

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
(1517 & 1415) I-14	COOK	353	1
CONTRACT NO. 60Y40			

* 353 + 7 = 360 TOTAL SHEETS

FOR INDEX OF SHEETS, SEE SHEET NO. 3

TRAFFIC DATA

HIGGINS ROAD
EXISTING ADT: 25,100 (2015)
POSTED SPEED: 35 MPH

BRYN MAWR AVE
EXISTING ADT: 1,600 (2014)
POSTED SPEED: 30 MPH

NOISE WALLS

NOISE WALL 1, SN 016-1361
STA. 10+00.00 TO STA. 18+00.00

NOISE WALL 2.1, SN 016-1362
STA. 10+04.09 TO STA. 17+23.83

NOISE WALL 2.2, SN 016-1363
STA. 2200+00.00 TO STA. 2211+10.60

NOISE WALL 3, SN 016-2296
STA. 9+40.00 TO STA. 21+83.72

NOISE WALL 4, SN 016-2295
STA. 10+13.94 TO STA. 33+27.51

NOISE WALL 5.1, SN 016-2293
STA. 10+68.93 TO STA. 14+97.81

NOISE WALL 5.2, SN 016-2289
STA. 5200+00.00 TO STA. 5205+08.63

NOISE WALL 5.3, SN 016-2294
STA. 10+08.55 TO STA. 20+29.49

NOISE WALL 6, SN 016-1364
STA. 600+00.00 TO STA. 612+15.89

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**PROPOSED
HIGHWAY PLANS**

F.A.I. ROUTE 90 (I-90)
FROM IL 171 (CUMBERLAND AVENUE)
TO IL 43 (HARLEM AVENUE)
SECTION (1517 & 1415) I-14
PROJECT NHPP-V4UD(632)

NOISE WALL, DRAINAGE,
SIGNING, GRADING,
RESURFACING

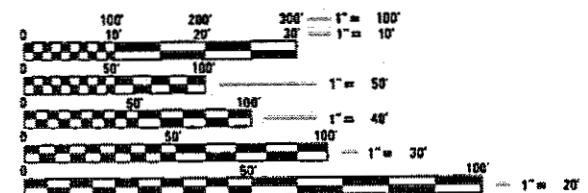
COOK COUNTY

C-91-378-14

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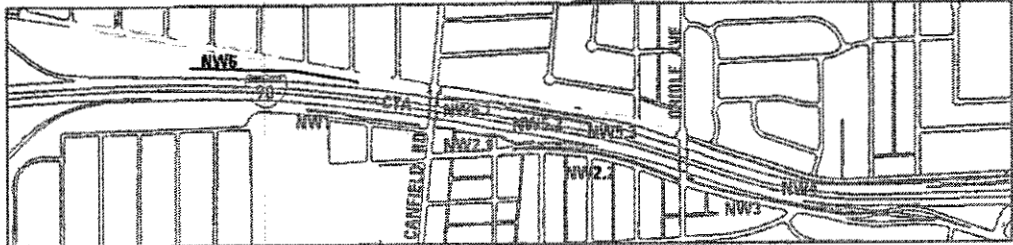
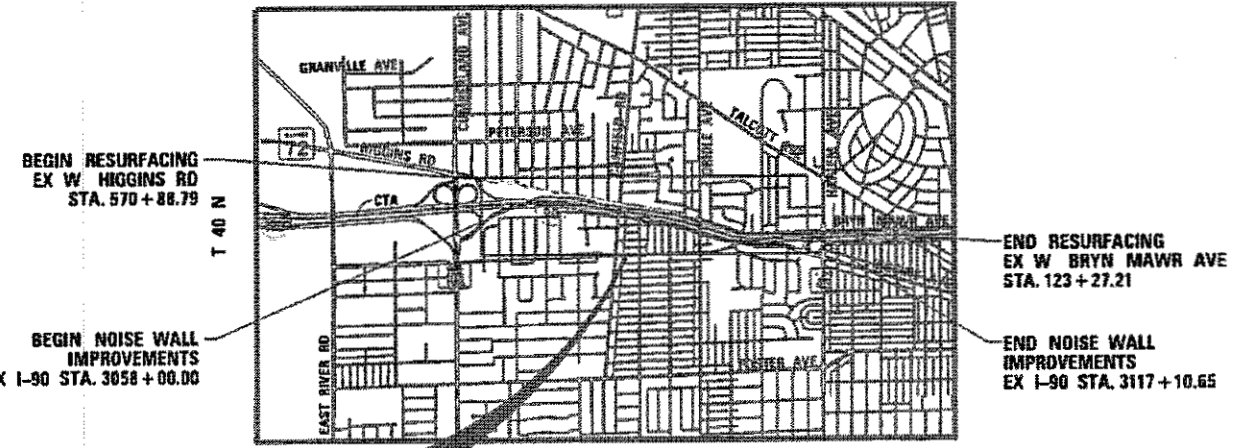


PROJECT LOCATED IN THE
CITY OF CHICAGO AND
THE CITY OF PARK RIDGE



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



LOCATION MAP
N.T.S.
GROSS LENGTH = 7160 FT, 1.36 MI
NET LENGTH = 7160 FT, 1.36 MI

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

CONTRACT NO. 60Y40

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
SUBMITTED Jan 12 2018
Anthony J. Quigley REGIONAL ENGINEER
May 11 2018
Paul P. [Signature] ENGINEER OF DESIGN AND ENVIRONMENT
May 11 2018
Paul P. [Signature] DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS



HNTB CORPORATION
CIVIL

Matthew J. Kirby 1/19/2018
DATE
MATTHEW JAMES KIRBY
ILLINOIS REGISTRATION NO: 062-068687
EXP DATE: 11/30/2019
APPLY TO SHEETS:
1-64, 92-117, 134-194, 291-353



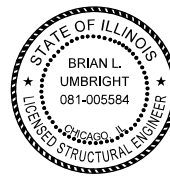
exp U.S. SERVICES, INC.
CIVIL

P. Boroumand 1/19/2018
DATE
PARVIZ BOROUMAND
ILLINOIS REGISTRATION NO: 062-046387
EXP DATE: 11/30/2019
APPLY TO SHEETS:
77-91, 118-121



ATLAS ENGINEERING GROUP, LTD.
CIVIL

Yemi O. Oyewole 1/19/2018
DATE
YEMI O. OYEWOLE
ILLINOIS REGISTRATION NO: 062-058164
EXP DATE: 11/30/2019
APPLY TO SHEETS:
126-133



exp U.S. SERVICES, INC.
STRUCTURAL

Brian L. Umbright 1/19/2018
DATE
BRIAN L. UMBRIGHT
ILLINOIS REGISTRATION NO: 081-005584
EXP DATE: 11/30/2018
APPLY TO SHEETS:
195-268



HNTB CORPORATION
STRUCTURAL

Johann F. Aakre 1/19/2018
DATE
JOHANN F. AAKRE
ILLINOIS REGISTRATION NO: 081-006828
EXP DATE: 11/30/2018
APPLY TO SHEETS:
269-290



AMES ENGINEERING, INC.
CIVIL

Mir Ali Khan 1/19/2018
DATE
MIR ALIKHAN
ILLINOIS REGISTRATION NO: 062-054268
EXP DATE: 11/30/2019
APPLY TO SHEETS:
72-76, 122-125



RUBINOS & MESIA ENGINEERS, INC.
CIVIL

Mohsen M. Farahany 1/19/2018
DATE
MOHSEN M. FARAHANY
ILLINOIS REGISTRATION NO: 062-XXXXXX
EXP DATE: 11/30/2019
APPLY TO SHEETS:
65-71

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

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

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

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

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



USER NAME = mksrby	DESIGNED MJK	REVISED - -
	DRAWN JAB	REVISED -
PLOT SCALE = 24.0000' / ft.	CHECKED MAM	REVISED -
PLOT DATE = 1/17/2018	DATE 8/21/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
SIGNATURE SHEET

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) I-14	COOK	353	2
CONTRACT NO. 60Y40				
ILLINOIS FED. AID PROJECT				

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* INCLUDES SHEET 134A

** INCLUDES SHEETS 327A, 330A, 330B, 333A, 333B & 343A

IDOT HIGHWAY STANDARDS

STD. NO.	TITLE
000001 - 06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001 - 02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001 - 07	TEMPORARY EROSION CONTROL SYSTEMS
420001 - 09	PAVEMENT JOINTS
542301 - 03	PRECAST REINFORCED CONCRETE FLARED END SECTION
602001 - 02	CATCH BASIN, TYPE A
602601 - 05	PRECAST REINFORCED FLAT SLAB TOP
602701 - 02	MANHOLE STEPS
604001 - 04	FRAME AND LIDS, TYPE 1
604036 - 03	GRATE, TYPE 8
604071 - 05	FRAME AND GRATE, TYPE 20
606001 - 07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
630001 - 12	STEEL PLATE BEAM GUARDRAIL
631011 - 10	TRAFFIC BARRIER TERMINAL, TYPE 2
631033 - 07	TRAFFIC BARRIER TERMINAL, TYPE 6B
643001 - 02	SAND MODULE IMPACT ATTENUATORS
635001 - 02	DELINEATORS
664001 - 02	CHAIN LINK FENCE
701006 - 05	OFF-RD OPERATIONS, 2L,2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701011 - 04	OFF-RD MOVING OPERATIONS, 2L,2W, DAY ONLY
701101 - 05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701106 - 02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
701301 - 04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311 - 03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701400 - 09	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401 - 11	LANE CLOSURE, FREEWAY/EXPRESSWAY
701411 - 09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS >= 45 MPH
701428 - 01	TRAFFIC CONTROL, SETUP AND REMOVAL, FREEWAY/EXPRESSWAY
701446 - 09	TWO LANE CLOSURE, FREEWAY / EXPRESSWAY
701501 - 06	URBAN LANE CLOSURE, 2L, 2W UNDIVIDED
701606 - 10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701611 - 01	URBAN HALF ROAD CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701 - 10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801 - 06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901 - 07	TRAFFIC CONTROL DEVICES
704001 - 08	TEMPORARY CONCRETE BARRIER
725001 - 01	OBJECT AND TERMINAL MARKERS
780001 - 05	TYPICAL PAVEMENT MARKINGS
781001 - 04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
814001 - 03	HANDHOLES
857001 - 01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001 - 01	UNITERRUPTABLE POWER SUPPLY (UPS)
880001 - 01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
886001 - 01	DETECTOR LOOP INSTALLATIONS

DISTRICT 1 DETAILS

STD. NO.	TITLE
BD-01	DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND CURB OR EDGE GREATER THAN OR EQUAL TO 15' (4.5 m)
BD-02	DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB IS LESS THAN 15' (4.5 m)
BD-05	CONCRETE MEDIAN TYPE SB (DOWELLED) AND CORRUGATED MEDIAN (MODIFIED)
BD-07	STORM SEWER CONNECTION TO EXISTING SEWER
BD-08	FRAMES AND LIDS ADJUSTMENT WITH MILLING
BD-09	CITY OF CHICAGO DRAINAGE DETAILS
BD-17	CITY OF CHICAGO PC CONC DRIVEWAY, ALLEY RETURN AND SIDEWALK
BD-22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
BD-24	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
BD-32	BUTT JOINTS AND HMA TAPER
BD-34	DEPRESSED CURB & GUTTER AND SHOULDER TREATMENT AT TBT TY 1 SPL.
BD-47	CITY OF CHICAGO CATCH BASINS, INLET AND MANHOLE DETAILS
BD-58	CITY OF CHICAGO DETECTABLE WARNINGS
TC-8	ENTRANCE AND EXIT RAMP CLOSURE DETAILS
TC-9	FREEWAY SINGLE AND 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 DETAILS
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKING
TC-14	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
TC-16	SHORT-TERM PAVEMENT MARKINGS LETTERS AND SYMBOLS
TC-17	TRAFFIC CONTROL FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES
TC-18	FREEWAY/EXPRESSWAY SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS
TC-21	DETOUR SIGNING FOR CLOSING STATE HIGHWAYS
TC-22	ARTERIAL ROAD INFORMATION SIGN
TC-24	CITY OF CHICAGO TYPICAL PAVEMENT MARKINGS
TC-26	TRAFFIC CONTROL DETAILS FOR FREEWAY CENTER LANE CLOSURE SHOULDER LANE
TC-27	MILE POST MARKERS - GORE SIGNS - MAJOR GUIDE SIGN LAYOUT - ARROWS
TS-02	MAST ARM MOUNTED STREET NAME SIGNS
TS-05	STANDARD TRAFFIC SIGNAL DESIGN DETAILS
TS-07	DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	PERCENT AIR VOIDS @ NDES	THICKNESS	OMP	MIXTURE TYPE	PERCENT AIR VOIDS @ NDES	THICKNESS	OMP
PAVEMENT RESURFACING/WIDENING: WEST HIGGINS RD				CLASS D PATCHES			
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70 (IL-9.5mm)	4% @ 70 GYR	1-3/4"	OCP	CLASS D PATCH (HOT-MIX ASPHALT BINDER IL-19mm)	4% @ 70 GYR	VARIES	OC/OA
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	3.5% @ 50 GYR	3/4 "	OCP	HOT-MIX ASPHALT DRIVEWAY PAVEMENT			
PAVEMENT RESURFACING/WIDENING: WEST BRYN MAWR AVE				HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5mm)			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5mm)	4% @ 70 GYR	1-1/2"	OC/OA	HOT-MIX ASPHALT BASE COURSE (HOT-MIX ASPHALT BINDER IL-19mm)			
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	3.5% @ 50 GYR	3/4 "	OCP	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5mm)			
TEMPORARY PAVEMENT				HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5mm)			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5mm)				4% @ 70 GYR			
TEMP PAVEMENT (HOT-MIX ASPHALT BINDER IL-19mm)				4% @ 70 GYR			
				2"			
				8"			
				OC/OA			
				OC/OA			

OMP DESIGNATION: QUALITY CONTROL / QUALITY ASSURANCE (OC/OA); QUALITY CONTROL FOR PERFORMANCE (OCP); PAY FOR PERFORMANCE (PFP)

1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SO YD/INCH THICKNESS.
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXTURES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE SPECIAL PROVISIONS.
3. QUALITY MANAGEMENT PROGRAM (OMP) IDENTIFIES THE QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.
4. CONTRACTOR SHALL MILL BEFORE PATCHING.



USER NAME = mamiller	DESIGNED = MJK	REVISED = -
DRAWN = JAB	REVISED = -	
PLOT SCALE = 2.0000' / in.	CHECKED = MAM	REVISED = -
PLOT DATE = 3/14/2018	DATE = 8/21/2017	REVISED = -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
INDEX OF DRAWINGS AND HIGHWAY STANDARDS
& HMA MIXTURE TABLE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) I-14	COOK	353	3
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y40	

GENERAL NOTES

- 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.
- A MINIMUM OF SEVENTY-TWO HOURS PRIOR TO ANY PLACEMENT OR RELOCATION OF MAINTENANCE OF TRAFFIC DEVICES, CONTACT ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT) DISTRICT 1 BUREAU OF TRAFFIC.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH AFFECTED UTILITY COMPANIES AND MUNICIPALITIES.
- 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.
- 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.
- THE CONTRACTOR SHALL COORDINATE WORK WITH UTILITIES IN ADVANCE OF WORKING IN THE VICINITY OF THEIR FACILITIES, AND ALLOW SUFFICIENT TIME FOR THEM TO PERFORM ADJUSTMENTS TO THEIR FACILITIES IN ACCORDANCE WITH THE CONTRACTOR'S SCHEDULE. COORDINATION EFFORTS SHALL BE INCLUDED IN THE COST OF THE CONTRACT BID PRICE.
- THE CONTRACTOR MUST CALL THE IDOT ELECTRICAL MAINTENANCE CONTRACTOR TO LOCATE IDOT FACILITY CABLES.
- 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.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS TO PERFORM WORK.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- ALL ELEVATIONS REFER TO USGS MEAN SEA LEVEL DATUM.
- WHERE EXISTING CURB AND GUTTER IS REMOVED, BARRICADES SHALL BE PLACED AT EACH END OF THE REMOVAL UNTIL PROPOSED CURB AND GUTTER IS CONSTRUCTED IN ITS PLACE.
- WHEN REQUIRED TO PERMIT THE CONSTRUCTION OF PROPOSED WORK ITEMS SUCH AS CULVERTS, THE CONTRACTOR MAY TEMPORARILY REMOVE AND RESTORE PORTIONS OF THE EXISTING ACCESS CONTROL FENCE AND/OR TEMPORARY FENCE. WORKERS SHALL BE PRESENT AT ALL TIMES THAT A PORTION OF THE FENCE IS REMOVED, AND THE FENCE SHALL BE RESTORED PRIOR TO THE END OF THE WORK SHIFT. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE OF THE PAY ITEMS INVOLVED.
- THE PAVEMENT ELEVATIONS SHOWN ON THE PLANS ARE FINISHED GRADES OR SURFACE COURSE, UNLESS OTHERWISE INDICATED.
- 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.
- THE CONTRACTOR SHALL ACCESS THE WORK AREA FROM THE FRONTAGE ROADS. ACCESS TO THE WORK AREA FROM I-90 WILL NOT BE ALLOWED.
- WHEREVER THE PHRASE "NOISE WALL(S)" IS USED ON THE PLANS, IT SHALL BE CONSTRUED THE SAME AS "NOISE ABATEMENT WALL(S)."
- CONTACT MELISSA DEL ROSARIO OF THE IDOT ROADSIDE DEVELOPMENT UNIT 72 HOURS PRIOR TO TREE PLANTING AND SELECTIVE CLEARING AT 847-705-4391.

GENERAL NOTES (CONTINUED)

- PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE SHALL TAKE PLACE PRIOR TO NOISE WALL INSTALLATION.
- 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.
- 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.
- THE ACTUAL NEED FOR AGGREGATE SUBGRADE IMPROVEMENT SHALL BE DETERMINED IN THE FIELD FOR SOILS THAT TEND TO BE UNSUITABLE OR UNSTABLE. THE ACTUAL NEED FOR REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC AND/OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 AND THE UNDERCUT GUIDELINES IN THE IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/ OR UNSUITABLE MATERIAL IS ENCOUNTERED, THE SOIL SHALL BE REMOVED AND REPLACED WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) OR EMBANKMENT AS DETERMINED BY THE GEOTECHNICAL ENGINEER. IF UNSTABLE AND/ OR UNSUITABLE MATERIAL IS NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE THE CONTRACTOR.
- 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.
- TEMPORARY PAVEMENT MARKING SHALL CONSIST OF EPOXY OR POLYUREA PAVEMENT MARKING, AT THE OPTION OF THE CONTRACTOR. EPOXY OR POLYUREA PAVEMENT MARKING MATERIALS SHALL BE ACCORDING TO ARTICLES 1095.04 AND 1095.08 RESPECTIVELY OF THE STANDARD SPECIFICATIONS.
- 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.
- 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.
- BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
- THE ENGINEER SHALL CONTACT CORY JUCIUS, ARTERIAL TRAFFIC FIELD ENGINEER, AT CORY.JUCIUS@ILLINOIS.GOV A MINIMUM OF TWO WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- THE RESIDENT ENGINEER SHALL CONTACT THE ARTERIAL TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 AND THE EXPRESSWAY TRAFFIC CONTROL SUPERVISOR AT (847) 705-4155 A MINIMUM OF 72 HOURS PRIOR TO THE INSTALLATION OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.

GENERAL DRAINAGE NOTES

- SEE DRAINAGE DETAIL SHEETS FOR DRAINAGE STRUCTURE OFFSET AND RIM ELEVATION LOCATION.
- 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.

GENERAL DRAINAGE NOTES (CONTINUED)

- 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.
- 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.
- 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.
- THE CONTRACTOR SHALL VERIFY EXISTING OUTLET STRUCTURE LOCATION AND INVERTS PRIOR TO STARTING UPSTREAM STORM SEWER CONNECTION AND CONSTRUCTION.

CHICAGO DEPARTMENT OF WATER MANAGEMENT (CDWM) NOTES

- THERE ARE VARIOUS WATER MAINS AND APPURTENANCES WITHIN THE LIMITS OF THIS PROJECT. ALL PROPOSED ELECTRICAL FACILITIES MUST BE INSTALLED IN SUCH A MANNER TO PROVIDE A MINIMUM THREE (3) FEET HORIZONTAL AND EIGHTEEN (18) INCHES VERTICAL CLEARANCE FROM ALL EXISTING WATER FACILITIES
- CDWM MUST TERMINATE SEVERAL EXISTING WATER SERVICES AT THE MAIN PRIOR TO STREET RESURFACING/RECONSTRUCTION. PLEASE NOTIFY THE CDWM 90 DAYS PRIOR TO THE ANTICIPATED RESURFACING/RECONSTRUCTION START DATE SUCH THAT THERE IS SUFFICEINT TIME TO TERMINATE ALL UNUSED WATER SERVICES.
- CDWM HAS IDENTIFIED SEVENTEEN (17) VALVE BASIN FRAMES WITHIN THE PROPOSED IMPROVEMENT LIMITS. CDWM REQUESTS THAT ANY VERTICAL ADJUSTMENT THAT MAY BE REQUIRED TO THESE FACILITIES BE INCORPORATED INTO THE CONTRACT AND PERFORMED BY THE CONTRACTOR AT THE CONTRACT UNIT PRICE OF FRAME AND LID ADJUSTMENTS.
- CDWM HAS IDENTIFIED TWO (2) FEEDER MAIN ISOLATION VALVES THAT MUST BE TEMPORARILY RAMPED AT THE FOLLOWING LOCATIONS:
 15' NSL OF W. HIGGINS ROAD, 145' EEL OF N. CRESCENT AVE.
 15' NSL OF W. HIGGINS ROAD, 165' EEL OF N. CRESCENT AVE.
 IT IS REQUIRED THAT CDWM HAS UNRESTRICTED ACCESS TO THESE FACILITIES AT ALL TIMES. THE COST FOR THIS WORK WILL BE INCLUDED AS PART OF TRAFFIC CONTROL AND PROTECTION (SPECIAL)

PACE COORDINATION NOTES

- THE CONTRACTOR SHALL CONTACT STEVEN WEINSTOCK AT 847-228-2339 TO NOTIFY PACE WHEN THE SITE CONDITIONS ALLOW INSTALLATION OF SIGNAGE AT THE FOLLOWING LOCATIONS:
 - NORTHEAST CORNER OF CRESCENT AVENUE AND HIGGINS AVE
 - SOUTH SIDE OF HIGGINS ROAD, JUST WESET OF CRESCENT AVENUE
 - NORHTWEST CORNER OF WASHINGTON AVENUE AND HIGGINS ROAD
 - SOUTH SIDE OF HIGGINS ROAD, JUST EAST OF ASHLAND, AT LOCATION OF THE WEST END OF EXISTING SIDEWALK



USER NAME = mksrby	DESIGNED = MJK	REVISED = -
	DRAWN = JAB	REVISED = -
PLOT SCALE = 24.0000' / Ft.	CHECKED = MAM	REVISED = -
PLOT DATE = 1/18/2018	DATE = 8/21/2017	REVISED = -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
GENERAL NOTES**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) I-14	COOK	353	4
CONTRACT NO. 60Y40				
ILLINOIS FED. AID PROJECT				

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

90/10
FED/STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE														
				A	B	C	D	E	F	G	H	I	J					
				0005 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN				
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	266	266														
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	65	65														
20101100	TREE TRUNK PROTECTION	EACH	12	12														
20101700	SUPPLEMENTAL WATERING	UNIT	2,275	2,275														
20200100	EARTH EXCAVATION	CU YD	1,100	43	330	261	69	10										387
20700220	POROUS GRANULAR EMBANKMENT	CU YD	500		85	70	220	5										120
20800150	TRENCH BACKFILL	CU YD	111	111														
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	2,170	2,170														
21101605	TOPSOIL FURNISH AND PLACE, 2"	SQ YD	281	281														
21101645	TOPSOIL FURNISH AND PLACE, 12"	SQ YD	1,010	1,010														
* 25000210	SEEDING, CLASS 2A	ACRE	0.6	0.6														
* 25000350	SEEDING, CLASS 7	ACRE	1.8	1.8														
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	402	402														
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	402	402														

* SPECIALTY ITEM

- A ROADWAY AND DRAINAGE
- E NOISE WALL 3: SN 016-2296
- I NOISE WALL 5.3: SN 016-2294
- B NOISE WALL 1: SN 016-1361
- F NOISE WALL 4: SN 016-2295
- J NOISE WALL 6: SN 016-1364
- C NOISE WALL 2.1: SN 016-1362
- G NOISE WALL 5.1: SN 016-2293
- D NOISE WALL 2.2: SN 016-1363
- H NOISE WALL 5.2: SN 016-2289

HNTB	USER NAME = mkr-byg	DESIGNED JAB	REVISED -
		DRAWN JAB	REVISED -
	PLOT SCALE = 2.00" / 1"	CHECKED MAM	REVISED -
	PLOT DATE = 3/22/2018	DATE 8/21/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
SUMMARY OF QUANTITIES**

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

F.A.I. RTE. 90	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(1517 & 1415) I-14	COOK	353	5
CONTRACT NO. 60Y40			S00-01	
(ILLINOIS) FED. AID PROJECT				

90/10
FED/STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE																	
				A	B	C	D	E	F	G	H	I	J								
				0005 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN							
* 25100630	EROSION CONTROL BLANKET	SQ YD	11,247	11,247																	
* 2520011Q	SODDING, SALT TOLERANT	SQ YD	281	281																	
* 25200200	SUPPLEMENTAL WATERING	UNIT	32	32																	
28000305	TEMPORARY DITCH CHECKS	FOOT	50	50																	
28000400	PERIMETER EROSION BARRIER	FOOT	9,296	9,296																	
28000510	INLET FILTERS	EACH	113	113																	
28100105	STONE RIPRAP, CLASS A3	SQ YD	1	1																	
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	416	416																	
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	3,492							2,006	650									836	
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	73	73																	
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	171	171																	
35400500	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 10"	SQ YD	338	338																	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	26,083	26,083																	
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	55	55																	

* SPECIALTY ITEM

- A ROADWAY AND DRAINAGE
- B NOISE WALL 1: SN 016-1361
- C NOISE WALL 2.1: SN 016-1362
- D NOISE WALL 2.2: SN 016-1363
- E NOISE WALL 3: SN 016-2296
- F NOISE WALL 4: SN 016-2295
- G NOISE WALL 5.1: SN 016-2293
- H NOISE WALL 5.2: SN 016-2289
- I NOISE WALL 5.3: SN 016-2294
- J NOISE WALL 6: SN 016-1364

HNTB	USER NAME = mkrbyj	DESIGNED JAB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE. SUMMARY OF QUANTITIES			F.A.I. RTE. 90	SECTION (1517 & 1415) I-14	COUNTY COOK	TOTAL SHEETS 353	SHEET NO. 6		
	PLOT SCALE = 2.00' / 1" =	DRAWN JAB	REVISED -					SCALE: NTS SHEET NO. 2 OF 14 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT CONTRACT NO. 60Y40			
	PLOT DATE = 3/22/2018	CHECKED MAM	REVISED -											
	DATE 8/21/2017	REVISED -												

90/10
FED/STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE																
				A	B	C	D	E	F	G	H	I	J							
				0005 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN							
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	1,519	1,519																
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	312	312																
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	717	717																
40603565	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70	TON	2,724	2,724																
42001300	PROTECTIVE COAT	SQ YD	130	130																
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	140	140																
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	5,374	5,374																
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	341	341																
44000100	PAVEMENT REMOVAL	SQ YD	2,494	2,494																
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	6,460	6,460																
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	26,486	26,486																
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	320	320																
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	5,810	5,810																
44000600	SIDEWALK REMOVAL	SQ FT	8,044	8,044																

• SPECIALTY ITEM

- A ROADWAY AND DRAINAGE
- E NOISE WALL 3: SN 016-2296
- I NOISE WALL 5.3: SN 016-2294
- B NOISE WALL 1: SN 016-1361
- F NOISE WALL 4: SN 016-2295
- J NOISE WALL 6: SN 016-1364
- C NOISE WALL 2.1: SN 016-1362
- G NOISE WALL 5.1: SN 016-2293
- D NOISE WALL 2.2: SN 016-1363
- H NOISE WALL 5.2: SN 016-2289



USER NAME = mkrby	DESIGNED JAB	REVISED
	DRAWN JAB	REVISED
PLOT SCALE = 2.00" / 1"	CHECKED MAM	REVISED
PLOT DATE = 3/22/2018	DATE 8/21/2017	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
SUMMARY OF QUANTITIES

F.A.I. RTE. 90	SECTION (1517 & 1415) 1-14	COUNTY COOK	TOTAL SHEETS 353	SHEET NO. 7
CONTRACT NO. 60Y40			ILLINOIS FED. AID PROJECT	

S00-03

90/10
FED/STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE													
				A	B	C	D	E	F	G	H	I	J				
				0005 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN			
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	102	102													
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	145	145													
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	567	567													
50102400	CONCRETE REMOVAL	CU YD	325							239						86	
50200100	STRUCTURE EXCAVATION	CU YD	3,835							2,250	504					1,081	
50300225	CONCRETE STRUCTURES	CU YD	3,145							1,810	472					863	
50300255	CONCRETE SUPERSTRUCTURE	CU YD	455							264	81					110	
50300300	PROTECTIVE COAT	SQ YD	2,144							1,306	256					582	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	731,010							420,780	83,570					226,660	
51500100	NAME PLATES	EACH	19							10	4					5	
* 51603000	DRILLED SHAFT IN SOIL	CU YD	359							223						136	
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	1	1													
542A0217	PIPE CULVERTS, CLASS A, TYPE 1 12"	FOOT	21	21													
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	155	155													

* SPECIALTY ITEM

- A ROADWAY AND DRAINAGE
- E NOISE WALL 3: SN 016-2296
- I NOISE WALL 5.3: SN 016-2294
- B NOISE WALL 1: SN 016-1361
- F NOISE WALL 4: SN 016-2295
- J NOISE WALL 6: SN 016-1364
- C NOISE WALL 2.1: SN 016-1362
- G NOISE WALL 5.1: SN 016-2293
- D NOISE WALL 2.2: SN 016-1363
- H NOISE WALL 5.2: SN 016-2289

HNTB	USER NAME = mkrby	DESIGNED JAB	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE. SUMMARY OF QUANTITIES				F.A.I. RTE. 90	SECTION (1517 & 1415) I-14	COUNTY COOK	TOTAL SHEETS 353	SHEET NO. 8
	PLOT SCALE = 2.00' / 1" =	DRAWN JAB	CHECKED MAM		REVISED	SCALE: NTS	SHEET NO. 4 OF 14 SHEETS	STA. TO STA.	CONTRACT NO. 60Y40				
	PLOT DATE = 3/22/2018	DATE 8/21/2017	REVISED		REVISED	(ILLINOIS) FED. AID PROJECT							

S00-04

90/10
FED/STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE																
				A	B	C	D	E	F	G	H	I	J							
				0005 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN							
56109210	WATER VALVES TO BE ADJUSTED	EACH	1	1																
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	2	2																
60201310	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	16	16																
60250200	CATCH BASINS TO BE ADJUSTED	EACH	5	5																
60250500	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	14	14																
60255500	MANHOLES TO BE ADJUSTED	EACH	4	4																
60260100	INLETS TO BE ADJUSTED	EACH	14	14																
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	22	22																
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	5	5																
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	11	11																
60600605	CONCRETE CURB, TYPE B	FOOT	478	478																
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	1,491	1,491																
60604100	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (MODIFIED)	FOOT	440	440																
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	104	104																

• SPECIALTY ITEM

- A ROADWAY AND DRAINAGE
- E NOISE WALL 3: SN 016-2296
- I NOISE WALL 5.3: SN 016-2294
- B NOISE WALL 1: SN 016-1361
- F NOISE WALL 4: SN 016-2295
- J NOISE WALL 6: SN 016-1364
- C NOISE WALL 2.1: SN 016-1362
- G NOISE WALL 5.1: SN 016-2293
- D NOISE WALL 2.2: SN 016-1363
- H NOISE WALL 5.2: SN 016-2289

HNTB	USER NAME = mkrby	DESIGNED JAB	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE. SUMMARY OF QUANTITIES				F.A.I. RTE. 90	SECTION (1517 & 1415) 1-14	COUNTY COOK	TOTAL SHEETS 353	SHEET NO. 9
	PLOT SCALE = 2.00' / 1" =	DRAWN JAB	REVISOR		SCALE: NTS	SHEET NO. 5 OF 14 SHEETS	STA.	TO STA.	CONTRACT NO. 60Y40				
	PLOT DATE = 3/22/2018	CHECKED MAM	DATE 8/21/2017		REVISED	ILLINOIS FED. AID PROJECT							

S00-05

90/10
FED/STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE																
				A	B	C	D	E	F	G	H	I	J							
				0005 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN							
60618320	CONCRETE MEDIAN SURFACE, 6 INCH	SQ FT	517	517																
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	200	200																
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	6	6																
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	2																
63200310	GUARDRAIL REMOVAL	FOOT	497	497																
64300240	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	4	4																
64300260	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	1	1																
66400105	CHAIN LINK FENCE, 4'	FOOT	70	70																
66400905	CHAIN LINK GATES, 4' X 6' SINGLE	EACH	1	1																
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	550	550																
* 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1																
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	6	6																
67100100	MOBILIZATION	L SUM	1	1																
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DAY	355	355																

* SPECIALTY ITEM

- A ROADWAY AND DRAINAGE
- E NOISE WALL 3: SN 016-2296
- I NOISE WALL 5.3: SN 016-2294
- B NOISE WALL 1: SN 016-1361
- F NOISE WALL 4: SN 016-2295
- J NOISE WALL 6: SN 016-1364
- C NOISE WALL 2.1: SN 016-1362
- G NOISE WALL 5.1: SN 016-2293
- D NOISE WALL 2.2: SN 016-1363
- H NOISE WALL 5.2: SN 016-2289

HNTB	USER NAME = mkrby	DESIGNED JAB	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE. SUMMARY OF QUANTITIES				F.A.I. RTE. 90	SECTION (1517 & 1415) I-14	COUNTY COOK	TOTAL SHEETS 353	SHEET NO. 10	
	PLOT SCALE = 2.00' / 1" =	DRAWN JAB	REVISED		SCALE: NTS	SHEET NO. 6 OF 14 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 60Y40					
	PLOT DATE = 3/22/2018	CHECKED MAM	REVISED											
	DATE 8/21/2017	REVISED												

S00-06

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE																
				A	B	C	D	E	F	G	H	I	J							
				0005 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN							
70300100	SHORT TERM PAVEMENT MARKING	FOOT	663	663																
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	221	221																
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	182	182																
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	4,403	4,403																
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	515	515																
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	80	80																
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	54	54																
70300900	PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS	SQ FT	36	36																
70300904	PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	119	119																
70300906	PAVEMENT MARKING TAPE, TYPE IV 6"	FOOT	135	135																
70300908	PAVEMENT MARKING TAPE, TYPE IV 8"	FOOT	314	314																
70300912	PAVEMENT MARKING TAPE, TYPE IV 12"	FOOT	81	81																
70400100	TEMPORARY CONCRETE BARRIER	FOOT	4,488	4,488																
70600240	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 2	EACH	2	2																

• SPECIALTY ITEM

A ROADWAY AND DRAINAGE
 B NOISE WALL 1: SN 016-1361
 C NOISE WALL 2.1: SN 016-1362
 D NOISE WALL 2.2: SN 016-1363

E NOISE WALL 3: SN 016-2296
 F NOISE WALL 4: SN 016-2295
 G NOISE WALL 5.1: SN 016-2293
 H NOISE WALL 5.2: SN 016-2289

I NOISE WALL 5.3: SN 016-2294
 J NOISE WALL 6: SN 016-1364

HNTB	USER NAME = mkrby	DESIGNED JAB	REVISED -
	PLOT SCALE = 2.00' / in.	DRAWN JAB	REVISED -
	PLOT DATE = 3/22/2018	CHECKED MAM	REVISED -
		DATE 8/21/2017	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
 SUMMARY OF QUANTITIES
 SCALE: NTS SHEET NO. 7 OF 14 SHEETS STA. TO STA.

F.A.J. RTE. 90	SECTION (1517 & 1415) I-14	COUNTY COOK	TOTAL SHEETS 353	SHEET NO. 11
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y40	

S00-07

90/10
FED/STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE																
				A	B	C	D	E	F	G	H	I	J							
				0005 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN							
70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	1	1																
70600255	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	2	2																
* 72000100	SIGN PANEL - TYPE 1	SQ FT	114	114																
72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	136	136																
* 72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	9	9																
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	85	85																
73700100	REMOVE GROUND MOUNTED SIGN SUPPORT	EACH	16	16																
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	411	411																
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	11,694	11,694																
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1,070	1,070																
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	259	259																
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	1,853	1,853																
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	907	907																
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	12	12																

* SPECIALTY ITEM

A ROADWAY AND DRAINAGE
 B NOISE WALL 1: SN 016-1361
 C NOISE WALL 2.1: SN 016-1362
 D NOISE WALL 2.2: SN 016-1363
 E NOISE WALL 3: SN 016-2296
 F NOISE WALL 4: SN 016-2295
 G NOISE WALL 5.1: SN 016-2293
 H NOISE WALL 5.2: SN 016-2289
 I NOISE WALL 5.3: SN 016-2294
 J NOISE WALL 6: SN 016-1364

HNTB	USER NAME = mkrby	DESIGNED JAB	REVISION	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE. SUMMARY OF QUANTITIES		F.A.I. RTE. 90	SECTION (1517 & 1415) 1-14	COUNTY COOK	TOTAL SHEETS 353	SHEET NO. 12
	PLOT SCALE = 2.00' / 1" =	CHECKED MAM	REVISION				SCALE: NTS	SHEET NO. 8 OF 14 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	
	PLOT DATE = 3/22/2018	DATE 8/21/2017	REVISION				CONTRACT NO. 60Y40				
	S00-08										

90/10
FED/STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE										
				A	B	C	D	E	F	G	H	I	J	
				0005 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	
* 78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	482	394						41	6		21	20
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	483	483										
* 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	225	225										
* 81400100	HANDHOLE	EACH	1	1										
* 81400200	HEAVY-DUTY HANDHOLE	EACH	1	1										
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	5	5										
* 88600100	DETECTOR LOOP, TYPE I	FOOT	423	423										
* 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1	1										
Z0001110	GAS VALVE TO BE ADJUSTED	EACH	1	1										
Z0004530	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8"	SQ YD	180	180										
Z0005216	HOT-MIX ASPHALT STABILIZATION 6" AT STEEL PLATE BEAM GUARD RAIL	SQ YD	126	126										
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1										
Z0022800	FENCE REMOVAL	FOOT	6,360	3,775						1,564	426		595	
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	212	212										

* SPECIALTY ITEM

- A ROADWAY AND DRAINAGE
- E NOISE WALL 3: SN 016-2296
- I NOISE WALL 5.3: SN 016-2294
- B NOISE WALL 1: SN 016-1361
- F NOISE WALL 4: SN 016-2295
- J NOISE WALL 6: SN 016-1364
- C NOISE WALL 2.1: SN 016-1362
- G NOISE WALL 5.1: SN 016-2293
- D NOISE WALL 2.2: SN 016-1363
- H NOISE WALL 5.2: SN 016-2289



USER NAME = mkr-by	DESIGNED JAB	REVISED -
	DRAWN JAB	REVISED -
PLOT SCALE = 2.00' / 1" =	CHECKED MAM	REVISED -
PLOT DATE = 3/22/2018	DATE 8/21/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
SUMMARY OF QUANTITIES

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

F.A.I. RTE. 90	SECTION (1517 & 1415) I-14	COUNTY COOK	TOTAL SHEETS 353	SHEET NO. 13
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y40	

S00-08

90/10
FED/STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE														
				A	B	C	D	E	F	G	H	I	J					
				0005 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN				
Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	196	196														
Z0062456	TEMPORARY PAVEMENT	SO YD	32	32														
Z0064800	SELECTIVE CLEARING	UNIT	125	125														
Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1	1														
* A2000320	TREE, ACER MIYABEI MORTON (STATE STREET MIYABE MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	11	11														
* A2002008	TREE, AESCULUS FLAVEA (YELLOW SWEET BUCKEYE), 2" CALIPER, BALLED AND BURLAPPED	EACH	6	6														
* A2002020	TREE, AESCULUS GLABRA (OHIO BUCKEYE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	5	5														
* A2002282	TREE, ALNUS X SPAETHII (SPAETHS ALDER), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	5	5														
* A2002564	TREE, CARPINUS CAROLINIANA (AMERICAN HORNBEAM), 5' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED	EACH	5	5														
* A2002916	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2" CALIPER, BALLED AND BURLAPPED	EACH	10	10														
* A2003216	TREE, CORYLUS COLURNA (TURKISH FILBERT), 2" CALIPER, BALLED AND BURLAPPED	EACH	8	8														
* A2004516	TREE, GINKGO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINKGO), 2" CALIPER, BALLED AND BURLAPPED	EACH	7	7														
* A2004617	TREE, GLEDITSIA TRIACANTHOS VAR. INERMIS DRAVES (STREET KEEPER HONEYLOCUST), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	6	6														
* A2005020	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	12	12														

* SPECIALTY ITEM

A ROADWAY AND DRAINAGE
 B NOISE WALL 1: SN 016-1361
 C NOISE WALL 2.1: SN 016-1362
 D NOISE WALL 2.2: SN 016-1363

E NOISE WALL 3: SN 016-2296
 F NOISE WALL 4: SN 016-2295
 G NOISE WALL 5.1: SN 016-2293
 H NOISE WALL 5.2: SN 016-2289

I NOISE WALL 5.3: SN 016-2294
 J NOISE WALL 6: SN 016-1364

HNTB	USER NAME = mki:by	DESIGNED JAB	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE. SUMMARY OF QUANTITIES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 2.00' / 1" =	DRAWN JAB	REVISED		90	(1517 & 1415) 1-14	COOK	353	14			
	PLOT DATE = 3/22/2018	CHECKED MAM	REVISED		SCALE: NTS SHEET NO. 10 OF 14 SHEETS STA. TO STA.			CONTRACT NO. 60Y40		(ILLINOIS) FED. AID PROJECT		
		DATE 8/21/2017	REVISED		S00-08							

90/10
FED/STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE																
				A 0005 URBAN	B 0020 URBAN	C 0020 URBAN	D 0020 URBAN	E 0020 URBAN	F 0020 URBAN	G 0020 URBAN	H 0020 URBAN	I 0020 URBAN	J 0020 URBAN							
* A2006116	TREE, POPULUS DELTOIDES SIOUXLAND (SIOUXLAND COTTONLESS POPLAR), 2" CALIPER, BALLED AND BURLAPPED	EACH	2	2																
* A2006816	TREE, QUERCUS MUEHLENBERGII (CHINKAPIN OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	5	5																
* A2007616	TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 2" CALIPER, BALLED AND BURLAPPED	EACH	13	13																
* A2008468	TREE, ULMUS AMERICANA PRINCETON (PRINCETON AMERICAN ELM), 2" CALIPER, BALLED AND BURLAPPED	EACH	6	6																
* A2012116	TREE, AESCULUS X AUTUMN SPLENDOR (AUTUMN SPLENDOR BUCKEYE), 2" CALIPER, BALLED AND BURLAPPED	EACH	5	5																
* A2016616	TREE, QUERCUS ELLIPSOIDALIS (HILL'S OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	7	7																
* A2064012	TREE, QUERCUS ALBA X ROBUR CRIMSCHMIDT (CRIMSON SPIRE OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	4	4																
* A2C056G3	TREE, QUERCUS MACROCARPA (BURR OAK), CONTAINER GROWN, 3-GALLON	EACH	20	20																
* A2C35G15	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), CONTAINER GROWN, 15-GALLON (ROOT PRODUCTION METHOD), SPECIAL	EACH	10	10																
* C2011136	SHRUB, SYRINGA X PERSICA (PERSIAN LILAC), 3' HEIGHT, BALLED AND BURLAPPED	EACH	385	385																
* C2012424	SHRUB, VIBURNUM LENTAGO (NANNYBERRY VIBURNUM), 2' HEIGHT, BALLED AND BURLAPPED	EACH	16	16																
* C2C00424	SHRUB, ARONIA ARBUTIFOLIA BRILLIANT ISSIMA (BRILLIANT RED CHOKEBERRY), 2' HEIGHT, CONTAINER	EACH	230	230																
* C3005924	SHRUB, RHUS GLABRA (SMOOTH SUMAC), 2' HEIGHT, BARE ROOT	EACH	150	150																
* C3006024	SHRUB, RHUS TYPHINA (STAGHORN SUMAC), 2' HEIGHT, BARE ROOT	EACH	432	432																

* SPECIALTY ITEM

- A ROADWAY AND DRAINAGE
- E NOISE WALL 3: SN 016-2296
- I NOISE WALL 5.3: SN 016-2294
- B NOISE WALL 1: SN 016-1361
- F NOISE WALL 4: SN 016-2295
- J NOISE WALL 6: SN 016-1364
- C NOISE WALL 2.1: SN 016-1362
- G NOISE WALL 5.1: SN 016-2293
- D NOISE WALL 2.2: SN 016-1363
- H NOISE WALL 5.2: SN 016-2289



USER NAME = mklrby	DESIGNED JAB	REVISED -
	DRAWN JAB	REVISED -
PLOT SCALE = 2.00" / 1"	CHECKED MAM	REVISED -
PLOT DATE = 3/22/2018	DATE 8/21/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
SUMMARY OF QUANTITIES
SCALE: NTS SHEET NO. 11 OF 14 SHEETS STA. TO STA.

F.A.I. RTE. 90	SECTION (1517 & 1415) I-14	COUNTY COOK	TOTAL SHEETS 353	SHEET NO. 15
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y40	

S00-08

90/10
FED/STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE																
				A	B	C	D	E	F	G	H	I	J							
				0005 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN							
* D2001660	EVERGREEN, JUNIPERUS VIRGINIANA CANAERTII (CANAERTI RED CEDAR), 5' HEIGHT, BALLED AND BURLAPPED	EACH	26	26																
* D2001960	EVERGREEN, PICEA GLAUCA DENSATA (BLACK HILLS SPRUCE), 5' HEIGHT, BALLED AND BURLAPPED	EACH	14	14																
* D2001972	EVERGREEN, PICEA GLAUCA DENSATA (BLACK HILLS SPRUCE), 6' HEIGHT, BALLED AND BURLAPPED	EACH	13	13																
* D2002160	EVERGREEN, PICEA PUNGENS (COLORADO SPRUCE), 5' HEIGHT, BALLED AND BURLAPPED	EACH	5	5																
* D2002172	EVERGREEN, PICEA PUNGENS (COLORADO SPRUCE), 6' HEIGHT, BALLED AND BURLAPPED	EACH	12	12																
* D2002184	EVERGREEN, PICEA PUNGENS (COLORADO SPRUCE), 7' HEIGHT, BALLED AND BURLAPPED	EACH	5	5																
* D2002760	EVERGREEN, PINUS NIGRA (AUSTRIAN PINE), 5' HEIGHT, BALLED AND BURLAPPED	EACH	13	13																
* D2002772	EVERGREEN, PINUS NIGRA (AUSTRIAN PINE), 6' HEIGHT, BALLED AND BURLAPPED	EACH	10	10																
* D2002784	EVERGREEN, PINUS NIGRA (AUSTRIAN PINE), 7' HEIGHT, BALLED AND BURLAPPED	EACH	6	6																
* E20200G1	VINE-PARTHENOCISSUS QUINQUEFOLIA (VIRGINIA CREEPER), 1-GALLON POT	EACH	2,302	2,302																
* E20210G1	VINE-PARTHENOCISSUS QUINQUEFOLIA ENGEL MANNII (ENGELMANNII VIRGINIA CREEPER), 1-GALLON POT	EACH	577	577																
K0029624	WEED CONTROL, TEASEL	GALLON	123	123																
X0301423	NOISE ABATEMENT WALL, GROUND MOUNTED	SQ FT	67,107		16,547	7,652	25,132	1,024												16,752
X0324013	NOISE ABATEMENT WALL, STRUCTURE MOUNTED	SQ FT	82,677					17,176	29,015	8,188	9,936	18,362								

* SPECIALTY ITEM

- A ROADWAY AND DRAINAGE
- E NOISE WALL 3: SN 016-2296
- I NOISE WALL 5.3: SN 016-2294
- B NOISE WALL 1: SN 016-1361
- F NOISE WALL 4: SN 016-2295
- J NOISE WALL 6: SN 016-1364
- C NOISE WALL 2.1: SN 016-1362
- G NOISE WALL 5.1: SN 016-2293
- D NOISE WALL 2.2: SN 016-1363
- H NOISE WALL 5.2: SN 016-2289

S00-08



USER NAME = mkrby	DESIGNED JAB	REVISED -
	DRAWN JAB	REVISED
PLOT SCALE = 2.00' / 1"	CHECKED MAM	REVISED
PLOT DATE = 3/22/2018	DATE 8/21/2017	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
SUMMARY OF QUANTITIES
SCALE: NTS SHEET NO. 12 OF 14 SHEETS STA. TO STA.

F.A.I. RTE. 90	SECTION (1517 & 1415) 1-14	COUNTY COOK	TOTAL SHEETS 353	SHEET NO. 16
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y40	

90/10
FED/STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE											
				A	B	C	D	E	F	G	H	I	J		
				0005 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN	0020 URBAN		
X0324587	NOISE ABATEMENT WALL ANCHOR ROD ASSEMBLY	EACH	262							155	36			71	
X0325318	LIGHTWEIGHT CELLULAR CONCRETE FILL	CU YD	181							61				120	
X0327979	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	5,634	5,634											
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	206	206											
* X2501800	SEEDING, CLASS 4 (MODIFIED)	ACRE	1.4	1.4											
* X2501820	SEEDING, CLASS 5 (MODIFIED)	ACRE	1.4	1.4											
X2503000	MAINTENANCE MOWING	ACRE	30.0	30.0											
* X2503315	INTERSEEDING, CLASS 4A (MODIFIED)	ACRE	0.2	0.2											
* X2511630	EROSION CONTROL BLANKET (SPECIAL)	SQ YD	11,988	11,988											
X4240800	DETECTABLE WARNINGS (SPECIAL)	SQ FT	471	471											
<input type="checkbox"/> X5537700	STORM SEWERS TO BE CLEANED 10"	FOOT	479	479											
X5860110	GRANULAR BACKFILL FOR STRUCTURES	CU YD	930							574	158			198	
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	95	95											
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	17	17											

* SPECIALTY ITEM

100% STATE

- A ROADWAY AND DRAINAGE
- E NOISE WALL 3: SN 016-2296
- I NOISE WALL 5.3: SN 016-2294
- B NOISE WALL 1: SN 016-1361
- F NOISE WALL 4: SN 016-2295
- J NOISE WALL 6: SN 016-1364
- C NOISE WALL 2.1: SN 016-2293
- G NOISE WALL 5.1: SN 016-2293
- D NOISE WALL 2.2: SN 016-1363
- H NOISE WALL 5.2: SN 016-2289



USER NAME = mkrby	DESIGNED JAB	REVISED
DRAWN JAB	REVISED	
PLOT SCALE = 2.00" / in.	CHECKED MAM	REVISED
PLOT DATE = 3/22/2018	DATE 8/21/2017	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
SUMMARY OF QUANTITIES

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

F.A.I. RTE. 90	SECTION (1517 & 1415) 1-14	COUNTY COOK	TOTAL SHEETS 353	SHEET NO. 17
CONTRACT NO. 60Y40			ILLINOIS FED. AID PROJECT	

S00-08

90/10
FED/STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE																
				A 0005 URBAN	B 0020 URBAN	C 0020 URBAN	D 0020 URBAN	E 0020 URBAN	F 0020 URBAN	G 0020 URBAN	H 0020 URBAN	I 0020 URBAN	J 0020 URBAN							
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1																
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1																
X7013820	TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS	CAL DAY	30	30																
X7015005	CHANGEABLE MESSAGE SIGN	CAL DAY	1,020	1,020																
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	2,615	2,615																
X7330064	SIGN SUPPORT SPECIAL	EACH	21	21																
X1200204	PARTIAL REMOVAL OF SOLDIER PILE WALL	SQ FT	2,076										2,076							
* X1800019	EVERGREEN, PINUS CEMBRA (SWISS STONE PINE), 5' HEIGHT, BALLED AND BURLAPPED	EACH	1	1																
* X1800020	EVERGREEN, PINUS CEMBRA (SWISS STONE PINE), 7' HEIGHT, BALLED AND BURLAPPED	EACH	2	2																
* X1800021	TREE, VIBURNUM PRUNIFOLIUM (BLACKHAW VIBURNUM), 2" CALIPER, BALLED AND BURLAPPED	EACH	9	9																
* X1800022	VINE, PARTHENOISSUS QUINQUEFOLIA TROKI (RED WALL VIRGINIA CREEPER), 2 GALLON POT	EACH	200	200																
* X1800023	VINE, PARTHENOISSUS QUINQUEFOLIA YELLOW WALL (YELLOW WALL VIRGINIA CREEPER), 2 GALLON POT	EACH	200	200																
Ø Z0070600	TRAINEES	HR	2500	2500																
Ø Z0070604	TRAINEES TRAINING PROGRAM GRADUATE	HR	2500	2500																

* SPECIALTY ITEM
Ø 0042

A ROADWAY AND DRAINAGE
B NOISE WALL 1: SN 016-1361
C NOISE WALL 2.1: SN 016-1362
D NOISE WALL 2.2: SN 016-1363
E NOISE WALL 3: SN 016-2296
F NOISE WALL 4: SN 016-2295
G NOISE WALL 5.1: SN 016-2293
H NOISE WALL 5.2: SN 016-2289
I NOISE WALL 5.3: SN 016-2294
J NOISE WALL 6: SN 016-1364



USER NAME = mkrby	DESIGNED JAB	REVISED
	DRAWN JAB	REVISED
PLOT SCALE = 2.00" = 1'	CHECKED MAM	REVISED
PLOT DATE = 3/22/2018	DATE 8/21/2017	REVISED

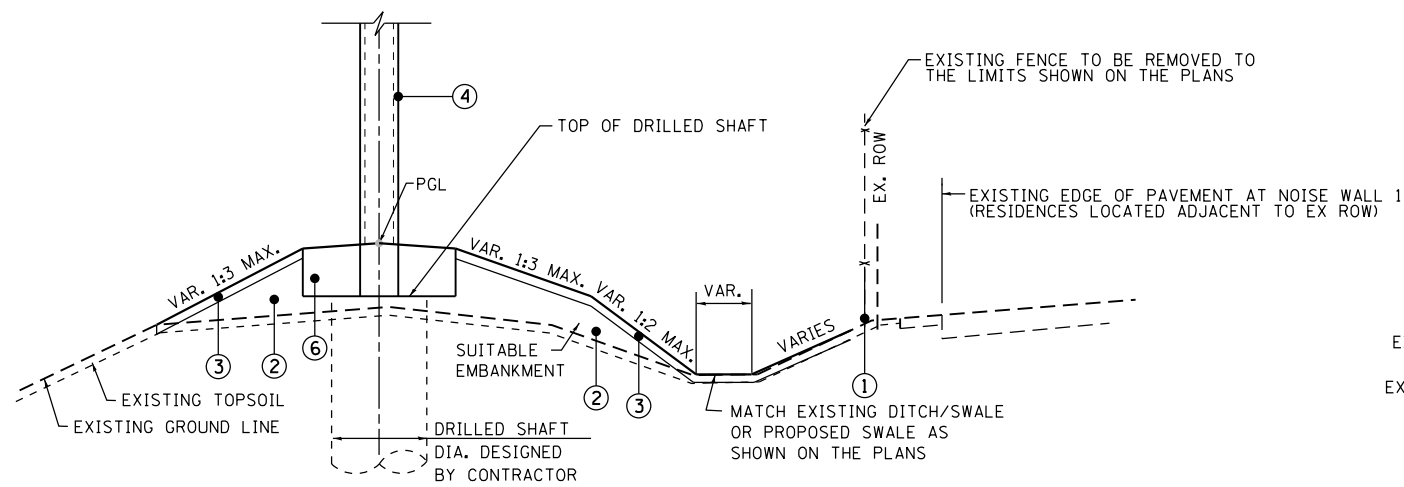
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
SUMMARY OF QUANTITIES

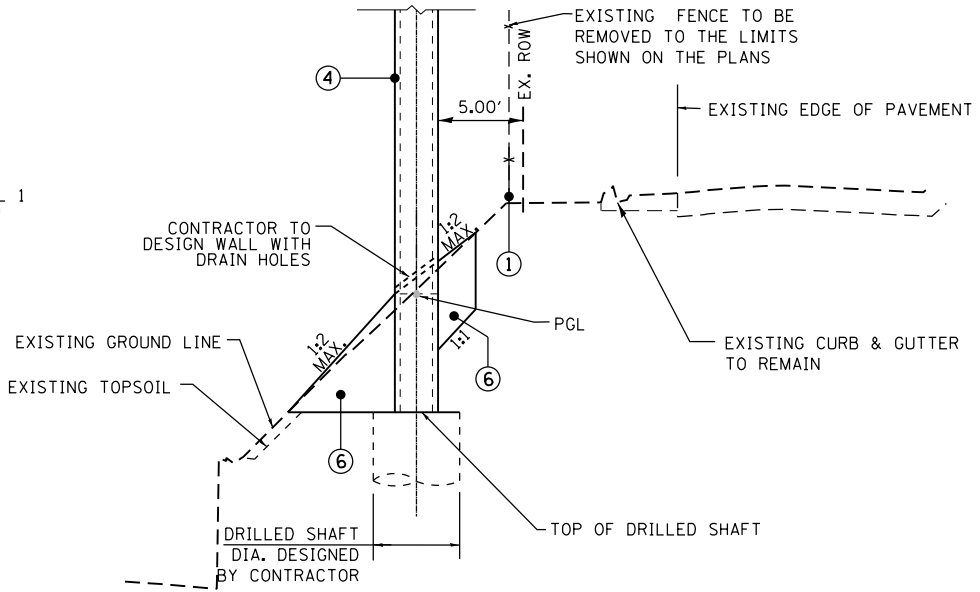
SCALE: NTS SHEET NO. 14 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) I-14	COOK	353	18
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y40	

S00-08

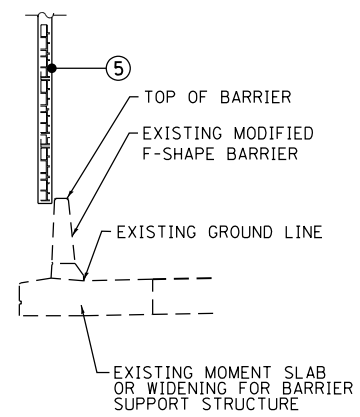


TYPICAL SECTION NOISE WALL 1 & 2.1
NOT TO SCALE

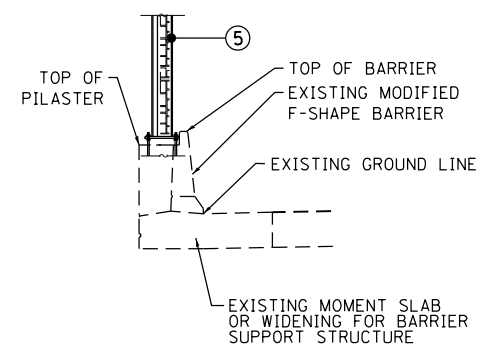


TYPICAL SECTION NOISE WALL 2.2
NOT TO SCALE

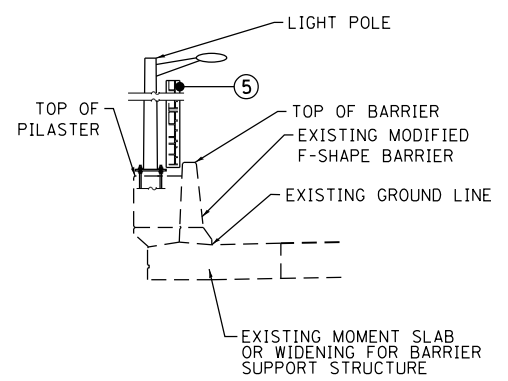
- PROPOSED LEGEND**
- ① FENCE REMOVAL (SEE ROADWAY PLANS)
 - ② FURNISHED EXCAVATION
 - ③ TOPOSOIL EXCAVATION AND PLACEMENT or TOPSOIL FURNISH AND PLACE, 12"
 - ④ NOISE WALL, GROUND MOUNTED
 - ⑤ NOISE WALL, STRUCTURE MOUNTED
 - ⑥ POROUS GRANULAR EMBANKMENT



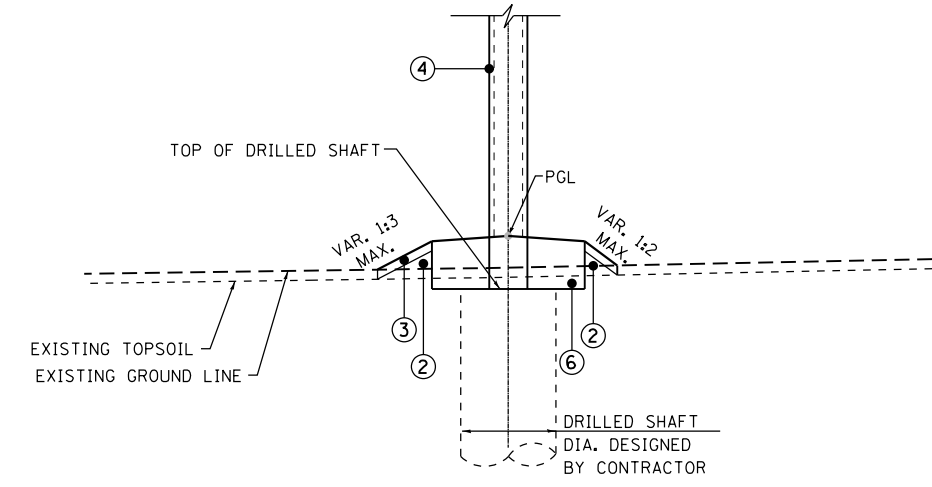
TYPICAL SECTION NOISE WALL 3 (LOOKING EAST)
NOT TO SCALE



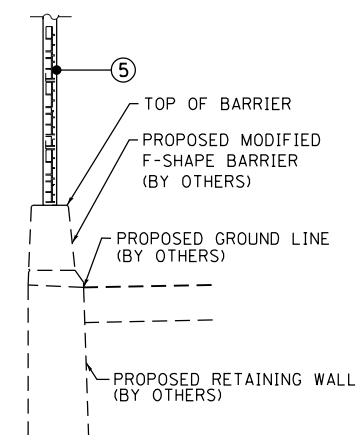
TYPICAL SECTION NOISE WALL 3 (@ NOISE WALL POST)
NOT TO SCALE



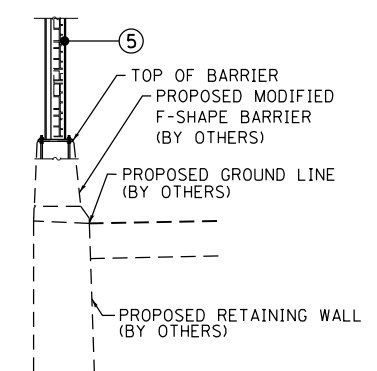
TYPICAL SECTION NOISE WALL 3 (@ LIGHT POLE LOCATION)
NOT TO SCALE



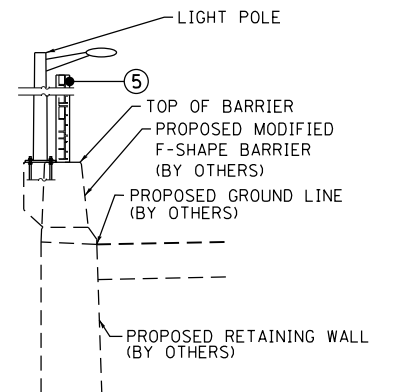
TYPICAL SECTION NOISE WALL 3 (GROUND MOUNTED)
NOT TO SCALE



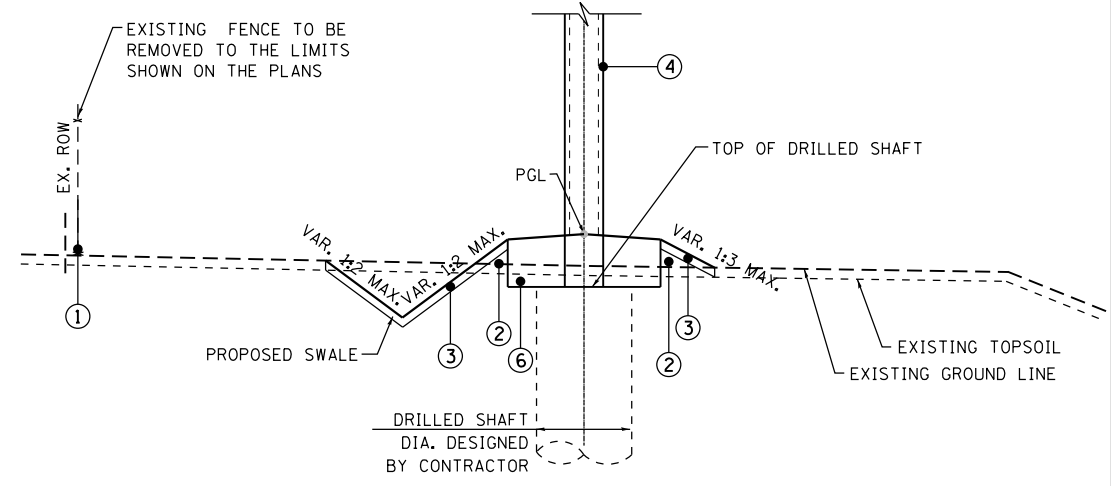
TYPICAL SECTION NOISE WALL 5.2 (LOOKING WEST)
NOT TO SCALE



TYPICAL SECTION NOISE WALL 5.2 (@ NOISE WALL POST)
NOT TO SCALE



TYPICAL SECTION NOISE WALL 5.2 (@ LIGHT POLE LOCATION)
NOT TO SCALE



TYPICAL SECTION NOISE WALL 6
NOT TO SCALE



USER NAME = mksrby	DESIGNED MJK	REVISED - -
PLOT SCALE = 2.00" = 1'	DRAWN JAB	REVISED -
PLOT DATE = 8/17/2017	CHECKED MAM	REVISED -
	DATE 8/21/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
TYPICAL SECTIONS**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) I-14	COOK	353	19
CONTRACT NO. 60Y40				
ILLINOIS FED. AID PROJECT				

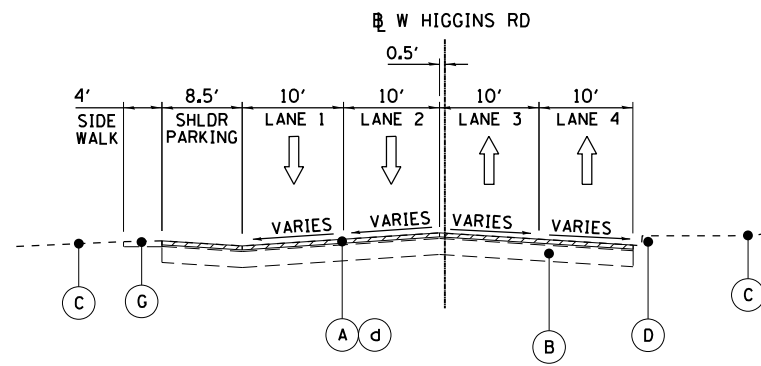
EXISTING LEGEND

- (A) EXISTING 4" +/- HMA SURFACE COURSE
- (B) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 10" +/-
- (C) EXISTING GROUND
- (D) EXISTING CONCRETE CURB AND GUTTER
- (E) EXISTING CHAIN LINK FENCE
- (F) EXISTING RETAINING WALL
- (G) EXISTING CONCRETE SIDEWALK

REMOVAL LEGEND

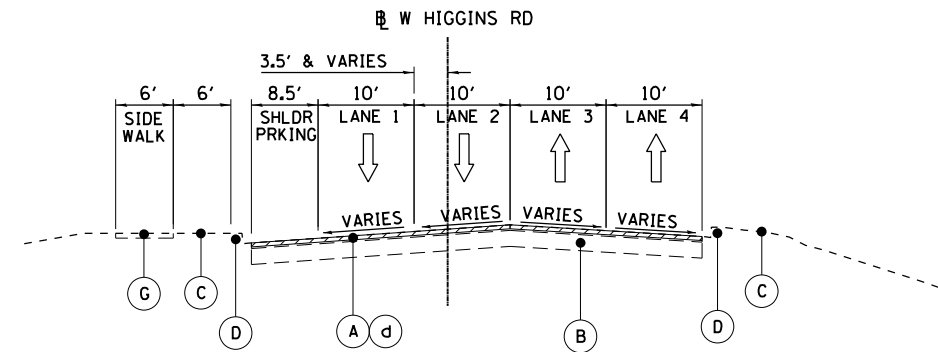
- (a) PAVEMENT REMOVAL
- (b) COMBINATION CURB AND GUTTER REMOVAL
- (c) HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- (d) HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- (e) SIDEWALK REMOVAL

= REMOVE EXISTING ITEM



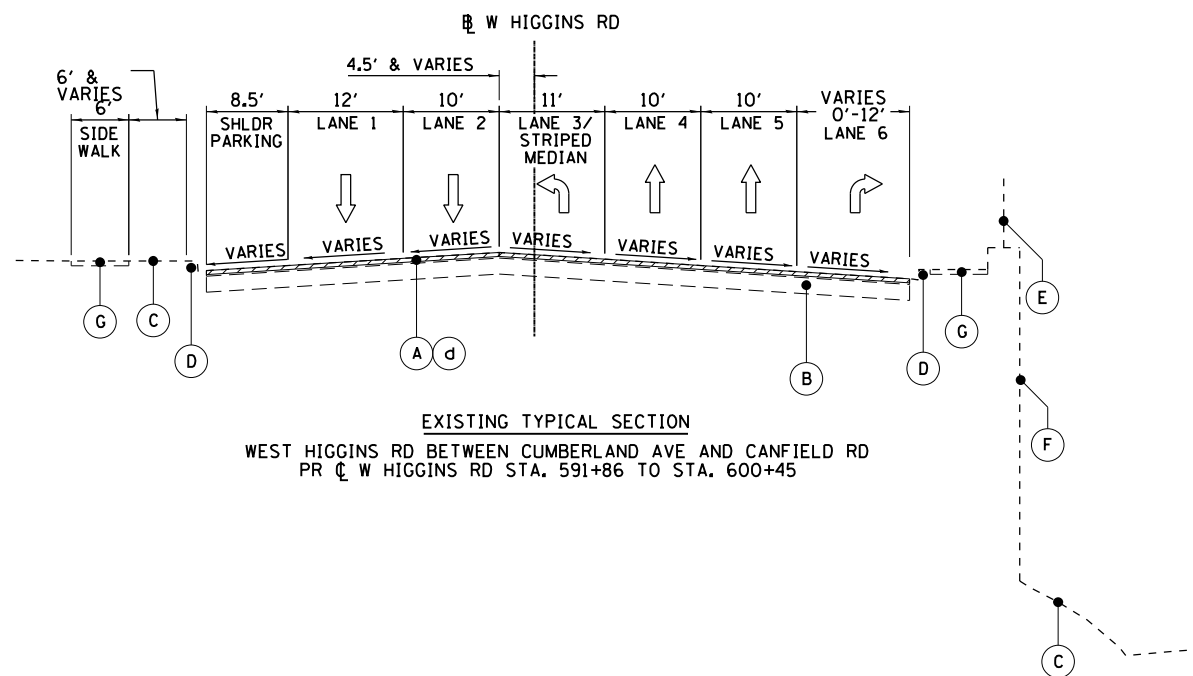
EXISTING TYPICAL SECTION

WEST HIGGINS RD BETWEEN CUMBERLAND AVE AND CANFIELD RD
PR W HIGGINS RD STA. 570+89 TO STA. 587+77



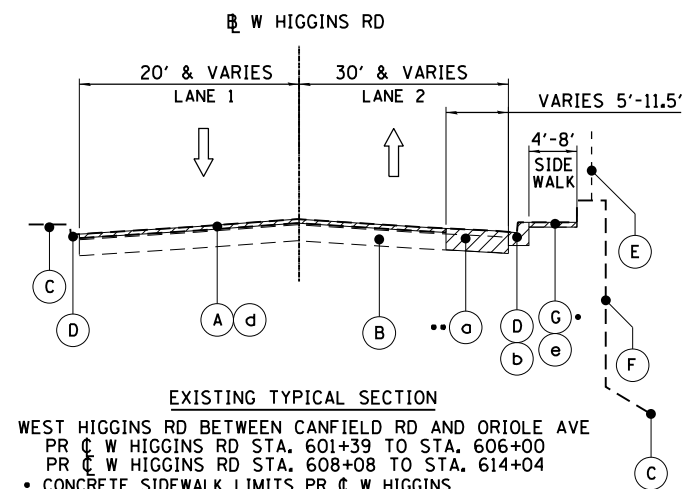
EXISTING TYPICAL SECTION

WEST HIGGINS RD BETWEEN CUMBERLAND AVE AND CANFIELD RD
PR W HIGGINS RD STA. 587+77 TO STA. 591+86



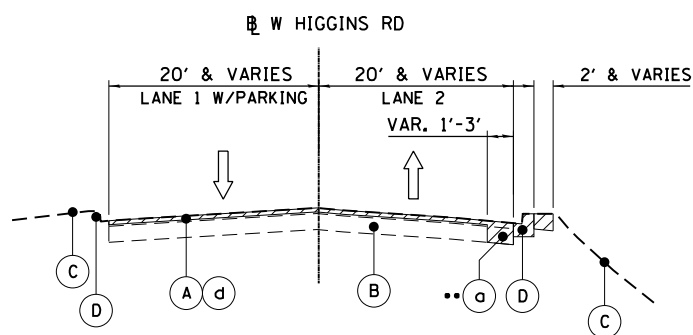
EXISTING TYPICAL SECTION

WEST HIGGINS RD BETWEEN CUMBERLAND AVE AND CANFIELD RD
PR W HIGGINS RD STA. 591+86 TO STA. 600+45



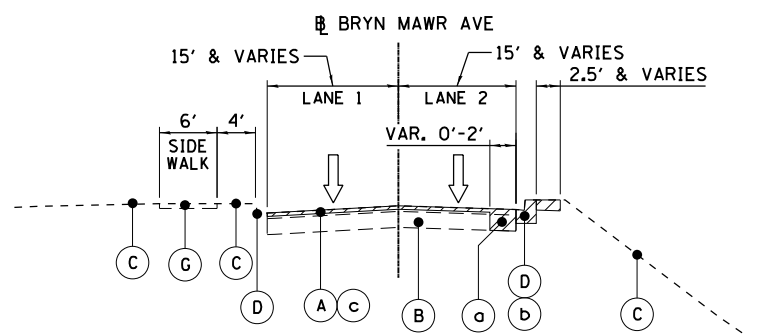
EXISTING TYPICAL SECTION

WEST HIGGINS RD BETWEEN CANFIELD RD AND ORIOLE AVE
PR W HIGGINS RD STA. 601+39 TO STA. 606+00
PR W HIGGINS RD STA. 608+08 TO STA. 614+04
• CONCRETE SIDEWALK LIMITS PR W HIGGINS AVE STA. 601+39 TO STA. 606+00
• PAVEMENT REMOVAL LIMITS PR W HIGGINS AVE STA. 608+08 TO STA. 614+04



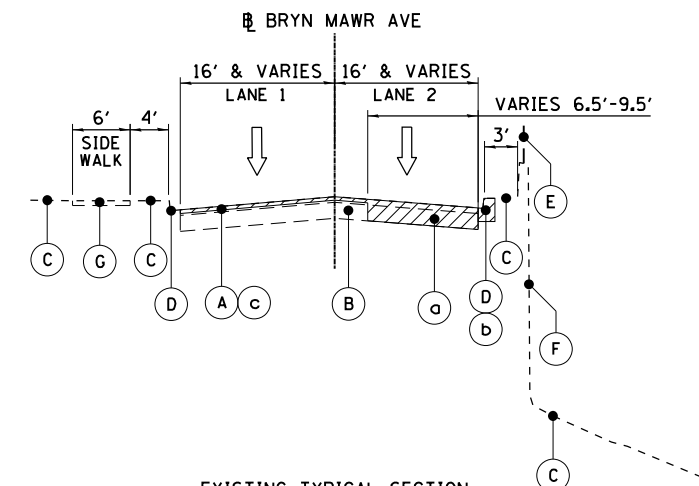
EXISTING TYPICAL SECTION

WEST HIGGINS RD BETWEEN CANFIELD RD AND ORIOLE AVE
PR W HIGGINS RD STA. 606+00 TO STA. 608+08
PR W HIGGINS RD STA. 614+04 TO STA. 618+36
• PAVEMENT REMOVAL LIMITS PR W HIGGINS AVE STA. 601+74 TO STA. 605+99
STA. 614+04 TO STA. 618+36



EXISTING TYPICAL SECTION

WEST BRYN MAWR AVE BETWEEN ORIOLE AVE AND HARLEM AVE
PR BRYN MAWR AVE STA. 100+00 TO STA. 107+63



EXISTING TYPICAL SECTION

WEST BRYN MAWR AVE BETWEEN ORIOLE AVE AND HARLEM AVE
PR BRYN MAWR AVE STA. 107+63 TO STA. 123+20



USER NAME = mksrby	DESIGNED MJK	REVISED - -
PLOT SCALE = 2.00" / 1"	DRAWN JAB	REVISED -
PLOT DATE = 8/15/2017	CHECKED MAM	REVISED -
	DATE 8/21/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
EXISTING TYPICAL SECTIONS

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

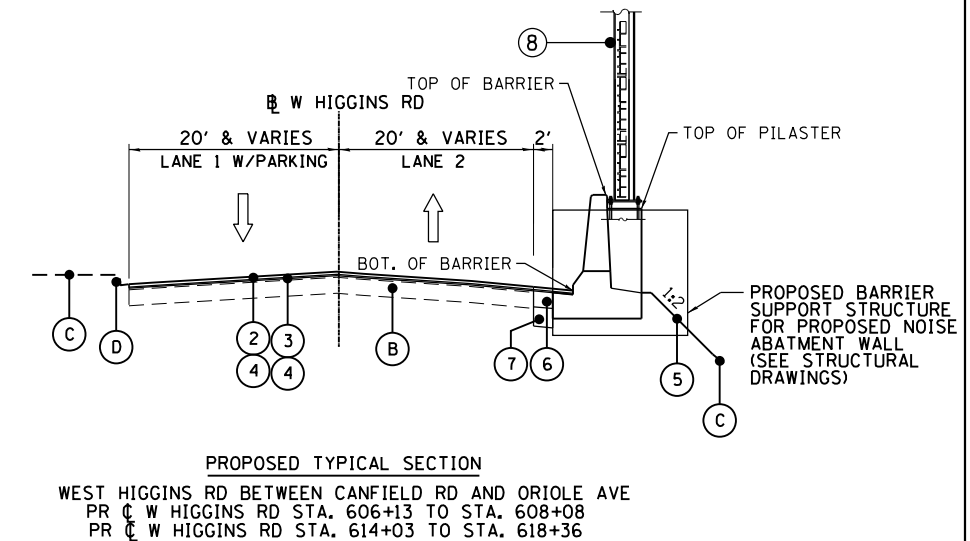
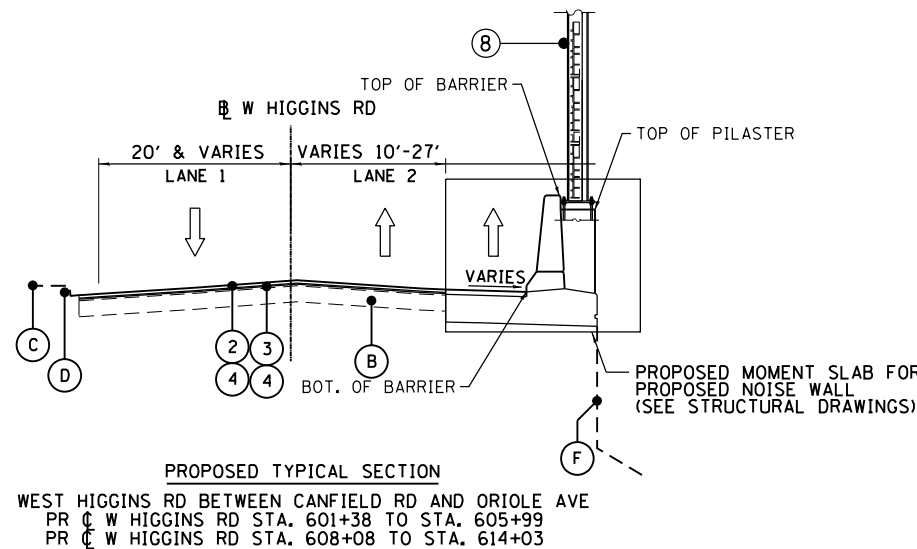
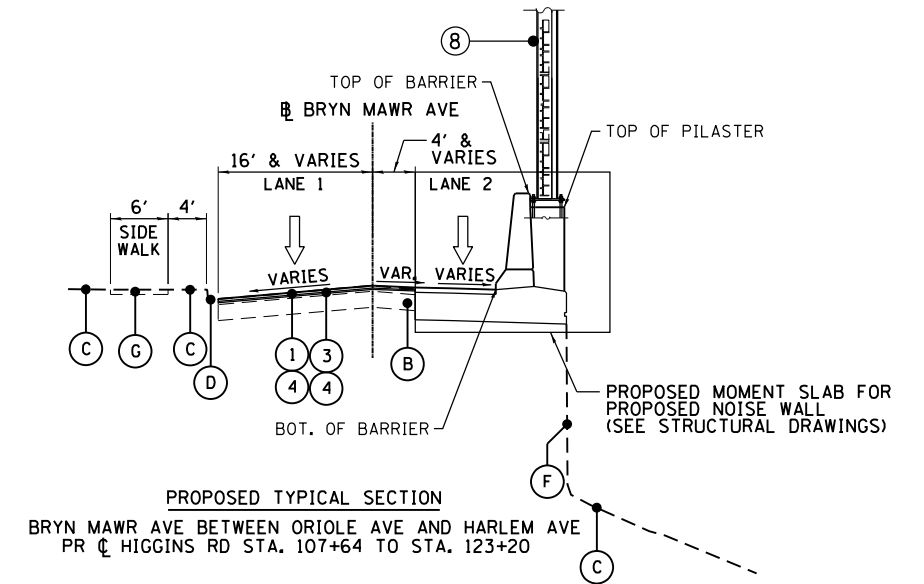
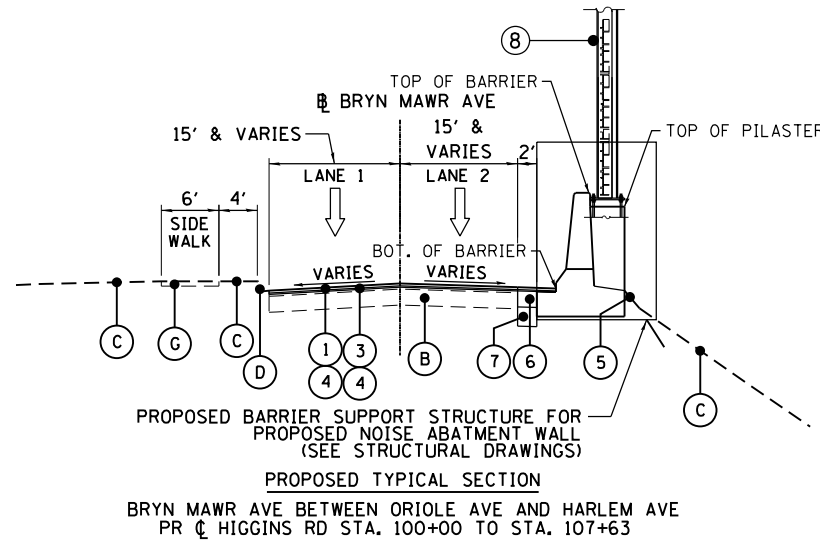
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) I-14	COOK	353	20
			CONTRACT NO. 60Y40	
ILLINOIS FED. AID PROJECT				

EXISTING LEGEND

- (A) EXISTING 4" +/- HMA SURFACE COURSE
- (B) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 10" +/-
- (C) EXISTING GROUND
- (D) EXISTING CONCRETE CURB AND GUTTER
- (E) EXISTING CHAIN LINK FENCE
- (F) EXISTING RETAINING WALL
- (G) EXISTING CONCRETE SIDEWALK

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- (2) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70, 1 3/4"
- (3) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- (4) BITUMINOUS MATERIALS (TACK COAT)
- (5) TOPSOIL EXCAVATION AND PLACEMENT or TOPSOIL FURNISH AND PLACE, 12"
- (6) PORTLAND CEMENT CONCRETE BASE COURSE WIDENING, 10"
- (7) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (8) NOISE ABATEMENT WALL, STRUCTURE MOUNTED



USER NAME = mksrby	DESIGNED MJK	REVISED - -
	DRAWN JAB	REVISED -
PLOT SCALE = 2.00" / 1'	CHECKED MAM	REVISED -
PLOT DATE = 8/15/2017	DATE 8/21/2017	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
 PROPOSED TYPICAL SECTIONS

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

F.A.I. RTE. 90	SECTION (1517 & 1415) I-14	COUNTY COOK	TOTAL SHEETS 353	SHEET NO. 21
CONTRACT NO. 60Y40				ILLINOIS FED. AID PROJECT

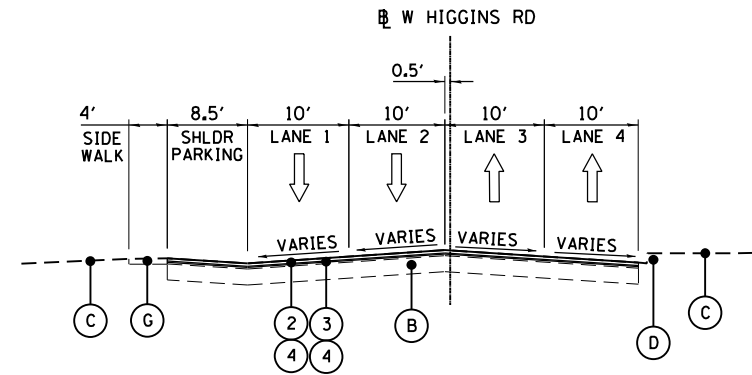
TYP-04

EXISTING LEGEND

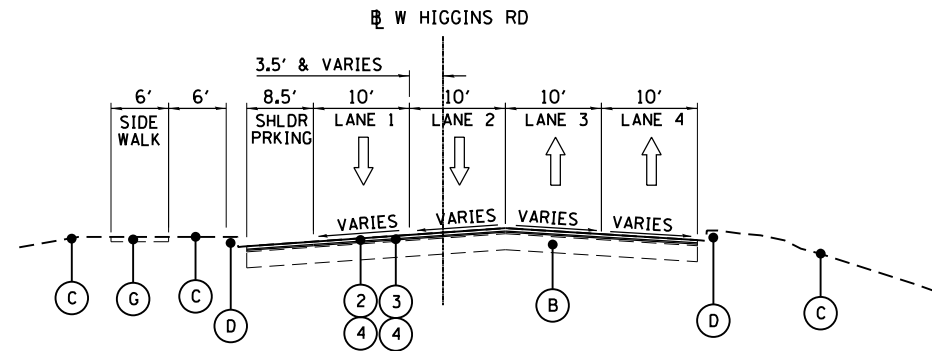
- (A) EXISTING 4" +/- HMA SURFACE COURSE
- (B) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 10" +/-
- (C) EXISTING GROUND
- (D) EXISTING CONCRETE CURB AND GUTTER
- (E) EXISTING CHAIN LINK FENCE
- (F) EXISTING RETAINING WALL
- (G) EXISTING CONCRETE SIDEWALK

PROPOSED LEGEND

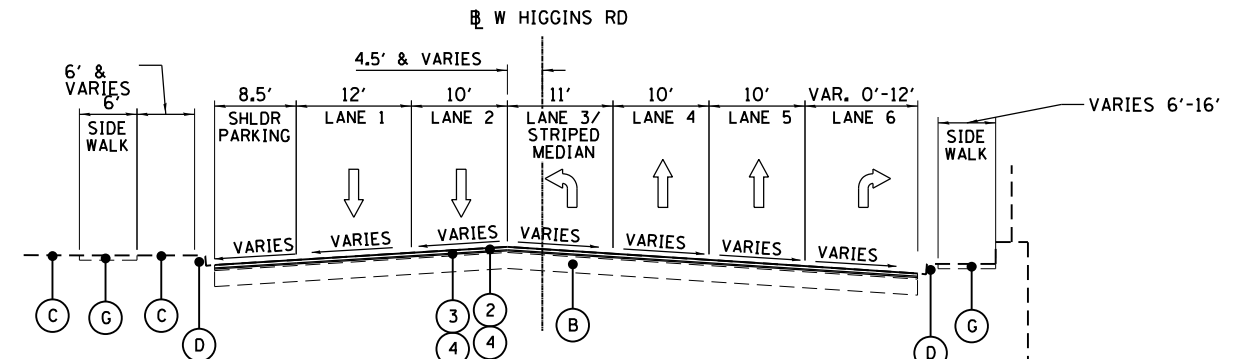
- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- (2) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70, 1 3/4"
- (3) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- (4) BITUMINOUS MATERIALS (TACK COAT)
- (5) TOPSOIL EXCAVATION AND PLACEMENT or TOPSOIL FURNISH AND PLACE, 12"
- (6) PORTLAND CEMENT CONCRETE BASE COURSE WIDENING, 10"
- (7) AGGREGATE SUBGRADE IMPROVEMENT, 12"



PROPOSED TYPICAL SECTION
 WEST HIGGINS RD BETWEEN CUMBERLAND AVE AND CANFIELD RD
 PR C W HIGGINS RD STA. 570+89 TO STA. 587+77



PROPOSED TYPICAL SECTION
 WEST HIGGINS RD BETWEEN CUMBERLAND AVE AND CANFIELD RD
 PR C W HIGGINS RD STA. 587+77 TO STA. 591+86



PROPOSED TYPICAL SECTION
 WEST HIGGINS RD BETWEEN CUMBERLAND AVE AND CANFIELD RD
 PR C W HIGGINS RD STA. 591+86 TO STA. 600+47
 • RETAINING WALL LIMITS PR W HIGGINS RD STA. 595+41 TO STA. 600+45



USER NAME = mksrby	DESIGNED = MJK	REVISED = -
	DRAWN = JAB	REVISED = -
PLOT SCALE = 24.00' / ft	CHECKED = MAM	REVISED = -
PLOT DATE = 1/19/2018	DATE = 8/21/2017	REVISED = -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
 PROPOSED TYPICAL SECTIONS**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) I-14	COOK	353	22
CONTRACT NO. 60Y40				
ILLINOIS FED. AID PROJECT				

TYP-05

EARTHWORK SCHEDULE - NOISEWALL 1								
BEGIN STATION	END STATION	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	Suitable Excavation	POROUS GRANULAR EMBANKMENT	EXCAVATION TO BE USED IN EMBANKMENT (ADJUSTED FOR 15% SHRINKAGE*)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
		(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
10+50.00	11+00.00	29	55	32	5	28	1	27
11+00.00	11+50.00	26	49	29	5	25	4	21
11+50.00	12+00.00	29	49	24	5	21	4	17
12+00.00	12+50.00	30	51	33	5	28	1	27
12+50.00	13+00.00	29	50	33	5	28	3	25
13+00.00	13+50.00	25	43	20	5	17	7	10
13+50.00	14+00.00	21	36	19	5	17	5	12
14+00.00	14+50.00	20	35	26	5	22	3	19
14+50.00	15+00.00	21	36	24	5	20	10	10
15+00.00	15+50.00	21	35	20	5	17	13	4
15+50.00	16+00.00	20	35	16	5	14	18	-4
16+00.00	16+50.00	23	40	11	5	9	29	-20
16+50.00	17+00.00	28	42	6	8	5	28	-23
17+00.00	17+50.00	26	36	7	8	6	14	-8
17+50.00	18+00.00	20	31	8	5	7	11	-4
18+00.00	18+10.00	20	32	16	5	14	7	7
18+10.00	WALL END	4	6	4	1	3	0	3
TOTAL		392	661	330	85	281	158	123

EARTHWORK SCHEDULE - NOISEWALL 2.1								
BEGIN STATION	END STATION	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	Suitable Excavation	POROUS GRANULAR EMBANKMENT	EXCAVATION TO BE USED IN EMBANKMENT (ADJUSTED FOR 15% SHRINKAGE*)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
		(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
10+00.00	10+04.09	0	0	0	0	0	0	0
10+04.09	10+50.00	0	0	0	0	0	0	0
10+50.00	11+00.00	7	5	3	4	2	1	1
11+00.00	11+36.30	4	14	10	5	9	0	9
11+36.30	11+40.97	9	23	15	4	13	2	11
11+40.97	12+00.00	3	4	3	0	2	0	2
12+00.00	12+50.00	28	41	26	6	22	3	19
12+50.00	13+00.00	16	26	18	5	15	0	15
13+00.00	13+50.00	25	43	13	5	11	18	-7
13+50.00	13+81.88	24	43	13	5	11	18	-7
13+81.88	14+00.00	14	23	13	3	11	1	10
14+00.00	14+53.52	11	19	6	2	5	5	0
14+53.52	15+00.00	31	53	13	5	11	18	-7
15+00.00	15+50.00	19	31	12	5	10	6	4
15+50.00	15+96.89	8	29	24	5	21	1	20
15+96.89	16+50.00	0	33	38	5	32	0	32
16+50.00	17+00.00	10	29	33	5	28	4	24
17+00.00	17+23.86	18	23	16	5	13	5	8
17+23.86	WALL END	8	10	7	2	6	2	4
TOTAL		234	450	261	70	222	85	137

SUMMARY OF QUANTITIES					
Location	Topsoil Excavation CU YD	Topsoil Placement CU YD	EARTH EXCAVATION CU YD	POROUS GRANULAR EMBANKMENT CU YD	FURNISHED EXCAVATION CU YD
NOISEWALL 1	392	661	330	85	-
NOISEWALL 2.1	234	450	261	70	-
NOISEWALL 2.2	445	485	69	220	-
NOISEWALL 3	30	41	10	5	-
NOISEWALL 6	1,064	869	387	120	-
ADA Ramps	5	5	43	0	-
Totals	2,170	2,511	1,100	500	0

NOTE:
TOPSOIL BALANCE REQUIRES ADDITIONAL TOPSOIL TO BE FURNISHED BY THE CONTRACTOR FROM AREAS OUTSIDE THE LIMITS OF THE R.O.W., PAID AS:
TOPSOIL FURNISH AND PLACE 2" or
TOPSOIL FURNISH AND PLACE 12"

EARTHWORK SCHEDULE - NOISEWALL 2.2								
BEGIN STATION	END STATION	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	Suitable Excavation	POROUS GRANULAR EMBANKMENT	EXCAVATION TO BE USED IN EMBANKMENT (ADJUSTED FOR 15% SHRINKAGE*)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
		(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
2200+00.00	2200+50.00	0	0	0	0	0	0	0
2200+50.00	2201+00.00	10	11	6	5	5	1	4
2201+00.00	2201+50.00	14	17	5	5	4	3	1
2201+50.00	2202+00.00	17	20	6	5	5	4	1
2202+00.00	2202+50.00	21	26	8	5	7	2	5
2202+50.00	2203+00.00	27	33	6	6	5	9	-4
2203+00.00	2203+50.00	25	29	11	8	9	8	1
2203+50.00	2204+00.00	19	21	11	9	9	1	8
2204+00.00	2204+50.00	17	17	10	11	8	1	7
2204+50.00	2205+00.00	21	22	14	13	12	0	12
2205+00.00	2205+50.00	27	30	20	14	17	0	17
2205+50.00	2206+00.00	31	34	24	14	20	0	20
2206+00.00	2206+50.00	29	31	20	13	17	0	17
2206+50.00	2207+00.00	22	22	20	13	17	0	17
2207+00.00	2207+50.00	15	11	18	13	15	0	15
2207+50.00	2208+00.00	15	9	18	14	15	0	15
2208+00.00	2208+50.00	26	26	12	14	10	7	3
2208+50.00	2209+00.00	27	29	6	13	5	7	-2
2209+00.00	2209+50.00	20	19	9	12	8	0	8
2209+50.00	2210+00.00	15	15	10	10	8	0	8
2210+00.00	2210+50.00	14	16	12	8	10	0	10
2210+50.00	2211+00.00	17	24	16	7	14	0	14
2211+00.00	WALL END	17	24	17	6	15	0	15
TOTAL		445	485	69	220	235	45	190

EARTHWORK SCHEDULE - NOISEWALL 6								
BEGIN STATION	END STATION	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	Suitable Excavation	POROUS GRANULAR EMBANKMENT	EXCAVATION TO BE USED IN EMBANKMENT (ADJUSTED FOR 15% SHRINKAGE*)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
		(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
99+66.02	599+76.02	0	0	0	0	0	0	0
599+76.02	600+00.00	1	1	0	0	0	0	0
600+00.00	600+50.00	10	8	3	1	2	1	1
600+50.00	601+00.00	36	29	6	5	5	2	3
601+00.00	601+50.00	41	34	6	5	5	4	1
601+50.00	602+00.00	37	29	5	5	4	7	-3
602+00.00	602+50.00	38	30	24	5	21	4	17
602+50.00	603+00.00	43	35	33	5	28	0	28
603+00.00	603+50.00	41	33	15	5	13	1	12
603+50.00	604+00.00	40	33	7	5	6	3	3
604+00.00	604+50.00	44	36	6	5	5	5	0
604+50.00	605+00.00	46	38	6	5	5	6	-1
605+00.00	605+50.00	49	41	5	5	5	9	-4
605+50.00	606+00.00	41	34	8	5	7	7	0
606+00.00	606+50.00	29	22	9	5	8	3	5
606+50.00	607+00.00	28	20	6	5	5	6	-1
607+00.00	607+50.00	39	32	13	5	11	4	7
607+50.00	607+58.96	73	65	45	5	38	2	36
607+58.96	607+61.00	17	16	15	1	12	0	12
607+61.00	608+00.00	4	4	4	0	3	0	3
608+00.00	608+50.00	64	57	60	4	51	1	50
608+50.00	609+00.00	54	46	37	5	31	2	29
609+00.00	609+50.00	48	40	21	5	17	5	12
609+50.00	610+00.00	34	26	12	5	10	7	3
610+00.00	610+50.00	30	23	10	5	8	7	1
610+50.00	611+00.00	29	21	11	5	9	6	3
611+00.00	611+13.64	38	30	11	5	9	5	4
611+13.64	611+50.00	15	12	3	1	2	4	-2
611+50.00	611+62.56	41	33	4	4	3	18	-15
611+62.56	612+15.85	12	10	0	1	0	6	-6
612+15.85	WALL END	43	32	0	5	0	18	-18
TOTAL		1,064	869	387	120	323	144	180



USER NAME = mksrby	DESIGNED BAJ	REVISED -
	DRAWN BAJ	REVISED -
PLOT SCALE = 24.00' / Ft.	CHECKED MAM	REVISED -
PLOT DATE = 1/18/2018	DATE 8/21/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
SCHEDULE AND SUMMARY OF QUANTITIES
EARTHWORK - NOISE WALLS 1, 2, 2.2, 6

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) I-14	COOK	353	23
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y40	

PAVEMENT MARKING SCHEDULE OF QUANTITIES

ROUTE	FROM STA.	TO STA.	78000100	78000200	78000400	78000600	78000650	78100100
			THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	RAISED REFLECTIVE PAVEMENT MARKER
	LIMITS		SO FT	FOOT	FOOT	FOOT	FOOT	EACH
HIGGINS RD.	585+00.00	600+42.00	-	3884	538	-	507.05	310
	585+00.00	600+42.00	145.6	4013	129	49	343	357
	600+42.00	618+50.00	182	3011	303	210	657	162
BRYN MAWR AVE.	100+19.00	LIMITS	83	788	100	-	346	79
TOTAL			411	11694	1070	259	1853	907



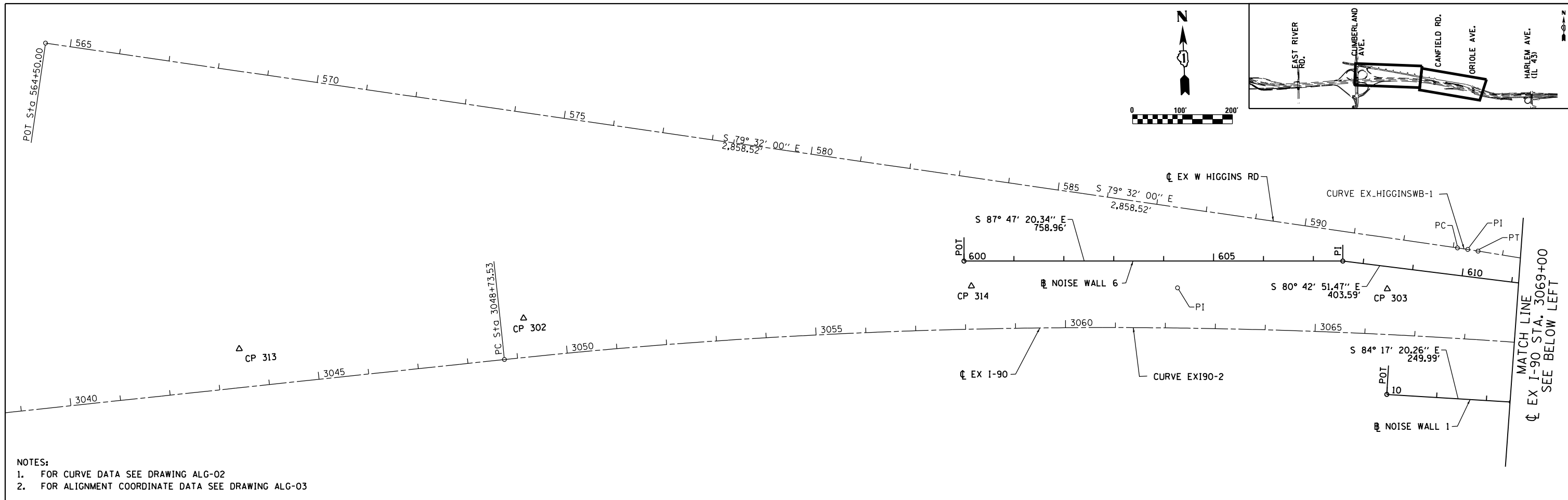
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	DRAWN BAJ	REVISED -
PLOT SCALE = 24.00' / Ft.	CHECKED AMJ	REVISED -
PLOT DATE = 1/17/2018	DATE 8/21/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

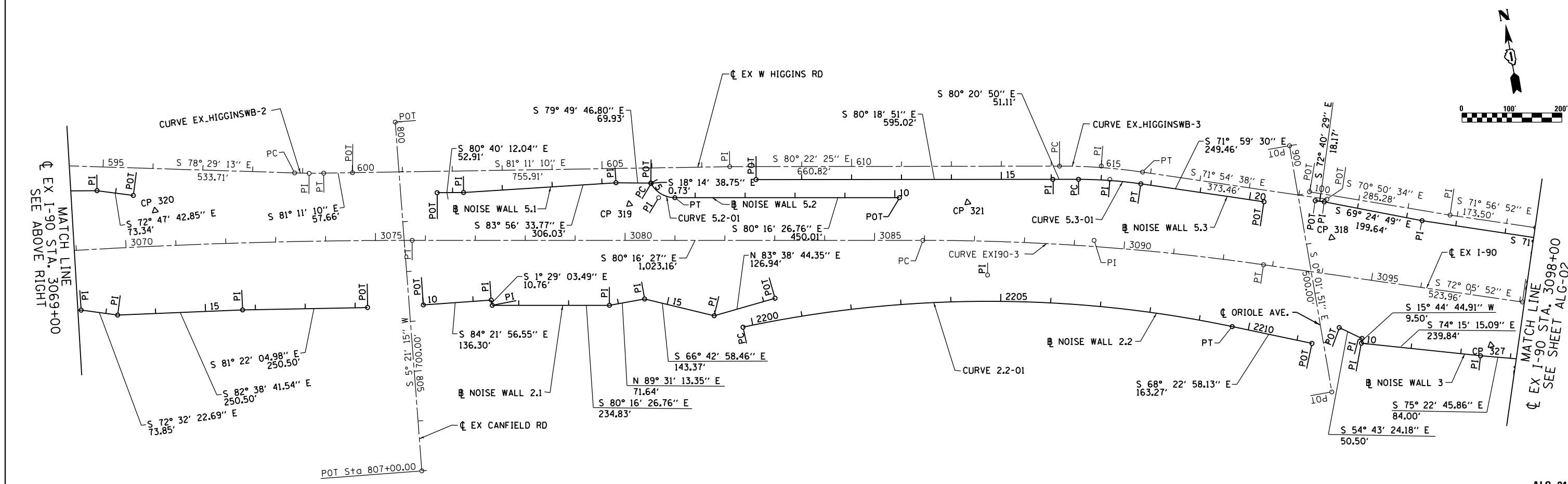
**I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
SCHEDULE AND SUMMARY OF QUANTITIES
EARTHWORK - NOISE WALLS 1, 2, 2.2, 6**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) I-14	COOK	353	24
CONTRACT NO. 60Y40			ILLINOIS FED. AID PROJECT	



- NOTES:
1. FOR CURVE DATA SEE DRAWING ALG-02
 2. FOR ALIGNMENT COORDINATE DATA SEE DRAWING ALG-03



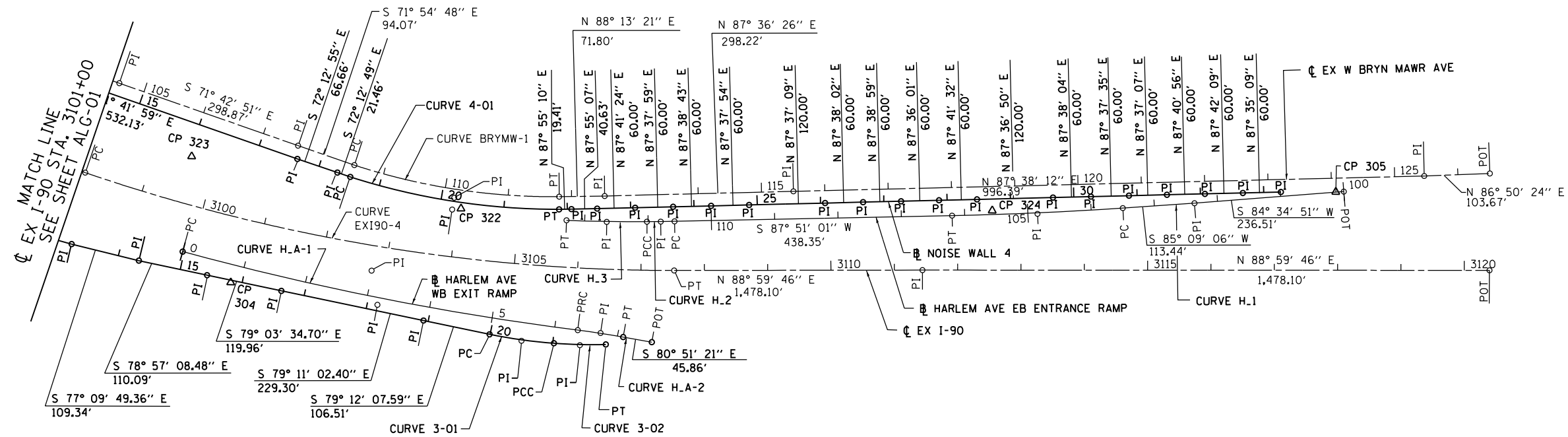
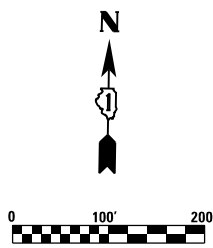
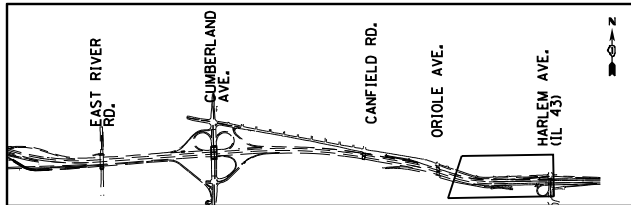
USER NAME = mksrby	DESIGNED JAB	REVISED -
	DRAWN JAB	REVISED -
PLOT SCALE = 2.00' / in.	CHECKED MAM	REVISED -
PLOT DATE = 8/15/2017	DATE 8/21/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 NOISE WALLS FROM CUMBERLAND AVE TO HARLEM AVE
ALIGNMENT & TIES**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) I-14	COOK	353	25
CONTRACT NO. 60Y40				
ILLINOIS FED. AID PROJECT				



- NOTES:
 1. FOR CURVE DATA SEE BELOW
 2. FOR ALIGNMENT COORDINATE DATA SEE DRAWING ALG-03

<p>NOISE WALL 2.2</p> <p>PROP. CURVE 2.2-01 PI STA. = 2204+80.96 $\Delta = 23^\circ 55' 10''$ (RT) $D = 2^\circ 25' 22''$ $R = 2,365.00'$ $T = 500.96'$ $L = 987.33'$ $E = 52.48'$ P.C. STA. = 2199+80.00 P.T. STA. = 2209+67.33</p>	<p>NOISE WALL 5.2</p> <p>PROP. CURVE 5.2-01 PI STA. = 5+33.19 $\Delta = 62^\circ 01' 48''$ (LT) $D = 106^\circ 06' 12''$ $R = 54.00'$ $T = 32.47'$ $L = 58.46'$ $E = 9.01'$ P.C. STA. = 5+00.73 P.T. STA. = 5+59.19</p>	<p>NOISE WALL 5.3</p> <p>PROP. CURVE 5.3-01 PI STA. = 17+17.45 $\Delta = 8^\circ 18' 47''$ (RT) $D = 6^\circ 37' 57''$ $R = 863.85'$ $T = 62.78'$ $L = 125.34'$ $E = 2.28'$ P.C. STA. = 16+54.67 P.T. STA. = 17+80.01</p>	<p>NOISE WALL 3</p> <p>PROP. CURVE 3-01 PI STA. = 20+50.45 $\Delta = 7^\circ 11' 33''$ (LT) $D = 7^\circ 00' 18''$ $R = 817.91'$ $T = 51.41'$ $L = 102.68'$ $E = 1.61'$ P.C. STA. = 19+99.04 P.T. STA. = 21+01.72</p> <p>PROP. CURVE 3-02 PI STA. = 21+42.76 $\Delta = 5^\circ 53' 00''$ (LT) $D = 7^\circ 10' 28''$ $R = 798.62'$ $T = 41.04'$ $L = 82.00'$ $E = 1.05'$ P.C. STA. = 21+01.72 P.T. STA. = 21+83.72</p>	<p>NOISE WALL 4</p> <p>PROP. CURVE 4-1-01 PI STA. = 20+20.94 $\Delta = 17^\circ 47' 48''$ (LT) $D = 5^\circ 18' 36''$ $R = 1,079.02'$ $T = 168.94'$ $L = 335.16'$ $E = 13.15'$ P.C. STA. = 18+52.00 P.T. STA. = 21+87.16</p>	<p>EXISTING I-90</p> <p>EXIST. CURVE EX190-2 PI STA. = 3062+29.84 $\Delta = 13^\circ 35' 57''$ (RT) $D = 0^\circ 30' 13''$ $R = 11,375.00'$ $T = 1,356.31'$ $L = 2,699.87'$ $E = 80.58'$ P.C. STA. = 3048+73.53 P.T. STA. = 3075+73.41</p> <p>EXIST. CURVE EX190-3 PI STA. = 3089+39.64 $\Delta = 8^\circ 10' 34''$ (RT) $D = 1^\circ 11' 37''$ $R = 4,800.00'$ $T = 343.07'$ $L = 684.97'$ $E = 12.24'$ P.C. STA. = 3085+96.57 P.T. STA. = 3092+81.54</p> <p>EXIST. CURVE EX190-4 PI STA. = 3102+83.35 $\Delta = 18^\circ 54' 22''$ (LT) $D = 1^\circ 59' 47''$ $R = 2,870.00'$ $T = 477.85'$ $L = 947.02'$ $E = 39.51'$ P.C. STA. = 3098+05.50 P.T. STA. = 3107+52.52</p>
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<p>BRYN MAWR AVE FRONTAGE</p> <p>EXIST. CURVE BRYMW-1 PI STA. = 110+17.55 $\Delta = 18^\circ 37' 53''$ (LT) $D = 5^\circ 40' 05''$ $R = 1,010.88'$ $T = 165.82'$ $L = 328.71'$ $E = 13.51'$ P.C. STA. = 108+51.73 P.T. STA. = 111+80.45</p>	<p>HIGGINS RD FRONTAGE</p> <p>EXIST. CURVE EX_HIGGINSWB-1 PI STA. = 593+29.44 $\Delta = 1^\circ 02' 47''$ (RT) $D = 2^\circ 30' 07''$ $R = 2,290.00'$ $T = 20.91'$ $L = 41.83'$ $E = 0.10'$ P.C. STA. = 593+08.52 P.T. STA. = 593+50.35</p> <p>EXIST. CURVE EX_HIGGINSWB-2 PI STA. = 599+13.20 $\Delta = 2^\circ 41' 58''$ (LT) $D = 4^\circ 37' 55''$ $R = 1,237.00'$ $T = 29.15'$ $L = 58.28'$ $E = 0.34'$ P.C. STA. = 598+84.06 P.T. STA. = 599+42.34</p> <p>EXIST. CURVE EX_HIGGINSWB-3 PI STA. = 615+00.34 $\Delta = 8^\circ 27' 47''$ (RT) $D = 5^\circ 04' 14''$ $R = 1,130.00'$ $T = 83.61'$ $L = 166.91'$ $E = 3.09'$ P.C. STA. = 614+16.73 P.T. STA. = 615+83.64</p>	<p>HARLEM AVE EB ENTRANCE RAMP</p> <p>EXIST. CURVE H.1 PI STA. = 104+84.93 $\Delta = 2^\circ 41' 55''$ (RT) $D = 1^\circ 00' 00''$ $R = 5,730.00'$ $T = 134.97'$ $L = 269.89'$ $E = 1.59'$ P.C. STA. = 103+49.96 P.T. STA. = 106+19.84</p> <p>EXIST. CURVE H.2 PI STA. = 110+79.97 $\Delta = 0^\circ 53' 33''$ (RT) $D = 2^\circ 02' 55''$ $R = 2,796.94'$ $T = 21.78'$ $L = 43.56'$ $E = 0.08'$ P.C. STA. = 110+58.19 P.T. STA. = 111+01.76</p> <p>EXIST. CURVE H.3 PI STA. = 111+65.29 $\Delta = 2^\circ 36' 19''$ (RT) $D = 2^\circ 03' 02''$ $R = 2,794.27'$ $T = 63.54'$ $L = 127.05'$ $E = 0.72'$ P.C. STA. = 111+01.76 P.T. STA. = 112+28.81</p>	<p>HARLEM AVE WB EXIT RAMP</p> <p>EXIST. CURVE H.A-1 PI STA. = 3+18.77 $\Delta = 8^\circ 02' 11''$ (LT) $D = 1^\circ 15' 45''$ $R = 4,538.00'$ $T = 318.77'$ $L = 636.50'$ $E = 11.18'$ P.C. STA. = 0+00.00 P.T. STA. = 6+36.50</p> <p>EXIST. CURVE H.A-2 PI STA. = 6+72.82 $\Delta = 2^\circ 54' 00''$ (RT) $D = 3^\circ 59' 31''$ $R = 1,435.26'$ $T = 36.33'$ $L = 72.64'$ $E = 0.46'$ P.C. STA. = 6+36.50 P.T. STA. = 7+09.14</p>
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ALIGNMENT COORDINATES BRYN MAWR AVE FRONTAGE				
CURVE	POINT	STATION	NORTHING	EASTING
POINT	POT	100+00.00	1,937,000.04	1,124,701.94
POINT	PI	102+85.28	1,936,906.43	1,124,971.43
POINT	PI	104+58.79	1,936,852.66	1,125,136.39
POINT	PI	107+57.66	1,936,758.89	1,125,420.17
BRYMW-1	PC	108+51.73	1,936,729.68	1,125,509.59
	PI	110+17.55	1,936,680.94	1,125,668.09
	PT	111+80.45	1,936,685.39	1,125,833.85
POINT	PI	112+52.24	1,936,687.62	1,125,905.62
POINT	PI	115+50.47	1,936,700.07	1,126,203.58
POINT	PI	125+46.85	1,936,741.16	1,127,199.12
POINT	PI	126+50.53	1,936,746.87	1,127,302.63

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

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

ALIGNMENT COORDINATES HARLEM AVE EB ENTRANCE RAMP				
CURVE	POINT	STATION	NORTHING	EASTING
POINT	POT	100+00.00	1,936,714.41	1,127,072.51
POINT	PI	102+36.51	1,936,692.07	1,126,837.06
H.1	PC	103+49.96	1,936,682.49	1,126,724.02
	PI	104+84.99	1,936,671.08	1,126,589.53
	PT	106+19.84	1,936,666.02	1,126,454.66
H.2	PC	110+58.19	1,936,649.57	1,126,016.62
	PI	110+79.97	1,936,648.74	1,125,994.85
	PCC	111+01.76	1,936,648.25	1,125,973.08
H.3	PCC	111+01.76	1,936,648.25	1,125,973.08
	PI	111+65.29	1,936,646.81	1,125,909.56
	PT	112+28.81	1,936,648.25	1,125,846.03

ALIGNMENT COORDINATES HARLEM AVE WB EXIT RAMP				
CURVE	POINT	STATION	NORTHING	EASTING
H.A-1	PC	0+00.00	1,936,588.60	1,125,240.93
	PI	3+18.77	1,936,509.97	1,125,549.85
	PRC	6+36.50	1,936,475.30	1,125,866.73
H.A-2	PRC	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
POINT	POT	7+55.00	1,936,458.29	1,125,983.99

ALIGNMENT COORDINATES NOISE WALL 1				
CURVE	POINT	STATION	NORTHING	EASTING
POINT	POT	10+00.00	1,937,207.28	1,121,987.19
POINT	PI	12+49.99	1,937,182.40	1,122,235.94
POINT	PI	13+23.84	1,937,160.25	1,122,306.39
POINT	PI	15+74.34	1,937,128.18	1,122,554.82
POINT	POT	18+24.84	1,937,090.58	1,122,802.48

ALIGNMENT COORDINATES NOISE WALL 2.1				
CURVE	POINT	STATION	NORTHING	EASTING
POINT	POT	10+00.00	1,937,076.81	1,122,913.48
POINT	PI	11+36.30	1,937,063.43	1,123,049.12
POINT	PI	11+47.05	1,937,052.68	1,123,049.39
POINT	PI	13+81.88	1,937,013.01	1,123,280.85
POINT	PI	14+53.52	1,937,013.61	1,123,352.48
POINT	PI	15+96.89	1,936,956.94	1,123,484.18
POINT	POT	17+23.83	1,936,970.99	1,123,610.34

ALIGNMENT COORDINATES NOISE WALL 2.2				
CURVE	POINT	STATION	NORTHING	EASTING
2.2-01	PC	2199+80.00	1,936,924.66	1,123,537.27
	PI	2204+80.96	1,936,944.79	1,124,037.83
	PT	2209+67.33	1,936,760.23	1,124,503.55
POINT	POT	2211+30.60	1,936,700.08	1,124,655.34

ALIGNMENT COORDINATES NOISE WALL 3				
CURVE	POINT	STATION	NORTHING	EASTING
POINT	POT	9+40.00	1,936,722.09	1,124,714.57
POINT	PI	9+90.50	1,936,692.92	1,124,755.80
POINT	PI	10+00.00	1,936,683.78	1,124,753.22
POINT	PI	12+39.84	1,936,618.69	1,124,984.06
POINT	PI	13+23.84	1,936,597.49	1,125,065.34
POINT	PI	14+33.18	1,936,573.20	1,125,171.94
POINT	PI	15+43.27	1,936,552.10	1,125,279.99
POINT	PI	16+63.23	1,936,529.34	1,125,397.77
POINT	PI	18+92.53	1,936,486.31	1,125,623.00
3-01	PC	19+99.04	1,936,466.35	1,125,727.63
	PI	20+50.45	1,936,456.97	1,125,778.17
	PCC	21+01.72	1,936,454.00	1,125,829.49
3-02	PCC	21+01.72	1,936,454.00	1,125,829.49
	PI	21+42.76	1,936,451.62	1,125,870.46
	PT	21+83.72	1,936,453.46	1,125,911.46

ALIGNMENT COORDINATES NOISE WALL 5.1				
CURVE	POINT	STATION	NORTHING	EASTING
POINT	POT	10+68.93	1,937,293.50	1,122,978.67
POINT	PI	11+21.84	1,937,284.92	1,123,030.88
POINT	PI	14+27.87	1,937,252.63	1,123,335.20
POINT	POT	14+97.81	1,937,240.28	1,123,404.04

ALIGNMENT COORDINATES NOISE WALL 5.2				
CURVE	POINT	STATION	NORTHING	EASTING
POINT	POT	5+00.00	1,937,240.28	1,123,404.04
5.2-01	PC	5+00.73	1,937,239.59	1,123,404.26
	PI	5+33.19	1,937,208.76	1,123,414.43
	PT	5+59.19	1,937,203.27	1,123,446.43
POINT	POT	10+09.19	1,937,127.25	1,123,889.96

ALIGNMENT COORDINATES NOISE WALL 5.3				
CURVE	POINT	STATION	NORTHING	EASTING
POINT	POT	10+08.13	1,937,211.54	1,123,612.44
POINT	PI	16+03.15	1,937,111.43	1,124,198.98
5.3-01	PC	16+54.67	1,937,102.79	1,124,249.78
	PI	17+17.45	1,937,092.22	1,124,311.66
	PT	17+80.01	1,936,072.81	1,124,371.36
POINT	POT	20+29.47	1,936,995.69	1,124,608.60

ALIGNMENT COORDINATES NOISE WALL 4				
CURVE	POINT	STATION	NORTHING	EASTING
TANGENT	POT	10+13.94	1,936,980.56	1,124,710.09
TANGENT	PI	10+32.11	1,936,975.15	1,124,727.44
TANGENT	PI	12+31.75	1,936,904.95	1,124,914.33
TANGENT	PI	17+63.88	1,936,737.87	1,125,419.54
TANGENT	PI	18+30.54	1,936,717.51	1,125,483.02
Curve 4-0-01	PC	18+52.00	1,936,710.95	1,125,503.45
	PI	20+20.94	1,936,662.28	1,125,665.23
	PT	21+87.16	1,936,665.39	1,125,834.14
TANGENT	PI	22+06.57	1,936,666.09	1,125,853.54
TANGENT	PI	22+47.20	1,936,667.57	1,125,894.14
TANGENT	PI	23+07.20	1,936,669.99	1,125,954.10
TANGENT	PI	23+67.21	1,936,672.46	1,126,014.05
TANGENT	PI	24+27.21	1,936,674.93	1,126,074.00
TANGENT	PI	24+87.21	1,936,677.41	1,126,133.95
TANGENT	PI	26+07.21	1,936,682.39	1,126,253.84
TANGENT	PI	26+67.21	1,936,684.87	1,126,313.79
TANGENT	PI	27+27.21	1,936,687.33	1,126,373.74
TANGENT	PI	27+87.21	1,936,689.84	1,126,433.69
TANGENT	PI	28+47.21	1,936,692.26	1,126,493.64
TANGENT	PI	29+67.21	1,936,697.26	1,126,613.54
TANGENT	PI	30+27.21	1,936,699.73	1,126,673.48
TANGENT	PI	30+87.21	1,936,702.22	1,126,733.43
TANGENT	PI	31+47.21	1,936,704.71	1,126,793.38
TANGENT	PI	32+07.20	1,936,707.14	1,126,853.33
TANGENT	PI	32+67.21	1,936,709.54	1,126,913.28
TANGENT	PI	33+27.21	1,936,712.07	1,126,973.23

ALIGNMENT COORDINATES NOISE WALL 6				
CURVE	POINT	STATION	NORTHING	EASTING
POINT	POT	600+00.00	1,937,507.08	1,121,151.01
POINT	PI	607+58.96	1,937,477.80	1,121,909.41
POINT	PI	611+62.55	1,937,412.67	1,122,307.71
POINT	POT	612+35.89	1,937,390.98	1,122,377.77



USER NAME = mksrby	DESIGNED JAB	REVISED -
	DRAWN JAB	REVISED -
PLOT SCALE = 2.00" / 1"	CHECKED MAM	REVISED -
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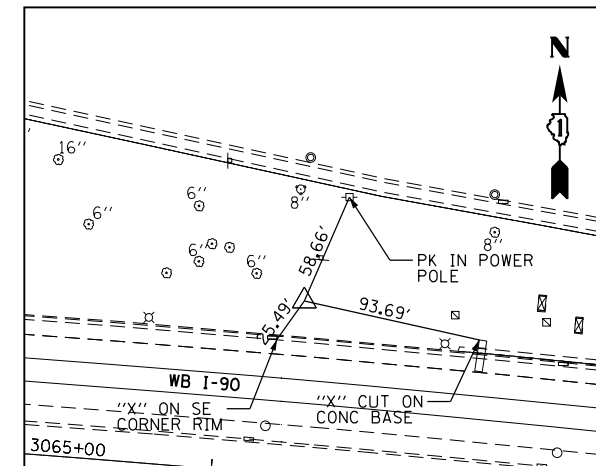
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 NOISE WALLS FROM CUMBERLAND AVE TO HARLEM AVE
ALIGNMENT & TIES

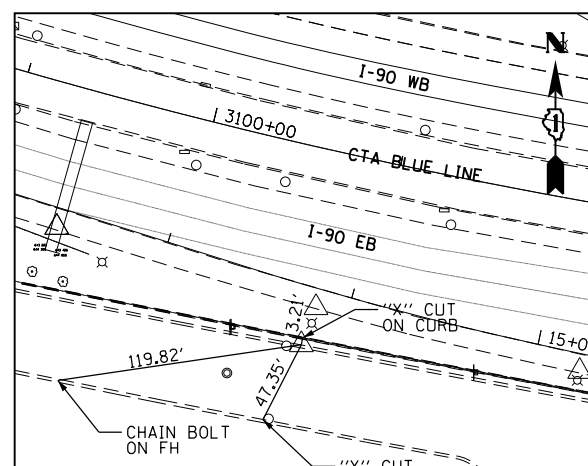
SCALE: 1" = 100' SHEET NO. 3 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) I-14	COOK	353	27
CONTRACT NO. 60Y40				
ILLINOIS FED. AID PROJECT				

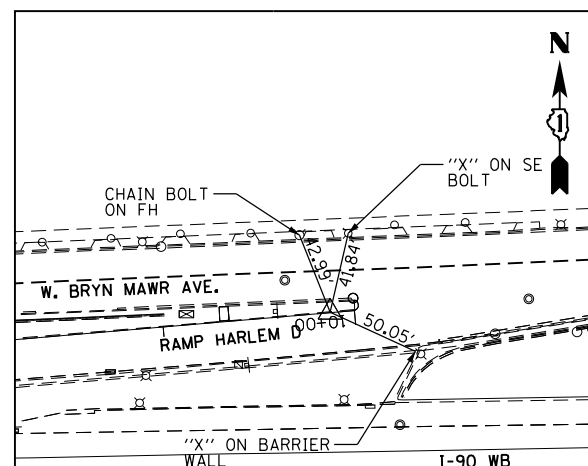
ALG-03



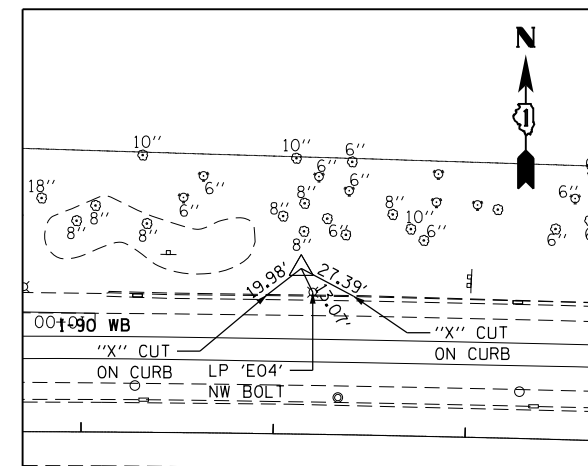
CP 303
SIR WITH CAP
STA. 3066+40.58, 91.24' LT
N 1,937,418.53
E 1,121,996.42
ELEV 647.91



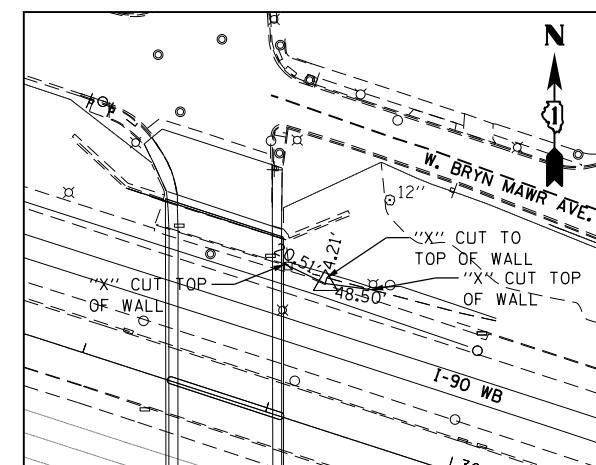
CP 304
"X" CUT ON CURB
STA. 3100+69.84, 102.31' RT
N 1,936,541.18
E 1,125,317.48
ELEV 655.69



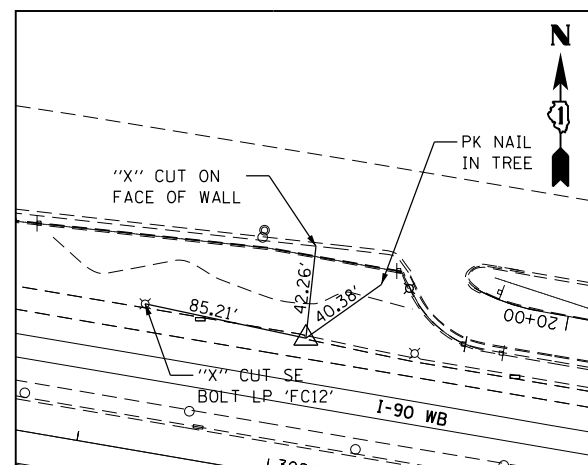
CP 305
"X" CUT ON CURB
STA. 3117+97.18, 123.60' LT
N 1,936,713.66
E 1,127,059.88
ELEV 652.19



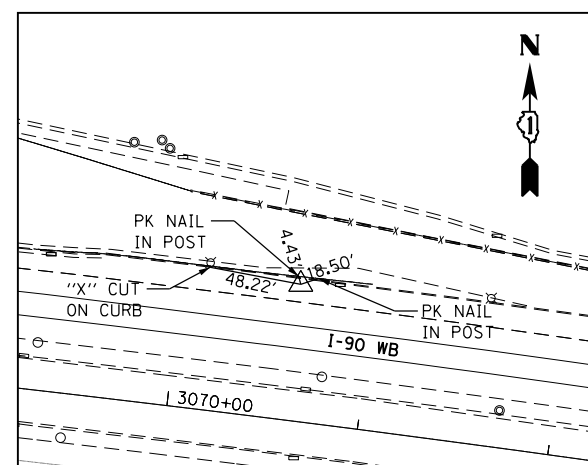
CP 314
SIR WITH CAP
STA. 3058+13.34, 86.27' LT
N 1,937,456.38
E 1,121,163.75
ELEV 645.00



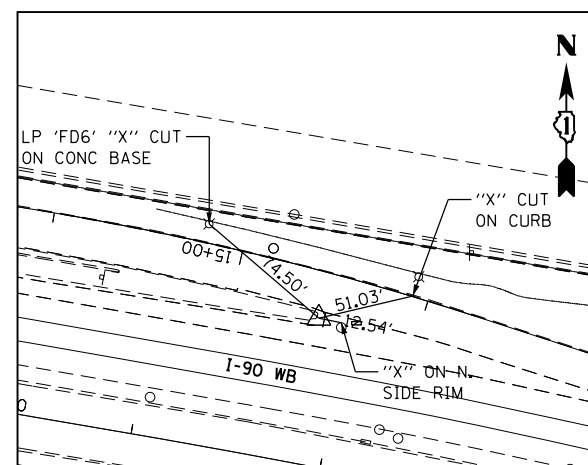
CP 318
"X" CUT CP 318
STA. 3094+09.07, 73.09' LT
N 1,936,902.00
E 1,124,730.15
ELEV 636.53



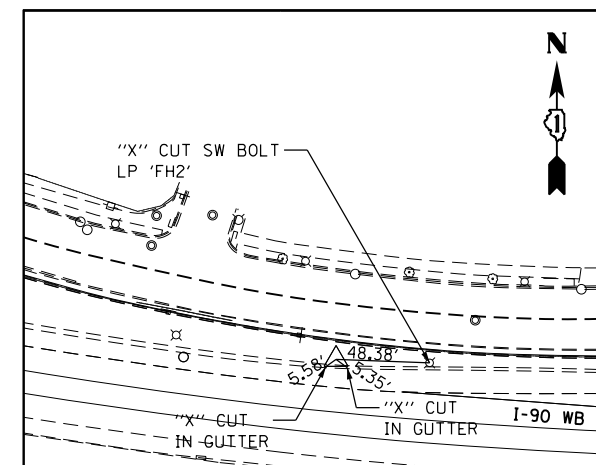
CP 319
"X" CUT IN GUTTER
STA. 3080+08.47, 72.55' LT
N 1,937,205.92
E 1,123,354.34
ELEV 636.94



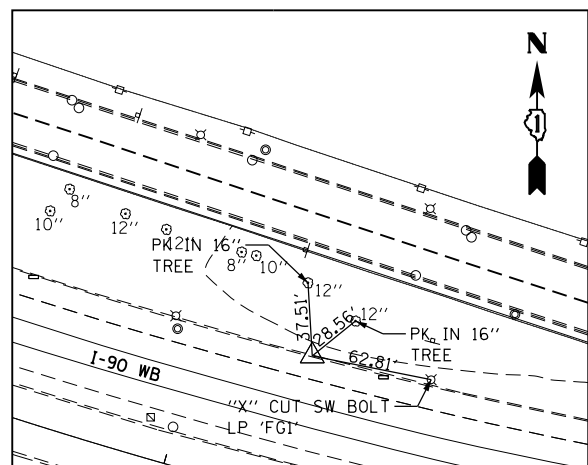
CP 320
MAG NAIL
STA. 3070+61.32, 71.15' LT
N 1,937,353.63
E 1,122,415.62
ELEV 638.58



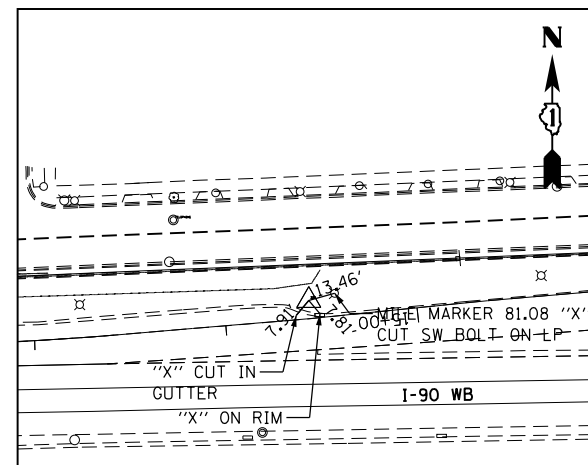
CP 321
"X" CUT
STA. 3086+84.85, 76.69' LT
N 1,937,094.68
E 1,124,022.94
ELEV 641.62



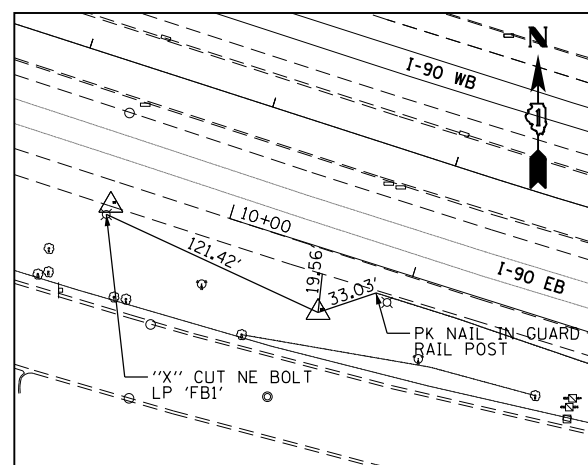
CP 322
SIR WITH CAP
STA. 3104+05.84, 77.44' LT
N 1,936,663.95
E 1,125,679.24
ELEV 643.29



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



CP 324
SIR
STA. 3112+54.72, 93.94' LT
N 1,936,675.02
E 1,126,517.97
ELEV 638.13



CP 327
SIR WITH CAP
STA. 3097+55.35, 94.55' RT
N 1,936,636.03
E 1,125,008.13
ELEV 646.08



USER NAME = mksrby
DRAWN
PLOT SCALE = 2.0000' / in.
PLOT DATE = 8/15/2017

DESIGNED JAB
DRAWN JAB
CHECKED MAM
DATE 8/21/2017

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 NOISE WALLS FROM CUMBERLAND AVE TO HARLEM AVE
ALIGNMENT & TIES

SCALE: 1" = 100' SHEET NO. 4 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) I-14	COOK	353	28
CONTRACT NO. 60Y40				
ILLINOIS FED. AID PROJECT				

ALG-04

BENCHMARK DATA

BM #7 (ELEV 642.47) - SQUARE CUT NORTHEASTERLY CORNER OF WINGWALL @ SW QUADRANT OF I-90 AND MANNHEIM ROAD

TBM #1 (ELEV 612.97) - SQUARE CUT ON SOUTH SIDE OF TRAFFIC CONTROL SIGNAL MAST ARM CONCRETE BASE ON SOUTH SIDE EB I-190 BETWEEN MANNHEIM RD BRIDGE AND CN RAILROAD BRIDGE

TBM #2 (ELEV 631.65) - SQUARE CUT ON NW CORNER OF CONCRETE TRUSS (C6) FOUNDATION ON SOUTH SIDE OF EB I-190 FOR EXITS 1C AND 1D

TBM #3 (ELEV 648.12) - DISK SET ON SW CORNER OF CONCRETE TRUSS (C8) FOUNDATION ON SOUTH SIDE OF EB I-190 FOR EXITS 1A-B AND 1C

TBM #4 (ELEV 663.39) - TOP OF NW BOLT ON TRUSS SIGN (C10) ON SOUTH SIDE EB I-190 FOR EXITS 1B AND 1C

TBM #5 (ELEV 650.25) - TOP OF NW BOLT ON TRUSS SIGN (C12) ON SOUTH SIDE EB I-190 FOR EXITS 1A AND 1B

TBM #6 (ELEV 649.90) - TOP OF NW BOLT ON TRUSS SIGN (D2) ON SOUTH SIDE EB I-190 FOR EXITS 79A-B AND 1A

TBM #7 (ELEV 642.06) - "X" CUT ON SW BOLT OF LIGHT POLE (DH4) ON NORTH SIDE EB I-190 ADJACENT TO ENTRANCE RAMP FROM NB RIVER RD

TBM #8 (ELEV 633.95) - SQUARE CUT ON SOUTH SIDE OF LIGHT POLE (DH7) ON NORTH SIDE OF EB I-190

TBM #9 (ELEV 633.36) - "X" CUT ON NNE BOLT OF HIGH MAST LIGHT POLE (D1GH3) ON SOUTH SIDE OF EB I-90

TBM #10 (ELEV 631.87) - "X" CUT ON NNW BOLT OF HIGH MAST LIGHT POLE (D1AB2) ON SOUTH SIDE EB I-90

TBM #11 (ELEV 634.20) - "X" CUT ON NNW BOLT OF HIGH MAST LIGHT POLE (D1AB4) ON SOUTH SIDE EB I-90

TBM #12 (ELEV 636.85) - SQUARE CUT ON NORTH SIDE CONCRETE BASE FOR LIGHT POLE (ED5) ON SOUTH SIDE OF EB I-90 JUST WEST OF THE CUMBERLAND AVE BRIDGE

TBM #13 (ELEV 643.17) - "X" CUT ON NW BOLT OF LIGHT POLE (EG5) ON SOUTH SIDE EB I-90

TBM #14 (ELEV 640.78) - SQUARE CUT ON THE NW CORNER OF CONCRETE BASE FOR OVERHEAD IDOT TRAFFIC INFO TRUSS SIGN ON SOUTH SIDE OF EB I-90 JUST WEST OF CANFIELD

TBM #15 (ELEV 638.80) - SQUARE CUT SW CORNER AT WEST END OF BARRIER WALL WEST OF ORIOLE BRIDGE ON SOUTH SIDE OF EB I-90

TBM #16 (ELEV 639.41) - SQUARE CUT ON TOP OF BARRIER WALL ON SOUTH SIDE EB I-90 BY LIGHT POLE (FE7)

TBM #17 (ELEV 637.45) - "X" CUT SW BOLT OF LIGHT POLE (FH8) ON NORTH SIDE OF WB I-90, 3RD POLE WEST OF CTA BRIDGE WEST OF HARLEM

TBM #18 (ELEV 639.02) - SQUARE CUT ON TOP OF BARRIER WALL BY LIGHT POLE (FD2) MILE MARKER 80.74 ON NORTH SIDE WB I-90 JUST EAST OF ORIOLE BRIDGE

TBM #19 (ELEV 638.00) - SQUARE CUT ON TOP OF BARRIER WALL BY LIGHT POLE (FC13) MILE MARKER 80.40 ON NORTH SIDE WB I-90 JUST EAST OF CANFIELD

TBM #20 (ELEV 647.37) - SQUARE CUT ON SOUTH SIDE OF SOUTH CONCRETE BASE OF THE NORTH CUMBERLAND 1/4 MILE EXIT SIGN ON NORTH SIDE OF WB I-90

TBM #21 (ELEV 643.66) - SQUARE CUT ON THE SE CORNER OF A CONCRETE BARRIER BASE FOR TRUSS SIGN ON NORTH SIDE OF WB I-90 EXITS 78, 79A, 79B

TBM #22 (ELEV 637.48) - SQUARE CUT ON TOP OF BARRIER WALL BY LIGHT POLE (EN1) MILE MARKER 79.72 ON NORTH SIDE OF WB I-90 JUST EAST OF CUMBERLAND BRIDGE

TBM #23 (ELEV 634.35) - SQUARE CUT ON THE SW CORNER OF A CONCRETE BASE FOR TRUSS SIGN ON NORTH SIDE OF WB I-90 EXIT 78

TBM #24 (ELEV 638.62) - SQUARE CUT ON THE NE CORNER OF END OF BARRIER WALL ON NORTH SIDE OF WB I-90 EAST OF E RIVER RD BRIDGE

TBM #25 (ELEV 630.43) - "X" CUT ON SOUTH BOLT OF HIGH MAST LIGHT POLE (D1EF3) ON NORTH SIDE OF WB I-90

TBM #26 (ELEV 633.48) - SQUARE CUT ON TOP OF BARRIER WALL BETWEEN LIGHT POLE "GC11" MILE MARKER 81.25 ON NORTH SIDE WB I-90, 1ST POLE EAST OF HARLEM AVE.

TBM #27 (ELEV 649.88) - CHAIN BOLT ON HYDRANT ON NW CORNER NOTTINGHAM AND BRYN MAWR

TBM #28 (ELEV 647.47) - CHAIN BOLT ON HYDRANT ON NW CORNER OF NORDICA AND BRYN MAWR

TBM #29 (ELEV 630.42) - SW BOLT OF LIGHT POLE "GH3" ON NORTH SIDE OF WB I-90 AT SAYRE AVE EXIT (81B)

TBM #30 (ELEV 644.73) - CHAIN BOLT ON HYDRANT ON NORTHEAST CORNER OF NEWCASTLE AND BRYN MAWR

TBM #31 (ELEV 628.54) - CHAIN BOLT ON HYDRANT ON NORTHWEST CORNER OF NEWARK AND BRYN MAWR

TBM #32 (ELEV 623.26) - CHAIN BOLT ON HYDRANT ON NORTHWEST CORNER OF NATOMA AND BRYN MAWR

TBM #33 (ELEV 624.43) - CHAIN BOLT ON HYDRANT ON NORTHWEST CORNER OF NAGLE AND BRYN MAWR

TBM #34 (ELEV 623.84) - CHAIN BOLT ON HYDRANT ON NORTHWEST CORNER OF MULLIGAN AND BRYN MAWR GRASS PARKWAY

TBM #35 (ELEV 623.74) - CHAIN BOLT ON HYDRANT ON NORTHWEST CORNER AVONDALE AND BRYN MAWR

TBM #36 (ELEV 622.63) - "X" CUT ON SOUTHWEST BOLT OF SIGN TRUSS ON THE NORTH SIDE OF WB I-90 FOR EXIT

TBM #37 (ELEV 601.71) - SQUARE BUT ON TOP OF BARRIER WALL BY LIGHT POLE "HH4" ON NORTH SIDE OF WB I-90 / 1ST LIGHT POLE EAST OF AUSTIN AVE PEDESTRIAN BRIDGE

TBM #38 (ELEV 607.36) - "X" CUT ON SOUTHWEST BOLT OF LIGHT POLE "HH8" ON NORTH SIDE OF WB I-90

TBM #39 (ELEV 600.76) - "X" CUT ON SOUTHWEST BOLT OF LIGHT POLE "HG14" ON NORTH SIDE WB I-90 / 3RD LIGHT POLE WEST OF FOSTER AVE

TBM #40 (ELEV 621.71) - "X" CUT ON SOUTHWEST BOLT OF LIGHT POLE "H06" ON NORTH SIDE OF WB I-90

TBM #41 (ELEV 606.38) - SQUARE CUT ON TOP OF BARRIER WALL BY LIGHT POLE ON NORTH SIDE OF WB I-90 / 1ST LIGHT POLE EAST OF NAGLE AVE BRIDGE

TBM #42 (ELEV 603.22) - SQUARE CUT ON TOP OF BARRIER WALL BY LIGHT POLE "GH11" ON NORTH SIDE OF WB I-90 / 1ST LIGHT POLE EAST OF NATOMA AVE BRIDGE

TBM #43 (ELEV 624.09) - "X" CUT ON SE BOLT OF SIGN TRUSS ON THE NORTH SIDE OF WB I-90 FOR EXIT 81B

TBM #44 (ELEV 628.17) - SQUARE CUT ON TOP OF BARRIER WALL BY LIGHT POLE "GD1" ON NORTH SIDE OF WB I-90 / 1ST LIGHT POLE EAST OF SAYRE AVE BRIDGE

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

ALG-05



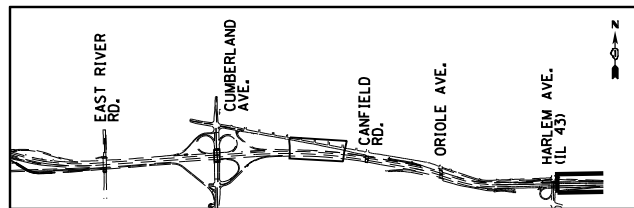
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	DRAWN JAB	REVISED -
PLOT SCALE = 2.0000' / 1" =	CHECKED MAM	REVISED -
PLOT DATE = 8/15/2017	DATE 8/21/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 NOISE WALLS FROM CUMBERLAND AVE TO HARLEM AVE
ALIGNMENT & TIES

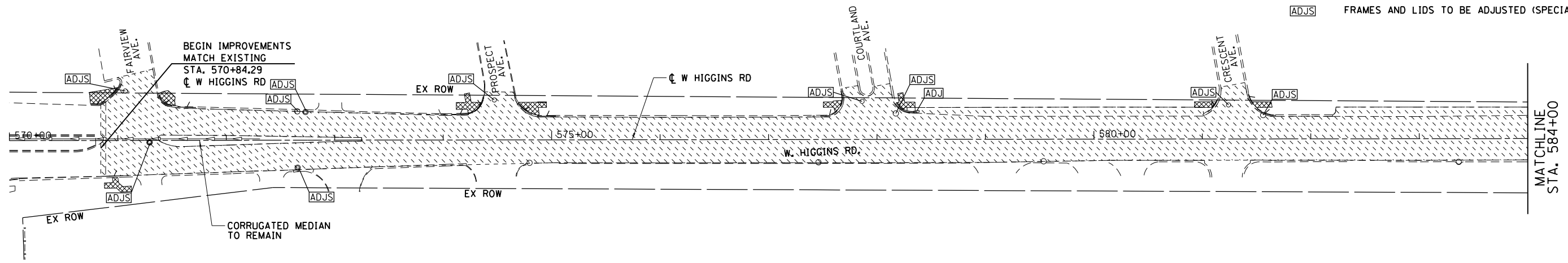
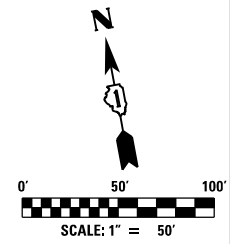
SCALE: 1" = 100' SHEET NO. 5 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) I-14	COOK	353	29
			CONTRACT NO. 60Y40	
ILLINOIS FED. AID PROJECT				



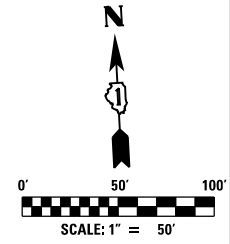
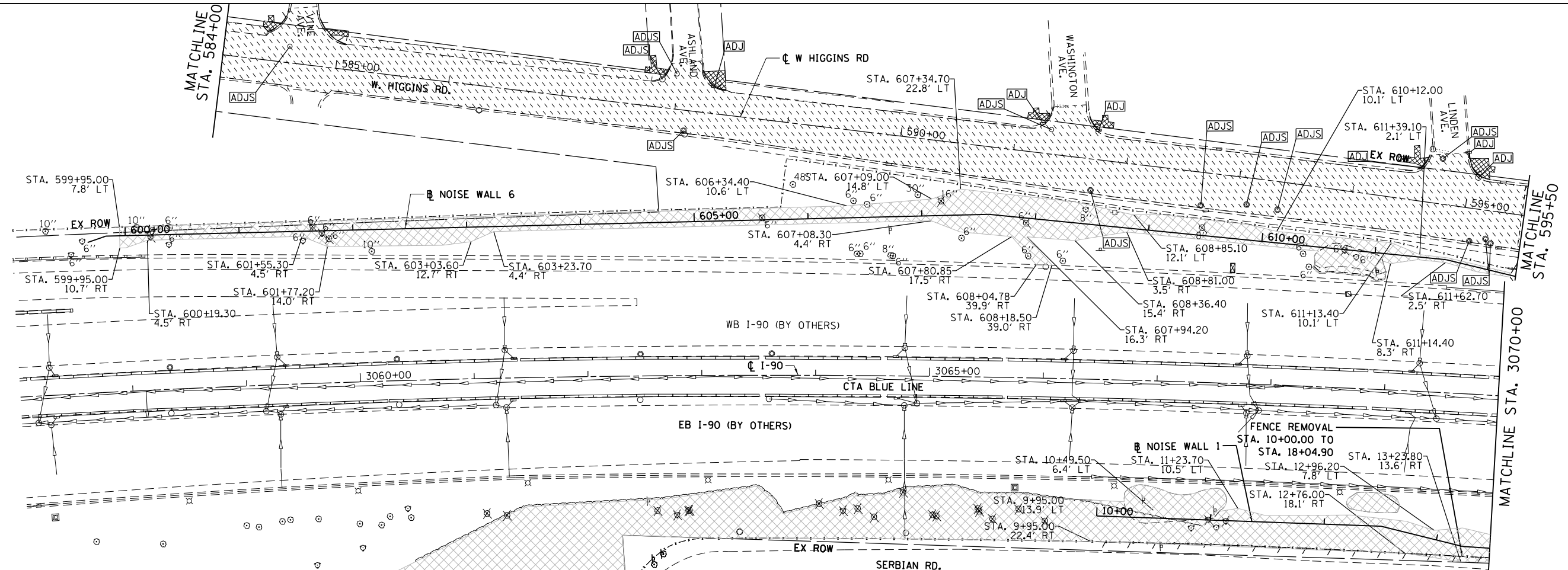
REMOVAL LEGEND

- ✕ ITEM REMOVAL
- — — LINEAR ITEM REMOVAL
- [Hatched Box] HMA SURFACE REMOVAL, 2 1/4"
- [Dotted Box] HMA SURFACE REMOVAL, 2 1/2"
- [Cross-hatched Box] SIDEWALK REMOVAL
- [Diagonal Lines Box] PAVEMENT REMOVAL
- [Grid Box] SELECTIVE CLEARING
- [ADJ] STRUCTURE TO BE ADJUSTED
- [C] STRUCTURE TO BE CLEANED
- [ADJS] FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)



NOTES:

1. SEE DRAINAGE PLANS FOR ADDITIONAL REMOVALS NOT SHOWN ON THIS PLAN.
2. ALL SELECTIVE CLEARING STATIONS AND OFFSETS CORRESPOND TO ADJACENT NOISE WALL.
3. SEE ALIGNMENT AND TIES SHEET FOR LAYOUT INFORMATION.



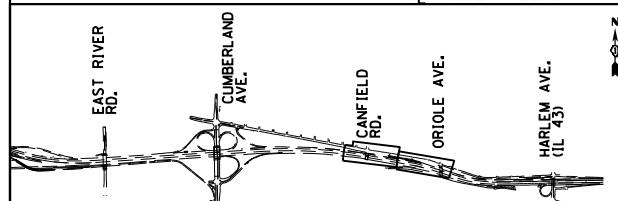
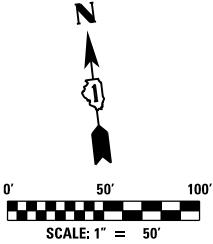
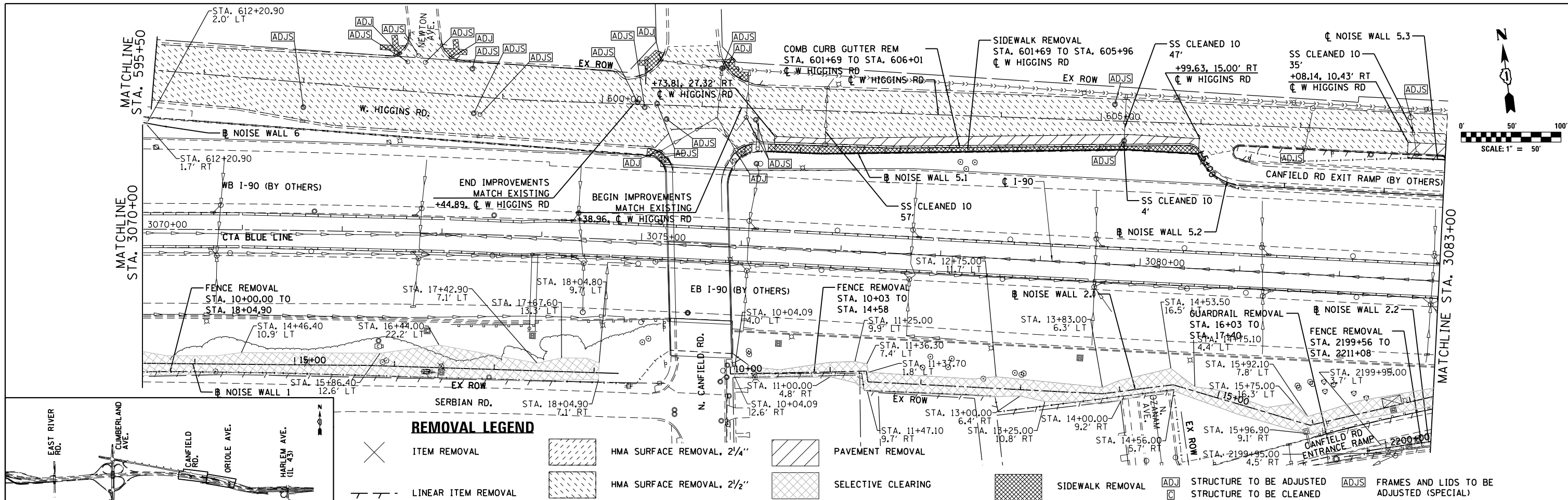
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	DRAWN = JAB	REVISED = -
PLOT SCALE = 24.00' / Ft.	CHECKED = MAM	REVISED = -
PLOT DATE = 3/6/2018	DATE = 8/21/2017	REVISED = -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
REMOVAL PLAN**

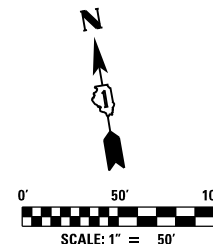
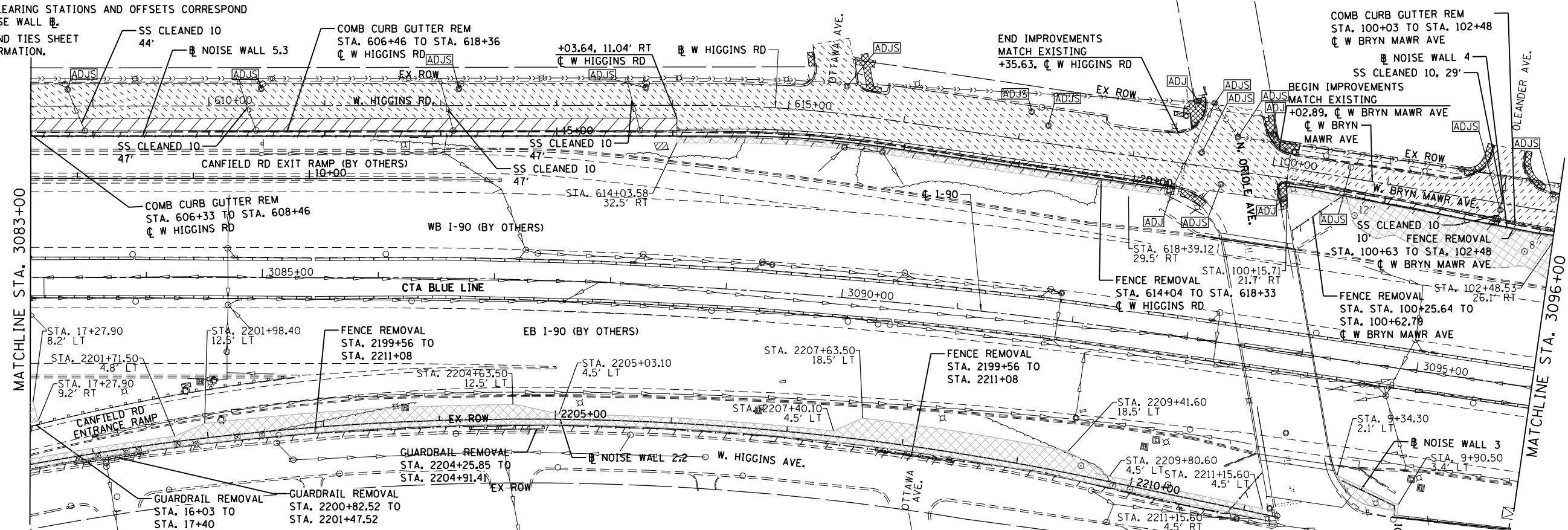
SCALE: 1"=50' SHEET NO. 1 OF 3 SHEETS STA. 570+88.79 TO STA. 595+50.00

F.A.I. RTE. = 90	SECTION = (1517 & 1415) I-14	COUNTY = COOK	TOTAL SHEETS = 353	SHEET NO. = 30
CONTRACT NO. 60Y40			ILLINOIS FED. AID PROJECT	



REMOVAL LEGEND			
	ITEM REMOVAL		HMA SURFACE REMOVAL, 2 1/4"
	PAVEMENT REMOVAL		SELECTIVE CLEARING
	HMA SURFACE REMOVAL, 2 1/2"		SIDEWALK REMOVAL
	LINEAR ITEM REMOVAL		STRUCTURE TO BE ADJUSTED
			STRUCTURE TO BE CLEANED
			FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)

- NOTES:**
1. SEE DRAINAGE PLANS FOR ADDITIONAL REMOVALS NOT SHOWN ON THIS PLAN.
 2. ALL SELECTIVE CLEARING STATIONS AND OFFSETS CORRESPOND TO ADJACENT NOISE WALL #.
 3. SEE ALIGNMENT AND TIES SHEET FOR LAYOUT INFORMATION.



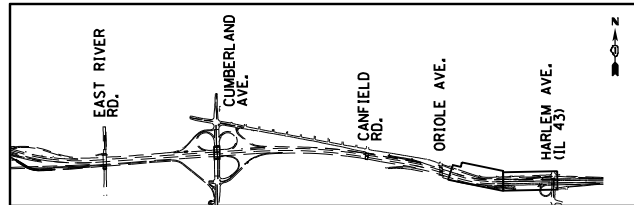
USER NAME = mksrby	DESIGNED = MJK	REVISED =
	DRAWN = JAB	REVISED =
PLOT SCALE = 2.00" / 1"	CHECKED = MAM	REVISED =
PLOT DATE = 8/16/2017	DATE = 8/21/2017	REVISED =

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
REMOVAL PLAN**

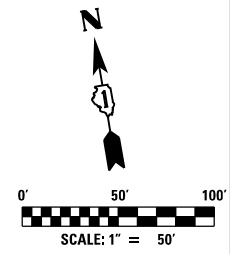
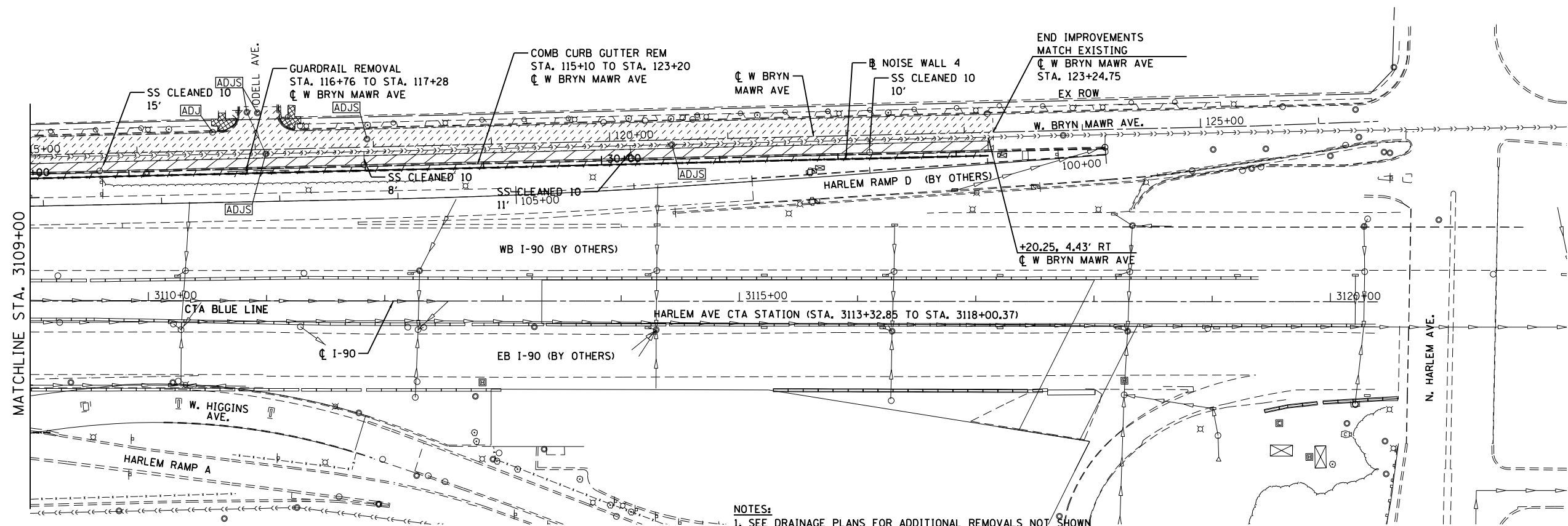
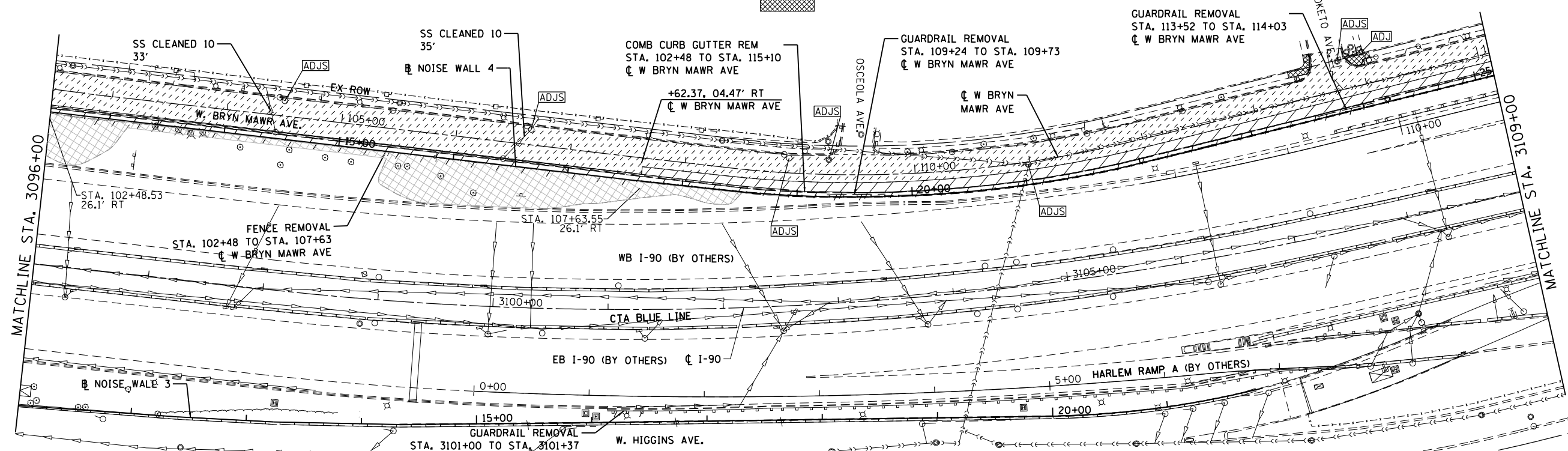
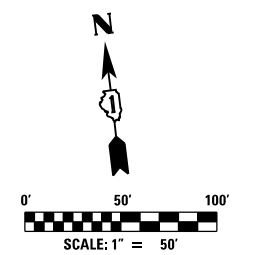
SCALE: 1"=50' SHEET NO. 2 OF 3 SHEETS STA. TO STA.

F.A.I. RTE. = 90	SECTION = (1517 & 1415) I-14	COUNTY = COOK	TOTAL SHEETS = 353	SHEET NO. = 31
CONTRACT NO. 60Y40			ILLINOIS FED. AID PROJECT	



REMOVAL LEGEND

- ITEM REMOVAL
- LINEAR ITEM REMOVAL
- HMA SURFACE REMOVAL, 2 1/4"
- HMA SURFACE REMOVAL, 2 1/2"
- SIDEWALK REMOVAL
- PAVEMENT REMOVAL
- SELECTIVE CLEARING
- STRUCTURE TO BE ADJUSTED
- STRUCTURE TO BE CLEANED
- FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)



- NOTES:**
1. SEE DRAINAGE PLANS FOR ADDITIONAL REMOVALS NOT SHOWN ON THIS PLAN.
 2. SEE ALIGNMENT AND TIES SHEET FOR LAYOUT INFORMATION.



USER NAME = mksrby	DESIGNED MJK	REVISED -	
	DRAWN JAB	REVISED -	
PLOT SCALE = 2.00" / 1"	CHECKED MAM	REVISED -	
PLOT DATE = 8/15/2017	DATE 8/21/2017	REVISED -	

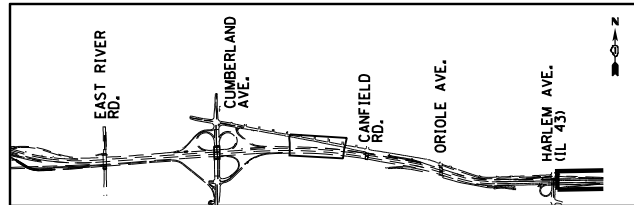
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
REMOVAL PLAN**

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

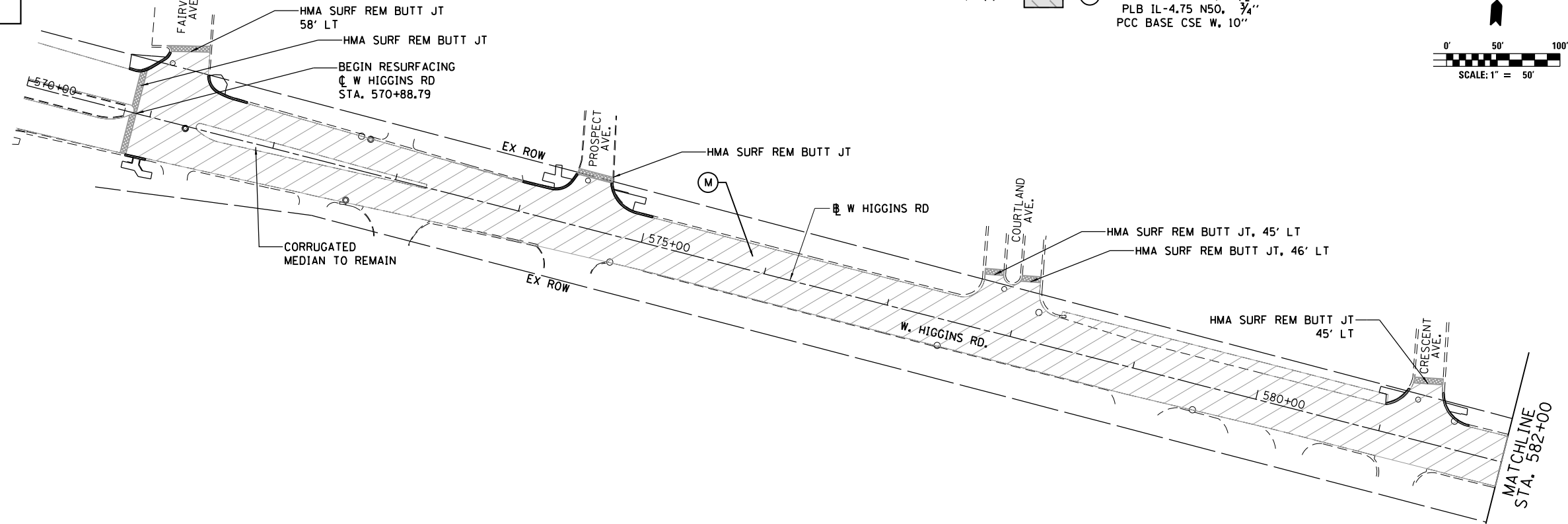
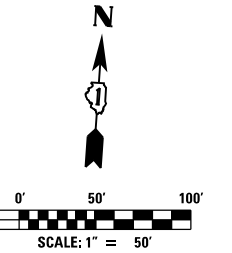
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) I-14	COOK	353	32
CONTRACT NO. 60Y40				
ILLINOIS FED. AID PROJECT				

REM-03

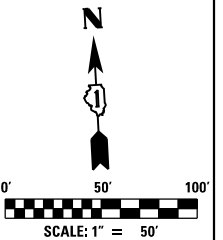
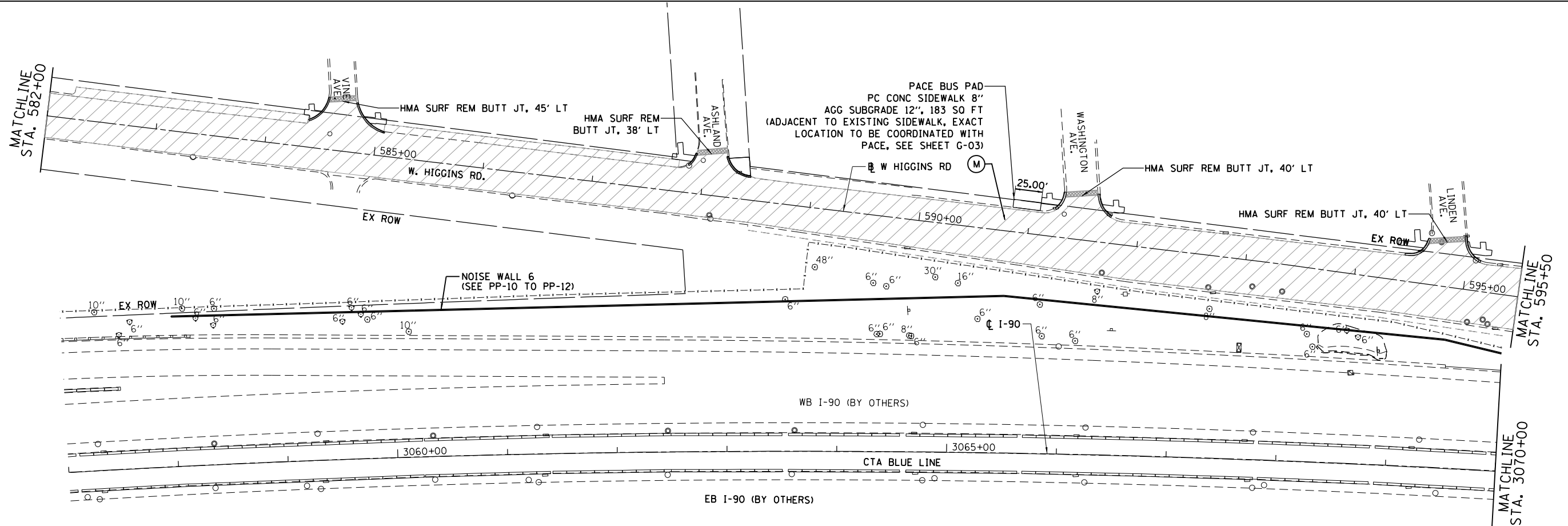


LEGEND:

- P HMA SC "E" N70, 1 3/4" PLB, IL-4.75 N50, 3/4"
- HMA SC "D" N70, 1 1/2" PLB IL-4.75 N50, 3/4"
- P HMA SC "E" N70, 1 3/4" PLB, IL-4.75 N50, 3/4" PCC BASE CSE W, 10"
- HMA SC "D" N70, 1 1/2" PLB IL-4.75 N50, 3/4" PCC BASE CSE W, 10"



- NOTES:**
1. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
 2. SEE ALIGNMENT AND THE SHEET FOR CURVE LAYOUT INFORMATION.
 3. SEE ADA DETAILS FOR ADA RAMP DESIGNS.



USER NAME = mksrby	DESIGNED MJK	REVISED -
	DRAWN JAB	REVISED -
PLOT SCALE = 2.00" / 1"	CHECKED MAM	REVISED -
PLOT DATE = 8/15/2017	DATE 8/21/2017	REVISED -

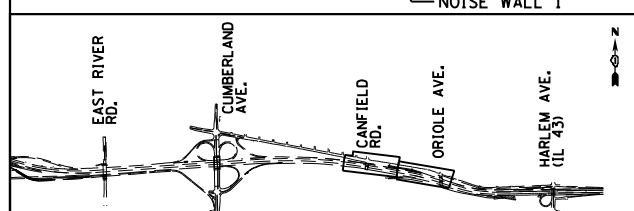
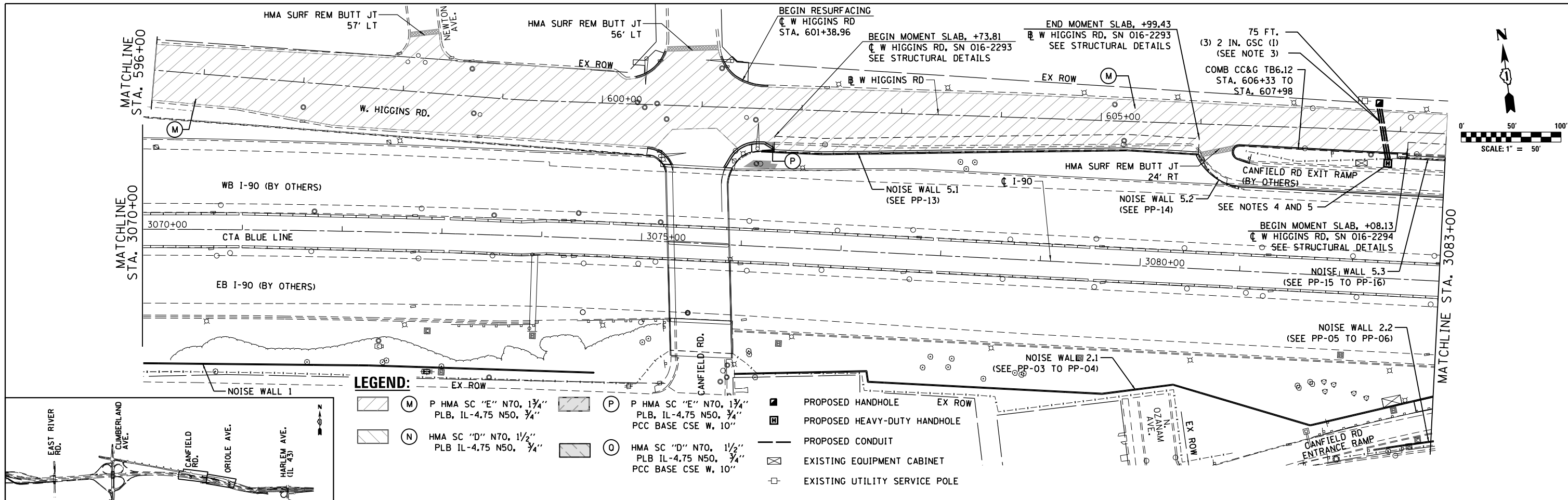
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
RESURFACING PLAN**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) I-14	COOK	353	33
CONTRACT NO. 60Y40				
ILLINOIS FED. AID PROJECT				

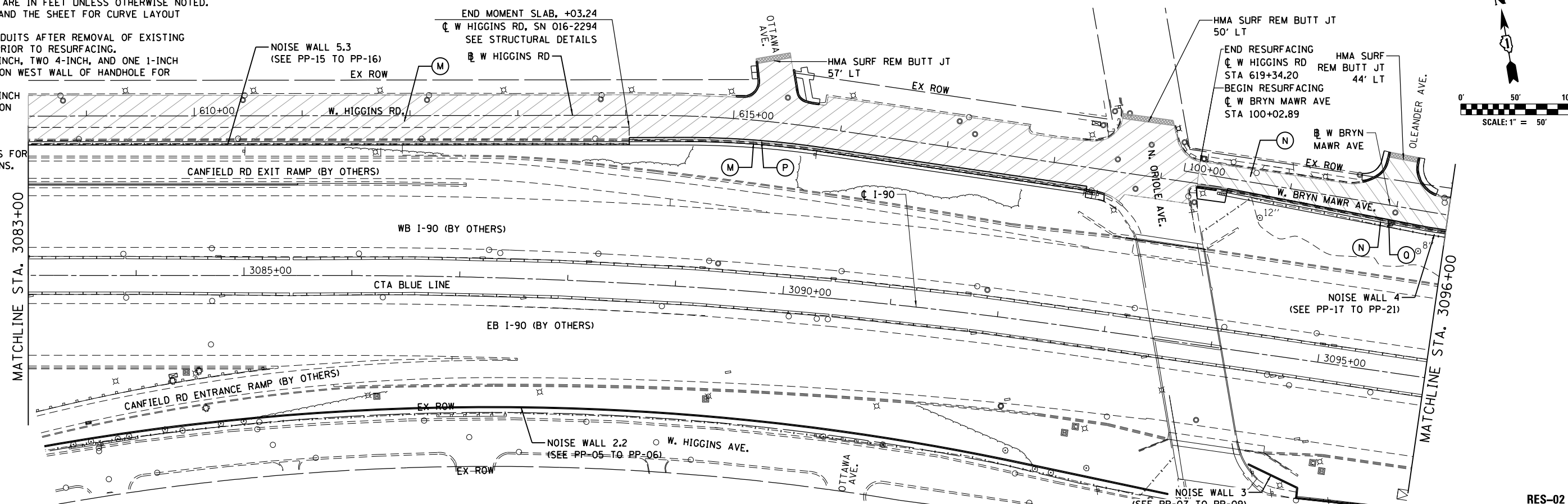
RES-01



- LEGEND:**
- (M) P HMA SC "E" N70, 1 3/4" PLB, IL-4.75 N50, 3/4"
 - (N) HMA SC "D" N70, 1 1/2" PLB IL-4.75 N50, 3/4"
 - (P) P HMA SC "E" N70, 1 3/4" PLB, IL-4.75 N50, 3/4" PCC BASE CSE W, 10"
 - (O) HMA SC "D" N70, 1 1/2" PLB IL-4.75 N50, 3/4" PCC BASE CSE W, 10"
 - PROPOSED HANDHOLE
 - ▣ PROPOSED HEAVY-DUTY HANDHOLE
 - PROPOSED CONDUIT
 - ⊠ EXISTING EQUIPMENT CABINET
 - EXISTING UTILITY SERVICE POLE

NOTES:

1. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
2. SEE ALIGNMENT AND THE SHEET FOR CURVE LAYOUT INFORMATION.
3. TRENCH NEW CONDUITS AFTER REMOVAL OF EXISTING PAVEMENT AND PRIOR TO RESURFACING.
4. INSTALL TWO 2-INCH, TWO 4-INCH, AND ONE 1-INCH CONDUIT STUBS ON WEST WALL OF HANDHOLE FOR FUTURE USE.
5. INSTALL TWO 2-INCH CONDUIT STUBS ON SOUTH WALL OF HANDHOLE FOR FUTURE USE.
6. SEE ADA DETAILS FOR ADA RAMP DESIGNS.



USER NAME = mksrby	DESIGNED MJK	REVISED -
	DRAWN JAB	REVISED -
PLOT SCALE = 2.00" / 1"	CHECKED MAM	REVISED -
PLOT DATE = 8/15/2017	DATE 8/21/2017	REVISED -

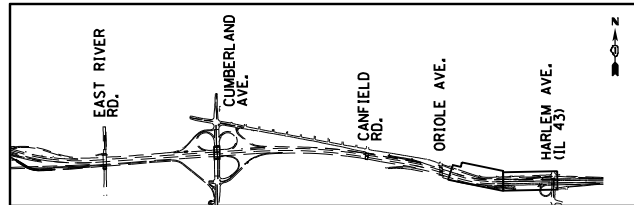
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
RESURFACING PLAN**

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

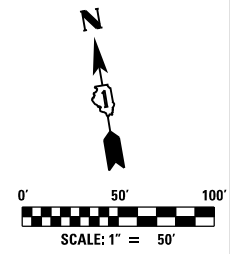
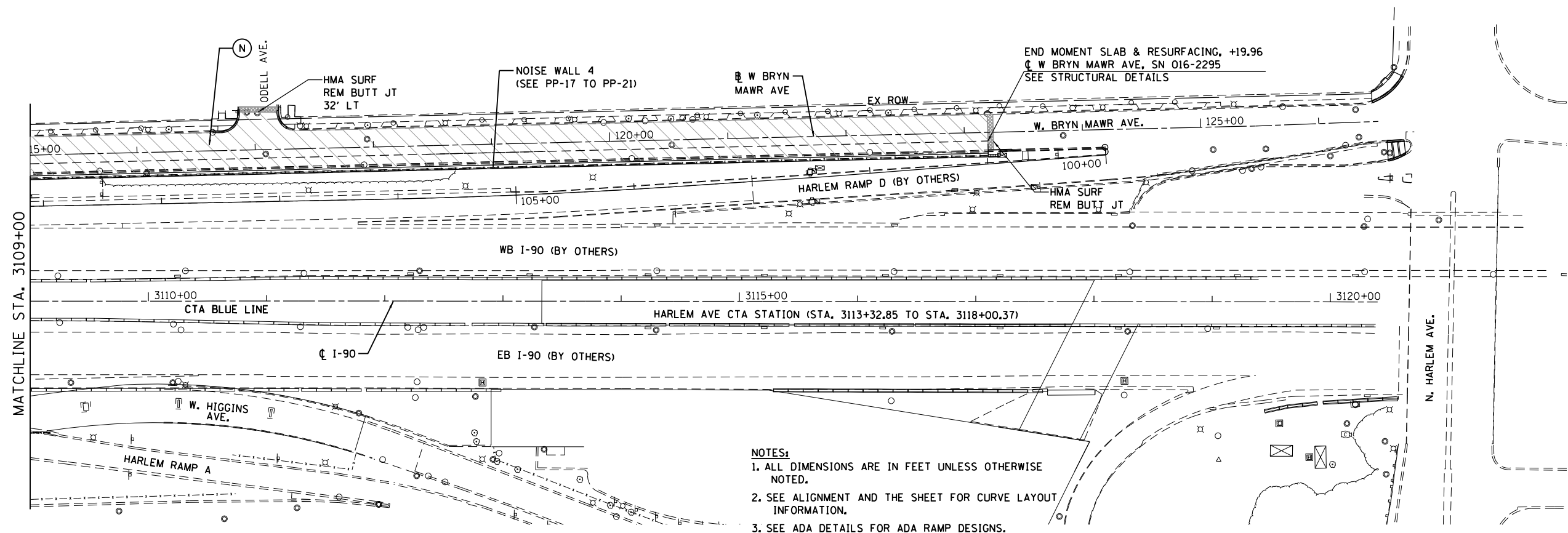
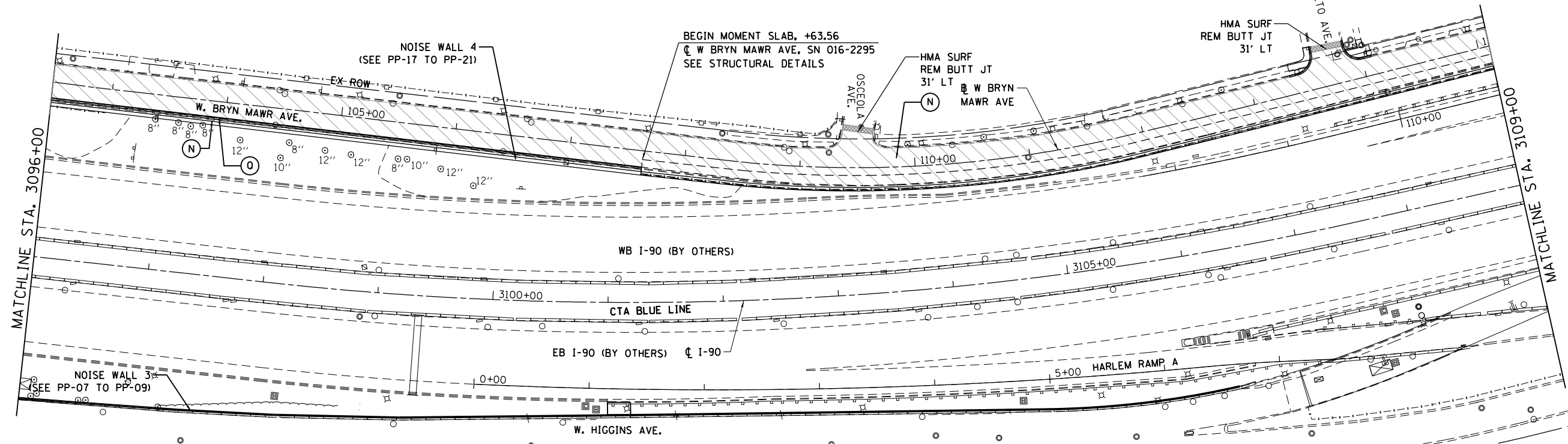
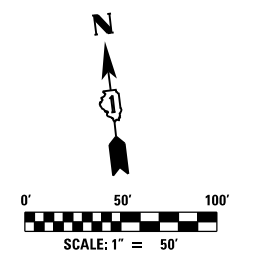
F.A.I. RTE. 90	SECTION (1517 & 1415) I-14	COUNTY COOK	TOTAL SHEETS 353	SHEET NO. 34
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y40	

RES-02



LEGEND:

- (M) P HMA SC "E" N70, 1 3/4" PLB, IL-4.75 N50, 3/4"
- (N) HMA SC "D" N70, 1 1/2" PLB IL-4.75 N50, 3/4"
- (P) P HMA SC "E" N70, 1 3/4" PLB, IL-4.75 N50, 3/4" PCC BASE CSE W, 10"
- (O) HMA SC "D" N70, 1 1/2" PLB IL-4.75 N50, 3/4" PCC BASE CSE W, 10"



- NOTES:**
1. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
 2. SEE ALIGNMENT AND THE SHEET FOR CURVE LAYOUT INFORMATION.
 3. SEE ADA DETAILS FOR ADA RAMP DESIGNS.



USER NAME = mksrby	DESIGNED MJK	REVISED -
PLOT SCALE = 2.00" / 100'	DRAWN JAB	REVISED -
PLOT DATE = 8/16/2017	CHECKED MAM	REVISED -
	DATE 8/21/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
RESURFACING PLAN**

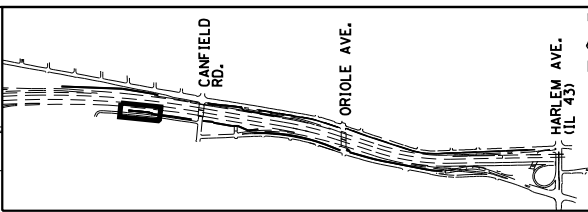
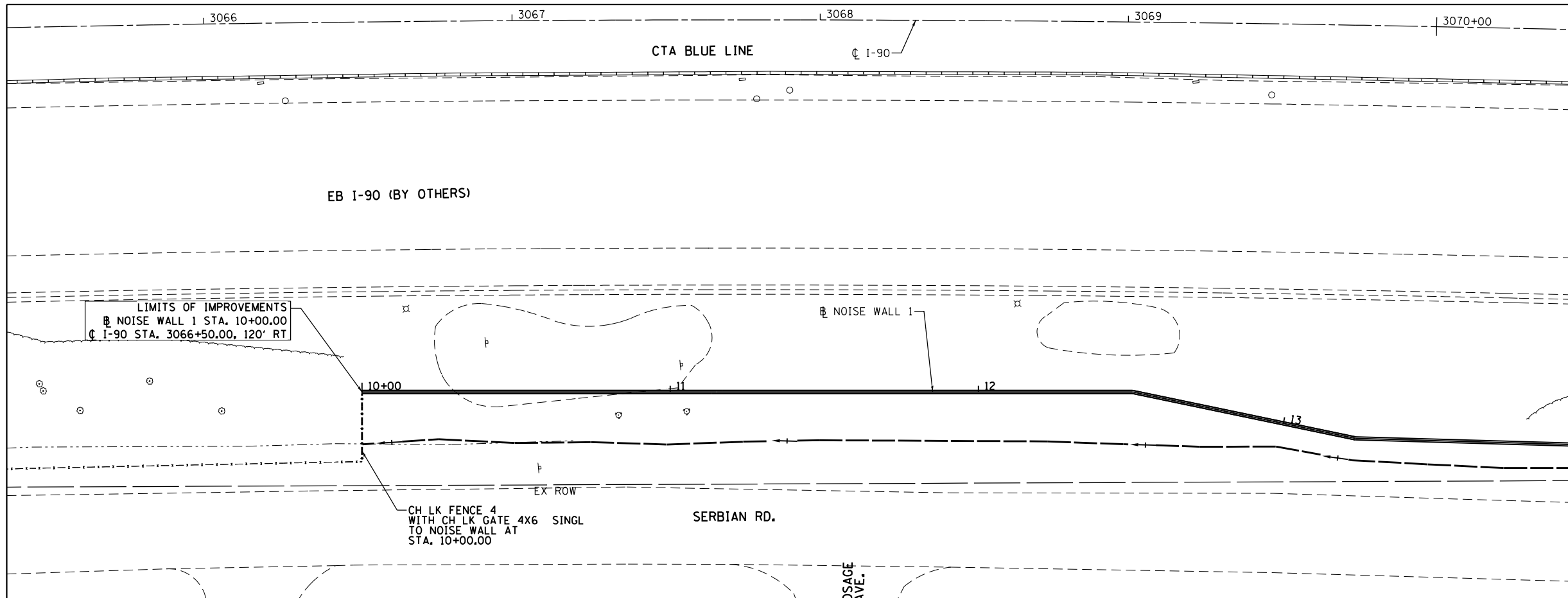
SCALE: 1"=50' SHEET NO. 3 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) I-14	COOK	353	35
CONTRACT NO. 60Y40				
ILLINOIS FED. AID PROJECT				

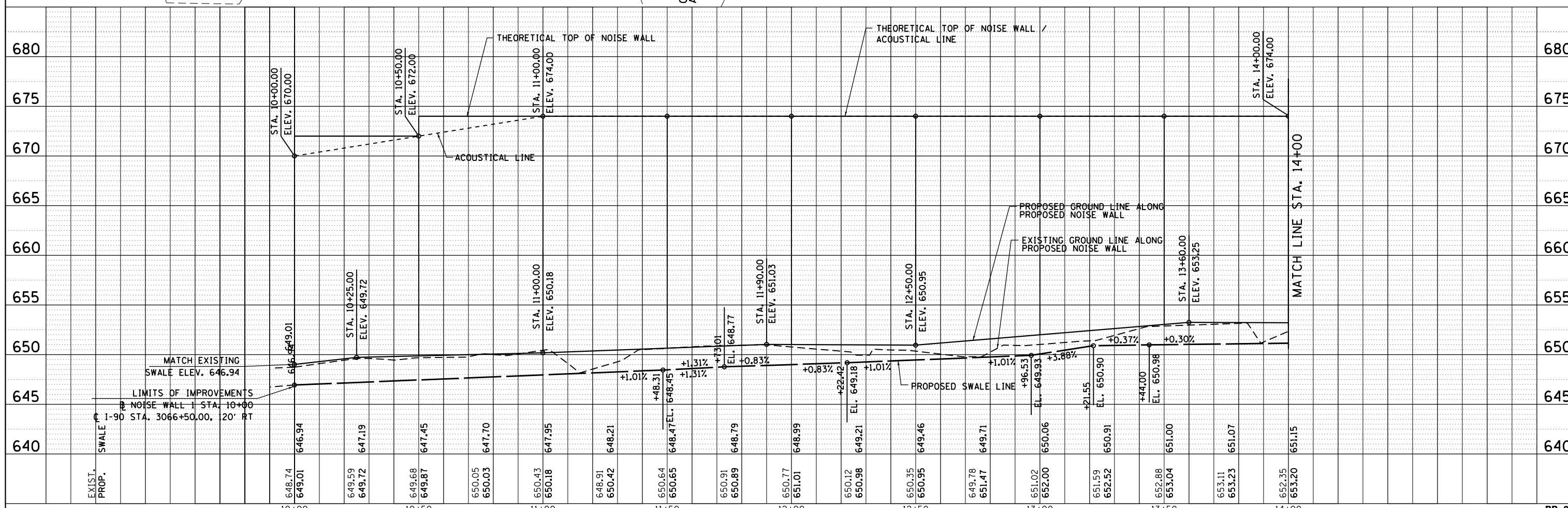
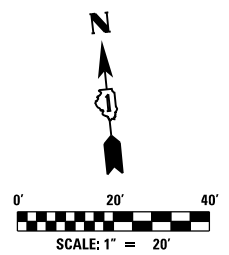
RES-03

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		



- NOTES:**
1. ALL STATION AND OFFSET MEASUREMENTS OFF NOISE WALL 1 UNLESS OTHERWISE NOTED.
 2. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
 3. SEE ALIGNMENT AND TIES SHEET FOR LAYOUT INFORMATION.
 4. SEE CROSS SECTIONS FOR SWALE LAYOUT.



USER NAME = mksrby	DESIGNED MJK	REVISED -
	DRAWN JAB	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED MAM	REVISED -
PLOT DATE = 8/15/2017	DATE 8/21/2017	REVISED -

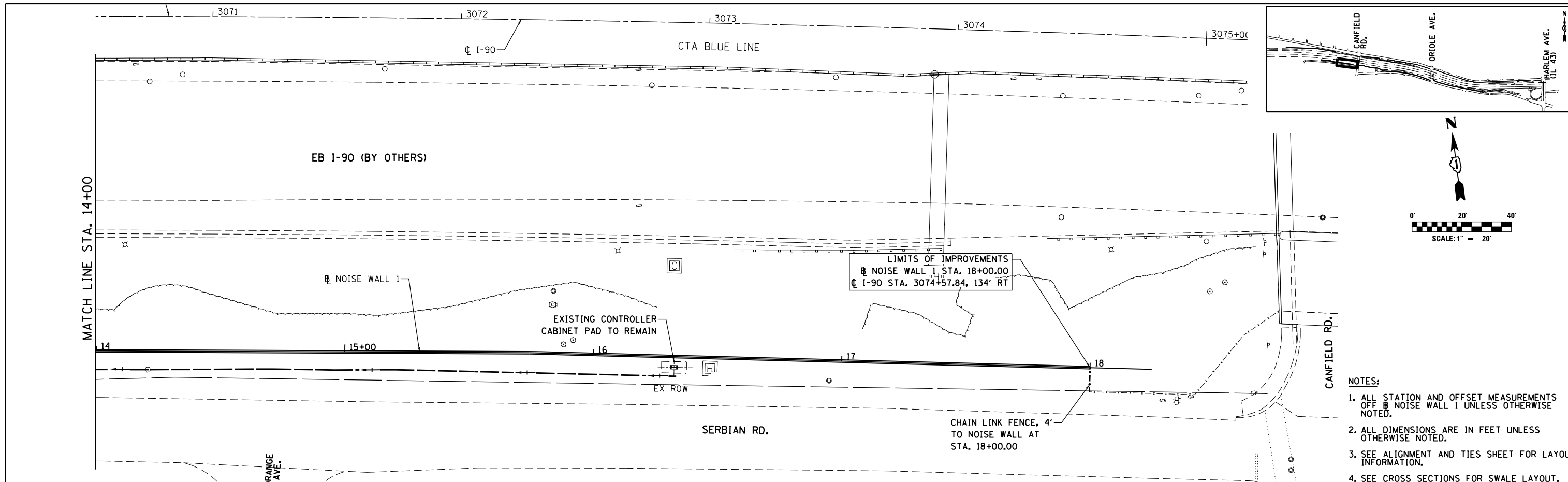
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
PLAN & PROFILE
NOISE WALL 1
SCALE: 1" = 20' SHEET NO. 1 OF 21 SHEETS STA. 10+00 TO STA. 14+00

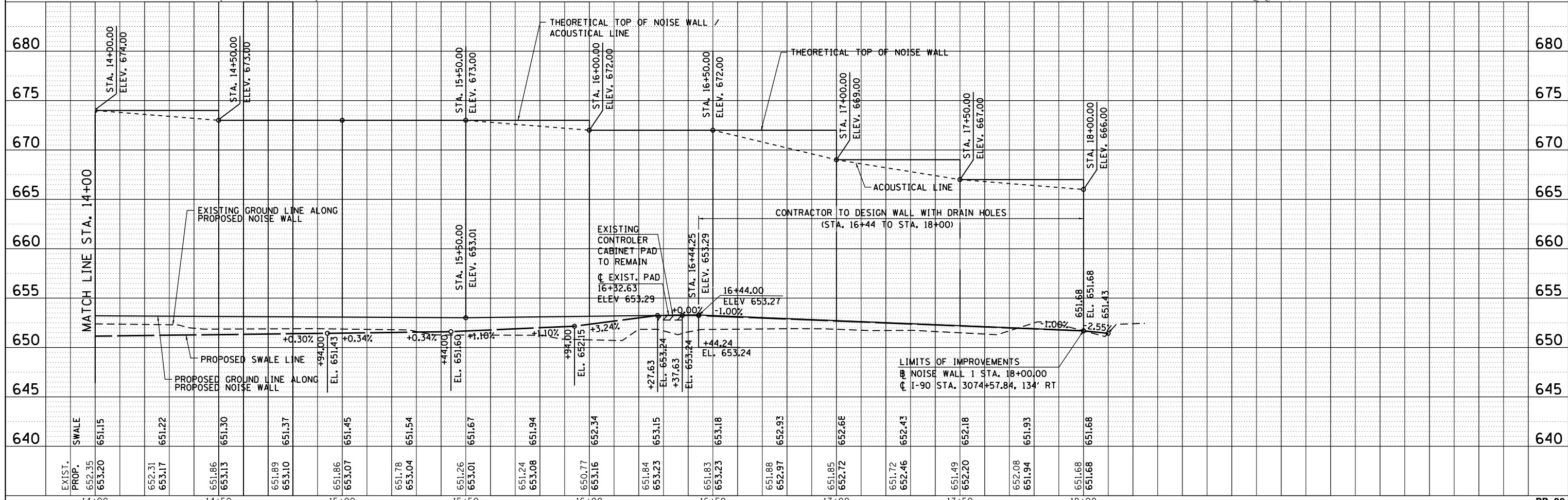
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) I-14	COOK	353	36
CONTRACT NO. 60Y40				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	AT 1/10000		
	FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	AT 1/10000		
	FILE NAME		
	NO.		



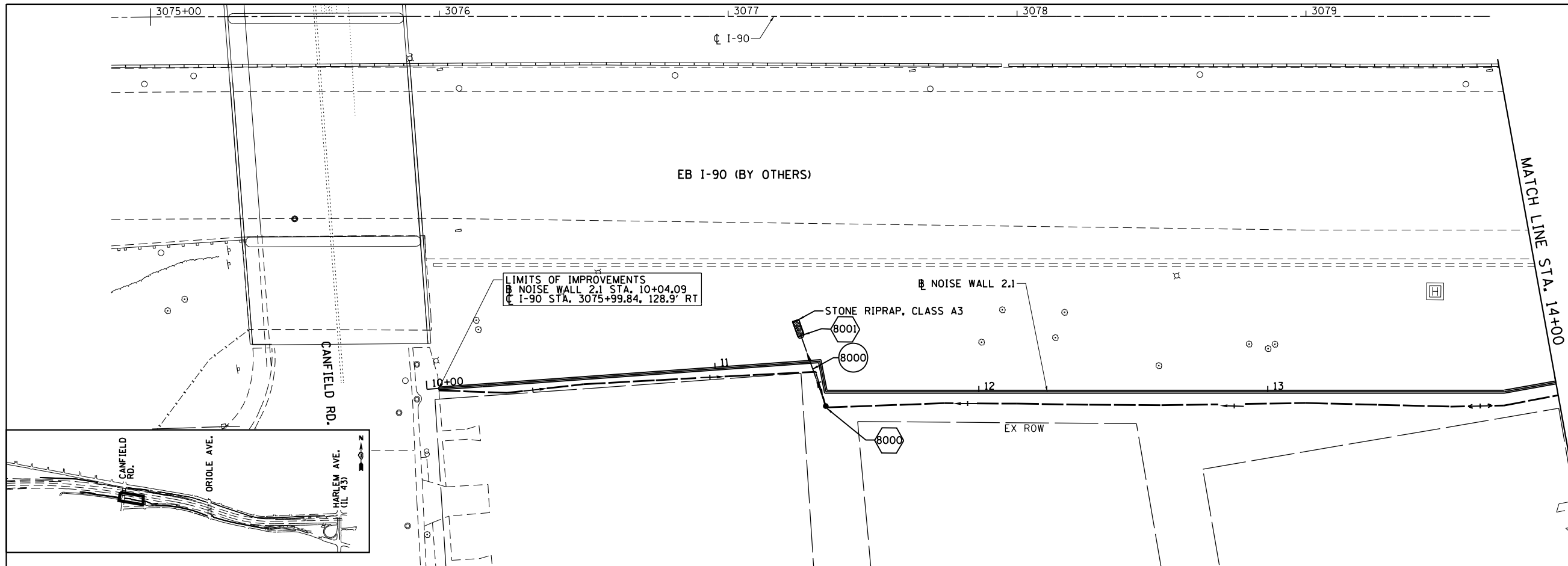
- NOTES:
1. ALL STATION AND OFFSET MEASUREMENTS OFF NOISE WALL 1 UNLESS OTHERWISE NOTED.
 2. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
 3. SEE ALIGNMENT AND TIES SHEET FOR LAYOUT INFORMATION.
 4. SEE CROSS SECTIONS FOR SWALE LAYOUT.



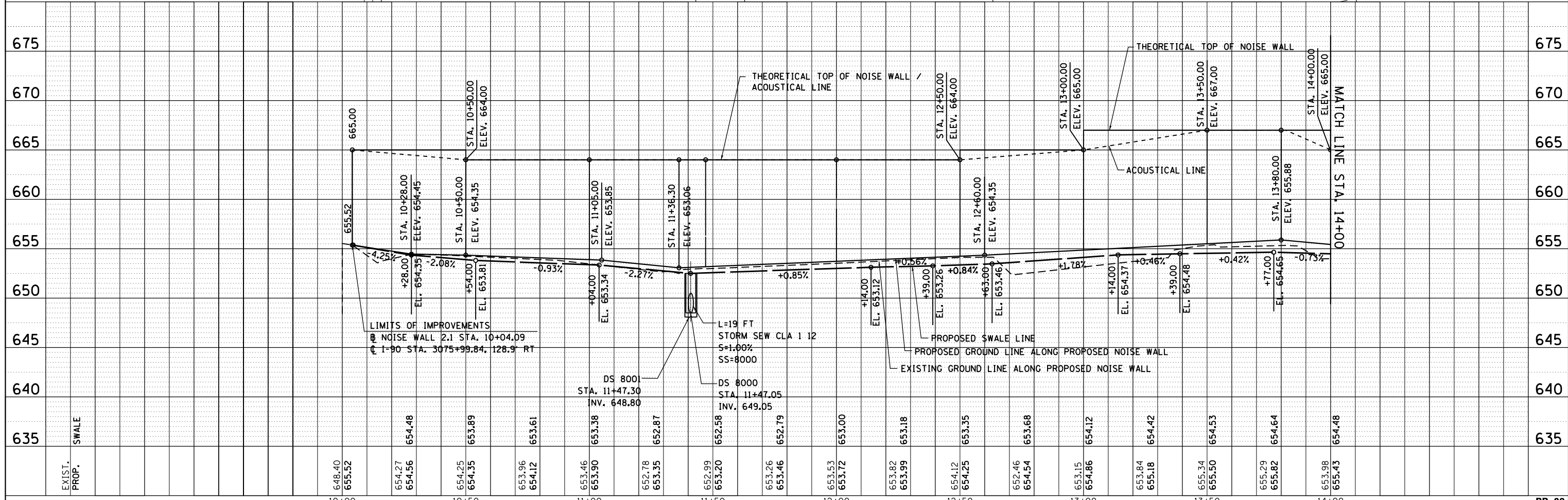
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	PLOT SCALE = 2.0000" / 1"	CHECKED = MAM	REVISED = -			CONTRACT NO. = 60Y40				
	PLOT DATE = 8/15/2017	DATE = 8/21/2017	REVISED = -			SCALE: 1" = 20'	SHEET NO. 2 OF 21 SHEETS	STA. 14+00.00 TO STA. 17+99.84	ILLINOIS FED. AID PROJECT	
	PP-02									

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHKD		
	NO. _____		

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



- NOTES:**
1. ALL STATION AND OFFSET MEASUREMENTS OFF NOISE WALL 2.1 UNLESS OTHERWISE NOTED.
 2. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
 3. SEE ALIGNMENT AND TIES SHEET FOR LAYOUT INFORMATION.
 4. SEE CROSS SECTIONS FOR SWALE LAYOUT.



EXIST. PROP.	648.40	655.52	654.27	654.56	654.25	654.35	653.96	654.12	653.46	653.90	653.38	652.78	653.35	652.87	652.99	653.20	653.26	653.46	653.53	653.72	653.82	653.99	653.18	653.35	654.12	654.25	652.46	654.54	653.15	654.86	653.84	655.18	655.34	655.50	655.29	655.82	653.98	655.43	654.48	654.48	
	10+00	10+50	10+28	10+54	10+54	10+54	10+54	10+54	10+54	11+00	11+04	11+36	11+36	11+36	11+47	11+47	11+47	11+47	11+47	12+00	12+40	12+40	12+40	12+40	12+40	12+40	12+40	13+00	13+00	13+00	13+00	13+00	13+50	13+50	13+50	13+50	13+50	14+00	14+00	14+00	14+00



USER NAME = mksrby	DESIGNED MJK	REVISED - -
	DRAWN JAB	REVISED - -
PLOT SCALE = 2.0000' / in.	CHECKED MAM	REVISED - -
PLOT DATE = 8/15/2017	DATE 8/21/2017	REVISED - -

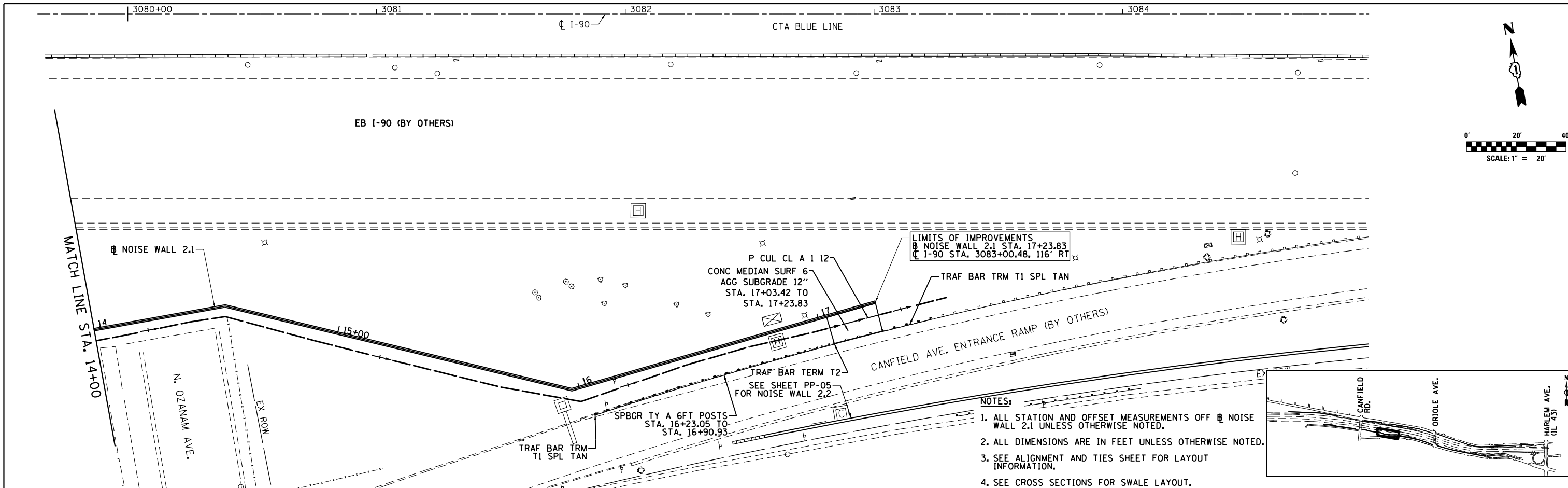
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
PLAN & PROFILE
NOISE WALL 2.1

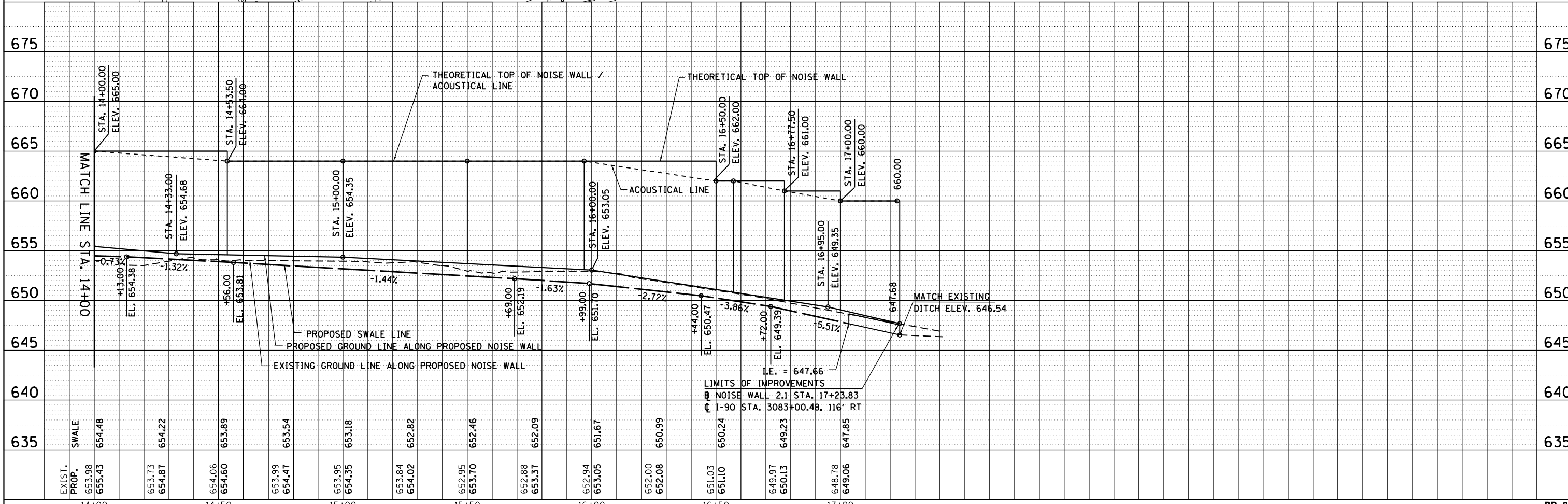
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) I-14	COOK	353	38
CONTRACT NO. 60Y40				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	AT		
	FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	AT		
	FILE NAME		
	NO.		



- NOTES:
1. ALL STATION AND OFFSET MEASUREMENTS OFF NOISE WALL 2.1 UNLESS OTHERWISE NOTED.
 2. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
 3. SEE ALIGNMENT AND TIES SHEET FOR LAYOUT INFORMATION.
 4. SEE CROSS SECTIONS FOR SWALE LAYOUT.



EXIST. SWALE	653.98	654.48	653.73	654.87	654.06	654.60	653.99	654.47	653.95	654.35	653.84	654.02	652.95	653.70	652.88	653.37	652.94	653.05	652.00	652.08	651.03	651.10	649.97	650.13	648.78	649.06	
PROP.	655.43	654.22	653.89	653.54	653.18	652.82	652.46	652.09	651.67	650.99	650.24	649.23	647.85														

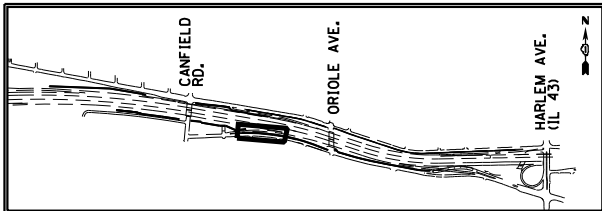


USER NAME = mksrby	DESIGNED MJK	REVISED - -
	DRAWN JAB	REVISED - -
PLOT SCALE = 2.0000' / in.	CHECKED MAM	REVISED - -
PLOT DATE = 8/15/2017	DATE 8/21/2017	REVISED - -

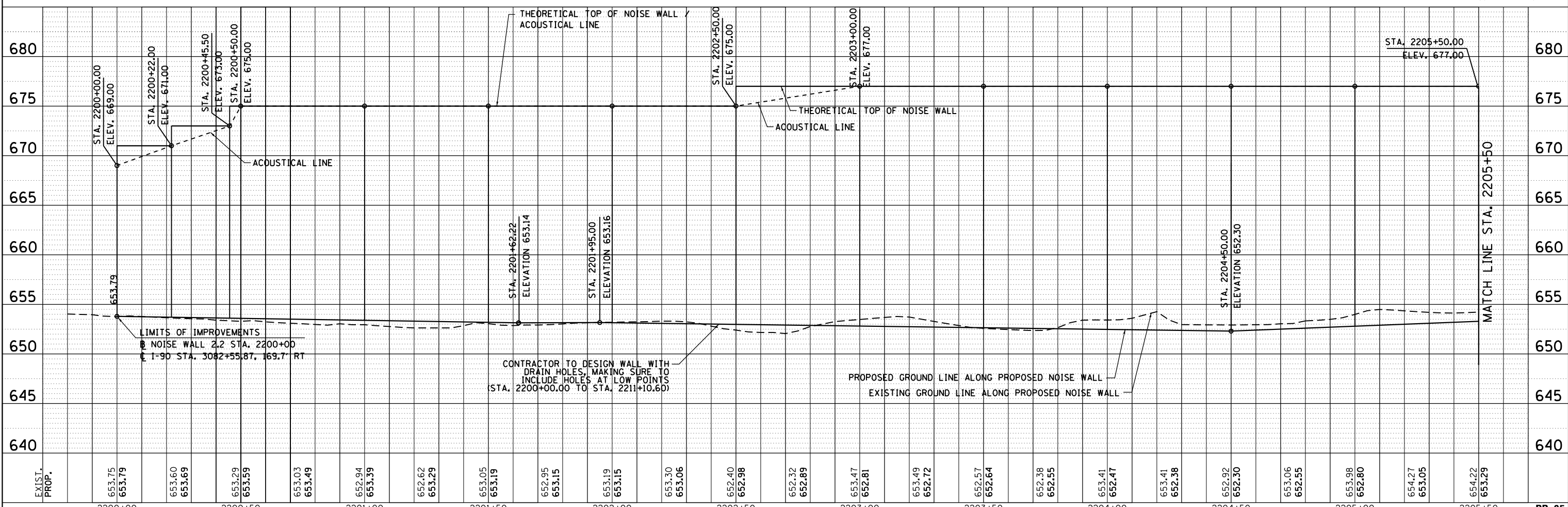
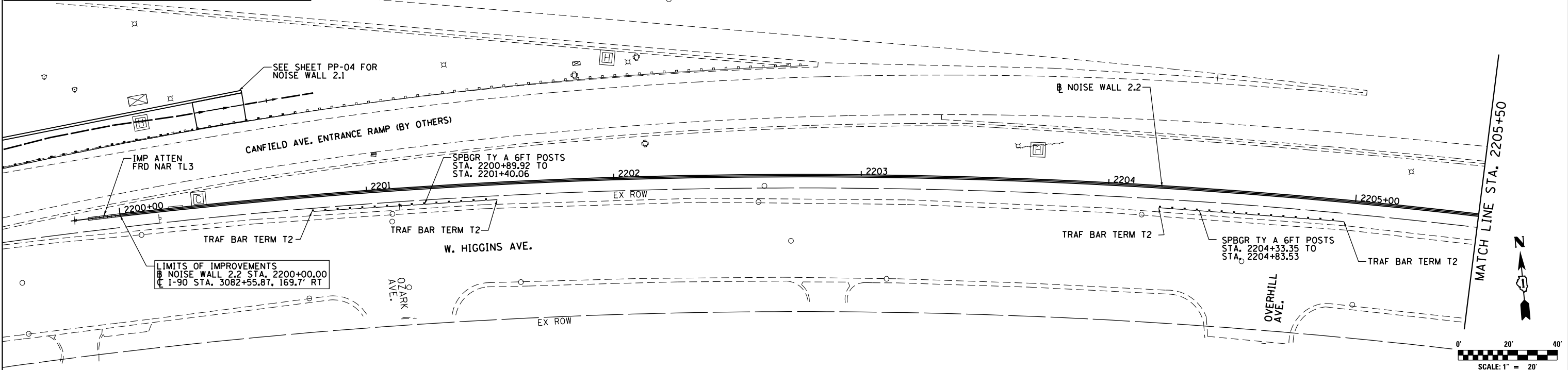
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
PLAN & PROFILE
NOISE WALL 2.1
SCALE: 1" = 20' SHEET NO. 4 OF 21 SHEETS STA. 14+00 TO STA. 17+22.86

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) I-14	COOK	353	39
CONTRACT NO. 60Y40				
ILLINOIS FED. AID PROJECT				



- NOTES:**
1. ALL STATION AND OFFSET MEASUREMENTS OFF NOISE WALL 2.2 UNLESS OTHERWISE NOTED.
 2. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
 3. SEE ALIGNMENT AND TIES SHEET FOR LAYOUT INFORMATION.



EXIST. PROP.	2200+00	2200+50	2201+00	2201+50	2202+00	2202+50	2203+00	2203+50	2204+00	2204+50	2205+00	PP-05
653.75	653.79	653.60	653.29	653.05	653.19	653.30	652.47	652.57	653.41	652.92	653.98	TOTAL SHEETS
653.79	653.69	653.59	653.49	653.19	653.15	653.06	652.81	652.64	652.47	652.30	652.80	353
												40



USER NAME = mksrby	DESIGNED = MJK	REVISED = -
PLOT SCALE = 2.0000' / 1"	CHECKED = MAM	REVISED = -
PLOT DATE = 8/15/2017	DATE = 8/21/2017	REVISED = -

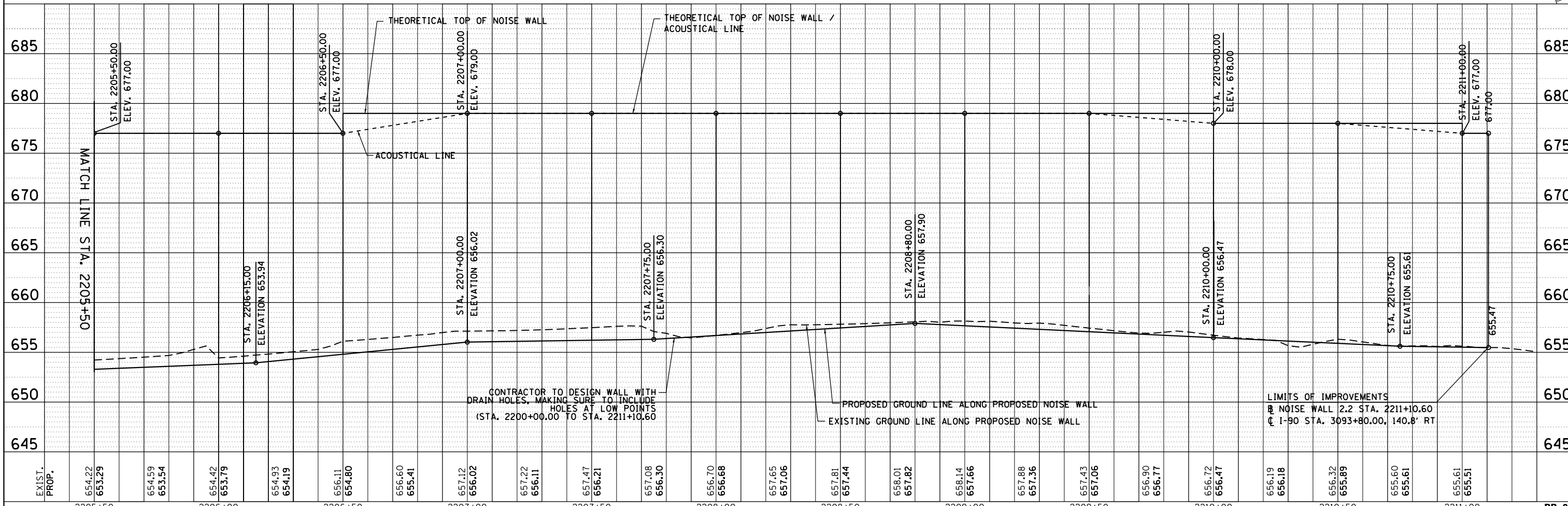
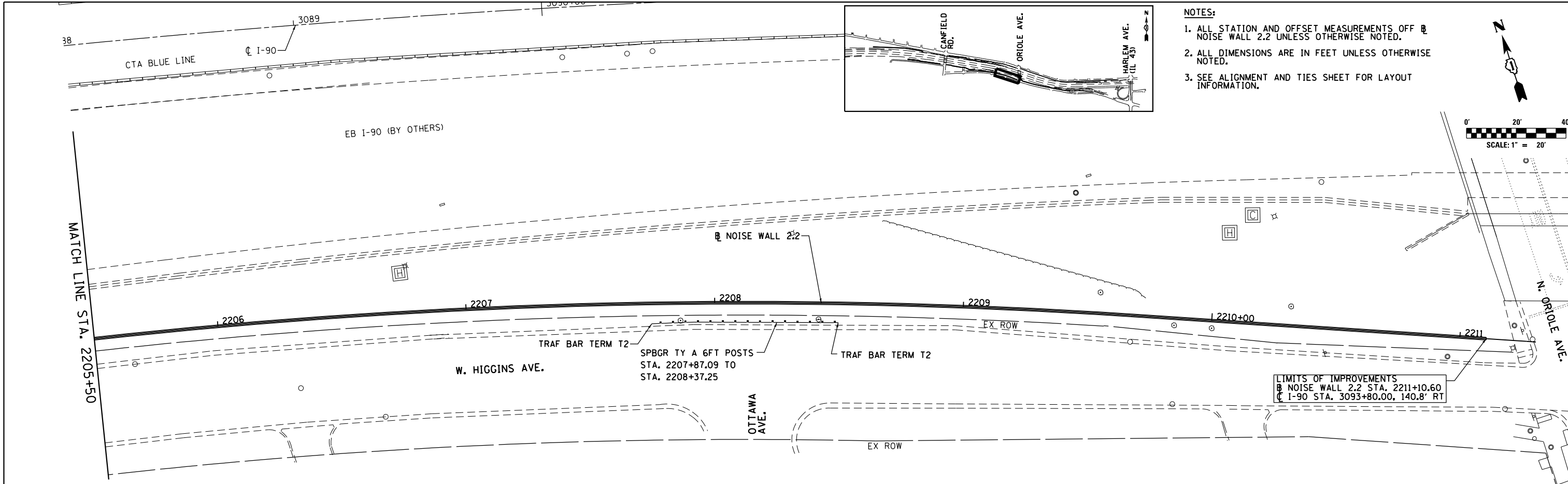
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
PLAN & PROFILE
NOISE WALL 2.2

F.A.I. RTE. 90	SECTION (1517 & 1415) I-14	COUNTY COOK	TOTAL SHEETS 353	SHEET NO. 40
CONTRACT NO. 60Y40				
ILLINOIS FED. AID PROJECT				

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

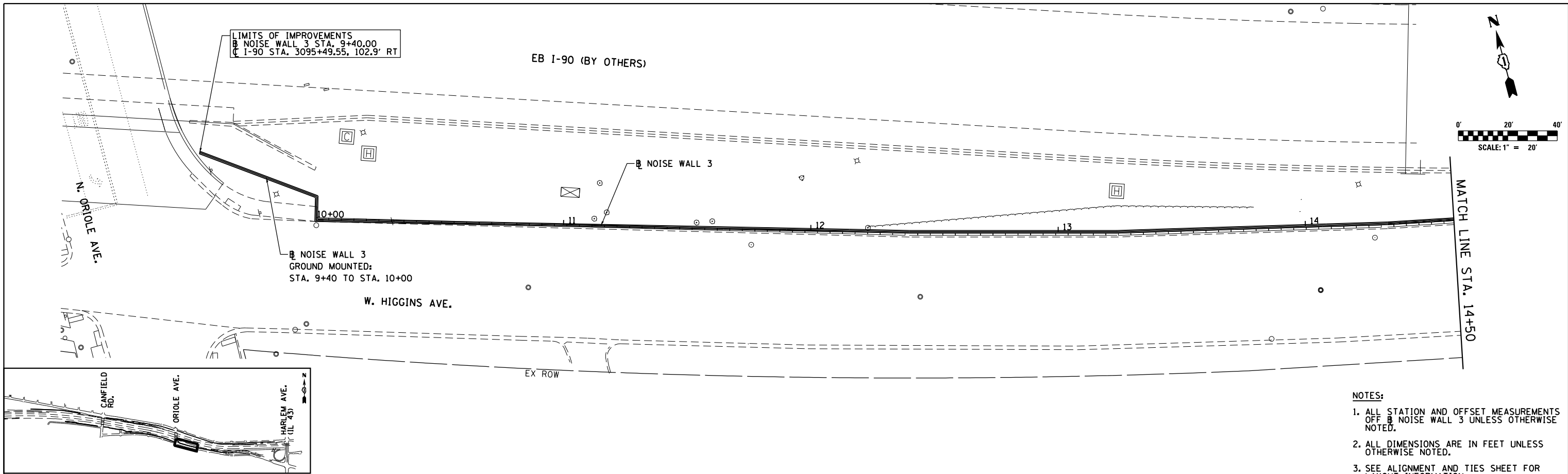
PROFILE	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
CHECKED	AT	
NOTATIONS		



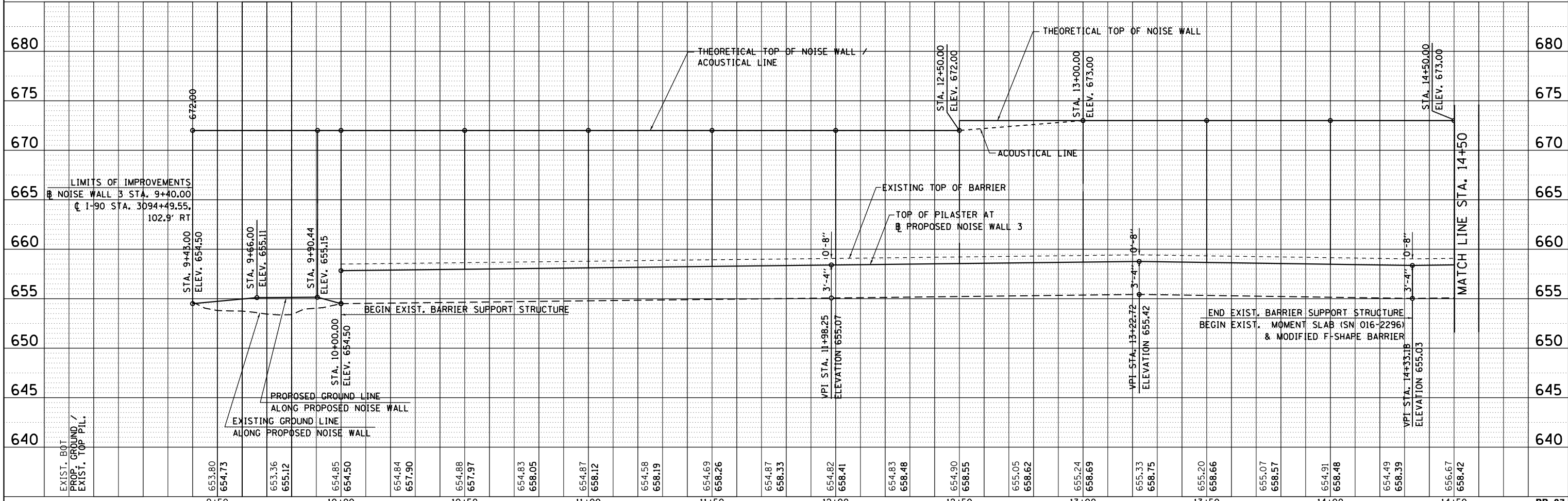
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PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	CHECKED		
	AT		
	FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	CHECKED		
	AT		
	FILE NAME		



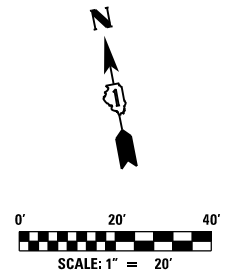
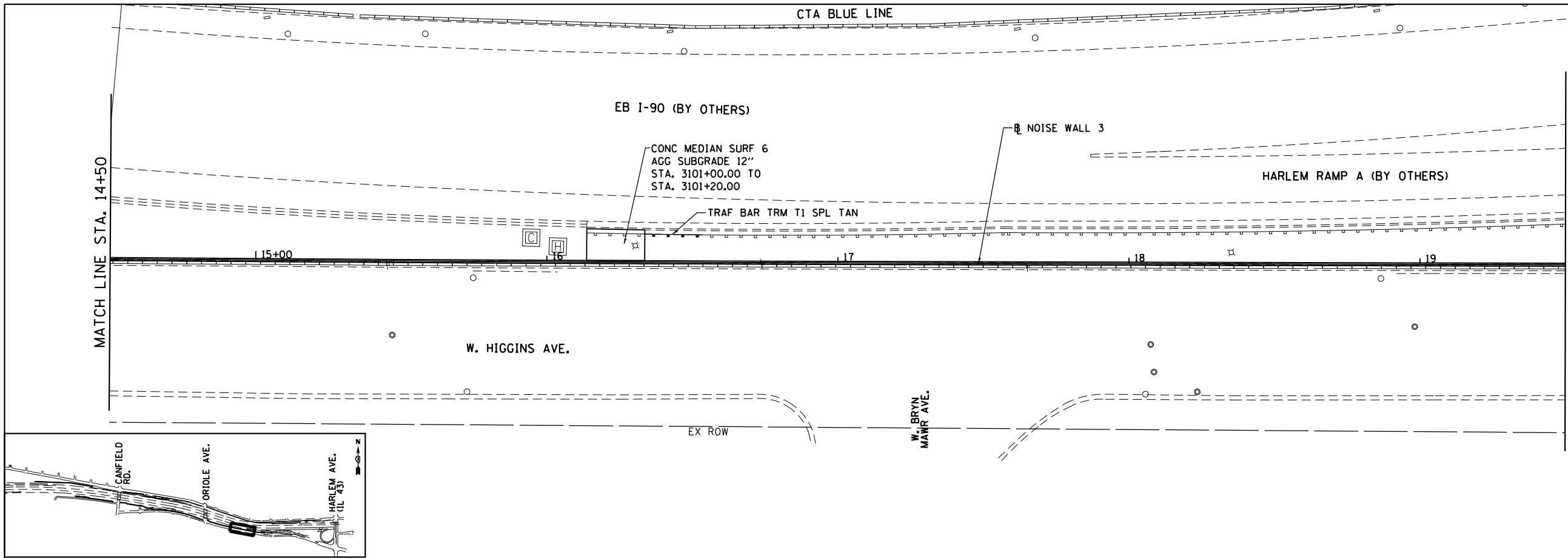
- NOTES:**
1. ALL STATION AND OFFSET MEASUREMENTS OFF NOISE WALL 3 UNLESS OTHERWISE NOTED.
 2. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
 3. SEE ALIGNMENT AND TIES SHEET FOR LAYOUT INFORMATION.



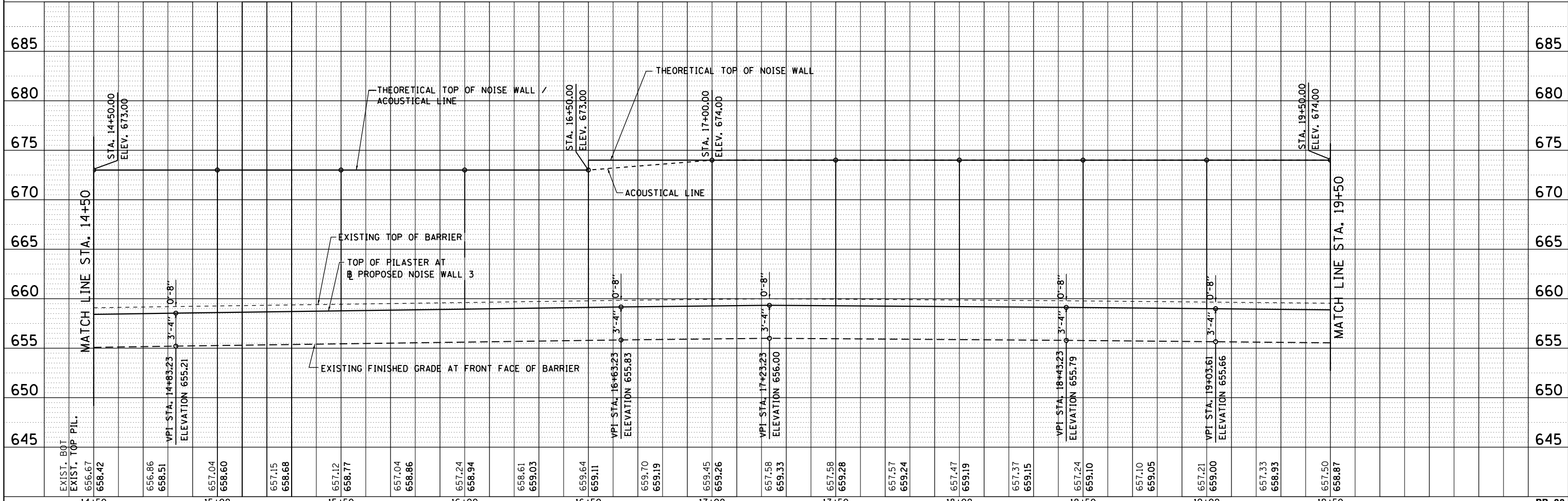
HNTB	USER NAME = mksrby	DESIGNED = MJK	REVISED = -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE. PLAN & PROFILE NOISE WALL 3		F.A.I. R.T.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 2.0000' / in.	CHECKED = MAM	REVISED = -				90	(1517 & 1415) I-14	COOK	353	42
	PLOT DATE = 8/15/2017	DATE = 8/21/2017	REVISED = -				CONTRACT NO. 60Y40				
								ILLINOIS FED. AID PROJECT			

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	AT		
	NO. _____		
	NO. _____		
	NO. _____		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	AT		
	NO. _____		
	NO. _____		
	NO. _____		



- NOTES:**
1. ALL STATION AND OFFSET MEASUREMENTS OFF NOISE WALL 3 UNLESS OTHERWISE NOTED.
 2. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
 3. SEE ALIGNMENT AND TIES SHEET FOR LAYOUT INFORMATION.

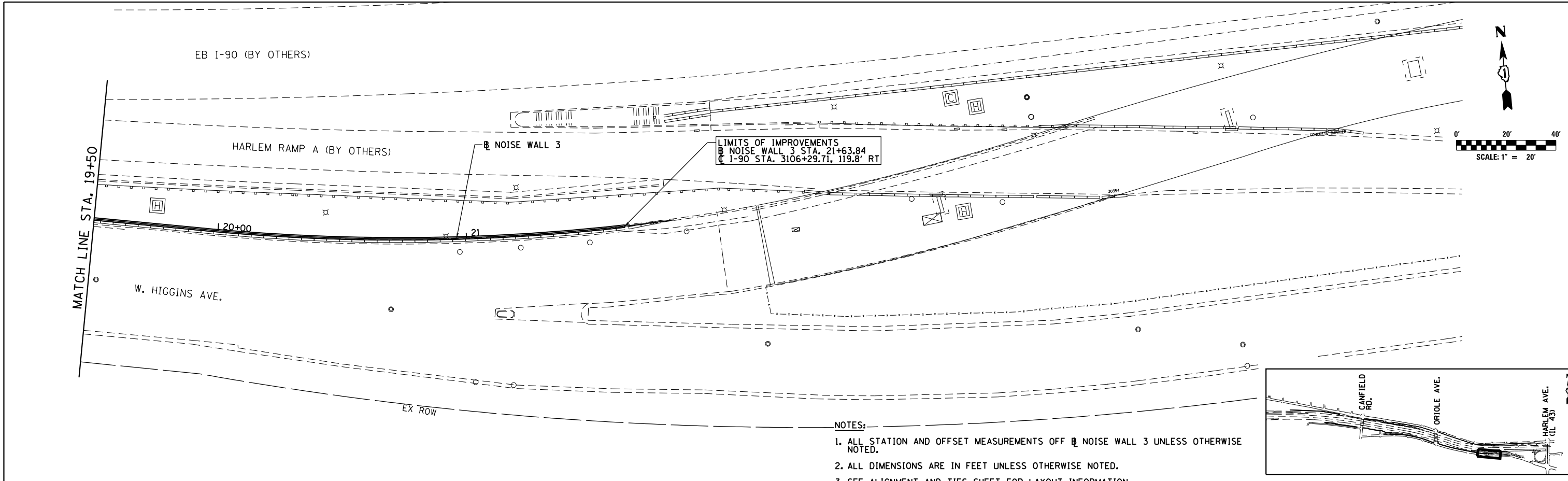


HNTB	USER NAME = mksrby	DESIGNED = MJK	REVISED = -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE. PLAN & PROFILE NOISE WALL 3			PP-08	
	PLOT SCALE = 2.0000' / in.	CHECKED = MAM	REVISED = -		SECTION (1517 & 1415) I-14		COUNTY COOK		TOTAL SHEETS 353
	PLOT DATE = 8/15/2017	DATE = 8/21/2017	REVISED = -		SCALE: 1" = 20'		SHEET NO. 8 OF 21 SHEETS		
					STA. 14+50 TO STA. 19+50		CONTRACT NO. 60Y40		
ILLINOIS FED. AID PROJECT									

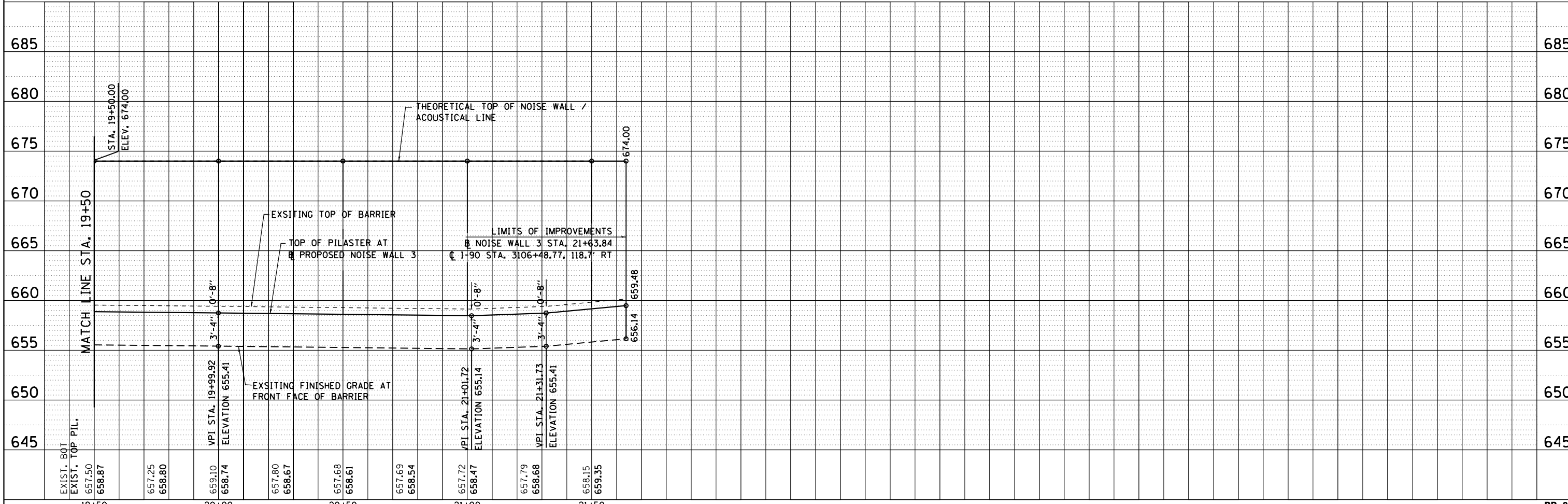
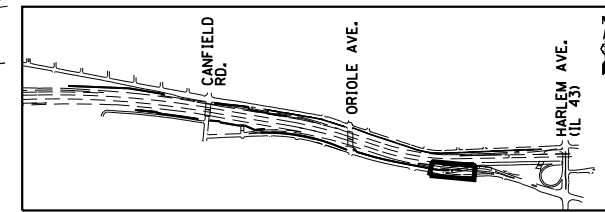
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PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		

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



- NOTES:
1. ALL STATION AND OFFSET MEASUREMENTS OFF B NOISE WALL 3 UNLESS OTHERWISE NOTED.
 2. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
 3. SEE ALIGNMENT AND TIES SHEET FOR LAYOUT INFORMATION.



USER NAME = mksrby	DESIGNED MJK	REVISED - -
	DRAWN JAB	REVISED - -
PLOT SCALE = 2.0000' / in.	CHECKED MAM	REVISED - -
PLOT DATE = 8/15/2017	DATE 8/21/2017	REVISED - -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

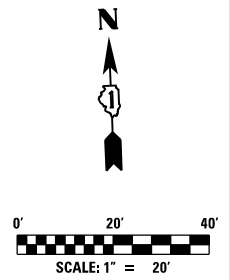
I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
PLAN & PROFILE
NOISE WALL 3

SCALE: 1" = 20' SHEET NO. 9 OF 21 SHEETS STA. 19+50.00 TO STA. 21+83.72

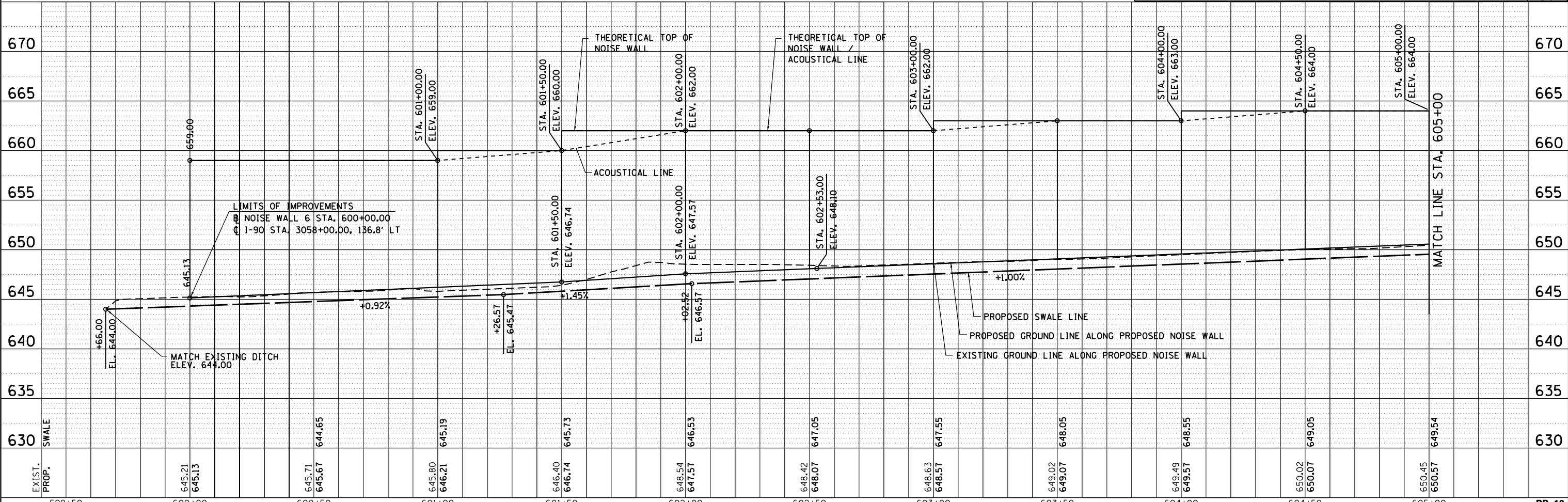
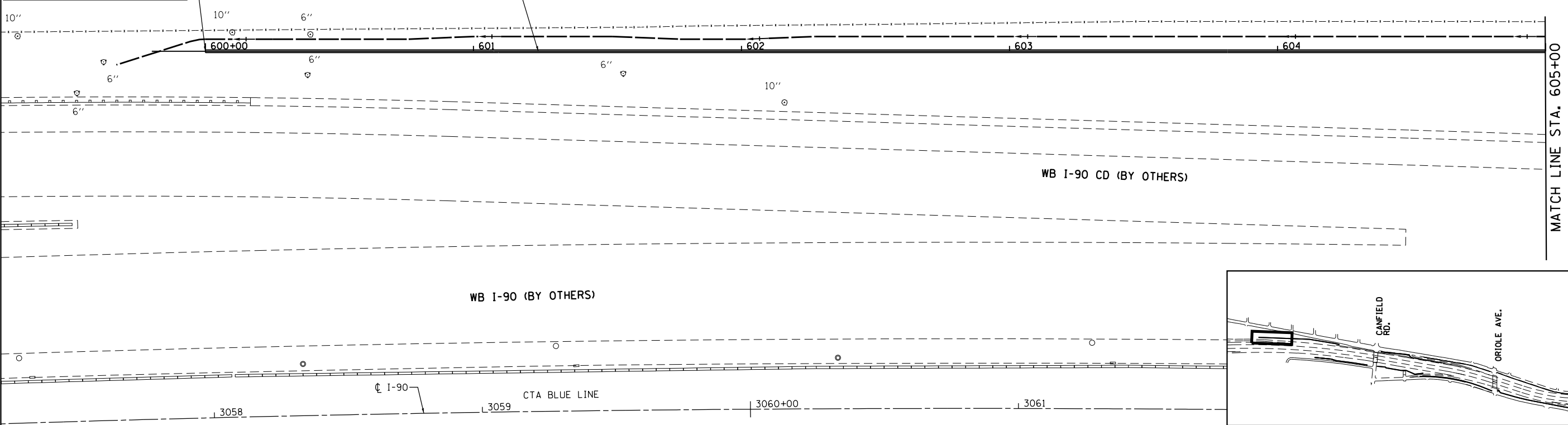
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) I-14	COOK	353	44
CONTRACT NO. 60Y40				
ILLINOIS FED. AID PROJECT				

NOTES:

1. ALL STATION AND OFFSET MEASUREMENTS OFF NOISE WALL 6 UNLESS OTHERWISE NOTED.
2. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
3. SEE ALIGNMENT AND TIES SHEET FOR LAYOUT INFORMATION.
4. SEE CROSS SECTIONS FOR SWALE LAYOUT.



LIMITS OF IMPROVEMENTS
 NOISE WALL 6 STA. 600+00.00
 I-90 STA. 3058+00.00, 136.8' LT



PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	ALIGNMENT CHECKED		
	STRUCTURE CHECKED		
	CADD FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	ALIGNMENT CHECKED		
	STRUCTURE CHECKED		
	NOTATION CHKD		
	NO.		



USER NAME = mksrby	DESIGNED MJK	REVISED - -
	DRAWN JAB	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED MAM	REVISED -
PLOT DATE = 8/15/2017	DATE 8/21/2017	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

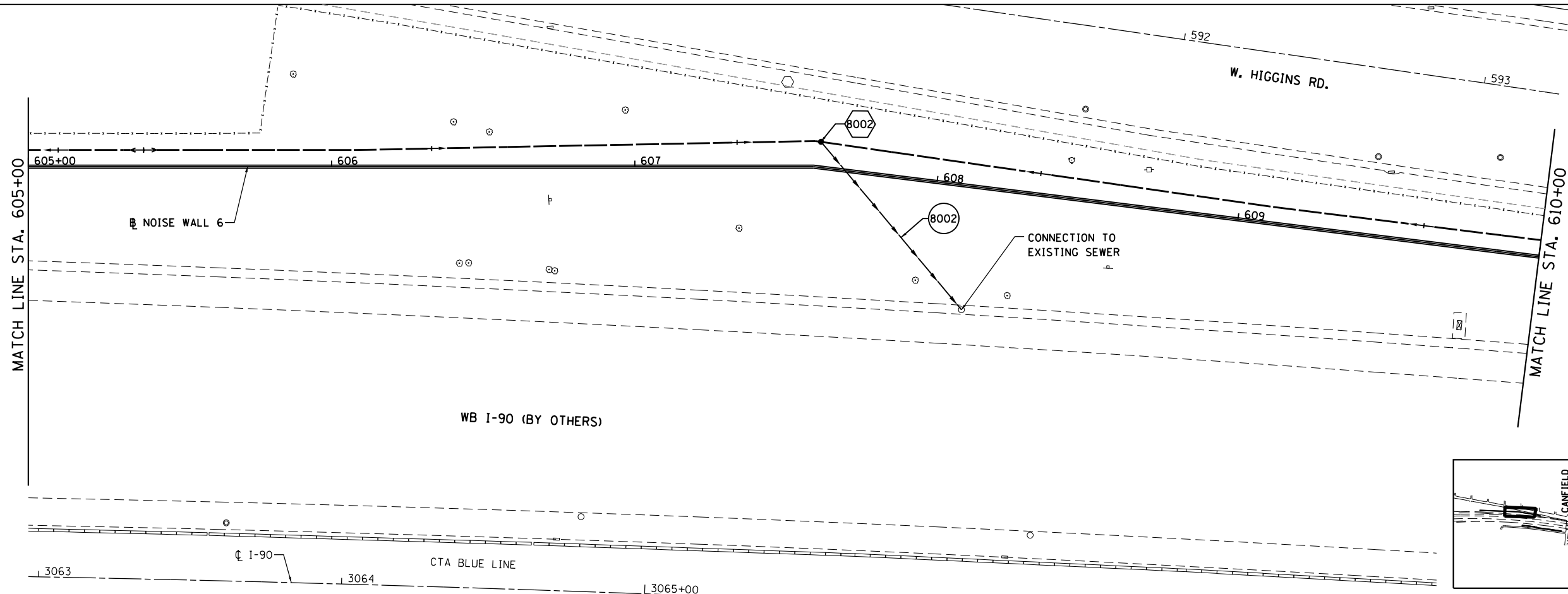
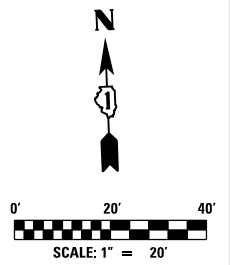
**I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
 PLAN & PROFILE
 NOISE WALL 6**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) I-14	COOK	353	45
CONTRACT NO. 60Y40				

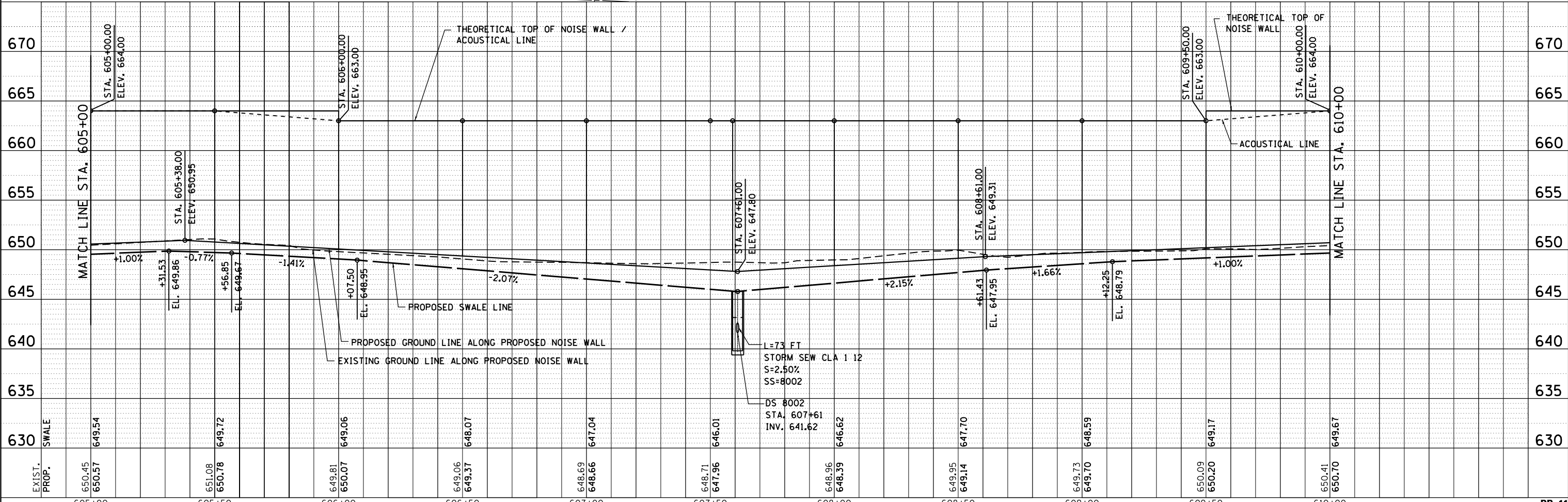
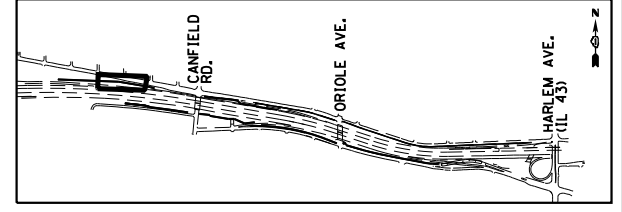
SCALE: 1" = 20' SHEET NO. 10 OF 21 SHEETS STA. 600+00 TO STA. 605+00

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		



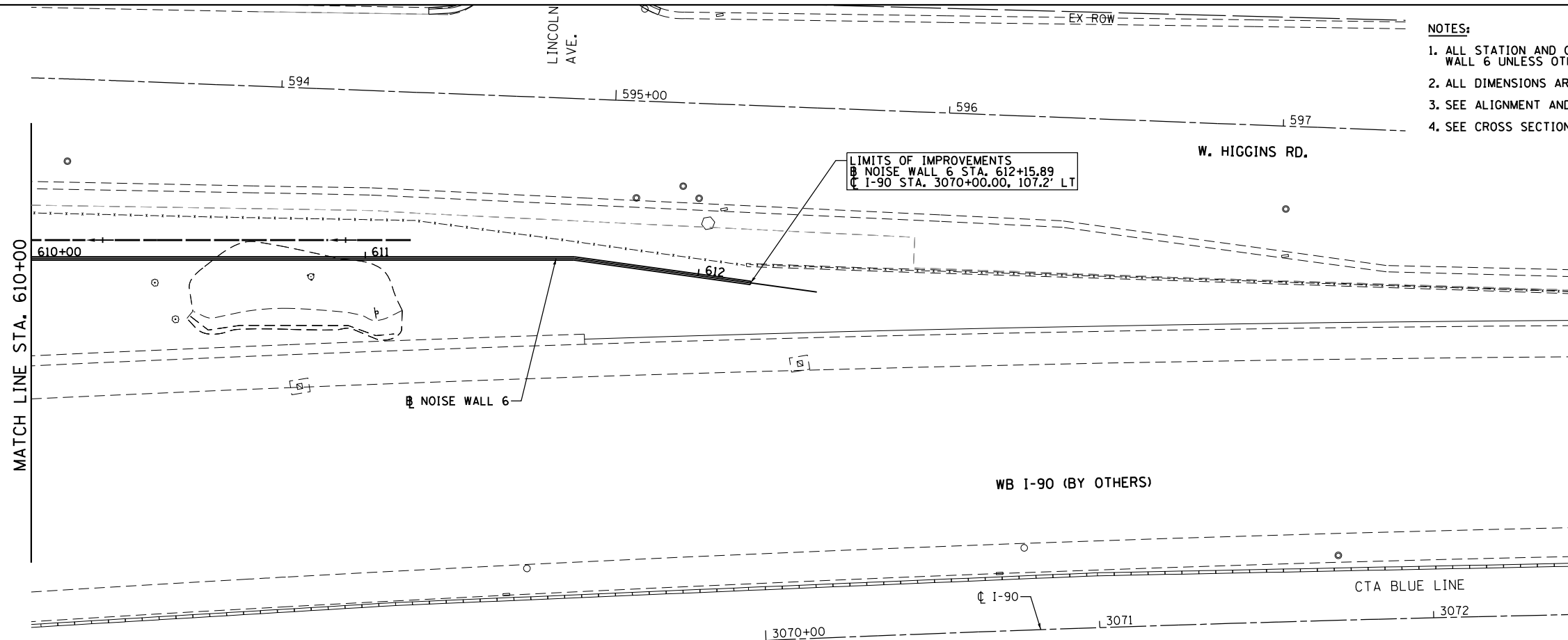
- NOTES:**
1. ALL STATION AND OFFSET MEASUREMENTS OFF NOISE WALL 6 UNLESS OTHERWISE NOTED.
 2. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
 3. SEE ALIGNMENT AND TIES SHEET FOR LAYOUT INFORMATION.
 4. SEE CROSS SECTIONS FOR SWALE LAYOUT.



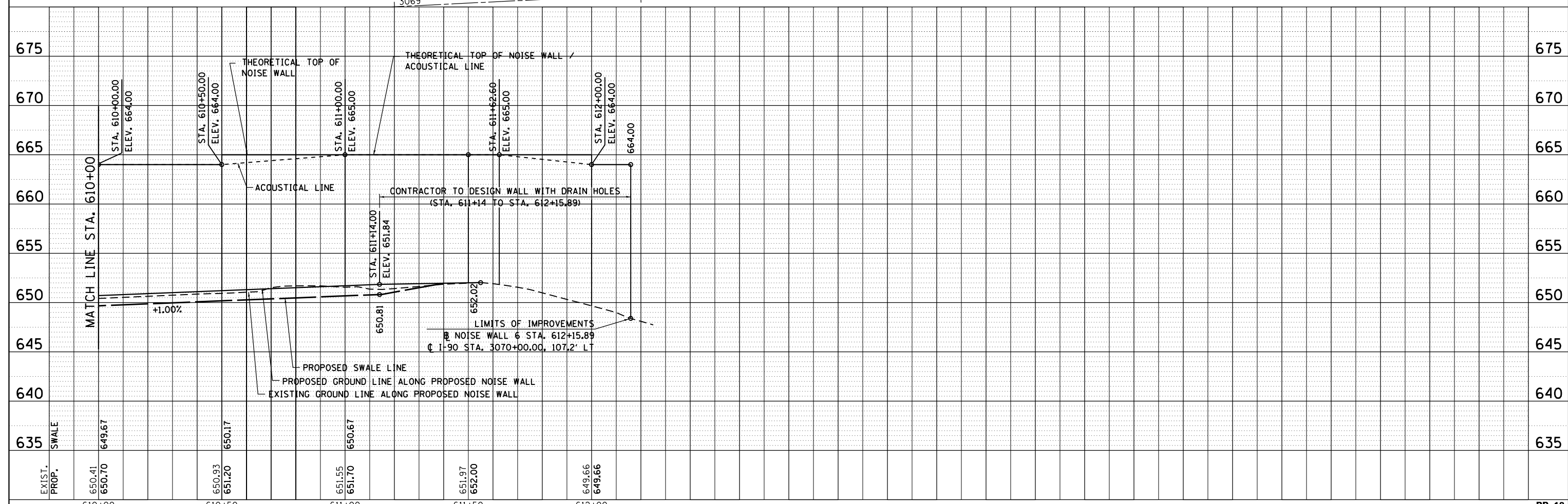
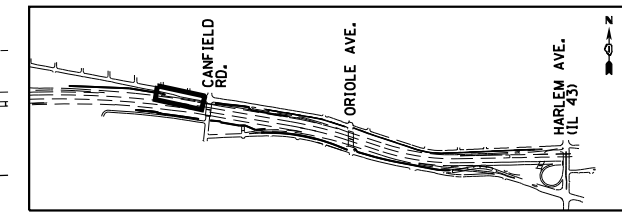
HNTB	USER NAME = mksrby	DESIGNED = MJK	REVISED = -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE. PLAN & PROFILE NOISE WALL 6		F.A.I. RTE. = 90	SECTION = (1517 & 1415) I-14	COUNTY = COOK	TOTAL SHEETS = 353	SHEET NO. = 46	
	PLOT SCALE = 2.0000' / 1"	CHECKED = MAM	REVISED = -		SCALE: 1" = 20'	SHEET NO. 11 OF 21 SHEETS	STA. 605+00 TO STA. 610+00	CONTRACT NO. 60Y40		ILLINOIS FED. AID PROJECT		
	PLOT DATE = 8/15/2017	DATE = 8/21/2017	REVISED = -									

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		



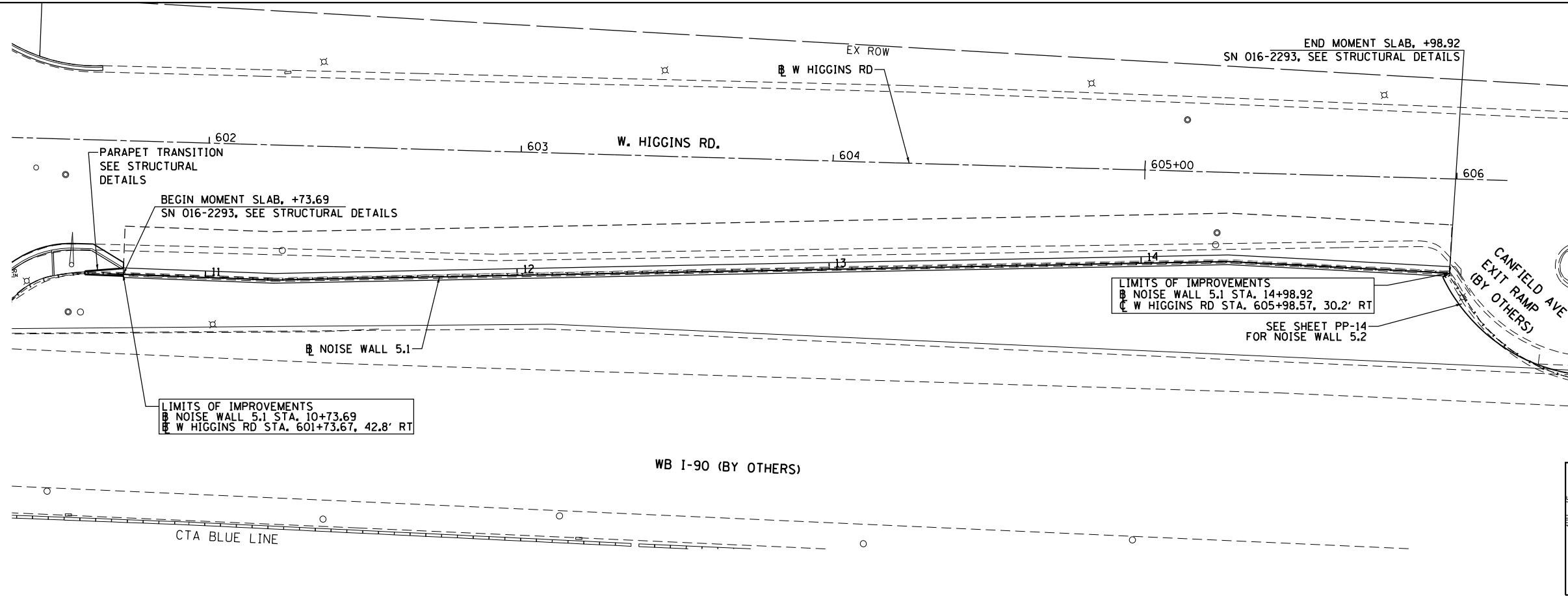
- NOTES:**
1. ALL STATION AND OFFSET MEASUREMENTS OFF NOISE WALL 6 UNLESS OTHERWISE NOTED.
 2. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
 3. SEE ALIGNMENT AND TIES SHEET FOR LAYOUT INFORMATION.
 4. SEE CROSS SECTIONS FOR SWALE LAYOUT.



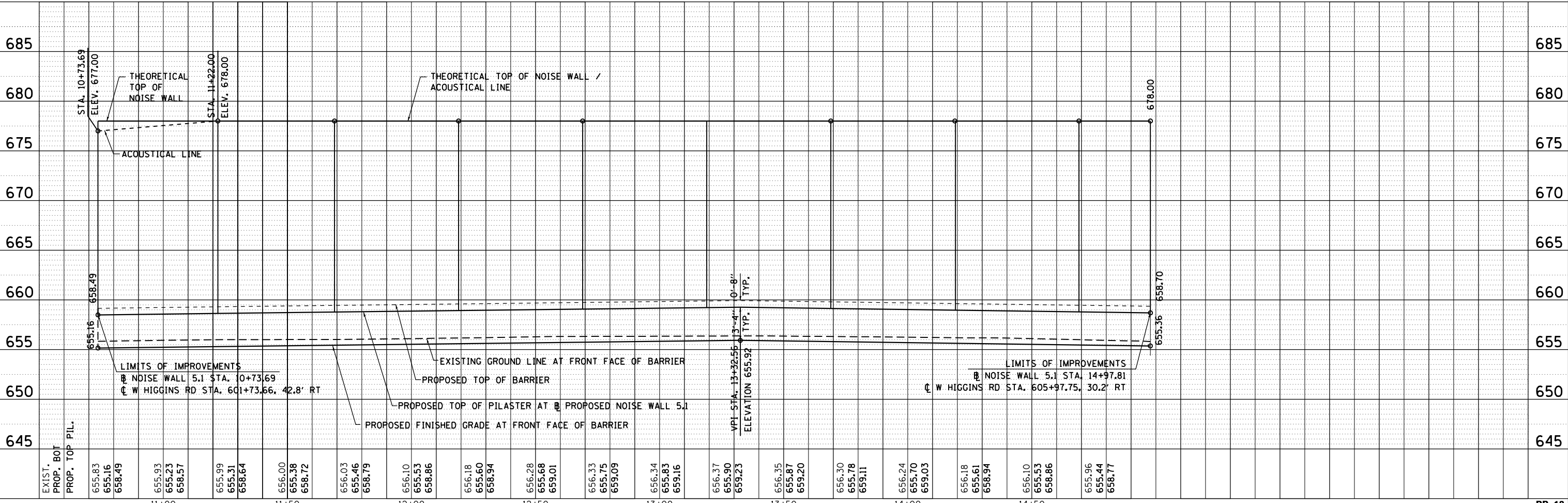
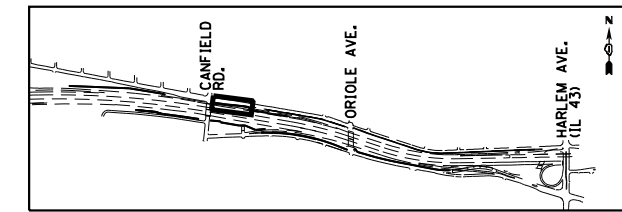
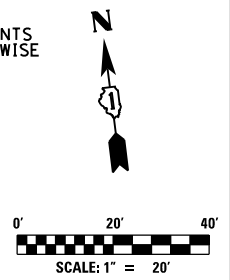
HNTB	USER NAME = mksrby	DESIGNED = MJK	REVISED = -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE. PLAN & PROFILE NOISE WALL 6	F.A.I. RTE. = 90	SECTION = (1517 & 1415) I-14	COUNTY = COOK	TOTAL SHEETS = 353	SHEET NO. = 47
	PLOT SCALE = 2.0000' / in.	CHECKED = MAM	REVISED = -			CONTRACT NO. 60Y40				
	PLOT DATE = 8/15/2017	DATE = 8/21/2017	REVISED = -			ILLINOIS FED. AID PROJECT				
	SCALE: 1" = 20'					SHEET NO. 12 OF 21 SHEETS			STA. 610+00.00 TO STA. 612+15.89	

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		



- NOTES:
1. ALL STATION AND OFFSET MEASUREMENTS OFF B NOISE WALL 5.1 UNLESS OTHERWISE NOTED.
 2. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
 3. SEE ALIGNMENT AND TIES SHEET FOR LAYOUT INFORMATION.



USER NAME = mksrby	DESIGNED MJK	REVISED -
	DRAWN JAB	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED MAM	REVISED -
PLOT DATE = 8/15/2017	DATE 8/21/2017	REVISED -

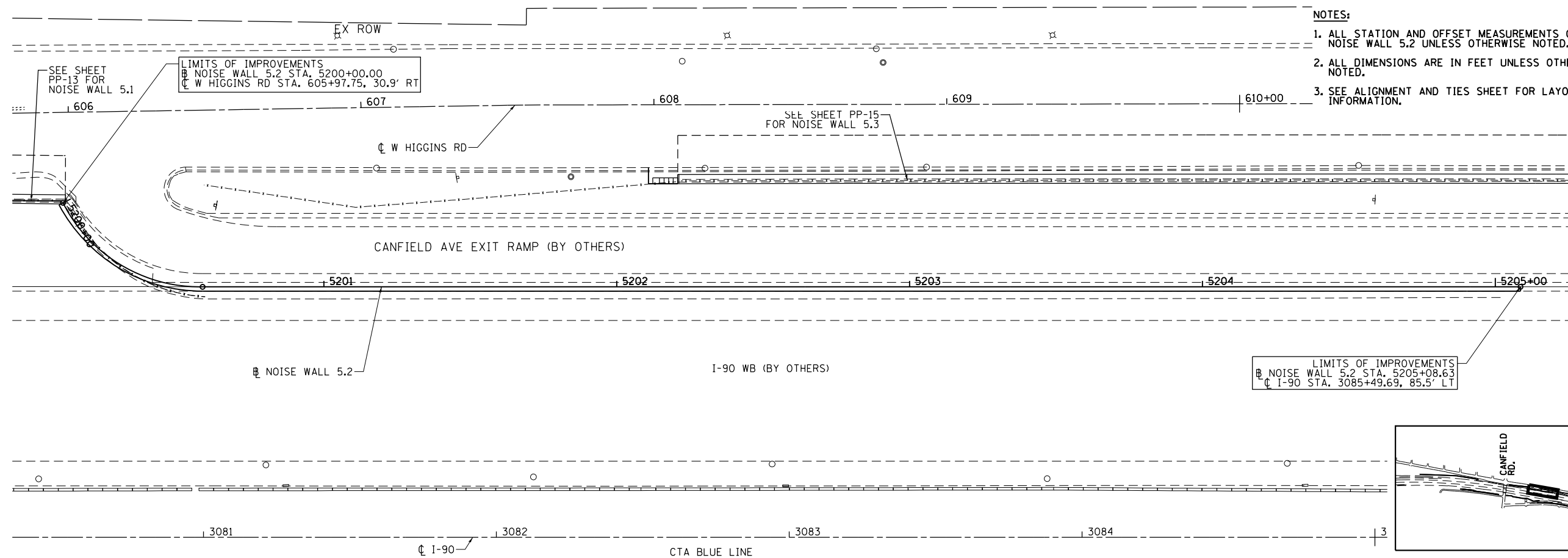
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
PLAN & PROFILE
NOISE WALL 5.1
SCALE: 1" = 20' SHEET NO. 13 OF 21 SHEETS STA. 10+68.93 TO STA. 14+97.81

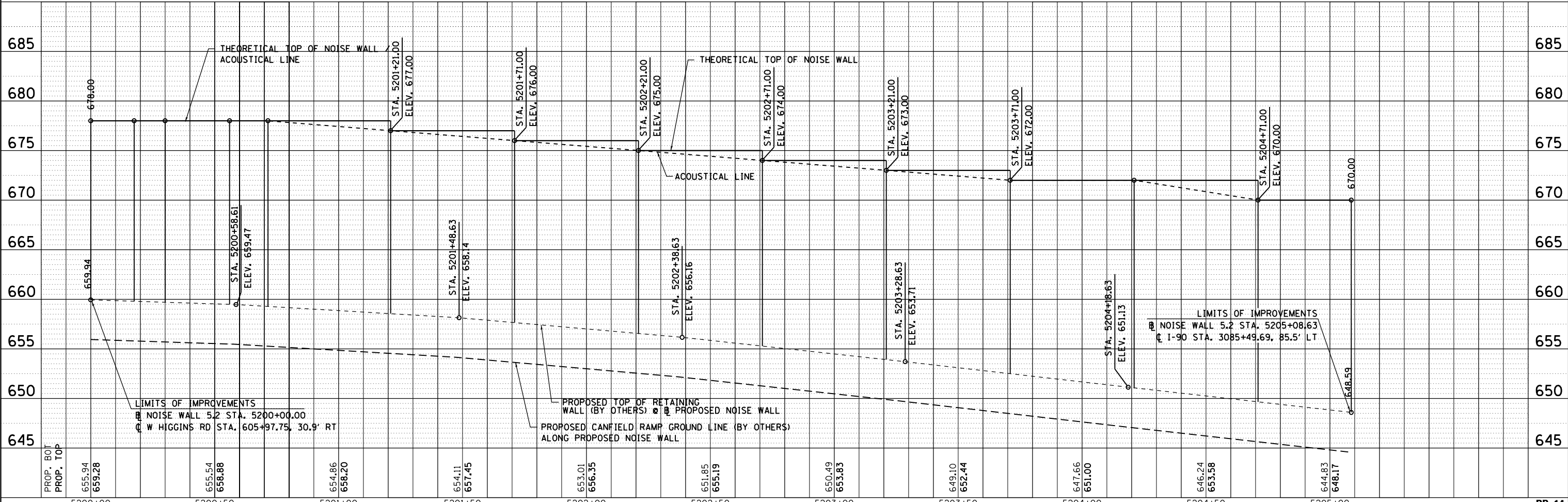
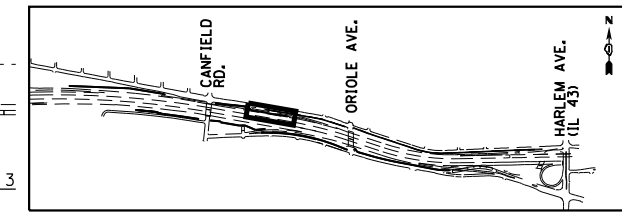
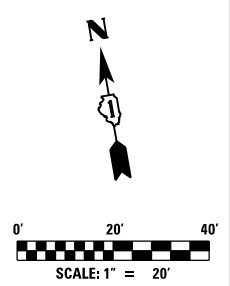
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) I-14	COOK	353	48
CONTRACT NO. 60Y40				
ILLINOIS FED. AID PROJECT				

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

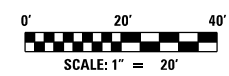
PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		



- NOTES:
1. ALL STATION AND OFFSET MEASUREMENTS OFF NOISE WALL 5.2 UNLESS OTHERWISE NOTED.
 2. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
 3. SEE ALIGNMENT AND TIES SHEET FOR LAYOUT INFORMATION.

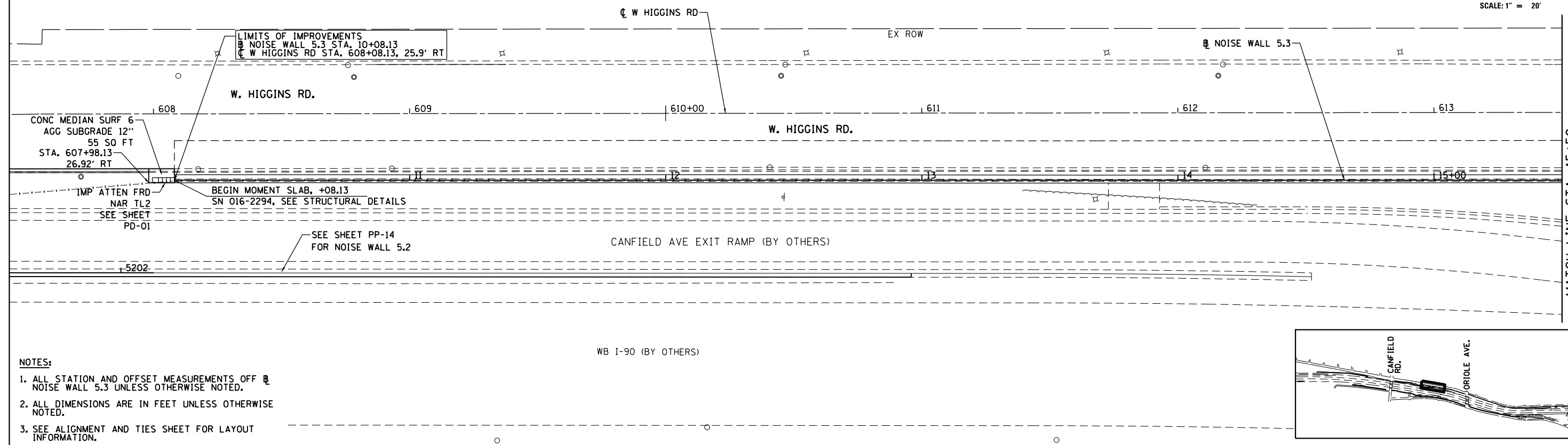


HNTB	USER NAME = mksrby	DESIGNED MJK	REVISED - -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE. PLAN & PROFILE NOISE WALL 5.2			F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 2.0000' / in.	CHECKED MAM	REVISED -		90	(1517 & 1415) I-14	COOK	353	49			
	PLOT DATE = 8/15/2017	DATE 8/21/2017	REVISED -		SCALE: 1" = 20' SHEET NO. 14 OF 21 SHEETS STA. 5200+00.00 TO STA. 5205+08.63			CONTRACT NO. 60Y40				
					ILLINOIS FED. AID PROJECT							

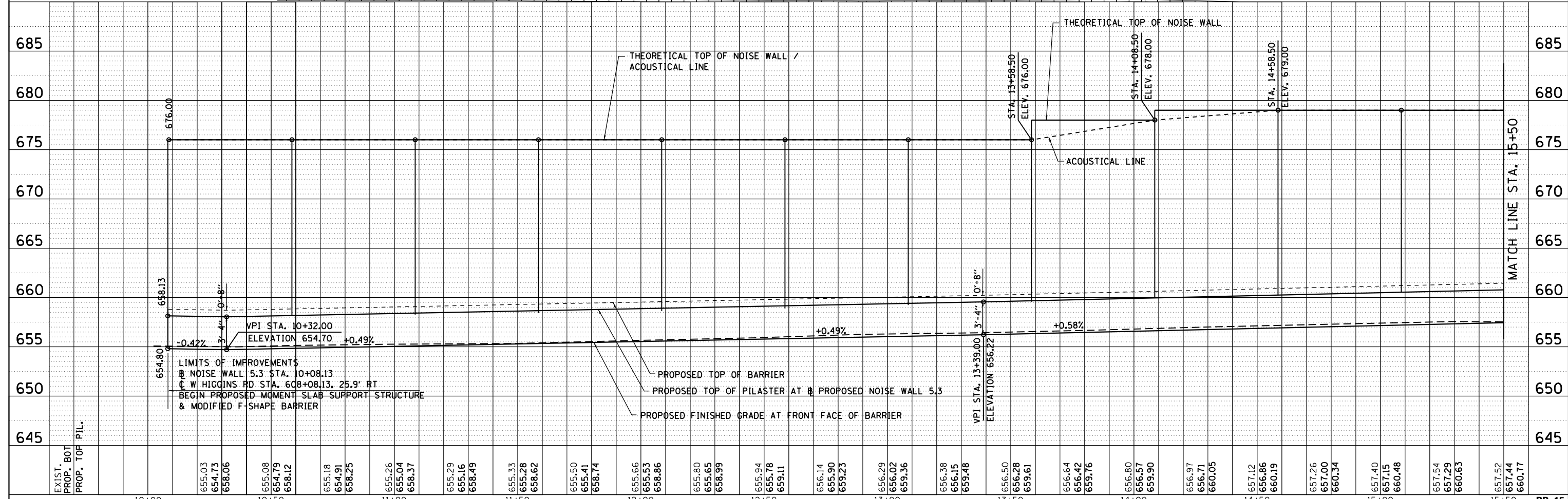
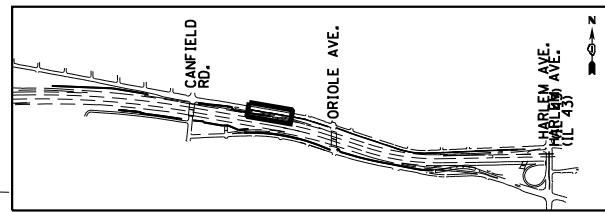


PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	AT		
	FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	AT		
	FILE NAME		
	NO.		



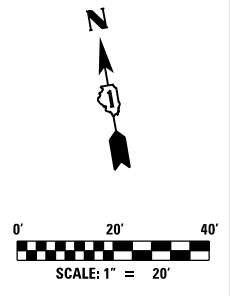
- NOTES:**
1. ALL STATION AND OFFSET MEASUREMENTS OFF B NOISE WALL 5.3 UNLESS OTHERWISE NOTED.
 2. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
 3. SEE ALIGNMENT AND TIES SHEET FOR LAYOUT INFORMATION.



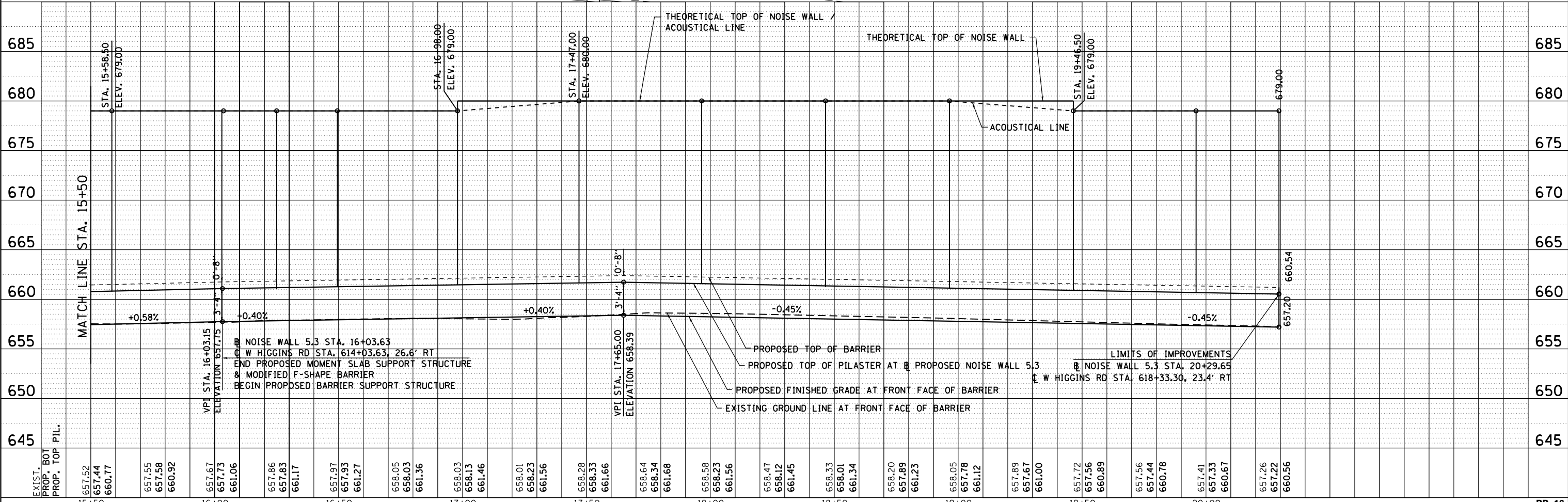
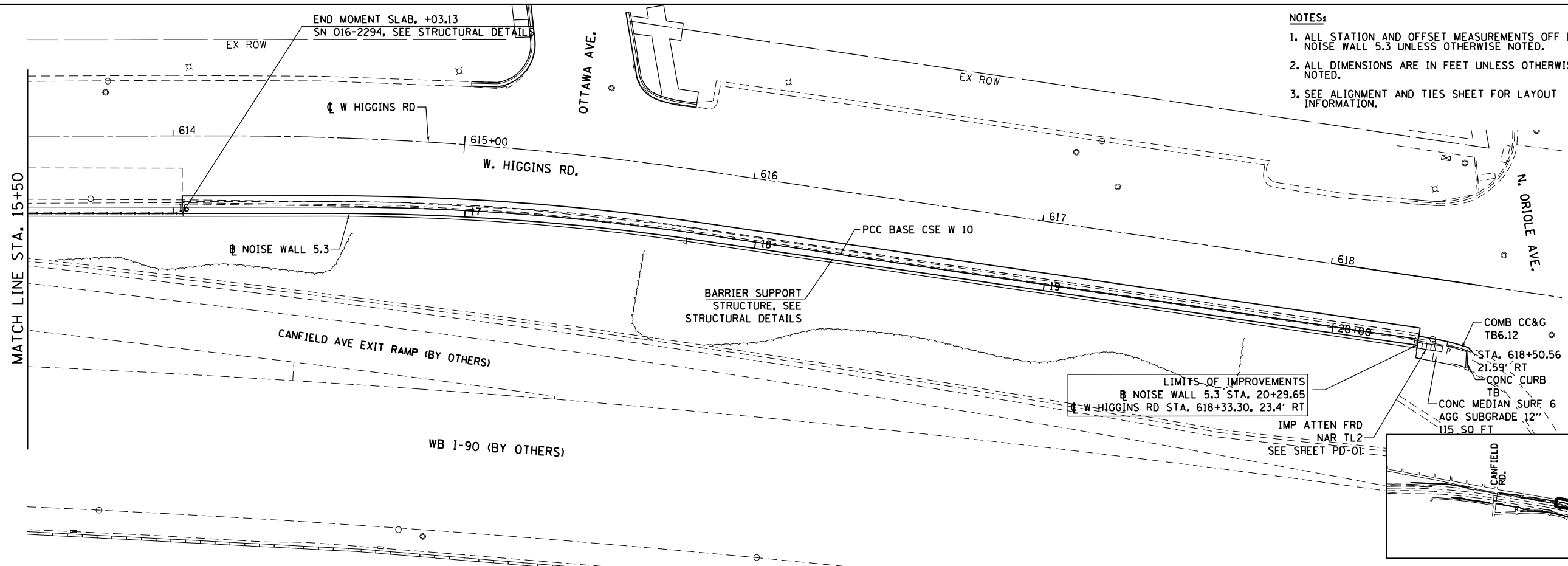
	USER NAME = mksrby	DESIGNED = MJK	REVISED = -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE. PLAN & PROFILE NOISE WALL 5.3			F.A.I. RTE. = 90	SECTION = (1517 & 1415) I-14	COUNTY = COOK	TOTAL SHEETS = 353	SHEET NO. = 50	
	PLOT SCALE = 2.0000' / in.	CHECKED = MAM	REVISED = -		SCALE: 1" = 20'	SHEET NO. 15 OF 21 SHEETS	STA. 10+08.55 TO STA. 15+50.00	CONTRACT NO. 60Y40					
	PLOT DATE = 8/15/2017	DATE = 8/21/2017	REVISED = -		ILLINOIS FED. AID PROJECT								
	FILE NAME: D160Y40-sht-P1nPr-f15.dgn												

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		



- NOTES:
1. ALL STATION AND OFFSET MEASUREMENTS OFF \emptyset NOISE WALL 5.3 UNLESS OTHERWISE NOTED.
 2. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
 3. SEE ALIGNMENT AND TIES SHEET FOR LAYOUT INFORMATION.

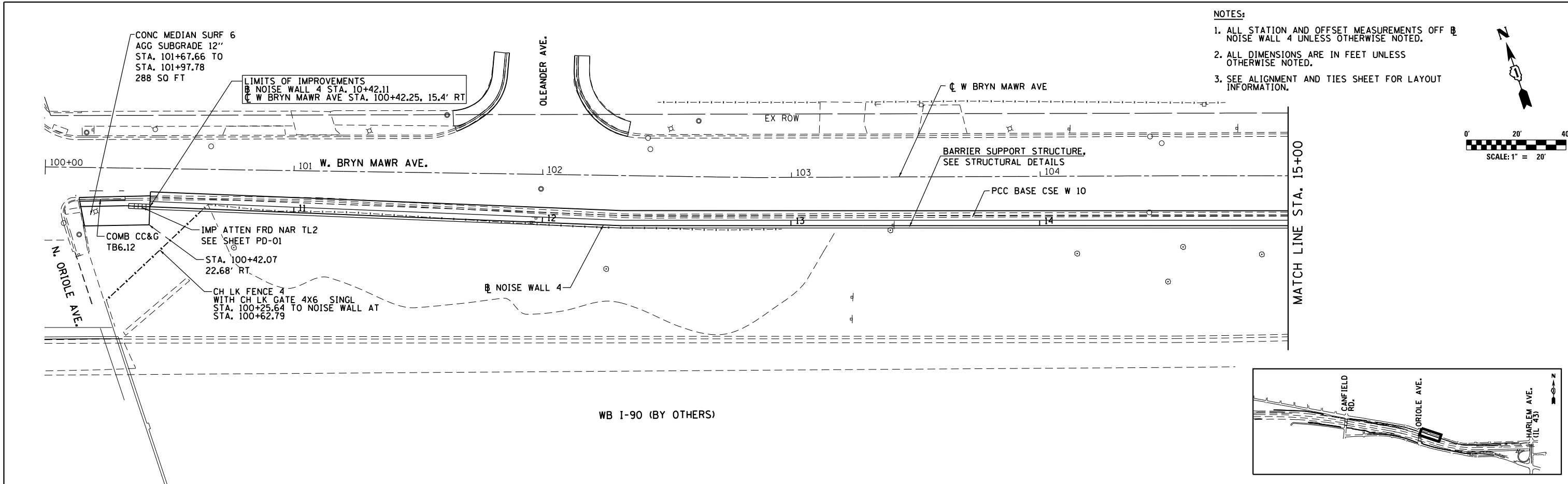


HNTB	USER NAME = mksrby	DESIGNED = MJK	REVISED = -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE. PLAN & PROFILE NOISE WALL 5.3		F.A.I. RTE. = 90	SECTION = (1517 & 1415) I-14	COUNTY = COOK	TOTAL SHEETS = 353	SHEET NO. = 51	
	PLOT SCALE = 2.0000' / in.	CHECKED = MAM	REVISED = -				CONTRACT NO. 60Y40					
	PLOT DATE = 8/15/2017	DATE = 8/21/2017	REVISED = -				ILLINOIS FED. AID PROJECT					
							SCALE: 1" = 20'	SHEET NO. 16 OF 21 SHEETS	STA. 15+50.00 TO STA. 20+29.49			

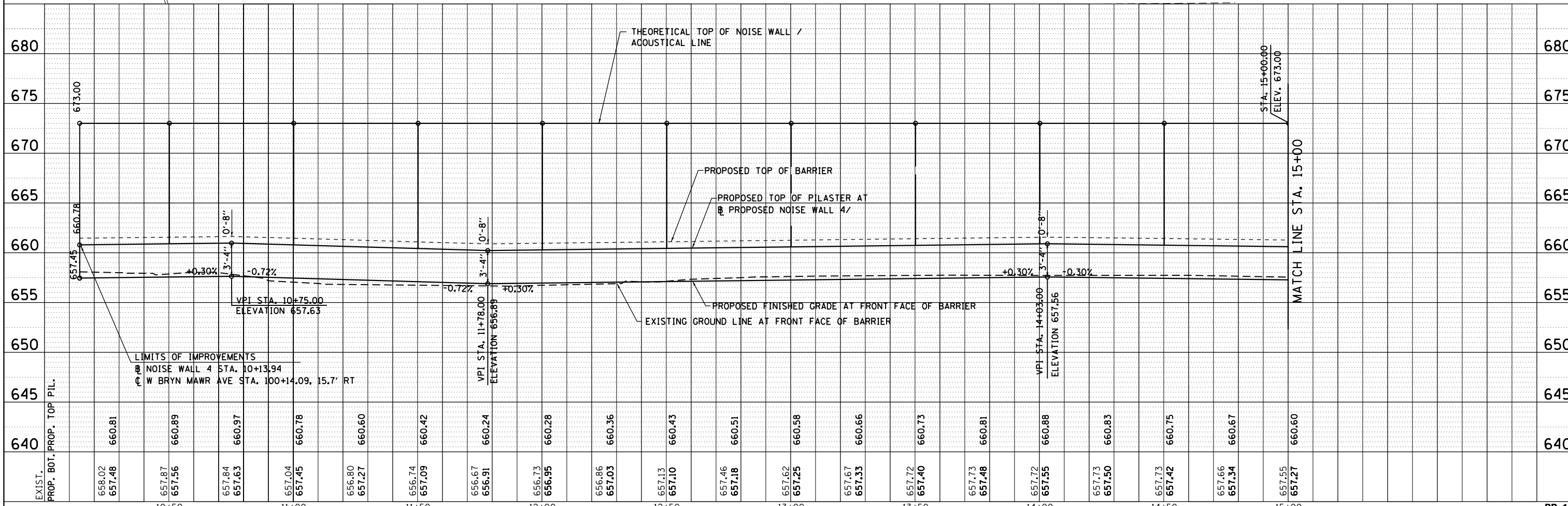
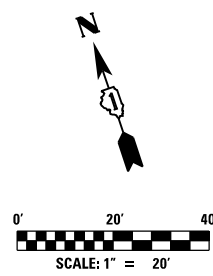
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	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	
	NOTE BOOK NO.	
	CADD FILE NAME	

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

EXIST. BOT
PROP. BOT



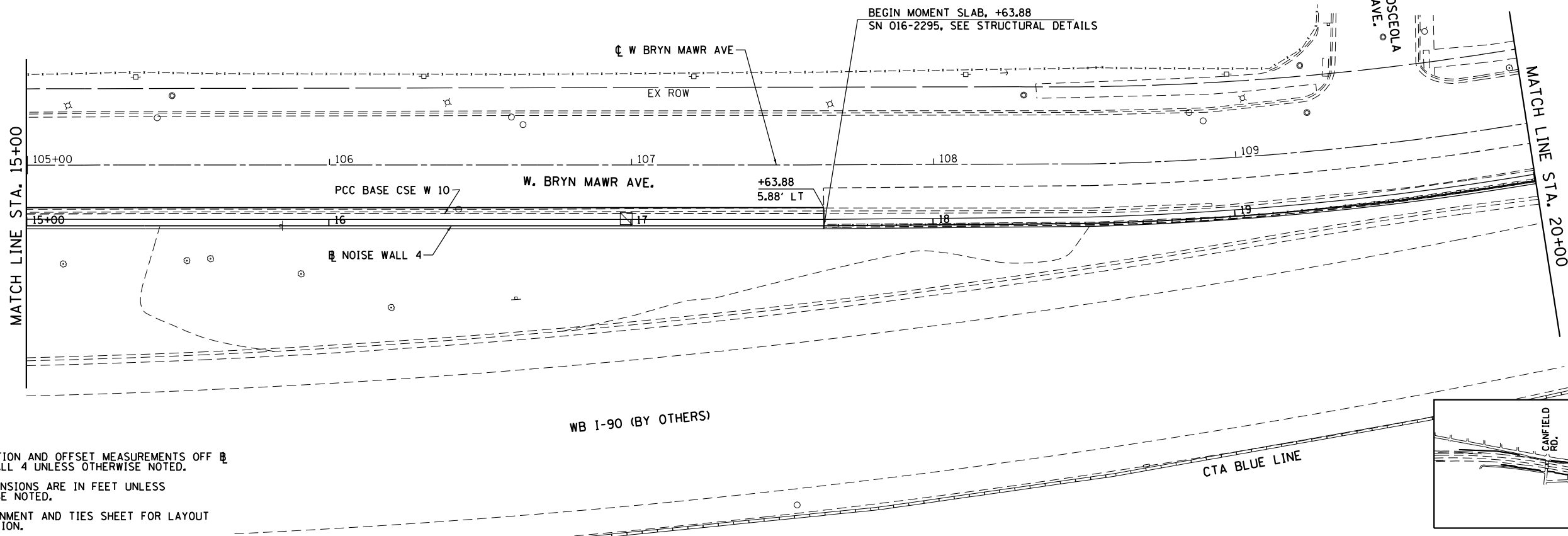
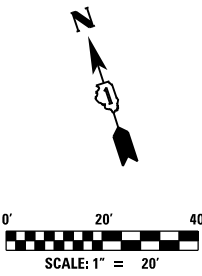
- NOTES:
1. ALL STATION AND OFFSET MEASUREMENTS OFF \bar{R} NOISE WALL 4 UNLESS OTHERWISE NOTED.
 2. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
 3. SEE ALIGNMENT AND TIES SHEET FOR LAYOUT INFORMATION.



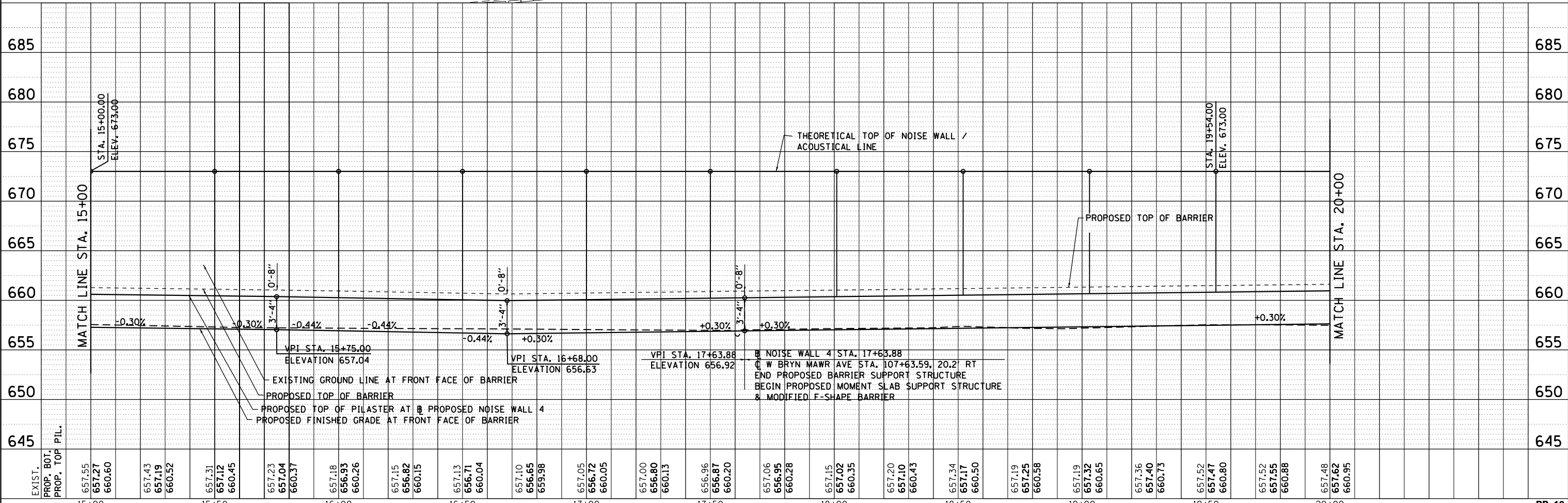
HNTB	USER NAME = mksrby	DESIGNED = MJK	REVISED = -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE. PLAN & PROFILE NOISE WALL 4			F.A.I. RTE. = 90	SECTION = (1517 & 1415) I-14	COUNTY = COOK	TOTAL SHEETS = 353	SHEET NO. = 52	
	PLOT SCALE = 2.0000' / in.	CHECKED = MAM	REVISED = -		SCALE: 1" = 20'	SHEET NO. 17 OF 21 SHEETS	STA. 10+13.94 TO STA. 15+00.00	CONTRACT NO. 60Y40					
	PLOT DATE = 8/15/2017	DATE = 8/21/2017	REVISED = -		ILLINOIS FED. AID PROJECT								
	PP-17												

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

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



- NOTES:**
1. ALL STATION AND OFFSET MEASUREMENTS OF \square NOISE WALL 4 UNLESS OTHERWISE NOTED.
 2. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
 3. SEE ALIGNMENT AND TIES SHEET FOR LAYOUT INFORMATION.



USER NAME = mksrby	DESIGNED = MJK	REVISED = -
PLOT SCALE = 2.0000' / in.	DRAWN = JAB	REVISED = -
PLOT DATE = 8/15/2017	CHECKED = MAM	REVISED = -
	DATE = 8/21/2017	REVISED = -

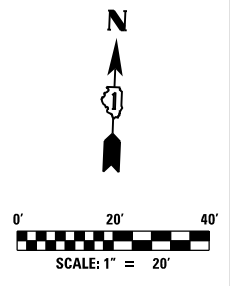
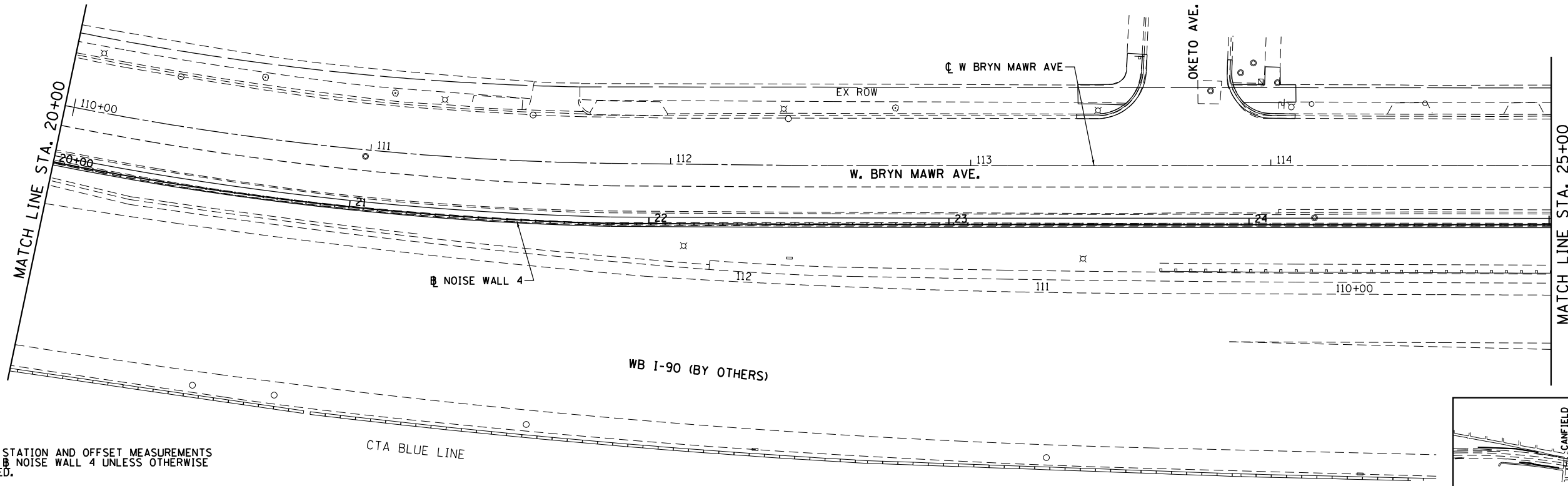
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
PLAN & PROFILE
NOISE WALL 4

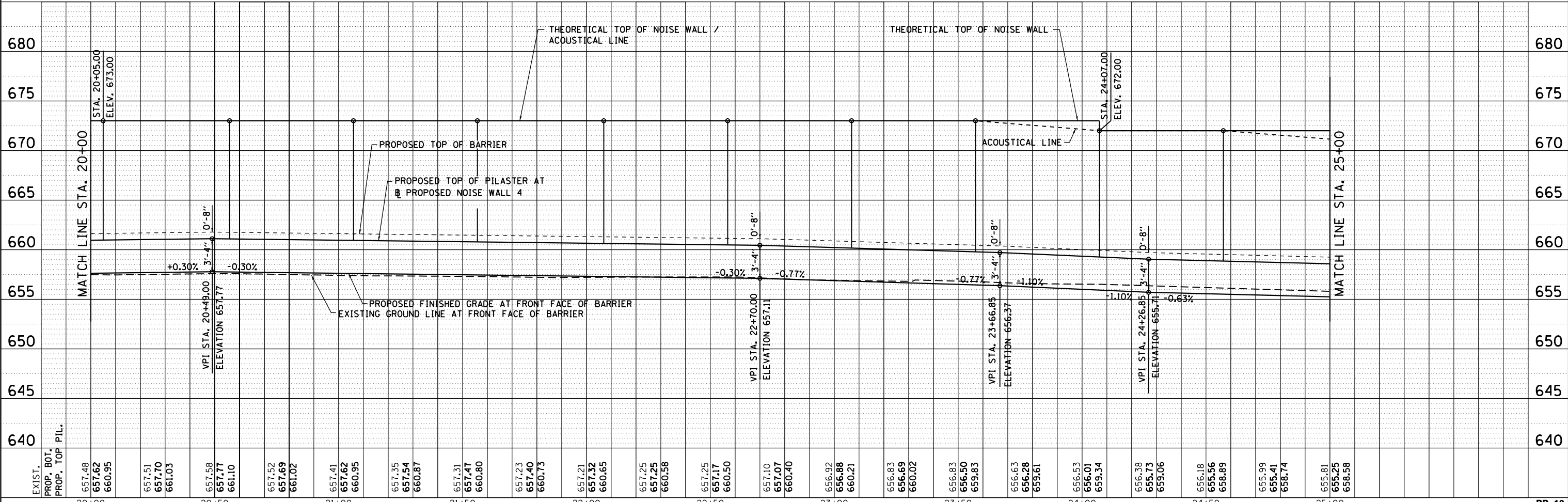
F.A.I. RTE. 90	SECTION (1517 & 1415) I-14	COUNTY COOK	TOTAL SHEETS 353	SHEET NO. 53
CONTRACT NO. 60Y40			ILLINOIS FED. AID PROJECT	

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

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



- NOTES:**
1. ALL STATION AND OFFSET MEASUREMENTS OFF NOISE WALL 4 UNLESS OTHERWISE NOTED.
 2. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
 3. SEE ALIGNMENT AND TIES SHEET FOR LAYOUT INFORMATION.



USER NAME = mksrby	DESIGNED = MJK	REVISED = -
	DRAWN = JAB	REVISED = -
PLOT SCALE = 2,0000' / in.	CHECKED = MAM	REVISED = -
PLOT DATE = 8/15/2017	DATE = 8/21/2017	REVISED = -

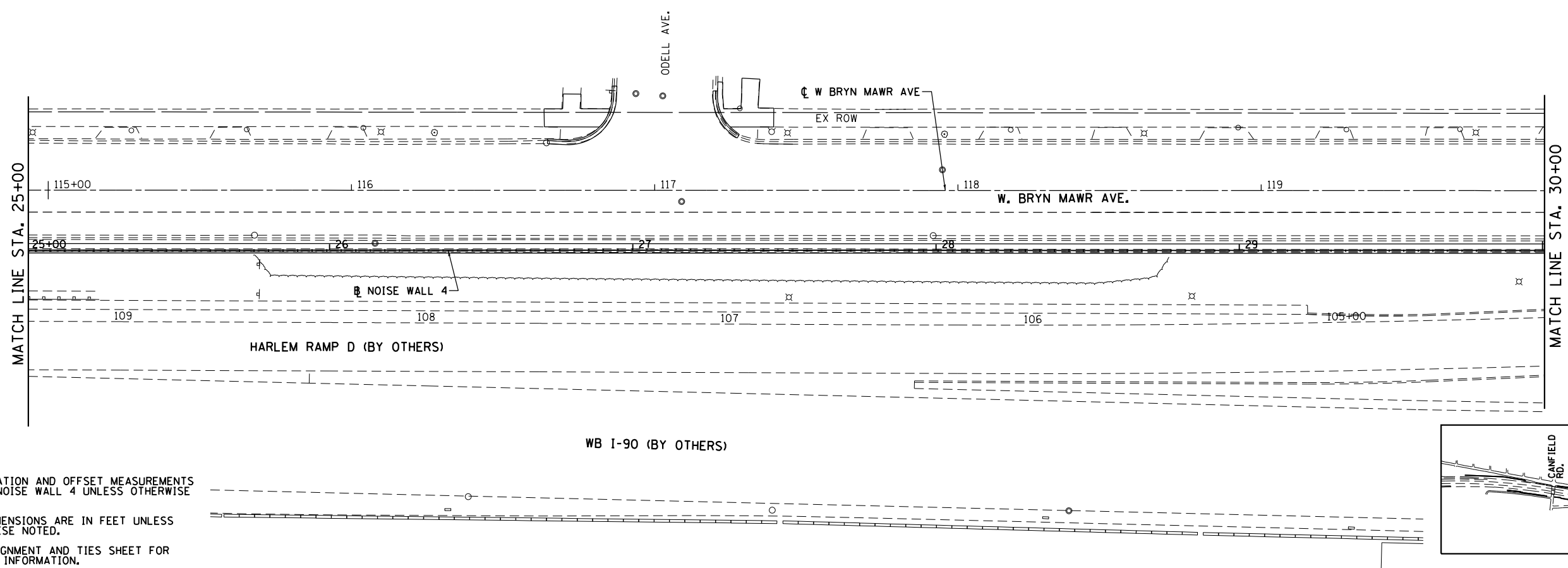
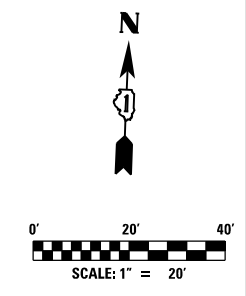
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
PLAN & PROFILE
NOISE WALL 4

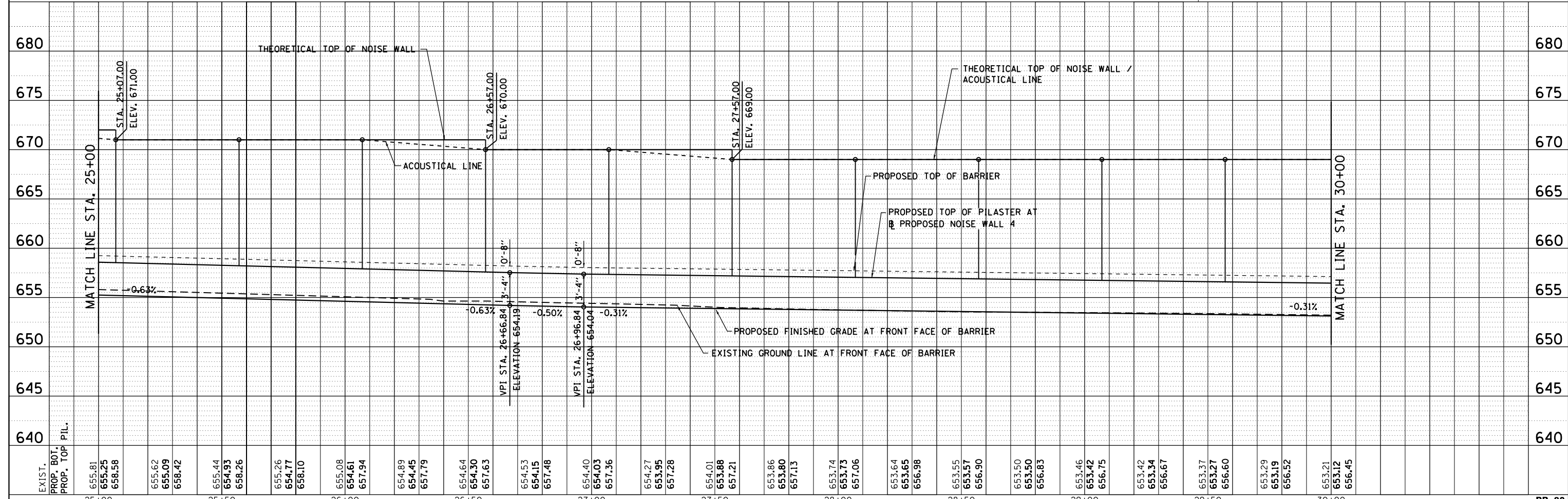
F.A.I. R.T.E. = 90	SECTION = (1517 & 1415) I-14	COUNTY = COOK	TOTAL SHEETS = 353	SHEET NO. = 54
CONTRACT NO. 60Y40				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	AT		
	FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	AT		
	FILE NAME		
	NO.		



- NOTES:**
1. ALL STATION AND OFFSET MEASUREMENTS OFF NOISE WALL 4 UNLESS OTHERWISE NOTED.
 2. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
 3. SEE ALIGNMENT AND TIES SHEET FOR LAYOUT INFORMATION.

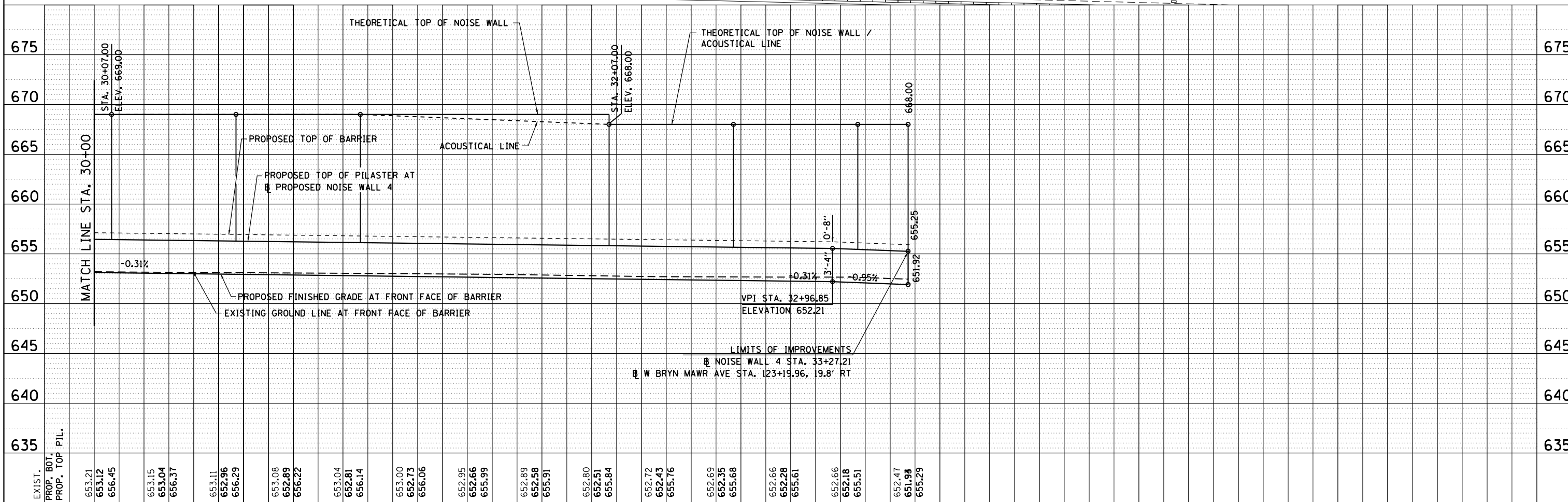
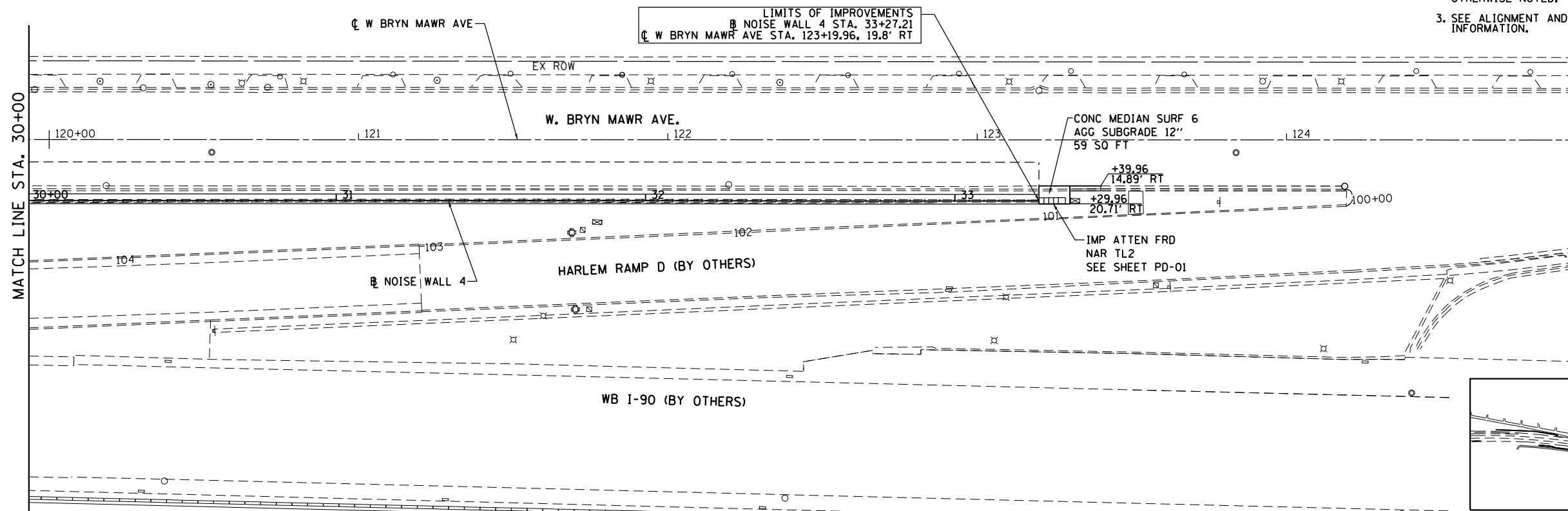
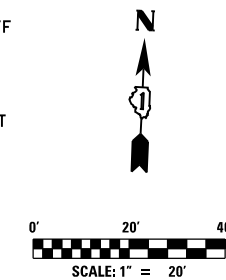


HNTB	USER NAME = mksrby	DESIGNED = MJK	REVISED = -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE. PLAN & PROFILE NOISE WALL 4		F.A.I. R.T.E. = 90	SECTION = (1517 & 1415) I-14	COUNTY = COOK	TOTAL SHEETS = 353	SHEET NO. = 55	
	PLOT SCALE = 2.0000' / in.	CHECKED = MAM	REVISED = -		SCALE: 1" = 20'	SHEET NO. 20 OF 21 SHEETS	STA. 25+00.00 TO STA. 30+00.00	CONTRACT NO. 60Y40		ILLINOIS FED. AID PROJECT		
	PLOT DATE = 8/15/2017	DATE = 8/21/2017	REVISED = -									

PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	AT	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	AT	
	FILE NAME	
	NO.	

- NOTES:
1. ALL STATION AND OFFSET MEASUREMENTS OFF NOISE WALL 4 UNLESS OTHERWISE NOTED.
 2. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
 3. SEE ALIGNMENT AND TIES SHEET FOR LAYOUT INFORMATION.

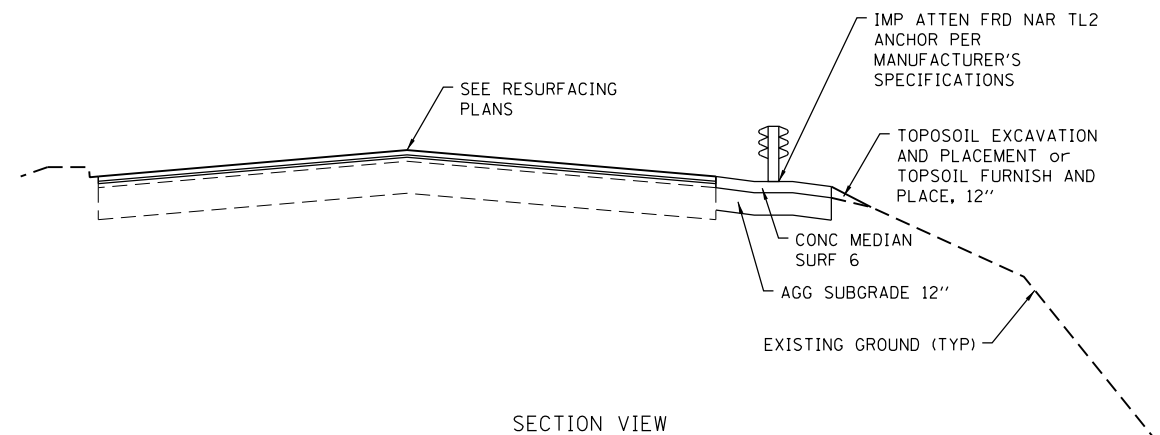
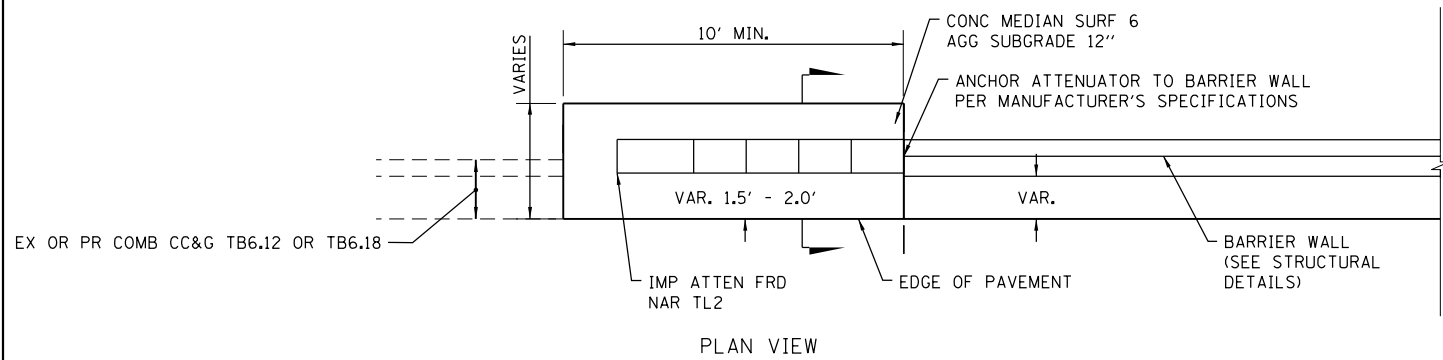


	USER NAME = mksrby	DESIGNED = MJK	REVISED = -
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	PLOT DATE = 8/15/2017	CHECKED = MAM	REVISED = -
		DATE = 8/21/2017	REVISED = -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
PLAN & PROFILE
NOISE WALL 4

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) I-14	COOK	353	56
CONTRACT NO. 60Y40			ILLINOIS FED. AID PROJECT	



IMPACT ATTENUATOR LAYOUT DETAIL
(NOT TO SCALE)

(NOT TO SCALE)



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	DRAWN MJK	REVISED -
PLOT SCALE = 2.0000' / 1\"/>		

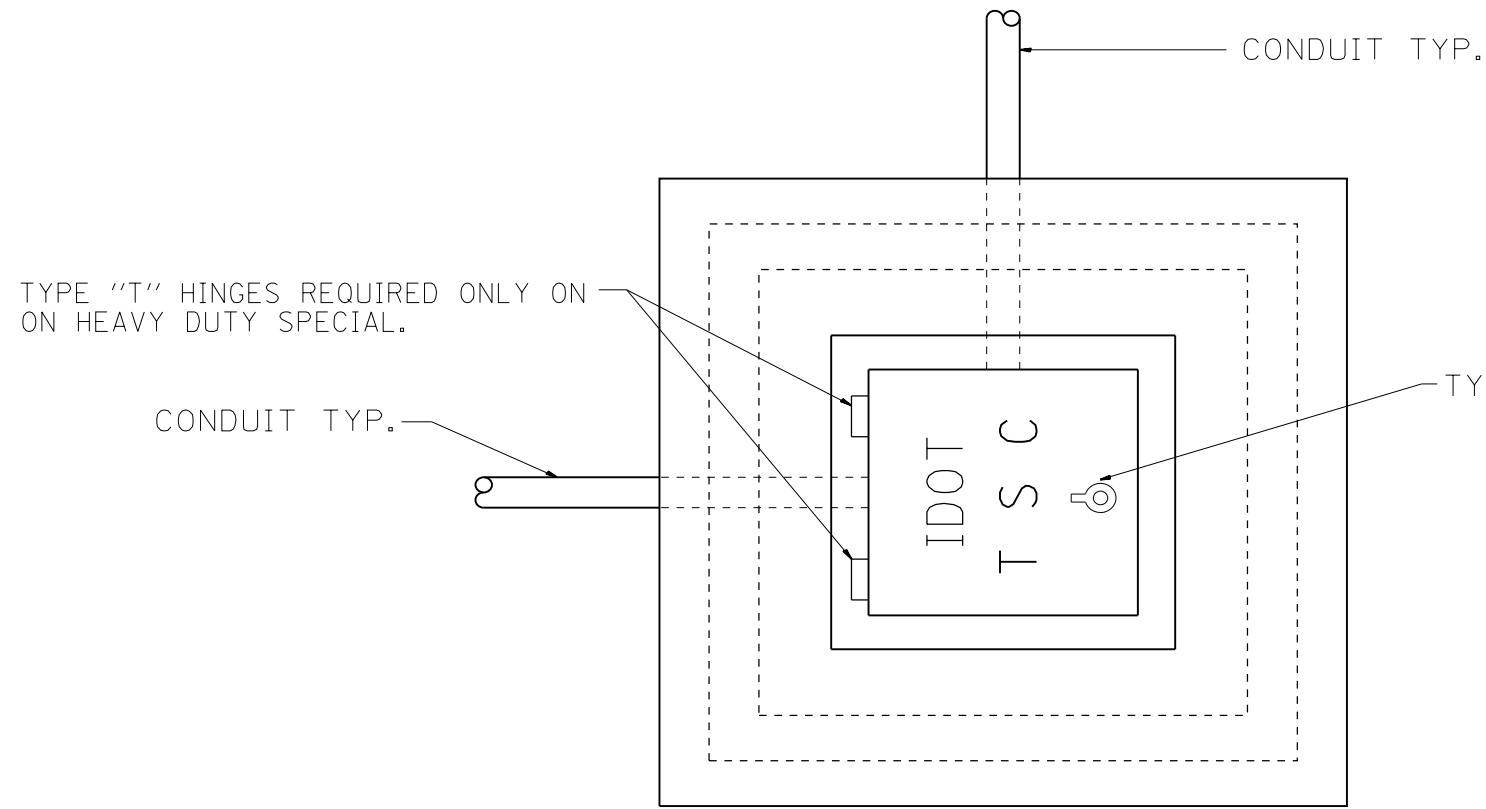
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
ROADWAY DETAILS**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) I-14	COOK	353	57
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y40	

PD-01

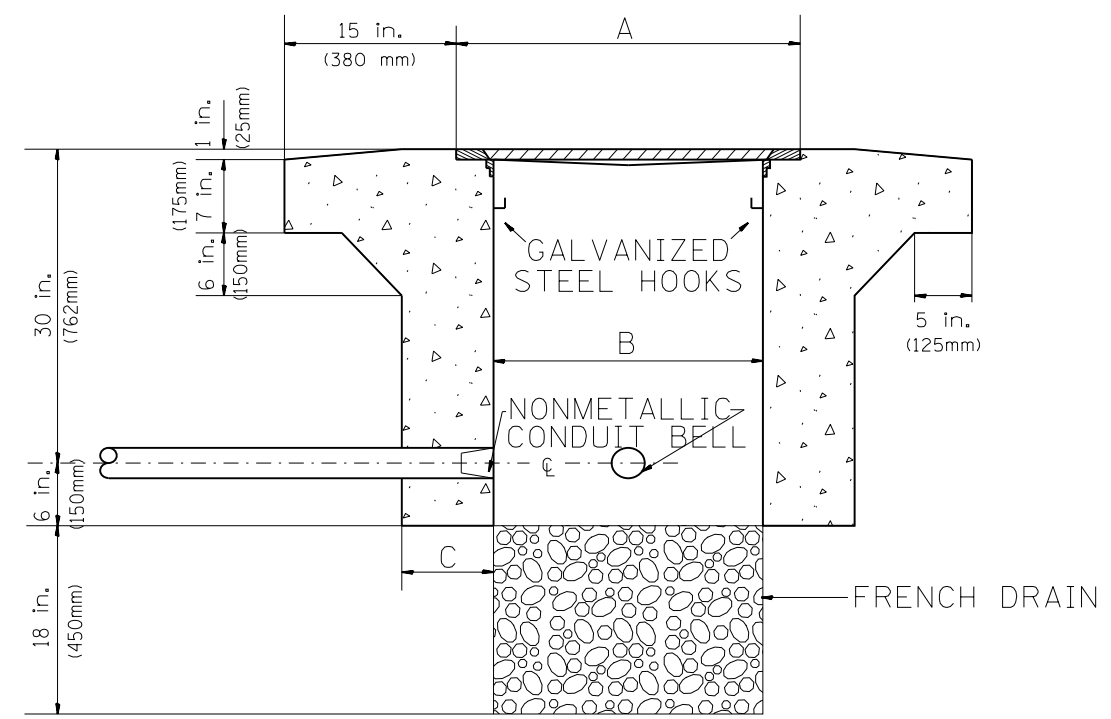


PLAN

HEAVY DUTY HANDHOLE MINIMUM DIMENSIONS (UNHINGED)

A	28" (711 mm)
B	22" (559 mm)
C	8" (200 mm)

(FRAME AND COVER 260 LBS. (118 Kg.) MIN.)



ELEVATION

HEAVY DUTY HANDHOLE SPECIAL MINIMUM DIMENSIONS

A	31.5" (800 mm)
B	30.0" (762 mm)
C	10.0" (250 mm)

(FRAME AND COVER 405 LBS. (184 Kg. (405))

PC CONCRETE - HEAVY DUTY HANDHOLE



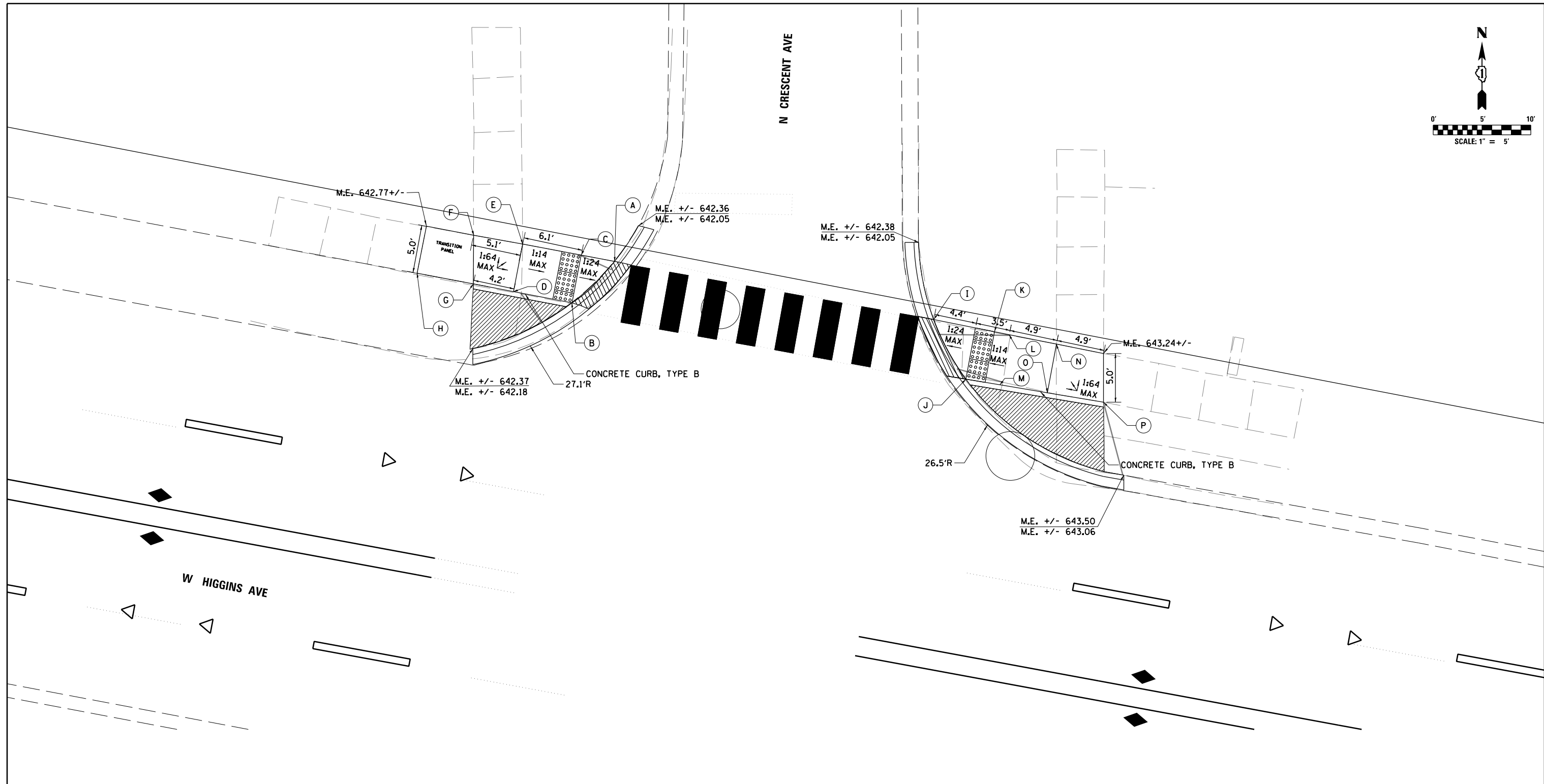
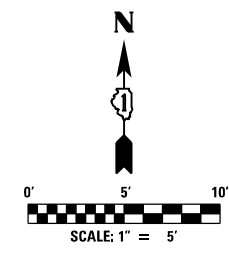
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PLOT DATE = 8/15/2017	DATE 8/21/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER

I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE. PC CONCRETE - HEAVY DUTY HANDHOLE				
SCALE: N.T.S.	SHEET NO.	OF SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) I-14	COOK	353	58
CONTRACT NO. 60Y40				
ILLINOIS FED. AID PROJECT				

FILE NAME = D160Y40-sht-1ts-xdet52.dgn



POINT	STATION	OFFSET	ELEVATION TOP OF WALK	ELEVATION FLOW LINE
A	581+12.58	34.27 R	642.34	NA
B	581+09.06	29.29 R	642.27	NA
C	581+09.09	34.28 R	642.47	NA
D	581+03.07	29.35 R	642.66	NA
E	581+03.01	34.30 R	642.73	NA
F	580+97.89	34.28 R	642.79	NA
G	580+98.77	29.37 R	642.72	NA
H	580+97.90	29.42 R	642.64	NA

LEGEND

PROPOSED LANDSCAPING AREA

DETECTABLE WARNINGS

DEPRESSED CURB

xxx.xx TOP OF CURB ELEVATION
xxx.xx GUTTER FLOW LINE ELEVATION

POINT	STATION	OFFSET	ELEVATION TOP OF WALK	ELEVATION FLOW LINE
I	581+45.81	34.35 R	642.54	NA
J	581+50.16	28.94 R	642.52	NA
K	581+51.21	34.27 R	642.61	NA
L	581+53.70	34.23 R	642.91	NA
M	581+54.65	29.01 R	642.84	NA
N	581+58.63	34.15 R	643.17	NA
O	581+59.55	29.10 R	643.10	NA
P	581+64.46	29.18 R	643.17	NA



USER NAME = mksrby	DESIGNED KH	REVISED - -
PLOT SCALE = 2.0000' / 1"	DRAWN KH	REVISED -
PLOT DATE = 1/19/2018	CHECKED MJK	REVISED -
	DATE 8/21/2017	REVISED -

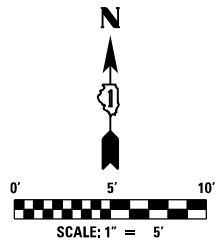
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
HIGGINS AVENUE CURB RAMP LAYOUT
HIGGINS AVE AND FAIRVIEW AVE**

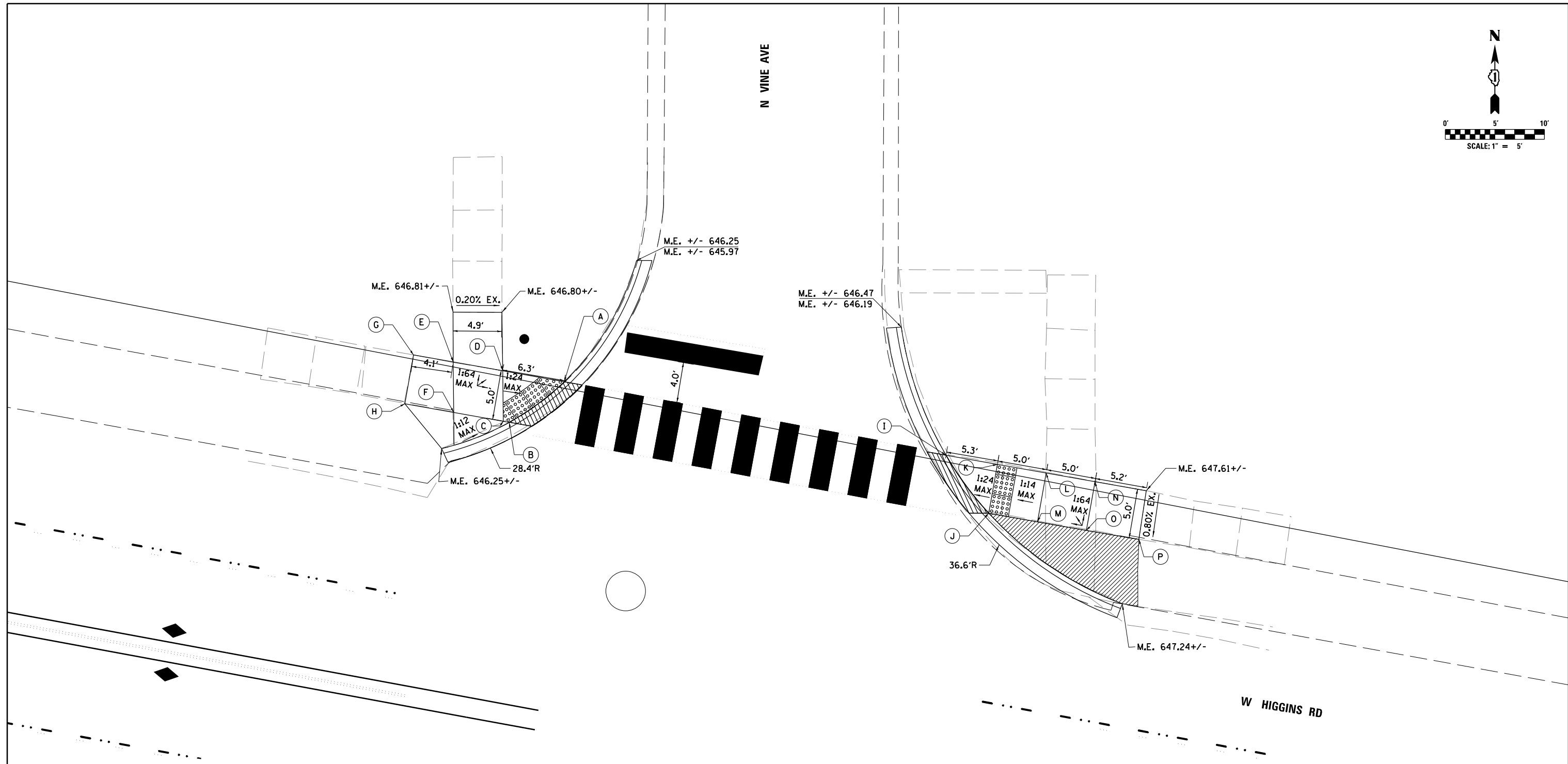
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F.A.I. RTE. 90	SECTION (1517 & 1415) I-14	COUNTY COOK	TOTAL SHEETS 353	SHEET NO. 59
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y40	

ADA-01



N VINE AVE



POINT	STATION	OFFSET	ELEVATION TOP OF WALK	ELEVATION FLOW LINE
A	584+47.71	34.08 R	646.46	NA
B	584+43.00	29.04 R	646.61	NA
C	584+42.40	29.04 R	646.63	NA
D	584+41.41	34.03 R	646.71	NA
E	584+36.33	34.00 R	646.73	NA
F	584+37.21	29.00 R	646.66	NA
G	584+32.27	33.97 R	646.62	NA
H	584+32.30	28.97 R	646.47	NA

LEGEND

PROPOSED LANDSCAPING AREA

DETECTABLE WARNINGS

DEPRESSED CURB

XXX.XX TOP OF CURB ELEVATION
XXX.XX GUTTER FLOW LINE ELEVATION

POINT	STATION	OFFSET	ELEVATION TOP OF WALK	ELEVATION FLOW LINE
I	584+86.94	33.78 L	646.89	NA
J	584+92.24	28.82 L	647.04	NA
K	584+92.20	33.82 L	647.11	NA
L	584+97.20	33.85 L	647.46	NA
M	584+97.23	28.85 L	647.39	NA
N	585+02.20	33.85 L	647.53	NA
O	585+02.23	28.89 L	647.46	NA
P	585+07.61	28.96 L	647.54	NA



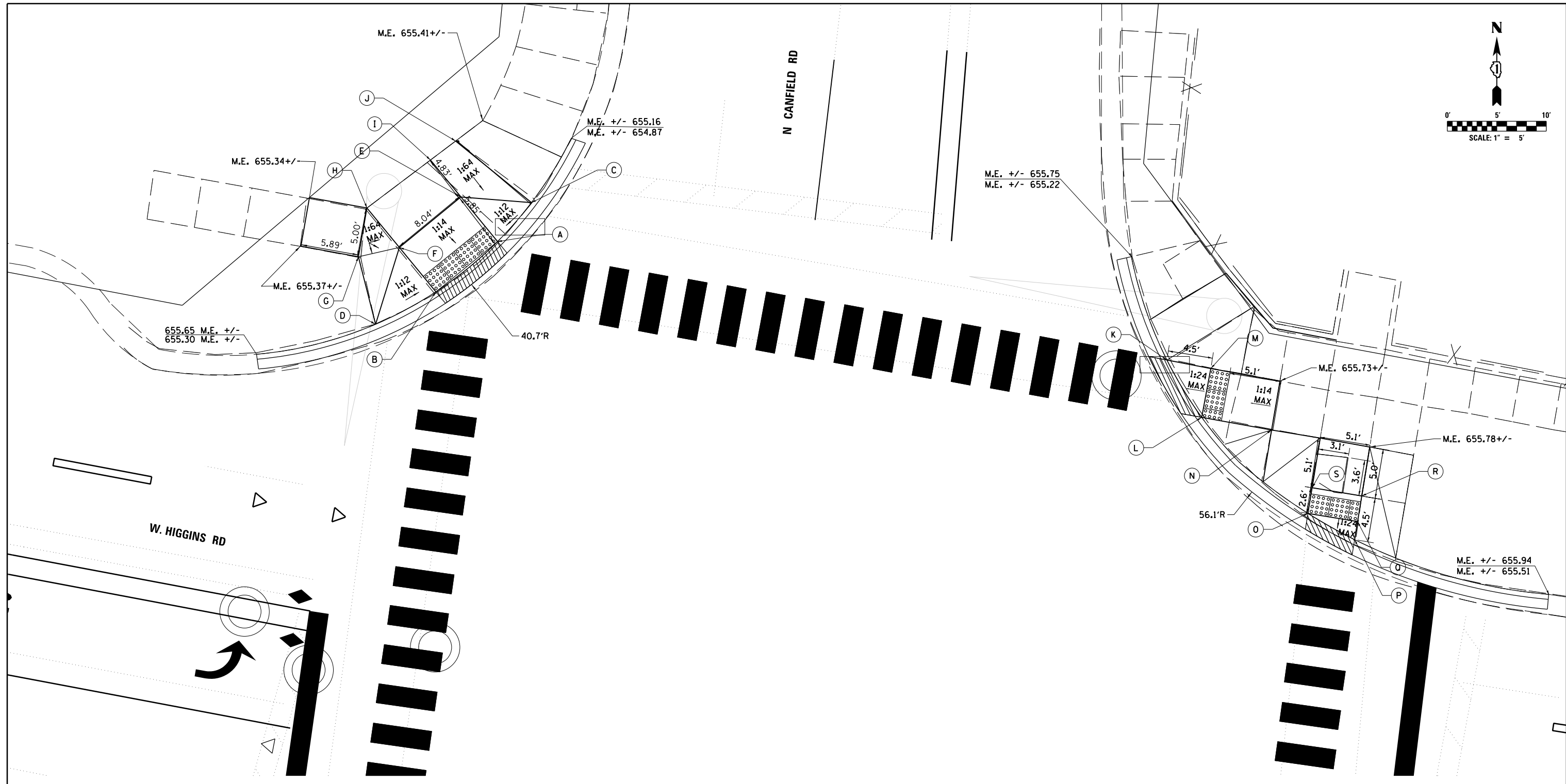
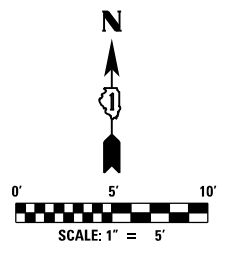
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PLOT DATE = 1/19/2018	DATE 8/21/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
HIGGINS AVENUE CURB RAMP LAYOUT
HIGGINS AVE AND VINE AVE

SCALE: 1" = 5' SHEET NO. 2 OF 18 SHEETS STA. 10+00 TO STA. 14+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) I-14	COOK	353	60
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y40	



POINT	STATION	OFFSET	ELEVATION TOP OF WALK	ELEVATION FLOW LINE
A	600+54.77	42.78 L	655.15	NA
B	600+49.40	36.80 L	655.08	NA
C	600+57.56	47.19 L	655.31	NA
D	600+43.88	32.63 L	655.46	NA
E	600+50.43	46.66 L	655.44	NA
F	600+45.07	40.66 L	655.37	NA
G	600+41.12	39.10 L	655.39	NA
H	600+41.22	44.10 L	655.42	NA
I	600+46.82	49.88 L	655.51	NA
J	600+49.04	52.16 L	655.46	NA

LEGEND

- PROPOSED LANDSCAPING AREA
- DETECTABLE WARNINGS
- DEPRESSED CURB
- XXX.XX TOP OF CURB ELEVATION
- XXX.XX GUTTER FLOW LINE ELEVATION

POINT	STATION	OFFSET	ELEVATION TOP OF WALK	ELEVATION FLOW LINE
K	601+23.42	41.31 L	655.04	NA
L	601+27.79	36.12 L	655.14	NA
M	601+27.93	41.14 L	655.22	NA
N	601+34.95	35.93 L	655.65	NA
O	601+39.86	28.17 L	655.43	NA
P	601+44.94	26.27 L	655.47	NA
Q	601+44.95	28.12 L	655.51	NA
R	601+44.97	30.73 L	655.63	NA
S	601+39.89	30.79 L	655.62	NA



USER NAME = mksrby	DESIGNED KH	REVISED - -
PLOT SCALE = 2.0000' / in.	DRAWN KH	REVISED -
PLOT DATE = 1/19/2018	CHECKED MJK	REVISED -
	DATE 8/21/2017	REVISED -

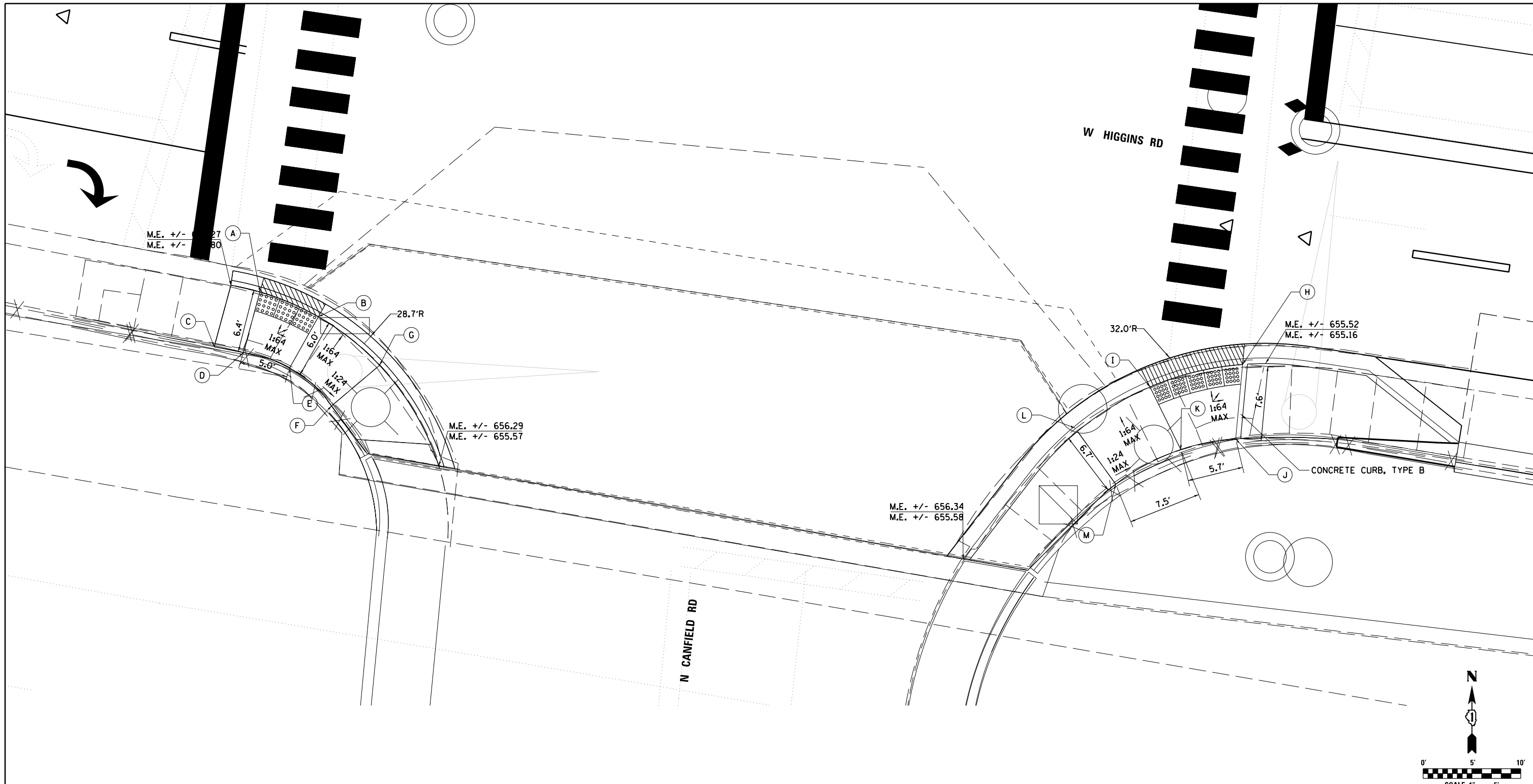
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
HIGGINS AVENUE CURB RAMP LAYOUT
HIGGINS AVE AND CANFIELD RD**

SCALE: 1" = 5' SHEET NO. 3 OF 18 SHEETS STA. 10+00 TO STA. 14+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) I-14	COOK	353	61
CONTRACT NO. 60Y40				
ILLINOIS FED. AID PROJECT				

ADA-03



POINT	STATION	OFFSET	ELEVATION TOP OF WALK	ELEVATION FLOW LINE
A	600+49.92	44.39 R	655.26	NA
B	600+56.20	45.99 R	655.51	NA
C	600+46.16	50.65 R	655.29	NA
D	600+49.20	50.78 R	655.36	NA
E	600+54.12	51.63 R	655.60	NA
F	600+58.96	54.80 R	656.00	NA
G	600+63.19	49.94 R	655.92	NA

LEGEND

- PROPOSED LANDSCAPING AREA
- DETECTABLE WARNINGS
- DEPRESSED CURB
- XXX.XX TOP OF CURB ELEVATION
- XXX.XX GUTTER FLOW LINE ELEVATION

POINT	STATION	OFFSET	ELEVATION TOP OF WALK	ELEVATION FLOW LINE
H	601+51.57	36.38 R	655.40	NA
I	601+51.06	43.98 R	655.47	NA
J	601+41.43	39.87 R	655.51	NA
K	601+45.63	45.89 R	655.56	NA
L	601+34.62	45.37 R	655.58	NA
M	601+34.62	45.37 R	655.93	NA



USER NAME = mksrby	DESIGNED KH	REVISED - -
PLOT SCALE = 2.0000' / 1"	DRAWN KH	REVISED -
PLOT DATE = 1/19/2018	CHECKED MJK	REVISED -
	DATE 8/21/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

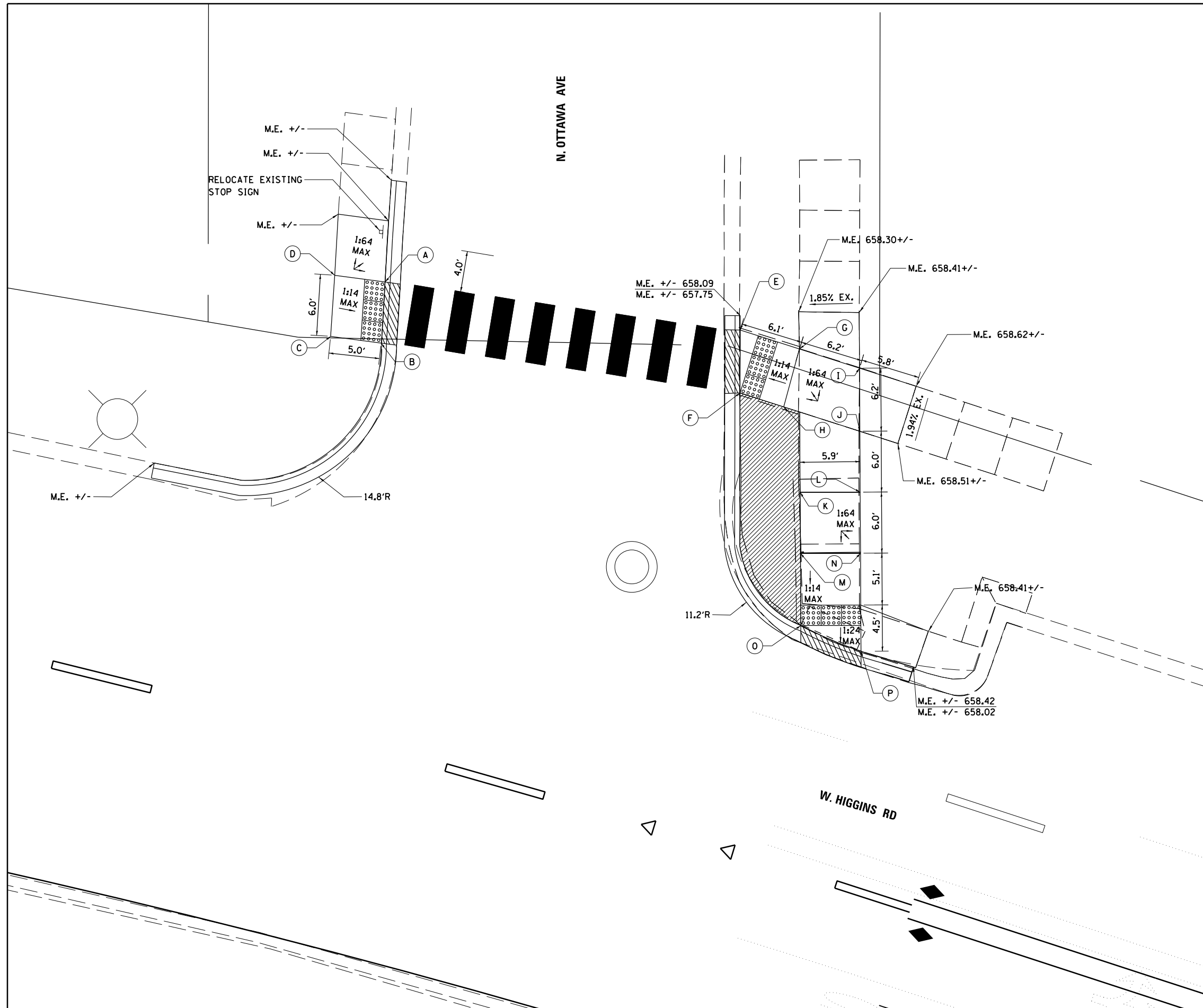
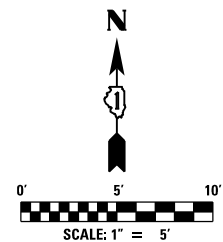
**I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
HIGGINS AVENUE CURB RAMP LAYOUT
HIGGINS AVE AND CANFIELD RD**

SCALE: 1" = 5' SHEET NO. 4 OF 18 SHEETS STA. 10+00 TO STA. 14+00

F.A.I. RTE. 90	SECTION (1517 & 1415) I-14	COUNTY COOK	TOTAL SHEETS 353	SHEET NO. 62
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y40	

ADA-04

FILE NAME = D160Y40-sht-ADA-Crv4.dgn



NOTES:
 1. CONTRACTOR TO FIELD VERIFY ELEVATIONS AND RAMP DESIGN FOR ADA COMPLIANCE.

- LEGEND**
- PROPOSED LANDSCAPING AREA
 - DETECTABLE WARNINGS
 - DEPRESSED CURB
 - XXX.XX TOP OF CURB ELEVATION
 - XXX.XX GUTTER FLOW LINE ELEVATION

POINT	STATION	OFFSET	ELEVATION TOP OF WALK	ELEVATION FLOW LINE
E	615+51.45	49.34 L	658.01	NA
F	615+53.13	43.40 L	658.03	NA
G	615+57.30	49.22 L	658.44	NA
H	615+57.46	43.32 L	658.35	NA
I	615+63.25	49.13 L	658.53	NA
J	615+65.03	43.21 L	658.47	NA
K	615+61.31	35.77 L	658.41	NA
L	615+66.77	37.50 L	658.38	NA
M	615+63.04	30.04 L	658.32	NA
N	615+68.53	31.78 L	658.29	NA
O	615+65.11	23.26 L	658.16	NA
P	615+70.63	25.01 L	658.12	NA



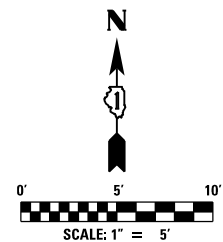
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

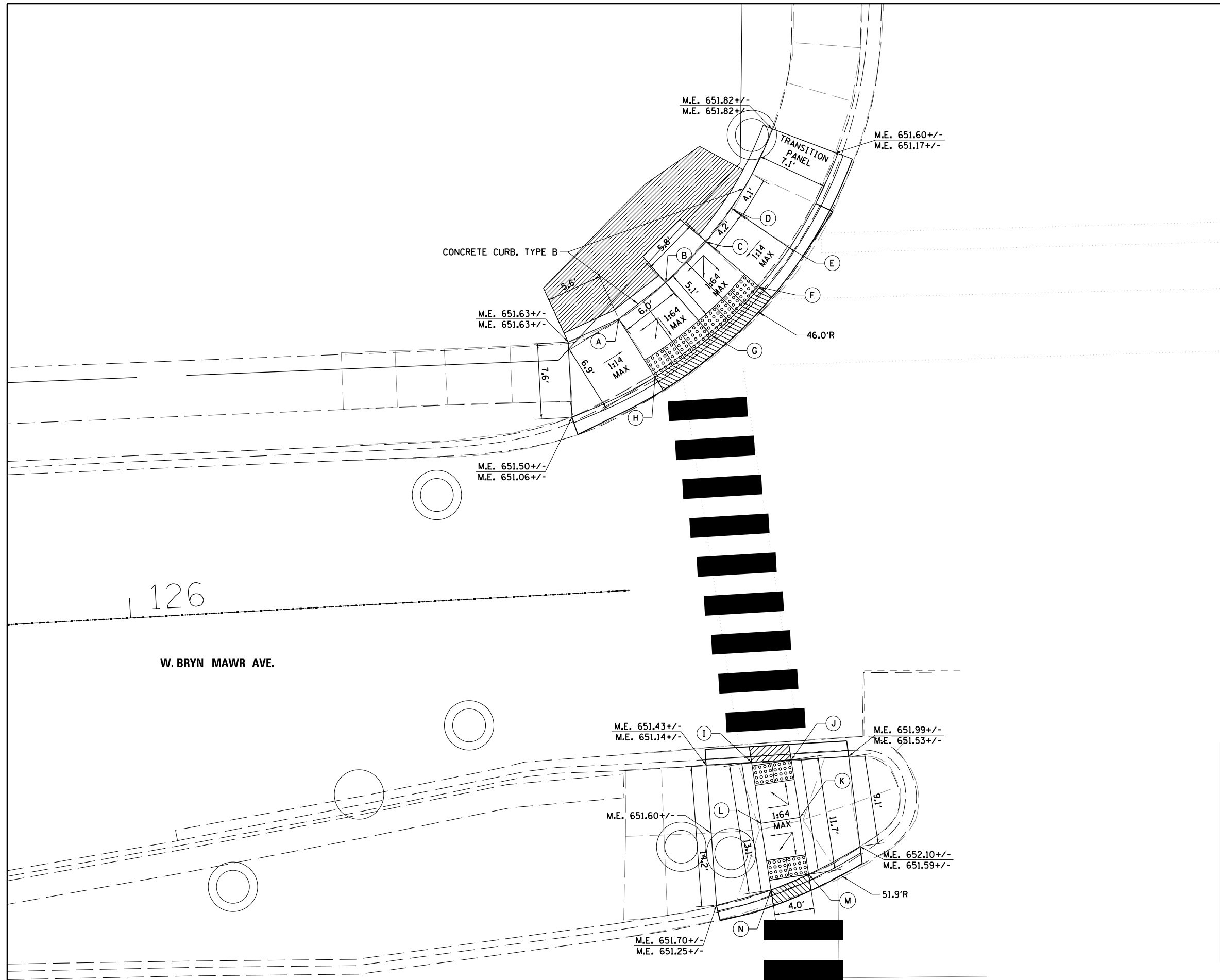
**I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
 W HIGGINS RD & OTTAWA AVE CURB RAMP LAYOUT**




F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) I-14	COOK	353	63
CONTRACT NO. 60Y40				
ILLINOIS FED. AID PROJECT				

SCALE: 1" = 20' SHEET NO. 5 OF 18 SHEETS STA. 571+00 TO STA. 592+00



HARLEM AVE.



- LEGEND**
-  PROPOSED LANDSCAPING AREA
 -  DETECTABLE WARNINGS
 -  DEPRESSED CURB
 - XXX.XX TOP OF CURB ELEVATION
 - XXX.XX GUTTER FLOW LINE ELEVATION

POINT	STATION	OFFSET	ELEVATION TOP OF WALK	ELEVATION FLOW LINE
A	3120+39.99	179.71 L	651.71	651.31
B	3120+44.79	183.29 L	651.81	651.34
C	3120+48.93	187.33 L	651.86	651.37
D	3120+51.56	190.68 L	651.90	651.65
E	3120+57.37	186.57 L	651.52	651.27
F	3120+54.30	182.67 L	651.31	651.28
G	3120+49.35	177.86 L	651.29	651.26
H	3120+43.55	173.78 L	654.21	654.18
I	3120+52.63	134.66 L	651.33	651.29
J	3120+56.64	134.84 L	651.35	651.32
K	3120+57.42	129.01 L	651.44	NA
L	3120+53.46	128.48 L	651.42	NA
M	3120+58.20	123.24 L	651.35	651.32
N	3120+54.37	121.71 L	651.31	651.29



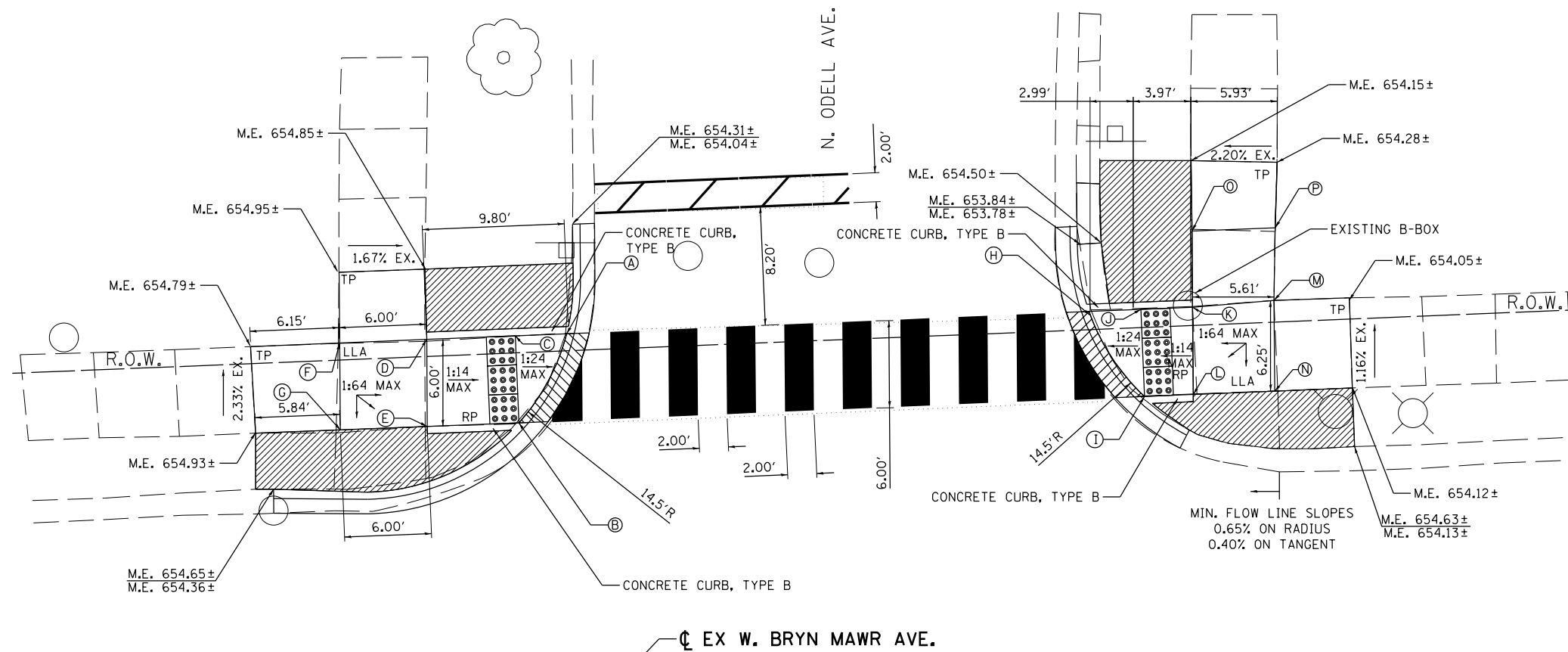
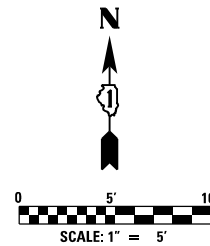
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	DATE 8/21/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
BRYN MAWR AVENUE & HARLEM AVENUE CURB RAMP LAYOUT

SCALE: 1" = 20' SHEET NO. 6 OF 18 SHEETS STA. 571+00 TO STA. 592+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) I-14	COOK	353	64
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y40	



POINT	STATION	OFFSET	ELEVATION TOP OF WALK	ELEVATION FLOW LINE
A	116+85.27	26.88 LT	654.34	654.31
B	116+81.73	20.88 LT	654.43	654.40
C	116+81.74	26.88 LT	654.49	NA
D	116+75.62	26.89 LT	654.75	NA
E	116+75.40	20.90 LT	654.80	NA
F	116+69.62	26.89 LT	654.82	NA
G	116+69.42	20.91 LT	654.87	NA
H	117+21.30	26.93 LT	653.96	653.93
I	117+24.88	20.92 LT	654.05	654.02
J	117+24.88	26.92 LT	653.98	NA
K	117+28.45	26.92 LT	654.01	NA
L	117+28.24	20.92 LT	654.09	NA
M	117+34.07	27.16 LT	654.09	NA
N	117+33.86	20.92 LT	654.14	NA
O	117+28.62	32.17 LT	654.11	NA
P	117+34.36	32.16 LT	654.20	NA

LEGEND

- PROPOSED LANDSCAPING AREA
- DETECTABLE WARNINGS
- DEPRESSED CURB
- XXX.XX TOP OF CURB ELEVATION
- XXX.XX GUTTER FLOW LINE ELEVATION



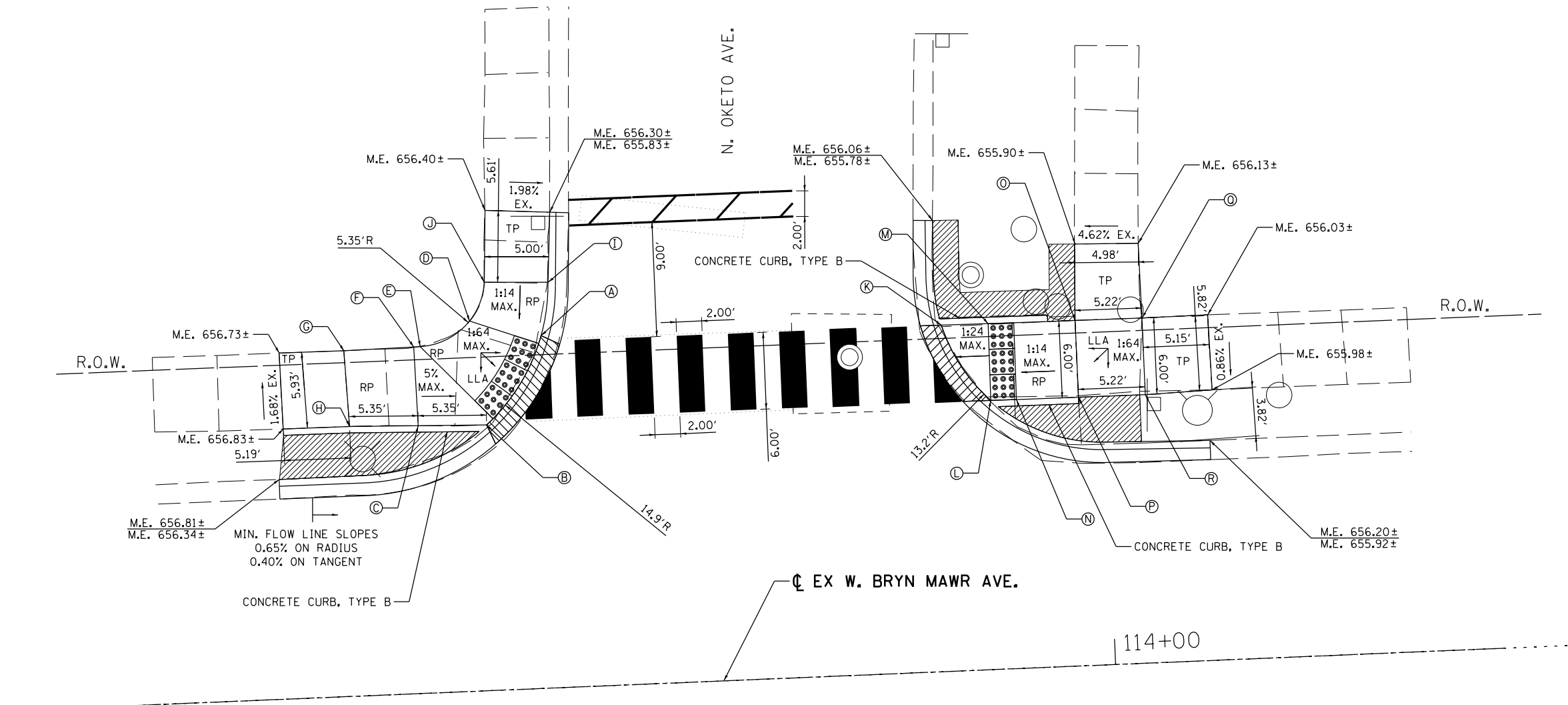
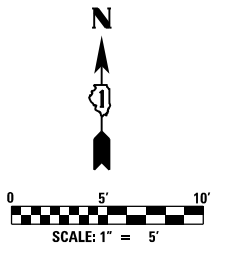
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PLOT DATE = 06/28/2017	CHECKED	REVISED -
	DATE	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE
N ODELL AVE CURB RAMP LAYOUT
W BRYN MAWR AND ODELL AVE**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-2	COOK	353	65
CONTRACT NO. 60Y40				
ILLINOIS FED. AID PROJECT				



MIN. FLOW LINE SLOPES
0.65% ON RADIUS
0.40% ON TANGENT

POINT	STATION	OFFSET	ELEVATION TOP OF WALK	ELEVATION FLOW LINE
A	113+56.21	27.54 LT	655.99	655.96
B	113+51.66	20.75 LT	656.10	656.07
C	113+46.31	20.91 LT	656.18	NA
D	113+50.67	28.91 LT	656.07	NA
E	113+46.72	27.08 LT	656.23	NA
F	113+46.23	27.07 LT	656.25	NA
G	113+40.76	27.00 LT	656.50	NA
H	113+40.96	21.08 LT	656.50	NA
I	113+56.94	31.68 LT	656.06	655.90
J	113+51.95	31.89 LT	656.13	NA
K	113+87.50	27.05 LT	655.91	655.88
L	113+91.11	21.02 LT	656.03	656.00
M	113+91.16	27.02 LT	655.97	NA
N	113+93.11	21.00 LT	656.05	NA
O	113+97.96	26.99 LT	656.04	NA
P	113+97.97	20.98 LT	656.10	NA
Q	114+03.18	26.96 LT	656.07	NA
R	114+03.19	20.96 LT	656.15	NA

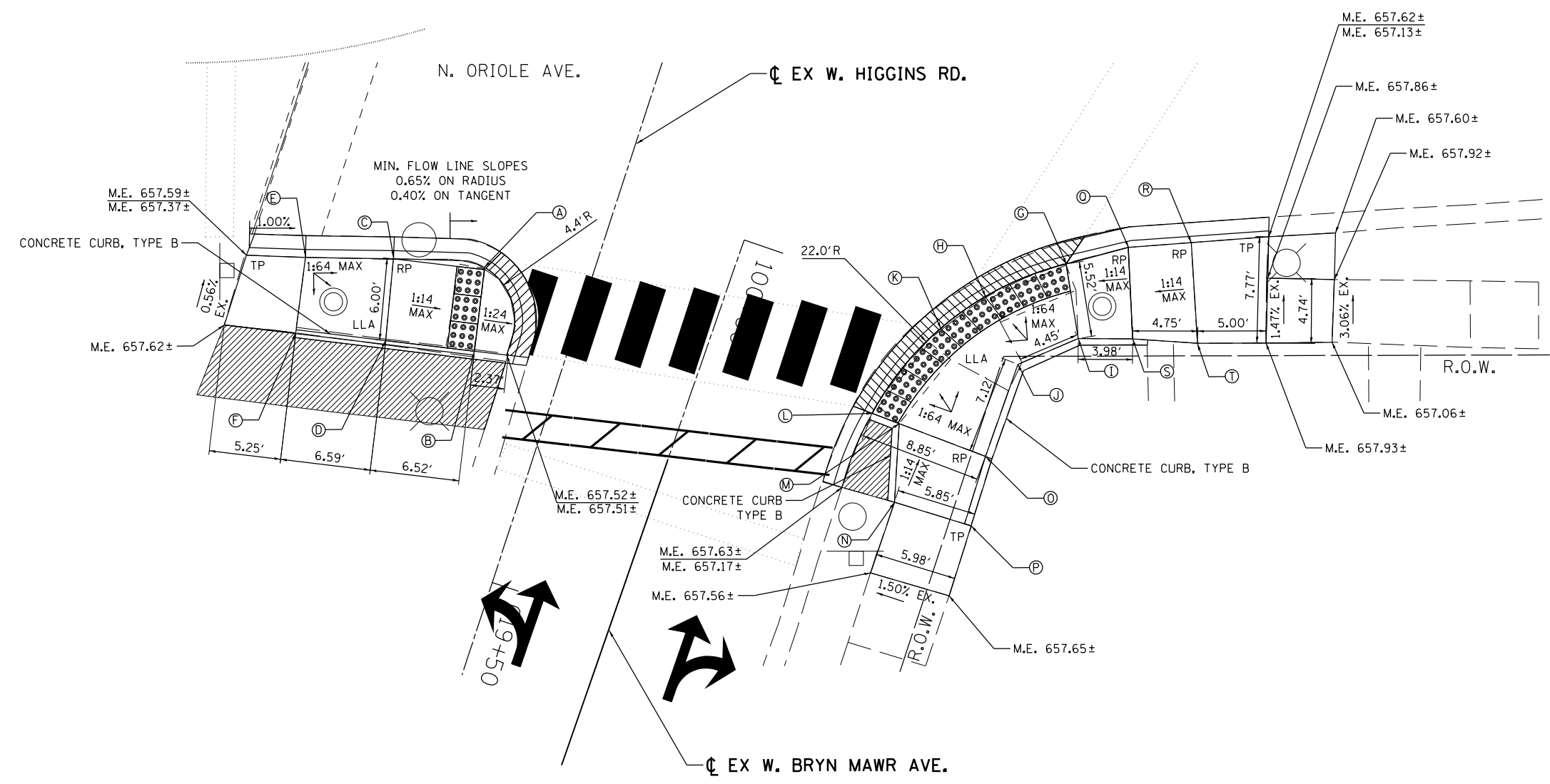
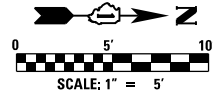
LEGEND

PROPOSED LANDSCAPING AREA

DETECTABLE WARNINGS

DEPRESSED CURB

XXX.XX TOP OF CURB ELEVATION
XXX.XX GUTTER FLOW LINE ELEVATION



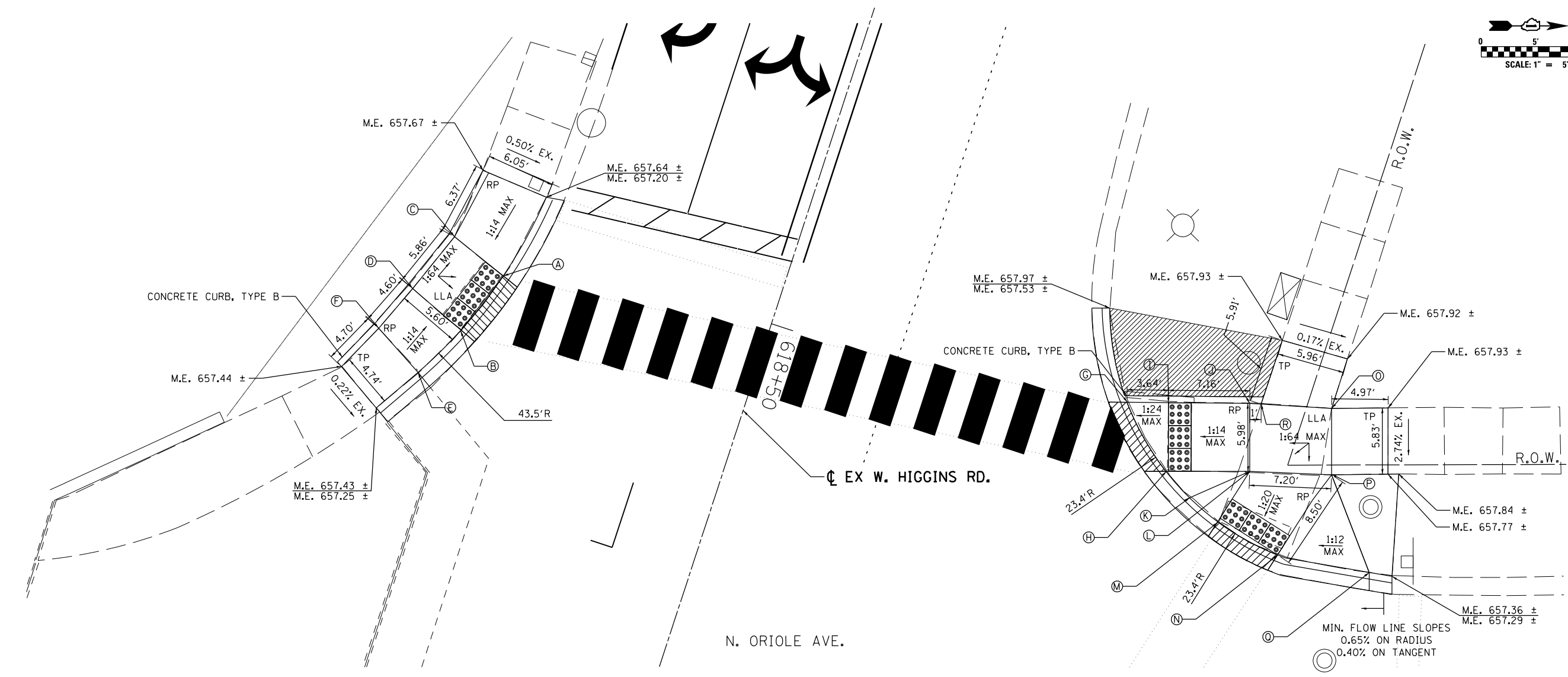
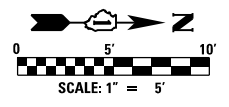
POINT	STATION	OFFSET	ELEVATION TOP OF WALK	ELEVATION FLOW LINE
A	619+28.29	7.70 RT	657.48	657.45
B	619+34.34	6.48 RT	657.55	NA
C	619+29.76	14.20 RT	657.63	657.26
D	619+35.61	12.88 RT	657.68	NA
E	619+31.66	20.34 RT	657.68	657.33
F	619+37.13	19.29 RT	657.75	NA
G	619+14.88	32.60 LT	657.25	657.21
H	619+18.98	27.72 LT	657.28	657.25
I	619+19.78	35.13 LT	657.33	NA
J	619+22.93	31.53 LT	657.35	NA
K	619+22.20	25.35 LT	657.31	657.28
L	619+29.64	22.53 LT	657.37	657.34
M	619+29.74	24.64 LT	657.38	NA
N	619+35.30	26.10 LT	657.47	NA
O	619+30.06	31.38 LT	657.41	NA
P	619+35.21	31.94 LT	657.56	NA
Q	619+12.32	36.54 LT	657.48	657.19
R	619+10.55	40.80 LT	657.72	657.17
S	619+18.57	38.92 LT	657.57	NA
T	619+17.40	45.53 LT	657.82	NA

LEGEND

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

Rubinos & Mesia Engineers, Inc. <small>200 S. Michigan Avenue, Suite 1500, Chicago, IL 60604-2482</small>	USER NAME = PHaevig	DESIGNED	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90 WESTBOUND FROM HARLEM AVE TO I-190 INTERCHANGE N ORIOLE AVE CURB RAMP LAYOUT W BRYN MAWR AND N ORIOLE AVE			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 10.0000' / in.	CHECKED	REVISED -		90	(1517 & 1415) R-2	COOK	353	67			
PLOT DATE = 06/28/2017	DATE	REVISED -		SCALE: 1" = 5'	SHEET NO. 3 OF SHEETS	STA. TO STA.	CONTRACT NO. 60Y40					
ILLINOIS FED. AID PROJECT												

FILE NAME = P:\Rm074212\Design\Dwg\Civil\ADA\Sheet File\0160Y40-ADA3.dgn



POINT	STATION	OFFSET	ELEVATION TOP OF WALK	ELEVATION FLOW LINE
A	618+53.32	23.71 RT	657.24	657.21
B	618+59.00	25.77 RT	657.26	657.23
C	618+51.38	28.85 RT	657.29	NA
D	618+56.86	30.94 RT	657.31	NA
E	618+63.71	28.21 RT	657.31	657.24
F	618+61.11	32.69 RT	657.39	NA
G	618+46.86	31.86 LT	657.52	657.49
H	618+51.57	37.00 LT	657.45	657.42
I	618+45.76	35.33 LT	657.53	NA
J	618+43.60	42.15 LT	657.62	NA
K	618+53.13	39.70 LT	657.63	657.39
L	618+49.28	44.01 LT	657.56	NA
M	618+54.36	42.70 LT	657.40	657.37
N	618+55.50	48.60 LT	657.36	657.33
O	618+41.79	49.13 LT	657.69	NA
P	618+47.34	50.94 LT	657.63	NA
Q	618+54.46	56.74 LT	657.46	657.30
R	618+43.35	43.11 LT	657.63	NA

LEGEND

- PROPOSED LANDSCAPING AREA
- DETECTABLE WARNINGS
- DEPRESSED CURB

XXX.XX TOP OF CURB ELEVATION
 XXX.XX GUTTER FLOW LINE ELEVATION



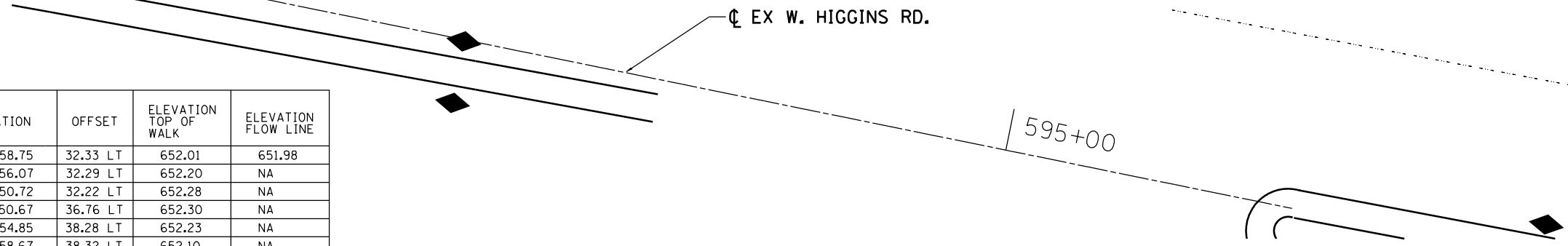
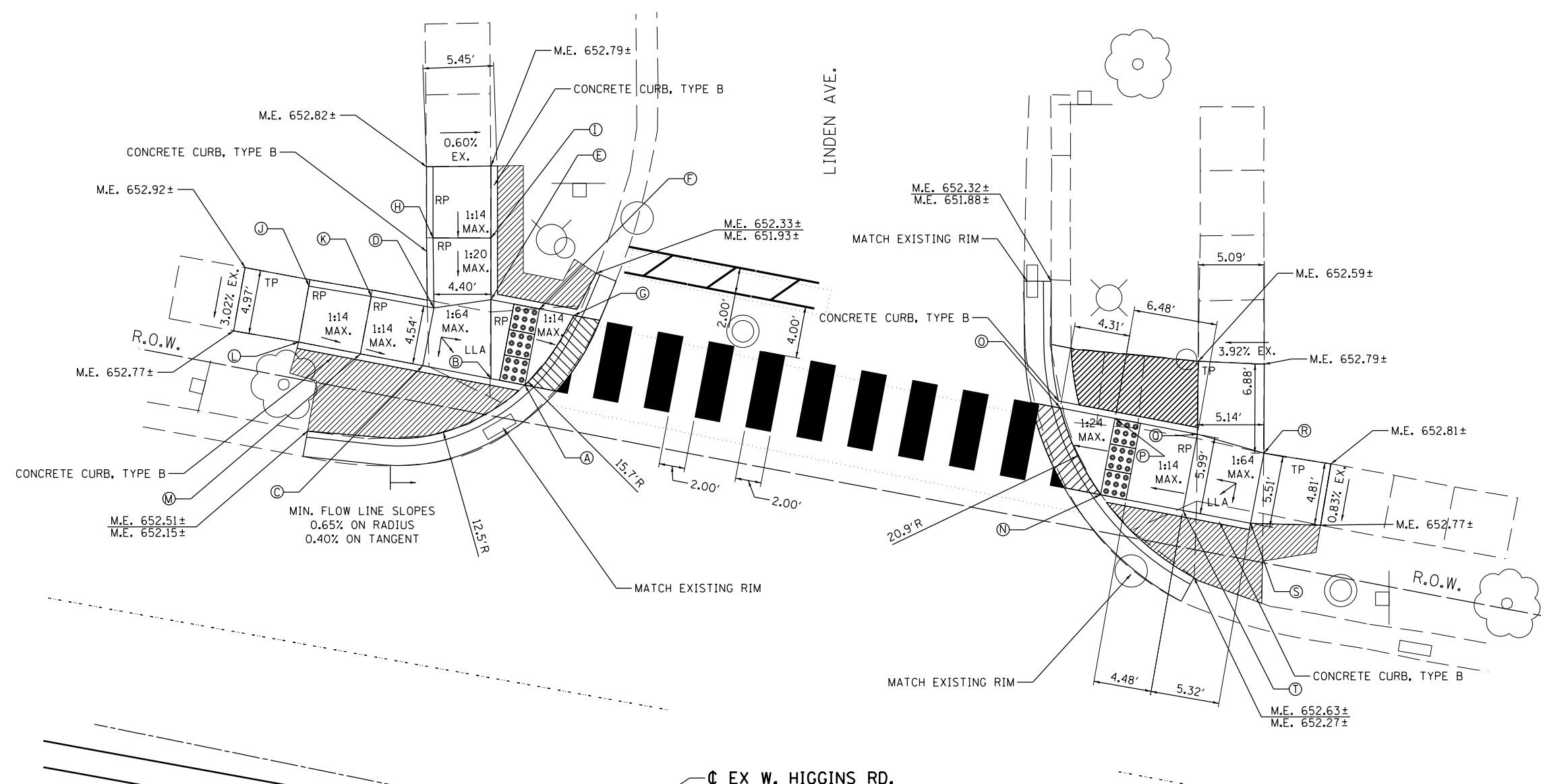
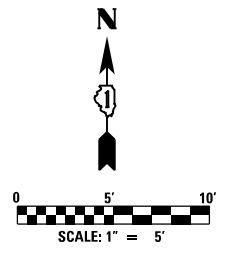
USER NAME = PHaevig	DESIGNED	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN	REVISED -
PLOT DATE = 06/28/2017	CHECKED	REVISED -
	DATE	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 WESTBOUND FROM N HARLEM AVE TO S FAIRVIEW AVE
N ORIOLE AVE CURB RAMP LAYOUT
W HIGGINS RD AND N ORIOLE AVE**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-2	COOK	353	68
CONTRACT NO. 60Y40				
ILLINOIS FED. AID PROJECT				



POINT	STATION	OFFSET	ELEVATION TOP OF WALK	ELEVATION FLOW LINE
A	594+58.75	32.33 LT	652.01	651.98
B	594+56.07	32.29 LT	652.20	NA
C	594+50.72	32.22 LT	652.28	NA
D	594+50.67	36.76 LT	652.30	NA
E	594+54.85	38.28 LT	652.23	NA
F	594+58.67	38.32 LT	652.10	NA
G	594+61.38	38.36 LT	652.05	652.03
H	594+49.52	42.05 LT	652.55	NA
I	594+53.91	42.94 LT	652.47	NA
J	594+40.87	36.49 LT	652.79	NA
K	594+45.75	36.67 LT	652.65	NA
L	594+40.96	32.10 LT	652.71	NA
M	594+45.82	32.14 LT	652.63	NA
N	595+04.01	32.90 LT	652.28	652.25
O	594+99.63	38.85 LT	652.16	652.13
P	595+03.93	38.90 LT	652.70	NA
R	595+15.74	38.57 LT	652.78	NA
S	595+15.81	33.05 LT	652.69	NA
T	595+10.49	32.99 LT	652.65	NA

LEGEND

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

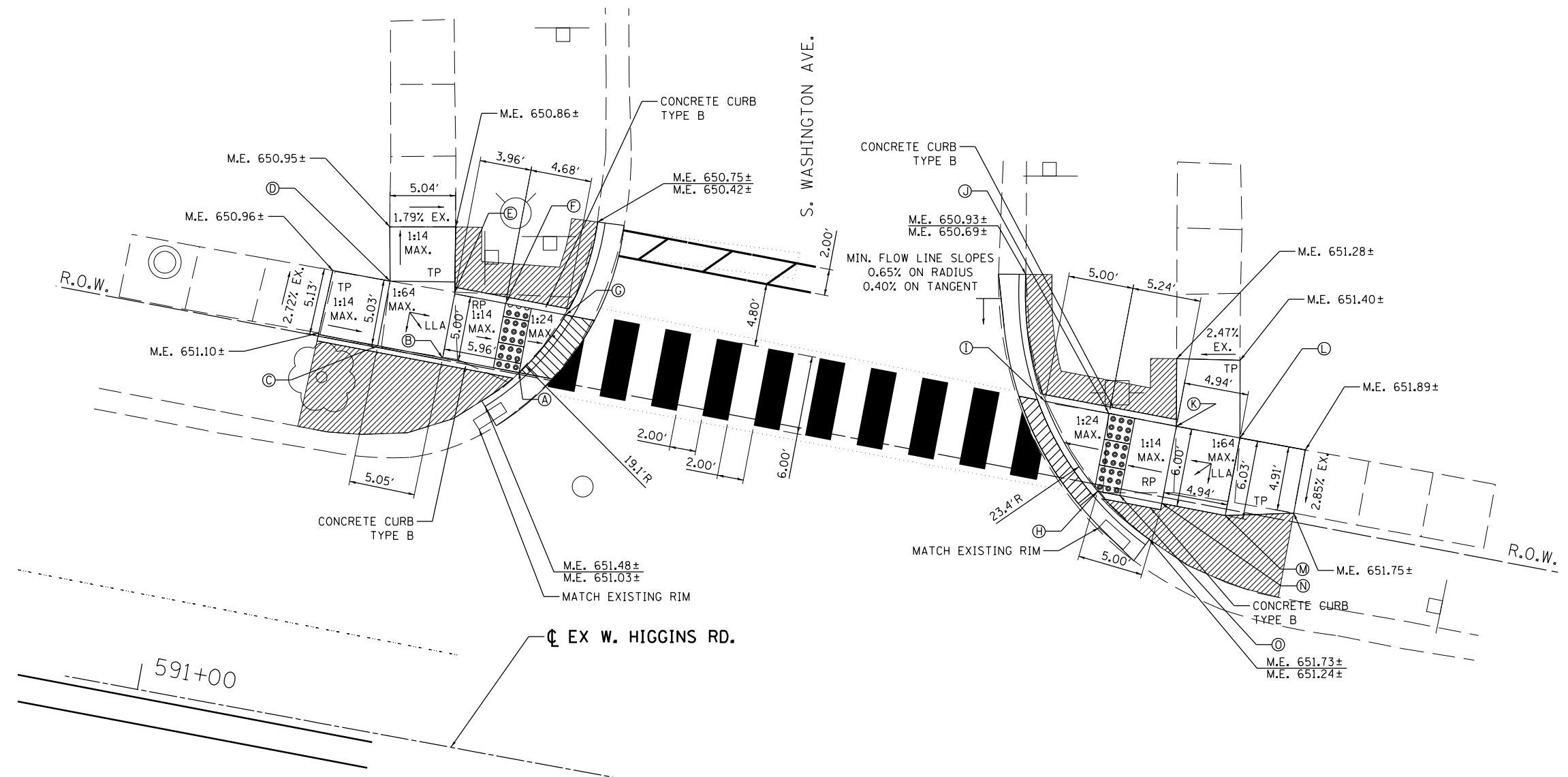
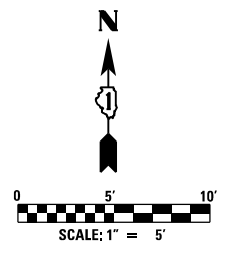


USER NAME = PHaevig	DESIGNED	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN	REVISED -
PLOT DATE = 06/28/2017	CHECKED	REVISED -
	DATE	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 WESTBOUND FROM N HARLEM AVE TO S FAIRVIEW AVE
LINDEN AVE CURB RAMP LAYOUT
W HIGGINS RD AND LINDEN AVE**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-2	COOK	353	69
CONTRACT NO. 60Y40				
ILLINOIS FED. AID PROJECT				



POINT	STATION	OFFSET	ELEVATION TOP OF WALK	ELEVATION FLOW LINE
A	591+24.31	29.11 LT	650.99	650.96
B	591+18.35	29.14 LT	650.93	NA
C	591+13.30	29.17 LT	650.96	NA
D	591+13.33	34.20 LT	651.04	NA
E	591+18.38	34.14 LT	650.97	NA
F	591+22.34	34.12 LT	650.93	NA
G	591+27.01	34.10 LT	650.86	650.83
H	591+69.47	28.25 LT	651.11	651.08
I	591+64.25	34.27 LT	650.99	650.95
J	591+69.26	34.24 LT	651.19	NA
K	591+74.50	34.22 LT	651.53	NA
L	591+79.44	34.22 LT	651.60	NA
M	591+79.41	28.19 LT	651.55	NA
N	591+74.46	28.22 LT	651.48	NA
O	591+71.21	28.23 LT	651.25	NA

LEGEND

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



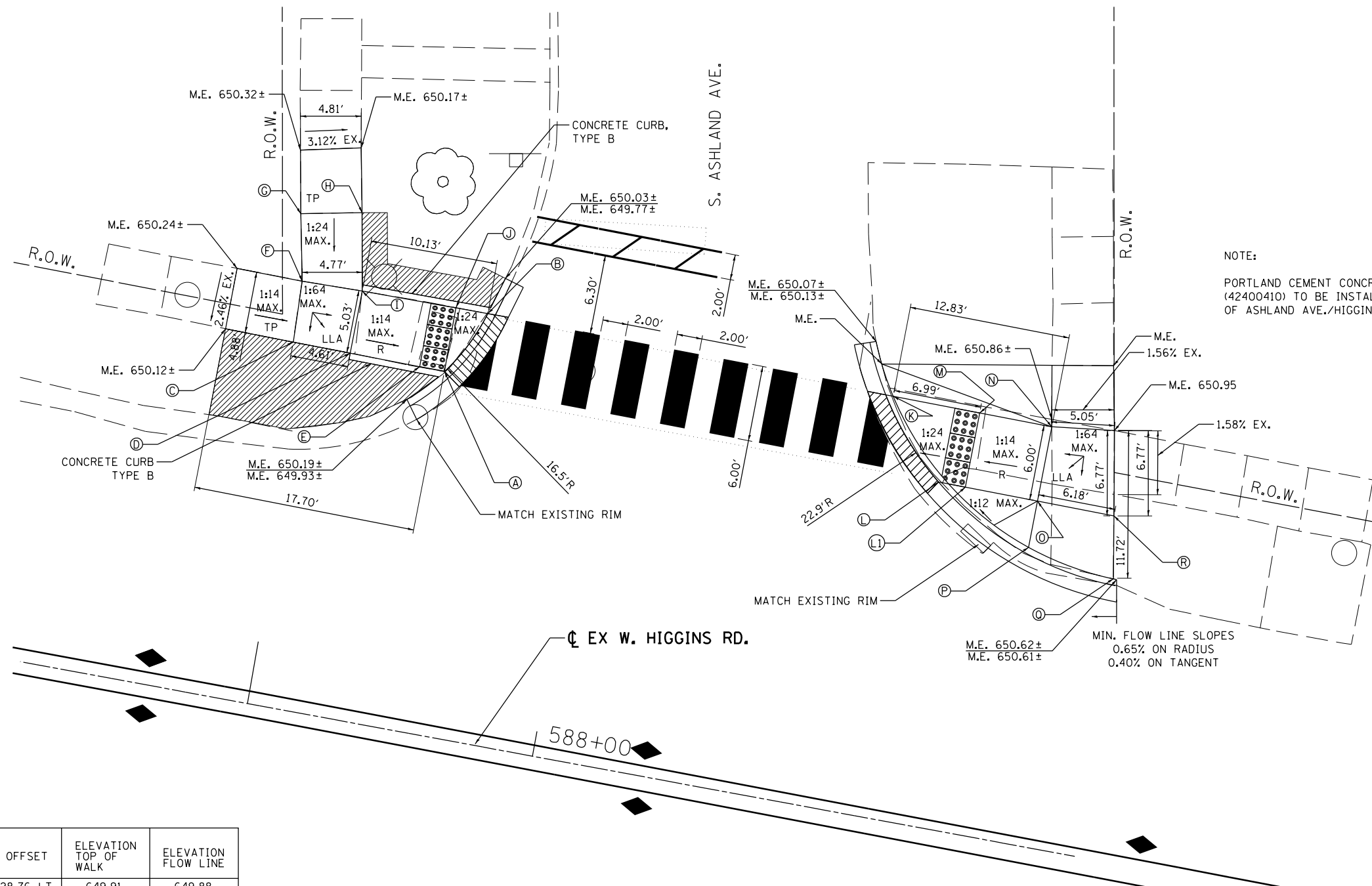
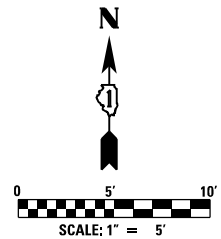
USER NAME = PHaevig	DESIGNED	REVISED -
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PLOT DATE = 06/28/2017	CHECKED	REVISED -
	DATE	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 WESTBOUND FROM N HARLEM AVE TO S FAIRVIEW AVE
S WASHINGTON AVE CURB RAMP LAYOUT
W HIGGINS RD AND S WASHINGTON AVE**

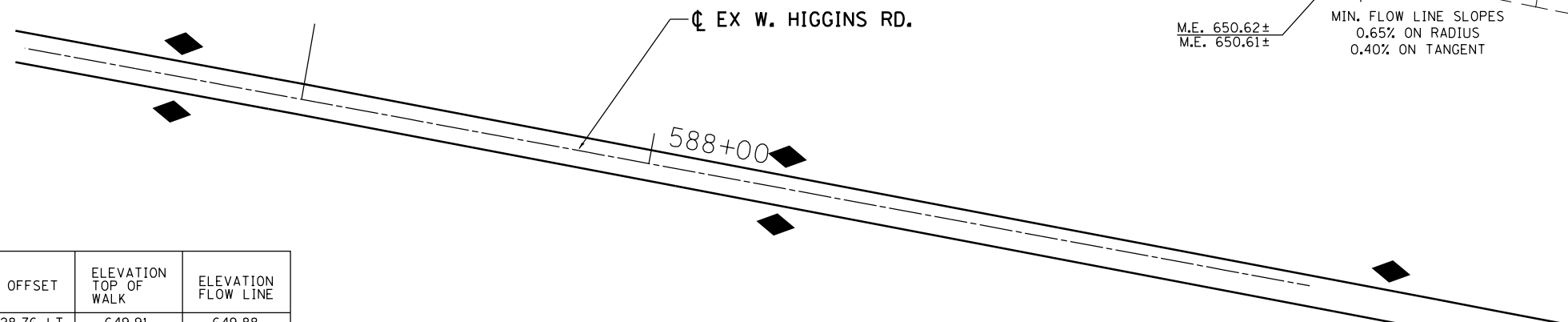
SCALE: 1" = 5' SHEET NO. 6 OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-2	COOK	353	70
CONTRACT NO. 60Y40				
ILLINOIS FED. AID PROJECT				



NOTE:
 PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH (42400410) TO BE INSTALLED IN THE NE QUADRANT OF ASHLAND AVE./HIGGINS RD.

MIN. FLOW LINE SLOPES
 0.65% ON RADIUS
 0.40% ON TANGENT



POINT	STATION	OFFSET	ELEVATION TOP OF WALK	ELEVATION FLOW LINE
A	587+87.59	28.76 LT	649.91	649.88
B	587+90.15	33.90 LT	649.81	649.78
C	587+75.37	28.87 LT	650.20	NA
D	587+79.98	28.83 LT	650.21	NA
E	587+85.59	28.78 LT	650.02	NA
F	587+75.19	33.76 LT	650.29	NA
G	587+74.12	39.00 LT	650.33	NA
H	587+78.88	39.97 LT	650.26	NA
I	587+80.02	33.85 LT	650.24	NA
J	587+87.57	33.89 LT	650.03	NA
K	588+22.97	33.30 LT	650.15	650.12
L	588+27.75	27.25 LT	650.28	650.25
M	588+29.96	33.24 LT	650.44	NA
N	588+35.79	33.19 LT	650.85	NA
O	588+35.75	27.19 LT	650.76	NA
P	588+35.71	23.13 LT	650.70	650.30
Q	588+42.79	22.20 LT	650.62	650.61
R	588+41.92	27.14 LT	650.84	NA
LI	588+29.91	27.25 LT	650.35	NA

LEGEND

- PROPOSED LANDSCAPING AREA
- DETECTABLE WARNINGS
- DEPRESSED CURB
- $\frac{xxx.xx}{xxx.xx}$ TOP OF CURB ELEVATION
GUTTER FLOW LINE ELEVATION



USER NAME = PHaevig	DESIGNED	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN	REVISED -
PLOT DATE = 06/28/2017	CHECKED	REVISED -
	DATE	REVISED -

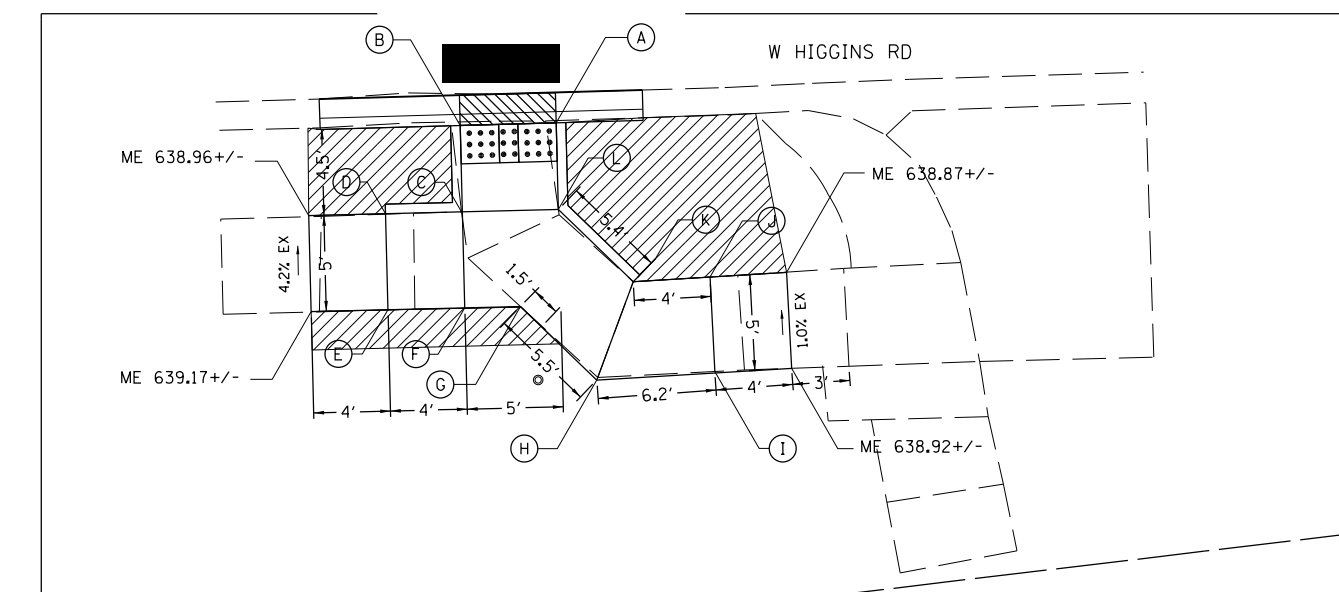
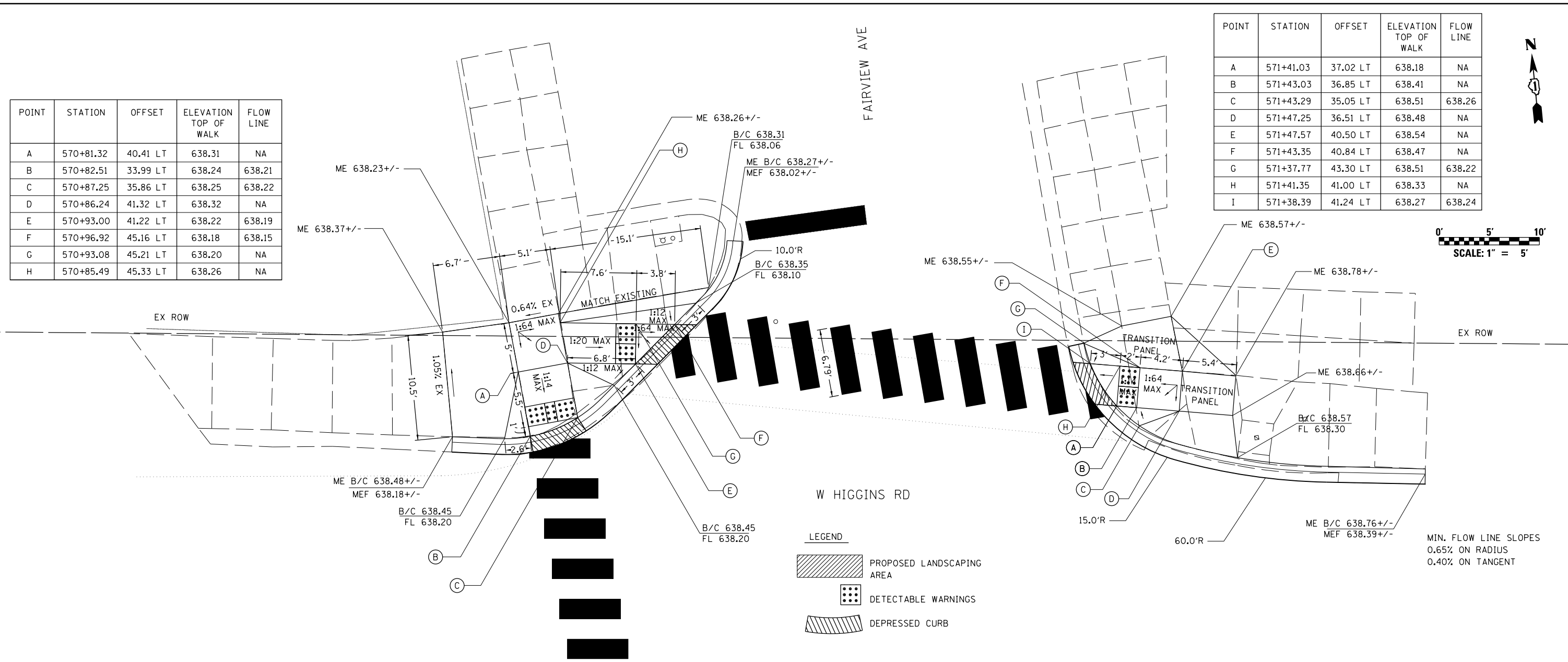
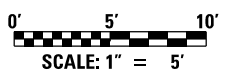
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**I-90 WESTBOUND FROM N HARLEM AVE TO S FAIRVIEW AVE
 S ASHLAND AVE CURB RAMP LAYOUT
 W HIGGINS RD AND S ASHLAND AVE**

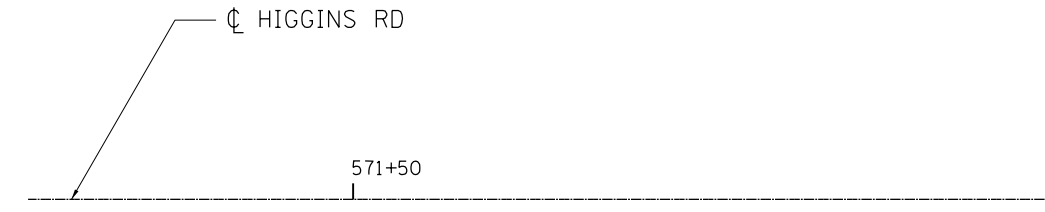
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) R-2	COOK	353	71
CONTRACT NO. 60Y40				
ILLINOIS FED. AID PROJECT				

POINT	STATION	OFFSET	ELEVATION TOP OF WALK	FLOW LINE
A	570+81.32	40.41 LT	638.31	NA
B	570+82.51	33.99 LT	638.24	638.21
C	570+87.25	35.86 LT	638.25	638.22
D	570+86.24	41.32 LT	638.32	NA
E	570+93.00	41.22 LT	638.22	638.19
F	570+96.92	45.16 LT	638.18	638.15
G	570+93.08	45.21 LT	638.20	NA
H	570+85.49	45.33 LT	638.26	NA

POINT	STATION	OFFSET	ELEVATION TOP OF WALK	FLOW LINE
A	571+41.03	37.02 LT	638.18	NA
B	571+43.03	36.85 LT	638.41	NA
C	571+43.29	35.05 LT	638.51	638.26
D	571+47.25	36.51 LT	638.48	NA
E	571+47.57	40.50 LT	638.54	NA
F	571+43.35	40.84 LT	638.47	NA
G	571+37.77	43.30 LT	638.51	638.22
H	571+41.35	41.00 LT	638.33	NA
I	571+38.39	41.24 LT	638.27	638.24



POINT	STATION	OFFSET	ELEVATION TOP OF WALK	FLOW LINE
A	570+00.44	34.32 RT	638.23	638.15
B	570+95.45	34.46 RT	638.22	638.18
C	570+95.56	38.96 RT	638.54	NA
D	570+91.56	39.06 RT	638.82	NA
E	570+91.68	44.06 RT	638.90	NA
F	570+95.68	43.96 RT	638.62	NA
G	570+98.59	43.89 RT	638.63	NA
H	571+02.56	47.72 RT	638.71	NA
I	571+08.71	47.27 RT	638.88	NA
J	571+08.45	42.35 RT	638.81	NA
K	571+04.46	42.61 RT	638.63	NA
L	571+00.57	38.84 RT	638.55	NA



AMES Engineering, Inc.
CONSULTING ENGINEERS
5413 Walnut Avenue, Ste 2
Downers Grove, IL 60515

USER NAME = mksrby	DESIGNED AS	REVISED - -
PLOT SCALE = 2.0000' / 1"	DRAWN MD	REVISED -
PLOT DATE = 1/19/2018	CHECKED	REVISED -
	DATE 8/21/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

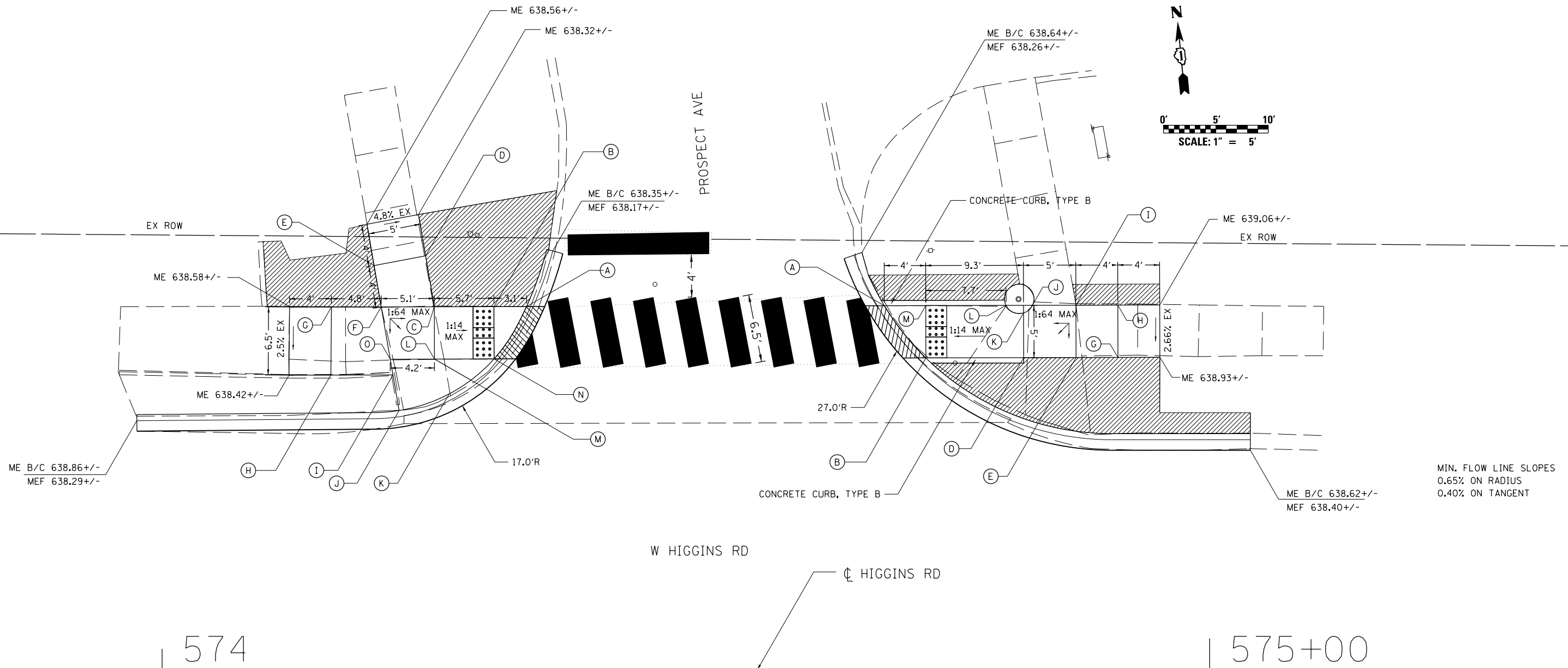
I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
HIGGINS AVENUE CURB RAMP LAYOUT
HIGGINS AVE AND FARVIEW AVE

SCALE: 1" = 5' SHEET NO. 14 OF 18 SHEETS STA. 10+00 TO STA. 14+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) I-14	COOK	353	72
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y40	

ADA-14

FILE NAME = D160Y40-sht-ADA01.dgn



574

575+00

MIN. FLOW LINE SLOPES
0.65% ON RADIUS
0.40% ON TANGENT

POINT	STATION	OFFSET	ELEVATION TOP OF WALK	FLOW LINE
A	574+34.42	34.70 LT	638.25	638.22
B	574+31.68	34.69 LT	638.28	NA
C	NOT USED	LT		NA
D	574+25.15	39.55 LT	638.47	NA
E	574+20.23	38.61 LT	638.54	NA
F	NOT USED	34.67 LT	638.53	NA
G	574+16.16	34.65 LT	638.56	NA
H	574+16.11	28.16 LT	638.48	NA
I	574+22.04	28.17 LT	638.54	NA
J	574+22.62	24.77 LT	638.54	638.29
K	574+27.42	26.36 LT	638.53	638.28
L	574+26.00	29.68 LT	638.50	NA
M	574+29.48	27.67 LT	638.51	638.26
N	574+31.69	29.69 LT	638.27	638.24
O	574+21.78	21.67 LT	638.53	NA

LEGEND

- PROPOSED LANDSCAPING AREA
- DETECTABLE WARNINGS
- DEPRESSED CURB
- XXX.XX TOP OF CURB ELEVATION
- XXX.XX GUTTER FLOW LINE ELEVATION

POINT	STATION	OFFSET	ELEVATION TOP OF WALK	FLOW LINE
A	574+68.94	34.78 LT	638.39	638.36
B	574+72.91	29.79 LT	638.40	638.37
C	574+75.04	27.93 LT	638.63	638.38
D	574+82.24	29.81 LT	638.98	NA
E	574+87.24	29.82 LT	638.97	NA
F	574+87.26	22.79 LT	638.80	638.43
G	574+91.24	29.83 LT	638.98	NA
H	574+91.23	34.83 LT	639.05	NA
I	574+87.23	34.82 LT	639.04	NA
J	574+83.09	34.81 LT	639.05	NA
K	574+82.23	34.08 LT	639.05	NA
L	574+80.55	34.82 LT	638.95	NA
M	574+72.90	34.79 LT	638.47	NA

AMES Engineering, Inc.
CONSULTING ENGINEERS
5413 Walnut Avenue, Ste 2
Downers Grove, IL 60515

USER NAME = mksrby	DESIGNED AS	REVISED - -
PLOT SCALE = 2.0000' / 1"	DRAWN MD	REVISED -
PLOT DATE = 1/19/2018	CHECKED	REVISED -
	DATE 8/21/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

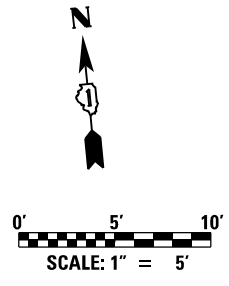
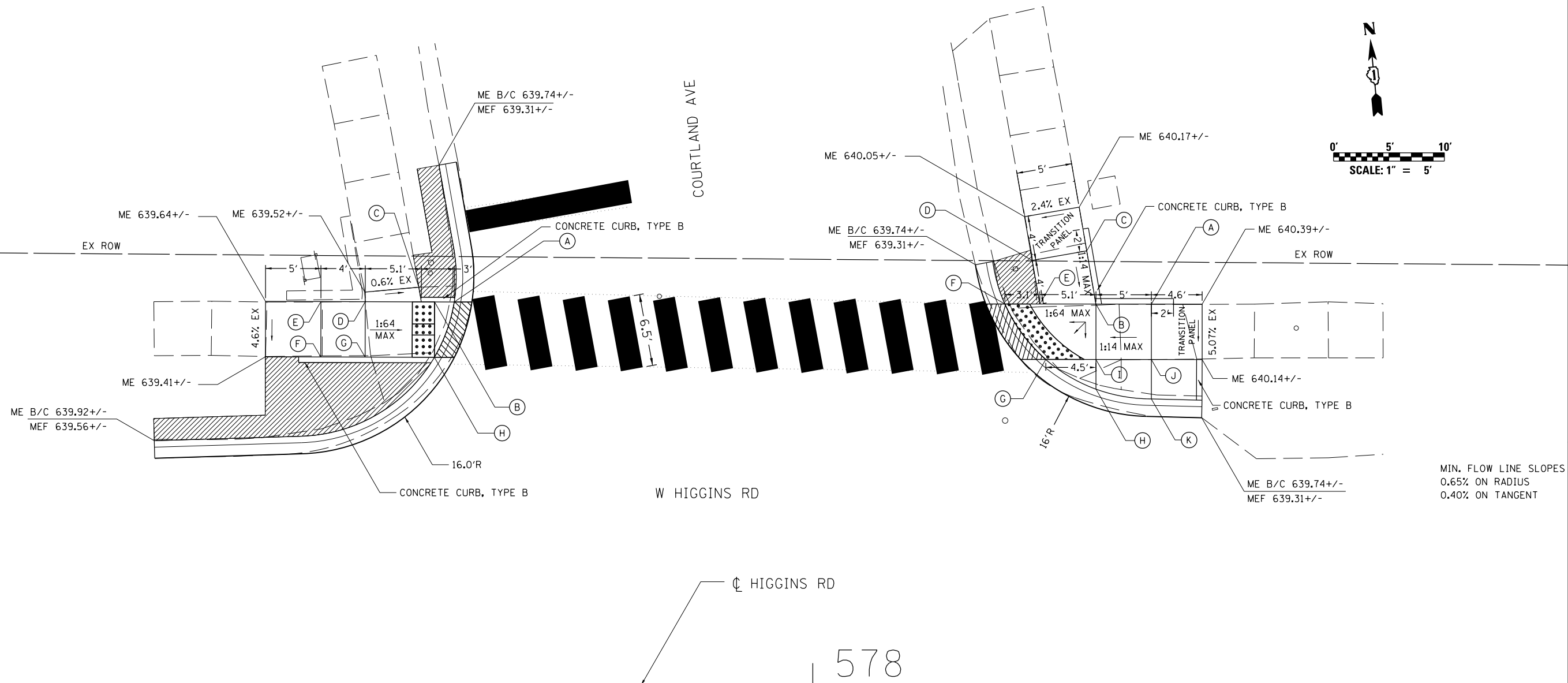
**I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
HIGGINS AVENUE CURB RAMP LAYOUT
HIGGINS AVE AND PROSPECT AVE**

SCALE: 1" = 5' SHEET NO. 15 OF 18 SHEETS STA. 10+00 TO STA. 14+00

ADA-15

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) I-14	COOK	353	73

CONTRACT NO. 60Y40
ILLINOIS FED. AID PROJECT



MIN. FLOW LINE SLOPES
0.65% ON RADIUS
0.40% ON TANGENT

578

POINT	STATION	OFFSET	ELEVATION TOP OF WALK	FLOW LINE
A	577+67.64	34.59 LT	639.50	639.47
B	577+65.86	34.59 LT	639.51	NA
C	577+64.44	35.91 LT	639.49	NA
D	577+59.61	34.61 LT	639.53	NA
E	577+55.61	34.62 LT	639.58	NA
F	577+55.60	29.62 LT	639.50	NA
G	577+59.60	29.61 LT	638.46	NA
H	577+65.85	29.59 LT	639.54	639.51

LEGEND

- PROPOSED LANDSCAPING AREA
- DETECTABLE WARNINGS
- DEPRESSED CURB
- XXX.XX TOP OF CURB ELEVATION
- XXX.XX GUTTER FLOW LINE ELEVATION

POINT	STATION	OFFSET	ELEVATION TOP OF WALK	FLOW LINE
A	578+30.56	34.39 LT	640.07	NA
B	578+25.56	34.40 LT	640.03	NA
C	578+24.73	39.20 LT	640.08	NA
D	578+19.80	38.34 LT	640.01	NA
E	578+20.49	34.40 LT	639.99	NA
F	578+17.34	34.40 LT	639.96	639.93
G	578+21.03	29.40 LT	639.93	639.89
H	578+25.56	26.72 LT	640.04	639.79
I	578+25.56	29.40 LT	640.00	NA
J	578+30.56	29.39 LT	639.99	NA
K	578+30.56	25.84 LT	640.00	639.75

AMES Engineering, Inc.
CONSULTING ENGINEERS
5413 Walnut Avenue, Ste 2
Downers Grove, IL 60515

USER NAME = mksrby	DESIGNED AS	REVISED - -
PLOT SCALE = 2.0000' / 1" =	DRAWN MD	REVISED -
PLOT DATE = 1/19/2018	CHECKED	REVISED -
	DATE 8/21/2017	REVISED -

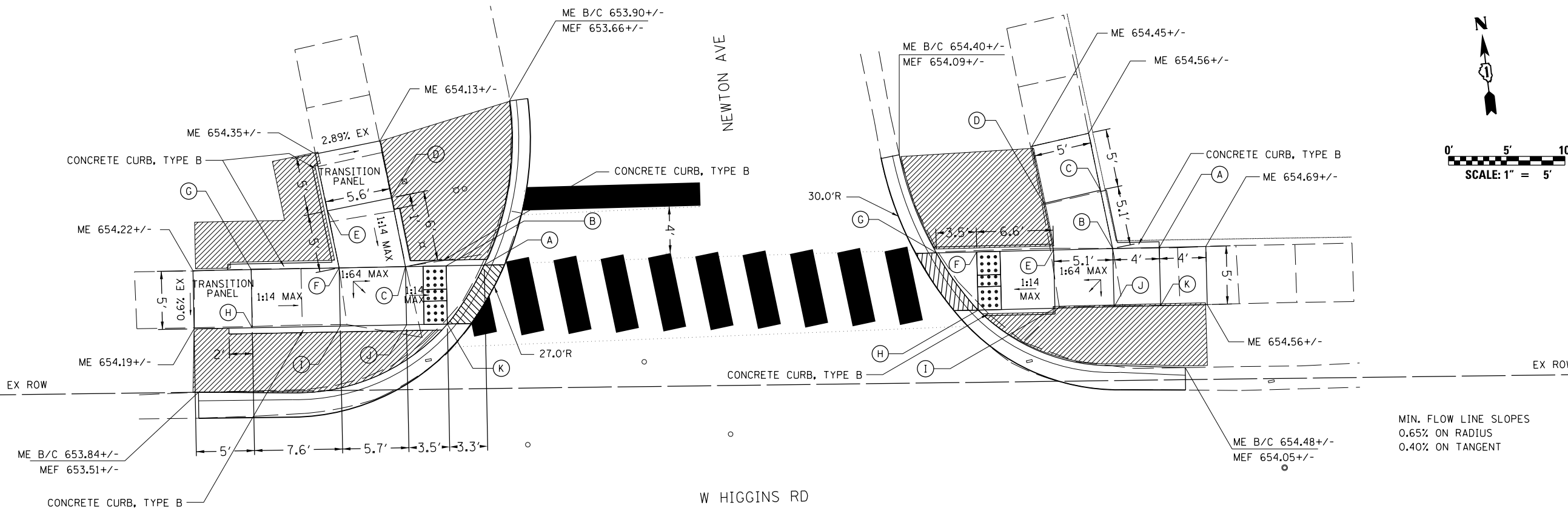
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
HIGGINS AVENUE CURB RAMP LAYOUT
HIGGINS AVE AND COURTLAND AVE**

SCALE: 1" = 5' SHEET NO. 16 OF 18 SHEETS STA. 10+00 TO STA. 14+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) I-14	COOK	353	74
CONTRACT NO. 60Y40			ILLINOIS FED. AID PROJECT	




ADA-16



MIN. FLOW LINE SLOPES
0.65% ON RADIUS
0.40% ON TANGENT

598

LEGEND

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

POINT	STATION	OFFSET	ELEVATION TOP OF WALK	FLOW LINE
A	597+98.48	44.46 LT	653.49	653.46
B	597+95.22	44.40 LT	653.56	NA
C	597+91.72	44.34 LT	653.79	NA
D	597+90.51	50.24 LT	654.16	NA
E	597+85.03	49.13 LT	654.16	NA
F	597+86.02	44.23 LT	653.81	NA
G	597+78.46	44.09 LT	654.13	NA
H	597+78.56	39.09 LT	654.08	NA
I	597+86.12	39.23 LT	653.73	NA
J	597+91.81	39.34 LT	653.70	NA
K	597+95.32	39.40 LT	653.45	653.42

POINT	STATION	OFFSET	ELEVATION TOP OF WALK	FLOW LINE
A	598+56.47	45.98 LT	654.65	NA
B	598+52.47	45.98 LT	654.61	NA
C	598+51.42	50.91 LT	654.59	NA
D	598+46.55	49.77 LT	654.52	NA
E	598+47.39	45.77 LT	654.58	NA
F	598+40.79	45.60 LT	654.14	NA
G	598+37.32	45.52 LT	654.07	654.04
H	598+40.91	40.60 LT	654.04	654.01
I	598+47.51	40.77 LT	654.51	NA
J	598+52.59	40.89 LT	654.54	NA
K	598+56.59	40.99 LT	654.58	NA

AMES Engineering, Inc.
CONSULTING ENGINEERS
5413 Walnut Avenue, Ste 2
Downers Grove, IL 60515

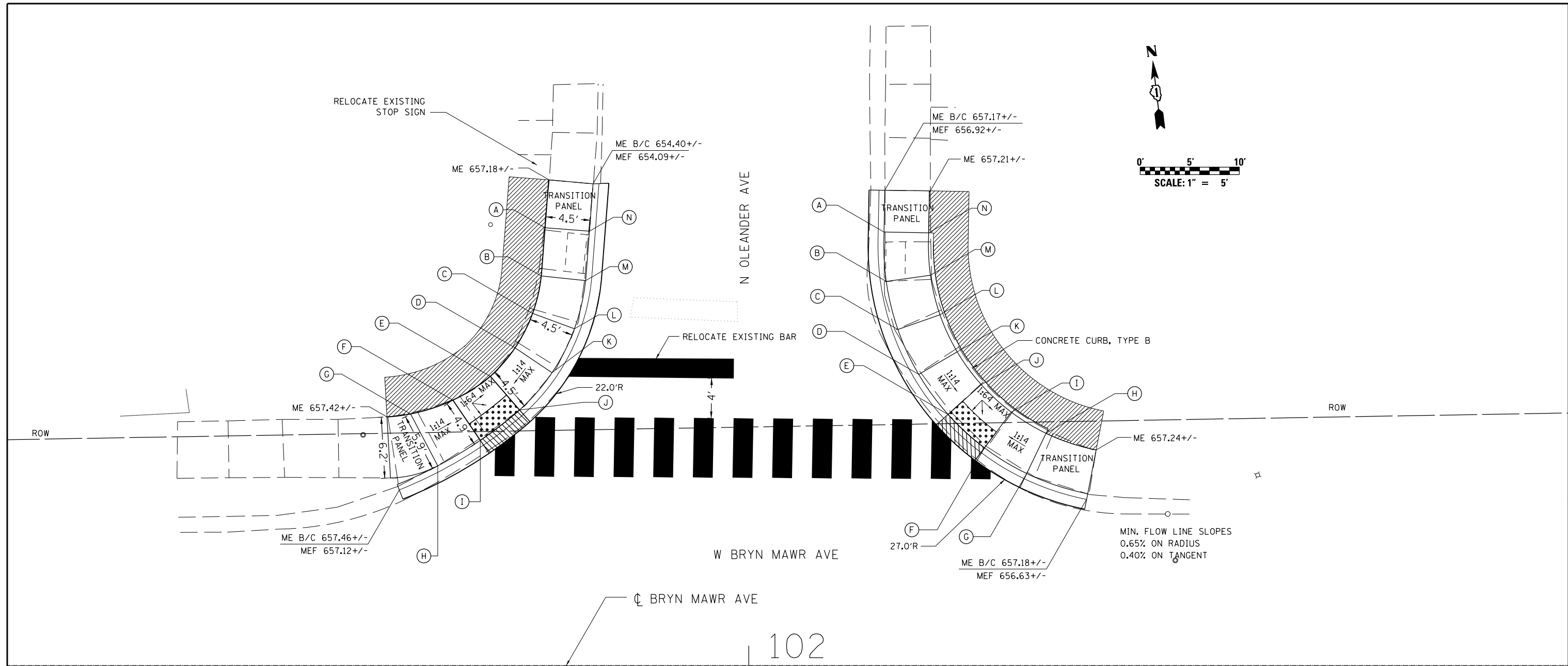
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PLOT SCALE = 2.0000' / 1"	DRAWN MD	REVISED -
PLOT DATE = 1/19/2018	CHECKED	REVISED -
	DATE 8/21/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
HIGGINS AVENUE CURB RAMP LAYOUT
HIGGINS AVE AND NEWTON AVE**

SCALE: 1" = 5' SHEET NO. 17 OF 18 SHEETS STA. 10+00 TO STA. 14+00

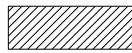
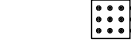

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) I-14	COOK	353	75
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y40	



102

POINT	STATION	OFFSET	ELEVATION TOP OF WALK	FLOW LINE
A	101+79.44	44.17 LT	657.32	NA
B	101+79.06	39.31 LT	657.37	NA
C	101+78.19	35.54 LT	657.42	NA
D	101+76.42	32.06 LT	657.48	NA
E	101+73.93	29.18 LT	657.23	NA
F	101+70.15	26.79 LT	657.24	NA
G	101+65.85	25.38 LT	657.42	NA
H	101+68.63	20.16 LT	657.38	657.13
I	101+72.92	22.73 LT	657.17	657.14
J	101+76.87	25.78 LT	657.16	657.13
K	101+80.15	29.54 LT	657.41	657.11
L	101+82.42	33.98 LT	657.35	657.08
M	101+83.54	38.84 LT	657.30	657.05
N	101+83.93	43.83 LT	657.27	657.02

LEGEND

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

POINT	STATION	OFFSET	ELEVATION TOP OF WALK	FLOW LINE
A	102+13.65	43.74 LT	657.22	656.97
B	102+13.87	38.76 LT	657.29	657.04
C	102+15.05	33.90 LT	657.22	656.97
D	102+17.15	29.38 LT	657.17	656.89
E	102+20.10	25.35 LT	656.88	656.85
F	102+23.77	21.97 LT	656.84	656.81
G	102+28.04	19.38 LT	656.73	656.76
H	102+29.99	23.44 LT	657.20	NA
I	102+26.48	25.57 LT	656.91	NA
J	102+23.45	28.35 LT	656.95	NA
K	102+21.02	31.66 LT	657.24	NA
L	102+19.29	35.39 LT	657.29	NA
M	102+18.33	39.38 LT	657.36	NA
N	102+18.15	43.66 LT	657.29	NA

AMES Engineering, Inc.
CONSULTING ENGINEERS
5413 Walnut Avenue, Ste 2
Downers Grove, IL 60515

USER NAME = mksrby	DESIGNED AS	REVISED - -
PLOT SCALE = 2.0000' / in.	DRAWN MD	REVISED -
PLOT DATE = 1/19/2018	CHECKED	REVISED -
	DATE 8/21/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
HIGGINS AVENUE CURB RAMP LAYOUT
HIGGINS AVE AND OLEANDER AVE
SCALE: 1" = 5' SHEET NO. 18 OF 18 SHEETS STA. 10+00 TO STA. 14+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) I-14	COOK	353	76
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y40	

MAINTENANCE OF TRAFFIC GENERAL NOTES

- 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.
- 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.
- ALL "ROAD CONSTRUCTION AHEAD" WARNING SIGNS SHALL BE EQUIPPED WITH TYPE A MONO-DIRECTIONAL FLASHING LIGHT.
- WHERE WORK AREAS ARE NOT SEPARATED FROM TRAFFIC BY TEMPORARY CONCRETE BARRIER WALL, WORK ON BOTH SIDES OF THE ROADWAY, DURING THE SAME TIME PERIOD WILL NOT BE ALLOWED.
- THE CONTRACTOR SHALL PLACE CHANGEABLE MESSAGE SIGN(S) TO INFORM MOTORISTS OF UPCOMING CONSTRUCTION ACTIVITIES. THE LOCATION SHALL BE AS SHOWN IN THE PLANS OR 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 DAYS FOR "CHANGEABLE MESSAGE SIGN".
- 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), AND TRAFFIC CONTROL AND PROTECTION (SPECIAL), EXCEPT FOR PAY ITEMS WHICH HAVE BEEN ESTABLISHED IN THE CONTRACT AND ARE SHOWN ON THE PLANS.
- EXISTING PAVEMENT MARKINGS AND RAISED REFLECTIVE MARKERS THAT CONFLICT WITH TEMPORARY MARKINGS SHALL BE REMOVED.
- TEMPORARY PAVEMENT MARKING, TYPE III 8" MAY CONSIST OF TWO SEPARATE 4" STRIPS OF TEMPORARY PAVEMENT MARKING 4".
- WORKERS SIGN SHALL BE USED ONLY WHEN WORKERS ARE PRESENT. FLAGGER SIGN SHALL BE USED ONLY WHEN FLAGGERS ARE PRESENT.
- TEMPORARY PAVEMENT MARKINGS SHALL BE APPLIED ON EXISTING PAVEMENT BEING REMOVED AND PAVEMENT MARKING TAPE TYPE IV SHALL BE APPLIED ON THE FINAL WEARING SURFACE OR ON THE EXISTING PAVEMENT TO REMAIN.
- 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 AND ALONG HIGGINS RD AND BYRN MAWR AVE 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 (EXPRESSWAY), AND TRAFFIC CONTROL AND PROTECTION (SPECIAL)
- THE CONTRACTOR SHALL CONTACT THE IDOT ARTERIAL TRAFFIC SUPERVISOR AT 847-705-4470 AND THE IDOT EXPRESSWAY TRAFFIC CONTROL SUPERVISOR AT 847-705-4155 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- DROP OFF (BETWEEN TRAVEL LANES) ALONG ARTERIAL OR LOCAL ROADWAYS (INCLUDING HIGGINS ROAD AND BYRN MAWR AVE) WITHIN PROJECT LIMITS, GREATER THAN 1" AND LESS THAN OR EQUAL TO 2 1/2" LIFT DIFFERENCE OR GREATER THAN 1 1/2" AND LESS THAN OR EQUAL TO 4" VERTICAL MILLED FACE SHALL REQUIRE UNEVEN LANE SIGNS PLACED ONE HALF MILE APART AS DIRECTED BY THE ENGINEER.
- 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".

- TRAFFIC CONTROL AND PROTECTION FOR TEMPORARY LANE AND SHOULDER CLOSURES SHALL IN ACCORDANCE WITH THE APPLICABLE HIGHWAY STANDARD OR DISTRICT DETAIL FOR THE PROPOSED WORK.
- UNLESS SPECIFIED IN THE CONTRACT PLANS, ALL TRAFFIC LANES SHALL BE KEPT OPEN TO TRAFFIC DURING PEAK TRAFFIC VOLUME HOURS AS DEFINED IN THE CONTRACT SPECIAL PROVISION FOR KEEPING ARTERIAL ROADWAYS OPEN TO TRAFFIC AND CONTRACT SPECIAL PROVISION FOR KEEPING THE EXPRESSWAY OPEN TO TRAFFIC.
- THE CONTRACTOR WILL BE ALLOWED TO IMPLEMENT TEMPORARY LANE CLOSURES, TEMPORARY SHOULDER CLOSURES, TEMPORARY RAMP CLOSURES (FULL OR PARTIAL) ACCORDING TO THE APPLICABLE IDOT HIGHWAY STANDARDS AND DISTRICT ONE DETAILS, AND PER THE ALLOWABLE HOURS IN THE CONTRACT SPECIAL PROVISION FOR KEEPING ARTERIAL ROADWAYS OPEN TO TRAFFIC AND CONTRACT SPECIAL PROVISION FOR KEEPING THE EXPRESSWAY OPEN TO TRAFFIC.
- STAGING AND TRAFFIC CONTROL PLANS ARE DESIGNED ON ASSUMPTION THAT THE EASTBOUND I-90 CONTRACT (60Y38) AND WESTBOUND I-90 CONTRACT (60Y39) ARE COMPLETED PRIOR TO BEGINING OF THE I-90 NOISEWALL CONTRACT (60Y40).
- 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. CONTRACTOR SHALL COORDINATE WITH PACE IN ORDER TO RELOCATE PACE BUS STOP LOCATIONS ALONG HIGGINS RD AND HIGGINS AVE.
- IT IS NOTED THAT THESE I-90 NOISE WALL CONTRACT PLANS (DEPICT AN "EXISTING CONDITION" BACKGROUND THAT WILL EXIST AFTER BOTH THE EB I-90 (60Y38) AND WB I-90 (60Y39) HAVE BEEN CONSTRUCTED. IN THE LIKELY EVENT THAT CONTRACT 60Y38 AND/OR CONTRACT 60Y39 ARE STILL UNDER CONSTRUCTION CONCURRENTLY WITH THIS NOISE WALL CONTRACT 60Y40, THE CONTRACTOR SHALL BE AWARE THAT CONSTRUCTION SCHEDULING MUST BE COORDINATED BETWEEN ALL CONTRACTS IN ORDER TO COMPLETE CONSTRUCTION EFFICIENTLY AND SAFELY. THE STAGING CONSIDERATIONS FOR CONCURRENT CONTRACT CONSTRUCTION ARE SPECIFIED IN THE SPECIAL PROVISION FOR "COORDINATION WITH ADJACENT AND/OR OVERLAPPING CONTRACTS" AND "WORK RESTRICTIONS".

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 <=1.5" VERTICAL MILLED FACE	NONE	NONE
		1"<D<=2.5" LIFT DIFFERENCE	NONE	UNEVEN LANE SIGNS
		2.5"<D<=4" LIFT DIFFERENCE	NOTCHED LONGITUDINAL WEDGE	
		1.5"<D<=4" VERTICAL MILLED FACE	TEMPORARY OR MILLED SLOPED EDGE MIN. 1:3	

- PLACE CHANNELIZING DEVICES AT SAME LEVEL AS TRAVELING LANE.
- 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.

MOT-GEN-1

 exp U.S. Services Inc. Chicago, IL BUILDINGS EARTH & ENVIRONMENT ENERGY INDUSTRIAL INFRASTRUCTURE SUSTAINABILITY	USER NAME = MOHAMMMA	DESIGNED MM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90 NOISE WALL 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 = 2.00" / in.	CHECKED KA	REVISED -		90	(1517 & 1415) I-14	COOK	353	77			
	PLOT DATE = 1/17/2018	DATE 8/21/2017	REVISED -		SCALE: N/A		SHEET NO. 1 OF 15 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT			
	CONTRACT NO. 60Y40											

SUGGESTED STAGING AND TRAFFIC CONTROL

STAGE 1:

NOISE WALL #1 (ALONG SERBIAN ROAD)

CONSTRUCTION:

- 1. CONSTRUCT NOISE WALL# 1 AS SHOWN ON THE PLANS.

RECOMMENDED TRAFFIC CONTROL:

- 1. RECOMMENDED ACCESS TO WORK ZONE : SERBIAN ROAD
- 2. CONTRACTOR SHALL PERFORM CONSTRUCTION ACTIVITIES FOR NOISE WALL #1 IN THE WORK ZONE OFF OF SERBIAN ROAD AND INSTALL TRAFFIC CONTROL AS SHOWN ON THE PLANS.
- 3. MAINTAIN NORMAL TRAFFIC CONFIGURATION ALONG SERBIAN ROAD IN BOTH DIRECTIONS DURING CONSTRUCTION.
- 4. TEMPORARY SINGLE LANE CLOSURE (WHEN REQUIRED) ALONG SERBIAN ROAD SHALL BE TO APPLICABLE HIGHWAY STANDARD DURING THE ALLOWABLE HOURS SPECIFIED IN SPECIAL PROVISION FOR KEEPING ARTERIAL ROADWAYS OPEN TO TRAFFIC.

NOISE WALL #2 (BETWEEN CANFIELD RD AND ORIOLE AVE)

CONSTRUCTION:

- 1. CONSTRUCT NOISE WALL #2.1, #2.2 AS SHOWN ON THE PLANS.

RECOMMENDED TRAFFIC CONTROL NOISE WALL #2.1:

- 1. RECOMMENDED ACCESS TO WORK ZONE: SEMINOLE ST / EB CANFIELD RAMP / I-90 EB SHOULDER
- 2. CLOSE EB I-90 OUTSIDE SHOULDER FOR THE LIMITS IDENTIFIED AND AS SHOWN ON THE PLANS DURING CONSTRUCTION OF NOISE WALL #2.1.
- 3. CLOSE CANFIELD ENTRANCE RAMP PARTIALLY AS SHOWN ON THE PLANS.
- 4. IMPLEMENT TEMPORARY SINGLE LANE CLOSURE ALONG EB I-90 AS REQUIRED ACCORDING TO APPLICABLE HIGHWAY STANDARD DURING ALLOWABLE HOURS AS SPECIFIED IN SPECIAL PROVISION "KEEPING THE EXPRESSWAY OPEN TO TRAFFIC".

RECOMMENDED TRAFFIC CONTROL NOISE WALL #2.2:

- 1. RECOMMENDED ACCESS TO WORK ZONE: SEMINOLE ST / HIGGINS AVE
- 2. RESTRICT PARKING ALONG HIGGINS AVE DURING NOISE WALL #2.2 CONSTRUCTION
- 3. IMPLEMENT TEMPORARY SINGLE (NORTH) LANE CLOSURE ALONG HIGGINS AVE ONLY AS REQUIRED ACCORDING TO APPLICABLE HIGHWAY STANDARD DURING ALLOWABLE HOURS AS SPECIFIED IN SPECIAL PROVISION KEEPING ARTERIAL ROADWAYS OPEN TO TRAFFIC.
- 4. MAINTAIN EXISTING TWO LANE EASTBOUND TRAFFIC ALONG HIGGINS AVE (SOUTH OF I-90) DURING PEAK HOURS AND NON WORKING HOURS.

NOISE WALL #3 (ALONG HIGGINS AVE BETWEEN ORIOLE AVE AND HARLEM AVE)

CONSTRUCTION:

- 1. CONSTRUCT NOISE WALL# 3 AS SHOWN ON THE PLANS.

RECOMMENDED TRAFFIC CONTROL:

- 1. RECOMMENDED ACCESS TO WORK ZONE: TEMPORARY SINGLE LANE CLOSURES HIGGINS AVE.
- 2. RESTRICT PARKING ALONG HIGGINS AVE DURING NOISE WALL #3 CONSTRUCTION
- 3. IMPLEMENT TEMPORARY SINGLE LANE CLOSURE ACCORDING TO APPLICABLE HIGHWAY STANDARD ALONG HIGGINS AVE DURING ALLOWABLE HOURS AS SPECIFIED IN SPECIAL PROVISION KEEPING ARTERIAL ROADWAYS OPEN TO TRAFFIC.
- 3. MAINTAIN EXISTING TWO DIRECTION TRAFFIC ALONG HIGGINS AVE (SOUTH OF I-90) BETWEEN ORIOLE AVE AND HARLEM AVE DURING PEAK HOURS AND NON-WORKING HOURS.

NOISE WALL #4 (ALONG BRYN MAWR AVE BETWEEN HARLEM AVE TO ORIOLE AVE)

CONSTRUCTION:

- 1. CONSTRUCT MOMENT SLAB ALONG BRYN MAWR AVE BETWEEN HARLEM AVE AND ORIOLE AVE AS SHOWN ON THE PLANS.
- 2. CONSTRUCT NOISE WALL# 4 AS SHOWN ON THE PLANS.

RECOMMENDED TRAFFIC CONTROL:

- 1. RECOMMENDED ACCESS TO WORK ZONE: BRYN MAWR AVE
- 2. RESTRICT PARKING ALONG BRYN MAWR AVE BETWEEN ORIOLE AVE AND SAYRE AVE.
- 3. CLOSE LEFT LANE ALONG WB BRYN MAWR AVE IN BETWEEN HARLEM AVE AND ORIOLE AVE AND MAINTAIN MIN 10' LANE OPEN TO TRAFFIC.
- 4. INSTALL SIGNS AND TRAFFIC CONTROL ALONG BRYN MAWR AVE AS SHOWN ON THE PLANS.

NOISE WALL #5 (ALONG HIGGINS RD BETWEEN CANFIELD RD AND ORIOLE AVE)

CONSTRUCTION:

- 1. CONSTRUCT MOMENT SLAB AT NOISE WALL #5.1 AND #5.3 LOCATION, ALONG HIGGINS RD BETWEEN CANFIELD RD AND ORIOLE AS SHOWN ON THE PLANS.
- 2. CONSTRUCT NOISE WALL# 5.1, #5.2 AND #5.3 AS SHOWN ON THE PLANS.

RECOMMENDED TRAFFIC CONTROL NOISE WALL #5.1 AND #5.3:

- 1. RECOMMENDED ACCESS TO WORK ZONE : HIGGINS RD
- 2. INSTALL TEMPORARY TRAFFIC SIGNAL AT INTERSECTION OF HIGGINS RD/CANFIELD RD
- 3. CLOSE HIGGINS ROAD EASTBOUND DIRECTION TRAFFIC ONLY BETWEEN CANFIELD ROAD AND ORIOLE AVE AND DETOUR AS SHOWN ON THE SHEET MOT-DET-1.
- 4. MAINTAIN HIGGINS ROAD WESTBOUND TRAFFIC ON EXISTING ROADWAY AS SHOWN ON THE PLANS
- 5. INSTALL SIGNS AND TRAFFIC CONTROL ALONG HIGGINS RD AS SHOWN ON THE PLANS.
- 6. COORDINATE WITH PACE IN ORDER TO RELOCATE PACE BUS STOP LOCATION ALONG HIGGINS RD

RECOMMENDED TRAFFIC CONTROL NOISE WALL #5.2

- 1. RECOMMENDED ACCESS TO WORK ZONE : HIGGINS RD / WB CANFIELD RAMP / WB I-90 SHOULDER
- 2. SEE TRAFFIC CONTROL FOR #5.1 AND #5.3 FOR HIGGINS RD TRAFFIC CONTROL
- 3. AS REQUIRED, IMPLEMENT TEMPORARY FULL WIDTH RAMP CLOSURE AT WB CANFIELD EXIT RAMP AS SHOWN ON THE PLAN AND DIRECTED BY THE ENGINEER DURING THE ALLOWABLE HOURS SPECIFIED IN THE SPECIAL PROVISION FOR KEEPING THE EXPRESSWAY OPEN TO TRAFFIC.
- 4. AS REQUIRED, IMPLEMENT TEMPORARY OUTSIDE SHOULDER CLOSURE AND OUTSIDE LANE CLOSURE ALONG WB I-90 ACCORDING TO APPLICABLE DISTRICT DETAIL AND HIGHWAY STANDARD DURING THE ALLOWABLE HOURS SPECIFIED IN THE SPECIAL PROVISION FOR KEEPING THE EXPRESSWAY OPEN TO TRAFFIC.

NOISE WALL #6 (ALONG HIGGINS RD BETWEEN CUMBERLAND AVE AND CANFIELD RD)

CONSTRUCTION:

- 1. CONSTRUCT NOISE WALL# 6 AS SHOWN ON THE PLANS.

RECOMMENDED TRAFFIC CONTROL (EAST SIDE NOISE WALL #6):

- 1. RECOMMENDED ACCESS TO WORK ZONE: HIGGINS RD
- 2. CONTRACTOR SHALL PERFORM CONSTRUCTION ACTIVITIES FOR NOISE WALL #6 IN THE WORK ZONE OFF HIGGINS RD AND INSTALL TRAFFIC CONTROL AS SHOWN ON THE PLANS.
- 3. MAINTAIN EXISTING TRAFFIC CONFIGURATION ALONG HIGGINS ROAD IN BOTH DIRECTION DURING CONSTRUCTION.
- 4. TEMPORARY SINGLE LANE CLOSURE (WHEN REQUIRED) ALONG HIGGINS ROAD SHALL BE ACCORDING TO APPLICABLE HIGHWAY STANDARD DURING THE ALLOWABLE HOURS SPECIFIED IN SPECIAL PROVISION KEEPING ARTERIAL ROADWAYS OPEN TO TRAFFIC.

RECOMMENDED TRAFFIC CONTROL (WEST SIDE NOISE WALL #6):

- 1. RECOMMENDED ACCESS TO WORK ZONE: WB I-90 OUTSIDE SHOULDER
- 2. CLOSE WB I-90 OUTSIDE SHOULDER AT NOISE WALL LOCATION #6 AS SHOWN ON THE PLANS.
- 3. CONTRACTOR SHALL PERFORM THE STORM SEWER CONNECTION TO EXISTING DRAINAGE STRUCTURE AT NOISE WALL #6 BY IMPLEMENTING A TEMPORARY SINGLE LANE CLOSURE ALONG WB I-90 DURING HOURS SPECIFIED IN SPECIAL PROVISION KEEPING THE EXPRESSWAY OPEN TO TRAFFIC. IF THE CONNECTION CANNOT BE COMPLETED AT THE END OF THE WORK SHIFT WHEN THE LANE MUST BE OPENED TO TRAFFIC, THEN CONTRACTOR SHALL FILL THE EXCAVATION AND BRING THE GRADE UP SUCH THAT THE DROP-OFF AT THE EDGE OF SHOULDER IS NOT MORE THAN 12".

STAGE 2:

MILLING AND RESURFACING (ALONG HIGGINS ROAD AND BRYN MAWR AVE)

CONSTRUCTION:

- 1. MILL AND RESURFACE HIGGINS ROAD BETWEEN CUMBERLAND AVE TO ORIOLE AVE AND BRYN MAWR AVE BETWEEN ORIOLE AVE AND HARLEM AVE AS SHOWN ON THE PLANS.

RECOMMENDED TRAFFIC CONTROL:

- 1. IMPLEMENT TEMPORARY LANE CLOSURE ACCORDING TO APPLICABLE STATE HIGHWAY STANDARD DURING MILLING AND RESURFACING OPERATION DURING THE ALLOWABLE HOURS IN THE SPECIAL PROVISION KEEPING ARTERIAL ROADWAYS OPEN TO TRAFFIC.

SUGGESTED SEQUENCE OF NOISE WALL CONSTRUCTION

1) PRIOR TO EARTHWORK OPERATIONS OR THE DISTURBANCE OF ANY EXISTING VEGETATION, INSTALL SEDIMENT CONTROL, SILT FENCE, TEMPORARY DITCH CHECKS AND OTHER EROSION CONTROL DEVICES.

2) CONSTRUCT TEMPORARY ACCESS CONTROL FENCE

3) COMPLETE FENCE REMOVAL, TREE REMOVAL, CLEARING AND TOP SOIL REMOVAL.

4) COMPLETE EMBANKMENT AND INSTALLATION OF DRAINAGE STRUCTURES, PIPE CULVERTS AND ASSOCIATED END SECTIONS. COMPLETE TEMPORARY EROSION CONTROL SEEDING AS REQUIRED.

5) COMPLETE INSTALLATION OF NOISE ABATEMENT WALLS. THE CONTRACTOR MAY CONSIDER COMPLETING FINAL GRADING AND PLACEMENT OF TOPSOIL AFTER INSTALLING THE BOTTOM PANELS FOR A LENGTH OF WALL PRIOR TO PLACING MIDDLE OR TOP PANELS.

6) PLACE TOPSOIL AND COMPLETE LANDSCAPING

7) COMPLETE RE-ERECTION OF ACCESS CONTROL FENCE AS NECESSARY AT THE ENDS OF THE NOISE ABATEMENT WALLS

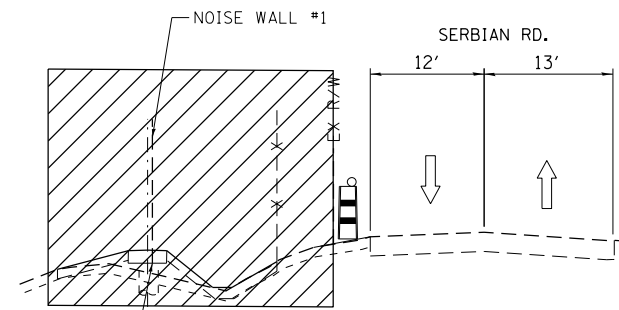
8) REMOVE TEMPORARY FENCE

9) REMOVE EROSION CONTROL DEVICES AT THE DIRECTION OF THE ENGINEER.

10) SEE SPECIAL PROVISIONS FOR "COORDINATION WITH ADJACENT AND/OR OVERLAPPING CONTRACTS" AND "WORK RESTRICTIONS" FOR ADDITIONAL RESTRICTIONS ON NOISE WALL CONSTRUCTION.

MOT-GEN-2

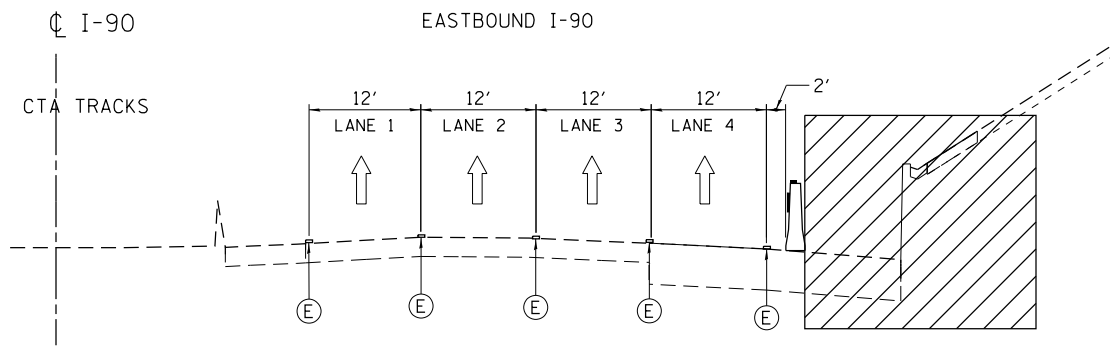
 exp U.S. Services Inc. Chicago, IL BUILDINGS EARTH & ENVIRONMENT ENERGY INDUSTRIAL INFRASTRUCTURE SUSTAINABILITY	USER NAME = #USER#	DESIGNED MM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90 NOISE WALL FROM CUMBERLAND AVE TO HARLEM AVE SUGGESTED STAGING AND TRAFFIC CONTROL MAINTENANCE OF TRAFFIC GENERAL NOTES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = #SCALE#	CHECKED KA	REVISED -			90	(1517 & 1415) I-14	COOK	353	78
	PLOT DATE = 9-13-2017	DATE 8/21/2017	REVISED -			CONTRACT NO. 60Y40				
						SCALE: N/A	SHEET NO. 2 OF 15 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	



STAGE 1 TYPICAL SECTION

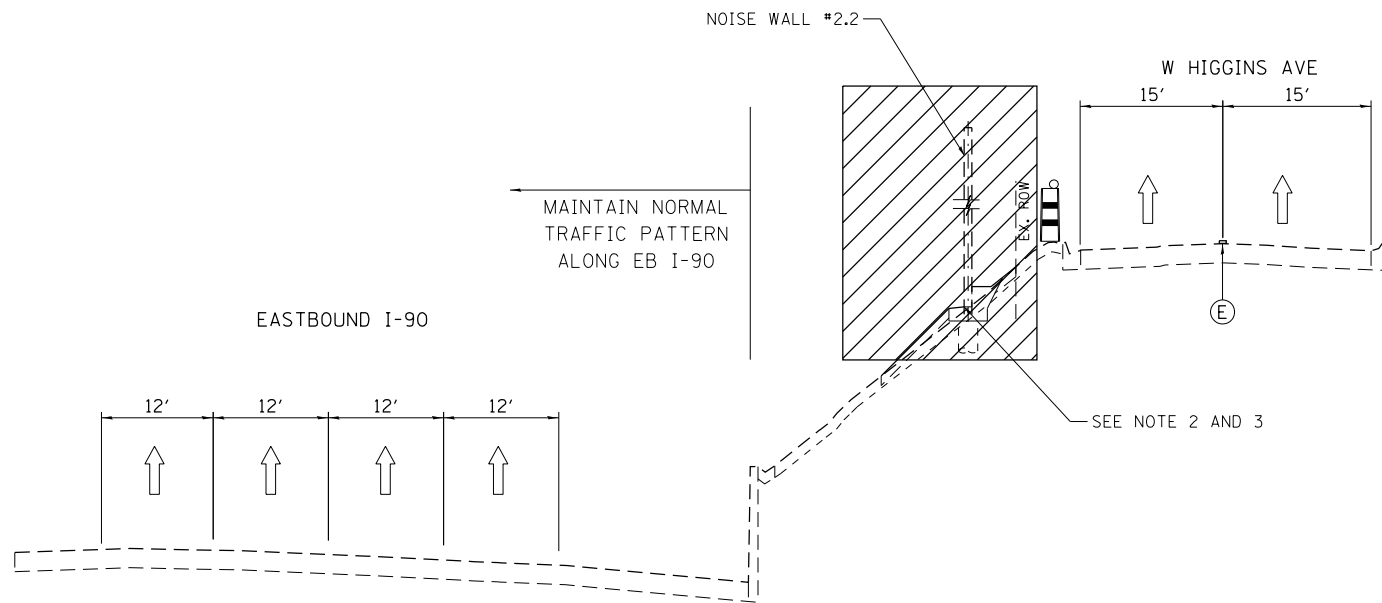
NOISE WALL #1
SERBIAN ROAD (LOOKING EAST)

SEE NOTE 1



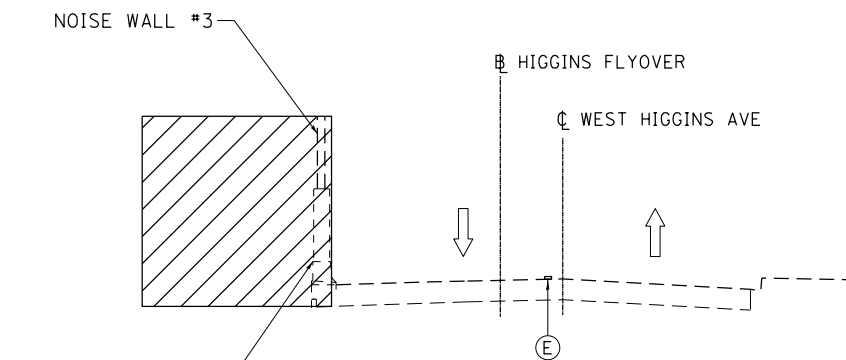
STAGE 1 TYPICAL SECTION

NOISE WALL #2.1
I-90 AT STA. 3077+00 (LOOKING EAST)



STAGE 1 TYPICAL SECTION

NOISE WALL #2.2
HIGGINS AVE BETWEEN CANFIELD RD AND ORIOLE AVE (SOUTH OF I-90)
(LOOKING EAST)



STAGE 1 TYPICAL SECTION

NOISE WALL #3
HIGGINS AVE BETWEEN ORIOLE AVE AND HARLEM AVE
(LOOKING EAST)

SEE NOTE 4 AND 5

MAINTENANCE OF TRAFFIC LEGEND

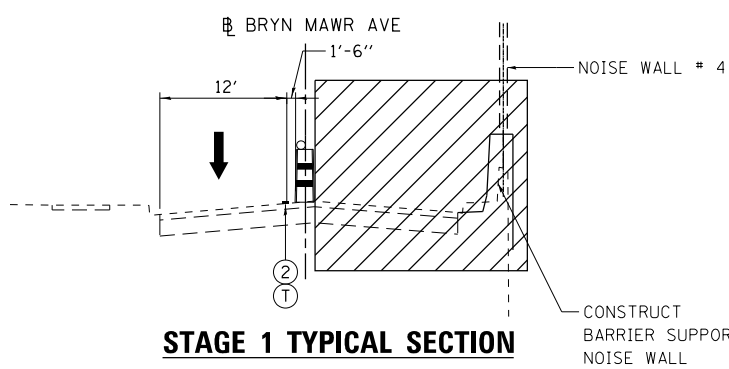
- WORK AREA
- TEMPORARY PAVEMENT (CURRENT STAGE)
- TEMPORARY PAVEMENT (PREVIOUS STAGES)
- EXISTING TRAFFIC DIRECTION
- PROPOSED TRAFFIC DIRECTION
- TEMPORARY CONCRETE BARRIER
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- VERTICAL PANEL WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- ① PVT MK - LINE 4" 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
- Ⓟ PAVT MK TAPE TYP IV
- Ⓣ TEMP PAVT MARKING

NOTES:

- 1) CONTRACTOR SHALL PERFORM CONSTRUCTION ACTIVITIES FOR NOISE WALL #1 OFF THE ROADWAY AND INSTALL TRAFFIC CONTROL ALONG SERBIAN ROAD AS SHOWN ON THE PLANS. NORMAL TWO DIRECTION TRAFFIC CONFIGURATION SHALL BE MAINTAINED DURING CONSTRUCTION OF NOISE WALL #1. TEMPORARY SINGLE LANE CLOSURE WHEN REQUIRED ALONG SERBIAN ROAD SHALL BE ACCORDING TO APPLICABLE HIGHWAY STANDARD DURING THE ALLOWABLE HOURS SPECIFIED IN SPECIAL PROVISION.
- 2) NOISE WALL #2.2: NORMAL TWO LANE EASTBOUND TRAFFIC SHALL BE MAINTAINED ALONG HIGGINS AVE DURING PEAK HOURS AND NON-WORKING HOURS, AS SPECIFIED IN SPECIAL PROVISION "KEEPING THE ARTERIAL ROADWAYS OPEN TO TRAFFIC".
- 3) CONSTRUCT NOISE WALL #2.2 UTILIZING THE TEMPORARY SINGLE LANE CLOSURE ACCORDING TO APPLICABLE HIGHWAY STANDARD DURING ALLOWABLE HOURS AS SPECIFIED IN SPECIAL PROVISION "KEEPING THE ARTERIAL ROADWAYS OPEN TO TRAFFIC".
- 4) NOISE WALL #3: NORMAL TWO DIRECTION TRAFFIC CONFIGURATION SHALL BE MAINTAINED ALONG HIGGINS AVE DURING PEAK HOUR AND NON WORKING HOURS.
- 5) CONSTRUCT NOISE WALL #3 UTILIZING TEMPORARY SINGLE LANE CLOSURE ACCORDING TO APPLICABLE HIGHWAY STANDARD DURING ALLOWABLE HOURS AS SPECIFIED IN SPECIAL PROVISION "KEEPING THE ARTERIAL ROADWAYS OPEN TO TRAFFIC".

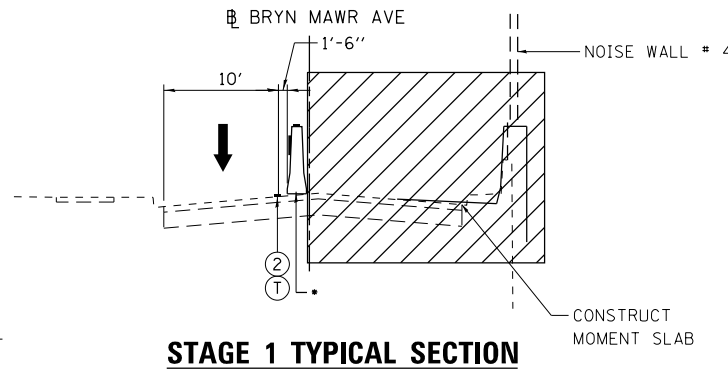
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) I-14	COOK	353	79
				CONTRACT NO. 60Y40
ILLINOIS FED. AID PROJECT				



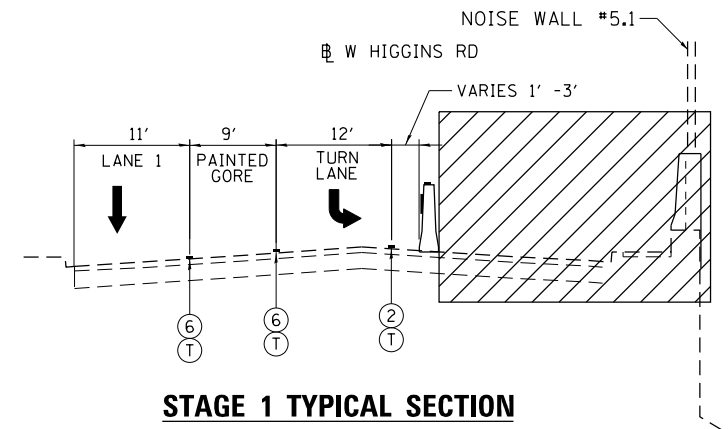
STAGE 1 TYPICAL SECTION

NOISE WALL #4
WEST BRYN MAWR AVE BETWEEN ORIOLE AVE AND HARLEM AVE
FROM STA. 100+00 TO STA. 101+50
(LOOKING EAST)



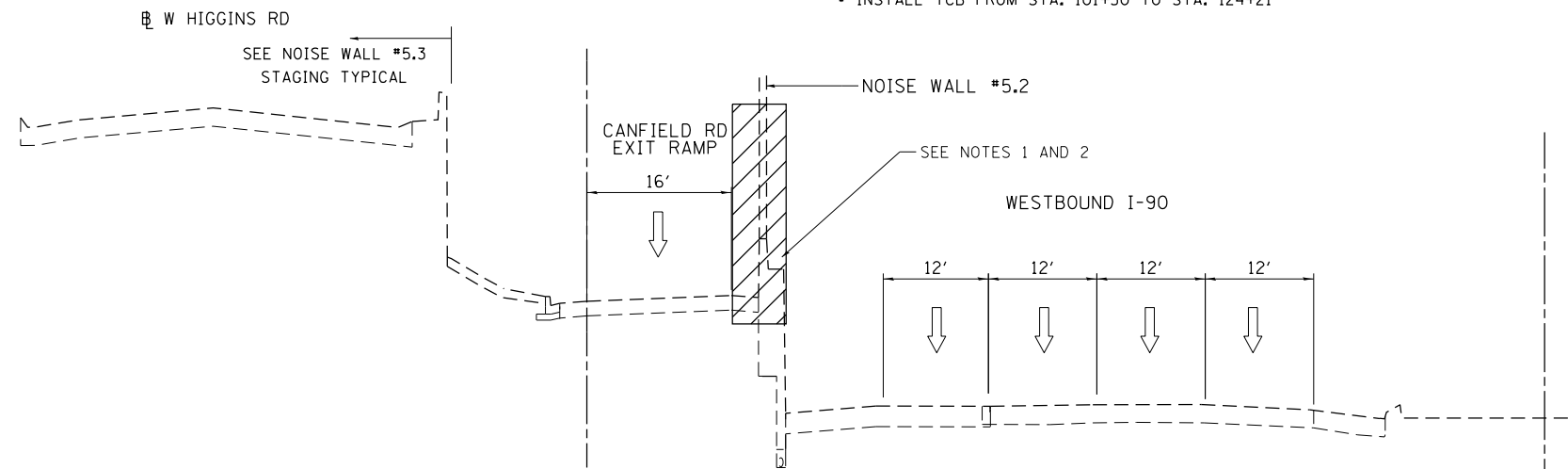
STAGE 1 TYPICAL SECTION

NOISE WALL #4
WEST BRYN MAWR AVE BETWEEN ORIOLE AVE AND HARLEM AVE
FROM STA. 101+50 TO STA. 124+21
(LOOKING EAST)
• INSTALL TCB FROM STA. 101+50 TO STA. 124+21



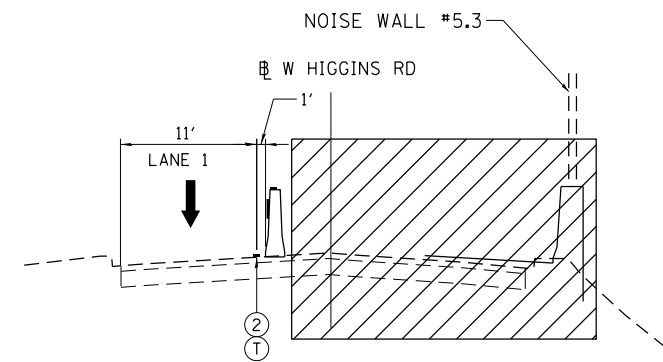
STAGE 1 TYPICAL SECTION

NOISE WALL #5.1
WEST HIGGINS RD EAST OF CANFIELD RD INTERSECTION
(LOOKING EAST)



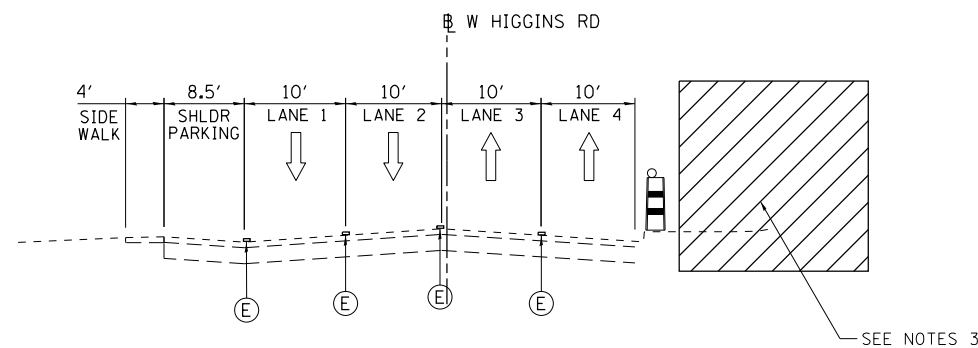
STAGE 1 TYPICAL SECTION

NOISE WALL #5.2
ALONG CANFIELD RD EXIT RAMP (LOOKING EAST)



STAGE 1 TYPICAL SECTION

NOISE WALL #5.3
WEST HIGGINS RD BETWEEN CANFIELD RD AND ORIOLE AVE
(LOOKING EAST)



STAGE 1 TYPICAL SECTION

NOISE WALL #6
WEST HIGGINS RD BETWEEN CUMBERLAND AVE AND CANFIELD RD
(LOOKING EAST)

MAINTENANCE OF TRAFFIC LEGEND

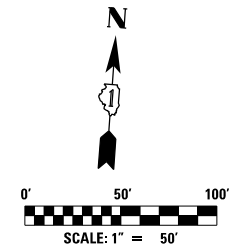
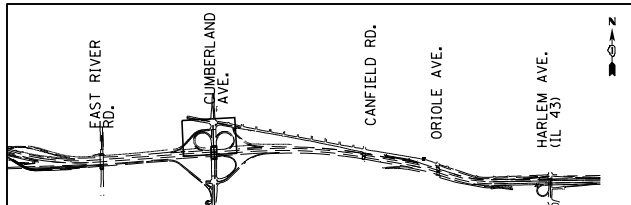
- WORK AREA
- TEMPORARY PAVEMENT (CURRENT STAGE)
- TEMPORARY PAVEMENT (PREVIOUS STAGES)
- EXISTING TRAFFIC DIRECTION
- PROPOSED TRAFFIC DIRECTION
- TEMPORARY CONCRETE BARRIER
- DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- VERTICAL PANEL WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- ① PVT MK - LINE 4" 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
- P PAVT MK TAPE TYP IV
- T TEMP PAVT MARKING

NOTES:

- 1) NORMAL TRAFFIC PATTERN SHALL BE MAINTAINED ALONG WB I-90 AND CANFIELD RD EXIT RAMP DURING PEAK HOURS AND NON-WORKING HOURS
- 2) CONSTRUCT NOISE WALL #5.2 UTILIZING THE TEMPORARY FULL WIDTH RAMP CLOSURE, TEMPORARY WB I-90 OUTSIDE SHOULDER CLOSURE AND WB I-90 OUTSIDE SINGLE LANE CLOSURE ACCORDING TO APPLICABLE DISTRICT DETAIL AND STATE HIGHWAY STANDARD DURING ALLOWABLE HOURS AS SPECIFIED IN SPECIAL PROVISION.
- 3) CONTRACTOR SHALL PERFORM CONSTRUCTION ACTIVITIES FOR NOISE WALL #6 OFF THE ROADWAY AND INSTALL TRAFFIC CONTROL ALONG HIGGINS ROAD AS SHOWN ON THE PLANS. NORMAL TWO DIRECTION TRAFFIC CONFIGURATION SHALL BE MAINTAINED DURING CONSTRUCTION OF NOISE WALL #6. TEMPORARY SINGLE LANE CLOSURE WHEN REQUIRED ALONG HIGGINS ROAD SHALL BE ACCORDING TO APPLICABLE HIGHWAY STANDARD DURING THE ALLOWABLE HOURS SPECIFIED IN SPECIAL PROVISION.

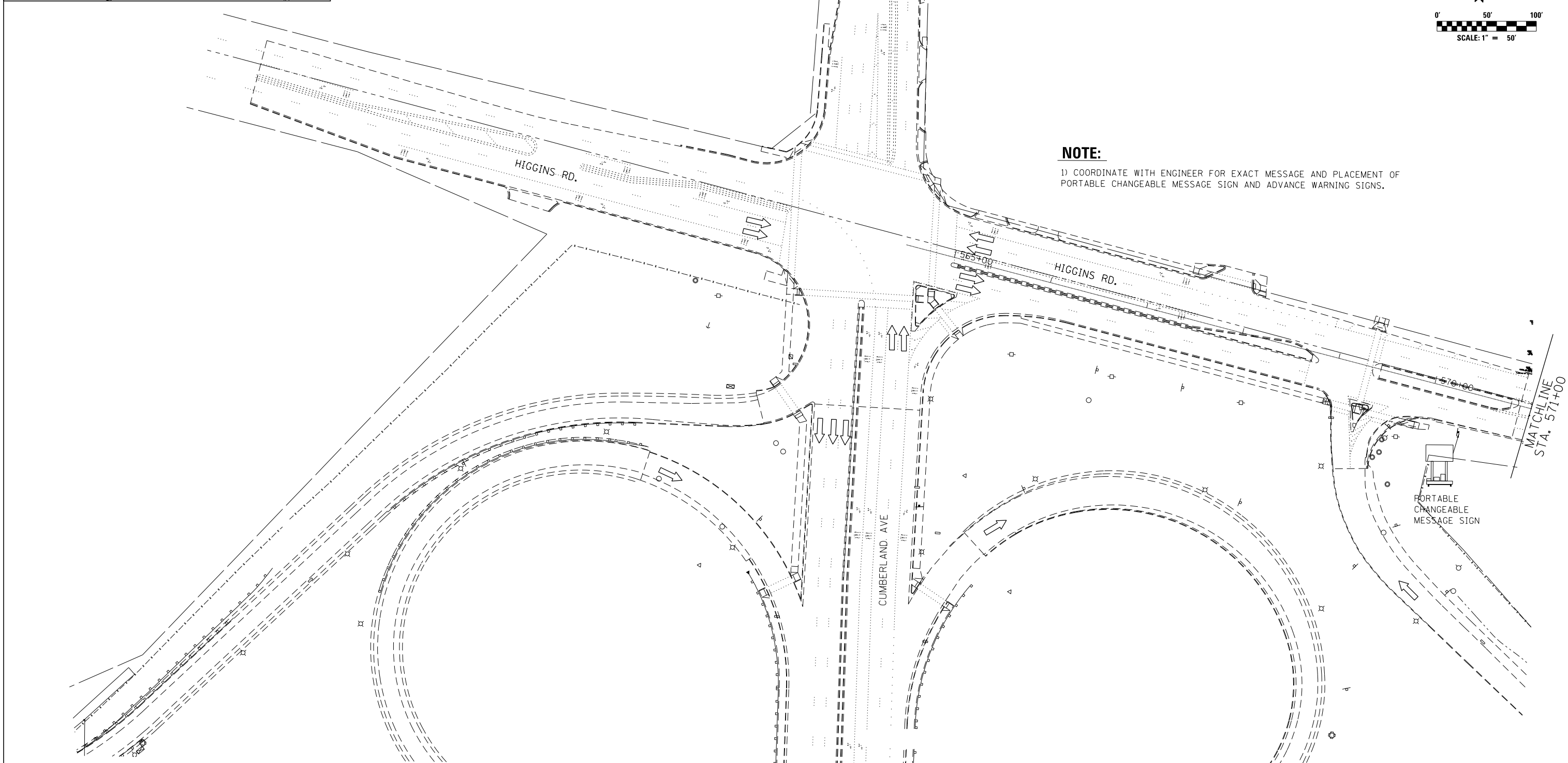
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	DATE 8/21/2017	REVISED -

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) I-14	COOK	353	80
			CONTRACT NO. 60Y40	
ILLINOIS FED. AID PROJECT				



NOTE:

1) COORDINATE WITH ENGINEER FOR EXACT MESSAGE AND PLACEMENT OF PORTABLE CHANGEABLE MESSAGE SIGN AND ADVANCE WARNING SIGNS.



MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		EXISTING TRAFFIC DIRECTION		ARROW BOARD		1 PVT MK - LINE 4" WHITE		7 PVT MK - LINE 12"
	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		PROPOSED SIGN		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		TYPE II BARRICADE OR DRUM W/ FLASHING MONO-DIRECTIONAL LIGHT		4 PVT MK - LINE 5" WHITE		E EXIST PVT MK
			FLASHING MONO-DIRECTIONAL LIGHT				5 PVT MK - LINE 6" WHITE		T TEMP PVT MK
							6 PVT MK - LINE 8" WHITE		

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USER NAME = *USER*	DESIGNED MAM	REVISED -
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PLOT DATE = 9-13-2017	CHECKED MAM	REVISED -
	DATE 8/21/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 NOISE WALLS FROM CUMBERLAND AVE TO HARLEM AVE
SUGGESTED STAGING AND TRAFFIC CONTROL
STAGE 1**

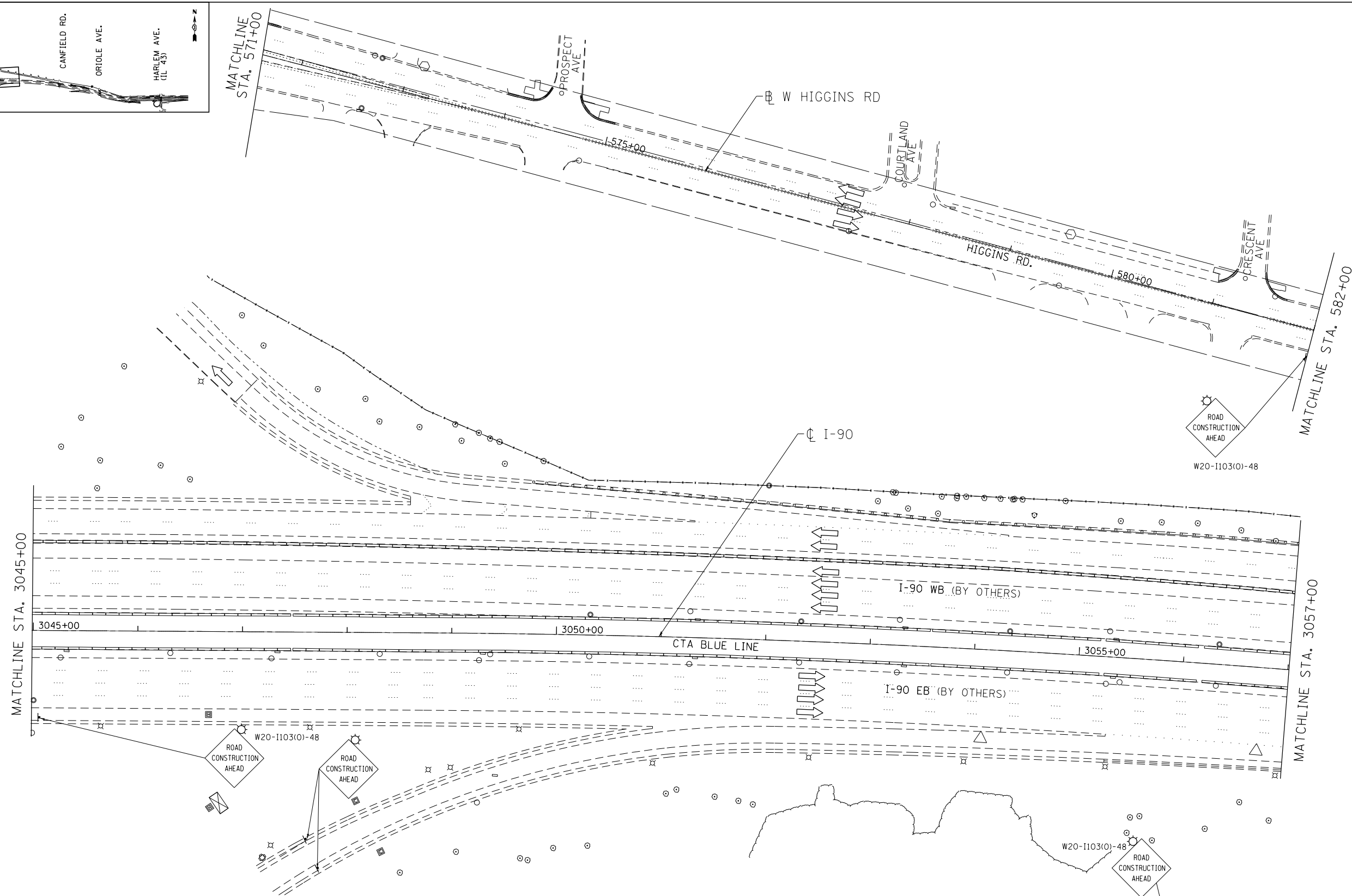
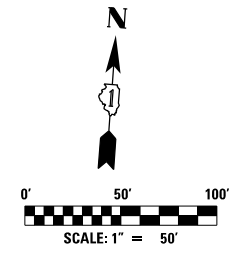
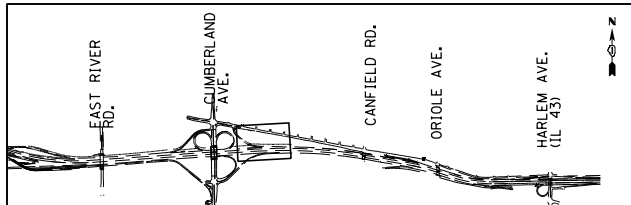
SCALE: 1"=50' SHEET NO. 5 OF 15 SHEETS STA. 3031+75 TO STA. 3045+00

F.A.I. RTE. 90	SECTION (1517 & 1415) I-14	COUNTY COOK	TOTAL SHEETS 353	SHEET NO. 81
CONTRACT NO. 60Y40			ILLINOIS FED. AID PROJECT	

MOT-01-1

MATCHLINE STA. 3045+00

MATCHLINE STA. 571+00



MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		EXISTING TRAFFIC DIRECTION		ARROW BOARD		PVT MK - LINE 4" WHITE		PVT MK - LINE 12"
	TEMPORARY PAVEMENT (CURRENT STAGE)		PROPOSED TRAFFIC DIRECTION		VERTICAL PANEL WITH STEADY BURN MONO-DIRECTIONAL LIGHT		PVT MK - LINE 4" YELLOW		PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT (PREVIOUS STAGES)		BARRICADE, TYPE III, W/ FLASHING MONO-DIRECTIONAL LIGHTS		PROPOSED SIGN		PVT MK - DBL 4" YELLOW		PVT MK - LTRS & SYMB
	TEMPORARY CONCRETE BARRIER		TYPE II BARRICADE OR DRUM W/ STEADY BURN MONO-DIRECTIONAL LIGHT		TYPE II BARRICADE OR DRUM W/ FLASHING MONO-DIRECTIONAL LIGHT		PVT MK - LINE 5" WHITE		EXIST PVT MK
			FLASHING MONO-DIRECTIONAL LIGHT				PVT MK - LINE 6" WHITE		PAVT MK TAPE TYP IV
							PVT MK - LINE 8" WHITE		TEMP PVT MK

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USER NAME = #USER#	DESIGNED MAM	REVISED -
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DATE 8/21/2017	REVISOR -	

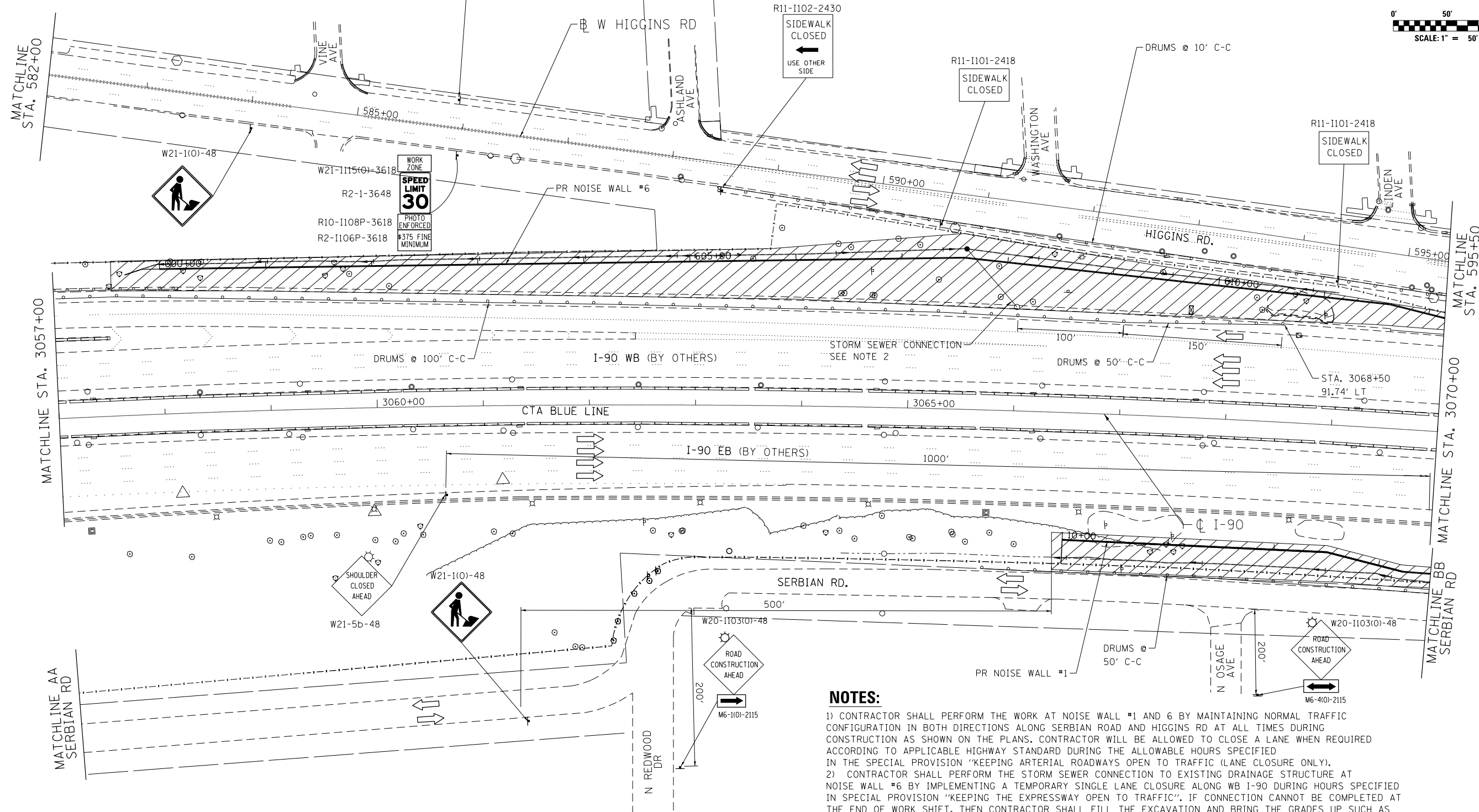
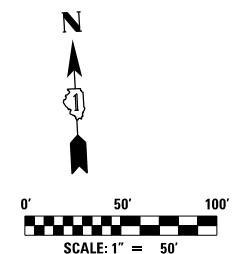
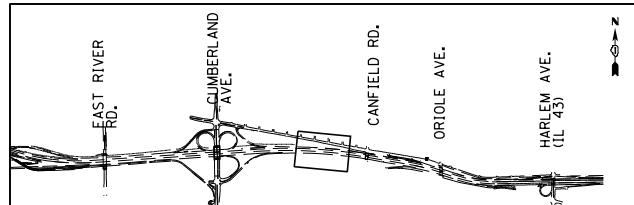
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 NOISE WALLS FROM CUMBERLAND AVE TO HARLEM AVE
SUGGESTED STAGING AND TRAFFIC CONTROL
STAGE 1**

SCALE: 1"=50' SHEET NO. 6 OF 15 SHEETS STA. 3045+00 TO STA. 3057+00

F.A.I. RTE. 90	SECTION (1517 & 1415) I-14	COUNTY COOK	TOTAL SHEETS 353	SHEET NO. 82
CONTRACT NO. 60Y40			ILLINOIS FED. AID PROJECT	

MOT-01-2



NOTES:

1) CONTRACTOR SHALL PERFORM THE WORK AT NOISE WALL #1 AND 6 BY MAINTAINING NORMAL TRAFFIC CONFIGURATION IN BOTH DIRECTIONS ALONG SERBIAN ROAD AND HIGGINS RD AT ALL TIMES DURING CONSTRUCTION AS SHOWN ON THE PLANS. CONTRACTOR WILL BE ALLOWED TO CLOSE A LANE WHEN REQUIRED ACCORDING TO APPLICABLE HIGHWAY STANDARD DURING THE ALLOWABLE HOURS SPECIFIED IN THE SPECIAL PROVISION "KEEPING ARTERIAL ROADWAYS OPEN TO TRAFFIC (LANE CLOSURE ONLY).

2) CONTRACTOR SHALL PERFORM THE STORM SEWER CONNECTION TO EXISTING DRAINAGE STRUCTURE AT NOISE WALL #6 BY IMPLEMENTING A TEMPORARY SINGLE LANE CLOSURE ALONG WB I-90 DURING HOURS SPECIFIED IN SPECIAL PROVISION "KEEPING THE EXPRESSWAY OPEN TO TRAFFIC". IF CONNECTION CANNOT BE COMPLETED AT THE END OF WORK SHIFT, THEN CONTRACTOR SHALL FILL THE EXCAVATION AND BRING THE GRADES UP SUCH AS THE DROP OFF AT THE EDGE OF SHOULDER IS NOT MORE THAN 12".

MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		EXISTING TRAFFIC DIRECTION		ARROW BOARD		1 PVT MK - LINE 4" WHITE		7 PVT MK - LINE 12"
	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		PROPOSED SIGN		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		TYPE II BARRICADE OR DRUM W/ FLASHING MONO-DIRECTIONAL LIGHT		4 PVT MK - LINE 5" WHITE		E EXIST PVT MK
			FLASHING MONO-DIRECTIONAL LIGHT		5 PVT MK - LINE 6" WHITE		P PAVT MK TAPE TYP IV		T TEMP PVT MK
			6 PVT MK - LINE 8" WHITE						

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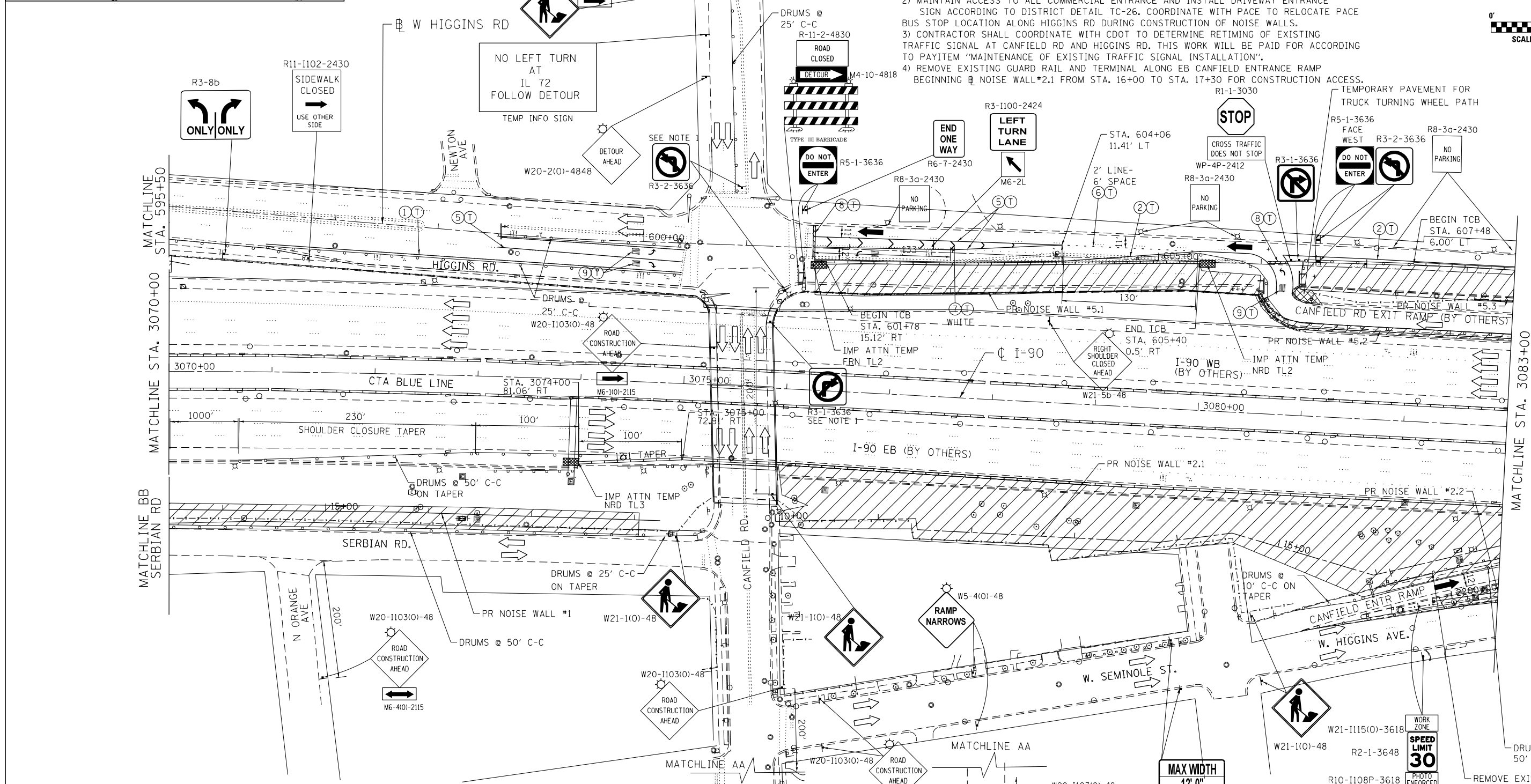
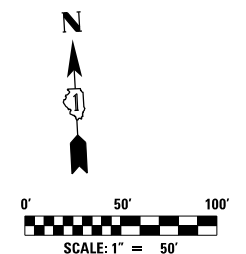
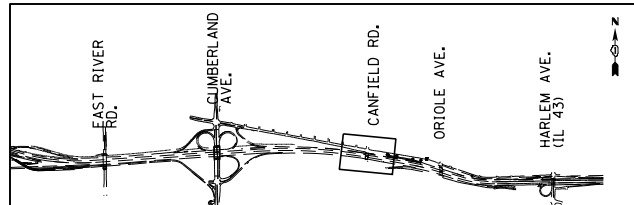
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 NOISE WALLS FROM CUMBERLAND AVE TO HARLEM AVE
SUGGESTED STAGING AND TRAFFIC CONTROL
STAGE 1**

SCALE: 1"=50' SHEET NO. 7 OF 15 SHEETS STA. 3057+00 TO STA. 3070+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) I-14	COOK	353	83
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y40	

MOT-01-3



MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		EXISTING TRAFFIC DIRECTION		ARROW BOARD		PVT MK - LINE 4" WHITE		PVT MK - LINE 12"
	TEMPORARY PAVEMENT (CURRENT STAGE)		PROPOSED TRAFFIC DIRECTION		VERTICAL PANEL WITH STEADY BURN MONO-DIRECTIONAL LIGHT		PVT MK - LINE 4" YELLOW		PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT (PREVIOUS STAGES)		BARRICADE, TYPE III, W/ FLASHING MONO-DIRECTIONAL LIGHTS		PROPOSED SIGN		PVT MK - DBL 4" YELLOW		PVT MK - LTRS & SYMB
	TEMPORARY CONCRETE BARRIER		TYPE II BARRICADE OR DRUM W/ STEADY BURN MONO-DIRECTIONAL LIGHT		TYPE II BARRICADE OR DRUM W/ FLASHING MONO-DIRECTIONAL LIGHT		PVT MK - LINE 5" WHITE		EXIST PVT MK
			FLASHING MONO-DIRECTIONAL LIGHT				PVT MK - LINE 6" WHITE		PAVT MK TAPE TYP IV
							PVT MK - LINE 8" WHITE		TEMP PVT MK

NOTES:

- 1) INSTALL TEMPORARY SIGNAL AT HIGGINS RD/CANFIELD RD INTERSECTION AND CLOSE EASTBOUND HIGGINS RD TO TRAFFIC BETWEEN CANFIELD RD TO ORIOLE AVE. INSTALL NO RIGHT TURN SIGN ADJACENT TO SIGNAL FACE VIEWED BY NB CANFIELD RD ROAD USERS IN THE RIGHT LANE AND INSTALL NO LEFT TURN SIGN ADJACENT TO SIGNAL FACE VIEWED BY SB CANFIELD RD ROAD USERS IN THE LEFT LANE. DETOUR EB HIGGINS RD TRAFFIC ACCORDING TO DETOUR PLAN SHEET MOT-DET-1
- 2) MAINTAIN ACCESS TO ALL COMMERCIAL ENTRANCE AND INSTALL DRIVEWAY ENTRANCE SIGN ACCORDING TO DISTRICT DETAIL TC-26. COORDINATE WITH PACE TO RELOCATE PACE BUS STOP LOCATION ALONG HIGGINS RD DURING CONSTRUCTION OF NOISE WALLS.
- 3) CONTRACTOR SHALL COORDINATE WITH CDOT TO DETERMINE RETIMING OF EXISTING TRAFFIC SIGNAL AT CANFIELD RD AND HIGGINS RD. THIS WORK WILL BE PAID FOR ACCORDING TO PAYITEM "MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION".
- 4) REMOVE EXISTING GUARD RAIL AND TERMINAL ALONG EB CANFIELD ENTRANCE RAMP BEGINNING @ NOISE WALL #2.1 FROM STA. 16+00 TO STA. 17+30 FOR CONSTRUCTION ACCESS.

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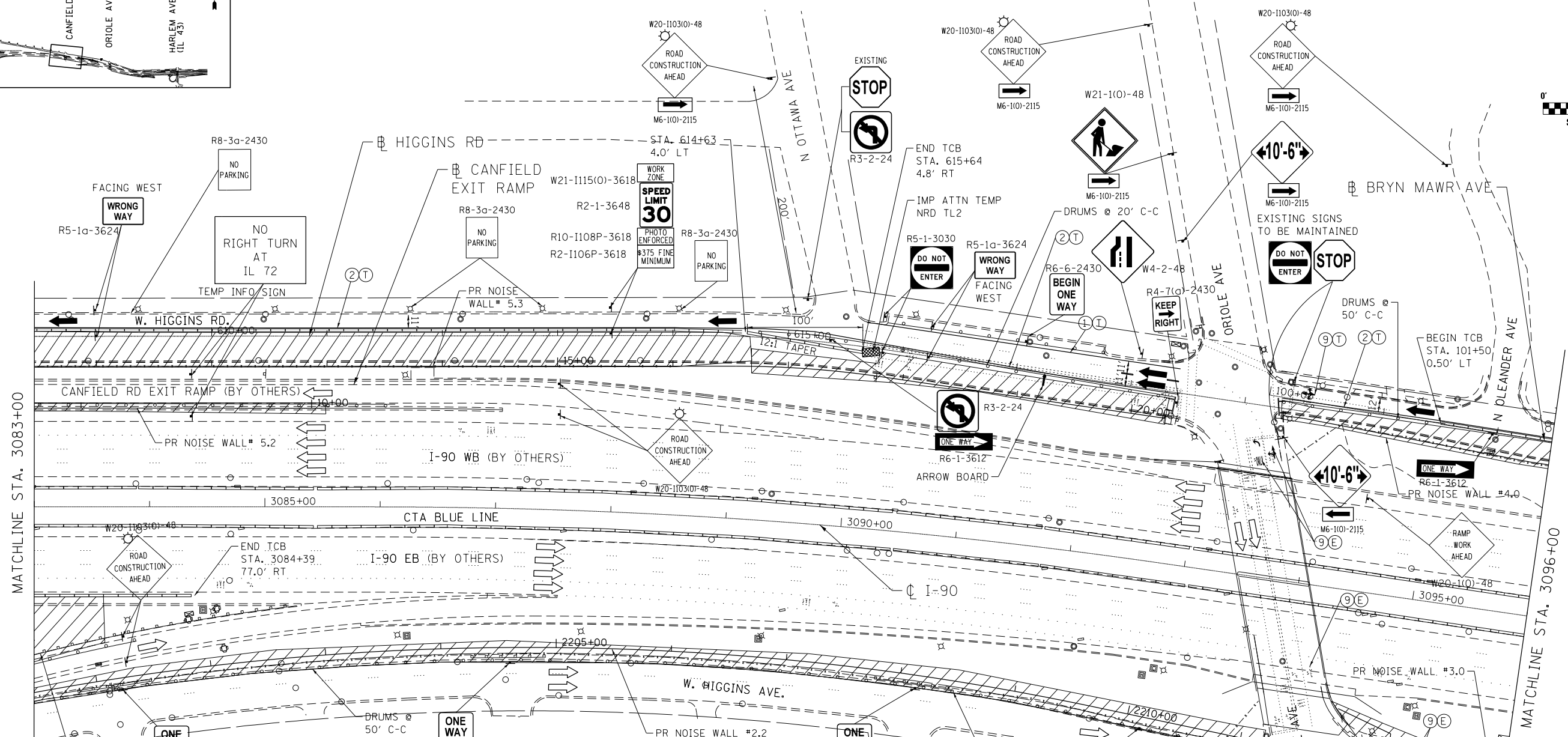
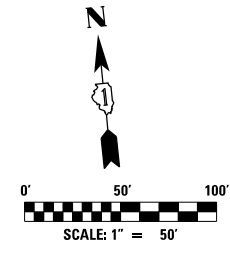
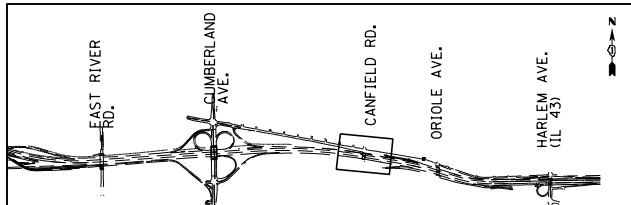
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 NOISE WALLS FROM CUMBERLAND AVE TO HARLEM AVE
SUGGESTED STAGING AND TRAFFIC CONTROL
STAGE 1**

SCALE: 1"=50' SHEET NO. 8 OF 15 SHEETS STA. 3070+00 TO STA. 3083+00

F.A.I. RTE. 90	SECTION (1517 & 1415) I-14	COUNTY COOK	TOTAL SHEETS 353	SHEET NO. 84
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y40	



- NOTES:**
- 1) NOISE WALL #2.2: IMPLEMENT TEMPORARY LANE CLOSURE ALONG HIGGINS AVE (SOUTH OF I-90) DURING CONSTRUCTION OF NOISE WALL ACCORDING TO APPLICABLE HIGHWAY STANDARD DURING THE ALLOWABLE HOURS SPECIFIED IN SPECIAL PROVISION "KEEPING ARTERIAL ROADWAYS OPEN TO TRAFFIC (LANE CLOSURE ONLY)."
 - 2) MAINTAIN TRAFFIC AS EXISTING ALONG HIGGINS AVE (SOUTH OF I-90) AS SHOWN ON THE PLANS DURING NON-WORKING HOURS.
 - 3) NOISE WALL #5.2: IMPLEMENT TEMPORARY FULL RAMP CLOSURE ALONG CANFIELD EXIT RAMP, AND DETOUR TRAFFIC AS SHOWN ON SHEET MOT-DET-2 DURING THE ALLOWABLE HOURS SPECIFIED IN "KEEPING THE EXPRESSWAY OPEN TO TRAFFIC" SPECIAL PROVISION. WB I-90 TEMPORARY OUTSIDE SHOULDER CLOSURE AND TEMPORARY OUTSIDE LANE CLOSURE WILL BE ALLOWED SHALL BE ACCORDING TO APPLICABLE DISTRICT DETAIL AND HIGHWAY STANDARD.
 - 4) REFER TO "DETOUR RESTRICTION" SPECIAL PROVISION FOR MORE DETAILS.
 - 5) NOISE WALL #5.3: CLOSE EASTBOUND HIGGINS RD (NORTH OF I-90) TO THRU TRAFFIC AND DETOUR EB TRAFFIC ACCORDING TO DETOUR PLAN SHEET MOT-DET-1. MAINTAIN WB TRAFFIC ON EXISTING PAVEMENT AS SHOWN ON THE PLANS.
 - 6) INSTALL "ROAD CONSTRUCTION AHEAD" ON ALL SIDE STREETS ACCORDING TO DISTRICT 1 DETAIL TC-10.

MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		EXISTING TRAFFIC DIRECTION		ARROW BOARD		1 PVT MK - LINE 4" WHITE		7 PVT MK - LINE 12"
	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		3 PVT MK - DBL 4" YELLOW		9 PVT MK - LTRS & SYMB
	TEMPORARY CONCRETE BARRIER		FLASHING MONO-DIRECTIONAL LIGHT		PROPOSED SIGN		4 PVT MK - LINE 5" WHITE		E EXIST PVT MK
			FLASHING MONO-DIRECTIONAL LIGHT		TYPE II BARRICADE OR DRUM W/ FLASHING MONO-DIRECTIONAL LIGHT		5 PVT MK - LINE 6" WHITE		P PAVT MK TAPE TYP IV
			FLASHING MONO-DIRECTIONAL LIGHT		TEMP PVT MK		6 PVT MK - LINE 8" WHITE		T TEMP PVT MK

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USER NAME = *USER*	DESIGNED MAM	REVISIONS	REVISIONS
PLOT SCALE = *SCALE*	DRAWN MAM	REVISIONS	REVISIONS
PLOT DATE = 9-13-2017	CHECKED MAM	REVISIONS	REVISIONS
	DATE 8/21/2017	REVISIONS	REVISIONS

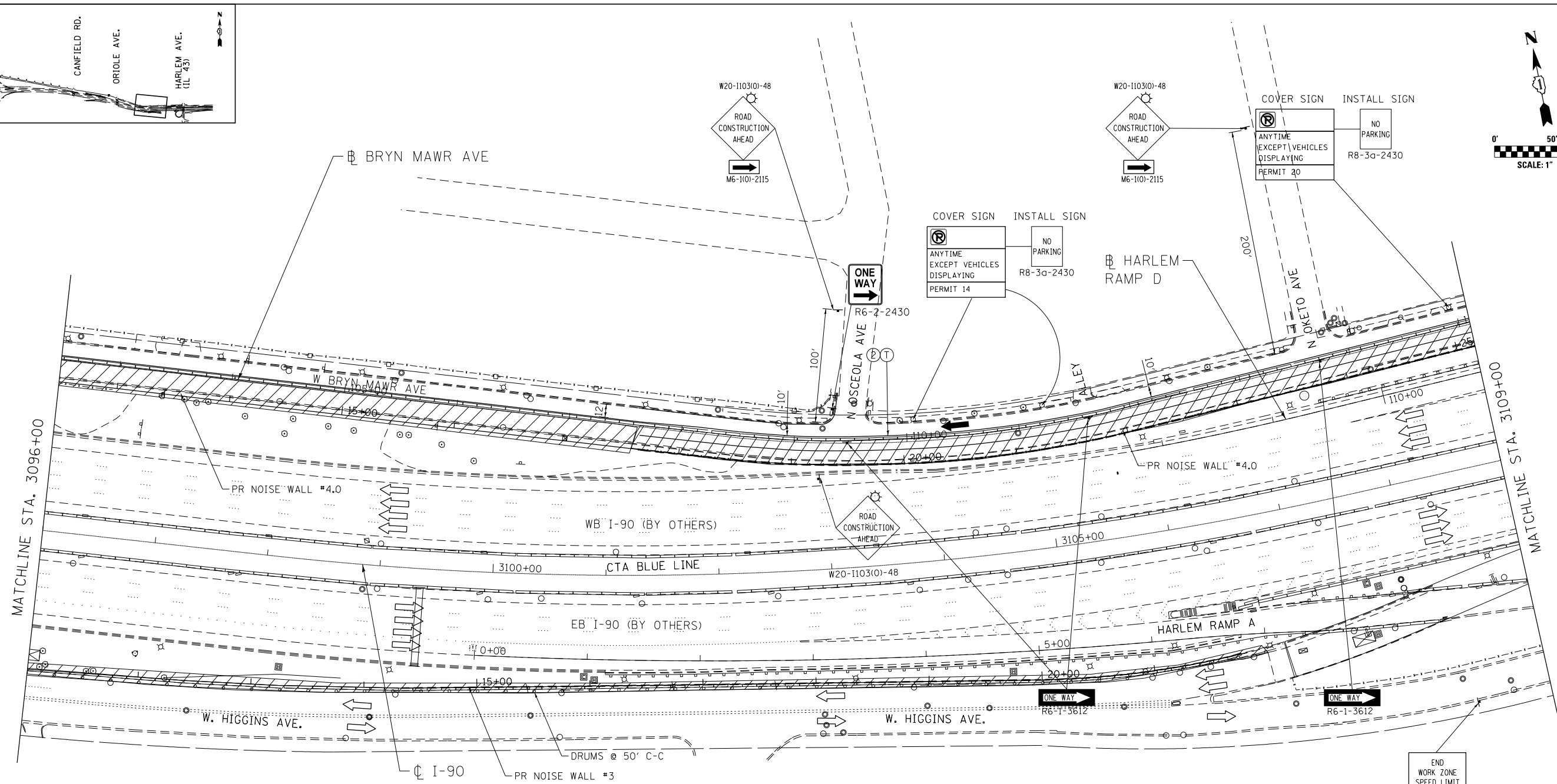
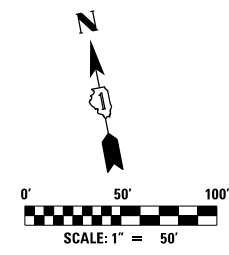
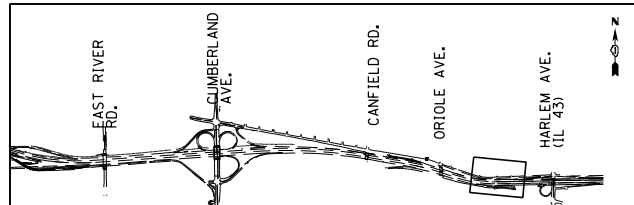
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DEPARTMENT OF TRANSPORTATION**

**I-90 NOISE WALLS FROM CUMBERLAND AVE TO HARLEM AVE
SUGGESTED STAGING AND TRAFFIC CONTROL
STAGE 1**

SCALE: 1"=50' SHEET NO. 9 OF 15 SHEETS STA. 3083+00 TO STA. 3096+00

F.A.I. RTE. 90	SECTION (1517 & 1415) I-14	COUNTY COOK	TOTAL SHEETS 353	SHEET NO. 85
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y40	

MOT-01-5



NOTES:

- 1) RESTRICT PARKING AND COVER ALL "NO PARKING ANYTIME EXCEPT VEHICLES DISPLAYING PERMIT 14,20,22" SIGNS ALONG BRYN MAWR AVE, AND HIGGINS AVE (SOUTH OF I-90) AND MAINTAIN TRAFFIC AS SHOWN ON THE PLANS.
- NOISE WALL #3:
- 2) IMPLEMENT TEMPORARY DAILY LANE CLOSURE DURING THE ALLOWABLE HOURS SPECIFIED IN SPECIAL PROVISION "KEEPING ARTERIAL ROADWAYS OPEN TO TRAFFIC (LANE CLOSURE ONLY).
- 3) MAINTAIN NORMAL TRAFFIC CONFIGURATION DURING PEAK HOURS AND NON-WORKING HOURS.
- 4) COORDINATE WITH PACE TO RELOCATE PACE BUS STOP LOCATION ALONG HIGGINS AVE DURING CONSTRUCTION OF NOISE WALLS.

MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		EXISTING TRAFFIC DIRECTION		ARROW BOARD		1 PVT MK - LINE 4" WHITE		7 PVT MK - LINE 12"
	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		PROPOSED SIGN		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		TYPE II BARRICADE OR DRUM W/ FLASHING MONO-DIRECTIONAL LIGHT		4 PVT MK - LINE 5" WHITE		E EXIST PVT MK
			FLASHING MONO-DIRECTIONAL LIGHT		5 PVT MK - LINE 6" WHITE		P PAVT MK TAPE TYP IV		T TEMP PVT MK
			6 PVT MK - LINE 8" WHITE						

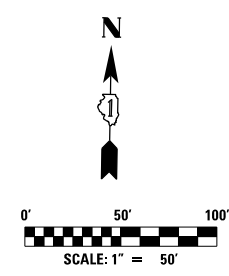
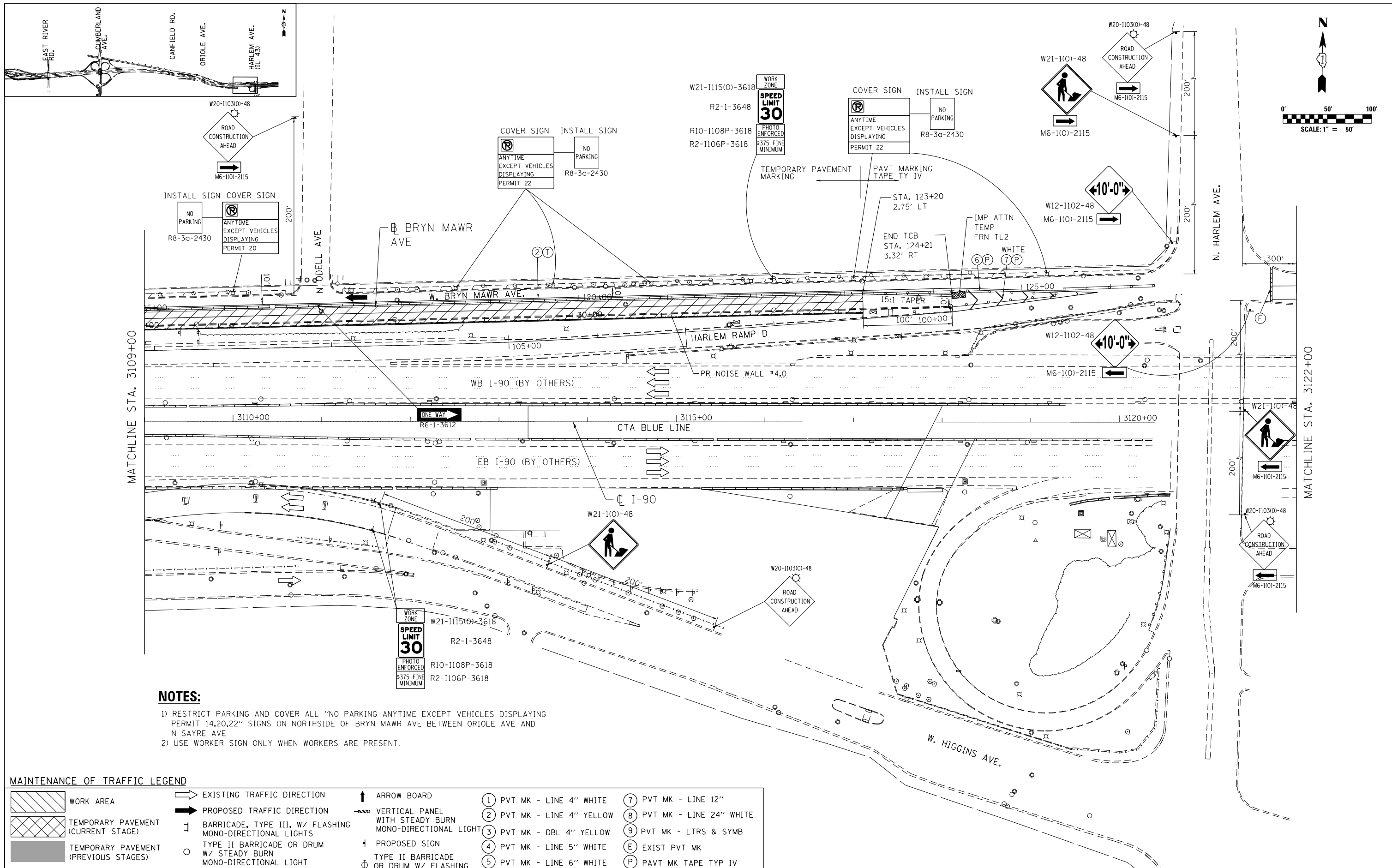
exp U.S. Services Inc. Chicago, IL BUILDINGS EARTH & ENVIRONMENT ENERGY INDUSTRIAL INFRASTRUCTURE SUSTAINABILITY

USER NAME = *USER*	DESIGNED MAM	REVISED -
DRAWN MAM	REVISED -	
CHECKED MAM	REVISED -	
DATE 8/21/2017	REVISED -	

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

I-90 NOISE WALLS FROM CUMBERLAND AVE TO HARLEM AVE SUGGESTED STAGING AND TRAFFIC CONTROL STAGE 1

F.A.I. RTE. 90	SECTION (1517 & 1415) I-14	COUNTY COOK	TOTAL SHEETS 353	SHEET NO. 86
SCALE: 1"=50'				CONTRACT NO. 60Y40
SHEET NO. 10 OF 15 SHEETS				ILLINOIS FED. AID PROJECT



NOTES:

- 1) RESTRICT PARKING AND COVER ALL "NO PARKING ANYTIME EXCEPT VEHICLES DISPLAYING PERMIT 14,20,22" SIGNS ON NORTHSIDE OF BRYN MAWR AVE BETWEEN ORIOLE AVE AND N SAYRE AVE
- 2) USE WORKER SIGN ONLY WHEN WORKERS ARE PRESENT.

MAINTENANCE OF TRAFFIC LEGEND

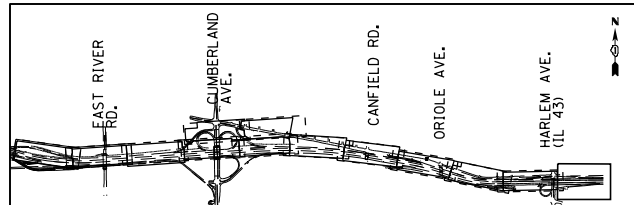
	WORK AREA		EXISTING TRAFFIC DIRECTION		ARROW BOARD		PVT MK - LINE 4" WHITE		PVT MK - LINE 12"
	TEMPORARY PAVEMENT (CURRENT STAGE)		PROPOSED TRAFFIC DIRECTION		VERTICAL PANEL WITH STEADY BURN MONO-DIRECTIONAL LIGHT		PVT MK - LINE 4" YELLOW		PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT (PREVIOUS STAGES)		BARRICADE, TYPE III, W/ FLASHING MONO-DIRECTIONAL LIGHTS		PROPOSED SIGN		PVT MK - DBL 4" YELLOW		PVT MK - LTRS & SYMB
	TEMPORARY CONCRETE BARRIER		TYPE II BARRICADE OR DRUM W/ STEADY BURN MONO-DIRECTIONAL LIGHT		TYPE II BARRICADE OR DRUM W/ FLASHING MONO-DIRECTIONAL LIGHT		PVT MK - LINE 5" WHITE		EXIST PVT MK
			FLASHING MONO-DIRECTIONAL LIGHT		PVT MK - LINE 6" WHITE		PVT MK - LINE 8" WHITE		PAVT MK TAPE TYP IV
					TEMP PVT MK				

exp U.S. Services Inc. Chicago, IL BUILDINGS EARTH & ENVIRONMENT ENERGY INDUSTRIAL INFRASTRUCTURE SUSTAINABILITY	USER NAME = *USER*	DESIGNED MAM	REVISED -
	PLOT SCALE = *SCALE*	DRAWN MAM	REVISED -
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		DATE 8/21/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

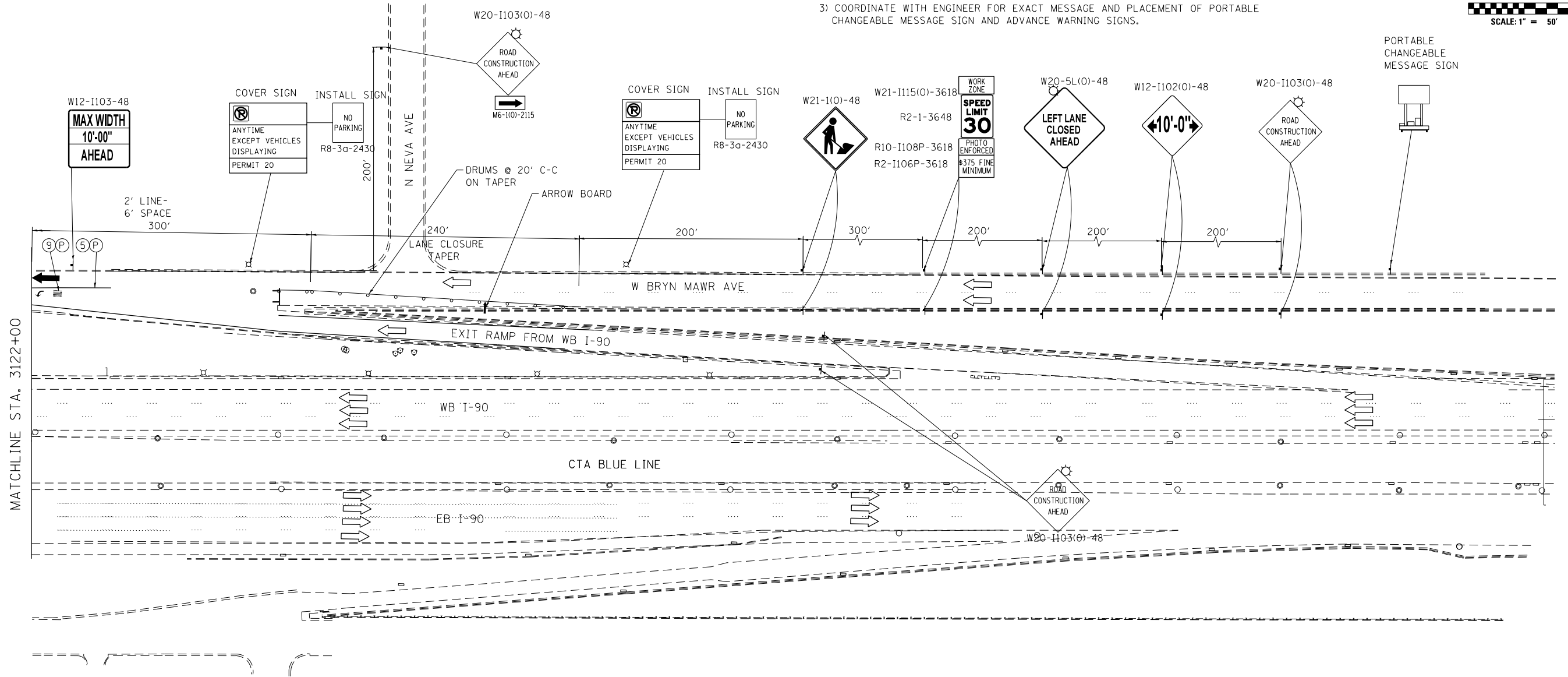
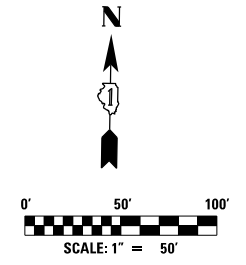
**I-90 NOISE WALLS FROM CUMBERLAND AVE TO HARLEM AVE
SUGGESTED STAGING AND TRAFFIC CONTROL
STAGE 1**

F.A.I. RTE. 90	SECTION (1517 & 1415) I-14	COUNTY COOK	TOTAL SHEETS 353	SHEET NO. 87
CONTRACT NO. 60Y40				
ILLINOIS FED. AID PROJECT				



NOTES:

- 1) RESTRICT PARKING AND COVER ALL "NO PARKING ANYTIME EXCEPT VEHICLES DISPLAYING PERMIT 14,20,22" SIGNS ON NORTHSIDE OF BRYN MAWR AVE BETWEEN ORIOLE AVE AND N SAYRE AVE
- 2) USE WORKER SIGN ONLY WHEN WORKERS ARE PRESENT.
- 3) COORDINATE WITH ENGINEER FOR EXACT MESSAGE AND PLACEMENT OF PORTABLE CHANGEABLE MESSAGE SIGN AND ADVANCE WARNING SIGNS.



MAINTENANCE OF TRAFFIC LEGEND

WORK AREA	EXISTING TRAFFIC DIRECTION	ARROW BOARD	① PVT MK - LINE 4" WHITE	⑦ PVT MK - LINE 12"
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	PROPOSED SIGN	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	TYPE II BARRICADE OR DRUM W/ FLASHING MONO-DIRECTIONAL LIGHT	④ PVT MK - LINE 5" WHITE	E EXIST PVT MK
	FLASHING MONO-DIRECTIONAL LIGHT		⑤ PVT MK - LINE 6" WHITE	P PAVT MK TAPE TYP IV
			⑥ PVT MK - LINE 8" WHITE	T TEMP PVT MK

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

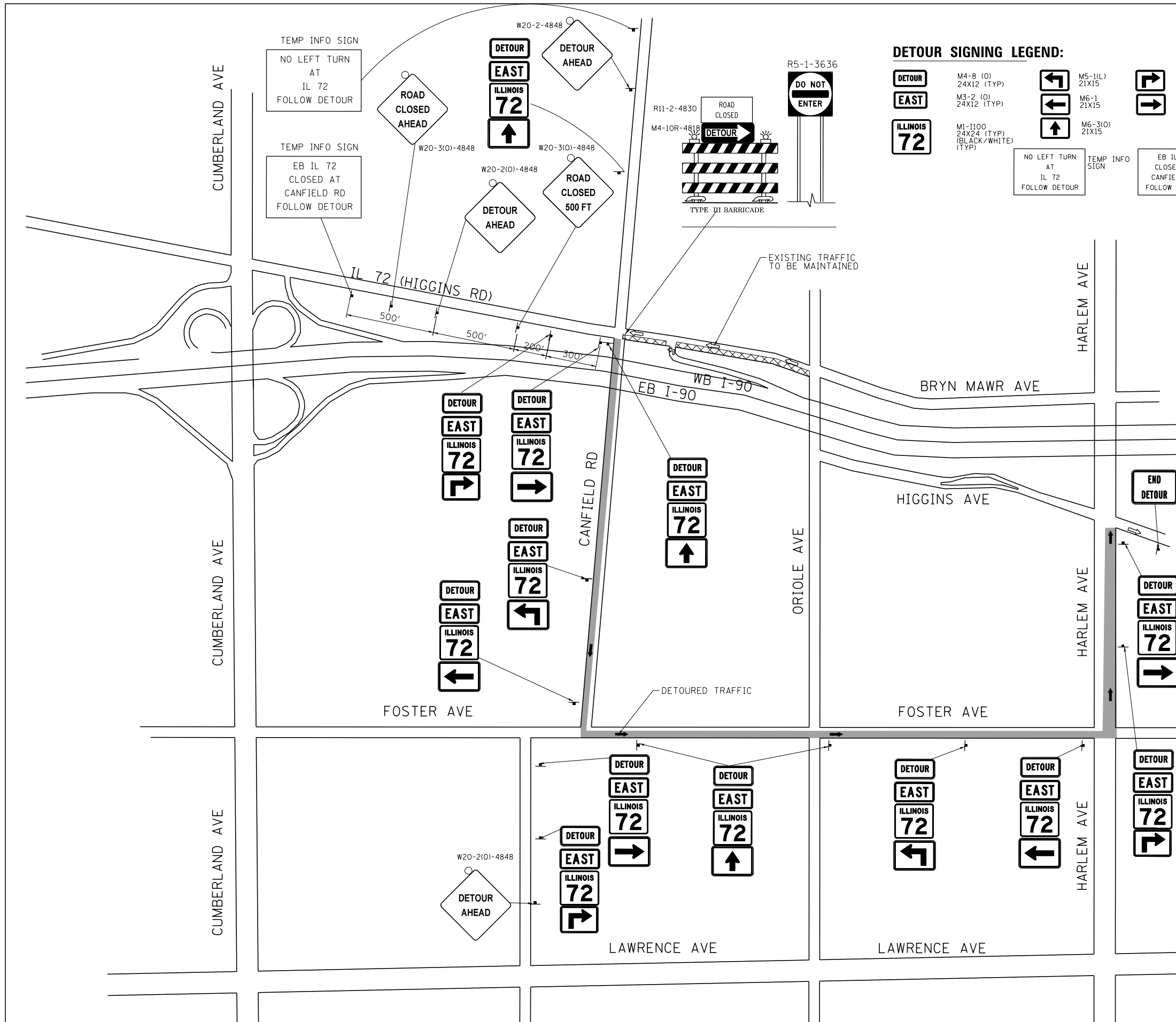
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PLOT SCALE = *SCALE*	DRAWN MAM	REVISED -
PLOT DATE = 9-13-2017	CHECKED MAM	REVISED -
	DATE 8/21/2017	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

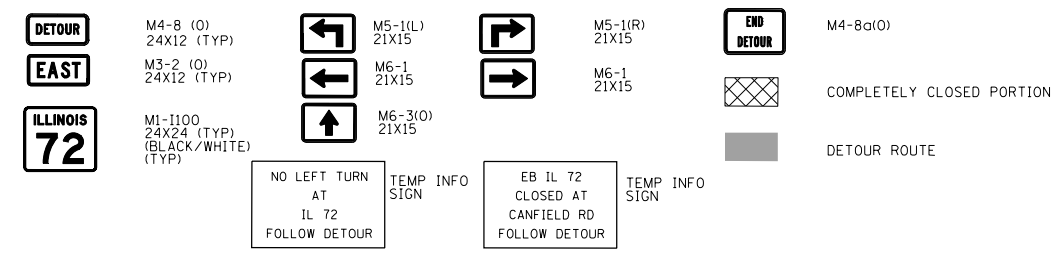
**I-90 NOISE WALLS FROM CUMBERLAND AVE TO HARLEM AVE
 SUGGESTED STAGING AND TRAFFIC CONTROL
 STAGE 1**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) I-14	COOK	353	88
			CONTRACT NO. 60Y40	
ILLINOIS FED. AID PROJECT				

MOT-01-8



DETOUR SIGNING LEGEND:



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 RD EB TRAFFIC. THIS WORK WILL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).
- 2) CLOSE HIGGINS RD TO EASTBOUND TRAFFIC AND DETOUR AS SHOWN ON THE DETOUR PLAN. MAINTAIN WB HIGGINS RD TRAFFIC AS SHOWN. FOR LANE CONFIGURATION AND TRAFFIC CONTROL ALONG HIGGINS AVE REFER TO SHEET MOT-01-04 & MOT-01-05.
- 3) CANFIELD RD EXIT RAMP DETOUR MAY COINCIDE WITH THE EB HIGGINS RD DETOUR, MAINTAIN 200' SIGN SPACING BETWEEN OVERLAPPING DETOUR SIGNS.
- 4) DETOUR SIGNING SHALL FOLLOW IDOT D1 DETAIL TC-21.
- 5) 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".
- 6) 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.
- 7) REFER TO SHEET 91 FOR Tmporary INFORMATION SIGNS DETAILS.

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Chicago, IL
BUILDINGS EARTH & ENVIRONMENT ENERGY
INDUSTRIAL INFRASTRUCTURE SUSTAINABILITY

USER NAME = #USER#	DESIGNED MM	REVISED - -
	DRAWN MM	REVISED - -
PLOT SCALE = #SCALE#	CHECKED	REVISED - -
PLOT DATE = 9-13-2017	DATE 8/21/2017	REVISED - -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 NOISE WALLS FROM CUMBERLAND AVE TO HARLEM AVE
SUGGESTED STAGING AND TRAFFIC CONTROL
EB HIGGINS RD DETOUR**

SCALE: 1" = 200' SHEET NO. 13 OF 15 SHEETS STA. TO STA.

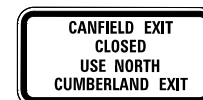
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) I-14	COOK	353	89
CONTRACT NO. 60Y40				
ILLINOIS FED. AID PROJECT				

MOT-DET-1

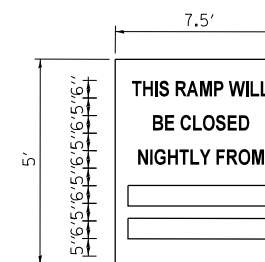


DETOUR SIGNING LEGEND:

- COMPLETELY CLOSED PORTION
- DETOUR ROUTE



TEMP INFO SIGN-2
11'X6.5'

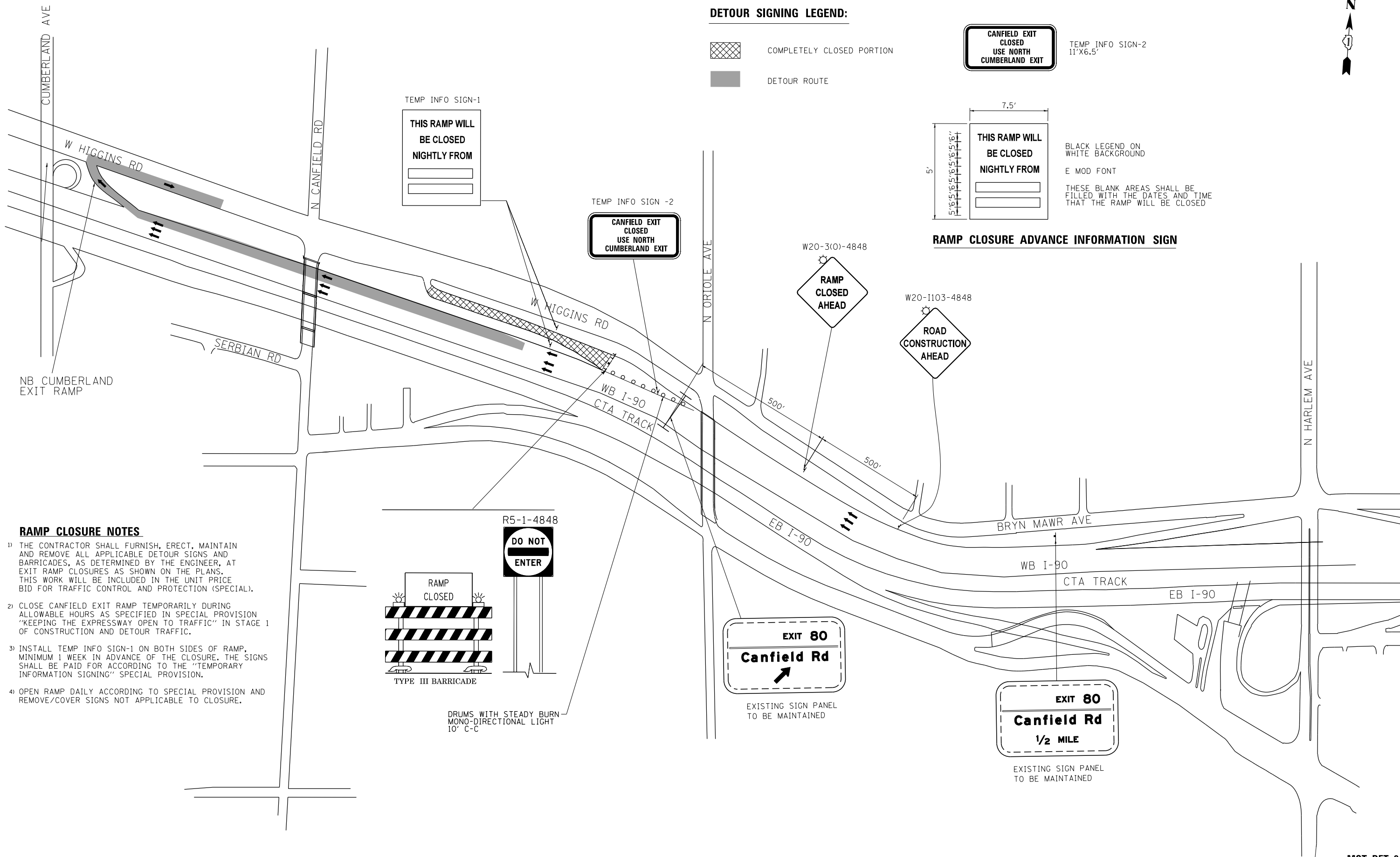


BLACK LEGEND ON WHITE BACKGROUND

E MOD FONT

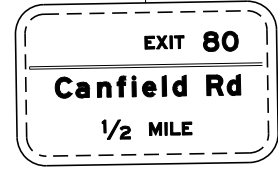
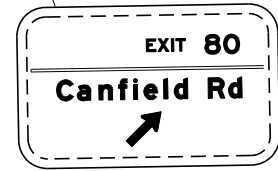
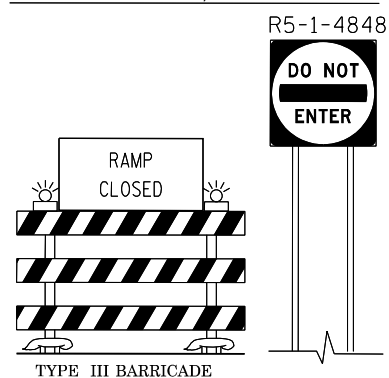
THESE BLANK AREAS SHALL BE FILLED WITH THE DATES AND TIME THAT THE RAMP WILL BE CLOSED

RAMP CLOSURE ADVANCE INFORMATION SIGN



RAMP CLOSURE NOTES

- 1) THE CONTRACTOR SHALL FURNISH, ERECT, MAINTAIN AND REMOVE ALL APPLICABLE DETOUR SIGNS AND BARRICADES, AS DETERMINED BY THE ENGINEER, AT EXIT RAMP CLOSURES AS SHOWN ON THE PLANS. THIS WORK WILL BE INCLUDED IN THE UNIT PRICE BID FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).
- 2) CLOSE CANFIELD EXIT RAMP TEMPORARILY DURING ALLOWABLE HOURS AS SPECIFIED IN SPECIAL PROVISION "KEEPING THE EXPRESSWAY OPEN TO TRAFFIC" IN STAGE 1 OF CONSTRUCTION AND DETOUR TRAFFIC.
- 3) INSTALL TEMP INFO SIGN-1 ON BOTH SIDES OF RAMP, MINIMUM 1 WEEK IN ADVANCE OF THE CLOSURE. THE SIGNS SHALL BE PAID FOR ACCORDING TO THE "TEMPORARY INFORMATION SIGNING" SPECIAL PROVISION.
- 4) OPEN RAMP DAILY ACCORDING TO SPECIAL PROVISION AND REMOVE/COVER SIGNS NOT APPLICABLE TO CLOSURE.

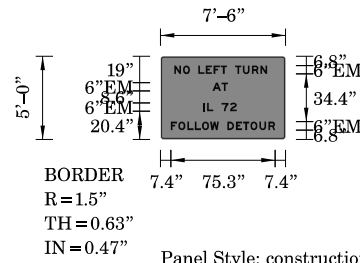


MOT-DET-2

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DRAWN MM	REVISOR -	
PLOT SCALE = #SCALE#	CHECKED	REVISOR -
PLOT DATE = 9-13-2017	DATE 8/21/2017	REVISOR -

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) I-14	COOK	353	90
				CONTRACT NO. 60Y40
ILLINOIS FED. AID PROJECT				

SIGN DETAIL
1:100



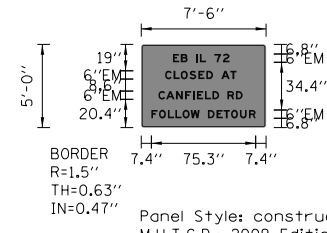
SIGN NUMBER	name
WIDTH x HGHT.	7'-6" x 5'-0"
BORDER WIDTH	0.63"
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Orange
LEGEND/BORDER	TYPE: Reflective COLOR: Black/Black

SYMBOL	ROT	X	Y	WID	HT

Panel Style: construction_guide.ssi
Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)													LENGTH	SERIESIZE	
N	O	L	E	F	T	T	U	R	N					EM 2000	
9.8	16.1	21.2	27.2	32.6	38.3	43.4	47.8	53.8	59.3	65.9	72			67	6
A	T													EM 2000	
37.5	44													11	6
I	L		7	2										EM 2000	
30.7	33.5	38	44	50.1										24.3	6
F	O	L	L	O	W		D	E	T	O	U	R		EM 2000	
7.4	12.8	19.3	24.7	29.9	35.7	42.1	48.1	54.4	59.5	64.8	71.3	77.8		75.3	6

SIGN DETAIL
1:100



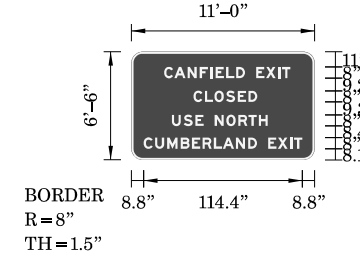
SIGN NUMBER	name
WIDTH x HGHT.	7'-6" x 5'-0"
BORDER WIDTH	0.63"
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Orange
LEGEND/BORDER	TYPE: Reflective COLOR: Black/Black

SYMBOL	ROT	X	Y	WID	HT

Panel Style: construction_guide.ssi
Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)													LENGTH	SERIESIZE	
E	B		I	L		7	2							EM 2000	
22.9	28.6	33.5	39.5	42.3	46.8	52.8	58.9							40.9	6
C	L	O	S	E	D	A	T							EM 2000	
17.2	23.4	28.6	34.9	41.2	46.9	51.8	57.8	64.3						51.5	6
C	A	N	F	I	E	L	D		R	D				EM 2000	
12.4	18	25.1	31.7	37.4	40.3	46	51.4	56.2	62.2	68.3				60.8	6
F	O	L	L	O	W		D	E	T	O	U	R		EM 2000	
7.4	12.8	19.3	24.7	29.9	35.7	42.1	48.1	54.4	59.5	64.8	71.3	77.8		75.3	6

SIGN DETAIL
1:100



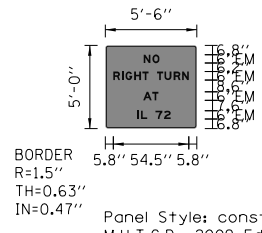
SIGN NUMBER	name
WIDTH x HGHT.	11'-0" x 6'-0"
BORDER WIDTH	1.5"
CORNER RADIUS	8"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT

Panel Style: guide_fwy_gore.ssi
Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)													LENGTH	SERIESIZE	
C	A	N	F	I	E	L	D		E	X	I	T		EM 2000	
23.5	31	40.5	49.2	56.8	60.7	68.3	75.5	81.9	89.9	97	105.6	108.7		91	8
C	L	O	S	E	D									EM 2000	
44.7	52.9	59.8	68.2	76.7	84.3									46.1	8
U	S	E	N	O	R	T	H							EM 2000	
29.1	37.6	46.1	52	60	68.4	77.1	84.4	91.8						69.1	8
C	U	M	B	E	R	L	A	N	D		E	X	I	T	EM 2000
8.8	17	25.8	35.4	43.7	51.3	59.4	65.8	75.4	84.1	90.6	98.6	105.6	114.2	117.3	8

SIGN DETAIL
1:100



SIGN NUMBER	name
WIDTH x HGHT.	5'-6" x 5'-0"
BORDER WIDTH	0.63"
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Orange
LEGEND/BORDER	TYPE: Reflective COLOR: Black/Black

SYMBOL	ROT	X	Y	WID	HT

Panel Style: construction_guide.ssi
Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

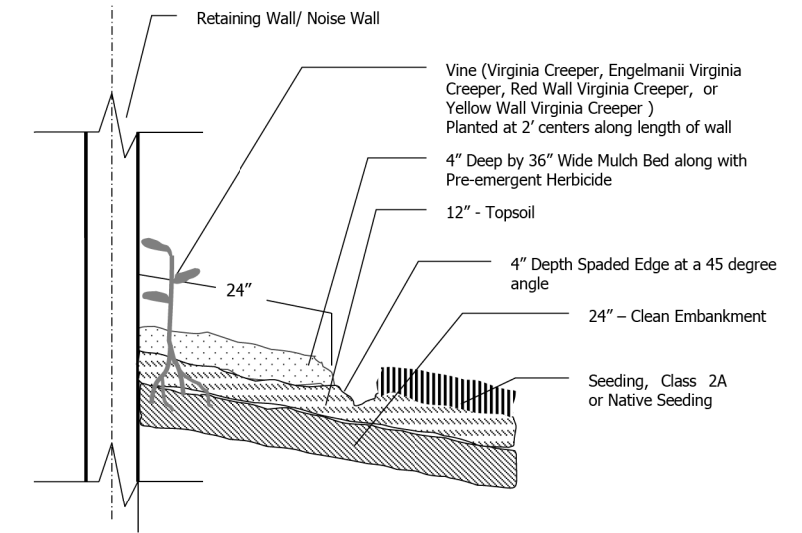
LETTER POSITIONS (X)													LENGTH	SERIESIZE	
N	O													EM 2000	
27.7	34													11.3	6
R	I	G	H	T		T	U	R	N					EM 2000	
5.8	11.9	14.5	20.8	26.8	31.2	37.2	42.7	49.3	55.4					54.5	6
A	T													EM 2000	
27.3	33.9													11	6
I	L		7	2										EM 2000	
22.9	25.7	30.2	36.2	42.3										24.3	6

EROSION AND SEDIMENT CONTROL & LANDSCAPING GENERAL NOTES:

- THE CONTRACTOR SHALL BE REQUIRED TO INSTALL AND MAINTAIN PERIMETER EROSION BARRIER AS INDICATED IN THE PLAN PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES WHICH WILL POTENTIALLY CREATE EROSION CONDITIONS. THE CONSTRUCTION LIMITS MAY BE ADJUSTED BY THE ENGINEER TO PRESERVE TREES AND NO ADDITIONAL COST WILL BE PAID TO THE CONTRACT FOR CHANGED CONSTRUCTION LIMITS.
- PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO THE CONSTRUCTION LIMITS AS INDICATED ON THE EROSION AND SEDIMENT CONTROL PLAN. THE RESIDENT ENGINEER SHALL MAKE THE FINAL DETERMINATION ON THE PLACEMENT AND LOCATION OF THE PERIMETER EROSION BARRIER. IN ADDITION TO THE LOCATIONS INDICATED ON THE PLAN, PERIMETER EROSION BARRIER SHALL BE PLACED AROUND THE PERIMETER OF THE EARTH STOCKPILES.
- A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON SITE. ALL CHANGES TO THE SOIL EROSION AND SEDIMENT CONTROL PLAN SHALL BE NOTED ON THE SITE PLAN.
- SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF THE YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY AND PERMANENT MEASURES.
- EXISTING CULVERTS WITHIN THE DISTURBED LIMIT SHALL BE PROTECTED PRIOR TO ANY CONSTRUCTION ACTIVITIES COMMENCING UPSTREAM.
- INLETS EXPOSED TO TRAFFIC, AND ALONG SHOULDER BARRIER WALL OR CURB & GUTTER WITHIN 4' OF STAGED TRAFFIC, WITH INLET FILTER PROTECTION SHALL HAVE FILTER BASKETS WITH OVERFLOW TO ALLOW FOR THE POSITIVE DRAINAGE OF WATER OFF THE ROADWAY. THESE INLET FILTERS SHALL BE INSPECTED AND CLEANED UTILIZING OFF-PEAK LANE CLOSURES AS APPROVED BY THE ENGINEER. THE COST OF TRAFFIC CONTROL FOR INSPECTION AND MAINTENANCE OF EROSION CONTROL SYSTEMS SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT BID PRICE FOR "TRAFFIC CONTROL AND PROTECTION (SPECIAL)".
- ALL STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY AN APPROPRIATE SEDIMENT CONTROL MEASURE.
- THE CONTRACTOR SHALL CHECK ALL ESC MEASURES, INCLUDING BUT NOT LIMITED TO THE FOLLOWING, WEEKLY AND AFTER EACH RAINFALL, 0.5 INCHES OR GREATER IN A 24 HOUR PERIOD, OR EQUIVALENT SNOWFALL. ADDITIONALLY, DURING WINTER MONTHS, ALL MEASURES SHOULD BE CHECKED BY THE CONTRACTOR AFTER EACH SIGNIFICANT SNOW MELT.
 - SEEDING - ALL ERODIBLE BARE EARTH AREAS WILL BE TEMPORARILY SEEDDED ON A WEEKLY BASIS.
 - PERIMETER EROSION BARRIER - SEDIMENT WILL BE REMOVED WHEN IT EXCEEDS HALF THE HEIGHT OF THE FENCE AND FENCE THAT COLLAPSES WILL BE REPLACED IMMEDIATELY.
 - EROSION CONTROL - ANY AREAS WHICH FAIL WILL BE REPAIRED IMMEDIATELY.
 - IN CONCENTRATED FLOW SUCH AS DITCH BOTTOMS, EROSION CONTROL BLANKET, TEMPORARY DITCH CHECKS AND OTHER EROSION CONTROLS WILL BE INSPECTED AFTER EVERY RUNOFF EVENT AND MAINTAINED AS NEEDED.
 - INLET FILTERS WILL BE INSPECTED AFTER EVERY RUNOFF EVENT AND MAINTAINED AS NEEDED.
- ALL ESC MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION AND IDOT'S BEST MANAGEMENT PRACTICES - MAINTENANCE GUIDE: <http://www.idot.illinois.gov/transportation-system/environment/erosion-and-sediment-control>.
- THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR MAINTENANCE OF ALL SOIL EROSION CONTROL DURING CONSTRUCTION.
- ALL LOCATIONS WHERE VEHICLES ENTER OR EXIT THE CONSTRUCTION SITE AND ALL OTHER AREAS SUBJECT TO EROSION SHOULD BE INSPECTED PERIODICALLY.
- ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED, AS APPROVED BY THE ENGINEER.
- CONSTRUCTION ACTIVITIES SHALL BE SCHEDULED TO MINIMIZE THE TIME SOIL IS EXPOSED AND UNPROTECTED. IN NO CASE SHALL THE EXISTING VEGETATION BE DESTROYED, REMOVED, OR DISTURBED MORE THAN FOURTEEN (14) CALENDAR DAYS PRIOR TO THE INITIATION OF IMPROVEMENTS.
- IN AREAS WHERE WORK IS COMPLETED, PERMANENT STABILIZATION SHALL BE INITIATED IMMEDIATELY UPON COMPLETION OR CESSATION OF DISTURBANCE FOR 14 DAYS, AND THE INSTALLATION SHALL BE COMPLETED BY THE 14TH DAY AFTER NO DISTURBANCE. THE CONTRACTOR SHALL COMPLY WITH ALL PROVISIONS OF THE STORM WATER POLLUTION PREVENTION PLAN SECTION 11.B.
- SOIL STOCKPILES SHALL NOT BE LOCATED IN A FLOOD PRONE AREA OR A DESIGNATED BUFFER PROTECTING WATERS OF THE UNITED STATES. STOCKPILES OR SOIL AND OTHER BUILDING MATERIALS TO REMAIN IN PLACE MORE THAN THREE (3) DAYS SHALL BE FURNISHED WITH EROSION AND SEDIMENT CONTROL MEASURES (I.E. PERIMETER SILT FENCE). STOCKPILES TO REMAIN UNDISTURBED FOR MORE THAN 14 DAYS WILL RECEIVE TEMPORARY SEEDING WITHIN 1 CALENDAR DAY.
- IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION. DISCHARGES SHALL BE ROUTED THROUGH AN EFFECTIVE SEDIMENT CONTROL MEASURE (E.G. SEDIMENT TRAP, SEDIMENT BASIN, SILT FILTER BAG (SPECIAL)) OR OTHER APPROPRIATE MEASURE.
- THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER OR GOVERNING AGENCY.
- THE CONDITION OF THE CONSTRUCTION SITE FOR WINTER SHUTDOWN SHALL BE ADDRESSED EARLY IN THE FALL GROWING SEASON SO THAT SLOPES AND OTHER EARTH AREAS MAY BE STABILIZED WITH TEMPORARY AND/OR PERMANENT VEGETATIVE COVER FOR PROPER EROSION AND SEDIMENT CONTROL. ALL OPEN AREAS THAT ARE TO REMAIN IDLE THROUGHOUT THE WINTER SHALL RECEIVE TEMPORARY EROSION CONTROL MEASURES INCLUDING TEMPORARY SEEDING, MULCHING AND/OR EROSION CONTROL BLANKET PRIOR TO THE END OF THE FALL GROWING SEASON. THE AREAS TO BE WORKED BEYOND THE END OF THE GROWING SEASON MUST INCORPORATE SOIL STABILIZATION MEASURES THAT DO NOT RELY ON VEGETATIVE COVER SUCH AS EROSION CONTROL BLANKET AND HEAVY MULCHING.
- IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO INFORM ANY SUB-CONTRACTORS WHO MAY PERFORM WORK ON THIS PROJECT OF THE REQUIREMENTS IN IMPLEMENTING AND MAINTAINING THESE EROSION CONTROL PLANS AND THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM NPDES I PERMIT REQUIREMENT SET FORTH BY THE ILLINOIS EPA.
- WHEN THE CONTRACTOR REQUESTS A CHANGE TO POSTPONE COMPLETION OF THE EXCAVATION OF A SPECIFIC AREA AS A CONTINUOUS OPERATION AND PLACING THE TOPSOIL AS DEFINED IN THE STANDARD SPECIFICATION, THE ENGINEER MAY ALLOW THE CONTRACTOR TO STABILIZE THE AREA USING TEMPORARY STABILIZATION WITH STRAW MULCH PROVIDING THAT THE FOLLOWING CONDITIONS ARE MET:
 - ALL AREAS BEING STABILIZED ARE 3:1 SLOPES OR FLATTER
 - THE CONTRACTOR BEARS THE COST OF PREPARING THE SEED BED AND STABILIZING THE AREA WITH TEMPORARY STABILIZATION STRAW MULCH
 - ALL REQUIRED SEDIMENT CONTROL MEASURES FOR THE SECTION OF ROAD IN QUESTION HAVE BEEN INSTALLED AND ARE BEING MAINTAINED

EROSION AND SEDIMENT CONTROL & LANDSCAPING GENERAL NOTES (CONTINUED):

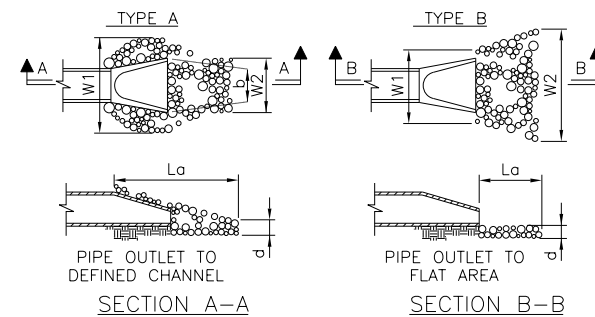
- SEEDING USAGE:
 - CLASS 2A SALT TOLERANT ROADSIDE MIX TO BE USED FOR NEW CONSTRUCTION OF LIMITED ACCESS ROUTES, INTENDED TO BE MOWED BY IDOT.
 - SODDING SALT TOLERANT TO BE USED IN AREAS ADJACENT TO OTHER AREAS REQUIRING A HIGH ORDER OR APPEARANCE INTENDED TO BE MOWED BY SOMEONE OTHER THAN IDOT.
 TEMPORARY EROSION CONTROL SEEDING TO BE USED FOR SHORT TERM TEMPORARY SEEDING.
- TOP SOIL PLACEMENT:
 - TOPSOIL SHALL NOT BE PLACED AT AREAS COMPLETED WHERE FURTHER CONSTRUCTION SHALL BE DONE AS PART OF THIS CONTRACT.
- SILT FENCE IS NOT REQUIRED WHERE THE PERIMETER IS HIGHER THAN THE WORK ZONE, AND SILT FENCE SHALL NOT BE INSTALLED ACROSS CONCENTRATED FLOW OR ACROSS CONTOURS WITHOUT J-HOOKS (HIGHWAY STANDARD SHEET 280001). IN AREAS OF CONCENTRATED FLOW, TEMPORARY DITCH CHECKS ARE A SUITABLE ALTERNATIVE IN PLACE OF SILT FENCE.
- PORTABLE TOILETS SHALL BE PLACED AWAY FROM INLETS AND WATER COURSES.
- THE TOTAL AREA OF THE PROJECT IS APPROXIMATELY 3.0 ACRES. APPROXIMATELY 1.8 ACRES ARE ANTICIPATED TO BE DISTURBED AS PART OF THE PROJECT.
- WHEN THE CONTRACTOR REQUESTS A CHANGE TO POSTPONE COMPLETION OF THE EXCAVATION OF A SPECIFIC AREA AS A CONTINUOUS OPERATION AND PLACING THE TOPSOIL AS DEFINED IN THE STANDARD SPECIFICATION, THE ENGINEER MAY ALLOW THE CONTRACTOR TO STABILIZE THE AREA USING TEMPORARY STABILIZATION WITH STRAW MULCH PROVIDING THAT THE FOLLOWING CONDITIONS ARE MET:
 - ALL AREAS BEING STABILIZED ARE 3:1 SLOPES OR FLATTER
 - THE CONTRACTOR BEARS THE COST OF PREPARING THE SEED BED AND STABILIZING THE AREA WITH TEMPORARY STABILIZATION STRAW MULCH
 - ALL REQUIRED SEDIMENT CONTROL MEASURES FOR THE SECTION OF ROAD IN QUESTION HAVE BEEN INSTALLED AND ARE BEING MAINTAINED
- THE CONTRACTOR SHOULD PROVIDE TO THE RE A PLAN TO ENSURE THAT A STABILIZED FLOW LINE WILL BE PROVIDED DURING STORM SEWER CONSTRUCTION. THE USE OF A STABILIZED FLOW LINE BETWEEN INSTALLED STORM SEWER AND OPEN DISTURBANCE WILL REDUCE THE POTENTIAL FOR THE OFFSITE DISCHARGE OF SEDIMENT-BEARING WATERS, ESPECIALLY WHEN RAIN IS FORECASTED, SO THAT FLOW WILL NOT ERODE. LACK OF APPROVED PLAN OR FAILURE TO COMPLY WILL RESULT IN AN ESC DEFICIENCY DEDUCTION.
- ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER, SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCIDENTAL.
- EROSION CONTROL ITEMS ARE CONSIDERED TO BE A HIGH PRIORITY ON THIS CONTRACT. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE RESIDENT ENGINEER.
- THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS WHICH WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE.
- GATEWAY GREEN SIGNS ARE LOCATED WITHIN THE PROJECT LIMITS. IF THEY ARE TO BE REMOVED DURING CONSTRUCTION, THE CONTRACTOR SHALL COORDINATE WITH IDOT ROADSIDE DEVELOPMENT UNIT, MELISSA DEL ROSARIO, AT 847-705-4391 (72) HOURS PRIOR TO REMOVAL. THE CONTRACTOR SHALL REINSTALL THE GATEWAY GREEN SIGNS, AND THE COST OF WORK SHALL BE CONSIDERED INCLUDED IN THE COST FOR LANDSCAPE WORK.
- THE CONTRACTOR SHALL NOTIFY THE ROADSIDE DEVELOPMENT UNIT, MELISSA DEL ROSARIO, AT 847-705-4391 (72) HOURS PRIOR TO TREE REMOVAL OPERATIONS.



VINE PLANTING DETAIL

- NOTES:**
- See Landscape Plans for specific locations of vines.
 - The Contractor shall order material for Parthenocissus sp. (Virginia Creeper) vines immediately following execution of the contract to assure availability of the plant material for spring planting at the conclusion of the contract.
 - Mulch bed shall be placed over rototilled compost/topsoil as shown in vine planting detail and according to IDOT Standard Specification 253.11 except that no weed barrier fabric is required. Cost of mulch cover is included with payment under the respective vine pay item.
 - Pre-emergent Herbicide shall be placed in mulched beds according to the Special Provision.

OUTLET PROTECTION DETAIL RIPRAP APRON



- FURNISH FILTER FABRIC PER SECTION 282 OF THE STANDARD SPECIFICATIONS. 2' TURN DOWN NOT SHOWN.
- PROVIDE BEDDING STONE (NOT SHOWN) PER SECTION 281 OF THE STANDARD SPECIFICATIONS.
- EXCAVATION FOR PLACEMENT OF RIPRAP WILL NOT BE MEASURED FOR PAYMENT

PIPE SIZE	TYPE	La	W1	W2	d
12"	RR 4	10'	3'	13'	16"
15"	RR 4	12'	4'	16'	16"
18"	RR 4	16'	4.5'	20.5'	16"
24"	RR 4	20'	6'	26'	16"
30"	RR 4	22'	7.5'	29.5'	16"
36"	RR 4	24'	9'	33'	20"
48"	RR 4	28'	12'	40'	20"



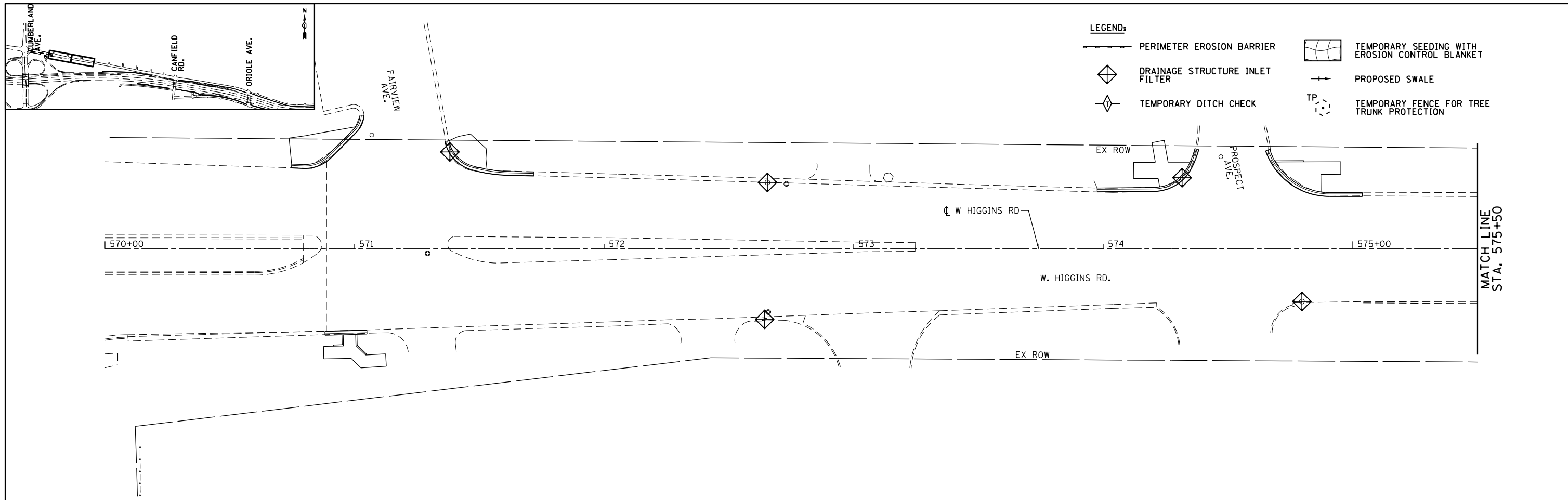
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	DRAWN = JAB	REVISED = -
PLOT SCALE = 2.0000' / in.	CHECKED = MAM	REVISED = -
PLOT DATE = 8/15/2017	DATE = 8/21/2017	REVISED = -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

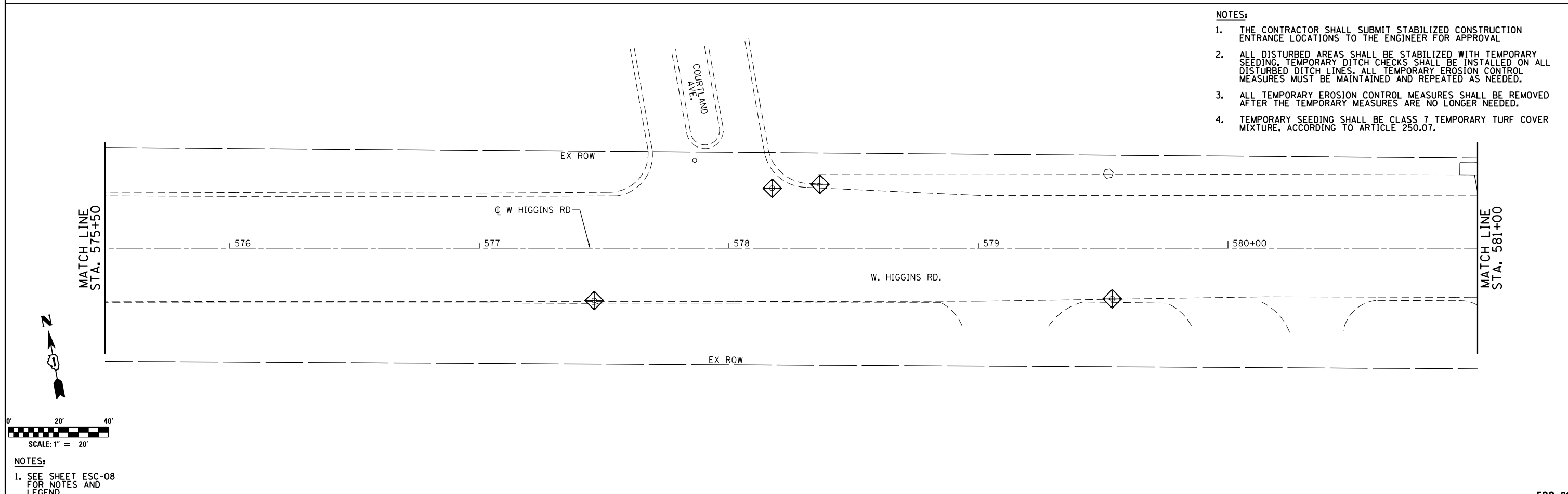
**I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
EROSION AND SEDIMENT CONTROL & LANDSCAPING
GENERAL NOTES**

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

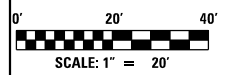
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	TOTAL SHEET NO.
90	(1517 & 1415) I-14	COOK	353	92
CONTRACT NO. 60Y40				
ILLINOIS FED. AID PROJECT				



- LEGEND:**
- PERIMETER EROSION BARRIER
 - DRAINAGE STRUCTURE INLET FILTER
 - TEMPORARY DITCH CHECK
 - TEMPORARY SEEDING WITH EROSION CONTROL BLANKET
 - PROPOSED SWALE
 - TEMPORARY FENCE FOR TREE TRUNK PROTECTION

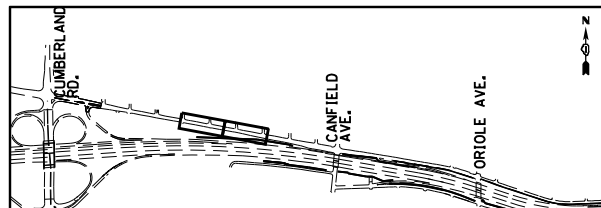


- NOTES:**
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 2. ALL DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY SEEDING. TEMPORARY DITCH CHECKS SHALL BE INSTALLED ON ALL DISTURBED DITCH LINES. ALL TEMPORARY EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPEATED AS NEEDED.
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 4. TEMPORARY SEEDING SHALL BE CLASS 7 TEMPORARY TURF COVER MIXTURE, ACCORDING TO ARTICLE 250.07.



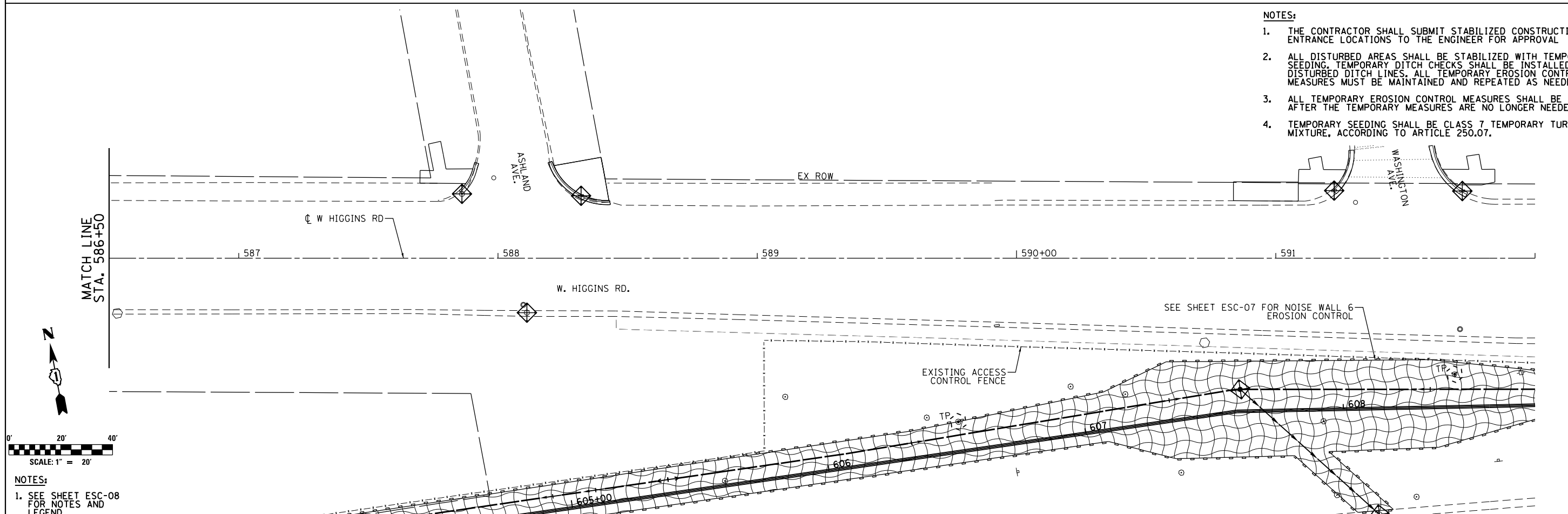
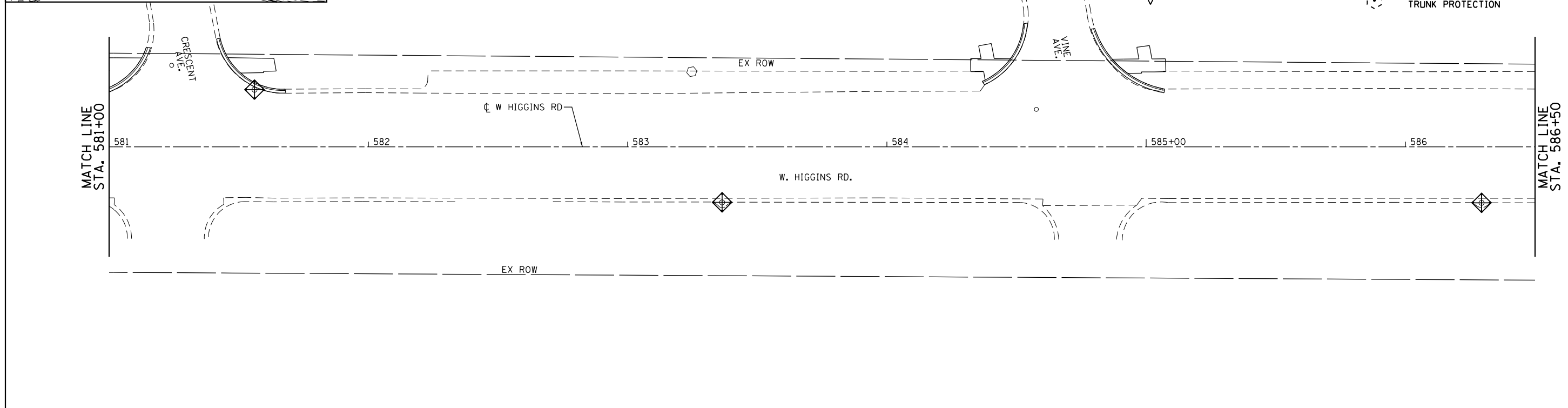
- NOTES:**
1. SEE SHEET ESC-08 FOR NOTES AND LEGEND.

HNTB	USER NAME = mksrby	DESIGNED MJK	REVISED - -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE. EROSION AND SEDIMENT CONTROL PLAN RESURFACING			F.A.I. RTE. = 90	SECTION (1517 & 1415) I-14	COUNTY COOK	TOTAL SHEETS 353	SHEET NO. 93
	PLOT SCALE = 2.0000' / in.	CHECKED MAM	REVISED -		SCALE: 1" = 20'	SHEET NO. 1 OF 13 SHEETS	STA. 571+00 TO STA. 592+00	CONTRACT NO. 60Y40		ILLINOIS FED. AID PROJECT		
FILE NAME = D160Y40-sht-Eros01.dgn	PLOT DATE = 8/15/2017	DATE 8/21/2017	REVISED -					ESC-01				

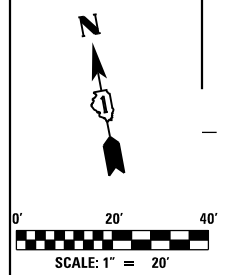


LEGEND:

- PERIMETER EROSION BARRIER
- DRAINAGE STRUCTURE INLET FILTER
- TEMPORARY DITCH CHECK
- TEMPORARY SEEDING WITH EROSION CONTROL BLANKET
- PROPOSED SWALE
- TEMPORARY FENCE FOR TREE TRUNK PROTECTION

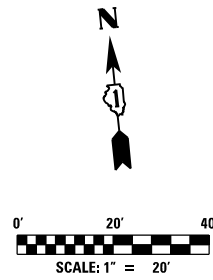
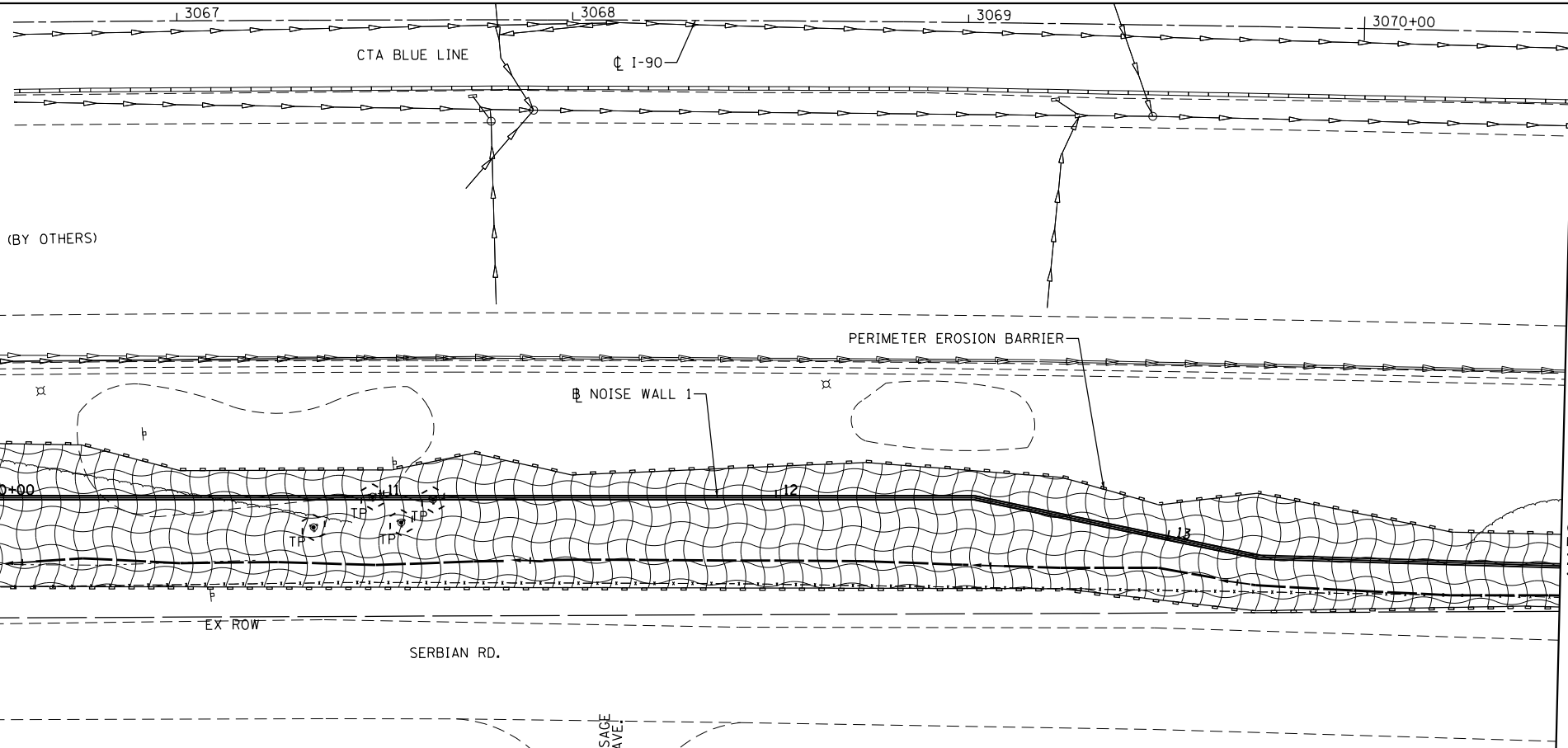
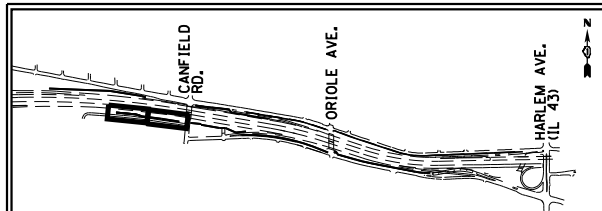


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 4. TEMPORARY SEEDING SHALL BE CLASS 7 TEMPORARY TURF COVER MIXTURE, ACCORDING TO ARTICLE 250.07.

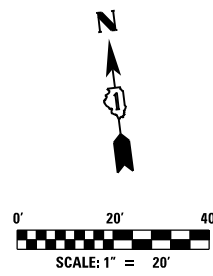
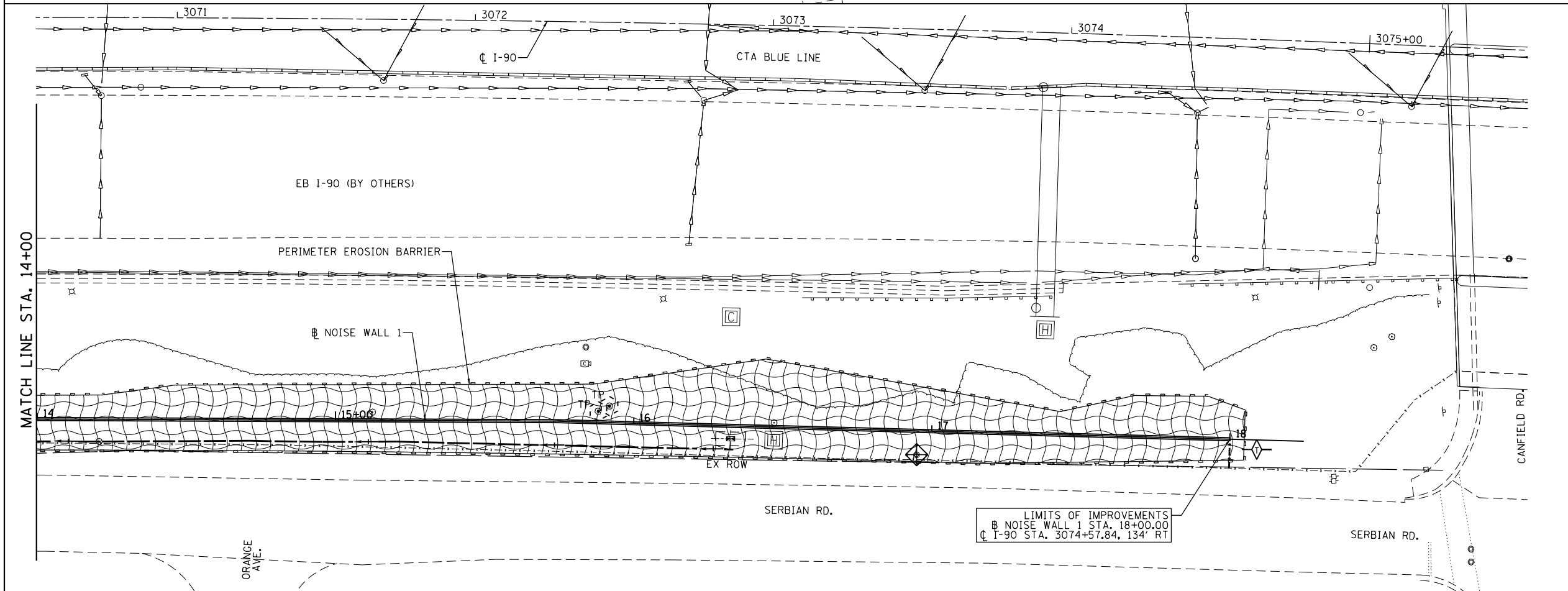


- NOTES:**
1. SEE SHEET ESC-08 FOR NOTES AND LEGEND.

HNTB	USER NAME = mksrby	DESIGNED = MJK	REVISED = -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE. EROSION AND SEDIMENT CONTROL PLAN RESURFACING			F.A.I. RTE. = 90	SECTION = (1517 & 1415) I-14	COUNTY = COOK	TOTAL SHEETS = 353	SHEET NO. = 94
	PLOT SCALE = 2,0000' / 1" =	CHECKED = MAM	REVISED = -		SCALE: 1" = 20'	SHEET NO. 2 OF 13 SHEETS	STA. 571+00 TO STA. 592+00	ILLINOIS FED. AID PROJECT		ESC-02 CONTRACT NO. 60Y40		
FILE NAME = D160Y40-sht-Eros02.dgn	PLOT DATE = 8/15/2017	DATE = 8/21/2017	REVISED = -									



- LEGEND:**
- PERIMETER EROSION BARRIER
 - DRAINAGE STRUCTURE INLET FILTER
 - TEMPORARY DITCH CHECK
 - TEMPORARY SEEDING WITH EROSION CONTROL BLANKET
 - PROPOSED SWALE
 - TEMPORARY FENCE FOR TREE TRUNK PROTECTION



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USER NAME = mksrby	DESIGNED MJK	REVISED - -
PLOT SCALE = 2,000' / in.	DRAWN JAB	REVISED -
PLOT DATE = 8/15/2017	CHECKED MAM	REVISED -
	DATE 8/21/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

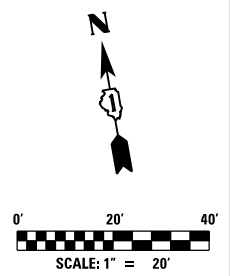
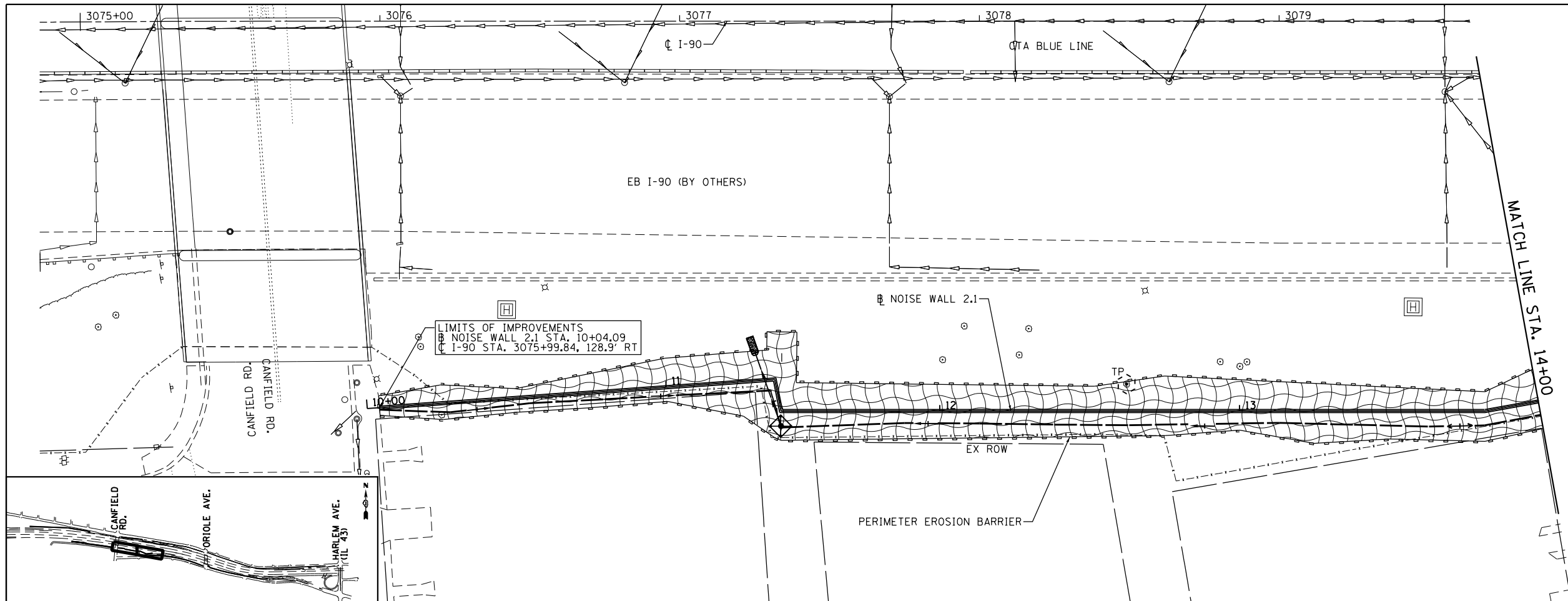
**I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
EROSION AND SEDIMENT CONTROL PLAN
NOISE WALL 1**

SCALE: 1" = 20' SHEET NO. 3 OF 13 SHEETS STA. 10+00.00 TO STA. 17+99.84

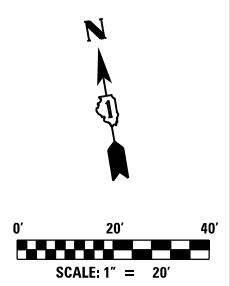
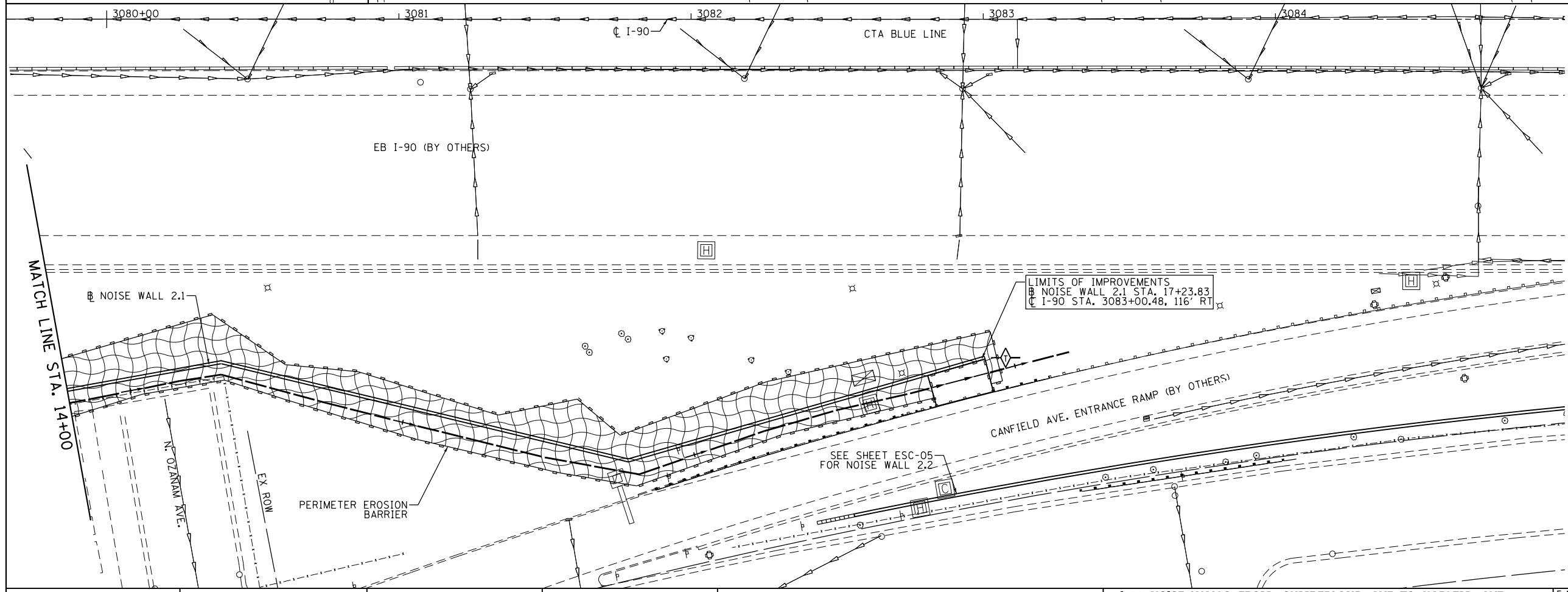
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) I-14	COOK	353	95
CONTRACT NO. 60Y40				
ILLINOIS FED. AID PROJECT				

FILE NAME = D160Y40-sht-Eros03.dgn

ESC-03



- LEGEND:**
- PERIMETER EROSION BARRIER
 - DRAINAGE STRUCTURE INLET FILTER
 - TEMPORARY DITCH CHECK
 - TEMPORARY SEEDING WITH EROSION CONTROL BLANKET
 - PROPOSED SWALE
 - TEMPORARY FENCE FOR TREE TRUNK PROTECTION



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USER NAME = mksrby	DESIGNED MJK	REVISED - -
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PLOT DATE = 8/15/2017	DATE 8/21/2017	REVISED -

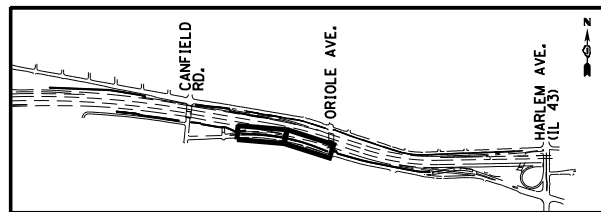
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
EROSION AND SEDIMENT CONTROL PLAN
NOISE WALL 2.1**

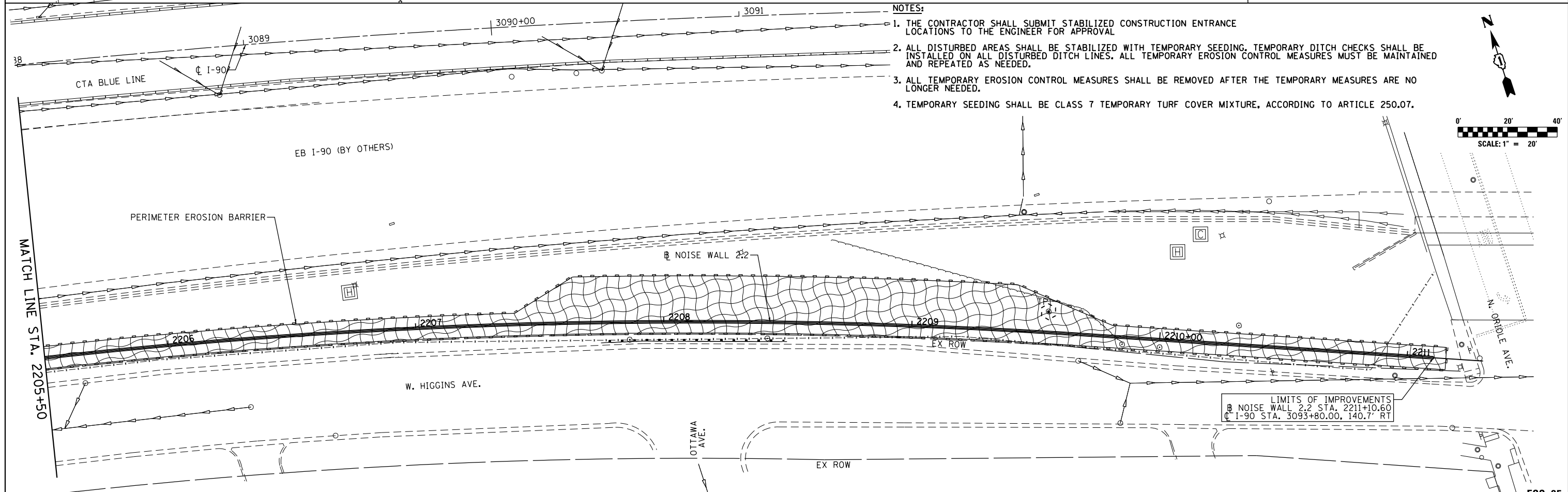
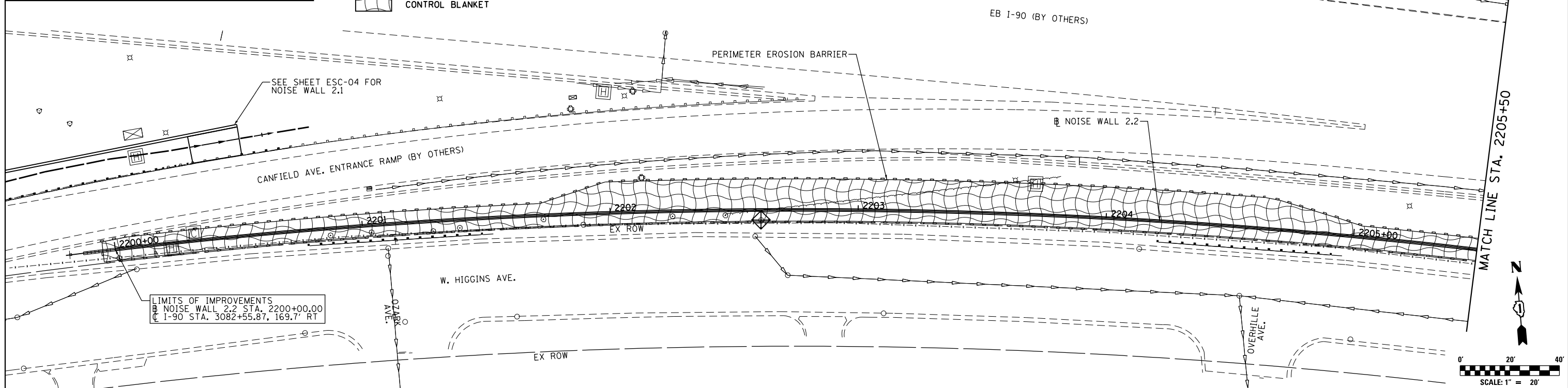
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F.A.I. RTE. 90	SECTION (1517 & 1415) I-14	COUNTY COOK	TOTAL SHEETS 353	SHEET NO. 96
	CONTRACT NO. 60Y40			ILLINOIS FED. AID PROJECT

ESC-04



- LEGEND:**
- PERIMETER EROSION BARRIER
 - DRAINAGE STRUCTURE INLET FILTER
 - TEMPORARY DITCH CHECK
 - TEMPORARY SEEDING WITH EROSION CONTROL BLANKET
 - PROPOSED SWALE
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LIMITS OF IMPROVEMENTS
 NOISE WALL 2.2 STA. 2200+00.00
 I-90 STA. 3082+55.87, 169.7' RT

LIMITS OF IMPROVEMENTS
 NOISE WALL 2.2 STA. 2211+10.60
 I-90 STA. 3093+80.00, 140.7' RT

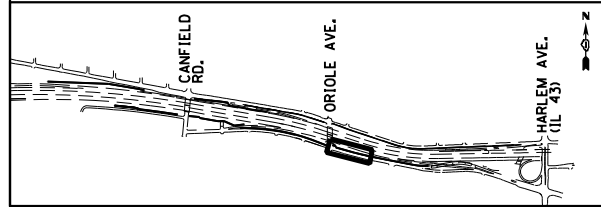
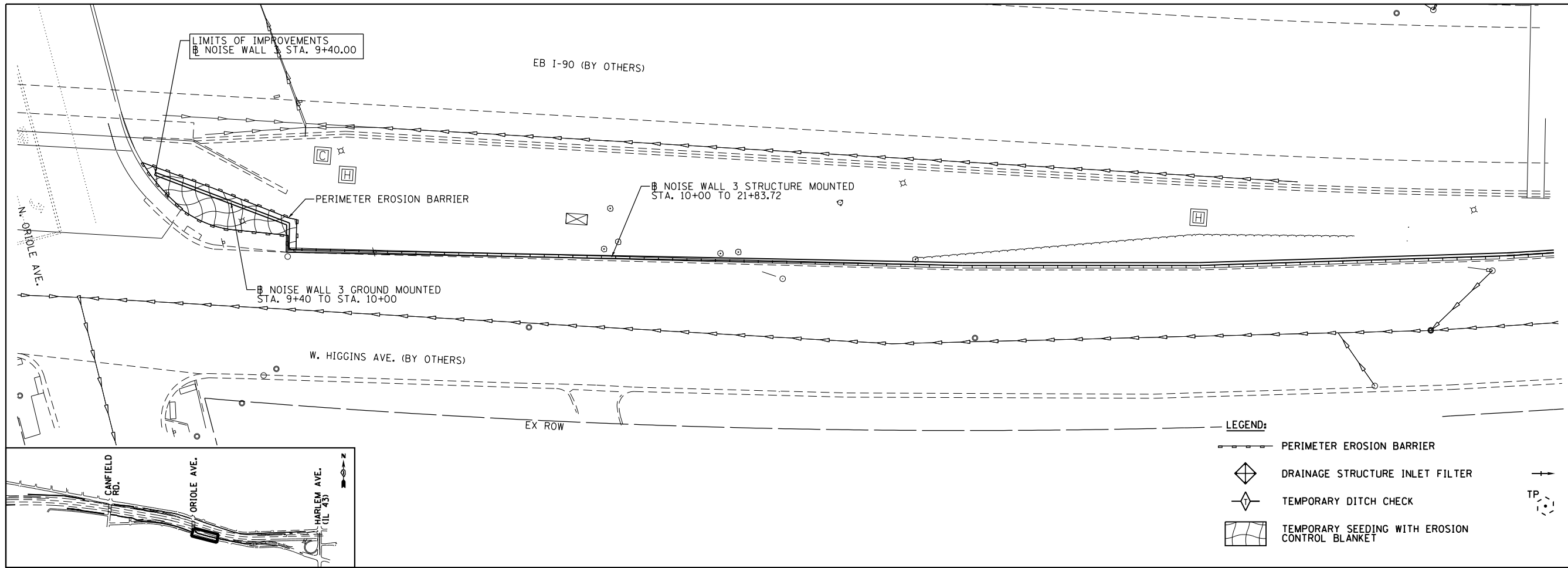


USER NAME = mksrby	DESIGNED MJK	REVISED - -
DRAWN JAB	REVISED -	
CHECKED MAM	REVISED -	
DATE 8/21/2017	REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
 EROSION AND SEDIMENT CONTROL PLAN
 NOISE WALL 2.2
 SCALE: 1" = 20' SHEET NO. 5 OF 13 SHEETS STA. 2200+00.00 TO STA. 2211+10.60

F.A.I. RTE. 90	SECTION (1517 & 1415) I-14	COUNTY COOK	TOTAL SHEETS 353	SHEET NO. 97
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y40	



LEGEND:

- PERIMETER EROSION BARRIER
- DRAINAGE STRUCTURE INLET FILTER
- TEMPORARY DITCH CHECK
- TEMPORARY SEEDING WITH EROSION CONTROL BLANKET
- PROPOSED SWALE
- TEMPORARY FENCE FOR TREE TRUNK PROTECTION

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USER NAME = mksrby	DESIGNED MJK	REVISED - -
	DRAWN JAB	REVISED -
PLOT SCALE = 2.0000' / 1" =	CHECKED MAM	REVISED -
PLOT DATE = 8/15/2017	DATE 8/21/2017	REVISED -

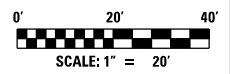
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
EROSION AND SEDIMENT CONTROL PLAN
NOISE WALL 3**

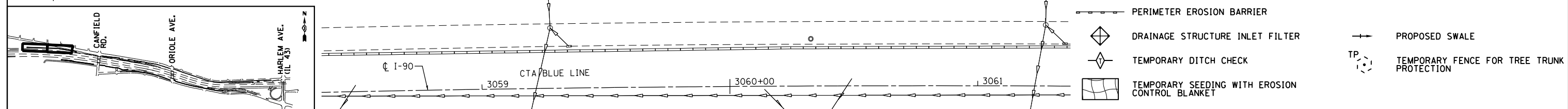
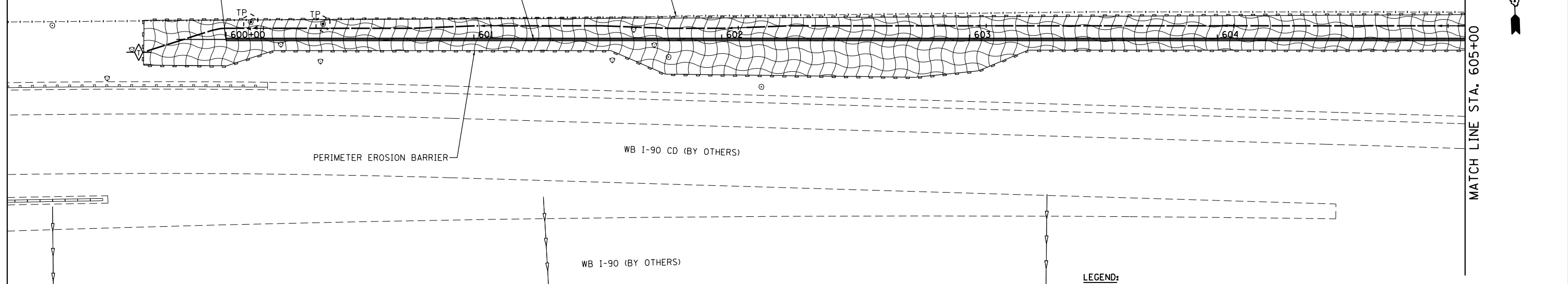
SCALE: 1" = 20' SHEET NO. 6 OF 13 SHEETS STA. 9+40 TO STA. 19+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) I-14	COOK	353	98
			CONTRACT NO. 60Y40	
ILLINOIS FED. AID PROJECT				

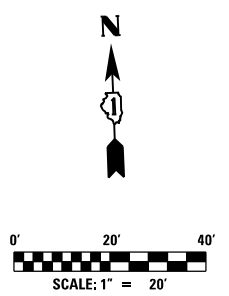
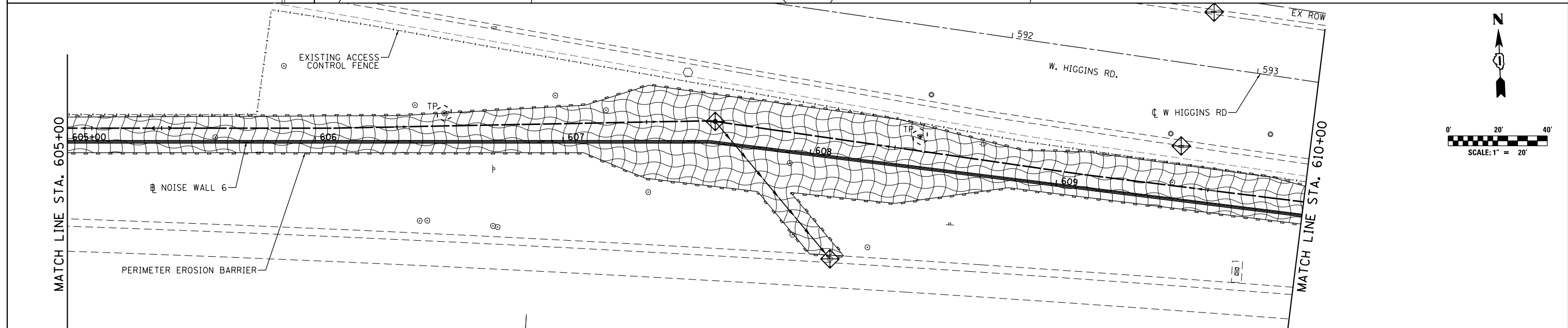
ESC-06



LIMITS OF IMPROVEMENTS
 B NOISE WALL 6 STA. 600+00.00
 C I-90 STA. 3058+00.00, 136.8' LT



- LEGEND:**
- PERIMETER EROSION BARRIER
 - DRAINAGE STRUCTURE INLET FILTER
 - TEMPORARY DITCH CHECK
 - TEMPORARY SEEDING WITH EROSION CONTROL BLANKET
 - PROPOSED SWALE
 - TEMPORARY FENCE FOR TREE TRUNK PROTECTION



- NOTES:**
1. THE CONTRACTOR SHALL SUBMIT STABILIZED CONSTRUCTION ENTRANCE LOCATIONS TO THE ENGINEER FOR APPROVAL
 2. ALL DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY SEEDING. TEMPORARY DITCH CHECKS SHALL BE INSTALLED ON ALL DISTURBED DITCH LINES. ALL TEMPORARY EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPEATED AS NEEDED.
 3. ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.
 4. TEMPORARY SEEDING SHALL BE CLASS 7 TEMPORARY TURF COVER MIXTURE, ACCORDING TO ARTICLE 250.07.
 5. SEE DRAINAGE REMOVAL PLANS FOR EXISTING DRAINAGE STRUCTURES TO BE REMOVED.

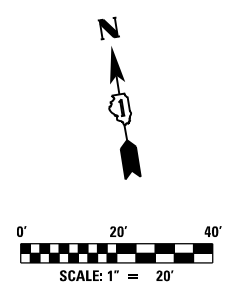
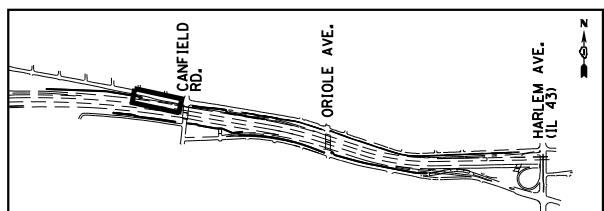
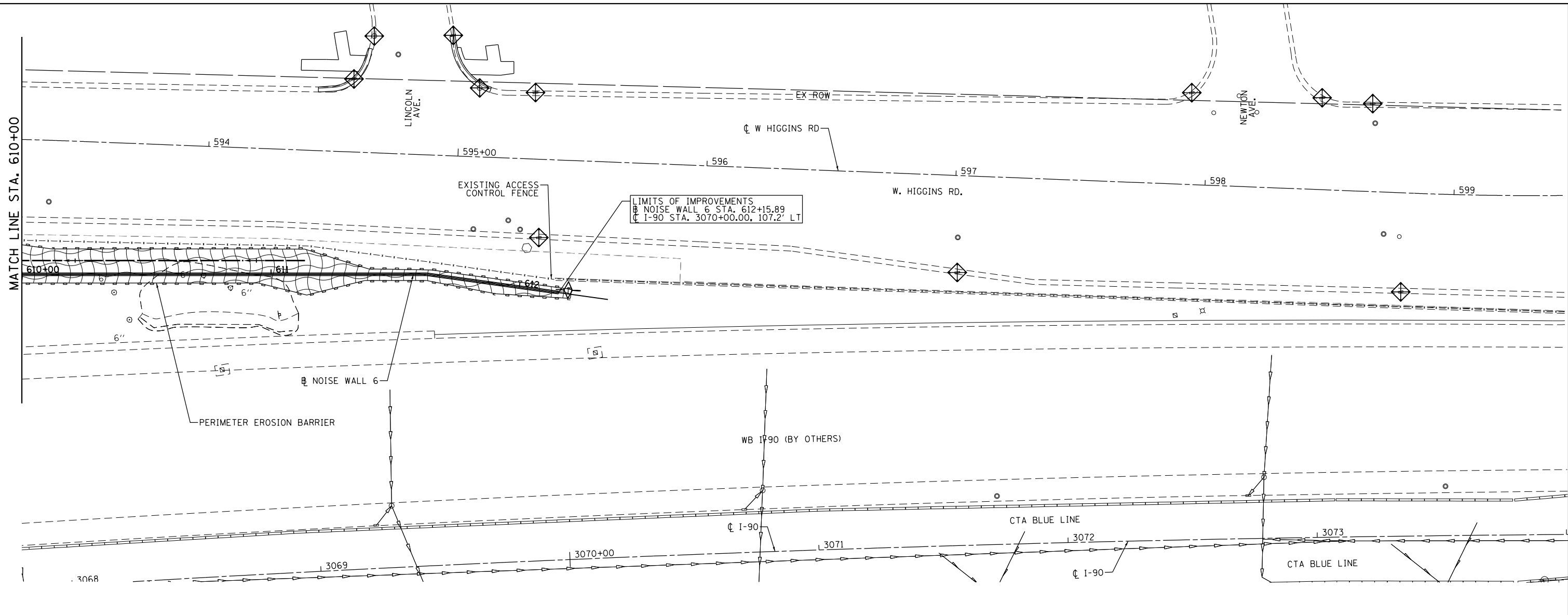


USER NAME = mksrby	DESIGNED MJK	REVISED - -
	DRAWN JAB	REVISED -
PLOT SCALE = 2.0000' / 1" =	CHECKED MAM	REVISED -
PLOT DATE = 8/15/2017	DATE 8/21/2017	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
 EROSION AND SEDIMENT CONTROL PLAN
 NOISE WALL 6 & RESURFACING
 SCALE: 1" = 20' SHEET NO. 7 OF 13 SHEETS STA. 600+00 TO STA. 610+00







F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) I-14	COOK	353	99
			CONTRACT NO. 60Y40	
ILLINOIS FED. AID PROJECT				



NOTES:

1. THE CONTRACTOR SHALL SUBMIT STABILIZED CONSTRUCTION ENTRANCE LOCATIONS TO THE ENGINEER FOR APPROVAL
2. ALL DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY SEEDING. TEMPORARY DITCH CHECKS SHALL BE INSTALLED ON ALL DISTURBED DITCH LINES. ALL TEMPORARY EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPEATED AS NEEDED.
3. ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.
4. TEMPORARY SEEDING SHALL BE CLASS 7 TEMPORARY TURF COVER MIXTURE, ACCORDING TO ARTICLE 250.07.
5. SEE DRAINAGE REMOVAL PLANS FOR EXISTING DRAINAGE STRUCTURES TO BE REMOVED.

LEGEND:

-  PERIMETER EROSION BARRIER
-  DRAINAGE STRUCTURE INLET FILTER
-  TEMPORARY DITCH CHECK
-  TEMPORARY SEEDING WITH EROSION CONTROL BLANKET
-  PROPOSED SWALE
-  TP TEMPORARY FENCE FOR TREE TRUNK PROTECTION



USER NAME = mksrby	DESIGNED MJK	REVISED - -
PLOT SCALE = 2.0000' / 1"	DRAWN JAB	REVISED -
PLOT DATE = 8/15/2017	CHECKED MAM	REVISED -
	DATE 8/21/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90 NOISE WALLS FROM CUMBERLAND AVE. TO HARLEM AVE.
EROSION AND SEDIMENT CONTROL PLAN
NOISE WALL 6 & RESURFACING**

SCALE: 1" = 20' SHEET NO. 8 OF 13 SHEETS STA. 610+00.00 TO STA. 612+15.89

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(1517 & 1415) I-14	COOK	353	100
			CONTRACT NO. 60Y40	
ILLINOIS FED. AID PROJECT				

ESC-08