

06-12-2015 LETTING ITEM 199

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR LIST OF HIGHWAY STANDARDS SEE SHEET NO. 2

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

HOMER GLEN COMMUNITY TRAIL
FROM 159TH STREET TO MARTINGALE LANE
MULTI-USE TRAIL

SECTION: 12-00015-00-BT
PROJECT: CMM-4003(044)
VILLAGE OF HOMER GLEN
WILL COUNTY
JOB: C-91-465-12
PROJECT LOCATION MAP
VILLAGE OF HOMER GLEN
HOMER TOWNSHIP
N.T.S.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------|----------------|----------|--------------------|-----------|
| | 12-00015-00-BT | WILL | 42 | 1 |
| FED. ROAD DIST. NO 1 | | ILLINOIS | CONTRACT NO. 61B56 | |



TRAFFIC DATA

MEADOWVIEW LANE = 500 (EST. ADT)
WOODLAND DRIVE = 1,000 (EST. ADT)
151ST STREET = 6,650 (2012 ADT)

POSTED SPEED

MEADOWVIEW LANE = 25 MPH
WOODLAND DRIVE = 25 MPH
151ST STREET = 40 MPH

DESIGN DESIGNATION

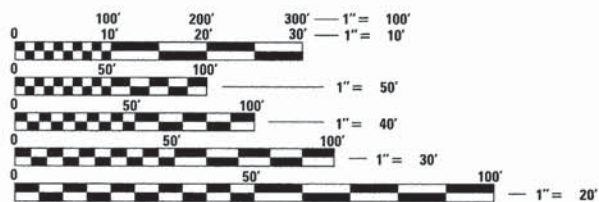
MEADOWVIEW LANE = LOCAL STREET
WOODLAND DRIVE = LOCAL STREET
151ST STREET = MAJOR COLLECTOR

J.U.L.I.E.

JOINT
UTILITY
LOCATION
INFORMATION FOR
EXCAVATION
CALL 811



Know what's below.
Call before you dig.



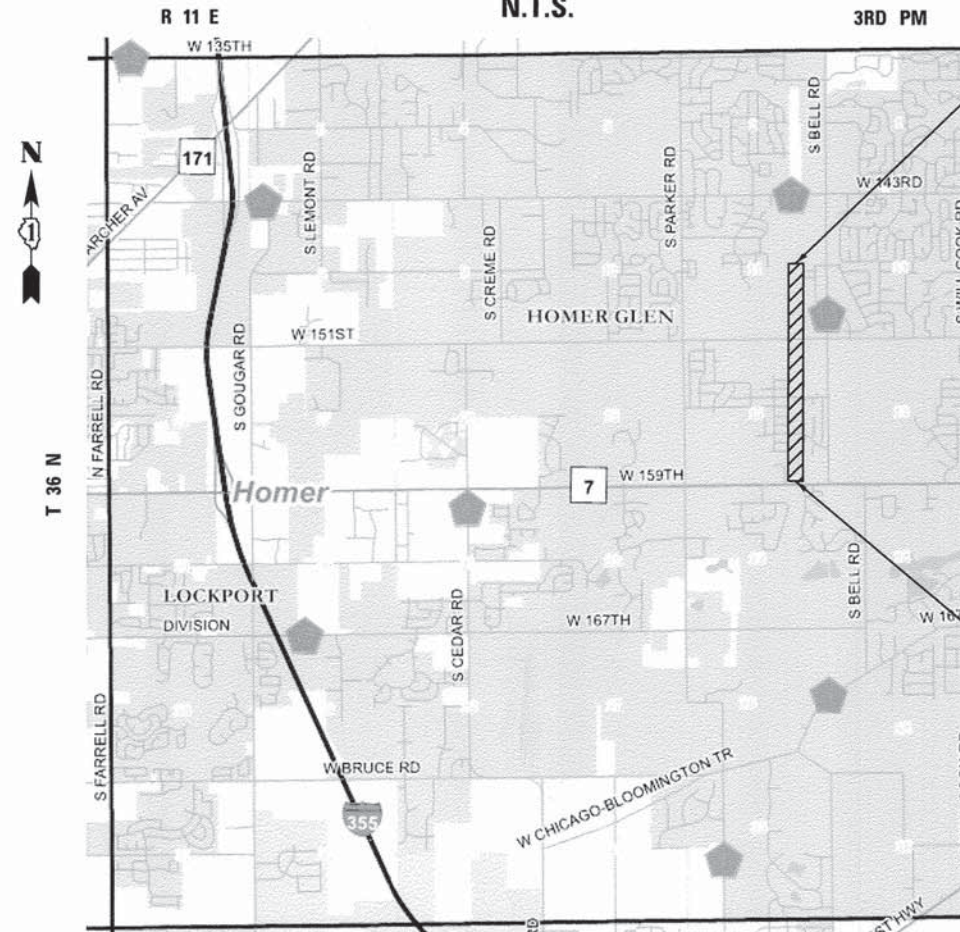
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.



420 NORTH FRONT STREET, SUITE 100 | McHENRY, ILLINOIS 60050
Phone: 815.385.1778 | Toll Free: 800.728.7805 | Fax: 815.385.1781 | HRGreen.com
ILLINOIS PROFESSIONAL DESIGN FIRM #184-001322

PROJECT ENGINEER: B. HARTMAN
PROJECT MANAGER: A. CHAUDHRY

CONTRACT NO.: 61B56



PROJECT ENDS
STA 285+24.94

PROJECT BEGINS
STA 200+54.45

PROJECT LENGTH
NET AND GROSS LENGTH OF IMPROVEMENT = 8,470 FT. = 1.604 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED March 11 2015
M. J. [Signature]
VILLAGE OF HOMER GLEN

PASSED April 10 2015
C. Holt CHRISTOPHER HOLT
DISTRICT ONE ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW April 10 2015
John Fatima
DEPUTY DIRECTOR OF HIGHWAYS, REGION ONE ENGINEER

PROFESSIONAL ENGINEER'S SIGN & SEAL

B. D. Hartman
BENJAMIN D. HARTMAN, P.E.
EXPIRES: 11-30-15

PRINTED BY THE AUTHORITY OF
THE STATE OF ILLINOIS

FEDERAL AID PROGRAM ENGINEER: FAWAD AQUEEL, P.E. 847-705-4021 SCHAUMBURG, IL

INDEX OF SHEETS

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| 19 - 22 | IDOT DISTRICT 1 DETAILS |
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STATE STANDARDS

| STANDARD NO. | LIST OF DESCRIPTION |
|--------------|---|
| 000001-06 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS |
| 001006-00 | DECIMAL OF AN INCH AND OF A FOOT |
| 280001-07 | TEMPORARY EROSION CONTROL SYSTEMS |
| 424001-08 | PERPENDICULAR CURB RAMPS FOR SIDEWALKS |
| 542301-03 | PRECAST REINFORCED CONCRETE FLARED END SECTION |
| 602001-02 | CATCH BASIN TYPE A |
| 602601-03 | PRECAST REINFORCED CONCRETE FLAT SLAB TOP |
| 602701-02 | MANHOLE STEPS |
| 604001-04 | FRAME AND LIDS, TYPE 1 |
| 604036-03 | GRATE TYPE B |
| 604051-04 | FRAME AND GRATE TYPE 11 |
| 606001-06 | CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER |
| 701001-02 | OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY |
| 701006-05 | OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE |
| 701011-04 | OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY |
| 701301-04 | LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS |
| 701501-06 | URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED |
| 701701-09 | URBAN LANE CLOSURE, MULTILANE INTERSECTION |
| 701801-05 | SIDEWALK, CORNER OR CROSSWALK CLOSURE |
| 701901-04 | TRAFFIC CONTROL DEVICES |
| 720001-01 | SIGN PANEL MOUNTING DETAILS |
| 720006-04 | SIGN PANEL ERECTION DETAILS |
| 728001-01 | TELESCOPING STEEL SIGN SUPPORT |
| 729001-01 | APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS) |
| 780001-05 | TYPICAL PAVEMENT MARKINGS |

DISTRICT ONE DETAILS

| STANDARD NO. | LIST OF DESCRIPTION |
|--------------|---|
| TC-10 | TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS |
| TC-13 | DISTRICT ONE TYPICAL PAVEMENT MARKINGS |
| TC-22 | ARTERIAL ROAD INFORMATION SIGN |

COMPANY NAME: HRGreen.com
 PROJECT CONTACT: Illinois Professional Design Firm
 CLIENT: # 184-001322
 DATE PLOTTED: 3/18/2015 3:08:53 PM
 FILE NAME: 194-gen_01.dgn
 PLOT DRIVER: PLOT.plt
 PLOT TABLE: s:\fordm\p\194\194.tbl



| | | |
|----------------------------|----------------|-----------|
| USER NAME = bhartha | DESIGNED - BDH | REVISED - |
| FILE NAME = 194-gen_01.dgn | DRAWN - GS | REVISED - |
| PLOT SCALE = N.T.S. | CHECKED - AC | REVISED - |
| PLOT DATE = 3/18/2015 | DATE - 3/16/15 | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

INDEX OF SHEETS, STATE STANDARDS AND DISTRICT ONE DETAILS

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

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|--------|--------------|-----------|
| | 12-00015-00-BT | WILL | 42 | 2 |
| CONTRACT NO. | | | 61B56 | |
| FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT | | | | |

GENERAL NOTES

- ALL REFERENCES TO "STANDARD SPECIFICATIONS" IN THESE GENERAL NOTES SHALL BE INTERPRETED TO MEAN "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, JANUARY 1, 2012. ALL WORK TO BE COMPLETED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
- ALL REFERENCES TO "ENGINEER" SHALL BE INTERPRETED TO MEAN THE RESIDENT ENGINEER.
- PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AFFECTING THEIR WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE. IF THERE ARE ANY DISCREPANCIES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLANS, HE MUST IMMEDIATELY REPORT SAME TO THE ENGINEER BEFORE DOING ANY WORK, OTHERWISE THE CONTRACTOR ASSUMES FULL RESPONSIBILITY. IN THE EVENT OF DISAGREEMENT BETWEEN THE CONSTRUCTION PLANS, STANDARD SPECIFICATIONS AND/OR SPECIAL DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTIONS FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSIONS OR DISCREPANCIES. FAILING TO SECURE SUCH INSTRUCTIONS, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS OWN RISK AND EXPENSE. IN THE EVENT OF ANY DOUBT OR QUESTION ARISING WITH RESPECT TO THE TRUE MEANING OF THE CONSTRUCTION PLANS OR SPECIFICATIONS, THE DECISION OF THE ENGINEER SHALL BE FINAL AND CONCLUSIVE.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS PRIOR TO BIDDING ON THE PROJECT.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION) AT 8-1-1 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION IS REQUIRED).
- ALL ELEVATIONS SHOWN ON THE PLANS ARE ON THE NAVD 88 DATUM.
- THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS, PROPERTY CORNERS, AND REFERENCE MARKERS UNTIL THE OWNER, HIS AGENT, OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.
- ALL RADII FOR PROPOSED CURB AND GUTTER ARE TO THE EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED. CURB AND GUTTER ELEVATIONS SHOWN ALONG RETURNS AND AT POINTS OF CURVATURE, ETC. ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- OFFSET LOCATIONS GIVEN IN THE PLANS FOR STRUCTURES, EDGE OF PAVEMENT, ETC. ARE FROM THE ROADWAY CENTERLINE.
- SAW CUTTING OF PAVEMENTS, CURB AND GUTTER, SIDEWALK, ETC. SHALL BE TO FULL DEPTH AND SHALL RESULT IN A CLEAN STRAIGHT EDGE ON THE PORTION REMAINING. ALL SAW CUTTING SHALL BE CONSIDERED INCLUDED IN THE ITEM REMOVED.
- THE CONTRACTOR WILL BE REQUIRED TO TEMPORARILY RESET ALL EXISTING MAILBOXES WHICH INTERFERE WITH CONSTRUCTION OPERATIONS AND AFTER COMPLETION OF ROADWAY CONSTRUCTIONS, TO SET THEM IN THEIR PERMANENT LOCATIONS PER UNITED STATES POST OFFICE REQUIREMENTS. THIS WORK SHALL BE DONE IN CONFORMANCE WITH ARTICLE 107.20 OF THE STANDARD SPECIFICATIONS.
- IN ADDITION TO THE REQUIREMENTS OF SECTION 107.01 OF THE STANDARD SPECIFICATIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER REMOVAL AND DISPOSAL OF EXCAVATED MATERIALS FROM THE PROJECT SITE. THE CONTRACTOR WILL MEET ALL REQUIREMENTS SET FORTH BY THE IEPA AND PUBLIC ACT 96-1416 IN REGARDS TO CLEAN CONSTRUCTION AND DEMOLITION DEBRIS WHICH MAY INCLUDE, BUT NOT LIMITED TO, FIELD AND LABORATORY ANALYSES, CERTIFICATION FROM A LICENSED PROFESSIONAL ENGINEER, DUMPING FEES AND DOCUMENTATION. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE OF THE ITEM BEING REMOVED OR INSTALLED. NO ADDITIONAL COMPENSATION WILL BE PROVIDED.
- THE CONTRACTOR SHALL PAY SPECIAL ATTENTION TO CURB MARKINGS. WATER AND SANITARY SERVICE LOCATIONS HAVE BEEN MARKED WITH 'W' AND 'S' SYMBOLS THROUGHOUT THE PROJECT LIMITS. THESE MARKINGS MUST BE LOCATED BY THE CONTRACTOR AND REPLACED DURING FINISHING OF THE CONCRETE FINISHING. THIS WORK WILL BE INCLUDED IN THE COST OF THE CONCRETE CURB OR SHOULDER BEING CONSTRUCTED.

1. STORM SEWERS, WATER MAINS, AND UTILITIES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL UTILITIES PRIOR TO CONSTRUCTION TO DETERMINE THE LOCATION OF ALL UTILITY EQUIPMENT. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS IF UTILITY RELOCATION, ADJUSTMENT, OR PROTECTION IS NECESSARY.
- THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND ANY OTHER PUBLIC OR PRIVATE UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE AND THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR. THIS WORK SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND AND SURFACE UTILITIES EVEN THOUGH THEY MIGHT NOT BE SHOWN ON THE PLANS. ANY UTILITY PROPERTY DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER AT THE CONTRACTOR'S EXPENSE.
- ALL UTILITY COMPANIES SHALL BE NOTIFIED AT LEAST 3 DAYS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL PAY SPECIAL ATTENTION TO THE REQUIREMENTS FOR WORK NEAR NORTHERN BORDER PIPELINE FACILITIES. A REPRESENTATIVE FROM NORTHERN BORDER PIPELINE MUST BE NOTIFIED AND BE ON-SITE FOR ANY WORK OVER/NEAR THEIR PIPELINES.
- THE CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONS AND PROTECTION MEASURES REQUIRED TO MAINTAIN EXISTING UTILITIES, SEWERS, AND APPURTENANCES THAT MUST BE KEPT IN OPERATION.
- UNLESS OTHERWISE NOTED OFFSETS FOR DRAINAGE STRUCTURES LOCATED IN CURB AND GUTTER ARE TO THE EDGE OF PAVEMENT AND OFFSETS FOR DRAINAGE STRUCTURES NOT LOCATED IN THE CURB AND GUTTER ARE TO THE CENTER OF THE STRUCTURE.
- THE CONNECTION OF PROPOSED PIPES TO EXISTING STORM STRUCTURES WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE COST OF THE STORM SEWER BEING INSTALLED.

GENERAL NOTES (CONT.)

STORM SEWERS, WATER MAINS, AND UTILITIES (CONT.)

- 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 INCLUDED IN THE UNIT BID PRICES OF THE STORM SEWERS BEING INSTALLED.
- WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN, IN AN OPERATING CONDITION, TEMPORARY OUTLETS AND CONNECTIONS FOR ALL DRAINS, SEWERS, AND CATCH BASINS. THE CONTRACTOR SHALL PROVIDE FACILITIES WHICH HAVE THE CAPACITY TO RECEIVE AND DISCHARGE THE STORM WATER FLOW RATES NORMALLY ACCEPTED AND RELEASED BY THE EXISTING DRAINAGE FACILITIES. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.
- ALL FRAMES WITH CLOSED LIDS TO BE FURNISHED AS PART OF THE CONTRACT FOR CONSTRUCTION, ADJUSTMENT OR RECONSTRUCTION OF ANY MANHOLE, CATCH BASIN, OR INLET, SHALL HAVE CAST INTO THE LID ONE OF THE FOLLOWING WORDS: ALL LIDS TO BE USED ON STORM SEWER STRUCTURES SHALL BEAR THE WORD "STORM." ANY ADDITIONAL COST FOR THIS REQUIREMENT WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE STRUCTURE BEING INSTALLED.
- FRAME ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. FRAMES ON ALL NEW, ADJUSTED OR RECONSTRUCTED STRUCTURES WILL BE ADJUSTED TO THE FINAL ELEVATION OF THE AREA IN WHICH THEY ARE LOCATED AS PART OF THE STRUCTURE, ADJUSTMENT OR RECONSTRUCTION COST.
- ALL STORM SEWER CLASS A SHALL BE REINFORCED CONCRETE PIPE WITH FLEXIBLE GASKET MEETING THE REQUIREMENTS OF ASTM C361. THIS ITEM WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT PRICE OF STORM SEWER.
- THE INDISCRIMINATE USE OF FIRE HYDRANTS OR EXISTING STREAMS, CREEKS, WETLANDS OR PONDS IS STRICTLY PROHIBITED. THE CONTRACTOR SHALL PROVIDE A WATER TRUCK AND DRIVER AS REQUIRED TO OBTAIN AND TRANSPORT THIS WATER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING WATER FROM AN APPROVED SOURCE. IF THIS WATER IS FROM A SOURCE OTHER THAN HIS YARD, WRITTEN APPROVAL FROM THE AGENCY HAVING JURISDICTION FOR THE SOURCE OF THE WATER MUST BE RECEIVED BY THE ENGINEER PRIOR TO USE OF THE WATER.
- ONLY PRECAST CONCRETE ADJUSTMENT RINGS, MAXIMUM OF 12" IN HEIGHT, WILL BE ALLOWED IN THE ADJUSTMENT OR RECONSTRUCTION OF CATCH BASIN, MANHOLE, INLET AND VALVE VAULT STRUCTURES. COMMON BRICK WILL NOT BE ALLOWED. THE RINGS SHALL BE INCLUDED IN THE COST OF WORK BEING PERFORMED.
- AT WATER MAIN AND STORM SEWER ROADWAY CROSSING LOCATIONS, TRENCH BACKFILL SHALL BE PLACED TO TO TOP OF THE TRENCH AS A TEMPORARY CONDITION UNTIL THE FULL-DEPTH PATCH OR DRIVEWAY PAVEMENT IS CONSTRUCTED. MAINTENANCE OF THE TRENCH BACKFILL SURFACE IN THE TEMPORARY CONDITION WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. REMOVAL OF THE TRENCH BACKFILL TO CONSTRUCT THE PATCH OR DRIVEWAY PAVEMENT WILL NOT BE PAID FOR SEPARATELY. THIS WORK WILL BE INCLUDED IN THE COST OF THE PATCH BEING CONSTRUCTED.

GENERAL NOTES (CONT.)

SIGNING AND STRIPING

- SEE IDOT DISTRICT ONE DETAILS AND PLAN SHEETS FOR PAVEMENT MARKING DETAILS.
- SIGNS SHALL NOT BE MOVED OR COVERED UNTIL PROGRESS OF WORK NECESSITATES IT.
- THE CONTRACTOR WILL BE REQUIRED TO TEMPORARILY RESET ALL SUCH SIGNS THAT INTERFERE WITH HIS CONSTRUCTION OPERATIONS. ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND CLEAN FOR THE DURATION OF THE TEMPORARY SETTING AND MUST BE RE-ERECTED AT A TEMPORARY LOCATION IN A WORKMANLIKE MANNER AND BE VISIBLE TO THE TRAFFIC FOR WHICH IT IS INTENDED. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.
- ALL SIGNS SHALL BE INSTALLED IN PERMANENT LOCATIONS AS THE ROADWAY IS COMPLETED. THIS WORK SHALL BE PAID FOR USING THE APPROPRIATE PAY ITEMS.
- LONGER POSTS MAY BE REQUIRED AT SOME TEMPORARY OR PERMANENT SIGN LOCATIONS TO MAINTAIN PROPER SIGN ELEVATIONS. THIS WORK SHALL BE PAID FOR IN ACCORDANCE WITH SECTION 728 OF THE STANDARD SPECIFICATIONS.


EROSION CONTROL PLANS

- SEE EROSION CONTROL PLANS FOR GENERAL NOTES CONCERNING EROSION CONTROL.

EARTHWORK

- SUBGRADE SHALL BE PREPARED IN ACCORDANCE WITH ARTICLE 301.03 OF THE STANDARD SPECIFICATIONS BEFORE REMOVAL OF ANY UNSTABLE MATERIAL.

COMPANY NAME: HRGreen.com
 PROJECT CONTACT: Illinois Professional Design Firm
 CLIENT: # 184-001322
 DATE PLOTTED: 3/18/2015 3:08:56 PM
 FILE NAME: 194-gen_02.dgn
 PLOT DRIVER: PLOT.plt
 PEN TABLE: s:\fontcolor\trans.tbl

| | | | | | | | | | | | | | |
|--|----------------------------|----------------|-----------|---|---------------|-------------------------|------|---------|---|---------|--------|--------------|--------------------|
|  HRGreen.com Illinois Professional Design Firm # 184-001322 | USER NAME = bhartha | DESIGNED - BDH | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | GENERAL NOTES | | | | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | FILE NAME = 194-gen_02.dgn | DRAWN - GS | REVISED - | | SCALE: N.T.S. | SHEET NO. 2 OF 2 SHEETS | STA. | TO STA. | 12-00015-00-BT | WILL | 42 | 3 | CONTRACT NO. 61B56 |
| | PLOT SCALE = N.T.S. | CHECKED - AC | REVISED - | | | | | | FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT | | | | |
| | PLOT DATE = 3/18/2015 | DATE - 3/16/15 | REVISED - | | | | | | | | | | |

SUMMARY OF QUANTITIES

| PAYCODE | ITEM DESCRIPTION | UNIT | TOTAL | TRAIL 80%FEDERAL 20%LOCAL 0028 |
|----------|--|-------|--------|---|
| 20200100 | EARTH EXCAVATION | CU YD | 3,135 | 3,135 |
| 20201200 | REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL | CU YD | 1,410 | 1,410 |
| 20800150 | TRENCH BACKFILL | CU YD | 20 | 20 |
| 21101615 | TOPSOIL FURNISH AND PLACE, 4" | SQ YD | 12,610 | 12,610 |
| 25000210 | SEEDING, CLASS 2A | ACRE | 2.7 | 2.7 |
| 25000400 | NITROGEN FERTILIZER NUTRIENT | POUND | 235 | 235 |
| 25000500 | PHOSPHORUS FERTILIZER NUTRIENT | POUND | 235 | 235 |
| 25000600 | POTASSIUM FERTILIZER NUTRIENT | POUND | 235 | 235 |
| 25100630 | EROSION CONTROL BLANKET | SQ YD | 12,610 | 12,610 |
| 28000250 | TEMPORARY EROSION CONTROL SEEDING | POUND | 200 | 200 |
| 28000305 | TEMPORARY DITCH CHECKS | FOOT | 80 | 80 |
| 28000400 | PERIMETER EROSION BARRIER | FOOT | 1,330 | 1,330 |
| 28000500 | INLET AND PIPE PROTECTION | EACH | 10 | 10 |
| 31101400 | SUBBASE GRANULAR MATERIAL, TYPE B 6" | SQ YD | 10,680 | 10,680 |
| 40600275 | BITUMINOUS MATERIALS (PRIME COAT) | POUND | 4,315 | 4,315 |
| 40603335 | HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 | TON | 1,120 | 1,120 |
| 42400200 | PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH | SQ FT | 640 | 640 |
| 42400800 | DETECTABLE WARNINGS | SQ FT | 180 | 180 |
| 44000100 | PAVEMENT REMOVAL | SQ YD | 300 | 300 |
| 44000600 | SIDEWALK REMOVAL | SQ FT | 790 | 790 |
| 44201696 | CLASS D PATCHES, TYPE IV, 4 INCH | SQ YD | 540 | 540 |
| 54213657 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12" | EACH | 1 | 1 |
| 542D0217 | PIPE CULVERTS, CLASS D, TYPE 1 12" | FOOT | 20 | 20 |
| 550A0050 | STORM SEWERS, CLASS A, TYPE 1 12" | FOOT | 185 | 185 |
| 60200105 | CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID | EACH | 2 | 2 |
| 67100100 | MOBILIZATION | L SUM | 1 | 1 |
| 70102620 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701501 | L SUM | 1 | 1 |
| 70102640 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701801 | L SUM | 1 | 1 |
| 72000100 | SIGN PANEL - TYPE 1 | SQ FT | 65 | 65 |
| 72800100 | TELESCOPING STEEL SIGN SUPPORT | FOOT | 180 | 180 |
| 78000400 | THERMOPLASTIC PAVEMENT MARKING - LINE 6" | FOOT | 161 | 161 |
| 78000600 | THERMOPLASTIC PAVEMENT MARKING - LINE 12" | FOOT | 360 | 360 |
| Z0004562 | COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT | FOOT | 155 | 155 |
| Z0013798 | CONSTRUCTION LAYOUT | L SUM | 1 | 1 |
| Z0030850 | TEMPORARY INFORMATION SIGNING | SQ FT | 51 | 51 |

* SPECIAL PROVISION
+ SPECIALTY ITEM

COMPANY NAME: HRGreen
PROJECT: 12-00015-00-8T
CLIENT: WILL
DATE PLOTTED: 10/24/15
SCALE: N.T.S.
DRAWN BY: JPH
CHECKED BY: JPH
DATE: 10/24/15



12-00015-00-8T
10/24/15

DATE: 10/24/15

REVISIONS
1
2
3
4

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

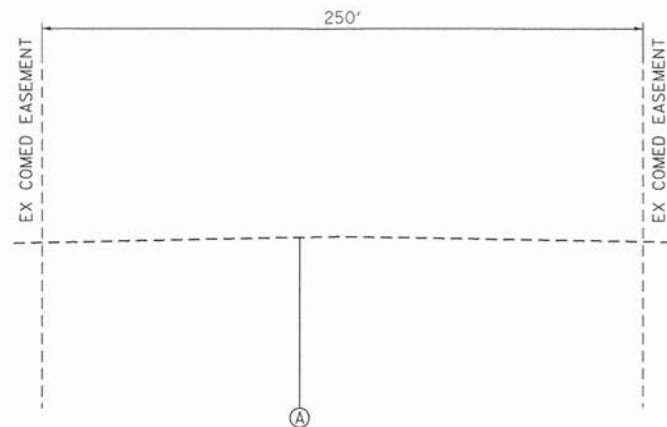
SUMMARY OF QUANTITIES

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SECTION: 12-00015-00-8T

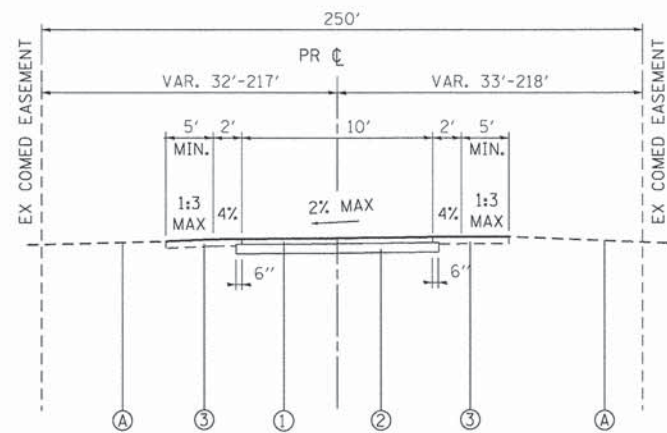
COUNTY SHEETS: 42
TOTAL SHEETS: 43
CONTRACT NO: 61856

10 PR



EXISTING TYPICAL SECTION

HOMER GLEN COMMUNITY TRAIL
STA 200+54.45 TO STA 285+24.94



PROPOSED TYPICAL SECTION

HOMER GLEN COMMUNITY TRAIL
STA 200+54.45 TO STA 285+24.94

EXISTING LEGEND

(A) EXISTING GROUND

PROPOSED LEGEND

- ① PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2"
- ② PROP. SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
- ③ TOPSOIL FURNISH AND PLACE, 4" AND SEEDING, CLASS 2A

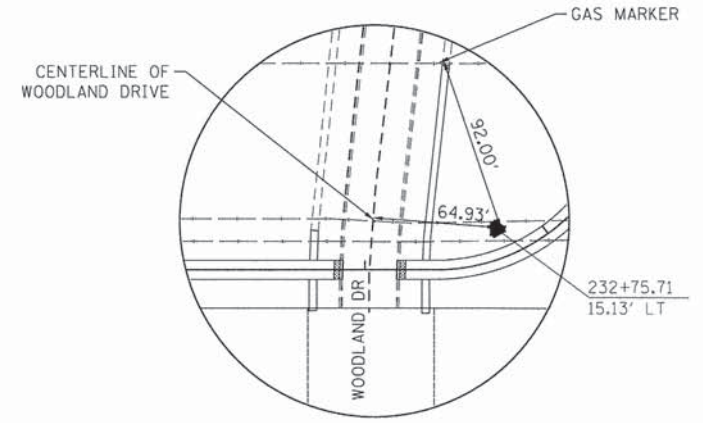
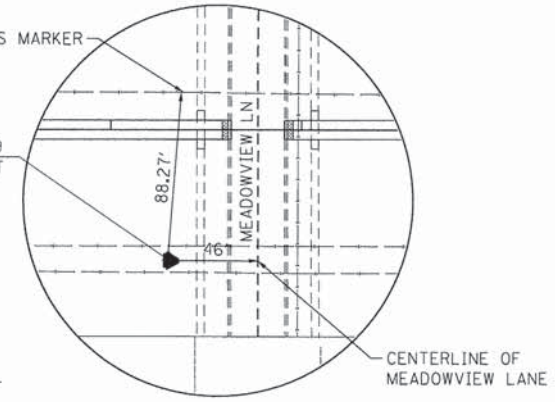
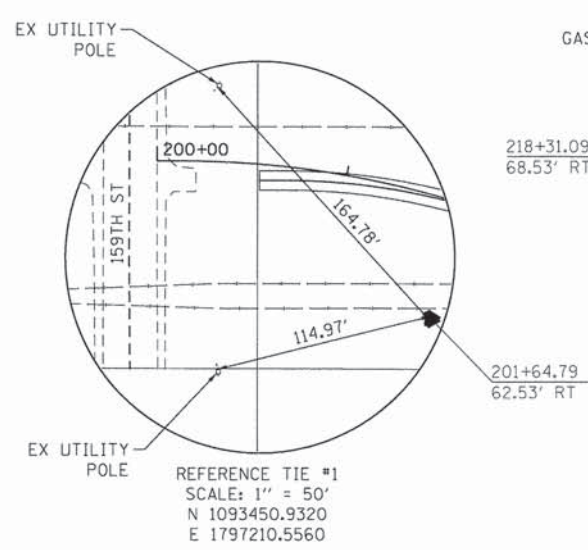
| STATION | EARTHWORK (SQ FT) | | | STATION | EARTHWORK (CU YD) | | | WASTE (+) OR SHORTAGE (-) WITH 20% SHRINKAGE |
|-----------|-----------------------|--------|-------|-----------|-----------------------|-------|------|--|
| | REM & DISP UNSUITABLE | CUT | FILL | | REM & DISP UNSUITABLE | CUT | FILL | |
| HOMERTR1 | | | | HOMERTR1 | | | | |
| 200+00.00 | 5.10 | 8.80 | 0.00 | 200+00.00 | 0.0 | 0.0 | 0.0 | 0.0 |
| 200+50.00 | 0.80 | 0.10 | 28.50 | 200+50.00 | 5.5 | 8.2 | 26.4 | -19.8 |
| 201+00.00 | 4.40 | 1.30 | 1.70 | 201+00.00 | 4.8 | 1.3 | 28.0 | -26.9 |
| 201+50.00 | 4.90 | 3.70 | 1.50 | 201+50.00 | 8.6 | 4.6 | 3.0 | 0.7 |
| 202+00.00 | 5.90 | 6.50 | 0.40 | 202+00.00 | 10.0 | 9.4 | 1.8 | 5.8 |
| 202+50.00 | 3.70 | 1.70 | 2.70 | 202+50.00 | 8.9 | 7.6 | 2.9 | 3.2 |
| 203+00.00 | 1.00 | 11.80 | 11.30 | 203+00.00 | 4.4 | 1.7 | 13.0 | -11.6 |
| 203+50.00 | 4.10 | 0.70 | 4.70 | 203+50.00 | 4.7 | 0.7 | 14.8 | -14.2 |
| 204+00.00 | 6.60 | 8.50 | 1.40 | 204+00.00 | 9.9 | 8.5 | 5.6 | 1.2 |
| 204+50.00 | 7.70 | 16.80 | 0.00 | 204+50.00 | 13.2 | 23.4 | 1.3 | 17.4 |
| 205+00.00 | 6.70 | 9.10 | 0.70 | 205+00.00 | 13.3 | 24.0 | 0.6 | 18.5 |
| 205+50.00 | 1.50 | 0.10 | 3.60 | 205+50.00 | 7.6 | 8.5 | 4.0 | 2.8 |
| 206+00.00 | 1.10 | 0.10 | 6.30 | 206+00.00 | 2.4 | 0.2 | 9.2 | -9.0 |
| 206+50.00 | 6.90 | 70.90 | 2.20 | 206+50.00 | 7.4 | 65.2 | 7.9 | 44.3 |
| 207+00.00 | 7.40 | 11.80 | 1.30 | 207+00.00 | 13.2 | 76.0 | 3.2 | 57.6 |
| 207+50.00 | 2.30 | 0.90 | 3.00 | 207+50.00 | 9.0 | 11.8 | 3.6 | 3.6 |
| 208+00.00 | 0.80 | 0.10 | 14.30 | 208+00.00 | 2.9 | 0.9 | 17.9 | -17.1 |
| 208+50.00 | 4.50 | 0.80 | 0.60 | 208+50.00 | 4.9 | 0.8 | 13.8 | -13.1 |
| 209+00.00 | 3.50 | 0.10 | 0.80 | 209+00.00 | 7.4 | 0.8 | 1.3 | -0.6 |
| 209+50.00 | 3.30 | 0.10 | 0.70 | 209+50.00 | 6.3 | 0.2 | 1.4 | -1.2 |
| 210+00.00 | 4.20 | 0.10 | 0.70 | 210+00.00 | 6.9 | 0.2 | 1.3 | -1.1 |
| 210+50.00 | 4.80 | 0.30 | 0.30 | 210+50.00 | 8.3 | 0.4 | 0.9 | -0.6 |
| 211+00.00 | 1.00 | 2.10 | 2.10 | 211+00.00 | 5.4 | 0.5 | 2.2 | -1.9 |
| 211+50.00 | 5.60 | 12.90 | 0.00 | 211+50.00 | 6.1 | 1.9 | 7.8 | 7.8 |
| 212+00.00 | 5.80 | 14.20 | 0.00 | 212+00.00 | 10.6 | 25.1 | 0.0 | 20.1 |
| 212+50.00 | 5.10 | 5.60 | 0.10 | 212+50.00 | 10.1 | 18.3 | 0.1 | 14.6 |
| 213+00.00 | 2.90 | 0.20 | 1.30 | 213+00.00 | 7.4 | 5.4 | 1.3 | 3.0 |
| 213+50.00 | 0.80 | 0.10 | 13.70 | 213+50.00 | 3.4 | 0.3 | 13.9 | -13.7 |
| 214+00.00 | 1.80 | 0.10 | 1.50 | 214+00.00 | 2.4 | 0.2 | 14.1 | -13.9 |
| 214+50.00 | 4.70 | 0.50 | 0.40 | 214+50.00 | 6.0 | 0.6 | 1.8 | -1.3 |
| 215+00.00 | 0.90 | 0.10 | 4.90 | 215+00.00 | 3.1 | 4.8 | 1.9 | 4.5 |
| 215+50.00 | 2.50 | 0.10 | 1.30 | 215+50.00 | 3.1 | 0.2 | 5.7 | -5.6 |
| 216+00.00 | 4.70 | 0.30 | 0.40 | 216+00.00 | 6.7 | 0.4 | 1.6 | -1.3 |
| 216+50.00 | 4.90 | 8.00 | 0.00 | 216+50.00 | 8.9 | 7.7 | 0.4 | 5.8 |
| 217+00.00 | 5.00 | 7.10 | 0.00 | 217+00.00 | 9.2 | 14.0 | 0.0 | 11.2 |
| 217+50.00 | 5.40 | 13.00 | 0.00 | 217+50.00 | 9.6 | 18.6 | 0.0 | 14.9 |
| 218+00.00 | 5.20 | 11.90 | 0.00 | 218+00.00 | 9.8 | 23.1 | 0.0 | 18.4 |
| 218+50.00 | 4.70 | 9.10 | 0.00 | 218+50.00 | 9.2 | 19.4 | 0.0 | 15.6 |
| 219+00.00 | 5.20 | 8.50 | 0.00 | 219+00.00 | 9.2 | 16.3 | 0.0 | 13.0 |
| 219+50.00 | 1.00 | 0.10 | 5.20 | 219+50.00 | 5.7 | 8.0 | 4.8 | 1.6 |
| 220+00.00 | 0.80 | 0.10 | 18.80 | 220+00.00 | 1.7 | 0.2 | 22.2 | -22.1 |
| 220+50.00 | 0.90 | 0.10 | 16.80 | 220+50.00 | 1.6 | 0.2 | 33.0 | -32.8 |
| 221+00.00 | 1.70 | 0.10 | 4.60 | 221+00.00 | 2.4 | 0.2 | 19.8 | -19.7 |
| 221+50.00 | 5.00 | 2.80 | 0.40 | 221+50.00 | 6.2 | 2.7 | 4.6 | -2.5 |
| 222+00.00 | 3.40 | 11.90 | 0.00 | 222+00.00 | 9.4 | 13.6 | 0.4 | 10.5 |
| 222+50.00 | 3.40 | 0.10 | 1.10 | 222+50.00 | 7.9 | 11.1 | 1.0 | 7.9 |
| 223+00.00 | 0.90 | 0.10 | 11.30 | 223+00.00 | 4.0 | 0.2 | 11.5 | -11.3 |
| 223+50.00 | 0.90 | 0.10 | 19.20 | 223+50.00 | 1.7 | 0.2 | 28.2 | -28.1 |
| 224+00.00 | 0.90 | 0.10 | 16.30 | 224+00.00 | 1.7 | 0.2 | 32.9 | -32.7 |
| 224+50.00 | 0.90 | 0.10 | 13.20 | 224+50.00 | 1.7 | 0.2 | 27.3 | -27.2 |
| 225+00.00 | 4.50 | 0.10 | 0.60 | 225+00.00 | 5.0 | 0.2 | 12.8 | -12.6 |
| 225+50.00 | 5.20 | 4.10 | 0.00 | 225+50.00 | 9.0 | 3.9 | 0.6 | 2.6 |
| 226+00.00 | 4.90 | 4.80 | 0.00 | 226+00.00 | 9.4 | 8.2 | 0.0 | 6.6 |
| 226+50.00 | 5.00 | 7.80 | 0.00 | 226+50.00 | 9.2 | 11.7 | 0.0 | 9.3 |
| 227+00.00 | 5.40 | 12.80 | 0.00 | 227+00.00 | 9.6 | 19.1 | 0.0 | 15.3 |
| 227+50.00 | 6.00 | 17.50 | 0.00 | 227+50.00 | 10.6 | 28.1 | 0.0 | 22.4 |
| 228+00.00 | 6.10 | 17.20 | 0.00 | 228+00.00 | 11.2 | 32.1 | 0.0 | 25.7 |
| 228+50.00 | 7.20 | 25.10 | 0.00 | 228+50.00 | 12.3 | 39.2 | 0.0 | 31.3 |
| 229+00.00 | 6.60 | 21.40 | 0.00 | 229+00.00 | 12.8 | 43.1 | 0.0 | 34.4 |
| 229+50.00 | 5.20 | 11.80 | 0.00 | 229+50.00 | 10.9 | 30.7 | 0.0 | 24.6 |
| 230+00.00 | 5.20 | 4.80 | 0.00 | 230+00.00 | 9.6 | 15.4 | 0.0 | 12.3 |
| 230+50.00 | 5.00 | 7.00 | 0.00 | 230+50.00 | 9.4 | 10.9 | 0.0 | 8.7 |
| 231+00.00 | 4.90 | 7.50 | 0.00 | 231+00.00 | 9.2 | 13.4 | 0.0 | 10.7 |
| 231+50.00 | 6.20 | 18.60 | 0.00 | 231+50.00 | 10.3 | 24.2 | 0.0 | 19.3 |
| 232+00.00 | 31.00 | 192.80 | 0.00 | 232+00.00 | 69.1 | 391.5 | 0.0 | 313.2 |
| 233+00.00 | 37.00 | 239.20 | 0.00 | 233+00.00 | 63.1 | 400.0 | 0.0 | 320.0 |
| 233+50.00 | 28.30 | 148.50 | 0.00 | 233+50.00 | 60.5 | 359.0 | 0.0 | 287.2 |
| 234+00.00 | 12.10 | 61.50 | 0.00 | 234+00.00 | 37.4 | 194.4 | 0.0 | 155.6 |
| 234+50.00 | 11.00 | 54.90 | 0.00 | 234+50.00 | 21.4 | 107.8 | 0.0 | 86.2 |
| 235+00.00 | 5.50 | 13.70 | 0.00 | 235+00.00 | 15.3 | 63.5 | 0.0 | 50.8 |
| 235+50.00 | 2.40 | 0.10 | 1.20 | 235+50.00 | 7.3 | 12.8 | 1.1 | 9.1 |
| 236+00.00 | 0.80 | 0.10 | 28.90 | 236+00.00 | 3.0 | 0.2 | 27.9 | -27.7 |
| 236+50.00 | 0.90 | 0.10 | 55.10 | 236+50.00 | 1.6 | 0.2 | 77.8 | -77.6 |
| 237+00.00 | 0.90 | 0.10 | 37.10 | 237+00.00 | 1.7 | 0.2 | 85.4 | -85.2 |
| 237+50.00 | 0.90 | 0.10 | 14.60 | 237+50.00 | 1.7 | 0.2 | 47.9 | -47.7 |
| 238+00.00 | 5.10 | 2.50 | 0.00 | 238+00.00 | 5.6 | 2.4 | 13.5 | -11.6 |
| 238+50.00 | 5.00 | 6.50 | 0.00 | 238+50.00 | 8.3 | 6.7 | 0.0 | 6.7 |
| 239+00.00 | 4.90 | 5.80 | 0.40 | 239+00.00 | 9.2 | 9.2 | 0.4 | 7.3 |
| 239+50.00 | 0.90 | 0.10 | 13.50 | 239+50.00 | 5.4 | 3.6 | 12.9 | -10.0 |

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

| MIXTURE TYPE | AIR VOIDS @Ndes |
|--|-----------------|
| MULTI USE TRAIL | |
| HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50; 2" | 4% @ 50 GYR. |

1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ YD/IN.
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" TYPE SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.
3. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

| STATION | EARTHWORK (SQ FT) | | | STATION | EARTHWORK (CU YD) | | | WASTE (+) OR SHORTAGE (-) WITH 20% SHRINKAGE |
|-----------|-----------------------|-------|-------|-----------|-----------------------|------|------|--|
| | REM & DISP UNSUITABLE | CUT | FILL | | REM & DISP UNSUITABLE | CUT | FILL | |
| 240+00.00 | 0.90 | 0.10 | 56.20 | 240+00.00 | 1.7 | 0.2 | 64.5 | -64.4 |
| 240+50.00 | 4.90 | 8.60 | 0.00 | 240+50.00 | 5.4 | 8.1 | 52.0 | -45.6 |
| 241+00.00 | 7.30 | 28.00 | 0.00 | 241+00.00 | 11.3 | 33.9 | 0.0 | 27.1 |
| 241+50.00 | 5.20 | 5.70 | 0.00 | 241+50.00 | 11.6 | 31.2 | 0.0 | 25.0 |
| 242+00.00 | 0.90 | 0.10 | 23.00 | 242+00.00 | 5.6 | 5.4 | 21.3 | -17.0 |
| 242+50.00 | 1.00 | 0.10 | 45.80 | 242+50.00 | 1.8 | 0.2 | 63.7 | -63.6 |
| 243+00.00 | 0.80 | 0.10 | 43.10 | 243+00.00 | 1.7 | 0.2 | 82.3 | -82.2 |
| 243+50.00 | 1.00 | 0.10 | 34.40 | 243+50.00 | 1.7 | 0.2 | 71.8 | -71.6 |
| 244+00.00 | 0.80 | 0.10 | 21.10 | 244+00.00 | 1.7 | 0.2 | 51.4 | -51.2 |
| 244+50.00 | 0.90 | 0.10 | 8.40 | 244+50.00 | 1.6 | 0.2 | 27.3 | -27.2 |
| 245+00.00 | 1.10 | 0.10 | 2.10 | 245+00.00 | 1.9 | 0.2 | 9.7 | -9.6 |
| 245+50.00 | 4.70 | 0.20 | 0.40 | 245+50.00 | 5.4 | 0.3 | 2.3 | -2.1 |
| 246+00.00 | 0.90 | 0.10 | 2.00 | 246+00.00 | 5.2 | 0.3 | 2.2 | -2.0 |
| 246+50.00 | 5.00 | 2.20 | 0.00 | 246+50.00 | 5.5 | 2.1 | 1.9 | -0.1 |
| 247+00.00 | 6.90 | 23.40 | 0.00 | 247+00.00 | 11.0 | 23.7 | 0.0 | 19.0 |
| 247+50.00 | 8.30 | 34.70 | 0.00 | 247+50.00 | 14.1 | 53.8 | 0.0 | 43.0 |
| 248+00.00 | 5.30 | 12.60 | 0.00 | 248+00.00 | 9.2 | 43.8 | 0.0 | 35.0 |
| 248+50.00 | 1.10 | 0.10 | 5.80 | 248+50.00 | 5.9 | 11.8 | 5.4 | 4.0 |
| 249+00.00 | 0.90 | 0.10 | 20.60 | 249+00.00 | 1.9 | 0.2 | 24.4 | -24.3 |
| 249+50.00 | 0.90 | 0.10 | 23.60 | 249+50.00 | 1.7 | 0.2 | 40.9 | -40.8 |
| 250+00.00 | 0.90 | 0.10 | 27.30 | 250+00.00 | 1.7 | 0.2 | 47.1 | -47.0 |
| 250+50.00 | 0.90 | 0.10 | 31.00 | 250+50.00 | 1.7 | 0.2 | 54.0 | -53.8 |
| 251+00.00 | 0.90 | 0.10 | 23.40 | 251+00.00 | 1.7 | 0.2 | 50.4 | -50.2 |
| 251+50.00 | 0.90 | 0.10 | 7.70 | 251+50.00 | 1.7 | 0.2 | 28.8 | -28.6 |
| 252+00.00 | 4.70 | 0.00 | 0.00 | 252+00.00 | 9.6 | 22.3 | 0.0 | 17.9 |
| 252+50.00 | 5.70 | 15.60 | 0.00 | 252+50.00 | 9.6 | 22.3 | 0.0 | 23.2 |
| 253+00.00 | 5.90 | 15.70 | 0.00 | 253+00.00 | 10.7 | 29.0 | 0.0 | 23.2 |
| 253+50.00 | 5.00 | 6.50 | 0.00 | 253+50.00 | 10.1 | 20.6 | 0.0 | 16.4 |
| 254+00.00 | 3.70 | 0.50 | 1.00 | 254+00.00 | 8.1 | 6.5 | 0.9 | 4.3 |
| 254+50.00 | 5.20 | 8.90 | 0.00 | 254+50.00 | 8.2 | 8.7 | 0.9 | 6.0 |
| 255+00.00 | 5.10 | 2.20 | 0.10 | 255+00.00 | 9.5 | 10.3 | 0.1 | 8.1 |
| 255+50.00 | 4.80 | 0.30 | 0.30 | 255+50.00 | 9.1 | 1.5 | 0.5 | 1.8 |
| 256+00.00 | 5.00 | 0.90 | 0.20 | 256+00.00 | 9.1 | 1.5 | 0.5 | 0.7 |
| 256+50.00 | 5.30 | 13.60 | 0.00 | 256+50.00 | 9.5 | 13.4 | 0.2 | 10.6 |
| 257+00.00 | 7.00 | 23.70 | 0.00 | 257+00.00 | 11.4 | 34.5 | 0.0 | 27.6 |
| 257+50.00 | 5.10 | 10.70 | 0.00 | 257+50.00 | 11.2 | 31.9 | 0.0 | 25.5 |
| 258+0 | | | | | | | | |



REFERENCE TIE #1
SCALE: 1" = 50'
N 1093450.9320
E 1797210.5560

REFERENCE TIE #2
SCALE: 1" = 50'
N 1093388.7760
E 1798865.9220

REFERENCE TIE #3
SCALE: 1" = 50'
N 1093344.0940
E 1800286.3140

PROP. CURVE HOMERTR1-3
PI STA. = 214+02.39
Δ = 31° 48' 24" (LT)
D = 19° 05' 55"
R = 300.00'
T = 85.48'
L = 166.54'
E = 11.94'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 213+16.92
P.T. STA. = 214+83.46

PROP. CURVE HOMERTR1-4
PI STA. = 215+68.91
Δ = 31° 47' 53" (RT)
D = 19° 05' 55"
R = 300.00'
T = 85.45'
L = 166.49'
E = 11.93'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 214+83.46
P.T. STA. = 216+49.95

PROP. CURVE HOMERTR1-6
PI STA. = 226+04.70
Δ = 31° 49' 33" (LT)
D = 19° 05' 55"
R = 300.00'
T = 85.53'
L = 166.64'
E = 11.95'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 225+19.17
P.T. STA. = 226+85.81

PROP. CURVE HOMERTR1-8
PI STA. = 233+90.23
Δ = 56° 44' 56" (RT)
D = 57° 17' 45"
R = 100.00'
T = 54.01'
L = 99.05'
E = 13.65'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 233+36.22
P.T. STA. = 234+35.27

BEGIN PROJECT
STA. 200 + 54.45

PROP. CURVE HOMERTR1-1
PI STA. = 201+06.35
Δ = 20° 54' 01" (RT)
D = 11° 27' 33"
R = 500.00'
T = 92.22'
L = 182.39'
E = 8.43'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 200+14.13
P.T. STA. = 201+96.52

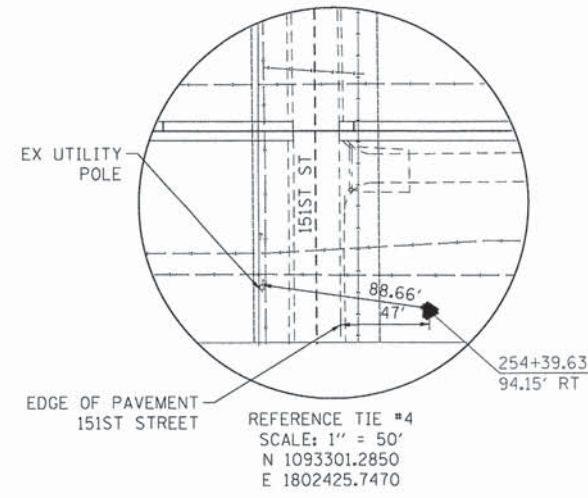
PROP. CURVE HOMERTR1-2
PI STA. = 203+43.78
Δ = 25° 02' 35" (LT)
D = 11° 27' 33"
R = 500.00'
T = 111.04'
L = 218.54'
E = 12.18'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 202+32.74
P.T. STA. = 204+51.28

PROP. CURVE HOMERTR1-5
PI STA. = 224+38.04
Δ = 31° 50' 04" (RT)
D = 19° 05' 55"
R = 300.00'
T = 85.55'
L = 166.69'
E = 11.96'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 223+52.48
P.T. STA. = 225+19.17

PROP. CURVE HOMERTR1-7
PI STA. = 232+91.18
Δ = 56° 45' 28" (LT)
D = 57° 17' 45"
R = 100.00'
T = 54.02'
L = 99.06'
E = 13.66'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 232+37.16
P.T. STA. = 233+36.22

PROP. CURVE HOMERTR1-12
PI STA. = 265+41.91
Δ = 28° 53' 19" (LT)
D = 11° 27' 33"
R = 500.00'
T = 128.79'
L = 252.10'
E = 16.32'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 264+13.12
P.T. STA. = 266+65.22

BENCHMARKS
BENCHMARK #1: NATIONAL GEODETIC SURVEY MONUMENT LOCATED IN THE SOUTHWEST QUADRANT OF IL ROUTE 7 AND WILL/COOK ROAD. IT IS 26 FT SOUTH OF CENTERLINE OF IL ROUTE 7 AND 103 FT WEST OF THE CENTERLINE OF WILL/COOK ROAD. LOCATED ADJACENT TO AN ORANGE CARSONITE MARKER. ELEVATION=731.24 (NAVD88)



REFERENCE TIE #4
SCALE: 1" = 50'
N 1093301.2850
E 1802425.7470

MATCH INE STA. 245+00

PROP. CURVE HOMERTR1-9
PI STA. = 257+83.59
Δ = 32° 17' 00" (LT)
D = 11° 20' 45"
R = 505.00'
T = 146.16'
L = 284.54'
E = 20.73'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 256+37.43
P.T. STA. = 259+21.97

PROP. CURVE HOMERTR1-10
PI STA. = 260+15.22
Δ = 29° 37' 34" (RT)
D = 19° 05' 55"
R = 300.00'
T = 79.34'
L = 155.12'
E = 10.31'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 259+35.88
P.T. STA. = 260+91.01

PROP. CURVE HOMERTR1-11
PI STA. = 262+89.81
Δ = 28° 53' 19" (RT)
D = 11° 27' 33"
R = 500.00'
T = 128.79'
L = 252.10'
E = 16.32'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 261+61.02
P.T. STA. = 264+13.12

PROP. CURVE HOMERTR1-13
PI STA. = 282+31.68
Δ = 89° 36' 30" (RT)
D = 57° 17' 45"
R = 100.00'
T = 99.32'
L = 156.40'
E = 40.94'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 281+32.37
P.T. STA. = 282+88.76

END PROJECT
STA. 285 + 24.94



COMPANY NAME: HRGreen.com
PROJECT CONTACT: bhar.tma
CLIENT: HRGreen
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PLOT DRIVER: PLOT.DRV
PEN TABLE: Standard-Fonts.tbl



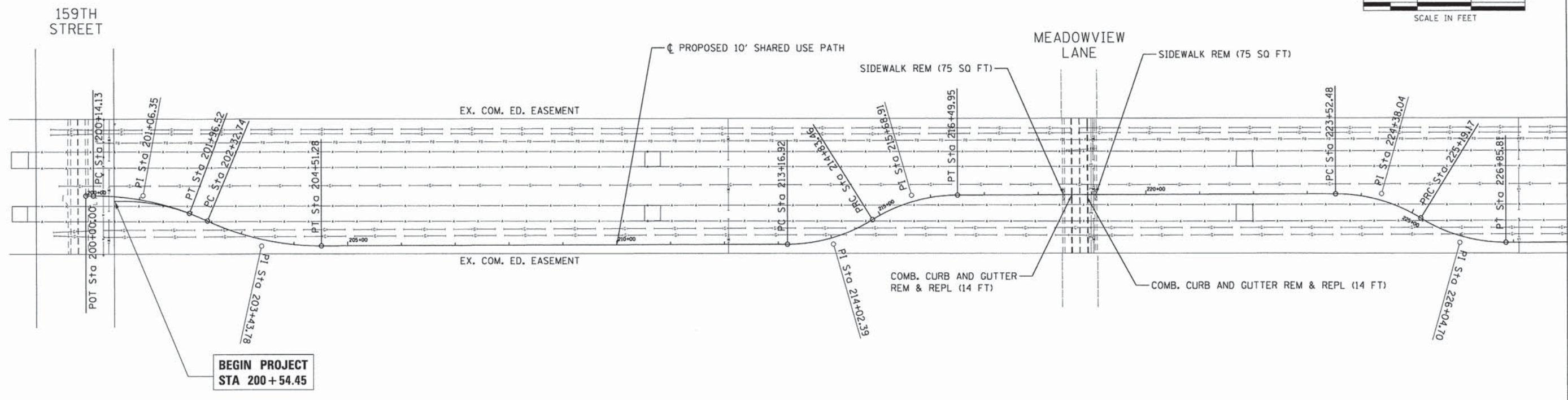
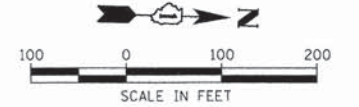
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| FILE NAME = 194-tie.dgn | DRAWN - GS | REVISED - |
| PLOT SCALE = N.T.S. | CHECKED - AC | REVISED - |
| PLOT DATE = 3/18/2015 | DATE - 3/16/15 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

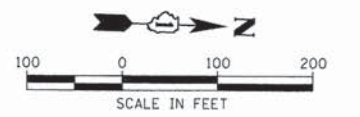
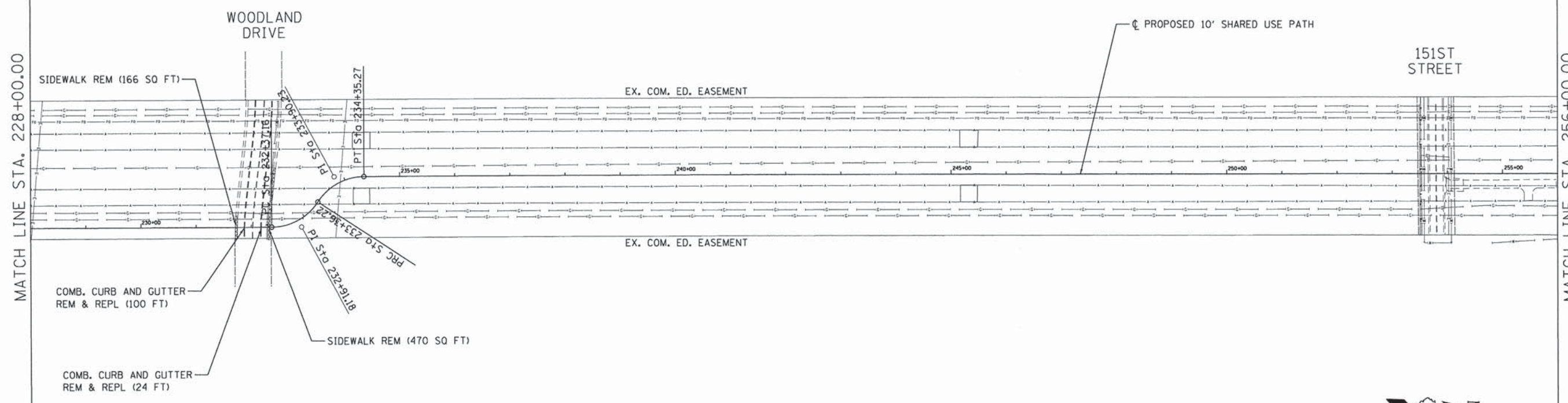
SCALE: N.T.S. SHEET NO. 1 OF 1 SHEETS STA. TO STA.

| | | | | |
|--------------------|----------------|--------|---------------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 12-00015-00-BT | WILL | 42 | 6 |
| CONTRACT NO. 61B56 | | | ILLINOIS FED. AID PROJECT | |



MATCH LINE STA. 228+00.00

**BEGIN PROJECT
STA 200+54.45**



MATCH LINE STA. 256+00.00

COMPANY NAME: HRGreen
 PROJECT CONTACT: bharima
 CLIENT: 194-Removals.dgn
 DATE PLOTTED: 3/18/2015 3:09:16 PM
 FILE NAME: 194-Removals.dgn
 PLOT DRIVER: PLOT.DWG
 PEN TABLE: Standard-Francis.tbl



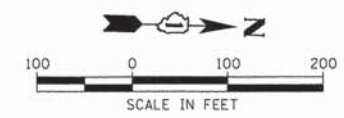
| | | |
|------------------------------|----------------|-----------|
| USER NAME = bharima | DESIGNED - BDH | REVISED - |
| FILE NAME = 194-Removals.dgn | DRAWN - GS | REVISED - |
| PLOT SCALE = 1" = 100' | CHECKED - AC | REVISED - |
| PLOT DATE = 3/18/2015 | DATE - 3/16/15 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

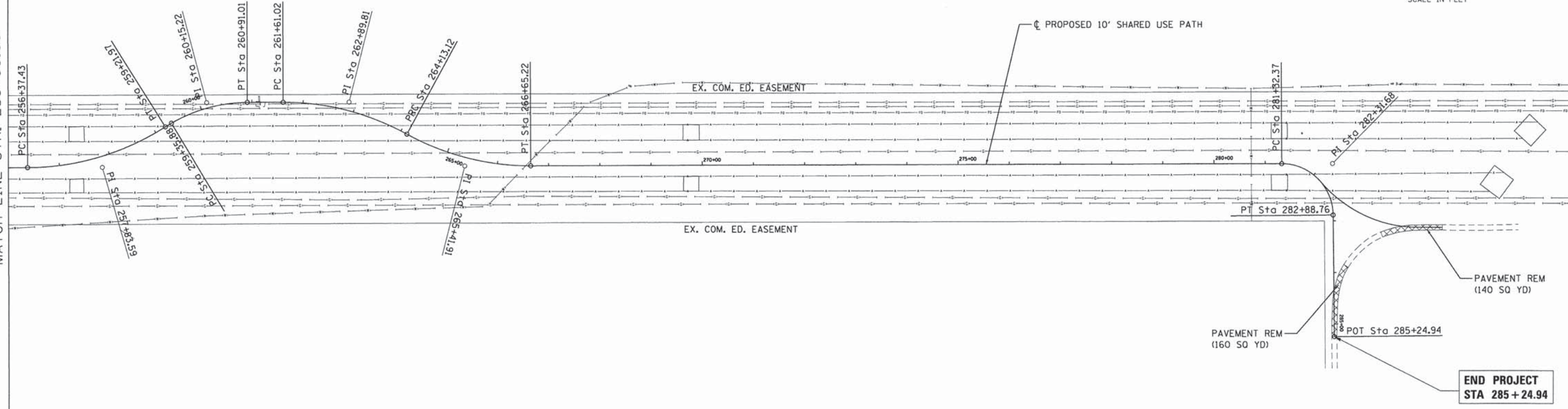
REMOVAL PLAN

SCALE: 1" = 100' SHEET NO. 1 OF 2 SHEETS STA. 200+00 TO STA. 256+00

| | | | | |
|---|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 12-00015-00-BT | WILL | 42 | 7 |
| CONTRACT NO. 61B56 | | | | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | |



MATCH LINE STA. 256+00.00



COMPANY NAME: HRGreen.com
 PROJECT CONTACT: #184-001322
 CLIENT: #184-001322
 DATE PLOTTED: 3/18/2015 3:09:20 PM
 FILE NAME: 194-Removals_02.dgn
 PLOT DRIVER: PLOT.drv
 PEN TABLE: standard-frans.tbl


HRGreen.com
 Illinois Professional Design Firm
 # 184-001322

| | | |
|---------------------------------|----------------|-----------|
| USER NAME = bhar-tia | DESIGNED - BDH | REVISED - |
| FILE NAME = 194-Removals_02.dgn | DRAWN - GS | REVISED - |
| PLOT SCALE = 1" = 100' | CHECKED - AC | REVISED - |
| PLOT DATE = 3/18/2015 | DATE - 3/16/15 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| | | | |
|---------------------|-------------------------|-------------|-------------------|
| REMOVAL PLAN | | | |
| SCALE: 1" = 100' | SHEET NO. 2 OF 2 SHEETS | STA. 256+00 | TO STA. 285+24.94 |

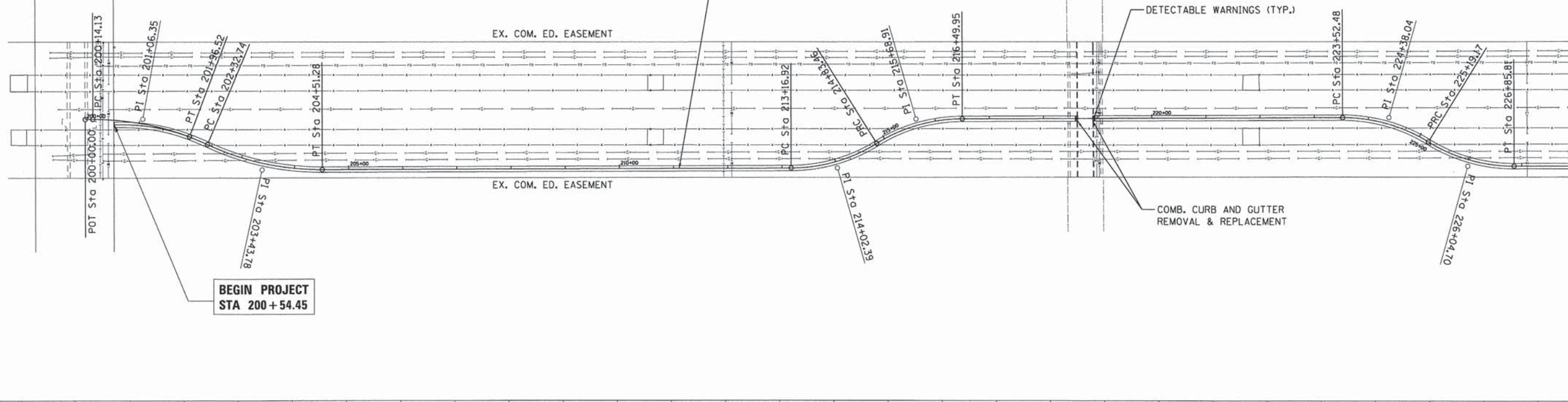
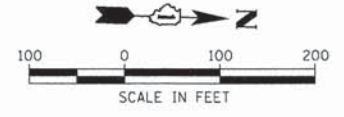
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|---|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 12-00015-00-BT | WILL | 42 | 8 |
| CONTRACT NO. | | | 61B56 | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | |

| | | |
|-----------|--------------------|------|
| PLAN | SURVEYED | DATE |
| NOTE BOOK | ALIGNED | BY |
| NO. | RT. OF WAY CHECKED | |
| | CADD FILE NAME | |

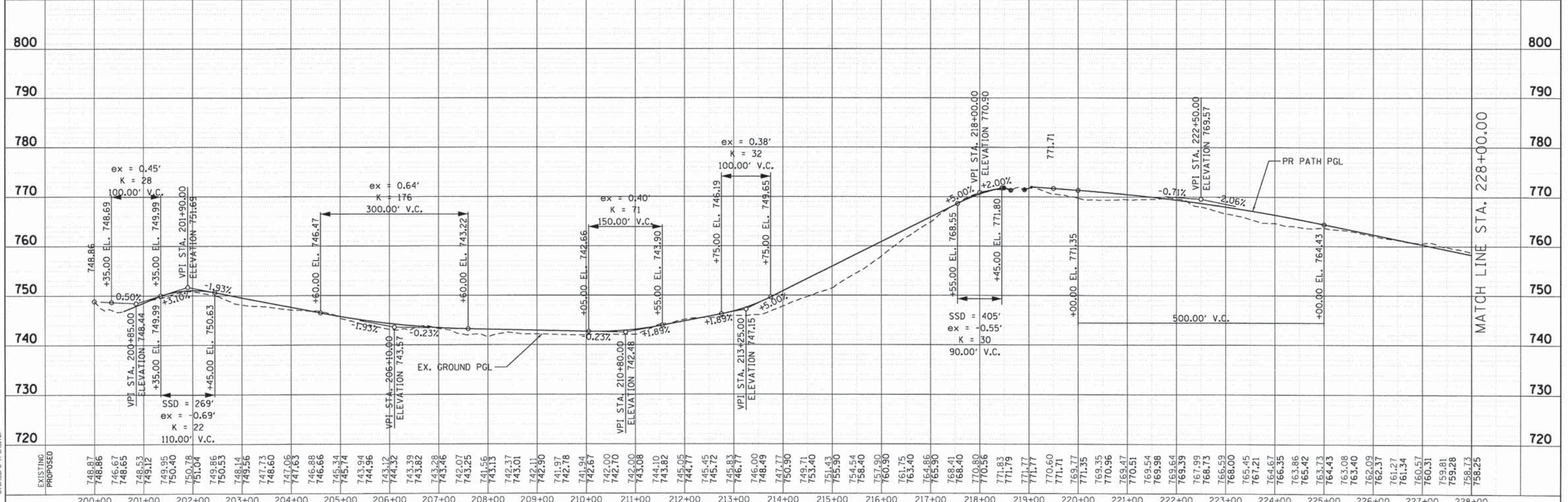
| | | |
|-----------|--------------------------|------|
| PROFILE | SURVEYED | DATE |
| NOTE BOOK | GRADES CHECKED | BY |
| NO. | BLM. NOTED | |
| | STRUCTURE NOTATIONS CHKD | |

COMPANY NAME: HRGreen
 PROJECT CONTACT: bhartha
 DATE PLOTTED: 3/18/2015 3:09:24 PM
 FILE NAME: 194-rnp_01.dgn
 PLOT DRIVER: pldrvr
 STANDARD TRANS: ibi

NOTE: CONSTRUCTION OF BIKE PATH AT STA 200+54.45 SHOULD BE COORDINATED WITH THE 159TH STREET ROADWAY PROJECT (CONTRACT #60L71) AND THE CONNECTION SHOULD BE MADE AT THE EXISTING RIGHT-OF-WAY. IF THE 159TH STREET PROJECT HAS NOT BEEN CONSTRUCTED UP TO THIS LOCATION, THE CONTRACTOR SHALL INSTALL A TEMPORARY TURNAROUND TO DIRECT USERS THAT A CONNECTION TO BIKE PATH DOES NOT EXIST. THE TURNAROUND PAVEMENT SHALL BE INCLUDED IN THE COST OF HOT-MIX ASPHALT SURFACE COURSE ITEM.



MATCH LINE STA. 228+00.00



MATCH LINE STA. 228+00.00

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| EXISTING PROPOSED | 748.87 748.86 746.67 748.65 749.53 749.12 749.95 750.40 751.04 749.86 750.53 748.14 749.56 747.73 748.60 747.06 747.63 746.88 746.66 745.34 745.74 743.94 744.36 743.12 743.32 743.39 743.82 743.28 743.46 742.07 743.25 741.56 743.13 742.37 743.01 742.11 742.90 741.94 742.67 742.00 742.70 742.00 743.08 744.10 743.82 745.05 745.45 744.77 745.83 746.77 746.00 748.49 747.77 750.90 749.71 753.40 751.43 755.90 754.54 758.40 757.90 760.90 761.75 763.40 764.86 765.90 768.41 768.40 770.80 770.56 771.83 771.79 771.77 771.77 770.60 771.71 769.77 771.35 769.35 770.96 769.47 770.51 769.64 769.39 767.99 768.73 766.53 768.00 765.45 767.21 764.67 766.35 763.86 765.42 764.43 763.73 763.08 763.40 762.09 762.37 761.27 761.34 760.57 760.31 759.81 759.28 758.73 758.25 | 200+00 | 201+00 | 202+00 | 203+00 | 204+00 | 205+00 | 206+00 | 207+00 | 208+00 | 209+00 | 210+00 | 211+00 | 212+00 | 213+00 | 214+00 | 215+00 | 216+00 | 217+00 | 218+00 | 219+00 | 220+00 | 221+00 | 222+00 | 223+00 | 224+00 | 225+00 | 226+00 | 227+00 | 228+00 |
|-------------------|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|

HRGreen.com
 Illinois Professional Design Firm
 # 194-001322

| | | |
|----------------------------|----------------|-----------|
| USER NAME = bhartha | DESIGNED = BDH | REVISED = |
| FILE NAME = 194-rnp_01.dgn | DRAWN = GS | REVISED = |
| PLOT SCALE = 1" = 100' | CHECKED = AC | REVISED = |
| PLOT DATE = 3/18/2015 | DATE = 3/16/15 | REVISED = |

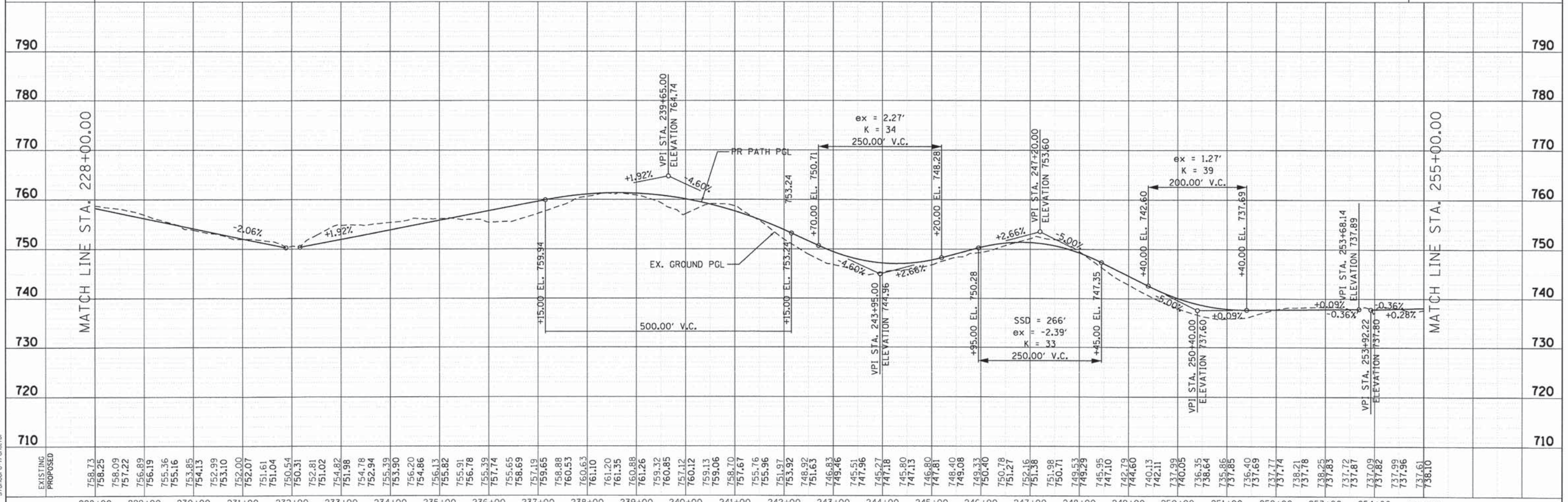
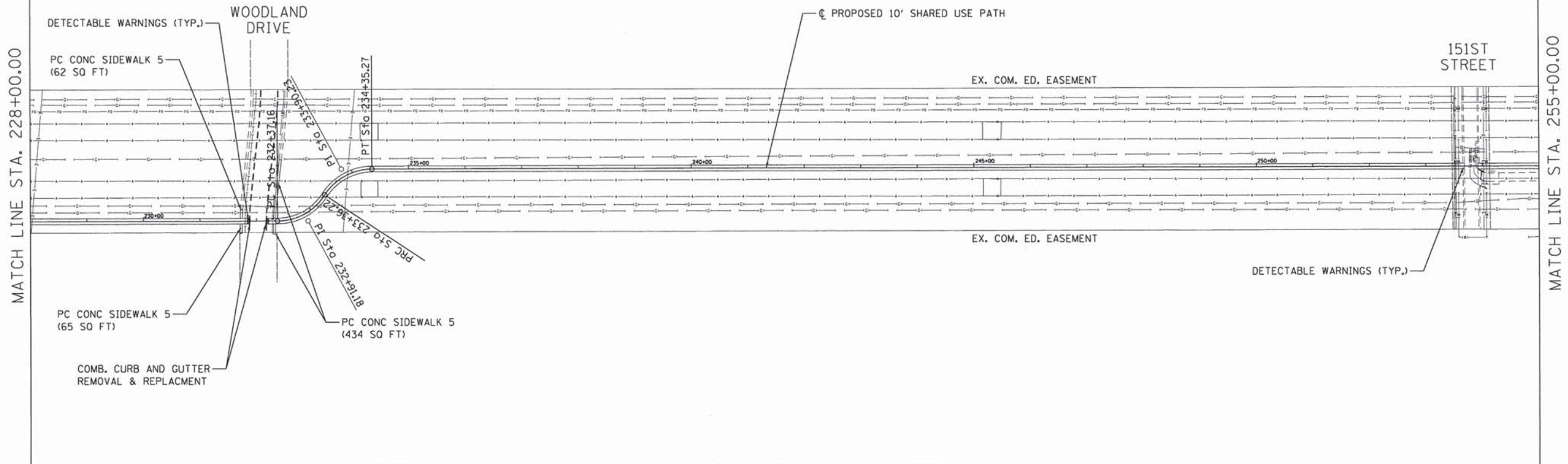
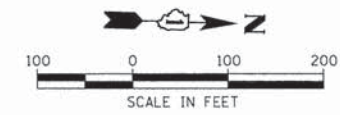
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

| | | | | | | | |
|------------------|-------------------------|----------------------------|---|----------|--------|--------------|-----------|
| SCALE: 1" = 100' | SHEET NO. 1 OF 3 SHEETS | STA. 200+00 TO STA. 228+00 | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | | | 12-00015-00-BT | ILLINOIS | 42 | 9 | |
| | | | CONTRACT NO. 61B56 | | | | |
| | | | FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT | | | | |

| | | |
|-----------|--------------------|------|
| PLAN | SURVEYED | DATE |
| NOTE BOOK | ALIGNED | BY |
| NO. | RT. OF WAY CHECKED | |
| | NO. OF WAY CHECKED | |
| | NO. FILE NAME | |

| | | |
|-----------|---------------------|------|
| PROFILE | SURVEYED | DATE |
| NOTE BOOK | PROPOSED | BY |
| NO. | B.M. NOTED | |
| | STRUCTURE NOTATIONS | |
| | CHKD | |

COMPANY NAME: HRGreen.com
 PROJECT CONTACT: HRGreen.com
 CLIENT: HRGreen.com
 DATE PLOTTED: 3/18/2015 3:09:28 PM
 FILE NAME: 194-rnp_02.dgn
 PLOT DRIVER: PLOT.DRV
 PEN TABLE: standard-trans.tbl



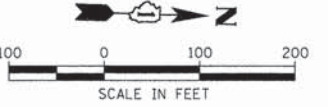
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| EXISTING | PROPOSED | 228+00 | 229+00 | 230+00 | 231+00 | 232+00 | 233+00 | 234+00 | 235+00 | 236+00 | 237+00 | 238+00 | 239+00 | 240+00 | 241+00 | 242+00 | 243+00 | 244+00 | 245+00 | 246+00 | 247+00 | 248+00 | 249+00 | 250+00 | 251+00 | 252+00 | 253+00 | 254+00 | 255+00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 758.73 | 756.25 | 758.09 | 757.22 | 756.19 | 755.36 | 755.16 | 754.85 | 754.13 | 752.99 | 753.10 | 752.00 | 752.07 | 751.61 | 751.04 | 750.54 | 750.31 | 752.81 | 751.02 | 754.82 | 751.98 | 754.78 | 752.94 | 753.39 | 753.90 | 756.20 | 754.86 | 755.82 | 755.91 | 756.78 | 755.39 | 757.74 | 755.65 | 758.69 | 757.19 | 759.65 | 758.88 | 760.53 | 760.63 | 761.10 | 761.20 | 761.35 | 760.88 | 761.26 | 759.32 | 760.85 | 757.12 | 760.12 | 759.13 | 759.06 | 758.70 | 757.67 | 755.76 | 755.96 | 751.97 | 753.92 | 748.92 | 751.63 | 748.93 | 743.46 | 745.51 | 747.96 | 745.27 | 747.18 | 745.80 | 747.13 | 746.80 | 747.81 | 748.40 | 749.08 | 749.33 | 750.40 | 751.27 | 751.38 | 751.98 | 750.71 | 749.53 | 749.29 | 745.95 | 747.10 | 742.79 | 744.60 | 740.13 | 742.11 | 737.99 | 740.05 | 736.35 | 738.64 | 735.86 | 737.85 | 735.40 | 737.69 | 737.77 | 737.74 | 738.21 | 737.78 | 738.25 | 738.83 | 737.72 | 737.87 | 737.09 | 737.82 | 737.99 | 737.96 | 738.61 |

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN AND PROFILE

SCALE: 1" = 100' SHEET NO. 2 OF 3 SHEETS STA. 228+00 TO STA. 255+00

| | | | | |
|---------------------|----------------|---------------------------|--------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 12-00015-00-BT | WILL | 42 | 10 |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | CONTRACT NO. 61B56 | |



| | | |
|------|----------|------|
| PLAN | SURVEYED | DATE |
| | ALIGNED | |
| | NOTED | |
| | BY | |
| | NO. | |

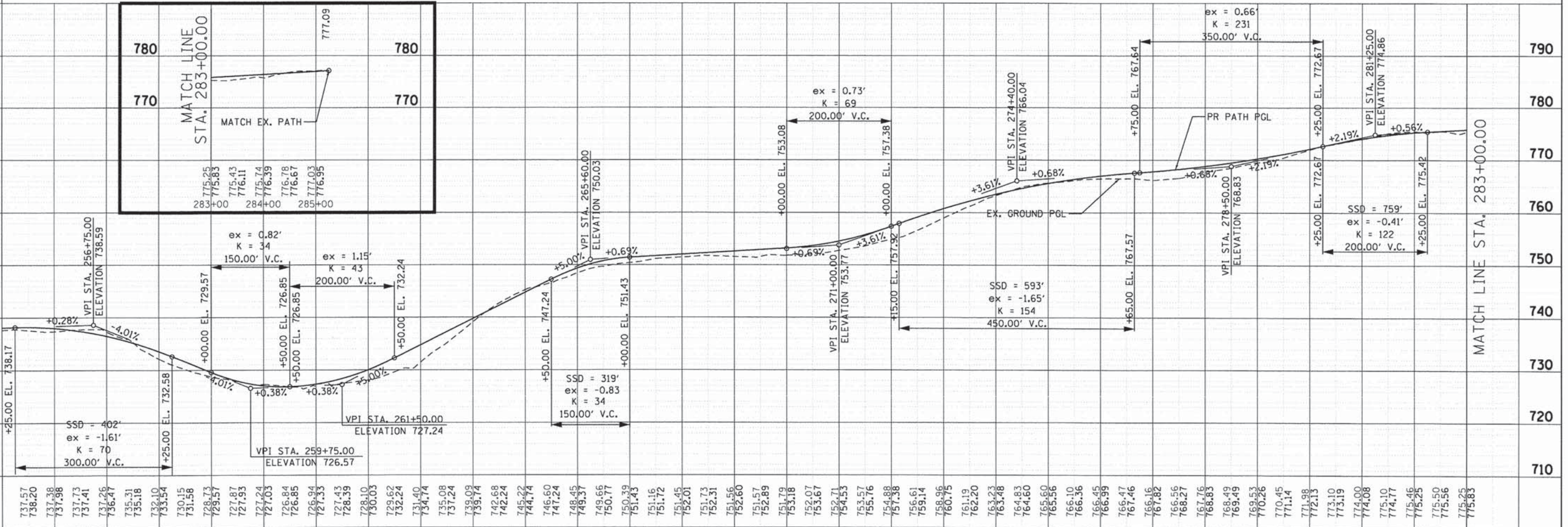
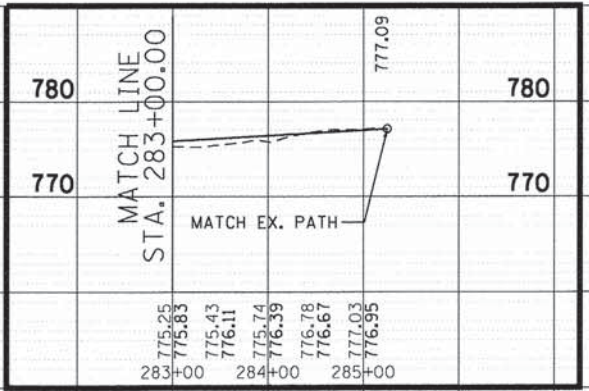
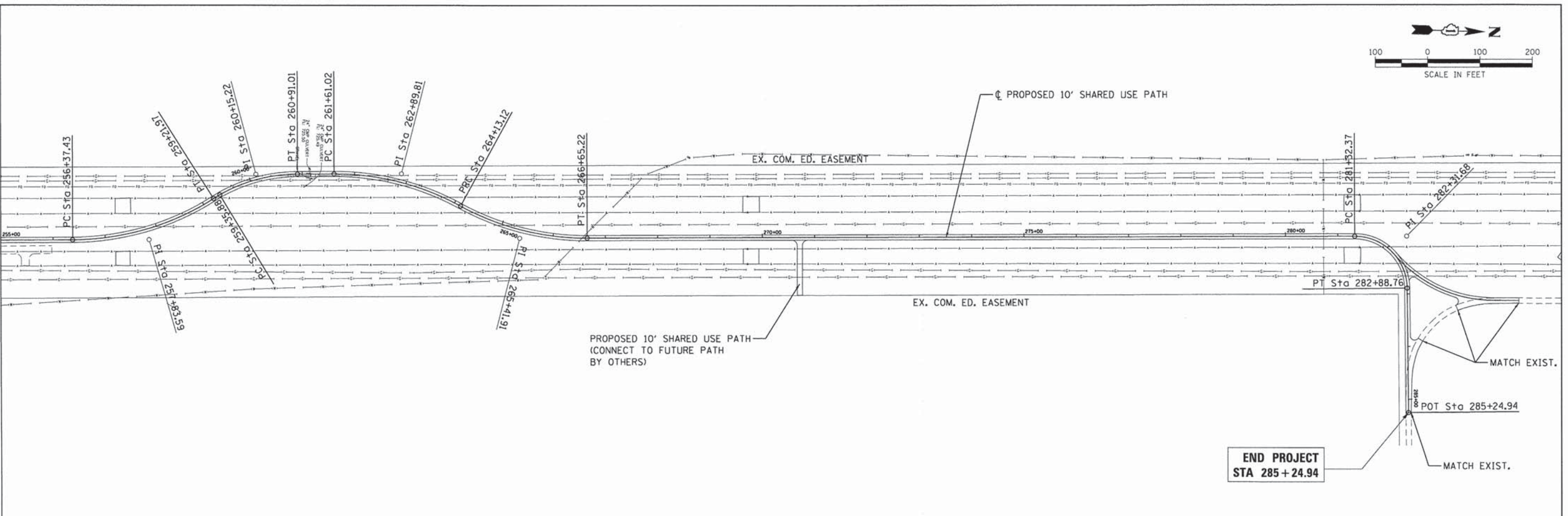
| | | |
|---------|----------|------|
| PROFILE | SURVEYED | DATE |
| | NOTED | |
| | BY | |
| | NO. | |

COMPANY NAME: HRGreen.com
 PROJECT CONTACT: bhar.tma
 CLIENT: 194-rnp-03.dgn
 DATE PLOTTED: 3/16/2015 3:09:33 PM
 FILE NAME: 194-rnp-03.dgn
 PLOT DRIVER: PLOT.DRV
 PEN TABLE: standard-trans.tbl

MATCH LINE STA. 255+00.00

MATCH LINE STA. 255+00.00

EXISTING
PROPOSED



| | | |
|----------------------------|----------------|-----------|
| USER NAME = bhar.tma | DESIGNED - BDH | REVISED - |
| FILE NAME = 194-rnp-03.dgn | DRAWN - GS | REVISED - |
| PLOT SCALE = 1" = 100' | CHECKED - AC | REVISED - |
| PLOT DATE = 3/16/2015 | DATE - 3/16/15 | REVISED - |

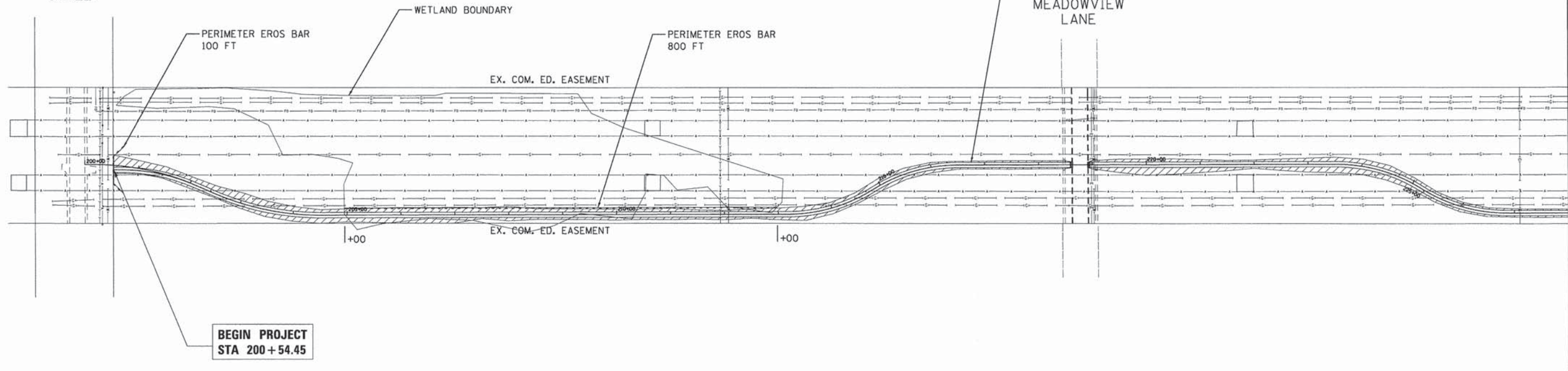
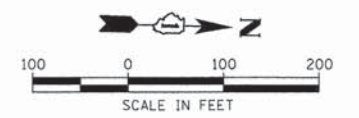
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN AND PROFILE

SCALE: 1" = 100' SHEET NO. 3 OF 3 SHEETS STA. 255+00 TO STA. 285+24.94

| | | | | |
|---|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 12-00015-00-BT | WILL | 42 | 11 |
| CONTRACT NO. 61B56 | | | | |
| FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT | | | | |

159TH STREET

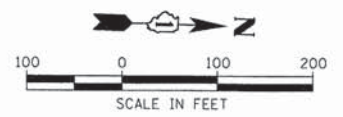


MATCH LINE STA. 228+00.00

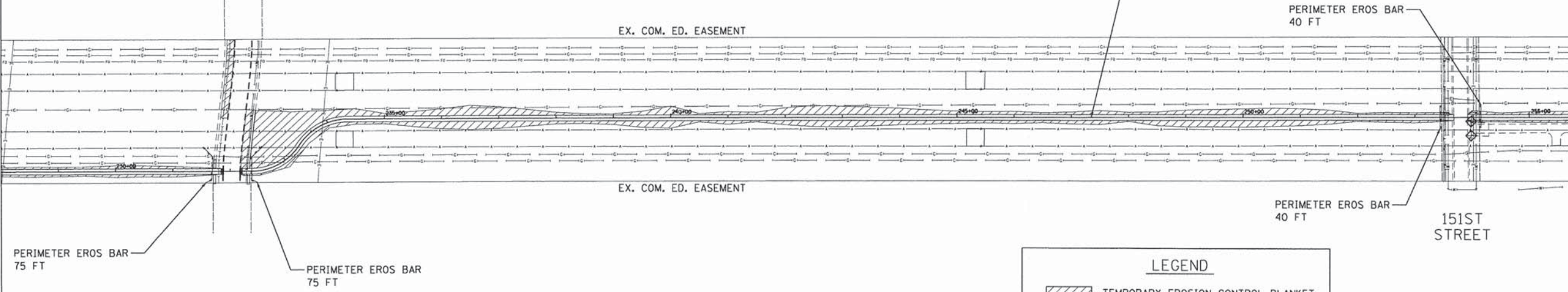
BEGIN PROJECT
STA 200+54.45

MATCH LINE STA. 228+00.00

WOODLAND DRIVE



MATCH LINE STA. 256+00.00



LEGEND

- TEMPORARY EROSION CONTROL BLANKET AND SEEDING
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION

COMPANY NAME: HRGreen
 PROJECT CONTACT: HRGreen.com
 DATE PLOTTED: 3/18/2015 3:09:39 PM
 FILE NAME: 194-Erosion_01.dgn
 PLOT DRIVER: pldrvr.plt
 PEN TABLE: standard.ctb



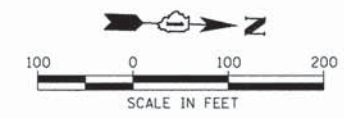
| | | |
|--------------------------------|----------------|-----------|
| USER NAME = bharta | DESIGNED - BDH | REVISED - |
| FILE NAME = 194-Erosion_01.dgn | DRAWN - GS | REVISED - |
| PLOT SCALE = 1" = 100' | CHECKED - AC | REVISED - |
| PLOT DATE = 3/18/2015 | DATE - 3/16/15 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL PLANS

SCALE: 1" = 100' SHEET NO. 1 OF 2 SHEETS STA. 200+00 TO STA. 256+00

| | | | | |
|---|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 12-00015-00-BT | WILL | 42 | 12 |
| CONTRACT NO. 61B56 | | | | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | |



MATCH LINE STA. 256+00.00

PERIMETER EROS BAR
50 FT

PERIMETER EROS BAR
50 FT

PROPOSED 10' SHARED USE PATH

EX. COM. ED. EASEMENT

EX. COM. ED. EASEMENT

PERIMETER EROS BAR
50 FT

PERIMETER EROS BAR
50 FT

LEGEND

- TEMPORARY EROSION CONTROL BLANKET AND SEEDING
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION

**END PROJECT
STA 285+24.94**

COMPANY NAME: HRGreen.com
 PROJECT CONTACT: bhar.tma
 CLIENT: 194-Erosion_02.dgn
 DATE PLOTTED: 3/18/2015 3:09:43 PM
 FILE NAME: 194-Erosion_02.dgn
 PLOT DRIVER: PDF-plot
 PEN TABLE: s:\standard\trons.tbl



| | | |
|--------------------------------|----------------|-----------|
| USER NAME = bhar.tma | DESIGNED - BDH | REVISED - |
| FILE NAME = 194-Erosion_02.dgn | DRAWN - GS | REVISED - |
| PLOT SCALE = 1" = 100' | CHECKED - AC | REVISED - |
| PLOT DATE = 3/18/2015 | DATE - 3/16/15 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL PLANS

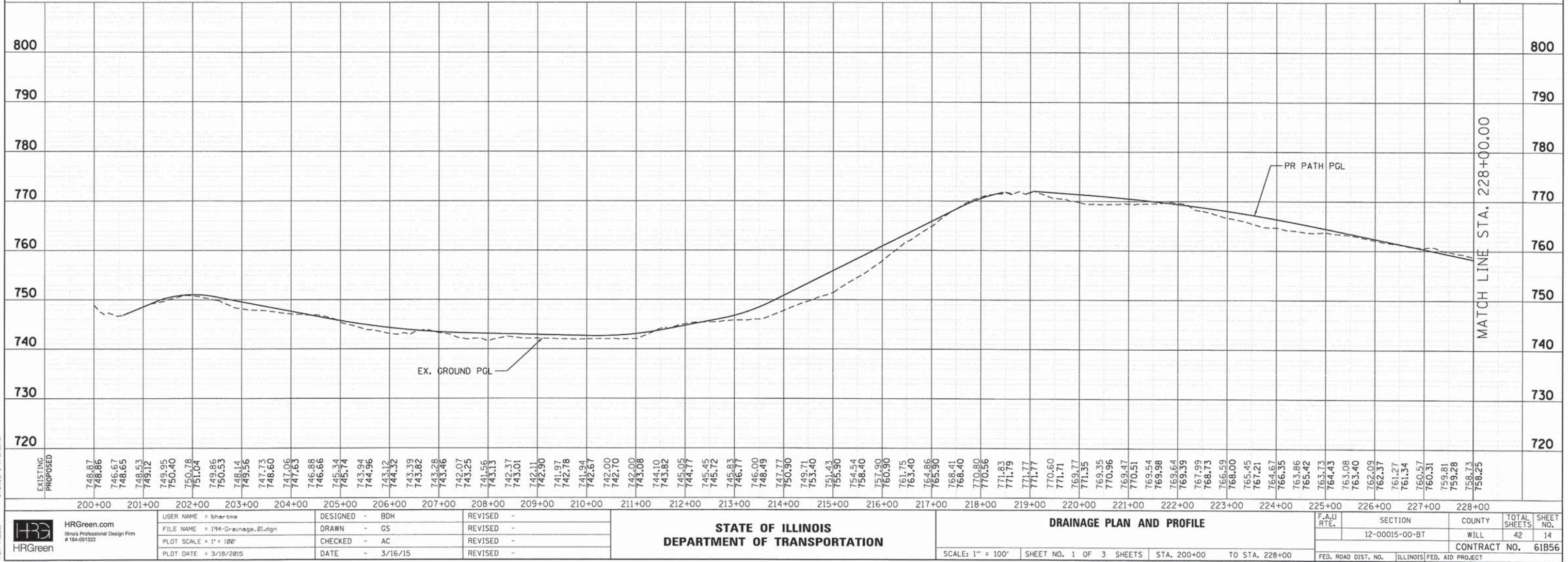
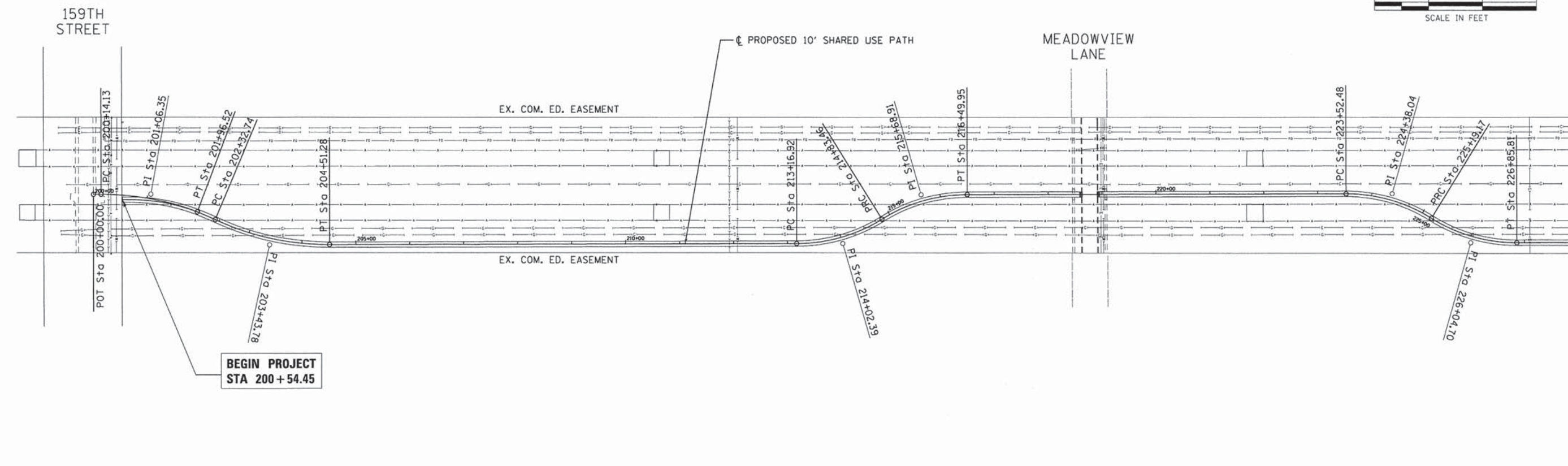
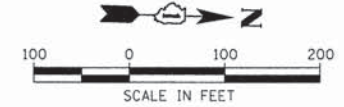
SCALE: 1" = 100' SHEET NO. 2 OF 2 SHEETS STA. 256+00 TO STA. 285+24.94

| | | | | |
|---------------------|----------------|---------------------------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 12-00015-00-BT | WILL | 42 | 13 |
| CONTRACT NO. | | | 61B56 | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |

PLAN SURVEYED BY DATE
 ALIGNMENT CHECKED RT. OF WAY CHECKED
 NOTE BOOK NO. 000 FILE NAME

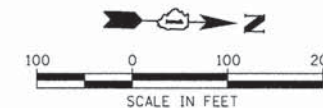
PROFILE SURVEYED BY DATE
 GRADES CHECKED B.M. NOTED
 NOTE BOOK NO. 000 FILE NAME

COMPANY NAME: HRGreen.com
 PROJECT CONTACT: Illinois Professional Design Firm
 CLIENT: # 184-001322
 DATE PLOTTED: 3/16/2015 3:09:47 PM
 FILE NAME: 194-Drainage_01.dgn
 PLOT DRIVER: P99.plt
 PEN TABLE: standard-francis.tbl



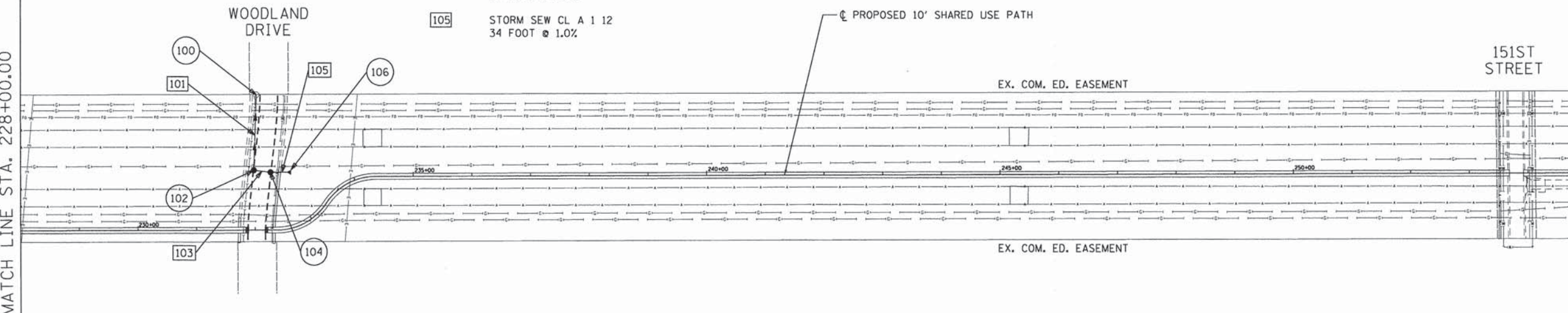
NOTE: RIM ELEVATIONS FOR CURB STRUCTURES ARE TO THE EDGE OF PAVEMENT. THE TYPE 1 FRAME SHALL BE INSTALLED WITHIN THE CUTTER LINE OF THE PROPOSED CURB AND GUTTER.

- 101 STORM SEW CL A 1 12
125 FOOT @ 0.5%
- 103 STORM SEW CL A 1 12
26 FOOT @ 0.5%
- 105 STORM SEW CL A 1 12
34 FOOT @ 1.0%



MATCH LINE STA. 228+00.00

MATCH LINE STA. 255+00.00



100 EX CATCH BASIN
STA 233+65, 213.3' LT
RIM = 749.15
INV = 746.50 (E)
INV = 742.50 (E,W) (EXIST)

102 CATCH BASIN, TYPE A, 4'-DIA, TIF OL
STA. 231+97.74, 101.3' LT
RIM = 749.40
INV = 747.13 (W)
INV = 747.13 (N)

104 CATCH BASIN, TYPE A, 4'DIA, TIF OL
STA 232+26.09, 97.9' LT
RIM = 749.65
INV = 747.26 (N)
INV = 747.26 (S)

106 PRC FLARED END SECTION 12"
STA. 233+40.13, 85.3' LT
INV = 747.60

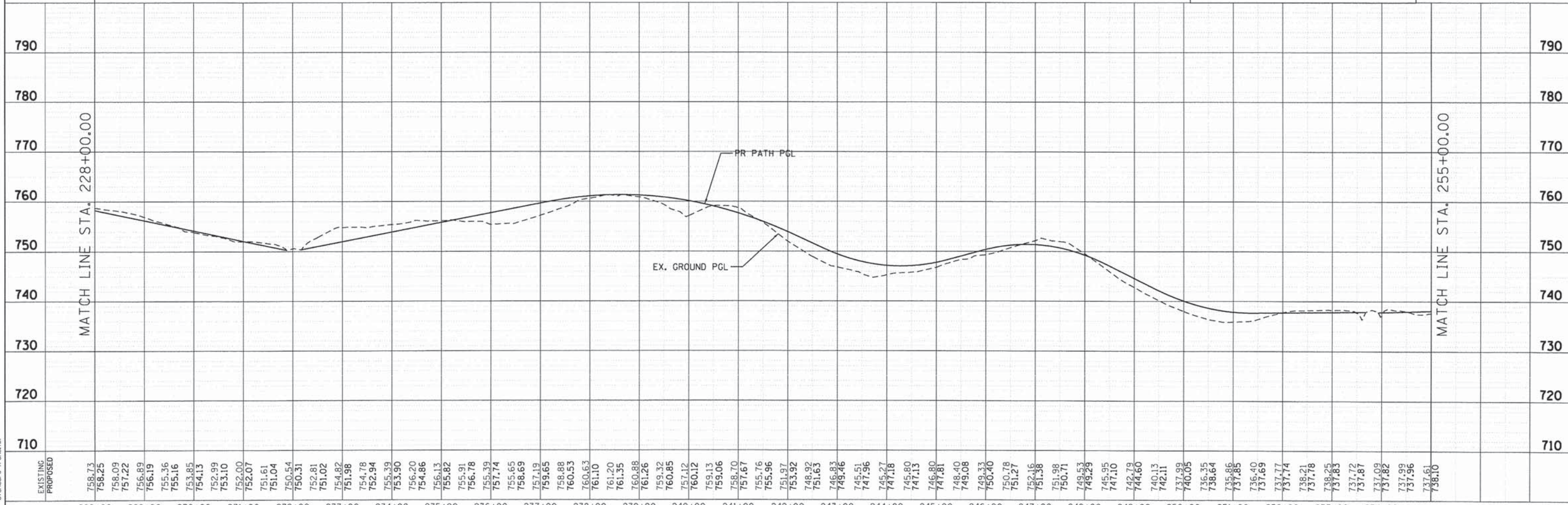
LEGEND:

(XXX) DRAINAGE STRUCTURE TAG

[XXX] STORM SEWER PIPE TAG

| | |
|------|------|
| PLAN | DATE |
| BY | |
| DATE | |
| BY | |
| DATE | |
| BY | |
| DATE | |
| BY | |
| DATE | |

| | |
|---------|------|
| PROFILE | DATE |
| BY | |
| DATE | |
| BY | |
| DATE | |
| BY | |
| DATE | |
| BY | |
| DATE | |



COMPANY NAME: HRGreen.com
PROJECT CONTACT: bharthi
CLIENT: 194-Drainage_02.dgn
DATE PLOTTED: 3/16/2015 3:05:52 PM
FILE NAME: 194-Drainage_02.dgn
PLOT DRIVER: PLOT.DWG
PEN TABLE: standard-1-trans.tbl

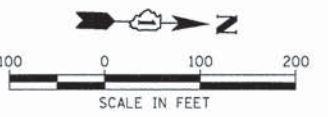
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 228+00 | 229+00 | 230+00 | 231+00 | 232+00 | 233+00 | 234+00 | 235+00 | 236+00 | 237+00 | 238+00 | 239+00 | 240+00 | 241+00 | 242+00 | 243+00 | 244+00 | 245+00 | 246+00 | 247+00 | 248+00 | 249+00 | 250+00 | 251+00 | 252+00 | 253+00 | 254+00 | 255+00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 758.73 | 758.25 | 758.09 | 757.22 | 756.89 | 756.19 | 755.36 | 755.16 | 754.85 | 754.13 | 752.99 | 753.10 | 752.00 | 752.07 | 751.61 | 751.04 | 750.54 | 750.31 | 752.81 | 751.02 | 754.82 | 751.98 | 754.78 | 752.94 | 755.39 | 753.90 | 756.20 | 754.86 | 755.13 | 755.82 | 755.91 | 756.78 | 755.39 | 757.74 | 755.65 | 758.69 | 757.19 | 759.65 | 758.88 | 760.53 | 760.63 | 761.10 | 761.20 | 761.35 | 760.88 | 761.26 | 759.32 | 760.85 | 757.12 | 760.12 | 759.13 | 759.06 | 758.70 | 757.67 | 755.76 | 755.96 | 751.97 | 753.92 | 748.92 | 751.63 | 746.83 | 749.46 | 745.51 | 747.96 | 745.27 | 747.18 | 745.80 | 747.13 | 746.80 | 747.81 | 748.40 | 749.08 | 749.33 | 749.29 | 745.95 | 747.10 | 742.79 | 744.60 | 740.13 | 742.11 | 737.99 | 740.05 | 736.35 | 738.64 | 735.66 | 737.85 | 736.40 | 737.69 | 737.77 | 737.74 | 738.21 | 737.78 | 737.83 | 738.25 | 737.12 | 737.87 | 737.09 | 737.82 | 737.98 | 737.96 | 737.61 | 738.10 |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN AND PROFILE

SCALE: 1" = 100' SHEET NO. 2 OF 3 SHEETS STA. 228+00 TO STA. 255+00

| | | | | |
|---|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 12-00015-00-BT | WILL | 42 | 15 |
| CONTRACT NO. | | | 61B56 | |
| FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT | | | | |

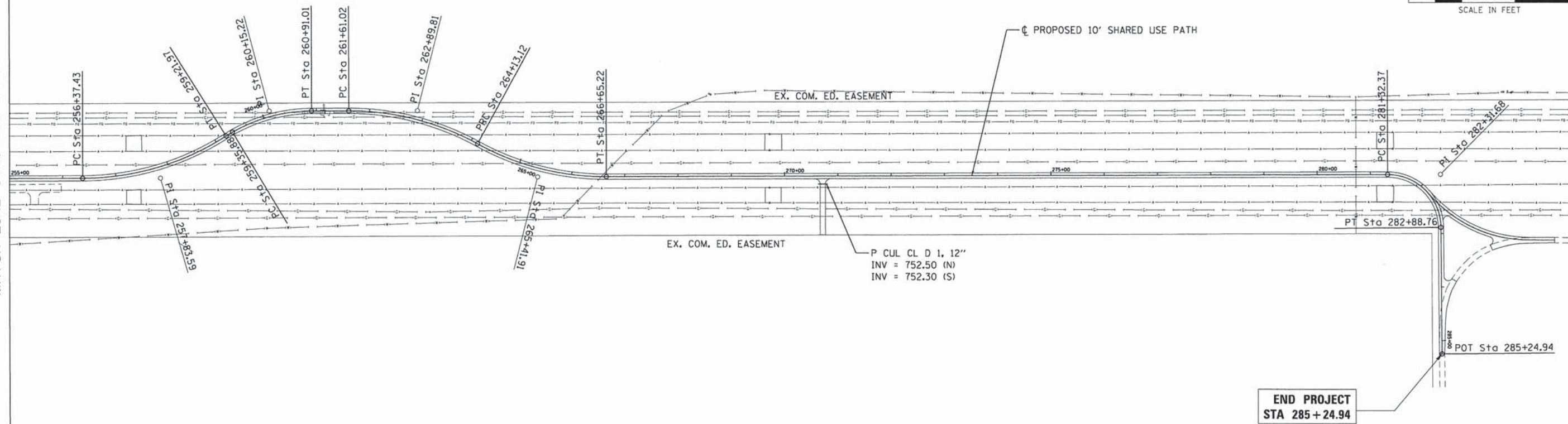


| | | |
|------|--------------------|------|
| PLAN | SURVEYED | DATE |
| | NOTE BOOK | |
| | RT. OF WAY CHECKED | |
| | NO. _____ | |
| | FILE NAME | |
| | NO. _____ | |

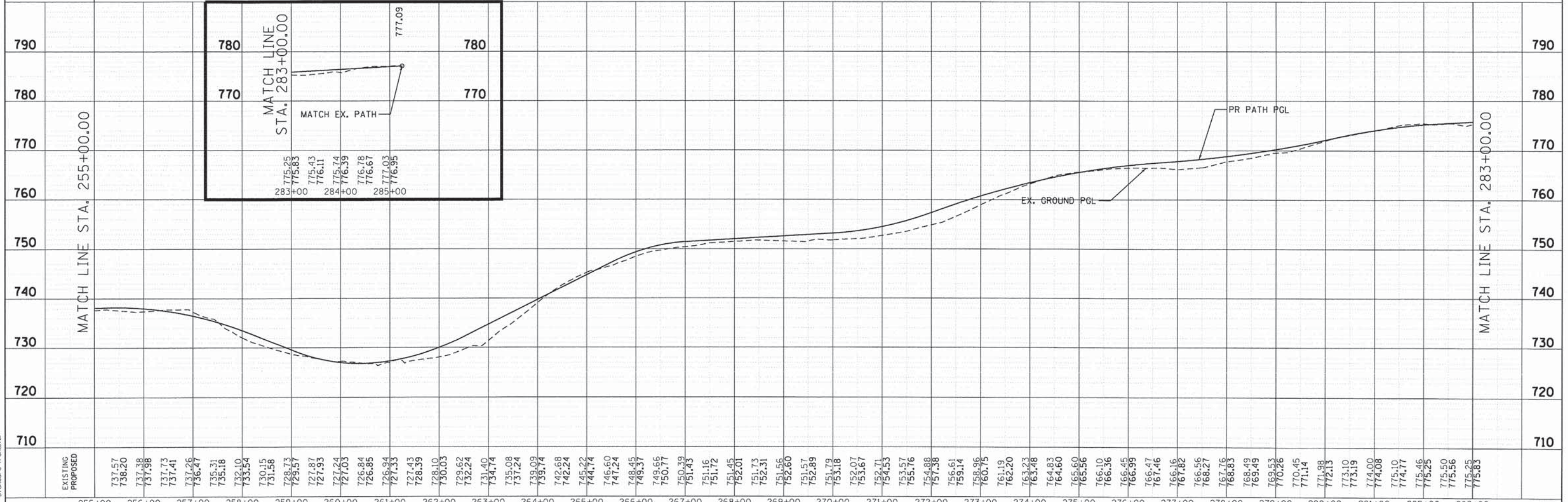
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| PROFILE | SURVEYED | DATE |
| | NOTE BOOK | |
| | B.M. NOTED | |
| | STRUCTURE NOTATIONS CHKD | |
| | NO. _____ | |

COMPANY NAME: HRGreen.com
 PROJECT CONTACT: Illinois Professional Design Firm # 184-001322
 DATE PLOTTED: 3/18/2015 3:09:57 PM
 FILE NAME: 194-Drainage_03.dgn
 PLOT DRIVER: Pfr.plt
 PEN TABLE: standard-trans.tbl

MATCH LINE STA. 255+00.00



END PROJECT
STA 285 + 24.94

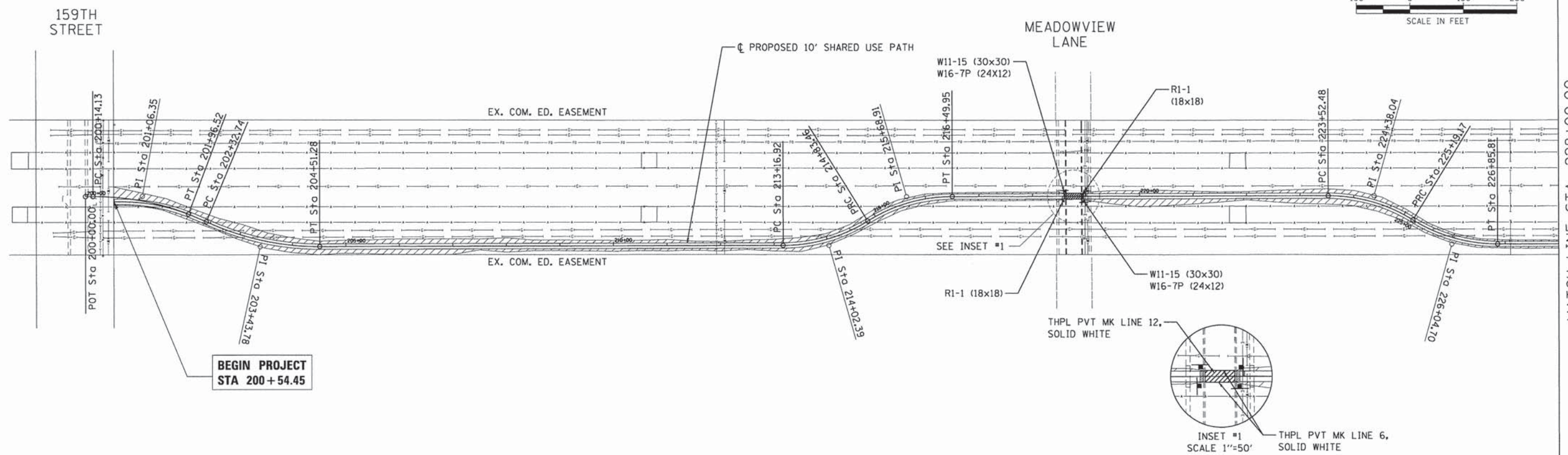
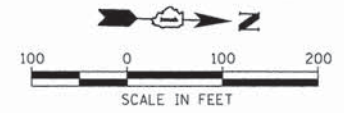


| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| EXISTING PROPOSED | 737.57 | 736.20 | 737.38 | 737.73 | 737.41 | 737.26 | 735.31 | 735.18 | 733.54 | 730.15 | 731.58 | 728.73 | 729.57 | 727.87 | 727.93 | 727.24 | 727.03 | 726.84 | 726.85 | 726.94 | 727.33 | 727.43 | 728.39 | 730.03 | 729.62 | 732.24 | 731.40 | 734.74 | 735.08 | 737.24 | 739.09 | 739.74 | 742.68 | 742.24 | 745.22 | 744.74 | 746.60 | 747.24 | 748.45 | 749.37 | 749.55 | 750.77 | 750.39 | 751.43 | 751.16 | 751.72 | 752.01 | 751.73 | 752.31 | 751.56 | 751.57 | 752.89 | 751.79 | 753.18 | 752.07 | 753.67 | 754.53 | 753.57 | 755.76 | 754.88 | 757.38 | 756.61 | 759.14 | 758.96 | 760.75 | 762.20 | 763.23 | 763.48 | 764.83 | 764.60 | 765.60 | 765.56 | 766.10 | 766.36 | 766.45 | 768.99 | 766.47 | 767.46 | 766.16 | 767.82 | 766.56 | 768.27 | 767.16 | 768.83 | 768.49 | 763.49 | 769.53 | 770.26 | 770.45 | 771.14 | 771.98 | 772.13 | 773.10 | 773.19 | 774.00 | 774.08 | 775.10 | 774.77 | 775.46 | 775.25 | 775.50 | 775.56 | 775.25 | 775.83 |
|-------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|

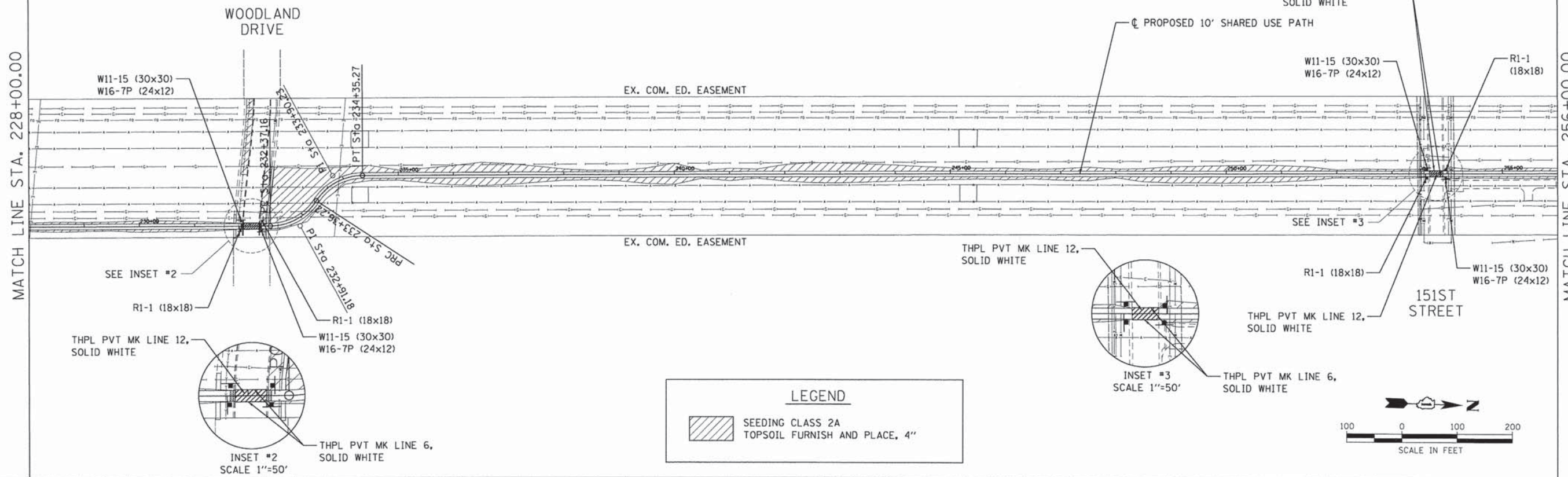
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN AND PROFILE

| | | | | | | | |
|------------------|-------------------------|-------------------------------|--------------------|----------------|---|--------------|-----------|
| SCALE: 1" = 100' | SHEET NO. 3 OF 3 SHEETS | STA. 255+00 TO STA. 285+24.94 | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | | | | 12-00015-00-BT | WILL | 42 | 16 |
| | | | CONTRACT NO. 61B56 | | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | |

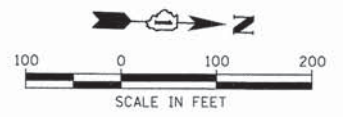


MATCH LINE STA. 228+00.00



LEGEND

SEEDING CLASS 2A
TOPSOIL FURNISH AND PLACE, 4"



MATCH LINE STA. 256+00.00

COMPANY NAME: HRGreen.com
 PROJECT CONTACT: bhar-tmo
 CLIENT: 194-Pavement_Mark_01.dgn
 DATE PLOTTED: 3/16/2015 3:00:02 PM
 FILE NAME: 194-Pavement_Mark_01.dgn
 PLOT DRIVER: Standard_Plotter.tbl

HRGreen.com
 Illinois Professional Design Firm
 #184-001322

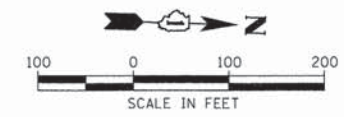
| | | |
|--------------------------------------|----------------|-----------|
| USER NAME = bhar-tmo | DESIGNED - BDH | REVISED - |
| FILE NAME = 194-Pavement_Mark_01.dgn | DRAWN - GS | REVISED - |
| PLOT SCALE = 1" = 100' | CHECKED - AC | REVISED - |
| PLOT DATE = 3/16/2015 | DATE - 3/16/15 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

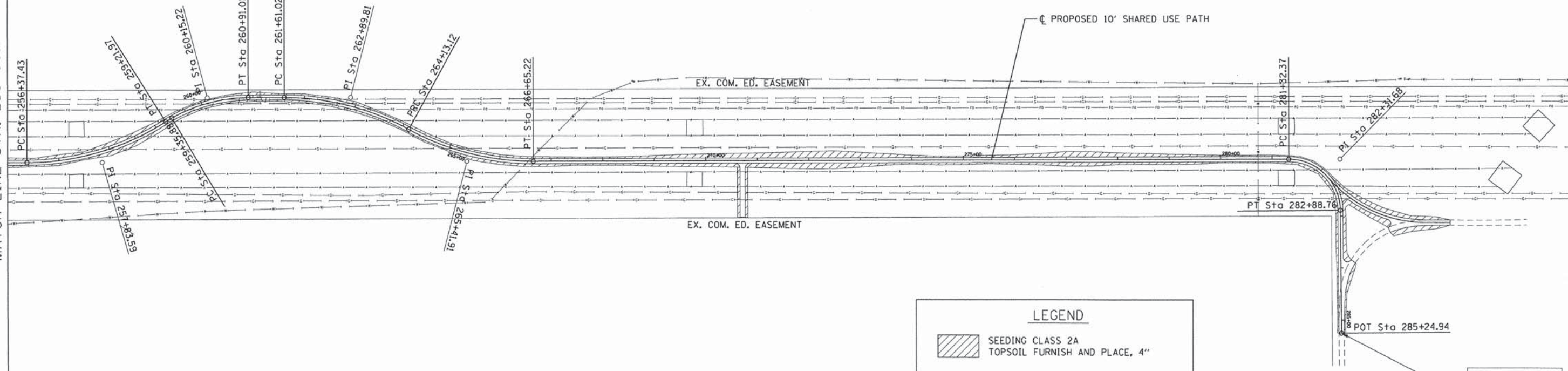
PAVEMENT MARKING AND LANDSCAPING PLAN

SCALE: 1" = 100' SHEET NO. 1 OF 2 SHEETS STA. 200+00 TO STA. 256+00

| | | | | |
|---------------------|----------------|---------------------------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 12-00015-00-BT | WILL | 42 | 17 |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| | | CONTRACT NO. 61B56 | | |



MATCH LINE STA. 256+00.00



LEGEND

SEEDING CLASS 2A
TOPSOIL FURNISH AND PLACE, 4"

**END PROJECT
STA 285 + 24.94**

COMPANY NAME: HRGreen
 PROJECT CONTACT: HRGreen.com
 CLIENT: Illinois Professional Design Firm
 DATE PLOTTED: 3/18/2015 3:00:08 PM
 FILE NAME: 194-Pavement_Mark_02.dgn
 PLOT DRIVER: PLOT.DRV
 PLOT TABLE: Standard-Trans.tbl



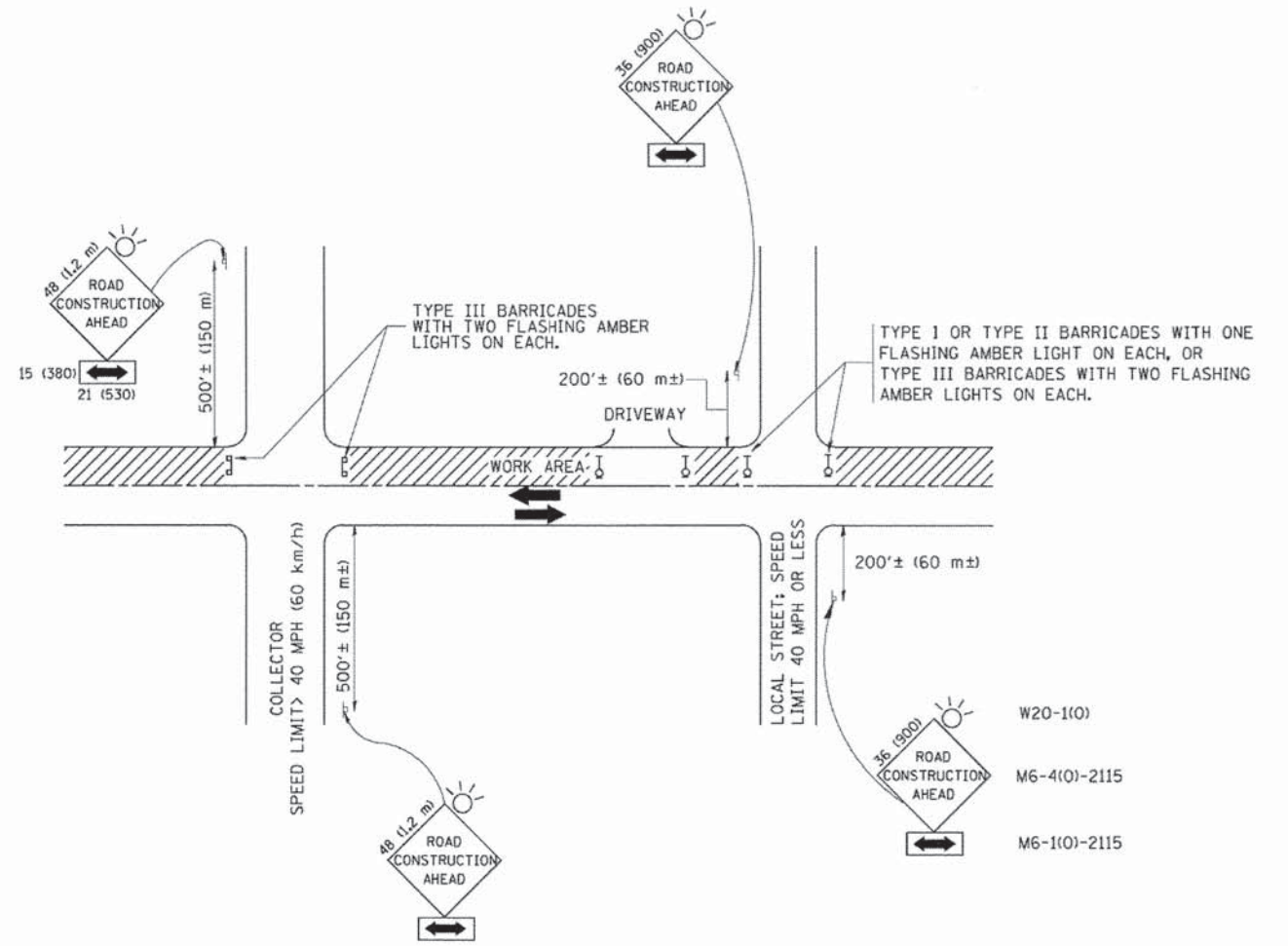
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|--------------------------------------|----------------|-----------|
| USER NAME = bhartha | DESIGNED - BDH | REVISED - |
| FILE NAME = 194-Pavement_Mark_02.dgn | DRAWN - GS | REVISED - |
| PLOT SCALE = 1" = 100' | CHECKED - AC | REVISED - |
| PLOT DATE = 3/18/2015 | DATE - 3/16/15 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND LANDSCAPING PLAN

SCALE: 1" = 100' SHEET NO. 2 OF 2 SHEETS STA. 256+00 TO STA. 285+24.94

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|--------|--------------|-----------|
| | 12-00015-00-BT | WILL | 42 | 18 |
| CONTRACT NO. 61B56 | | | | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | |



TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
 - 1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
 - 2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
 - 3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:
 - USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in millimeters (inches) unless otherwise shown.

COMPANY NAME:
PROJECT CONTACT:
CLIENT:
DATE PLOTTED: 3/18/2015 3:00:42 PM
FILE NAME: 194-061-01.dgn
PLOT DRIVER: PLOT.DRP
PEN TABLE: s:\roadwork\trans.tbl

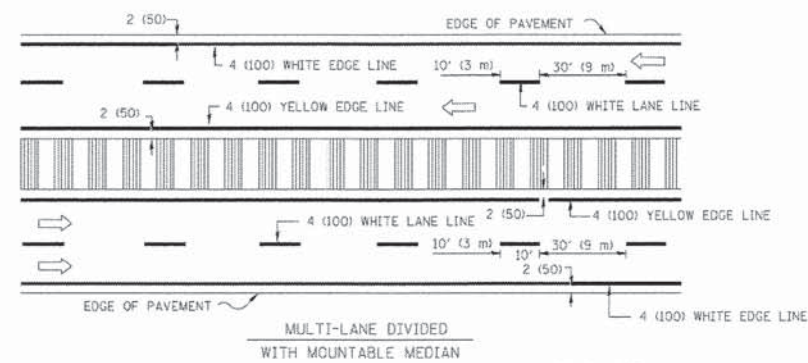
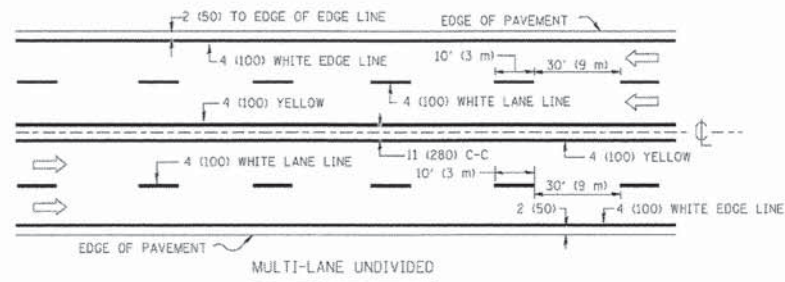
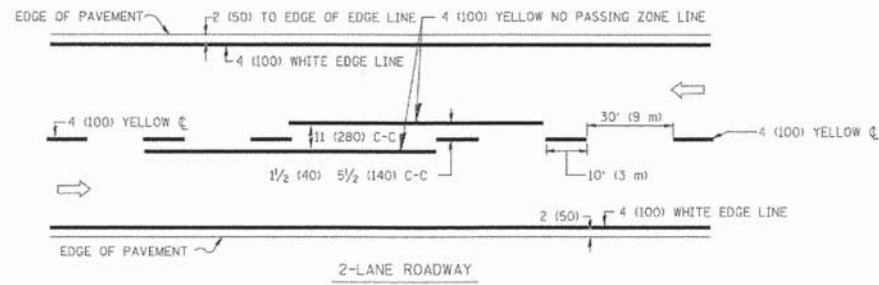
| | | | |
|--------------------------|-----------------------|-----------------------------|---------------------------------|
| FILE NAME = | USER NAME = gegljnobs | DESIGNED - LHA | REVISED - J. OBERLE 10-18-95 |
| W:\distate\22x34\101.dgn | | DRAWN - | REVISED - A. HOUSEH 03-06-96 |
| | | PLOT SCALE = 50.0000' / IN. | REVISED - A. HOUSEH 10-15-96 |
| | | PLOT DATE = 1/4/2008 | REVISED - T. RAMMACHER 01-06-00 |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

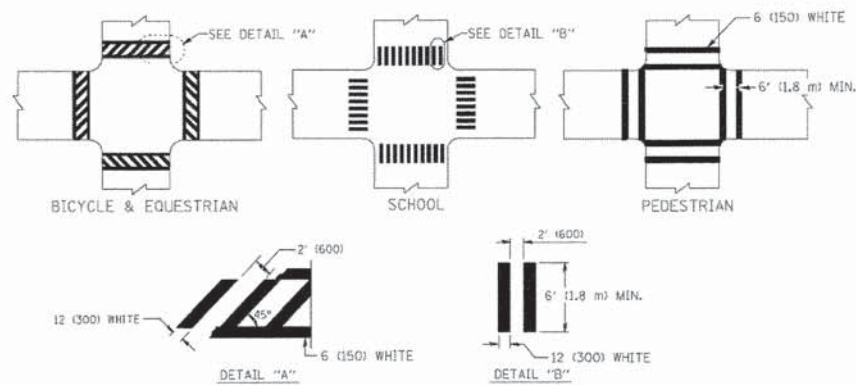
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

| | | | | |
|---|----------------|--------|--------------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 12-00015-00-B1 | | 42 | 19 |
| TC-10 | | | CONTRACT NO. 61856 | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

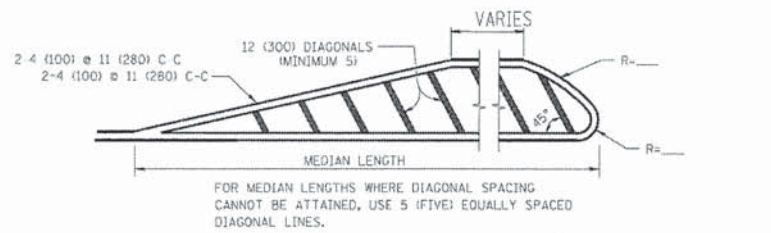
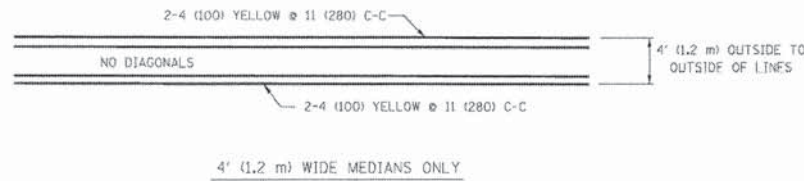


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING

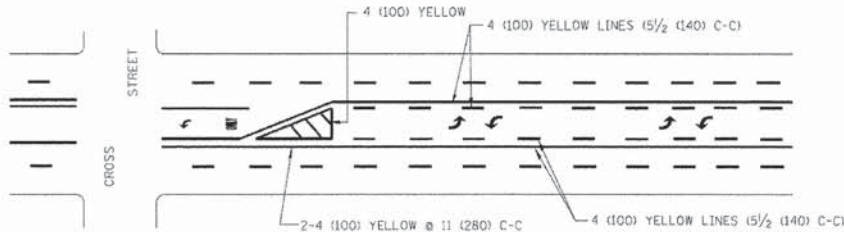


TYPICAL CROSSWALK MARKING

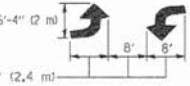


DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

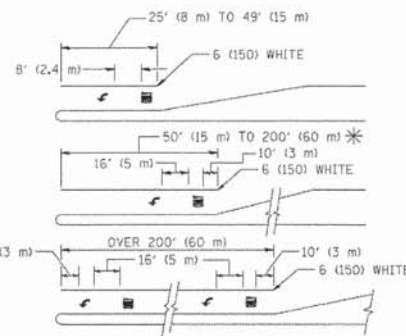


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

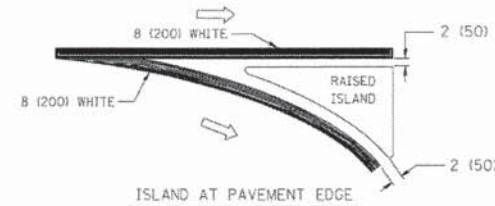
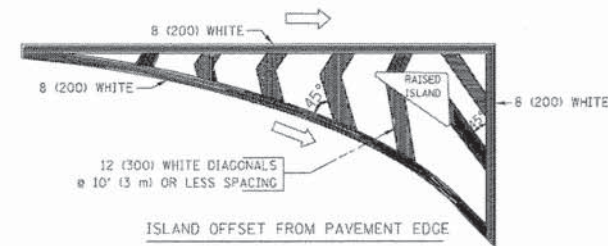
TYPICAL PAINTED MEDIAN MARKING



FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING

| TYPE OF MARKING | WIDTH OF LINE | PATTERN | COLOR | SPACING / REMARKS |
|---|--|---------------------------------|---|--|
| CENTERLINE ON 2 LANE PAVEMENT | 4 (100) | SKIP-DASH | YELLOW | 10' (3 m) LINE WITH 30' (9 m) SPACE |
| CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT | 2 @ 4 (100) | SOLID | YELLOW | 11 (280) C-C |
| NO PASSING ZONE LINES FOR ONE DIRECTION FOR BOTH DIRECTIONS | 4 (100) 2 @ 4 (100) | SOLID SOLID | YELLOW YELLOW | 5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN |
| LANE LINES | 4 (100) 5 (125) ON FREEWAYS | SKIP-DASH SKIP-DASH | WHITE WHITE | 10' (3 m) LINE WITH 30' (9 m) SPACE |
| DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS) | SAME AS LINE BEING EXTENDED | SKIP-DASH | SAME AS LINE BEING EXTENDED | 2' (600) LINE WITH 6' (1.8 m) SPACE |
| EDGE LINES | 4 (100) | SOLID | YELLOW-LEFT WHITE-RIGHT | OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB |
| TURN LANE MARKINGS | 6 (150) LINES, FULL SIZE LETTERS & SYMBOLS (8' (2.4m)) | SOLID | WHITE | SEE TYPICAL TURN LANE MARKING DETAIL |
| TWO WAY LEFT TURN MARKING | 2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW | SKIP-DASH AND SOLID IN PAIRS | YELLOW WHITE | 10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL |
| CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL) | 2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90° | SOLID SOLID SOLID | WHITE WHITE WHITE | NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS. |
| STOP LINES | 24 (600) | SOLID | WHITE | PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE |
| PAINTED MEDIANS | 2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS | SOLID | YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC | 11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING. |
| GORE MARKING AND CHANNELIZING LINES | 8 (200) WITH 12 (300) DIAGONALS @ 45° | SOLID | WHITE | DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h)) |
| RAILROAD CROSSING | 24 (600) TRANSVERSE LINES; "RR" 15 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X" | SOLID | WHITE | SEE STATE STANDARD 780001 AREA OF: "RR"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²) |
| SHOULDER DIAGONALS | 12 (300) @ 45° | SOLID | WHITE - RIGHT YELLOW - LEFT | 50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h)) |

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

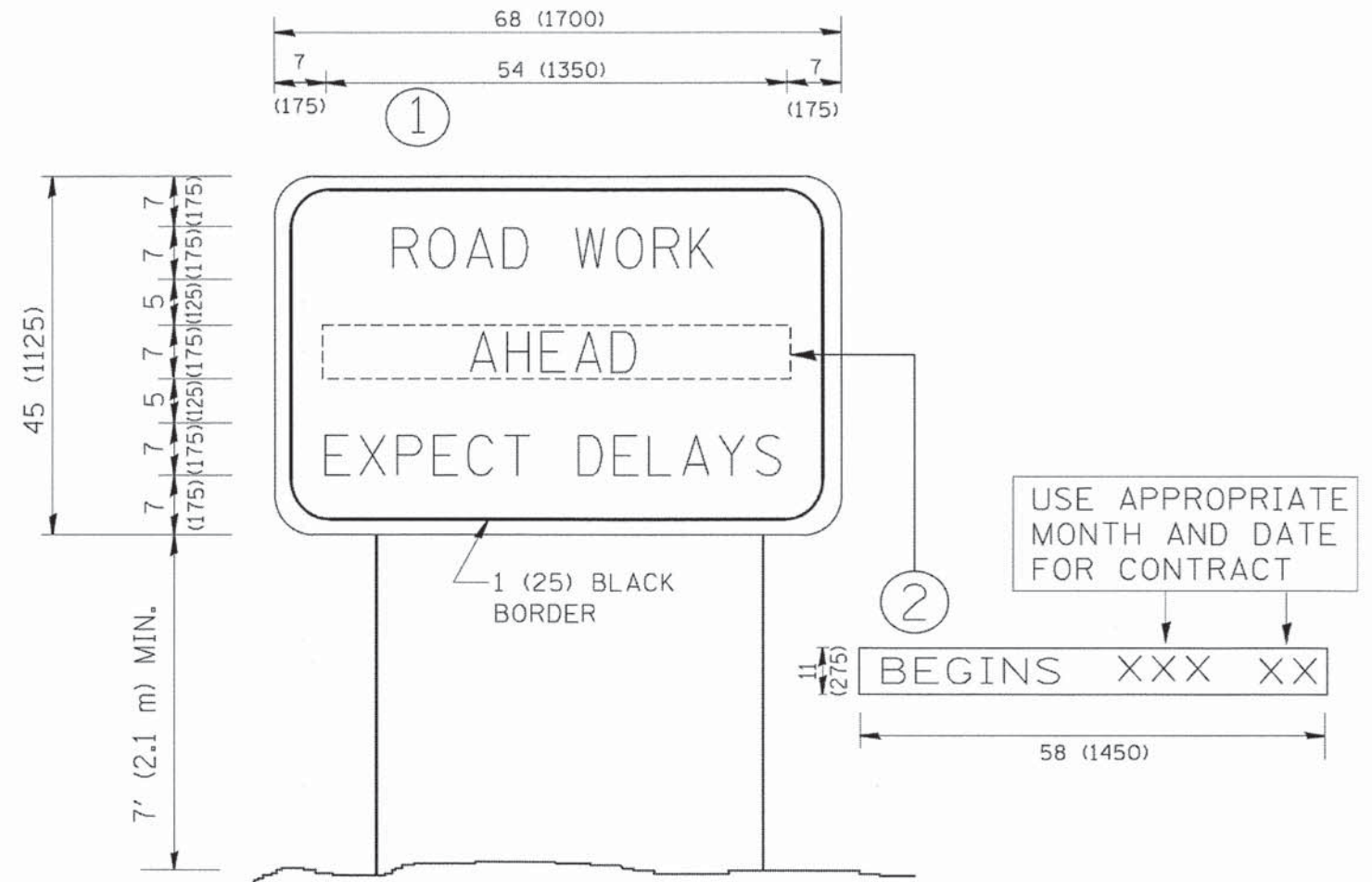
All dimensions are in inches (millimeters) unless otherwise shown.

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PROJECT CONTACT: STATE OF ILLINOIS
DATE PLOTTED: 3/18/2015 3:11:25 PM
FILE NAME: 194-001-02.dgn
PLOT DRIVER: PLOT.DAT
PEN TABLE: s:\standard\trons.tbl

| | | | |
|---|----------------------------|------------------|--------------------------------|
| FILE NAME = | USER NAME = drivakosgn | DESIGNED - EVERS | REVISED -T. RAMMACHER 10-27-94 |
| c:\pwworkspace\dot\drivakosgn\8180315\to3.dgn | | DRAWN - | REVISED -C. JUCIUS 09-09-09 |
| | PLOT SCALE = 50.0000 1/16" | CHECKED - | REVISED - |
| | PLOT DATE = 9/9/2009 | DATE - 03-19-90 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| | | | | | |
|---|----------------|-------------------------|--------------------|-----------|---------|
| SCALE: NONE | | SHEET NO. 1 OF 1 SHEETS | | STA. | TO STA. |
| DISTRICT ONE | | | | | |
| TYPICAL PAVEMENT MARKINGS | | | | | |
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| | 12-00015-00-8T | | 42 | 20 | |
| TC-13 | | | CONTRACT NO. 61856 | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | | |



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

COMPANY NAME: PROJECT CONTACT: CLIENT: 3/18/2005 3:03:35 PM FILE NAME: 194-001-03.dgn PLOT DRIVER: PLOT DATE: 3/14/2008 PEN TABLE:

| | | | |
|---------------------------|------------------------|------------|---------------------------------|
| FILE NAME = | USER NAME = geglionobt | DESIGNED - | REVISED - R. MIRS 09-15-97 |
| M:\distata\22x34\to22.dgn | | DRAWN - | REVISED - R. MIRS 12-11-97 |
| | | CHECKED - | REVISED - T. RAMMACHER 02-02-99 |
| | | DATE - | REVISED - C. JUCIUS 01-31-07 |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | |
|---|--------------------------------------|
| ARTERIAL ROAD INFORMATION SIGN | |
| SCALE: NONE | SHEET NO. 1 OF 1 SHEETS STA. TO STA. |

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|---|----------------|--------|--------------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 12-00015-00-BT | | 42 | 21 |
| TC-22 | | | CONTRACT NO. 61856 | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

VARIABLE - TO MEET EXISTING DIMENSIONS AND FIELD CONDITIONS (SEE NOTE ②)

PROP. CONC. CURB OR CURB AND GUTTER REPLACEMENT IN ACCORDANCE WITH STATE STANDARD 606001. (SEE NOTE ②)

SAW CUT FULL DEPTH - INCLUDED IN THE COST OF SIDEWALK, DRIVEWAY OR MEDIAN SURFACE REMOVAL PAY ITEM.

SEE STATE STANDARD 606001
EXISTING OR PROPOSED HMA SURFACE (IF APPLICABLE)

18" (450) MAX.

1/4" (5) **

EXISTING SIDEWALK, DRIVEWAY, MEDIAN SURFACE, SOD OR GROUND.

PROPOSED SIDEWALK, DRIVEWAY PAVEMENT, MEDIAN SURFACE OR SODDING SALT TOLERANT WITH TOP SOIL, 4" (100) SOD RESTORATION (SEE NOTE ①).

EXISTING CONCRETE PAVEMENT, CONCRETE BASE COURSE OR FLEXIBLE PAVEMENT

3" (75) MIN.

SUITABLE BACKFILL MATERIAL (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT)

PROPOSED 3/4" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)

* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.

** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.

SODDING, SALT TOLERANT AND TOP SOIL, FURNISH AND PLACE 4" WILL BE PAID FOR SEPARATELY.

② FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED

③ CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.

④ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.

⑤ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

⑥ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.

⑦ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.

⑧ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.

REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USUABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

BASIS OF PAYMENT:

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

COMPANY NAME: 3/16/2015 3:44:20 PM
PROJECT CONTACT: 194-097-04.dgn
CLIENT: PJP-JHF
DATE PLOTTED: 3/16/2015 3:44:20 PM
FILE NAME: 194-097-04.dgn
PLOT DRIVER: PJP-JHF
PEN TABLE: 3/16/2015 3:44:20 PM

| | | | |
|--|------------------------|----------------------|-----------------------------|
| FILE NAME = | USER NAME = drivakosgn | DESIGNED - A. HOUSEH | REVISED - R. SHAH 10-03-96 |
| c:\pwork\pwork\drivakosgn\0108315\bd24.dgn | | DRAWN - | REVISED - A. ABBAS 03-21-97 |
| | | CHECKED - | REVISED - M. GOMEZ 01-22-01 |
| | | DATE - 03-11-94 | REVISED - R. BORO 12-15-09 |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

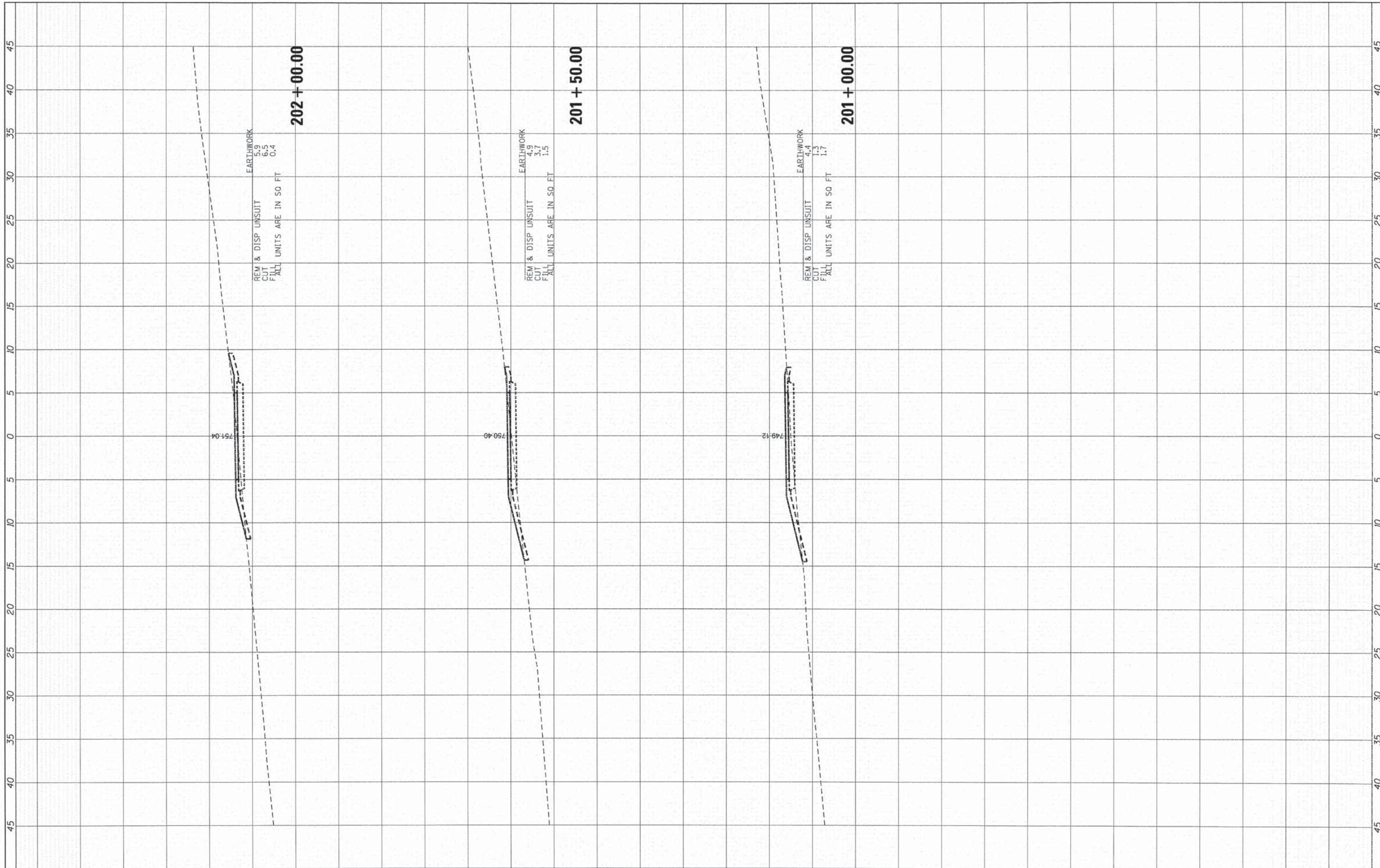
CURB OR CURB AND GUTTER
REMOVAL AND REPLACEMENT

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

| | | | | |
|---|----------------|--------|--------------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 12-00015-00-01 | | 42 | 22 |
| BD600-06 (BD-24) | | | CONTRACT NO. 61856 | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

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| FINAL SURVEY | SURVEYED | BY | DATE |
| NOTE BOOK NO. | PLOTTED | | |
| | DATE | | |
| | AREAS CHECKED | | |

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|-----------------|---------------|----|------|
| ORIGINAL SURVEY | SURVEYED | BY | DATE |
| NOTE BOOK NO. | PLOTTED | | |
| | DATE | | |
| | AREAS CHECKED | | |



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|---|-----------------------|----------------|-----------|
| FILE NAME = | USER NAME = bhar-tino | DESIGNED - BDH | REVISED - |
| \\HRGM\NAS\Data\86140194\CA0\1\94\XSC.dgn | | DRAWN - DS | REVISED - |
| | | CHECKED - AC | REVISED - |
| | | DATE - 3/16/15 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

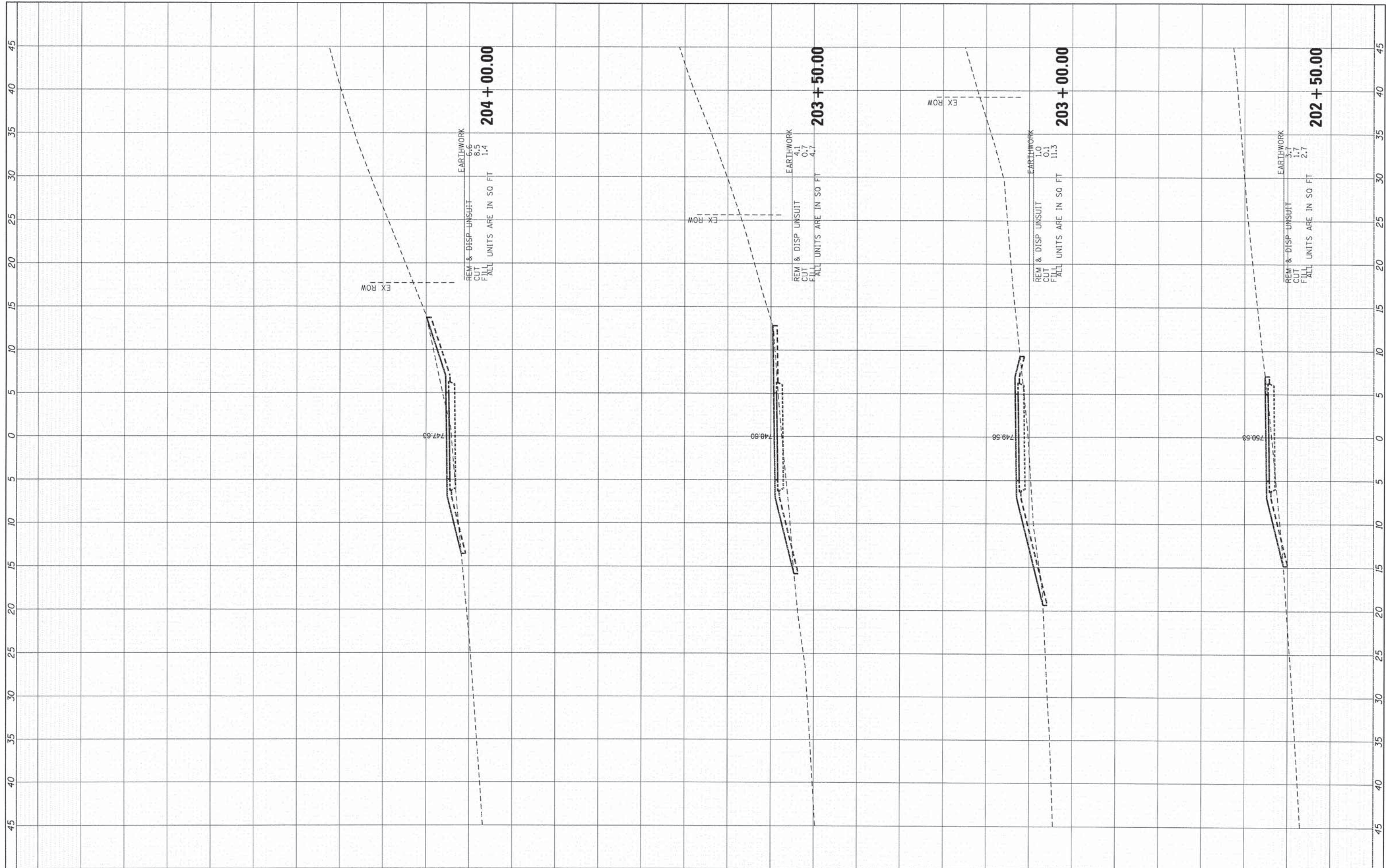
CROSS SECTIONS

SCALE: 1" = 10' SHEET 1 OF 20 SHEETS STA. 200+00.00 TO STA. 202+00.00

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|---------------------------|----------------|--------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| * | 12-00015-00-BT | WILL | 42 | 23 |
| CONTRACT NO. | | | 61B56 | |
| ILLINOIS FED. AID PROJECT | | | | |

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| FINAL SURVEY | BY | DATE |
| SURVEYED | | |
| NOTE BOOK | | |
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| AREAS CHECKED | | |
| AREAS | | |
| TEMPLATE | | |

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| ORIGINAL SURVEY | BY | DATE |
| SURVEYED | | |
| NOTE BOOK | | |
| NO. | | |
| AREAS CHECKED | | |
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|---|---------------------|----------------|-----------|
| FILE NAME = | USER NAME = bhartma | DESIGNED - BDH | REVISED - |
| \\HROMHNAS\Data\B6148194\CAO\SHEETS\194-XSC.dgn | | DRAWN - DS | REVISED - |
| | | CHECKED - AC | REVISED - |
| | | DATE - 3/16/15 | REVISED - |
| MODELNAME# | | | |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

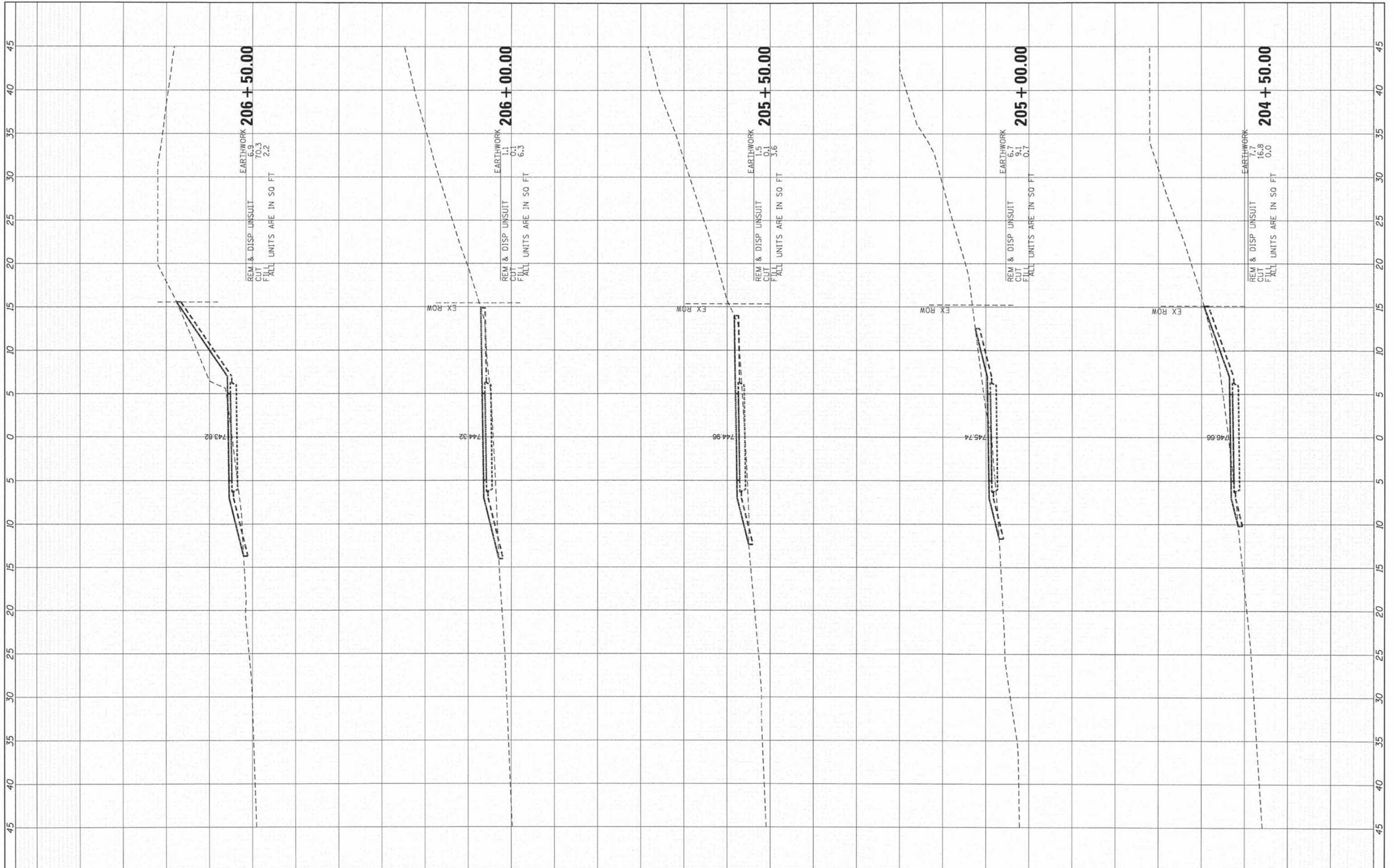
CROSS SECTIONS

SCALE: 1" = 10' SHEET 2 OF 20 SHEETS STA. 202+50.00 TO STA. 204+00.00

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|---------------------------|----------------|--------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| * | 12-00015-00-BT | WILL | 42 | 24 |
| CONTRACT NO. 61B56 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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| FINAL SURVEY | BY | DATE |
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| PLANNED | | |
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| ORIGINAL SURVEY | BY | DATE |
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| FILE NAME = | USER NAME = bharimo | DESIGNED - BDH | REVISED - |
| \\HRGMHNAS\Data\86140194\CAD\SHETS\194-XSC.dgn | | DRAWN - DS | REVISED - |
| | | CHECKED - AC | REVISED - |
| #MODELNAME# | | DATE - 3/16/15 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

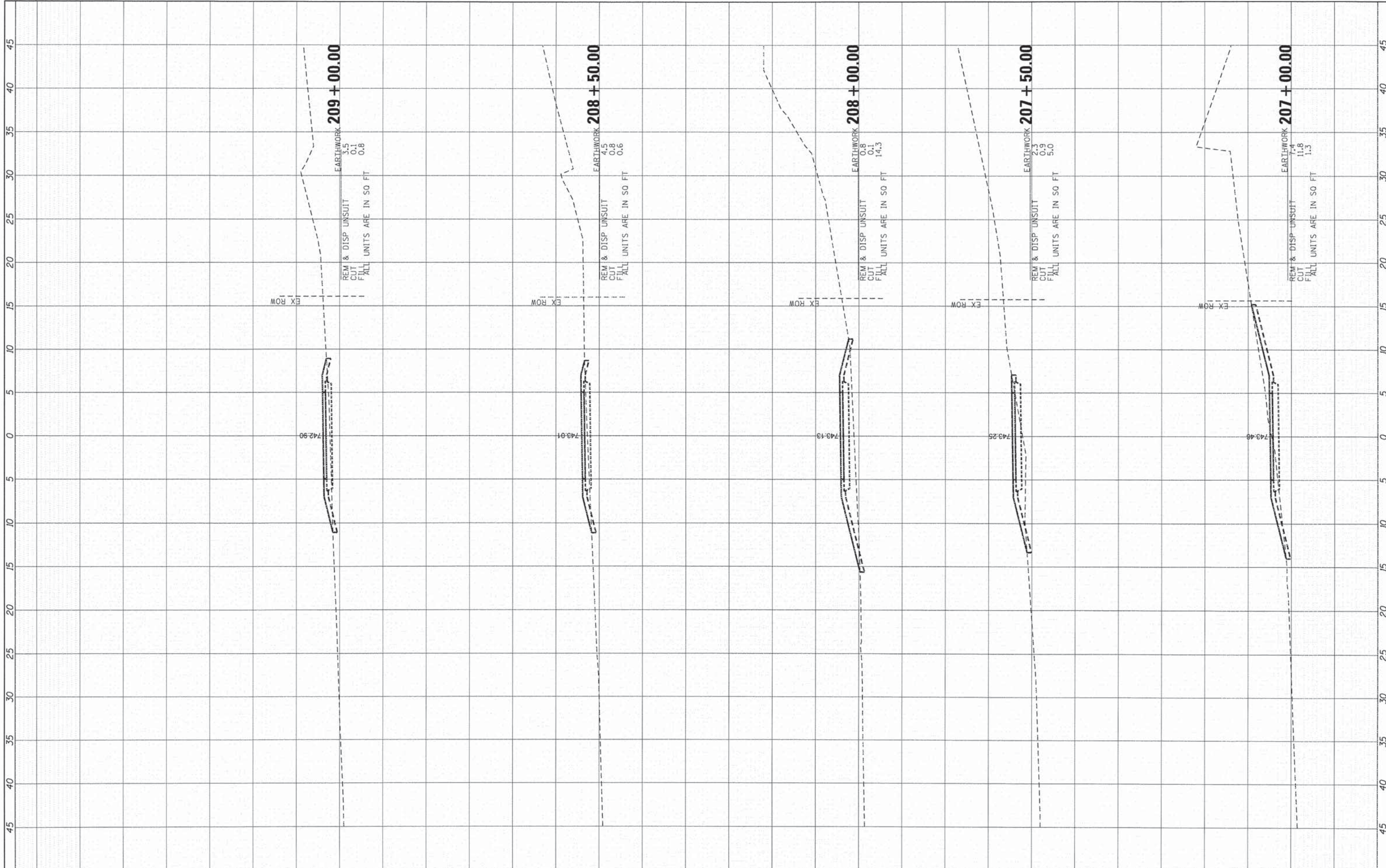
CROSS SECTIONS

SCALE: 1" = 10' SHEET 3 OF 20 SHEETS STA. 204+50.00 TO STA. 206+50.00

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| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| • | 12-00015-00-BT | WILL | 42 | 25 |
| | | | | CONTRACT NO. 61B56 |
| ILLINOIS FED. AID PROJECT | | | | |

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| FINAL SURVEY | SURVEYED | BY | DATE |
| NOTE BOOK | REVISIONS | | |
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| | CHECKED | | |

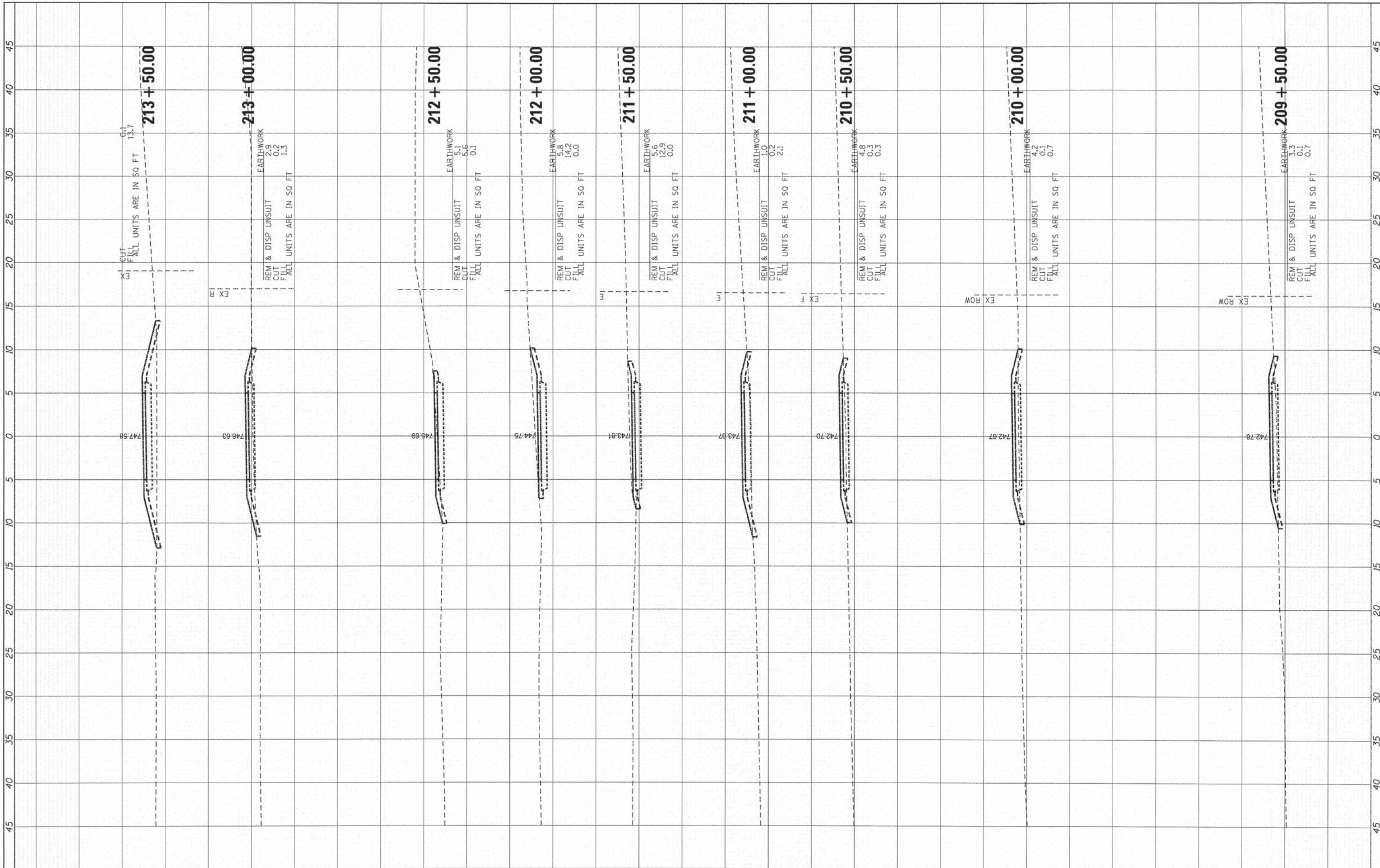
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| ORIGINAL SURVEY | SURVEYED | BY | DATE |
| NOTE BOOK | REVISIONS | | |
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| | PLOT SCALE = 1"=10' | DRAWN - DS | REVISED - | | SCALE: 1" = 10' | SHEET 4 | OF 20 | SHEETS | STA. 207+00.00_ | 12-00015-00-BT | WILL | 42 | 26 |
| #MODELNAME# | PLOT DATE = 3/16/2015 | CHECKED - AC | REVISED - | | | | | | | | | | |
| | | DATE - 3/16/15 | REVISED - | | | | | | | | | | CONTRACT NO. 61B56 |

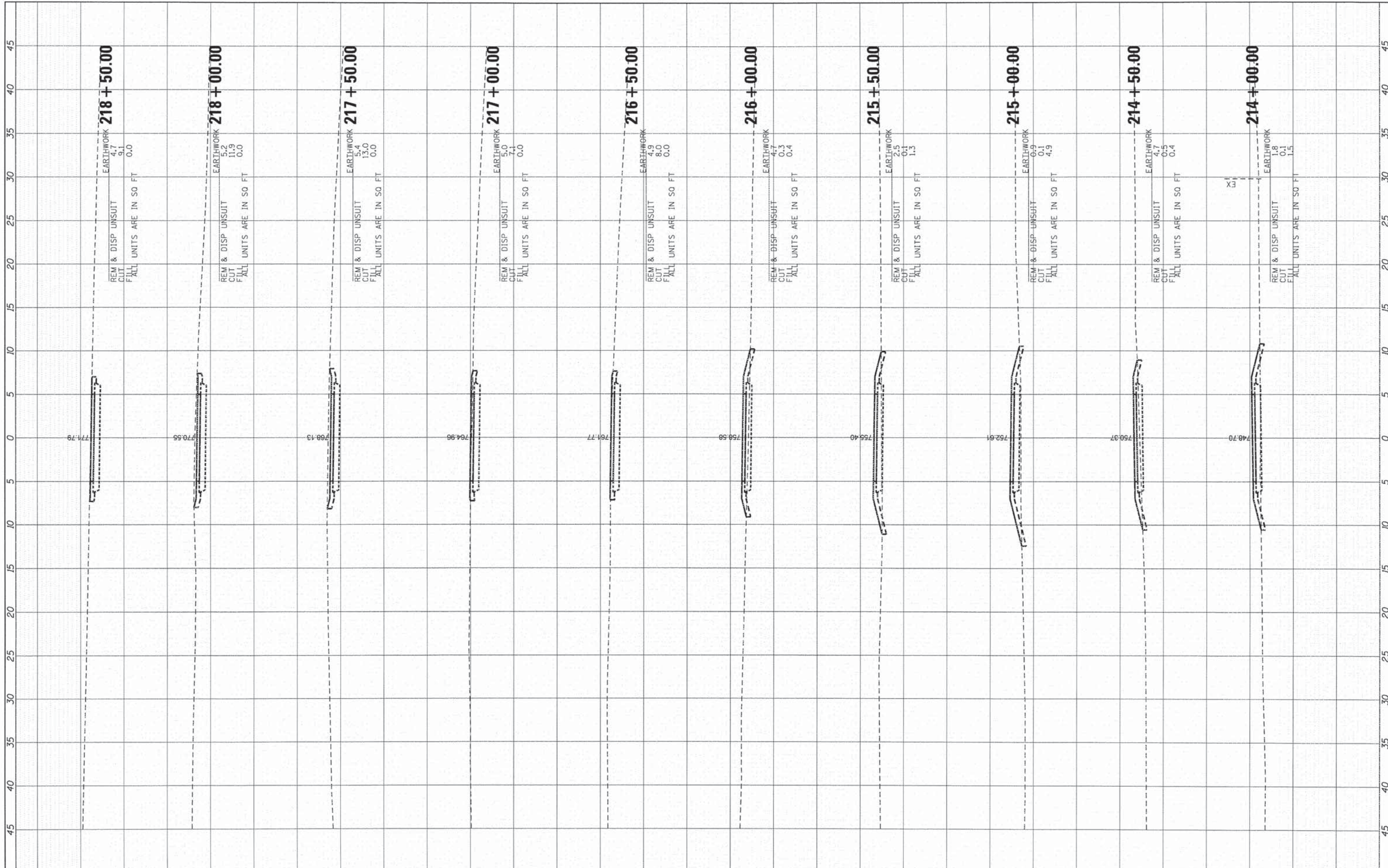
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| FINAL SURVEY | DATE |
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| ORIGINAL SURVEY | DATE |
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| NOTE BOOK | |
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| AREAS CHECKED | |



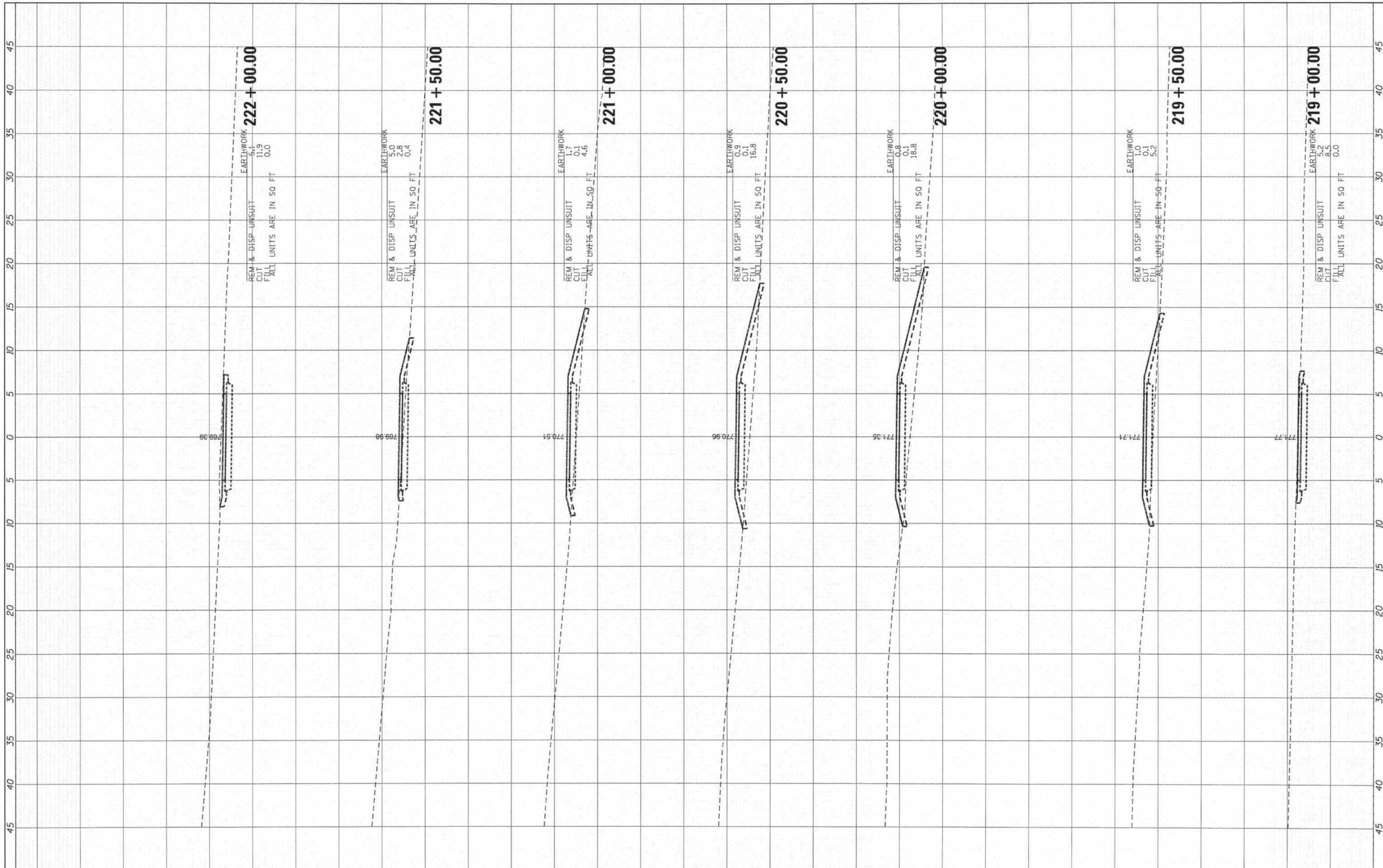
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| FINAL SURVEY | SURVEYED | DATE |
| NOTE BOOK | PLOTTED | BY |
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| ORIGINAL SURVEY | SURVEYED | DATE |
| NOTE BOOK | PLOTTED | BY |
| NO. | AREAS | |
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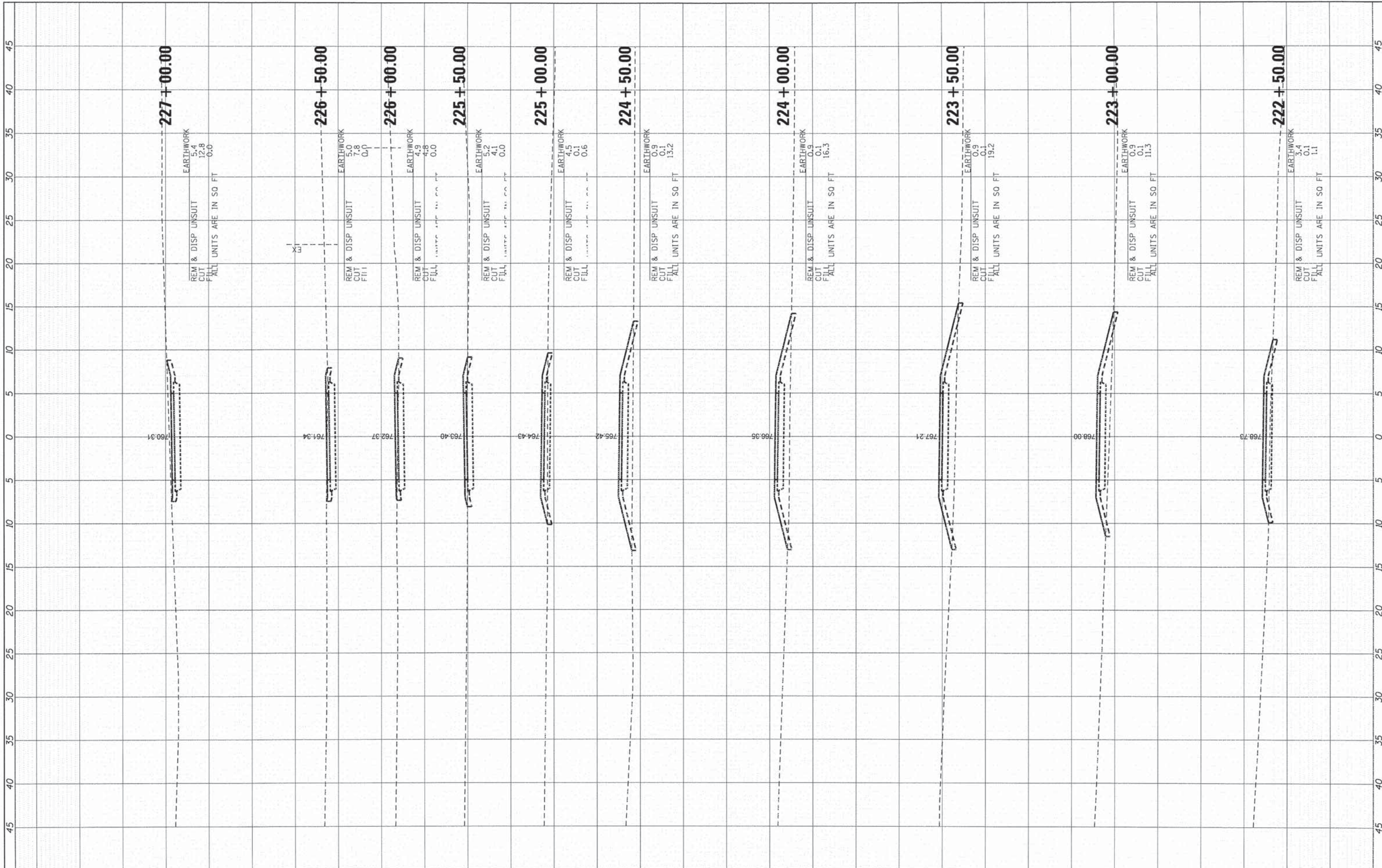
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| FINAL SURVEY | SURVEYED | BY | DATE |
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| ORIGINAL SURVEY | SURVEYED | BY | DATE |
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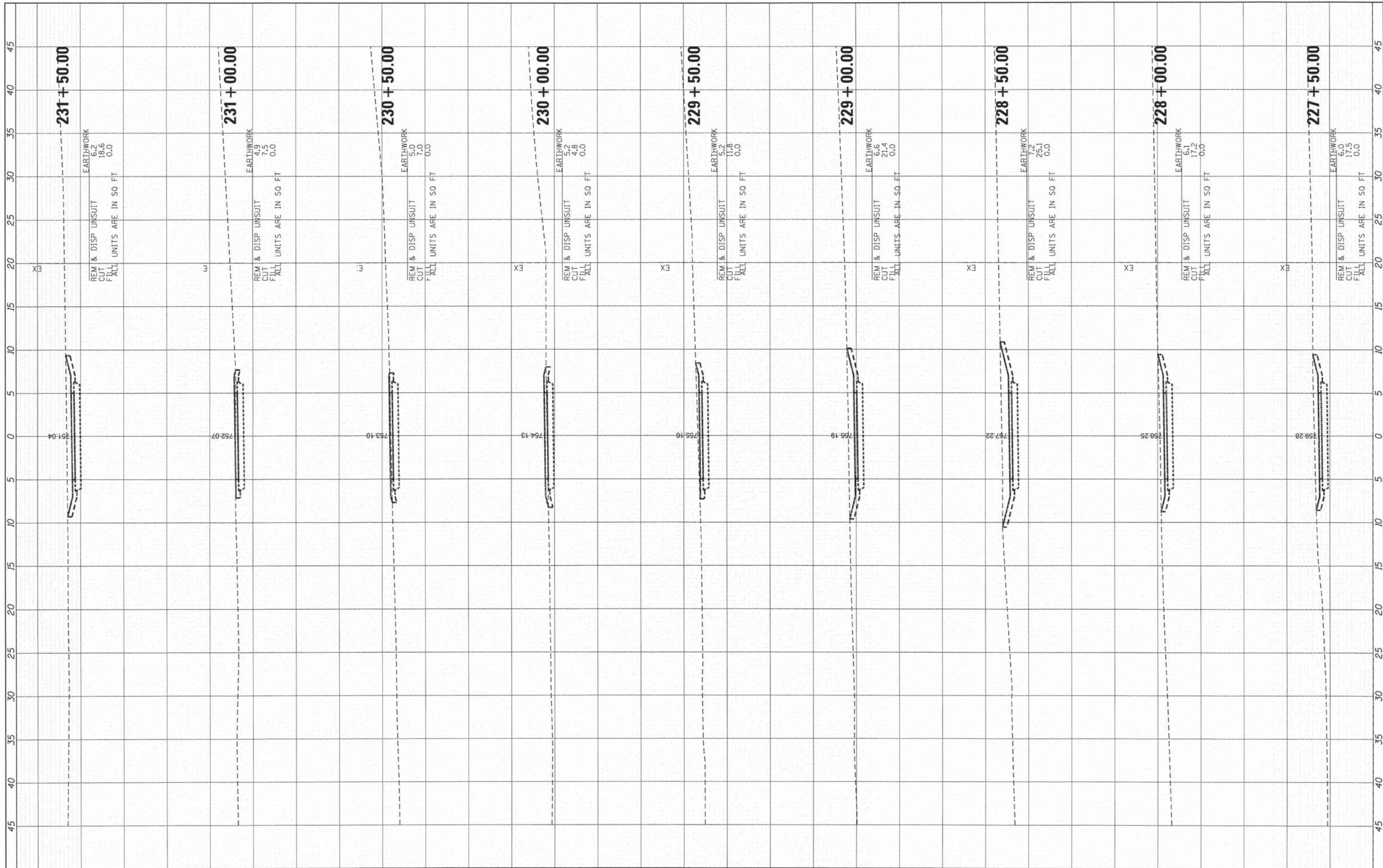
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| PLOTTED | |
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| CHECKED | |
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| FINAL SURVEY | SURVEYED | BY | DATE |
| NOTE BOOK NO. | PLOTTED | | |
| | DATE | | |
| | AREAS CHECKED | | |

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| ORIGINAL SURVEY | SURVEYED | BY | DATE |
| NOTE BOOK NO. | PLOTTED | | |
| | DATE | | |
| | AREAS CHECKED | | |



FILE NAME = \\HRDM\NAS\Data\86148194\CAD\SHETS\194-XSC.dgn

USER NAME = bhartina
 PLOT SCALE = 1"=10'
 PLOT DATE = 3/16/2015

DESIGNED - BDH
 DRAWN - DS
 CHECKED - AC
 DATE - 3/16/15

REVISED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

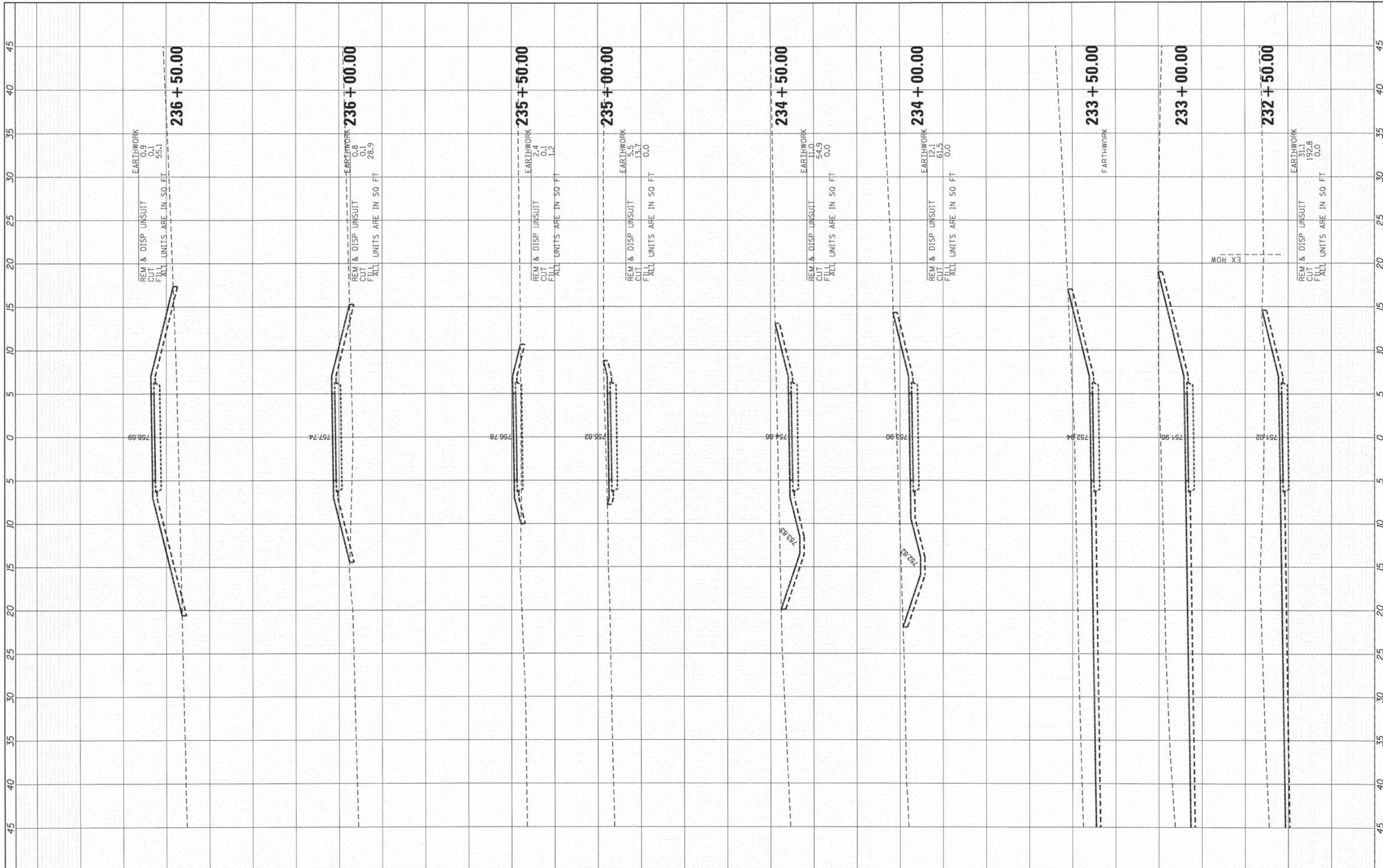
CROSS SECTIONS

SCALE: 1" = 10' SHEET 9 OF 20 SHEETS STA. 227+50.00 TO STA. 231+50.00

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|--------------------|----------------|--------|---------------------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| • | 12-00015-00-BT | WILL | 42 | 31 |
| CONTRACT NO. 61B56 | | | ILLINOIS FED. AID PROJECT | |

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| FINAL SURVEY | DATE |
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| NOTE BOOK | |
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| AREAS CHECKED | |

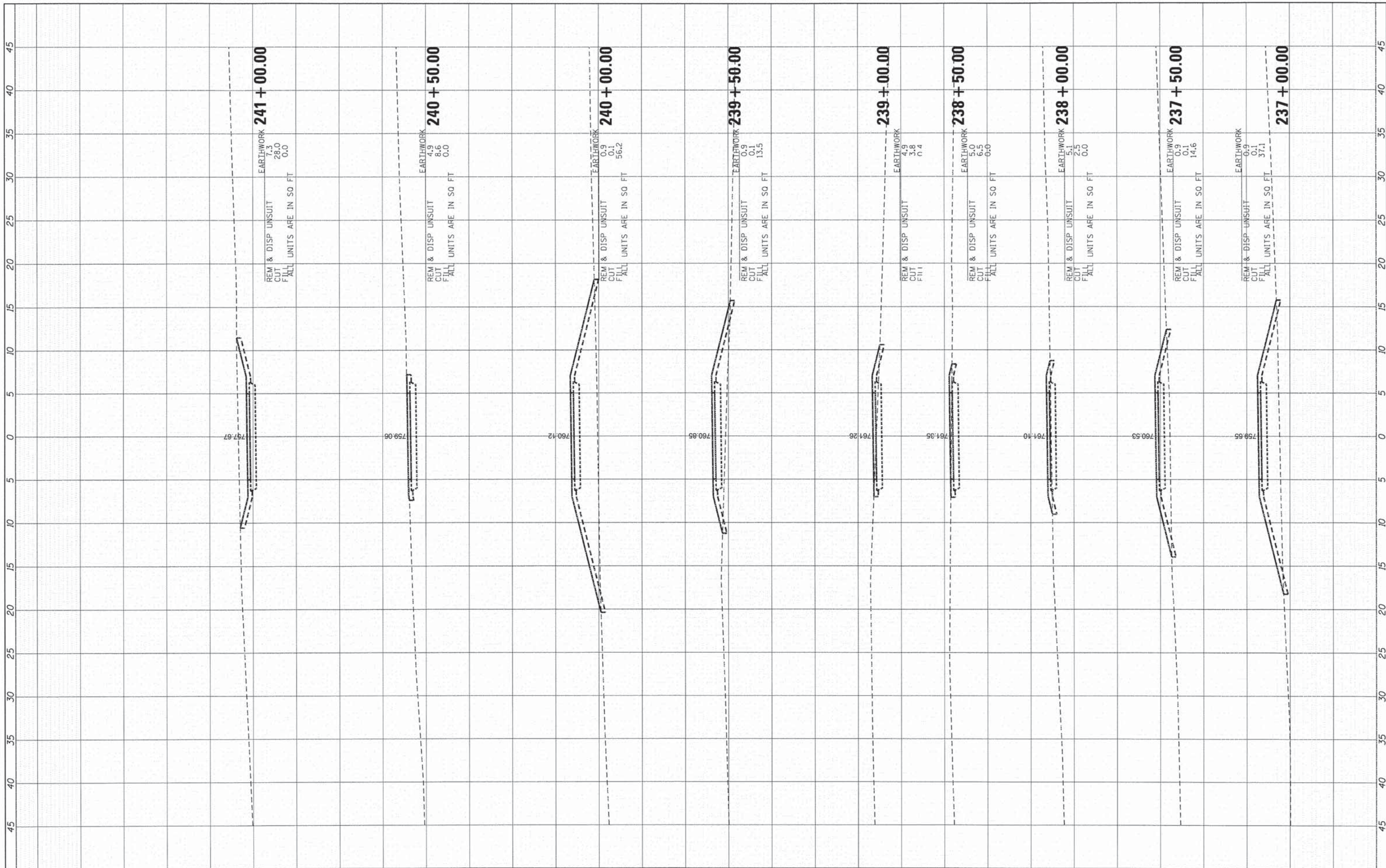
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| ORIGINAL SURVEY | DATE |
| SURVEYED | BY |
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|---|-----------------------|----------------|-----------|---|----------------------------------|--------------------|-------|--------|----------------|---------|--------|--------------|-----------|
| FILE NAME = \\HRGM\NAS\Dot\86140194\CAD\SHETS\194-XSC.dgn | USER NAME = bhartm | DESIGNED - BDH | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | CROSS SECTIONS | | | | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| #MODELNAME# | PLOT SCALE = 1"=10' | DRAWN - DS | REVISED - | | SCALE: 1" = 10' | SHEET 10 | OF 20 | SHEETS | 12-00015-00-BT | WILL | 42 | 32 | |
| | PLOT DATE = 3/18/2015 | CHECKED - AC | REVISED - | | STA. 232+50.00 TO STA. 236+50.00 | CONTRACT NO. 61B56 | | | | | | | |
| | | DATE - 3/16/15 | REVISED - | | ILLINOIS FED. AID PROJECT | | | | | | | | |

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| FINAL SURVEY | SURVEYED | BY | DATE |
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS CHECKED | | |

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| ORIGINAL SURVEY | SURVEYED | BY | DATE |
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS CHECKED | | |



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|---|-----------------------|----------------|-----------|
| FILE NAME = | USER NAME = bhartm | DESIGNED - BDH | REVISED - |
| \\HRGM\NAS\Data\86140194\CAD\SHEETS\194-XSC.dgn | | DRAWN - DS | REVISED - |
| | PLOT SCALE = 1"=10' | CHECKED - AC | REVISED - |
| #MODELNAME# | PLOT DATE = 3/16/2015 | DATE - 3/16/15 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

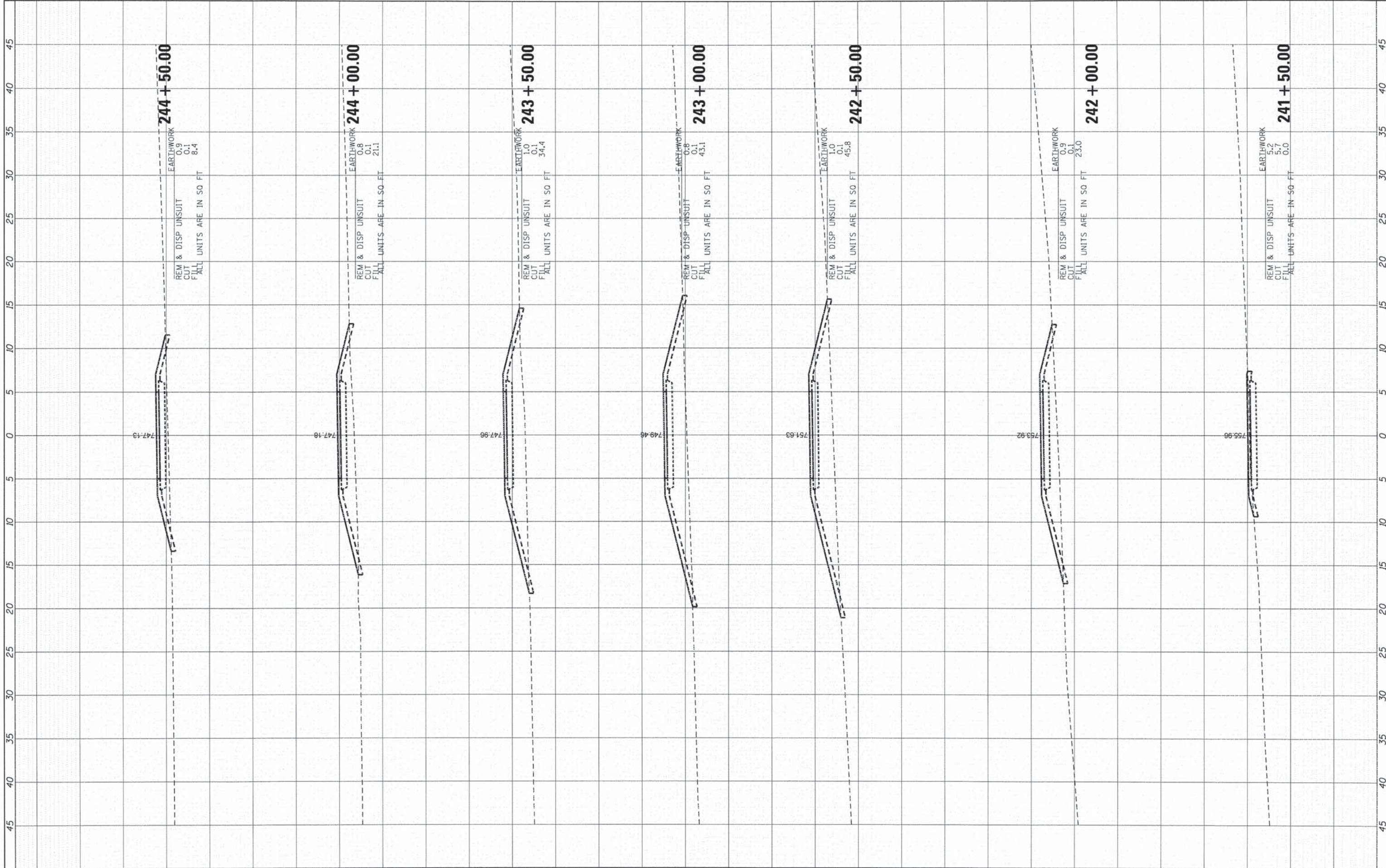
CROSS SECTIONS

SCALE: 1" = 10' SHEET 11 OF 20 SHEETS STA. 237+00.00 TO STA. 241+00.00

| | | | | |
|---------------------------|----------------|--------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| * | 12-00015-00-BT | WILL | 42 | 33 |
| | | | CONTRACT NO. | 61B56 |
| ILLINOIS FED. AID PROJECT | | | | |

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| FINAL SURVEY NO. | SURVEYED BY | DATE |
| NOTE BOOK NO. | DESIGNED BY | |
| | DRAWN BY | |
| | CHECKED BY | |
| | AREAS CHECKED | |

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| ORIGINAL SURVEY NO. | SURVEYED BY | DATE |
| NOTE BOOK NO. | DESIGNED BY | |
| | DRAWN BY | |
| | CHECKED BY | |
| | AREAS CHECKED | |



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| FILE NAME = | USER NAME = bhar-tma | DESIGNED - BDH | REVISED - |
| \\HRGM\NAS\Data\B6148194\CA0\SHEETS\194-XSC.dgn | | DRAWN - DS | REVISED - |
| | | CHECKED - AC | REVISED - |
| #MODELNAME# | | DATE - 3/16/15 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

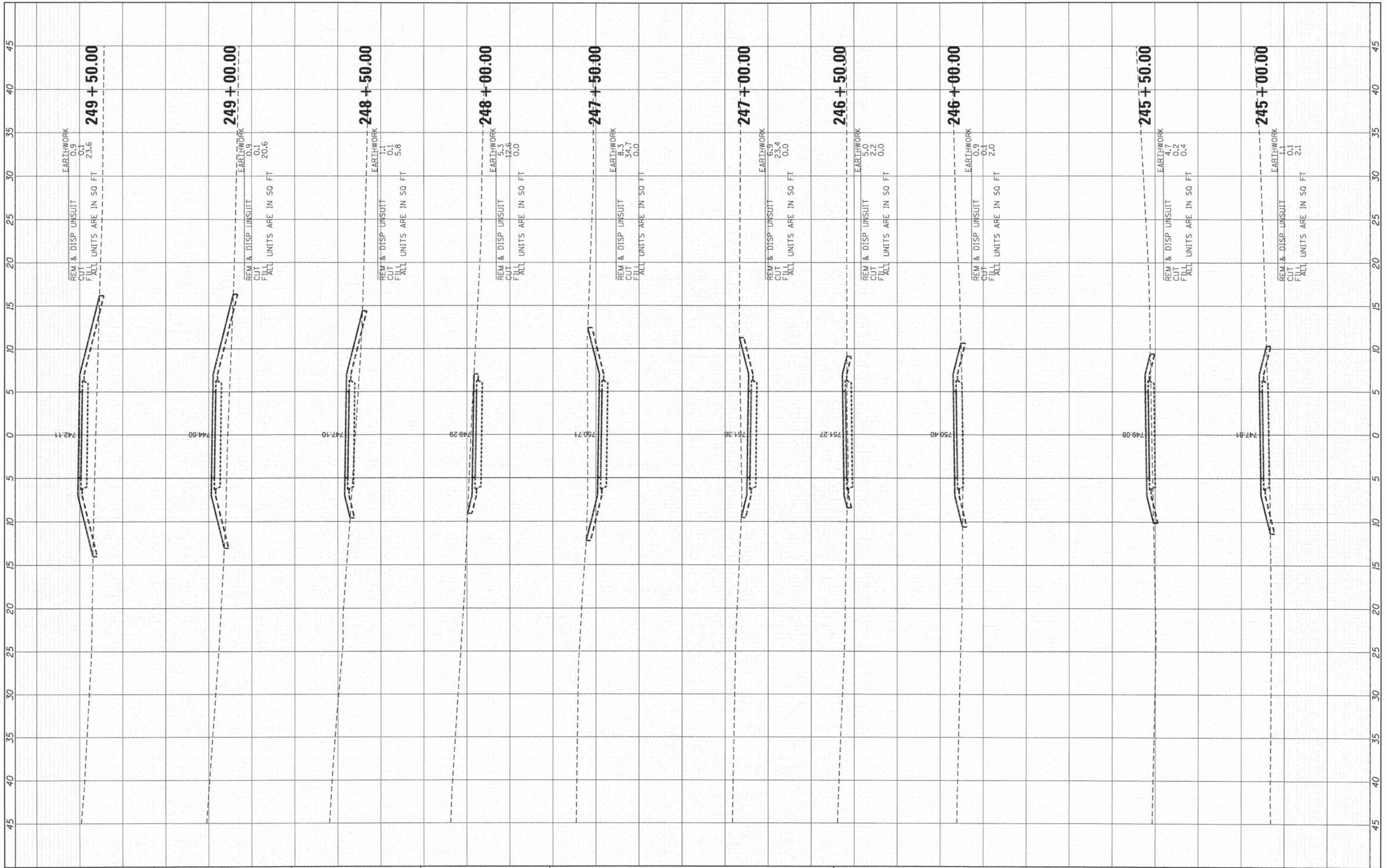
CROSS SECTIONS

SCALE: 1" = 10' SHEET 12 OF 20 SHEETS STA. 241+50.00 TO STA. 244+50.00

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|---------------------------|----------------|--------|--------------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| • | 12-00015-00-BT | WILL | 42 | 34 |
| | | | CONTRACT NO. 61B56 | |
| ILLINOIS FED. AID PROJECT | | | | |

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|---------------|------|
| FINAL SURVEY | DATE |
| SURVEYED | BY |
| PLOTTED | |
| NOTE BOOK | |
| AREAS CHECKED | |
| NO. | |

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|-----------------|------|
| ORIGINAL SURVEY | DATE |
| SURVEYED | BY |
| PLOTTED | |
| NOTE BOOK | |
| AREAS CHECKED | |
| NO. | |



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|---|---------------------|----------------|-----------|
| FILE NAME = | USER NAME = bhortma | DESIGNED - BDH | REVISED - |
| \\HRGM\NAS\Data\66140194\CA0\SHEETS\194-XSC.dgn | | DRAWN - DS | REVISED - |
| | | CHECKED - AC | REVISED - |
| | | DATE - 3/16/15 | REVISED - |

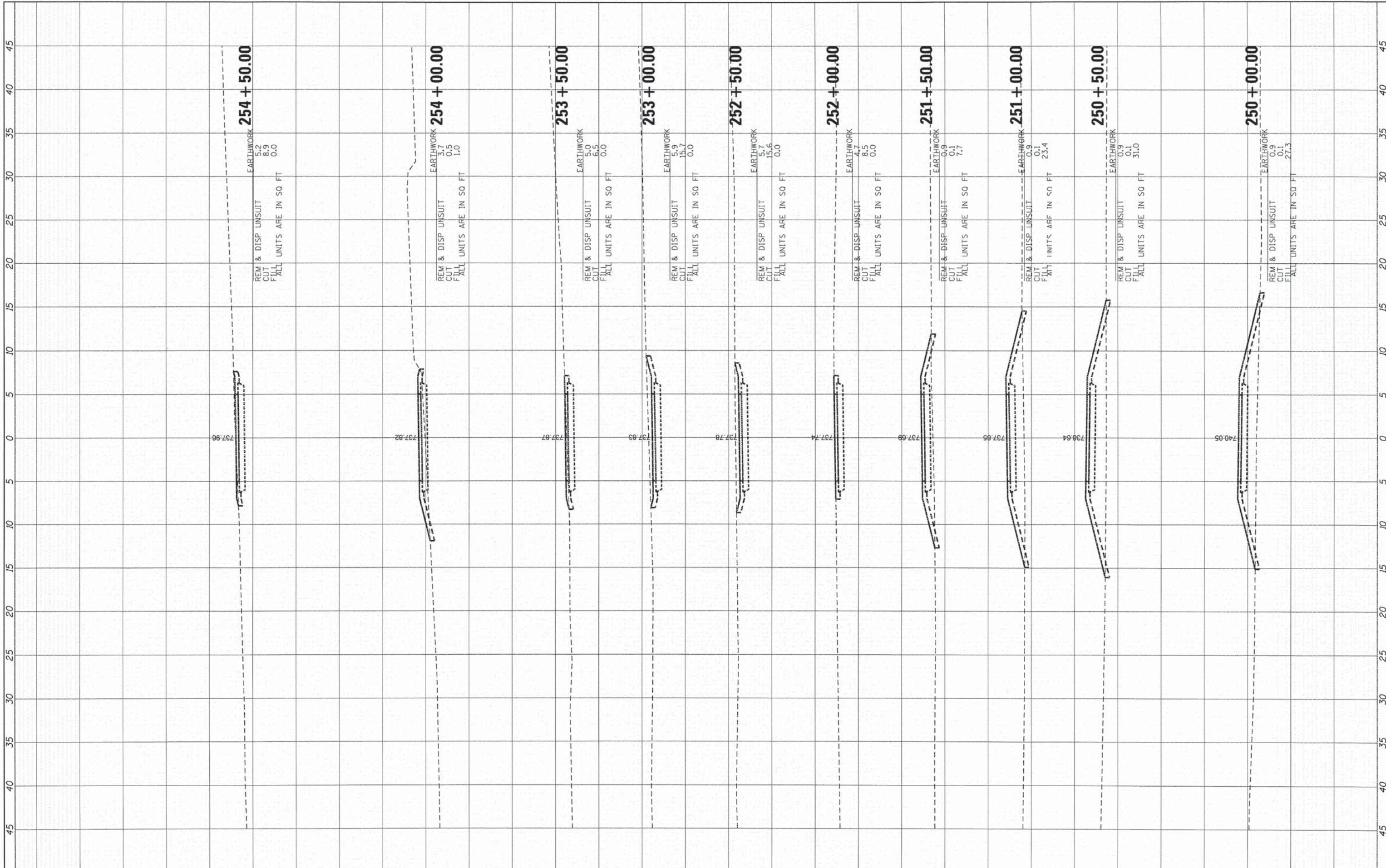
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | | | |
|-----------------------|----------|--------------|----------------------------------|
| CROSS SECTIONS | | | |
| SCALE: 1" = 10' | SHEET 13 | OF 20 SHEETS | STA. 245+00.00 TO STA. 249+50.00 |

| | | | | |
|---------------------------|----------------|--------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| • | 12-00015-00-BT | WILL | 42 | 35 |
| | | | CONTRACT NO. | 61B56 |
| ILLINOIS FED. AID PROJECT | | | | |

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| FINAL SURVEY | SURVEYED | BY | DATE |
| NOTE BOOK NO. | PLOTTED | | |
| | DATE | | |
| | AREAS CHECKED | | |

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| ORIGINAL SURVEY | SURVEYED | BY | DATE |
| NOTE BOOK NO. | PLOTTED | | |
| | DATE | | |
| | AREAS CHECKED | | |



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|---|---------------------|----------------|-----------|
| FILE NAME = \\HRGM\NAS\Data\66140194\CAD\SHEETS\194-XSC.dgn | USER NAME = bhartma | DESIGNED - BDH | REVISED - |
| PLOT SCALE = 1"=10' | | DRAWN - OS | REVISED - |
| PLOT DATE = 3/18/2015 | | CHECKED - AC | REVISED - |
| | | DATE - 3/16/15 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

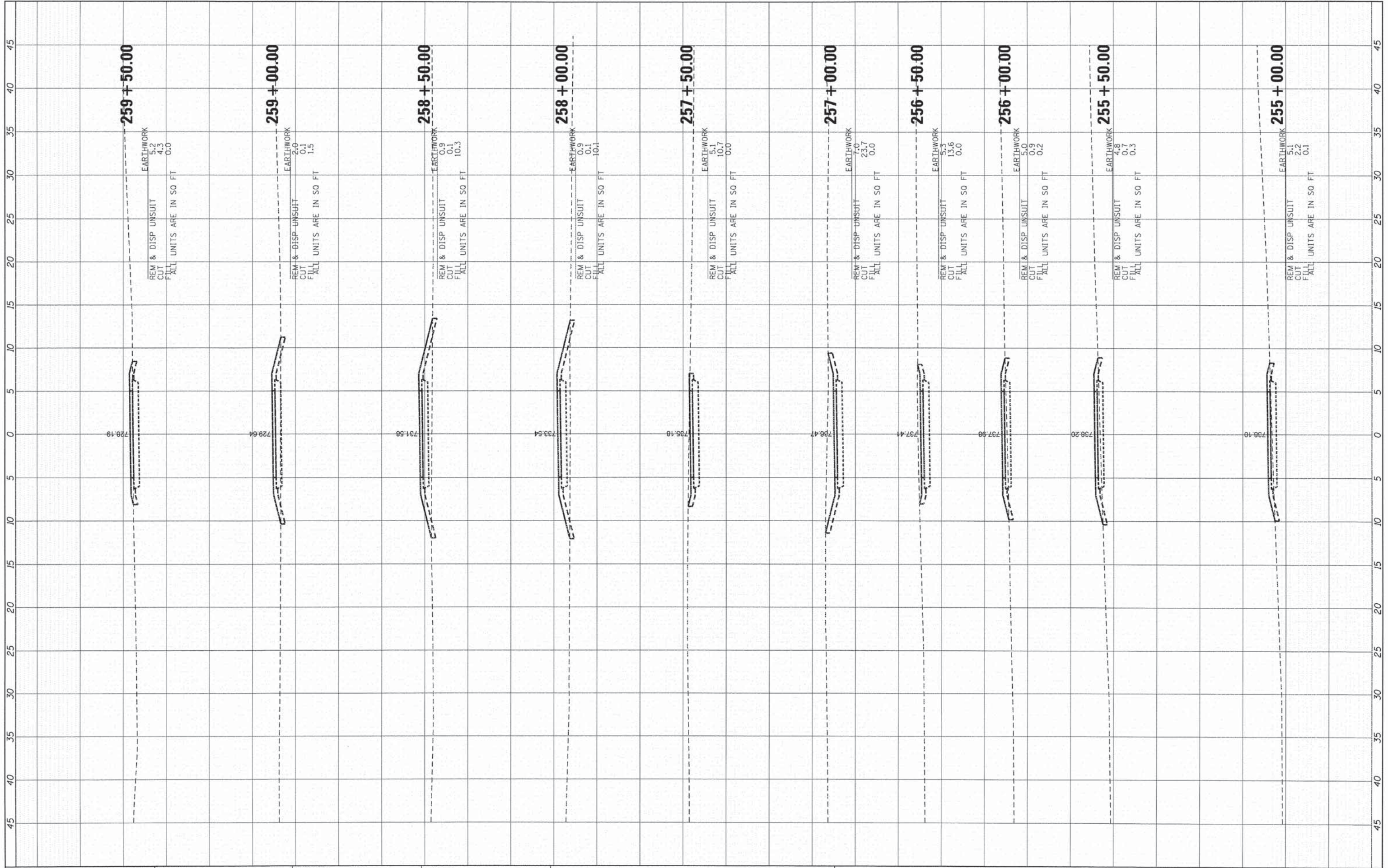
CROSS SECTIONS

SCALE: 1" = 10' SHEET 14 OF 20 SHEETS STA. 250+00.00 TO STA. 254+50.00

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| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 12-00015-00-BT | WILL | 42 | 36 |
| | | | CONTRACT NO. 61B56 | |
| ILLINOIS FED. AID PROJECT | | | | |

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| FINAL SURVEY | DATE |
| SURVEYED | BY |
| PLOTTED | DATE |
| NOTE BOOK | AREAS CHECKED |
| NO. | |

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| ORIGINAL SURVEY | DATE |
| SURVEYED | BY |
| PLOTTED | DATE |
| NOTE BOOK | AREAS CHECKED |
| NO. | |



FILE NAME = \\HRGM\NAS\Data\B6140194\CA0\SHEETS\194-XSC.dgn
 #MODELNAME*

USER NAME = bharuna
 DESIGNED - BDH
 DRAWN - DS
 CHECKED - AC
 DATE - 3/16/15

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

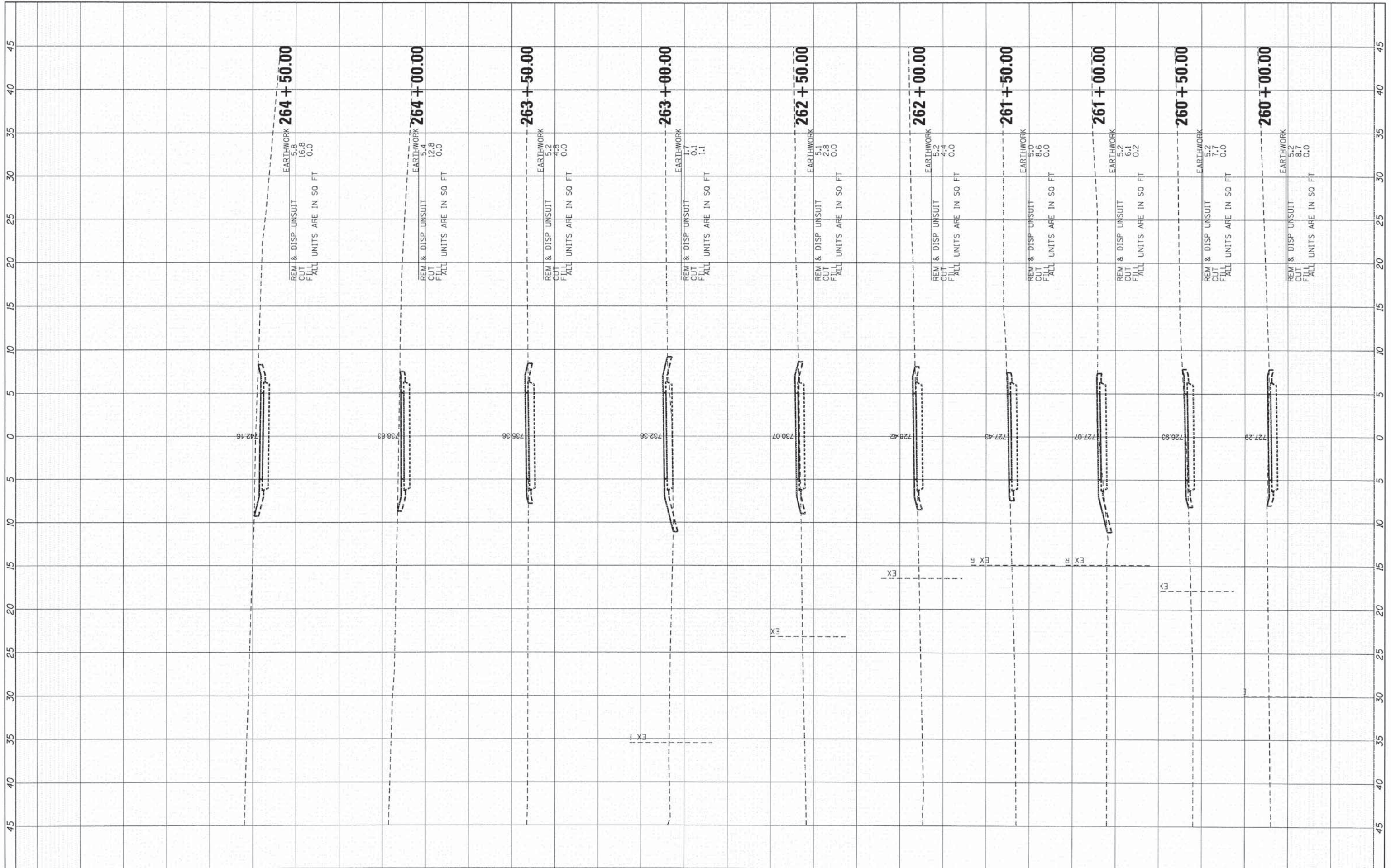
CROSS SECTIONS

SCALE: 1" = 10' SHEET 15 OF 20 SHEETS STA. 255+00.00 TO STA. 259+50.00

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|----------------|--------|---------------------------|-----------|
| * | 12-00015-00-BT | WILL | 42 | 37 |
| CONTRACT NO. 61B56 | | | ILLINOIS FED. AID PROJECT | |

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| FINAL SURVEY | SURVEYED | BY | DATE |
| NOTE BOOK | PLOTTED | | |
| NO. | DATE | | |
| | AREAS CHECKED | | |

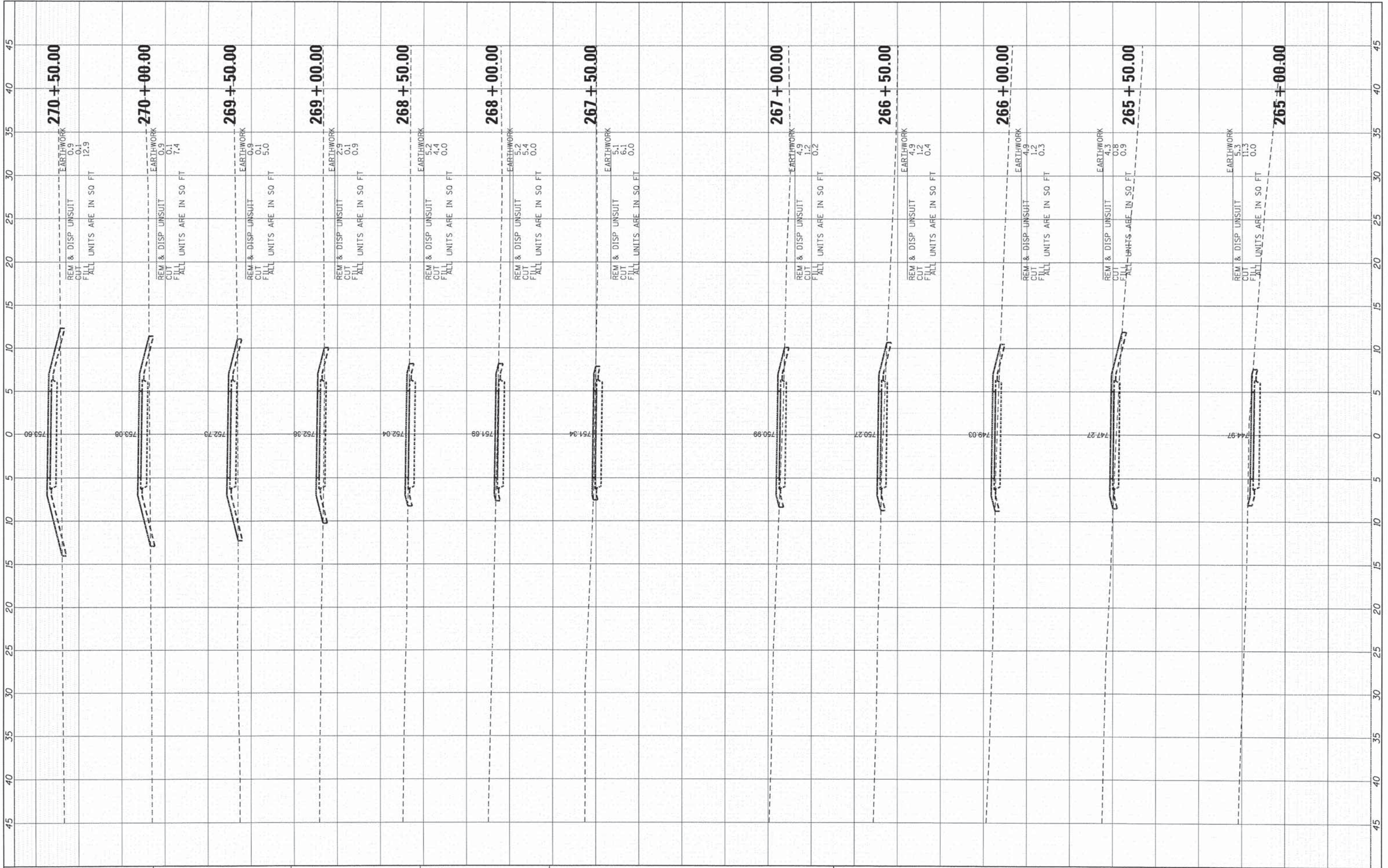
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| ORIGINAL SURVEY | SURVEYED | BY | DATE |
| NOTE BOOK | PLOTTED | | |
| NO. | DATE | | |
| | AREAS CHECKED | | |



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|---|-----------------------|----------------|-----------|---|-----------------------|----------|--------------|----------------------------------|----------------|--------------------|--------------|-----------|
| FILE NAME = \\HRDM\NAS\Data\B6140194\CAD\SHEETS\194-XSC.dgn | USER NAME = bharima | DESIGNED - BDH | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | CROSS SECTIONS | | | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| *MODELNAME* | PLOT SCALE = 1"=10' | CHECKED - AC | REVISED - | | SCALE: 1" = 10' | SHEET 16 | OF 20 SHEETS | STA. 260+00.00 TO STA. 264+50.00 | 12-00015-00-BT | WILL | 42 | 38 |
| | PLOT DATE = 3/16/2015 | DATE - 3/16/15 | REVISED - | | | | | | | CONTRACT NO. 61B56 | | |
| ILLINOIS FED. AID PROJECT | | | | | | | | | | | | |

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| FINAL SURVEY BOOK NO. | BY | DATE |
| SURVEYED | | |
| TEMPLATE | | |
| AREAS CHECKED | | |

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| ORIGINAL SURVEY BOOK NO. | BY | DATE |
| SURVEYED | | |
| TEMPLATE | | |
| AREAS CHECKED | | |



FILE NAME = \\HRGMHNAS\Data\B6140194\CAD\SHEETS\194-XSC.dgn
 USER NAME = bhar-sma
 DESIGNED - BDH
 DRAWN - DS
 CHECKED - AC
 DATE - 3/16/15

REVISOR -
 REVISION -
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 REVISION -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

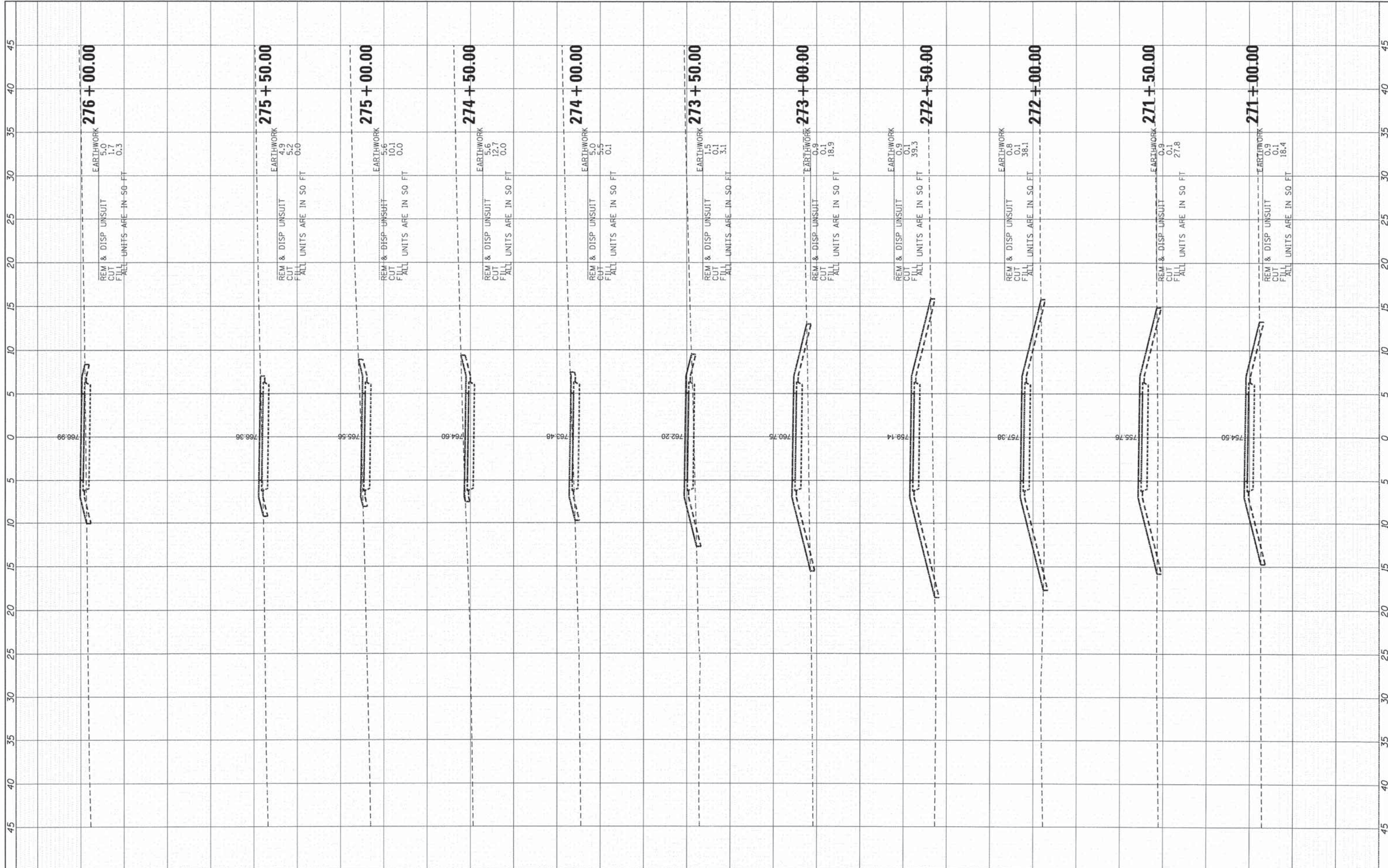
CROSS SECTIONS

SCALE: 1" = 10' SHEET 17 OF 20 SHEETS STA. 265+00.00 TO STA. 270+50.00

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| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| • | 12-00015-00-BT | WILL | 42 | 39 |
| CONTRACT NO. 61B56 | | | ILLINOIS FED. AID PROJECT | |

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| NOTE BOOK NO. | PLOTTED | | |
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| | AREAS CHECKED | | |

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| ORIGINAL SURVEY | SURVEYED | BY | DATE |
| NOTE BOOK NO. | PLOTTED | | |
| | DATE | | |
| | AREAS CHECKED | | |



FILE NAME = \\HRGM\NAS\DATA\86140194\CAD\XSC\194-XSC.dgn
 USER NAME = bhartma
 PLOT SCALE = 1"=10'
 PLOT DATE = 3/18/2015

DESIGNED - BDH
 DRAWN - DS
 CHECKED - AC
 DATE - 3/16/15

REVISED -
 REVISED -
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 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

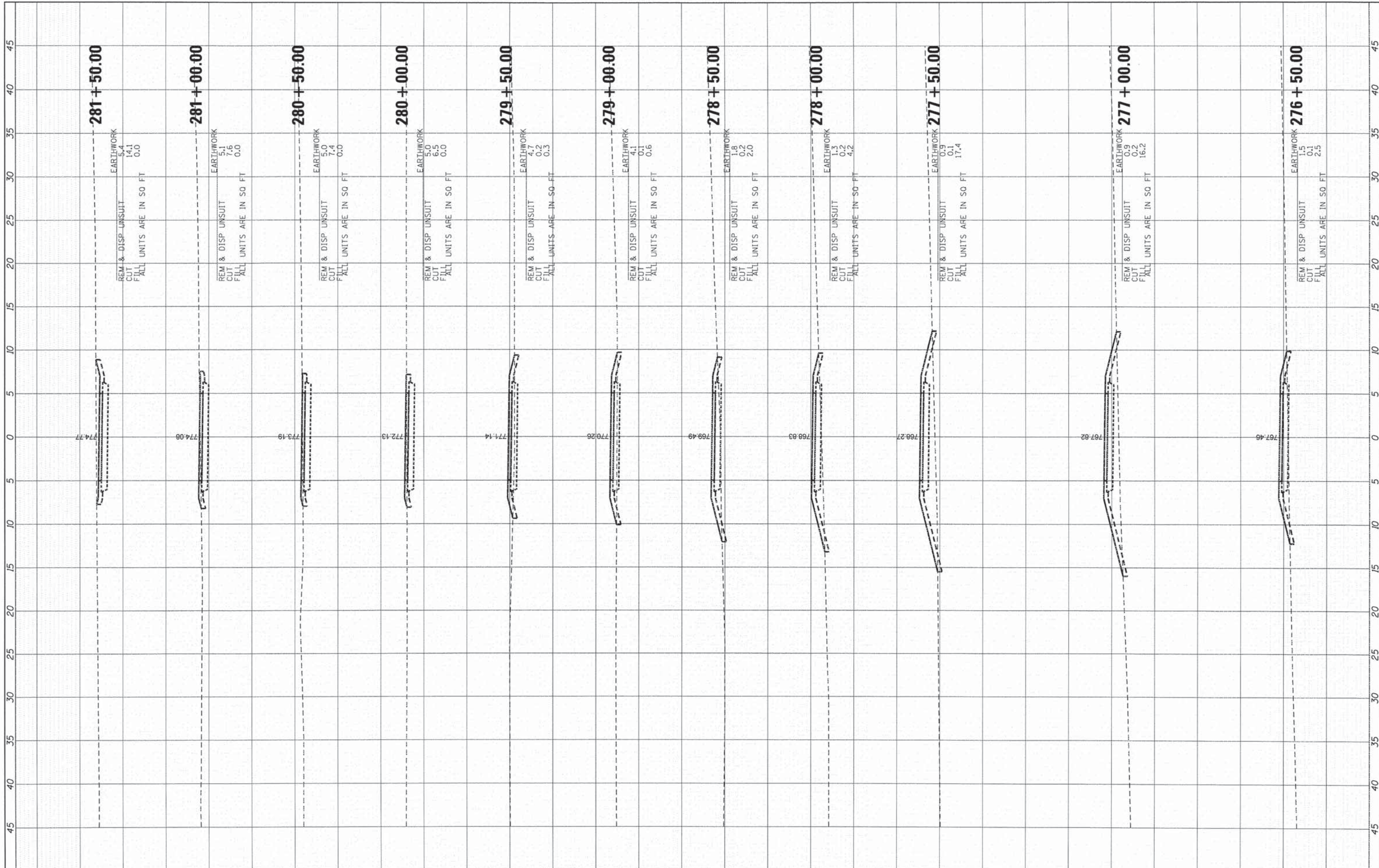
CROSS SECTIONS

SCALE: 1" = 10' SHEET 18 OF 20 SHEETS STA. 271+00.00 TO STA. 276+00.00

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| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 12-00015-00-BT | WILL | 42 | 40 |
| | | | CONTRACT NO. 61B56 | |
| ILLINOIS FED. AID PROJECT | | | | |

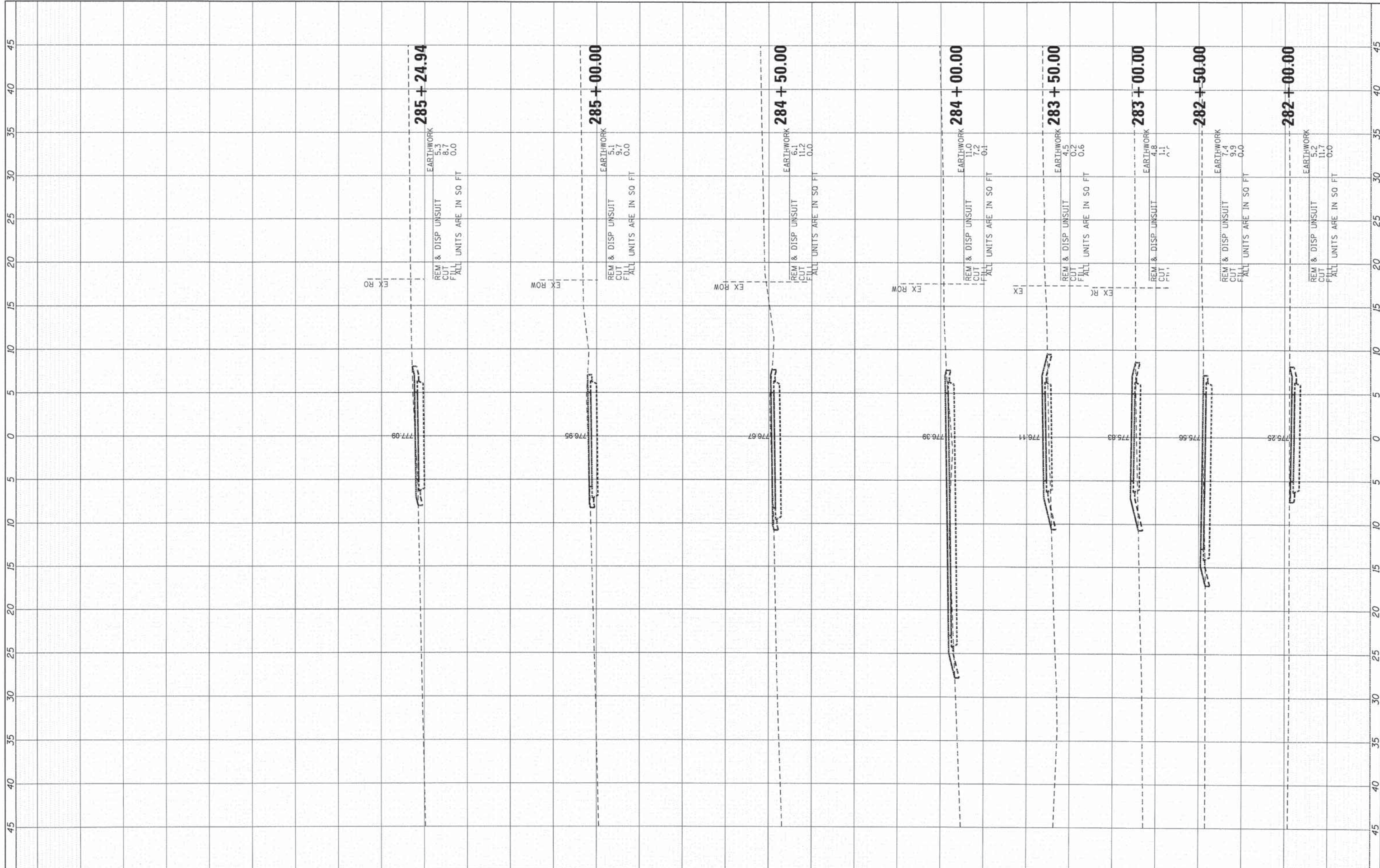
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| FINAL SURVEY | SURVEYED | BY | DATE |
| NOTE BOOK NO. | PLOTTED | | |
| | REVISIONS | | |
| | AREAS CHECKED | | |

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| NOTE BOOK NO. | PLOTTED | | |
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| | AREAS CHECKED | | |



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| FINAL SURVEY | SURVEYED | BY | DATE |
| NOTE BOOK NO. | PLOTTED | | |
| | AREAS | | |
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| ORIGINAL SURVEY | SURVEYED | BY | DATE |
| NOTE BOOK NO. | PLOTTED | | |
| | AREAS | | |
| | CHECKED | | |



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| FILE NAME = \\HRDM\NAS\Data\B6140194\CAD\0\SHEETS\194-XSC.dgn | USER NAME = bhar-una | DESIGNED - BDH | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | CROSS SECTIONS | | | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| #MODELNAME* | PLOT SCALE = 1"=10' | CHECKED - AC | REVISED - | | SCALE: 1" = 10' | SHEET 20 | OF 20 | SHEETS | 12-00015-00-BT | WILL | 42 | 42 |
| | PLOT DATE = 3/16/2015 | DATE - 3/16/15 | REVISED - | | STA. 282+00.00 TO STA. 285+24.94 | | | | CONTRACT NO. 61B56 | | | |
| | | | | | | | | ILLINOIS FED. AID PROJECT | | | | |