 71.37' RT
N 1,123,832.39
E 1,936,977.96
ELEV 640.07



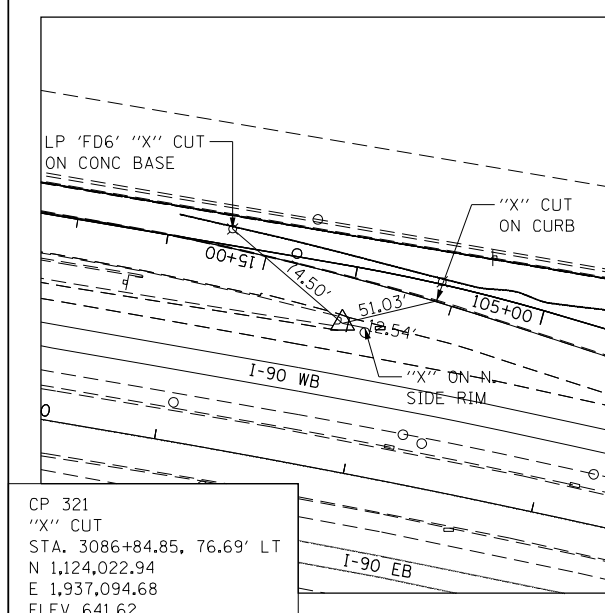
CP 318
"X" CUT CP 318
STA. 3094+09.07, 73.09' LT
N 1,124,730.15
E 1,936,902.00
ELEV 636.53



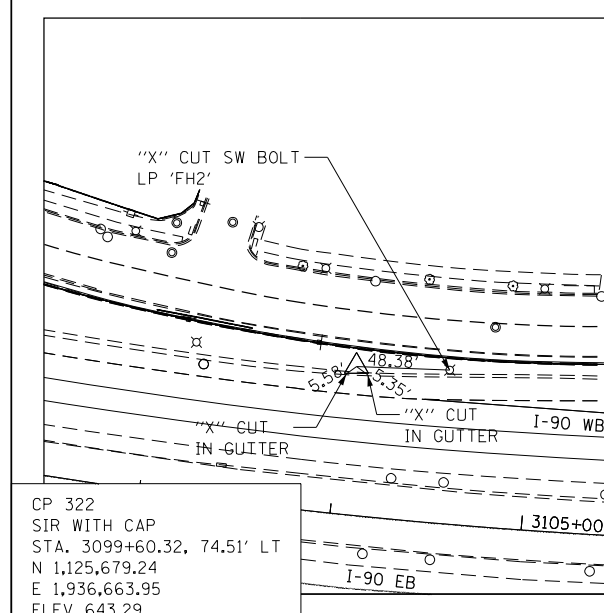
CP 319
"X" CUT IN GUTTER
STA. 3080+08.47, 72.55' LT
N 1,123,354.34
E 1,937,205.92
ELEV 636.94



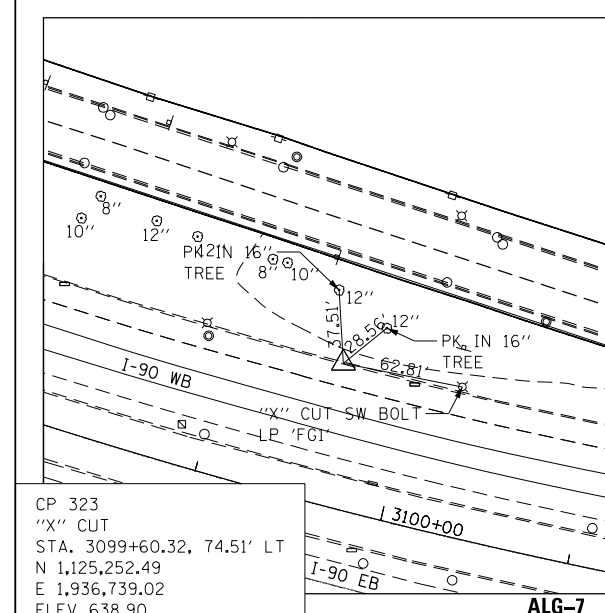
CP 320
MAG NAIL
STA. 3070+61.32, 71.15' LT
N 1,122,415.62
E 1,937,353.63
ELEV 638.58



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



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



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

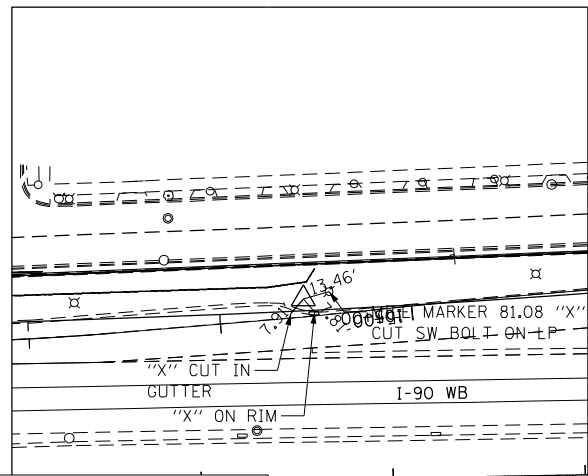
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PLOT SCALE = #SCALE#	DRAWN APR	REVISED -
PLOT DATE = 5-03-2016	CHECKED MAM	REVISED -
	DATE 5/6/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

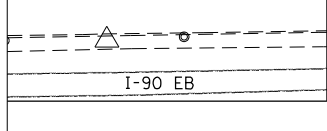
I-90 FROM I-90 TO HARLEM AVENUE
ALIGNMENT & TIES
SCALE: NTS SHEET NO. 7 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	557	56
CONTRACT NO. 60Y38				
ILLINOIS FED. AID PROJECT				

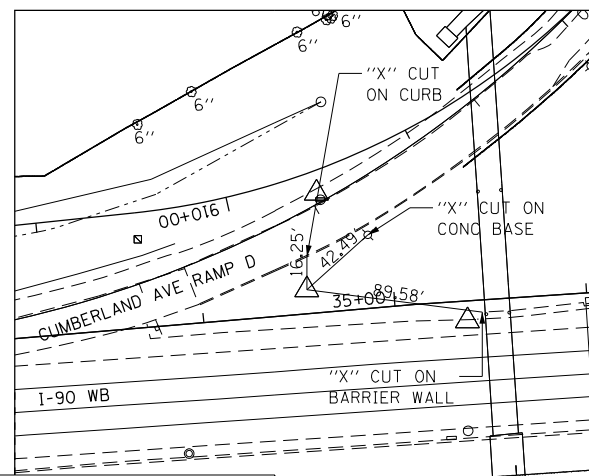
ALG-7



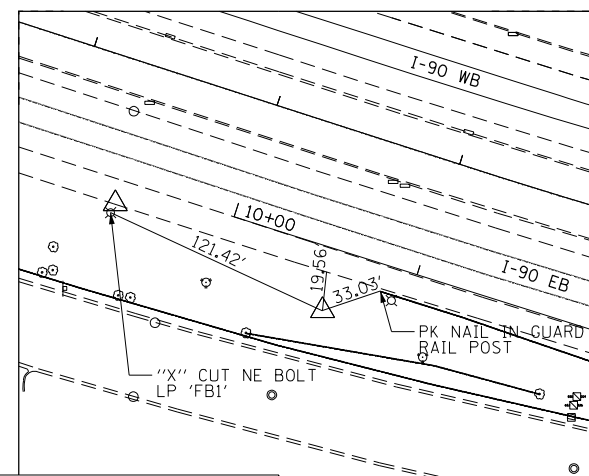
CP 324
SIR
STA. 3112+54.81, 94.16' LT
N 1,126,517.97
E 1,936,675.02
ELEV 638.13



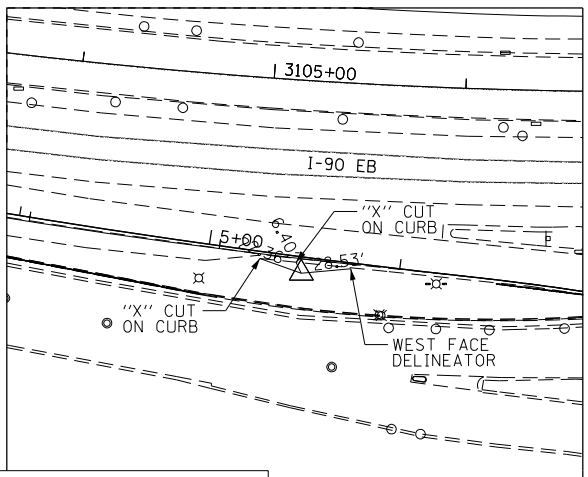
CP 325
SIR WITH CAP
STA. 3035+57.90, 98.69' LT
N 1,118,903.95
E 1,937,355.01
ELEV 635.99



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



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



CP 328
SIR WITH CAP
STA. 3105+20.42, 100.43' RT
N 1,125,779.07
E 1,936,477.16
ELEV 648.21

- 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

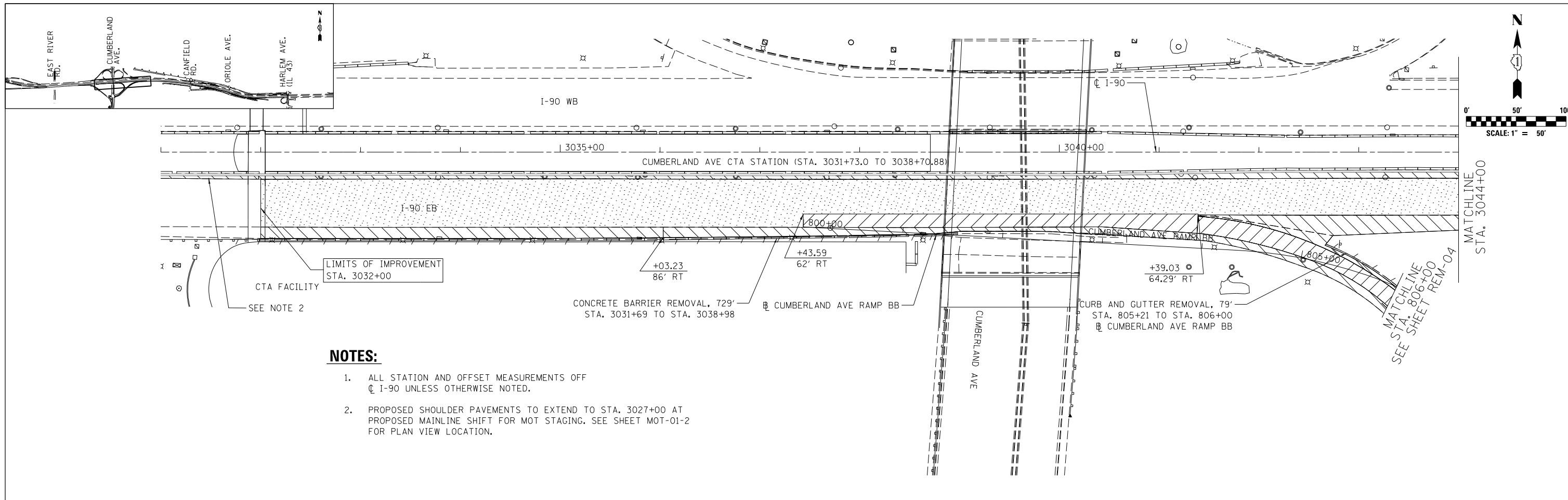
BENCHMARK DATA

- 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

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

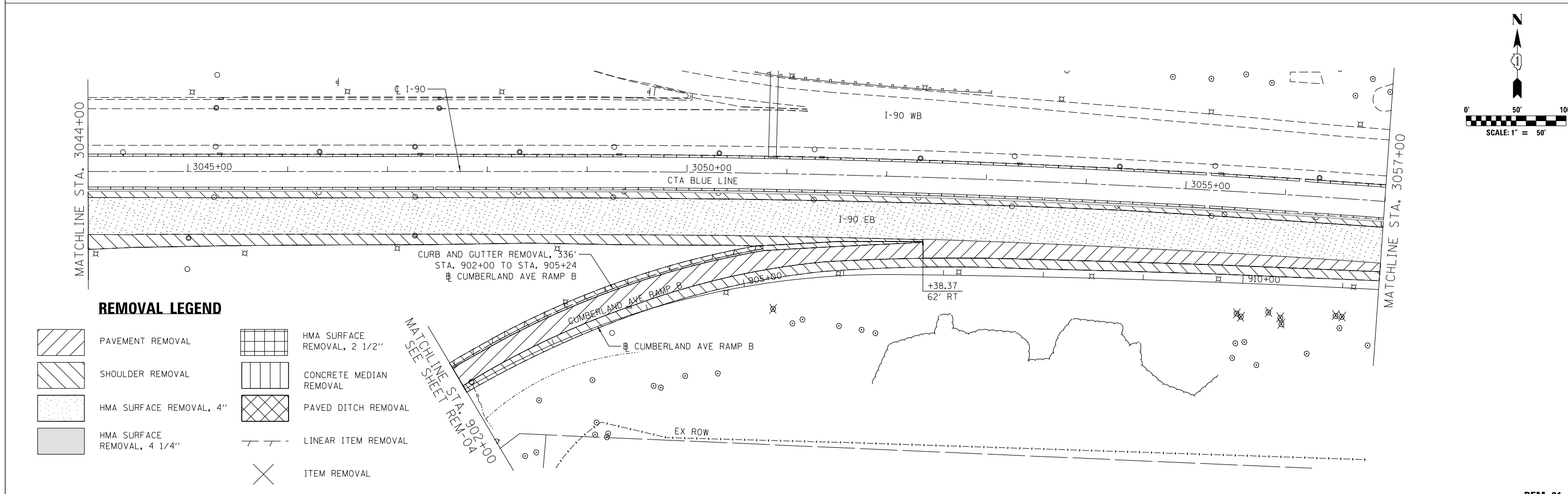
ALG-8

exp U.S. Services Inc. Chicago, IL BUILDINGS EARTH & ENVIRONMENT ENERGY INDUSTRIAL INFRASTRUCTURE SUSTAINABILITY	USER NAME = #USER#	DESIGNED APR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90 FROM I-90 TO HARLEM AVENUE ALIGNMENT & TIES		F.A.I. RTE. 90	SECTION (1517 & 1415) R-3	COUNTY COOK	TOTAL SHEETS 557	SHEET NO. 57
	PLOT SCALE = #SCALE#	CHECKED MAM	REVISED -		SCALE: NTS	SHEET NO. 8 OF 8 SHEETS	STA. TO STA.	CONTRACT NO. 60Y38		ILLINOIS FED. AID PROJECT	
PLOT DATE = 5-03-2016	DATE 5/6/2016	REVISED -									



NOTES:

1. ALL STATION AND OFFSET MEASUREMENTS OFF ϕ I-90 UNLESS OTHERWISE NOTED.
2. PROPOSED SHOULDER PAVEMENTS TO EXTEND TO STA. 3027+00 AT PROPOSED MAINLINE SHIFT FOR MOT STAGING. SEE SHEET MOT-01-2 FOR PLAN VIEW LOCATION.



REMOVAL LEGEND

	PAVEMENT REMOVAL		HMA SURFACE REMOVAL, 2 1/2"
	SHOULDER REMOVAL		CONCRETE MEDIAN REMOVAL
	HMA SURFACE REMOVAL, 4"		PAVED DITCH REMOVAL
	HMA SURFACE REMOVAL, 4 1/4"		LINEAR ITEM REMOVAL
			ITEM REMOVAL



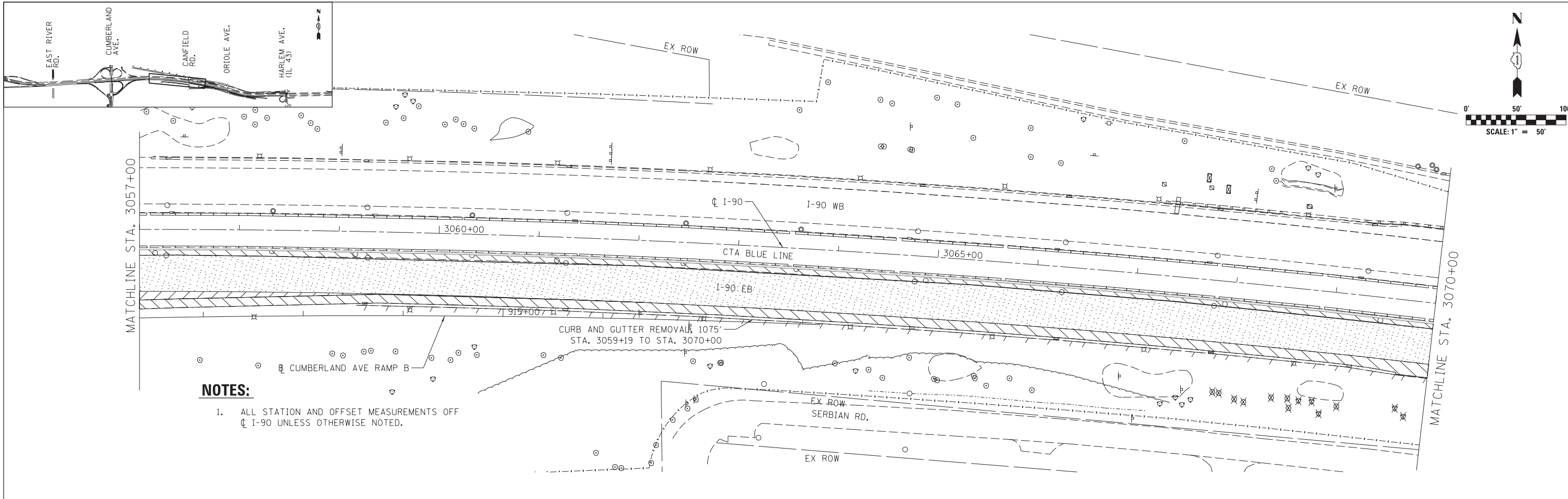
USER NAME = areoss	DESIGNED AR	REVISED -
	DRAWN AR	REVISED -
PLOT SCALE = 1.00' / in.	CHECKED MAM	REVISED -
PLOT DATE = 4/29/2016	DATE 4/8/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 EASTBOUND FROM CUMBERLAND AVE TO HARLEM AVE
REMOVAL PLAN**

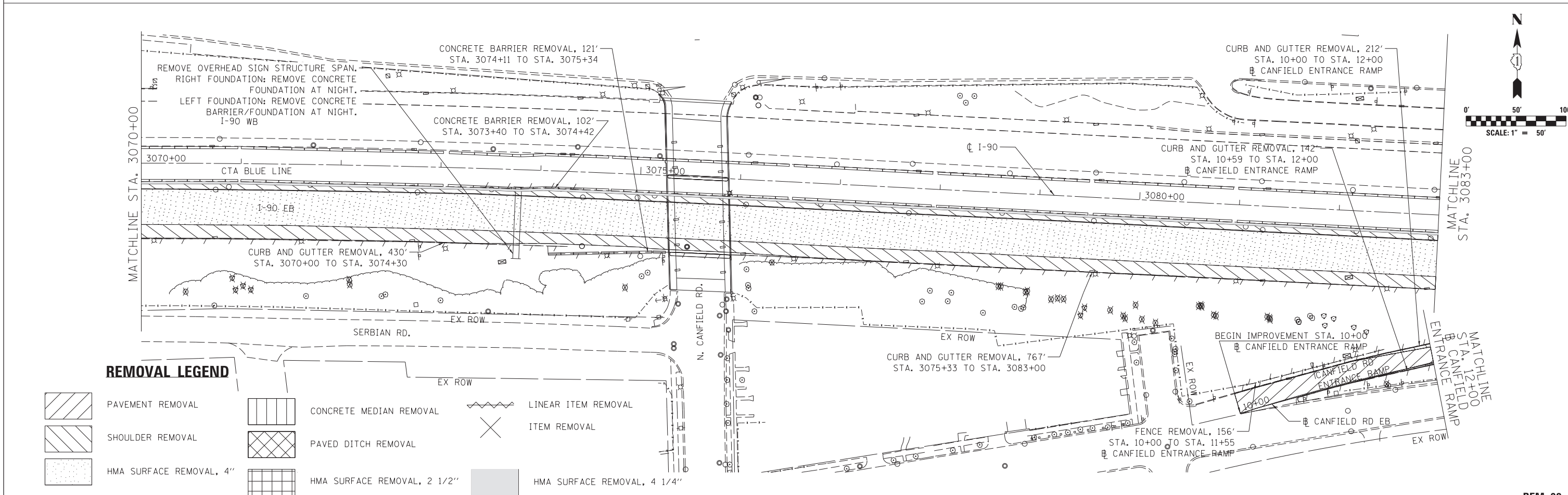
SCALE: 1" = 50' SHEET NO. 1 OF 4 SHEETS STA. 3032+00 TO STA. 3057+00

F.A.I. RTE.		SECTION	COUNTY	TOTAL SHEETS		SHEET NO.	
90		(1517 & 1415) R-3	COOK	557	58		
				CONTRACT NO. 60Y38			
ILLINOIS FED. AID PROJECT							

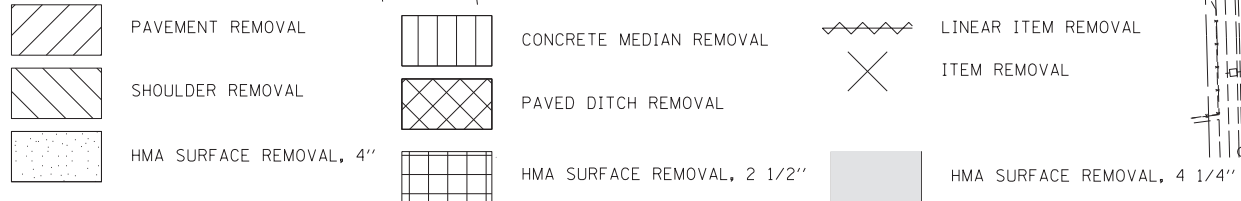


NOTES:

- 1. ALL STATION AND OFFSET MEASUREMENTS OFF ϕ I-90 UNLESS OTHERWISE NOTED.



REMOVAL LEGEND



USER NAME = areoss	DESIGNED AR	REVISED -
	DRAWN AR	REVISED -
PLOT SCALE = 1.00" / in.	CHECKED MAM	REVISED -
PLOT DATE = 4/29/2016	DATE 4/8/2016	REVISED -

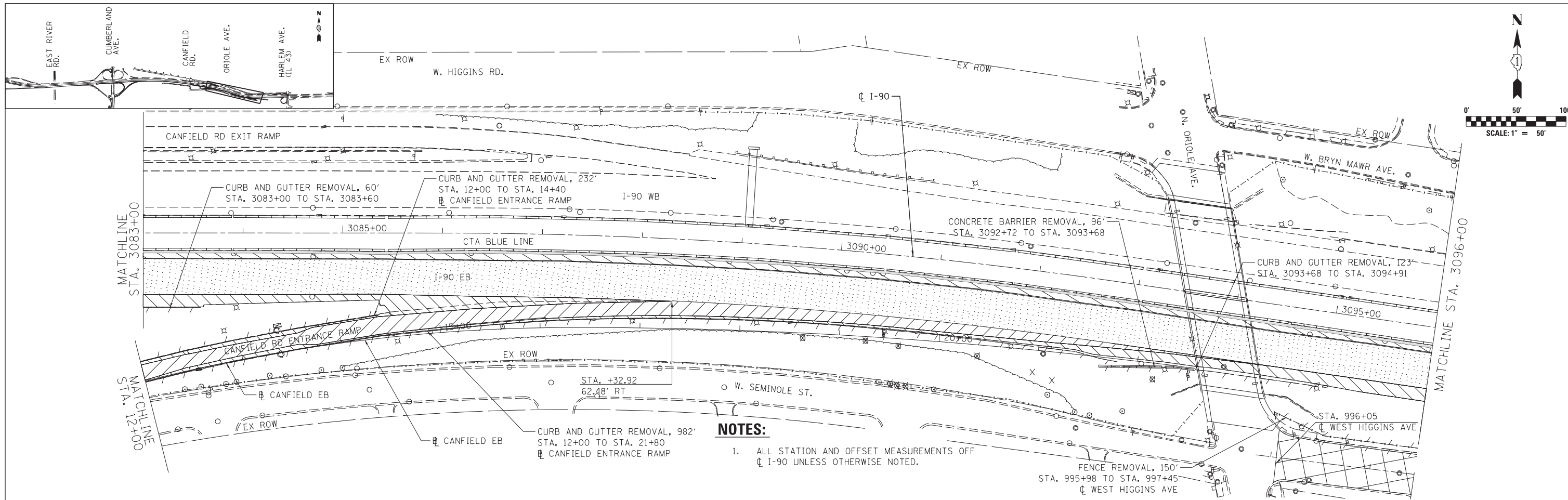
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 EASTBOUND FROM CUMBERLAND AVE TO HARLEM AVE
REMOVAL PLAN**

SCALE: 1" = 50' SHEET NO. 2 OF 4 SHEETS STA. 3057+00 TO STA. 3083+00

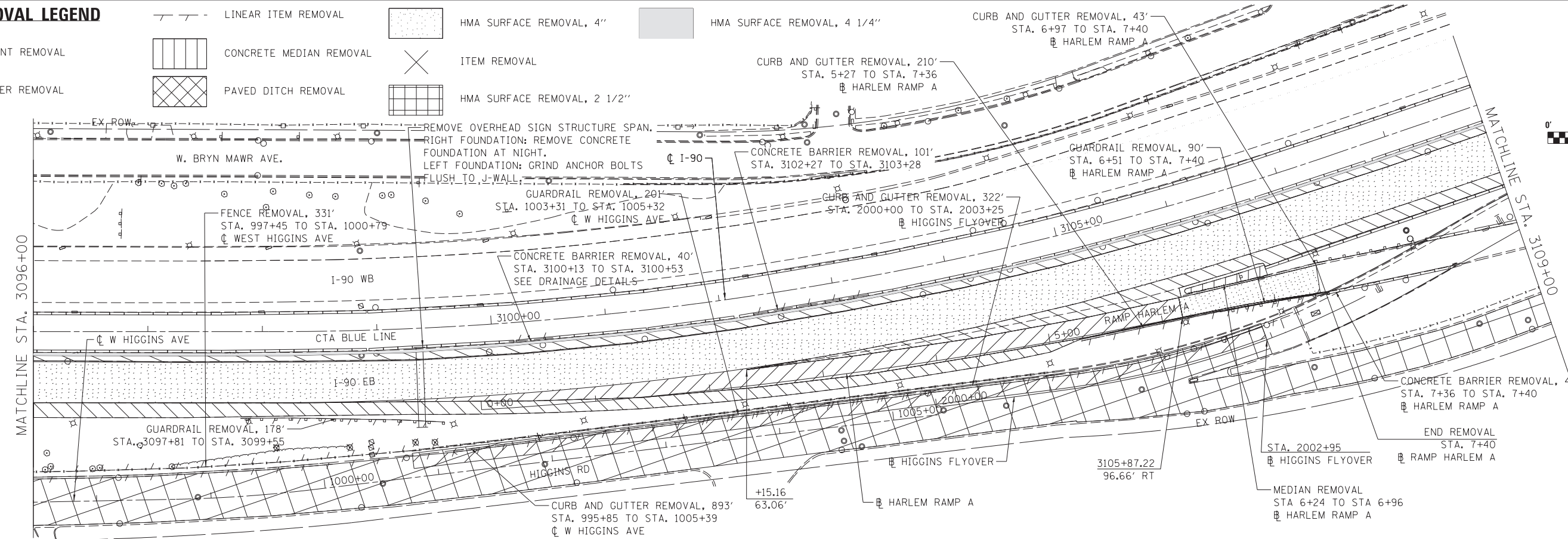
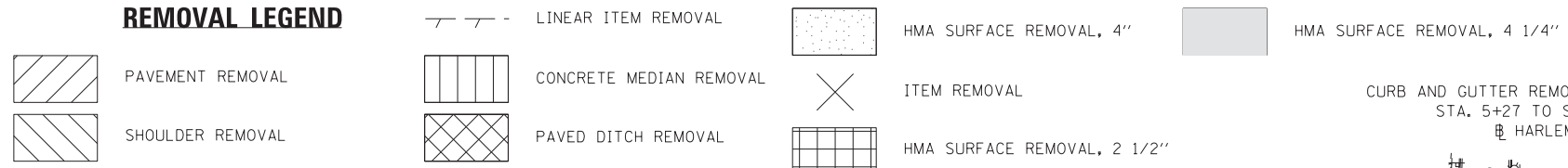
F.A.I. RTE. 90	SECTION (1517 & 1415) R-3	COUNTY COOK	TOTAL SHEETS 557	SHEET NO. 59
				CONTRACT NO. 60Y38
ILLINOIS FED. AID PROJECT				

REM-02



NOTES:
 1. ALL STATION AND OFFSET MEASUREMENTS OFF
 CL I-90 UNLESS OTHERWISE NOTED.

REMOVAL LEGEND



USER NAME = areoss	DESIGNED AR	REVISED -
	DRAWN AR	REVISED -
PLOT SCALE = 1.00" / 1"	CHECKED MAM	REVISED -
PLOT DATE = 4/29/2016	DATE 4/8/2016	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

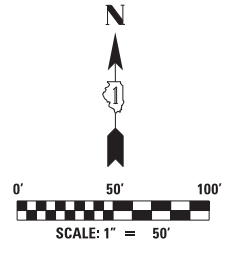
**I-90 EASTBOUND FROM CUMBERLAND AVE TO HARLEM AVE
 REMOVAL PLAN**

SCALE: 1" = 50' SHEET NO. 3 OF 4 SHEETS STA. 3083+00 TO STA. 3109+00

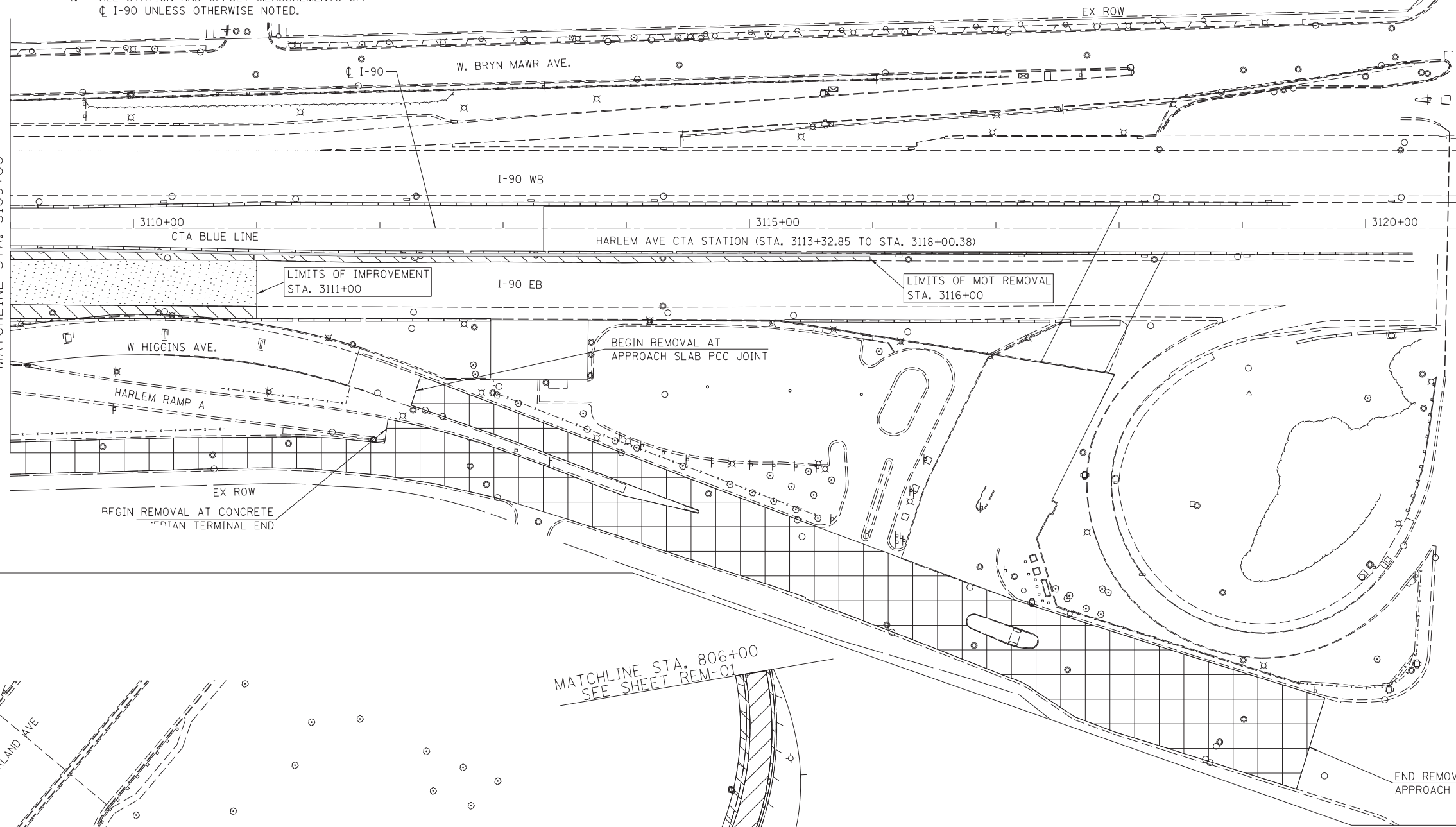
REM-03			
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS
90	(1517 & 1415) R-3	COOK	557 60
			CONTRACT NO. 60Y38
ILLINOIS FED. AID PROJECT			

NOTES:

1. ALL STATION AND OFFSET MEASUREMENTS OFF ϕ I-90 UNLESS OTHERWISE NOTED.



MATCHLINE STA. 3109+00



REMOVAL LEGEND

- PAVEMENT REMOVAL
- SHOULDER REMOVAL
- HMA SURFACE REMOVAL, 4"
- CONCRETE MEDIAN REMOVAL
- PAVED DITCH REMOVAL
- HMA SURFACE REMOVAL, 2 1/2"
- HMA SURFACE REMOVAL, 4 1/4"
- LINEAR ITEM REMOVAL
- ITEM REMOVAL

MATCHLINE STA. 806+00
SEE SHEET REM-01

END REMOVAL
STA. 893+13
CUMBERLAND AVE RAMP BB
SEE NOTE 1

CURB AND GUTTER REMOVAL, 505'
STA. 806+00 TO STA. 811+86
CUMBERLAND AVE RAMP BB

END IMPROVEMENTS
STA. 811+86
CUMBERLAND AVE BB
SEE NOTE 1

CUMBERLAND AVE RAMP BB

CURB AND GUTTER REMOVAL, 556'
STA. 806+00 TO STA. 811+86
CUMBERLAND AVE RAMP BB

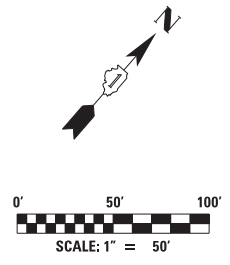
CURB AND GUTTER REMOVAL, 870'
STA. 893+13 TO STA. 902+00
CUMBERLAND AVE RAMP B

CURB AND GUTTER REMOVAL, 890'
STA. 893+13 TO 902+00
CUMBERLAND AVE RAMP B

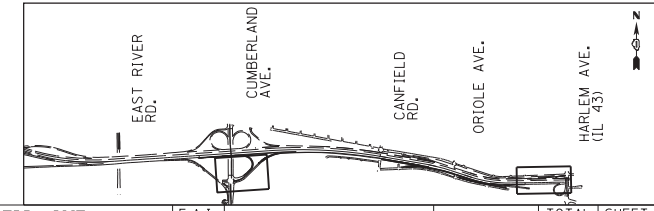
CONCRETE MEDIAN REMOVAL,
STA. 892+42 TO 896+81
CUMBERLAND AVE RAMP B

NOTES:

1. PROJECT LIMITS BASED ON COORDINATION WITH CUMBERLAND BRIDGE CONTRACT 60J14 DESIGN PLAN LIMIT. CONTRACTOR TO ADJUST WORK LIMITS TO MEET CONSTRUCTION JOINT IN FIELD.



MATCHLINE STA. 902+00
SEE SHEET REM-01



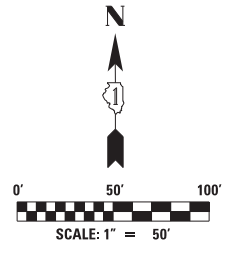
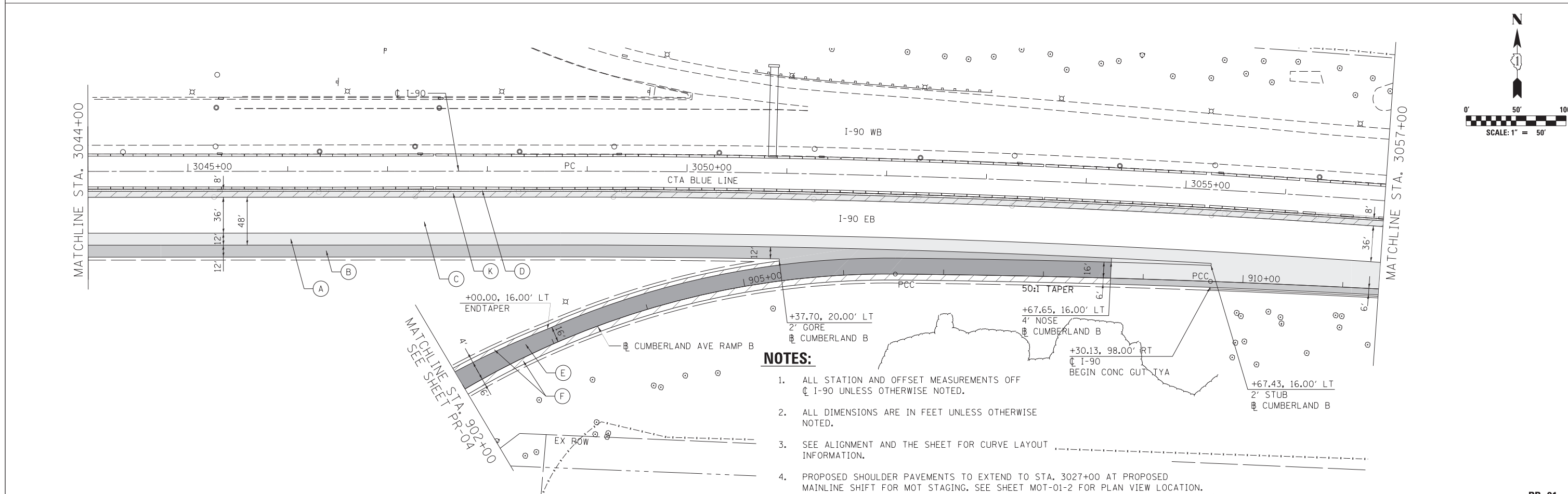
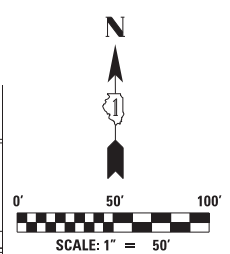
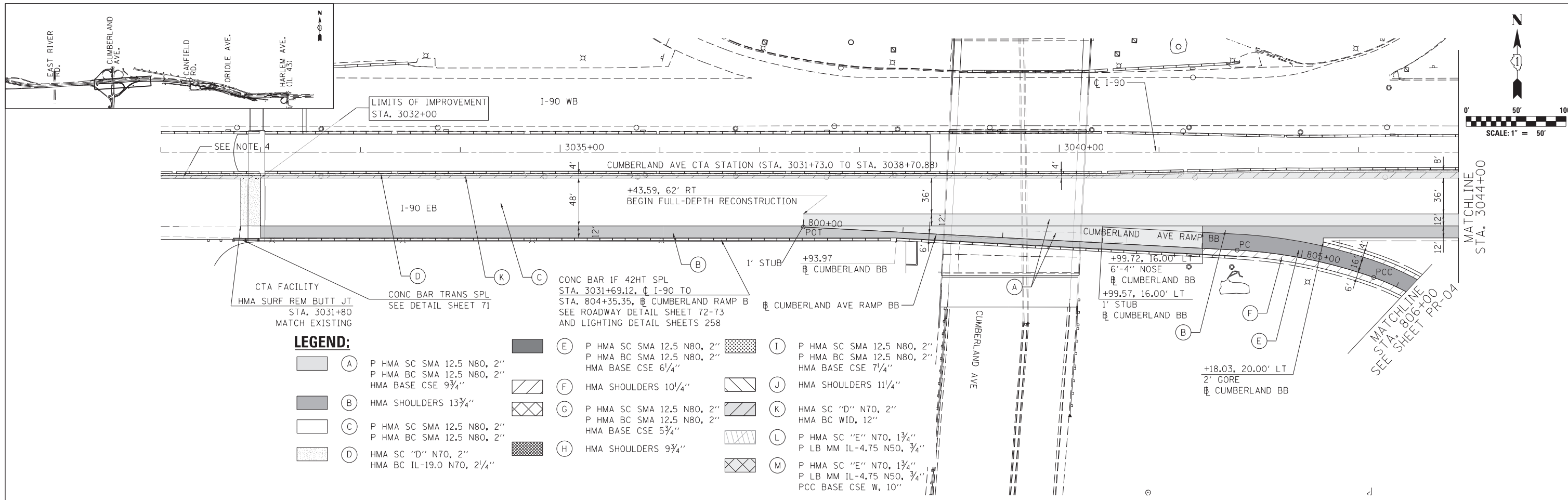
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	DRAWN AR	REVISED -
PLOT SCALE = 1.00' / in.	CHECKED MAM	REVISED -
PLOT DATE = 4/29/2016	DATE 4/8/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REM-04
I-90 EASTBOUND FROM CUMBERLAND AVE TO HARLEM AVE
REMOVAL PLAN**

SCALE: 1" = 50' SHEET NO. 4 OF 4 SHEETS STA. 3109+00 TO STA. 3111+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	557	61
CONTRACT NO. 60Y38				
ILLINOIS FED. AID PROJECT				



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 THE SHEET FOR CURVE LAYOUT INFORMATION.
4. PROPOSED SHOULDER PAVEMENTS TO EXTEND TO STA. 3027+00 AT PROPOSED MAINLINE SHIFT FOR MOT STAGING. SEE SHEET MOT-01-2 FOR PLAN VIEW LOCATION.



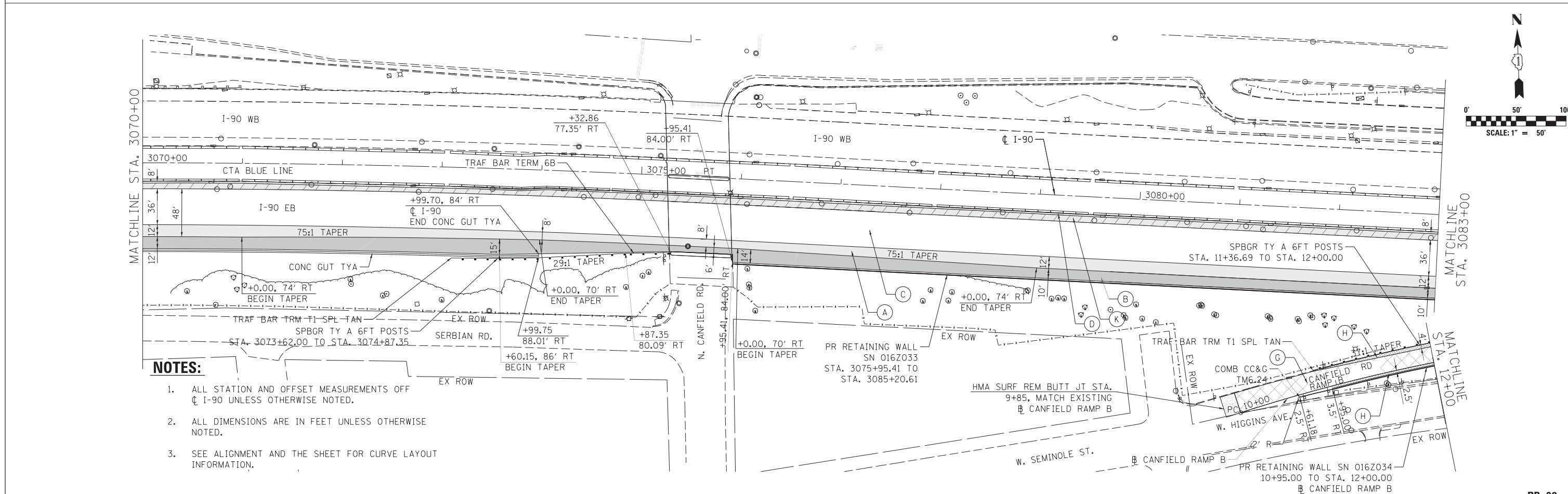
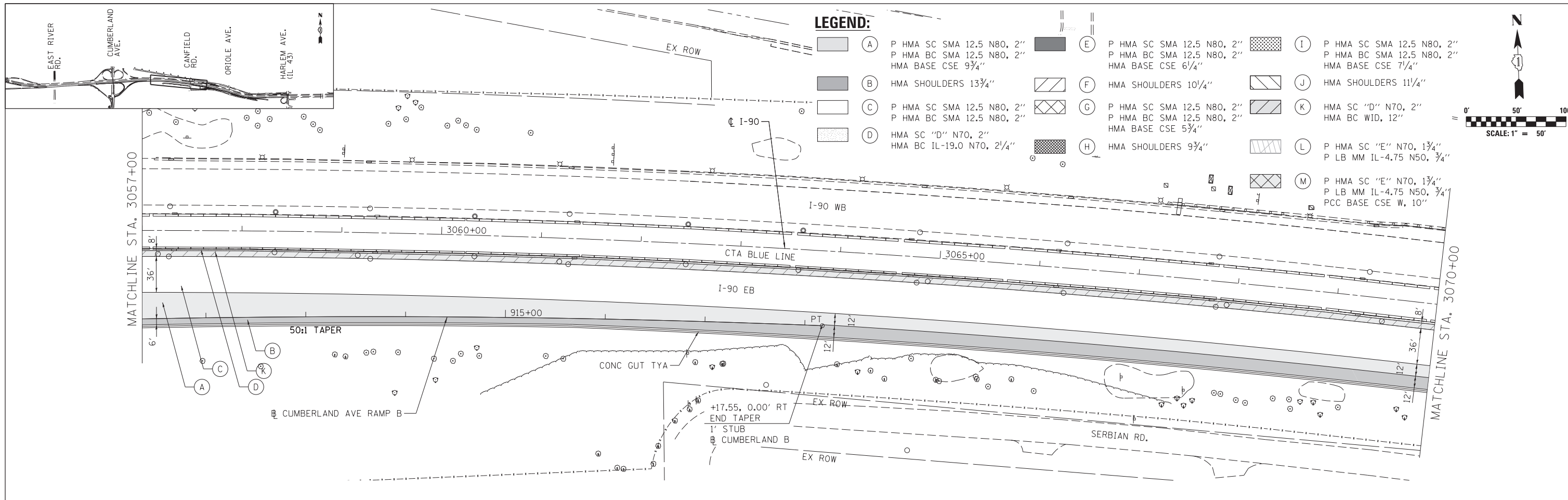
USER NAME = areoss	DESIGNED MM	REVISED - -
	DRAWN MM	REVISED -
PLOT SCALE = 1:8000' / in.	CHECKED KA	REVISED -
PLOT DATE = 4/29/2016	DATE 4/8/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 EASTBOUND FROM CUMBERLAND AVE TO HARLEM AVE
PROPOSED PLAN**

SCALE: 1" = 50' SHEET NO. 1 OF 4 SHEETS STA. 3032+00 TO STA. 3057+00

PR-01		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		90	(1517 & 1415) R-3	COOK	557	62	
						CONTRACT NO. 60Y38	
		ILLINOIS FED. AID PROJECT					



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

LEGEND:

(A) P HMA SC SMA 12.5 N80, 2" P HMA BC SMA 12.5 N80, 2" HMA BASE CSE 9 3/4"	(E) P HMA SC SMA 12.5 N80, 2" P HMA BC SMA 12.5 N80, 2" HMA BASE CSE 6 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"
(B) HMA SHOULDERS 13 3/4"	(F) HMA SHOULDERS 10 1/4"	(J) HMA SHOULDERS 11 1/4"
(C) P HMA SC SMA 12.5 N80, 2" P HMA BC SMA 12.5 N80, 2"	(G) P HMA SC SMA 12.5 N80, 2" P HMA BC SMA 12.5 N80, 2" HMA BASE CSE 5 3/4"	(K) HMA SC "D" N70, 2" HMA BC WID, 12"
(D) HMA SC "D" N70, 2" HMA BC IL-19.0 N70, 2 1/4"	(H) HMA SHOULDERS 9 3/4"	(L) P HMA SC "E" N70, 1 3/4" P LB MM IL-4.75 N50, 3/4"
		(M) P HMA SC "E" N70, 1 3/4" P LB MM IL-4.75 N50, 3/4" PCC BASE CSE W, 10"



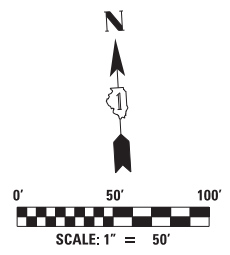
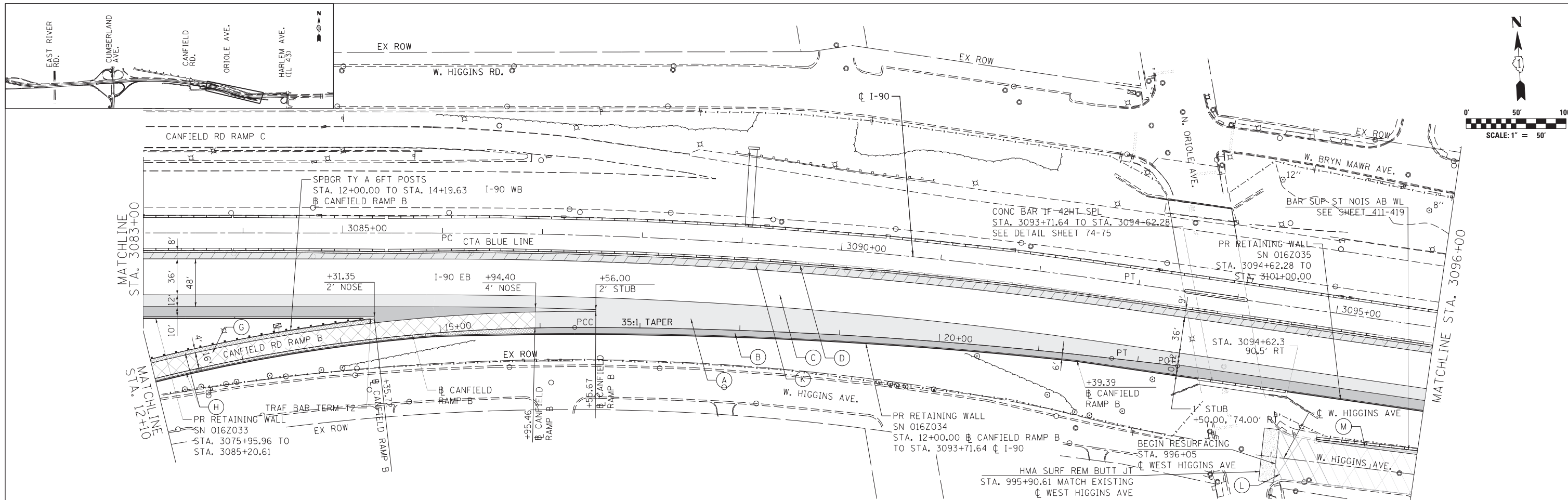
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	DRAWN MM	REVISED -
PLOT SCALE = 1.0000' / in.	CHECKED KA	REVISED -
PLOT DATE = 4/29/2016	DATE 4/8/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 EASTBOUND FROM CUMBERLAND AVE TO HARLEM AVE
PROPOSED PLAN**

SCALE: 1" = 50' SHEET NO. 2 OF 4 SHEETS STA. 3057+00 TO STA. 3083+00

F.A.I. RTE. 90	SECTION (1517 & 1415) R-3	COUNTY COOK	TOTAL SHEETS 557	SHEET NO. 63
CONTRACT NO. 60Y38			ILLINOIS FED. AID PROJECT	

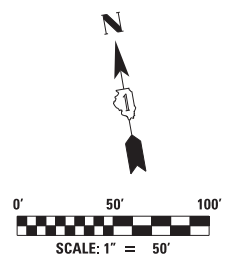
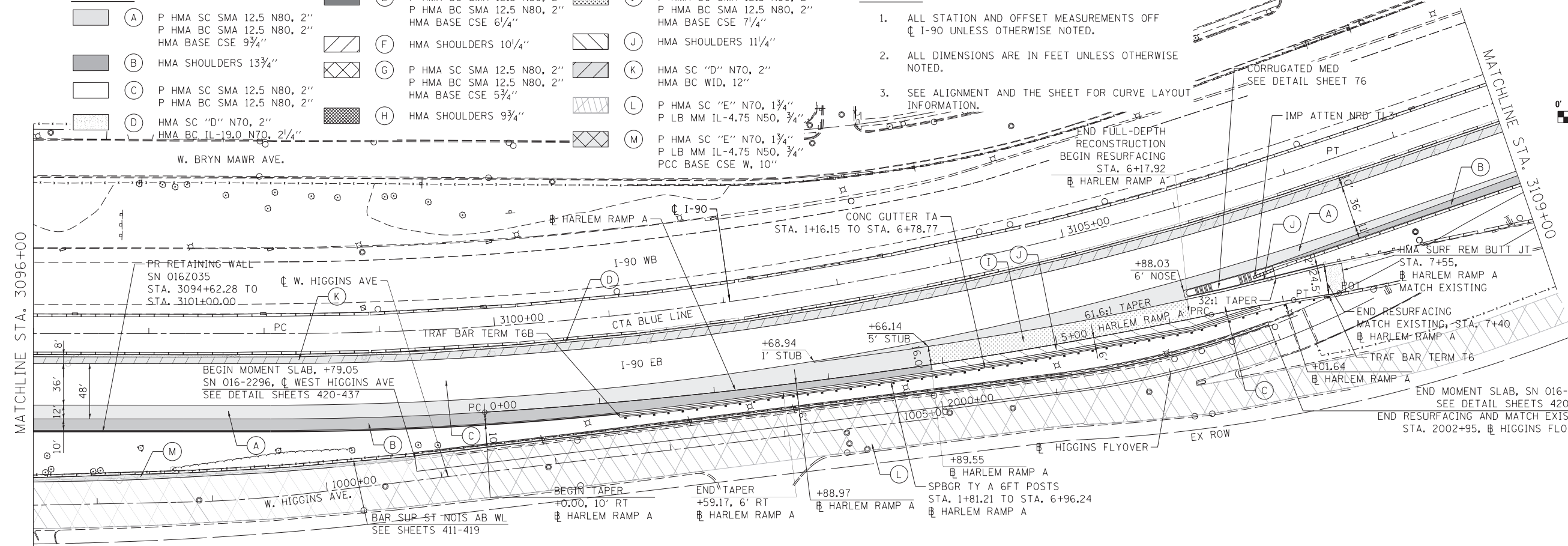


LEGEND:

(A) P HMA SC SMA 12.5 N80, 2" P HMA BC SMA 12.5 N80, 2" HMA BASE CSE 9 3/4"	(E) P HMA SC SMA 12.5 N80, 2" P HMA BC SMA 12.5 N80, 2" HMA BASE CSE 6 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"
(B) HMA SHOULDERS 13 3/4"	(F) HMA SHOULDERS 10 1/4"	(J) HMA SHOULDERS 11 1/4"
(C) P HMA SC SMA 12.5 N80, 2" P HMA BC SMA 12.5 N80, 2"	(G) P HMA SC SMA 12.5 N80, 2" P HMA BC SMA 12.5 N80, 2" HMA BASE CSE 5 3/4"	(K) HMA SC "D" N70, 2" HMA BC WID, 12"
(D) HMA SC "D" N70, 2" HMA BC IL-19.0 N70, 2 1/4"	(H) HMA SHOULDERS 9 3/4"	(L) P HMA SC "E" N70, 1 3/4" P LB MM IL-4.75 N50, 3/4"
		(M) P HMA SC "E" N70, 1 3/4" P LB MM IL-4.75 N50, 3/4" PCC BASE CSE W, 10"

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 THE SHEET FOR CURVE LAYOUT INFORMATION.



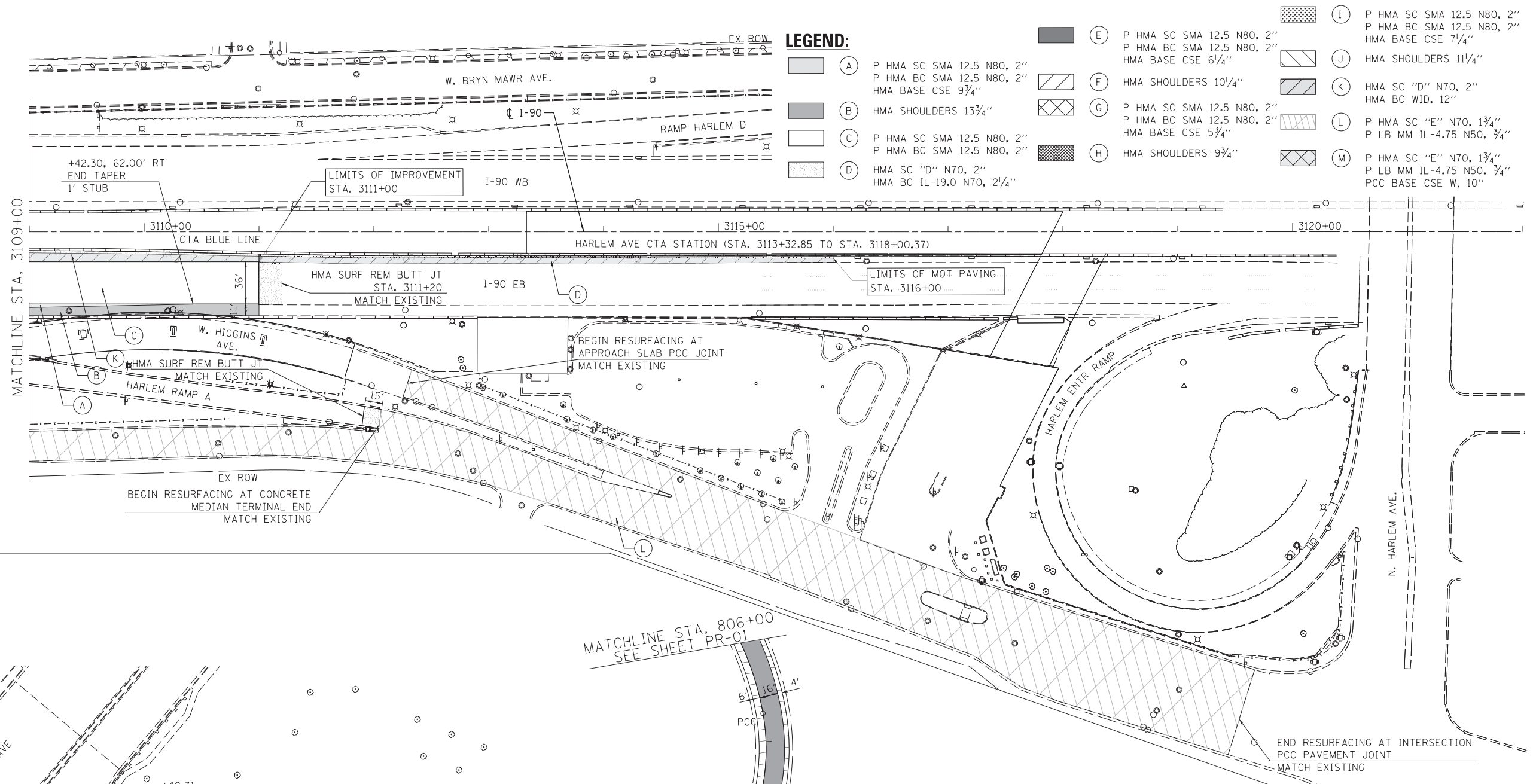
USER NAME = areoss	DESIGNED MM	REVISED - -
	DRAWN MM	REVISED -
PLOT SCALE = 1:8000' / in.	CHECKED KA	REVISED -
PLOT DATE = 4/29/2016	DATE 4/8/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 EASTBOUND FROM CUMBERLAND AVE TO HARLEM AVE
PROPOSED PLAN**

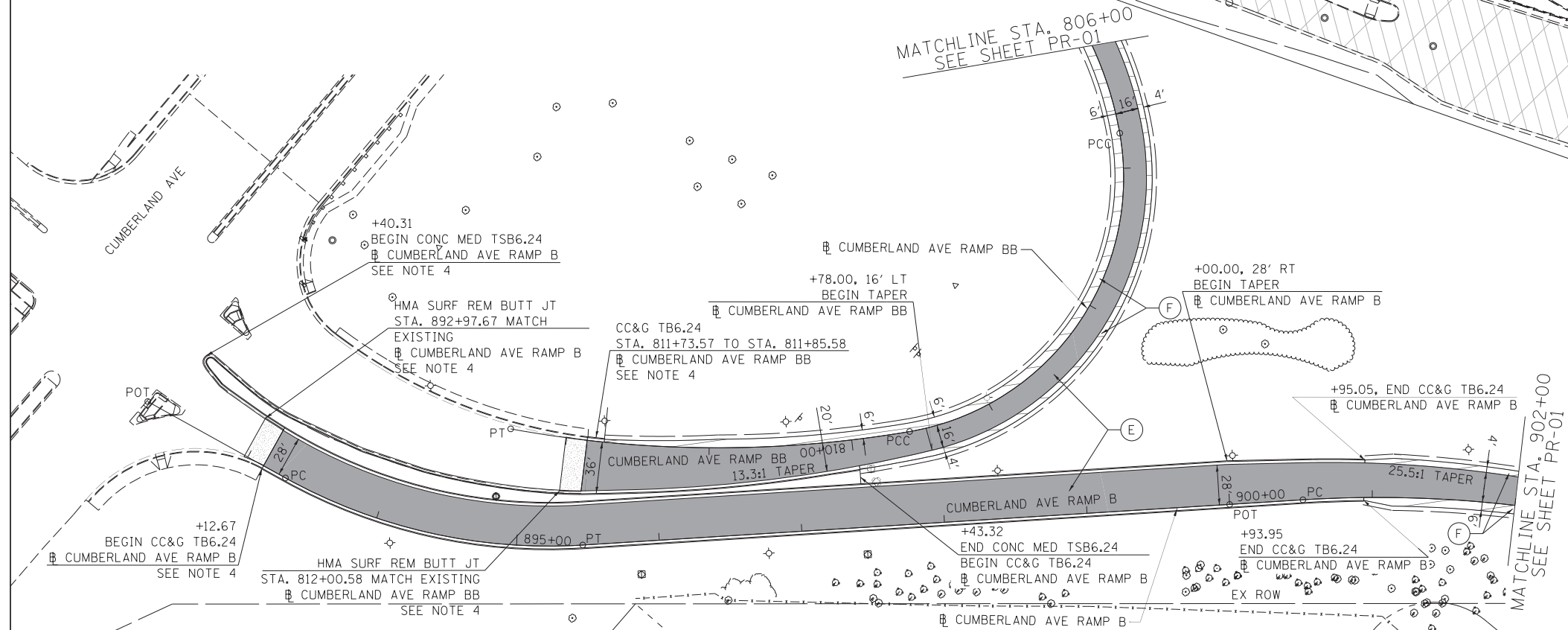
SCALE: 1" = 50' SHEET NO. 3 OF 4 SHEETS STA. 3083+00 TO STA. 3109+00

F.A.I. R.T.E. 90		SECTION (1517 & 1415) R-3	COUNTY COOK	TOTAL SHEETS NO.	
				557	64
				CONTRACT NO. 60Y38	
ILLINOIS FED. AID PROJECT					



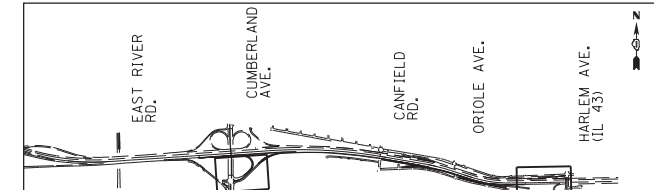
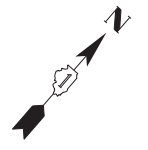
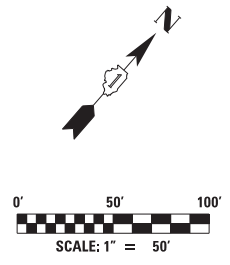
LEGEND:

(A)	P HMA SC SMA 12.5 N80, 2" P HMA BC SMA 12.5 N80, 2" HMA BASE CSE 9 3/4"	(E)	P HMA SC SMA 12.5 N80, 2" P HMA BC SMA 12.5 N80, 2" HMA BASE CSE 6 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"
(B)	HMA SHOULDERS 13 3/4"	(F)	HMA SHOULDERS 10 1/4"	(J)	HMA SHOULDERS 11 1/4"
(C)	P HMA SC SMA 12.5 N80, 2" P HMA BC SMA 12.5 N80, 2"	(G)	P HMA SC SMA 12.5 N80, 2" P HMA BC SMA 12.5 N80, 2" HMA BASE CSE 5 3/4"	(K)	HMA SC "D" N70, 2" HMA BC WID, 12"
(D)	HMA SC "D" N70, 2" HMA BC IL-19.0 N70, 2 1/4"	(H)	HMA SHOULDERS 9 3/4"	(L)	P HMA SC "E" N70, 1 3/4" P LB MM IL-4.75 N50, 3/4"
				(M)	P HMA SC "E" N70, 1 3/4" P LB MM IL-4.75 N50, 3/4" PCC BASE CSE W, 10"



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 THE SHEET FOR CURVE LAYOUT INFORMATION.
4. PROJECT LIMITS BASED ON COORDINATION WITH CUMBERLAND BRIDGE CONTRACT 60J14 DESIGN PLAN LIMIT. CONTRACTOR TO ADJUST WORK LIMITS TO MEET CONSTRUCTION JOINT IN FIELD.



USER NAME = oreoss	DESIGNED MM	REVISED - -
PLOT SCALE = 1.0000' / in.	DRAWN MM	REVISED -
PLOT DATE = 4/29/2016	CHECKED KA	REVISED -
	DATE 4/8/2016	REVISED -

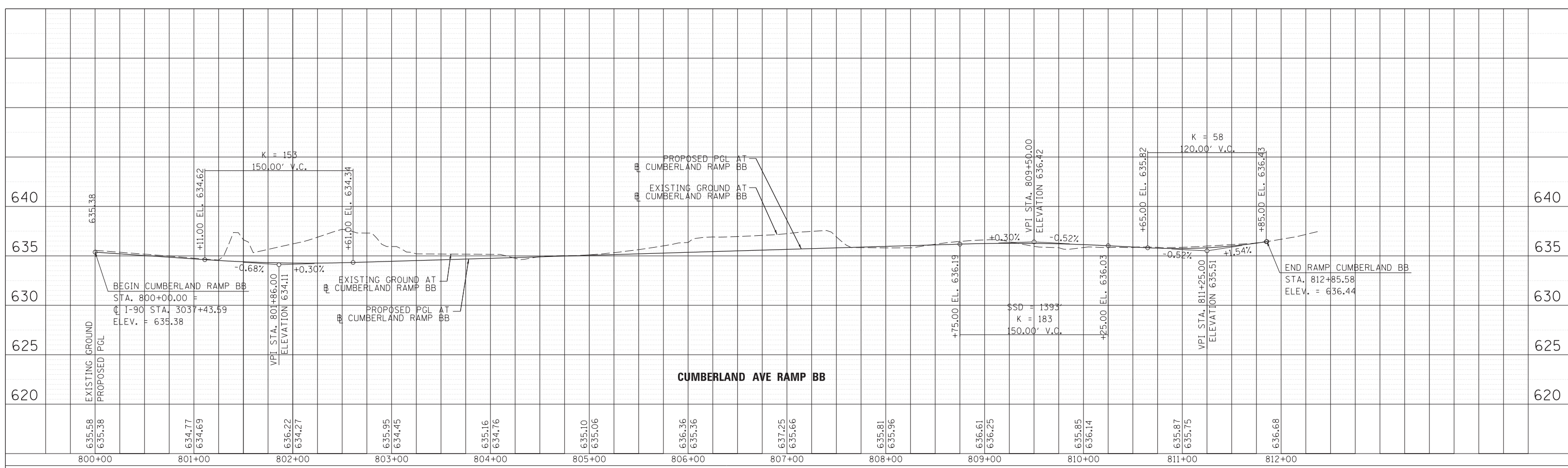
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 EASTBOUND FROM CUMBERLAND AVE TO HARLEM AVE
PROPOSED PLAN**

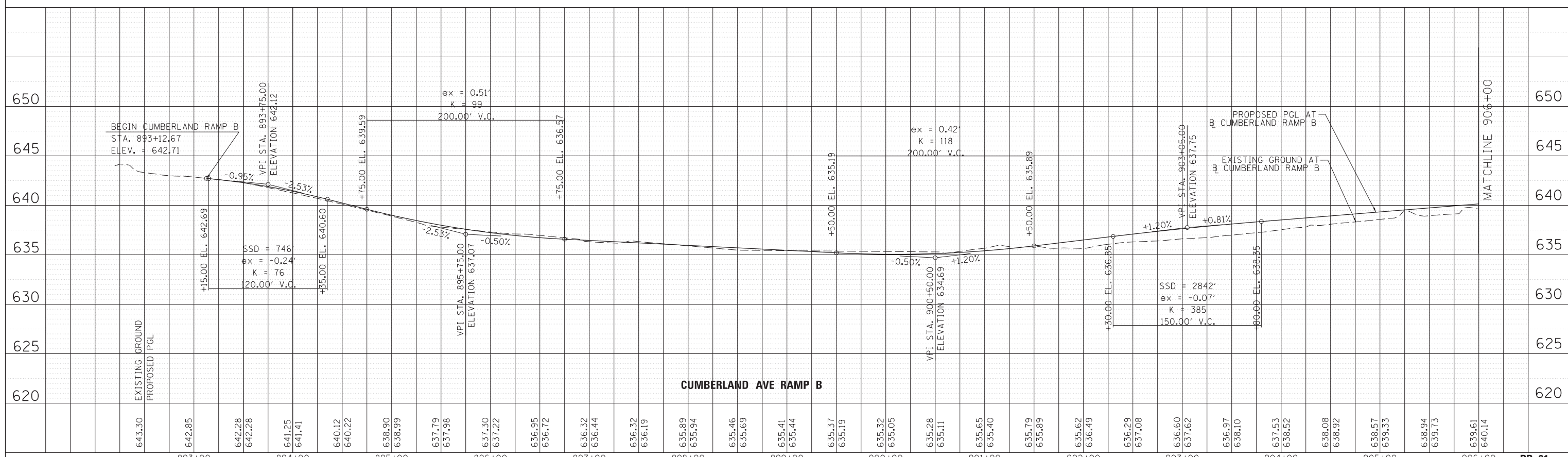
SCALE: 1" = 50' SHEET NO. 4 OF 4 SHEETS STA. 3109+00 TO STA. 3111+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	557	65
CONTRACT NO. 60Y38				
ILLINOIS FED. AID PROJECT				

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



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



USER NAME = areoss	DESIGNED MM	REVISED -
	DRAWN MM	REVISED -
PLOT SCALE = 1.0000' / in.	CHECKED KA	REVISED -
PLOT DATE = 4/29/2016	DATE 4/8/2016	REVISED -

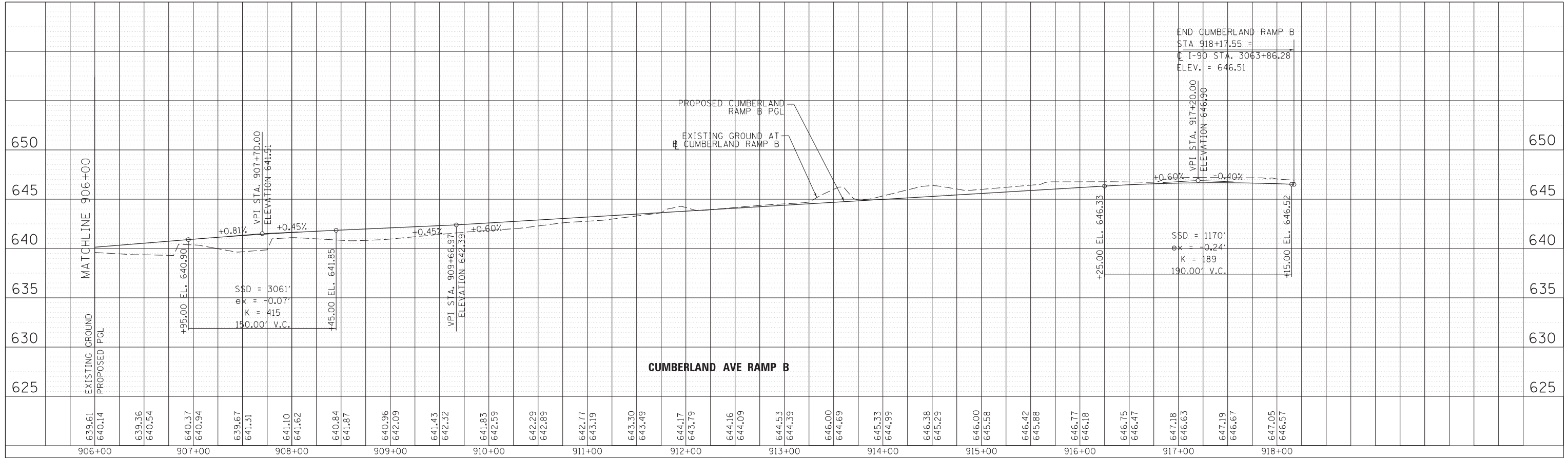
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 EASTBOUND FROM CUMBERLAND AVE TO HARLEM AVE
RAMP BB PROFILE
RAMP B PROFILE

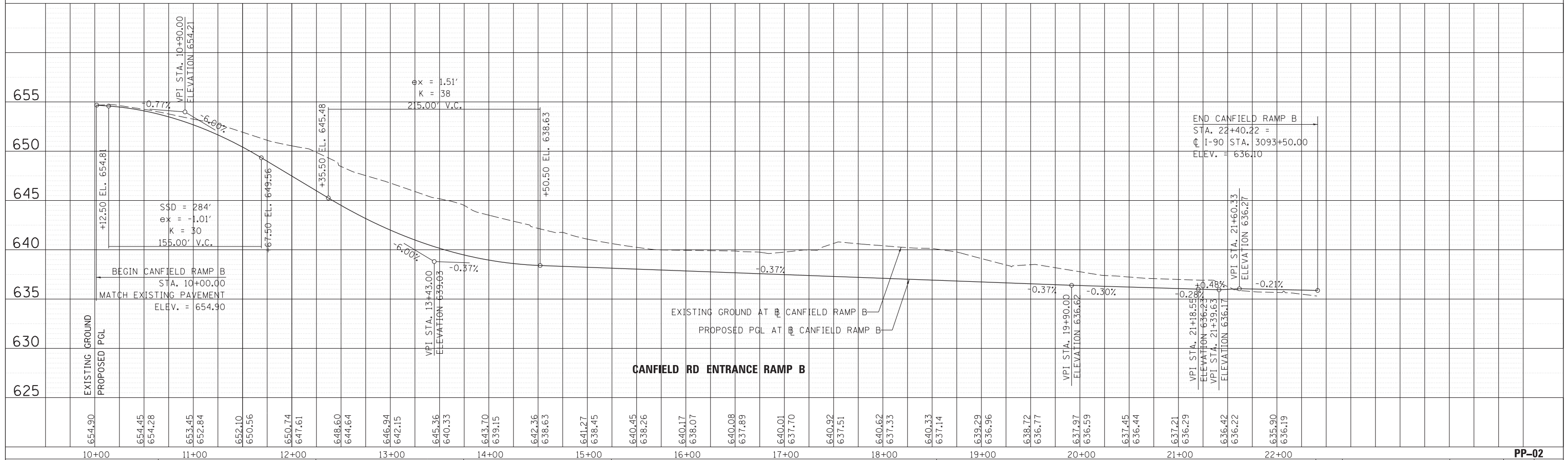
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	557	66
CONTRACT NO. 60Y38				PP-01

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

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



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



USER NAME = areoss	DESIGNED MM	REVISED - -
	DRAWN MM	REVISED - -
PLOT SCALE = 1:8000' / in.	CHECKED KA	REVISED - -
PLOT DATE = 4/29/2016	DATE 4/8/2016	REVISED - -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

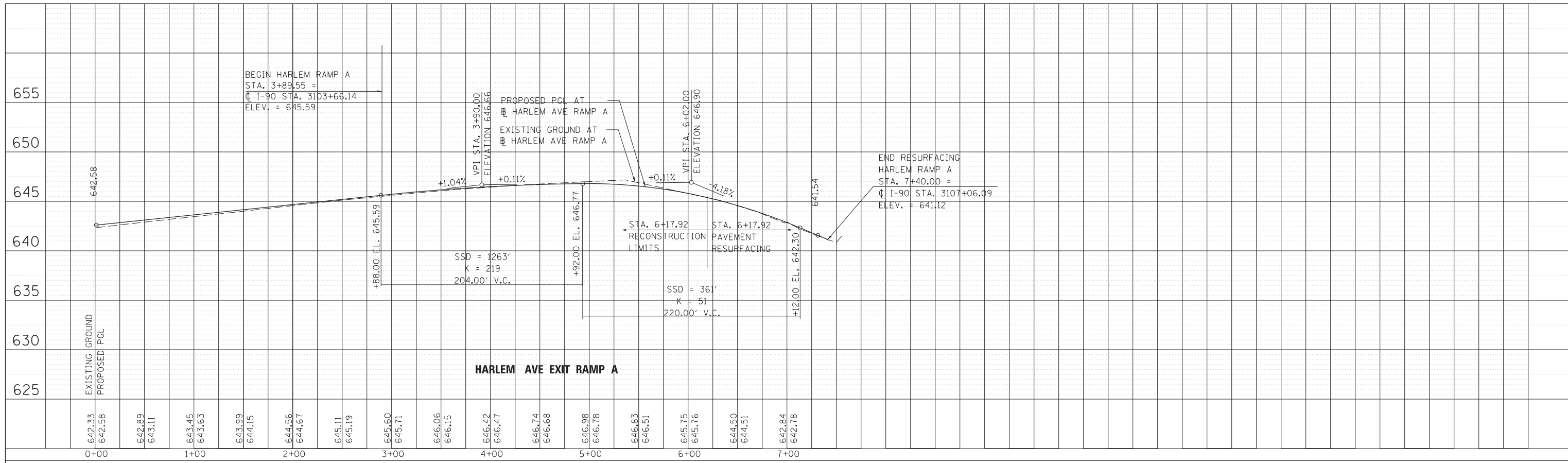
I-90 EASTBOUND FROM CUMBERLAND AVE TO HARLEM AVE
CUMBERLAND AVE RAMP B PROFILE
CANFIELD EASTBOUND ENTRANCE RAMP B PROFILE

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	557	67
CONTRACT NO. 60Y38			PP-02	
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOT AT THIS OFFICE		
	NOTE BOOK NO.		

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



USER NAME = oreoss	DESIGNED MM	REVISED - -
	DRAWN MM	REVISED -
PLOT SCALE = 1.0000' / in.	CHECKED KA	REVISED -
PLOT DATE = 4/29/2016	DATE 4/8/2016	REVISED -

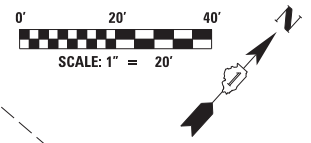
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 EASTBOUND FROM CUMBERLAND AVE TO HARLEM AVE
HARLEM AVE RAMP A PROFILE

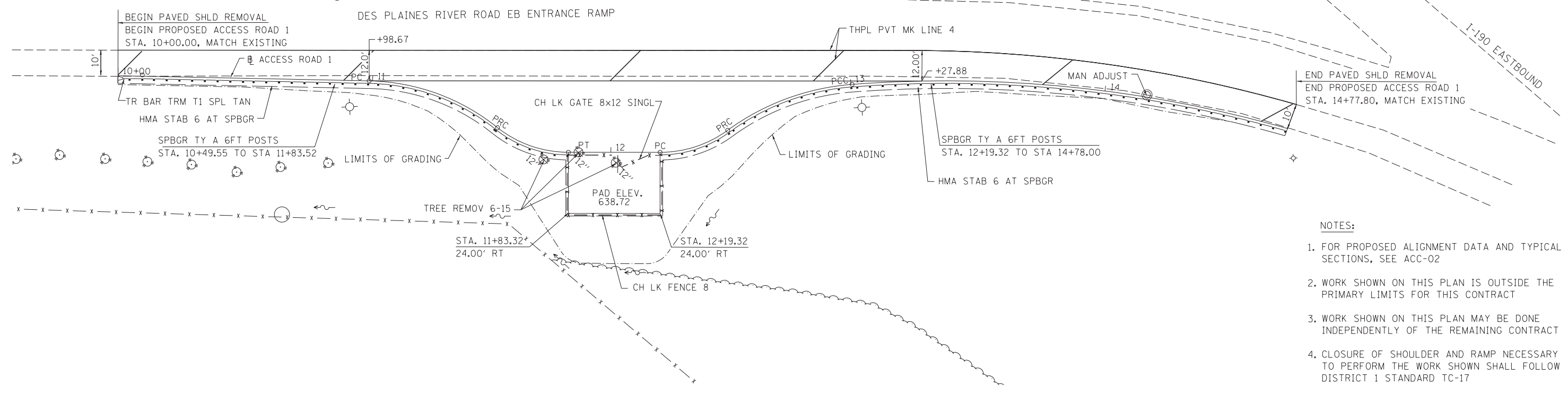
SCALE: 1" = 50' SHEET NO. 3 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	557	68
			CONTRACT NO. 60Y38	
ILLINOIS FED. AID PROJECT				

PP-03

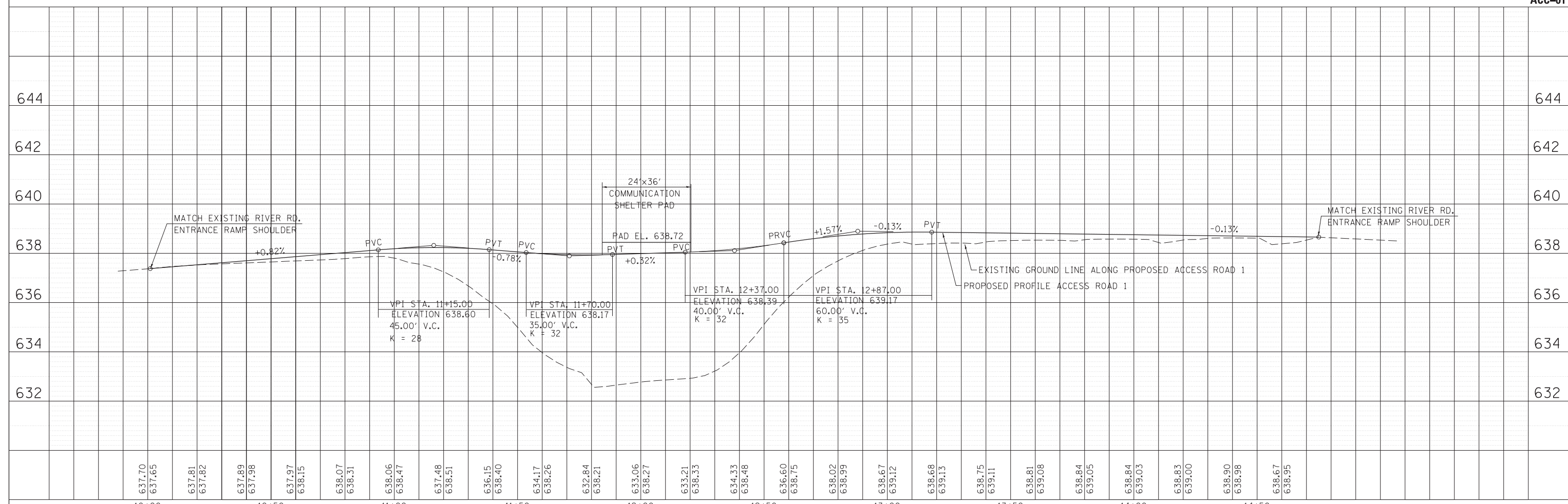


PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	



- NOTES:**
1. FOR PROPOSED ALIGNMENT DATA AND TYPICAL SECTIONS, SEE ACC-02
 2. WORK SHOWN ON THIS PLAN IS OUTSIDE THE PRIMARY LIMITS FOR THIS CONTRACT
 3. WORK SHOWN ON THIS PLAN MAY BE DONE INDEPENDENTLY OF THE REMAINING CONTRACT
 4. CLOSURE OF SHOULDER AND RAMP NECESSARY TO PERFORM THE WORK SHOWN SHALL FOLLOW DISTRICT 1 STANDARD TC-17

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	



ACC-01



USER NAME = areoss	DESIGNED BAJ	REVISED - -
	DRAWN BAJ	REVISED -
PLOT SCALE = 1:2000' / in.	CHECKED MMK	REVISED -
PLOT DATE = 4/29/2016	DATE 4/8/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 EASTBOUND FROM CUMBERLAND AVE TO HARLEM AVE
PLAN AND PROFILE
PROPOSED ACCESS ROAD 1

F.A.I. RTE. 90	SECTION (1517 & 1415) R-3	COUNTY COOK	TOTAL SHEETS 557	SHEET NO. 69
CONTRACT NO. 60Y38				
ILLINOIS FED. AID PROJECT				

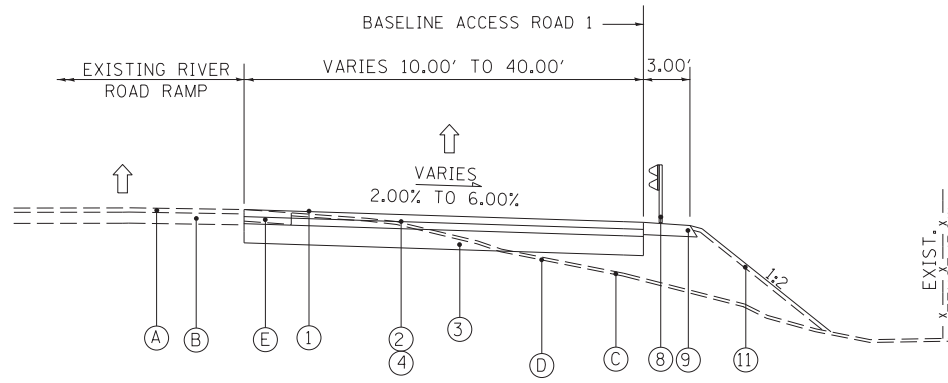
SCALE: 20'H : 2'V SHEET NO. 1 OF 2 SHEETS STA. TO STA.

EXISTING LEGEND

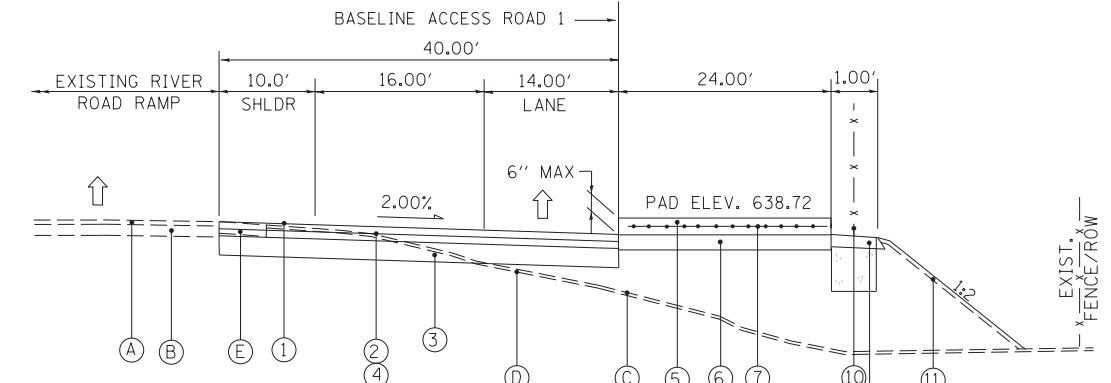
- (A) EXISTING HMA OVERLAY (VARIABLE THICKNESS)
- (B) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 10"
- (C) EXISTING GROUND
- (D) EXISTING TOPSOIL, 4"
- (E) PAVED SHOULDER REMOVAL

PROPOSED LEGEND

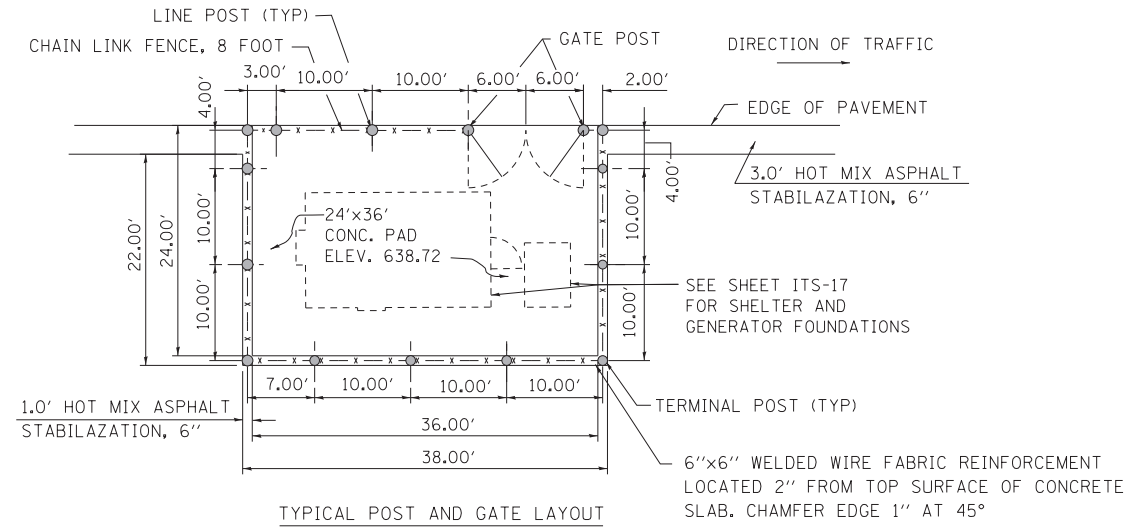
- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5), 2"
- (2) HOT-MIX ASPHALT BASE COURSE, 6"
- (3) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (4) BITUMINOUS MATERIALS (TACK COAT)
- (5) PORTLAND CEMENT CONCRETE PAVEMENT, 6"
- (6) SUBBASE GRANULAR MATERIAL, TYPE A, 4"
- (7) WELDED WIRE FABRIC 6x6
- (8) STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- (9) HOT-MIX ASPHALT STABILIZATION, 6" AT STEEL PLATE BEAM GUARDRAIL
- (10) CHAIN LINK FENCE, 8 FOOT
- (11) TOPSOIL FURNISH AND PLACE, 6"



PROPOSED TYPICAL SECTION - ACCESS ROAD 1
STA. 10+00.00 TO STA. 11+83.00
STA. 12+19.00 TO STA. 14+74.00



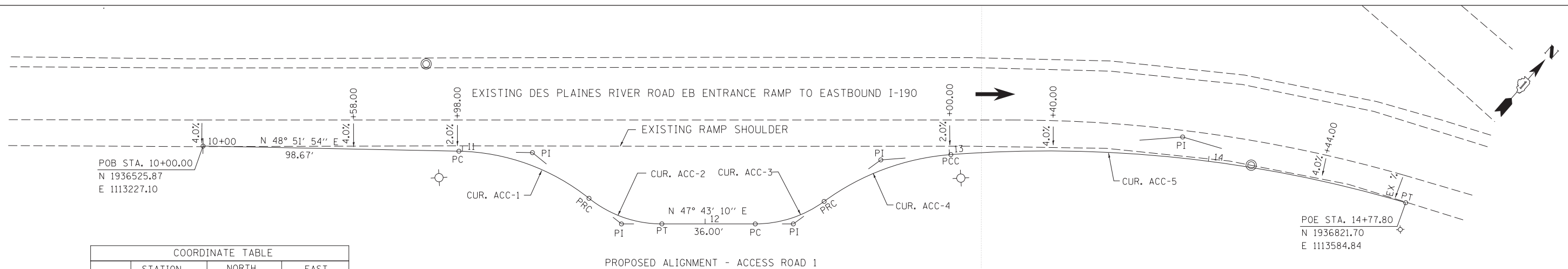
PROPOSED TYPICAL SECTION - ACCESS ROAD 1
STA. 11+83.00 TO STA. 12+19.00



TYPICAL POST AND GATE LAYOUT

NOTES:

- 1. FOR COMMUNICATION SHELTER PLAN AND ELEVATION VIEW, SEE ITS DETAIL SHEET XXX



COORDINATE TABLE			
	STATION	NORTH	EAST
POB	10+00.00	1,936,525.87	1,113,301.43
ACC-1	PC 10+98.67	1,936,590.77	1,113,301.41
	PI 11+26.83	1,936,609.30	1,113,322.62
ACC-2	PC 11+52.98	1,936,611.09	1,113,350.73
	PI 11+68.75	1,936,612.10	1,113,366.48
ACC-3	PC 12+19.32	1,936,646.93	1,113,404.78
	PI 12+34.01	1,936,656.81	1,113,415.65
ACC-4	PC 12+47.72	1,936,671.20	1,113,418.60
	PI 12+74.80	1,936,697.73	1,113,424.02
ACC-5	PC 13+00.48	1,936,717.41	1,113,442.62
	PI 13+90.12	1,936,782.57	1,113,504.19
POE	PT 14+77.80	1,936,821.70	1,113,584.84

ACCESS ROAD 1 - CURVE DATA

CURVE ACC-1	CURVE ACC-2	CURVE ACC-3	CURVE ACC-4	CURVE ACC-5
PI STA. = 11+26.83	PI STA. = 11+68.75	PI STA. = 12+34.01	PI STA. = 12+74.80	PI STA. = 13+90.12
$\Delta = 37^\circ 29' 26''$ (RT)	$\Delta = 38^\circ 38' 11''$ (LT)	$\Delta = 36^\circ 09' 26''$ (LT)	$\Delta = 31^\circ 49' 07''$ (RT)	$\Delta = 20^\circ 44' 06''$ (RT)
D = 69° 01' 52"	D = 127° 19' 26"	D = 127° 19' 26"	D = 60° 18' 41"	D = 11° 41' 35"
R = 83.00'	R = 45.00'	R = 45.00'	R = 95.00'	R = 490.00'
T = 28.17'	T = 15.77'	T = 14.69'	T = 27.08'	T = 89.64'
L = 54.31'	L = 30.34'	L = 28.40'	L = 52.76'	L = 177.33'
E = 4.65'	E = 2.68'	E = 2.34'	E = 3.78'	E = 8.13'
P.C. STA = 10+98.67	P.R.C. STA = 11+52.98	P.C. STA = 12+19.32	P.R.C. STA = 12+47.72	P.C.C. STA = 13+00.48
P.R.C. STA = 11+52.98	P.T. STA = 11+83.32	P.R.C. STA = 12+47.72	P.C.C. STA = 13+00.48	P.T. STA = 14+77.80



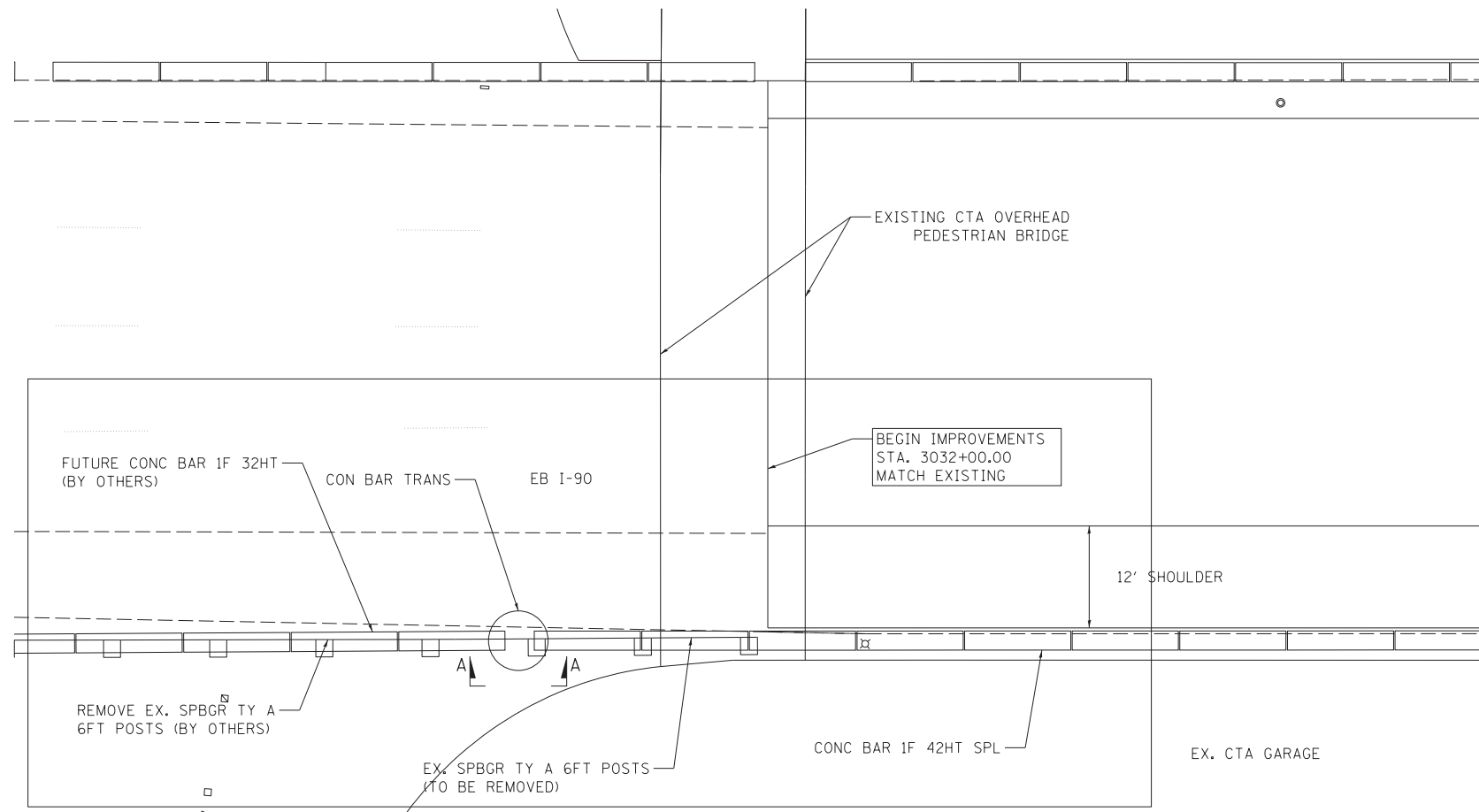
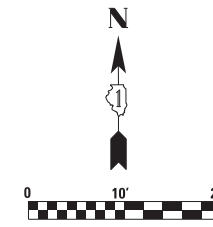
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	DRAWN BAJ	REVISED -
PLOT SCALE = 1:8000' / in.	CHECKED MMK	REVISED -
PLOT DATE = 4/29/2016	DATE 4/8/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

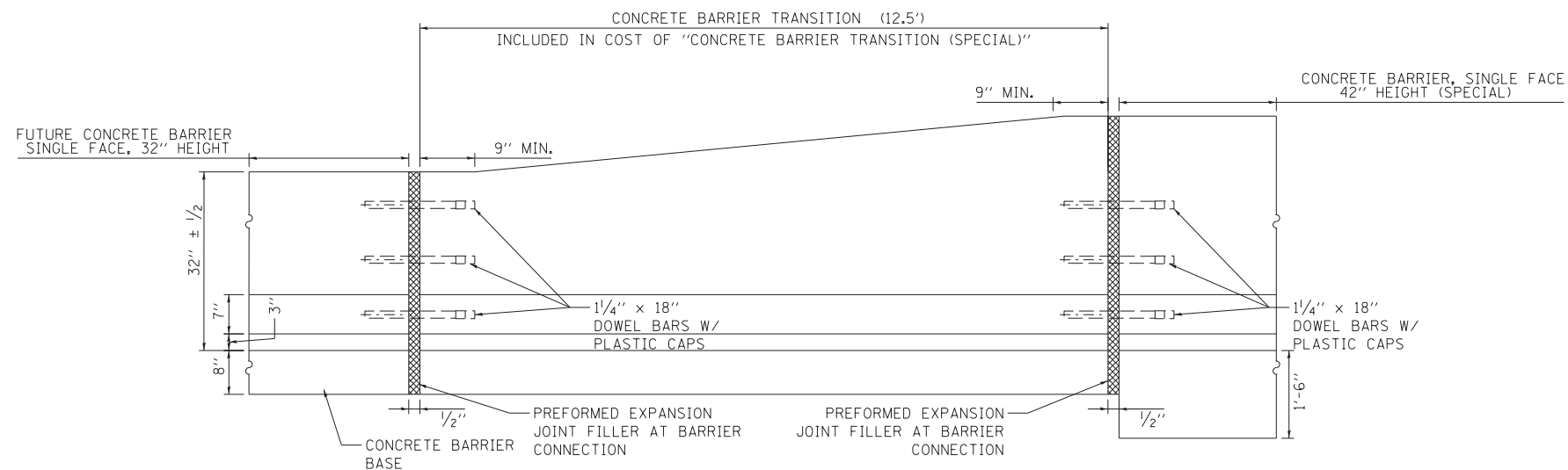
I-90 EASTBOUND FROM CUMBERLAND AVE TO HARLEM AVE
ALIGNMENT AND DETAILS
PROPOSED ACCESS ROAD 1

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	557	70
CONTRACT NO. 60Y38				
ILLINOIS FED. AID PROJECT				



PLAN VIEW
TRANSITION SECTION LIMITS:
STA. 3031+69.12 TO STA. 3031+81.62



VIEW A-A
BARRIER TRANSITION ELEVATION
N.T.S.



USER NAME = areoss	DESIGNED APR	REVISED - -
	DRAWN APR	REVISED -
PLOT SCALE = 1.0000' / in.	CHECKED MAM	REVISED -
PLOT DATE = 4/29/2016	DATE 4/8/2016	REVISED -

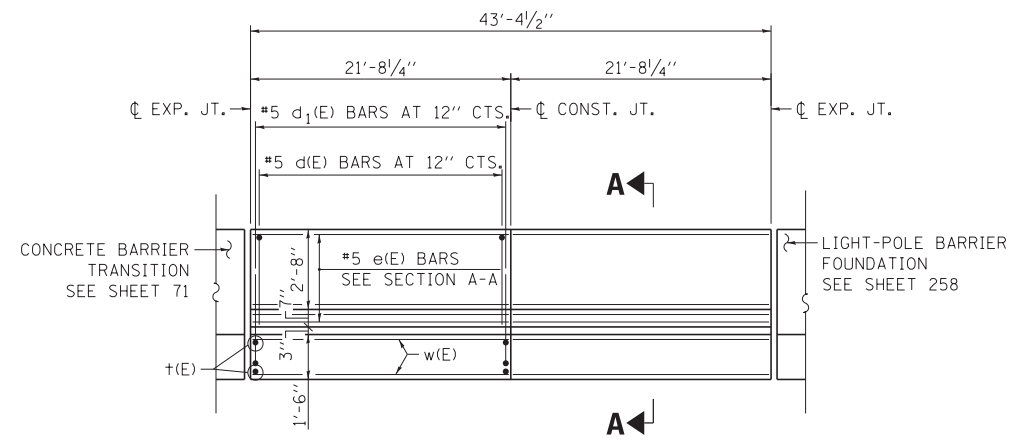
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 EASTBOUND FROM CUMBERLAND AVE TO HARLEM AVE
CONCRETE BARRIER DETAILS - CTA PARKING GARAGE

SCALE: 1" = 10' SHEET NO. 1 OF 1 SHEETS STA. 3031+69 TO STA. 3031+82

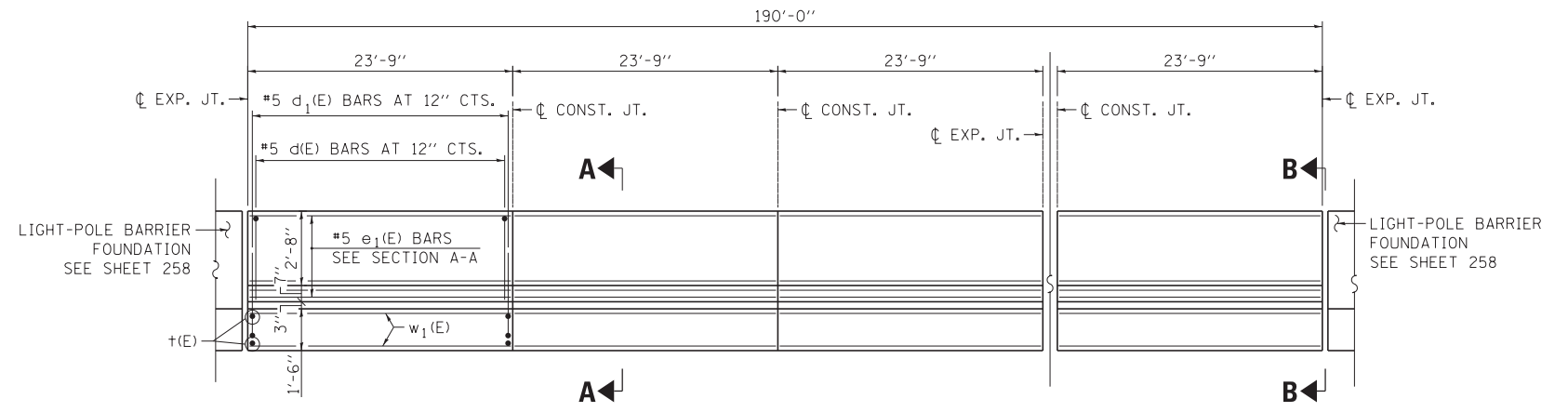
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	557	71
			CONTRACT NO. 60Y38	
ILLINOIS FED. AID PROJECT				

PD-01



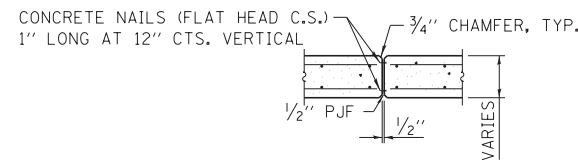
CONCRETE BARRIER ELEVATION - 1

STA. 3031+81.62 TO STA. 3032+25.00

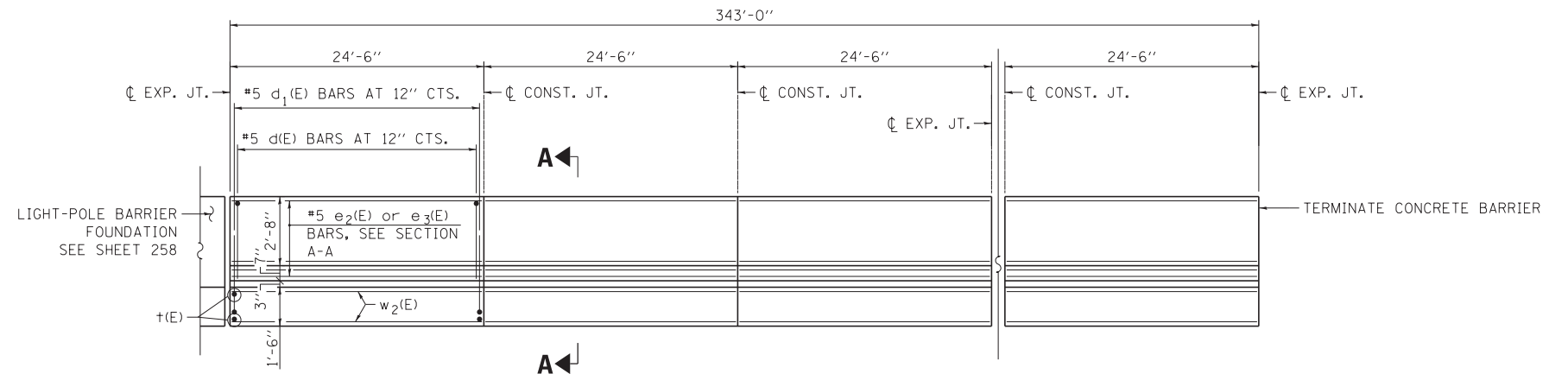


CONCRETE BARRIER ELEVATION - 2

STA. 3032+35.00 TO STA. 3034+25.00
 STA. 3034+35.00 TO STA. 3036+25.00
 STA. 3036+35.00 TO STA. 3038+25.00

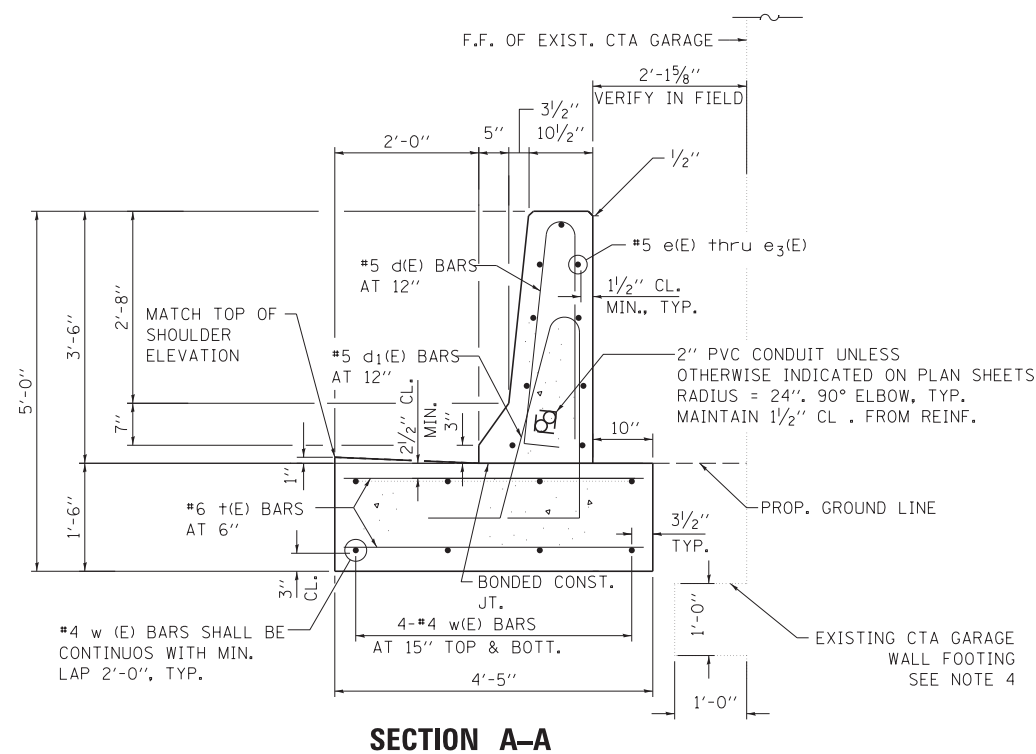


EXPANSION JOINT DETAIL

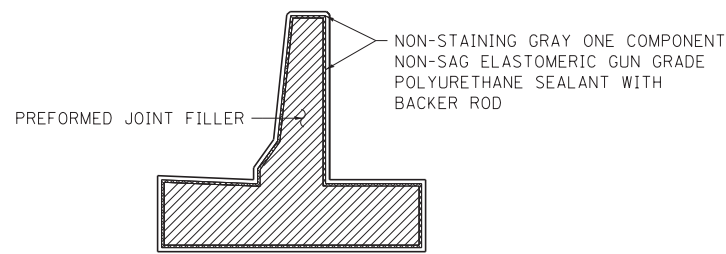


CONCRETE BARRIER ELEVATION - 3

STA. 3038+35.00 TO STA. 3041+77.91



SECTION A-A



SECTION B-B

NOTES:

1. FOR BARRIER LOCATIONS, SEE SHEET PR-01.
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. JOINTS SHALL BE CONSTRUCTED AS SHOWN ON THE PLANS.
4. CONTRACTOR SHALL VERIFY THE LOCATION OF THE EXISTING CTA PARKING GARAGE WALL FOOTING PRIOR TO EXCAVATION FOR CONCRETE BARRIER CONSTRUCTION.
5. REINFORCEMENT BARS DESIGNATED "(E)" SHALL BE EPOXY COATED.
6. MAXIMUM EXPANSION JOINT SPACING SHALL BE 90'-0".
7. MAXIMUM CONSTRUCTION JOINT SPACING SHALL BE 30'-0".



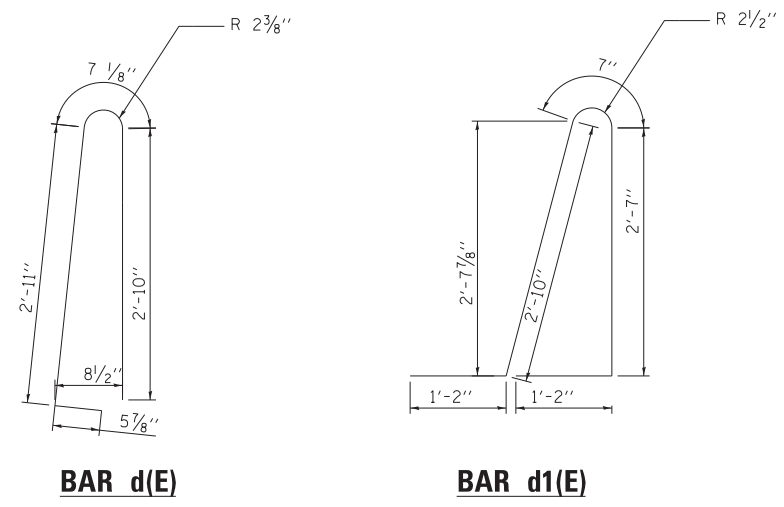
USER NAME = areoss	DESIGNED APR	REVISED - -
	DRAWN APR	REVISED -
PLOT SCALE = 0.08333' / in.	CHECKED ACF	REVISED -
PLOT DATE = 4/29/2016	DATE 4/8/2016	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**I-90 EASTBOUND FROM CUMBERLAND AVE TO HARLEM AVE
 CONCRETE BARRIER DETAILS - CTA PARKING GARAGE**

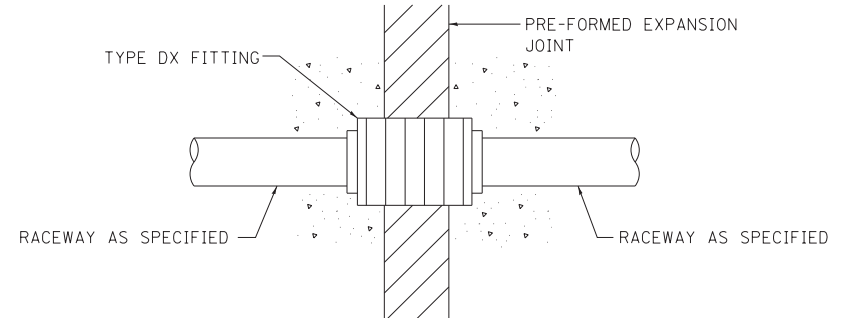
SCALE: N.T.S. SHEET NO. 1 OF 2 SHEETS STA. 3031+82 TO STA. 3041+78

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	557	72
CONTRACT NO. 60Y38				
ILLINOIS FED. AID PROJECT				



BAR d(E) **BAR d1(E)**

BENDING DIAGRAMS



CONDUIT DEFLECTION FITTING DETAIL



USER NAME = oreoss	DESIGNED APR	REVISED - -
	DRAWN APR	REVISED -
PLOT SCALE = 0.08333' / in.	CHECKED ACF	REVISED -
PLOT DATE = 4/29/2016	DATE 4/8/2016	REVISED -

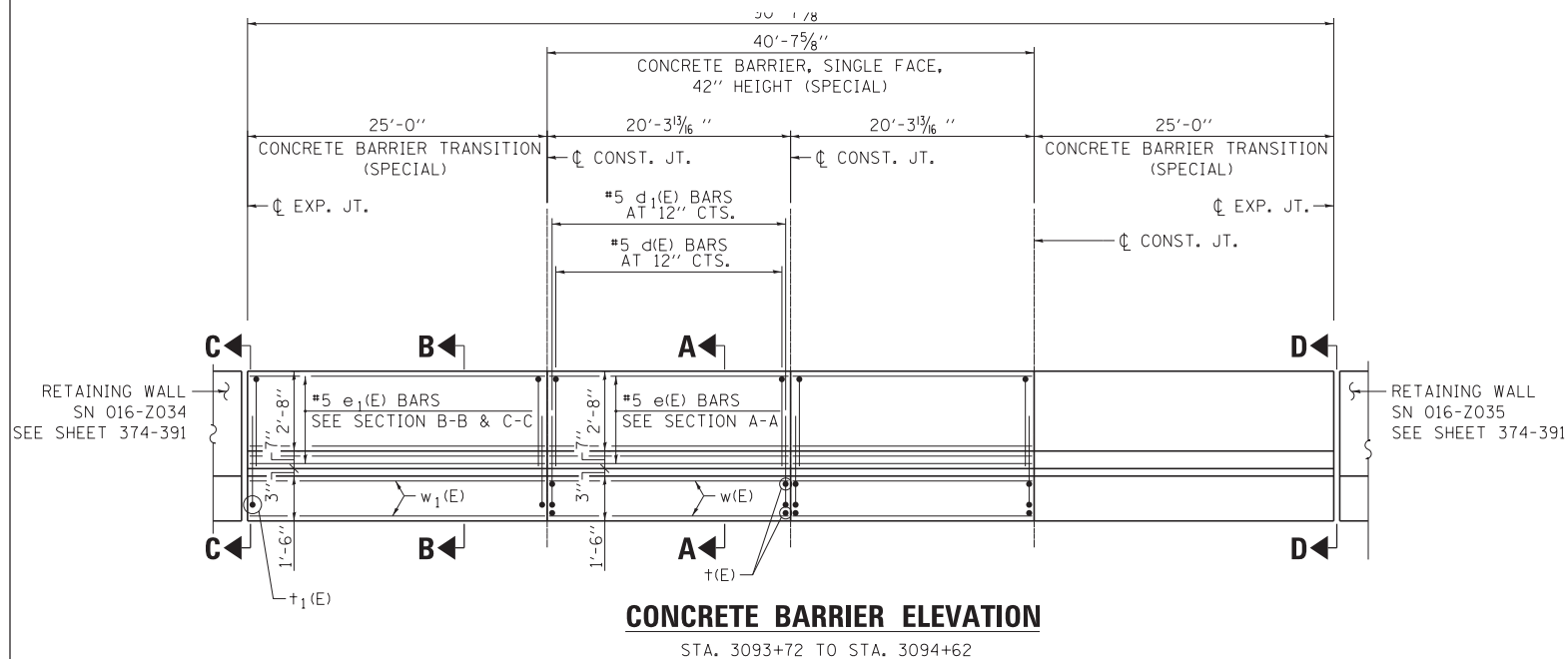
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 EASTBOUND FROM CUMBERLAND AVE TO HARLEM AVE
CONCRETE BARRIER DETAILS - CTA PARKING GARAGE**

SCALE: N.T.S. SHEET NO. 2 OF 2 SHEETS STA. 3031+82 TO STA. 3041+78

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	557	73
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y38	

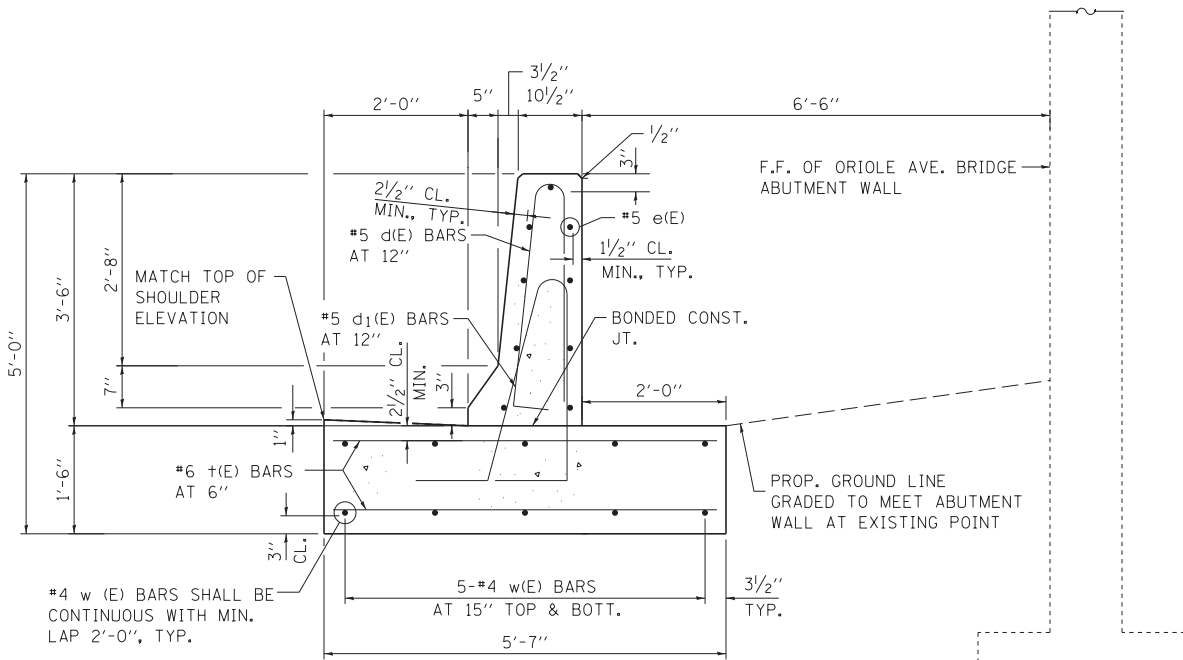
FILE NAME = p:\hntb\356.hntb.org\GreatLakes\Documents\Chicago Projects\58015 1-90\Phase II\Contract 2 - Eastbound\Design\CADD\CADD Sheets\DI60Y38-sht-details-03.dgn



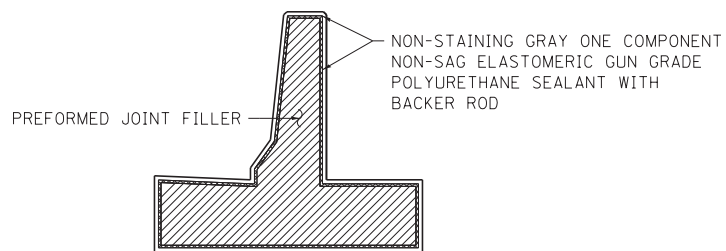
CONCRETE BARRIER ELEVATION
STA. 3093+72 TO STA. 3094+62

NOTES:

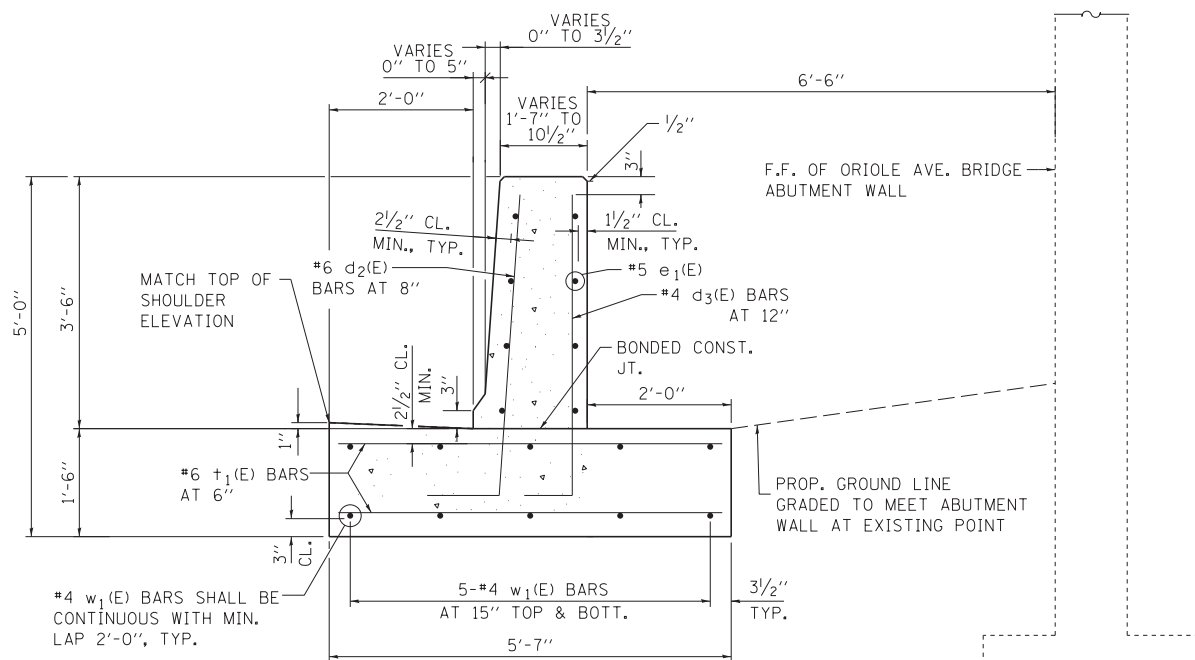
1. FOR BARRIER LOCATIONS, SEE SHEET PR-03.
2. ALL WORK AND MATERIALS DETAILED HEREIN SHALL BE INCLUDED IN THE COST OF "CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT (SPECIAL)" AND "CONCRETE BARRIER TRANSITION (SPECIAL)" UNLESS OTHERWISE NOTED.
3. JOINTS SHALL BE CONSTRUCTED AS SHOWN ON THE PLANS.
4. CONTRACTOR SHALL VERIFY THE LOCATIONS OF THE EXISTING ABUTMENT FOOTING PRIOR TO EXCAVATION FOR CONCRETE BARRIER CONSTRUCTION.
5. REINFORCEMENT BARS DESIGNATED "(E)" SHALL BE EPOXY COATED.
6. MAXIMUM EXPANSION JOINT SPACING SHALL BE 90'-0".
7. MAXIMUM CONSTRUCTION JOINT SPACING SHALL BE 30'-0".



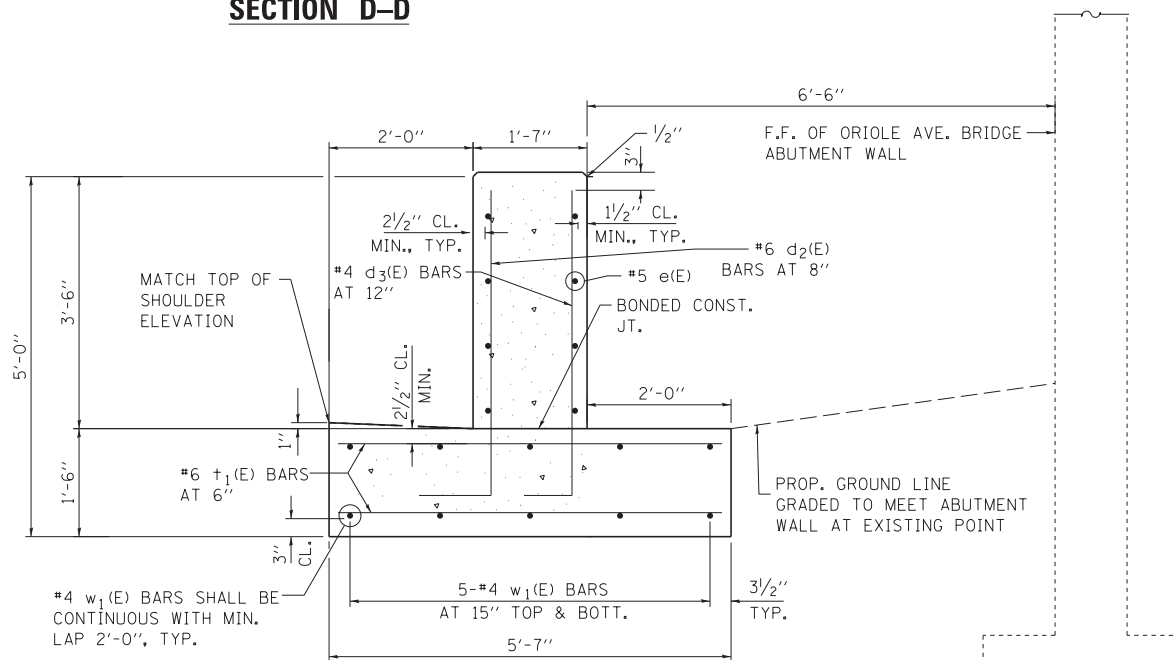
SECTION A-A



SECTION D-D



SECTION B-B



SECTION C-C



USER NAME = oreoss	DESIGNED = APR	REVISED = -
	DRAWN = APR	REVISED = -
PLOT SCALE = 0.08333' / in.	CHECKED = ACF	REVISED = -
PLOT DATE = 4/29/2016	DATE = 4/8/2016	REVISED = -

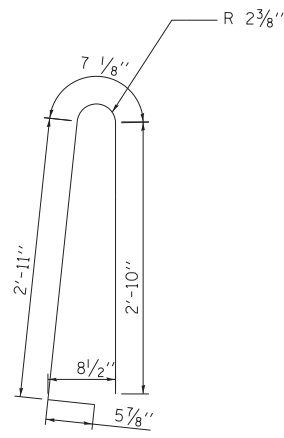
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 EASTBOUND FROM CUMBERLAND AVE TO HARLEM AVE
CONCRETE BARRIER DETAILS - UNDER ORIOLE AVE**

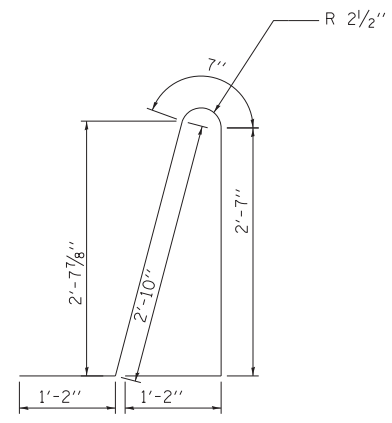
SCALE: N.T.S. SHEET NO. 1 OF 2 SHEETS STA. 3093+72 TO STA. 3094+62

F.A.I. RTE. = 90	SECTION = (1517 & 1415) R-3	COUNTY = COOK	TOTAL SHEETS = 557	SHEET NO. = 74
				CONTRACT NO. 60Y38
ILLINOIS FED. AID PROJECT				

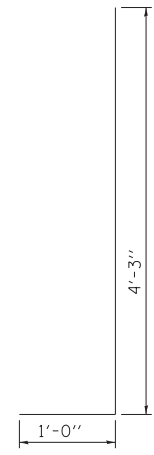
PD-04



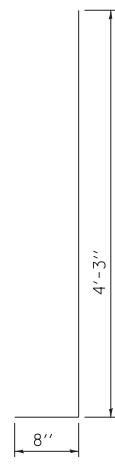
BAR d(E)



BAR d1(E)



BAR d2(E)



BAR d3(E)

BENDING DIAGRAMS



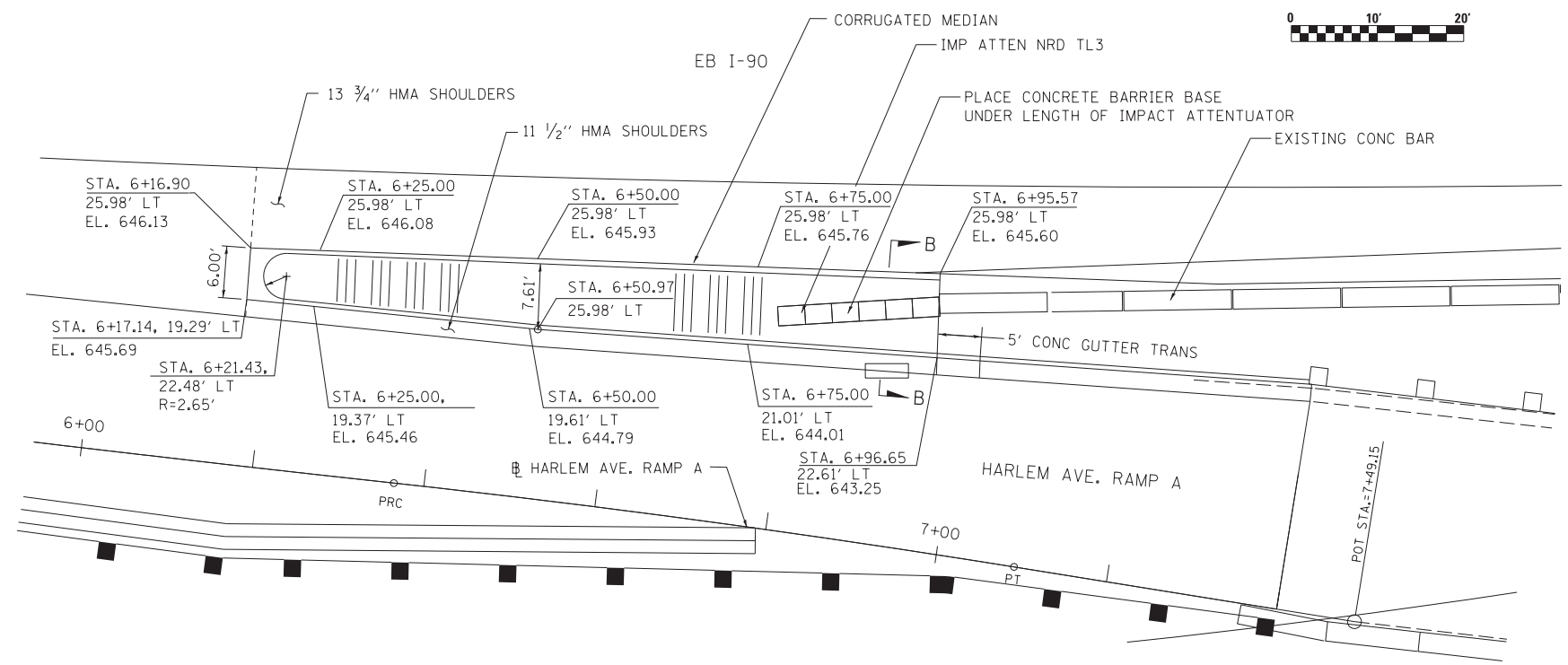
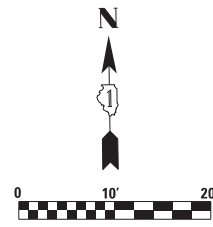
USER NAME = oreoss	DESIGNED APR	REVISED - -
	DRAWN APR	REVISED -
PLOT SCALE = 0.08333' / in.	CHECKED ACF	REVISED -
PLOT DATE = 4/29/2016	DATE 4/8/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

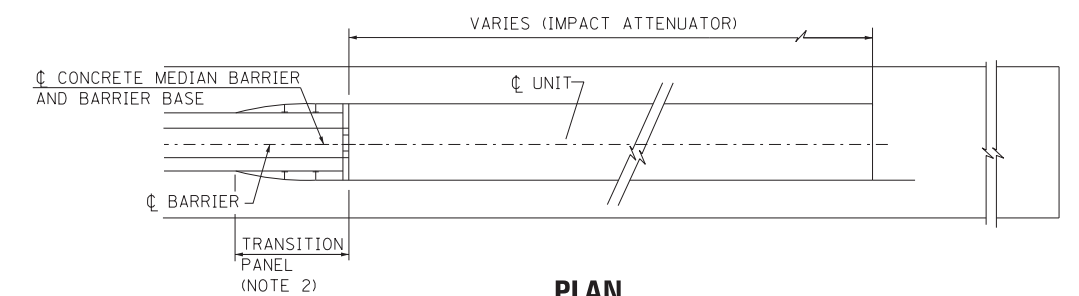
**I-90 EASTBOUND FROM CUMBERLAND AVE TO HARLEM AVE
CONCRETE BARRIER DETAILS - UNDER ORIOLE AVE**

SCALE: N.T.S. SHEET NO. 2 OF 2 SHEETS STA. 3093+72 TO STA. 3094+62

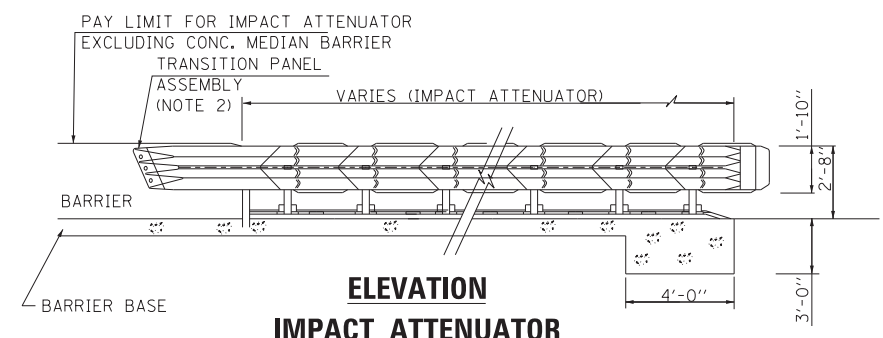
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	557	75
				CONTRACT NO. 60Y38
ILLINOIS FED. AID PROJECT				



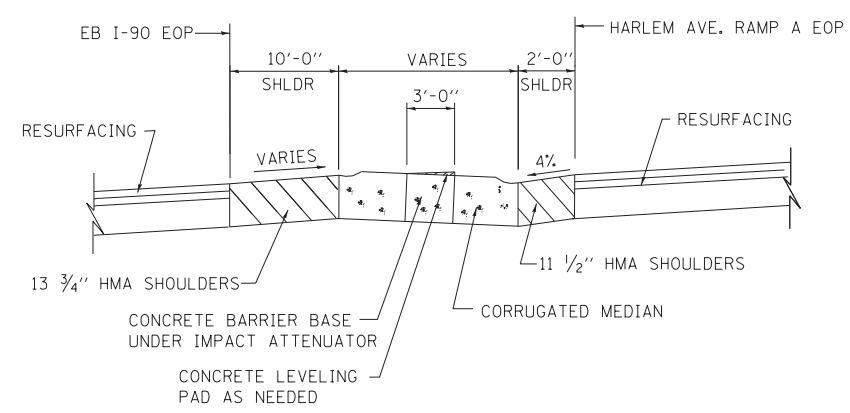
**PLAN
HARLEM AVE. RAMP A**



**PLAN
IMPACT ATTENUATOR**
N.T.S.



**ELEVATION
IMPACT ATTENUATOR**
N.T.S.



SECTION B-B

- 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 \mathbb{B} HARLEM AVE. RAMP A



USER NAME = areoss	DESIGNED BAJ	REVISED - -
	DRAWN BAJ	REVISED -
PLOT SCALE = 1.0000' / in.	CHECKED MAM	REVISED -
PLOT DATE = 4/29/2016	DATE 4/8/2016	REVISED -

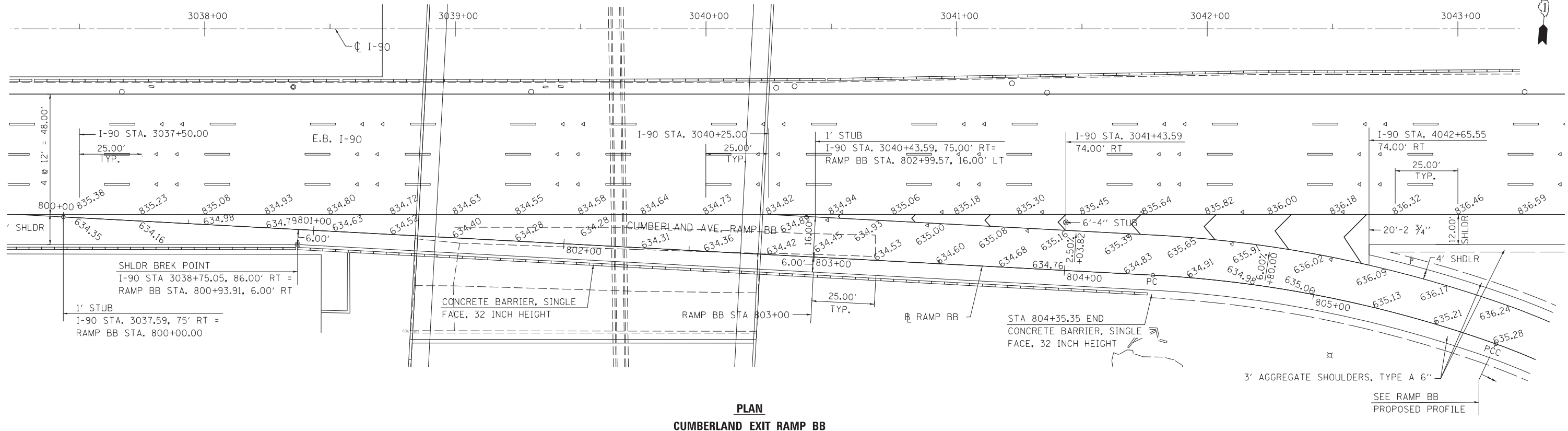
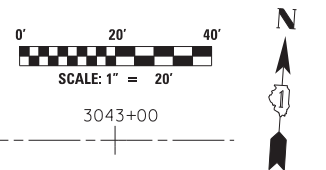
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 EASTBOUND FROM CUMBERLAND AVE TO HARLEM AVE
IMPACT ATTENUATOR DETAIL**

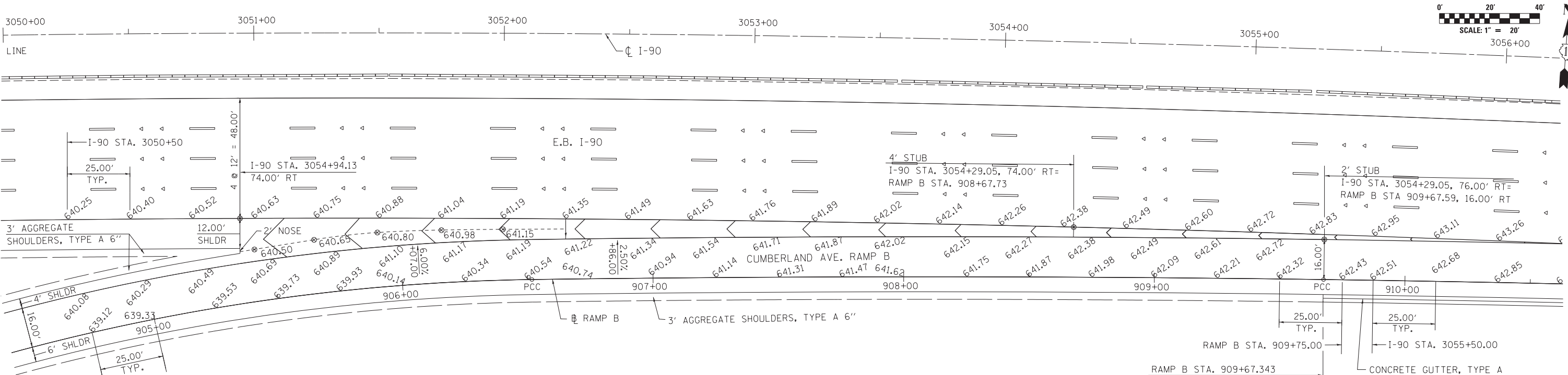
SCALE: NTS SHEET NO. 1 OF 1 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	557	76
			CONTRACT NO. 60Y38	
ILLINOIS FED. AID PROJECT				

PD-06



**PLAN
CUMBERLAND EXIT RAMP BB**



**PLAN
CUMBERLAND ENTRANCE RAMP B**

NOTES:

1. FOR ADDITIONAL PAVEMENT ELEVATIONS IN THIS AREA, SEE I-90 PAVEMENT ELEVATION TABLES
2. FOR CONTINUATION OF RAMP BB ELEVATIONS, SEE PROPOSED RAMP BB PROFILE
3. SEE PROPOSED I-90 AND CUMBERLAND RAMP BB CROSS SECTIONS

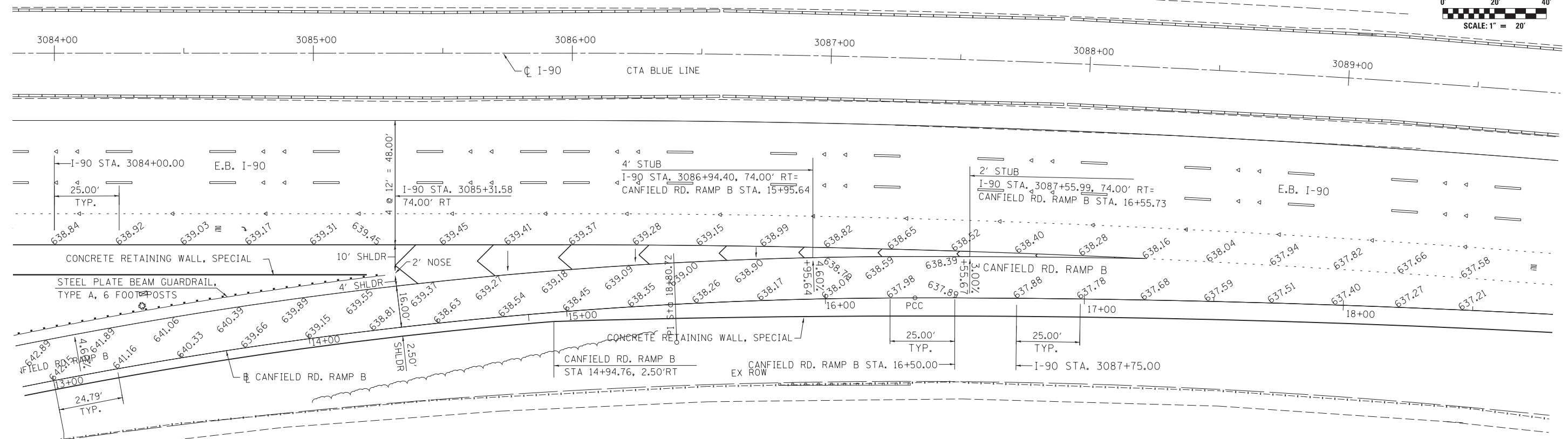


USER NAME = areoss	DESIGNED BAJ	REVISED - -
	DRAWN BAJ	REVISED -
PLOT SCALE = 1:8000' / in.	CHECKED MMK	REVISED -
PLOT DATE = 4/29/2016	DATE 4/8/2016	REVISED -

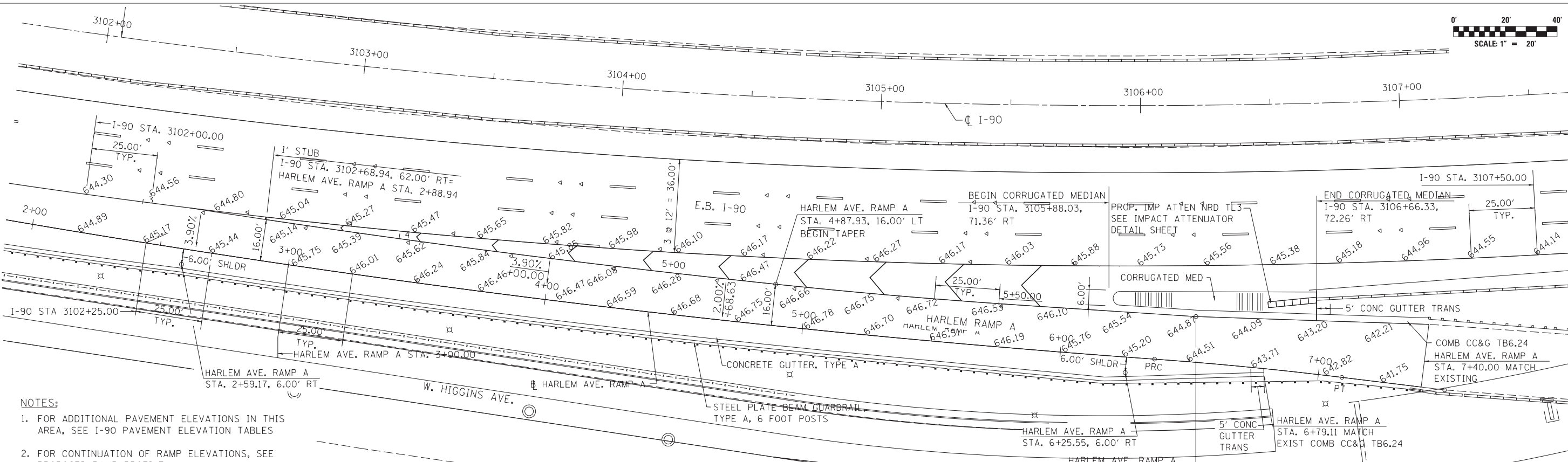
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 EASTBOUND FROM CUMBERLAND AVE TO HARLEM AVE
CUMBERLAND RAMP BB
PAVEMENT ELEVATION PLAN**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	557	77
CONTRACT NO. 60Y38				
ILLINOIS FED. AID PROJECT				



PLAN
E.B. CANFIELD ENTRANCE RAMP



- NOTES:**
- FOR ADDITIONAL PAVEMENT ELEVATIONS IN THIS AREA, SEE I-90 PAVEMENT ELEVATION TABLES
 - FOR CONTINUATION OF RAMP ELEVATIONS, SEE PROPOSED RAMP PROFILE
 - SEE PROPOSED I-90, CUMBERLAND RAMP B AND E.B. CANFIELD ENTRANCE RAMP CROSS SECTIONS

PLAN
HARLEM EXIT RAMP A



USER NAME = areoss	DESIGNED BAJ	REVISED - -
	DRAWN BAJ	REVISED -
PLOT SCALE = 1.0000' / in.	CHECKED MM	REVISED -
PLOT DATE = 4/29/2016	DATE 4/8/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 EASTBOUND FROM CUMBERLAND AVE TO HARLEM AVE
EB CANFIELD ENTRANCE RAMP AND HARLEM AVE. RAMP A
PAVEMENT ELEVATION PLAN

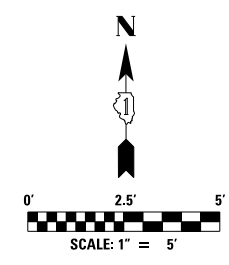
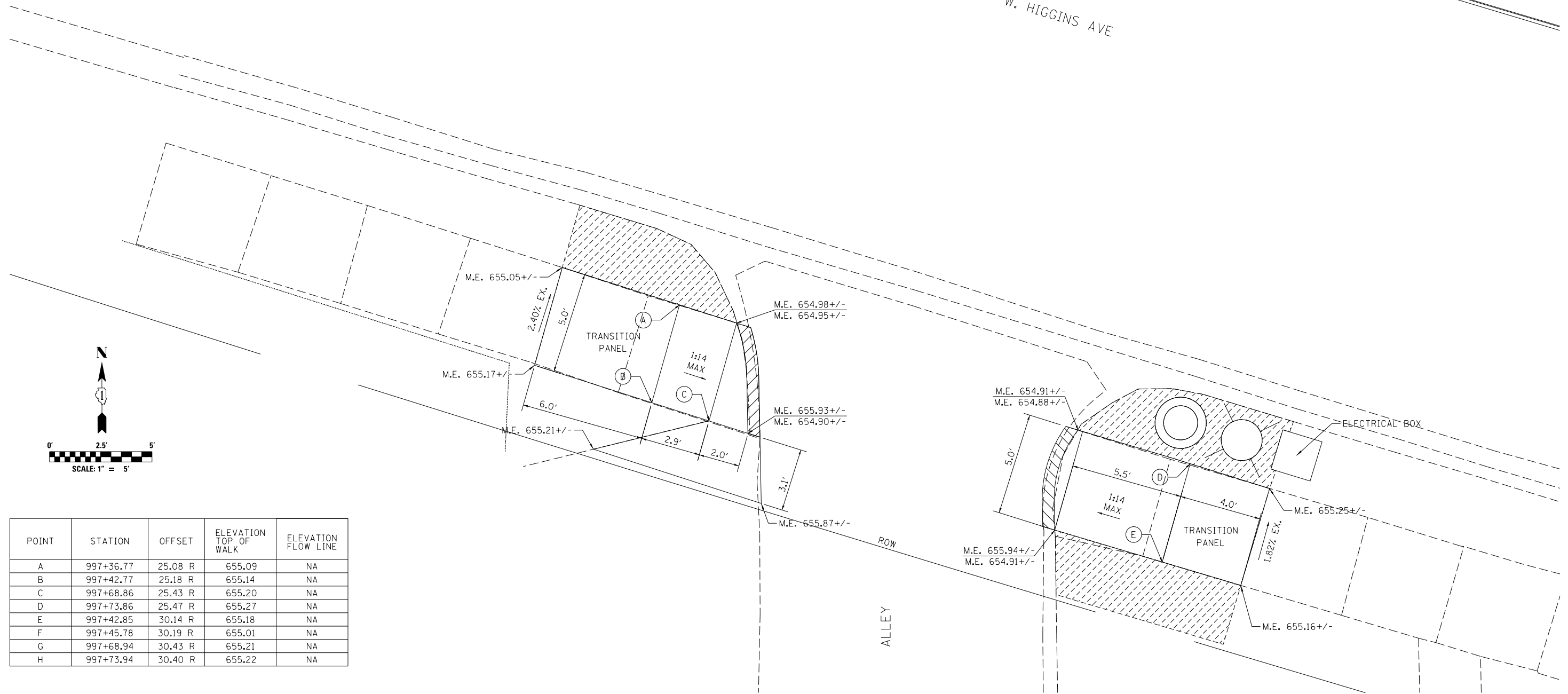
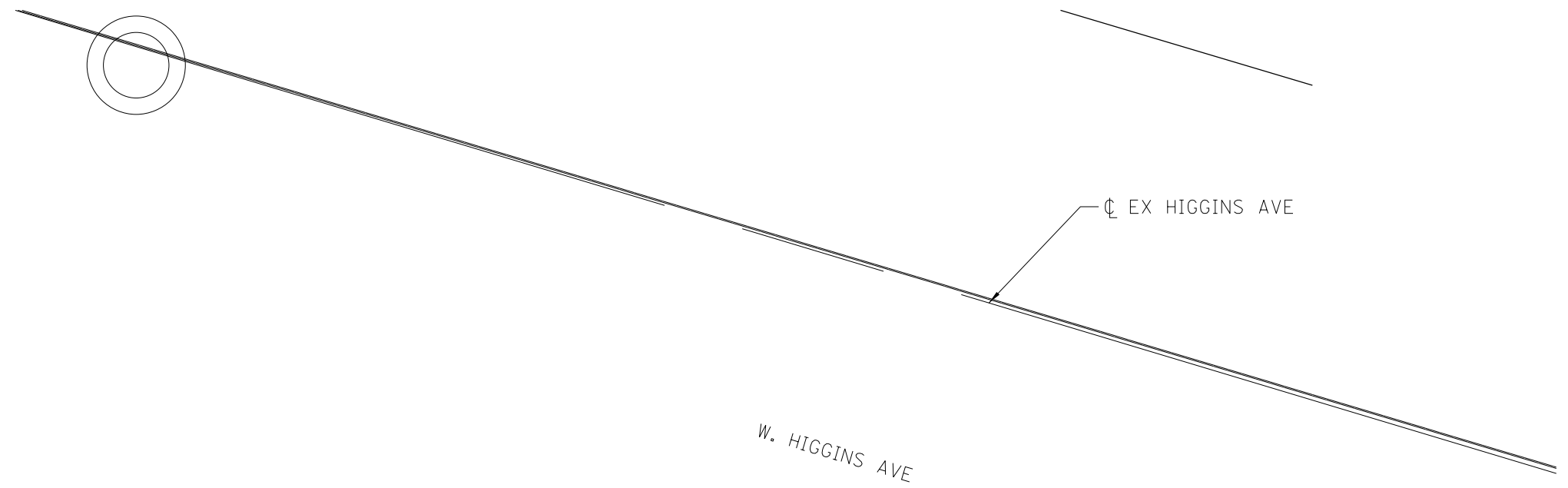
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	557	78
CONTRACT NO. 60Y38				
ILLINOIS FED. AID PROJECT				

I-90 STATION	OFFSET (RT)	EX LANE LT EOP	OFFSET (RT)	EX LANE RT EOP	OFFSET (RT)	PR RT EOP	OFFSET (RT)	PR LT RAMP EOP	OFFSET (RT)	PR RAMP RT EOP	OFFSET (RT)	PR RT SHLDR
3037+50.00	26.00	635.51	62.86	635.66	74.00	635.38	-	-	75.34	635.35	86.00	634.92
3037+75.00	26.00	635.42	62.86	635.51	74.00	635.23	-	-	76.68	635.16	86.00	634.79
3038+00.00	26.00	635.32	62.86	635.36	74.00	635.08	-	-	78.01	634.98	86.00	634.66
3038+25.00	26.00	635.21	62.86	635.21	74.00	634.93	-	-	79.35	634.79	86.00	634.52
3038+50.00	26.00	635.04	62.86	635.08	74.00	634.80	-	-	80.68	634.63	86.69	634.39
3038+75.00	26.00	634.80	62.86	634.99	74.00	634.72	-	-	82.02	634.52	88.03	634.28
3039+00.00	26.00	634.70	62.86	634.91	74.00	634.63	-	-	83.35	634.40	89.36	634.16
3039+25.00	26.00	634.81	62.86	634.83	74.00	634.55	-	-	84.69	634.28	90.70	634.04
3039+50.00	26.00	634.84	62.86	634.85	74.00	634.58	-	-	86.02	634.28	92.03	634.04
3039+75.00	26.00	634.94	62.86	634.92	74.00	634.64	-	-	87.36	634.31	93.37	634.07
3040+00.00	26.00	634.89	62.86	635.01	74.00	634.73	-	-	88.69	634.36	94.70	634.12
3040+25.00	26.00	635.03	62.86	635.10	74.00	634.82	-	-	90.03	634.42	96.04	634.18
3040+50.00	26.00	635.22	62.86	635.22	74.00	634.94	75.34	634.87	91.37	634.48	97.37	634.24
3040+75.00	26.00	635.34	62.86	635.34	74.00	635.06	76.68	634.95	92.70	634.55	98.71	634.31
3041+00.00	26.00	635.45	62.86	635.46	74.00	635.18	78.01	635.02	94.04	634.63	100.04	634.39
3041+25.00	26.00	635.57	62.86	635.58	74.00	635.30	79.35	635.10	95.37	634.70	101.38	634.46
3041+50.00	26.00	635.77	62.89	635.73	74.00	635.45	-	-	-	-	-	-
3041+75.00	26.00	635.92	62.96	635.91	74.00	635.64	-	-	-	-	-	-
3042+00.00	26.00	636.06	63.02	636.09	74.00	635.82	-	-	-	-	-	-
3042+25.00	26.00	636.20	63.09	636.28	74.00	636.00	-	-	-	-	-	-
3042+50.00	26.00	636.40	63.14	636.45	74.00	636.18	-	-	-	-	-	-
3042+75.00	26.00	636.56	63.13	636.59	74.00	636.32	-	-	-	-	86.00	635.84
3043+00.00	26.00	636.71	63.13	636.73	74.00	636.46	-	-	-	-	86.00	635.98
3043+25.00	26.00	636.86	63.12	636.87	74.00	636.59	-	-	-	-	86.00	636.11
3043+50.00	26.00	637.00	63.14	637.00	74.00	636.73	-	-	-	-	86.00	636.25
3043+75.00	26.00	637.13	63.17	637.13	74.00	636.86	-	-	-	-	86.00	636.38
3044+00.00	26.00	637.27	63.21	637.26	74.00	636.99	-	-	-	-	86.00	636.51
3044+25.00	26.00	637.40	63.25	637.39	74.00	637.12	-	-	-	-	86.00	636.64
3044+50.00	26.00	637.53	63.27	637.50	74.00	637.23	-	-	-	-	86.00	636.75
3044+75.00	26.00	637.64	63.20	637.63	74.00	637.36	-	-	-	-	86.00	636.88
3045+00.00	26.00	637.74	63.12	637.76	74.00	637.49	-	-	-	-	86.00	637.01
3045+25.00	26.00	637.85	63.05	637.89	74.00	637.62	-	-	-	-	86.00	637.14
3045+50.00	26.00	638.01	62.98	638.02	74.00	637.75	-	-	-	-	86.00	637.27
3045+75.00	26.00	638.15	62.92	638.16	74.00	637.88	-	-	-	-	86.00	637.40
3046+00.00	26.00	638.29	62.86	638.29	74.00	638.02	-	-	-	-	86.00	637.54
3046+25.00	26.00	638.43	62.80	638.43	74.00	638.15	-	-	-	-	86.00	637.67
3046+50.00	26.00	638.55	62.77	638.56	74.00	638.28	-	-	-	-	86.00	637.80
3046+75.00	26.00	638.68	62.82	638.67	74.00	638.40	-	-	-	-	86.00	637.92
3047+00.00	26.00	638.81	62.86	638.79	74.00	638.51	-	-	-	-	86.00	638.03
3047+25.00	26.00	638.94	62.90	638.90	74.00	638.63	-	-	-	-	86.00	638.15
3047+50.00	26.00	639.07	62.94	639.03	74.00	638.75	-	-	-	-	86.00	638.27
3047+75.00	26.00	639.21	62.98	639.17	74.00	638.89	-	-	-	-	86.00	638.41
3048+00.00	26.00	639.35	63.03	639.31	74.00	639.04	-	-	-	-	86.00	638.56
3048+25.00	26.00	639.49	63.07	639.46	74.00	639.18	-	-	-	-	86.00	638.70
3048+50.00	26.00	639.64	63.12	639.59	74.00	639.32	-	-	-	-	86.00	638.84
3048+75.00	26.00	639.77	63.18	639.70	74.00	639.43	-	-	-	-	86.00	638.95
3049+00.00	26.00	639.92	63.21	639.81	74.00	639.54	-	-	-	-	86.00	639.06
3049+25.00	26.00	640.06	63.19	639.92	74.00	639.65	-	-	-	-	86.00	639.17
3049+50.00	26.00	640.21	63.18	640.05	74.00	639.78	-	-	-	-	86.00	639.30
3049+75.00	26.00	640.34	63.18	640.21	74.00	639.93	-	-	-	-	86.00	639.45
3050+00.00	26.00	640.48	63.13	640.36	74.00	640.09	-	-	-	-	86.00	639.61
3050+25.00	26.00	640.61	63.03	640.52	74.00	640.25	-	-	-	-	86.00	639.77
3050+50.00	26.00	640.75	62.90	640.67	74.00	640.40	-	-	-	-	86.00	639.92
3050+75.00	26.00	640.88	62.94	640.79	74.00	640.52	-	-	-	-	86.00	640.04
3051+00.00	26.00	641.02	62.91	640.91	74.00	640.63	-	-	-	-	-	-
3051+25.00	26.00	641.16	62.84	641.03	74.00	640.75	-	-	-	-	-	-
3051+50.00	26.00	641.30	62.78	641.16	74.00	640.88	-	-	-	-	-	-
3051+75.00	26.00	641.44	62.77	641.32	74.00	641.04	-	-	-	-	-	-
3052+00.00	26.00	641.57	62.75	641.47	74.00	641.19	-	-	-	-	-	-
3052+25.00	26.00	641.71	62.74	641.63	74.00	641.35	82.05	641.21	98.05	640.66	104.06	640.42
3052+50.00	26.00	641.84	62.73	641.77	74.00	641.49	81.56	641.26	97.56	640.86	103.56	640.62
3052+75.00	26.00	641.95	62.71	641.91	74.00	641.63	81.06	641.46	97.06	641.06	103.06	640.82
3053+00.00	26.00	642.06	62.70	642.04	74.00	641.76	80.56	641.64	96.57	641.24	102.57	641.00
3053+25.00	26.00	642.18	62.69	642.18	74.00	641.89	80.07	641.80	96.07	641.40	102.07	641.16
3053+50.00	26.00	642.29	62.67	642.31	74.00	642.02	79.57	641.96	95.57	641.56	101.57	641.32
3053+75.00	26.00	642.43	62.66	642.43	74.00	642.14	79.07	642.10	95.08	641.70	101.08	641.46
3054+00.00	26.00	642.58	62.65	642.55	74.00	642.26	78.58	642.22	94.58	641.82	100.58	641.58
3054+25.00	26.00	642.73	62.63	642.66	74.00	642.38	78.08	642.33	94.08	641.93	100.08	641.69
3054+50.00	26.00	642.87	62.62	642.77	74.00	642.49	77.58	642.44	93.59	642.04	99.59	641.80
3054+75.00	26.00	642.98	62.61	642.89	74.00	642.60	77.09	642.55	93.09	642.15	99.09	641.91
3055+00.00	26.00	643.09	62.59	643.00	74.00	642.72	76.59	642.66	92.59	642.26	98.60	642.02
3055+25.00	26.00	643.21	62.58	643.11	74.00	642.82	76.10	642.78	92.10	642.38	98.10	642.14
3055+50.00	26.00	643.37	62.57	643.24	74.00	642.95	-	-	91.60	642.51	97.60	642.27
3055+75.00	26.00	643.55	62.55	643.39	74.00	643.11	-	-	91.11	642.68	97.11	642.44

I-90 STATION	OFFSET (RT)	EX LANE LT EOP	OFFSET (RT)	EX LANE RT EOP	OFFSET (RT)	PR RT EOP	OFFSET (RT)	PR LT RAMP EOP	OFFSET (RT)	PR RAMP RT EOP	OFFSET (RT)	PR RT SHLDR
3056+00.00	26.00	643.72	62.54	643.55	74.00	643.26	-	-	90.61	642.85	96.61	642.61
3056+25.00	26.00	643.88	62.53	643.70	74.00	643.42	-	-	90.11	643.02	96.12	642.78
3056+50.00	26.00	644.02	62.51	643.84	74.00	643.56	-	-	89.62	643.17	95.62	642.93
3056+75.00	26.00	644.14	62.50	643.97	74.00	643.68	-	-	89.12	643.30	95.12	643.06
3057+00.00	26.00	644.25	62.49	644.08	74.00	643.79	-	-	88.62	643.43	94.63	643.19
3057+25.00	26.00	644.37	62.47	644.20	74.00	643.91	-	-	88.13	643.56	94.13	643.32
3057+50.00	26.00	644.50	62.46	644.33	74.00	644.04	-	-	87.63	643.70	93.63	643.46
3057+75.00	26.00	644.64	62.45	644.50	74.00	644.21	-	-	87.14	643.88	93.14	643.64
3058+00.00	26.00	644.79	62.43	644.67	74.00	644.38	-	-	86.64	644.07	92.64	643.83
3058+25.00	26.00	644.95	62.42	644.84	74.00	644.55	-	-	86.14	644.24	92.15	644.00
3058+50.00	26.00	645.10	62.41	644.99	74.00	644.70	-	-	85.65	644.41	91.65	644.17
3058+75.00	26.00	645.23	62.39	645.13	74.00	644.84	-	-	85.15	644.56	91.15	644.32
3059+00.00	26.00	645.33	62.38	645.26	74.00	644.97	-	-	84.65	644.70	90.66	644.46
3059+25.00	26.00	645.44	62.37	645.39	74.00	645.10	-	-	84.16	644.85	90.16	644.61
3059+50.00	26.00	645.58	62.35	645.52	74.00	645.23	-	-	83.66	644.99	89.66	644.75
3059+75.00	26.00	645.72	62.34	645.64	74.00	645.35	-	-	83.17	645.12	89.17	644.88
3060+00.00	26.00	645.87	62.33	645.76	74.00	645.47	-	-	82.67	645.25	88.67	645.01
3060+25.00	26.00	646.02	62.31	645.87	74.00	645.58	-	-	82.17			

I-90 STATION	OFFSET (RT)	EX LANE LT EOP	OFFSET (RT)	EX LANE RT EOP	OFFSET (RT)	PR RT EOP	OFFSET (RT)	PR LT RAMP EOP	OFFSET (RT)	PR RT RAMP EOP	OFFSET (RT)	PR RT SHLDR
3074+50.00	26.00	634.85	62.19	634.89	70.00	634.70	-	-	-	-	81.27	634.25
3074+75.00	26.00	634.95	62.26	634.97	70.00	634.77	-	-	-	-	79.82	634.38
3075+00.00	26.00	635.04	62.27	635.04	70.00	634.85	-	-	-	-	78.32	634.52
3075+25.00	26.00	635.13	62.23	635.12	70.00	634.92	-	-	-	-	76.77	634.65
3075+50.00	26.00	635.23	62.19	635.21	70.00	635.01	-	-	-	-	76.16	634.76
3075+75.00	26.00	635.33	62.15	635.31	70.00	635.11	-	-	-	-	76.08	634.87
3076+00.00	26.00	635.43	62.07	635.41	70.00	635.21	-	-	-	-	84.00	634.65
3076+25.00	26.00	635.53	62.00	635.51	70.33	635.30	-	-	-	-	84.00	634.75
3076+50.00	26.00	635.63	62.03	635.61	70.67	635.40	-	-	-	-	84.00	634.87
3076+75.00	26.00	635.73	62.10	635.71	71.00	635.49	-	-	-	-	84.00	634.97
3077+00.00	26.00	635.83	62.17	635.82	71.33	635.59	-	-	-	-	84.00	635.08
3077+25.00	26.00	635.94	62.24	635.92	71.67	635.68	-	-	-	-	84.00	635.19
3077+50.00	26.00	636.05	62.23	636.04	72.00	635.79	-	-	-	-	84.00	635.31
3077+75.00	26.00	636.17	62.11	636.17	72.33	635.92	-	-	-	-	84.00	635.45
3078+00.00	26.00	636.30	61.99	636.31	72.67	636.04	-	-	-	-	84.00	635.59
3078+25.00	26.00	636.41	61.87	636.45	73.00	636.17	-	-	-	-	84.00	635.73
3078+50.00	26.00	636.51	61.81	636.57	73.33	636.28	-	-	-	-	84.00	635.85
3078+75.00	26.00	636.61	61.82	636.68	73.67	636.38	-	-	-	-	84.00	635.97
3079+00.00	26.00	636.71	61.84	636.79	74.00	636.48	-	-	-	-	84.00	636.08
3079+25.00	26.00	636.80	61.85	636.89	74.00	636.59	-	-	-	-	84.00	636.19
3079+50.00	26.00	636.94	61.85	637.00	74.00	636.69	-	-	-	-	84.00	636.29
3079+75.00	26.00	637.07	61.82	637.10	74.00	636.79	-	-	-	-	84.00	636.39
3080+00.00	26.00	637.18	61.78	637.20	74.00	636.89	-	-	-	-	84.00	636.49
3080+25.00	26.00	637.30	61.75	637.30	74.00	636.99	-	-	-	-	84.00	636.59
3080+50.00	26.00	637.41	61.74	637.41	74.00	637.10	-	-	-	-	84.00	636.70
3080+75.00	26.00	637.51	61.74	637.53	74.00	637.22	-	-	-	-	84.00	636.82
3081+00.00	26.00	637.61	61.73	637.64	74.00	637.34	-	-	-	-	84.00	636.94
3081+25.00	26.00	637.71	61.73	637.76	74.00	637.45	-	-	-	-	84.00	637.05
3081+50.00	26.00	637.84	61.72	637.89	74.00	637.58	-	-	-	-	84.00	637.18
3081+75.00	26.00	638.01	61.69	638.03	74.00	637.72	-	-	-	-	84.00	637.32
3082+00.00	26.00	638.17	61.67	638.18	74.00	637.87	-	-	-	-	84.00	637.47
3082+25.00	26.00	638.34	61.64	638.32	74.00	638.01	-	-	-	-	84.00	637.61
3082+50.00	26.00	638.49	61.64	638.46	74.00	638.15	-	-	-	-	84.00	637.75
3082+75.00	26.00	638.60	61.67	638.61	74.00	638.30	-	-	-	-	84.00	637.90
3083+00.00	26.00	638.71	61.70	638.75	74.00	638.44	-	-	-	-	84.00	638.04
3083+25.00	26.00	638.83	61.73	638.89	74.00	638.59	-	-	-	-	84.00	638.19
3083+50.00	26.00	638.95	61.75	639.00	74.00	638.69	-	-	-	-	84.00	638.29
3083+75.00	26.00	639.07	61.76	639.07	74.00	638.77	-	-	-	-	84.00	638.37
3084+00.00	26.00	639.19	61.77	639.15	74.00	638.84	-	-	-	-	84.00	638.44
3084+25.00	26.00	639.31	61.78	639.23	74.00	638.92	-	-	-	-	84.00	638.52
3084+50.00	26.00	639.42	61.70	639.34	74.00	639.03	-	-	-	-	84.00	638.63
3084+75.00	26.00	639.51	61.56	639.48	74.00	639.17	-	-	-	-	84.00	638.77
3085+00.00	26.00	639.61	61.41	639.63	74.00	639.31	-	-	-	-	84.00	638.91
3085+25.00	26.00	639.70	61.26	639.77	74.00	639.45	-	-	-	-	84.00	639.05
3085+50.00	26.00	639.77	61.64	639.76	74.00	639.45	-	-	-	-	-	-
3085+75.00	26.00	639.83	62.15	639.71	74.00	639.41	-	-	-	-	-	-
3086+00.00	26.00	639.85	62.66	639.66	74.00	639.37	83.53	639.17	99.58	638.44	102.43	638.31
3086+25.00	26.00	639.88	63.08	639.61	74.00	639.28	81.77	639.08	97.80	638.34	101.72	638.16
3086+50.00	26.00	639.82	63.25	639.47	74.00	639.15	80.22	638.99	96.25	638.26	101.00	638.04
3086+75.00	26.00	639.77	63.26	639.31	74.00	638.99	78.89	638.89	94.91	638.16	100.29	637.91
3087+00.00	26.00	639.72	63.14	639.15	74.00	638.82	77.77	638.78	93.78	638.07	99.57	637.80
3087+25.00	26.00	639.67	62.89	638.98	74.00	638.65	76.87	638.59	92.87	637.98	98.86	637.73
3087+50.00	26.00	639.59	62.92	638.85	74.00	638.52	76.14	638.39	92.14	637.89	98.15	637.65
3087+75.00	26.00	639.51	62.93	638.74	74.00	638.40	-	-	91.43	637.88	97.43	637.64
3088+00.00	26.00	639.41	62.88	638.62	74.00	638.28	-	-	90.71	637.78	96.72	637.54
3088+25.00	26.00	639.27	62.83	638.49	74.00	638.16	-	-	90.00	637.68	96.00	637.44
3088+50.00	26.00	639.14	62.77	638.38	74.00	638.04	-	-	89.29	637.59	95.29	637.35
3088+75.00	26.00	639.02	62.72	638.28	74.00	637.94	-	-	88.57	637.51	94.57	637.27
3089+00.00	26.00	638.90	62.66	638.15	74.00	637.82	-	-	87.86	637.40	93.86	637.16
3089+25.00	26.00	638.77	62.61	638.00	74.00	637.66	-	-	87.14	637.27	93.15	637.03
3089+50.00	26.00	638.64	62.56	637.92	74.00	637.58	-	-	86.43	637.20	92.43	636.96
3089+75.00	26.00	638.51	62.50	637.80	74.00	637.45	-	-	85.71	637.10	91.72	636.86
3090+00.00	26.00	638.38	62.45	637.67	74.00	637.32	-	-	85.00	636.99	91.00	636.75
3090+25.00	26.00	638.24	62.39	637.53	74.00	637.18	-	-	84.28	636.88	90.29	636.64
3090+50.00	26.00	638.13	62.34	637.45	74.00	637.10	-	-	83.57	636.82	89.57	636.58
3090+75.00	26.00	638.02	62.28	637.32	74.00	636.97	-	-	82.85	636.70	88.86	636.46
3091+00.00	26.00	637.91	62.23	637.21	74.00	636.85	-	-	82.14	636.61	88.14	636.37
3091+25.00	26.00	637.80	62.17	637.09	74.00	636.74	-	-	81.43	636.51	87.43	636.27
3091+50.00	26.00	637.67	62.12	636.97	74.00	636.62	-	-	80.71	636.41	86.71	636.17
3091+75.00	26.00	637.53	62.07	636.85	74.00	636.49	-	-	80.00	636.31	86.00	636.07
3092+00.00	26.00	637.44	62.01	636.73	74.00	636.37	-	-	79.28	636.21	85.29	635.97
3092+25.00	26.00	637.36	61.96	636.64	74.00	636.28	-	-	78.57	636.14	84.57	635.90
3092+50.00	26.00	637.26	61.90	636.68	74.00	636.32	-	-	77.86	636.20	83.90	635.96
3092+75.00	26.00	637.13	61.85	636.65	74.00	636.33	-	-	77.14	636.25	84.00	635.98

I-90 STATION	OFFSET (RT)	EX LANE LT EOP	OFFSET (RT)	EX LANE RT EOP	OFFSET (RT)	PR RT EOP	OFFSET (RT)	PR LT RAMP EOP	OFFSET (RT)	PR RT RAMP EOP	OFFSET (RT)	PR RT SHLDR
3093+00.00	26.00	637.01	61.82	636.60	74.00	636.30	-	-	76.43	636.24	84.00	635.94
3093+25.00	26.00	636.85	61.83	636.55	74.00	636.25	-	-	75.71	636.21	84.95	635.84
3093+50.00	26.00	636.71	61.84	636.48	74.00	636.18	-	-	75.00	636.15	87.34	635.65
3093+75.00	26.00	636.61	61.85	636.38	74.00	636.07	-	-	-	-	84.00	635.67
3094+00.00	26.00	636.50	61.86	636.27	74.00	635.97	-	-	-	-	84.00	635.57
3094+25.00	26.00	636.39	61.86	636.17	74.00	635.86	-	-	-	-	84.00	635.46
3094+50.00	26.00	636.30	61.87	636.12	74.00	635.81	-	-	-	-	84.00	635.41
3094+75.00	26.00	636.34	61.88	636.17	74.00	635.86	-	-	-	-	88.20	635.29
3095+00.00	26.00	636.36	61.89	636.22	74.00	635.92	-	-	-	-	85.66	635.45
3095+25.00	26.00	636.39	61.90	636.27	74.00	635.96	-	-	-	-	84.00	635.56
3095+50.00	26.00	636.48	61.92	636.40	74.00	636.09	-	-	-	-	84.00	635.69
3095+75.00	26.00	636.61	61.95	636.59	74.00	636.28	-	-	-	-	84.00	635.88
3096+00.00	26.00	636.74	61.97	636.78	74.00	636.48	-	-	-	-	84.00	636.08
3096+25.00	26.00	636.86	62.00	636.97	74.00	636.67	-	-	-	-	84.00	636.27
3096+50.00	26.00	637.07	62.05	637.27	74.00	636.97	-	-	-	-	84.00	636.57
3096+75.00	26.00	637.35	62.10	637.65	74.00	637.36	-	-	-	-	84.00	636.96
3097+00.00	26.00	637.62	62.15	638.03	74.00	637.87	-	-	-	-	84.00	637.47
3097+25.00	26.00	637.89	62.21	638.41	74.00	638.39	-	-	-	-	84.00	637.99
3097+50.00	26.00	638.16	62.21	638.81	74.00	638.90	-	-	-	-	84.00	638.50
3097+75.00	26.00	638.44	62.20	639.23	74.00							



POINT	STATION	OFFSET	ELEVATION TOP OF WALK	ELEVATION FLOW LINE
A	997+36.77	25.08 R	655.09	NA
B	997+42.77	25.18 R	655.14	NA
C	997+68.86	25.43 R	655.20	NA
D	997+73.86	25.47 R	655.27	NA
E	997+42.85	30.14 R	655.18	NA
F	997+45.78	30.19 R	655.01	NA
G	997+68.94	30.43 R	655.21	NA
H	997+73.94	30.40 R	655.22	NA



USER NAME = areoss	DESIGNED TJS	REVISED -
	DRAWN TJS	REVISED -
PLOT SCALE = 2.5000' / in.	CHECKED JG	REVISED -
PLOT DATE = 6/8/2016	DATE 5/6/2016	REVISED -

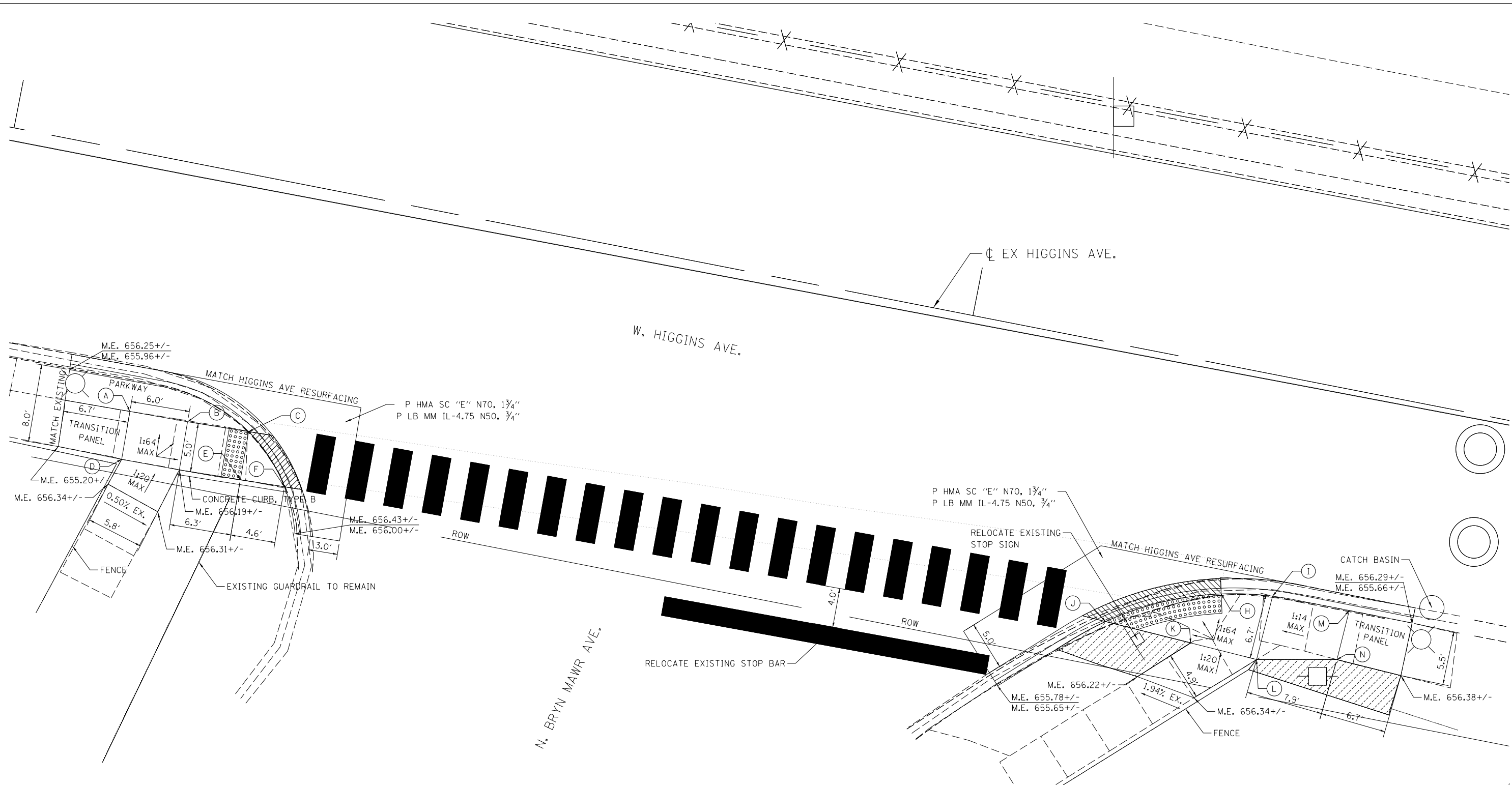
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 EASTBOUND FROM CUMBERLAND AVE TO HARLEM AVE
HIGGINS AVENUE CURB RAMP LAYOUT
HIGGINS AND ALLEY EAST OF ORIOLE AVE

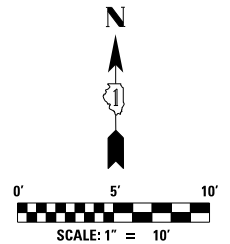
SCALE: 1" = 5' SHEET NO. 1 OF 5 SHEETS STA. 3095+60 TO STA. 3096+30

F.A.I. RTE. 90	SECTION (1517 & 1415) R-3	COUNTY COOK	TOTAL SHEETS 557	SHEET NO. 80A
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y38	

ADA-01



POINT	STATION	OFFSET	ELEVATION TOP OF WALK	ELEVATION FLOW LINE
A	1003+17.21	26.21 R	656.22	NA
B	1003+23.21	26.12 R	656.17	NA
C	1003+29.53	25.90 R	656.09	656.06
D	1003+17.53	31.19 R	656.23	NA
E	1003+29.65	30.90 R	656.12	NA
F	1003+34.22	30.74 R	656.05	656.02



POINT	STATION	OFFSET	ELEVATION TOP OF WALK	ELEVATION FLOW LINE
G	1004+30.41	23.08 R	655.87	655.84
H	1004+35.61	22.30 R	655.95	655.70
I	1004+19.34	28.13 R	655.82	655.79
J	1004+28.33	28.61 R	655.95	NA
K	1004+35.26	28.98 R	655.98	NA
L	1004+43.60	22.24 R	656.23	655.68
M	1004+43.32	27.40 R	656.31	NA



USER NAME = areoss	DESIGNED TS	REVISED -
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PLOT SCALE = 5.0000' / 1"	CHECKED JG	REVISED -
PLOT DATE = 6/8/2016	DATE 5/6/2016	REVISED -

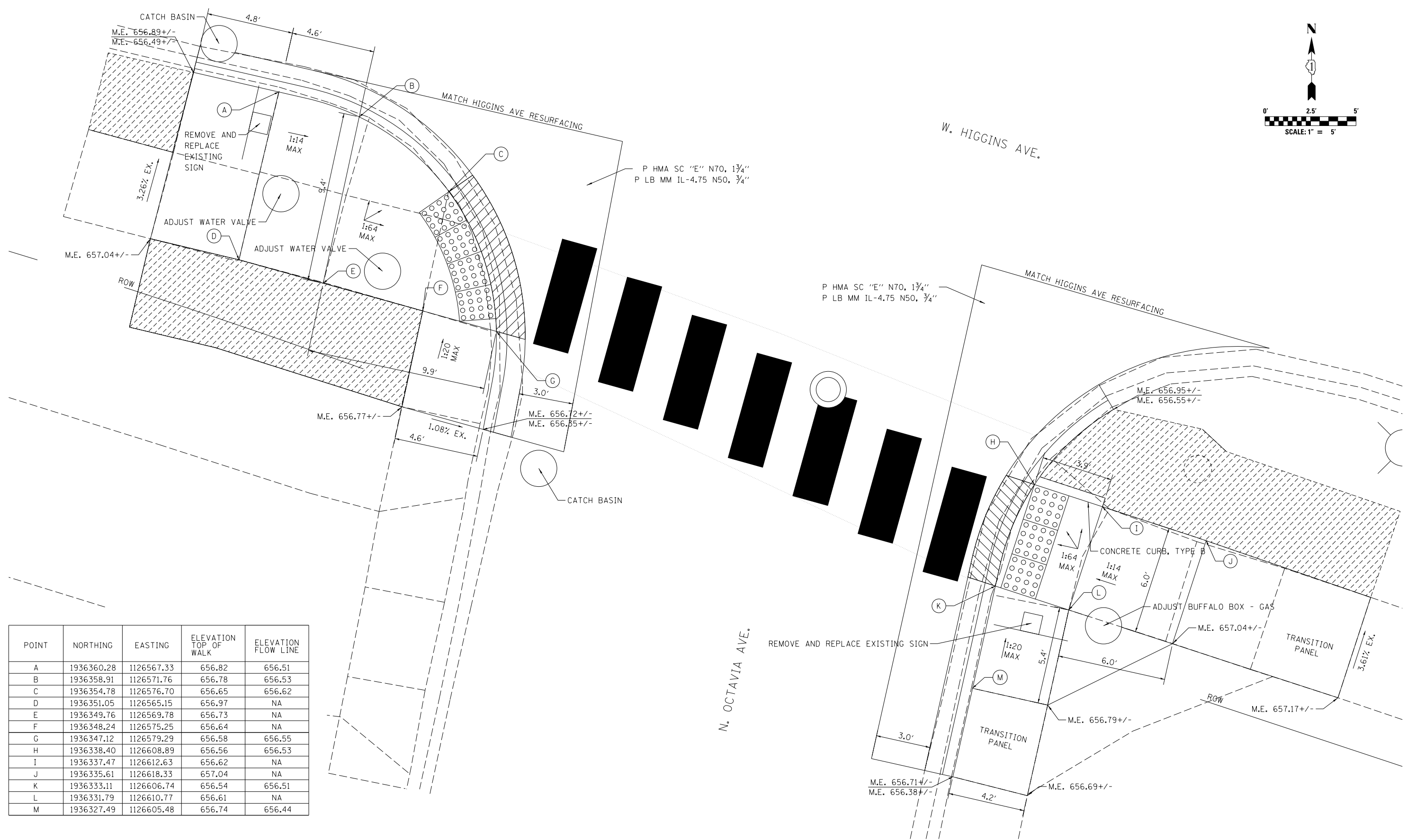
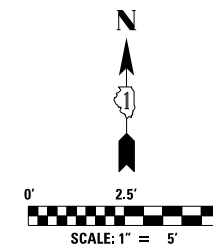
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 EASTBOUND FROM CUMBERLAND AVE TO HARLEM AVE
HIGGINS AVENUE CURB RAMP LAYOUT
HIGGINS AND BRYN MAWR

SCALE: 1" = 10' SHEET NO. 2 OF 5 SHEETS STA. 3101+40 TO STA. 3102+80

F.A.I. RTE. 90	SECTION (1517 & 1415) R-3	COUNTY COOK	TOTAL SHEETS 557	SHEET NO. 80B
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y38	

ADA-02



POINT	NORTHING	EASTING	ELEVATION TOP OF WALK	ELEVATION FLOW LINE
A	1936360.28	1126567.33	656.82	656.51
B	1936358.91	1126571.76	656.78	656.53
C	1936354.78	1126576.70	656.65	656.62
D	1936351.05	1126565.15	656.97	NA
E	1936349.76	1126569.78	656.73	NA
F	1936348.24	1126575.25	656.64	NA
G	1936347.12	1126579.29	656.58	656.55
H	1936338.40	1126608.89	656.56	656.53
I	1936337.47	1126612.63	656.62	NA
J	1936335.61	1126618.33	657.04	NA
K	1936333.11	1126606.74	656.54	656.51
L	1936331.79	1126610.77	656.61	NA
M	1936327.49	1126605.48	656.74	656.44



USER NAME = areoss	DESIGNED TJS	REVISED -
	DRAWN TJS	REVISED -
PLOT SCALE = 2.5000' / in.	CHECKED JG	REVISED -
PLOT DATE = 6/8/2016	DATE 5/6/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

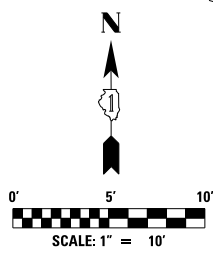
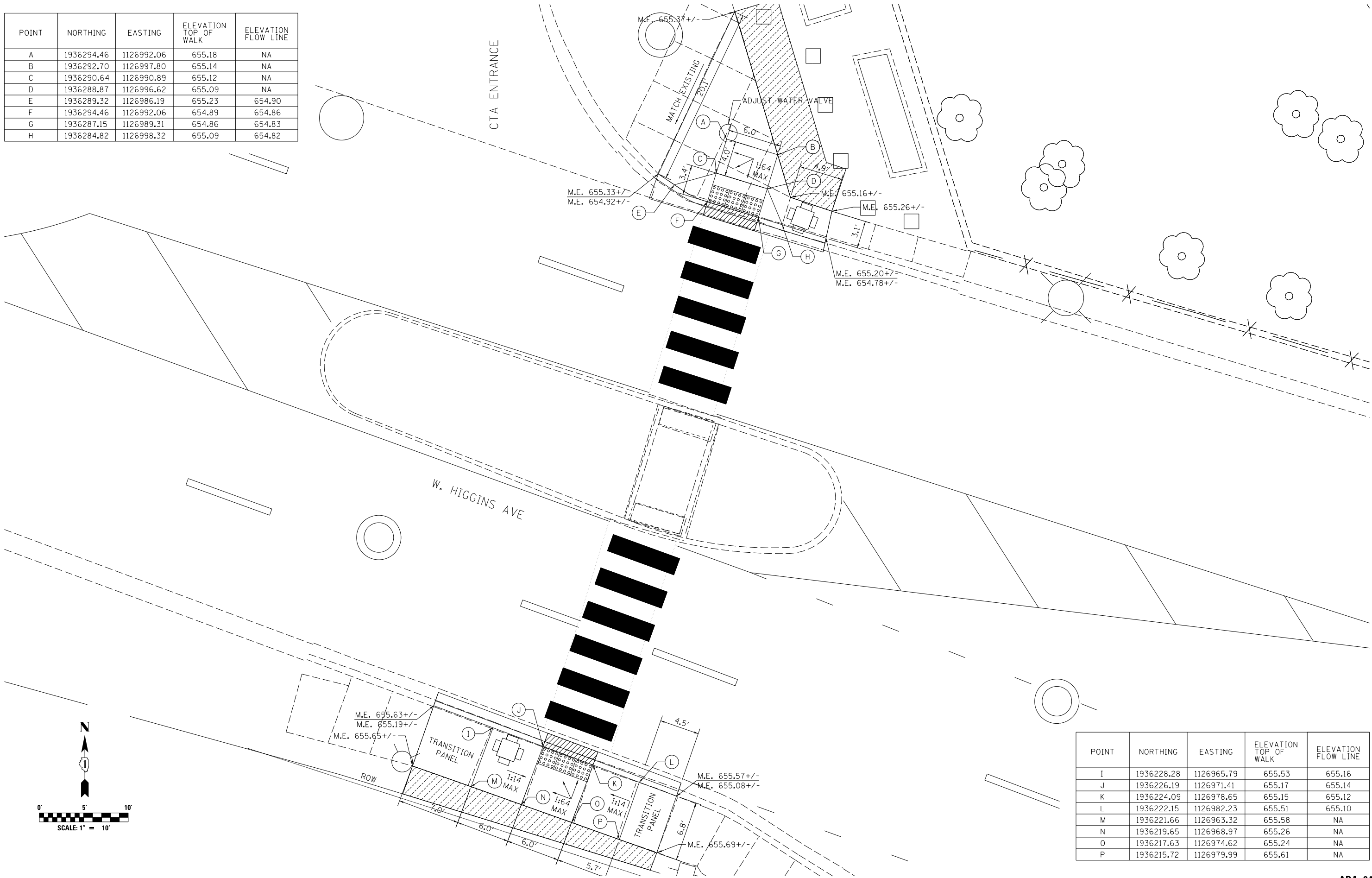
**I-90 EASTBOUND FROM CUMBERLAND AVE TO HARLEM AVE
HIGGINS AVENUE CURB RAMP LAYOUT
HIGGINS AND OCTAVIA**

SCALE: 1" = 5' SHEET NO. 3 OF 5 SHEETS STA. 3112+85 TO STA. 3113+60

F.A.I. RTE. 90	SECTION (1517 & 1415) R-3	COUNTY COOK	TOTAL SHEETS 557	SHEET NO. 80C
			CONTRACT NO. 60Y38	
ILLINOIS FED. AID PROJECT				

ADA-03

POINT	NORTHING	EASTING	ELEVATION TOP OF WALK	ELEVATION FLOW LINE
A	1936294.46	1126992.06	655.18	NA
B	1936292.70	1126997.80	655.14	NA
C	1936290.64	1126990.89	655.12	NA
D	1936288.87	1126996.62	655.09	NA
E	1936289.32	1126986.19	655.23	654.90
F	1936294.46	1126992.06	654.89	654.86
G	1936287.15	1126989.31	654.86	654.83
H	1936284.82	1126998.32	655.09	654.82



POINT	NORTHING	EASTING	ELEVATION TOP OF WALK	ELEVATION FLOW LINE
I	1936228.28	1126965.79	655.53	655.16
J	1936226.19	1126971.41	655.17	655.14
K	1936224.09	1126978.65	655.15	655.12
L	1936222.15	1126982.23	655.51	655.10
M	1936221.66	1126963.32	655.58	NA
N	1936219.65	1126968.97	655.26	NA
O	1936217.63	1126974.62	655.24	NA
P	1936215.72	1126979.99	655.61	NA



USER NAME = areoss	DESIGNED TJS	REVISED -
	DRAWN TJS	REVISED -
PLOT SCALE = 5.0000' / in.	CHECKED JG	REVISED -
PLOT DATE = 6/8/2016	DATE 5/6/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

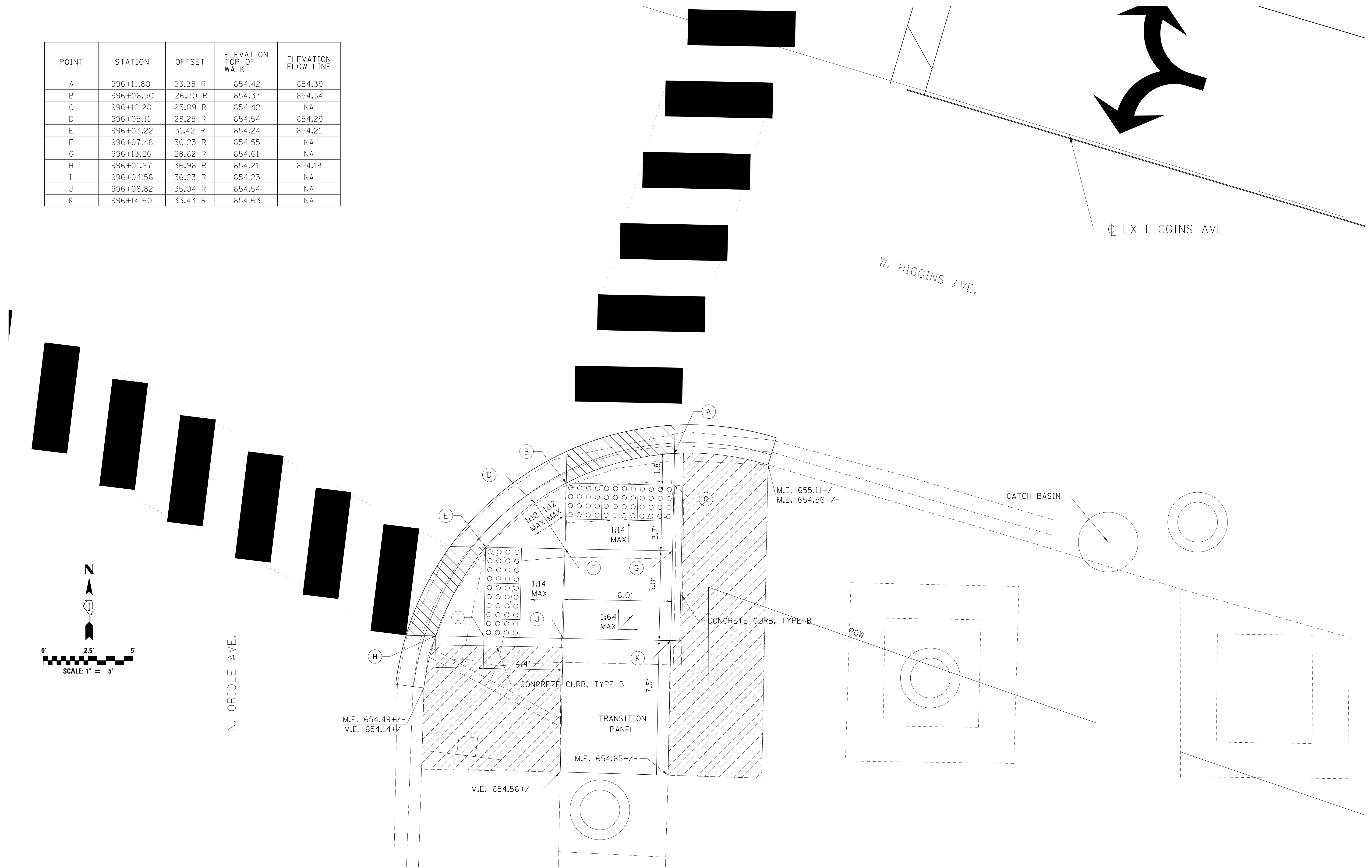
**I-90 EASTBOUND FROM CUMBERLAND AVE TO HARLEM AVE
HIGGINS AVENUE CURB RAMP LAYOUT
HIGGINS AND CTA ENTRANCE**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	557	80D
			CONTRACT NO. 60Y38	
ILLINOIS FED. AID PROJECT				

SCALE: 1" = 10' SHEET NO. 4 OF 5 SHEETS STA. 3032+00 TO STA. 3057+00

ADA-04

POINT	STATION	OFFSET	ELEVATION TOP OF WALK	ELEVATION FLOW LINE
A	996+11.80	23.38 R	654.42	654.39
B	996+06.50	26.70 R	654.37	654.34
C	996+12.28	25.09 R	654.42	NA
D	996+05.11	28.25 R	654.54	654.29
E	996+03.22	31.42 R	654.24	654.21
F	996+07.48	30.23 R	654.55	NA
G	996+13.26	28.62 R	654.61	NA
H	996+01.97	36.96 R	654.21	654.18
I	996+04.56	36.23 R	654.23	NA
J	996+08.82	35.04 R	654.54	NA
K	996+14.60	33.43 R	654.63	NA



USER NAME = areoss	DESIGNED TJS	REVISED -
	DRAWN TJS	REVISED -
PLOT SCALE = 2,5000 ' / in.	CHECKED JG	REVISED -
PLOT DATE = 6/8/2016	DATE 5/6/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 EASTBOUND FROM CUMBERLAND AVE TO HARLEM AVE
HIGGINS AVENUE CURB RAMP LAYOUT
HIGGINS AND ORIOLE**

F.A.I. RTE. 90	SECTION (1517 & 1415) R-3	COUNTY COOK	TOTAL SHEETS 557	SHEET NO. 80E
SCALE: 1" = 5'			SHEET NO. 5 OF 5 SHEETS	
STA. 3094+30 TO STA. 3095+10			CONTRACT NO. 60Y38	
ILLINOIS FED. AID PROJECT				

ADA-05

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. THE WORK REQUIRED TO COMPLY WITH THE MAINTENANCE OF TRAFFIC GENERAL NOTES SHALL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE FOR TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS), EXCEPT FOR PAY ITEMS WHICH HAVE BEEN ESTABLISHED IN THE CONTRACT AND ARE SHOWN ON THE PLANS.
2. EXISTING PAVEMENT MARKINGS AND RAISED REFLECTIVE MARKERS THAT CONFLICT WITH TEMPORARY MARKINGS SHALL BE REMOVED.
3. ALONG RAMP GOSES, WET REFLECTIVE PAVEMENT MARKING TAPE, TYPE III 8" MAY CONSIST OF TWO SEPARATE 4" STRIPS OF WET REFLECTIVE PAVEMENT MARKING TAPE, TYPE III 4".
4. ALL TRAFFIC CONTROL SIGNS AND DEVICES, WORK ZONE PAVEMENT MARKING, TEMPORARY CONCRETE BARRIERS AND ATTENUATORS NECESSARY FOR THE MAINTENANCE OF TRAFFIC, AS SHOWN ON THE PLANS, SHALL BE IN PLACE BEFORE THE START OF ANY CONSTRUCTION STAGE.
5. WET REFLECTIVE TEMPORARY TAPE TYPE III IS SPECIFIED ON ALL STAGING PLANS FOR TEMPORARY PAVEMENT MARKINGS WITHIN THE PROJECT LIMIT.
6. ALL CONSTRUCTION WARNING SIGNS SHALL BE BLACK LEGEND ON ORANGE BACKGROUND. ALL CONSTRUCTION WARNING SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE SHOWN ON THE PLANS.
7. ALL "ROAD CONSTRUCTION AHEAD" WARNING SIGNS SHALL BE EQUIPPED WITH TYPE A MONO-DIRECTIONAL FLASHING LIGHT.
8. THE APPROVAL OF THE ENGINEER SHALL BE REQUIRED FOR ALL TEMPORARY TRAFFIC BARRIER WALL OPENINGS NOT SHOWN ON THE PLANS. THE APPROACH END OF TEMPORARY TRAFFIC BARRIER SHALL BE PROTECTED WITH AN NCHRP 350 APPROVED END TREATMENT. SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS ON I-90 SHALL REQUIRE ADHERANCE TO DISTRICT 1 DETAIL TC-18. THE WORK REQUIRED TO PROVIDE ADDITIONAL TEMPORARY TRAFFIC BARRIER OPENINGS FOR CONTRACTOR'S ACCESS TO WORK AREAS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE FOR TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).
9. THE CONTRACTOR SHALL CONTACT THE ARTERIAL TRAFFIC SUPERVISOR AT 847-705-4470 AND EXPRESSWAY TRAFFIC CONTROL SUPERVISOR AT 847-705-4155 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
10. THE CONTRACTOR SHALL PLACE CHANGEABLE MESSAGE SIGNS TO INFORM MOTORISTS OF UPCOMING CONSTRUCTION ACTIVITIES. THE LOCATION SHALL BE AS DIRECTED BY THE ENGINEER. THE MESSAGE SIGN SHALL BE IN PLACE TWO WEEKS PRIOR TO START OF CONSTRUCTION ACTIVITIES. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CALENDAR MONTH FOR "CHANGEABLE MESSAGE SIGN".
11. DROP OFF BETWEEN TRAVEL LANES ALONG EB I-90 GREATER THAN 1" AND LESS THAN OR EQUAL TO 2" LIFT DIFFERENCE OR GREATER THAN 1" AND LESS THAN OR EQUAL TO 1 1/2" VERTICAL MILLED FACE SHALL REQUIRE UNEVEN LANE SIGNS PLACED ONE HALF MILE APART AS DIRECTED BY THE ENGINEER.
12. BARRIER WALL MARKERS SHALL BE INSTALLED ON BOTH THE FACE OF THE TEMPORARY CONCRETE BARRIER WALL NEXT TO TRAFFIC, AND THE TOP OF SECTIONS OF THE TEMPORARY CONCRETE BARRIER WALL AS SHOWN IN STANDARD 704001. THE COLOR OF THESE REFLECTORS SHALL MATCH THE COLOR OF THE EDGELINES (YELLOW ON THE LEFT AND CRYSTAL OR WHITE ON THE RIGHT). IF THE BASE OF THE TEMPORARY CONCRETE BARRIER WALL IS 12 INCHES OR LESS FROM THE TRAVEL LANE, THEN THE LOWER SLOPE OF THE WALL SHALL ALSO HAVE A 6 INCH WIDE TEMPORARY PAVEMENT MARKING EDGELINE (YELLOW ON THE LEFT AND WHITE ON THE RIGHT). TEMPORARY PAVEMENT MARKING ON THE LOWER SLOPE OF THE TEMPORARY CONCRETE BARRIER WALL WILL BE MEASURED AND PAID FOR AS TEMPORARY PAVEMENT MARKING 6".
13. TRAFFIC CONTROL AND PROTECTION SHALL BE AS SHOWN ON THE PLANS AND IN ACCORDANCE WITH THE APPLICABLE ILLINOIS HIGHWAY STANDARD OR DISTRICT ONE DETAIL FOR THE PROPOSED WORK.
14. WORKERS SIGN SHALL BE USED ONLY WHEN WORKERS ARE PRESENT. FLAGGER SIGN SHALL BE USED ONLY WHEN FLAGGERS ARE PRESENT.
15. ALL LANES (11' MINIMUM) SHALL BE KEPT OPEN TO TRAFFIC DURING NON-WORKING HOURS AND PEAK TRAFFIC VOLUME HOURS AS SPECIFIED IN THE SPECIAL PROVISIONS.
16. ADJUSTMENTS OF DRAINAGE OR UTILITY STRUCTURE FRAME AND LIDS WHICH LIE BETWEEN THE INSIDE SHOULDER AND LANE 1 SHALL BE PAID FOR AS FRAMES AND LIDS TO BE ADJUSTED (SPECIAL). THESE STRUCTURE LIDS SHALL NOT BE ADJUSTED DURING INSIDE SHOULDER RECONSTRUCTION. THESE STRUCTURE LIDS SHALL BE ADJUSTED DURING STAGE 2 MILLING /RESURFACING OPERATIONS TO ENSURE THAT NO PART OF THE STRUCTURE FRAME OR LID EXTENDS UP BEYOND THE PAVEMENT ELEVATION WHEN EXPOSED TO VEHICULAR TRAFFIC DURING MILLING/RESURFACING OPERATIONS.

17. LOCATIONS ARE NOTED ON THE PLANS WHERE TEMPORARY CONCRETE BARRIER (TCB) IS REQUIRED TO BE PINNED TO RESTRAIN THE TEMPORARY CONCRETE WALL FROM MOVEMENT. WHEN TEMPORARY CONCRETE BARRIER IS PINNED, THE WORK SHALL BE IN ACCORDANCE WITH THE BDE SPECIAL PROVISION "TEMPORARY CONCRETE BARRIER (BDE)".
18. WHERE WORK AREAS ARE NOT SEPARATED FROM TRAFFIC BY TEMPORARY CONCRETE BARRIER WALL, WORK ON BOTH SIDES OF THE ROADWAY IN THE SAME DIRECTION, DURING THE SAME TIME PERIOD WILL NOT BE ALLOWED.
19. THE CONTRACTOR WILL BE ALLOWED TO IMPLEMENT TEMPORARY LANE CLOSURES, SHOULDER CLOSURES, RAMP CLOSURES (FULL OR PARTIAL) ACCORDING TO THE APPLICABLE IDOT HIGHWAY STANDARDS AND DISTRICT ONE DETAILS.
20. TEMPORARY LANE CLOSURES ALONG EB I-90 AND EB I-190 WILL BE ALLOWED DURING THE HOURS SPECIFIED IN THE SPECIAL PROVISION "KEEPING THE EXPRESSWAY OPEN TO TRAFFIC".
21. CONTRACTOR SHALL COORDINATE 60Y38 STAGING AND TRAFFIC CONTROL WITH ADJACENT CONTRACTS PER SPECIAL PROVISION "COORDINATION WITH ADJACENT AND/OR OVERLAPPING CONTRACTS". ANY TEMPORARY AND/OR PERMANENT LANE CLOSURES REQUIRED DUE TO TRAFFIC CONTROL AS SHOWN ON THE PLANS SHALL BE COORDINATED WITH ADJACENT CONTRACTS AND APPROVED BY ENGINEER.
22. ALL PAVEMENT MARKING REMOVAL ON PAVEMENT TO BE REMOVED OR RESURFACED SHALL BE PERFORMED WITH GRINDING. ALL PAVEMENT MARKING REMOVAL ON PAVEMENT TO REMAIN FOR FINAL CONDITION SHALL BE PERFORMED WITH A WATER BLASTER. ALL FINAL PAVEMENT MARKING LANE LINES SHALL BE INLAID OR GROOVED IN.
23. "OFF PEAK" CLOSURES LISTED ON THE MOT PLAN SHEETS AND SUGGESTED STAGING SEQUENCE REFER TO ALLOWABLE HOURS LISTED IN THE SPECIAL PROVISION " KEEPING THE EXPRESSWAY OPEN TO TRAFFIC"
24. THE CONTRACTOR SHALL CONTACT PACE DETOUR NOTIFICATION REPRESENTATIVE AT DETOUR@PACEBUS.COM A MINIMUM OF 2 WEEKS PRIOR TO ANY LANE CLOSURES ALONG HIGGINS RD. AND/OR HIGGINS AVE. (BETWEEN CANFIELD RD TO HARLEM AVE) TO ALLOW PACE ENOUGH LEAD TIME TO RE-ROUTE PACE BUS ROUTE#209.
25. CONTRACTOR SHALL BE AWARE THAT COORDINATION MAY BE REQUIRED FOR ONGOING WORK BY OTHERS WITHIN THE PROJECT LIMITS, INCLUDING THE "YOUR NEW BLUE" PROJECT. THIS WORK MAY COINCIDE WITH THIS PROJECT PRESTAGE WORK ALONG THE INSIDE I-90 SHOULDER.
26. CONTRACTOR SHALL CLEAN EXISTING DRAINAGE STRUCTURES IDENTIFIED ON EXISTING DRAINAGE REMOVAL PLANS ALONG THE EB I-90 INSIDE AND OUTSIDE SHOULDERS, AND CONFIRM THE STRUCTURES AND SEWER TO BE FULLY OPERATIONAL, PRIOR TO ANY SHIFT OF TRAFFIC ONTO INSIDE OR OUTSIDE SHOULDER.
27. CONTRACTOR SHALL TACK WELD ALL DRAINAGE/UTILITY STRUCTURE FRAMES/GRATES WITHIN I-90 STAGED TRAFFIC LANES (AND WITHIN 2' OF THE STAGED TRAFFIC LANES) PRIOR TO TRAFFIC SHIFT OVER THE STRUCTURES. ALL TACK WELDS SHALL BE REMOVED AT THE COMPLETION OF THE PROJECT. THE COST OF TACK WELDING IS NOT PAID FOR SEPARATELY, BUT IS INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).

I-90 NON-TRAVERSABLE DROP-OFF CRITERIA:

28. THE OPEN TRAFFIC LANE ADJACENT TO TEMPORARY OR PROPOSED ROADWAY CONSTRUCTION SHALL BE CLOSED TO TRAFFIC DURING CONSTRUCTION WORK THAT RESULTS IN A DROP OFF OF 12" OR GREATER ADJACENT TO THE OPEN TRAFFIC LANE.
29. THE CONTRACTOR SHALL SCHEDULE EXCAVATION AND AGGREGATE SUBGRADE IMPROVEMENT WORK FOR TEMPORARY OR PROPOSED ROADWAY CONSTRUCTION WITHIN THE TIME PERIOD ALLOWED FOR LANE CLOSURES SUCH THAT THE TOP SURFACE OF AGGREGATE SUBGRADE IMPROVEMENT IS LESS THAN 12" BELOW THE ADJACENT LANE PRIOR TO OPENING THE ADJACENT LANE TO TRAFFIC.
30. THE CONTRACTOR SHALL MAINTAIN A DROP-OFF DEPTH OF LESS THAN 12" ADJACENT TO THE LANE OPEN TO TRAFFIC WHEN TEMPORARY CONCRETE BARRIER IS NOT IN PLACE BETWEEN THE LANE OPEN TO TRAFFIC AND A DROP-OFF OF 12" OR GREATER.

I-90 RAMP DROP-OFF CRITERIA:

31. THE OPEN TRAFFIC LANE ADJACENT TO TEMPORARY OR PROPOSED ROADWAY CONSTRUCTION SHALL BE CLOSED TO TRAFFIC DURING CONSTRUCTION WORK THAT RESULTS IN A DROP OFF OF 36" OR GREATER ADJACENT TO THE OPEN TRAFFIC LANE.
32. THE CONTRACTOR SHALL SCHEDULE EXCAVATION AND AGGREGATE SUBGRADE IMPROVEMENT WORK FOR TEMPORARY OR PROPOSED ROADWAY CONSTRUCTION WITHIN THE TIME PERIOD ALLOWED FOR LANE CLOSURES SUCH THAT THE TOP SURFACE OF AGGREGATE SUBGRADE IMPROVEMENT IS LESS THAN 36" BELOW THE ADJACENT LANE PRIOR TO OPENING THE ADJACENT LANE TO TRAFFIC.
33. THE CONTRACTOR SHALL MAINTAIN A DROP-OFF DEPTH OF LESS THAN 36" ADJACENT TO THE LANE OPEN TO TRAFFIC WHEN TEMPORARY CONCRETE BARRIER IS NOT IN PLACE BETWEEN THE LANE OPEN TO TRAFFIC AND A DROP-OFF OF 36" OR GREATER.

DROP-OFF BETWEEN TRAVEL LANES

DROP OFF LOCATION	NORMAL POSTED LIMIT	DROP-OFF DEPTH (D) AND TYPE (IN.)	PHYSICAL TREATMENT (1,2)	ADDITIONAL REQUIREMENT
BETWEEN LANES	>= 45 MPH	<= 1" LIFT DIFFERENCE OR <= 1" VERTICAL MILLED FACE	NONE	NONE
		1"<D<=2" LIFT DIFFERENCE OR 1"<D<=1.5" VERTICAL MILLED FACE	NONE	UNEVEN LANE SIGNS AT 0.5 MILE SPACING ON INTERSTATE I-90
		2"<D<=4" LIFT DIFFERENCE	NOTCHED LONGITUDINAL WEDGE	
BETWEEN LANES	< 45 MPH	<= 1" LIFT DIFFERENCE OR <=1.5" VERTICAL MILLED FACE	NONE	NONE
		1"<D<=2.5" LIFT DIFFERENCE	NONE	
		1.5"<D<=4" VERTICAL MILLED FACE	TEMPORARY WEDGE OR MILLED SLOPED EDGE MIN. 1:3	UNEVEN LANE SIGNS

1) PLACE CHANNELIZING DEVICES AT SAME LEVEL AS TRAVELLING LANE.

2) CHANNELIZING DEVICES MAY BE PLACED AT THE DROP-OFF ELEVATION TO PRESERVE LANE WIDTH, RAISE THE REFLECTIVE AREA AND WARNING LIGHT (IF REQUIRED) TO THE ELEVATION ABOVE TRAVELLING LANE AS REQUIRED BY THE HIGHWAY STANDARD 701901.

 exp U.S. Services Inc. <small>Chicago, IL</small> BUILDINGS EARTH & ENVIRONMENT ENERGY INDUSTRIAL INFRASTRUCTURE SUSTAINABILITY	USER NAME = mohamma	DESIGNED MM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90 EASTBOUND FROM CUMBERLAND AVE TO HARLEM AVE SUGGESTED STAGING AND TRAFFIC CONTROL MAINTENANCE OF TRAFFIC GENERAL NOTES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 2.0000' / in.	CHECKED KA	REVISED -		90	(1517 & 1415) R-3	COOK	557	81			
	PLOT DATE = 6/20/2016	DATE 5/6/2016	REVISED -		CONTRACT NO. 60Y38							
					SCALE: 1" = 50'	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.		ILLINOIS FED. AID PROJECT		

SUGGESTED STAGING AND TRAFFIC CONTROL

PRE-STAGE

CONSTRUCTION

SUB-STAGE A:

1. REMOVE AND RESURFACE EB I-90 MAINLINE OUTSIDE SHOULDER RUMBLE STRIPS FROM STA. 3041+40 TO STA. 3118+25.
2. WIDEN EB I-90 OUTSIDE SHOULDER, CUMBERLAND AVE RAMP B AND RAMP B PAVEMENT AT LOCATIONS IDENTIFIED ON THE PLANS.
3. INSTALL TEMPORARY LIGHTING AS SHOWN ON THE PLANS PRIOR TO SHIFTING MAINLINE TRAFFIC TO PRESTAGE SUBSTAGE B.
4. CLEAN EXISTING DRAINAGE STRUCTURES IDENTIFIED ON EXISTING DRAINAGE REMOVAL PLANS ALONG THE EB I-90 OUTSIDE SHOULDER.
5. TACK WELD ALL DRAINAGE/UTILITY STRUCTURE FRAMES/GRATES WITHIN I-90 STAGED TRAFFIC LANES (AND WITHIN 2' OF THE STAGED TRAFFIC LANES).
6. INSTALL TEMPORARY STORM SEWER, TEMPORARY LATERAL UNDER CUMBERLAND RAMP B AND DETENTION POND PARTIALLY AS SHOWN ON THE DRAINAGE GRADING PLAN.

SUB-STAGE B:

1. INSTALL DRAINAGE LATERALS AT TWO LOCATIONS ALONG EB MAINLINE AND ONE LOCATION UNDER WB I-90 AND CONSTRUCT OVERHEAD LEFT SIGN SUPPORT AS SHOWN ON THE PLANS.
2. RECONSTRUCT EB I-90 INSIDE SHOULDER AND RESURFACE 2' OF SHOULDER FROM CTA BARRIER WALL AS SHOWN ON THE PLANS.
3. CLEAN EXISTING DRAINAGE STRUCTURES IDENTIFIED ON EXISTING DRAINAGE REMOVAL PLANS ALONG THE EB I-90 INSIDE SHOULDER.

TRAFFIC CONTROL:

SUB-STAGE A:

1. TEMPORARY OFF PEAK LANE CLOSURES, OUTSIDE SHOULDER CLOSURE AND PARTIAL RAMP CLOSURE IS ALLOWED DURING THIS STAGE ACCORDING TO APPLICABLE IDOT HIGHWAY STANDARD 701400 AND DISTRICT ONE DETAIL TC-9, TC-17 ALONG EB I-90 DURING THE ALLOWABLE HOURS IDENTIFIED IN KEEPING THE EXPRESSWAY OPEN TO TRAFFIC SPECIAL PROVISION.
2. MAINTAIN ALL RAMPS AT CUMBERLAND AVE, CANFIELD RD AND HARLEM AVE OPEN TO TRAFFIC AS SHOWN ON THE PLANS.

SUB-STAGE B:

1. CLOSE EB I-90 INSIDE SHOULDER, EXISTING LANE 1 TO TRAFFIC AND SHIFT EB I-90 MAINLINE ON TO OUTSIDE SHOULDER. MAINTAIN 11' LANES ON EB I-90 AS SHOWN ON THE PLANS.
2. MAINTAIN ALL RAMPS AT CUMBERLAND AVE, CANFIELD RD AND HARLEM AVE OPEN TO TRAFFIC.
3. TEMPORARY OFF PEAK LANE CLOSURES, OUTSIDE SHOULDER CLOSURE AND PARTIAL RAMP CLOSURE IS ALLOWED DURING THIS STAGE ACCORDING TO APPLICABLE IDOT HIGHWAY STANDARD 701400, AND DISTRICT ONE DETAIL TC-9, TC-17 ALONG EB I-90.

STAGE 1:

CONSTRUCTION:

1. CONSTRUCT PROPOSED EB I-90 MAINLINE FOURTH LANE AND OUTSIDE SHOULDER UPTO BINDER COURSE, CONSTRUCT CUMBERLAND AVE RAMP B AND BB, CANFIELD RD RAMP B AND HARLEM AVE RAMP A FULL DEPTH AS SHOWN ON THE PLANS.
2. REPAIR EXISTING RETAINING WALL EXEB-A ACCORDING TO THE RETAINING WALL REPAIR PLANS.
3. CONSTRUCT OVERHEAD RIGHT SIGN SUPPORT ALONG I-90 AND BEGIN INSTALLING OVERHEAD, CANTILEVER SIGN SUPPORT.
4. CONSTRUCT MOMENT SLAB ALONG THE W HIGGINS AVE FRONTAGE ROAD AS SHOWN ON THE PLANS.

TRAFFIC CONTROL:

1. SHIFT THE EB MAINLINE TRAFFIC ONTO NEWLY RECONSTRUCTED INSIDE SHOULDER AND MAINTAIN THREE 11' LANES. MAINTAIN MINIMUM 2' SHOULDER (TYP.) ON EITHER SIDE. SEE PLANS FOR LOCATIONS WITH LESS THAN 2' SHOULDER WIDTH.
2. MAINTAIN RAMPS AT CUMBERLAND AVE AND HARLEM AVE INTERCHANGE DURING CONSTRUCTION AS SHOWN ON THE PLANS.
3. INSTALL DETOUR SIGNS FOR CANFIELD RAMP CLOSURE ALONG THE DETOUR ROUTE PRIOR TO CLOSING OF RAMP.
4. CLOSE CANFIELD RD ENTRANCE RAMP TO TRAFFIC AND DETOUR AS SHOWN ON THE PLANS.
5. CLOSE AND DETOUR HIGGINS AVE WESTBOUND TRAFFIC ONLY, MAINTAIN EB HIGGINS ROAD TRAFFIC ON SHIFTED ALIGNMENT AS SHOWN ON THE PLANS.

STAGE 1 SUB-STAGE A:

CONSTRUCTION:

1. CONTINUE CONSTRUCTION OF EB MAINLINE, CUMBERLAND AVE RAMP B, RAMP BB AS SHOWN ON THE PLANS.
2. CONSTRUCT TEMPORARY PAVEMENT FOR CUMBERLAND AVE RAMP BB TEMPORARY ALIGNMENT AS SHOWN ON THE PLANS.

TRAFFIC CONTROL:

1. MAINTAIN TRAFFIC STAGING FROM STAGE 1, SHIFT CUMBERLAND AVE RAMP B TRAFFIC ONTO NEWLY CONSTRUCTED RAMP B PAVEMENT AS SHOWN ON THE PLANS.

STAGE 1 SUB-STAGE B:

CONSTRUCTION:

1. CONTINUE CONSTRUCTION OF EB MAINLINE, CUMBERLAND AVE RAMP BB, HARLEM AVE RAMP A AS SHOWN ON THE PLANS.

TRAFFIC CONTROL:

1. CLOSE EB I-90 LANE#4 "EXIT ONLY" LANE TO NB CUMBERLAND AVE. DURING THIS STAGE AND MAINTAIN ACCESS TO NB CUMBERLAND AVE. THRU A TEMPORARY RAMP ALIGNMENT CONSTRUCTED IN SUB-STAGE A AS SHOWN ON THE PLANS.
2. CONTINUE EB MAINLINE TRAFFIC ON SHIFTED ALIGNMENT FROM STAGE 1.
3. OPEN EB CANFIELD ENTRANCE RAMP TO TRAFFIC AFTER COMPLETION OF RECONSTRUCTED CANFIELD RAMP AND WALL.
4. SHIFT THE CUMBERLAND AVE RAMP BB AND HARLEM AVE RAMP A TRAFFIC AS SHOWN ON THE PLANS.

STAGE 1 SUB-STAGE C:

CONSTRUCTION:

1. COMPLETE CONSTRUCTION OF EB MAINLINE, HARLEM AVE RAMP "A" AS SHOWN ON THE PLANS.

TRAFFIC CONTROL:

1. MAINTAIN EB MAINLINE TRAFFIC ON SHIFTED ALIGNMENT FROM STAGE 1. OPEN CUMBERLAND AVE RAMP BB, AND RAMP B, TO TRAFFIC ON PROPOSED PAVEMENT AS SHOWN ON THE PLANS. MAINTAIN CANFIELD RD RAMP B AND HARLEM AVE RAMP A OPEN TO TRAFFIC AS SHOWN ON STAGE 1 SUBSTAGE B STAGING PLANS.

STAGE 2 SUBSTAGES A, B, C AND D: (REFER TO MOT TYPICAL SECTIONS. SEPARATE PLAN SHEETS NOT SHOWN)

CONSTRUCTION:

1. MILL AND RESURFACE EB I-90 MAINLINE LANE 1, 2 & 3. PAVE SURFACE COURSE ON LANE 4 AND OUTSIDE SHOULDER.
2. MILL AND RESURFACE W HIGGINS AVE BETWEEN ORIOLE AVE AND HARLEM AVE.

TRAFFIC CONTROL:

1. MAINTAIN 4 LANES OF EB MAINLINE TRAFFIC ON PROPOSED LANE CONFIGURATION DURING PEAK HOURS.
2. TEMPORARILY CLOSE EB I-90 LANE/S DURING THIS STAGE AND MAINTAIN AT LEAST TWO THRU LANES DURING ALLOWABLE HOURS AS SPECIFIED IN SPECIAL PROVISION "KEEPING THE EXPRESSWAYS OPEN TO TRAFFIC".
3. MAINTAIN CUMBERLAND AVE, CANFIELD RD AND HARLEM AVE RAMPS OPEN ON PROPOSED ALIGNMENT DURING THIS STAGE.
4. MAINTAIN TRAFFIC IN BOTH DIRECTION AND INSTALL TRAFFIC CONTROL ALONG W HIGGINS AVE ACCORDING TO APPLICABLE IDOT HIGHWAY STANDARD DURING RESURFACING OPERATION.

WINTER SHUTDOWN:

1. MAINTAIN EXISTING TRAFFIC CONFIGURATION ON NORMAL LANE WIDTHS ALONG EB I-90 MAINLINE.
2. MAINTAIN RAMPS AT CANFIELD RD AND HARLEM AVE ON EXISTING CONFIGURATION, RAMPS AT CUMBERLAND AVE (RAMP BB AND RAMP B) SHALL BE MAINTAINED ON CONFIGURATION FROM PRESTAGE SUBSTAGE B.
3. REPLACE WET REFLECTIVE PAVEMENT MARKING TAPE, TYPE III WITH EPOXY PAVEMENT MARKINGS WITHIN THE WORK ZONE.

MOT-GEN-2

 exp U.S. Services Inc. Chicago, IL BUILDINGS EARTH & ENVIRONMENT ENERGY INDUSTRIAL INFRASTRUCTURE SUSTAINABILITY	USER NAME = mohammed	DESIGNED MM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90 EASTBOUND FROM CUMBERLAND AVE TO HARLEM AVE SUGGESTED STAGING AND TRAFFIC CONTROL SUGGESTED STAGING SEQUENCE AND TRAFFIC CONTROL	F.A.I. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1:8000' / 1in.	DRAWN MM	REVISED -			90	(1517 & 1415) R-3	COOK	557	82
	PLOT DATE = 5/3/2016	CHECKED KA	REVISED -			CONTRACT NO. 60Y38			ILLINOIS FED. AID PROJECT	
	DATE 5/6/2016	REVISIED -	SCALE: 1" = 50'			SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.		

30300112							TOTAL	5964	SQ YD
AGGREGATE SUBGRADE IMPROVEMENT 12"									
ALIGNMENT	STATION	OFFSET	STATION	OFFSET	AREA	SUBTOTALS			
						(SQ FT)			
PRESTAGE SUB STAGE A									
EX CUMB RAMP BB	10+95	7.5 RT	21+64.29	9.0 RT	13040	1449			
EX CUMB RAMP BB	23+52.3	59.1 LT	21+22.9	46.3 LT	3480	387			
EX CUMB RAMP B	10+00	27.8 LT	21+53.02	13.2 LT	14328	1592			
EX 90	3044+96	75.2 RT	3050+60	73 RT	1677	186			
EX 90	3050+20	120.2 RT	3054+18	86.26 RT	3734	415			
EX 90	3058+36.6	79.3 RT	3069+67	77.1 RT	4495	499			
EX 90	3083+60	66.7 RT	3088+27	62.5 RT	2116	235			
EX 90	3105+90	79.2 RT	3106+33	82.6 RT	429	48			
STAGE 1									
EX 90	3101+00	86.5 RT	3105+86	106.5 RT	1281	142			
EX 90	3105+86	96.6 RT	3106+66	106.5 RT	483	54			
STAGE 1 SUBSTAGE A									
TEMP RAMPBB	1+72	0.1 RT	7+44	17.5 LT	8614	957			

48101600									TOTAL	1260	SQ YD
AGGREGATE SHOULDERS, TYPE B 8"											
ALIGNMENT	STATION	OFFSET	STATION	OFFSET	LENGTH	WIDTH	AREA	SUBTOTALS			
PRESTAGE SUBSTAGE A											
EX CUMB RAMP BB	10+95	7.5 RT	21+64	9 RT	1069	2	238	238			
EX CUMB RAMP B	12+00	25.7 LT	19+66	27.3 LT	766	2	170	170			
EX 90	3044+96	75.2 RT	3050+46	75.8 RT	550	2	122	122			
EX 90	3050+20	120.2 RT	3054+18	86.26 RT	398	2	88	88			
EX 90	3058+36.6	79.3 RT	3069+67	77.1 RT	1131	2	251	251			
EX 90	3083+60	66.7 RT	3086+58	68.2 RT	298	2	66	66			
STAGE 1											
EX 90	3101+00	86.5 RT	3106+66	106.5 RT	566	2	126	126			
STAGE 1 SUBSTAGE A											
TEMP RAMP BB	01+72	0 RT	06+70	2.0 RT	498	2	111	111			
TEMP RAMP BB	03+52	18.0 LT	07+44	17.5 LT	392	2	87	87			

44000100										TOTAL	6825	SQ YD
PAVEMENT REMOVAL												
ALIGNMENT	STATION	OFFSET	STATION	OFFSET	AREA	SUBTOTALS						
						(SQ FT)						
PRESTAGE SUBSTAGE A												
EX CUMB RAMP BB	10+95	7.5 RT	21+64.29	9.0 RT	13040	1449						
EX CUMB RAMP BB	23+52.3	59.1 LT	21+22.9	46.3 LT	3480	387						
EX CUMB RAMP B	10+00	27.8 LT	21+53.02	13.2 LT	14328	1592						
EX 90	3044+96	75.2 RT	3050+60	73 RT	1677	186						
EX 90	3050+20	120.2 RT	3054+18	86.26 RT	3734	415						
EX 90	3058+36.6	79.3 RT	3069+67	77.1 RT	4495	499						
EX 90	3083+60	66.7 RT	3088+27	62.5 RT	2116	235						
EX 90	3105+90	79.2 RT	3106+33	82.6 RT	429	48						
STAGE 1												
EX 90	3101+00	86.5 RT	3105+86	106.5 RT	1281	142						
EX 90	3105+86	96.6 RT	3106+66	106.5 RT	483	54						
STAGE 1 SUBSTAGE A												
TEMP RAMPBB	1+72	0.1 RT	7+44	17.5 LT	8614	957						
MOMENT SLAB												
EX HIGGINS AVE	1000+79.057	7.80 LT	1005+38.78	2	4725	525						
EX HIGGINS FLYOVER	2000+00	2.64 LT	2002+95.07	93	3025	336						

70103815					TOTAL	90	CAL DA
TRAFFIC CONTROL SURVEILLANCE							
DESCRIPTION	FROM DATE	TO DATE	SUBTOTALS				
SURVEILLANCE ALONG FRONTAGE ROAD DURING HIGGINS AVE MOMENT SLAB CONSTRUCTION	APRIL 2017	JUNE 2017	90				

70106800					TOTAL	35	CAL MO
CHANGEABLE MESSAGE SIGN							
ROADWAY	DIRECTION	# OF CMS	# OF MONTHS	SUBTOTALS			
I-90/I-190	EB	2	13	26			
HARLEM	NB/SB	2	3	6			
HIGGINS AVE	WB	1	3	3			

70300100										TOTAL	465	FOOT
SHORT TERM PAVEMENT MARKING												
DESCRIPTION	LENGTH [FT]	SKIP/DASH	WIDTH [INCH]	COLOR	LENGTH [FT]	SUBTOTALS						
HIGGINS AVE RESURFACING												
1ST MILL												
CENTER LINE	1250	0.1	4	Y	125	125						
EB (BY ORIOLE AVE)	150	0.1	4	W	15	15						
WB (BY ORIOLE AVE)	150	0.1	4	W	15	15						
2ND MILL												
CENTER LINE	1250	0.1	4	Y	125	125						
EB (BY ORIOLE AVE)	150	0.1	4	W	15	15						
WB (BY ORIOLE AVE)	150	0.1	4	W	15	15						
1ST LIFT												
CENTER LINE	1250	0.1	4	Y	125	125						
EB (BY ORIOLE AVE)	150	0.1	4	W	15	15						
WB (BY ORIOLE AVE)	150	0.1	4	W	15	15						

70400100										TOTAL	8954	FOOT
TEMPORARY CONCRETE BARRIER												
ALIGNMENT	FROM STATION	FROM STATION	TO STATION	TO STATION	OFFSET	TOTAL LENGTH (FT)	PROPOSED LENGTH (FT)	SUBTOTALS				
PRESTAGE SUBSTAGE A												
EX CUMB BB	19+30	24.3 LT	23+47	41.6 LT	466	466	466	466				
PRESTAGE SUBSTAGE B												
EX 90	3026+00	36.5 RT	3112+01	35.0 RT	8600	8134	8134	8134				
WB 90	3099+30	63.9 LT	3102+92	63.43 LT	354	354	354	354				

70400200										TOTAL	15396	FOOT
RELOCATE TEMPORARY CONCRETE BARRIER												
ALIGNMENT	FROM STATION	FROM STATION	TO STATION	TO STATION	OFFSET	TOTAL LENGTH (FT)	RELOCATED LENGTH (FT)	SUBTOTALS				
PRESTAGE SUBSTAGE B												
EX 90	3026+00	36.5 RT	3112+01	35.0 RT	8600	466	466	466				
WB 90	3099+30	63.9 LT	3102+92	63.43 LT								
STAGE 1												
PR_CMBB (LT SIDE1)	893+23	37.3 LT	900+27	37.0 LT	711	711	711	711				
PR_CMBB (LT SIDE2)	893+06	18.9 LT	918+17	17.0 LT	2490	2490	2490	2490				
EX 90	3063+86	58.0 RT	3105+59	84.9 RT	4175	4175	4175	4175				
EX HIGGINS_EB1	996+97	7.14 LT	1005+39	3.3 RT	954	954	954	954				
EX HIGGINS_EB2	2000+13	10.1 RT	2002+21	11.3 RT	210	210	210	210				
HIGGINS AVE					60	60	60	60				
STAGE 1 SUB STAGE A												
EX CUMB BB	18+77	9.2 LT	23+19	39.5 LT	463	463	463	463				
EX 90	3050+85	64.3 RT	3057+65	57.8 RT	692	692	692	692				
PR CUMB B	892+81	24.7 LT	911+95	24.0 LT	2148	2148	2148	2148				
EX 90	3063+07	67.3 RT	3064+19	58.0 RT	112	112	112	112				
STAGE 1 SUB STAGE B												
EX 90	3033+14	71.7 RT	3043+56	74.4 RT	1045	1045	1045	1045				
PR_CMBB4	808+50	6.3 LT	811+88	18.3 LT	348	348	348	348				
EX 90	3102+24	65.1 RT	3105+87	91.5 RT	378	378	378	378				
STAGE 1 SUB STAGE C												
EX 90	3040+45	68.9 RT	3051+86	58.1 RT	1143.8	1143.8	1143.8	1144				

78005100										TOTAL	222	SQ FT
EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS												
ALIGNMENT	STATION	LENGTH [FT]	AREA [INCH]/[SQFT]	# OF LINES	%SOLID	SUBTOTALS						
EX 90	3016+63	RIGHT ARROW	16	1	1	16						
EX 90		"ONLY"	23	1	1	23						
EX 90	3020+00	RIGHT ARROW	16	1	1	16						
EX 90		"ONLY"	23	1	1	23						
EX 90	3030+11	"ONLY"	23	1	1	23						
EX 90	3034+28	RIGHT ARROW	16	1	1	16						
EX 90		"ONLY"	23	1	1	23						
EX 90	3038+84	RIGHT ARROW	16	1	1	16						
EX 90		"ONLY"	23	1	1	23						
ORIOLE AVE		LEFT ARROW	16	1	1	16						
WEAR AND TEAR	15%		193		0.15	29						

70300240							TOTAL	1790	FOOT
TEMPORARY PAVEMENT MARKING - LINE 6"									
STATION	STATION	LENGTH	SUBTOTALS						
MARKING INSTALLED ON TCB DURING STAGE 1									
EB I-90	3104+00	3112+00	800	800					
CUMB RAMP BB			990	990					
HIGGINS AVE			900	900					

70600240							TOTAL	5	EACH
IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 2									
STAGE	ALIGNMENT	STATION	OFFSET	SUBTOTALS					
PRESTAGE A	EX_CUMB BB	23+47	41.63 LT	1					
PRESTAGE A	EX_CUMB BB	19+30	24.32 LT	1					
STAGE 1	HIGGINS	996+97	7.14 LT	1					
STAGE 1	HIGGINS			2					

70600250							TOTAL	4	EACH
IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3									
STAGE	ALIGNMENT	STATION	OFFSET	SUBTOTALS					
PRE STAGE B	EX 90 EB	302600	21.53 RT	1					
PRE STAGE B	EX 90 WB	310292	71.23 LT	1					
STAGE 1 SUB STAGE A	EX 90 EB	305085	64.33 RT	1					
STAGE 1 SUB STAGE A	EX 90 EB	306307	67.25 RT	1					


70600255							TOTAL	2	EACH
IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2									
STAGE	ALIGNMENT	STATION	OFFSET	SUBTOTALS					
STAGE 1	PR_CUMB	893+22	36.6 LT	1					
STAGE 1	PR_CUMB	893+30	12.9 LT	1					

70600260							TOTAL	2	EACH
IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3									
STAGE	ALIGNMENT	STATION	OFFSET	SUBTOTALS					
STAGE 1 SUB STAGE B	EB I-90	3102+23	65.14 RT	1					
STAGE 1 SUB STAGE C	EB I-90	3040+45	68.9 RT	1					

70600322							TOTAL	1	EACH
IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2									
STAGE	ALIGNMENT	STATION	OFFSET	SUBTOTALS					
STAGE 1A	PR CUMB BB	892+81	24.71 LT	1					

70600340							TOTAL	2	EACH
IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 2									
STAGE	ALIGNMENT	STATION	OFFSET	SUBTOTALS					
STAGE 1A	PR CUMB BB	809+43	19.8 RT	1					
STAGE 1B	PR CUMB BB	808+50	6.3 LT	1					

70600350							TOTAL	1	EACH
IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3									
STAGE	ALIGNMENT	STATION	OFFSET	SUBTOTALS					
STAGE 1B	EX 90	3034+14	62.9 RT	1					

 exp U.S. Services Inc. CHICAGO, IL BUILDINGS EARTH & ENVIRONMENT ENERGY INDUSTRIAL INFRASTRUCTURE SUSTAINABILITY	USER NAME = mohammed	DESIGNED MM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION I-90 EASTBOUND FROM CUMBERLAND AVE TO HARLEM AVE SUGGESTED STAGING AND TRAFFIC CONTROL SCHEDULE OF
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78005110 TOTAL 21728 FOOT						
EPOXY PAVEMENT MARKING - LINE 4"						
ALIGNMENT	FROM STATION	TO STATION	LENGTH FT	NO. OF LINES	DASH / SOLID	SUBTOTALS
I-90 MAINLINE						
EX 90	3020+00	3119+37	9937	1	1	9937
EX 90	3025+00	3041+39	1639	1	0.25	410
EX 90	3025+98	3037+44	1146	1	1	1146
EX 90	3043+03	3050+60	757	1	1	757
EX 90	3053+40	3059+18	578	1	0.25	145
EX 90	3059+18	3085+42	2624	1	1	2624
EX 90	3088+27	3093+25	498	1	0.25	125
EX 90	3093+25	3099+39	614	1	1	614
EX 90	3099+39	3102+15	276	1	0.25	69
EX 90	3106+22	3119+37	1315	1	1	1315
EX CUMBERLAND RAMP B						
EX CUMB B	7+15	19+77	1262	1	1	1262
EX CUMB B	15+97	19+77	380	1	1	380
PR CANFIELD RAMP B						
PR CANFIELD B	10+00	14+46	446	2	1	892
HARLEM RAMP A						
HARLEM A	6+52	7+30	78	1	1	78
WEAR AND TEAR 10%						
			19753		0.1	1975

78005120 TOTAL 5603 FOOT						
EPOXY PAVEMENT MARKING - LINE 5"						
ALIGNMENT	FROM STATION	TO STATION	LENGTH FT	NO. OF LINES	DASH / SOLID	SUBTOTALS
I-90 MAINLINE						
EX 90	3020+00	3119+37	9937	2	0.25	4969
EX 90	3020+00	3025+00	500	1	0.25	125
WEAR AND TEAR 10%						
			5094		0.10	509

78005140 TOTAL 6473 FOOT						
EPOXY PAVEMENT MARKING - LINE 8"						
ALIGNMENT	FROM STATION	TO STATION	LENGTH FT	NO. OF LINES	DASH / SOLID	SUBTOTALS
I-90 MAINLINE						
EX 90	3020+00	3021+58	158	1	1	158
EX 90	3021+58	3023+50	192	3	1	576
EX 90	3023+50	3025+98	248	1	1	248
EX 90	3041+39	3043+03	164	1	1	164
EX 90	3050+60	3053+40	280	1	1	280
EX 90	3085+42	3088+27	285	1	1	285
EX 90	3102+15	3106+22	407	1	1	407
EX 90	3099+39	3102+15	276	1	1	276
EX CUMBERLAND RAMP A						
EX CUMB A	10+00	12+48	248	2	1	496
EX CUMBERLAND RAMP BB						
EX CUMB BB	10+00	13+93	393	1	1	393
EX CUMB BB	13+93	15+47	154	2	1	308
EX CUMBERLAND RAMP B						
EX CUMB B	19+77	22+53	276	2	1	552
EX CUMB B	22+53	26+37	384	1	1	384
PR CANFIELD RAMP B						
PR CANFIELD B	14+46	17+32	289	2	1	578
PR CANFIELD B	14+46	22+40	510	1	1	510
HARLEM RAMP A						
HARLEM A	2+34	6+52	429	2	1	858
WEAR AND TEAR 10%						
			6473		0.10	

78005150 TOTAL 1013 FOOT					
EPOXY PAVEMENT MARKING - LINE 12"					
ALIGNMENT	LENGTH FT	NO. OF LINES	DASH / SOLID	SUBTOTALS	
EX CUMBERLAND RAMP A					
GORE	471	1	1	471	
EX CUMBERLAND RAMP BB					
GORE	112	1	1	112	
EX CUMBERLAND RAMP B					
GORE	67	1	1	67	
PR CANFIELD RAMP B					
GORE	96	1	1	96	
HARLEM RAMP A					
GORE	175	1	1	175	
WEAR AND TEAR 10%					
	921		0.10	92	

78200530 TOTAL 1911 EACH									
BARRIER WALL MARKERS, TYPE C									
ALIGNMENT	FROM STATION	FROM OFFSET	TO STATION	TO OFFSET	MARKERS @ 25'	FACTOR	COLOR	SUBTOTALS	
PRESTAGE SUBSTAGE A									
EX CUMB BB	19+30	24.3 LT	23+47	41.6 LT	19	2	YELLOW	37	
PRESTAGE SUBSTAGE B									
EX 90	3026+00	36.5 RT	3112+01	35.0 RT	344	2	YELLOW	688	
WB 90	3099+30	63.9 LT	3102+92	63.43 LT	14	2	WHITE	28	
STAGE 1									
PR_CMBB (LT SIDE1)	893+23	37.3 LT	900+51	37.0 LT	28	2	YELLOW	57	
PR_CMBB (LT SIDE2)	893+30	18.9 LT	918+17	17.0 LT	100	2	WHITE	199	
EX 90	3063+86	58.0 RT	3105+59	84.9 RT	167	2	WHITE	334	
EX HIGGINS_EB1	996+97	5.7 LT	1005+39	3.3 RT	38	2	YELLOW	76	
EX HIGGINS_EB2	2000+13	10.1 RT	2002+21	11.3 RT	8	2	YELLOW	17	
HIGGINS AVE									
STAGE 1 SUB STAGE A									
EX CUMB BB	18+77	9.2 LT	23+19	39.5 LT	19	2	YELLOW	37	
EX 90	3050+85	64.3 RT	3057+65	57.8 RT	28	2	WHITE	55	
PR CUMB B	892+81	24.7 LT	911+95	24.0 LT	86	2	YELLOW	172	
EX 90	3063+07	67.3 RT	3064+19	58.0 RT	4	2	WHITE	9	
STAGE 1 SUB STAGE B									
EX 90	3033+14	71.7 RT	3043+56	74.4 RT	42	2	WHITE	84	
PR_CMBB4	808+50	6.3 LT	811+88	18.3 LT	14	2	YELLOW	28	
EX 90	3102+24	65.1 RT	3105+87	91.5 RT	15	2	YELLOW	30	
STAGE 1 SUB STAGE C									
EX 90	3040+45	68.9 RT	3051+86	58.1 RT	46	2	WHITE	92	

78300200 TOTAL 550 EACH							
RAISED REFLECTIVE PAVEMENT MARKER REMOVAL							
ALIGNMENT	FROM STATION	TO STATION	LENGTH FT	SPACING FT	NO. OF REFLECTORS	NO. OF LANES	SUBTOTALS
PRESTAGE A							
EX 90	3020+00	3025+00	500	80	2	3	38
EX 90	3025+00	3119+37	9437	80	2	2	472
EX 90	3023+50	3025+98	248	40	1	1	6
EX CUMB A	10+00	12+48	248	40	1	1	6
EX 90	3041+39	3043+03	164	40	1	1	4
EX CUMB BB	13+93	15+47	154	40	1	1	4
EX 90	3102+15	3106+22	407	40	1	1	10
HARLEM A	2+34	6+52	418	40	1	1	10

85000200 TOTAL 3 EACH		
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION		
CLOSURE	INTERSECTION	SUBTOTALS
CANFIELD AVENUE RAMP CLOSURE		
	HIGGINS RD AT CANFIELD RD	1
	HIGGINS AVE AT HARLEM AVE	1
HIGGINS AVE WB CLOSURE		
	HARLEM AVE AT BRYN MAWR AVE	1

X0327979 TOTAL 71121 SQ FT								
PAVEMENT MARKING REMOVAL - GRINDING								
ALIGNMENT	STATION FROM	STATION TO	LENGTH [FT]	WIDTH [INCH]/[SOFT]	# LINES	% SOLID	SUBTOTALS	
I-90 MAINLINE								
EX 90	3027+00	3119+37	9237	4	1	1	3079	
EX 90	3032+00	3119+37	8737	5	2	0.25	1820	
EX 90	3032+00	3041+39	939	4	1	0.25	78	
EX 90	3032+00	3037+44	544	4	1	1	181	
EX 90	3041+39	3043+03	164	8	1	1	109	
EX 90	3043+03	3050+60	757	4	1	1	252	
EX 90	3050+60	3053+40	280	8	1	1	187	
EX 90	3053+40	3059+18	578	4	1	0.25	48	
EX 90	3059+18	3085+42	2624	4	1	1	875	
EX 90	3085+42	3088+27	285	8	1	1	190	
EX 90	3088+27	3093+25	498	4	1	0.25	42	
EX 90	3093+25	3099+39	614	4	1	1	205	
EX 90	3099+39	3102+15	276	4	1	0.25	23	
EX 90	3102+15	3106+22	407	8	1	1	271	
EX 90	3099+39	3102+15	291	8	1	1	194	
EX 90	3106+22	3119+37	1315	4	1	1	438	
EX CUMBERLAND RAMP BB								
GORE			112	12	1	1	112	
EX CUMB BB	10+00	13+93	393	8	1	1	262	
EX CUMB BB	13+93	15+47	154	8	2	1	205	
EX CUMBERLAND RAMP B								
GORE			67	12	1	1	67	
EX CUMB B	19+77	22+53	276	8	2	1	368	
EX CUMB B	22+53	26+37	384	8	1	1	256	
EX CUMB B	7+65	19+77	1212	4	1	1	404	
EX CUMB B	15+97	19+77	380	4	1	1	127	
PR CANFIELD RAMP B								
GORE			96	12	1	1	96	
PR CANFIELD B	14+46	17+32	289	8	2	1	385	
PR CANFIELD B	10+00	14+46	445	4	2	1	297	
PR CANFIELD B	14+46	22+40	510	8	1	1	340	
HARLEM RAMP A								
GORE			175	12	1	1	175	
HARLEM A	2+34	6+52	429	8	2	1	572	
HARLEM A	6+52	7+30	78	4	1	1	26	
LETTERS AND SYMBOLS								
EX 90		3034+28	RIGHT ARROW	15.798	1	1	16	
EX 90		"ONLY"		22.894	1	1	23	
EX 90		3038+84	RIGHT ARROW	15.798	1	1	16	
EX 90		"ONLY"		22.894	1	1	23	
ORIOLE AVE			LEFT ARROW	15.798	1	1	16	
WET REFLECTIVE TEMPORARY TAPE, TYPE III - LETTERS AND SYMBOLS								
ALL STAGES								
							448	
WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH								
ALL STAGES								
			75,825	4	1	1	25275	
WET REFLECTIVE TEMPORARY TAPE TYPE III, 5 INCH								
ALL STAGES								
			34,001	5	1	0.25	3542	
WET REFLECTIVE TEMPORARY TAPE TYPE III, 6 INCH								
ALL STAGES								
			287	6	1	1	144	
WET REFLECTIVE TEMPORARY TAPE TYPE III, 8 INCH								
ALL STAGES								
			20,470	8	1	1	13647	
WET REFLECTIVE TEMPORARY TAPE TYPE III, 12 INCH								
ALL STAGES								
			2,064	12	1	1	2064	
WEAR AND TEAR 25%								
							14224	

X0325201							
SHOULDER RUMBLE STRIP REMOVAL							
ALIGNMENT	FROM STATION	FROM OFFSET	TO STATION	TO OFFSET	WIDTH FT	AREA SQ FT	SUBTOTALS
PRESTAGE SUB STAGE A							
EB I-90	3041+39	63.0 RT	3051+17	63.0 RT	3	2934	326
EB I-90	3059+40	65.8 RT	3083+60	66.8 RT	3	7260	807
EB I-90	3093+88	63.0 RT	3101+23	78.5 RT	3	2205	245
EB I-90	3102+15	63.1 RT	3118+25	67.0 RT	3	4830	537

X7010216			TOTAL	1	LSUM
TRAFFIC CONTROL AND PROTECTION, (SPECIAL)					
DESCRIPTION					SUBTOTALS
TRAFFIC CONTROL AND PROTECTION FOR CANFIELD RD TO EB I-90 RAMP CLOSURE DETOUR HIGGINS AVE WESTBOUND DETOUR HIGGINS AVE MOMENT SLAB CONSTRUCTION					1

X7011015			TOTAL	1	LSUM
TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)					
DESCRIPTION					SUBTOTALS
TRAFFIC CONTROL AND PROTECTION ALONG EB I-90 MAINLINE AND RAMPS					1

X7013820					TOTAL	395	CAL	DA
TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS								
CONTRACT EB I-90 DURATION DAYS								SUBTOTALS
BEGIN DATE	END DATE	# MONTHS						
SEPT-2016	SEPT-2017	13	395					395

X7030025						TOTAL	448	SO FT
WET REFLECTIVE TEMPORARY TAPE, TYPE III - LETTERS AND SYMBOLS								
ALIGNMENT	STATION	SYMBOL / WORDS	AREA [SQFT]	# OF SYMBOLS				SUBTOTALS
PRESTAGE A								
EX 90	3037+29	RIGHT ARROW	15	1				15
EX 90		"ONLY"	21	1				21
STAGE 1								
EX 90	3027+75	RIGHT ARROW	15	1				15
EX 90		"ONLY"	21	1				21
EX 90	3037+29	RIGHT ARROW	15	1				15
EX 90		"ONLY"	21	1				21
ORIOLE AVE		LEFT ARROW	15	2				30
ORIOLE AVE		"ONLY"	21	2				42
ORIOLE AVE		AHEAD ARROW	16	2				32
STAGE 1B								
EX 90	3094+75	RIGHT ARROW	15	1				15
EX 90		"ONLY"	21	1				21
EX 90	3097+50	RIGHT ARROW	15	1				15
EX 90		"ONLY"	21	1				21
STAGE 1C								
EX 90	3035+50	RIGHT ARROW	15	1				15
EX 90		"ONLY"	21	1				21
EX 90		RIGHT ARROW	15	1				15
EX 90		"ONLY"	21	1				21
WEAR AND TEAR 25%			358	0.25				90

X7030035										TOTAL	36,001	FOOT
WET REFLECTIVE TEMPORARY TAPE TYPE III, 5 INCH												
ALIGNMENT	FROM STATION	FROM OFFSET	TO STATION	TO OFFSET	LENGTH FT	COLOR	NO. OF DASH LINES	/ SOLID				SUBTOTALS
PRESTAGE B												
EX 90	3020+50	38.0 RT	3119+37	37.0 RT	9,887	W	1	0.25				2,472
	3020+50	50.0 RT	3119+37	50.0 RT	9,887	W	1	0.25				2,472
	3020+50	69.5 RT	3026+00	69.5 RT	550	W	1	0.25				137
STAGE 1												
EX 90	3020+50	38.4 RT	3118+35	38.8 RT	9,785	W	1	0.25				2,446
	3020+50	50.1 RT	3118+35	50.2 RT	9,785	W	1	0.25				2,446
STAGE 1B												
EX 90	3023+14	38.5 RT	3037+44	35.2 RT	1,430	W	1	0.25				358
	3023+14	50.5 RT	3037+44	46.1 RT	1,430	W	1	0.25				358
STAGE 2A												
EX 90	3020+00	38.4 RT	3079+50	38.0 RT	5,950	W	1	0.25				1,488
	3020+00	50.1 RT	3079+50	50.0 RT	5,950	W	1	0.25				1,488
	3020+00	62.0 RT	3079+50	62.0 RT	5,950	W	1	0.25				1,488
	3079+50	38.0 RT	3111+00	38.0 RT	3,150	W	1	0.25				788
	3079+50	50.0 RT	3111+00	50.0 RT	3,150	W	1	0.25				788
STAGE 2B												
EX 90	3020+00	38.4 RT	3079+50	38.0 RT	5,950	W	1	0.25				1,488
	3020+00	50.1 RT	3079+50	50.0 RT	5,950	W	1	0.25				1,488
	3020+00	62.0 RT	3079+50	62.0 RT	5,950	W	1	0.25				1,488
	3079+50	38.0 RT	3111+00	38.0 RT	3,150	W	1	0.25				788
	3079+50	50.0 RT	3111+00	50.0 RT	3,150	W	1	0.25				788
STAGE 2C												
EX 90	3020+00	38.4 RT	3079+50	38.0 RT	5,950	W	1	0.25				1,488
	3020+00	50.1 RT	3079+50	50.0 RT	5,950	W	1	0.25				1,488
	3020+00	62.0 RT	3079+50	62.0 RT	5,950	W	1	0.25				1,488
	3079+50	38.0 RT	3111+00	38.0 RT	3,150	W	1	0.25				788
	3079+50	50.0 RT	3111+00	50.0 RT	3,150	W	1	0.25				788
WEAR AND TEAR 25%					28,801			0.25				7,200

X7030030										TOTAL	94,706	FOOT
WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH												
ALIGNMENT	FROM STATION	FROM OFFSET	TO STATION	TO OFFSET	LENGTH FT	COLOR	NO. OF DASH LINES	/ SUBTOTALS				SUBTOTALS
PRESTAGE A												
EX CUMB B	10+00	14.6 LT	20+57	12.9 LT	1057	Y	1	1				1,057
EX CUMB BB	21+25	60.4 LT	23+48	74.2 LT	283	Y	1	1				283
PRESTAGE B												
EX 90	3020+50	26.2 RT	3119+37	26.2 RT	9887	Y	1	1				9,887
	3043+00	69.1 RT	3050+16	72.4 RT	716	W	1	1				716
	3051+62	72.1 RT	3054+64	72.0 RT	302	W	1	0.25				76
	3054+64	72.0 RT	3085+41	66.4 RT	3077	W	1	1				3,077
	3088+32	65.7 RT	3092+82	64.0 RT	450	W	1	0.25				113
	3092+82	64.0 RT	3101+21	72.2 RT	839	W	1	1				839
	3101+21	72.2 RT	3104+41	71.6 RT	320	W	1	0.25				80
	3106+23	69.0 RT	3119+37	62.0 RT	1314	W	1	1				1,314
EX CUMB B	10+00	25.7 LT	19+36	16.0 LT	936	Y	1	1				936
	16+62	5.0 LT	19+36	0 LT	274	W	1	1				274
EX CUMB BB	21+25	48.8 LT	23+42	63.9 LT	264	Y	1	1				264
STAGE 1												
	3020+50	26.2 RT	3118+35	26.8 RT	9785	Y	1	1				9,785
	3020+50	74.0 RT	3027+00	74.0 RT	650	W	1	1				650
EX CUMB BB	14+09	8.3 RT	23+11	14.3 RT	902	W	1	1				902
	14+09	7.3 LT	23+51	43.6 LT	1000	Y	1	1				1,000
	3041+39	55.9 RT	3050+59	55.3 RT	920	W	1	1				920
	3051+86	55.0 RT	3055+35	54.6 RT	349	W	1	0.25				87
EX CUMB B	10+00	34.5 LT	19+79	25.1 LT	1001	Y	1	1				1,001
	10+00	20.5 LT	19+79	11.1 LT	979	W	1	1				979
PR CUMB B	892+42	47.8 LT	895+32	35.0 LT	291	Y	1	1				291
	892+20	69.8 RT	895+32	21.0 LT	1002	W	1	1				1,002
EX 90	3055+35	54.6 RT	3101+65	55.5 RT	4630	W	1	1				4,630
	3101+65	55.5 RT	3104+31	54.5 RT	272	W	1	0.25				68
HIGGINS					1700	Y	1	1				1,700
HIGGINS					1300	W	1	1				1,300
STAGE 1A												
EX CUMB B	3050+48	55.3 RT	3057+80	54.9 RT	732	W	1	1				732
	893+30	12 LT	912+19	23.1 LT	1889	Y	1	1				1,889
	900+96	0 LT	912+19	10.6 LT	1123	W	1	1				1,123
	3058+66	55.1 RT	3063+07	67.3 RT	441	W	1	0.25				110
STAGE 1B												
EX 90	3023+14	26.5 RT	3037+44	24.1 RT	1430	Y	1	1				1,430
	3023+14	69.9 LT	3041+45	55.9 RT	1831	W	1	1				1,831
	3041+45	55.9 RT	3043+35	55.0 RT	190	W	1	0.25				48
	3010+69	71.7 RT	3104+31	54.5 RT	9362	W	1	1				9,362
PR CUMB BB	806+31	91.6 LT	811+47	31.0 LT	647	Y	1	1				647
	806+31	75.6 LT	812+40	41.0 RT	851	W	1	1				851
PR CUMB B	899+99	28.0 LT	907+01	15.9 LT	702	Y	1	1				702
	901+29	0 LT	907+01	0 LT	572	W	1	1				572
PR CANFILED EB	10+00	0 LT	15+36	0 LT	536	W	1	1				536
	11+84	16.0 LT	15+39	16.0 LT	355	Y	1	1				355
HARLEM A	1+87	4.4 LT	7+27	20.8 LT	540	Y	1	1				540
	1+87	7.6 RT	7+09	0 RT	522	W	1	1				522
STAGE 1C												
EX 90	3040+37	56.6 RT	3043+40	55.0 RT	303	W	1	1				303
PR CUMB BB	802+95	12.1 LT	806+42	15.9 LT	347	Y	1	1				347
STAGE 2A												
EX 90	3105+88	62.0 RT	3111+00	62.0 RT	512	W	1	1				512
EX 90	3020+00		3111+00		9100	W	1	1				9,100
STAGE 2B												
EX 90	3105+88	62.0 RT	3111+00	62.0 RT	512	W	1	1				512
STAGE 2C												
EX 90	3105+88	62.0 RT	3111+00	62.0 RT	512	W	1	1				512
WEAR AND TEAR 25%					75765			0.25				18,941



USER NAME = mohamma
 DESIGNED MM
 DRAWN MM
 CHECKED KA
 DATE 5/6/2016

REVISED -
 REVISED -
 REVISED -
 REVISED -

X7030040									TOTAL	287	FOOT
WET REFLECTIVE TEMPORARY TAPE TYPE III, 6 INCH											
ALIGNMENT	FROM STATION	FROM OFFSET	TO STATION	TO OFFSET	LENGTH FT	COLOR	NO. OF LINES	DASH / SOLID	SUBTOTALS		
STAGE 1											
EX CUMB BB	20+83	10.8	LT	22+88	213	W	1	0.25	53		
EX CUMB BB	22+88	23.0	LT	23+50	76	W	1	1	76		
HIGGINS					100	W	1	1	100		
WEAR AND TEAR 25%					229.25			0.25	57		

X7040125											TOTAL	3106	EACH
PINNING TEMPORARY CONCRETE BARRIER													
ALIGNMENT	FROM STATION	FROM OFFSET	TO STATION	TO OFFSET	LENGTH FT	SINGLE TCB	# OF PINS PER TCB	OF PINS PER TCB		SUBTOTALS			
PRESTAGE A													
EX CUMB BB	19+30	24.3	LT	23+47	41.6	LT	417	12.5	3	100			
PRESTAGE B													
EX 90	3085+26	29.0	RT	3094+66	29.24	RT	940	12.5	3	226			
STAGE 1													
PR.CM BB (LT SIDE 1)	893+23	37.3	LT	900+51	37.0	LT	728	12.5	3	175			
PR.CM BB (LT SIDE 2)	893+30	18.9	LT	918+18	18.6	LT	2488	12.5	3	597			
EX 90	3063+87	59.10	RT	3105+59	84.94	RT	4172	12.5	3	1001			
STAGE 1A													
EX CUMB BB	18+77	9.2	LT	23+19	39.5	LT	463	12.5	3	111			
PR CUMB B	892+81	24.7	LT	911+95	24.0	LT	2148	12.5	3	516			
EX 90	3050+85	64.33	RT	3057+65	57.79	RT	680	12.5	3	163			
STAGE 1B													
PR CUMB BB	808+50	6.3	LT	811+88	18.3	LT	348	12.5	3	84			
EX 90	3037+44	57.15	RT	3043+56	74.40	RT	612	12.5	3	147			
EX 90	3102+24	65.14	RT	3105+87	91.51	RT	363	12.5	3	87			

Z0030850					TOTAL	1260	SQ FT
TEMPORARY INFORMATION SIGNING							
WIDTH	HEIGHT	# SIGN	AREA		SUBTOTALS		
TEMPORARY INFORMATION GUIDE SIGN							
W	H						
13.0	15.0	1.0	195.0		195		
17.5	12.5	1.0	218.8		219		
13.0	15.5	1.0	201.5		202		
13.5	10.5	1.0	141.8		142		
TEMPORARY INFORMATION CUSTOM SIGN							
WB HIGGINS AVE DETOUR SIGNS							
9	5.5	1	49.5		50		
9	6.5	2	117		117		
9	6.5	1	58.5		59		
CANFIELD ENTRANCE RAMP DETOUR SIGNS							
7.5	5.5	3	123.75		124		
EMERGENCY PULL OUT SIGNS							
7.5	5	1	37.5		38		
7	5.5	2	77		77		
CANFIELD RAMP CLOSURE PER TC-08							
5	4	1	20		20		
RAMP CLOSURE GUIDE SIGN OVERLAY ARROW							
1	10	2	20		20		

X7030045											TOTAL	28,330	FOOT
WET REFLECTIVE TEMPORARY TAPE TYPE III, 8 INCH													
ALIGNMENT	FROM STATION	FROM OFFSET	TO STATION	TO OFFSET	LENGTH FT	COLOR	NO. OF LINES	DASH / SOLID	SUBTOTALS				
PRESTAGE A													
EX 90	3052+38	62.4	RT	3053+40	64.3	RT	102	W	1	1	102		
EX CUMB B	20+57	12.9	LT	22+54	13.4	LT	197	W	1	1	197		
PRESTAGE B													
EX 90	3020+50	74.2	RT	3037+43	80.0	RT	1,693	W	1	1	1,693		
	3020+50	86.0	RT	3026+00	104.0	RT	551	W	1	1	551		
	3026+00	69.5	RT	3038+28	69.2	RT	1,228	W	1	0.25	307		
	3038+28	69.2	RT	3043+00	69.1	RT	472	W	1	1	472		
	3050+16	72.4	RT	3051+62	72.1	RT	146	W	1	1	146		
	3085+41	66.4	RT	3088+32	65.7	RT	291	W	1	1	291		
	3104+41	71.6	RT	3106+23	69.0	RT	182	W	1	1	182		
EX CUMB BB	10+00	5.2	RT	15+47	0.7	LT	547	W	1	1	547		
EX CUMB BB	13+84	10.3	LT	15+37	16.4	LT	153	W	1	1	153		
EX CUMB A	10+00	0	RT	15+12	0	RT	512	W	1	1	512		
EX CUMB B	19+36	16.0	LT	20+78	9.5	LT	142	W	1	1	142		
EX CUMB B	19+36	0	LT	23+77	4.6	LT	441	W	1	1	441		
PR CANFIELD EB	14+51	21.4	LT	17+29	24.1	LT	282	W	1	1	282		
	15+36	6.2	LT	21+72	12.9	LT	638	W	1	1	638		
HARLEM A	1+38	1.1	LT	5+35	1.5	RT	397	W	1	1	397		
	4+66	15.4	LT	6+51	16.5	LT	185	W	1	1	185		
STAGE 1													
EX 90	3027+00	74.0	RT	3038+09	58.5	RT	1,109	W	1	1	1,109		
	3027+00	62.2	RT	3035+84	57.0	RT	884	W	1	0.25	221		
	3035+84	57.0	RT	3041+39	55.9	RT	555	W	1	1	555		
	3050+59	55.3	RT	3051+86	55.0	RT	127	W	1	1	127		
EX CUMB BB	3104+31	54.5	RT	3105+83	53.8	RT	152	W	1	1	152		
	10+65	6.7	LT	14+09	8.3	RT	344	W	1	1	344		
	11+41	17.7	LT	14+09	7.3	LT	268	W	1	1	268		
	23+39	72.1	LT	23+99	71.1	LT	133	W	1	1	133		
EX CUMB B	19+79	25.1	LT	21+03	25.2	LT	124	W	1	1	124		
	19+79	25.1	LT	24+48	20.8	LT	469	W	1	1	469		
HARLEM A	1+82	19.5	LT	7+30	4.4	LT	548	W	1	1	548		
	4+54	30.2	LT	6+56	19.2	LT	202	W	1	1	202		
STAGE 1A													
EX CUMB B	3057+80	54.9	RT	3058+66	55.1	RT	86	W	1	1	86		
PR CUMB B	912+19	23.1	LT	913+02	28.3	LT	90	W	1	1	90		
	912+19	10.6	LT	917+33	22.1	LT	514	W	1	1	514		
STAGE 1B													
EX 90	3043+35	55.0	RT	3044+05	55.1	RT	70	W	1	1	70		
	3052+54	55.0	RT	3057+80	54.9	RT	526	W	1	1	526		
	3087+22	55	RT	3091+69	54.0	RT	447	W	1	1	447		
	3091+69	54.3	RT	3098+45	54.8	RT	676	W	1	0.25	169		
	3093+50	66.8	RT	3101+69	83.7	RT	828	W	1	1	828		
	3098+45	54.9	RT	3101+68	55.4	RT	323	W	1	1	323		
	3098+45	54.9	RT	3101+69	71.7	RT	332	W	1	1	332		
PR CUMB BB	804+00	39.6	LT	806+31	75.6	LT	264	W	1	1	264		
	805+71	73.1	LT	806+31	91.6	LT	69	W	1	1	69		
PR CUMB B	907+01	15.9	LT	913+02	30.0	LT	601	W	1	1	601		
	907+01	0	LT	912+18	11.2	LT	517	W	1	1	517		
PR CANFIELD EB	15+39	0	LT	22+40	0	LT	701	W	1	1	701		
	15+39	16	LT	20+62	23.8	LT	523	W	1	1	523		
STAGE 1C													
EX 90	3027+00	62.0	RT	3034+75	56.7	RT	775	W	1	0.25	194		
	3027+00	74.0	RT	3034+39	94.7	RT	739	W	1	1	739		
	3034+75	56.7	RT	3040+37	56.6	RT	562	W	1	1	562		
PR CUMB BB	800+31	18.5	LT	802+95	12.1	LT	264	W	1	1	264		
STAGE 2A													
EX 90	3079+50	62.0	RT	3099+76	62.0	RT	2,026	W	1	0.25	507		
EX 90	3099+76	62.0	RT	3105+88	62.0	RT	612	W	1	1	612		
STAGE 2B													
EX 90	3079+50	62.0	RT	3099+76	62.0	RT	2,026	W	1	0.25	507		
EX 90	3099+76	62.0	RT	3105+88	62.0	RT	612	W	1	1	612		
STAGE 2C													
EX 90	3079+50	62.0	RT	3099+76	62.0	RT	2,026	W	1	0.25	507		
EX 90	3099+76	62.0	RT	3105+88	62.0	RT	612	W	1	1	612		
WEAR AND TEAR 25%					22,664			0.25	5,666				

X7030050											TOTAL	2,064	FOOT
WET REFLECTIVE TEMPORARY TAPE TYPE III, 12 INCH													
ALIGNMENT	FROM STATION	FROM OFFSET	TO STATION	TO OFFSET	LENGTH FT	COLOR	NO. OF LINES	DASH / SOLID	SUBTOTALS				
PRESTAGE B													
EX 90	3041+28	69.1	RT	3043+00	69.1	RT	108	W	1	1	108		
	3050+16	72.4	RT	3051+62	72.1	RT	70	W	1	1	70		
	3085+41	66.4	RT	3088+32	65.7	RT	75	W	1	1	75		
	3104+41	71.6	RT	3106+23	69.0	RT	63	W	1	1	63		
STAGE 1													
EX 90	3038+84	57.1	RT	3041+39	55.9	RT	121		1	1	121		
	3104+31	54.5	RT	3105+83	53.8	RT	80		1	1	80		
STAGE 1A													
EX 90	3057+80	54.9	RT	3058+66	55.1	RT	22		1	1	22		
STAGE 1B													
EX 90	3052+54	55.0	RT	3057+80	54.9	RT	600		1	1	600		
	3087+22	55.0	RT	3091+69	54.0	RT	234		1	1	234		
	3098+45	54.9	RT	3101+68	55.4	RT	150		1	1	150		
STAGE 1C													
PR CUMB BB	800+31	18.5	LT	802+95	12.1	LT	128		1	1	128		
WEAR AND TEAR 25%					1651			0.25	412.75				

44201777											TOTAL	15	SQ YD
CLASS D PATCHES, TYPE II, 11 INCH													
SHEET	PIPE NO.	DEPTH UP	DEPTH DN	AVG DEPTH	PIPE SIZE	"TRENCH WIDTH"	"TRENCH LENGTH"	AREA	SUBTOTALS				
MOT-PA-3	6005	3.85	3.85	3.599	12	FT	FT	131.21	15				
						2.79	47						

X0327980								TOTAL	20431	SQ FT
PAVEMENT MARKING REMOVAL - WATER BLASTING										
ALIGNMENT	STATION FROM	STATION TO	LENGTH [FT]	WIDTH [INCH]	# LINES	% SOLID	SUBTOTALS			
I-90 MAINLINE										
EX 90	3020+00	3027+00	700	4	1	1	233			
EX 90	3020+00	3032+00	1200	5	2	0.25	250			
EX 90	3020+00	3025+00	500	5	1	0.25	52			
EX 90	3025+00	3032+00	700	4	1	0.25	58			
EX 90	3020+00	3021+58	158	8	1	1	105			
EX 90	3021+58	3023+50	192	8	3	1	384			
EX 90	3023+50	3025+98	248	8	1	1	165			
EX 90	3025+98	3032+00	602	4	1	1	201			
EX CUMBERLAND RAMP A										
CORE			471	12	1	1	471			
EX CUMB A	10+00	12+48	248	8	2	1	331			
EX CUMBERLAND RAMP BB										
EX CUMB BB	21+16	22+00	84	4	1	1	28			
EX CUMBERLAND RAMP B										
EX CUMB B	7+15	7+65	50	4	1	1	17			
LETTERS AND SYMBOLS										
EX 90		3016+63	RIGHT ARROW	15.798	1	1	16			
EX 90			"ONLY"	22.894	1	1	23			
EX 90		3020+00	RIGHT ARROW	15.798	1	1	16			
EX 90			"ONLY"	22.894	1	1	23			
EX 90		3030+11	"ONLY"	22.894	1	1	23			
PRESTAGE SUBSTAGE B										
EX I-90	3020+50	3032+00	1150	4	1	1	383			
EX I-90	3020+50	3032+00	1150	5	3	0.25	359			
EX I-90	3029+40	3032+00	260	4	1	1	87			
EX I-90	3020+50	3029+40	890	8	1	1	593			
EX I-90	3029+40	3032+00	260	4	1	1	87			
EX I-90	3020+50	3026+00	550	8	1	1	367			
EX I-90	3023+52	3026+00	248	8	1	1	165			
EX I-90	3111+00	3119+37	837	4	2	1	558			
EX I-90	3111+00	3119+37	837	5	2	0.25	174			
EX I-90			LETTER/SYM				39			
STAGE 1										
EX I-90	3020+50	3032+00	1150	4	1	1	383			
EX I-90	3020+50	3032+00	1150	5	3	0.25	359			
EX I-90	3029+40	3032+00	260	4	1	1	87			
EX I-90	3020+50	3029+40	890	8	1	1	593			
EX I-90	3029+40	3032+00	260	4	1	1	87			
EX I-90	3020+50	3026+00	550	8	1	1	367			
EX I-90	3023+52	3026+00	248	8	1	1	165			
EX I-90	3111+00	3119+37	837	4	2	1	558			
EX I-90	3111+00	3119+37	837	5	2	0.25	174			
CUMB BB	0021+17	0023+52	235	4	2	1	157			
CUMB BB	0021+17	0022+86	169	6	1	0.25	21			
CUMB AVE			235	4	1	1	78			
ORIOLE AVE			LETTER/SYM				39			
HIGGINS AVE			535	4	1	1	178			
HIGGINS AVE			LETTER/SYM				39			
STAGE 1 SUB STAGE A										
CUMB BB	0021+17	0023+52	235	4	2	1	157			
CUMB BB	0021+17	0022+86	169	6	1	0.25	21			
CUMB AVE			235	4	1	1	78			
CUMB B	0893+30	0911+91	1861	4	1	1	620			
CUMB B	0900+96	0911+91	1095	4	1	1	365			
CUMB B	0911+91	0917+33	542	8	1	1	361			
STAGE 1 SUB STAGE B										
EX I-90	3027+00	3032+00	500	4	1	1	167			
EX I-90	3027+00	3032+00	500	4	3	0.25	125			
EX I-90	3022+00	3032+00	1000	4	1	1	333			
CUMB BB	0018+00	0023+00	500	4	2	1	333			
CUMB B	0900+00	0907+00	700	4	2	1	467			
CUMB B	0907+00	0913+00	600	8	2	1	800			
CUMB B	0913+00	0917+30	430	8	1	1	287			
CANFIELD RAMP	0012+00	0016+00	400	4	2	1	267			
CANFIELD RAMP	0016+00	0020+64	464	8	3	1	928			
EX I-90	3091+69	3101+70	1001	8	1	1	667			
EX I-90	3091+69	3098+45	676	8	1	0.25	113			
EX I-90	3098+45	3101+70	325	8	2	1	433			
HARLEM RAMP	0002+00	0007+09	509	4	2	1	339			
EX I-90			LETTERS/SYM				78			
STAGE 1 SUB STAGE C										
EX I-90	3027+00	3032+00	500	4	1	1	167			
EX I-90	3027+00	3032+00	500	5	3	0.25	156			
EX I-90	3027+00	3032+00	500	8	1	1	333			
CUMB BB	0800+00	0803+00	300	8	2	1	400			
CUMB BB	0803+00	0806+50	350	4	2	1	233			
ALL STAGES			100	12	1	1	100			
WEAR AND TEAR 25%						0.25	3607			

Z0062456							TOTAL	5964	SQ YD
TEMPORARY PAVEMENT									
ALIGNMENT	FROM STATION	FROM OFFSET	TO STATION	TO OFFSET	AREA (SQ FT)	SUBTOTALS			
PRESTAGE SUB STAGE A									
EX CUMB RAMP BB	10+95	7.5 RT	21+64	9.0 RT	13040	1449			
EX CUMB RAMP BB	23+52.3	59.1 LT	21+22.9	46.3 LT	3480	387			
EX CUMB RAMP B	10+00	27.8 LT	21+53	13.2 LT	14328	1592			
EX 90	3044+96	75.2 RT	3050+60	73 RT	1677	186			
EX 90	3050+20	120.2 RT	3054+18	86.26 RT	3734	415			
EX 90	3058+36.6	79.3 RT	3069+67	77.1 RT	4495	499			
EX 90	3083+60	66.7 RT	3088+27	62.5 RT	2116	235			
EX 90	3105+90	79.2 RT	3106+33	82.6 RT	429	48			
STAGE 1									
EX 90	3101+00	86.5 RT	3105+86	106.5 RT	1281	142			
EX 90	3105+86	96.6 RT	3106+66	106.5 RT	483	54			
STAGE 1 SUBSTAGE A									
TEMP RAMPBB	1+72	0.1 RT	7+44	17.5 LT	8614	957			

44201827										TOTAL	31	SQ YD
CLASS D PATCHES, TYPE II, 15 INCH												
SHEET	PIPE NO.	DEPTH UP	DEPTH DN	AVG DEPTH	PIPE SIZE	TRENCH WIDTH	TRENCH LENGTH	TRENCH AREA	SO FT	SUBTOTALS		
DRN-03 2075	3.21	3.988	3.599	30	FT	FT	FT	95.41	11			
DRN-03 2075	3.21	3.988	3.599	30	4.46	21.4	57.96	6				
DRN-03 2075	3.21	3.988	3.599	30	4.46	13	57.96	6				
DRN-03 2075	3.21	3.988	3.599	30	4.46	13	64.20	7				
					4.46	14.4						

MOT-SCH-5

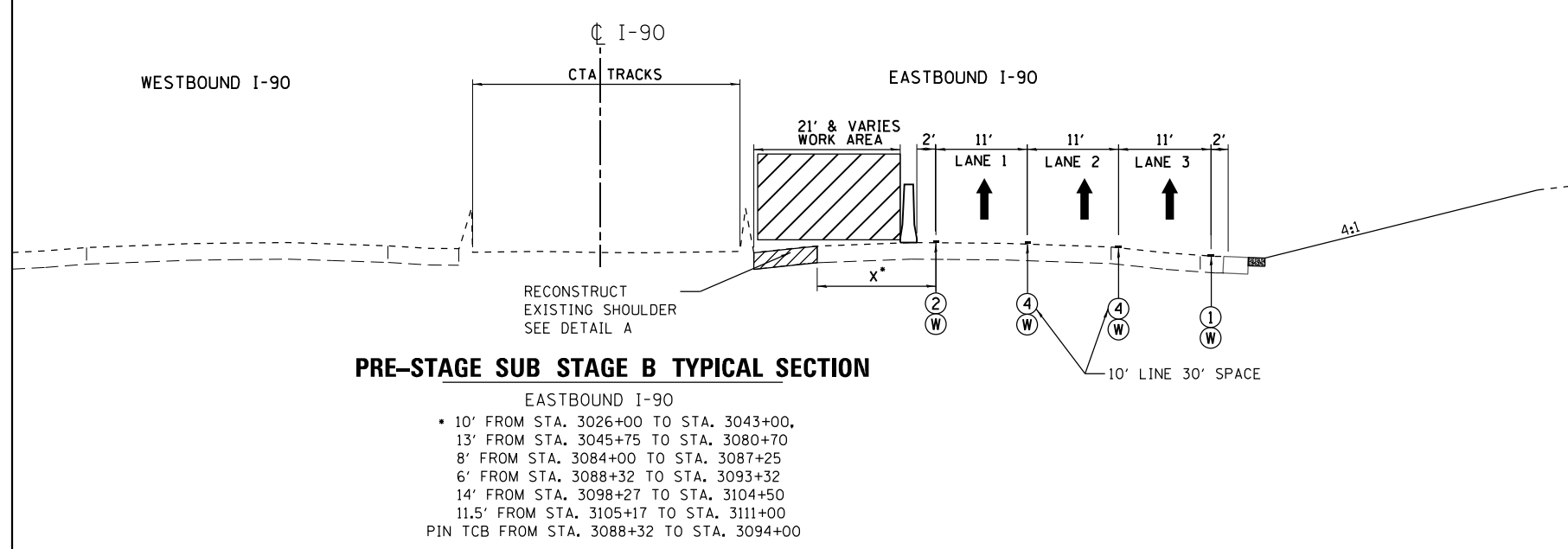
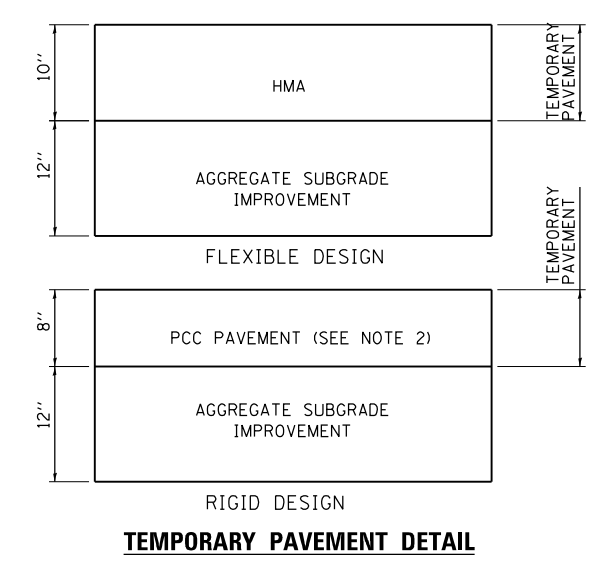
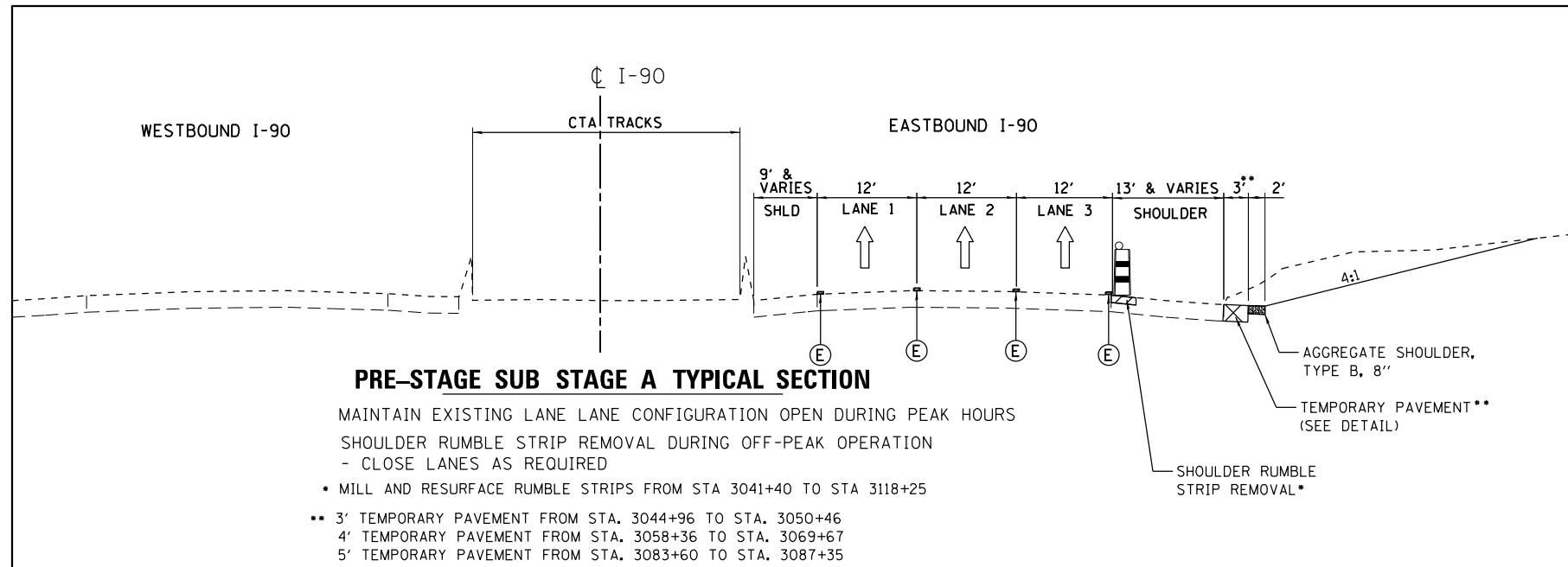


USER NAME = mohamma	DESIGNED MM	REVISED -
PLOT SCALE = 2.0000' / in.	DRAWN MM	REVISED -
PLOT DATE = 6/21/2016	CHECKED KA	REVISED -
	DATE 5/6/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

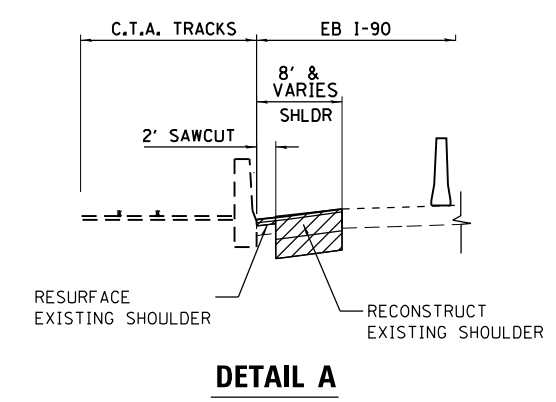
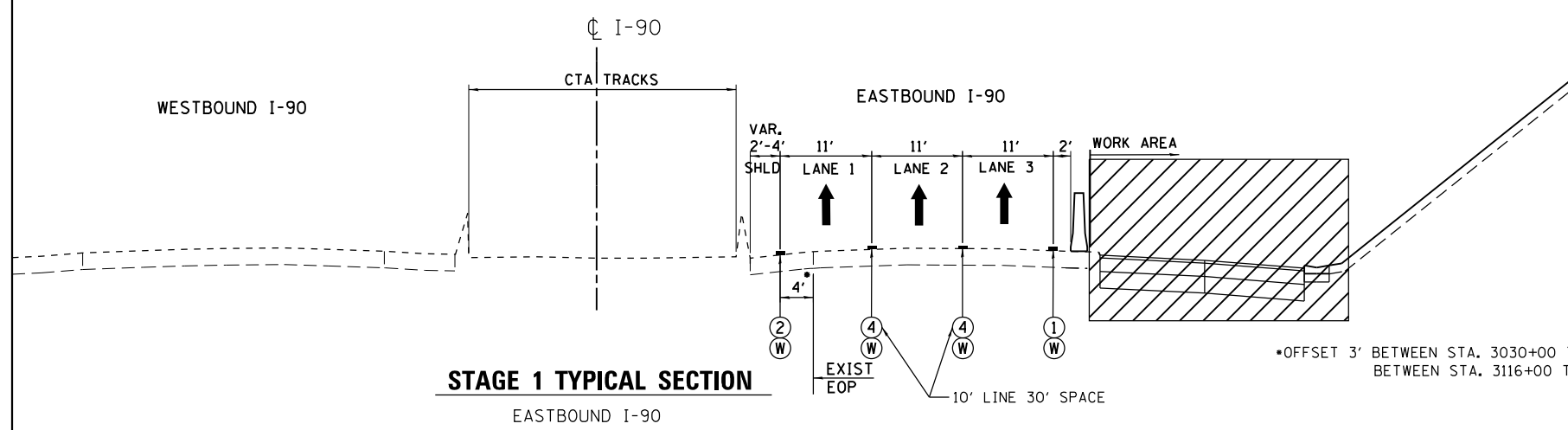
I-90 EASTBOUND FROM CUMBERLAND AVE TO HARLEM AVE
SUGGESTED STAGING AND TRAFFIC CONTROL
SCHEDULE OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	557	87
				CONTRACT NO. 60Y38
SCALE:		SHEET NO. 5 OF 5 SHEETS	STA.	TO STA.
ILLINOIS FED. AID PROJECT				



TEMPORARY PAVEMENT NOTES:

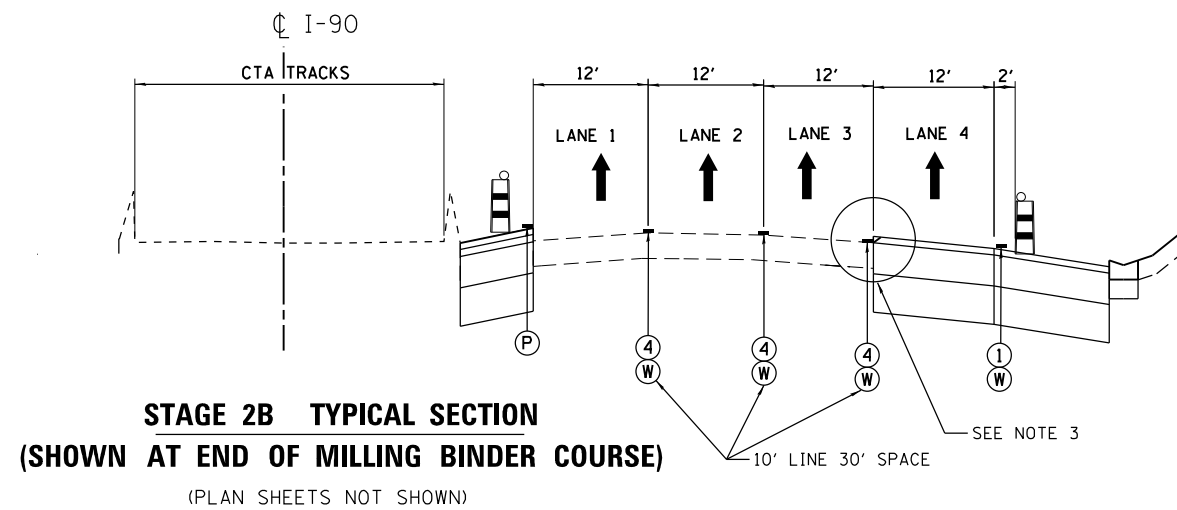
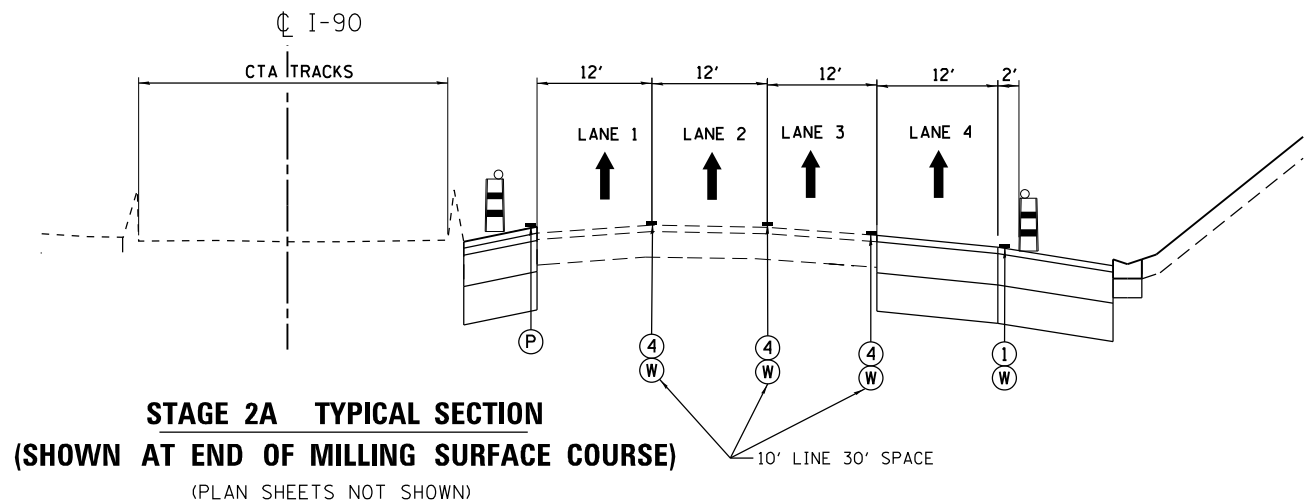
- TEMPORARY PAVEMENT SHALL BE EITHER PORTLAND CEMENT CONCRETE OR HMA PAVEMENT. TEMPORARY PAVEMENT SHALL BE PLACED OVER AGGREGATE SUBGRADE IMPROVEMENT 12"
- IF CONTRACTOR CHOOSES TO USE PC CONCRETE TEMPORARY PAVEMENT, THE PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATIONS.
- TEMPORARY PAVEMENT REMOVAL WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQ.YD. FOR PAVEMENT REMOVAL.
- AGGREGATE SUBGRADE IMPROVEMENT 12" WILL NOT BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQ.YD. FOR PAVEMENT REMOVAL. THE REMOVAL OF AGGREGATE SUBGRADE MATERIAL REQUIRED BY THE PROPOSED CROSS SECTION WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION.



MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA
	TEMPORARY PAVEMENT (CURRENT STAGE)
	TEMPORARY PAVEMENT (PREVIOUS STAGES)
	EXISTING TRAFFIC DIRECTION
	PROPOSED TRAFFIC DIRECTION
	TEMPORARY CONCRETE BARRIER
	DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT
	VERTICAL PANEL WITH STEADY BURN MONO-DIRECTIONAL LIGHT
①	PVT MK - LINE 4" WHITE
②	PVT MK - LINE 4" YELLOW
③	PVT MK - DBL 4" YELLOW
④	PVT MK - LINE 5" WHITE
⑤	PVT MK - LINE 6" WHITE
⑥	PVT MK - LINE 8" WHITE
⑦	PVT MK - LINE 12"
⑧	PVT MK - LINE 24" WHITE
⑨	PVT MK - LTRS & SYMB
E	EXISTING PAVEMENT MARKING
W	WET REF TEM TAPE T3
P	PERMANENT PAVEMENT MARKING

USER NAME = mohammed	DESIGNED MM	REVISED -
DRAWN MM	REVISIONS -	
PLOT SCALE = 1,0000' / 1in.	CHECKED KA	REVISIONS -
PLOT DATE = 5/3/2016	DATE 5/6/2016	REVISIONS -

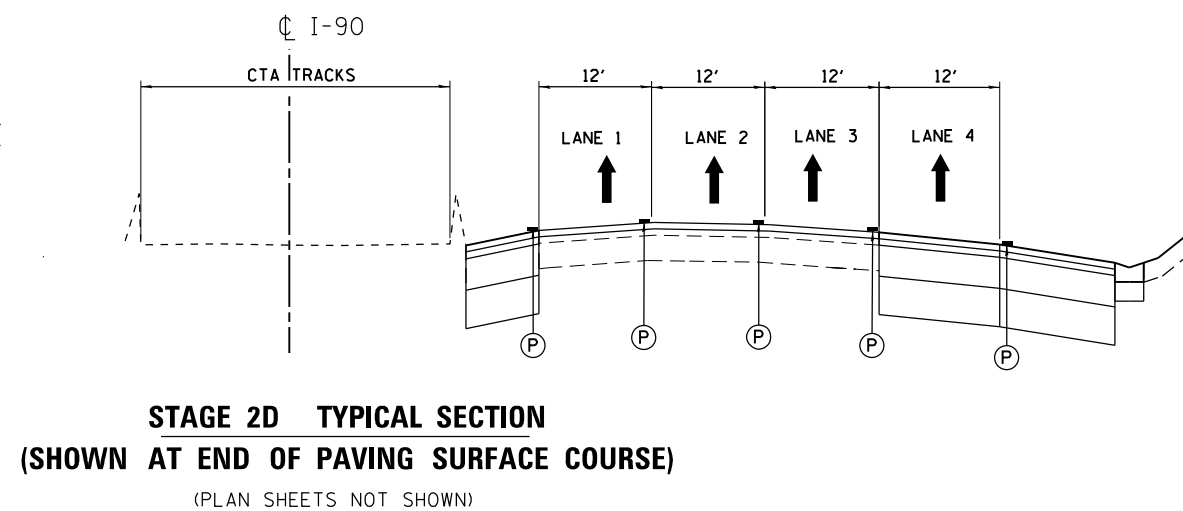
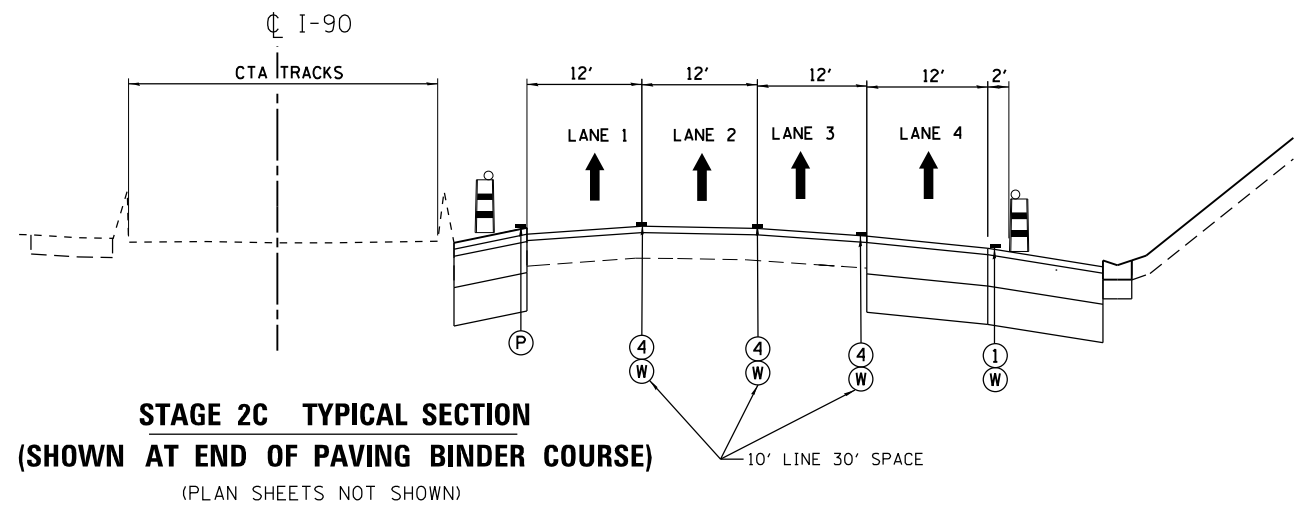


MAINTENANCE OF TRAFFIC LEGEND

- WORK AREA
- TEMPORARY PAVEMENT (CURRENT STAGE)
- TEMPORARY PAVEMENT (PREVIOUS STAGES)
- EXISTING TRAFFIC DIRECTION
- PROPOSED TRAFFIC DIRECTION
- TEMPORARY CONCRETE BARRIER
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- VERTICAL PANEL WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- ① PVT MK - LINE 4" WHITE
- ② PVT MK - LINE 4" YELLOW
- ③ PVT MK - DBL 4" YELLOW
- ④ PVT MK - LINE 5" WHITE
- ⑤ PVT MK - LINE 6" WHITE
- ⑥ PVT MK - LINE 8" WHITE
- ⑦ PVT MK - LINE 12"
- ⑧ PVT MK - LINE 24" WHITE
- ⑨ PVT MK - LTRS & SYMB
- Ⓔ EXISTING PAVEMENT MARKING
- Ⓜ WET REF TEM TAPE T3
- Ⓟ PERMANENT PAVEMENT MARKING

STAGE 2A AND 2B NOTES:

- 1) PROPOSED FOUR (4) LANE MAINLINE TRAFFIC CONFIGURATION SHALL BE MAINTAINED ON FULL LANE WIDTHS AS SHOWN ON THE PAVEMENT MARKING SHEETS PMK-1 THRU PMK-4 DURING PEAK HOURS OR NON WORKING HOURS. ALL RAMP WITHIN THE PROJECT LIMIT SHALL BE OPEN ON PROPOSED FULL WIDTH DURING THIS STAGE.
- 2) MILL EXISTING SURFACE COURSE AND BINDER COURSE UTILIZING THE TEMPORARY LANE CLOSURE DURING ALLOWABLE HOURS LISTED IN SPECIAL PROVISION "KEEPING THE EXPRESSWAY OPEN TO TRAFFIC".
- 3) CONTRACTOR SHALL CONSTRUCT TEMPORARY WEDGE OR MILL SLOPE EDGE MIN 1:3 WHEN THE DROP-OFF BETWEEN TRAVEL LANES IS GREATER THAN 1 1/2" AND LESS THAN OR EQUAL TO 4" OF VERTICAL MILLED FACE. THE COST OF TEMPORARY WEDGE IS NOT PAID SEPARATELY, BUT IS INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).



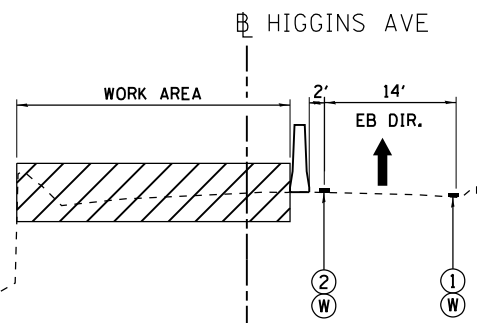
STAGE 2C AND 2D NOTES:

- 1) PROPOSED FOUR (4) LANE MAINLINE TRAFFIC CONFIGURATION SHALL BE MAINTAINED ON FULL LANE WIDTHS AS SHOWN ON THE PAVEMENT MARKING SHEETS PMK-1 THRU PMK-4 DURING PEAK HOURS OR NON WORKING HOURS. ALL RAMP WITHIN THE PROJECT LIMIT SHALL BE OPEN ON PROPOSED FULL WIDTH DURING THIS STAGE.
- 2) PAVE BINDER COURSE AND SURFACE COURSE UTILIZING THE TEMPORARY LANE CLOSURE ALONG EB I-90 DURING ALLOWABLE HOURS LISTED IN SPECIAL PROVISION "KEEPING THE EXPRESSWAY OPEN TO TRAFFIC".

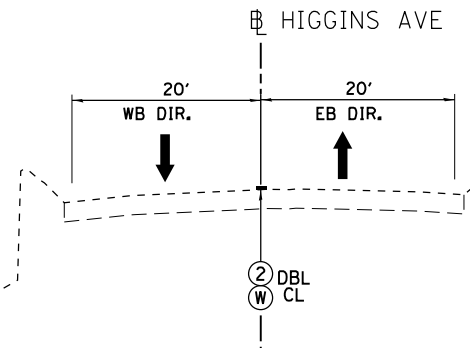
MOT-TYP-2

USER NAME = mohamma	DESIGNED MM	REVISED -
PLOT SCALE = 1,0000' / 1in.	DRAWN MM	REVISED -
PLOT DATE = 5/3/2016	CHECKED KA	REVISED -
	DATE 5/6/2016	REVISED -

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	557	89
CONTRACT NO. 60Y38				
ILLINOIS FED. AID PROJECT				



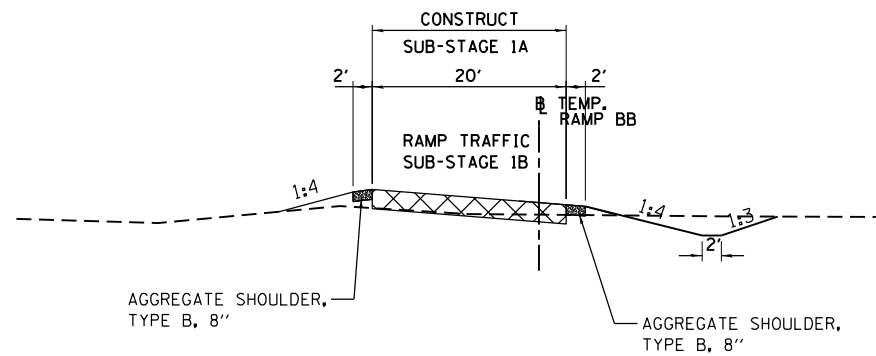
**STAGE 1 TYPICAL SECTION
HIGGINS AVE**



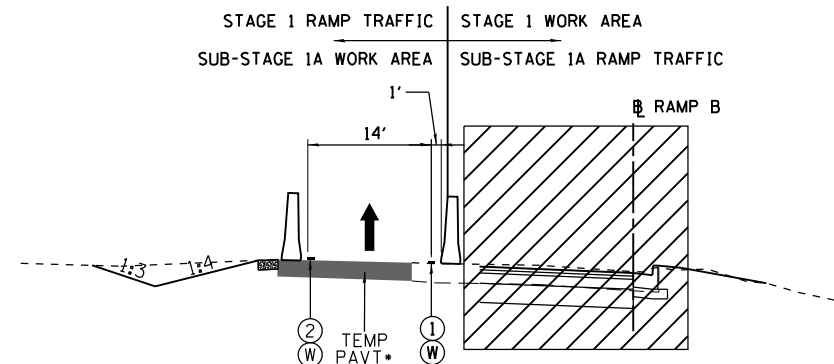
**STAGE 2 TYPICAL SECTION
HIGGINS AVE**
(PLAN SHEETS NOT SHOWN)

HIGGINS AVE NOTES:

- 1) NORMAL TWO DIRECTION TRAFFIC CONFIGURATION SHALL BE MAINTAINED ALONG HIGGINS AVE DURING PEAK HOURS OR NON WORKING HOURS DURING THIS STAGE.
- 2) MILL AND RESURFACE HIGGINS AVE UTILIZING THE TEMPORARY LANE CLOSURE AS SPECIFIED IN SPECIAL PROVISION "KEEPING ARTERIAL ROADWAYS OPEN TO TRAFFIC (LANE CLOSURE ONLY)".
- 3) CONTRACTOR SHALL CONSTRUCT TEMPORARY WEDGE OR MILL SLOPE EDGE MIN 1:3 WHEN THE DROP-OFF BETWEEN TRAVEL LANES IS GREATER THAN 1 1/2" AND LESS THAN OR EQUAL TO 4" OF VERTICAL MILLED FACE. THE COST OF TEMPORARY WEDGE IS NOT PAID SEPARATELY, BUT IS INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).

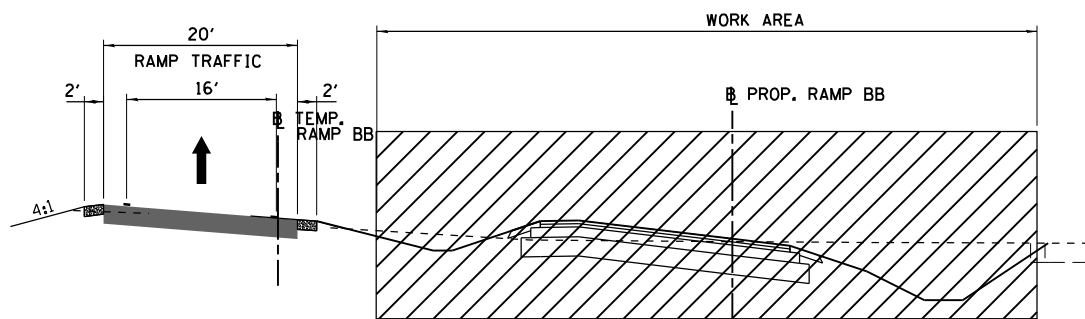


STAGE 1 SUBSTAGE A TYPICAL SECTION
CUMBERLAND RAMP BB
TEMPORARY ALIGNMENT

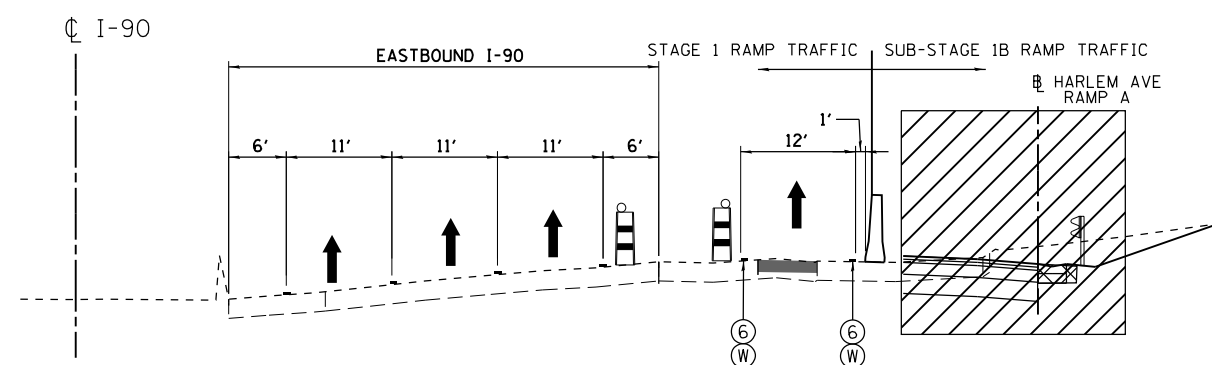


STAGE 1 AND SUBSTAGE A TYPICAL SECTION
CUMBERLAND RAMP B

• TEMPORARY PAVEMENT ALONG CUMBERLAND RAMP B IS INSTALLED DURING PRESTAGE A. FOR DETAILS REGARDING TEMPORARY WIDENING REFER TO SHEET MOT-DTL-2.



STAGE 1 SUBSTAGE B TYPICAL SECTION
CUMBERLAND RAMP BB



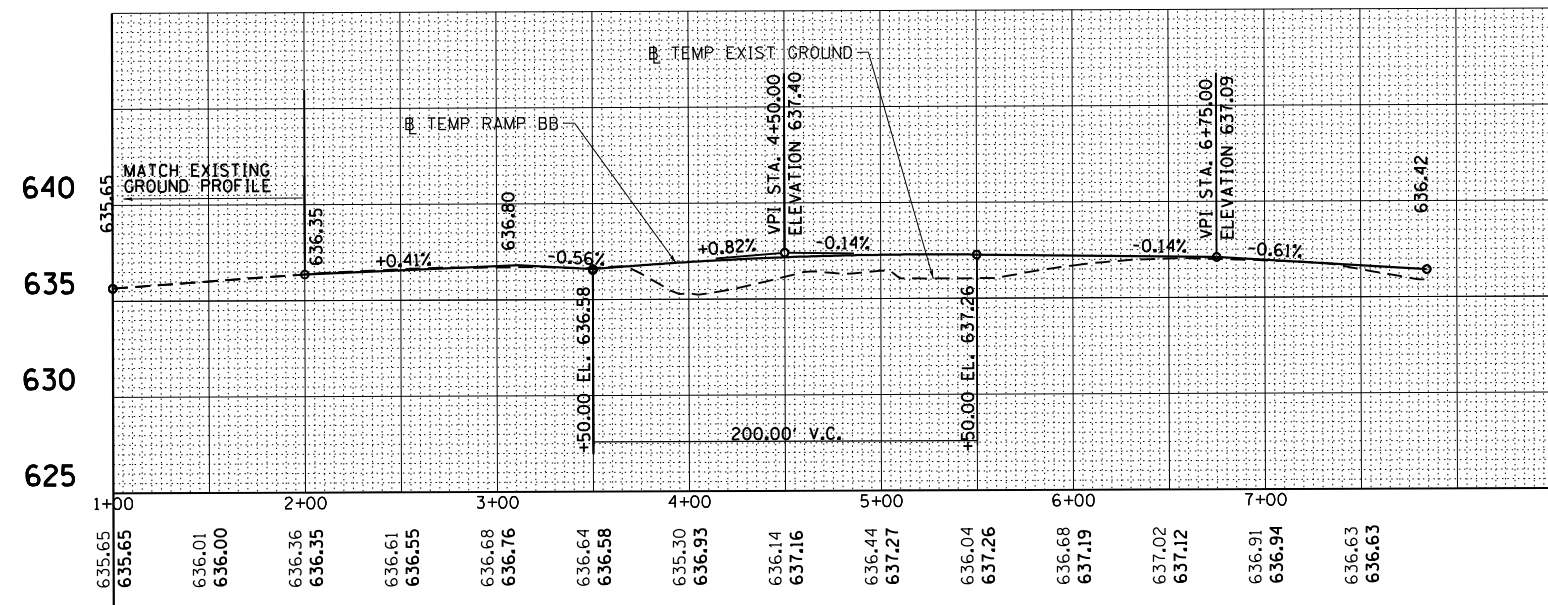
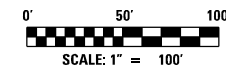
STAGE 1 AND SUBSTAGE B TYPICAL SECTION
HARLEM RAMP A

MAINTENANCE OF TRAFFIC LEGEND

- WORK AREA
- TEMPORARY PAVEMENT (CURRENT STAGE)
- TEMPORARY PAVEMENT (PREVIOUS STAGES)
- EXISTING TRAFFIC DIRECTION
- PROPOSED TRAFFIC DIRECTION
- TEMPORARY CONCRETE BARRIER
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- VERTICAL PANEL WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- ① PVT MK - LINE 4" WHITE
- ② PVT MK - LINE 4" YELLOW
- ③ PVT MK - DBL 4" YELLOW
- ④ PVT MK - LINE 5" WHITE
- ⑤ PVT MK - LINE 6" WHITE
- ⑥ PVT MK - LINE 8" WHITE
- ⑦ PVT MK - LINE 12"
- ⑧ PVT MK - LINE 24" WHITE
- ⑨ PVT MK - LTRS & SYMB
- E EXISTING PAVEMENT MARKING
- W WET REF TEM TAPE T3
- P PERMANENT PAVEMENT MARKING

USER NAME = mohammed	DESIGNED MM	REVISED -
PLOT SCALE = 1,0000' / 1in.	DRAWN MM	REVISED -
PLOT DATE = 5/3/2016	CHECKED KA	REVISED -
	DATE 5/6/2016	REVISED -

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	557	90
CONTRACT NO. 60Y38				
ILLINOIS FED. AID PROJECT				

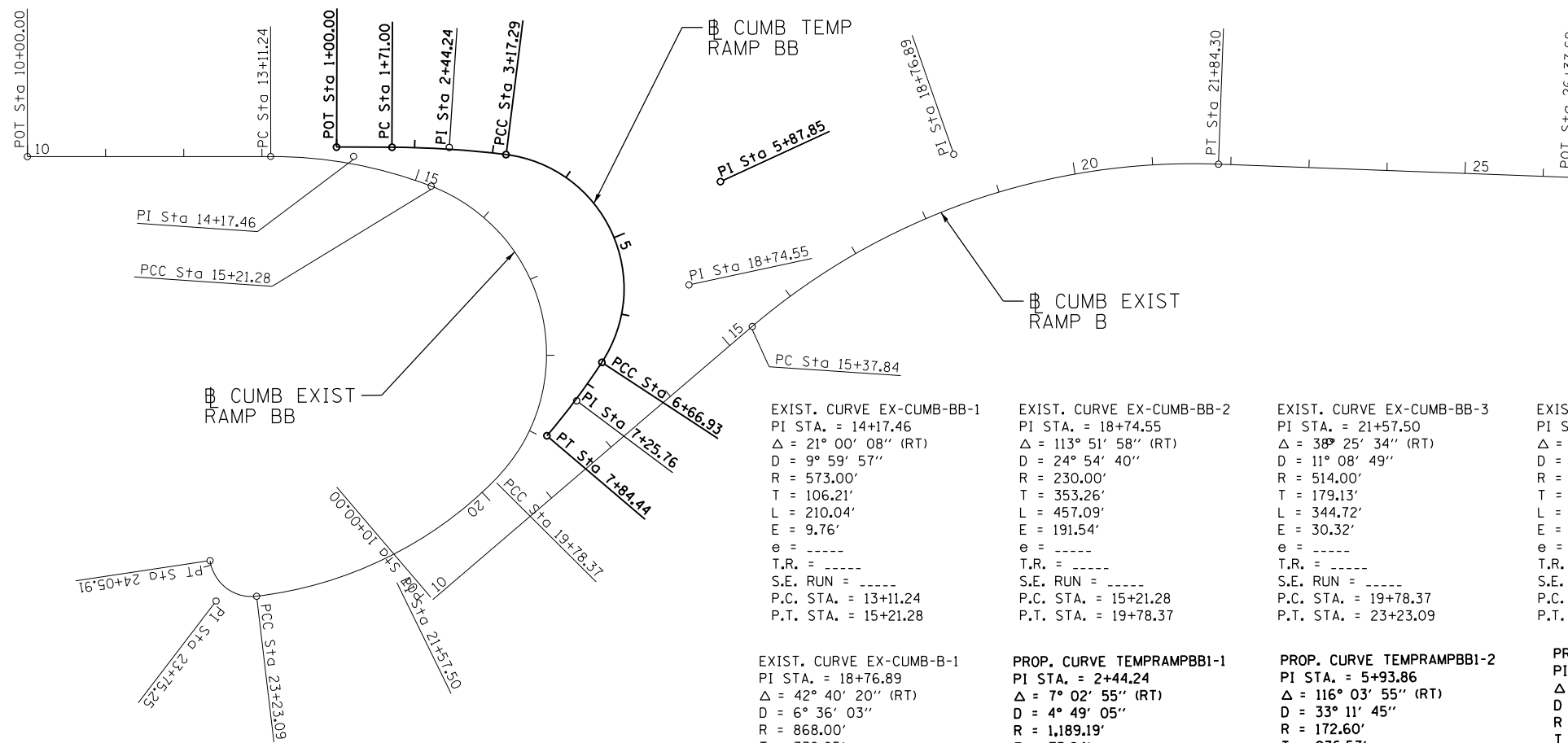


TEMP RAMP BB PROFILE

ALIGNMENT COORDINATES TEMP CUMBERLAND RAMP BB				
CURVE	POINT	STATION	NORTHING	EASTING
	POB	1+00.00	1119494.8	1937233.08
TEMP_CUMBBB-1	PC	1+71.00	1119494.75	1937233.08
	PI	2+44.24	1119638.68	1937242.45
	PT	3+17.29	1119711.80	1937238.21
TEMP_CUMBBB-2	PC	3+17.29	1119711.80	1937238.21
	PI	5+87.85		
	PT	6+66.93	1119852.18	1936981.19
TEMP_CUMBBB-3	PC	6+66.93	1119852.18	1936981.19
	PI	7+25.76	1119823.31	1936929.93
	PT	7+84.44	1119788.26	1936882.68

ALIGNMENT COORDINATES EX CUMBERLAND RAMP BB				
CURVE	POINT	STATION	NORTHING	EASTING
	POB	10+00.00	1119100.9	1937194.26
EX_CUMBBB-1	PC	13+11.24	1119411.47	1937215.46
	PI	14+17.46	1119517.43	1937222.69
	PT	15+21.28	1119618.95	1937191.47
EX_CUMBBB-2	PC	15+21.28	1119618.95	1937191.47
	PI	18+74.55		
	PT	19+78.37	1119728.04	1936818.23
EX_CUMBBB-3	PC	19+78.37	1119728.04	1936818.23
	PI	21+57.50		
	PT	23+23.09	1119431.53	1936652.60
EX_CUMBBB-4	PC	23+23.09	1119431.53	1936652.60
	PI	23+75.25		
	PT	24+05.91	1119369.11	1936693.95

ALIGNMENT COORDINATES EX CUMBERLAND RAMP B				
CURVE	POINT	STATION	NORTHING	EASTING
	POB	10+00	1119656.8	1936663.65
EX_CUMBB-1	PC	15+37.84	1120041.05	1937040.00
	PI	21+84.30	1120622.16	1937287.50
	PT	26+37.69	1121075.35	1937301.22



EXIST. CURVE EX-CUMB-BB-1
 PI STA. = 14+17.46
 $\Delta = 21^\circ 00' 08''$ (RT)
 $D = 9^\circ 59' 57''$
 $R = 573.00'$
 $T = 106.21'$
 $L = 210.04'$
 $E = 9.76'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 13+11.24$
 $P.T. STA. = 15+21.28$

EXIST. CURVE EX-CUMB-BB-2
 PI STA. = 18+74.55
 $\Delta = 113^\circ 51' 58''$ (RT)
 $D = 24^\circ 54' 40''$
 $R = 230.00'$
 $T = 353.26'$
 $L = 457.09'$
 $E = 191.54'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 15+21.28$
 $P.T. STA. = 19+78.37$

EXIST. CURVE EX-CUMB-BB-3
 PI STA. = 21+57.50
 $\Delta = 38^\circ 25' 34''$ (RT)
 $D = 11^\circ 08' 49''$
 $R = 514.00'$
 $T = 179.13'$
 $L = 344.72'$
 $E = 30.32'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 19+78.37$
 $P.T. STA. = 23+23.09$

EXIST. CURVE EX-CUMB-BB-4
 PI STA. = 23+75.25
 $\Delta = 88^\circ 15' 57''$ (RT)
 $D = 106^\circ 34' 59''$
 $R = 53.76'$
 $T = 52.15'$
 $L = 82.81'$
 $E = 21.14'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 23+23.09$
 $P.T. STA. = 24+05.91$

EXIST. CURVE EX-CUMB-B-1
 PI STA. = 18+76.89
 $\Delta = 42^\circ 40' 20''$ (RT)
 $D = 6^\circ 36' 03''$
 $R = 868.00'$
 $T = 339.05'$
 $L = 646.46'$
 $E = 63.87'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 15+37.84$
 $P.T. STA. = 21+84.30$

PROP. CURVE TEMPRAMPBB1-1
 PI STA. = 2+44.24
 $\Delta = 7^\circ 02' 55''$ (RT)
 $D = 4^\circ 49' 05''$
 $R = 1,189.19'$
 $T = 73.24'$
 $L = 146.30'$
 $E = 2.25'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 1+71.00$
 $P.T. STA. = 3+17.29$

PROP. CURVE TEMPRAMPBB1-2
 PI STA. = 5+93.86
 $\Delta = 116^\circ 03' 55''$ (RT)
 $D = 33^\circ 11' 45''$
 $R = 172.60'$
 $T = 276.57'$
 $L = 349.64'$
 $E = 153.41'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 3+17.29$
 $P.T. STA. = 6+66.93$

PROP. CURVE TEMPRAMPBB1-3
 PI STA. = 7+25.76
 $\Delta = 7^\circ 10' 25''$ (RT)
 $D = 6^\circ 06' 17''$
 $R = 938.55'$
 $T = 58.83'$
 $L = 117.51'$
 $E = 1.84'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 6+66.93$
 $P.T. STA. = 7+84.44$

MOT-ALG-1

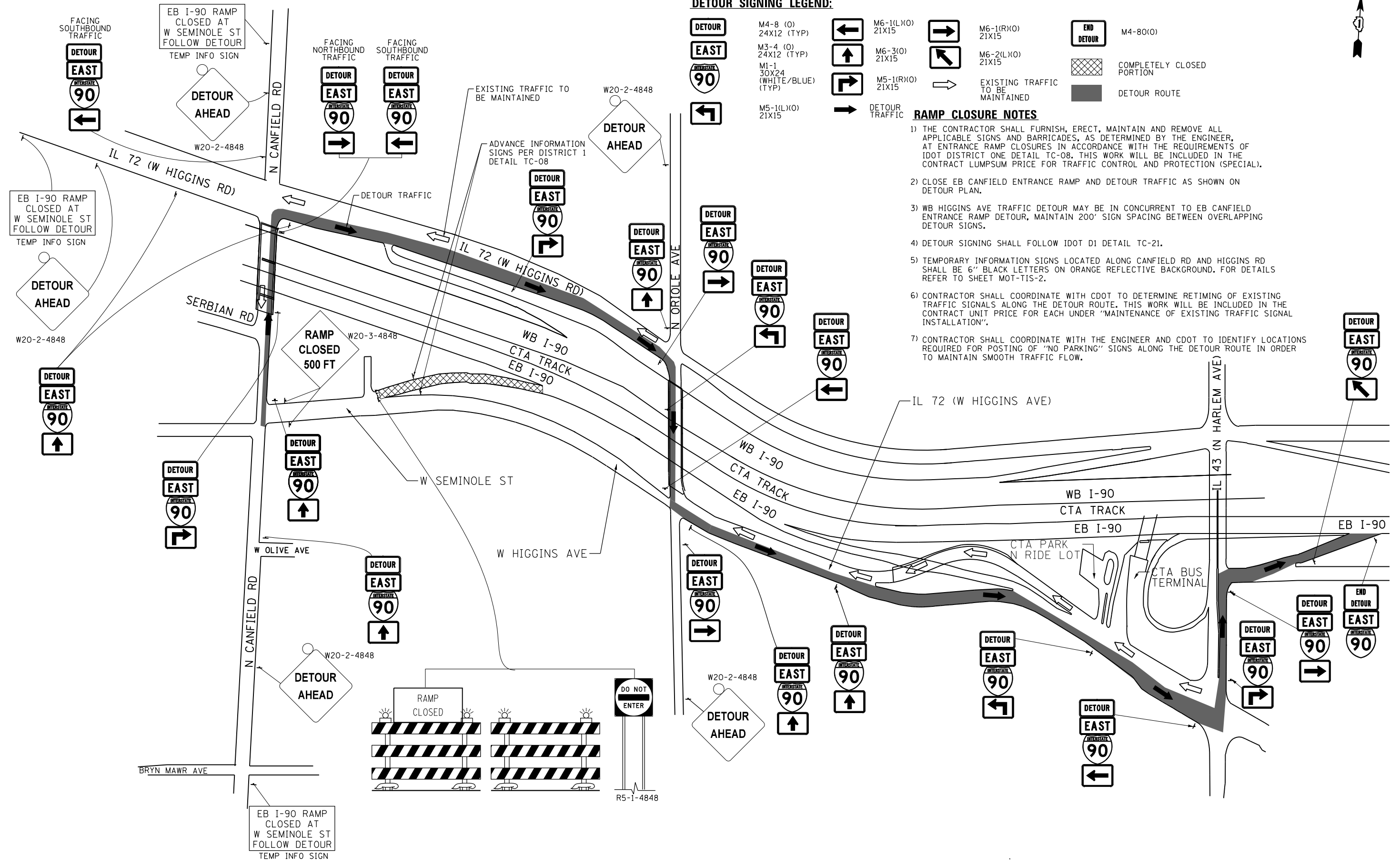


DETOUR SIGNING LEGEND:

	M4-8 (O) 24X12 (TYP)		M6-1(L)(O) 21X15		M6-1(R)(O) 21X15		M4-80(O)
	M3-4 (O) 24X12 (TYP)		M6-3(O) 21X15		M6-2(L)(O) 21X15		COMPLETELY CLOSED PORTION
	M1-1 30X24 (WHITE/BLUE) (TYP)		M5-1(R)(O) 21X15				DETOUR ROUTE
	M5-1(L)(O) 21X15		EXISTING TRAFFIC TO BE MAINTAINED				

RAMP CLOSURE NOTES

- 1) THE CONTRACTOR SHALL FURNISH, ERECT, MAINTAIN AND REMOVE ALL APPLICABLE SIGNS AND BARRICADES, AS DETERMINED BY THE ENGINEER, AT ENTRANCE RAMP CLOSURES IN ACCORDANCE WITH THE REQUIREMENTS OF IDOT DISTRICT ONE DETAIL TC-08. THIS WORK WILL BE INCLUDED IN THE CONTRACT LUMPSUM PRICE FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).
- 2) CLOSE EB CANFIELD ENTRANCE RAMP AND DETOUR TRAFFIC AS SHOWN ON DETOUR PLAN.
- 3) WB HIGGINS AVE TRAFFIC DETOUR MAY BE IN CONCURRENT TO EB CANFIELD ENTRANCE RAMP DETOUR, MAINTAIN 200' SIGN SPACING BETWEEN OVERLAPPING DETOUR SIGNS.
- 4) DETOUR SIGNING SHALL FOLLOW IDOT D1 DETAIL TC-21.
- 5) TEMPORARY INFORMATION SIGNS LOCATED ALONG CANFIELD RD AND HIGGINS RD SHALL BE 6" BLACK LETTERS ON ORANGE REFLECTIVE BACKGROUND. FOR DETAILS REFER TO SHEET MOT-TIS-2.
- 6) CONTRACTOR SHALL COORDINATE WITH CDOT TO DETERMINE RETIMING OF EXISTING TRAFFIC SIGNALS ALONG THE DETOUR ROUTE. THIS WORK WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR EACH UNDER "MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION".
- 7) CONTRACTOR SHALL COORDINATE WITH THE ENGINEER AND CDOT TO IDENTIFY LOCATIONS REQUIRED FOR POSTING OF "NO PARKING" SIGNS ALONG THE DETOUR ROUTE IN ORDER TO MAINTAIN SMOOTH TRAFFIC FLOW.



MOT-DET-1

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USER NAME = mohamma	DESIGNED APR	REVISED -
DRAWN APR	REVISED -	
CHECKED MAM	REVISED -	
DATE 5/6/2016	REVISED -	

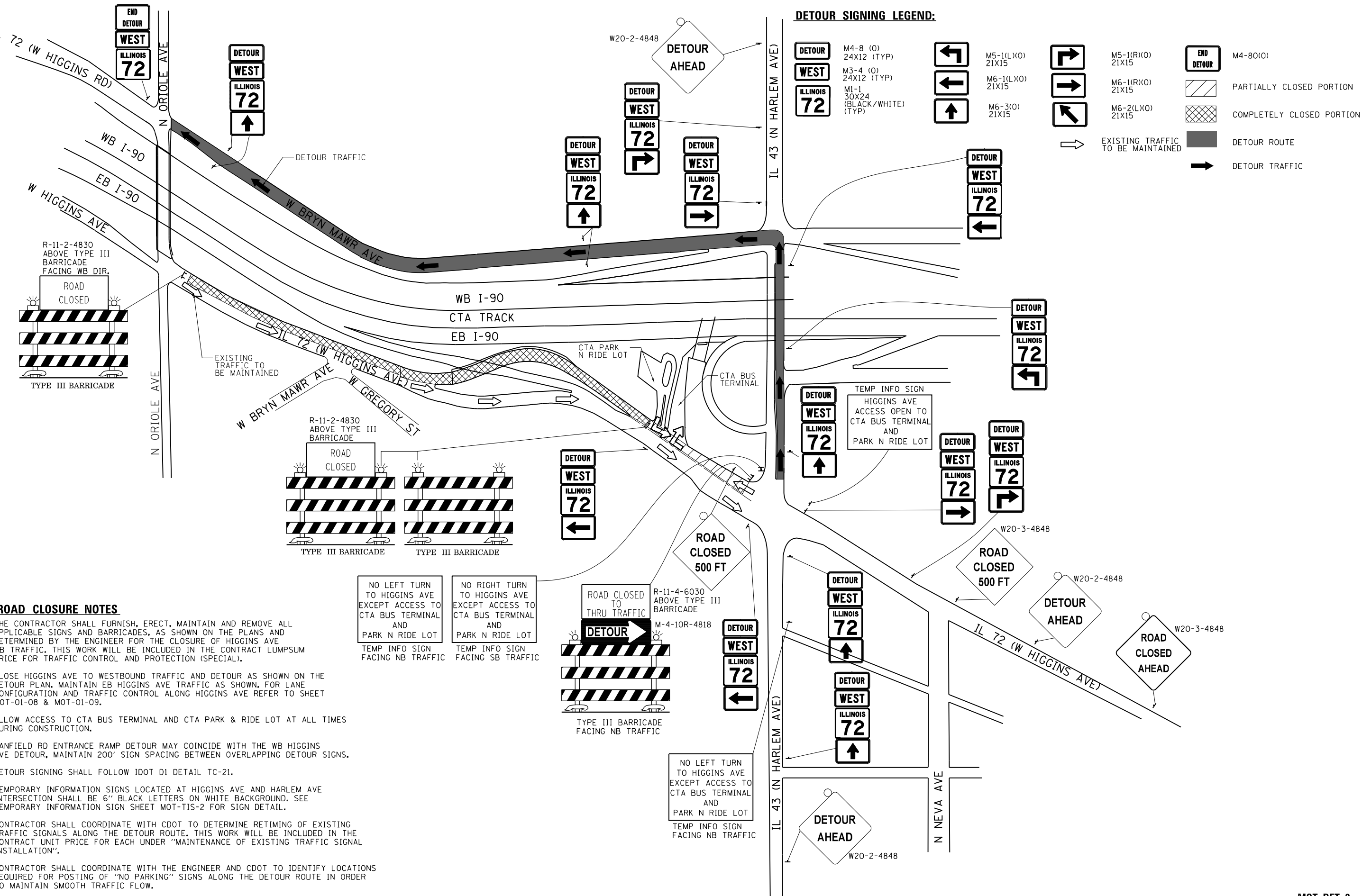
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 EASTBOUND FROM CUMBERLAND AVE TO HARLEM AVE
SUGGESTED STAGING AND TRAFFIC CONTROL
CANFIELD ENTRANCE RAMP DETOUR**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	557	92
CONTRACT NO. 60Y38				
ILLINOIS FED. AID PROJECT				

FILE NAME = D160Y38-shr-staging Detour-01.dgn



DETOUR SIGNING LEGEND:

	M4-8 (0) 24X12 (TYP)		M5-1(L)(0) 21X15		M4-80(0)
	M3-4 (0) 24X12 (TYP)		M6-1(L)(0) 21X15		PARTIALLY CLOSED PORTION
	M1-1 30X24 (BLACK/WHITE) (TYP)		M6-3(0) 21X15		COMPLETELY CLOSED PORTION
					DETOUR ROUTE
					DETOUR TRAFFIC

EXISTING TRAFFIC TO BE MAINTAINED

ROAD CLOSURE NOTES

- 1) THE CONTRACTOR SHALL FURNISH, ERECT, MAINTAIN AND REMOVE ALL APPLICABLE SIGNS AND BARRICADES, AS SHOWN ON THE PLANS AND DETERMINED BY THE ENGINEER FOR THE CLOSURE OF HIGGINS AVE WB TRAFFIC. THIS WORK WILL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).
- 2) CLOSE HIGGINS AVE TO WESTBOUND TRAFFIC AND DETOUR AS SHOWN ON THE DETOUR PLAN. MAINTAIN EB HIGGINS AVE TRAFFIC AS SHOWN. FOR LANE CONFIGURATION AND TRAFFIC CONTROL ALONG HIGGINS AVE REFER TO SHEET MOT-01-08 & MOT-01-09.
- 3) ALLOW ACCESS TO CTA BUS TERMINAL AND CTA PARK & RIDE LOT AT ALL TIMES DURING CONSTRUCTION.
- 4) CANFIELD RD ENTRANCE RAMP DETOUR MAY COINCIDE WITH THE WB HIGGINS AVE DETOUR, MAINTAIN 200' SIGN SPACING BETWEEN OVERLAPPING DETOUR SIGNS.
- 5) DETOUR SIGNING SHALL FOLLOW IDOT DI DETAIL TC-21.
- 6) TEMPORARY INFORMATION SIGNS LOCATED AT HIGGINS AVE AND HARLEM AVE INTERSECTION SHALL BE 6" BLACK LETTERS ON WHITE BACKGROUND. SEE TEMPORARY INFORMATION SIGN SHEET MOT-TIS-2 FOR SIGN DETAIL.
- 7) CONTRACTOR SHALL COORDINATE WITH CDOT TO DETERMINE RETIMING OF EXISTING TRAFFIC SIGNALS ALONG THE DETOUR ROUTE. THIS WORK WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR EACH UNDER "MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION".
- 8) CONTRACTOR SHALL COORDINATE WITH THE ENGINEER AND CDOT TO IDENTIFY LOCATIONS REQUIRED FOR POSTING OF "NO PARKING" SIGNS ALONG THE DETOUR ROUTE IN ORDER TO MAINTAIN SMOOTH TRAFFIC FLOW.

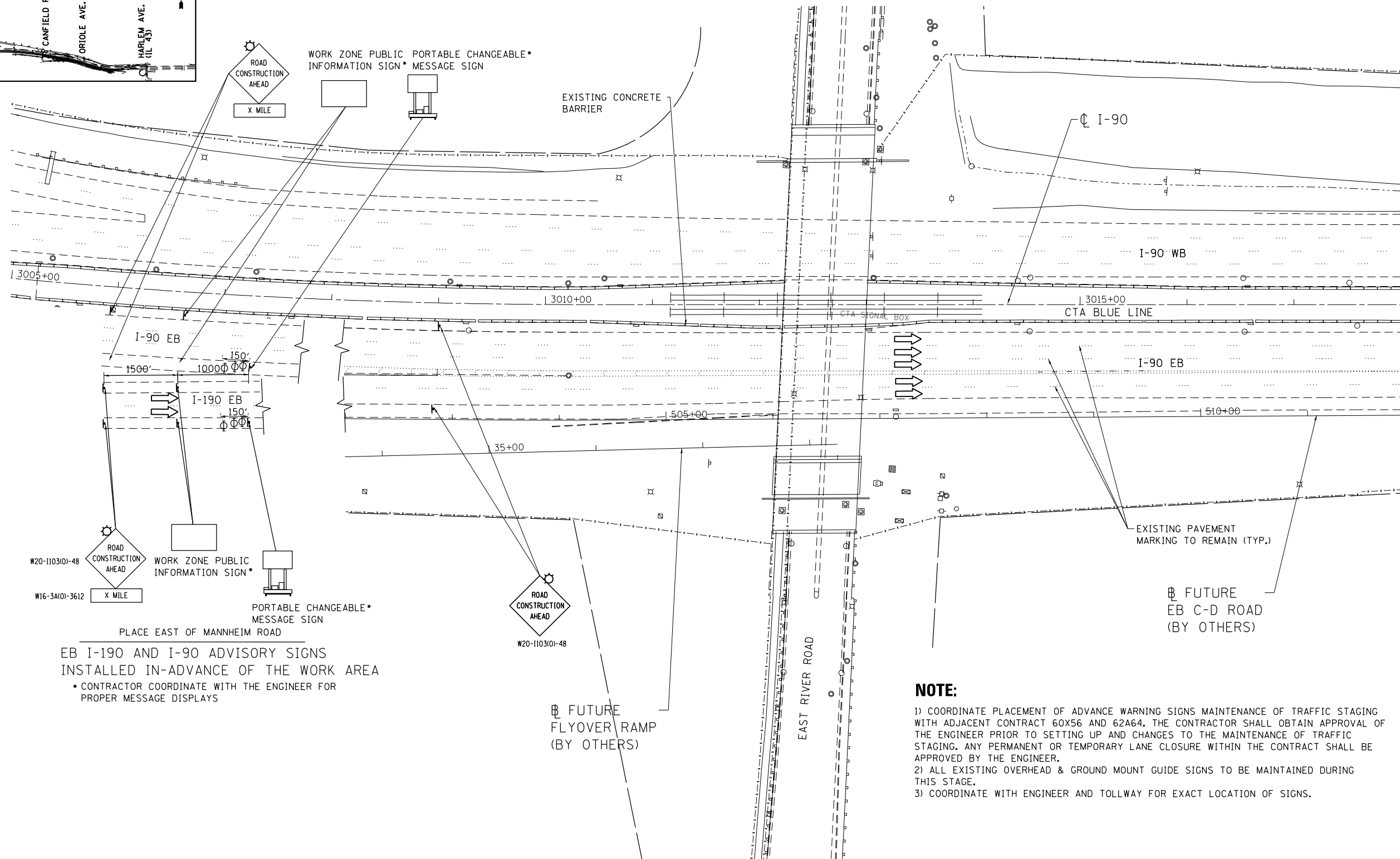
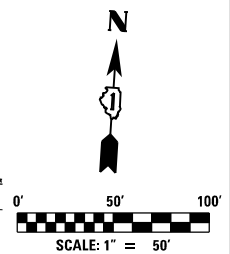
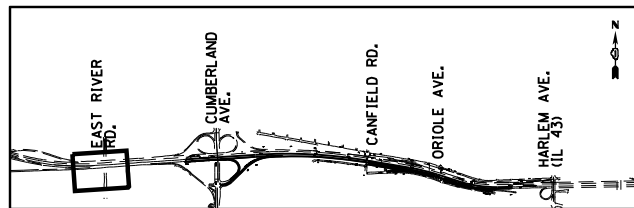
NO LEFT TURN TO HIGGINS AVE EXCEPT ACCESS TO CTA BUS TERMINAL AND PARK N RIDE LOT
TEMP INFO SIGN FACING NB TRAFFIC

NO RIGHT TURN TO HIGGINS AVE EXCEPT ACCESS TO CTA BUS TERMINAL AND PARK N RIDE LOT
TEMP INFO SIGN FACING SB TRAFFIC

ROAD CLOSED TO THRU TRAFFIC
TYPE III BARRICADE FACING NB TRAFFIC

NO LEFT TURN TO HIGGINS AVE EXCEPT ACCESS TO CTA BUS TERMINAL AND PARK N RIDE LOT
TEMP INFO SIGN FACING NB TRAFFIC

FILE NAME = D169Y38-shs-staging Detour-02.dgn



ROAD CONSTRUCTION AHEAD
 WORK ZONE PUBLIC INFORMATION SIGN *
 MESSAGE SIGN
 PORTABLE CHANGEABLE *
 MESSAGE SIGN
 PLACE EAST OF MANNHEIM ROAD
 EB I-190 AND I-90 ADVISORY SIGNS
 INSTALLED IN-ADVANCE OF THE WORK AREA
 * CONTRACTOR COORDINATE WITH THE ENGINEER FOR
 PROPER MESSAGE DISPLAYS

NOTE:
 1) COORDINATE PLACEMENT OF ADVANCE WARNING SIGNS MAINTENANCE OF TRAFFIC STAGING WITH ADJACENT CONTRACT 60X56 AND 62A64. THE CONTRACTOR SHALL OBTAIN APPROVAL OF THE ENGINEER PRIOR TO SETTING UP AND CHANGES TO THE MAINTENANCE OF TRAFFIC STAGING. ANY PERMANENT OR TEMPORARY LANE CLOSURE WITHIN THE CONTRACT SHALL BE APPROVED BY THE ENGINEER.
 2) ALL EXISTING OVERHEAD & GROUND MOUNT GUIDE SIGNS TO BE MAINTAINED DURING THIS STAGE.
 3) COORDINATE WITH ENGINEER AND TOLLWAY FOR EXACT LOCATION OF SIGNS.

MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		EXISTING TRAFFIC DIRECTION		FLASHING MONO-DIRECTIONAL LIGHT	1	PVT MK - LINE 4" WHITE	7	PVT MK - LINE 12" WHITE
	TEMPORARY PAVEMENT (CURRENT STAGE)		PROPOSED TRAFFIC DIRECTION		ARROW BOARD	2	PVT MK - LINE 4" YELLOW	8	PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT (PREVIOUS STAGES)		BARRICADE, TYPE III, W/ FLASHING MONO-DIRECTIONAL LIGHTS		VERTICAL PANEL WITH STEADY BURN MONO-DIRECTIONAL LIGHT	3	PVT MK - DBL 4" YELLOW	9	PVT MK - LTRS & SYMB
	TEMPORARY CONCRETE BARRIER		TYPE II BARRICADE OR DRUM W/ STEADY BURN MONO-DIRECTIONAL LIGHT (SPACING AS NOTED)		TEMPORARY SIGN SUPPORT	4	PVT MK - LINE 5" WHITE	E	EXIST PVT MK
						5	PVT MK - LINE 6" WHITE	W	WET REF TEM TAPE T3
						6	PVT MK - LINE 8" WHITE	P	PERM PVT MK

MOT-PA-1

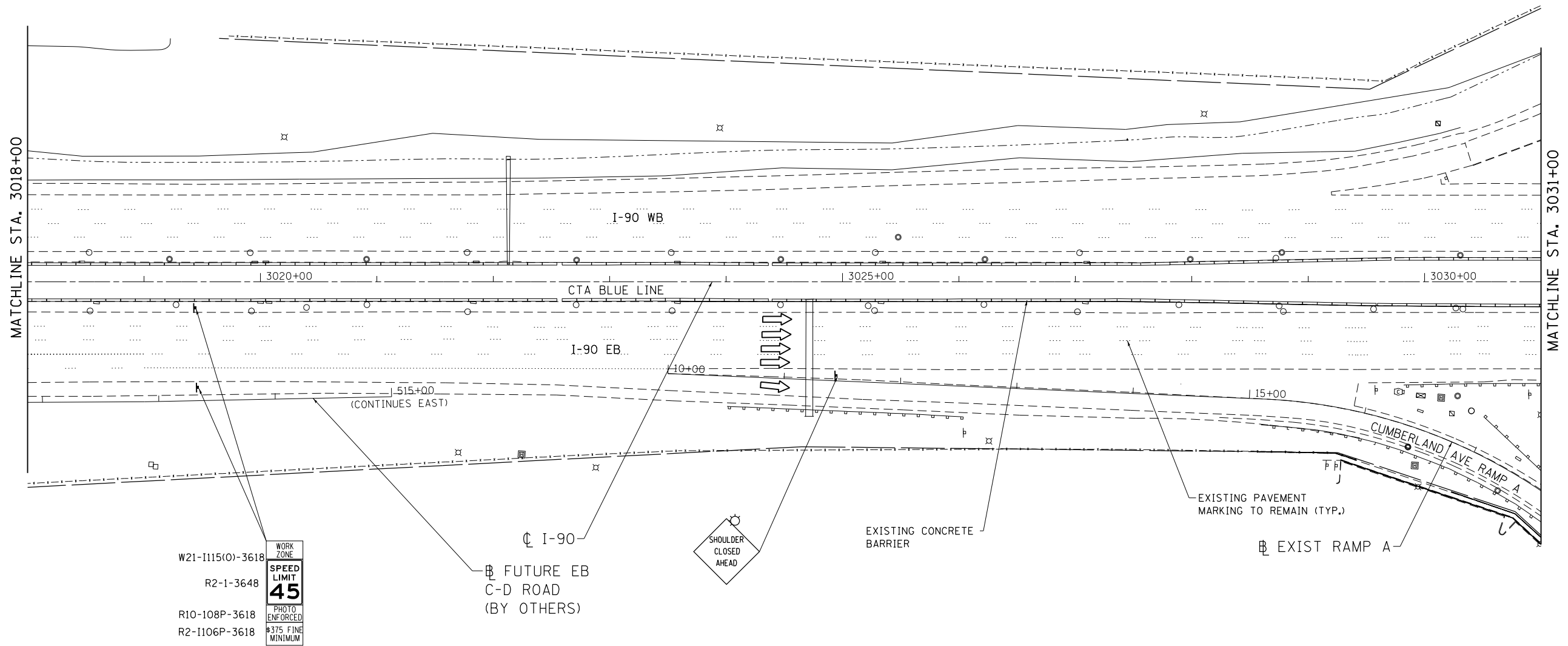
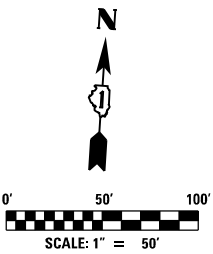
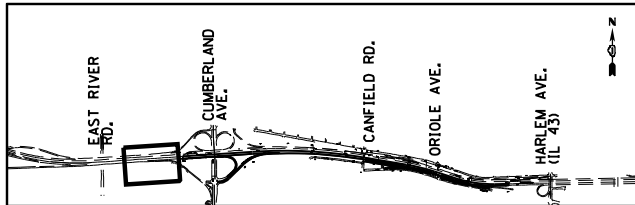
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USER NAME = mohamma	DESIGNED MM	REVISED -
PLOT SCALE = 1,000' / 1"	DRAWN MM	REVISED -
PLOT DATE = 5/3/2016	CHECKED KA	REVISED -
	DATE 5/6/2016	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

I-90 EASTBOUND FROM CUMBERLAND AVE TO HARLEM AVE
SUGGESTED STAGING AND TRAFFIC CONTROL
PRESTAGE SUB STAGE A
 SCALE: 1" = 50' SHEET NO. 1 OF 9 SHEETS STA. 3005+00 TO STA. 3031+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	557	94
CONTRACT NO. 60Y38				
ILLINOIS FED. AID PROJECT				



W21-1115(O)-3618
R2-1-3648
R10-108P-3618
R2-1106P-3618

WORK ZONE
SPEED LIMIT 45
PHOTO ENFORCED
\$375 FINE MINIMUM

⊕ FUTURE EB
C-D ROAD
(BY OTHERS)

EXISTING CONCRETE BARRIER

⊕ EXIST RAMP A

NOTES:

- 1) COORDINATE PLACEMENT OF ADVANCE WARNING SIGNS, STAGING AND TRAFFIC CONTROL WITH ADJACENT CONTRACT 60X56 AND 62A64.
- 2) TEMPORARY LANE CLOSURES AND SHOULDER CLOSURE ALONG EB I-90 WILL BE ALLOWED DURING THE HOURS SPECIFIED IN THE SPECIAL PROVISION "KEEPING THE EXPRESSWAY OPEN TO TRAFFIC".
- 3) ALL EXISTING OVERHEAD & GROUND MOUNT GUIDE SIGNS TO BE MAINTAINED DURING THIS STAGE.

MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		EXISTING TRAFFIC DIRECTION		FLASHING MONO-DIRECTIONAL LIGHT	①	PVT MK - LINE 4" WHITE	⑦	PVT MK - LINE 12" WHITE
	TEMPORARY PAVEMENT (CURRENT STAGE)		PROPOSED TRAFFIC DIRECTION		ARROW BOARD	②	PVT MK - LINE 4" YELLOW	⑧	PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT (PREVIOUS STAGES)		BARRICADE, TYPE III, W/ FLASHING MONO-DIRECTIONAL LIGHTS		VERTICAL PANEL WITH STEADY BURN MONO-DIRECTIONAL LIGHT	③	PVT MK - DBL 4" YELLOW	⑨	PVT MK - LTRS & SYMB
	TEMPORARY CONCRETE BARRIER		TYPE II BARRICADE OR DRUM W/ STEADY BURN MONO-DIRECTIONAL LIGHT (SPACING AS NOTED)		TEMPORARY SIGN SUPPORT	④	PVT MK - LINE 5" WHITE	E	EXIST PVT MK
						⑤	PVT MK - LINE 6" WHITE	W	WET REF TEM TAPE T3
						⑥	PVT MK - LINE 8" WHITE	P	PERM PVT MK

MOT-PA-2



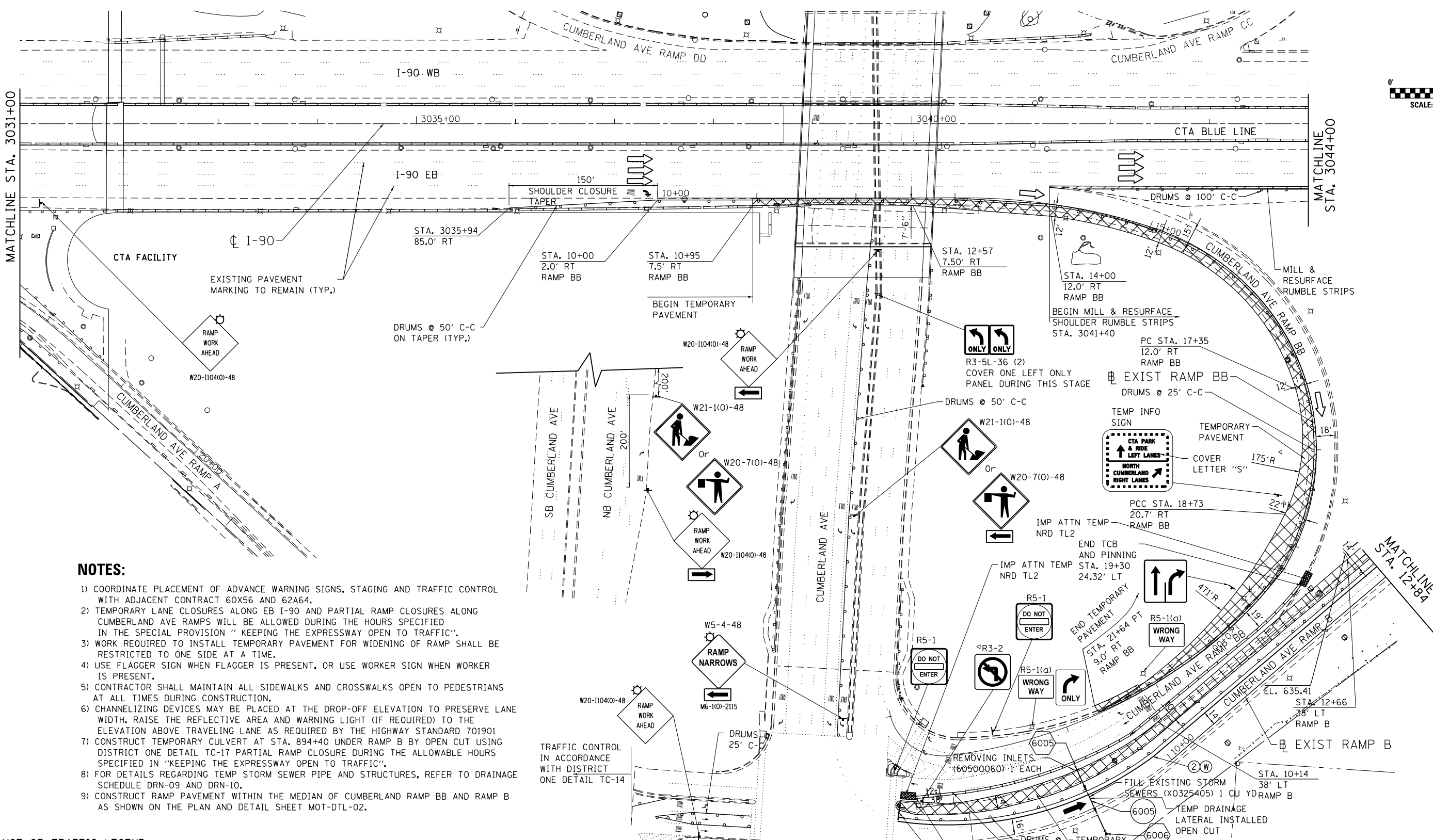
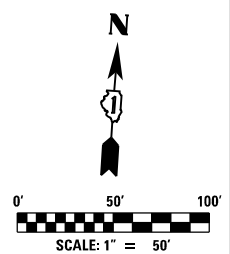
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PLOT SCALE = 1,0000' / 1in.	DRAWN MM	REVISED -
PLOT DATE = 5/3/2016	CHECKED KA	REVISED -
	DATE 5/6/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 EASTBOUND FROM CUMBERLAND AVE TO HARLEM AVE
SUGGESTED STAGING AND TRAFFIC CONTROL
PRESTAGE SUB STAGE A**

SCALE: 1" = 50' SHEET NO. 2 OF 9 SHEETS STA. 3005+00 TO STA. 3031+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	557	95
CONTRACT NO. 60Y38				
ILLINOIS FED. AID PROJECT				



NOTES:

- 1) COORDINATE PLACEMENT OF ADVANCE WARNING SIGNS, STAGING AND TRAFFIC CONTROL WITH ADJACENT CONTRACT 60X56 AND 62A64.
- 2) TEMPORARY LANE CLOSURES ALONG EB I-90 AND PARTIAL RAMP CLOSURES ALONG CUMBERLAND AVE RAMP B WILL BE ALLOWED DURING THE HOURS SPECIFIED IN THE SPECIAL PROVISION "KEEPING THE EXPRESSWAY OPEN TO TRAFFIC".
- 3) WORK REQUIRED TO INSTALL TEMPORARY PAVEMENT FOR WIDENING OF RAMP SHALL BE RESTRICTED TO ONE SIDE AT A TIME.
- 4) USE FLAGGER SIGN WHEN FLAGGER IS PRESENT, OR USE WORKER SIGN WHEN WORKER IS PRESENT.
- 5) CONTRACTOR SHALL MAINTAIN ALL SIDEWALKS AND CROSSWALKS OPEN TO PEDESTRIANS AT ALL TIMES DURING CONSTRUCTION.
- 6) CHANNELIZING DEVICES MAY BE PLACED AT THE DROP-OFF ELEVATION TO PRESERVE LANE WIDTH, RAISE THE REFLECTIVE AREA AND WARNING LIGHT (IF REQUIRED) TO THE ELEVATION ABOVE TRAVELING LANE AS REQUIRED BY THE HIGHWAY STANDARD 701901
- 7) CONSTRUCT TEMPORARY CULVERT AT STA. 894+40 UNDER RAMP B BY OPEN CUT USING DISTRICT ONE DETAIL TC-17 PARTIAL RAMP CLOSURE DURING THE ALLOWABLE HOURS SPECIFIED IN "KEEPING THE EXPRESSWAY OPEN TO TRAFFIC".
- 8) FOR DETAILS REGARDING TEMP STORM SEWER PIPE AND STRUCTURES, REFER TO DRAINAGE SCHEDULE DRN-09 AND DRN-10.
- 9) CONSTRUCT RAMP PAVEMENT WITHIN THE MEDIAN OF CUMBERLAND RAMP BB AND RAMP B AS SHOWN ON THE PLAN AND DETAIL SHEET MOT-DTL-02.

MAINTENANCE OF TRAFFIC LEGEND

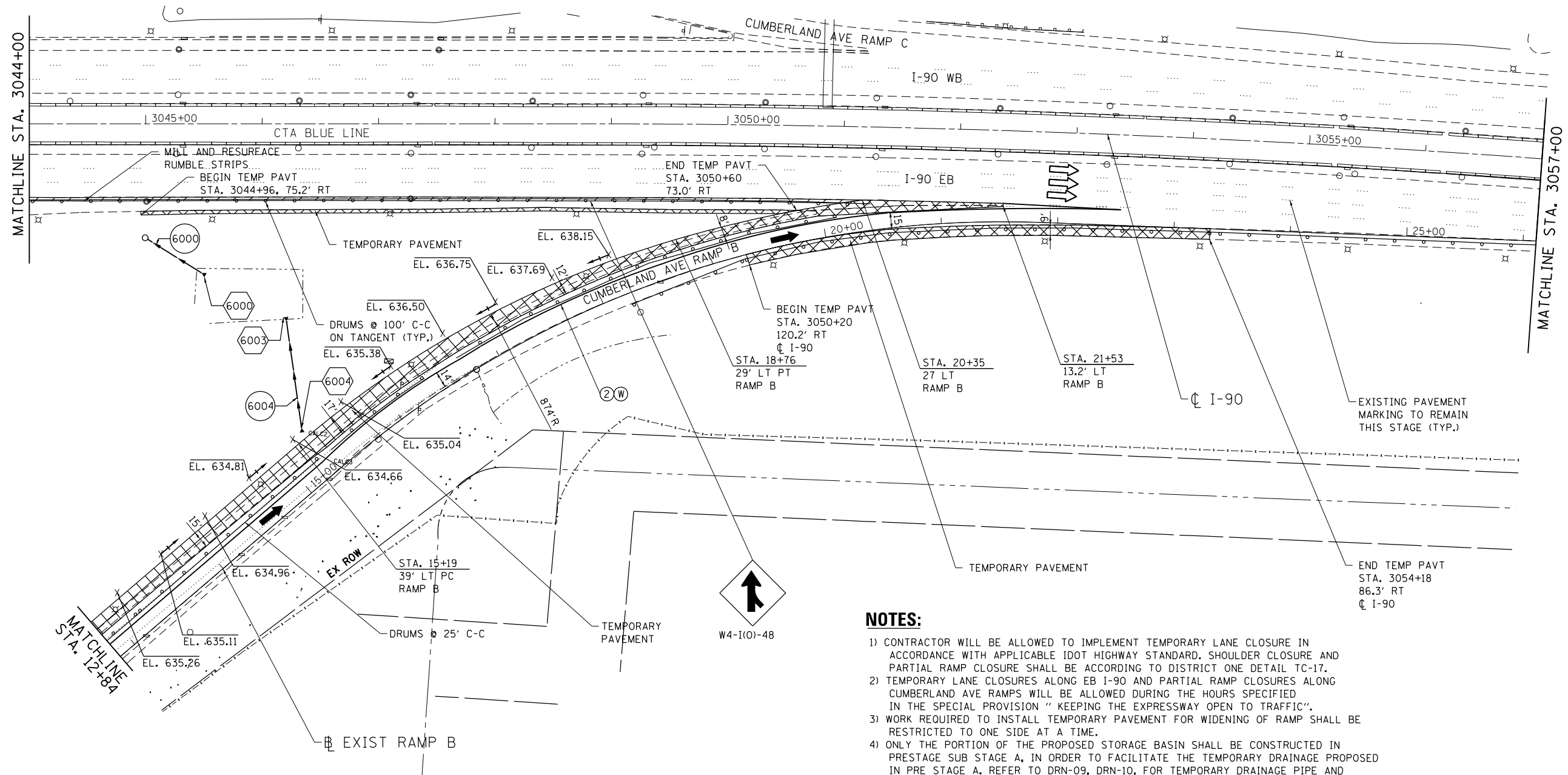
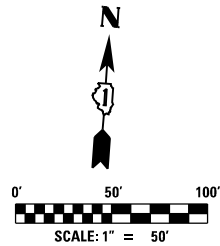
	WORK AREA		EXISTING TRAFFIC DIRECTION		FLASHING MONO-DIRECTIONAL LIGHT ARROW BOARD	①	PVT MK - LINE 4" WHITE	⑦	PVT MK - LINE 12" WHITE
	TEMPORARY PAVEMENT (CURRENT STAGE)		PROPOSED TRAFFIC DIRECTION		VERTICAL PANEL WITH STEADY BURN MONO-DIRECTIONAL LIGHT	②	PVT MK - LINE 4" YELLOW	⑧	PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT (PREVIOUS STAGES)		BARRICADE, TYPE III, W/ FLASHING MONO-DIRECTIONAL LIGHTS		TYPE II BARRICADE OR DRUM W/ STEADY BURN MONO-DIRECTIONAL LIGHT (SPACING AS NOTED)	③	PVT MK - DBL 4" YELLOW	⑨	PVT MK - LTRS & SYMB
	TEMPORARY CONCRETE BARRIER		DRUM		TEMPORARY SIGN SUPPORT	④	PVT MK - LINE 5" WHITE	E	EXIST PVT MK
						⑤	PVT MK - LINE 6" WHITE	W	WET REF TEM TAPE T3
						⑥	PVT MK - LINE 8" WHITE	P	PERM PVT MK

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 EASTBOUND FROM CUMBERLAND AVE TO HARLEM AVE
SUGGESTED STAGING AND TRAFFIC CONTROL
PRESTAGE SUB STAGE A**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-3	COOK	557	96
CONTRACT NO. 60Y38				

USER NAME = mohamma	DESIGNED MM	REVISED -
PLOT SCALE = 1,0000' / 1"	DRAWN MM	REVISED -
PLOT DATE = 5/3/2016	CHECKED KA	REVISED -
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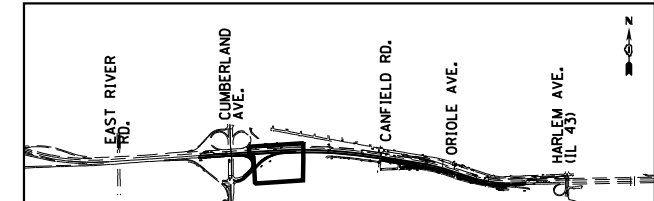


NOTES:

- 1) CONTRACTOR WILL BE ALLOWED TO IMPLEMENT TEMPORARY LANE CLOSURE IN ACCORDANCE WITH APPLICABLE IDOT HIGHWAY STANDARD. SHOULDER CLOSURE AND PARTIAL RAMP CLOSURE SHALL BE ACCORDING TO DISTRICT ONE DETAIL TC-17.
- 2) TEMPORARY LANE CLOSURES ALONG EB I-90 AND PARTIAL RAMP CLOSURES ALONG CUMBERLAND AVE RAMP B WILL BE ALLOWED DURING THE HOURS SPECIFIED IN THE SPECIAL PROVISION "KEEPING THE EXPRESSWAY OPEN TO TRAFFIC".
- 3) WORK REQUIRED TO INSTALL TEMPORARY PAVEMENT FOR WIDENING OF RAMP SHALL BE RESTRICTED TO ONE SIDE AT A TIME.
- 4) ONLY THE PORTION OF THE PROPOSED STORAGE BASIN SHALL BE CONSTRUCTED IN PRESTAGE SUB STAGE A, IN ORDER TO FACILITATE THE TEMPORARY DRAINAGE PROPOSED IN PRE STAGE A. REFER TO DRN-09, DRN-10, FOR TEMPORARY DRAINAGE PIPE AND STRUCTURAL SCHEDULE.
- 5) REMOVE EXISTING RAMP METER ALONG CUMBERLAND RAMP B. FOR DETAILS REFER TO ITS SHEET ITS-04.

MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		EXISTING TRAFFIC DIRECTION		FLASHING MONO-DIRECTIONAL LIGHT	①	PVT MK - LINE 4" WHITE	⑦	PVT MK - LINE 12" WHITE
	TEMPORARY PAVEMENT (CURRENT STAGE)		PROPOSED TRAFFIC DIRECTION		ARROW BOARD	②	PVT MK - LINE 4" YELLOW	⑧	PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT (PREVIOUS STAGES)		BARRICADE, TYPE III, W/ FLASHING MONO-DIRECTIONAL LIGHTS		VERTICAL PANEL WITH STEADY BURN MONO-DIRECTIONAL LIGHT	③	PVT MK - DBL 4" YELLOW	⑨	PVT MK - LTRS & SYMB
	TEMPORARY CONCRETE BARRIER		TYPE II BARRICADE OR DRUM W/ STEADY BURN MONO-DIRECTIONAL LIGHT (SPACING AS NOTED)		TEMPORARY SIGN SUPPORT	④	PVT MK - LINE 5" WHITE	E	EXIST PVT MK
						⑤	PVT MK - LINE 6" WHITE	W	WET REF TEM TAPE T3
						⑥	PVT MK - LINE 8" WHITE	P	PERM PVT MK



MOT-PA-4

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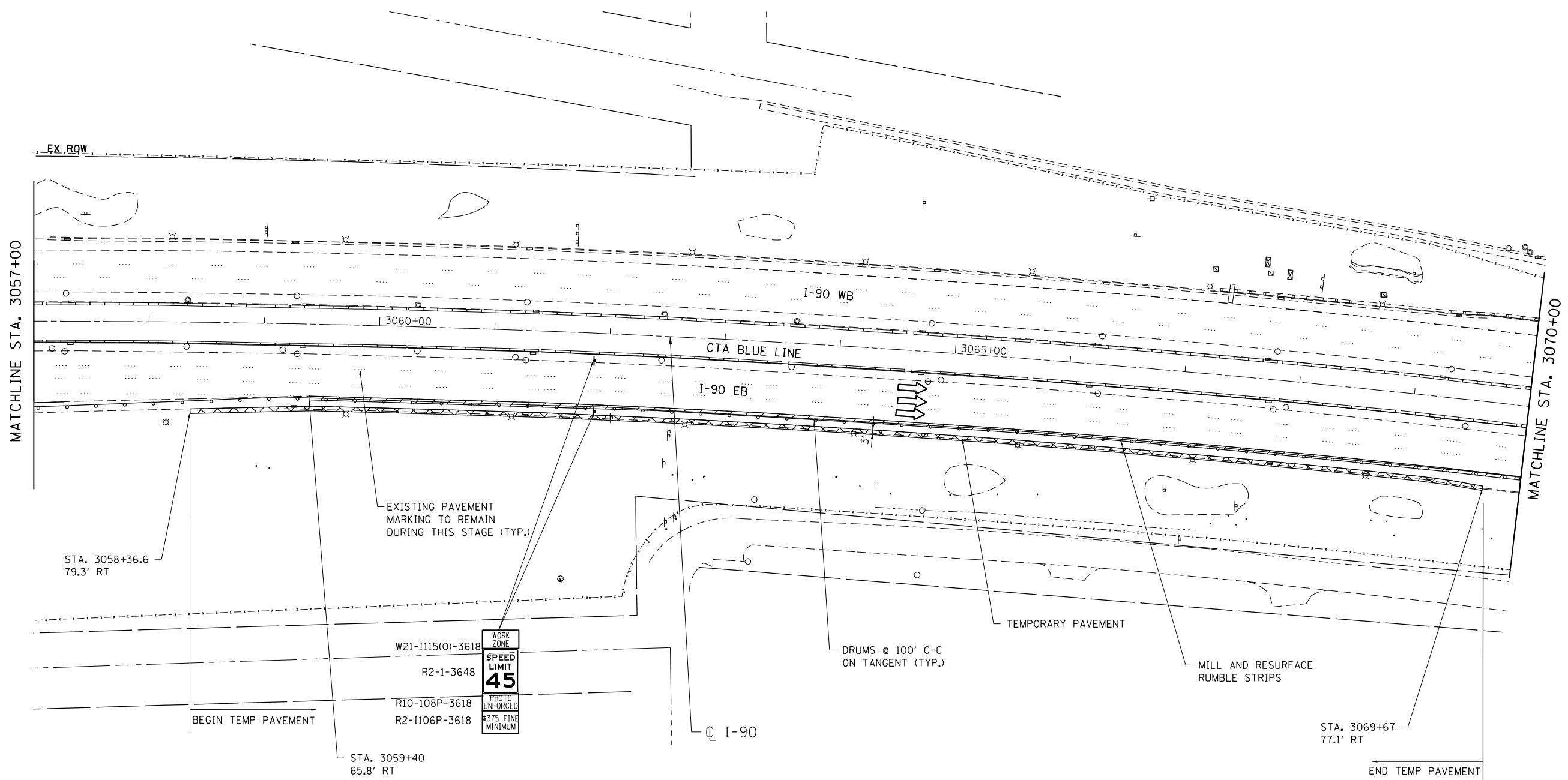
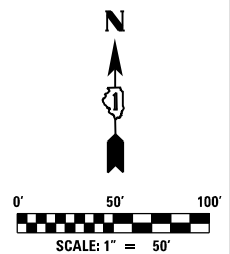
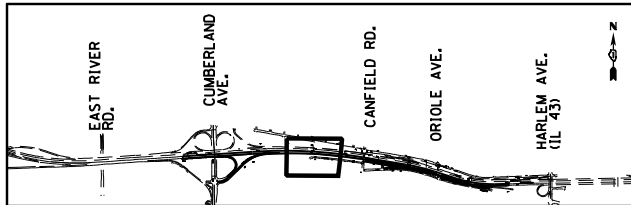
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PLOT SCALE = 1,000' / 1"	CHECKED KA	REVISOR -
PLOT DATE = 5/3/2016	DATE 5/6/2016	REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 EASTBOUND FROM CUMBERLAND AVE TO HARLEM AVE
SUGGESTED STAGING AND TRAFFIC CONTROL
PRESTAGE SUB STAGE A**

SCALE: 1" = 50' SHEET NO. 4 OF 9 SHEETS STA. 3032+00 TO STA. 3057+00

F.A.I. RTE. 90	SECTION (1517 & 1415) R-3	COUNTY COOK	TOTAL SHEETS 557	SHEET NO. 97
CONTRACT NO. 60Y38				
ILLINOIS FED. AID PROJECT				



MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		EXISTING TRAFFIC DIRECTION		FLASHING MONO-DIRECTIONAL LIGHT	①	PVT MK - LINE 4" WHITE	⑦	PVT MK - LINE 12" WHITE
	TEMPORARY PAVEMENT (CURRENT STAGE)		PROPOSED TRAFFIC DIRECTION		ARROW BOARD	②	PVT MK - LINE 4" YELLOW	⑧	PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT (PREVIOUS STAGES)		BARRICADE, TYPE III, W/ FLASHING MONO-DIRECTIONAL LIGHTS		VERTICAL PANEL WITH STEADY BURN MONO-DIRECTIONAL LIGHT	③	PVT MK - DBL 4" YELLOW	⑨	PVT MK - LTRS & SYMB
	TEMPORARY CONCRETE BARRIER		TYPE II BARRICADE OR DRUM W/ STEADY BURN MONO-DIRECTIONAL LIGHT (SPACING AS NOTED)		TEMPORARY SIGN SUPPORT	④	PVT MK - LINE 5" WHITE	E	EXIST PVT MK
						⑤	PVT MK - LINE 6" WHITE	W	WET REF TEM TAPE T3
						⑥	PVT MK - LINE 8" WHITE	P	PERM PVT MK

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USER NAME = mohamma	DESIGNED MM	REVISED -
PLOT SCALE = 1:8000' / 1" =	DRAWN MM	REVISED -
PLOT DATE = 5/3/2016	CHECKED KA	REVISED -
	DATE 5/6/2016	REVISED -

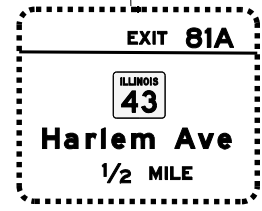
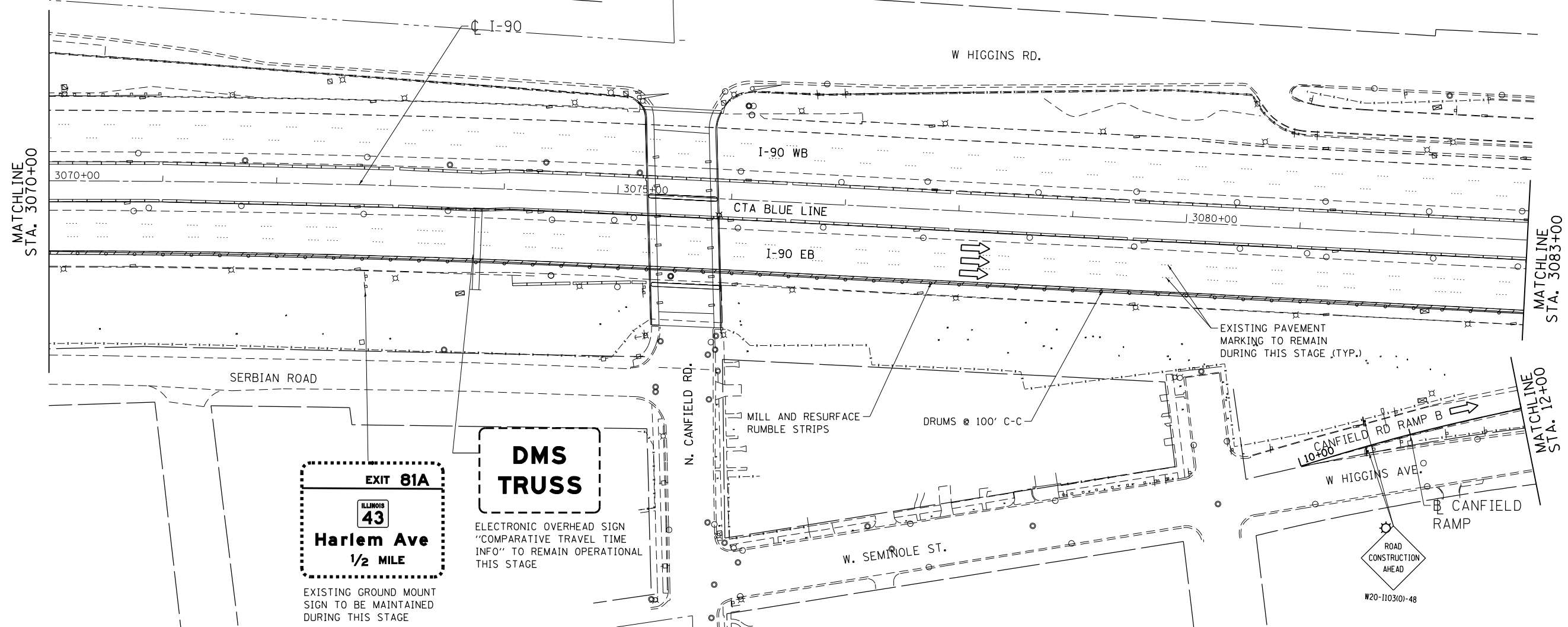
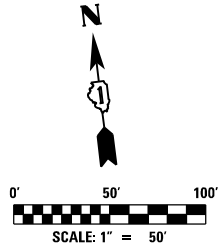
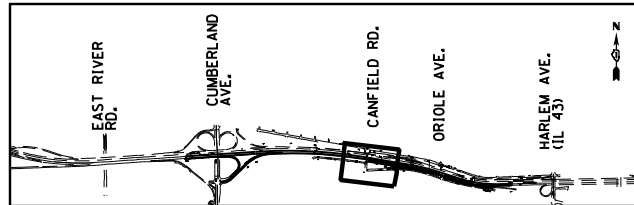
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 EASTBOUND FROM CUMBERLAND AVE TO HARLEM AVE
SUGGESTED STAGING AND TRAFFIC CONTROL
PRESTAGE SUB STAGE A**

SCALE: 1" = 50' SHEET NO. 5 OF 9 SHEETS STA. 3057+00 TO STA. 3083+00

F.A.I. RTE. 90	SECTION (1517 & 1415) R-3	COUNTY COOK	TOTAL SHEETS 557	SHEET NO. 98
				CONTRACT NO. 60Y38
ILLINOIS FED. AID PROJECT				

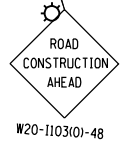
MOT-PA-5



ELECTRONIC OVERHEAD SIGN
"COMPARATIVE TRAVEL TIME
INFO" TO REMAIN OPERATIONAL
THIS STAGE

EXISTING GROUND MOUNT
SIGN TO BE MAINTAINED
DURING THIS STAGE

EXISTING PAVEMENT
MARKING TO REMAIN
DURING THIS STAGE (TYP.)

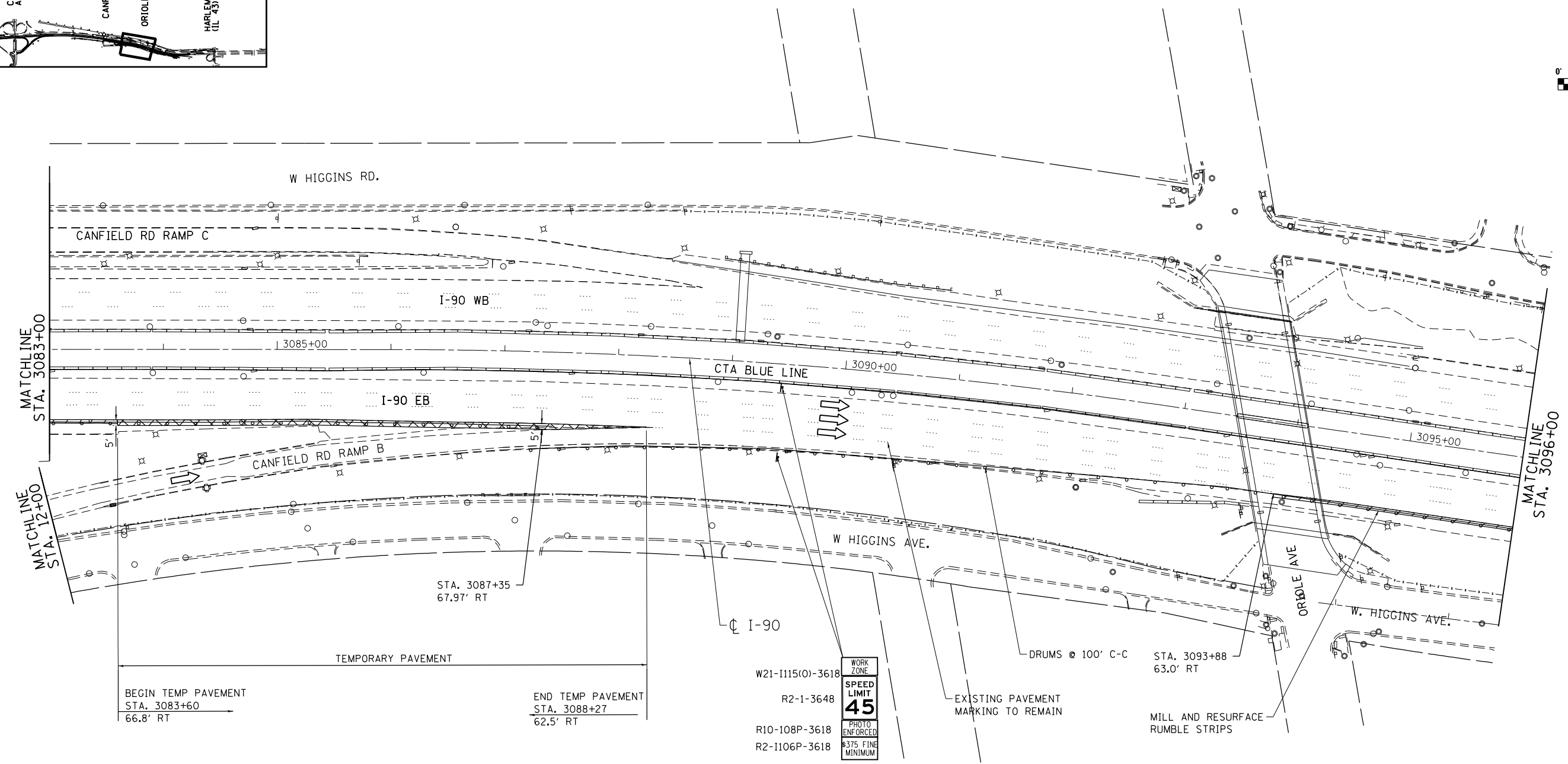
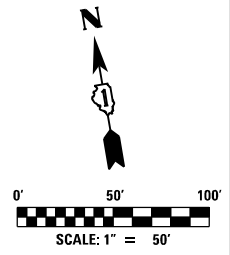
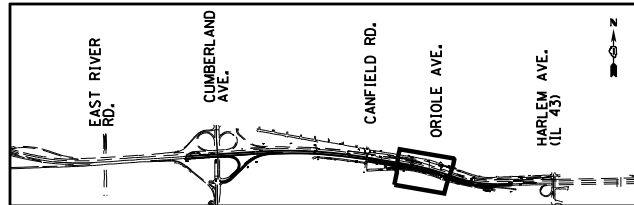


NOTES:

- 1) MAINTAIN CANFIELD ENTRANCE RAMP OPEN TO TRAFFIC DURING THIS STAGE AS SHOWN ON THE PLANS.
- 2) CHANNELIZING DEVICES MAY BE PLACED AT THE DROP-OFF ELEVATION TO PRESERVE LANE WIDTH, RAISE THE REFLECTIVE AREA AND WARNING LIGHT (IF REQUIRED) TO THE HEIGHT ABOVE TRAVELING LANE AS REQUIRED BY HIGHWAY STANDARD 701901.

MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		EXISTING TRAFFIC DIRECTION		FLASHING MONO-DIRECTIONAL LIGHT	①	PVT MK - LINE 4" WHITE	⑦	PVT MK - LINE 12" WHITE
	TEMPORARY PAVEMENT (CURRENT STAGE)		PROPOSED TRAFFIC DIRECTION		ARROW BOARD	②	PVT MK - LINE 4" YELLOW	⑧	PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT (PREVIOUS STAGES)		BARRICADE, TYPE III, W/ FLASHING MONO-DIRECTIONAL LIGHTS		VERTICAL PANEL WITH STEADY BURN MONO-DIRECTIONAL LIGHT	③	PVT MK - DBL 4" YELLOW	⑨	PVT MK - LTRS & SYMB
	TEMPORARY CONCRETE BARRIER		TYPE II BARRICADE OR DRUM W/ STEADY BURN MONO-DIRECTIONAL LIGHT (SPACING AS NOTED)		TEMPORARY SIGN SUPPORT	④	PVT MK - LINE 5" WHITE	E	EXIST PVT MK
						⑤	PVT MK - LINE 6" WHITE	W	WET REF TEM TAPE T3
						⑥	PVT MK - LINE 8" WHITE	P	PERM PVT MK



BEGIN TEMP PAVEMENT
STA. 3083+60
66.8' RT

END TEMP PAVEMENT
STA. 3088+27
62.5' RT

W21-1115(O)-3618
R2-1-3648
R10-108P-3618
R2-1106P-3618

WORK ZONE
SPEED LIMIT
45
PHOTO ENFORCED
3/375 FINE MINIMUM

DRUMS @ 100' C-C
STA. 3093+88
63.0' RT
MILL AND RESURFACE
RUMBLE STRIPS

NOTES:

- 1) MAINTAIN CANFIELD ENTRANCE RAMP TO TRAFFIC DURING THIS STAGE AS SHOWN ON THE PLANS.
- 2) CHANNELIZING DEVICES MAY BE PLACED AT THE DROP-OFF ELEVATION TO PRESERVE LANE WIDTH. RAISE THE REFLECTIVE AREA AND WARNING LIGHT (IF REQUIRED) TO THE HEIGHT ABOVE TRAVELING LANE AS REQUIRED BY HIGHWAY STANDARD 701901.

MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		EXISTING TRAFFIC DIRECTION		FLASHING MONO-DIRECTIONAL LIGHT	①	PVT MK - LINE 4" WHITE	⑦	PVT MK - LINE 12" WHITE
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	TEMPORARY PAVEMENT (PREVIOUS STAGES)		BARRICADE, TYPE III, W/ FLASHING MONO-DIRECTIONAL LIGHTS		VERTICAL PANEL WITH STEADY BURN MONO-DIRECTIONAL LIGHT	③	PVT MK - DBL 4" YELLOW	⑨	PVT MK - LTRS & SYMB
	TEMPORARY CONCRETE BARRIER		TYPE II BARRICADE OR DRUM W/ STEADY BURN MONO-DIRECTIONAL LIGHT (SPACING AS NOTED)		TEMPORARY SIGN SUPPORT	④	PVT MK - LINE 5" WHITE	E	EXIST PVT MK
						⑤	PVT MK - LINE 6" WHITE	W	WET REF TEM TAPE T3
						⑥	PVT MK - LINE 8" WHITE	P	PERM PVT MK

USER NAME = mohamma	DESIGNED	REVISED -
PLOT SCALE = 1,0000' / 1in.	DRAWN	REVISED -
PLOT DATE = 5/3/2016	CHECKED	REVISED -
	DATE 5/6/2016	REVISED -