

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

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|----------------|----------|--------------------|-----------|
| 0195 | 15-00065-00-RS | LAKE | 80 | 1 |
| | | ILLINOIS | CONTRACT NO. 61E14 | |

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION PLANS FOR PROPOSED FEDERAL AID HIGHWAY

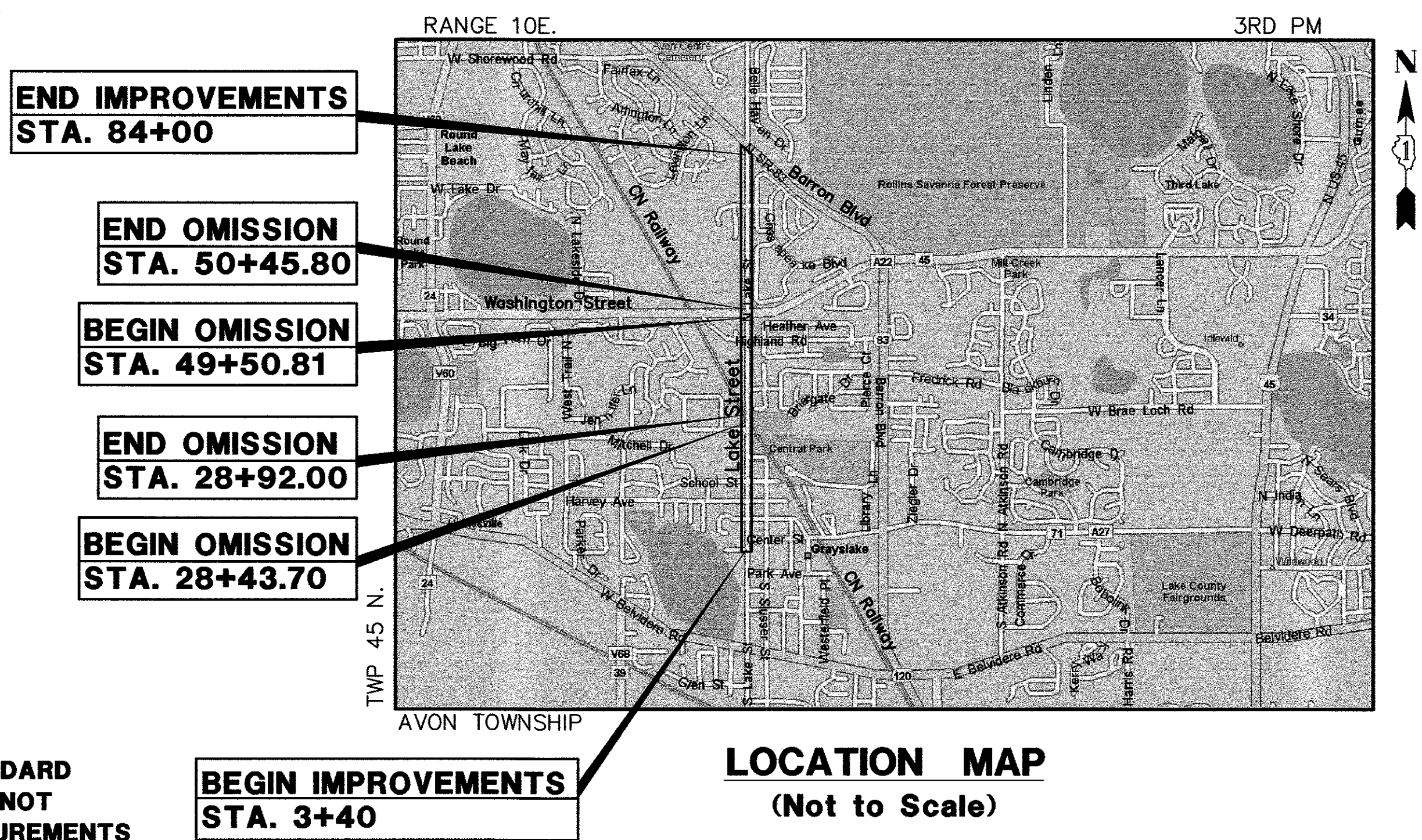
**FAU ROUTE 0195 (LAKE STREET)
 CENTER STREET TO BARRON BLVD
 RESURFACING
 SECTION: 15-00065-00-RS
 PROJECT: GZR5(001)
 VILLAGE OF GRAYSLAKE
 LAKE COUNTY
 C-91-049-17**

TRAFFIC DATA

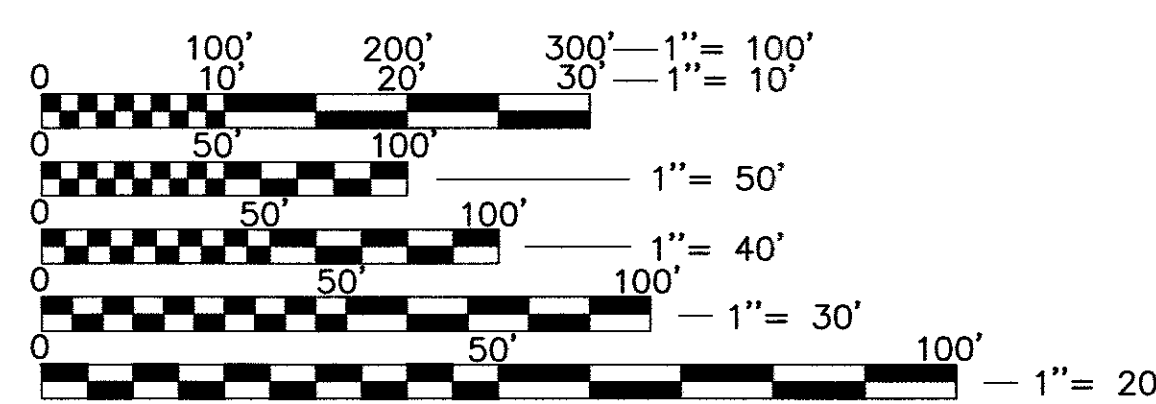
ROAD NAME: LAKE STREET
FUNCTIONAL CLASSIFICATION: MAJOR COLLECTOR
POSTED SPEED LIMIT: NORTH OF WASHINGTON - 45 MPH
 SOUTH OF WASHINGTON - 30 MPH
DESIGN SPEED: NORTH OF WASHINGTON - 50 MPH
 SOUTH OF WASHINGTON - 35 MPH
ADT: NORTH OF WASHINGTON STREET - 6,400 (2015)
 SOUTH OF WASHINGTON STREET - 8,500 (2015)
 NORTH OF CENTER STREET - 7,650 (2015)
 SOUTH OF CENTER STREET - 7,000 (2015)



LOCATION OF SECTION INDICATED THIS: - [Black Box] -



LOCATION MAP
 (Not to Scale)



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

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
 1-800-892-0123 OR 811

GROSS LENGTH = 8,060 FEET = (1.53 MILES)
NET LENGTH = 7,917 FEET = (1.50 MILES)

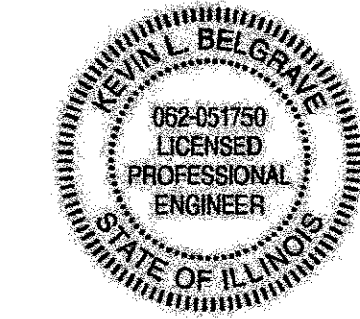
CONTRACT NO. 61E14

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

Approved August 4 2017
[Signature]
 VILLAGE OF GRAYSLAKE, VILLAGE MANAGER

Passed AUGUST 31 2017
[Signature] CHRISTOPHER HOLT
 District One Engineer of Local Roads & Streets

Releasing for Bid
 Based on Limited
 Review SEPTEMBER 1, 2017
[Signature] Regional Engineer



SIGNED: Kevin L. Belgrave

DATE: August 4, 2017
 EXP. 11/30/2017

GHA GEWALT HAMILTON ASSOCIATES, INC.
 625 Forest Edge Drive ■ Vernon Hills, IL 60061
 TEL 847.478.9700 ■ FAX 847.478.9701
 GHA JOB #: 4990.400

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

PROGRAM AND OFFICE ENGINEER: CHARLES F. RIDDLE, P.E. (847) 705-4406 SCHAUMBURG, IL

INDEX OF SHEETS

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GENERAL NOTES

- ALL CONSTRUCTION SHALL BE PERFORMED ACCORDING TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" LATEST EDITION, THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" LATEST EDITION, THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" LATEST EDITION, THE DETAILS IN THESE PLANS, THE CONTRACT DOCUMENTS, ALL APPLICABLE REQUIREMENTS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION, THE IEPA AND ORDINANCES OF AUTHORITIES HAVING JURISDICTION AND ALL ADDENDA THERETO.
- EASEMENTS FOR THE EXISTING UTILITIES, BOTH PUBLIC AND PRIVATE AND UTILITIES WITHIN PUBLIC RIGHTS-OF-WAY ARE SHOWN ON THE PLANS ACCORDING TO AVAILABLE RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION IN THE FIELD OF THESE UTILITY LINES AND THEIR PROTECTION FROM DAMAGE DUE TO CONSTRUCTION OPERATIONS. IF EXISTING UTILITY LINES OF ANY NATURE ARE ENCOUNTERED WHICH CONFLICT WITH NEW CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
- WHENEVER, DURING CONSTRUCTION OPERATIONS, ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF CUTTERS, DRAINAGE STRUCTURES, DITCHES, ETC. SUCH THAT THE NATURAL FLOW LINE OF WATER IS OBSTRUCTED, THE LOOSE MATERIAL WILL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES AND FLOW LINES SHALL BE FREE FROM DIRT AND DEBRIS. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE CONTRACT. THE CONTRACTOR'S FAILURE TO PROVIDE THE ABOVE WILL PRECLUDE ANY POSSIBLE ADDED COMPENSATION REQUESTED DUE TO DELAYS OR UNSUITABLE MATERIALS CREATED AS A RESULT THEREOF.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AFFECTING THEIR WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE PRIOR TO ORDERING MATERIALS. IN ADDITION, THE CONTRACTOR MUST VERIFY THE LINE AND GRADES. IF THERE ARE ANY DISCREPANCIES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLANS, STANDARD SPECIFICATIONS AND/OR SPECIAL DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTION FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSION OR DISCREPANCIES. FAILING TO SECURE SUCH INSTRUCTION, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS/HER OWN RISK.
- ALL PAVEMENT DIMENSIONS ARE SHOWN TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 72 HOURS PRIOR TO BEGINNING WORK.
- IF DURING CONSTRUCTION THE CONTRACTOR ENCOUNTERS OR OTHERWISE BECOMES AWARE OF ANY SEWERS OR UNDERDRAINS OTHER THAN THOSE SHOWN ON THE PLANS, HE/SHE SHALL INFORM THE ENGINEER, WHO SHALL DIRECT THE WORK NECESSARY TO MAINTAIN OR REPLACE THE FACILITIES IN SERVICE AND TO PROTECT THEM FROM DAMAGE DURING CONSTRUCTION IF MAINTAINED. EXISTING FACILITIES TO BE MAINTAINED THAT ARE DAMAGED BECAUSE OF NON-COMPLIANCE WITH THIS PROVISION SHALL BE REPLACED BY THE CONTRACTOR.
- THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH THE NPDES PERMIT AND SWPPP MANUAL. IF NO NPDES PERMIT OR SWPPP MANUAL IS NEEDED FOR THE PROJECT THE CONTRACTOR SHALL PERFORM SOIL EROSION SEDIMENT CONTROL BEST PRACTICES OR AS DIRECTED BY THE OWNER TO PREVENT ILLICIT DISCHARGES FROM THE SITE.
- IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO COORDINATE WITH THE CANADIAN NATIONAL RAILWAY WHENEVER CONSTRUCTION ACTIVITY IS WITHIN 25 FEET OF THE RAILROAD ROW. THE CONTRACTOR SHALL RETAIN FLAGMEN EMPLOYED AND DESIGNATED BY THE CANADIAN NATIONAL RAILWAY TO MONITOR ON-COMING TRAIN TRAFFIC AND ADVISE CONTRACTOR PERSONNEL WHEN ACTIVITY ON OR NEAR THE RAILROAD RIGHT-OF-WAY MAY PROCEED. THIS ITEM WILL BE PAID FOR ACCORDING TO ARTICLE 107.12 AND WILL BE REIMBURSED ACCORDING TO ARTICLE 109.05.

UTILITY NOTES

- MACHINE CORE ALL CONNECTIONS TO EXISTING STRUCTURES USING A CORE DRILL. HAMMERING OR SAWING OF STRUCTURES WILL NOT BE ALLOWED.
- ALL CONNECTIONS TO EXISTING OR DISSIMILAR STORM/SANITARY LINES SHALL BE DONE WITH STAINLESS STEEL NON-SHEAR COUPLINGS.
- STONE BEDDING AND BACKFILL SHALL BE OMITTED FOR A DISTANCE OF 15 FEET UP AND DOWNSTREAM OF SEWERS DRAINING TO OR FROM PONDS OR STREAMS. THE REPLACED BEDDING SHALL BE SILTY CLAY SOIL MECHANICALLY COMPACTED TO 90% MODIFIED PROCTOR DENSITY. THE USE OF PERMEABLE SOILS WILL NOT BE PERMITTED.

DISTRICT ONE DETAILS

- BD-7 DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER
 BD-8 DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING
 BD-22 PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
 BD-32 BUTT JOINT AND HMA TAPER DETAILS
 BD-34 DETAILS FOR DEPRESSED CURB AND GUTTER AND SHOULDER TREATMENT AT TBT TY-1 SPECIAL
 TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDEROADS INTERSECTIONS AND DRIVEWAYS
 TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKINGS
 TC-14 TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
 TC-22 ARTERIAL ROAD INFORMATION

STATE STANDARDS

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
 424001-09 PERPENDICULAR CURB RAMPS FOR SIDEWALKS
 424011-03 CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
 424016-03 MID-BLOCK CURB RAMPS FOR SIDEWALKS
 424021-03 DEPRESSED CORNER FOR SIDEWALKS
 424026-01 ENTRANCE/ALLEY PEDESTRIAN CROSSINGS
 442201-03 CLASS C AND D PATCHES
 602001-02 CATCH BASIN TYPE A
 602301-04 INLET TYPE A
 602306-03 INLET TYPE B
 602401-03 MANHOLE TYPE A
 602701-02 MANHOLE STEPS
 604036-03 GRATE TYPE 8
 604051-04 FRAME AND GRATE TYPE 11
 604056-04 FRAME AND GRATE TYPE 11v
 604086-03 FRAME AND GRATE TYPE 23
 606001-06 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
 606301-04 PC CONCRETE ISLANDS AND MEDIANS
 630001-11 STEEL PLATE BEAM GUARDRAIL
 630301-07 SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
 631011-10 TRAFFIC BARRIER TERMINAL, TYPE 2
 701006-05 OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONL
 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
 701502-07 URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE
 701901-06 TRAFFIC CONTROL DEVICES
 780001-05 TYPICAL PAVEMENT MARKINGS
 781001-04 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

COMMITMENTS

SCHOOL RESTRICTIONS

NO WORK SOUTH OF WASHINGTON STREET UNTIL AFTER MEMORIAL DAY MONDAY, MAY 28, 2018

FARMER'S MARKET

EVERY WEDNESDAY FROM JUNE 1 - OCTOBER 1 CENTER STREET WILL BE CLOSED FROM 1:00 PM TO 7:00 PM

NO WORK ALLOWED ON FOLLOWING DATES

- SATURDAY JUNE 2, 2018
 SATURDAY JUNE 23, 2018
 SATURDAY JUNE 30, 2018
 SATURDAY JULY 14, 2018

NOTE:

CONSTRUCTION MEANS, METHODS AND JOBSITE SAFETY IS THE SOLE AND EXCLUSIVE RESPONSIBILITY OF THE CONTRACTOR.

| | | | | | | | | | | | |
|------------------------------|----------------------------|----------------|-----------|---|---|-------------------|-------------------------|--------|--------------|---------------------------|--|
| FILE NAME = 4990-400-dt1.dwg | USER NAME = GEORGE WHITTEN | DESIGNED - KLB | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | INDEX OF SHEETS, GENERAL NOTES, HIGHWAY STANDARDS LAKE STREET ROADWAY IMPROVEMENTS | FALI RTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| | | DRAWN - GW3 | REVISED - | | | 0195 | 15-00065-00-RS | LAKE | 80 | 2 | |
| | | CHECKED - KLB | REVISED - | | | CONTRACT #: 61E14 | | | | | |
| | | DATE - | REVISED - | | | SCALE N.T.S. | SHEET NO. - OF - SHEETS | STA. - | TO STA. - | ILLINOIS FED. AID PROJECT | |

| SUMMARY OF QUANTITIES | | | | | CONSTRUCTION CODE |
|-----------------------|--|-------|----------------|------------|-----------------------------|
| | | | | | 80% FEDERAL / 20% GRAYSLAKE |
| CODE NO. | ITEM | UNIT | TOTAL QUANTITY | URBAN 0005 | |
| 20100110 | TREE REMOVAL (6 TO 15 UNITS DIAMETER) | UNIT | 270 | 270 | |
| 20100210 | TREE REMOVAL (OVER 15 UNITS DIAMETER) | UNIT | 190 | 190 | |
| 20101000 | TEMPORARY FENCE | FOOT | 770 | 770 | |
| * 20101200 | TREE ROOT PRUNING | EACH | 15 | 15 | |
| * 20101400 | NITROGEN FERTILIZER NUTRIENT | POUND | 210 | 210 | |
| * 20101600 | POTASSIUM FERTILIZER NUTRIENT | POUND | 210 | 210 | |
| * 20101700 | SUPPLEMENTAL WATERING | UNIT | 1.0 | 1.0 | |
| 20200100 | EARTH EXCAVATION | CU YD | 760 | 760 | |
| 20800150 | TRENCH BACKFILL | CU YD | 1,044 | 1,044 | |
| 21101615 | TOPSOIL FURNISH AND PLACE, 4" | SQ YD | 10,912 | 10,912 | |
| * 25000210 | SEEDING, CLASS 2A | ACRE | 2.3 | 2.3 | |
| * 25100125 | MULCH, METHOD 3 | ACRE | 2.3 | 2.3 | |
| 28000305 | TEMPORARY DITCH CHECKS | FOOT | 400 | 400 | |
| 28000400 | PERMETER EROSION BARRIER | FOOT | 620 | 620 | |
| 28000500 | INLET AND PIPE PROTECTION | EACH | 105 | 105 | |
| 35101800 | AGGREGATE BASE COURSE, TYPE B 6" | SQ YD | 789 | 789 | |
| 35102400 | AGGREGATE BASE COURSE, TYPE B 12" | SQ YD | 1,132 | 1,132 | |
| 35300300 | PORTLAND CEMENT CONCRETE BASE COURSE 8" | SQ YD | 640 | 640 | |
| 40600290 | BITUMINOUS MATERIALS (TACK COAT) | POUND | 22,212 | 22,212 | |
| 40600827 | POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 | TON | 1,327 | 1,327 | |
| 40600982 | HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT | SQ YD | 260 | 260 | |
| 40603080 | HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 | TON | 138 | 138 | |
| 40603335 | HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 | TON | 3,511 | 3,511 | |
| 42001300 | PROTECTIVE COAT | SQ YD | 2,029 | 2,029 | |
| 42400200 | PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH | SQ FT | 6,280 | 6,280 | |
| 42400800 | DETECTABLE WARNINGS | SQ FT | 580 | 580 | |
| 44000100 | PAVEMENT REMOVAL | SQ YD | 2,398 | 2,398 | |
| 44000159 | HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" | SQ YD | 32,907 | 32,907 | |

| SUMMARY OF QUANTITIES | | | | | CONSTRUCTION CODE |
|-----------------------|---|-------|----------------|------------|-----------------------------|
| | | | | | 80% FEDERAL / 20% GRAYSLAKE |
| CODE NO. | ITEM | UNIT | TOTAL QUANTITY | URBAN 0005 | |
| 44000200 | DRIVEWAY PAVEMENT REMOVAL | SQ YD | 25 | 25 | |
| 44000500 | COMBINATION CURB AND GUTTER REMOVAL | FOOT | 3,100 | 3,100 | |
| 44000600 | SIDEWALK REMOVAL | SQ FT | 6,000 | 6,000 | |
| 44201765 | CLASS D PATCHES, TYPE II, 10 INCH | SQ YD | 660 | 660 | |
| 44201769 | CLASS D PATCHES, TYPE III, 10 INCH | SQ YD | 990 | 990 | |
| 44300200 | STRIP REFLECTIVE CRACK CONTROL TREATMENT | FOOT | 5,740 | 5,740 | |
| 48203021 | HOT-MX ASPHALT SHOULDERS, 6" | SQ YD | 175 | 175 | |
| 550A0340 | STORM SEWERS, CLASS A, TYPE 2 12" | FOOT | 2,050 | 2,050 | |
| SP 56109210 | WATER VALVES TO BE ADJUSTED | EACH | 2 | 2 | |
| 60201105 | CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE | EACH | 3 | 3 | |
| 60201110 | CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE | EACH | 3 | 3 | |
| 60219000 | MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE | EACH | 3 | 3 | |
| 60219300 | MANHOLES, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE | EACH | 2 | 2 | |
| 60236200 | INLETS, TYPE A, TYPE 8 GRATE | EACH | 3 | 3 | |
| 60236800 | INLETS, TYPE A, TYPE 11 FRAME AND GRATE | EACH | 6 | 6 | |
| 60236825 | INLETS, TYPE A, TYPE 11V FRAME AND GRATE | EACH | 10 | 10 | |
| 60240310 | INLETS, TYPE B, TYPE 11 FRAME AND GRATE | EACH | 3 | 3 | |
| 60240312 | INLETS, TYPE B, TYPE 11V FRAME AND GRATE | EACH | 8 | 8 | |
| 60240327 | INLETS, TYPE B, TYPE 23 FRAME AND GRATE | EACH | 1 | 1 | |
| 60300305 | FRAMES AND LIDS TO BE ADJUSTED | EACH | 30 | 30 | |
| SP 60300405 | VALVE BOX FRAMES TO BE ADJUSTED | EACH | 4 | 4 | |
| 60603800 | COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 | FOOT | 7,566 | 7,566 | |
| 60608300 | COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12 | FOOT | 350 | 350 | |
| 60608562 | COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12 | FOOT | 150 | 150 | |
| SP 60618320 | CONCRETE MEDIAN SURFACE, 6 INCH | SQ FT | 2,567 | 2,567 | |
| 60619600 | CONCRETE MEDIAN, TYPE SB-6.12 | SQ FT | 240 | 240 | |
| * 63000001 | STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS | FOOT | 350 | 350 | |
| * 63100045 | TRAFFIC BARRIER TERMINAL, TYPE 2 | EACH | 1 | 1 | |

FILE NAME = 4990-400-dt1.dwg
 USER NAME = GEORGE WHITTEN
 PLOT SCALE = 1" = .0833"
 PLOT DATE = 9/13/2017 1:55 PM

| | |
|----------------|-----------|
| DESIGNED - KLB | REVISED - |
| DRAWN - GW3 | REVISED - |
| CHECKED - KLB | REVISED - |
| DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
LAKE STREET ROADWAY IMPROVEMENTS**

SCALE N.T.S. SHEET NO. - OF - SHEETS STA. - TO STA. -

| | | | | |
|------------------|------------------------|-------------|---------------------------|-------------|
| FAU. RTE. 0195 | SECTION 15-00065-00-RS | COUNTY LAKE | TOTAL SHEETS 80 | SHEET NO. 3 |
| CONTRACT # 61E14 | | | ILLINOIS FED. AID PROJECT | |

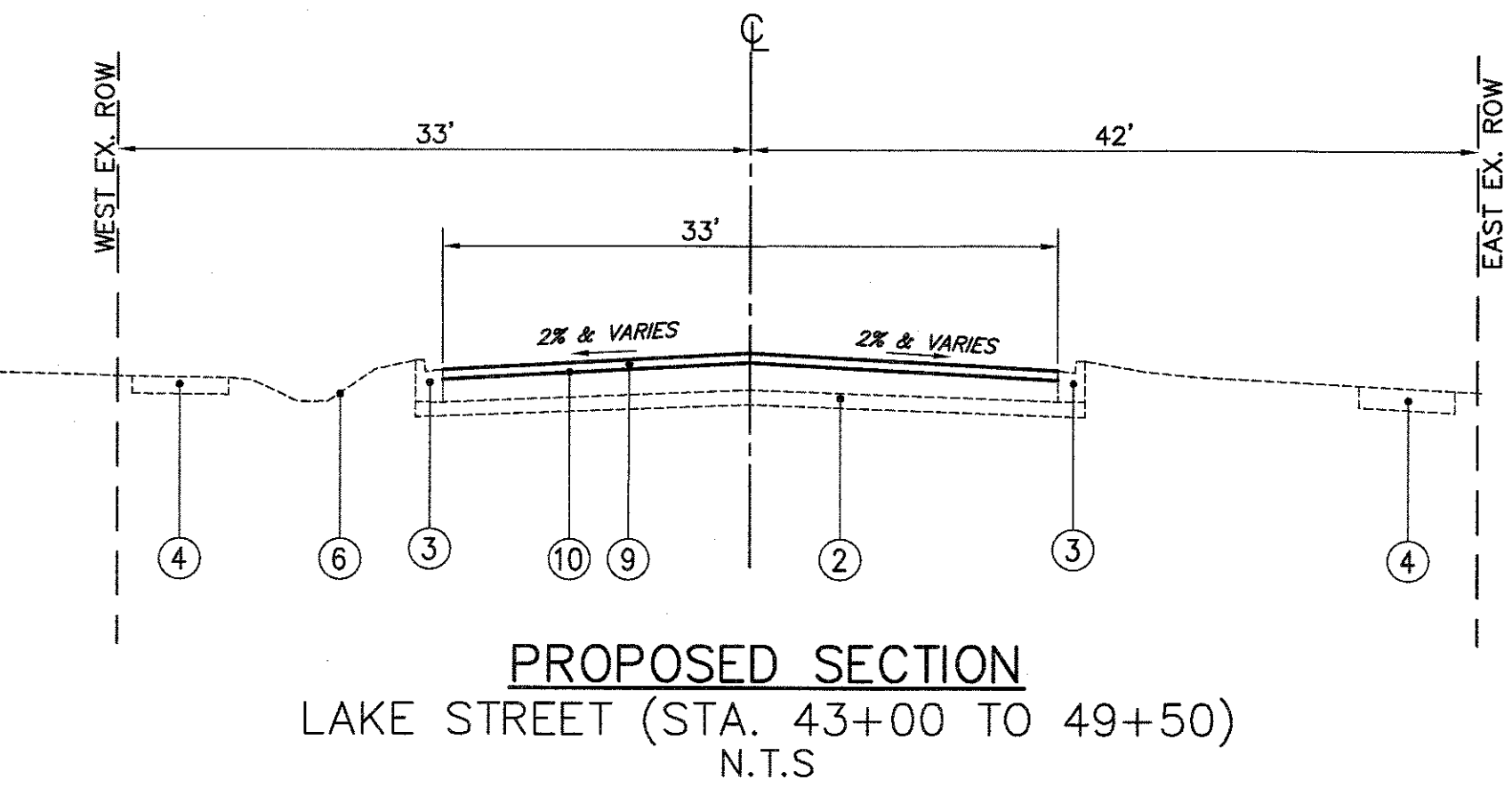
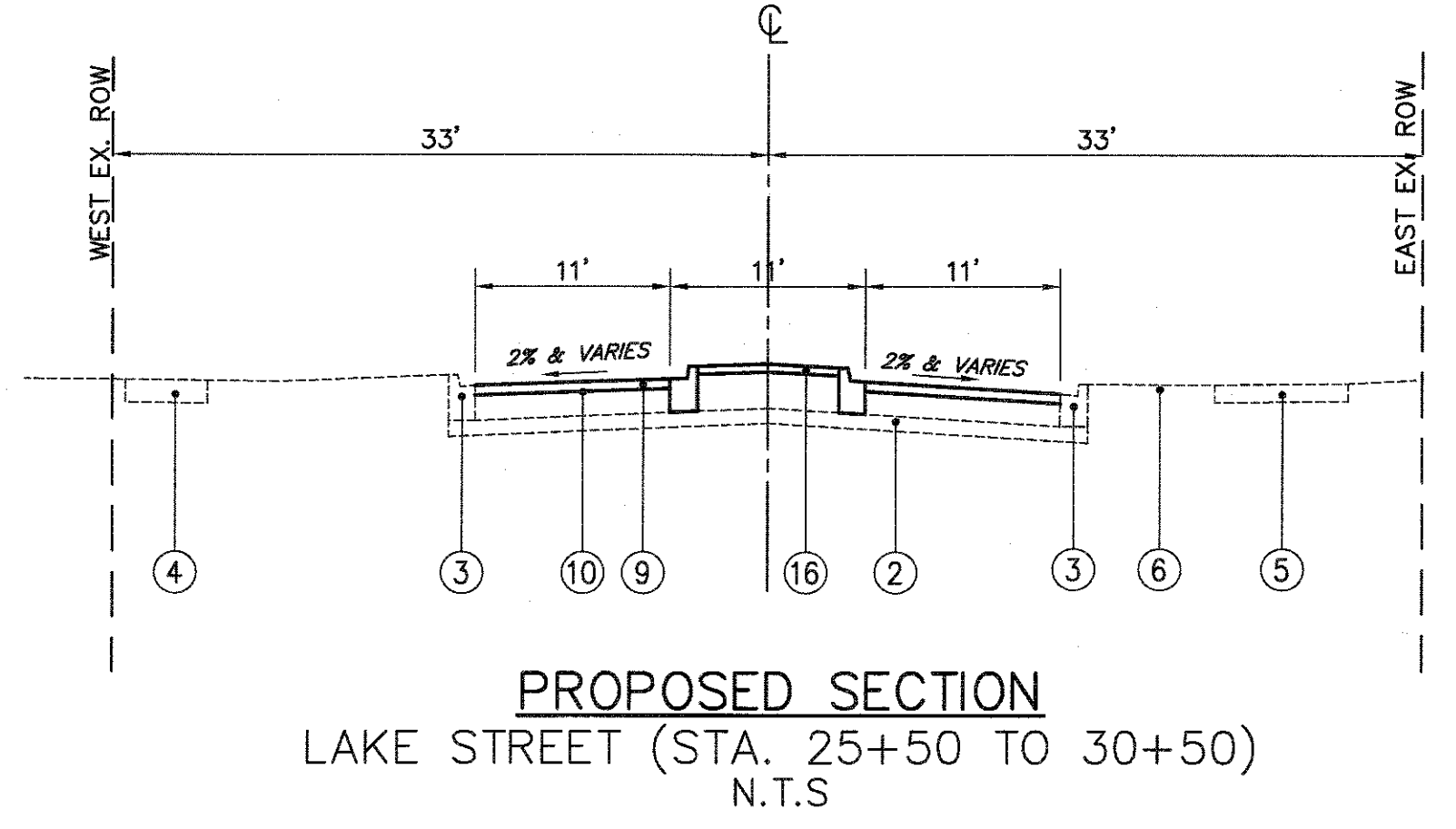
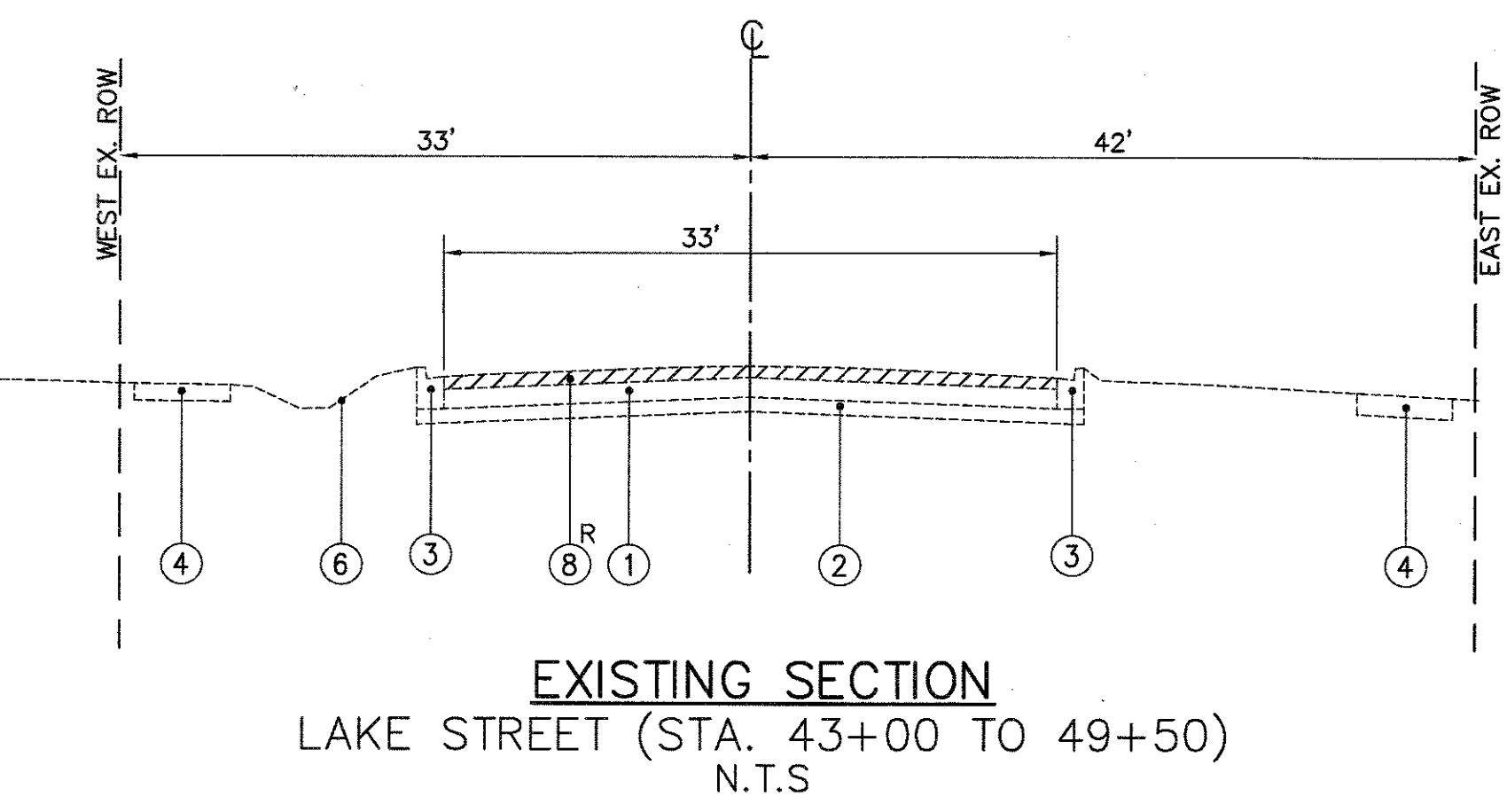
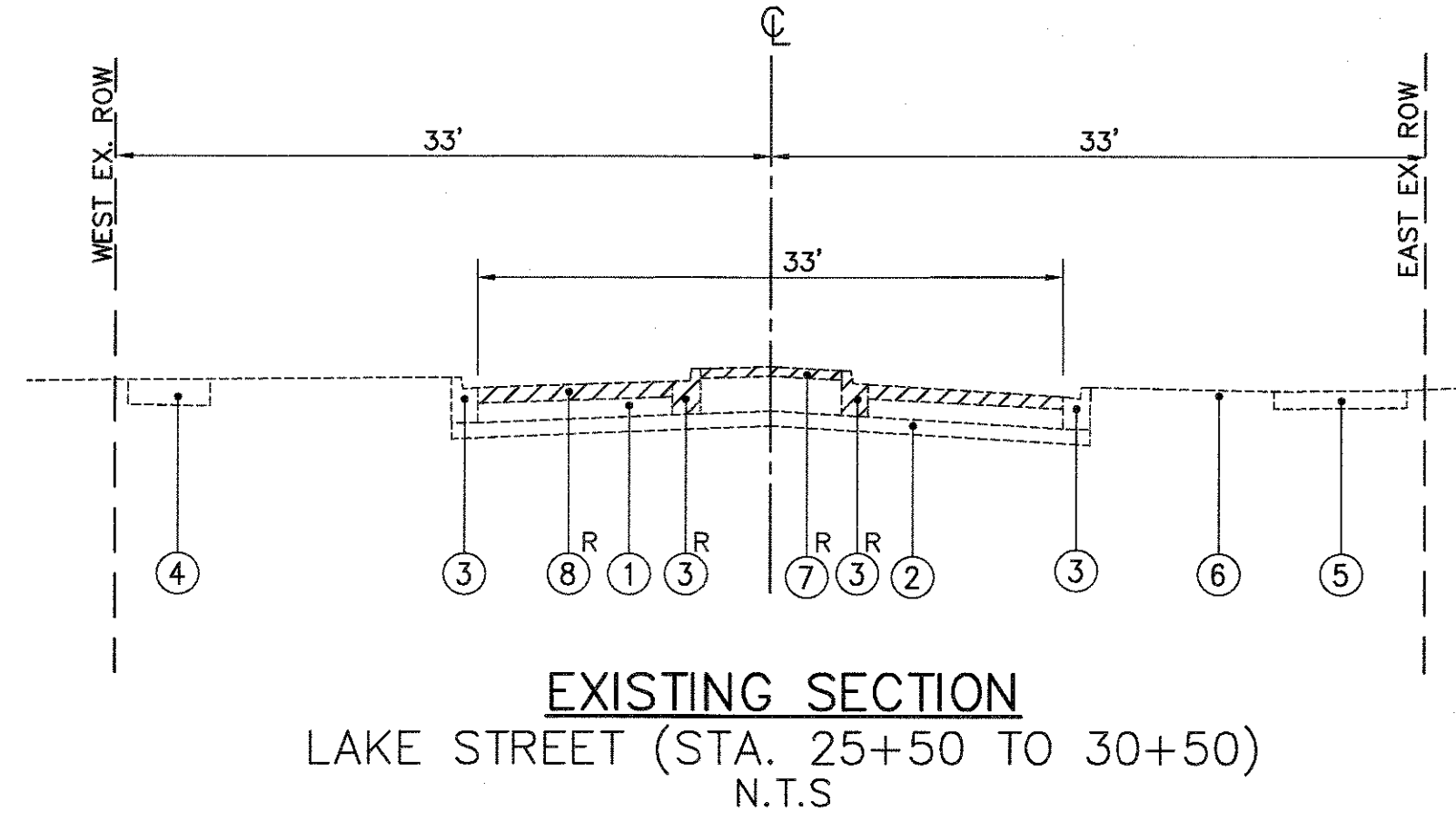
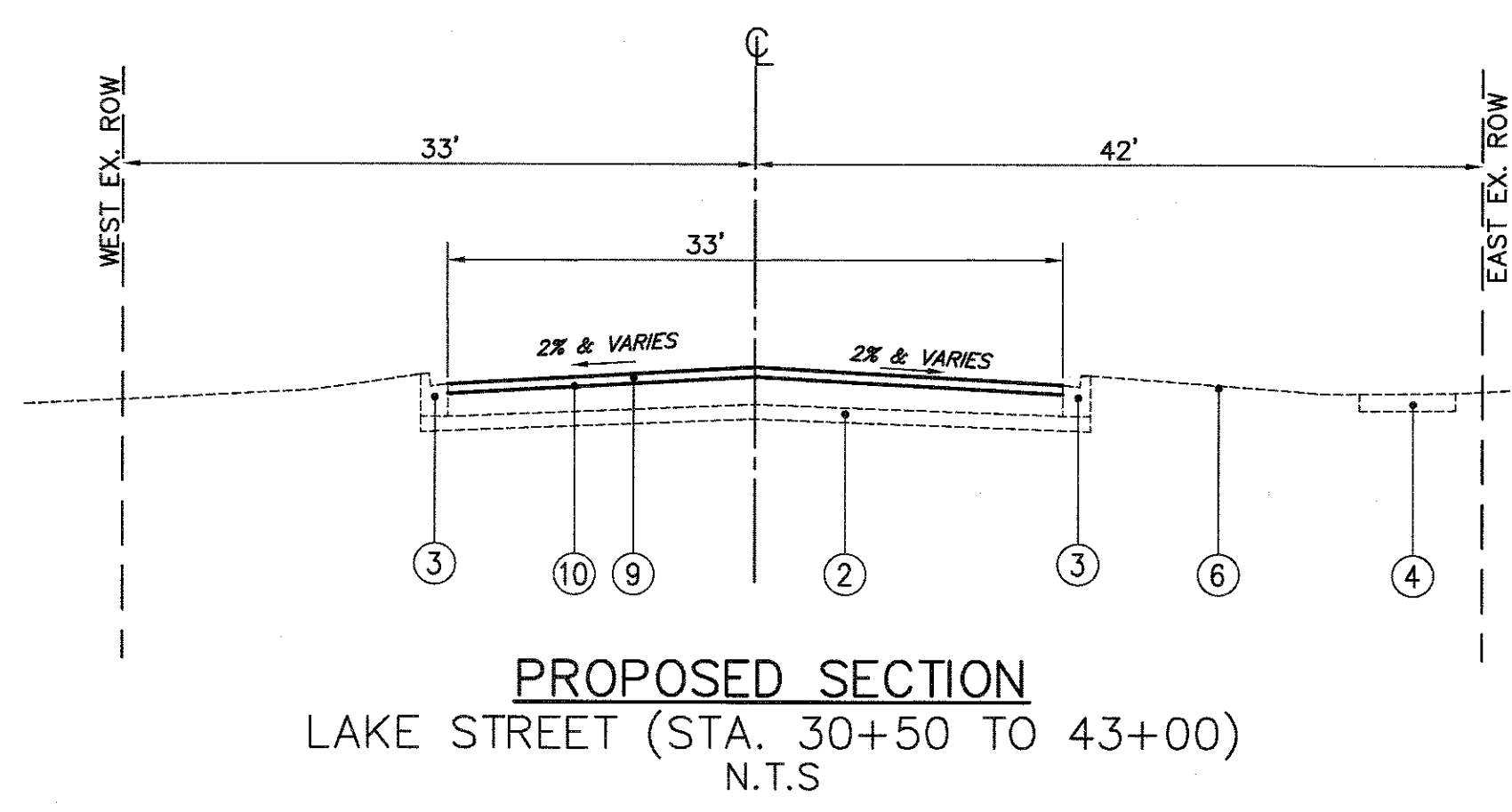
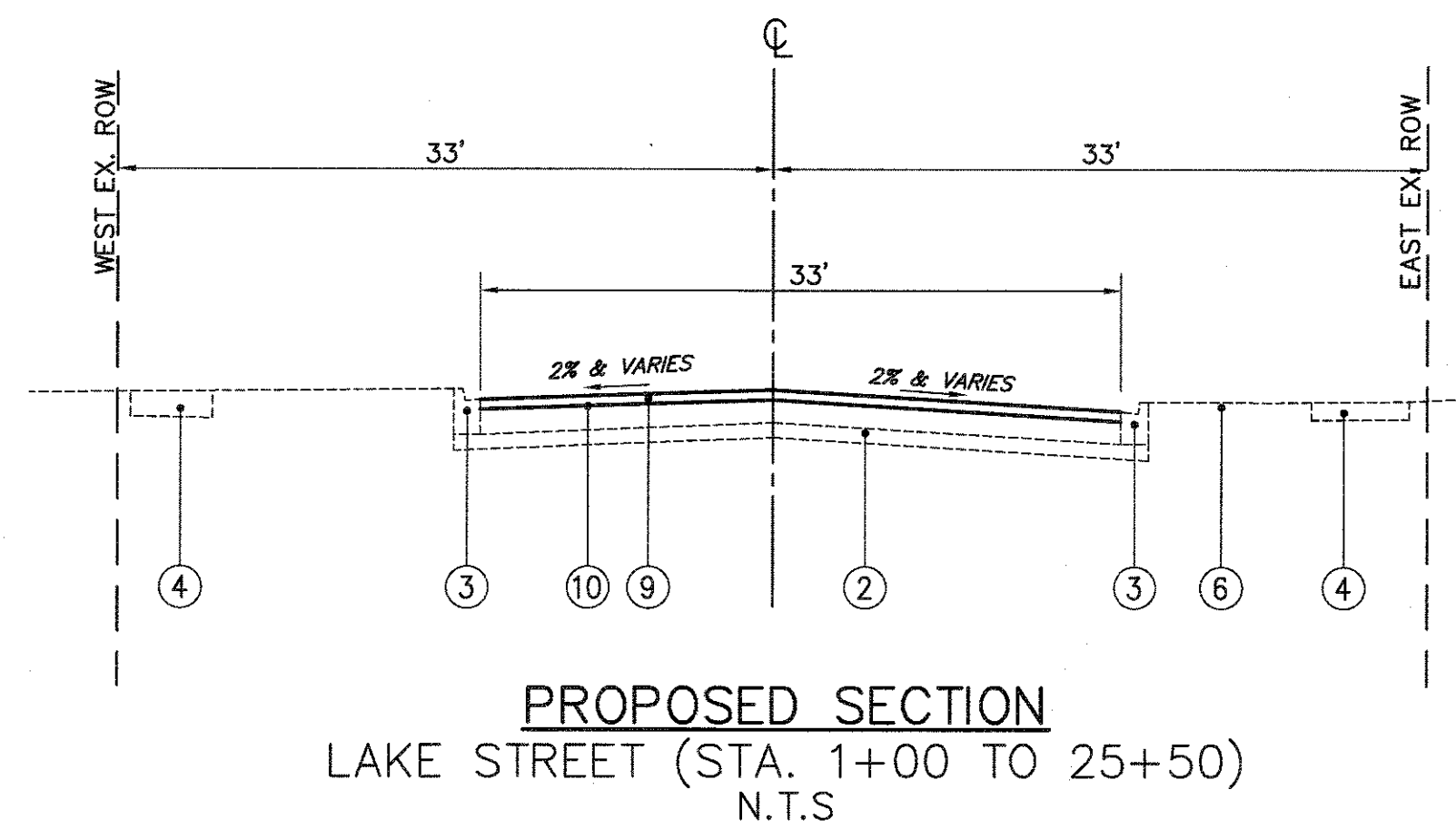
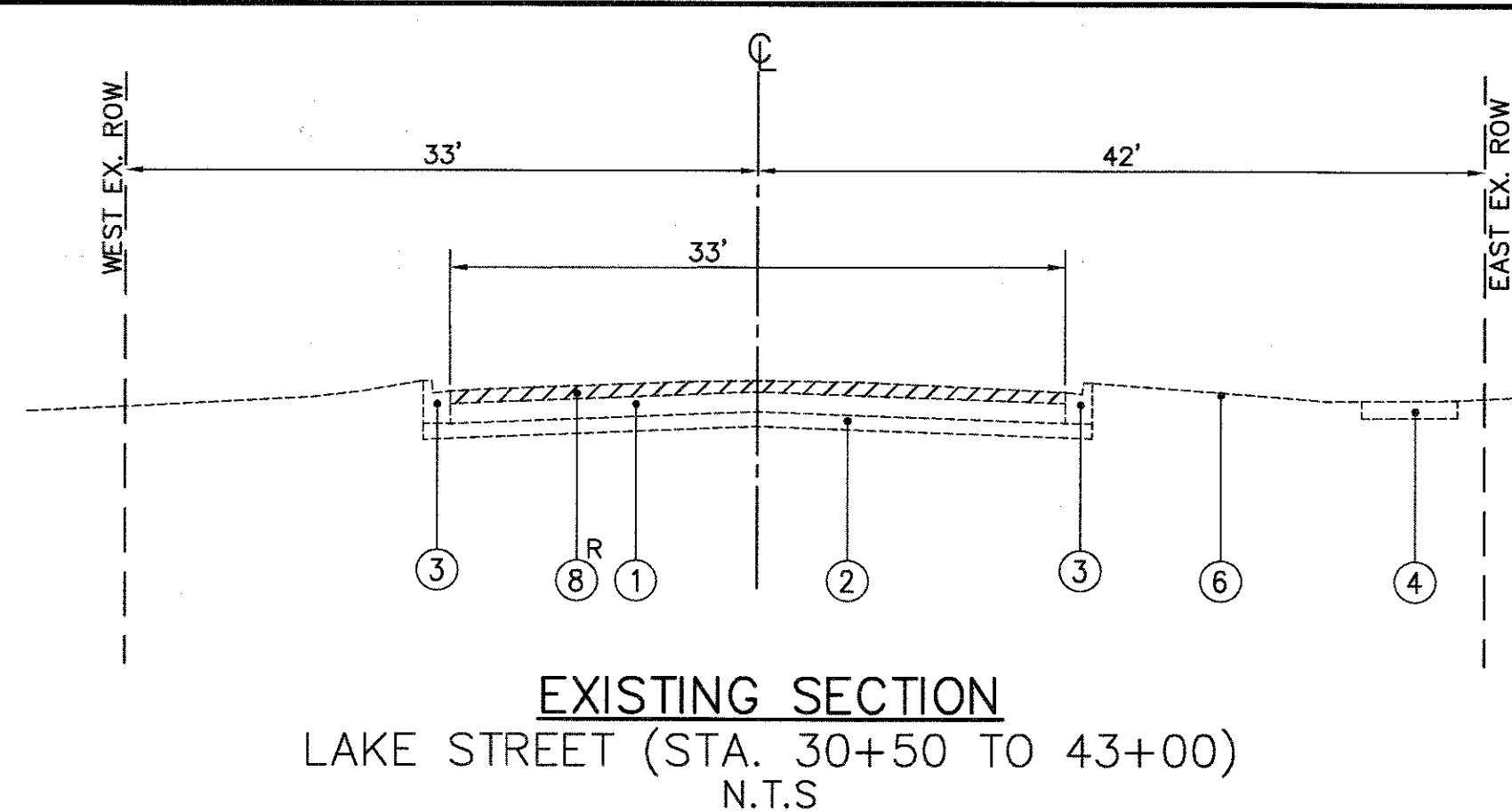
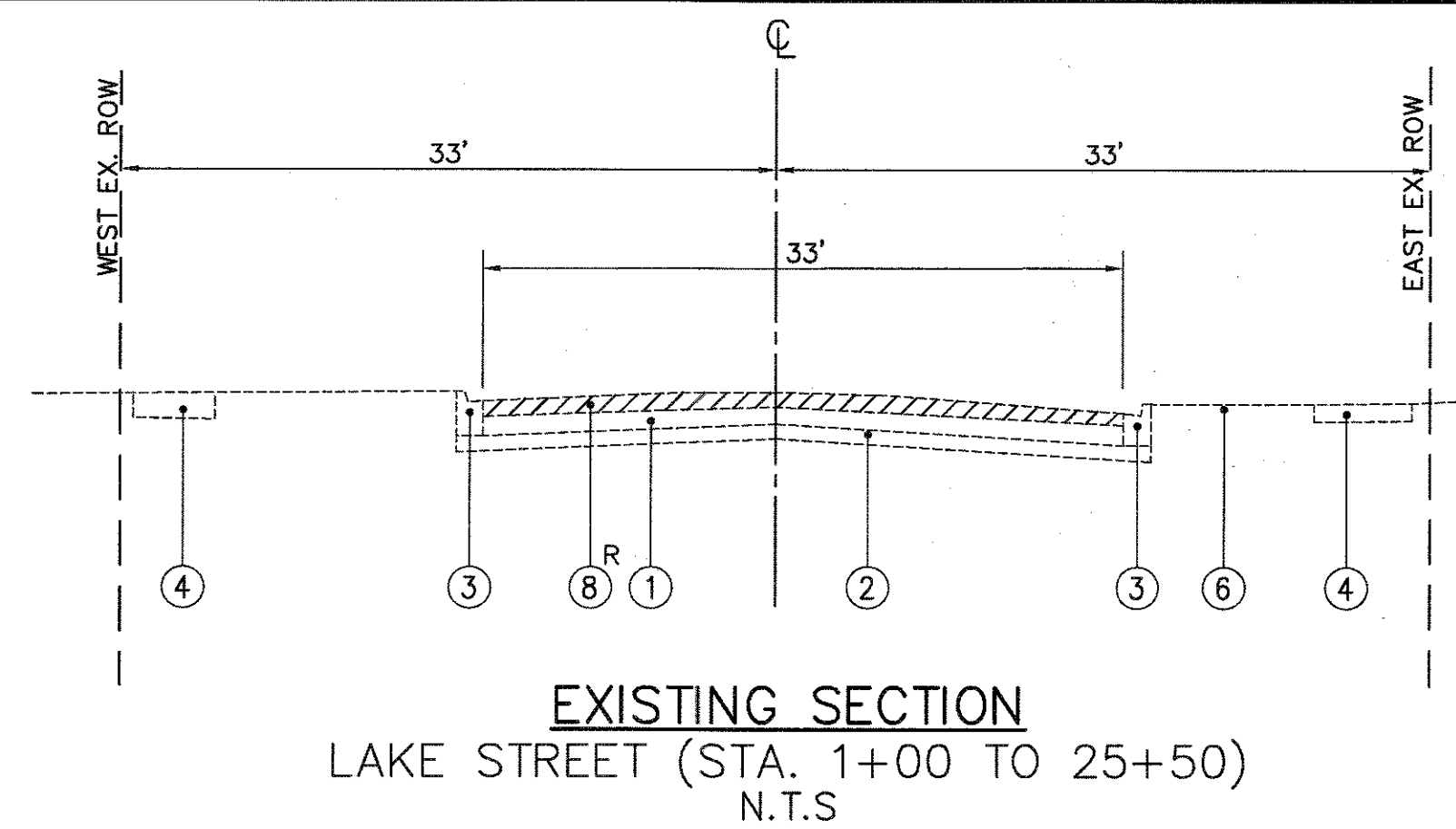
| SUMMARY OF QUANTITIES | | | | | CONSTRUCTION CODE | |
|-----------------------|----------|--|-------|----------------|-----------------------------|--|
| | | | | | 80% FEDERAL / 20% GRAYSLAKE | |
| | CODE NO. | ITEM | UNIT | TOTAL QUANTITY | URBAN 0005 | |
| * | 63100167 | TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT | EACH | 1 | 1 | |
| * | 63200310 | GUARDRAIL REMOVAL | FOOT | 588 | 588 | |
| * | 66900200 | NON SPECIAL WASTE DISPOSAL | CU YD | 10 | 10 | |
| * | 66900450 | SPECIAL WASTE PLANS AND REPORTS | LSUM | 1 | 1 | |
| * | 66900530 | SOIL WASTE ANALYSIS | EACH | 2 | 2 | |
| | 67100100 | MOBILIZATION | LSUM | 1 | 1 | |
| | 70300100 | SHORT TERM PAVEMENT MARKING | FOOT | 1,440 | 1,440 | |
| | 70300150 | SHORT TERM PAVEMENT MARKING REMOVAL | SQ FT | 480 | 480 | |
| | 70300210 | TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS | SQ FT | 1,100 | 1,100 | |
| | 70300220 | TEMPORARY PAVEMENT MARKING - LINE 4" | FOOT | 20,793 | 20,793 | |
| | 70300280 | TEMPORARY PAVEMENT MARKING - LINE 24" | FOOT | 420 | 420 | |
| * | 78000100 | THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS | SQ FT | 1,100 | 1,100 | |
| * | 78000200 | THERMOPLASTIC PAVEMENT MARKING - LINE 4" | FOOT | 20,793 | 20,793 | |
| * | 78000400 | THERMOPLASTIC PAVEMENT MARKING - LINE 6" | FOOT | 4,125 | 4,125 | |
| * | 78000600 | THERMOPLASTIC PAVEMENT MARKING - LINE 12" | FOOT | 3,495 | 3,495 | |
| * | 78000650 | THERMOPLASTIC PAVEMENT MARKING LINE 24" | FOOT | 420 | 420 | |
| * | 78100100 | RAISED REFLECTIVE PAVEMENT MARKER | EACH | 244 | 244 | |
| * | 78300200 | RAISED REFLECTIVE PAVEMENT MARKER REMOVAL | EACH | 230 | 230 | |
| SP * | 85000200 | MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION | EACH | 1 | 1 | |
| SP * | 88600600 | DETECTOR LOOP REPLACEMENT | FOOT | 1,866 | 1,866 | |
| SP * | 89502376 | REBUILD EXISTING HANDHOLE | EACH | 2 | 2 | |
| SP | Z0013798 | CONSTRUCTION LAYOUT | LSUM | 1 | 1 | |
| SP | Z0030850 | TEMPORARY INFORMATION SIGNING | SQ FT | 128 | 128 | |
| SP | Z0048665 | RAILROAD PROTECTIVE LIABILITY INSURANCE | LSUM | 1 | 1 | |
| SP | Z0051500 | REMOVING AND RESETTING STREET SIGNS | EACH | 12 | 12 | |
| SP ** | Z0076600 | TRAINEES | HOUR | 500 | 500 | |
| SP ** | Z0076604 | TRAINEES TRAINING PROGRAM GRADUATE | HOUR | 500 | 500 | |

| SUMMARY OF QUANTITIES | | | | | CONSTRUCTION CODE | |
|-----------------------|----------|--|--------|----------------|-----------------------------|--|
| | | | | | 80% FEDERAL / 20% GRAYSLAKE | |
| | CODE NO. | ITEM | UNIT | TOTAL QUANTITY | URBAN 0005 | |
| * | A2002916 | TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY) 2" CALIPER, BALLED AND BURLAPPED | EACH | 5 | 5 | |
| * | A2007816 | TREE, TILIA AMERICANA (AMERICAN LINDEN/BASSWOOD) 2" CALIPER, BALLED AND BURLAPPED | EACH | 7 | 7 | |
| * | B2001620 | TREE, CRATAEGUS CRUSGALLI INERMIS (THORN LESS COCKSPUR HAWTHORN), 2-1/2" CALIPER TREE FORM, BALLED AND BURLAPPED | EACH | 10 | 10 | |
| * | B2003220 | TREE, MALUS DAVID (DAVID CRABAPPLE) 2 1/2" CALIPER, TREE FORM, BALLED AND BURLAPPED | EACH | 6 | 6 | |
| * | C2010924 | SHRUB, SYRINGA MEYERI PALIBIN (DWARF KOREAN LILAC), 2' HEIGHT, BALLED AND BURLAPPED | EACH | 5 | 5 | |
| SP | X0326657 | RELOCATE SIGN, SPECIAL | EACH | 1 | 1 | |
| SP | X2010510 | CLEARING AND GRUBBING | LSUM | 1 | 1 | |
| SP | X4402020 | CONCRETE MEDIAN SURFACE REMOVAL | SQ FT | 1,340 | 1,340 | |
| SP | X4403300 | CONCRETE MEDIAN REMOVAL | SQ FT | 128 | 128 | |
| SP | X6022040 | MANHOLES, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE | EACH | 3 | 3 | |
| SP | X6700410 | ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL) | CAL MO | 6 | 6 | |
| SP | X7010216 | TRAFFIC CONTROL AND PROTECTION, (SPECIAL) | LSUM | 1 | 1 | |
| SP | XX008257 | STAMPED COLORED PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH | SQ FT | 20 | 20 | |

SP - SPECIAL PROVISION * SPECIALTY ITEM ** 0042

TYPICAL CROSS SECTION LEGEND

- | | |
|----------------|--|
| NO. | DESCRIPTION |
| ① | EXISTING HMA PAVEMENT, 10"± |
| ② | EXISTING AGGREGATE SUBBASE |
| ③ | EXISTING COMBINATION CURB & GUTTER |
| ④ | EXISTING PCC SIDEWALK |
| ⑤ | EXISTING HMA PATH |
| ⑥ | EXISTING GROUND |
| ⑦ | PROPOSED CONCRETE MEDIAN SURFACE REMOVAL, (4"±) |
| ⑧ | PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2.5" |
| ⑨ | PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50, 1.75" |
| ⑩ | PROPOSED POLYMERIZED LEVEL BINDER (MACHINE METHOD), IL-4.75, N50, 0.75" |
| ⑪ | PROPOSED AGGREGATE BASE COURSE, TYPE B, 12" |
| ⑫ | PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 |
| ⑬ | PROPOSED RESTORATION (TOPSOIL, FURNISH AND PLACE 4"/SEEDING CLASS 2A, MULCH, METHOD 3 AND NUTRIENTS) |
| ⑭ | PROPOSED PCC SIDEWALK, 5" |
| ⑮ | PROPOSED HMA PATH (HMA SURFACE COURSE, MIX D, N50, 3") |
| ⑯ | CONCRETE MEDIAN SURFACE, 6" |
| ⑰ | SAW CUTS |
| ⑱ | PROPOSED AGGREGATE BASE COURSE, TYPE B, 6" |
| ⑲ | PCC BASE COURSE, 8" |
| ⑳ | STRIP REFLECTIVE CRACK CONTROL TREATMENT |
| ⓧ ^R | ITEM TO BE REMOVED |



| HOT-MIX ASPHALT MIXTURE REQUIREMENTS | |
|--|------------------|
| MIXTURE TYPE | AIR VOIDS @ Ndes |
| PAVEMENT RESURFACING | |
| HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm), | 4% @ 50 GYR |
| POLYMERIZED LEVEL BINDER (MACHINE METHOD), IL-4.75, N50 | 3.5% @ 50 GYR |
| HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 | 4% @ 50 GYR |
| HMA PATH | |
| HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm), 3" | 4% @ 50 GYR |
| PATCHING | |
| CLASS D PATCHES (HMA BINDER IL 19 mm), 10" | 4% @ 70 GYR |

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ.YD./IN.
THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.
FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

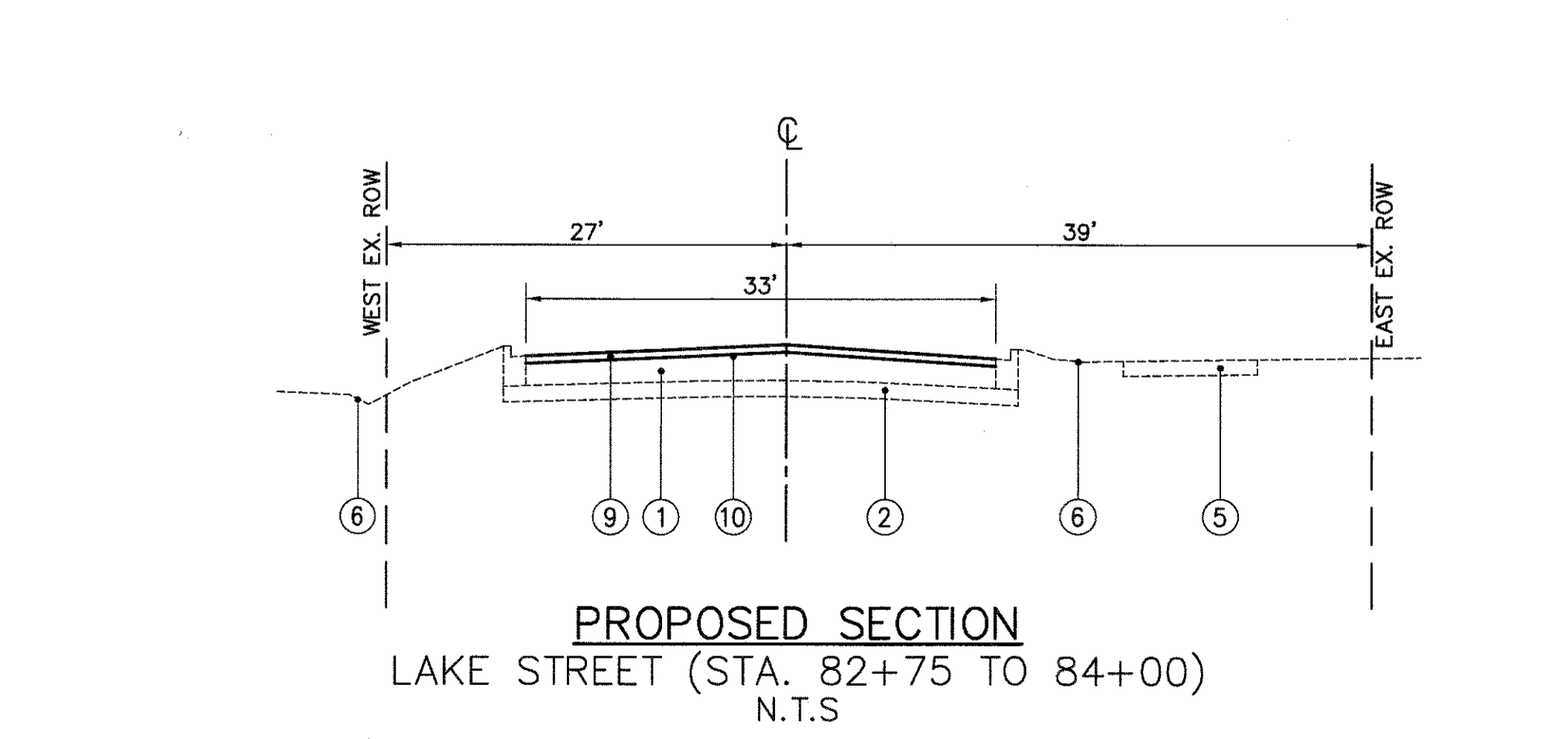
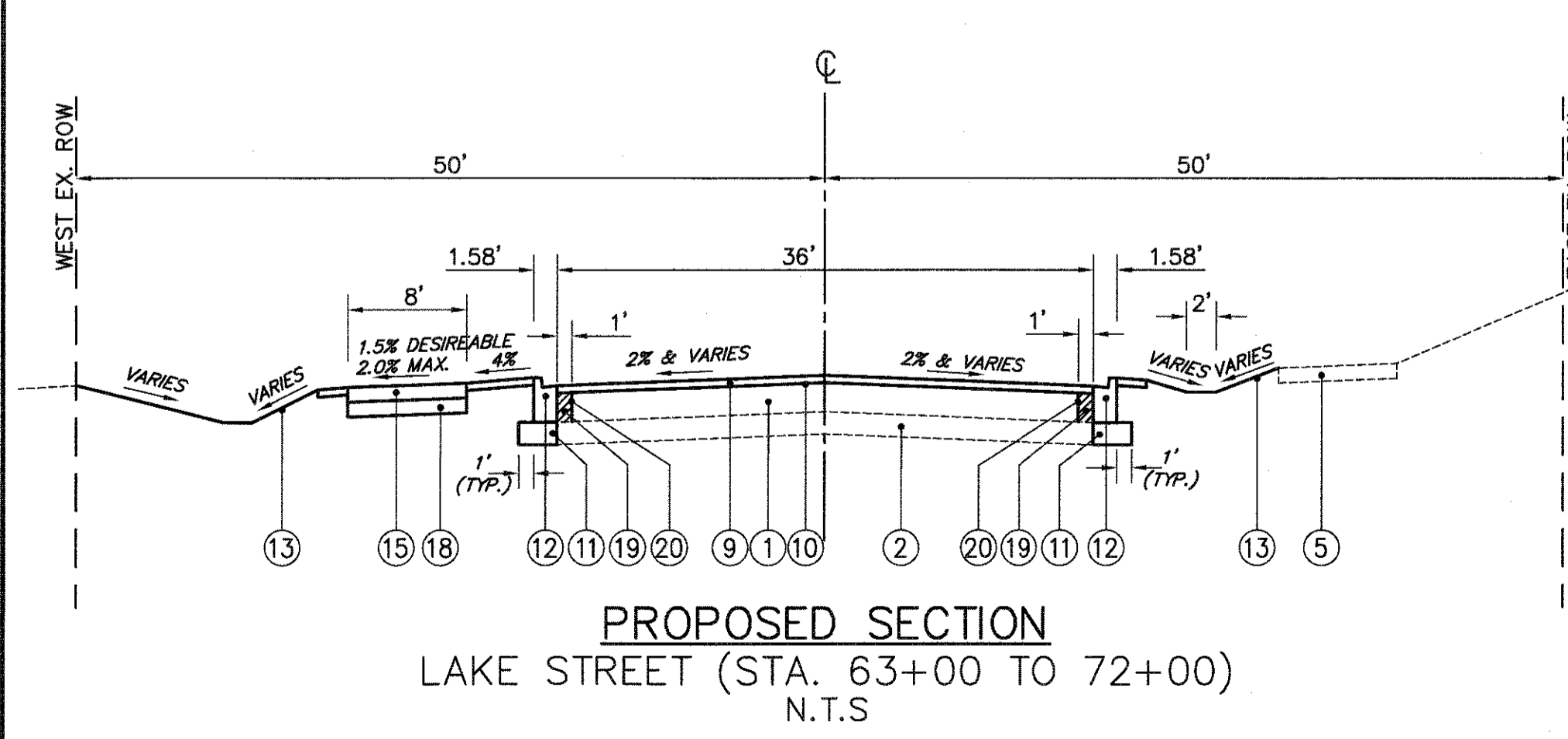
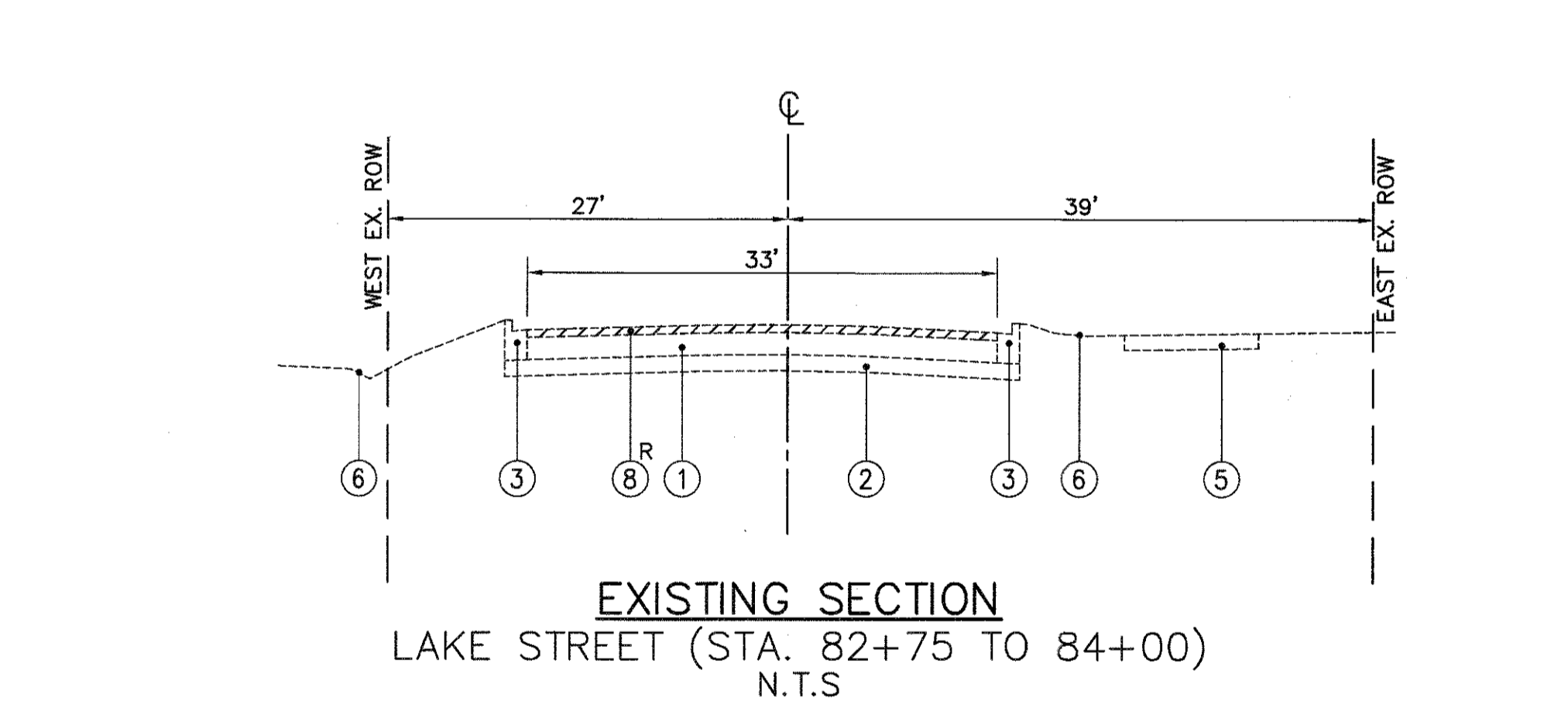
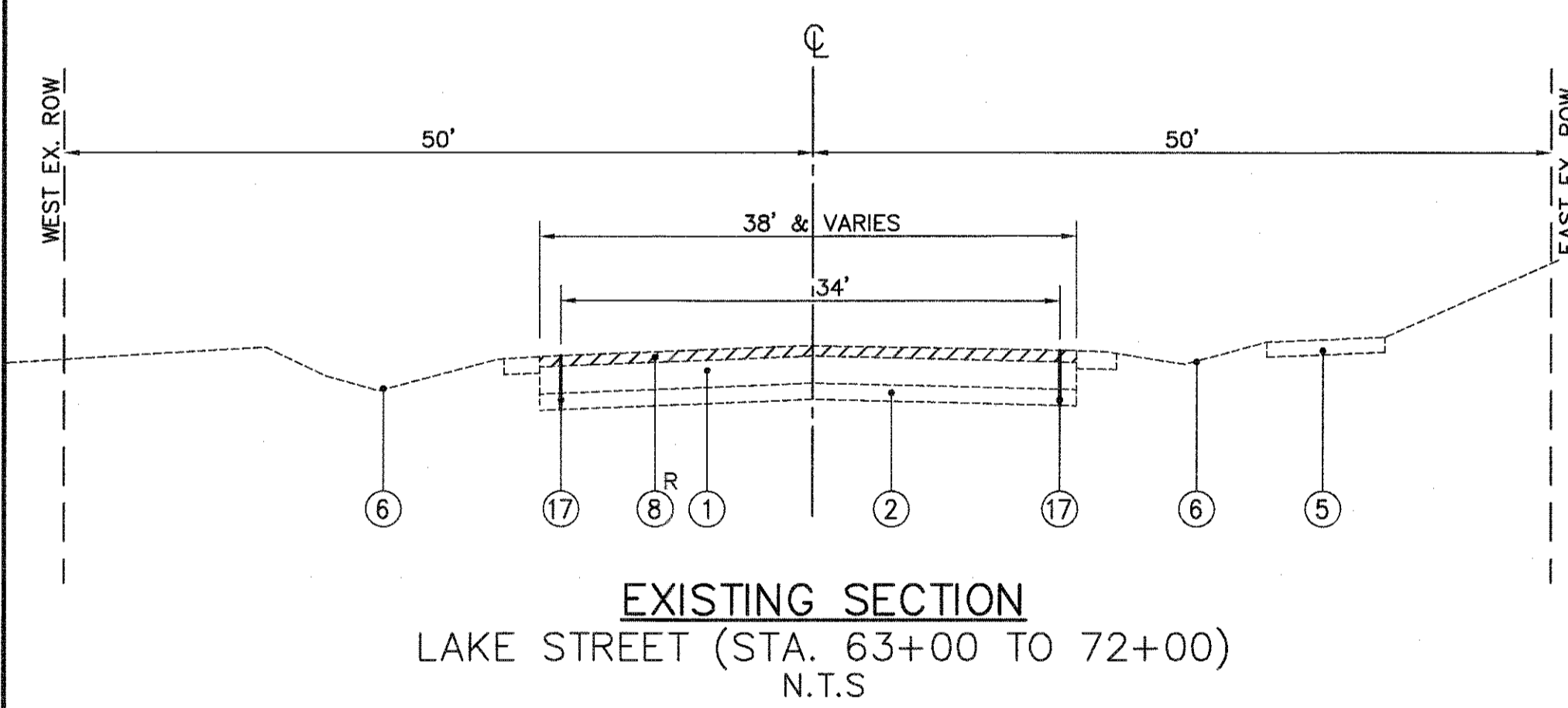
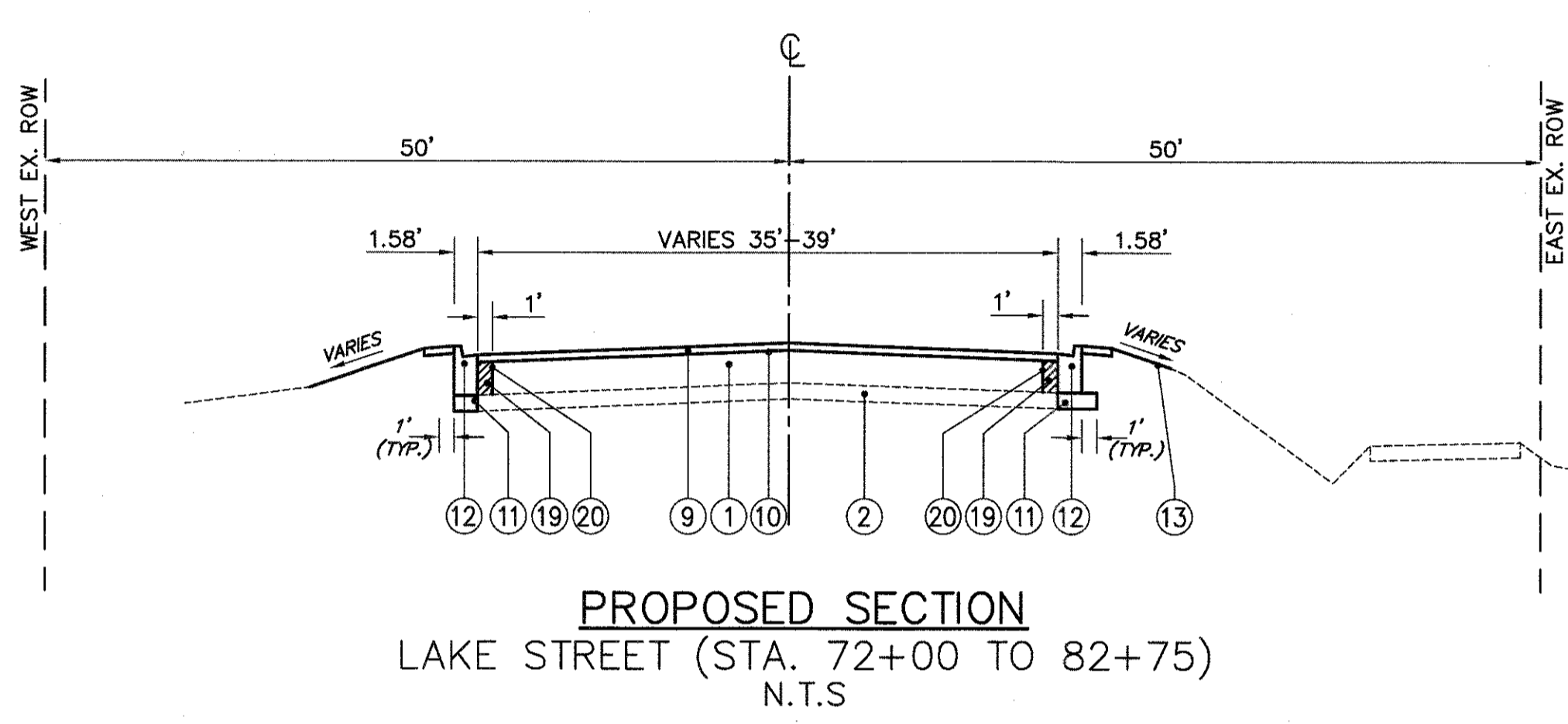
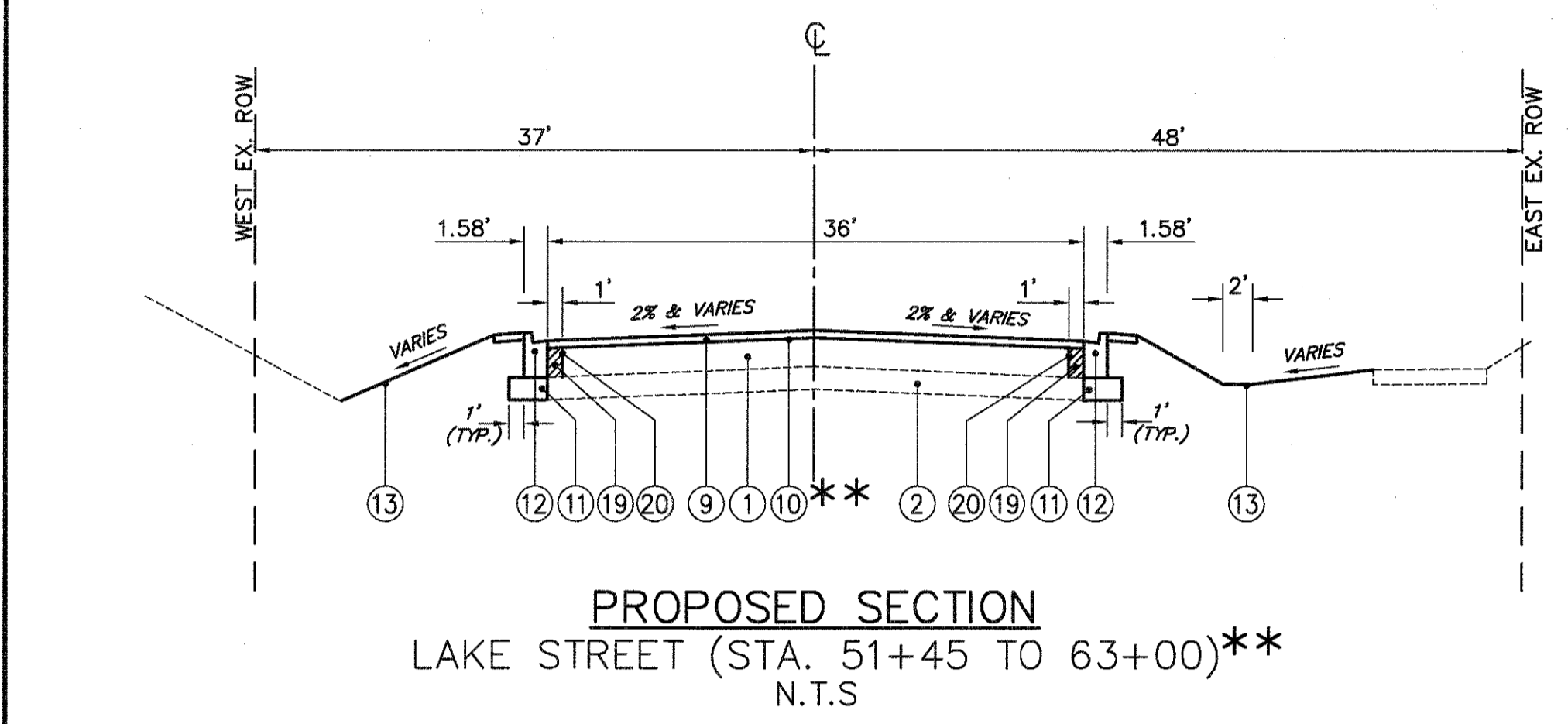
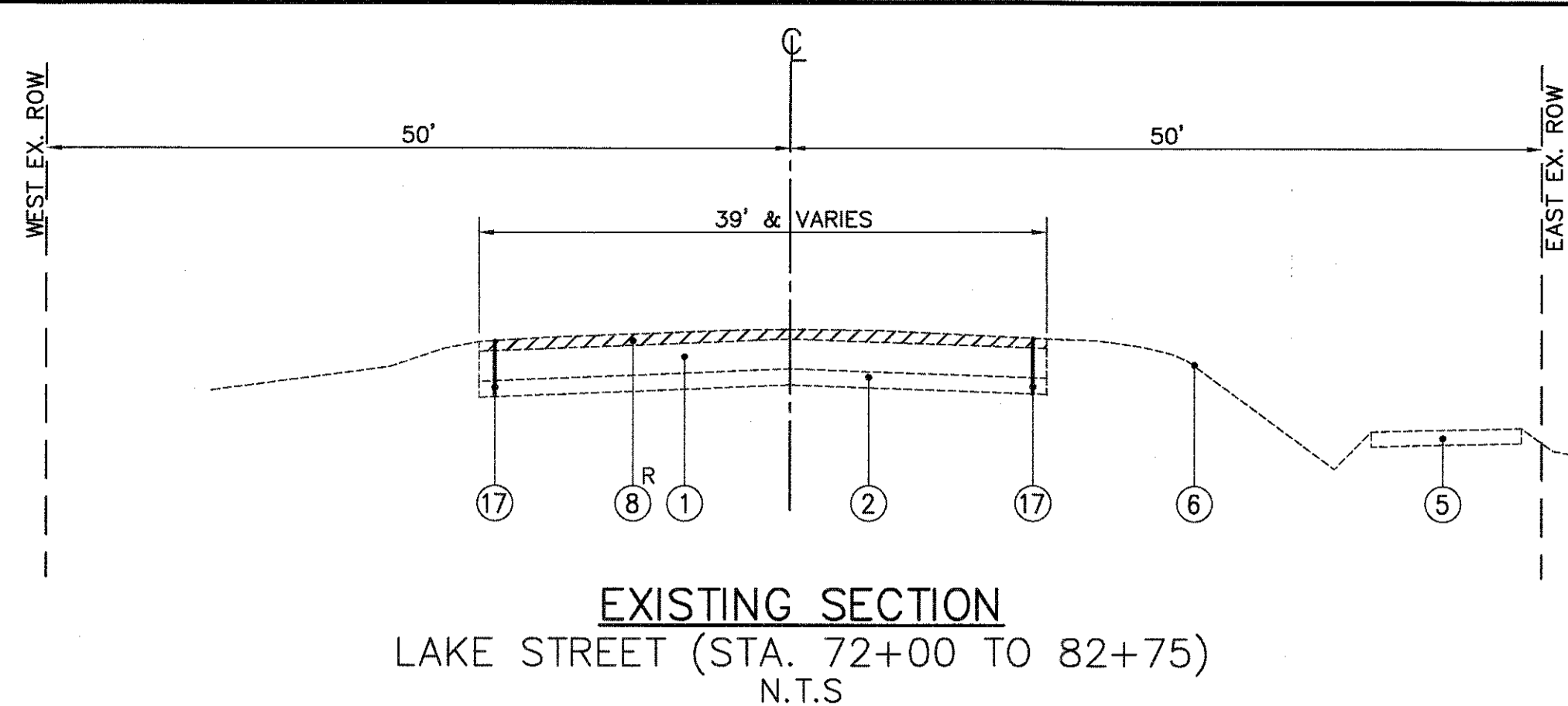
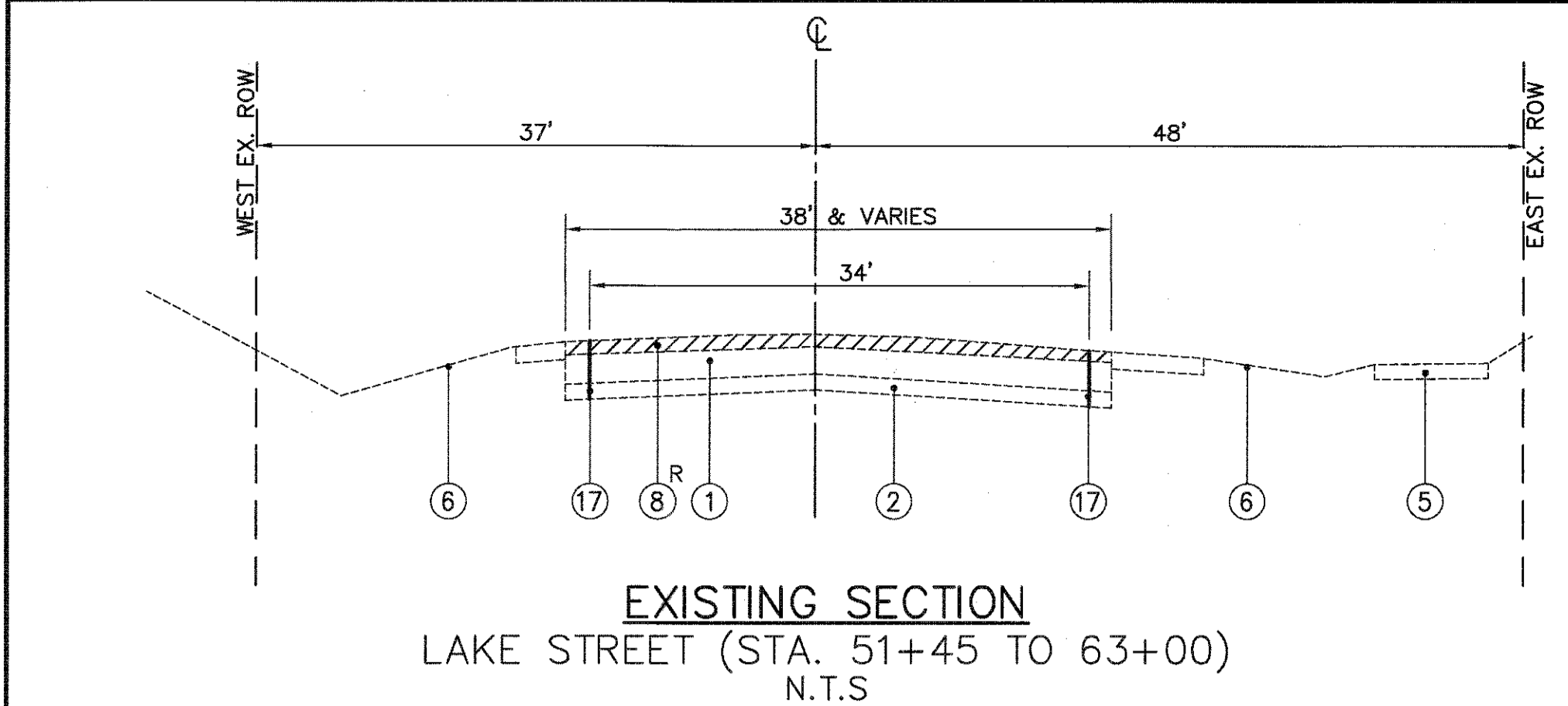
TYPICAL CROSS SECTION LEGEND

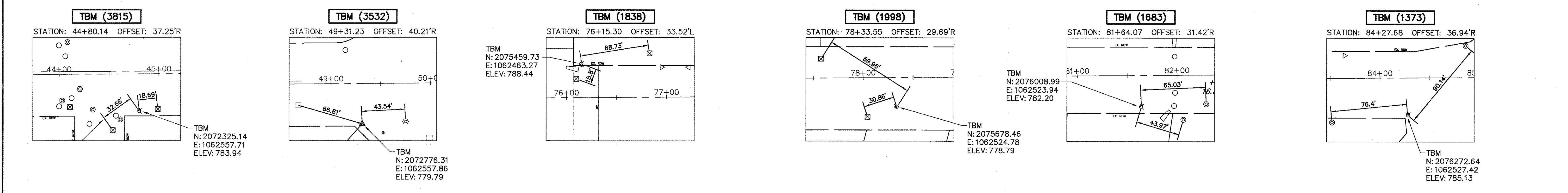
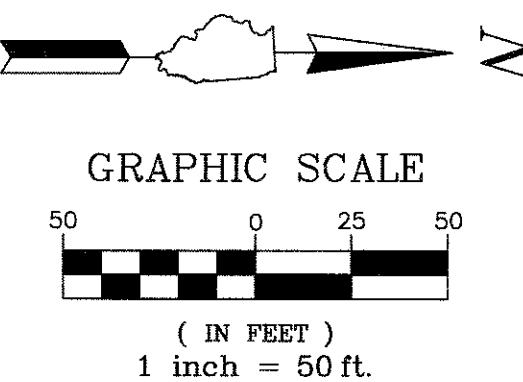
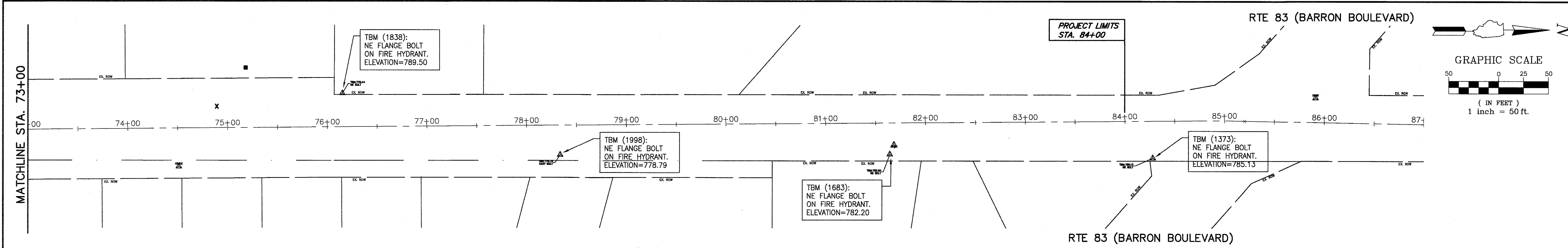
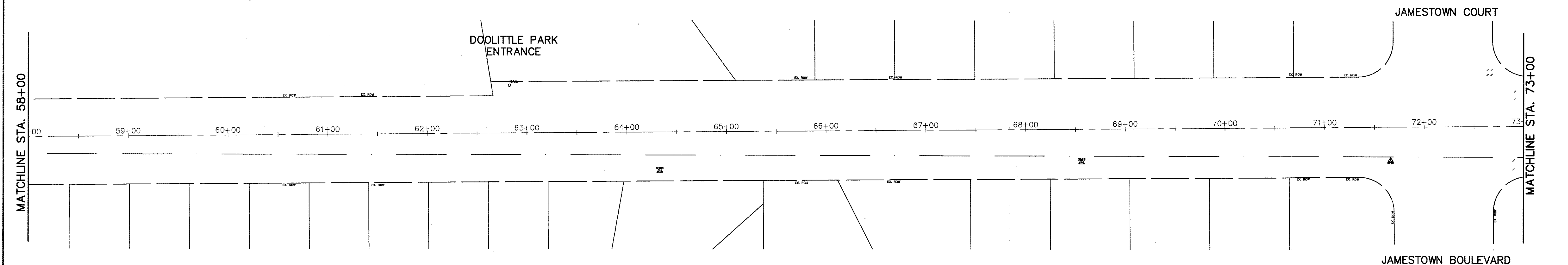
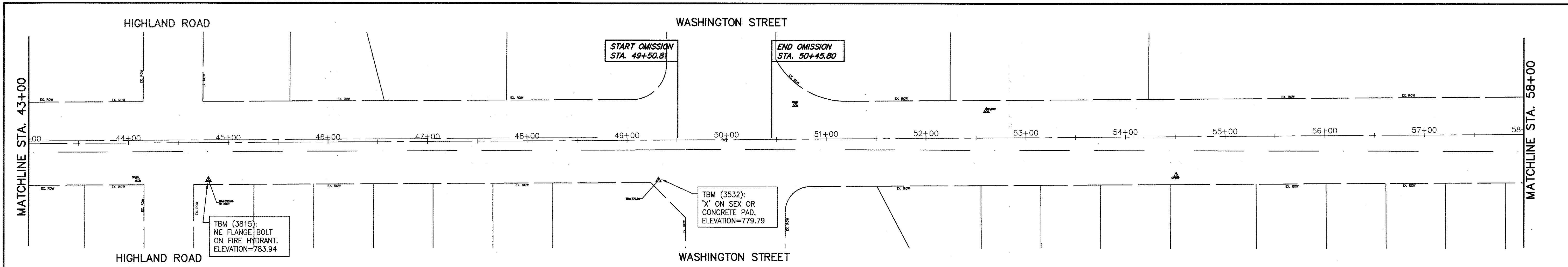
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|----------------|--|
| NO. | DESCRIPTION |
| ① | EXISTING HMA PAVEMENT, 10"± |
| ② | EXISTING AGGREGATE SUBBASE |
| ③ | EXISTING COMBINATION CURB & GUTTER |
| ④ | EXISTING PCC SIDEWALK |
| ⑤ | EXISTING HMA PATH |
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| ⑦ | PROPOSED CONCRETE MEDIAN SURFACE REMOVAL, (4"±) |
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| ⑱ | PROPOSED AGGREGATE BASE COURSE, TYPE B, 6" |
| ⑲ | PCC BASE COURSE, 8" |
| ⑳ | STRIP REFLECTIVE CRACK CONTROL TREATMENT |
| ⓧ ^R | ITEM TO BE REMOVED |

** STATION 51+45 TO 60+00 THE PROFILE SHALL BE ADJUSTED USING HOT MIX ASPHALT BINDER COURSE, IL-19.0, N50

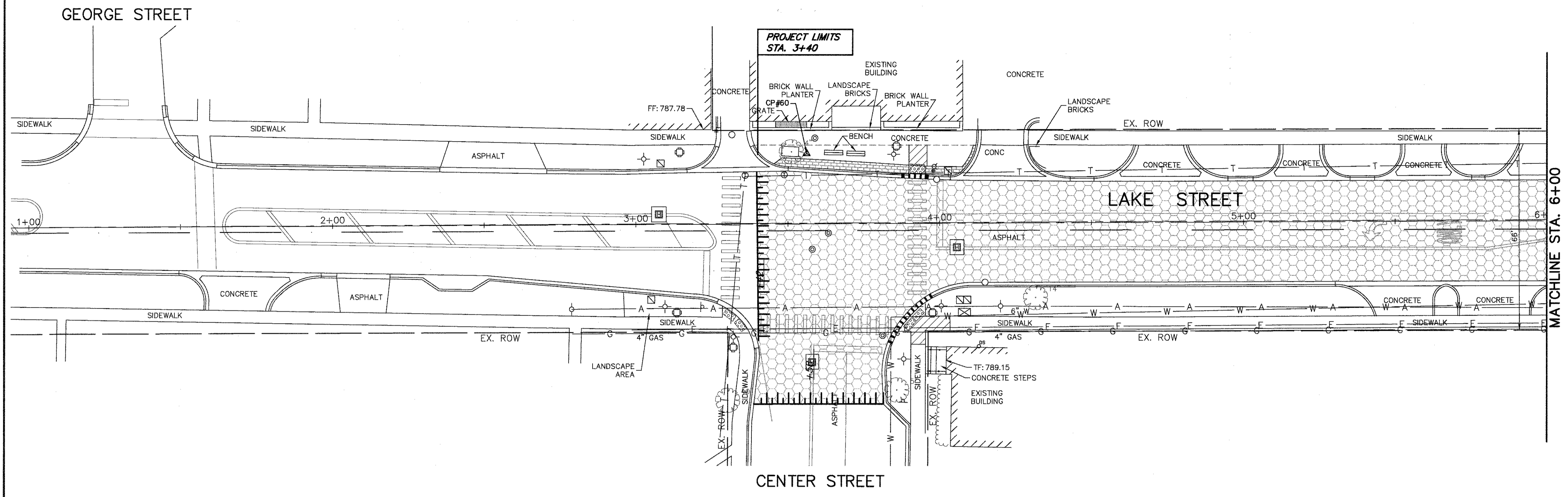
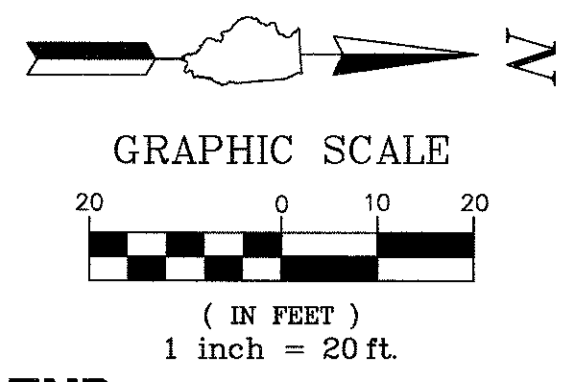
| HOT-MIX ASPHALT MIXTURE REQUIREMENTS | |
|--|------------------|
| MIXTURE TYPE | AIR VOIDS @ Ndes |
| PAVEMENT RESURFACING | |
| HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm), | 4% @ 50 GYR |
| POLYMERIZED LEVEL BINDER (MACHINE METHOD), IL-4.75, N50 | 3.5% @ 50 GYR |
| HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 | 4% @ 50 GYR |
| HMA PATH | |
| HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm), 3" | 4% @ 50 GYR |
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| CLASS D PATCHES (HMA BINDER IL 19 mm), 10" | 4% @ 70 GYR |

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ.YD./IN.
 THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.
 FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

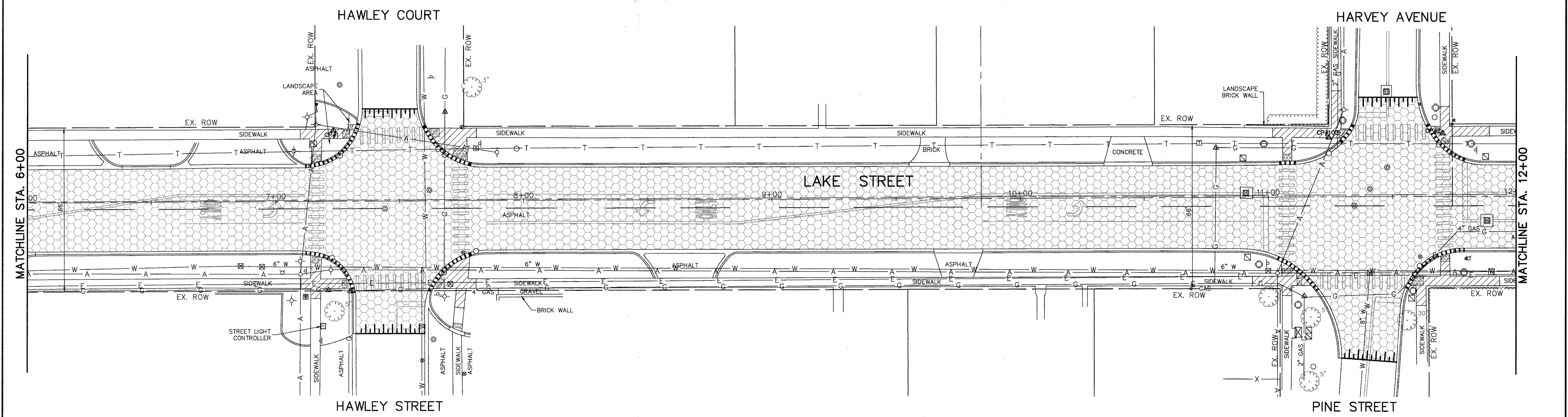




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| FILE NAME = 4990-400-pr3.dwg | USER NAME = GEORGE WHITTEN | DESIGNED - KLB | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | ALIGNMENT, TIES AND BENCHMARK LAKE STREET ROADWAY IMPROVEMENTS | FAU. RTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| | PLOT SCALE = 1" = .0833' | DRAWN - GW3 | REVISED - | | | 0195 | 15-00065-00-RS | LAKE | 80 | 8 | |
| | PLOT DATE = 8/2/2017 7:05 AM | CHECKED - KLB | REVISED - | | | SCALE N.T.S. SHEET NO. - OF - SHEETS STA. - TO STA. - | | CONTRACT # 61E14 | | | |
| | | DATE - | REVISED - | | | ILLINOIS FED. AID PROJECT | | | | | |



- REMOVAL LEGEND**
- AGGREGATE REMOVAL (TO BE PAID FOR AS EARTH EXCAVATION)
 - SIDEWALK REMOVAL
 - DRIVEWAY PAVEMENT REMOVAL
 - HMA SURFACE REMOVAL, 2.5"
 - PAVEMENT REMOVAL
 - CLEARING AND GRUBBING
 - COMBINATION CURB AND GUTTER REMOVAL
 - HMA SURFACE REMOVAL - BUTT JOINT
 - STRUCTURE TO BE ADJUSTED
 - STRUCTURE TO BE REMOVED
 - UTILITY TO BE ABANDONED
 - UTILITY TO BE REMOVED
 - TREE ROOT PRUNING
 - TEMPORARY FENCE
 - PAVEMENT SAWCUT
 - TREE REMOVAL



| | | | | | | | | | | | |
|------------------------------|----------------------------|----------------|-----------|---|---|---------------------------|------------------------|-------------------------|-----------------|------------------|--|
| FILE NAME = 4990-400-pr3.dwg | USER NAME = GEORGE WHITTEN | DESIGNED - KLB | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | EXISTING CONDITIONS/DEMOLITION PLAN LAKE STREET ROADWAY IMPROVEMENTS | FAU. RTE. 0195 | SECTION 15-00065-00-RS | COUNTY LAKE | TOTAL SHEETS 80 | SHEET NO. 9 | |
| PLOT SCALE = 1" = .0833' | CHECKED - KLB | REVISED - | REVISED - | | | CONTRACT # 61E14 | | | | | |
| PLOT DATE = 9/5/2017 9:52 AM | DATE - | REVISED - | REVISED - | | | ILLINOIS FED. AID PROJECT | | | | | |
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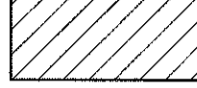

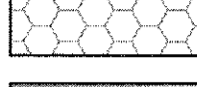
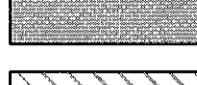
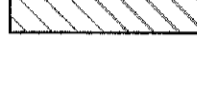
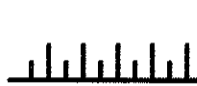
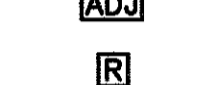
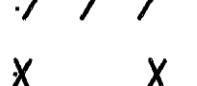


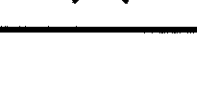



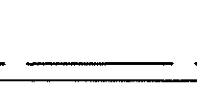


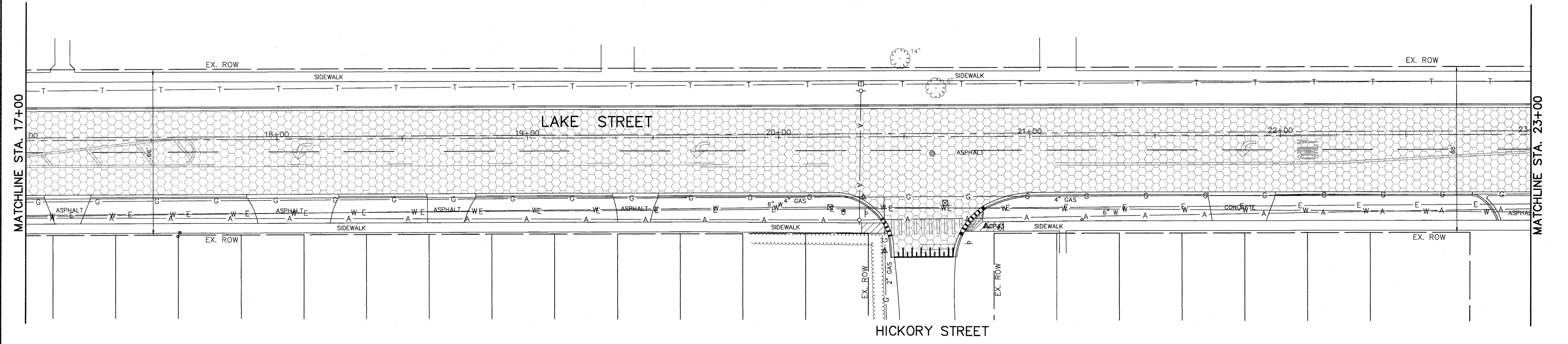
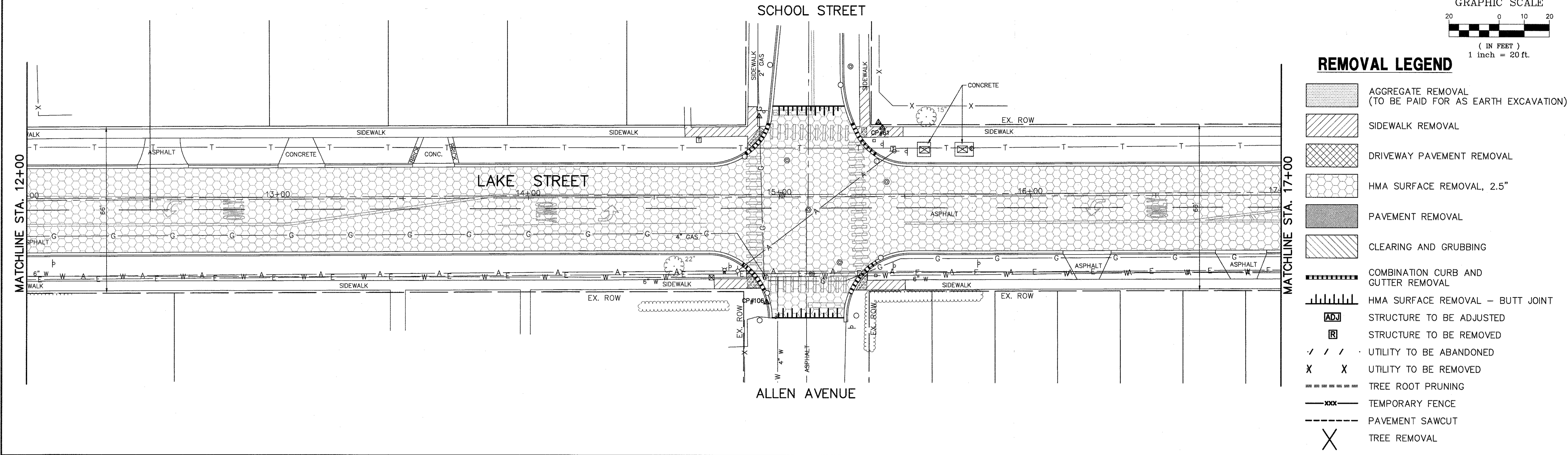
GRAPHIC SCALE



(IN FEET)
1 inch = 20 ft.

REMOVAL LEGEND

-  AGGREGATE REMOVAL (TO BE PAID FOR AS EARTH EXCAVATION)
-  SIDEWALK REMOVAL
-  DRIVEWAY PAVEMENT REMOVAL
-  HMA SURFACE REMOVAL, 2.5"
-  PAVEMENT REMOVAL
-  CLEARING AND GRUBBING
-  COMBINATION CURB AND GUTTER REMOVAL
-  HMA SURFACE REMOVAL - BUTT JOINT
-  STRUCTURE TO BE ADJUSTED
-  STRUCTURE TO BE REMOVED
-  UTILITY TO BE ABANDONED
-  UTILITY TO BE REMOVED
-  TREE ROOT PRUNING
-  TEMPORARY FENCE
-  PAVEMENT SAWCUT
-  TREE REMOVAL



FILE NAME = 4990-400-pr3.dwg
 USER NAME = GEORGE WHITTEN
 PLOT SCALE = 1" = .0833'
 PLOT DATE = 9/5/2017 9:53 AM

DESIGNED - KLB
 DRAWN - GW3
 CHECKED - KLB
 DATE -

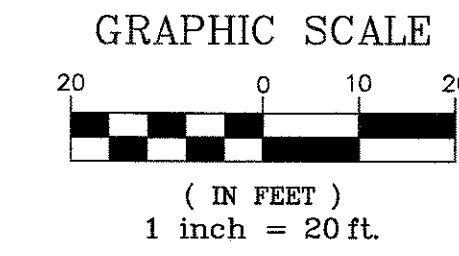
REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EXISTING CONDITIONS/DEMOLITION PLAN
 LAKE STREET ROADWAY IMPROVEMENTS**

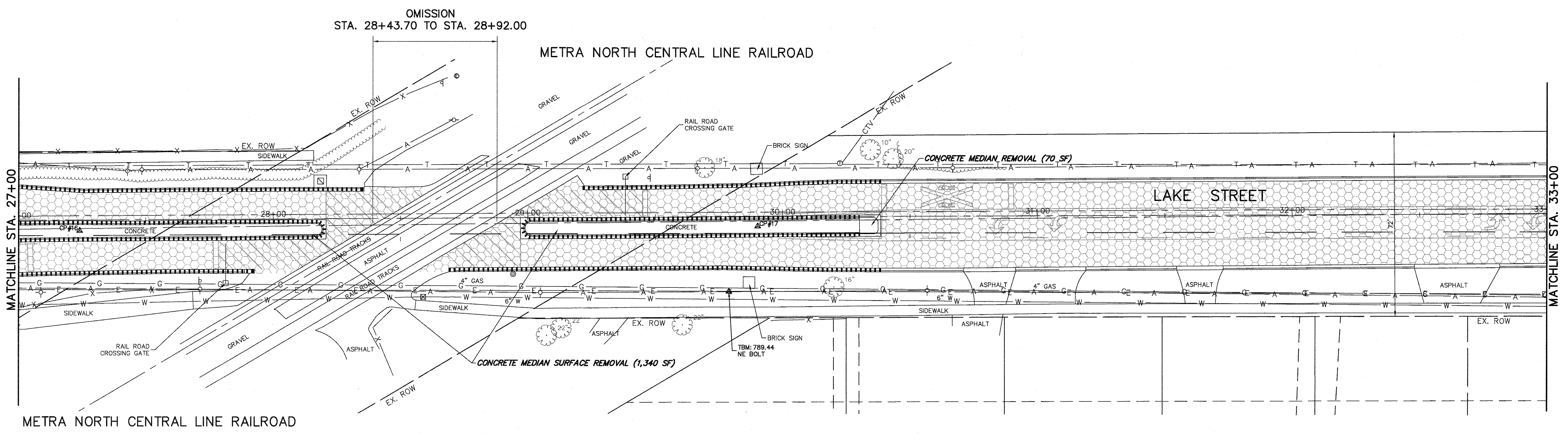
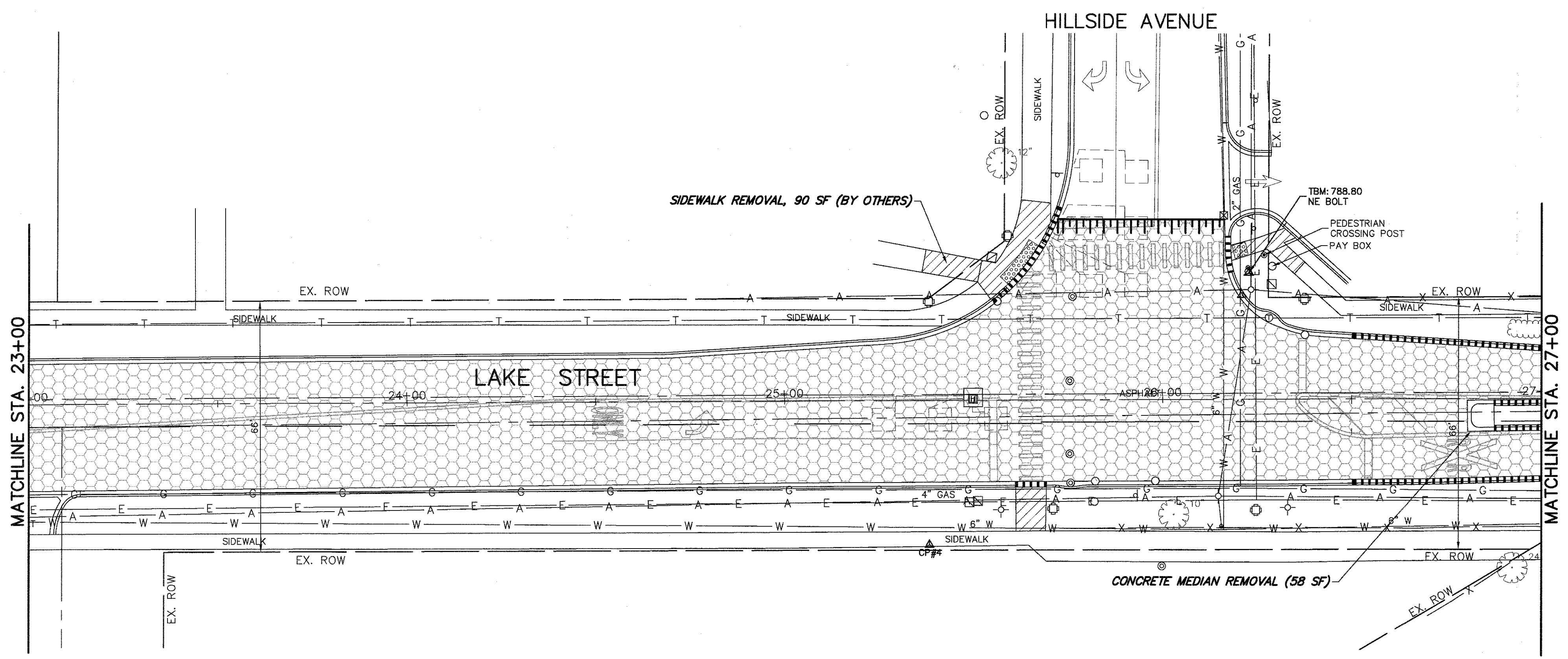
SCALE N.T.S. SHEET NO. - OF - SHEETS STA. - TO STA. -

| FAJ. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 0195 | 15-00065-00-RS | LAKE | 80 | 10 |
| CONTRACT #: | | | 61E14 | |
| ILLINOIS FED. AID PROJECT | | | | |



REMOVAL LEGEND

- AGGREGATE REMOVAL (TO BE PAID FOR AS EARTH EXCAVATION)
- SIDEWALK REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- HMA SURFACE REMOVAL, 2.5"
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- COMBINATION CURB AND GUTTER REMOVAL
- HMA SURFACE REMOVAL - BUTT JOINT
- STRUCTURE TO BE ADJUSTED
- STRUCTURE TO BE REMOVED
- UTILITY TO BE ABANDONED
- UTILITY TO BE REMOVED
- TREE ROOT PRUNING
- TEMPORARY FENCE
- PAVEMENT SAWCUT
- TREE REMOVAL



FILE NAME = 4990-400-pr3.dwg
 USER NAME = GEORGE WHITTEN
 PLOT SCALE = 1" = .0833'
 PLOT DATE = 9/5/2017 9:54 AM

DESIGNED - KLB
 DRAWN - GW3
 CHECKED - KLB
 DATE -

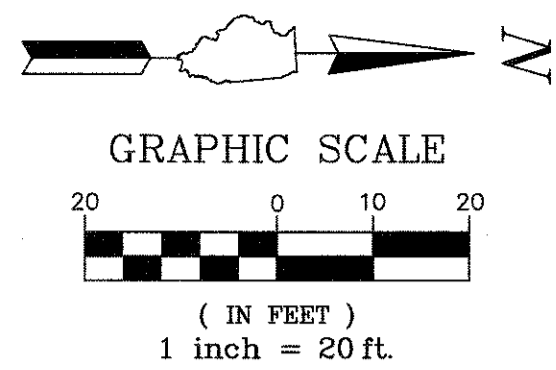
REVISED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING CONDITIONS/DEMOLITION PLAN
 LAKE STREET ROADWAY IMPROVEMENTS

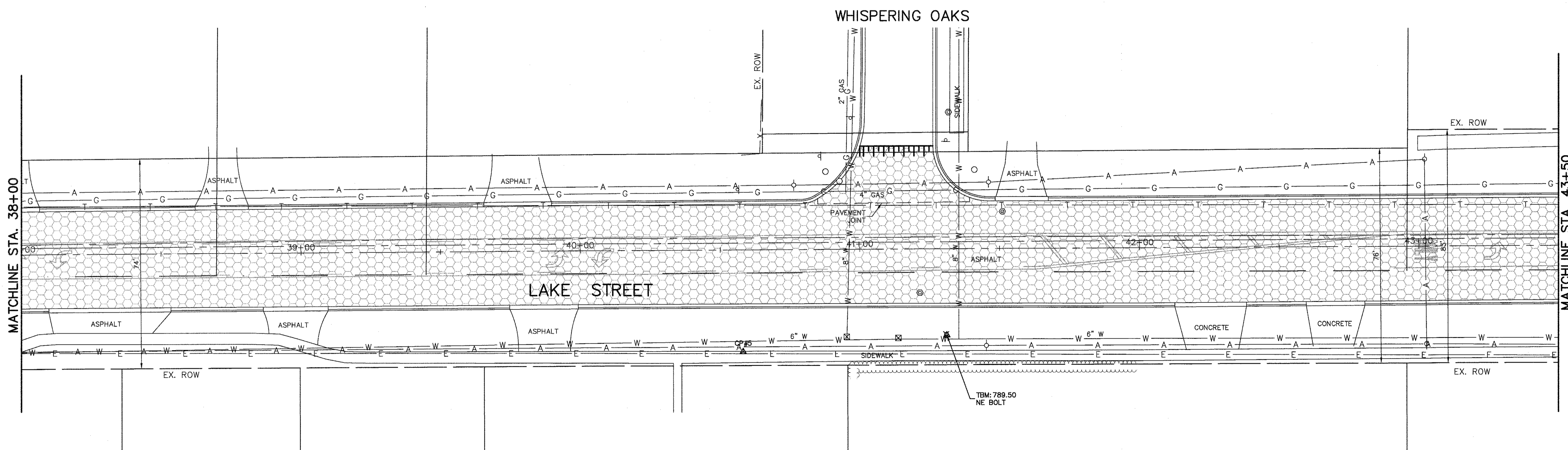
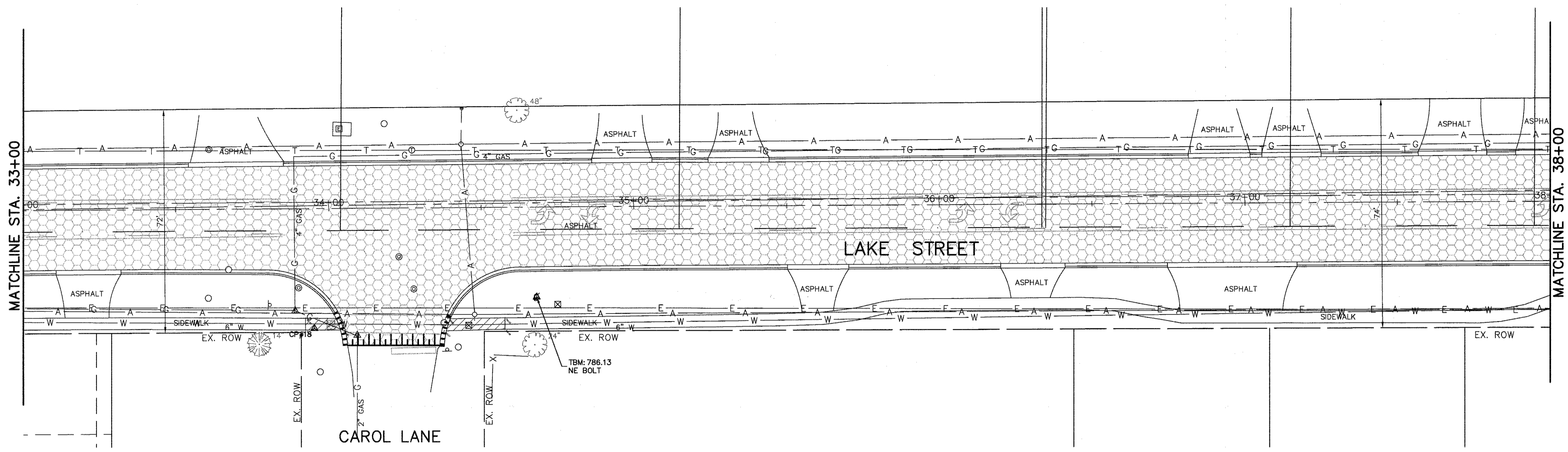
SCALE N.T.S. SHEET NO. - OF - SHEETS STA. - TO STA. -

| FAU. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 0195 | 15-00065-00-RS | LAKE | 80 | 11 |
| CONTRACT # | | | 61E14 | |
| ILLINOIS FED. AID PROJECT | | | | |

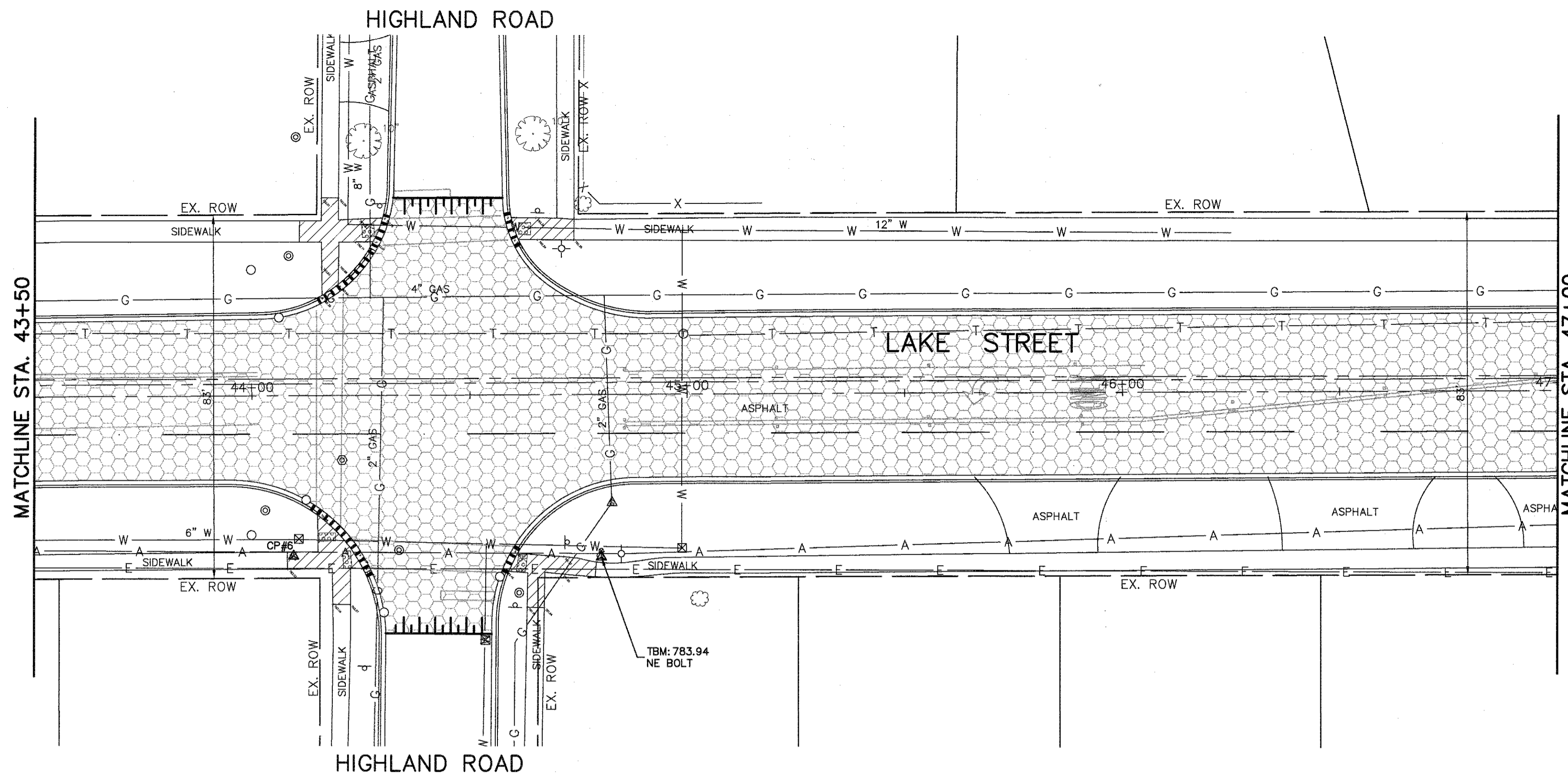


REMOVAL LEGEND




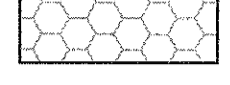
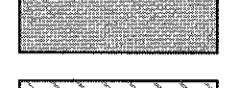
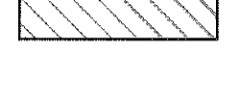
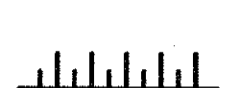

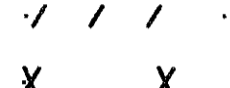


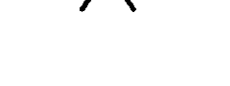




- AGGREGATE REMOVAL (TO BE PAID FOR AS EARTH EXCAVATION)
- SIDEWALK REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- HMA SURFACE REMOVAL, 2.5"
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- TREE REMOVAL

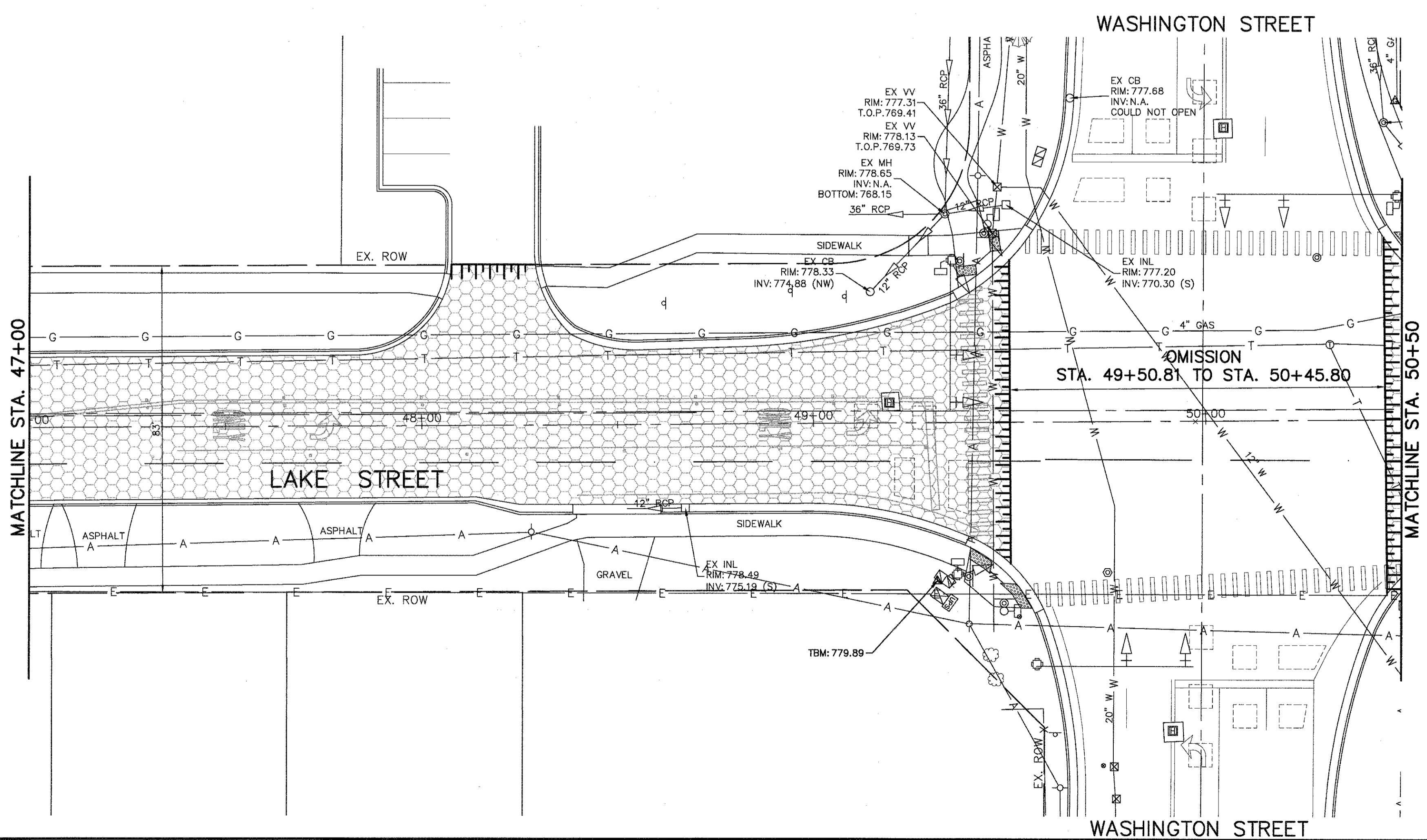
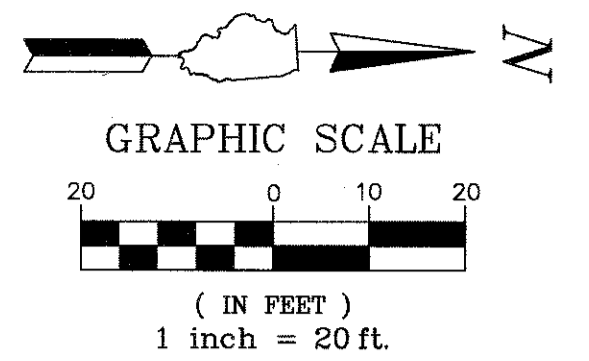


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|------------------------------|------------------------------|----------------|-----------|---|---|---------------------------|-------------------------|------------------|------------------|--------------|--|
| FILE NAME = 4990-400-pr3.dwg | USER NAME = GEORGE WHITTEN | DESIGNED - KLB | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | EXISTING CONDITIONS/DEMOLITION PLAN LAKE STREET ROADWAY IMPROVEMENTS | FAU. RTE. 0195 | SECTION 15-00065-00-RS | COUNTY LAKE | TOTAL SHEETS 80 | SHEET NO. 12 | |
| | PLOT SCALE = 1" = .0833' | DRAWN - GW3 | REVISED - | | | SCALE N.T.S. | SHEET NO. - OF - SHEETS | STA. - TO STA. - | CONTRACT # 61E14 | | |
| | PLOT DATE = 8/2/2017 7:13 AM | CHECKED - KLB | REVISED - | | | ILLINOIS FED. AID PROJECT | | | | | |



REMOVAL LEGEND

-  AGGREGATE REMOVAL
(TO BE PAID FOR AS EARTH EXCAVATION)
-  SIDEWALK REMOVAL
-  DRIVEWAY PAVEMENT REMOVAL
-  HMA SURFACE REMOVAL, 2.5"
-  PAVEMENT REMOVAL
-  CLEARING AND GRUBBING
-  COMBINATION CURB AND GUTTER REMOVAL
-  HMA SURFACE REMOVAL - BUTT JOINT
-  STRUCTURE TO BE ADJUSTED
-  STRUCTURE TO BE REMOVED
-  UTILITY TO BE ABANDONED
-  UTILITY TO BE REMOVED
-  TREE ROOT PRUNING
-  TEMPORARY FENCE
-  PAVEMENT SAWCUT
-  TREE REMOVAL



FILE NAME = 4990-400-pr3.dwg

USER NAME = GEORGE WHITTEN

DESIGNED - KLB

REVISED -

PLOT SCALE = 1" = .0833'

DRAWN - GW3

REVISED -

PLOT DATE = 9/5/2017 1:22 PM

CHECKED - KLB

REVISED -

DATE -

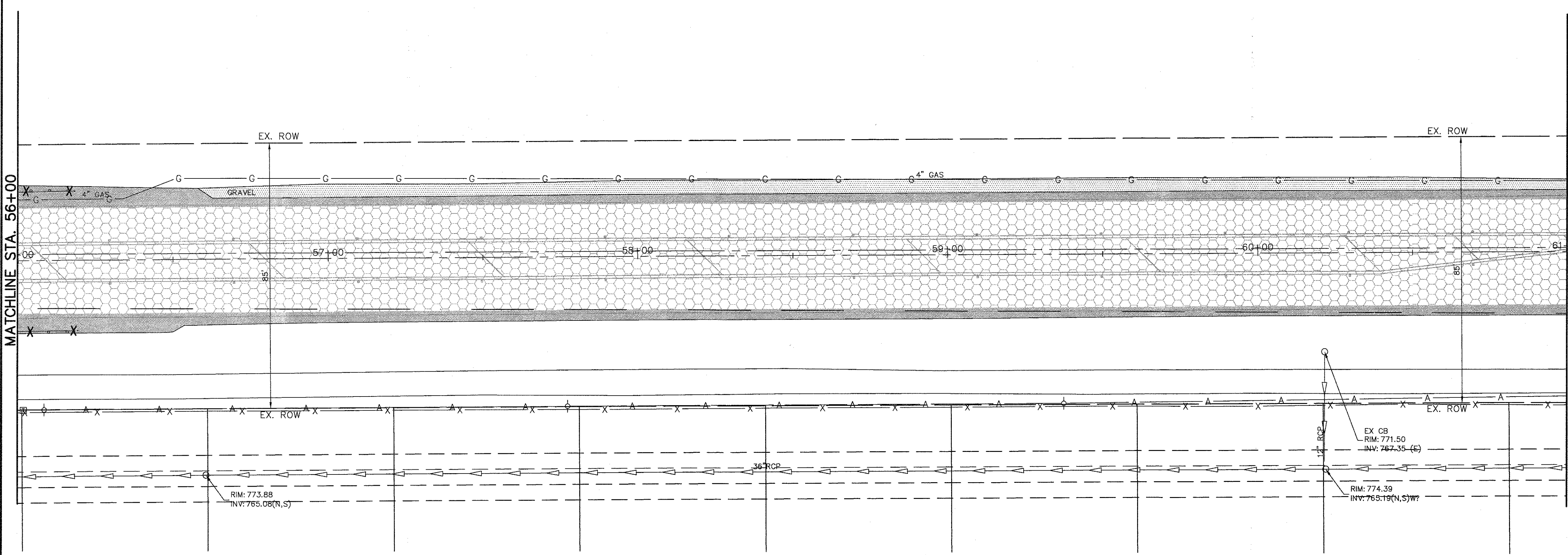
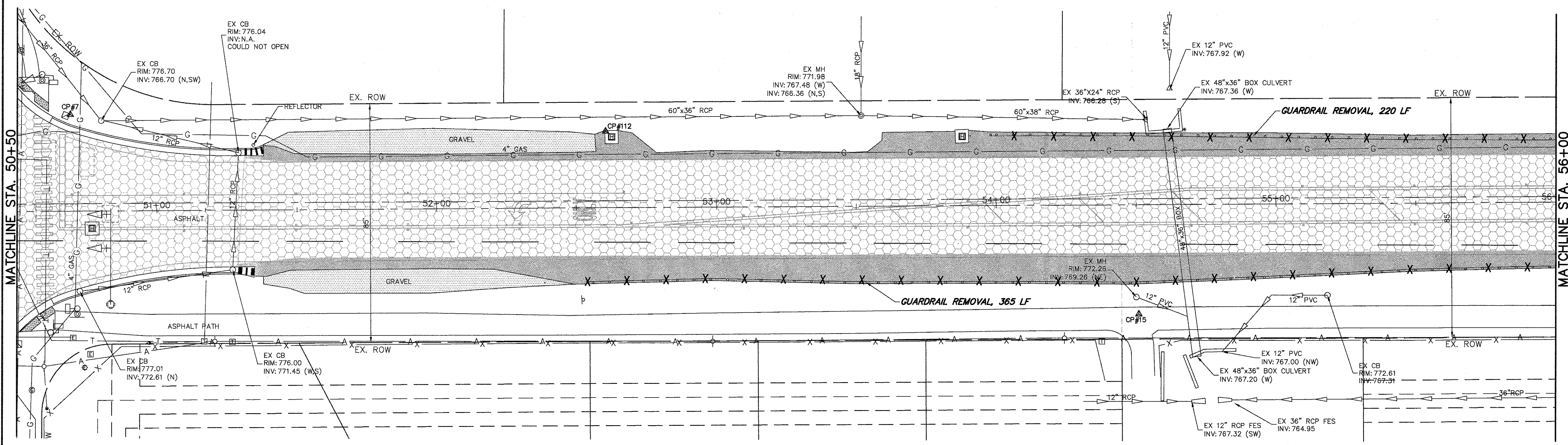
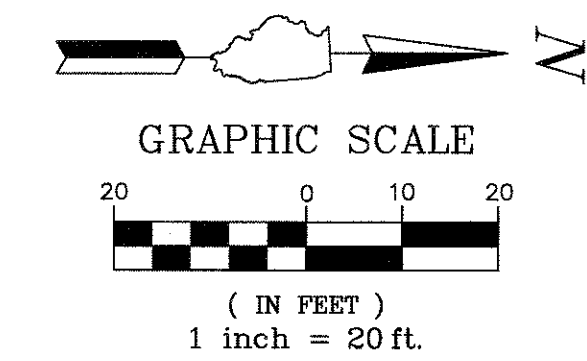
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING CONDITIONS/DEMOLITION PLAN
LAKE STREET ROADWAY IMPROVEMENTS**

SCALE N.T.S. SHEET NO. - OF - SHEETS STA. - TO STA. -

| FILE RTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 0195 | 15-00065-00-RS | LAKE | 80 | 13 |
| CONTRACT # | | | 61E14 | |
| ILLINOIS FED. AID PROJECT | | | | |



REMOVAL LEGEND

- AGGREGATE REMOVAL (TO BE PAID FOR AS EARTH EXCAVATION)
- SIDEWALK REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- HMA SURFACE REMOVAL, 2.5"
- PAVEMENT REMOVAL
- CLEARING AND GRUBBING
- COMBINATION CURB AND GUTTER REMOVAL
- HMA SURFACE REMOVAL - BUTT JOINT
- STRUCTURE TO BE ADJUSTED
- STRUCTURE TO BE REMOVED
- UTILITY TO BE ABANDONED
- UTILITY TO BE REMOVED
- TREE ROOT PRUNING
- TEMPORARY FENCE
- PAVEMENT SAWCUT
- TREE REMOVAL

FILE NAME = 4990-400-pr3.dwg
 USER NAME = GEORGE WHITTEN
 PLOT SCALE = 1" = .0833'
 PLOT DATE = 8/2/2017 7:18 AM

DESIGNED - KLB
 DRAWN - GW3
 CHECKED - KLB
 DATE -

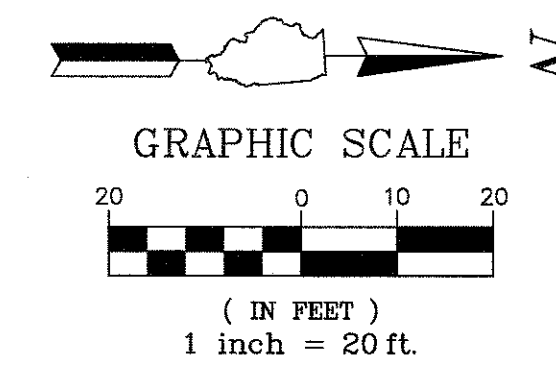
REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EXISTING CONDITIONS/DEMOLITION PLAN
 LAKE STREET ROADWAY IMPROVEMENTS**

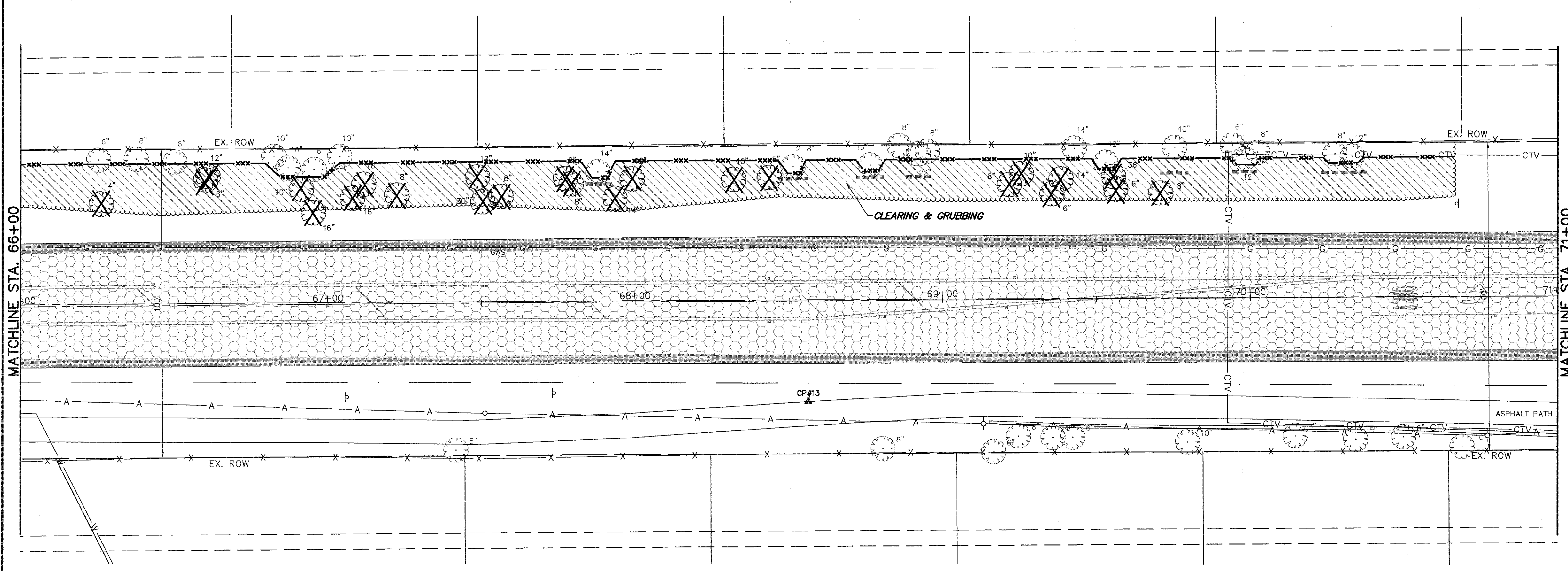
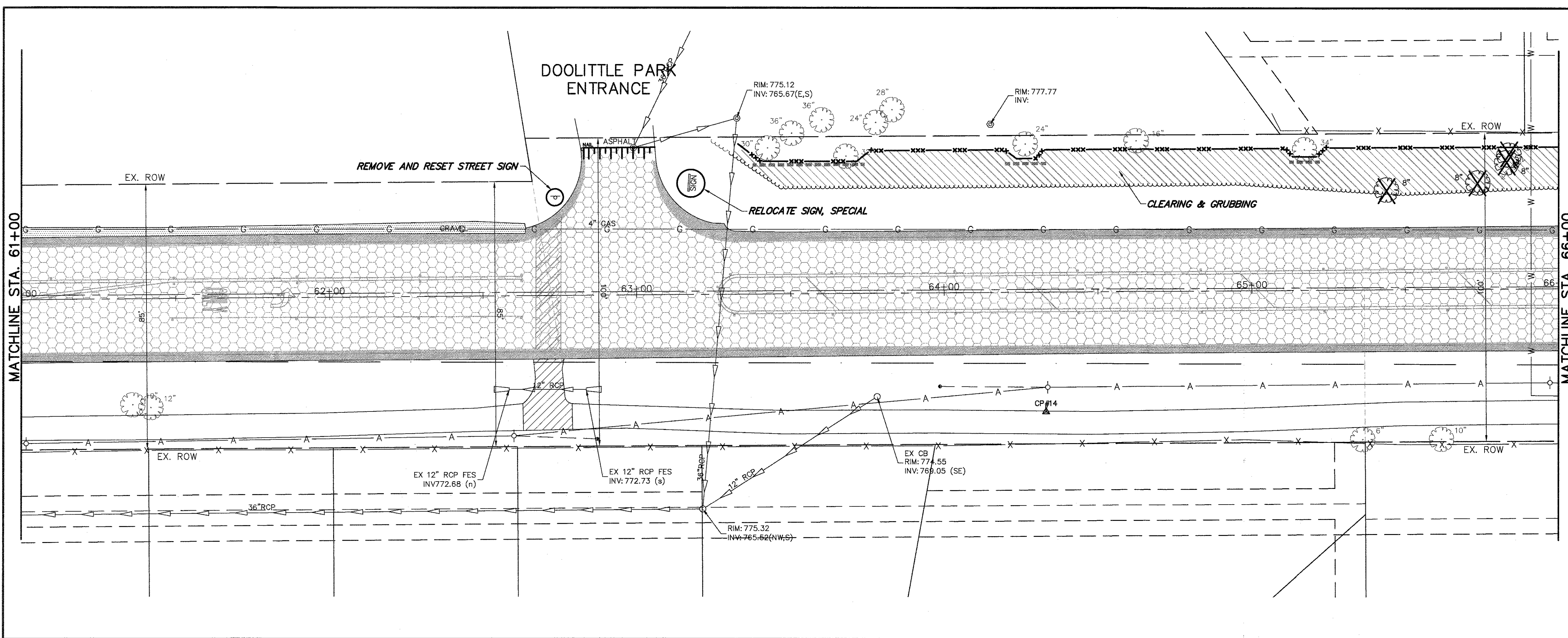
SCALE N.T.S. SHEET NO. - OF - SHEETS STA. - TO STA. -

| FALI RTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 0195 | 15-00065-00-RS | LAKE | 80 | 14 |
| CONTRACT #: | | | 61E14 | |
| ILLINOIS FED. AID PROJECT | | | | |



REMOVAL LEGEND

- AGGREGATE REMOVAL
(TO BE PAID FOR AS EARTH EXCAVATION)
- SIDEWALK REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- HMA SURFACE REMOVAL, 2.5"
- PAVEMENT REMOVAL
- CLEARING AND GRUBBING
- COMBINATION CURB AND GUTTER REMOVAL
- HMA SURFACE REMOVAL - BUTT JOINT
- STRUCTURE TO BE ADJUSTED
- STRUCTURE TO BE REMOVED
- UTILITY TO BE ABANDONED
- UTILITY TO BE REMOVED
- TREE ROOT PRUNING
- TEMPORARY FENCE
- PAVEMENT SAWCUT
- TREE REMOVAL



FILE NAME = 4990-400-pr3.dwg
 USER NAME = GEORGE WHITTEN
 PLOT SCALE = 1" = .0833'
 PLOT DATE = 8/2/2017 7:31 AM

DESIGNED - KLB
 DRAWN - GW3
 CHECKED - KLB
 DATE -

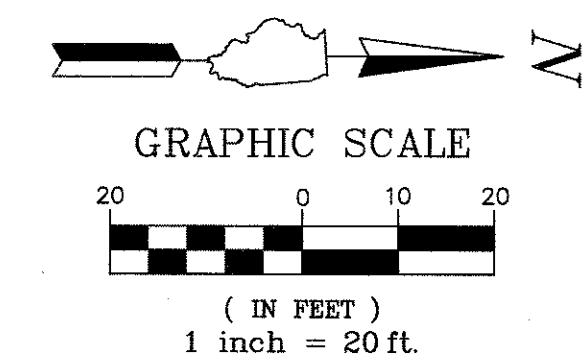
REVISED -
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 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

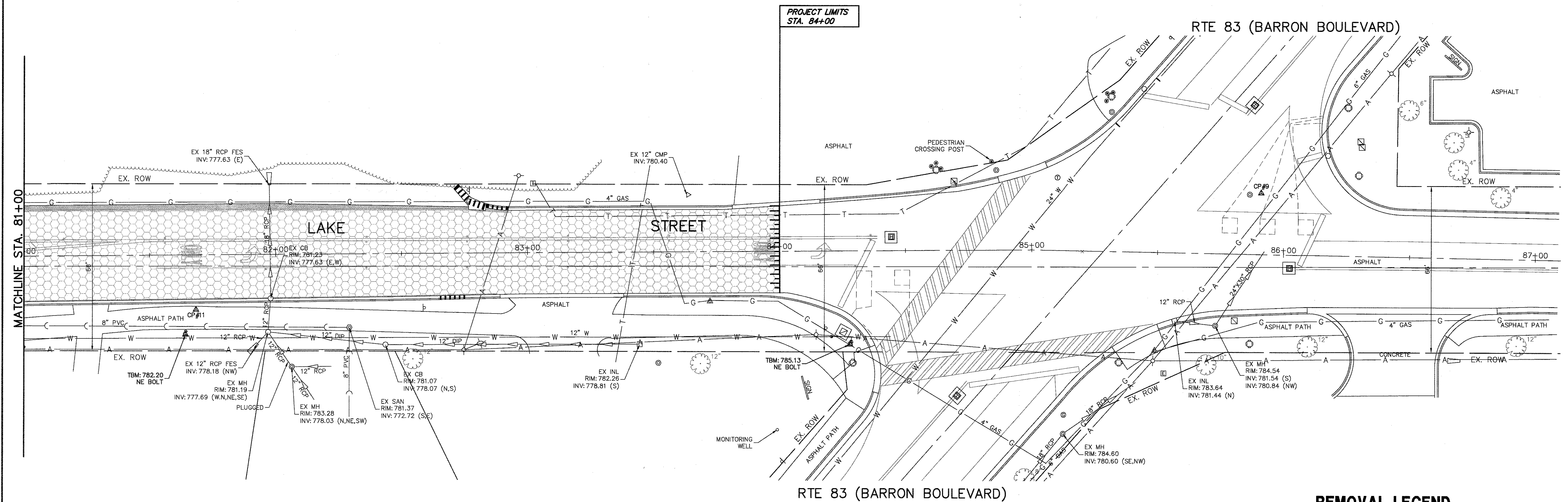
**EXISTING CONDITIONS/DEMOLITION PLAN
 LAKE STREET ROADWAY IMPROVEMENTS**

| | | |
|--------------|-------------------------|------------------|
| SCALE N.T.S. | SHEET NO. - OF - SHEETS | STA. - TO STA. - |
|--------------|-------------------------|------------------|

| | | | | |
|---------------------------|----------------|--------|--------------|-----------|
| FAU. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 0195 | 15-00065-00-RS | LAKE | 80 | 15 |
| CONTRACT # | | | 61E14 | |
| ILLINOIS FED. AID PROJECT | | | | |



PROJECT LIMITS
STA. 84+00



REMOVAL LEGEND

- AGGREGATE REMOVAL (TO BE PAID FOR AS EARTH EXCAVATION)
- SIDEWALK REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- HMA SURFACE REMOVAL, 2.5"
- PAVEMENT REMOVAL
- CLEARING AND GRUBBING
- COMBINATION CURB AND GUTTER REMOVAL
- HMA SURFACE REMOVAL - BUTT JOINT
- STRUCTURE TO BE ADJUSTED
- STRUCTURE TO BE REMOVED
- UTILITY TO BE ABANDONED
- UTILITY TO BE REMOVED
- TREE ROOT PRUNING
- TEMPORARY FENCE
- PAVEMENT SAWCUT
- TREE REMOVAL

FILE NAME = 4990-400-pr3.dwg

USER NAME = GEORGE WHITTEN

DESIGNED - KLB

REVISED -

DRAWN - GW3

REVISED -

PLOT SCALE = 1" = .0833'

CHECKED - KLB

REVISED -

PLOT DATE = 8/2/2017 7:33 AM

DATE -

REVISED -

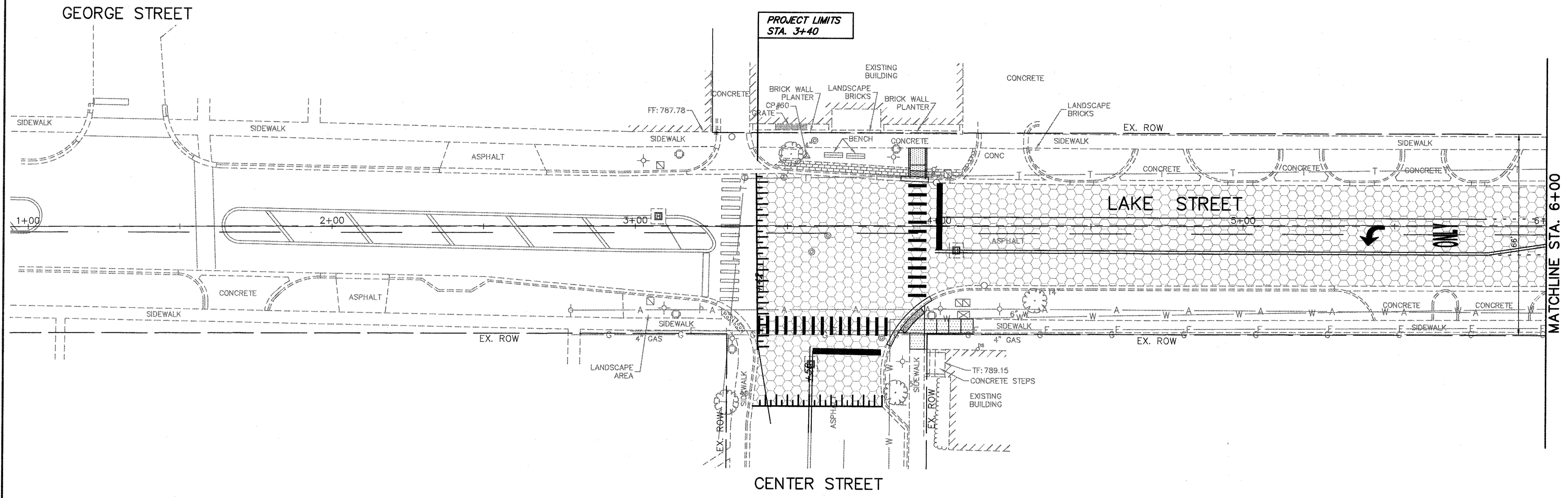
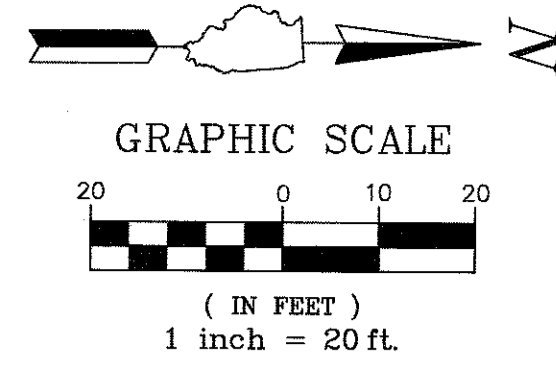
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

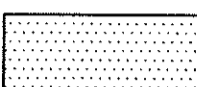

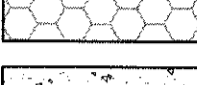


**EXISTING CONDITIONS/DEMOLITION PLAN
LAKE STREET ROADWAY IMPROVEMENTS**

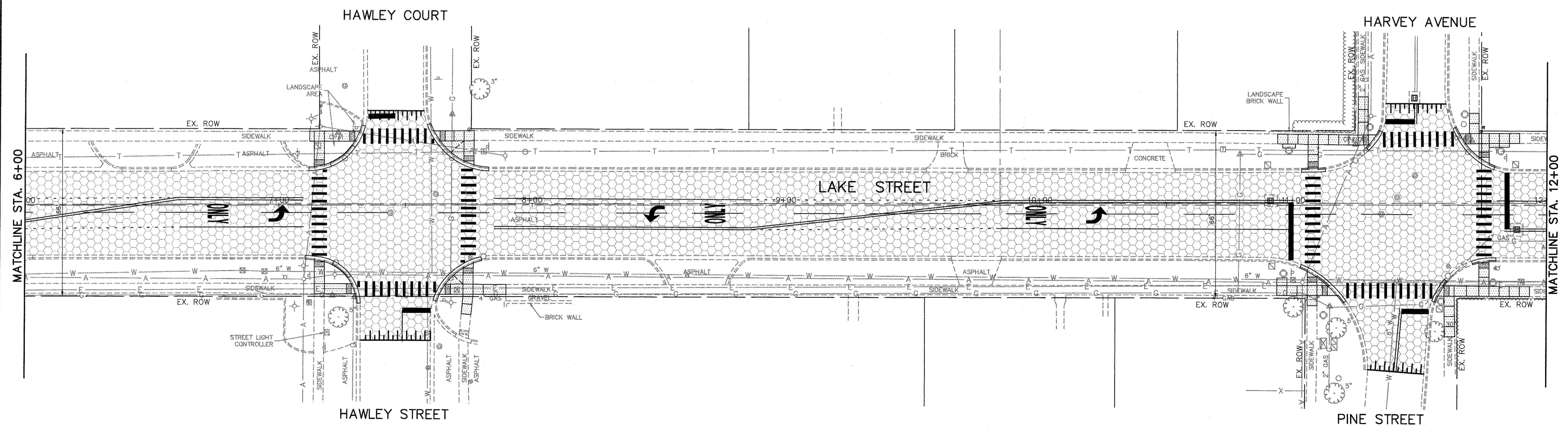
| FAU. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------|----------------|--------|------------------|-----------|
| 0195 | 15-00065-00-RS | LAKE | 80 | 17 |
| | | | CONTRACT # 61E14 | |

SCALE N.T.S. SHEET NO. - OF - SHEETS STA. - TO STA. -

ILLINOIS FED. AID PROJECT



- PROPOSED LEGEND**
-  PCC SIDEWALK, 5"
 -  HMA SURFACE COURSE MIX D, N50, 1.75" POLYMERIZED LEVEL BINDER (mm) IL-4.75, N50
 -  CONCRETE MEDIAN SURFACE, 4"
 -  DETECTABLE WARNINGS
 -  HMA SURFACE REMOVAL - BUTT JOINT



FILE NAME = 4990-400-pr3.dwg

USER NAME = GEORGE WHITTEN

DESIGNED - KLB

REVISED -

PLOT SCALE = 1" = .0833'

DRAWN - GW3

REVISED -

PLOT DATE = 8/2/2017 7:34 AM

CHECKED - KLB

REVISED -

DATE -

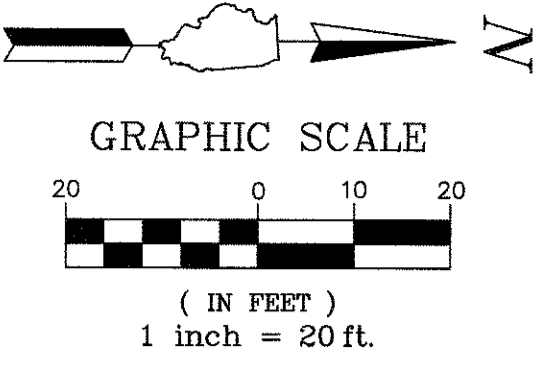
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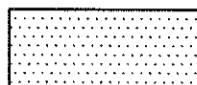
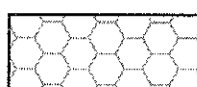



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

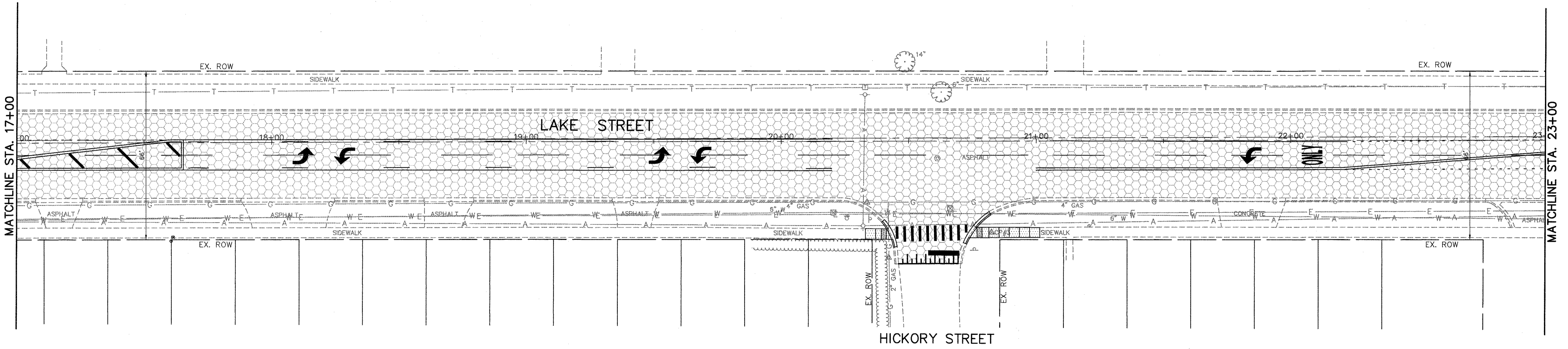
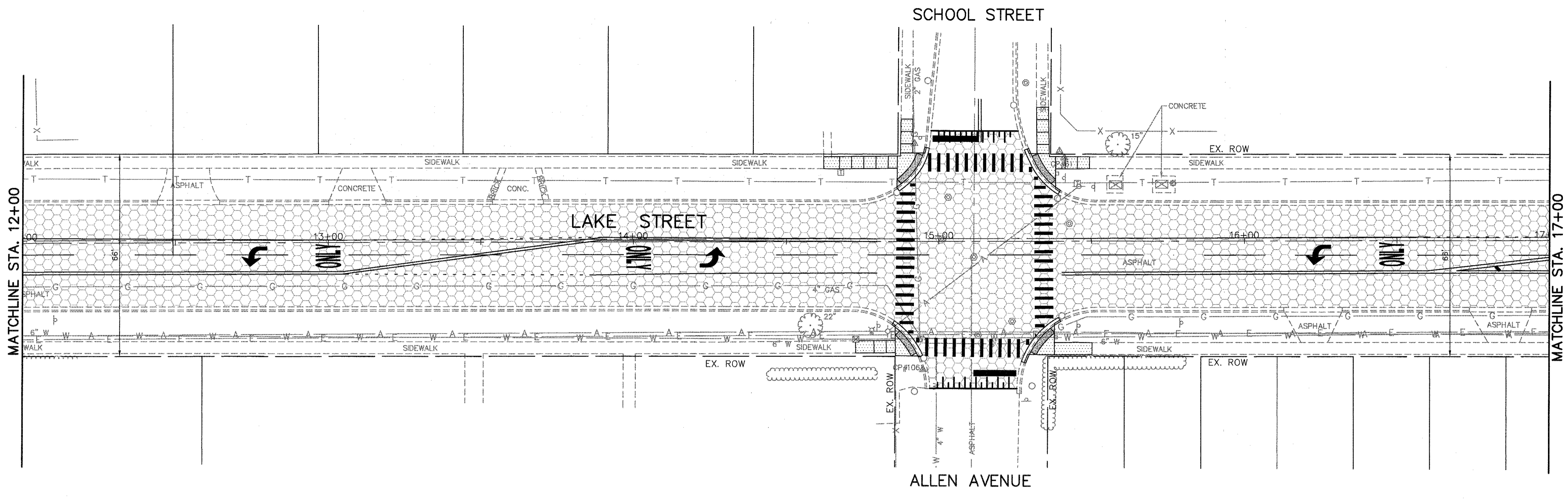
**ROADWAY PLANS
LAKE STREET ROADWAY IMPROVEMENTS**

SCALE N.T.S. SHEET NO. - OF - SHEETS STA. - TO STA. -

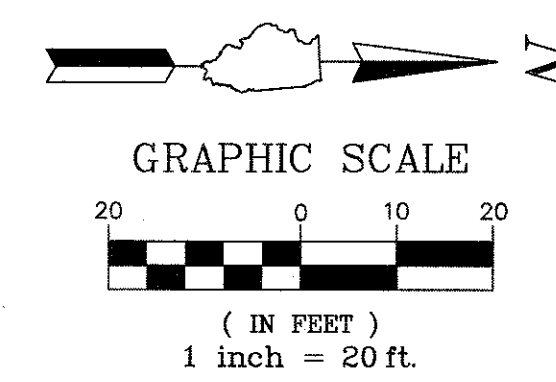
| FAU. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 0195 | 15-00065-00-RS | LAKE | 80 | 18 |
| CONTRACT #: | | | 61E14 | |
| ILLINOIS FED. AID PROJECT | | | | |


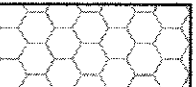





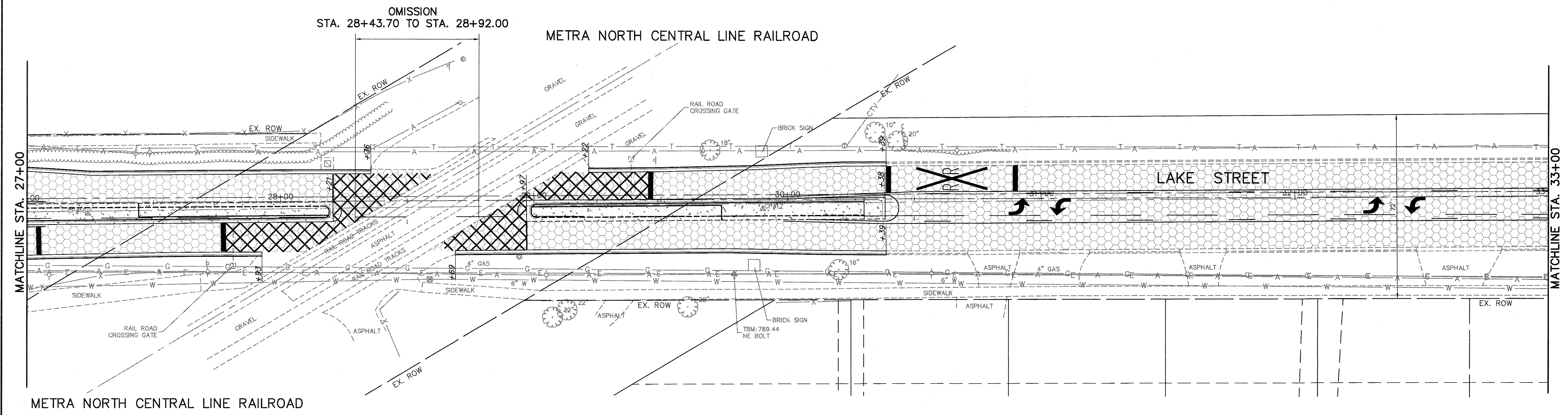
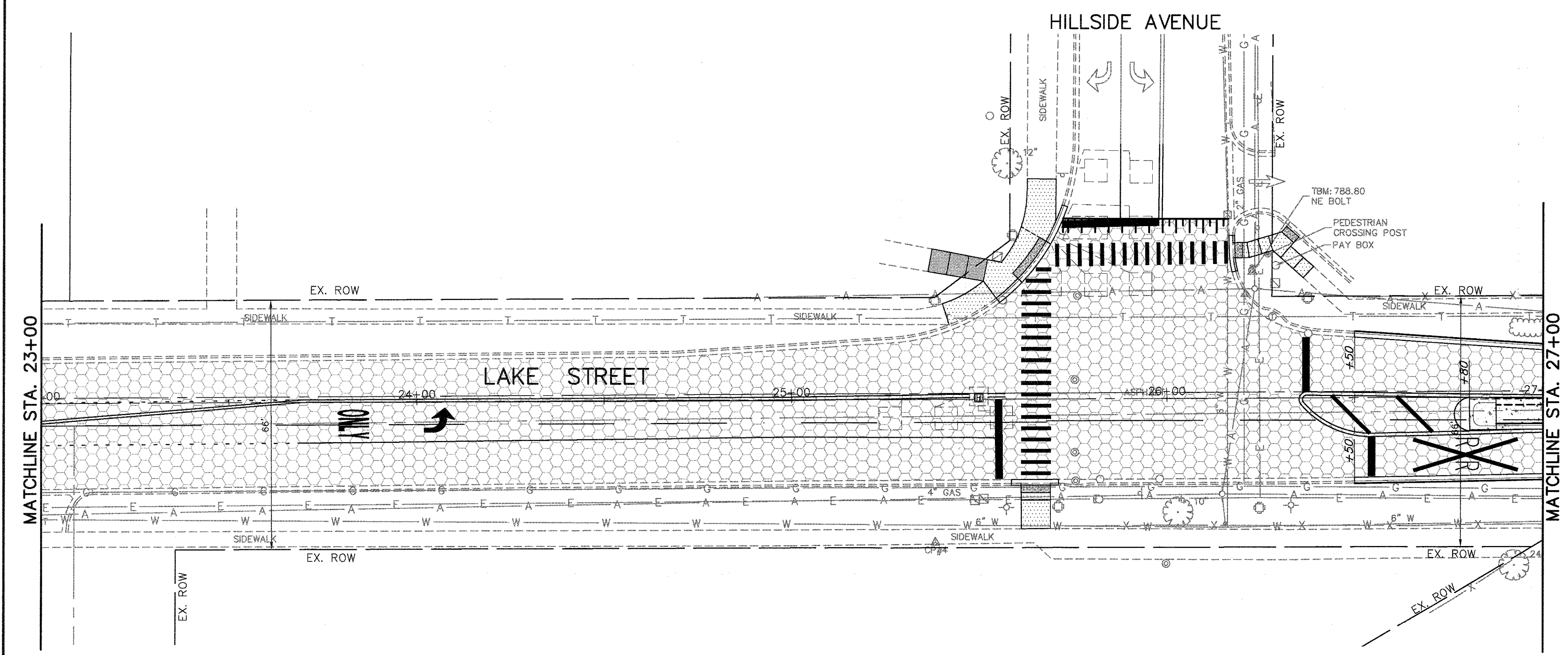
- PROPOSED LEGEND**
-  PCC SIDEWALK, 5"
 -  HMA SURFACE COURSE MIX D, N50, 1.75" POLYMERIZED LEVEL BINDER (mm) IL-4.75, N50
 -  CONCRETE MEDIAN SURFACE, 4"
 -  DETECTABLE WARNINGS
 -  HMA SURFACE REMOVAL - BUTT JOINT



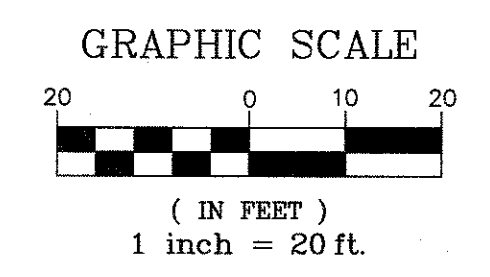
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| FILE NAME = 4990-400-pr3.dwg | USER NAME = GEORGE WHITTEN | DESIGNED - KLB | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | ROADWAY PLANS LAKE STREET ROADWAY IMPROVEMENTS | FAU. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| | | DRAWN - GW3 | REVISED - | | | 0195 | 15-00065-00-RS | LAKE | 80 | 19 | |
| | PLOT SCALE = 1" = .0833' | CHECKED - KLB | REVISED - | | | SCALE N.T.S. | | SHEET NO. - OF - SHEETS | | STA. - TO STA. - | |
| | PLOT DATE = 9/13/2017 1:41 PM | DATE - | REVISED - | | | CONTRACT # 61E14 ILLINOIS FED. AID PROJECT | | | | | |




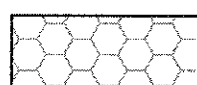



- PROPOSED LEGEND**
-  PCC SIDEWALK, 5"
 -  HMA SURFACE COURSE MIX D, N50, 1.75" POLYMERIZED LEVEL BINDER (mm) IL-4.75, N50
 -  CONCRETE MEDIAN SURFACE, 4"
 -  DETECTABLE WARNINGS
 -  HMA SURFACE REMOVAL - BUTT JOINT

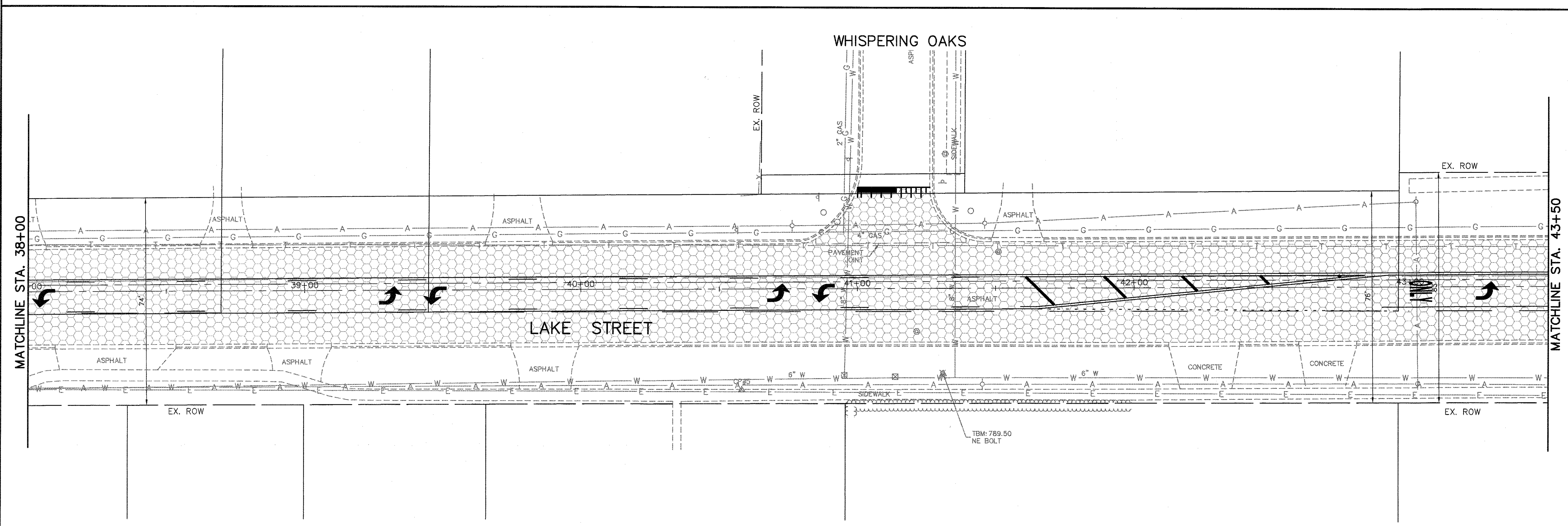
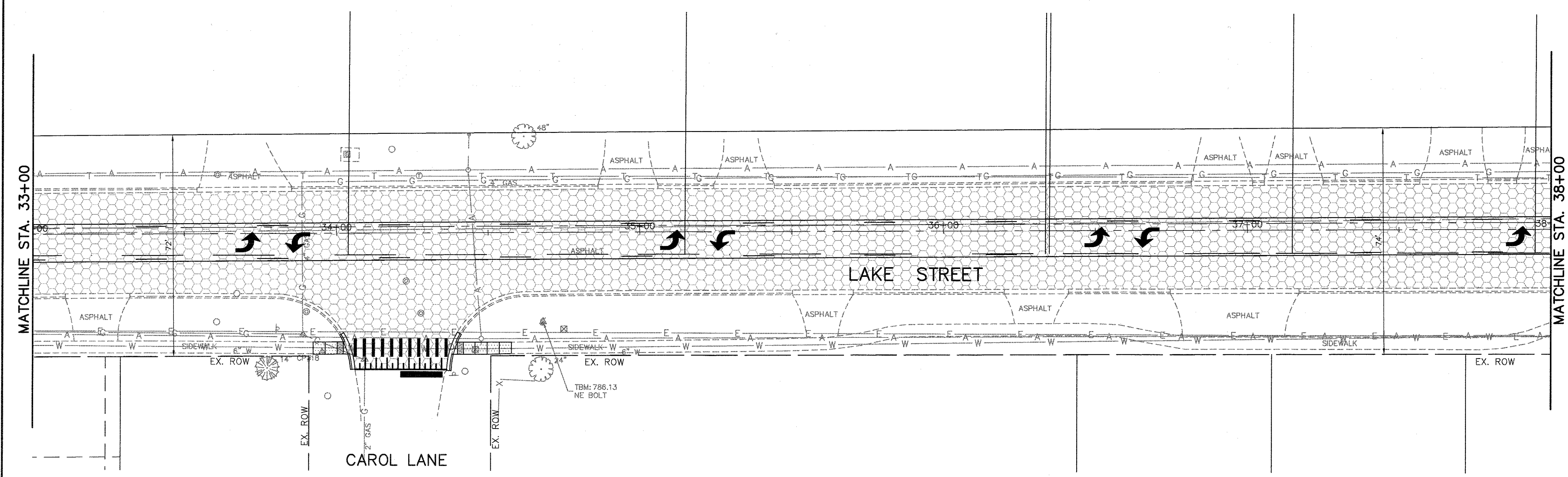


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| FILE NAME = 4990-400-pr3.dwg | USER NAME = GEORGE WHITTEN | DESIGNED - KLB | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | ROADWAY PLANS LAKE STREET ROADWAY IMPROVEMENTS | | FAU. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | PLOT SCALE = 1" = .0833' | DRAWN - GW3 | REVISED - | | | | 0195 | 15-00065-00-RS | LAKE | 80 | 20 |
| | PLOT DATE = 9/5/2017 1:17 PM | CHECKED - KLB | REVISED - | | | | CONTRACT # | | 61E14 | | |
| | DATE - | REVISED - | | SCALE N.T.S. | SHEET NO. - OF - SHEETS | STA. - TO STA. - | ILLINOIS FED. AID PROJECT | | | | |



PROPOSED LEGEND

-  PCC SIDEWALK, 5"
-  HMA SURFACE COURSE MIX D, N50, 1.75" POLYMERIZED LEVEL BINDER (mm) IL-4.75, N50
-  CONCRETE MEDIAN SURFACE, 4"
-  DETECTABLE WARNINGS
-  HMA SURFACE REMOVAL - BUTT JOINT



FILE NAME = 4990-400-pr3.dwg
 USER NAME = GEORGE WHITTEN
 PLOT SCALE = 1" = .0833"
 PLOT DATE = 9/5/2017 9:59 AM

DESIGNED - KLB
 DRAWN - GW3
 CHECKED - KLB
 DATE -

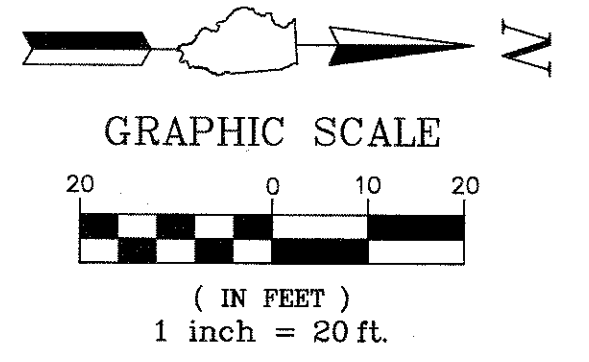
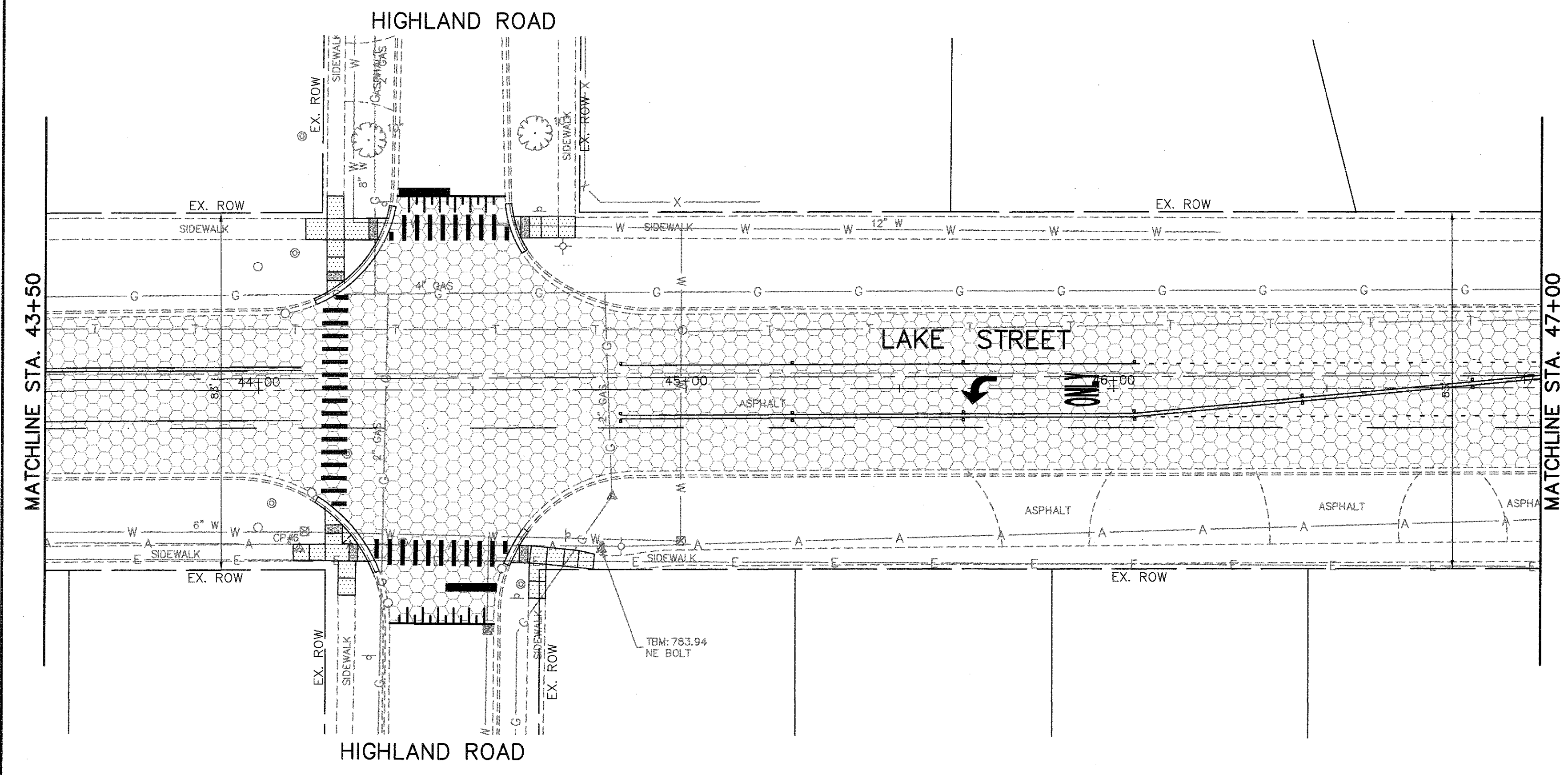
REVISED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION


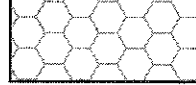



**ROADWAY PLANS
 LAKE STREET ROADWAY IMPROVEMENTS**

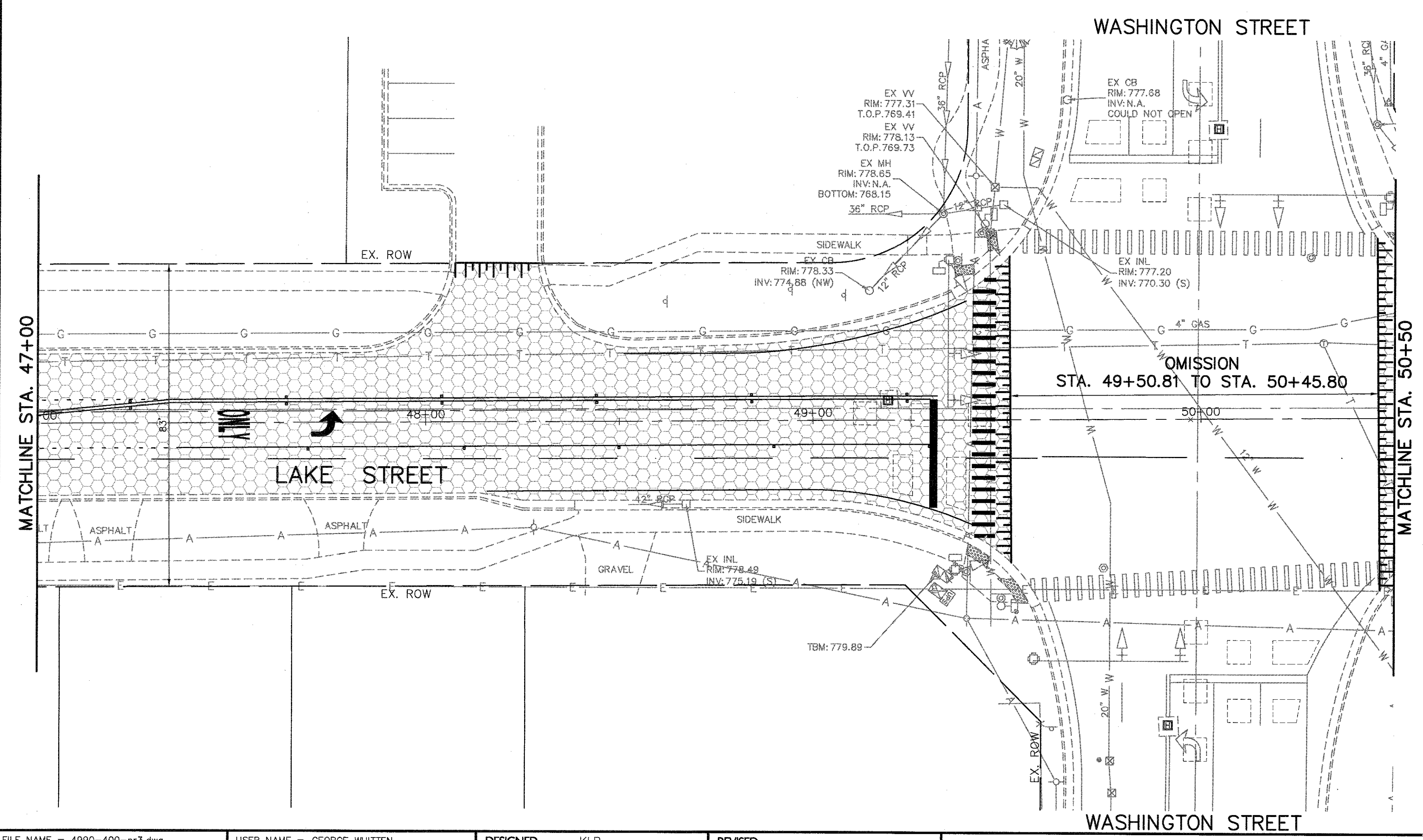
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| SCALE N.T.S. | SHEET NO. - OF - SHEETS | STA. - TO STA. - |
|--------------|-------------------------|------------------|

| | | | | |
|------------------|------------------------|-------------|-----------------|---------------------------|
| FAU. RTE. 0195 | SECTION 15-00065-00-RS | COUNTY LAKE | TOTAL SHEETS 80 | SHEET NO. 21 |
| CONTRACT # 61E14 | | | | ILLINOIS FED. AID PROJECT |



PROPOSED LEGEND

-  PCC SIDEWALK, 5"
-  HMA SURFACE COURSE MIX D, N50, 1.75" POLYMERIZED LEVEL BINDER (mm) IL-4.75, N50
-  CONCRETE MEDIAN SURFACE, 4"
-  DETECTABLE WARNINGS
-  HMA SURFACE REMOVAL - BUTT JOINT



FILE NAME = 4990-400-pr3.dwg
 USER NAME = GEORGE WHITTEN
 PLOT SCALE = 1" = .0833'
 PLOT DATE = 9/5/2017 1:15 PM

DESIGNED - KLB
 DRAWN - GW3
 CHECKED - KLB
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

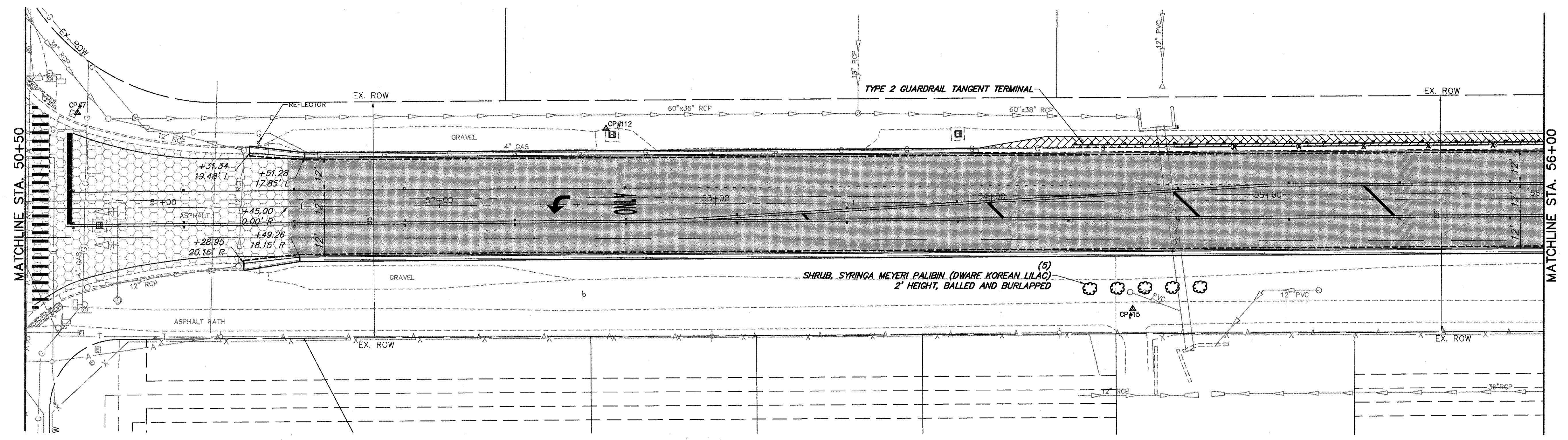
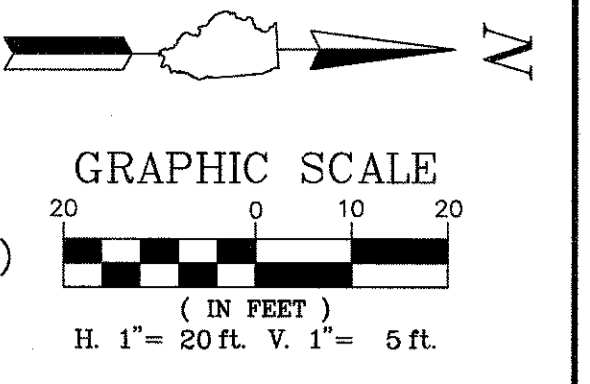
ROADWAY PLANS
 LAKE STREET ROADWAY IMPROVEMENTS

| FAU RTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|------------------|----------------|--------|-------------------------|-----------|
| 0195 | 15-00065-00-RS | LAKE | 80 | 22 |
| SCALE N.T.S. | | | SHEET NO. - OF - SHEETS | |
| STA. - TO STA. - | | | CONTRACT # 61E14 | |

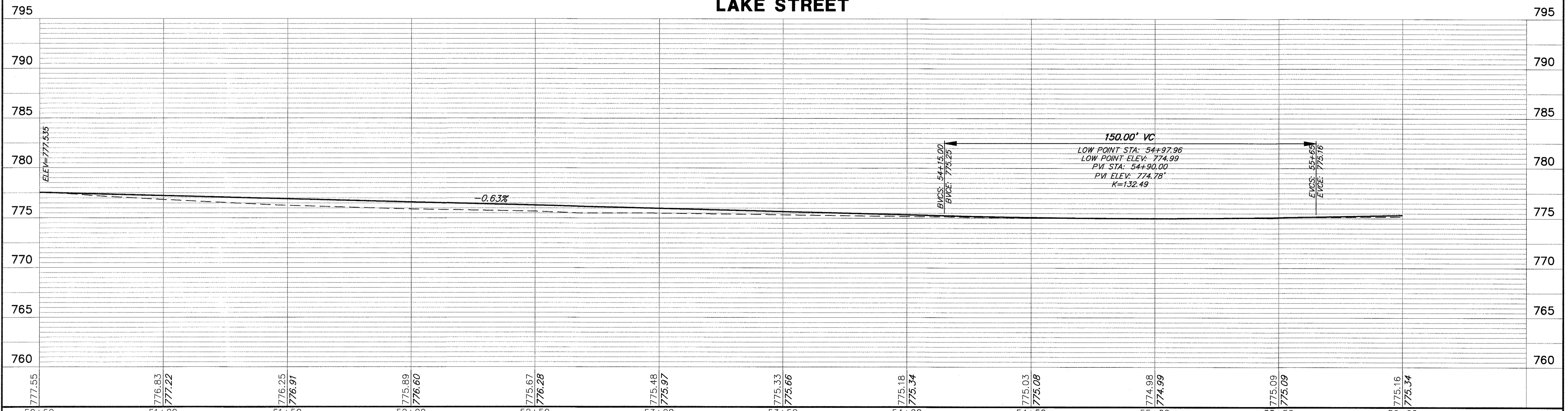
ILLINOIS FED. AID PROJECT

PROPOSED LEGEND

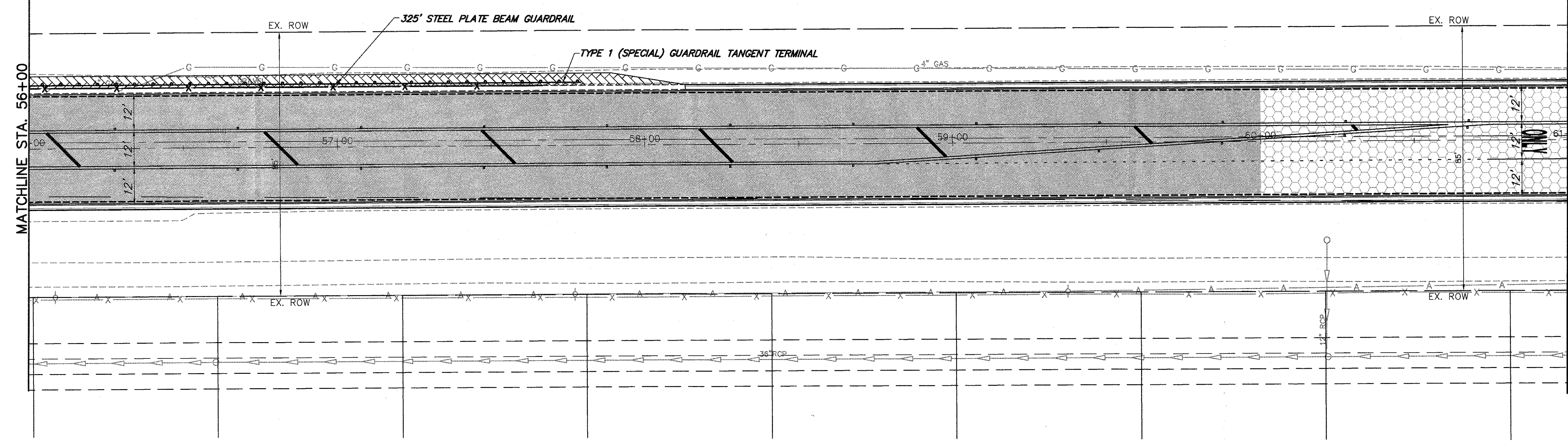
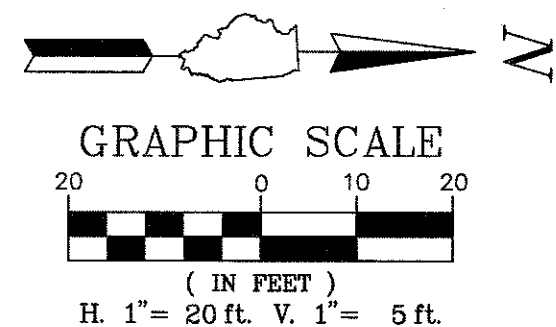
- HMA SURFACE COURSE MIX D, N50, 1.75" POLYMERIZED LEVEL BINDER (mm), IL-4.75, N50
- HMA SURFACE COURSE MIX D, N50, 3" (BIKE PATH/HMA DRIVEWAY)
- HMA SHOULDERS, 6"
- GUARDRAIL
- PCC SIDEWALK, 5"
- HMA SURFACE COURSE MIX D, N50, 1.75" HMA BINDER COURSE, IL-19.0 (VAR. DEPTH)
- DETECTABLE WARNINGS
- B6.12 CURB & GUTTER (REGULAR)
- B6.12 CURB & GUTTER (DEPRESSED)



LAKE STREET

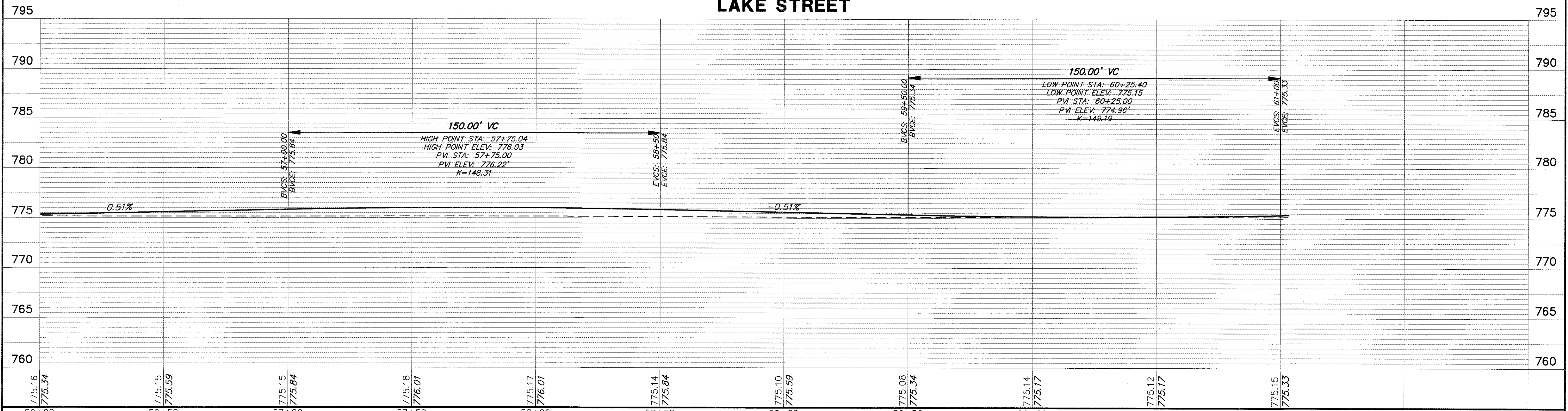


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| FILE NAME = 4990-400-pr3.dwg | USER NAME = GEORGE WHITTEN | DESIGNED - KLB | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PLAN AND PROFILE LAKE STREET ROADWAY IMPROVEMENTS | FALL RTE 0195 | SECTION 15-00065-00-RS | COUNTY LAKE | TOTAL SHEETS 80 | SHEET NO. 23 | |
| | PLOT SCALE = 1" = .0833' | DRAWN - GW3 | REVISED - | | | SCALE AS NOTED | SHEET NO. - OF - SHEETS | STA. - TO STA. - | CONTRACT # 61E14 | | ILLINOIS FED. AID PROJECT |
| | PLOT DATE = 8/7/2017 9:07 AM | CHECKED - KLB | REVISED - | | | | | | | | |
| | | DATE - | REVISED - | | | | | | | | |

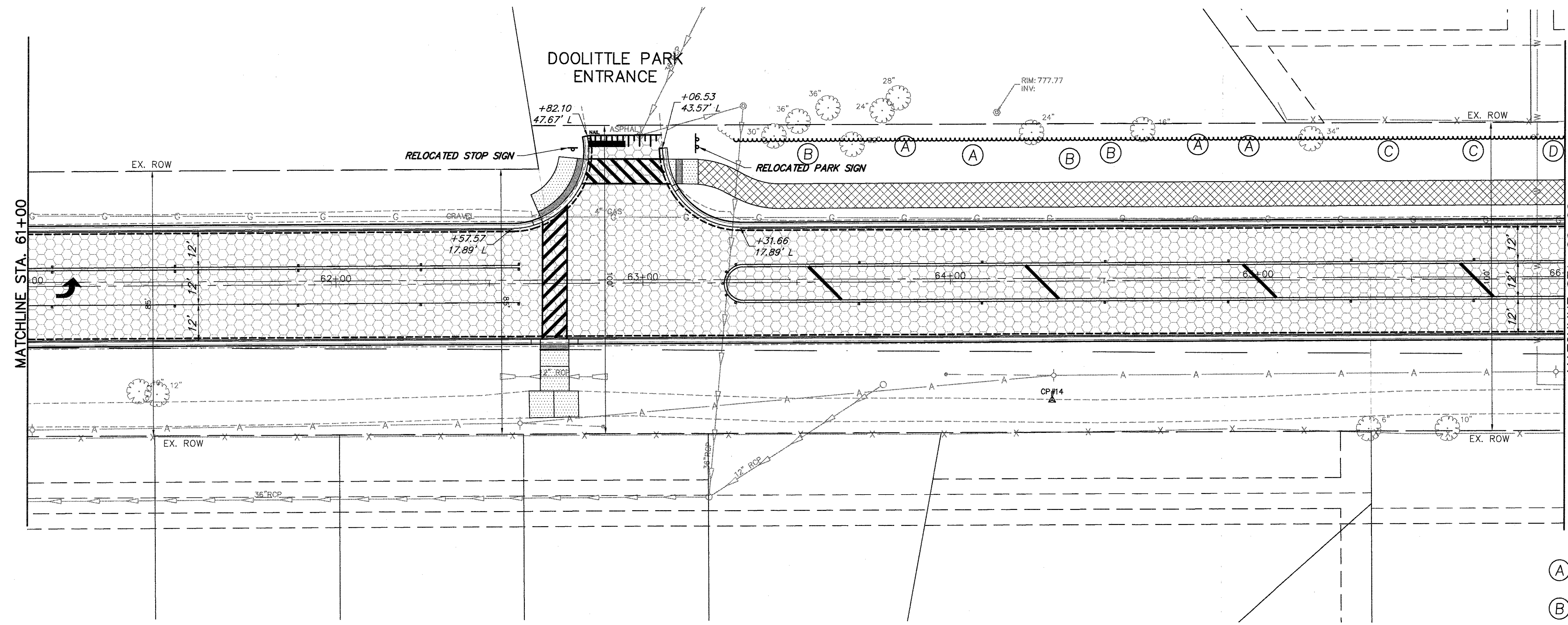
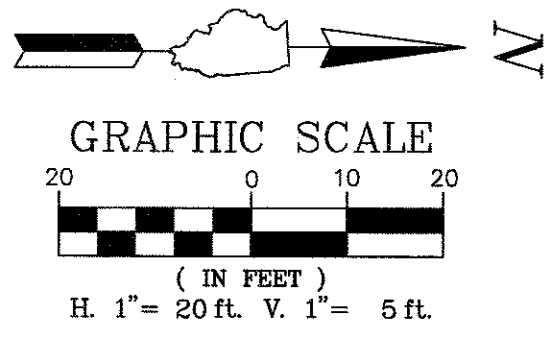


- PROPOSED LEGEND**
- HMA SURFACE COURSE MIX D, N50, 1.75" POLYMERIZED LEVEL BINDER (mm), IL-4.75, N50
 - HMA SURFACE COURSE MIX D, N50, 3" (BIKE PATH/HMA DRIVEWAY)
 - HMA SHOULDERS, 6"
 - GUARDRAIL
 - PCC SIDEWALK, 5"
 - HMA SURFACE COURSE MIX D, N50, 1.75" HMA BINDER COURSE, IL-19.0 (VAR. DEPTH)
 - DETECTABLE WARNINGS
 - B6.12 CURB & GUTTER (REGULAR)
 - B6.12 CURB & GUTTER (DEPRESSED)

LAKE STREET



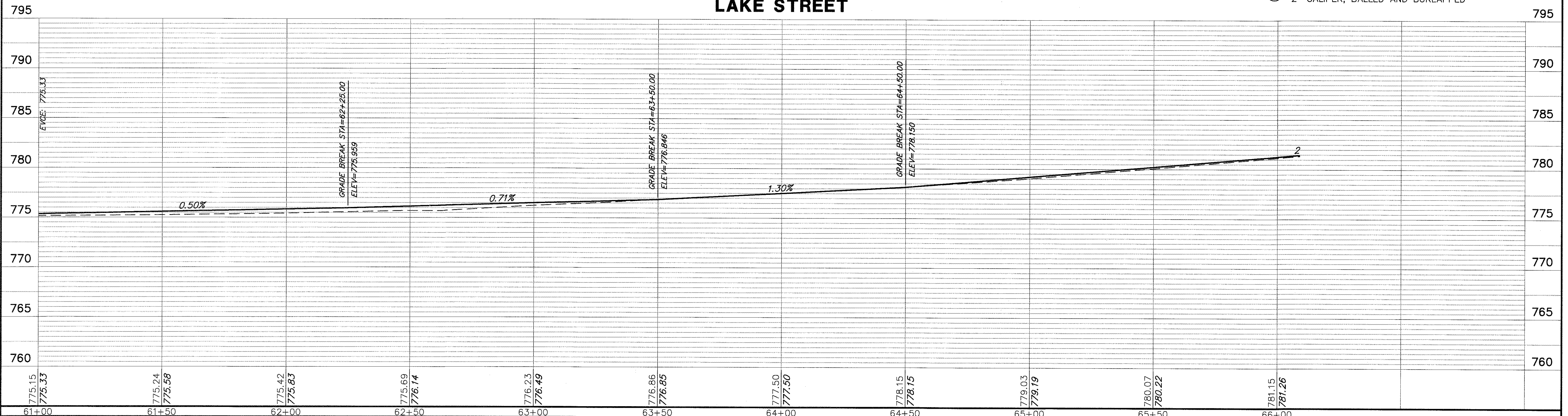
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|------------------------------|------------------------------|----------------|-----------|---|--|-------------------------|------------------|---------------|------------------------|---------------------------|-----------------|--------------|
| FILE NAME = 4990-400-pr3.dwg | USER NAME = GEORGE WHITTEN | DESIGNED - KLB | REVISIONS | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PLAN AND PROFILE LAKE STREET ROADWAY IMPROVEMENTS | | | FAU RTE. 0195 | SECTION 15-00065-00-RS | COUNTY LAKE | TOTAL SHEETS 80 | SHEET NO. 24 |
| | PLOT SCALE = 1" = .0833' | DRAWN - GW3 | REVISIONS | | SCALE AS NOTED | SHEET NO. - OF - SHEETS | STA. - TO STA. - | CONTRACT # | | ILLINOIS FED. AID PROJECT | | |
| | PLOT DATE = 8/7/2017 9:02 AM | CHECKED - KLB | REVISIONS | | | | | | | | | |
| | | DATE - | REVISIONS | | | | | | | | | |



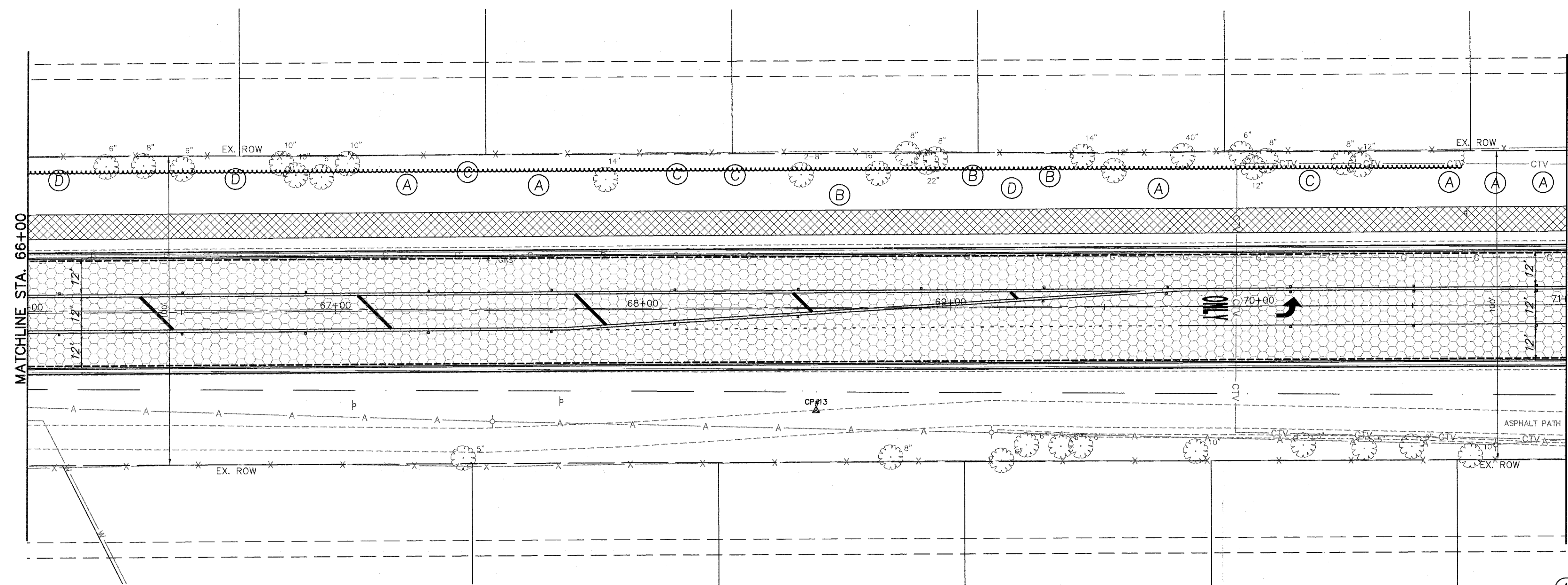
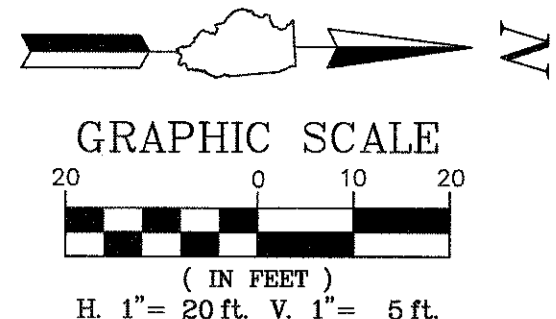
- PROPOSED LEGEND**
- HMA SURFACE COURSE MIX D, N50, 1.75" POLYMERIZED LEVEL BINDER (mm), IL-4.75, N50
 - HMA SURFACE COURSE MIX D, N50, 3" (BIKE PATH/HMA DRIVEWAY)
 - HMA SHOULDERS, 6"
 - GUARDRAIL
 - PCC SIDEWALK, 5"
 - HMA SURFACE COURSE MIX D, N50, 1.75" HMA BINDER COURSE, IL-19.0 (VAR. DEPT)
 - DETECTABLE WARNINGS
 - B6.12 CURB & GUTTER (REGULAR)
 - B6.12 CURB & GUTTER (DEPRESSED)

- PROPOSED TREE LEGEND**
- (A) TREE, CRATAEGUS CRUGALLI INERMIS (THORNLESS COCKSPUR HAWTHORN), 2-1/2" CALIPER, BALLED AND BURLAPPED
 - (B) TREE, MALUS DAVID (DAVID CRABAPPLE) 2 1/2" CALIPER, TREE FORM, BALLED AND BURLAPPED
 - (C) TREE, TILIA AMERICANA (AMERICAN LINDEN/BASSWOOD) 2" CALIPER, BALLED AND BURLAPPED
 - (D) TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY) 2" CALIPER, BALLED AND BURLAPPED

LAKE STREET

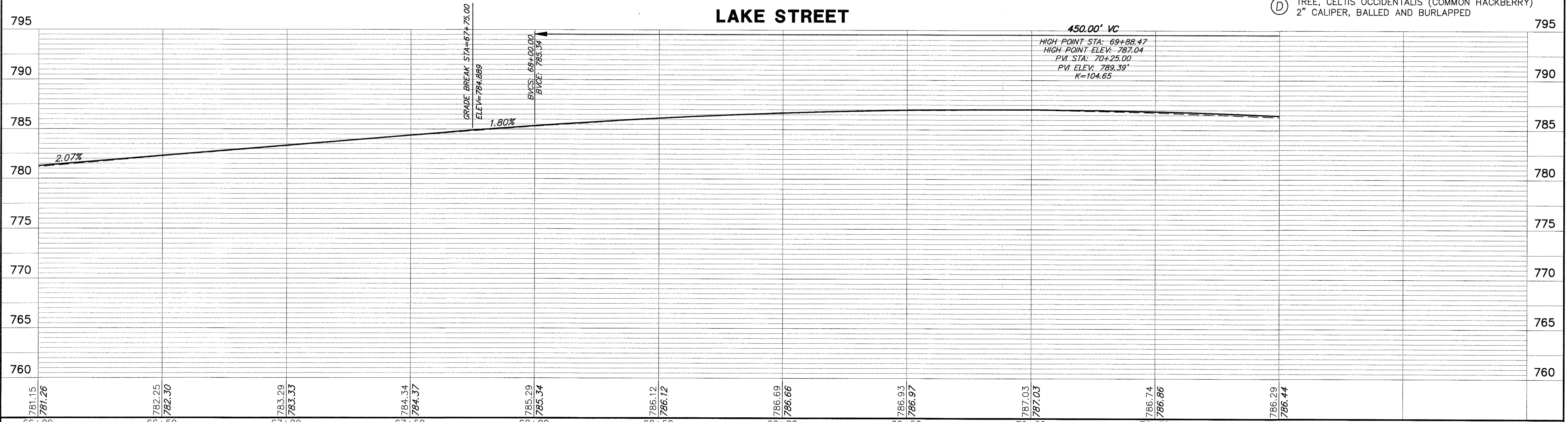


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| FILE NAME = 4990-400-pr3.dwg | USER NAME = GEORGE WHITTEN | DESIGNED - KLB | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PLAN AND PROFILE LAKE STREET ROADWAY IMPROVEMENTS | | | FAU. RTE. 0195 | SECTION 15-00065-00-RS | COUNTY LAKE | TOTAL SHEETS 80 | SHEET NO. 25 |
| | PLOT SCALE = 1" = .0833' | DRAWN - GW3 | REVISED - | | SCALE AS NOTED | SHEET NO. - OF - SHEETS | STA. - TO STA. - | CONTRACT # 61E14 | | ILLINOIS FED. AID PROJECT | | |
| | PLOT DATE = 8/7/2017 7:41 AM | CHECKED - KLB | REVISED - | | | | | | | | | |
| | | DATE - | REVISED - | | | | | | | | | |

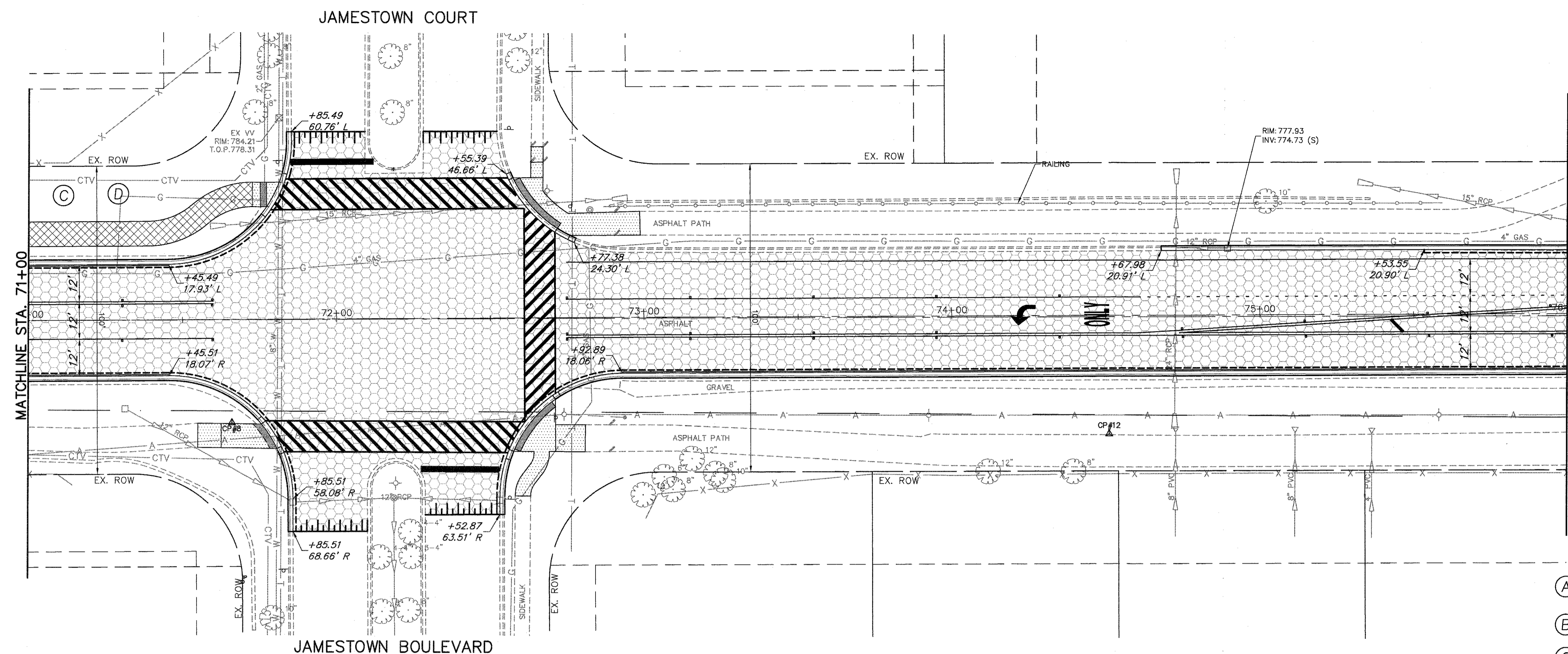
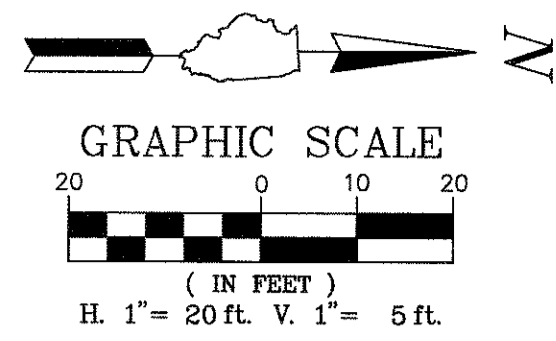


- PROPOSED LEGEND**
- HMA SURFACE COURSE MIX D, N50, 1.75" POLYMERIZED LEVEL BINDER (mm), IL-4.75, N50
 - HMA SURFACE COURSE MIX D, N50, 3" (BIKE PATH/HMA DRIVEWAY)
 - HMA SHOULDERS, 6"
 - GUARDRAIL
 - PCC SIDEWALK, 5"
 - HMA SURFACE COURSE MIX D, N50, 1.75" HMA BINDER COURSE, IL-19.0 (VAR. DEPTH)
 - DETECTABLE WARNINGS
 - B6.12 CURB & GUTTER (REGULAR)
 - B6.12 CURB & GUTTER (DEPRESSED)

- PROPOSED TREE LEGEND**
- TREE, CRATAEGUS CRUSGALLI INERMIS (THORNLESS COCKSPUR HAWTHORN), 2-1/2" CALIPER, BALLED AND BURLAPPED
 - TREE, MALUS DAVID (DAVID CRABAPPLE) 2 1/2" CALIPER, TREE FORM, BALLED AND BURLAPPED
 - TREE, TILIA AMERICANA (AMERICAN LINDEN/BASSWOOD) 2" CALIPER, BALLED AND BURLAPPED
 - TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY) 2" CALIPER, BALLED AND BURLAPPED

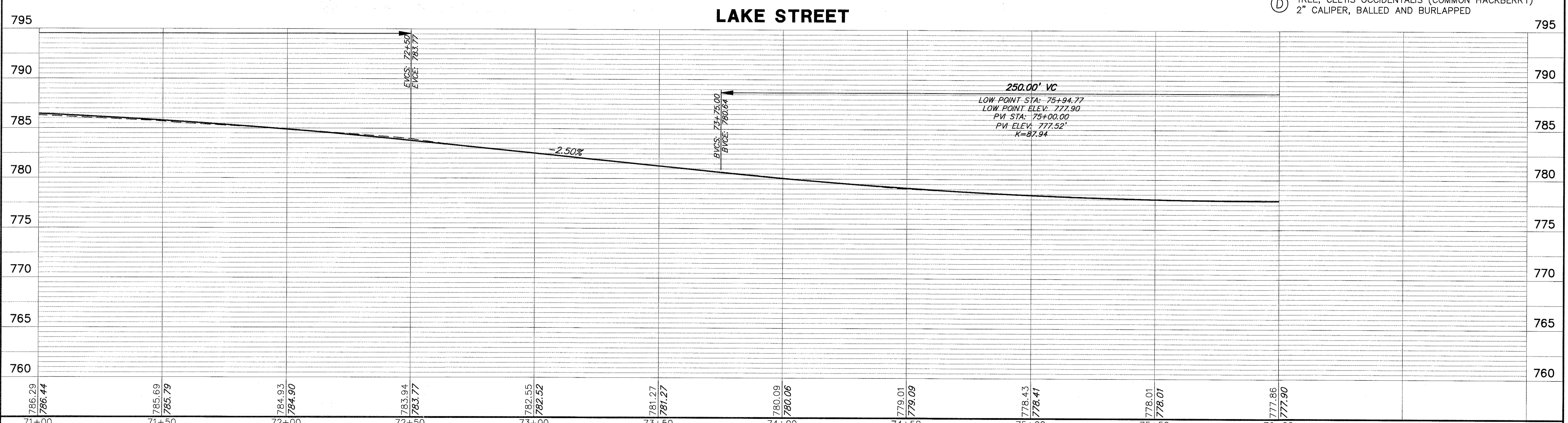


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|------------------------------|------------------------------|----------------|-----------|---|--|-------------------------|------------------|------------------|------------------------|---------------------------|-----------------|--------------|
| FILE NAME = 4990-400-pr3.dwg | USER NAME = GEORGE WHITTEN | DESIGNED - KLB | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PLAN AND PROFILE LAKE STREET ROADWAY IMPROVEMENTS | | | FAL. RTE. 0195 | SECTION 15-00065-00-RS | COUNTY LAKE | TOTAL SHEETS 80 | SHEET NO. 26 |
| | PLOT SCALE = 1" = .0833' | DRAWN - GW3 | REVISED - | | SCALE AS NOTED | SHEET NO. - OF - SHEETS | STA. - TO STA. - | CONTRACT # 61E14 | | ILLINOIS FED. AID PROJECT | | |
| | PLOT DATE = 8/7/2017 7:39 AM | CHECKED - KLB | REVISED - | | | | | | | | | |
| | | DATE - | REVISED - | | | | | | | | | |

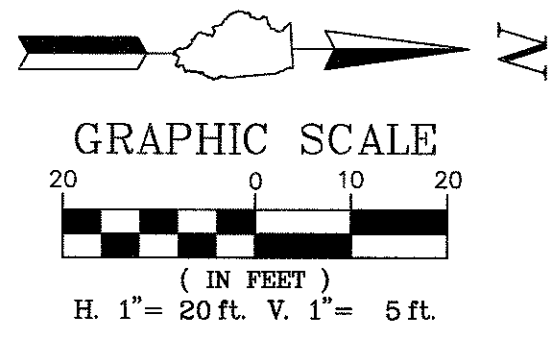


- PROPOSED LEGEND**
- HMA SURFACE COURSE MIX D, N50, 1.75" POLYMERIZED LEVEL BINDER (mm), IL-4.75, N50
 - HMA SURFACE COURSE MIX D, N50, 3" (BIKE PATH/HMA DRIVEWAY)
 - HMA SHOULDERS, 6"
 - GUARDRAIL
 - PCC SIDEWALK, 5"
 - HMA SURFACE COURSE MIX D, N50, 1.75" HMA BINDER COURSE, IL-19.0 (VAR. DEPTH)
 - DETECTABLE WARNINGS
 - B6.12 CURB & GUTTER (REGULAR)
 - B6.12 CURB & GUTTER (DEPRESSED)

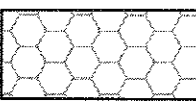


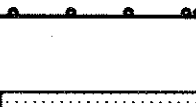
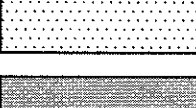


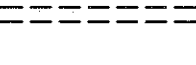

- PROPOSED TREE LEGEND**
- (A) TREE, CRATAEGUS CRUSGALLI INERMIS (THORNLESS COCKSPUR HAWTHORN), 2-1/2" CALIPER, BALLED AND BURLAPPED
 - (B) TREE, MALUS DAVID (DAVID CRABAPPLE) 2 1/2" CALIPER, TREE FORM, BALLED AND BURLAPPED
 - (C) TREE, TILIA AMERICANA (AMERICAN LINDEN/BASSWOOD) 2" CALIPER, BALLED AND BURLAPPED
 - (D) TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY) 2" CALIPER, BALLED AND BURLAPPED

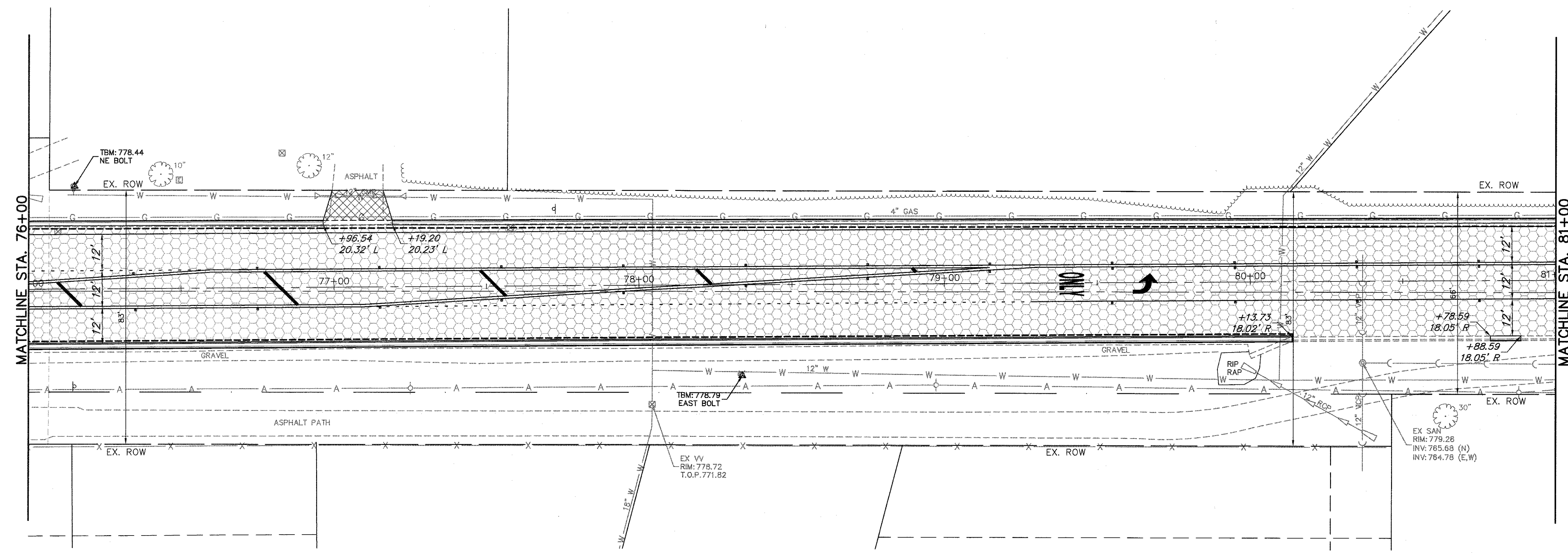


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|------------------------------|------------------------------|----------------|-----------|---|--|-------------------------|------------------|------------------|------------------------|-------------|-----------------|--------------|
| FILE NAME = 4990-400-pr3.dwg | USER NAME = GEORGE WHITTEN | DESIGNED - KLB | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PLAN AND PROFILE LAKE STREET ROADWAY IMPROVEMENTS | | | FALL RTE 0195 | SECTION 15-00065-00-RS | COUNTY LAKE | TOTAL SHEETS 80 | SHEET NO. 27 |
| | PLOT SCALE = 1" = .0833' | DRAWN - GW3 | REVISED - | | SCALE AS NOTED | SHEET NO. - OF - SHEETS | STA. - TO STA. - | CONTRACT # 61E14 | | | | |
| | PLOT DATE = 8/7/2017 7:35 AM | CHECKED - KLB | REVISED - | | ILLINOIS FED. AID PROJECT | | | | | | | |
| | | DATE - | REVISED - | | | | | | | | | |

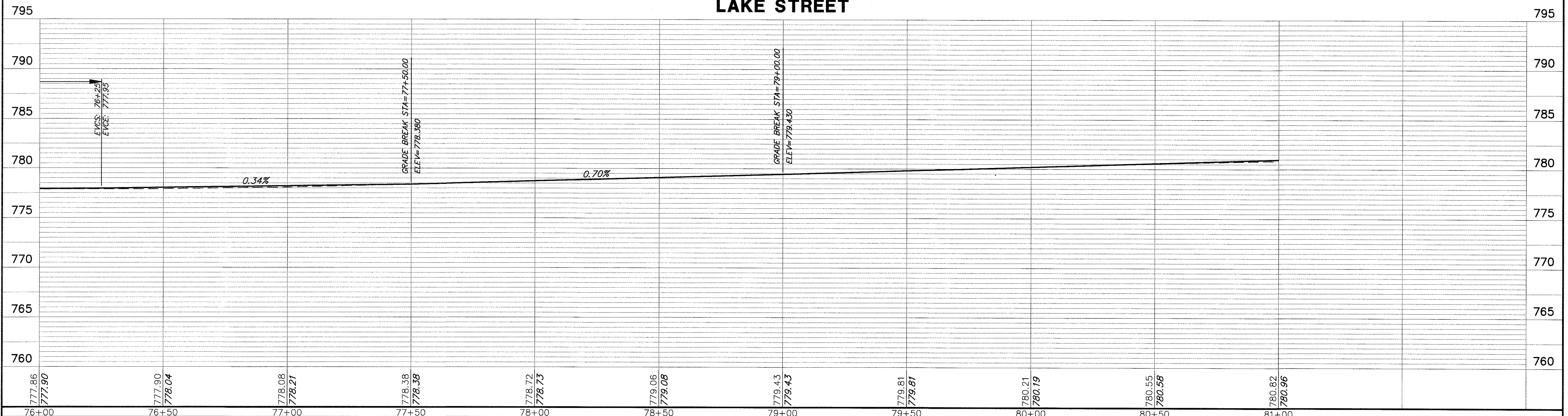


PROPOSED LEGEND

-  HMA SURFACE COURSE MIX D, N50, 1.75" POLYMERIZED LEVEL BINDER (mm), IL-4.75, N50
-  HMA SURFACE COURSE MIX D, N50, 3" (BIKE PATH/HMA DRIVEWAY)
-  HMA SHOULDERS, 6"
-  GUARDRAIL
-  PCC SIDEWALK, 5"
-  HMA SURFACE COURSE MIX D, N50, 1.75" HMA BINDER COURSE, IL-19.0 (VAR. DEPT)
-  DETECTABLE WARNINGS
-  B6.12 CURB & GUTTER (REGULAR)
-  B6.12 CURB & GUTTER (DEPRESSED)

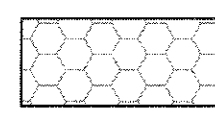
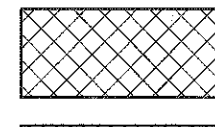
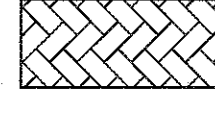
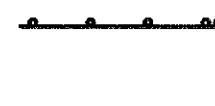
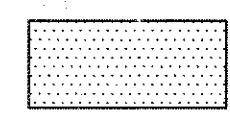
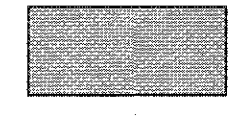
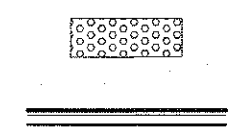
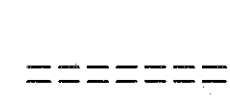



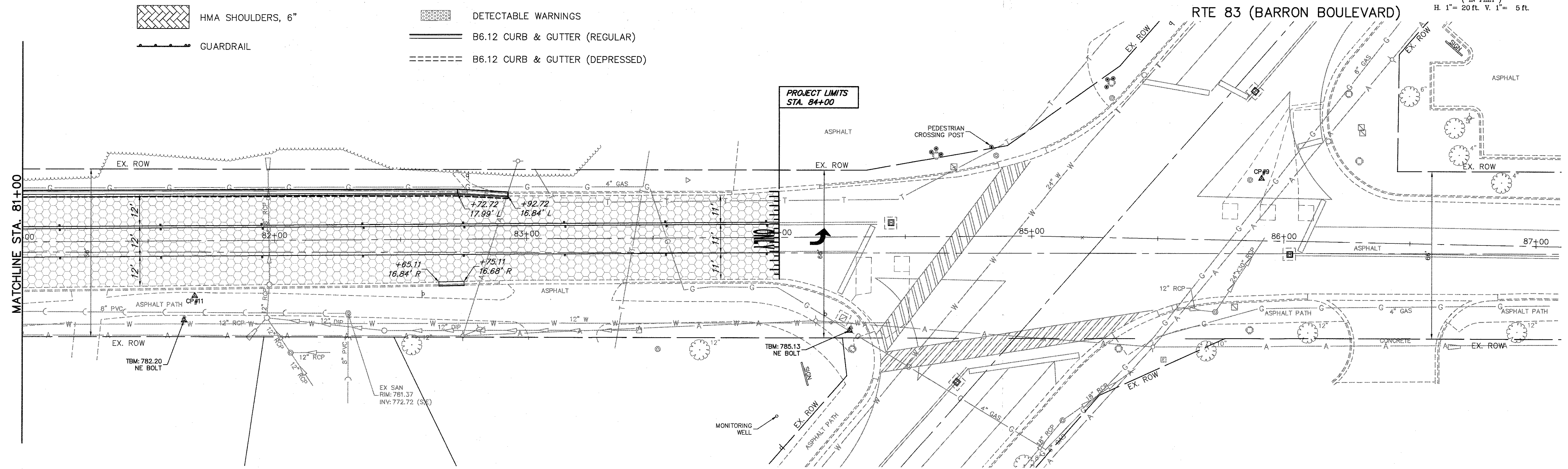
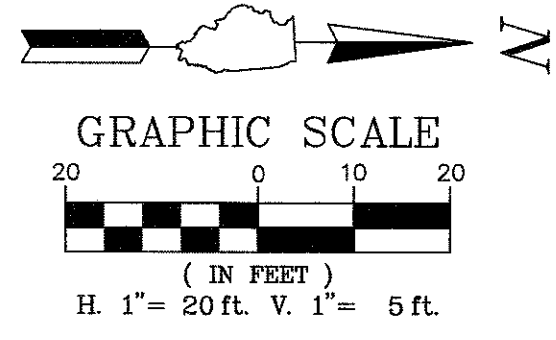
LAKE STREET



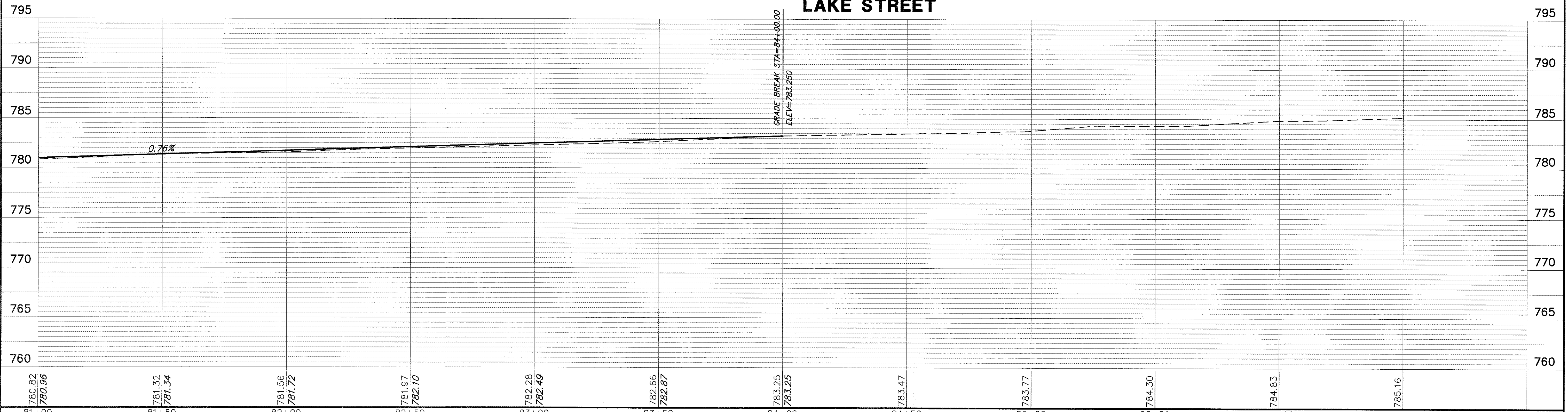
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| FILE NAME = 4990-400-pr3.dwg | USER NAME = GEORGE WHITTEN | DESIGNED - KLB | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PLAN AND PROFILE LAKE STREET ROADWAY IMPROVEMENTS | | | FALL RITE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | | DRAWN - GW3 | REVISED - | | SCALE AS NOTED SHEET NO. - OF - SHEETS STA. - TO STA. - | | | 0195 | 15-00065-00-RS | LAKE | 80 | 28 |
| | | CHECKED - KLB | REVISED - | | | | | CONTRACT # 61E14 | | | | |
| | | DATE - | REVISED - | | ILLINOIS FED. AID PROJECT | | | | | | | |

PROPOSED LEGEND

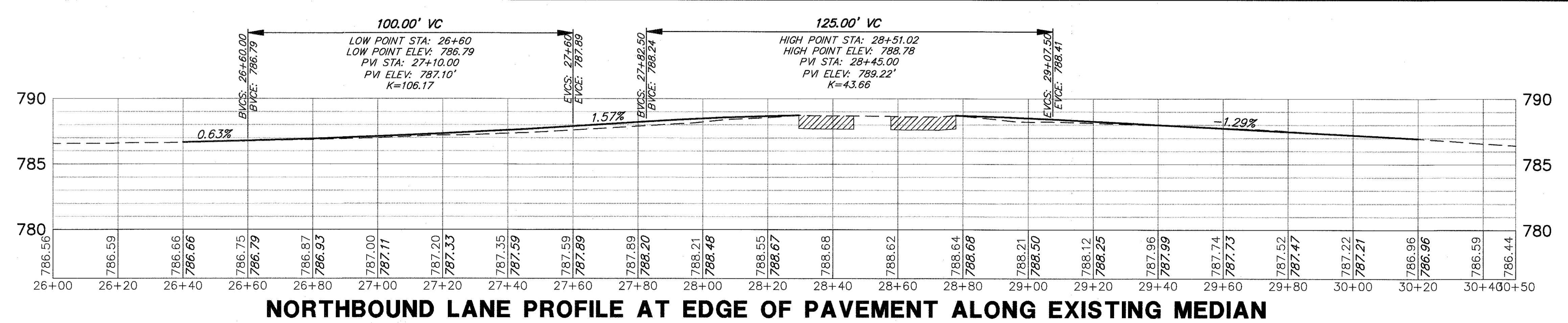
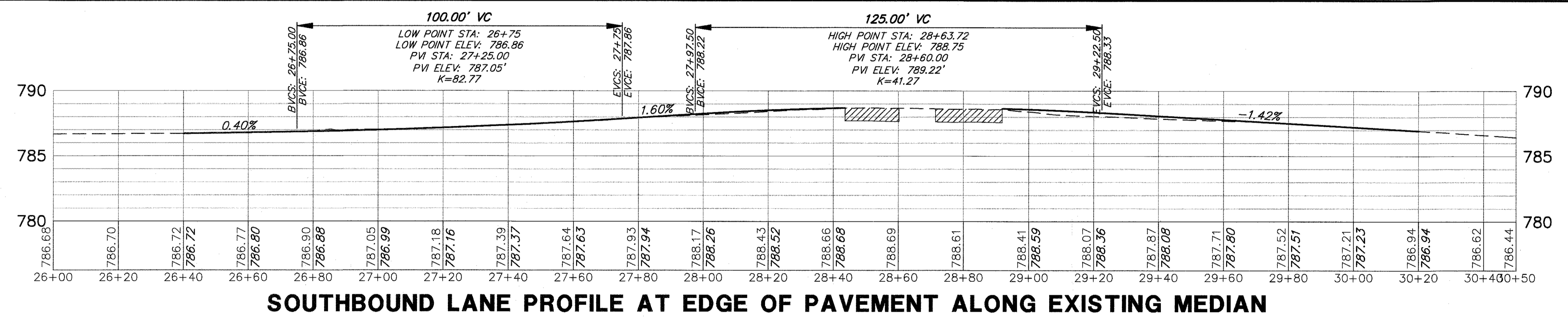
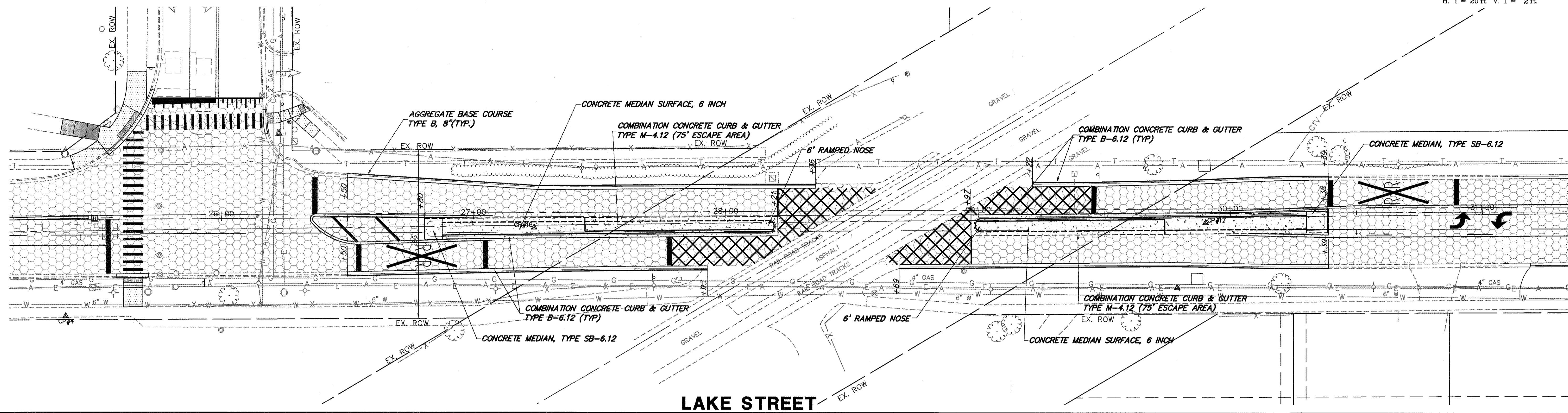
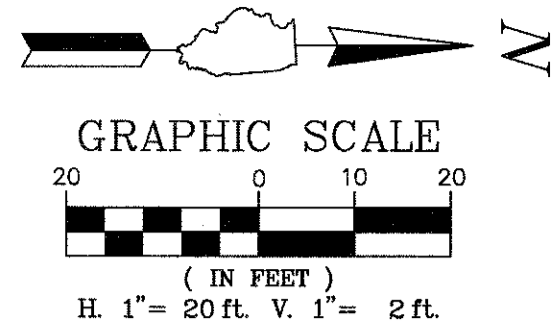
-  HMA SURFACE COURSE MIX D, N50, 1.75" POLYMERIZED LEVEL BINDER (mm), IL-4.75, N50
-  HMA SURFACE COURSE MIX D, N50, 3" (BIKE PATH/HMA DRIVEWAY)
-  HMA SHOULDERS, 6"
-  GUARDRAIL
-  PCC SIDEWALK, 5"
-  HMA SURFACE COURSE MIX D, N50, 1.75" HMA BINDER COURSE, IL-19.0 (VAR. DEPT)
-  DETECTABLE WARNINGS
-  B6.12 CURB & GUTTER (REGULAR)
-  B6.12 CURB & GUTTER (DEPRESSED)



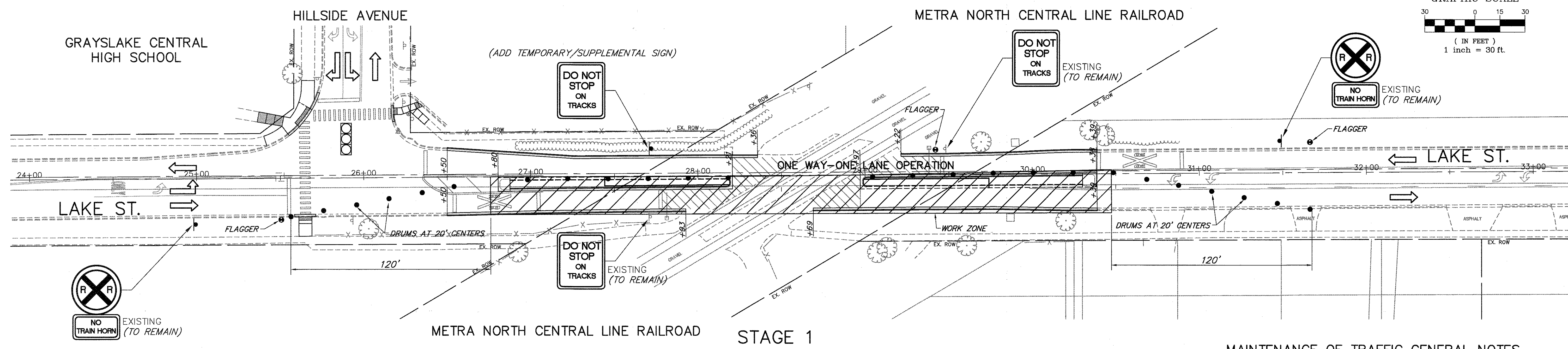
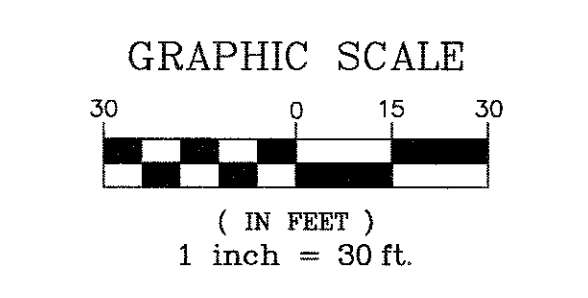
LAKE STREET



| | | | | | | | | | | | |
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| FILE NAME = 4990-400-pr3.dwg | USER NAME = GEORGE WHITTEN | DESIGNED - KLB | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PLAN AND PROFILE LAKE STREET ROADWAY IMPROVEMENTS | FALL RTE 0195 | SECTION 15-00065-00-RS | COUNTY LAKE | TOTAL SHEETS 80 | SHEET NO. 29 | |
| PLOT SCALE = 1" = .0833' | | CHECKED - KLB | REVISED - | | | SCALE AS NOTED | | SHEET NO. - OF - SHEETS | | CONTRACT # 61E14 | |
| PLOT DATE = 8/7/2017 7:38 AM | | DATE - | REVISED - | | | STA. - TO STA. - | | ILLINOIS FED. AID PROJECT | | | |



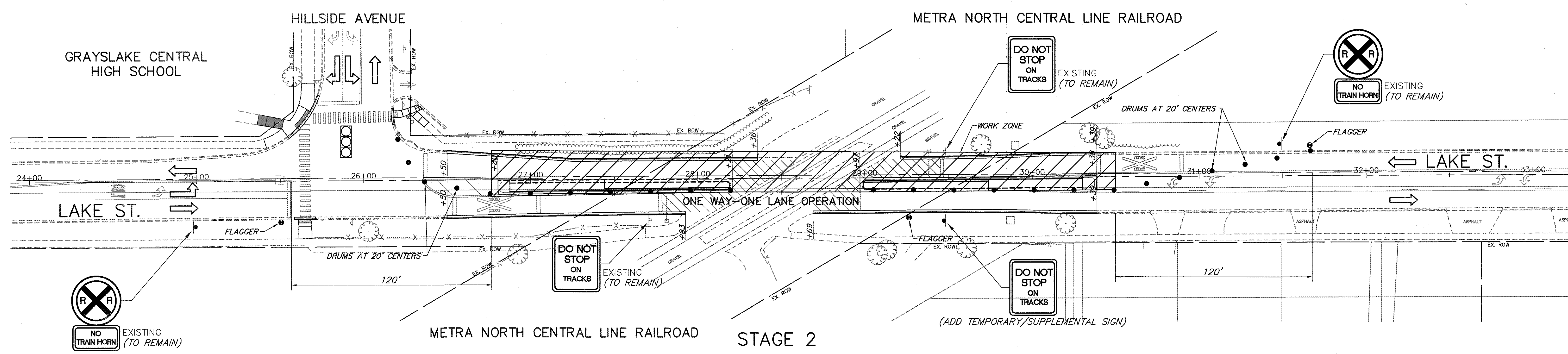
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| FILE NAME = 4990-400-pr3.dwg | USER NAME = GEORGE WHITTEN | DESIGNED - KLB | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | RAILROAD CROSSING PLAN AND PROFILE LAKE STREET ROADWAY IMPROVEMENTS | FAU. RTE. 0195 | SECTION 15-00065-00-RS | COUNTY LAKE | TOTAL SHEETS 80 | SHEET NO. 30 | | |
| | PLOT SCALE = 1" = .0833' | DRAWN - GW3 | REVISED - | | | SCALE AS NOTED | SHEET NO. - OF - SHEETS | STA. - | TO STA. - | CONTRACT # 61E14 | | |
| | PLOT DATE = 8/7/2017 9:38 AM | CHECKED - KLB | REVISED - | | | ILLINOIS FED. AID PROJECT | | | | | | |
| | | DATE - | REVISED - | | | | | | | | | |



METRA NORTH CENTRAL LINE RAILROAD STAGE 1

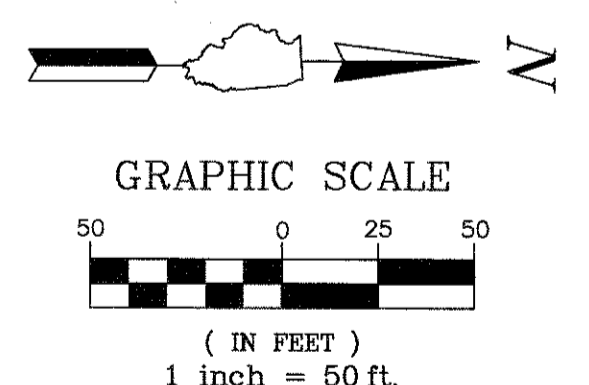
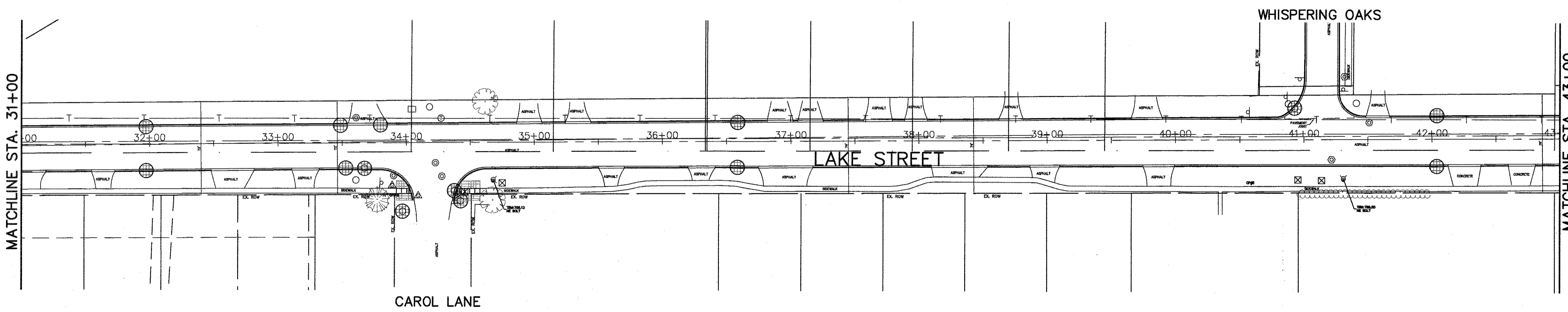
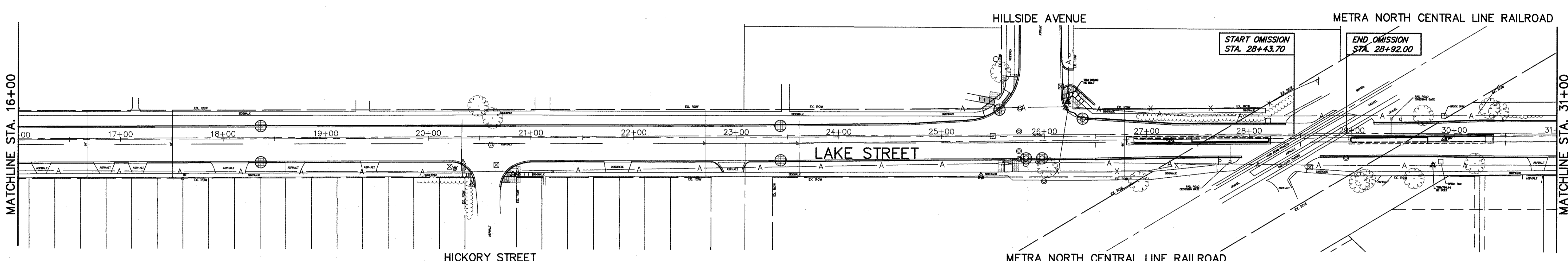
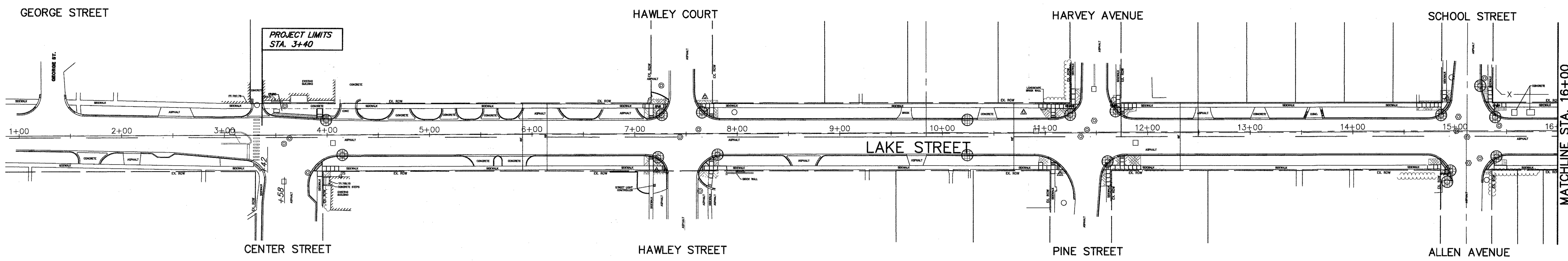
MAINTENANCE OF TRAFFIC GENERAL NOTES

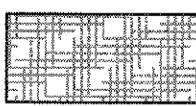

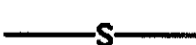
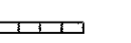
1. HIGHWAY STANDARD 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED SHALL BE USED FOR THE REPLACEMENT OF CURB AND GUTTER AND RESURFACING WITHIN THE PROXIMITY OF THE METRA NORTH CENTRAL LINE RAILROAD.
2. ONE-WAY ONE-LANE OPERATIONS WITH FLAGGERS WILL BE ALLOWED BETWEEN THE HOURS OF 9:00 AM AND 3:00 PM, MONDAY THRU FRIDAY. CONTRACTOR SHALL MAINTAIN TWO-WAY TWO-LANE OPERATIONS AT ALL OTHER TIMES.
3. THE CONTRACTOR SHALL PROVIDE SUFFICIENT FLAGGER OPERATIONS TO DIRECT NORTHBOUND AND SOUTHBOUND TRAFFIC AS WELL AS TRAFFIC ON HILLSIDE AVENUE.



METRA NORTH CENTRAL LINE RAILROAD STAGE 2

| | | | | | | | | | | | | |
|------------------------------|-------------------------------|----------------|-----------|---|--|-------------------------|------------------|------------------|------------------------|-------------|-----------------|--------------|
| FILE NAME = 4990-400-pr3.dwg | USER NAME = GEORGE WHITTEN | DESIGNED - KLB | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | TRAFFIC MAINTENANCE PLAN LAKE STREET ROADWAY IMPROVEMENTS | | | FAU. RTE. 0195 | SECTION 15-00065-00-RS | COUNTY LAKE | TOTAL SHEETS 80 | SHEET NO. 31 |
| | PLOT SCALE = 1" = .0833' | CHECKED - KLB | REVISED - | | SCALE 1"=30' | SHEET NO. - OF - SHEETS | STA. - TO STA. - | CONTRACT # 61E14 | | | | |
| | PLOT DATE = 8/29/2017 2:25 PM | DATE - | REVISED - | | ILLINOIS FED. AID PROJECT | | | | | | | |



- EROSION LEGEND**
-  SEEDING CLASS 2A TOPSOIL FURNISH AND PLACE, 4"
 -  INLET AND PIPE PROTECTION
 -  PERIMETER EROSION BARRIER
 -  TEMPORARY DITCH CHECK

FILE NAME = 4990-400-pr3.dwg
 USER NAME = GEORGE WHITTEN
 PLOT SCALE = 1" = .0833'
 PLOT DATE = 9/13/2017 1:45 PM

DESIGNED - KLB
 DRAWN - GW3
 CHECKED - KLB
 DATE -

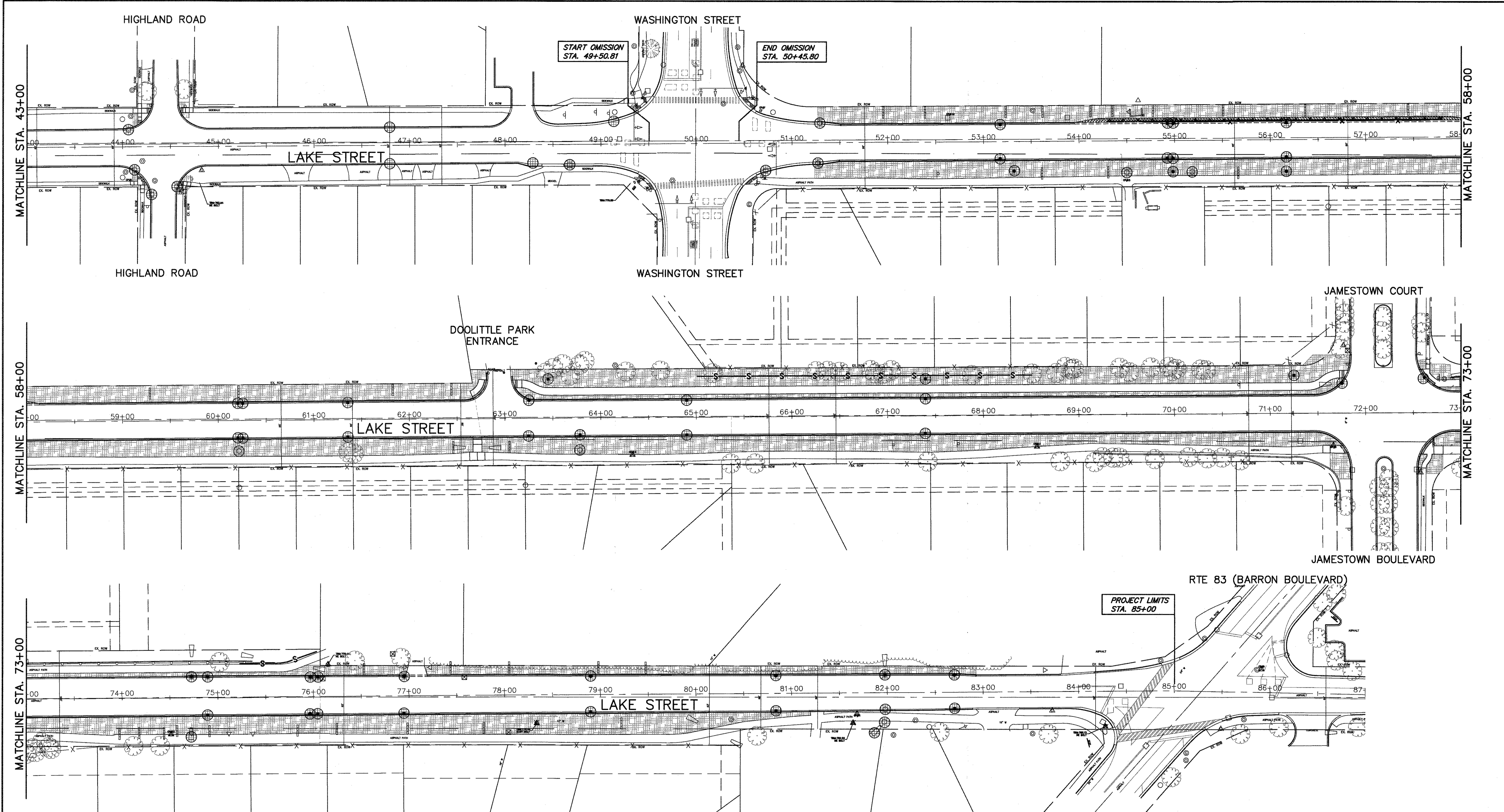
REVISED -
 REVISED -
 REVISED -
 REVISED -




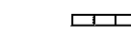
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

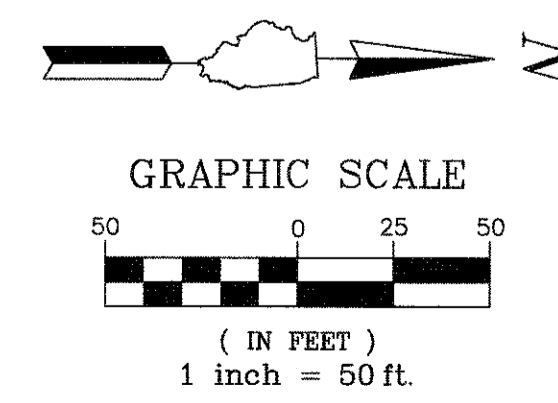
**EROSION AND SEDIMENT CONTROL PLAN
 LAKE STREET ROADWAY IMPROVEMENTS**

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

| FALL RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 0195 | 15-00065-00-RS | LAKE | 80 | 32 |
| CONTRACT # | | | 61E14 | |
| ILLINOIS FED. AID PROJECT | | | | |



- EROSION LEGEND**
-  SEEDING CLASS 2A
TOPSOIL FURNISH AND PLACE, 4"
 -  INLET AND PIPE PROTECTION
 -  PERIMETER EROSION BARRIER
 -  TEMPORARY DITCH CHECK



| | | | |
|------------------------------|-------------------------------|----------------|-----------|
| FILE NAME = 4990-400-pr3.dwg | USER NAME = GEORGE WHITTEN | DESIGNED - KLB | REVISED - |
| | | DRAWN - CW3 | REVISED - |
| | PLOT SCALE = 1" = .0833' | CHECKED - KLB | REVISED - |
| | PLOT DATE = 9/5/2017 10:46 AM | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | | | |
|---|-------------------------|------------------|--|
| EROSION AND SEDIMENT CONTROL PLAN LAKE STREET ROADWAY IMPROVEMENTS | | | |
| SCALE 1"=50' | SHEET NO. - OF - SHEETS | STA. - TO STA. - | |

| | | | | |
|---------------------------|----------------|--------|-----------------|--------------|
| FALU RTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 0195 | 15-00065-00-RS | LAKE | 80 | 33 |
| CONTRACT # | | | 61E14 | |
| ILLINOIS FED. AID PROJECT | | | | |

**LAKE COUNTY STORMWATER MANAGEMENT COMMISSION
SOIL EROSION AND SEDIMENT CONTROL CONSTRUCTION NOTES**

- SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.
- FOR THOSE DEVELOPMENTS THAT REQUIRE A DESIGNATED EROSION CONTROL INSPECTOR (DECI), INSPECTIONS AND DOCUMENTATION SHALL BE PERFORMED, AT A MINIMUM:
 - UPON COMPLETION OF SEDIMENT AND RUNOFF CONTROL MEASURES (INCLUDING PERIMETER CONTROLS AND DIVERSIONS), PRIOR TO PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING.
 - AFTER EVERY SEVEN (7) CALENDAR DAYS OR STORM EVENT WITH GREATER THAN 0.5 INCH OF RAINFALL OR LIQUID EQUIVALENT PRECIPITATION.
- SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. IF STRIPPING, CLEARING, GRADING, OR LANDSCAPING ARE TO BE DONE IN PHASES, THE PERMITTEE SHALL PLAN FOR APPROPRIATE SOIL EROSION AND SEDIMENT CONTROL MEASURES.
- A STABILIZED MAT OF CRUSHED STONE MEETING IDOT GRADATION CA-1 UNDERLAIN WITH FILTER FABRIC AND IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL, OR OTHER APPROPRIATE MEASURE(S) AS APPROVED BY THE ENFORCEMENT OFFICER, SHALL BE INSTALLED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE. SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.
- TEMPORARY DIVERSIONS SHALL BE CONSTRUCTED AS NECESSARY TO DIRECT ALL RUNOFF FROM HYDROLOGICALLY DISTURBED AREAS TO AN APPROPRIATE SEDIMENT TRAP OR BASIN.
- DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN SEVEN (7) CALENDAR DAYS FOLLOWING THE END OF ACTIVE HYDROLOGIC DISTURBANCE OR REDISTURBANCE.
- ALL STOCKPILES SHALL HAVE APPROPRIATE MEASURES TO PREVENT EROSION. STOCKPILES SHALL NOT BE PLACED IN FLOOD PRONE AREAS OR WETLANDS AND DESIGNATED BUFFERS.
- SLOPES STEEPER THAN 3H:1V SHALL BE STABILIZED WITH APPROPRIATE MEASURES AS APPROVED BY THE ENFORCEMENT OFFICER.
- APPROPRIATE EROSION CONTROL BLANKET SHALL BE INSTALLED ON ALL INTERIOR DETENTION BASIN SIDE SLOPES BETWEEN THE NORMAL WATER LEVEL AND HIGH WATER LEVEL.
- STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY AN APPROPRIATE SEDIMENT CONTROL MEASURE.
- IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. DISCHARGES SHALL BE ROUTED THROUGH AN APPROVED ANIONIC POLYMER DEWATERING SYSTEM OR A SIMILAR MEASURE AS APPROVED BY THE ENFORCEMENT OFFICER. DEWATERING SYSTEMS SHOULD BE INSPECTED DAILY DURING OPERATIONAL PERIODS. THE ENFORCEMENT OFFICER, OR APPROVED REPRESENTATIVE, MUST BE PRESENT AT THE COMMENCEMENT OF DEWATERING ACTIVITIES.
- IF INSTALLED SOIL EROSION AND SEDIMENT CONTROL MEASURES DO NOT MINIMIZE SEDIMENT LEAVING THE DEVELOPMENT SITE, ADDITIONAL MEASURES SUCH AS ANIONIC POLYMERS OR FILTRATION SYSTEMS MAY BE REQUIRED BY THE ENFORCEMENT OFFICER.
- ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED. THE PROPERTY OWNER SHALL BE ULTIMATELY RESPONSIBLE FOR MAINTENANCE AND REPAIR.
- ALL TEMPORARY SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.
- THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER, ENFORCEMENT OFFICER, OR OTHER GOVERNING AGENCY.



**STORMWATER MANAGEMENT COMMISSION
TYPICAL CONSTRUCTION SEQUENCING**

- Installation of soil erosion and sediment control SE/SC measures
 - Selective vegetation removal for silt fence installation
 - Silt fence installation
 - Construction fencing around areas not to be disturbed
 - Stabilized construction entrance
- Tree removal where necessary (clear & grub)
- Construct sediment trapping devices (sediment traps, basins...)
- Construct detention facilities and outlet control structure with restrictor & temporary perforated riser
- Strip topsoil, stockpile topsoil and grade site
- Temporarily stabilize topsoil stockpiles (seed and silt fence around toe of slope)
- Install storm sewer, sanitary sewer, water and associated inlet & outlet protection
- Permanently stabilize detention basins with seed and erosion control blanket
- Temporarily stabilize all areas including lots that have reached temporary grade
- Install roadways
- Permanently stabilize all outlet areas
- Install structures and grade individual lots
- Permanently stabilize lots
- Remove all temporary SE/SC measures after the site is stabilized with vegetation
 - Soil erosion and sediment control maintenance must occur every two weeks and after every 1/2" or greater rainfall event

1. SET POSTS AND EXCAVATE OR SLIT-TRENCH A 6-INCH DEEP TRENCH UPSLOPE ALONG THE LINE OF POSTS

2. ATTACH GEOTEXTILE FILTER FABRIC TO EACH POST WITH A MINIMUM OF 3 (THREE) FASTENERS PER POST AND EXTEND FABRIC TO THE BOTTOM OF THE TRENCH

3. BACKFILL AND COMPACT THE EXCAVATED MATERIALS

POSTS - CHOICE OF:
1.2" X 1.2" NOMINAL HARDWOOD POSTS
2.6" X 2.8" NOMINAL NO 2 SOUTHERN PINE OR
U, T, L OR C-SHAPE STEEL POSTS WITH MIN. WEIGHT 1.33 LBS/FT

FASTENERS (TYP.)
GEOTEXTILE FABRIC
30" MIN. ABOVE GROUND
BURIED DEPTH = 20" MIN.
24" MIN. IF SLOPE > 3:1

* NOTE: OPTIONAL WIRE SUPPORT
- MIN. 30" HEIGHT
- MIN. 14 GAUGE WIRE
- MIN. 6 HORIZ. WIRES
- MIN. 6" VERTICAL SPACING

SCALE 1" = 1'

| Requirements | Test Methods | Wire Backed Supported Silt Fence * | Unsupported Silt Fence |
|---|--------------|------------------------------------|----------------------------|
| Maximum Post Spacing | | 4 feet | 4 feet |
| Grab Strength | | | |
| Machine direction | ASTM D 4632 | 90 lbs | 124 lbs |
| X-Machine direction | | 80 lbs | 100 lbs |
| Permeability | ASTM D 4491 | 0.05 sec | 0.05 sec |
| Apparent Opening Size | ASTM D 4751 | 0.024in | maximum average roll value |
| Ultraviolet stability (retained strength) | ASTM D 4355 | 70% after 500 hours of exposure | |

REVISIONS

| REVISIONS | DATE |
|----------------|---------|
| ORIG. by LCSMC | 4/21/09 |
| Update Text | 7/15/11 |

APPROVED BY: M. G. ZEMAITIS
DATE: JUNE 20, 2008

PERIMETER EROSION BARRIER INSTALLATION

LC2051

FOR BARE EARTH APPLICATION ONLY

TEMPORARY DITCH CHECK, (1) ONE EACH (7 FOOT LONG), [ON THE RIGHT SIDE OF THE DITCH]

TEMPORARY DITCH CHECK, (1) ONE EACH (7 FOOT LONG), [ON THE LEFT SIDE OF THE DITCH]

NOTES:
THE TEMPORARY DITCH CHECK SHALL BE USED IN BARE EARTH DITCH LINES AND SHALL BE REMOVED JUST PRIOR TO THE INSTALLATION OF EROSION CONTROL BLANKET AND SEEDING.
THE INSTALLATION SHOWN WILL BE MEASURED AND PAID FOR AS A TEMPORARY DITCH CHECK 14 FEET IN LENGTH.
STAPLES SHALL BE PLACED WHERE THE UNITS OVERLAP AND IN THE CENTER OF THE 7' UNIT AS SHOWN ON THE DIAGRAM.
POINT 1 MUST BE HIGHER THAN POINT 2 TO INSURE THAT WATER FLOWS OVER THE DIKE AND NOT AROUND THE ENDS.

REVISIONS

| REVISIONS | DATE |
|---------------------------|----------|
| ADDED DIMENSIONS | 04/17/08 |
| REVISED PAY ITEM | 04/15/10 |
| ADDED PLASTIC BERM (ppg2) | 10/10/12 |

APPROVED BY: M. G. ZEMAITIS
DATE: APRIL 1, 2007

TEMPORARY DITCH CHECK INSTALLATION FOR ROADWAY OR DRAINAGE DITCH

(SHEET 1 OF 2)

LC2050

FOR USE WHILE ESTABLISHING FINAL LANDSCAPING

PERMEABLE PLASTIC BERM ONE EACH (3.3 FOOT LONG)

PERMEABLE PLASTIC BERM ONE EACH (3.3 FOOT LONG)

NOTES:
THE PERMEABLE PLASTIC BERM SHALL REPLACE THE TEMPORARY DITCH CHECK AFTER THE INSTALLATION OF EROSION CONTROL BLANKET AND SEEDING.
EACH PERMEABLE PLASTIC BERM IS 3.3 FEET IN LENGTH. THE MINIMUM INSTALLATION IN A DITCH SHALL BE THREE UNITS. THE INSTALLATION SHOWN WILL BE MEASURED AND PAID FOR AS A PERMEABLE PLASTIC BERM 16.5 FEET IN LENGTH (5 UNITS).
STAPLES SHALL BE PLACED WHERE THE UNITS OVERLAP AND ACCORDING TO THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
POINT 1 MUST BE HIGHER THAN POINT 2 TO INSURE THAT WATER FLOWS THROUGH OR OVER THE BERM AND NOT AROUND THE ENDS.

REVISIONS

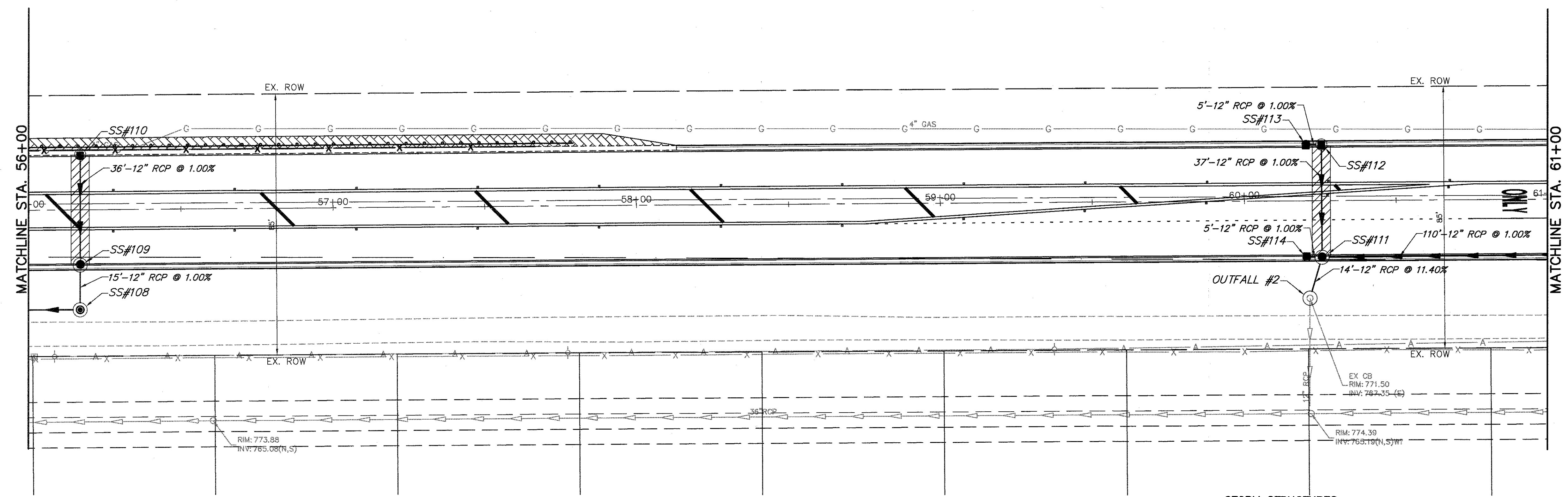
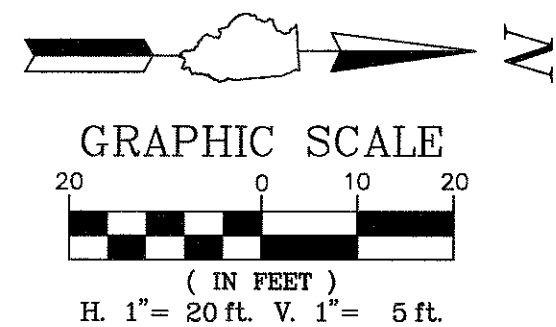
| REVISIONS | DATE |
|---------------------------|----------|
| ADDED DIMENSIONS | 04/17/08 |
| REVISED PAY ITEM | 04/15/10 |
| ADDED PLASTIC BERM (ppg2) | 10/10/12 |

APPROVED BY: M. G. ZEMAITIS
DATE: APRIL 1, 2007

TEMPORARY DITCH CHECK INSTALLATION FOR ROADWAY OR DRAINAGE DITCH

(SHEET 2 OF 2)

LC2050



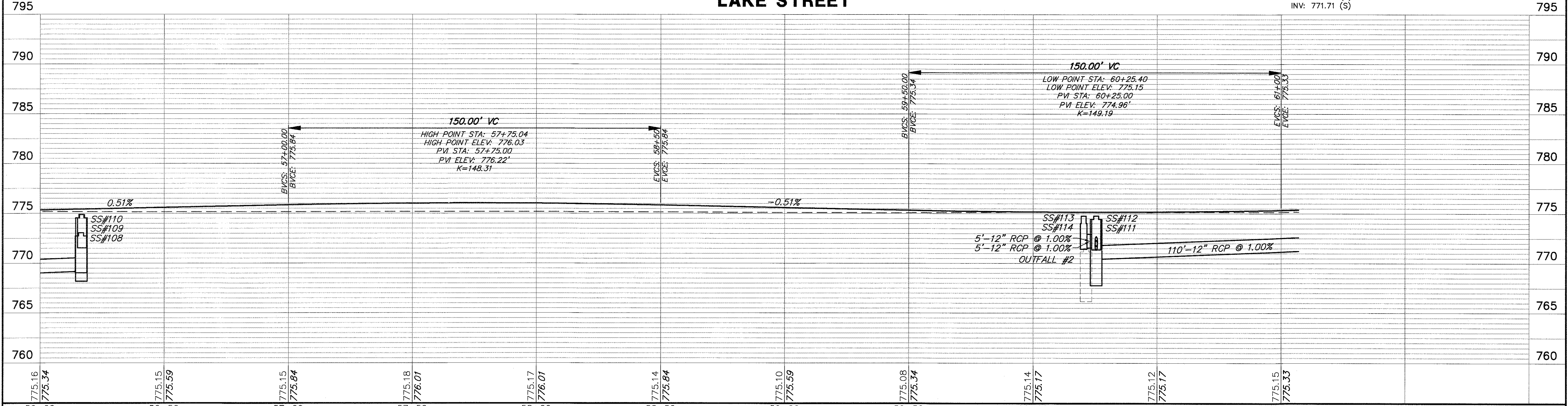
DRAINAGE & UTILITY LEGEND

- ▲—▲— EXISTING STORM SEWER
- C—C— EXISTING SANITARY SEWER
- W—W— EXISTING WATERMAIN
- ▲—▲— PROPOSED STORM SEWER
- W—W— PROPOSED WATERMAIN
- ● EXISTING PROPOSED STORM MANHOLE
- ● STORM CATCHBASIN
- ■ STORM INLET
- ⊙ ⊙ SANITARY MANHOLE
- ⊠ ⊠ VALVE VAULT
- ⊕ ⊕ FIRE HYDRANT
- ⊙ ⊕ STREET LIGHT
- ▨ CLASS D PATCH

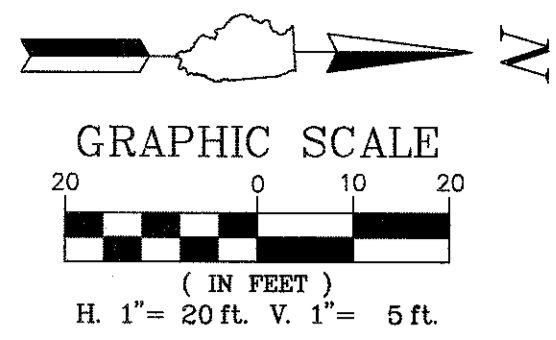
STORM STRUCTURES

- OUTFALL #2
EX CB
STATION 60+21.44, 31.94' R
RIM: 771.50
INV: 768.50 (W)
- SS#108
MH TY A, 4' DIA
TY 8 GRATE
STATION 56+16.58, 32.81' R
RIM: 773.06
INV: 769.36 (S)
INV: 770.36 (W)
- SS#109
CB TY A, 4' DIA
TY 11V F&G
STATION 56+16.70, 18.12' R
RIM: 774.88
INV: 770.51 (E)
INV: 771.51 (W)
- SS#110
INL TY A
TY 11V F&G
STATION 56+16.98, -18.14' L
RIM: 774.87
INV: 771.87 (E)
- SS#111
CB TY A, 4' DIA
TY 11 F&G
STATION 60+25.52, 18.51' R
RIM: 774.76
INV: 770.10 (E)
INV: 771.33 (W)
INV: 770.60 (N)
INV: 771.71 (S)
- SS#112
INL TY B, 3' DIA
TY 11 F&G
STATION 60+25.55, -18.32' L
RIM: 774.76
INV: 771.70 (E)
INV: 771.71 (S)
- SS#113
INL TY A
TY 11 F&G
STATION 60+20.47, -18.43' L
RIM: 774.76
INV: 771.76 (N)
- SS#114
INL TY A
TY 11 F&G
STATION 60+20.49, 18.41' R
RIM: 774.76
INV: 771.76 (N)

LAKE STREET



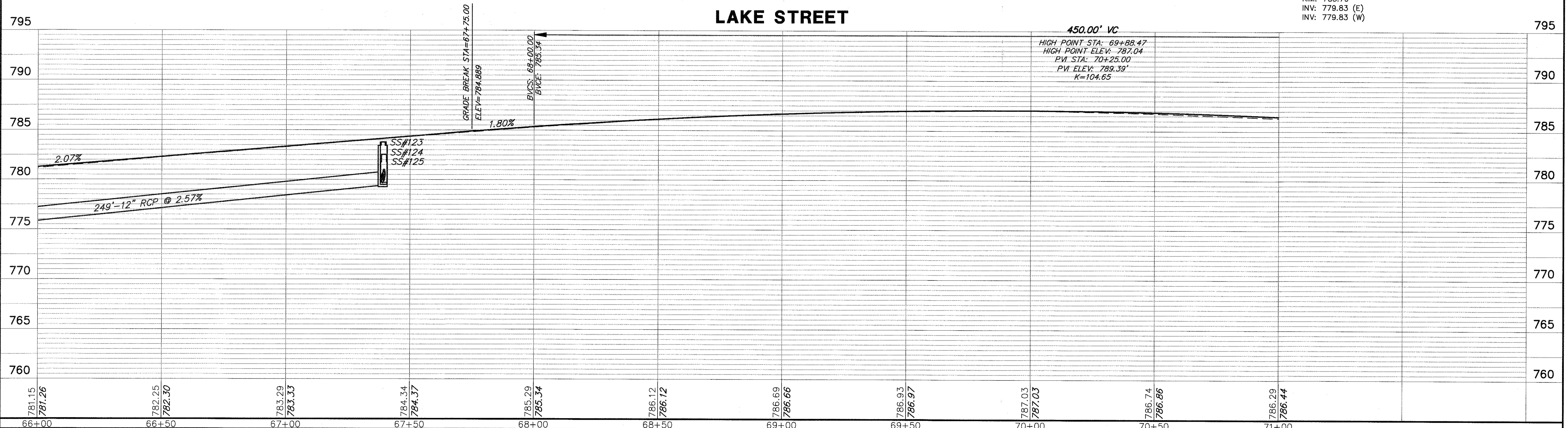
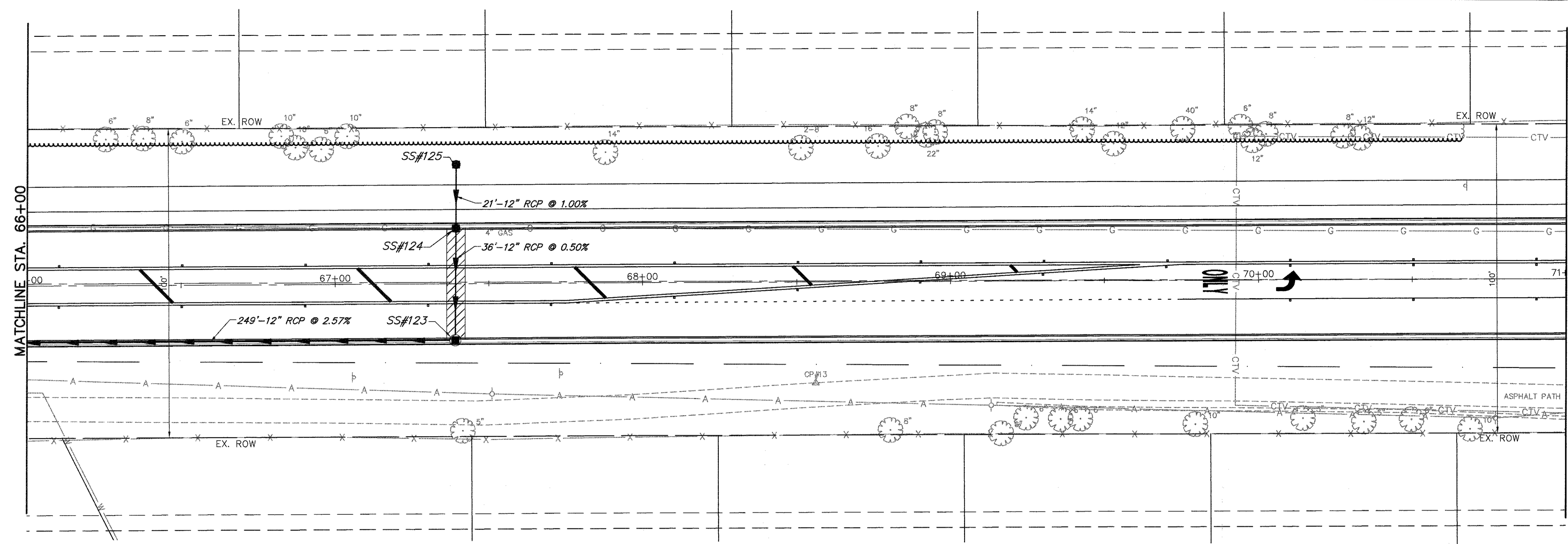
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| FILE NAME = 4990-400-pr3.dwg | USER NAME = GEORGE WHITTEN | DESIGNED - KLB | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | DRAINAGE AND UTILITY PLAN LAKE STREET ROADWAY IMPROVEMENTS | | FAU. RITE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| | | DRAWN - CW3 | REVISED - | | SCALE AS NOTED | SHEET NO. - OF - SHEETS | STA. - TO STA. - | 0195 | 15-00065-00-RS | LAKE | 80 | 36 |
| | | CHECKED - KLB | REVISED - | | | | | | | | | |
| | | DATE - | REVISED - | | | | | | | | | CONTRACT # 61E14 |



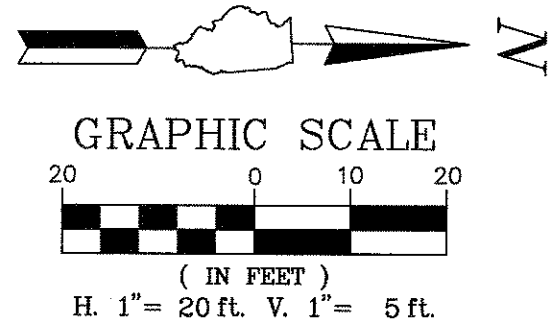
DRAINAGE & UTILITY LEGEND

- EXISTING STORM SEWER
- EXISTING SANITARY SEWER
- W—W— EXISTING WATERMAIN
- ▲—▲— PROPOSED STORM SEWER
- ▲—▲— PROPOSED WATERMAIN
- PROPOSED STORM MANHOLE
- EXISTING STORM MANHOLE
- PROPOSED STORM CATCHBASIN
- EXISTING STORM CATCHBASIN
- PROPOSED STORM INLET
- EXISTING STORM INLET
- PROPOSED SANITARY MANHOLE
- EXISTING SANITARY MANHOLE
- PROPOSED VALVE VAULT
- EXISTING VALVE VAULT
- ♣ PROPOSED FIRE HYDRANT
- EXISTING FIRE HYDRANT
- ♣ PROPOSED STREET LIGHT
- EXISTING STREET LIGHT
- ▨ CLASS D PATCH

- STORM STRUCTURES**
- | | |
|---|---|
| SS#123 INL TY B, 3' DIA TY 11V F&G STATION 67+39.04, 18.39' R RIM: 783.76 INV: 779.60 (S) INV: 779.65 (W) | SS#125 INL TY A TY 8 GRATE STATION 67+39.59, -38.51' L RIM: 782.54 INV: 780.04 (E) |
| SS#124 INL TY A TY 11V F&G STATION 67+39.43, -17.87' L RIM: 783.79 INV: 779.83 (E) INV: 779.83 (W) | |

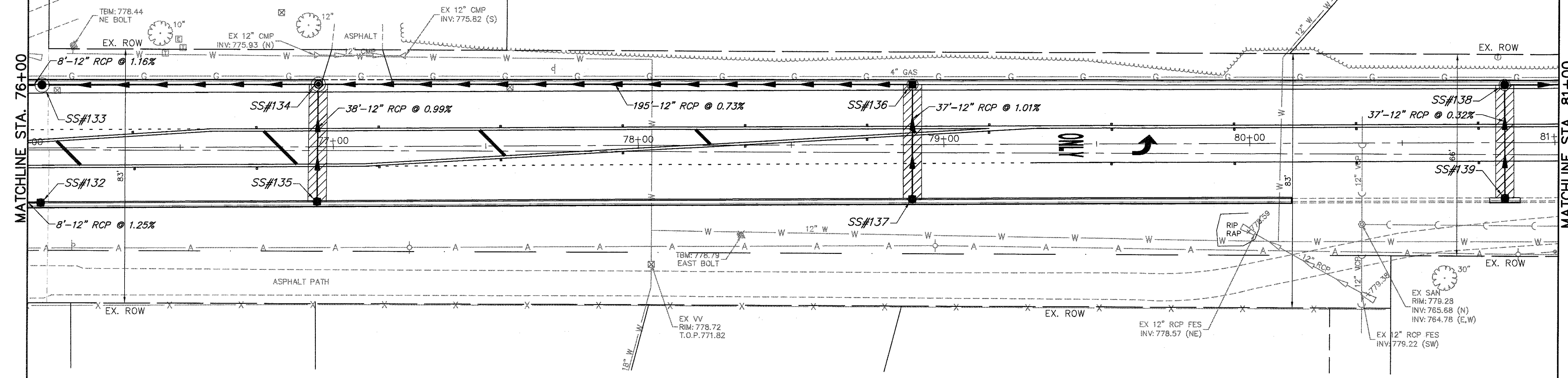


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| FILE NAME = 4990-400-pr3.dwg | USER NAME = GEORGE WHITTEN | DESIGNED - KLB | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | DRAINAGE AND UTILITY PLAN LAKE STREET ROADWAY IMPROVEMENTS | | FALI. RTE. 0195 | SECTION 15-00065-00-RS | COUNTY LAKE | TOTAL SHEETS 80 | SHEET NO. 38 |
| | PLOT SCALE = 1" = .0833' | DRAWN - GW3 | REVISED - | | SCALE AS NOTED | SHEET NO. - OF - SHEETS | STA. - TO STA. - | CONTRACT # 61E14 | | ILLINOIS FED. AID PROJECT | |
| | PLOT DATE = 8/2/2017 8:45 AM | CHECKED - KLB | REVISED - | | | | | | | | |
| | | DATE - | REVISED - | | | | | | | | |



DRAINAGE & UTILITY LEGEND

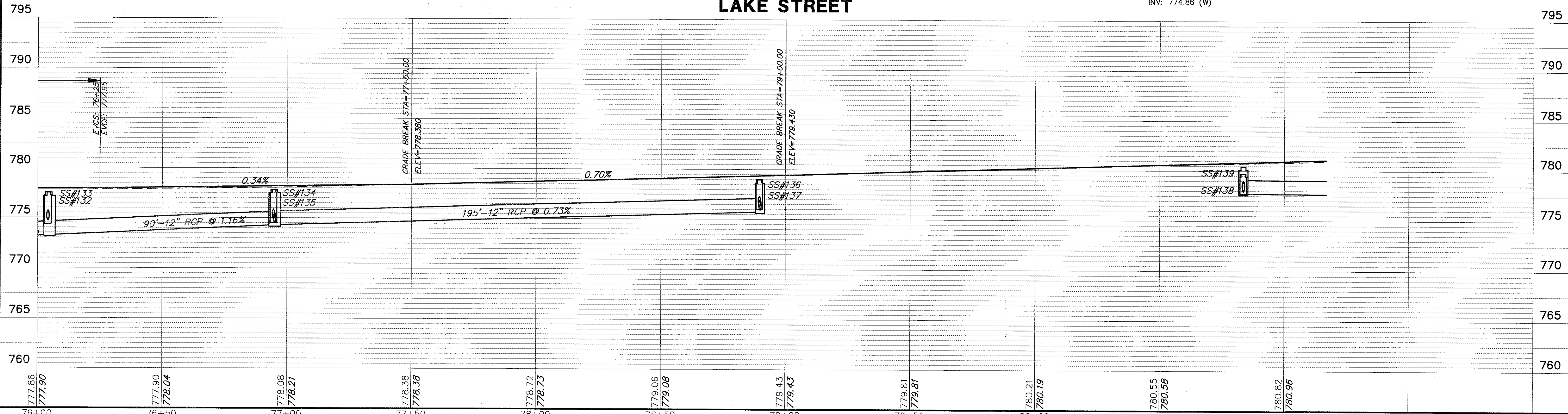
- EXISTING STORM SEWER
- EXISTING SANITARY SEWER
- EXISTING WATERMAIN
- PROPOSED STORM SEWER
- PROPOSED WATERMAIN
- EXISTING**
- STORM MANHOLE
- STORM CATCHBASIN
- STORM INLET
- SANITARY MANHOLE
- VALVE VAULT
- FIRE HYDRANT
- STREET LIGHT
- CLASS D PATCH



STORM STRUCTURES

- | | | | |
|---|---|---|---|
| <p>SS#132 INL TY A TY 11 F&G STATION 76+04.20, 17.96' R RIM: 777.55 INV: 774.69 (S)</p> <p>SS#133 MH TY A, 4' DIA. TY 11 F&G STATION 76+04.82, -20.43' L RIM: 777.50 INV: 773.43 (S) INV: 773.43 (N)</p> | <p>SS#134 MH TY A, 4' DIA TY 11V F&G STATION 76+95.16, -20.35' L RIM: 777.83 INV: 774.48 (S) INV: 774.48 (N) INV: 774.48 (E)</p> <p>SS#135 INL TY A TY 11V F&G STATION 76+94.63, 17.94' R RIM: 777.83 INV: 774.86 (W)</p> | <p>SS#136 INL TY B, 3' DIA TY 11V F&G STATION 78+89.79, -19.55' L RIM: 778.97 INV: 775.91 (S) INV: 775.91 (E)</p> <p>SS#137 INL TY A TY 11V F&G STATION 78+89.56, 17.89' R RIM: 779.00 INV: 776.29 (W)</p> | <p>SS#138 INL TY B, 3' DIA TY 11V F&G STATION 80+83.61, -18.85' L RIM: 780.45 INV: 777.92 (N) INV: 777.92 (E)</p> <p>SS#139 INL TY A TY 11V F&G STATION 80+83.59, 18.16' R RIM: 779.73 INV: 778.04 (W)</p> |
|---|---|---|---|

LAKE STREET



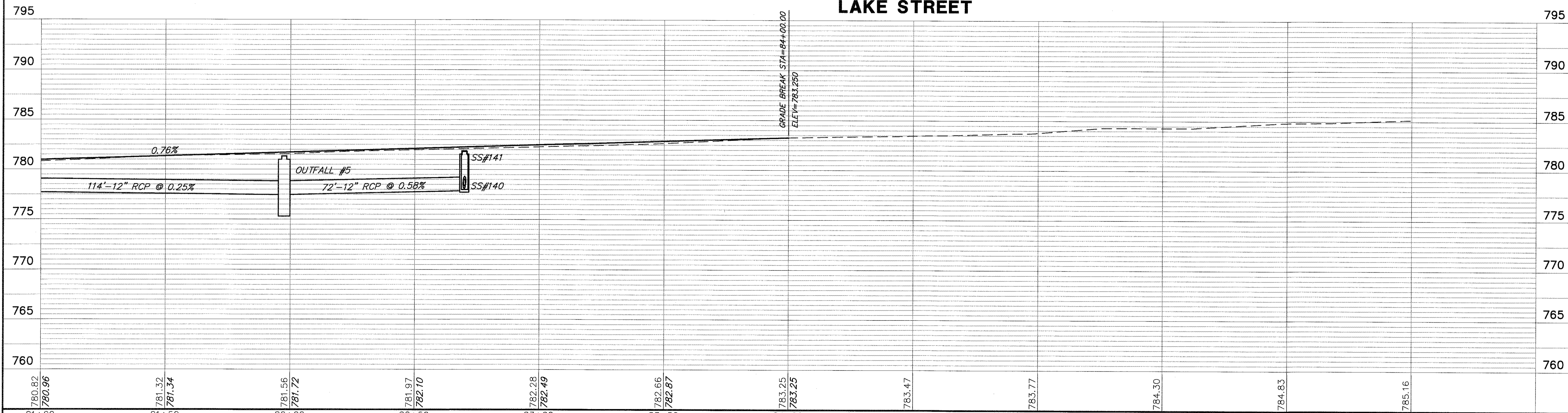
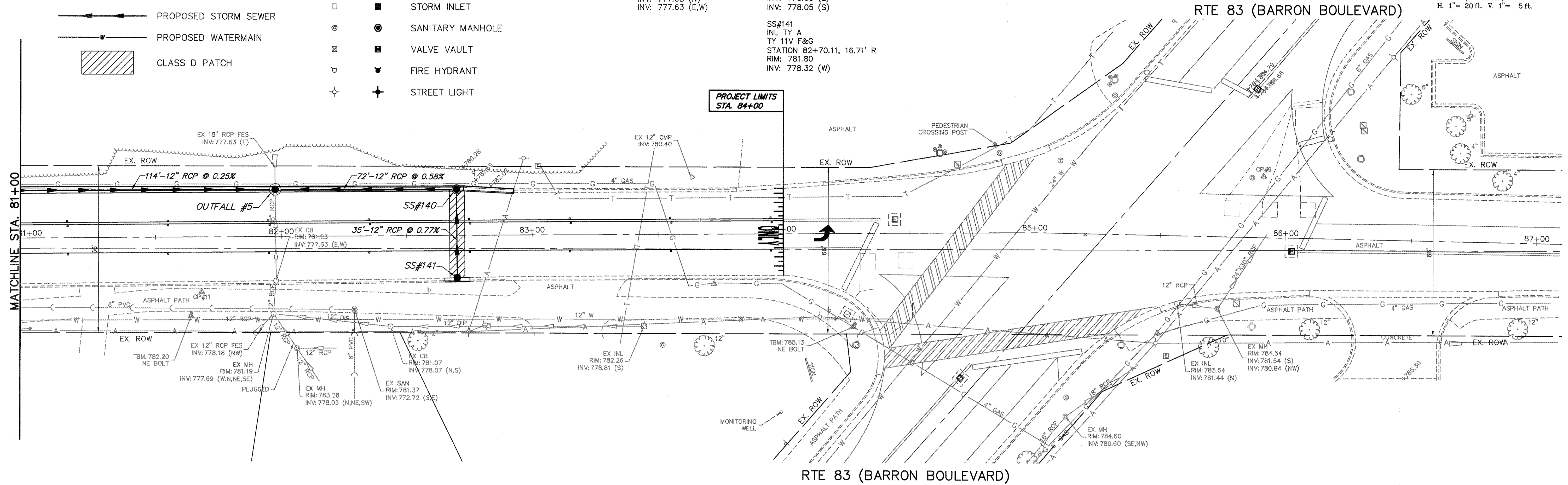
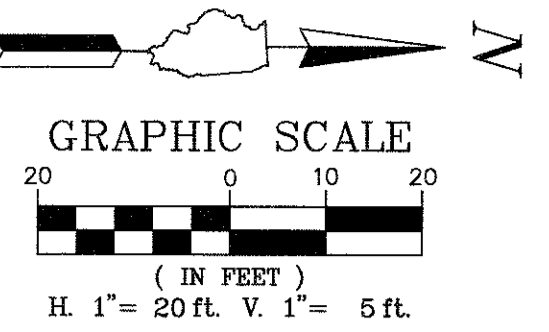
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| FILE NAME = 4990-400-pr3.dwg | USER NAME = GEORGE WHITTEN | DESIGNED - KLB | REVISD - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | DRAINAGE AND UTILITY PLAN LAKE STREET ROADWAY IMPROVEMENTS | | FAU RTE 0195 | SECTION 15-00065-00-RS | COUNTY LAKE | TOTAL SHEETS 80 | SHEET NO. 40 |
| | PLOT SCALE = 1" = .0833' | DRAWN - GW3 | REVISD - | | SCALE AS NOTED | SHEET NO. - OF - SHEETS | STA. - TO STA. - | CONTRACT # 61E14 | | ILLINOIS FED. AID PROJECT | |
| | PLOT DATE = 8/2/2017 8:51 AM | CHECKED - KLB | REVISD - | | | | | | | | |
| | | DATE - | REVISD - | | | | | | | | |

DRAINAGE & UTILITY LEGEND

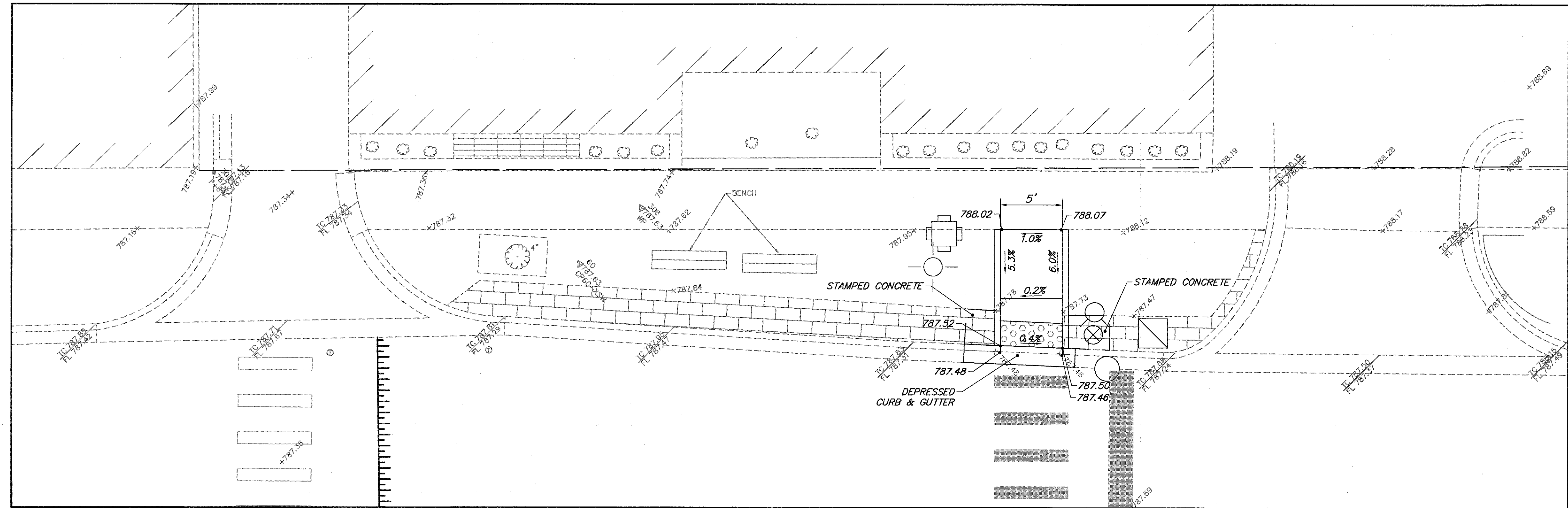
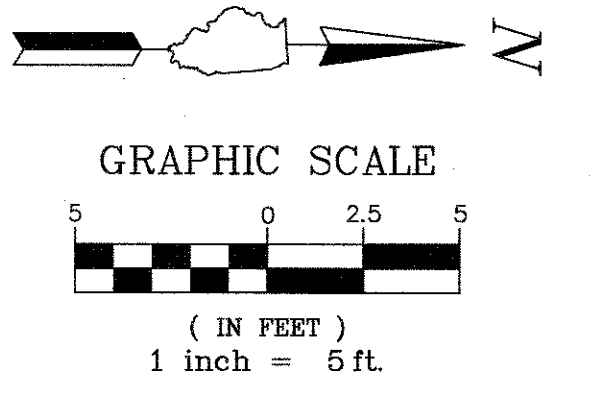
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|--|----------------------|--|-------------------------|--|----------------------|--|--------------------|--|---------------|
| | EXISTING STORM SEWER | | EXISTING SANITARY SEWER | | PROPOSED STORM SEWER | | PROPOSED WATERMAIN | | CLASS D PATCH |
| | STORM MANHOLE | | STORM CATCHBASIN | | STORM INLET | | SANITARY MANHOLE | | VALVE VAULT |
| | FIRE HYDRANT | | STREET LIGHT | | | | | | |

STORM STRUCTURES

- OUTFALL #5**
 CB TY A, 4' DIA
 TY 11V GRATE
 STATION 81+97.63, -18.67' L
 RIM: 781.32
 INV: 777.63 (S)
 INV: 777.63 (N)
 INV: 777.63 (E,W)
- SS#140**
 INL TY B, 3' DIA
 TY 11V F&G
 STATION 82+69.94, -18.28' L
 RIM: 781.88
 INV: 778.05 (E)
 INV: 778.05 (S)
- SS#141**
 INL TY A
 TY 11V F&G
 STATION 82+70.11, 16.71' R
 RIM: 781.80
 INV: 778.32 (W)



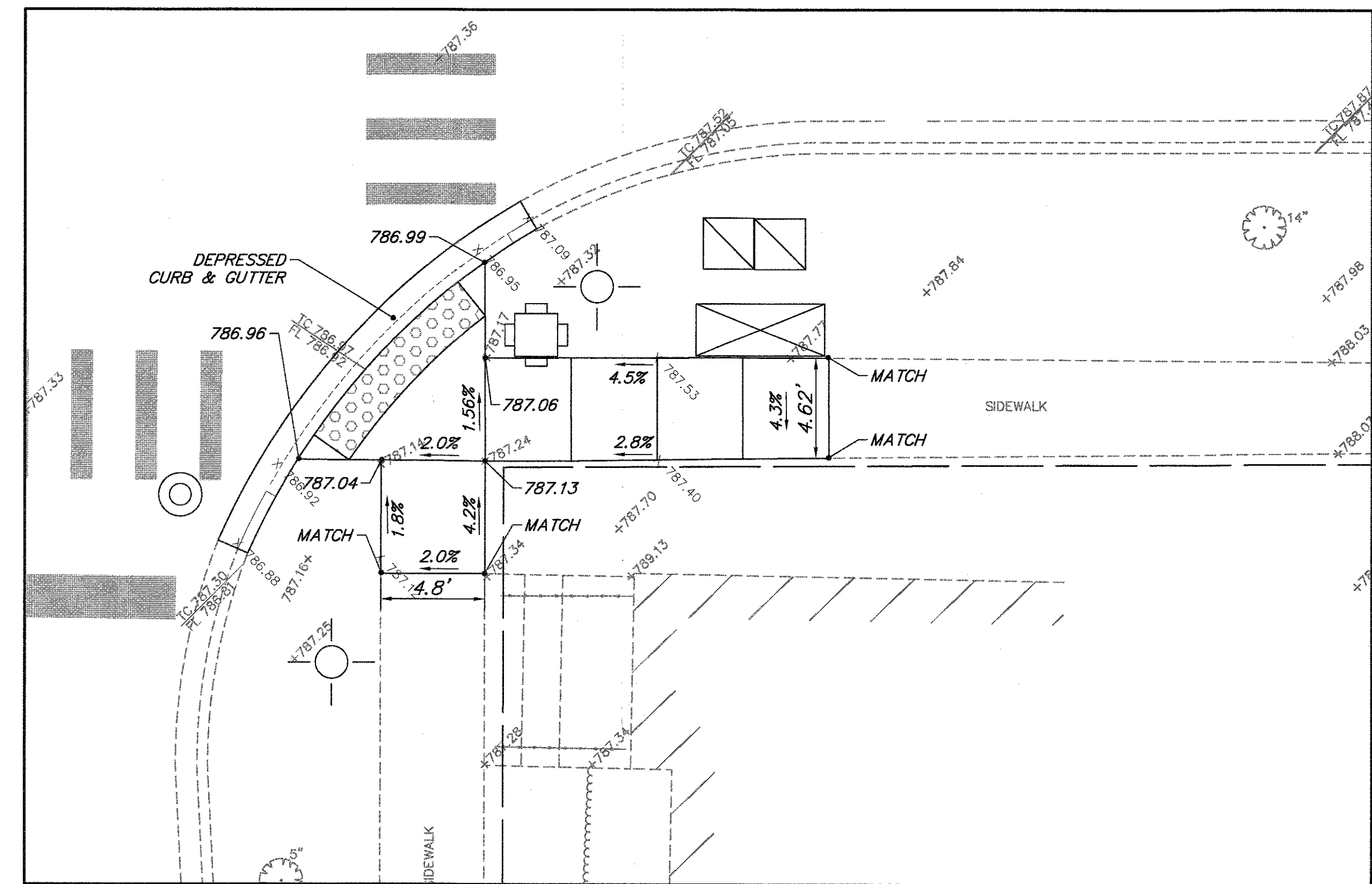
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| FILE NAME = 4990-400-pr3.dwg | USER NAME = GEORGE WHITTEN | DESIGNED - KLB | REVISD - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | DRAINAGE AND UTILITY PLAN LAKE STREET ROADWAY IMPROVEMENTS | | | | FAU. RTE. 0195 | SECTION 15-00065-00-RS | COUNTY LAKE | TOTAL SHEETS 80 | SHEET NO. 41 |
| | | DRAWN - GW3 | REVISD - | | SCALE AS NOTED SHEET NO. - OF - SHEETS STA. - TO STA. - | | | | CONTRACT # 61E14 | | | | |
| | | CHECKED - KLB | REVISD - | | ILLINOIS FED. AID PROJECT | | | | | | | | |
| | | DATE - | REVISD - | | | | | | | | | | |



NORTHWEST CORNER

LAKE ST.

LAKE ST.



NORTHEAST CORNER

CENTER ST.

FILE NAME = 4990-400-pr3.dwg

USER NAME = GEORGE WHITTEN

DESIGNED - KLB

REVISED -

DRAWN - GW3

REVISED -

PLOT SCALE = 1" = .0833'

CHECKED - KLB

REVISED -

PLOT DATE = 8/29/2017 2:26 PM

DATE -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK A.D.A. RAMP DETAILS
LAKE STREET ROADWAY IMPROVEMENTS

FALL
RTE.

0195

SECTION

15-00065-00-RS

COUNTY

LAKE

TOTAL
SHEETS

80

SHEET
NO.

42

CONTRACT #

61E14

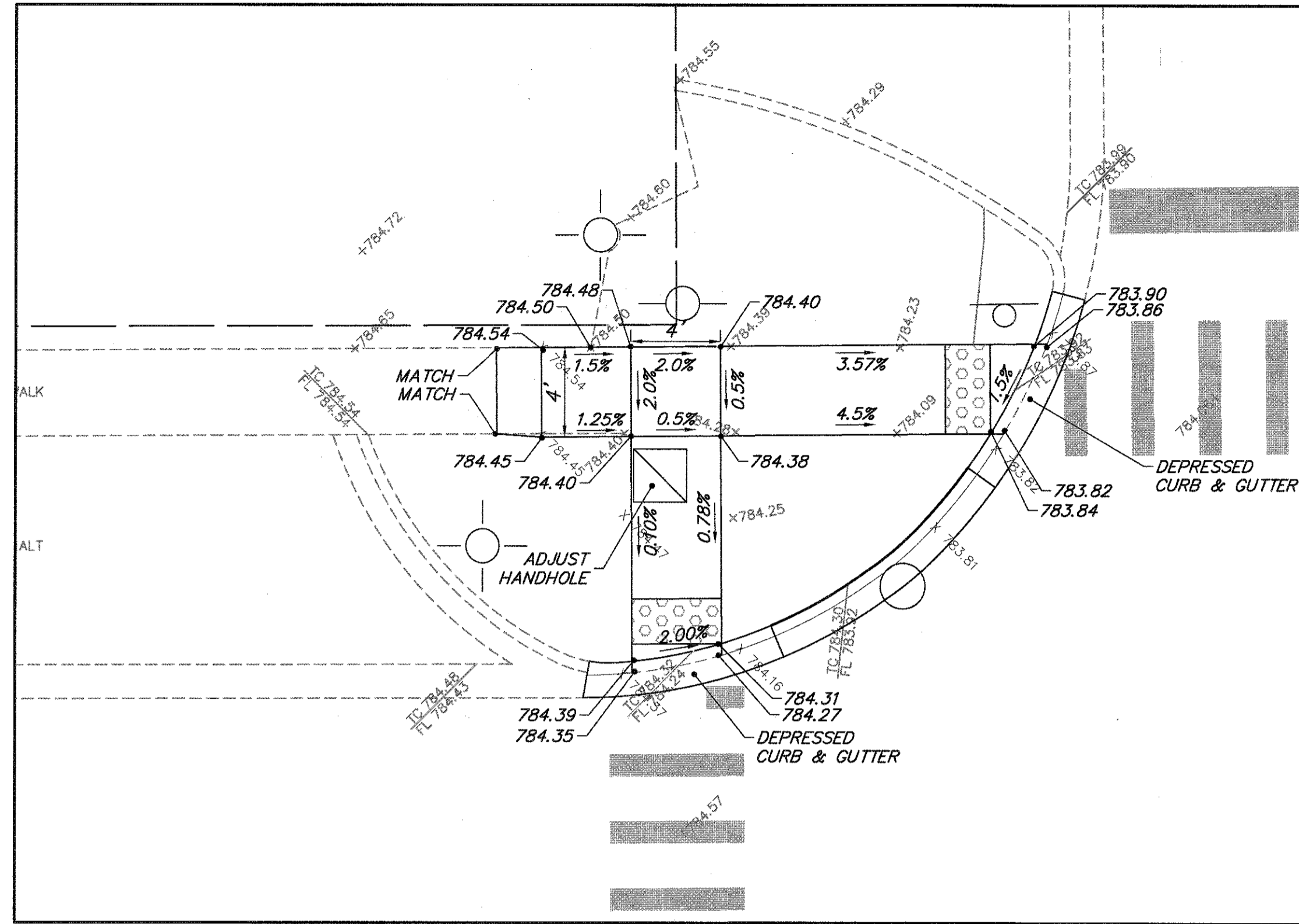
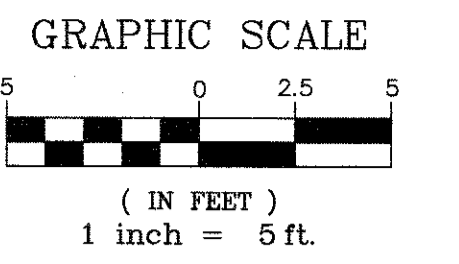
ILLINOIS FED. AID PROJECT

SCALE 1"=5'

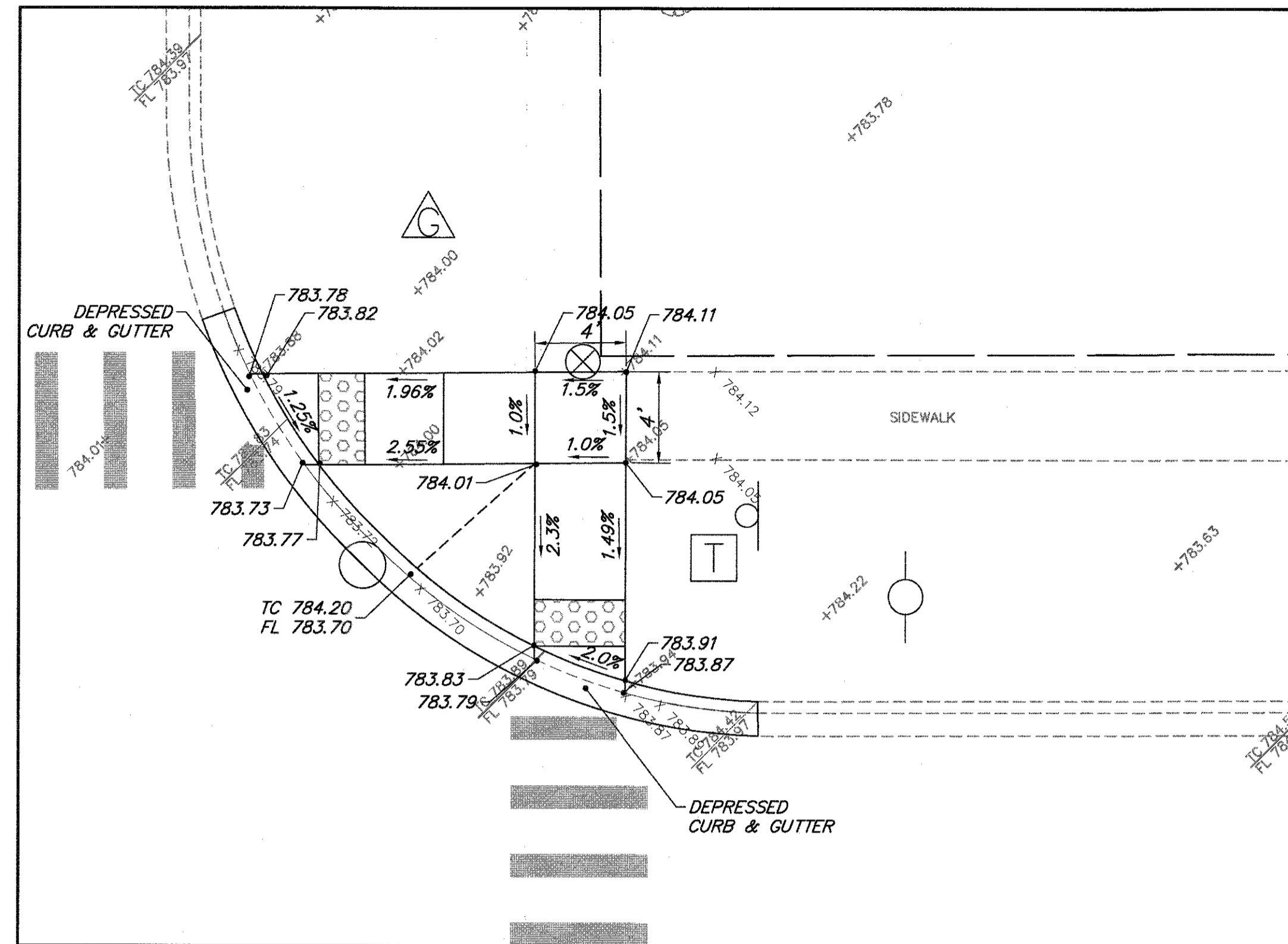
SHEET NO. - OF - SHEETS

STA. -

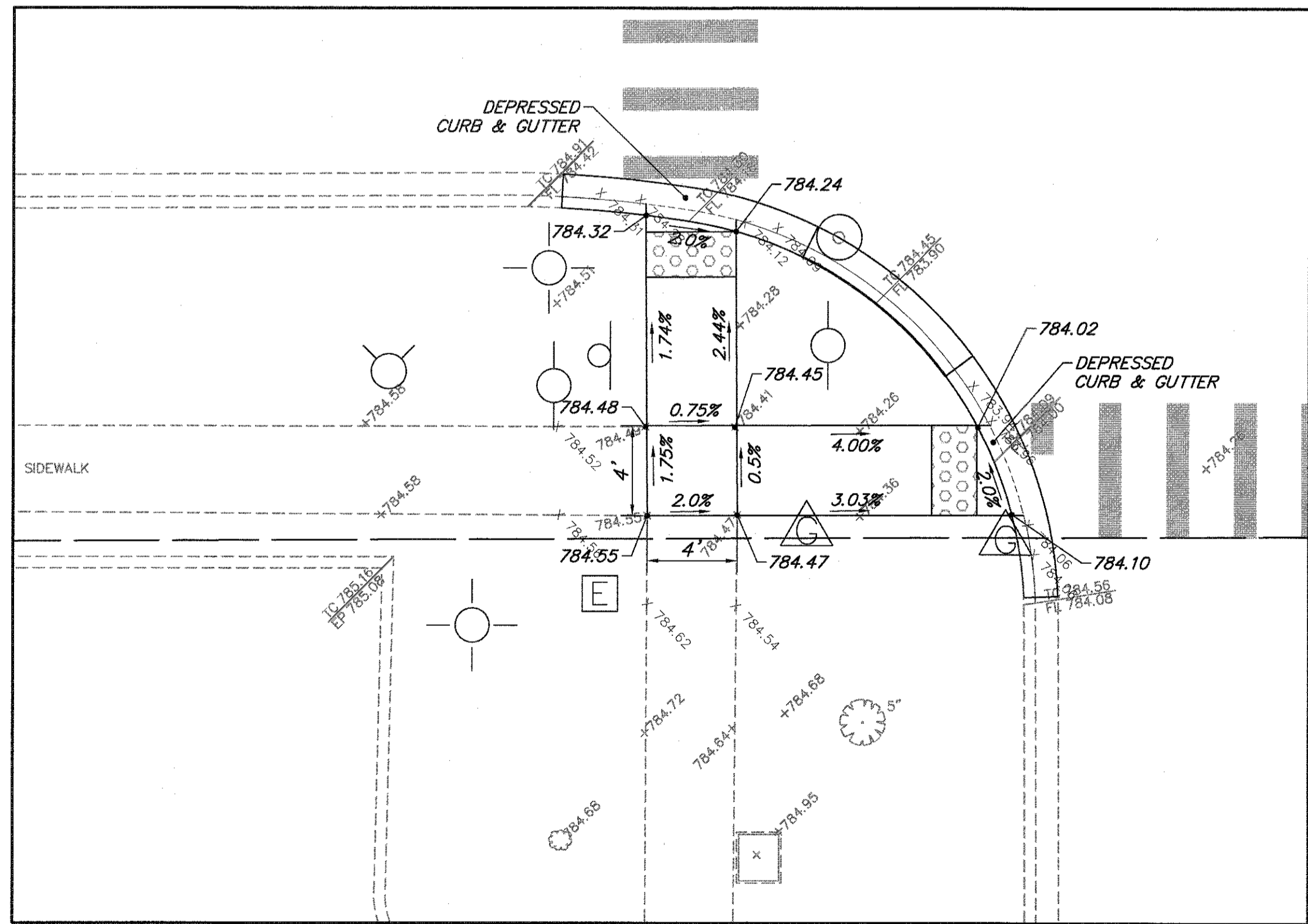
TO STA. -



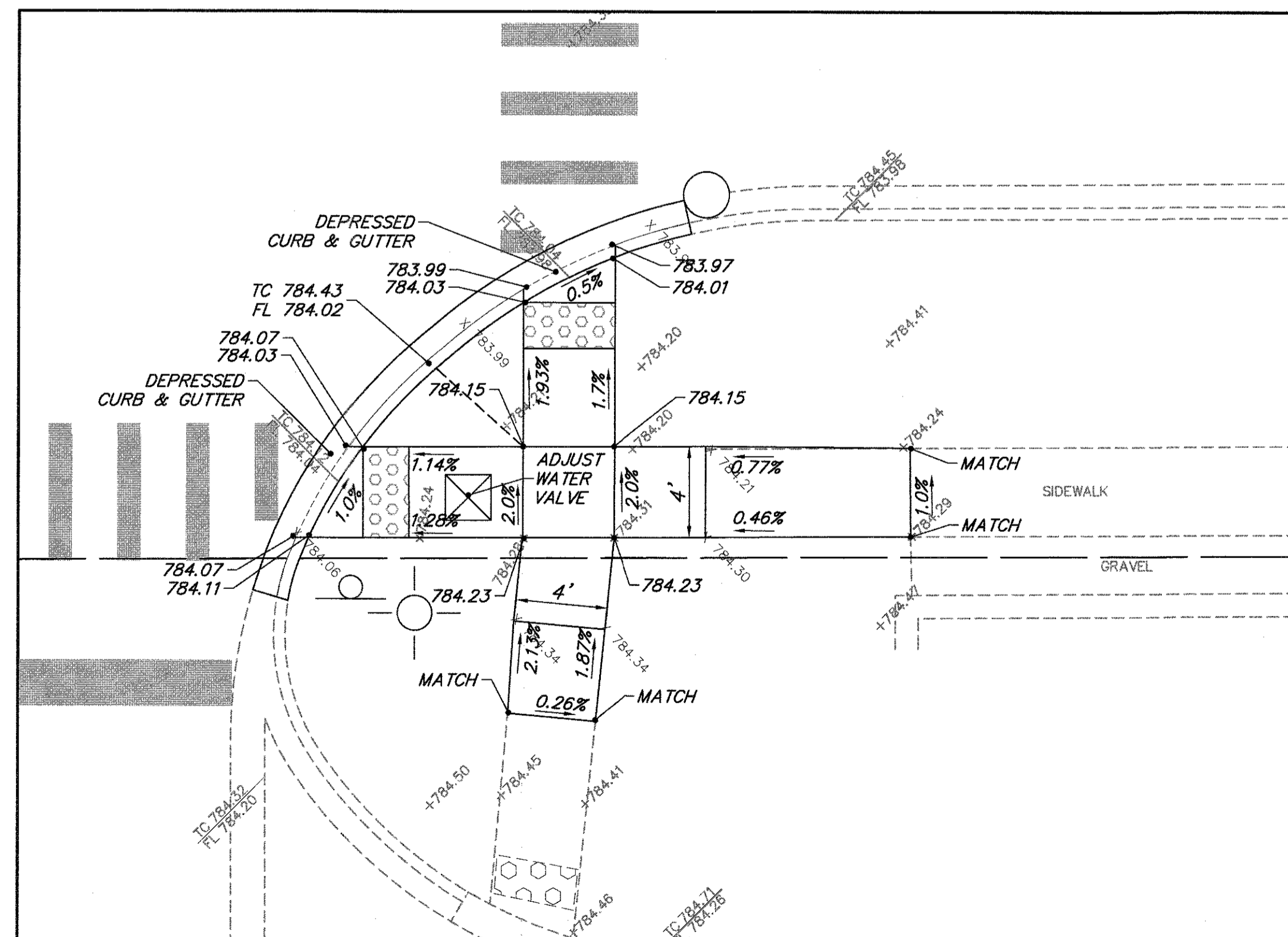
SOUTHWEST CORNER
LAKE ST.



NORTHWEST CORNER
LAKE ST.



SOUTHEAST CORNER



NORTHEAST CORNER

HAWLEY CT.

HAWLEY ST.

FILE NAME = 4990-400-pr3.dwg

USER NAME = GEORGE WHITTEN

DESIGNED - KLB

REVISED -

DRAWN - GW3

REVISED -

PLOT SCALE = 1" = .0833'

CHECKED - KLB

REVISED -

PLOT DATE = 9/5/2017 12:12 PM

DATE -

REVISED -

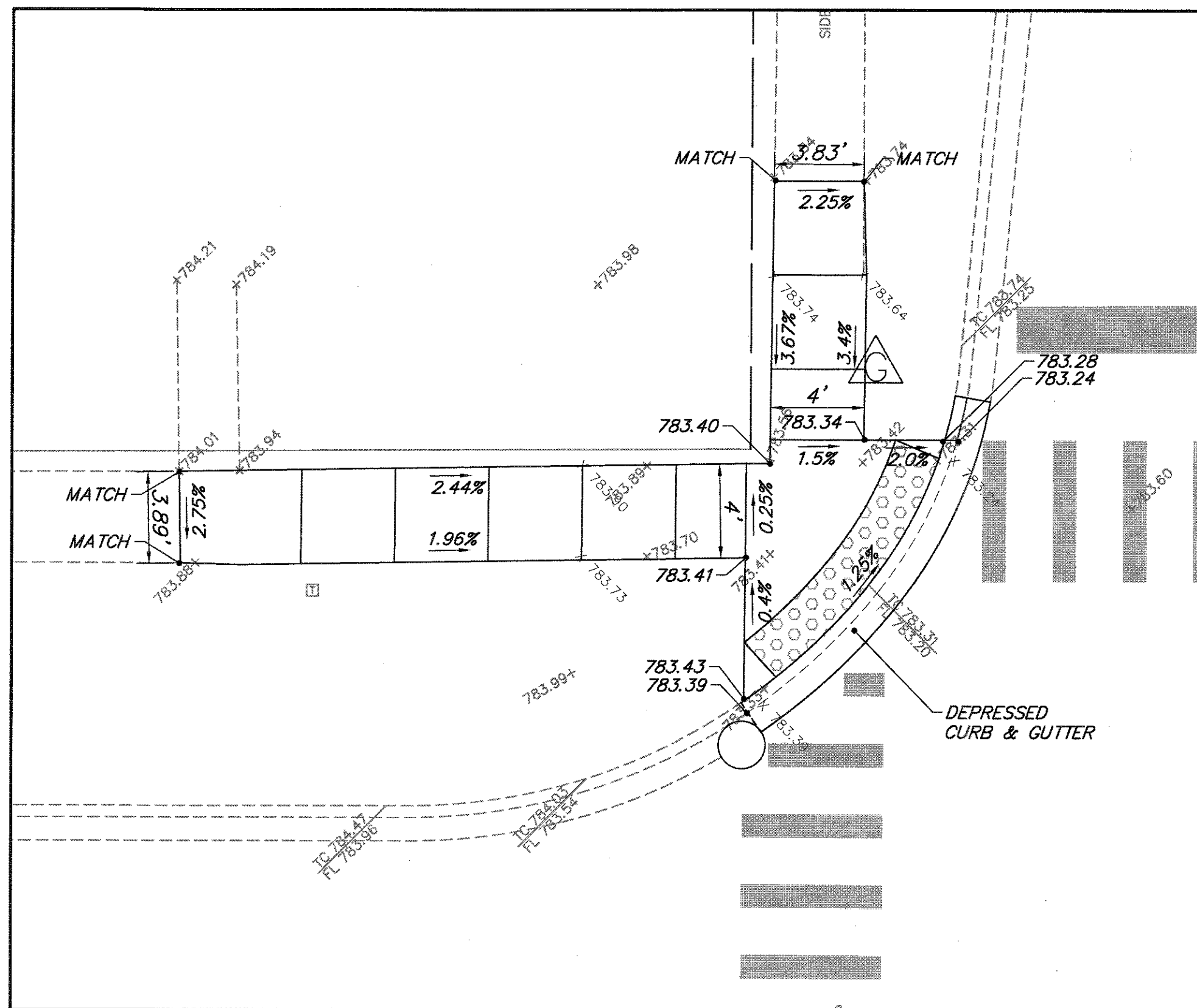
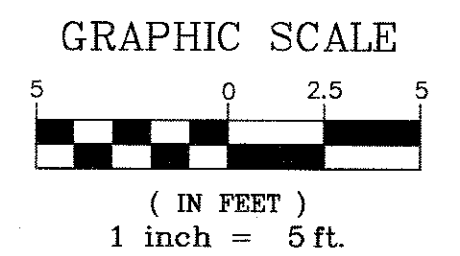
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK A.D.A. RAMP DETAILS
LAKE STREET ROADWAY IMPROVEMENTS

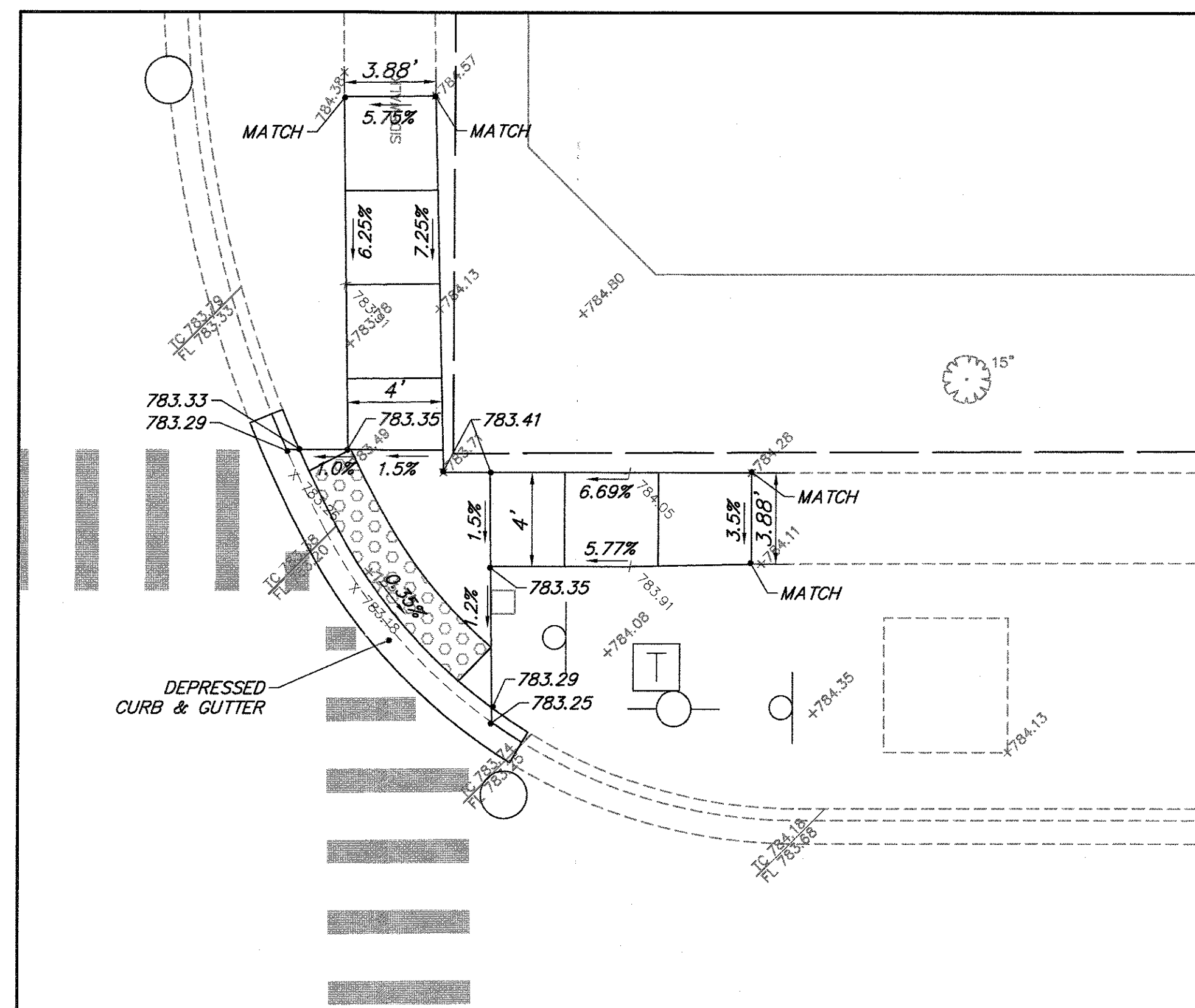
| FAU. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|------------|----------------|--------|--------------|-----------|
| 0195 | 15-00065-00-RS | LAKE | 80 | 43 |
| CONTRACT # | | | 61E14 | |

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

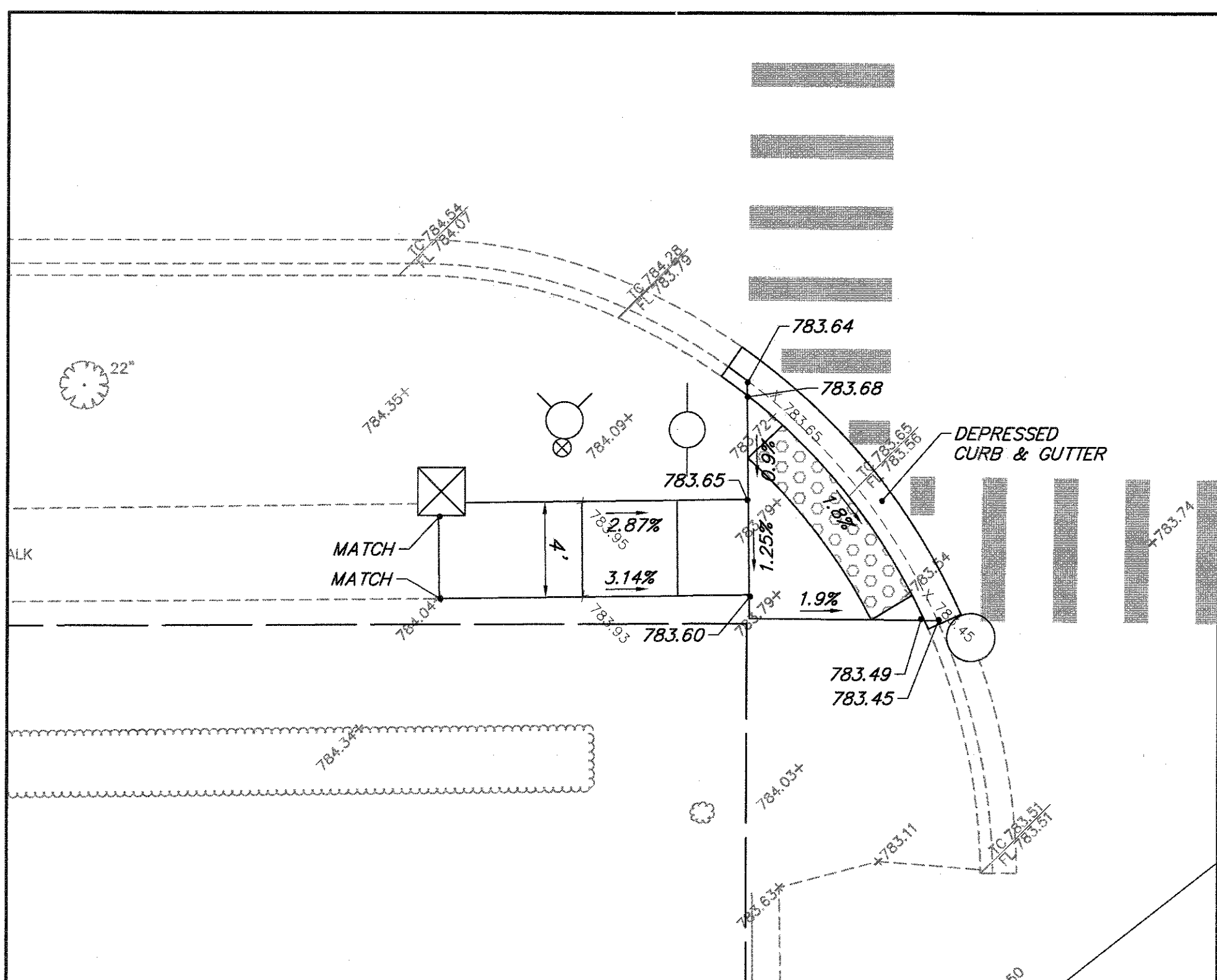
ILLINOIS FED. AID PROJECT



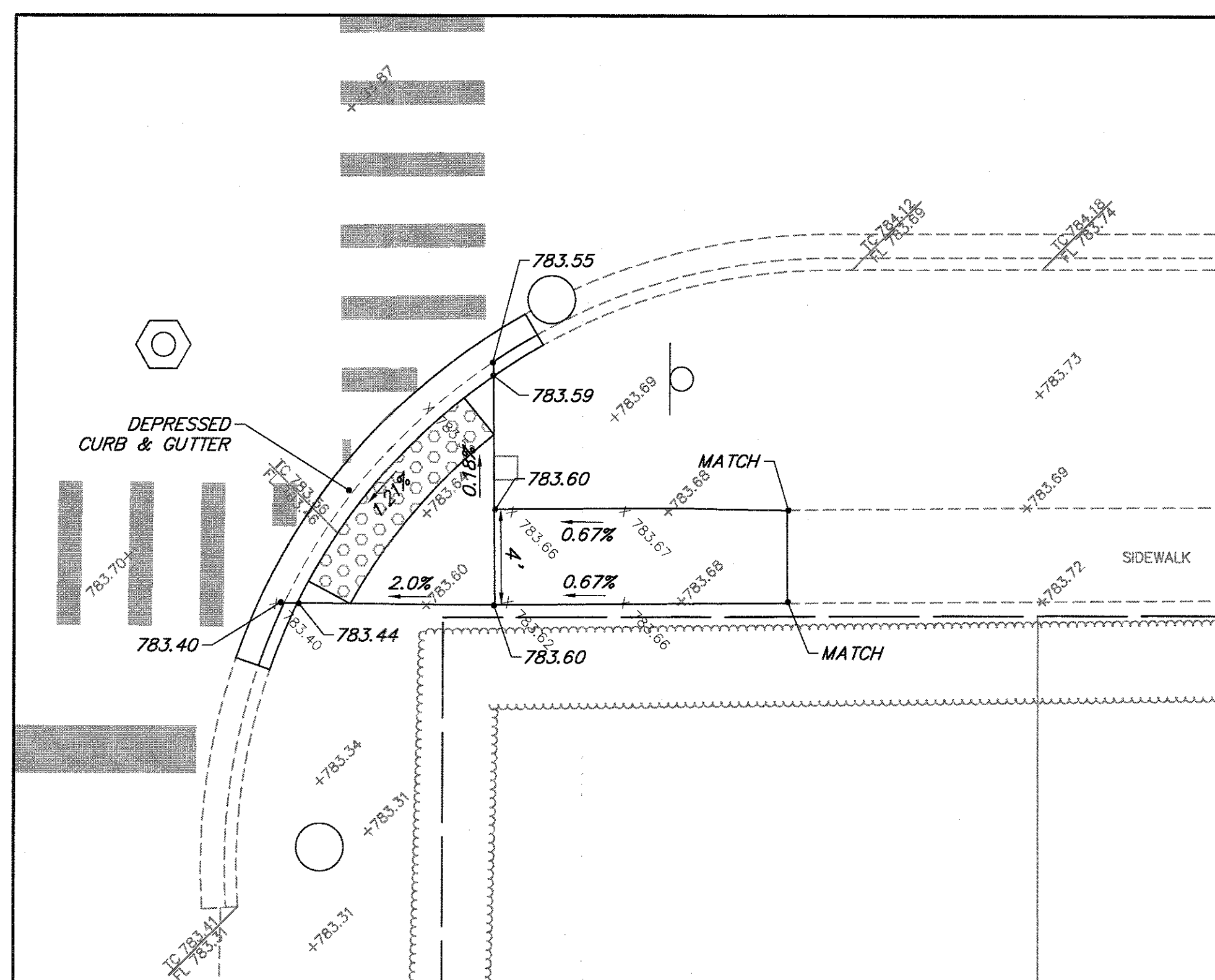
SOUTHWEST CORNER
LAKE ST.



NORTHWEST CORNER
LAKE ST.



SOUTHEAST CORNER



NORTHEAST CORNER

SCHOOL ST.

ALLEN AV.

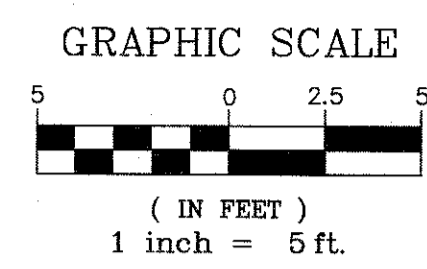
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|------------------------------|-------------------------------|----------------|-----------|
| FILE NAME = 4990-400-pr3.dwg | USER NAME = GEORGE WHITTEN | DESIGNED - KLB | REVISED - |
| | | DRAWN - GW3 | REVISED - |
| | PLOT SCALE = 1" = .0833' | CHECKED - KLB | REVISED - |
| | PLOT DATE = 9/13/2017 1:39 PM | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

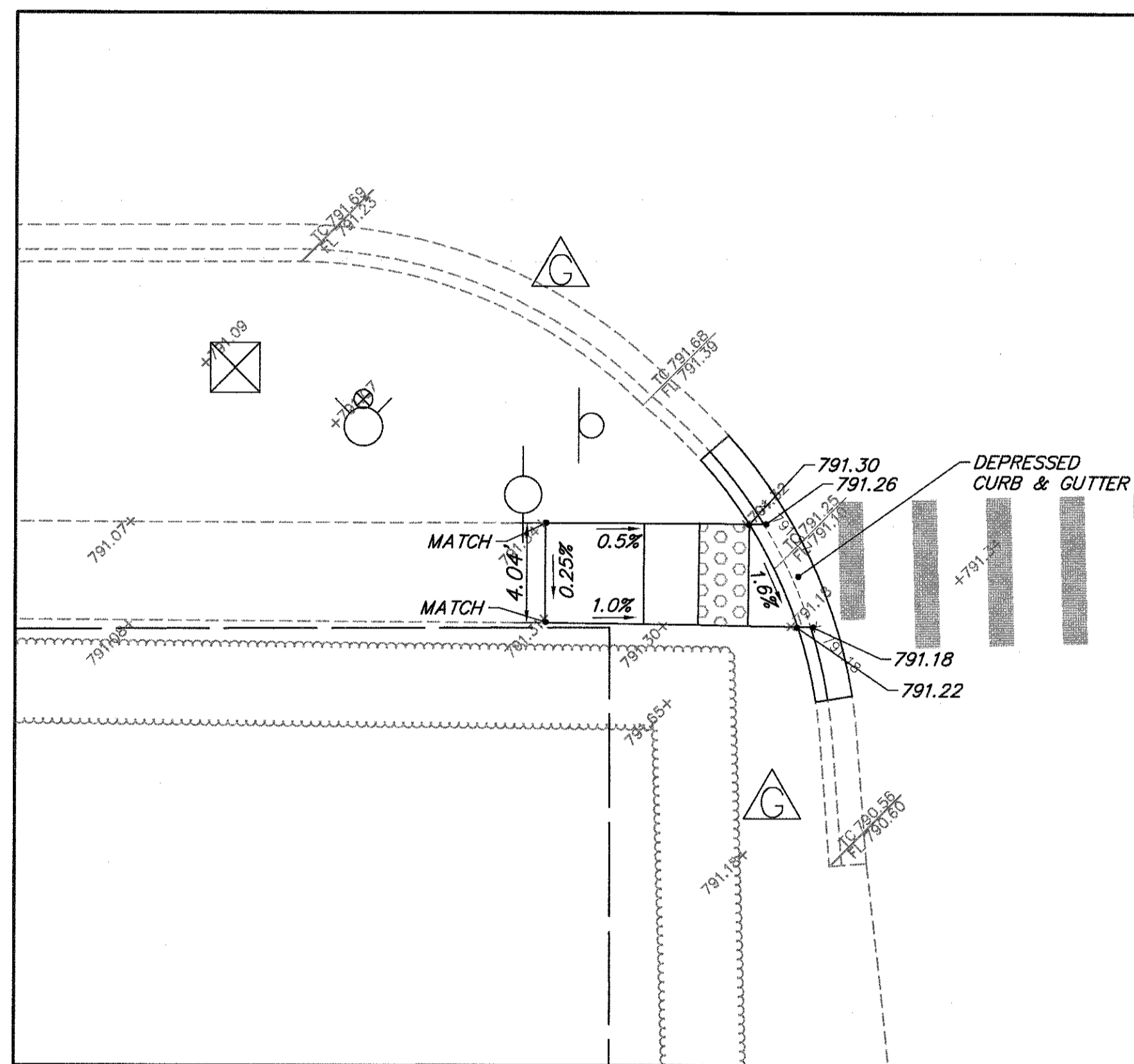
**SIDEWALK A.D.A. RAMP DETAILS
LAKE STREET ROADWAY IMPROVEMENTS**

| | | | | |
|---------------------------|----------------|--------|--------------|-----------|
| FAU. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 0195 | 15-00065-00-RS | LAKE | 80 | 45 |
| CONTRACT # | | | 61E14 | |
| ILLINOIS FED. AID PROJECT | | | | |

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

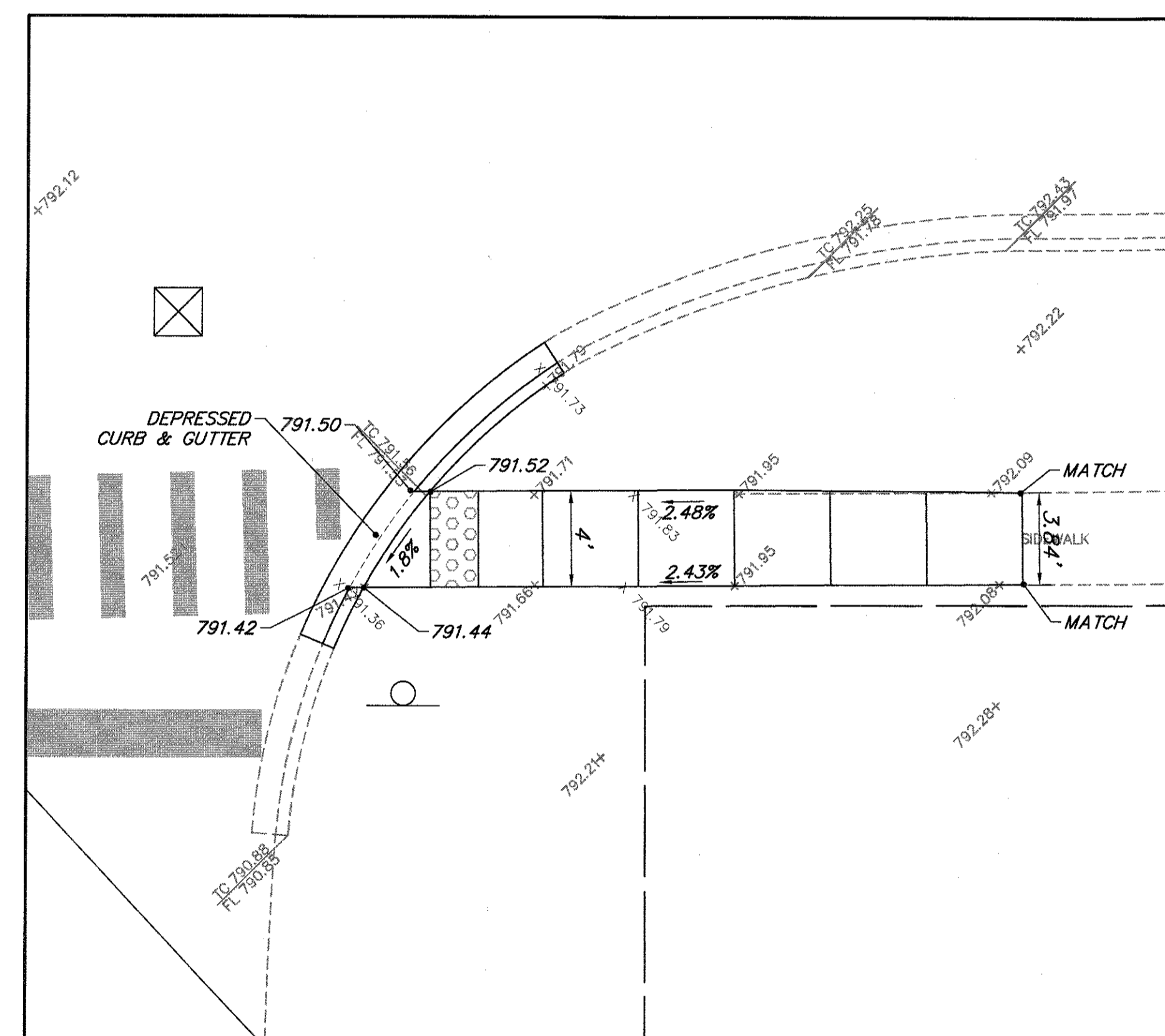


LAKE ST.



SOUTHEAST CORNER

LAKE ST.



NORTHEAST CORNER

HICKORY ST.

| | | | |
|------------------------------|-------------------------------|----------------|-----------|
| FILE NAME = 4990-400-pr3.dwg | USER NAME = GEORGE WHITTEN | DESIGNED - KLB | REVISED - |
| | | DRAWN - GW3 | REVISED - |
| | PLOT SCALE = 1" = .0833' | CHECKED - KLB | REVISED - |
| | PLOT DATE = 9/5/2017 12:29 PM | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK A.D.A. RAMP DETAILS
LAKE STREET ROADWAY IMPROVEMENTS

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

| | | | | |
|------------|----------------|--------|--------------|-----------|
| FAU RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 0195 | 15-00065-00-RS | LAKE | 80 | 46 |
| CONTRACT # | | | 61E14 | |

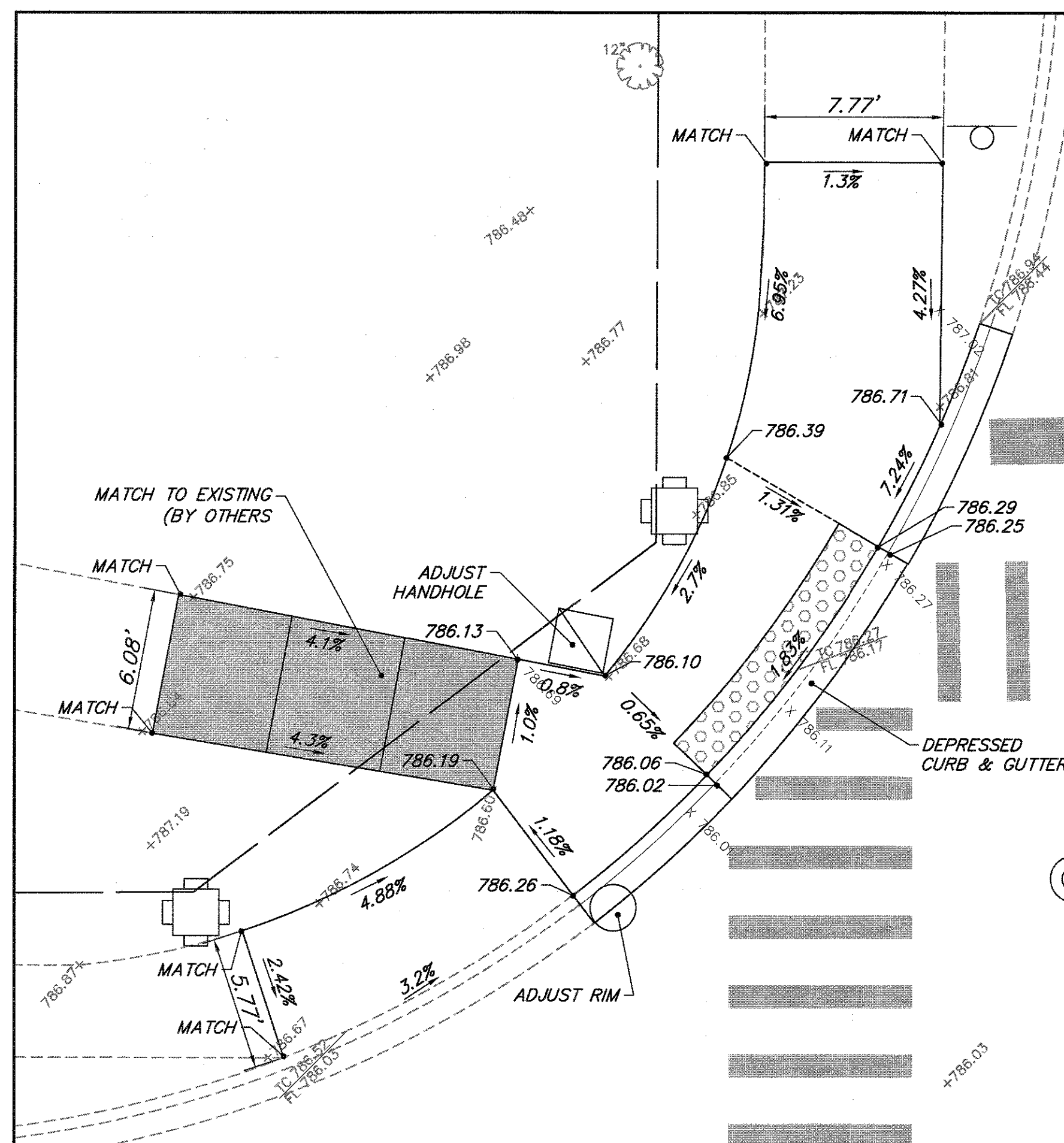
ILLINOIS FED. AID PROJECT



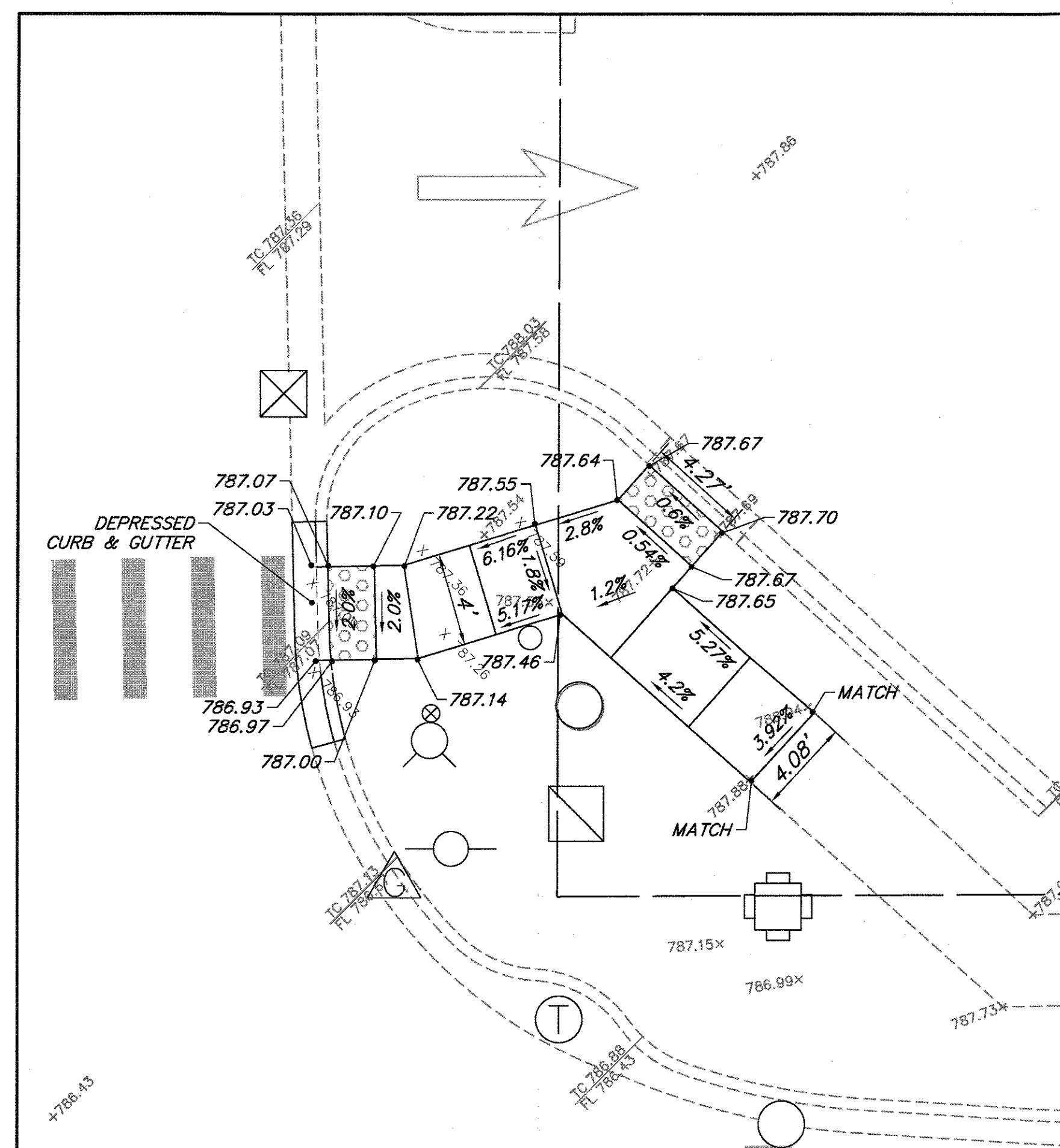
GRAPHIC SCALE



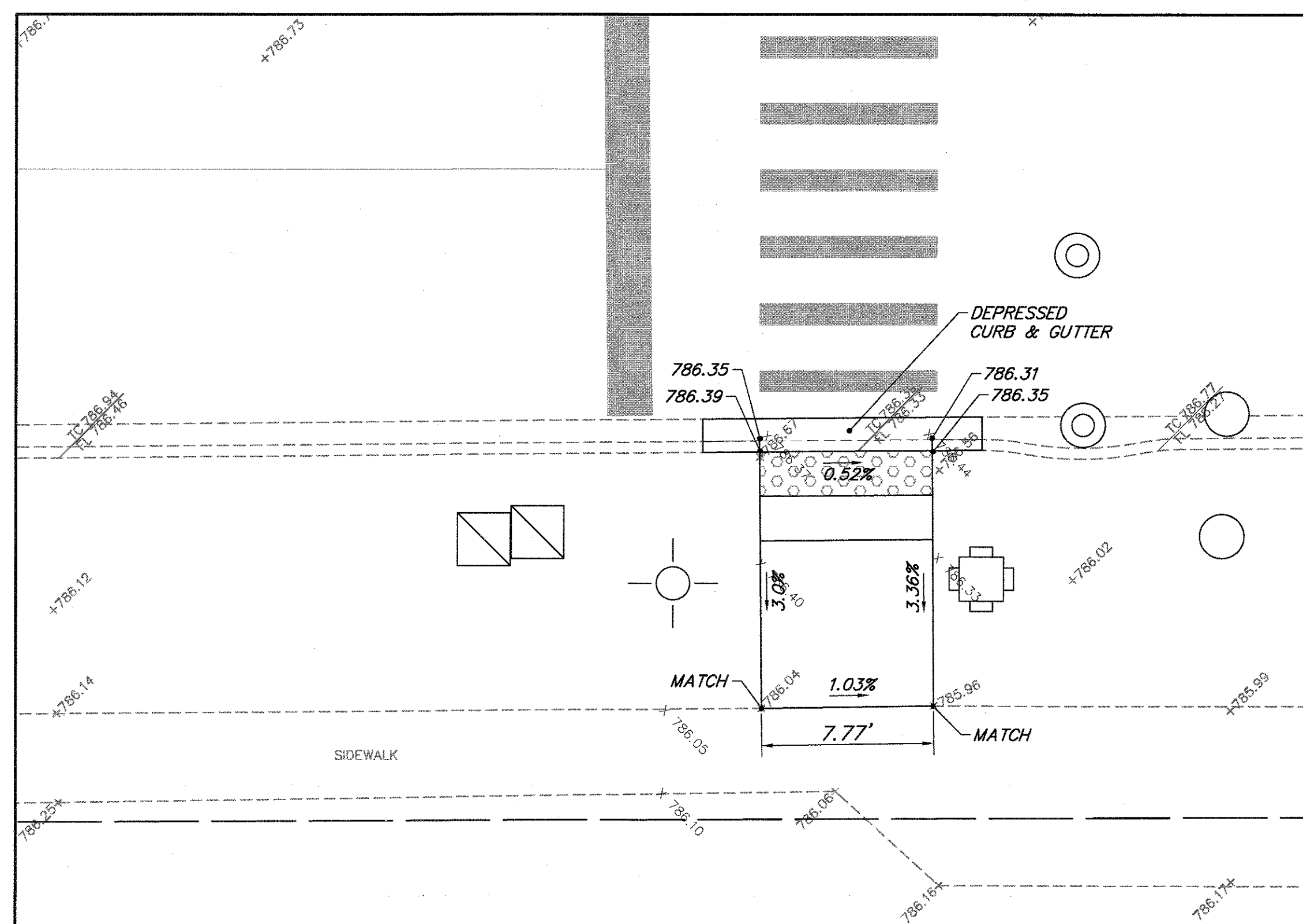
(IN FEET)
1 inch = 5 ft.



SOUTHWEST CORNER
LAKE ST.



NORTHWEST CORNER
LAKE ST.



SOUTHEAST CORNER

FILE NAME = 4990-400-pr3.dwg

USER NAME = GEORGE WHITTEN

DESIGNED - KLB

REVISED -

PLOT SCALE = 1" = .0833'

DRAWN - GW3

REVISED -

PLOT DATE = 9/5/2017 1:14 PM

CHECKED - KLB

REVISED -

DATE -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK A.D.A. RAMP DETAILS
LAKE STREET ROADWAY IMPROVEMENTS

SCALE 1"=5'

SHEET NO. - OF - SHEETS

STA. - TO STA. -

FAUJ. RTE.

SECTION

COUNTY

TOTAL SHEETS

SHEET NO.

0195

15-00065-00-RS

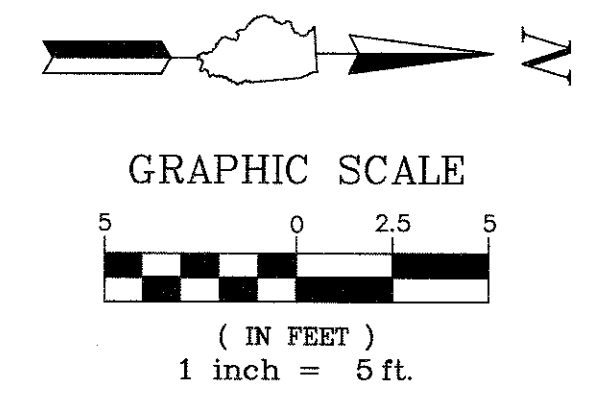
LAKE

80

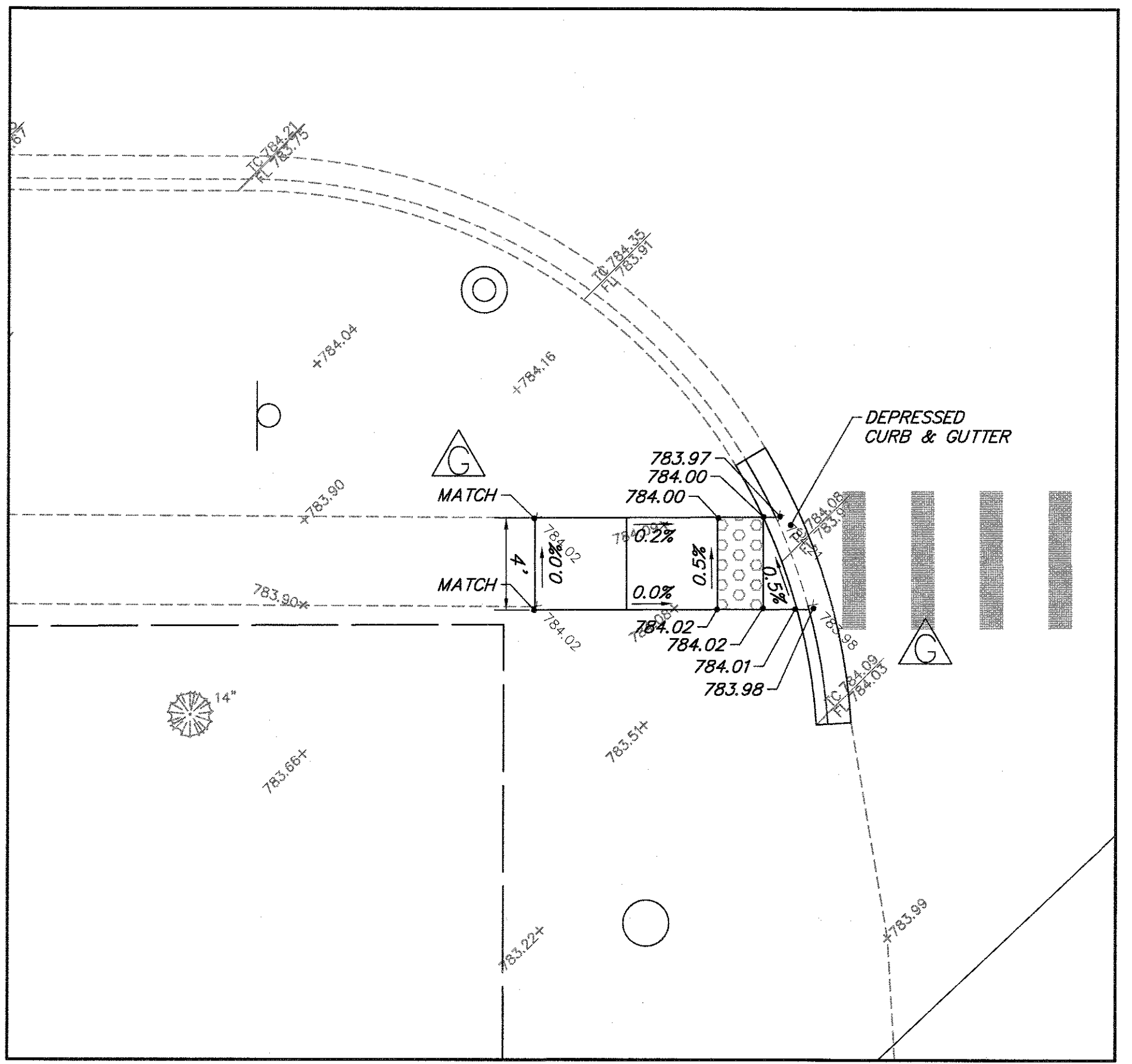
47

CONTRACT # 61E14

ILLINOIS FED. AID PROJECT

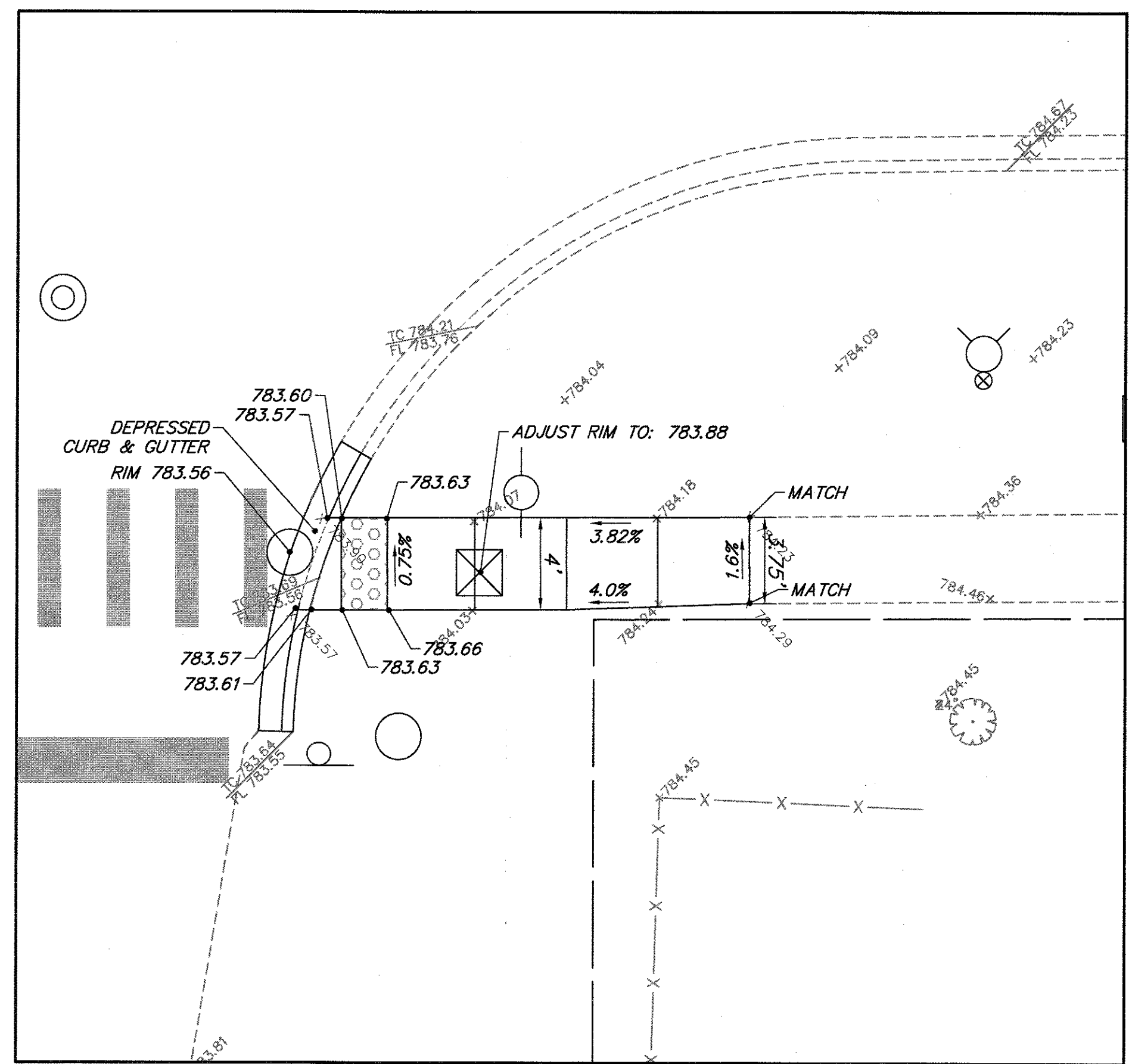


LAKE ST.



SOUTHEAST CORNER

LAKE ST.



NORTHEAST CORNER

CAROL LN.

| | | | |
|------------------------------|-------------------------------|----------------|-----------|
| FILE NAME = 4990-400-pr3.dwg | USER NAME = GEORGE WHITTEN | DESIGNED - KLB | REVISED - |
| | | DRAWN - GW3 | REVISED - |
| | PLOT SCALE = 1" = .0833' | CHECKED - KLB | REVISED - |
| | PLOT DATE = 9/5/2017 10:48 AM | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK A.D.A. RAMP DETAILS
LAKE STREET ROADWAY IMPROVEMENTS

| FAU RTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 0195 | 15-00065-00-RS | LAKE | 80 | 48 |
| CONTRACT # | | | 61E14 | |
| ILLINOIS FED. AID PROJECT | | | | |

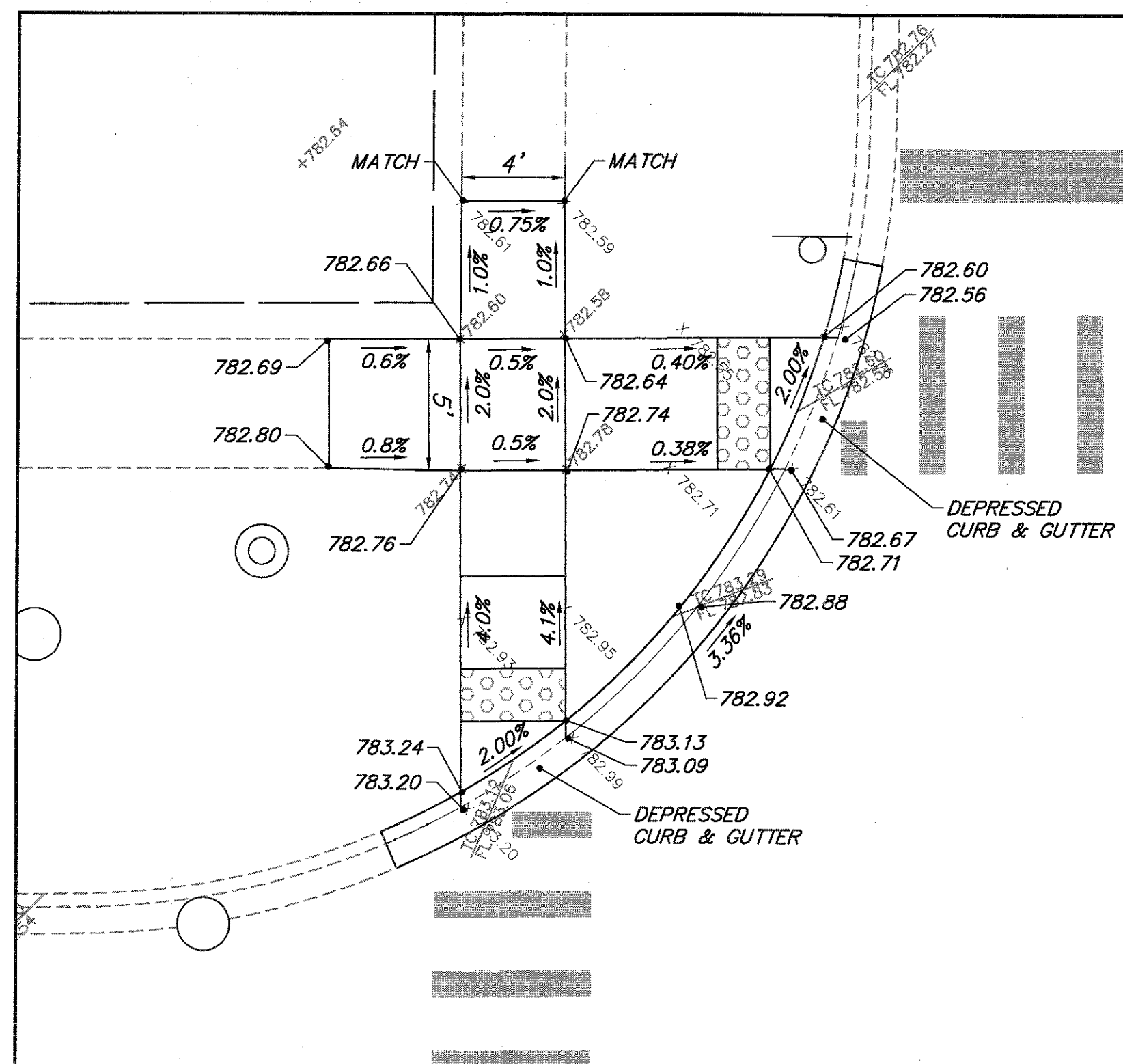
SCALE 1"=5' SHEET NO. - OF - SHEETS STA. - TO STA. -



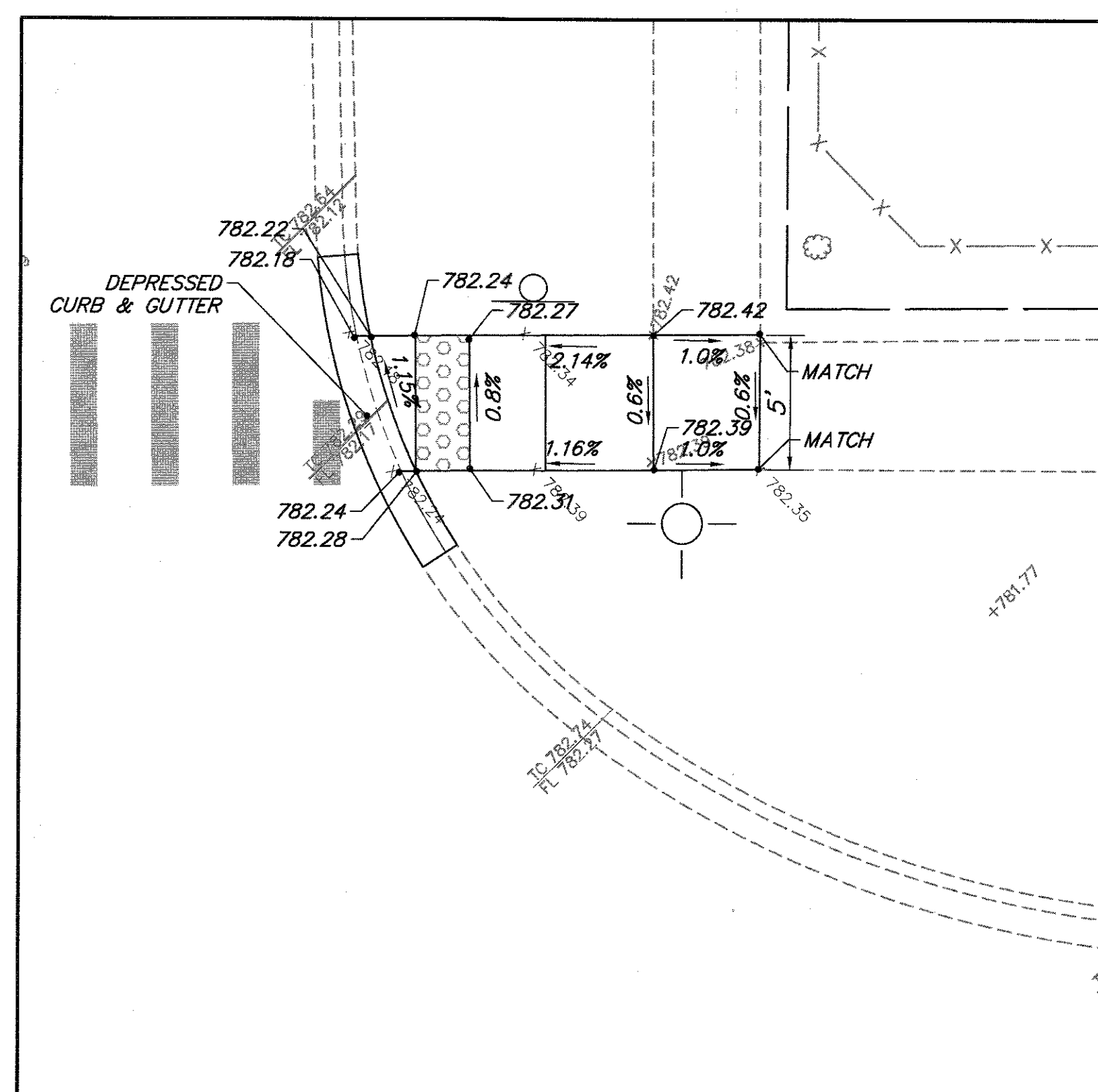
GRAPHIC SCALE



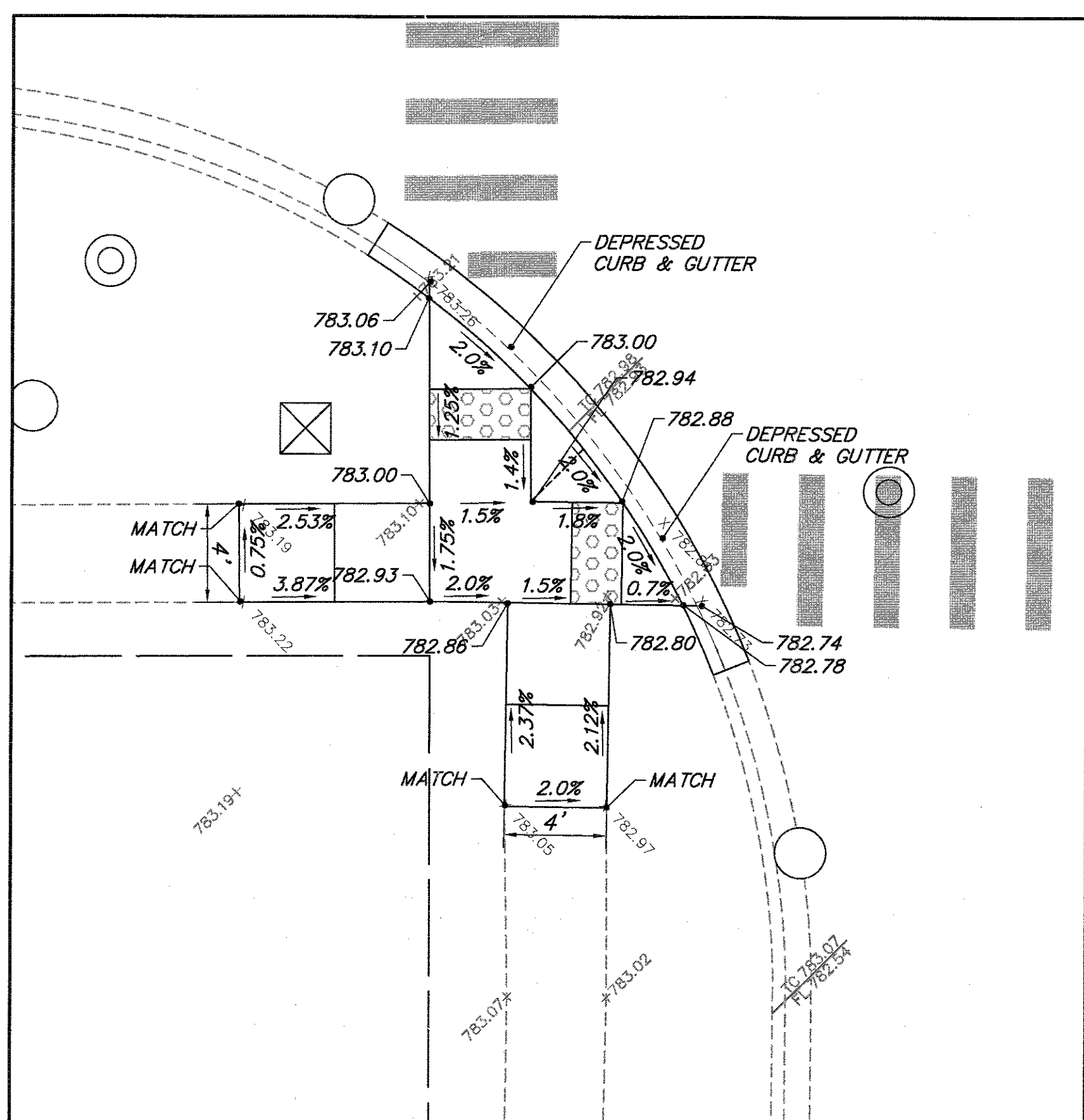
(IN FEET)
1 inch = 5 ft.



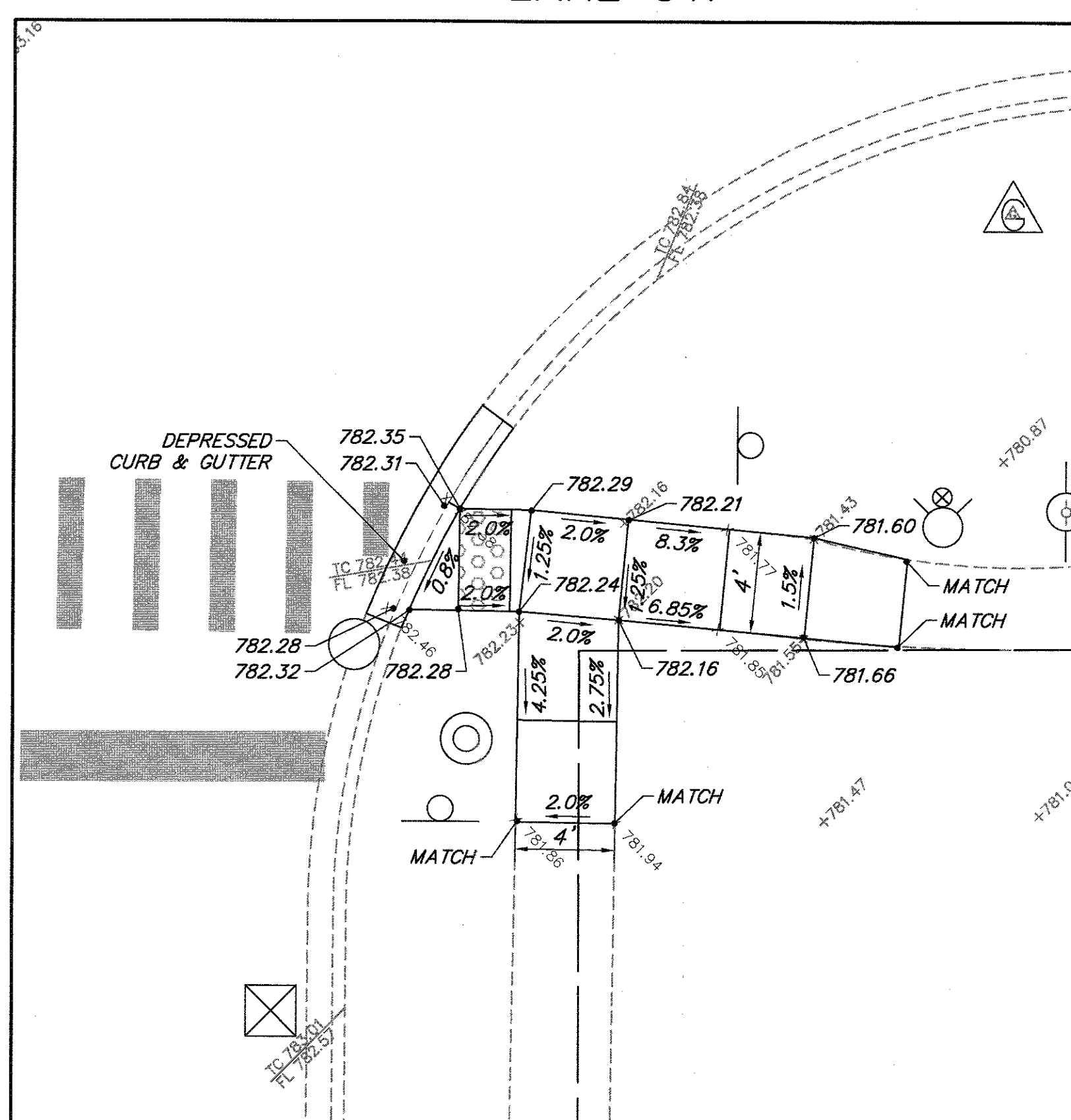
SOUTHWEST CORNER
LAKE ST.



NORTHWEST CORNER
LAKE ST.



SOUTHEAST CORNER



NORTHEAST CORNER

HIGHLAND RD.

HIGHLAND RD.

FILE NAME = 4990-400-pr3.dwg

USER NAME = GEORGE WHITTEN

DESIGNED - KLB

REVISED -

PLOT SCALE = 1" = .0833'

DRAWN - GW3

REVISED -

PLOT DATE = 9/3/2017 12:36 PM

CHECKED - KLB

REVISED -

DATE -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK A.D.A. RAMP DETAILS
LAKE STREET ROADWAY IMPROVEMENTS

SCALE 1"=5'

SHEET NO. - OF - SHEETS

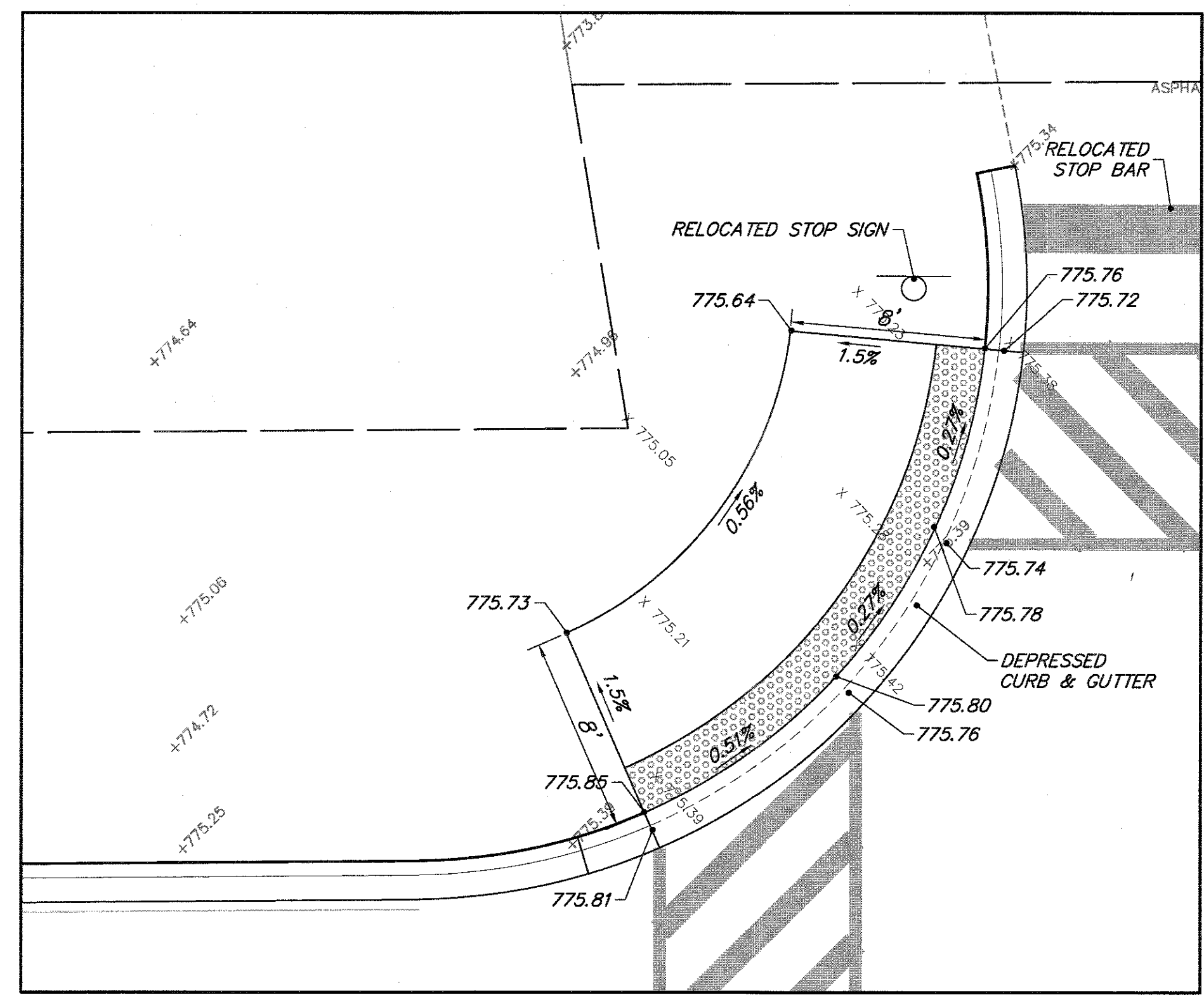
STA. - TO STA. -

| FAU. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------|----------------|--------|--------------|------------------|
| 0195 | 15-00065-00-RS | LAKE | 80 | 49 |
| | | | | CONTRACT # 61E14 |

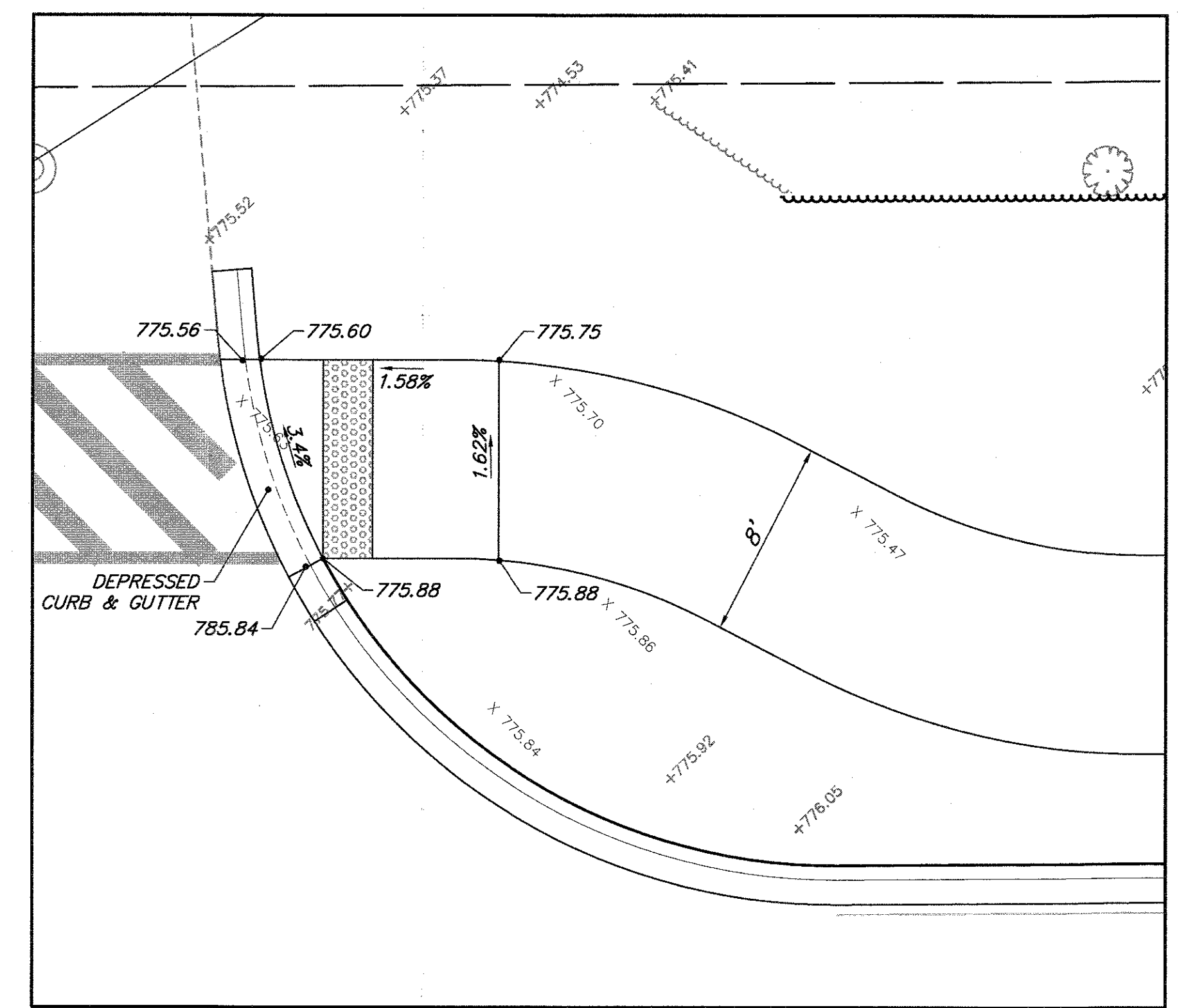
ILLINOIS FED. AID PROJECT



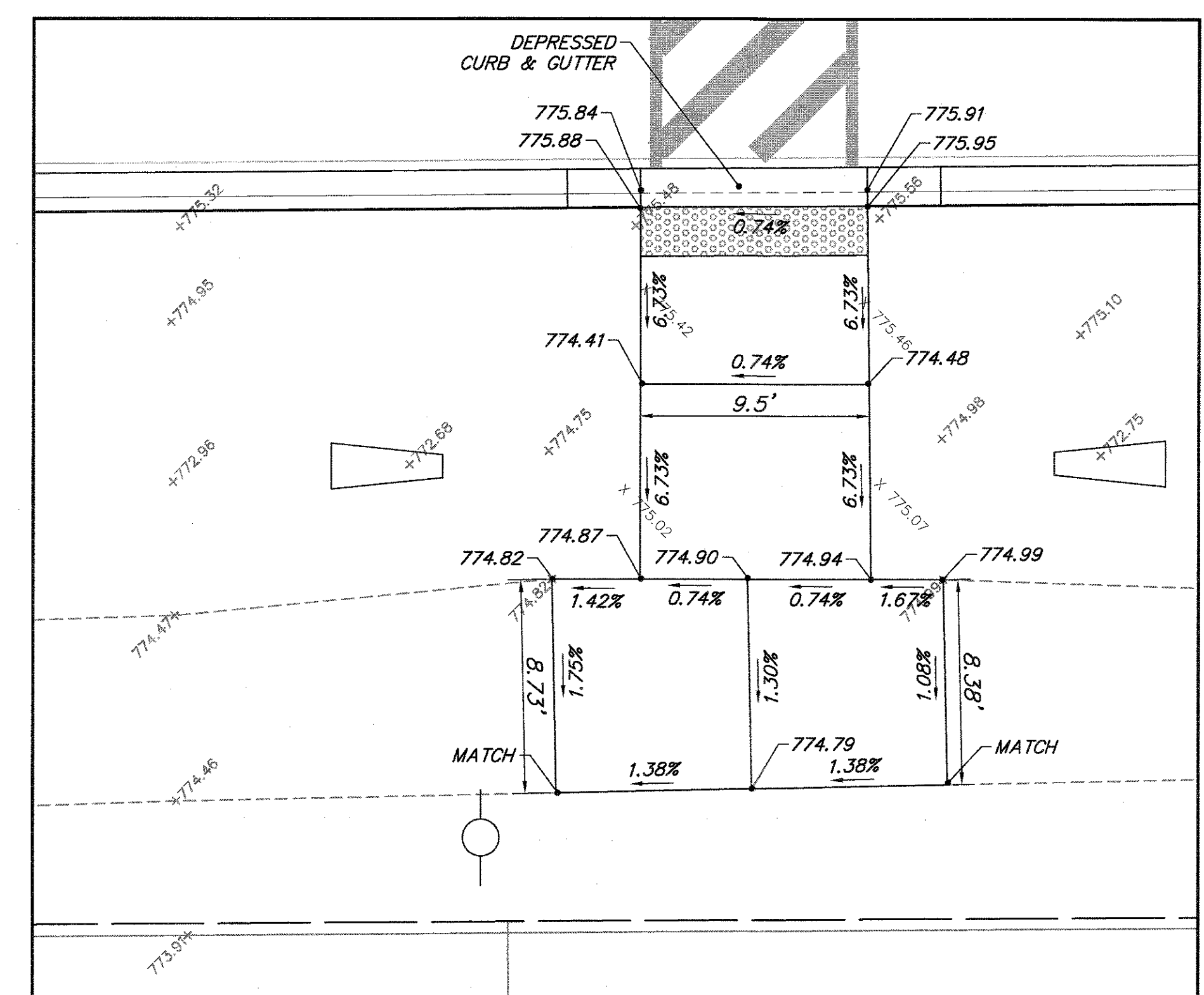
GRAPHIC SCALE
 (IN FEET)
 1 inch = 5 ft.



SOUTHWEST CORNER
 LAKE ST.



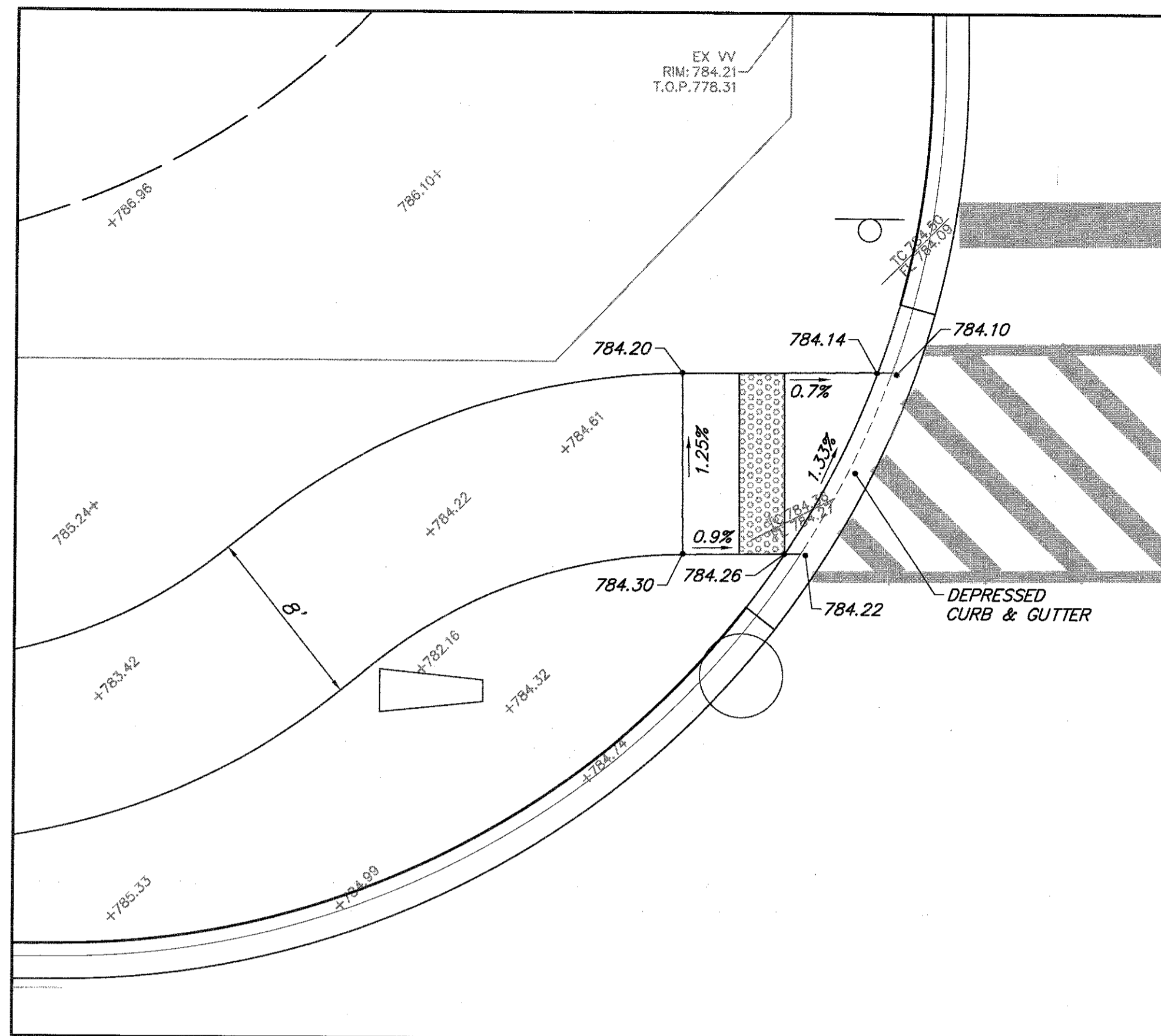
NORTHWEST CORNER
 LAKE ST.



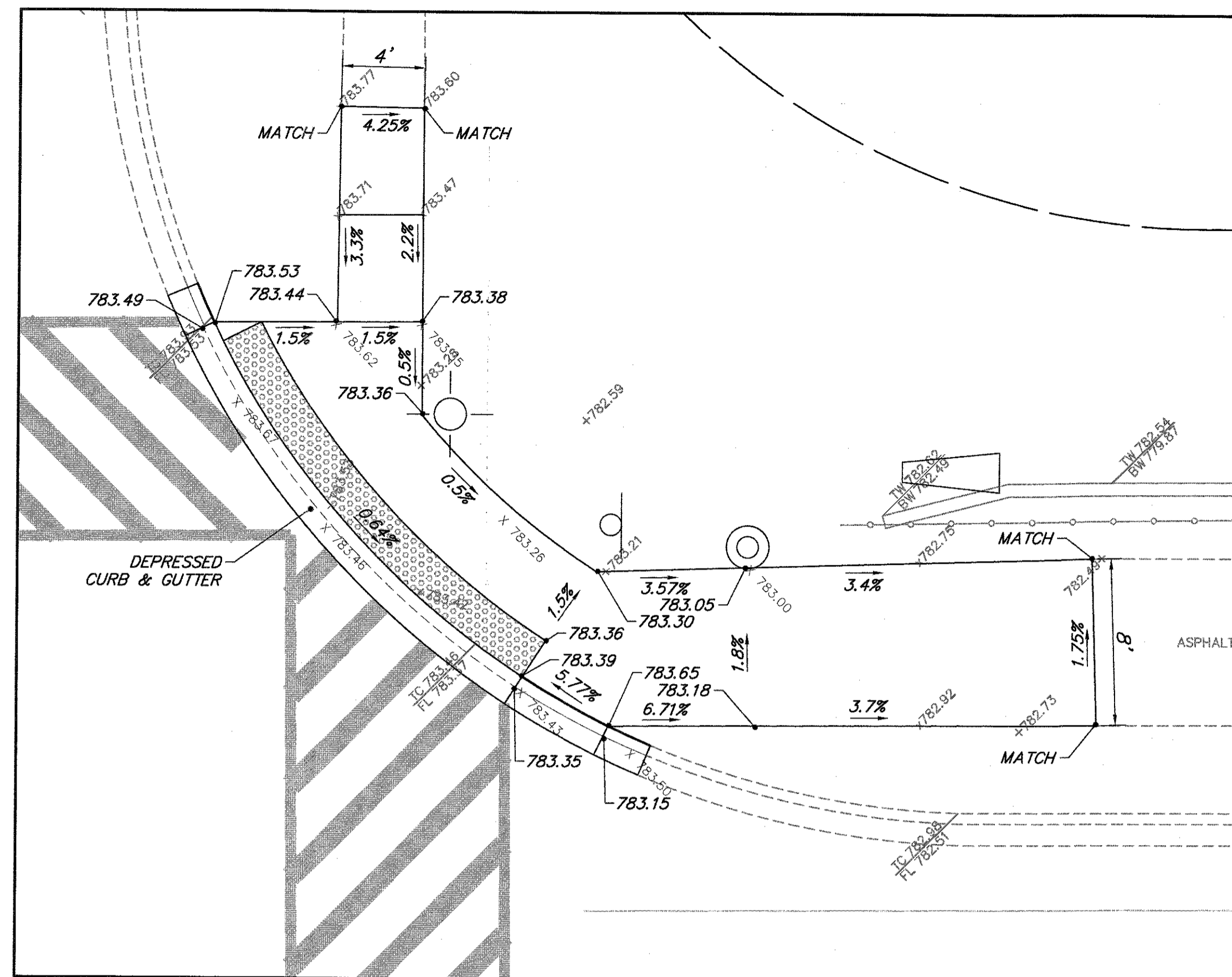
SOUTHEAST CORNER

PARK ENTRANCE

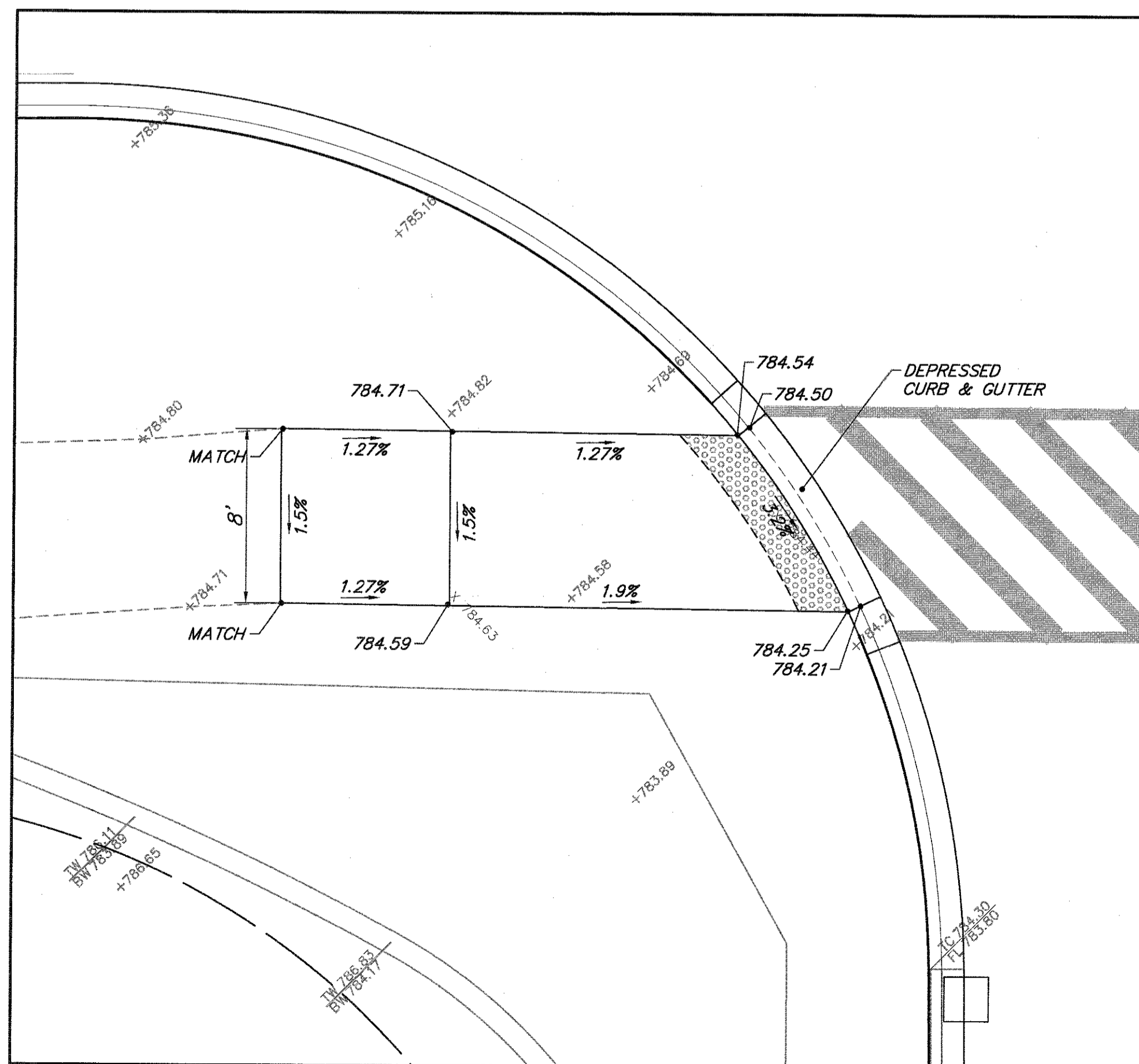
| | | | | | | | | | | | |
|--------------------------------|----------------------------|----------------|-----------|---|--|--|----------------|------------------------|-------------------------|------------------|------------------|
| FILE NAME = 4990-400-pr3.dwg | USER NAME = GEORGE WHITTEN | DESIGNED - KLB | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | SIDEWALK A.D.A. RAMP DETAILS LAKE STREET ROADWAY IMPROVEMENTS | | FAU. RTE. 0195 | SECTION 15-00065-00-RS | COUNTY LAKE | TOTAL SHEETS 80 | SHEET NO. 50 |
| | PLOT SCALE = 1" = .0833' | CHECKED - KLB | REVISED - | | | | SCALE 1"=5' | | SHEET NO. - OF - SHEETS | STA. - TO STA. - | CONTRACT # 61E14 |
| PLOT DATE = 7/27/2017 10:43 AM | DATE - | DATE - | REVISED - | | | | | | | | |



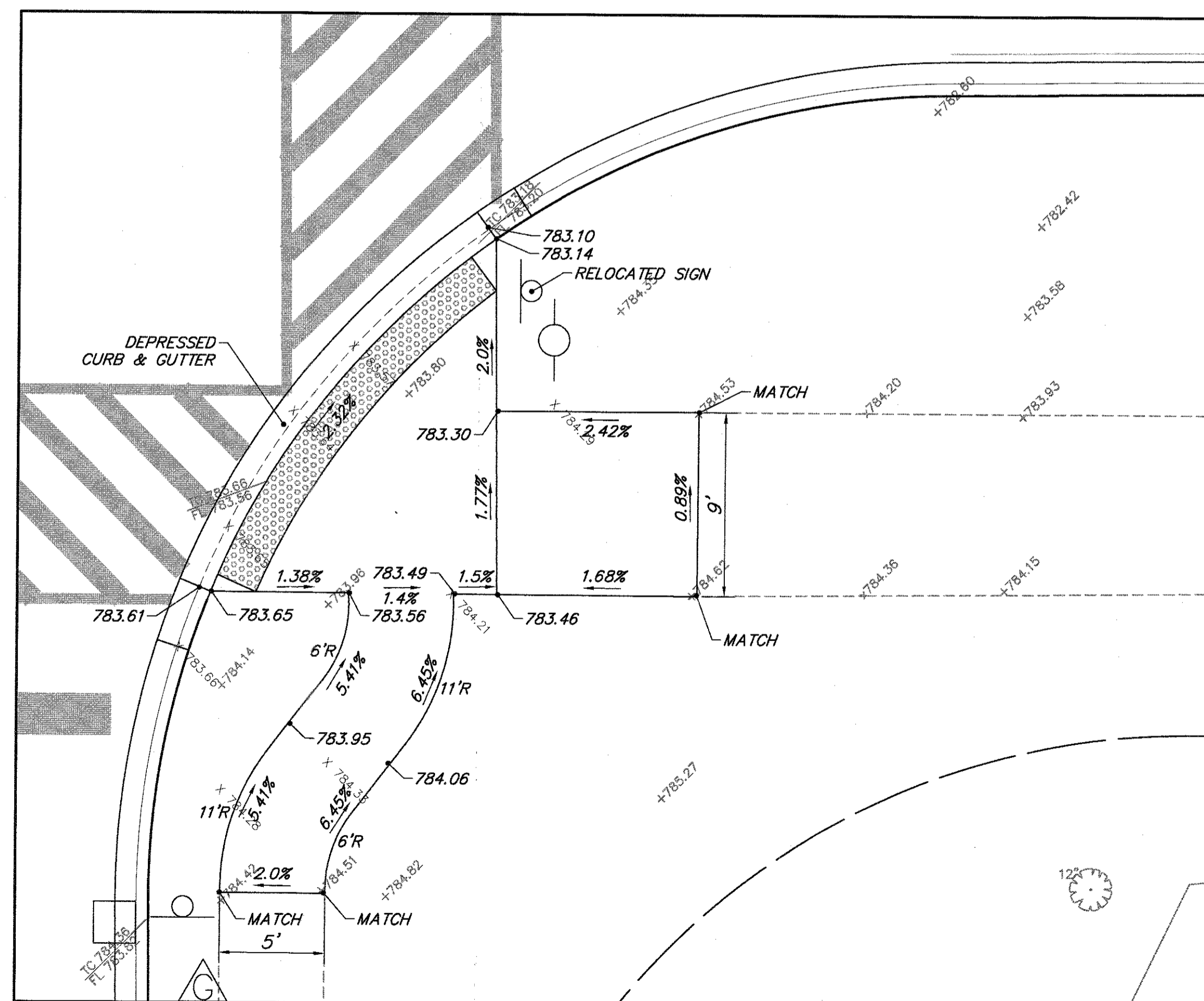
SOUTHWEST CORNER
LAKE ST.



NORTHWEST CORNER
LAKE ST.



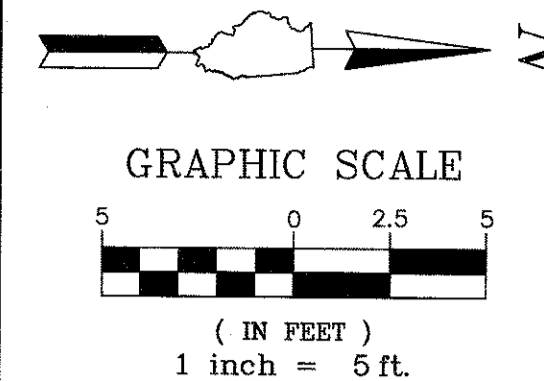
SOUTHEAST CORNER



NORTHEAST CORNER

JAMESTOWN CT.

JAMESTOWN BLVD.



FILE NAME = 4990-400-pr3.dwg

USER NAME = GEORGE WHITTEN

DESIGNED - KLB

REVISED -

PLOT SCALE = 1" = .0833'

DRAWN - GW3

REVISED -

PLOT DATE = 7/27/2017 10:42 AM

CHECKED - KLB

REVISED -

DATE -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK A.D.A. RAMP DETAILS
LAKE STREET ROADWAY IMPROVEMENTS

| FAU. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------|----------------|--------|--------------|-----------|
| 0195 | 15-00065-00-RS | LAKE | 80 | 51 |

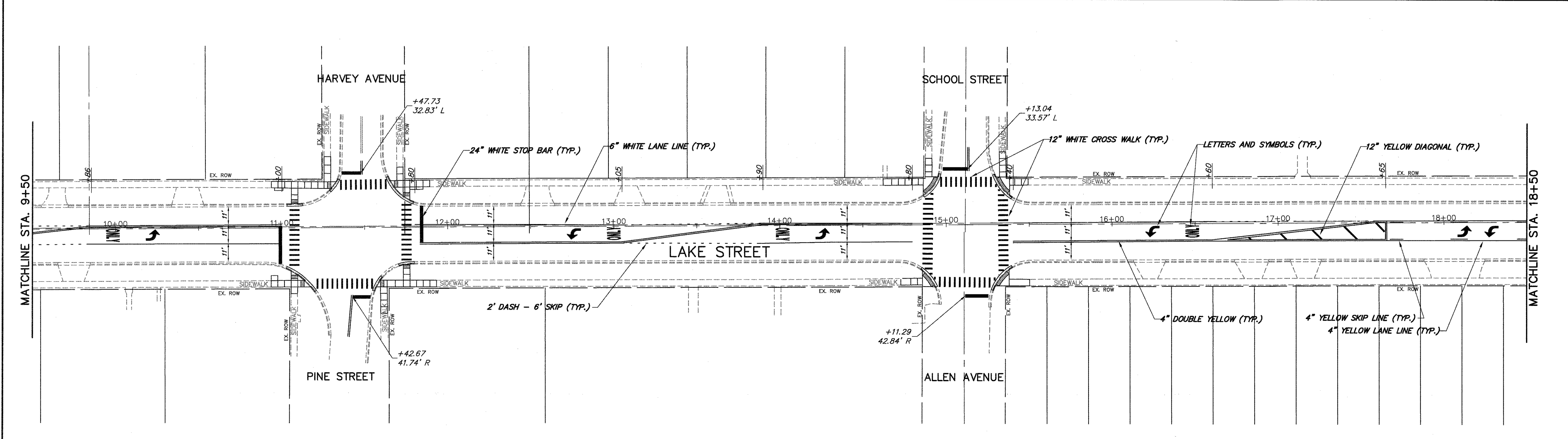
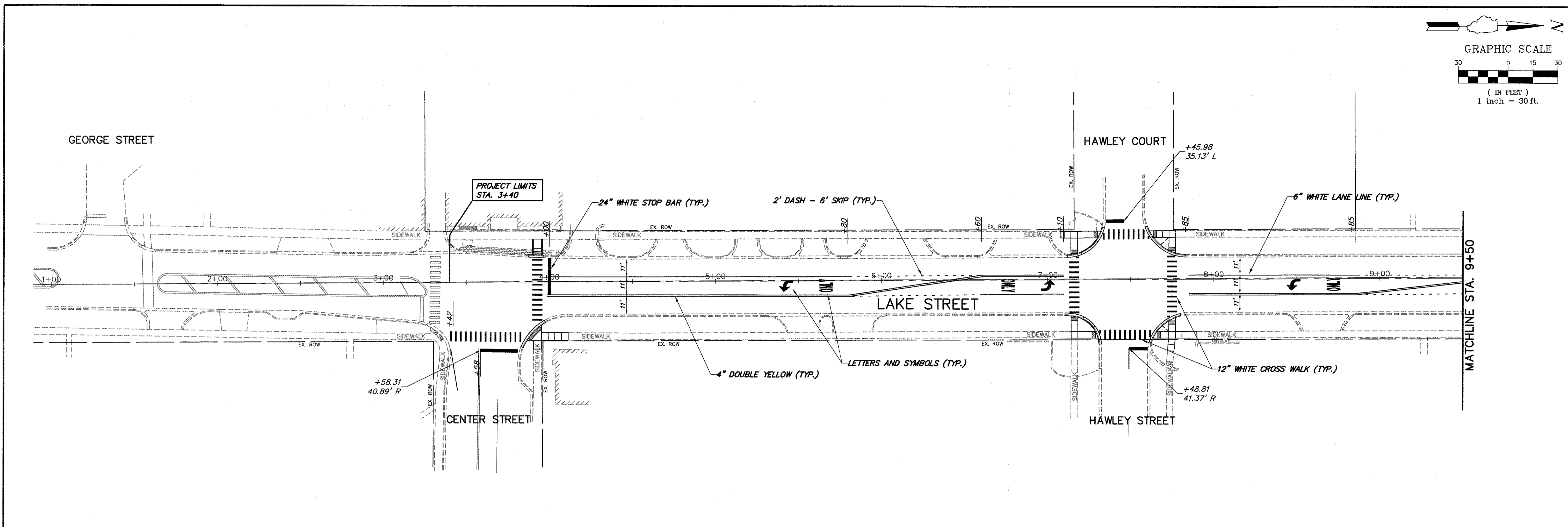
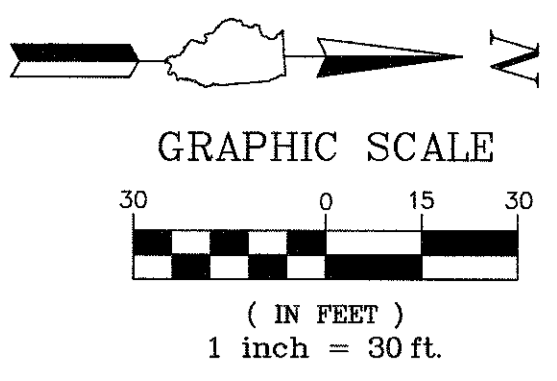
SCALE 1"=5'

SHEET NO. - OF - SHEETS

STA. - TO STA. -

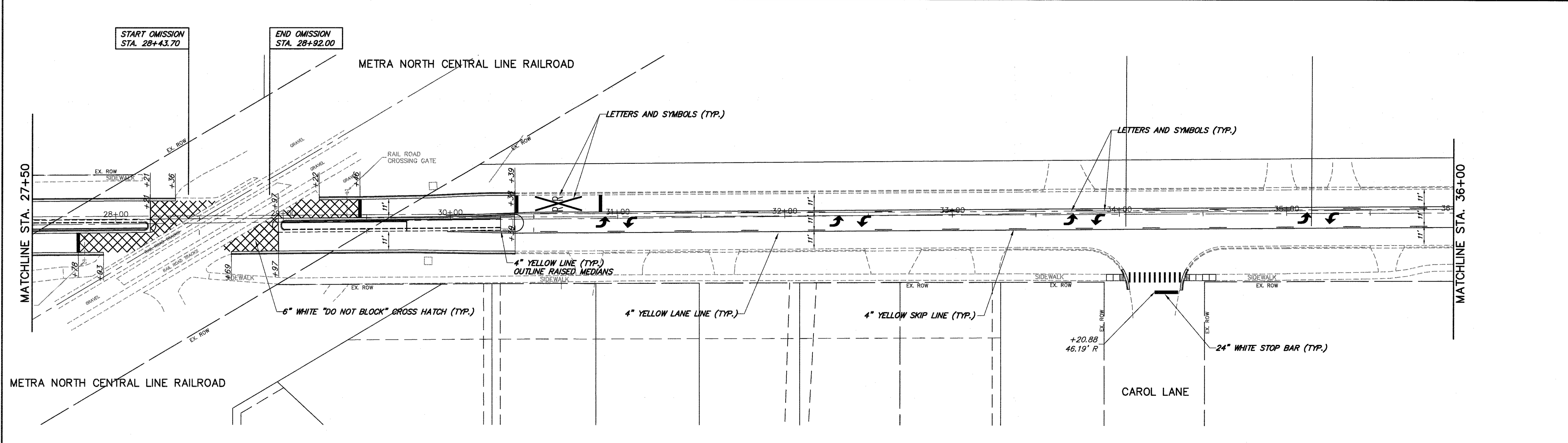
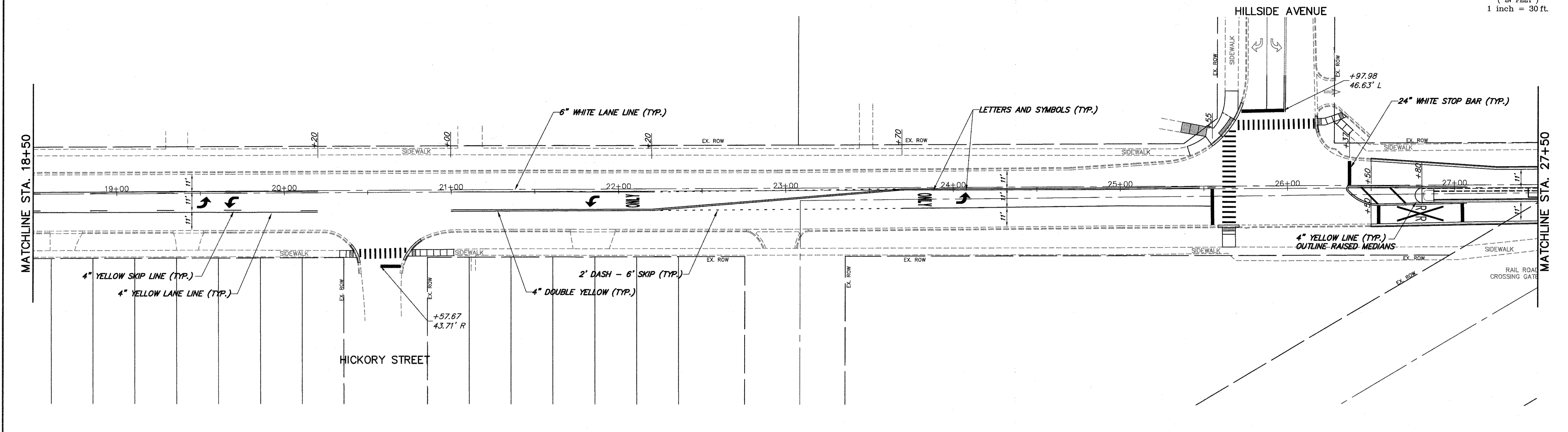
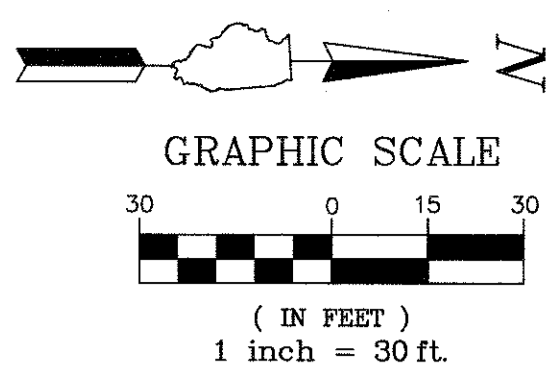
CONTRACT # 61E14

ILLINOIS FED. AID PROJECT



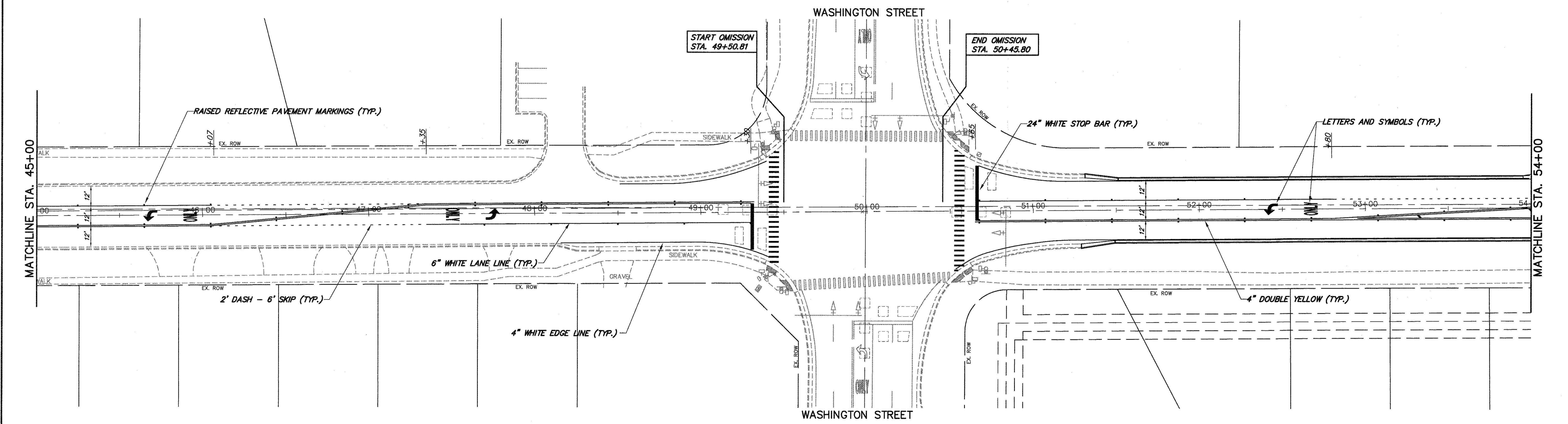
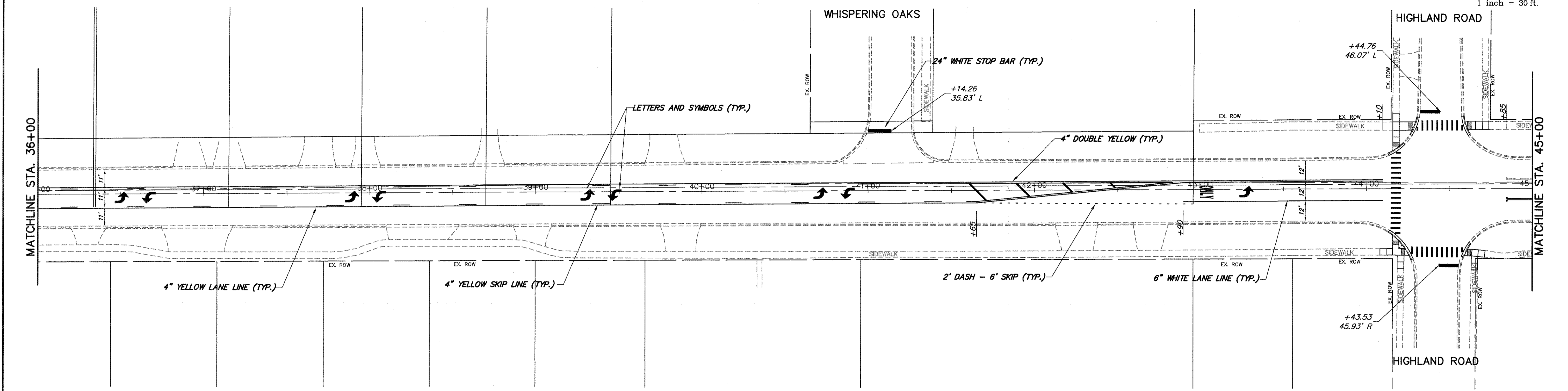
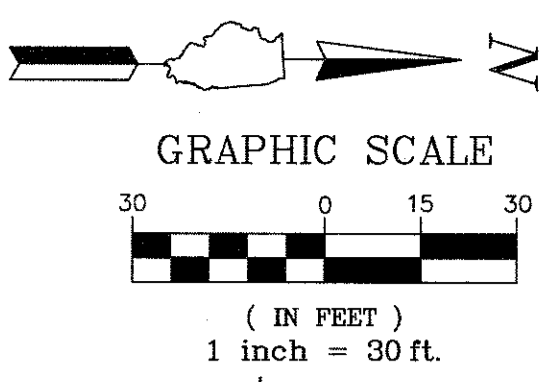
NOTE: ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.

| | | | | | | | | | | | |
|-------------------------------|----------------------------|----------------|-----------|---|---|------------------|------------------|---------------------------|-------------|-----------------|--------------|
| FILE NAME = 4990-400-pr3.dwg | USER NAME = GEORGE WHITTEN | DESIGNED - KLB | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PAVEMENT MARKING PLAN LAKE STREET ROADWAY IMPROVEMENTS | | FAU. RTE. 0195 | SECTION 15-00065-00-RS | COUNTY LAKE | TOTAL SHEETS 80 | SHEET NO. 52 |
| | PLOT SCALE = 1" = .0833' | DRAWN - CW3 | REVISED - | | | | CONTRACT # 61E14 | ILLINOIS FED. AID PROJECT | | | |
| PLOT DATE = 9/13/2017 1:46 PM | CHECKED - KLB | DATE - | REVISED - | SCALE 1"=30' | SHEET NO. - OF - SHEETS | STA. - TO STA. - | | | | | |



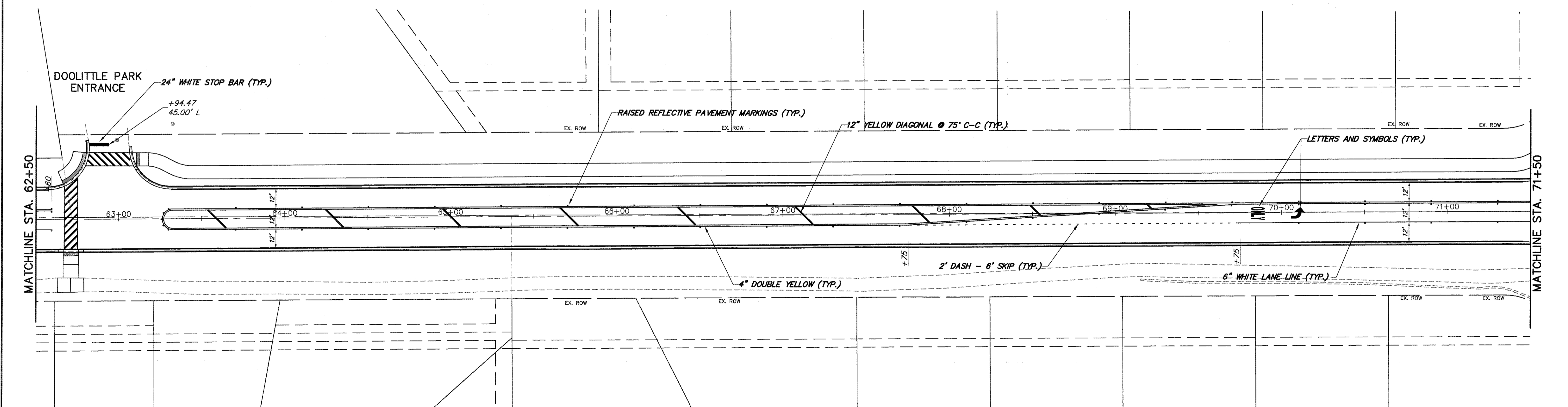
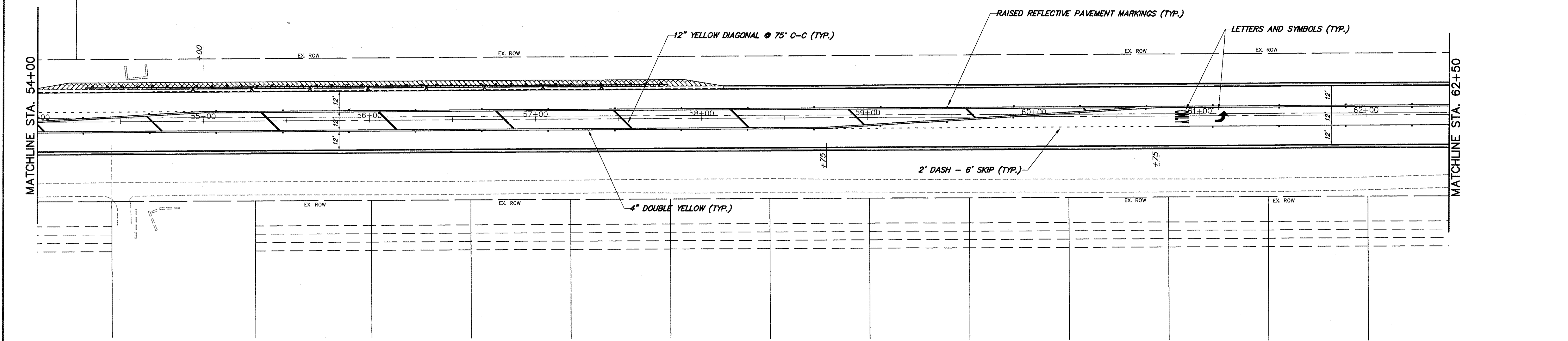
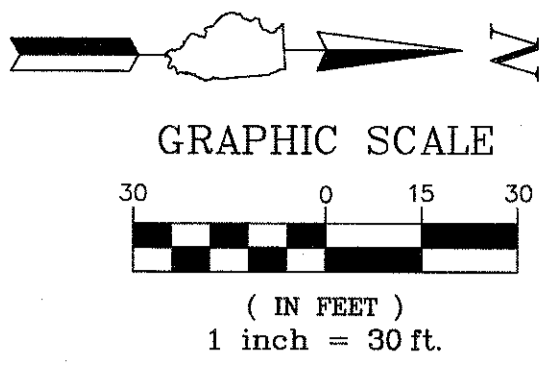
NOTE: ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.

| | | | | | | | | | | | | | |
|------------------------------|----------------------------|----------------|-----------|---|---|------------------|---------------------------|----------------|--------|--------------|-----------|--|--|
| FILE NAME = 4990-400-pr3.dwg | USER NAME = GEORGE WHITTEN | DESIGNED - KLB | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PAVEMENT MARKING PLAN LAKE STREET ROADWAY IMPROVEMENTS | | FAU. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | | |
| | | DRAWN - CW3 | REVISED - | | | | 0195 | 15-00065-00-RS | LAKE | 80 | 53 | | |
| | | CHECKED - KLB | REVISED - | | | | CONTRACT # 61E14 | | | | | | |
| | | DATE - | REVISED - | | | | ILLINOIS FED. AID PROJECT | | | | | | |
| | | | | SCALE 1"=30' | SHEET NO. - OF - SHEETS | STA. - TO STA. - | | | | | | | |



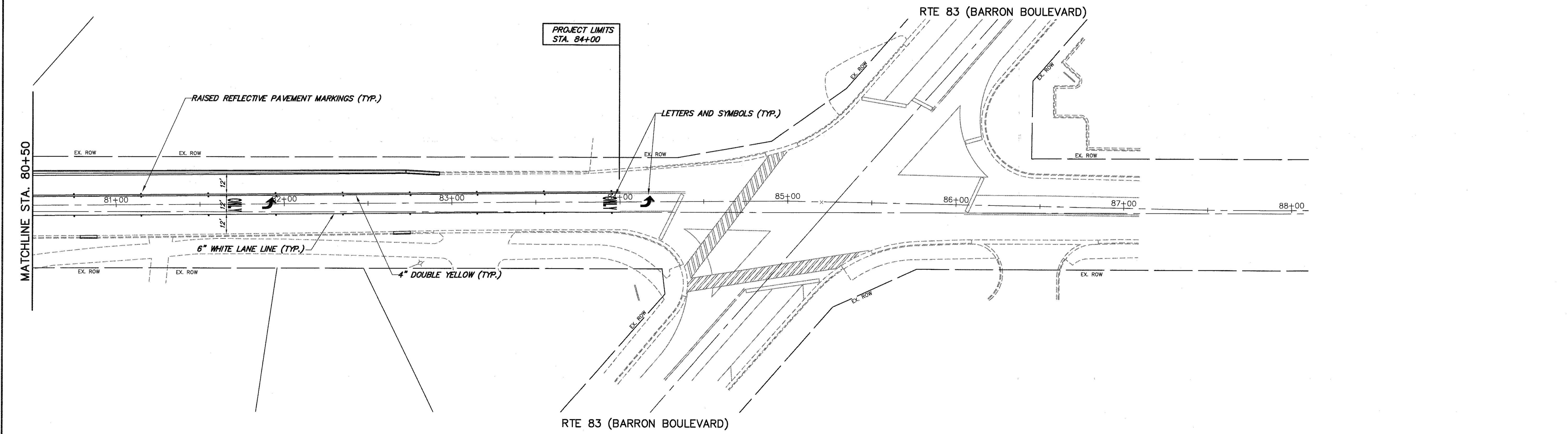
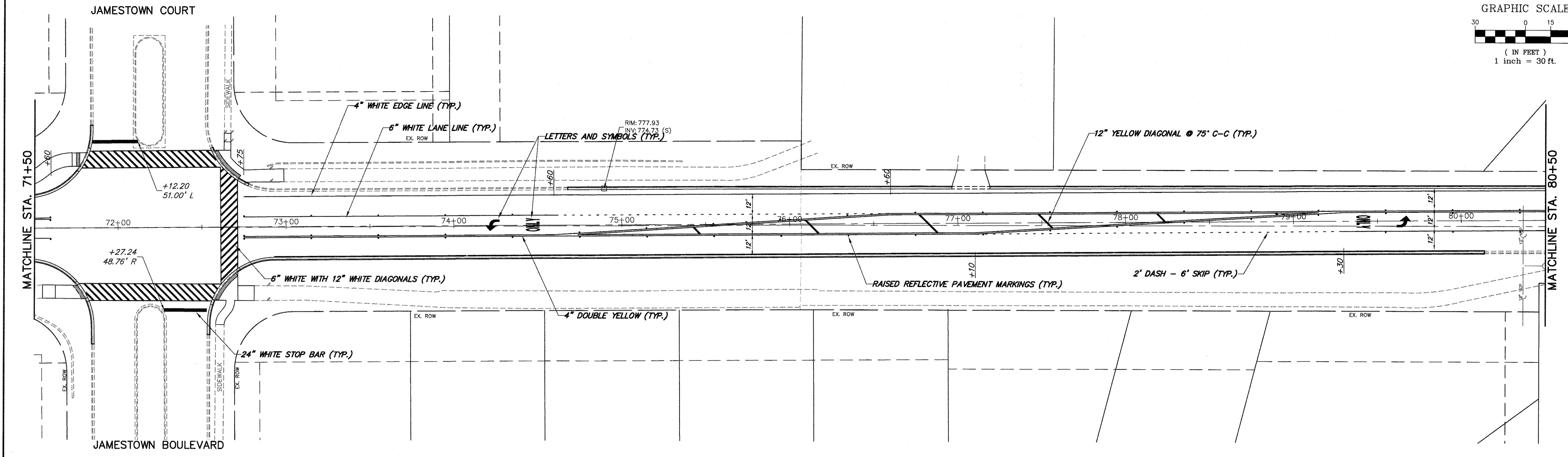
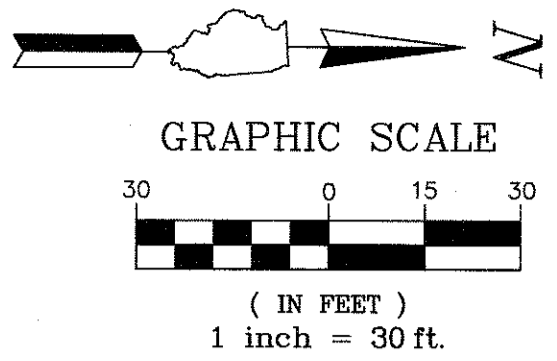
NOTE: ALL PAVEMENT MARKINGS SHALL BE BUILT TO THE SHOWN DIMENSIONS.

| | | | | | | | | | | | | |
|------------------------------|----------------------------|-------------------------|-----------|---|---|----------------|-------------------------|---------|------------------|--------------|------------------|--|
| FILE NAME = 4990-400-pr3.dwg | USER NAME = GEORGE WHITTEN | DESIGNED - KLB | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PAVEMENT MARKING PLAN LAKE STREET ROADWAY IMPROVEMENTS | | FALL RTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| | | DRAWN - GW3 | REVISED - | | 0195 | 15-00065-00-RS | LAKE | 80 | 54 | | | |
| | | CHECKED - KLB | REVISED - | | SCALE 1"=30' | | SHEET NO. - OF - SHEETS | | STA. - TO STA. - | | CONTRACT # 61E14 | |
| | | DATE - 8/7/2017 5:34 AM | REVISED - | | ILLINOIS FED. AID PROJECT | | | | | | | |



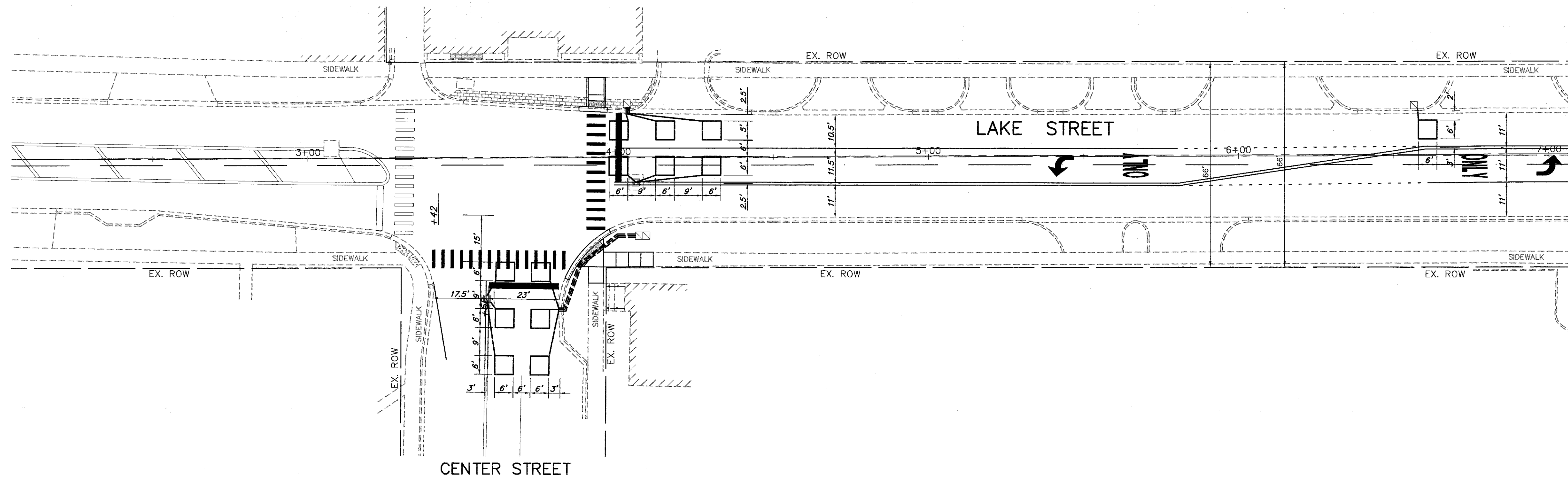
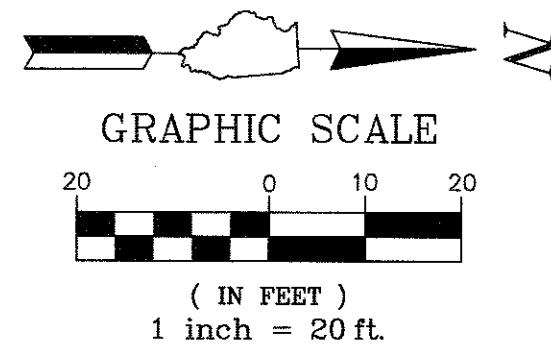
NOTE: ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.

| | | | | | | | | | | | | |
|------------------------------|------------------------------|----------------|-----------|---|---|-------------------------|------------------|------------|----------------|--------|-----------------|--------------|
| FILE NAME = 4990-400-pr3.dwg | USER NAME = GEORGE WHITTEN | DESIGNED - KLB | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PAVEMENT MARKING PLAN LAKE STREET ROADWAY IMPROVEMENTS | | | FAU RTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | PLOT SCALE = 1" = .0833' | DRAWN - GW3 | REVISED - | | SCALE 1"=30' | SHEET NO. - OF - SHEETS | STA. - TO STA. - | 0195 | 15-00065-00-RS | LAKE | 80 | 55 |
| | PLOT DATE = 8/7/2017 9:33 AM | CHECKED - KLB | REVISED - | | | | | | | | | |
| | | DATE - | REVISED - | | | | | | | | | |

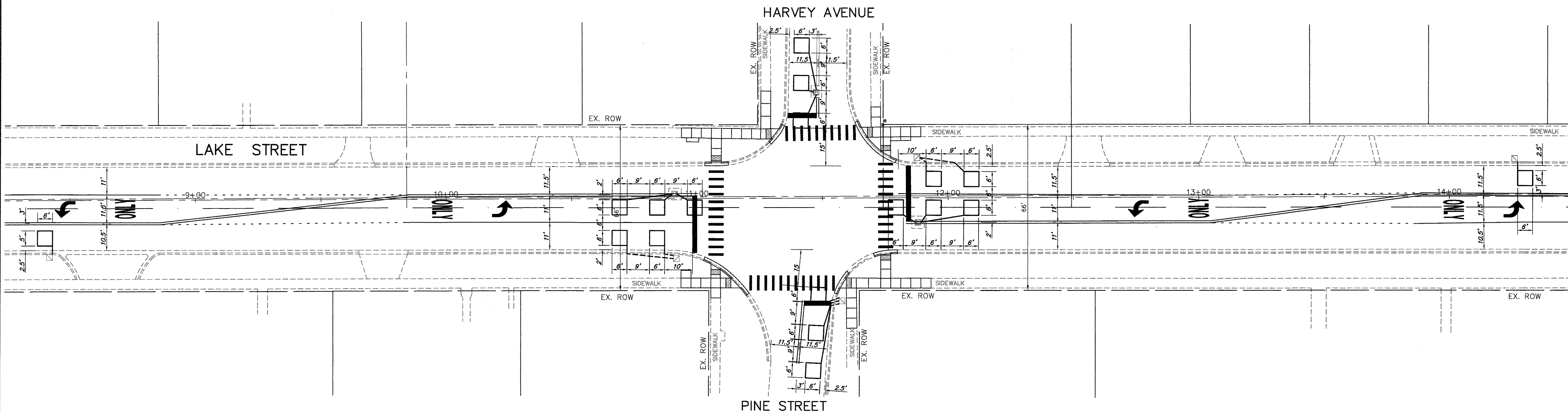


NOTE: ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.

| | | | | | | | | | | | |
|------------------------------|-------------------------------|----------------|-----------|---|---|-------------------------|------------------|------------------------|-------------|---------------------------|--------------|
| FILE NAME = 4990-400-pr3.dwg | USER NAME = GEORGE WHITTEN | DESIGNED - KLB | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PAVEMENT MARKING PLAN LAKE STREET ROADWAY IMPROVEMENTS | | FAU. RTE 0195 | SECTION 15-00065-00-RS | COUNTY LAKE | TOTAL SHEETS 80 | SHEET NO. 56 |
| | PLOT SCALE = 1" = .0833' | DRAWN - GW3 | REVISED - | | SCALE - 1" = 30' | SHEET NO. - OF - SHEETS | STA. - TO STA. - | CONTRACT # 61E14 | | ILLINOIS FED. AID PROJECT | |
| | PLOT DATE = 8/29/2017 2:30 PM | CHECKED - KLB | REVISED - | | | | | | | | |
| | | DATE - | REVISED - | | | | | | | | |



NOTE:
1. THE CONTRACTOR SHALL LOCATE ALL EXISTING DETECTOR LOOPS PRIOR TO HMA SURFACE REMOVAL (MILLING).



FILE NAME = 4990-400-TR1.dwg

USER NAME = GEORGE WHITTEN

DESIGNED - KLB

REVISED -

PLOT SCALE = 1" = .0833'

DRAWN - ZMY

REVISED -

PLOT DATE = 8/2/2017 9:33 AM

CHECKED - KLB

REVISED -

DATE -

REVISED -

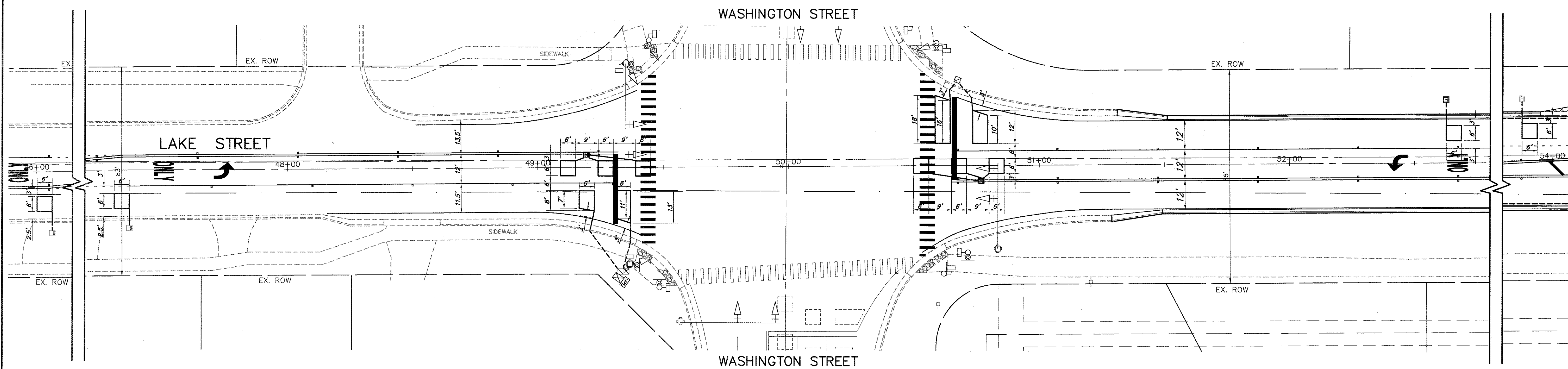
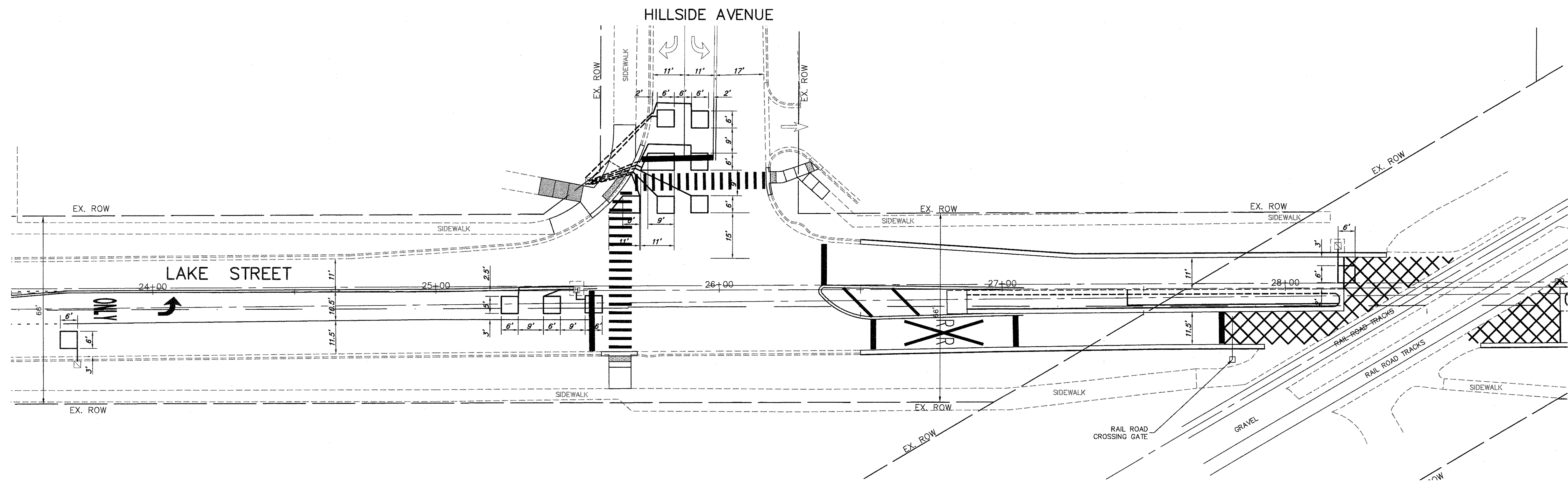
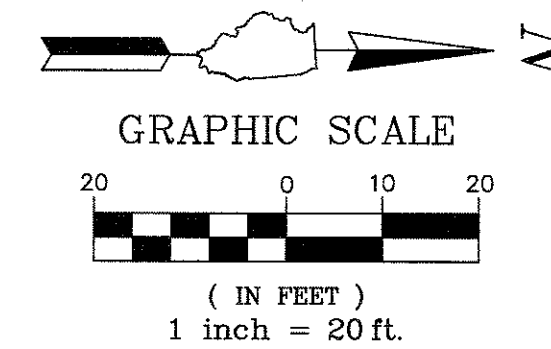
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED DETECTOR LOOP REPLACEMENT PLAN
LAKE STREET ROADWAY IMPROVEMENTS**

SCALE 1" = 20' SHEET NO. - OF - SHEETS STA. N/A TO STA. N/A

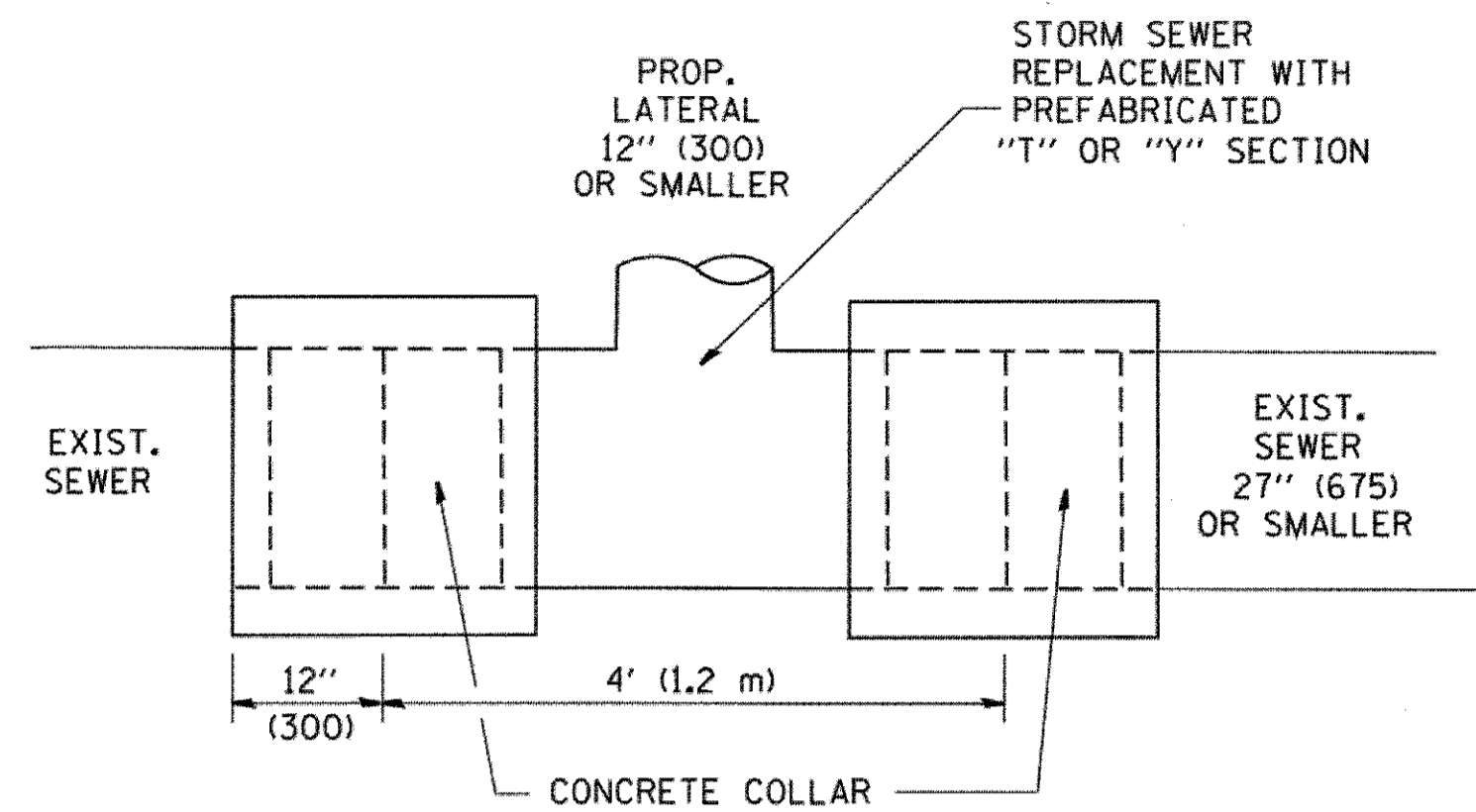
| FAU. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|------------|----------------|--------|--------------|-----------|
| 0195 | 15-00065-00-RS | LAKE | 80 | 57 |
| CONTRACT # | | | 61E14 | |

ILLINOIS FED. AID PROJECT



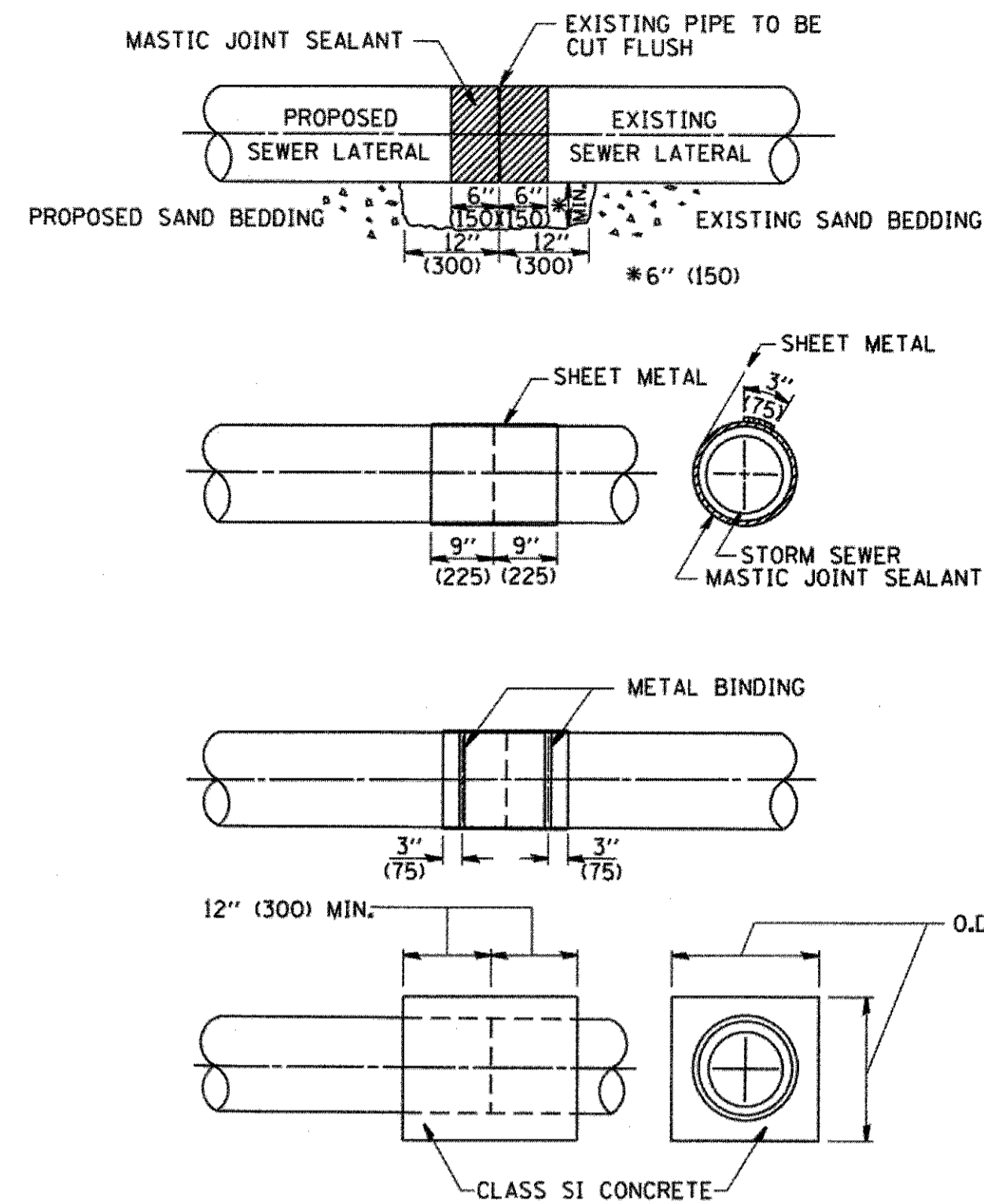
NOTE:
 1. ALL DETECTOR LOOPS BETWEEN STA. 49+00 AND STA. 51+00 SHALL BE APPROVED BY LAKE COUNTY DIVISION OF TRANSPORTATION PRIOR TO INSTALLATION. CONTRACTOR SHALL CALL LCDOT PASSAGE AT 847-377-7400 FOR DETECTOR LOOP LOCATION APPROVAL.
 2. THE CONTRACTOR SHALL LOCATE ALL EXISTING DETECTOR LOOPS PRIOR TO HMA SURFACE REMOVAL (MILLING).

| | | | | | | | | | | | |
|------------------------------|----------------------------|----------------|-----------|---|---|----------------|----------------|---------------------------|--------------|----------------------|--|
| FILE NAME = 4990-400-TR1.dwg | USER NAME = GEORGE WHITTEN | DESIGNED - KLB | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PROPOSED DETECTOR LOOP REPLACEMENT PLAN LAKE STREET ROADWAY IMPROVEMENTS | F.A.U. RTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| | | DRAWN - ZMY | REVISED - | | | 0195 | 15-00065-00-RS | LAKE | 80 | 58 | |
| PLOT SCALE = 1" = .0833' | | CHECKED - KLB | REVISED - | | | SCALE 1" = 20' | | SHEET NO. - OF - SHEETS | | STA. N/A TO STA. N/A | |
| PLOT DATE = 8/2/2017 9:35 AM | | DATE - | REVISED - | | | CONTRACT # | | ILLINOIS FED. AID PROJECT | | 61E14 | |



DETAIL "A"

LATERAL CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER

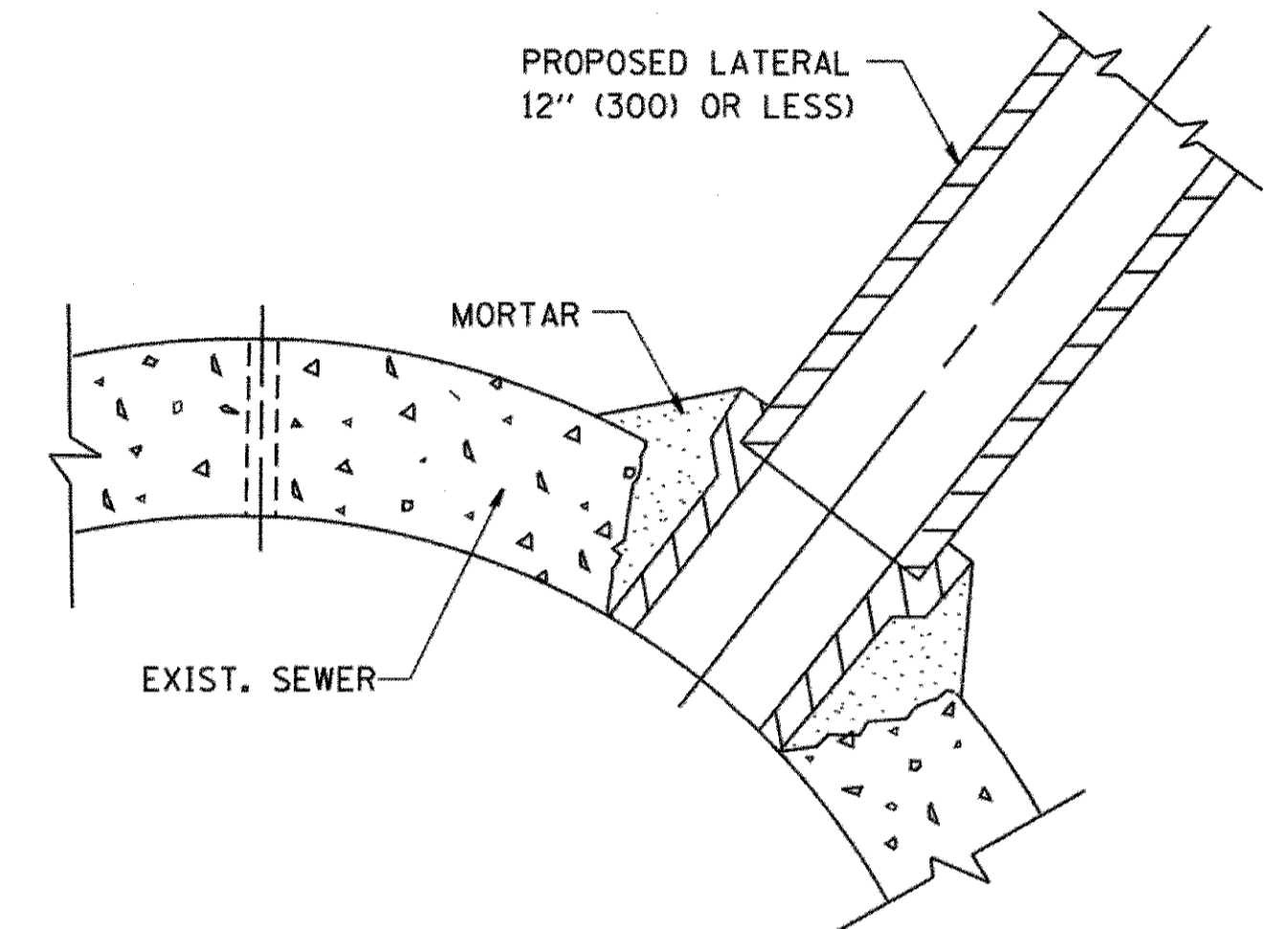


DETAIL "B"

CLASS SI CONCRETE COLLAR

CONSTRUCTION SEQUENCE

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT, BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12" x 6" (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 3" (75) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OZZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.



DETAIL "C"

PROPOSED LATERAL CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER

NOTES

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

- I. THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
- II. CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
 - A) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
 - B) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS, THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.

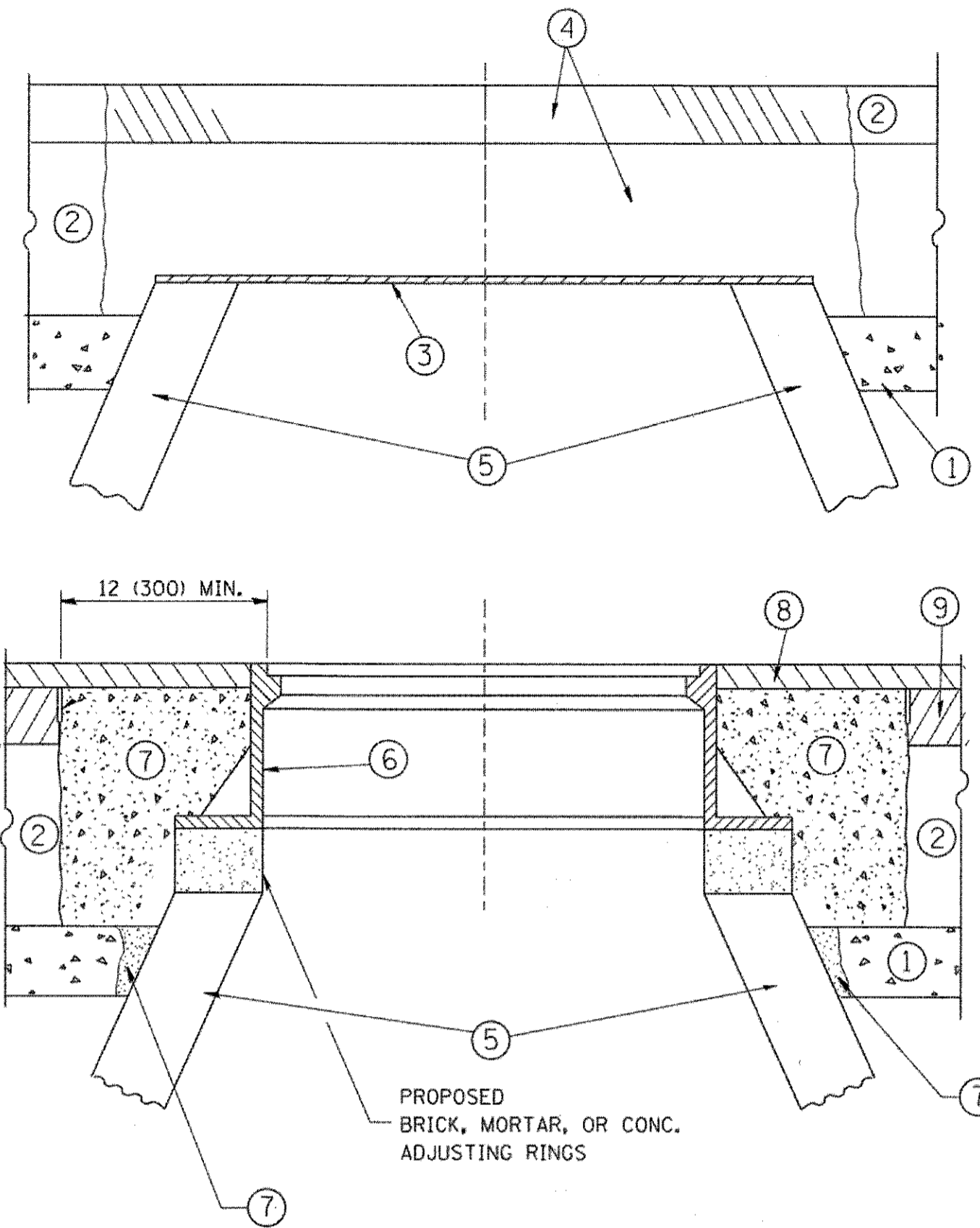
REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

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

| | | | | | | | | | | | | |
|---|--------------------------------|--------------------------|----------------------------------|---|---|-------------------------|--------------|---|---------|--------|-----------------|--------------|
| FILE NAME = W:\dststd\22x34\bd07.dgn | USER NAME = geglianobt | DESIGNED - M. DE YONG | REVISED - M. DE YONG 05-08-92 | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER | | | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | PLOT SCALE = 50.000 ' / IN. | DRAWN - R. SHAH | REVISED - R. SHAH 09-09-94 | | 0195 | 15-00065-00-RS | LAKE | 80 | 59 | | | |
| | PLOT DATE = 1/4/2008 | CHECKED - R. SHAH | REVISED - R. SHAH 10-25-94 | | BD500-01 (BD-7) | | | CONTRACT NO. 61E14 | | | | |
| | | DATE - 07-25-90 | REVISED - R. SHAH 06-12-96 | | SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. TO STA. | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |



CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1/2 (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

STAGE 2 (AFTER PAVEMENT MILLING)

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-1* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

*UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

LEGEND

- ① SUB-BASE GRANULAR MATERIAL
- ② EXISTING PAVEMENT
- ③ 36 (900) DIAMETER METAL PLATE
- ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX
- ⑤ EXISTING STRUCTURE
- ⑥ FRAME AND LID (SEE NOTES)
- ⑦ CLASS PP-1* CONCRETE
- ⑧ PROPOSED HMA SURFACE COURSE
- ⑨ PROPOSED HMA BINDER COURSE

LOCATION OF STRUCTURES:

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT:

REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."

THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

NOTES:

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

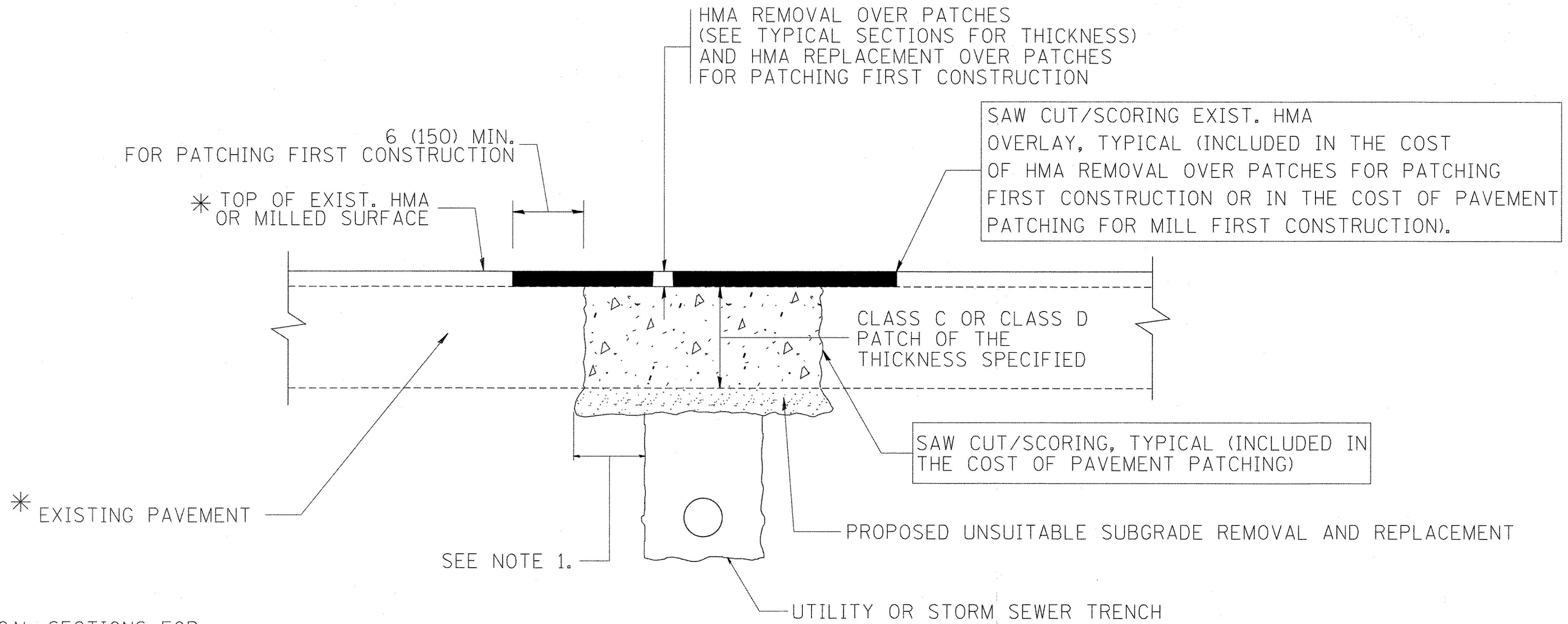
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| ct:\pw_work\pwt\dot\bauerdl\0108315\bd08.dgn | | DRAWN - | REVISED - R. BORO 01-01-07 |
| | PLOT SCALE = 1/8" = 1'-0" | CHECKED - | REVISED - R. BORO 03-09-11 |
| | PLOT DATE = 12/6/2011 | DATE - 10-25-94 | REVISED - R. BORO 12-06-11 |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAILS FOR
FRAMES AND LIDS ADJUSTMENT WITH MILLING**

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

| | | | | |
|---|----------------|--------------------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 0195 | 15-00065-00-RS | LAKE | 80 | 60 |
| BD600-03 (BD-8) | | CONTRACT NO. 61E14 | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

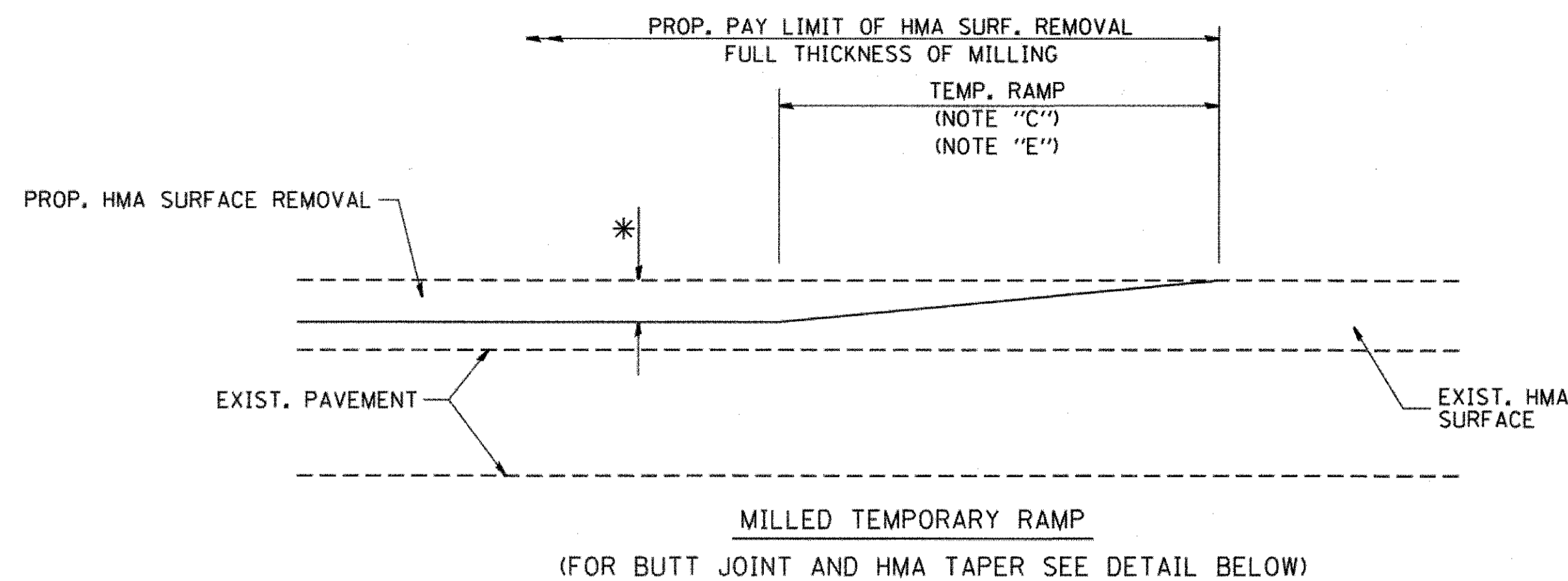
1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

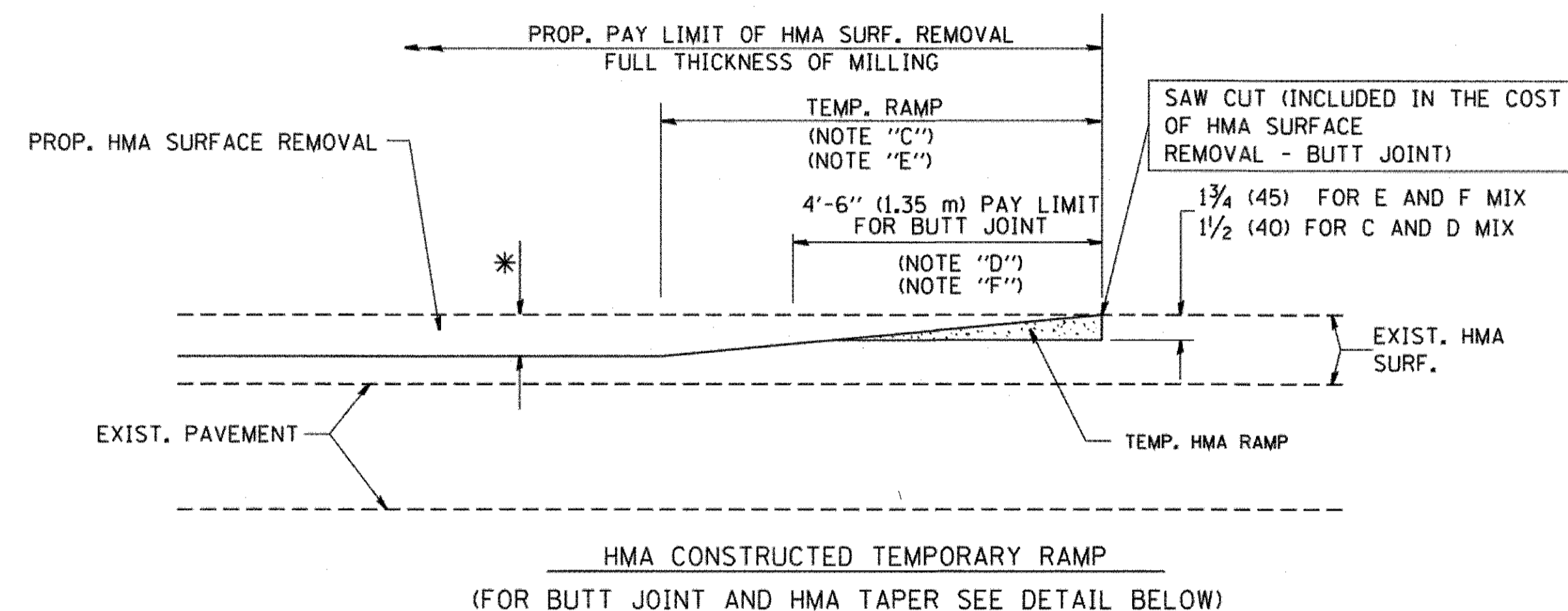
1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

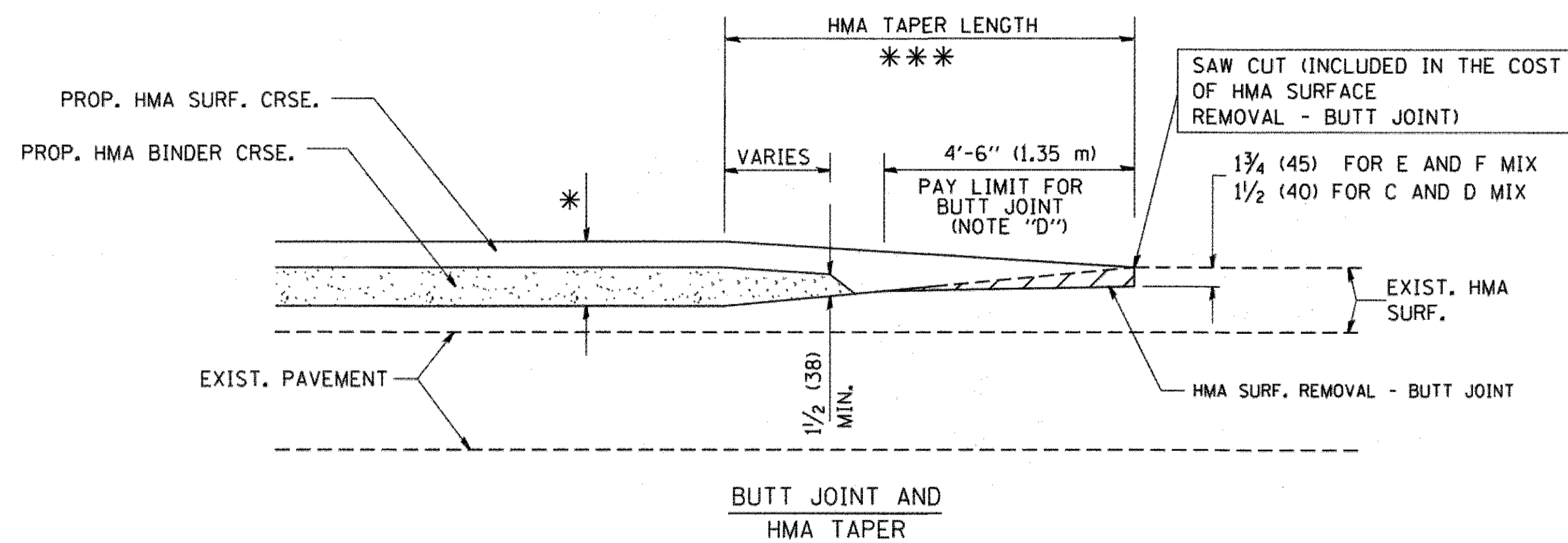
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|--|----------------------------|--------------------|-----------------------------|---|--|-------------------------|------|-------------------|---------------------------|----------------|--------------------|-----------------|
| FILE NAME = c:\projects\diststd22x34\bd22.dgn | USER NAME = bauerd1 | DESIGNED - R. SHAH | REVISED - A. ABBAS 04-27-98 | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT | | | F.A. RTE. 0195 | SECTION 15-00065-00-RS | COUNTY LAKE | TOTAL SHEETS 80 | SHEET NO. 61 |
| | PLOT SCALE = 50,000' / IN. | CHECKED - | REVISED - R. BORO 01-01-07 | | SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA. | BD400-04 (BD-22) | | CONTRACT NO. 61E14 | |
| | PLOT DATE = 10/27/2008 | DATE - 10-25-94 | REVISED - R. BORO 09-04-07 | | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | | | | |
| | | | REVISED - K. ENG 10-27-08 | | | | | | | | | |



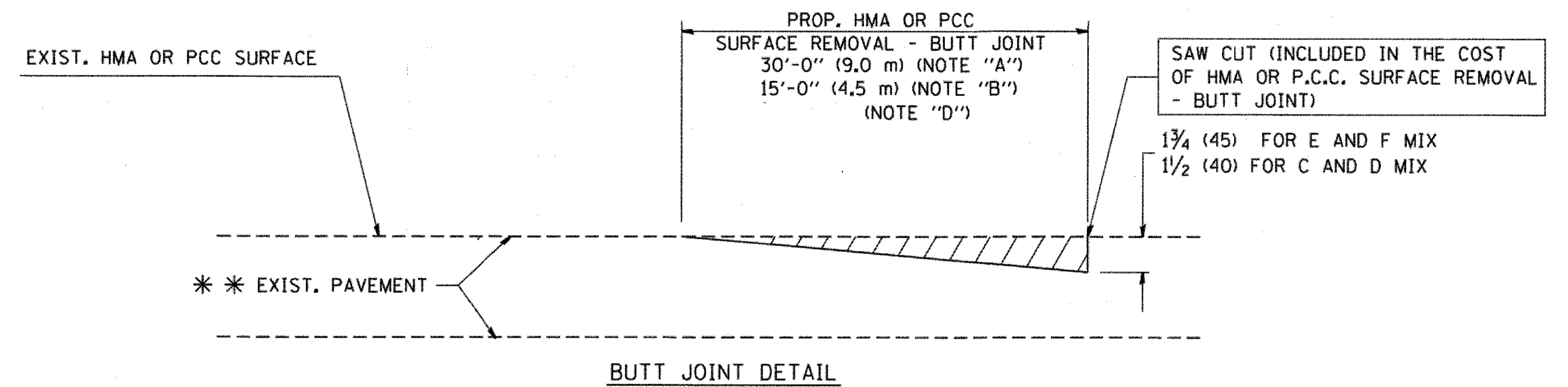
OPTION 1



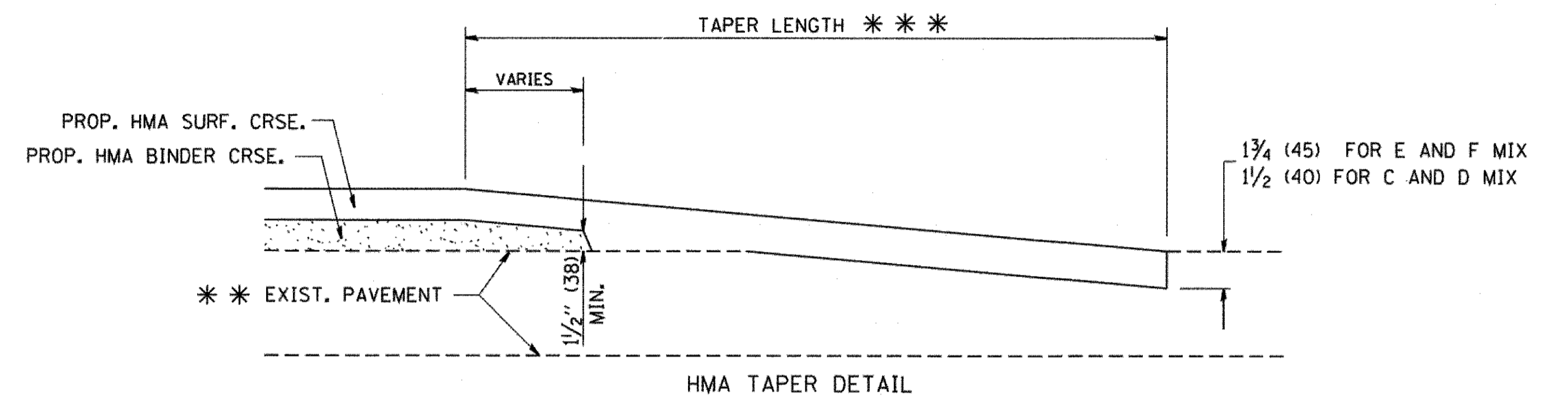
OPTION 2
TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER
FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER
FOR RESURFACING ONLY

*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
 - B: MINOR SIDE ROADS.
 - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
 - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
 - E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
 - F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
 - G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- *** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

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

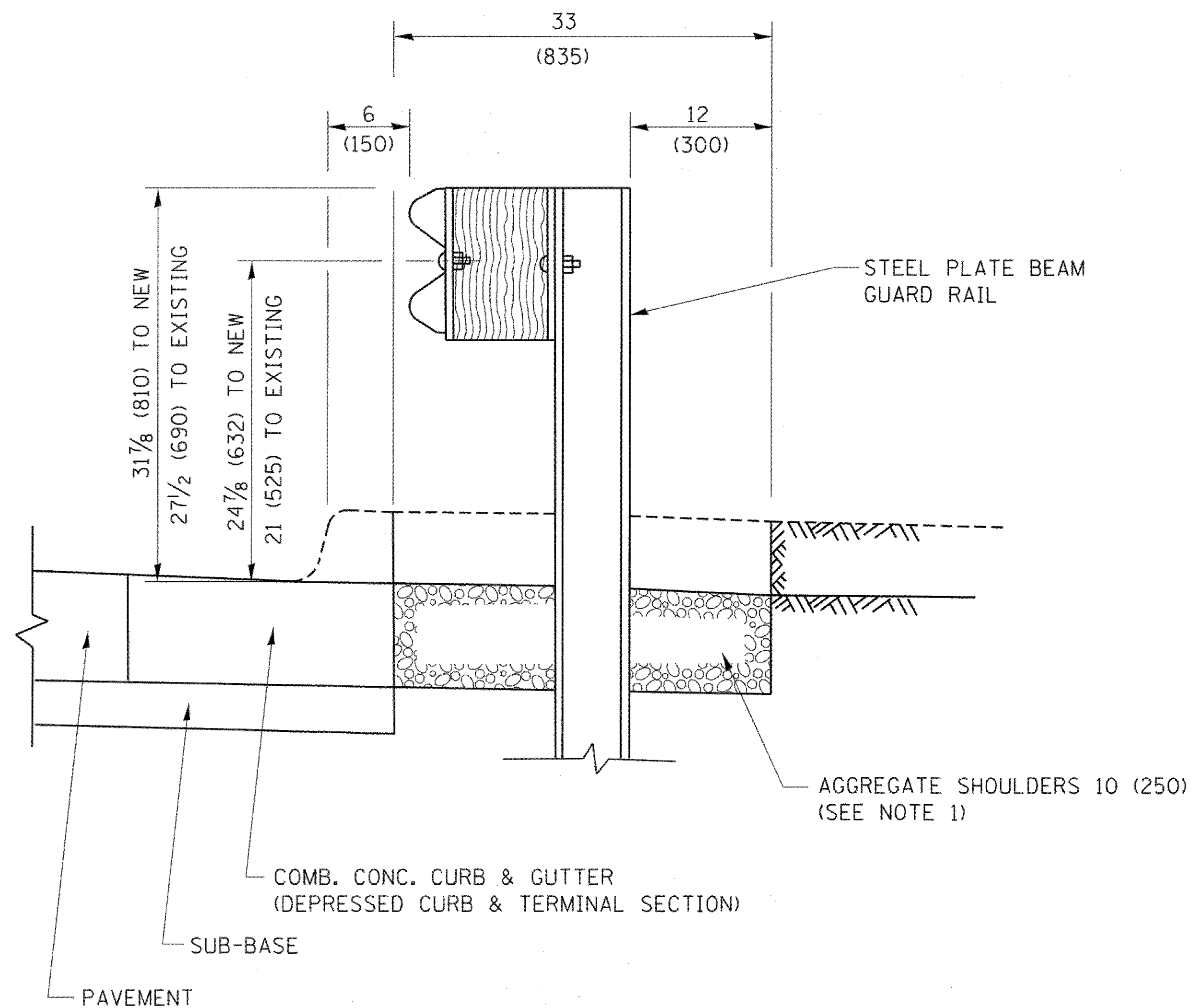
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| FILE NAME = W:\diststd\22x34\bd32.dgn | USER NAME = goglianobt | DESIGNED - M. DE YONG | REVISED - R. SHAH 10-25-94 |
| | | DRAWN - | REVISED - A. ABBAS 03-21-97 |
| | PLOT SCALE = 50,000' / IN. | CHECKED - | REVISED - M. GOMEZ 04-06-01 |
| | PLOT DATE = 1/4/2008 | DATE - 06-13-90 | REVISED - R. BORO 01-01-07 |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND
HMA TAPER DETAILS

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

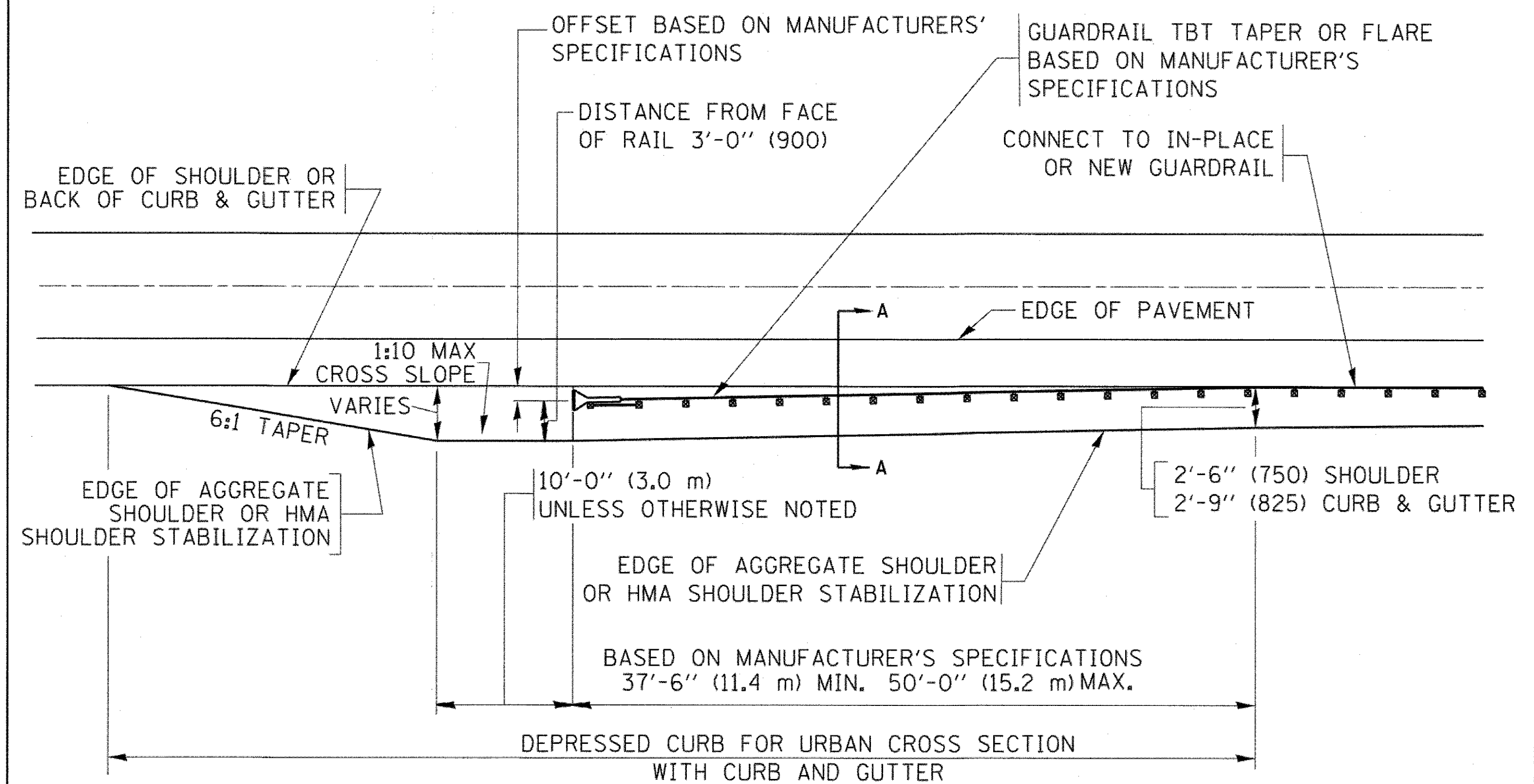
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| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 0195 | 15-00065-00-RS | LAKE | 80 | 62 |
| BD400-05 BD32 | | CONTRACT NO. 61E14 | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |



SECTION A-A

- NOTES:
1. THE AGGREGATE SHOULDER, 10 (250) OR HMA SHOULDER, 6 (150) (IF REQUIRED) SHALL EXTEND UNDER THE TRAFFIC BARRIER TERMINAL.
 2. "EXISTING" GUARDRAIL REFERS TO CONNECTING TERMINAL SECTION TO GUARD RAILING PRIOR TO THE MIDWEST GUARDRAIL SYSTEM.
 3. THE CONTRACTOR SHALL VERIFY THE TYPE/HEIGHT OF GUARDRAIL IN-PLACE BEFORE ORDERING THE NEW TERMINAL SECTION. COST INCLUDED WITH THE COST OF THE TERMINAL. THE TERMINAL SECTION HEIGHT TO BE PLACED MUST MATCH THE HEIGHT OF THE IN-PLACE GUARDRAIL.

**DETAILS FOR STEEL PLATE BEAM
GUARD RAIL ADJACENT TO CURB AND GUTTER**
[FOR ROADWAY SPEED 35 MPH (60 kmh) TO 45 MPH (70 kmh)]



**DEPRESSED CURB AND GUTTER AND
SHOULDER TREATMENT AT TBT TY. 1 SPL.**

AGGREGATE SHOULDER, 10 (250) WILL BE PAID ACCORDING TO SECTION 481.

HMA SHOULDERS 6 (150) (IF REQUIRED) WILL BE PAID ACCORDING TO SECTION 482.

COMB. CONC. C&G, STEEL PLATE BEAM GUARD RAIL AND TRAFFIC BARRIER TERMINAL, OF THE TYPE SPECIFIED WILL BE PAID FOR SEPARATELY.

TBT = TRAFFIC BARRIER TERMINAL
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE SHOWN.

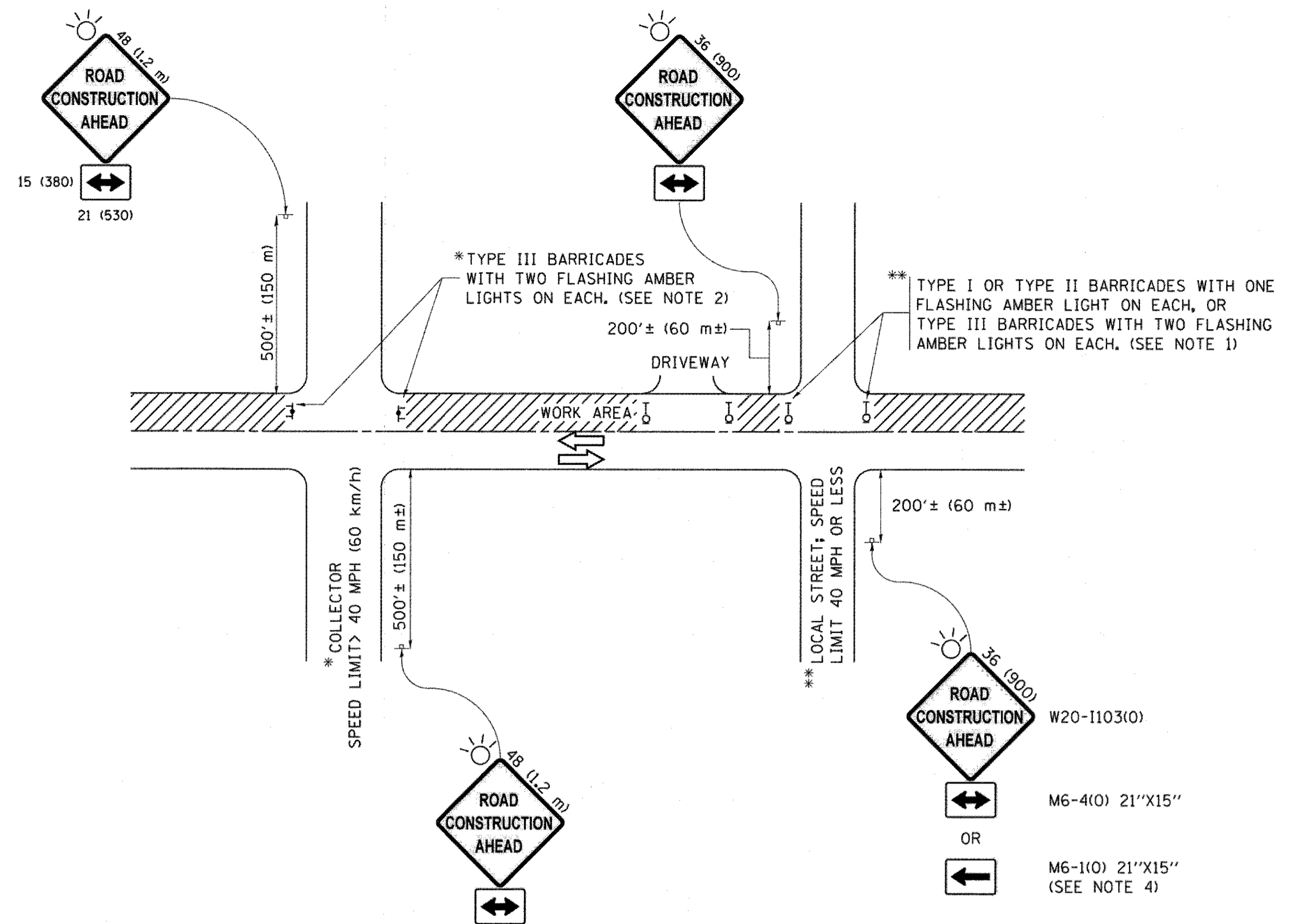
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| FILE NAME = | USER NAME = driveksgn | DESIGNED - M. DE YONG | REVISED - R. BORO 12-08-2008 |
| pat\11084EBIDINTEG\Illinois.gov\PI\DOT\Documents\DOT Offices\District 1\Projects\Dist | DRAWN\CADData\CADsheets\bd34.dgn | CHECKED - | REVISED - R. BORO 09-14-2009 |
| Default | PLOT SCALE = 50.0000' / in. | DATE - 09-22-90 | REVISED - R. BORO 08-06-2012 |
| | PLOT DATE = 12/21/2015 | | REVISED - R. BORO 05-08-2015 |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAILS FOR DEPRESSED CURB & GUTTER AND
SHOULDER TREATMENT AT TBT TY. 1 SPL.**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

| | | | | |
|---------------------------|----------------|--------------------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 0195 | 15-00065-00-RS | LAKE | 80 | 63 |
| BD600-10 (BD 34) | | CONTRACT NO. 61E14 | | |
| ILLINOIS FED. AID PROJECT | | | | |



NOTES:

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 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. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. 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).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

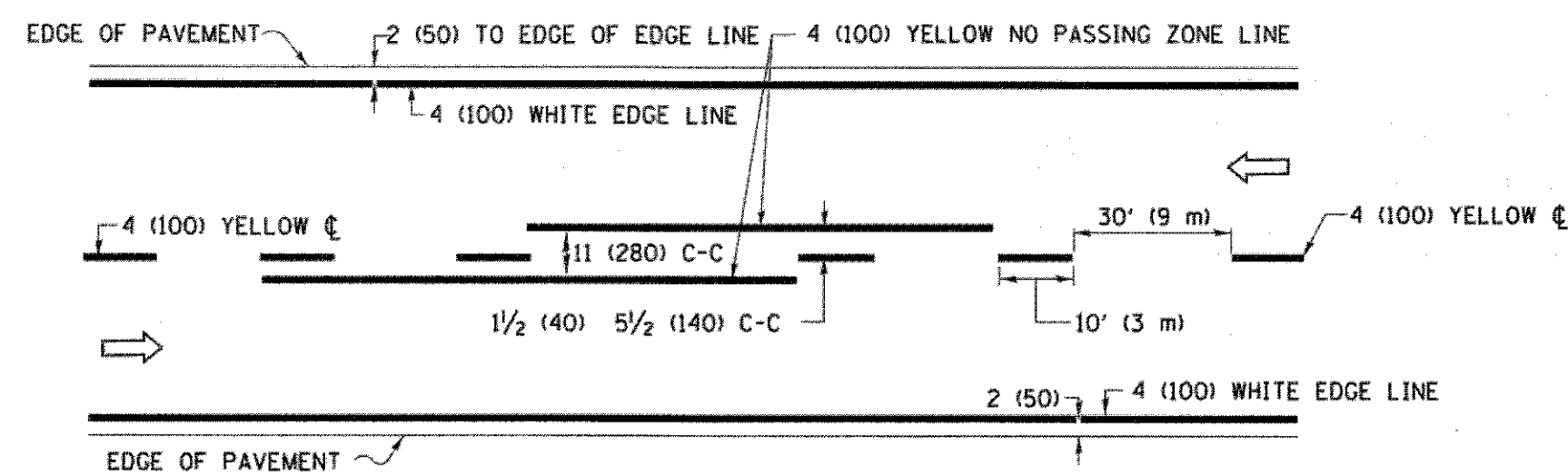
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| Default | PLLOT SCALE = 50,000 // in. | CHECKED - | REVISED - A. SCHUETZE 07-01-13 |
| | PLLOT DATE = 9/15/2016 | DATE - 06-89 | REVISED - A. SCHUETZE 09-15-16 |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

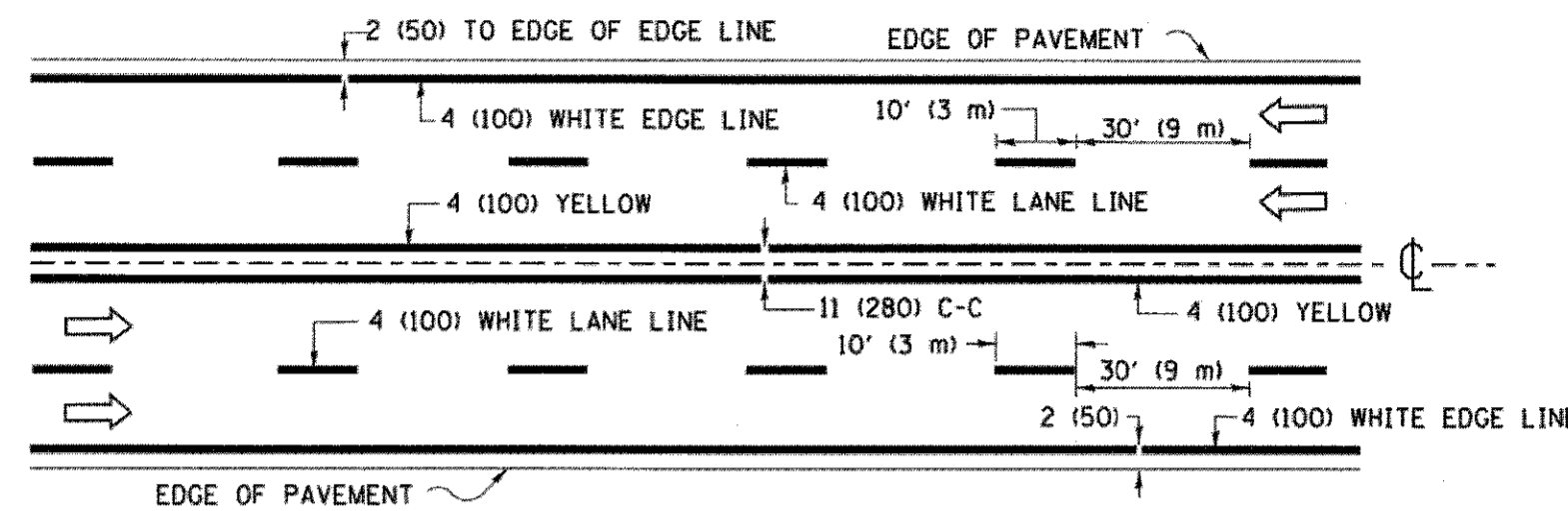
**TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

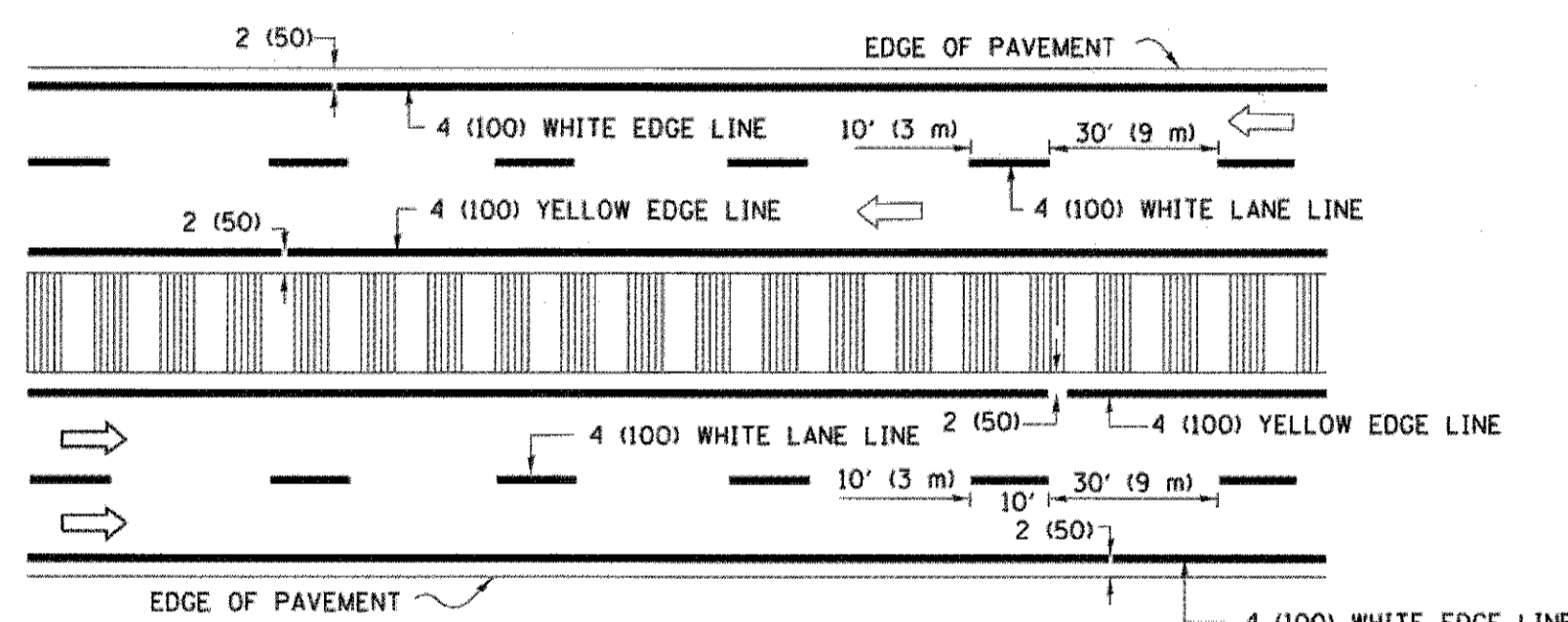
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------------|-----------|
| 0195 | 15-00065-00-RS | LAKE | 80 | 64 |
| TC-10 | | | CONTRACT NO. 61E14 | |
| ILLINOIS FED. AID PROJECT | | | | |



2-LANE ROADWAY

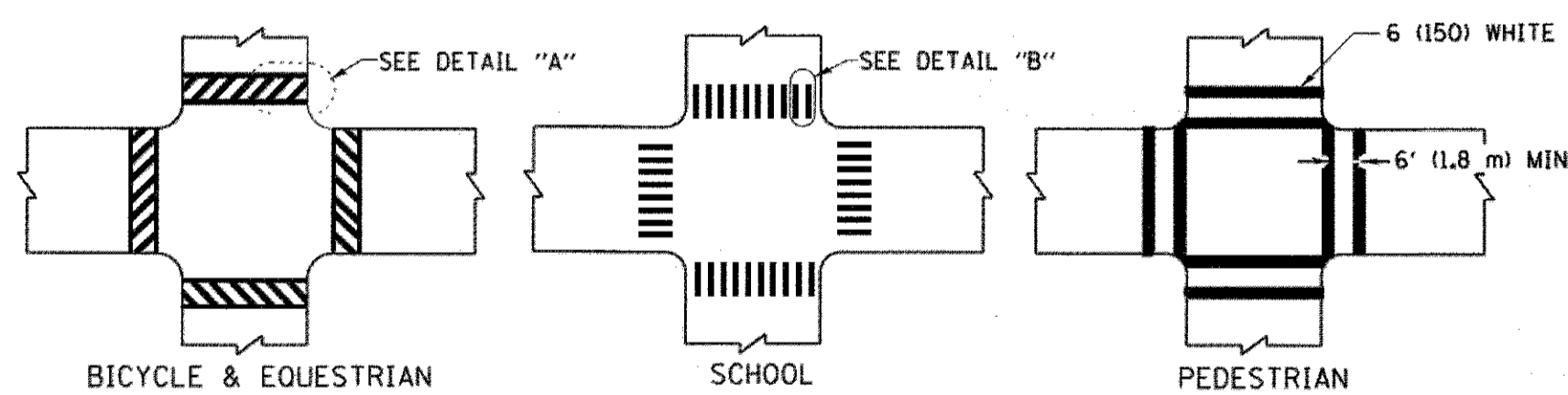


MULTI-LANE UNDIVIDED



MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

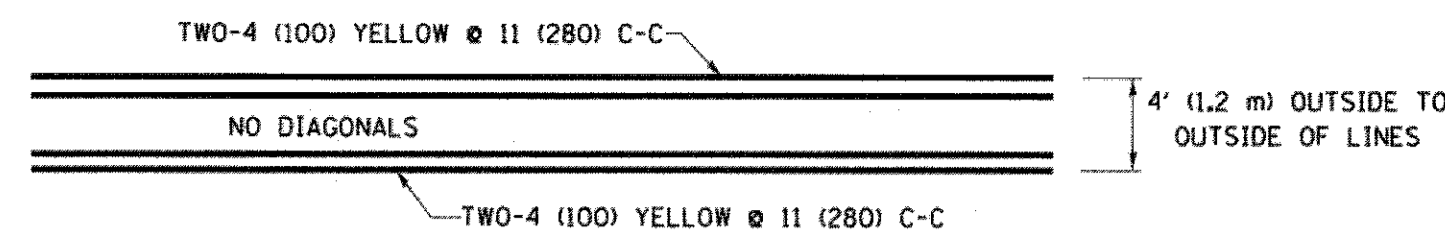


DETAIL "A"

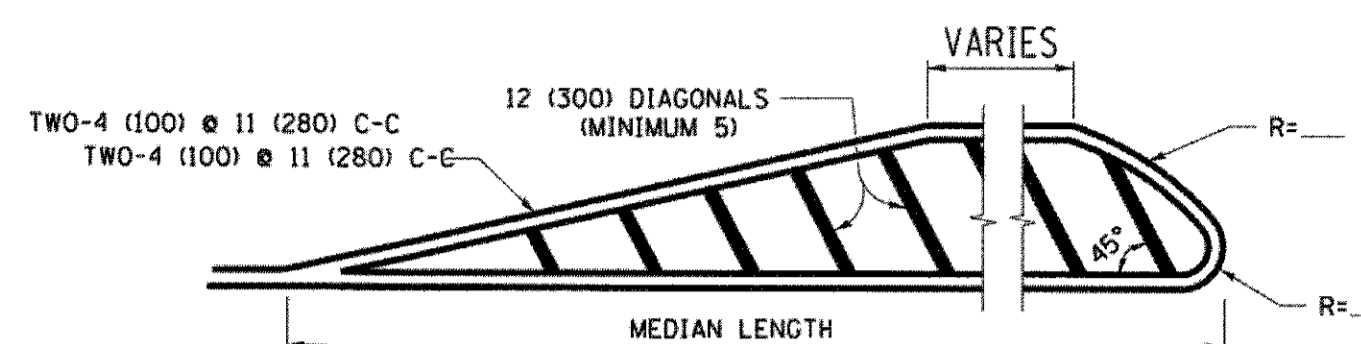
DETAIL "B"

TYPICAL CROSSWALK MARKING

* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



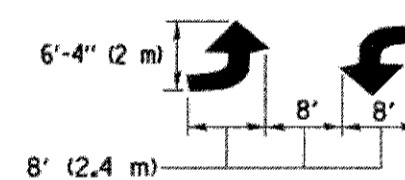
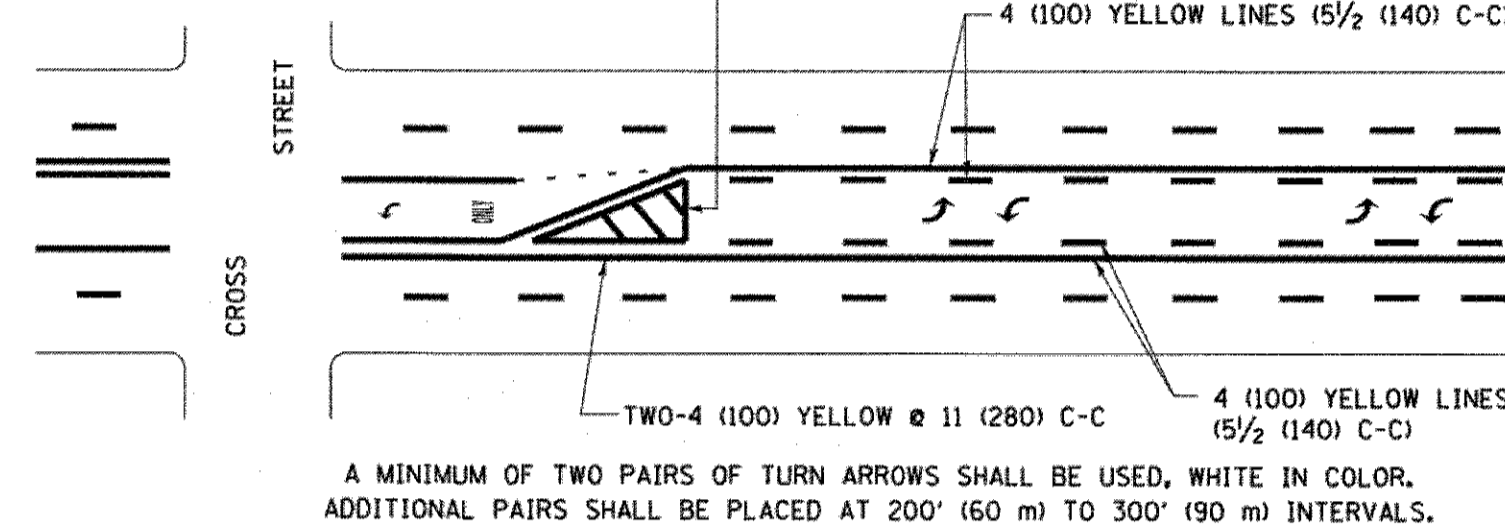
4' (1.2 m) WIDE MEDIANS ONLY



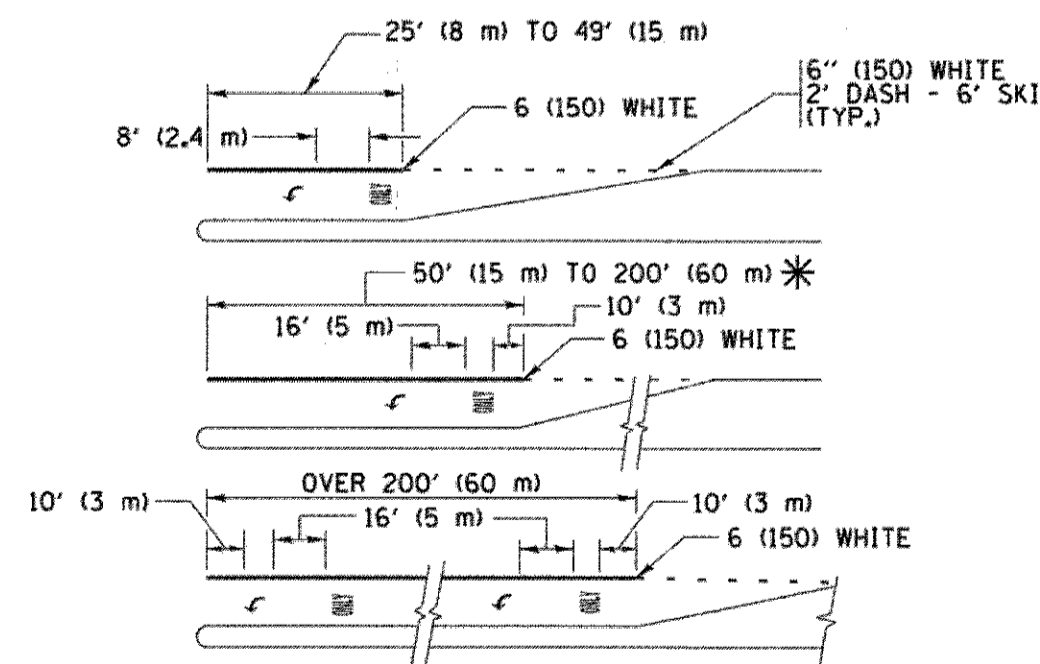
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

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



MEDIAN WITH TWO-WAY LEFT TURN LANE
TYPICAL PAINTED MEDIAN MARKING

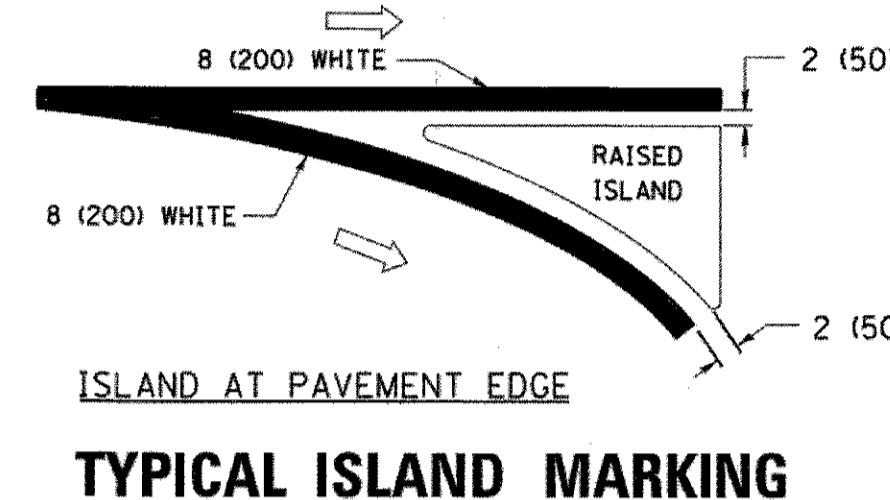
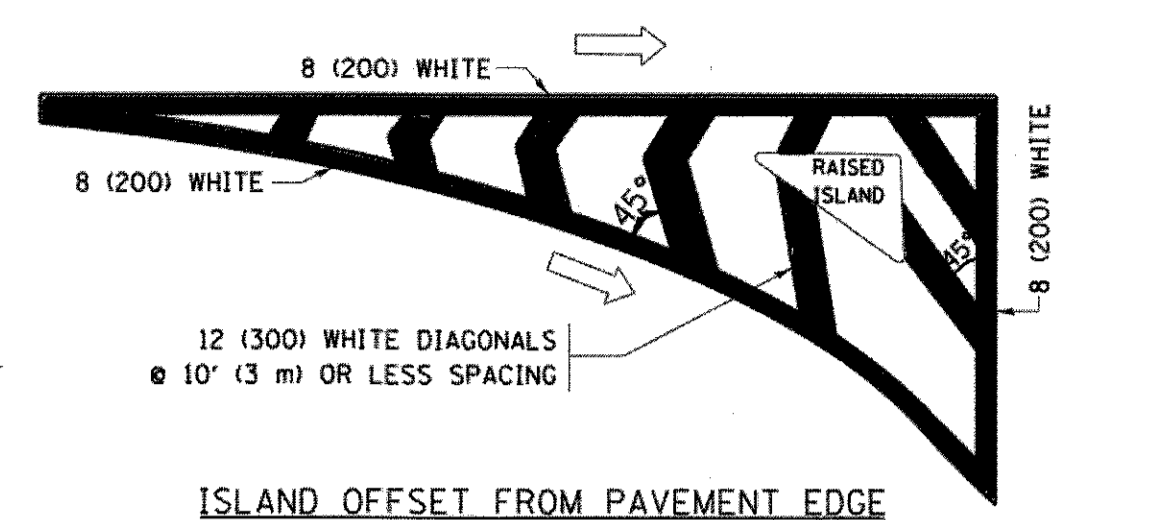


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

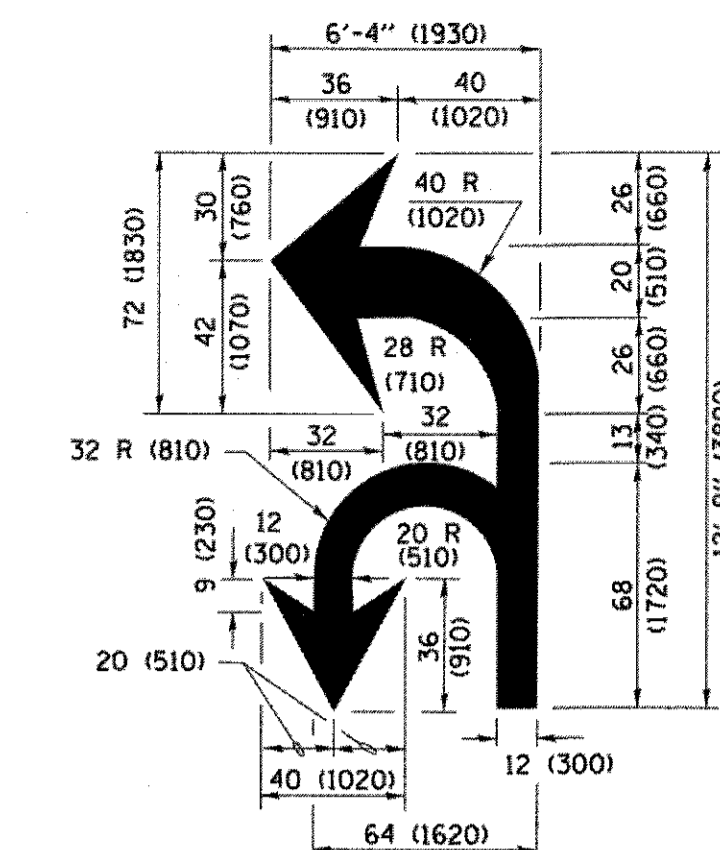
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

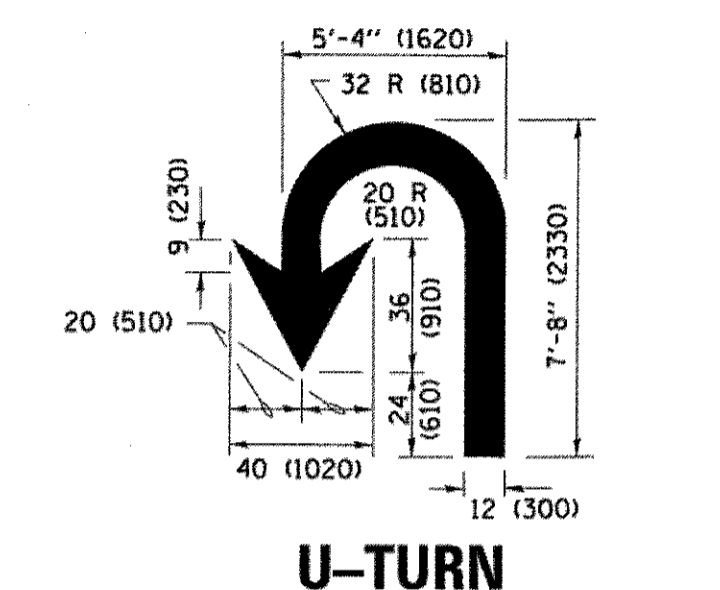
TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

| D(FT) | SPEED LIMIT |
|-------|-------------|
| 345 | 30 |
| 425 | 35 |
| 500 | 40 |
| 580 | 45 |
| 665 | 50 |
| 750 | 55 |

| 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 MEDIANS IN YELLOW |
| TURN LANE MARKINGS | 6 (150) LINE; 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 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" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X" | SOLID | WHITE | SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²) |
| SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8') | 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)) |
| U TURN ARROW | SEE DETAIL | SOLID | WHITE | 16.3 SF |
| 2 ARROW COMBINATION LEFT AND U TURN | SEE DETAIL | SOLID | WHITE | 30.4 SF |

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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| | | DRAWN - | REVISED - C. JUCIUS 07-01-13 |
| | PLOT SCALE = 50.000' / in. | CHECKED - | REVISED - C. JUCIUS 12-21-15 |
| Default | PLOT DATE = 6/23/2017 | DATE - 03-19-90 | REVISED - C. JUCIUS 04-12-16 |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
TYPICAL PAVEMENT MARKINGS**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

| | | | | |
|-----------|----------------|---------------------------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 0195 | 15-00065-00-RS | LAKE | 80 | 65 |
| | TC-13 | CONTRACT NO. 61E14 | | |
| | | ILLINOIS FED. AID PROJECT | | |

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

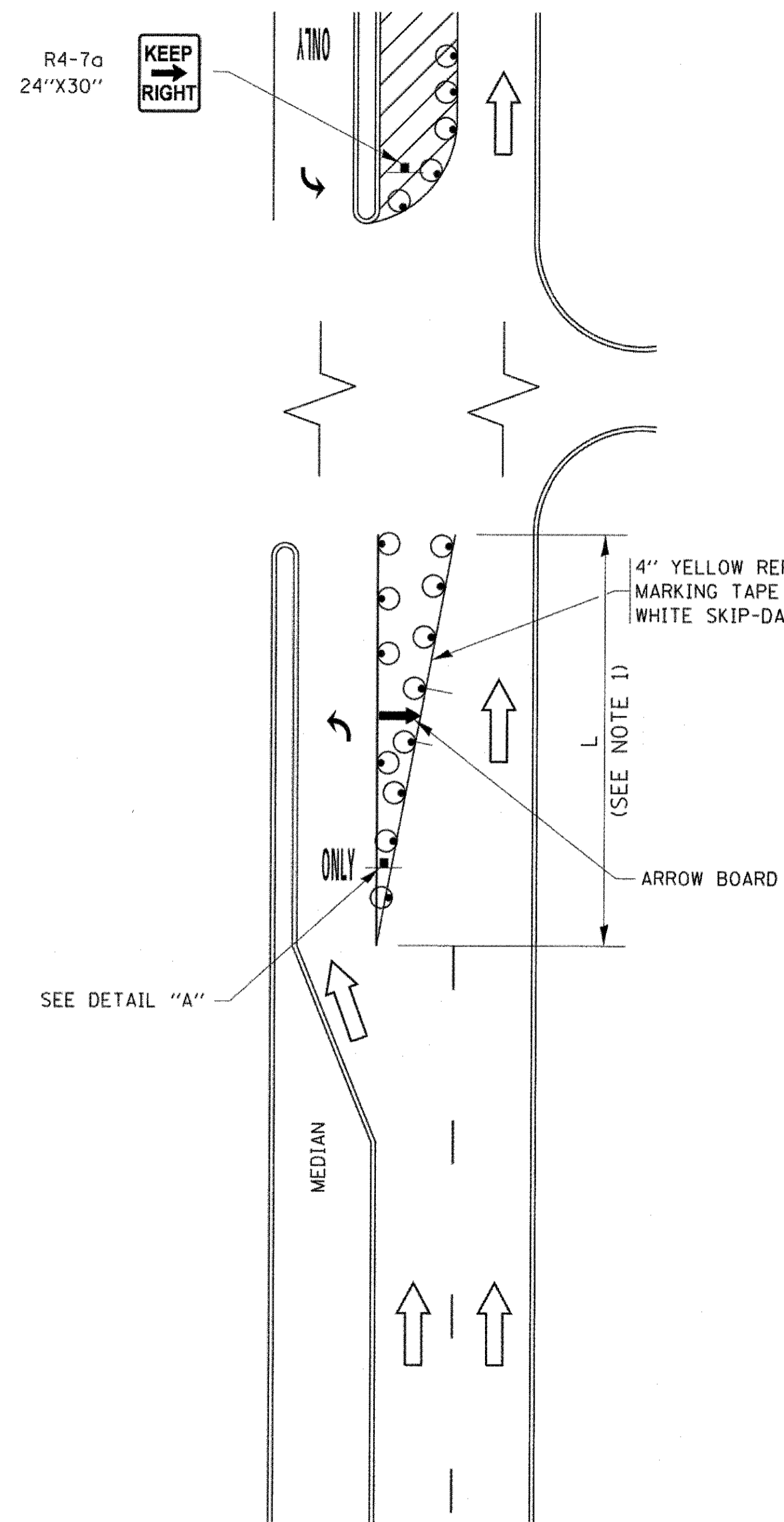


FIGURE 1

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

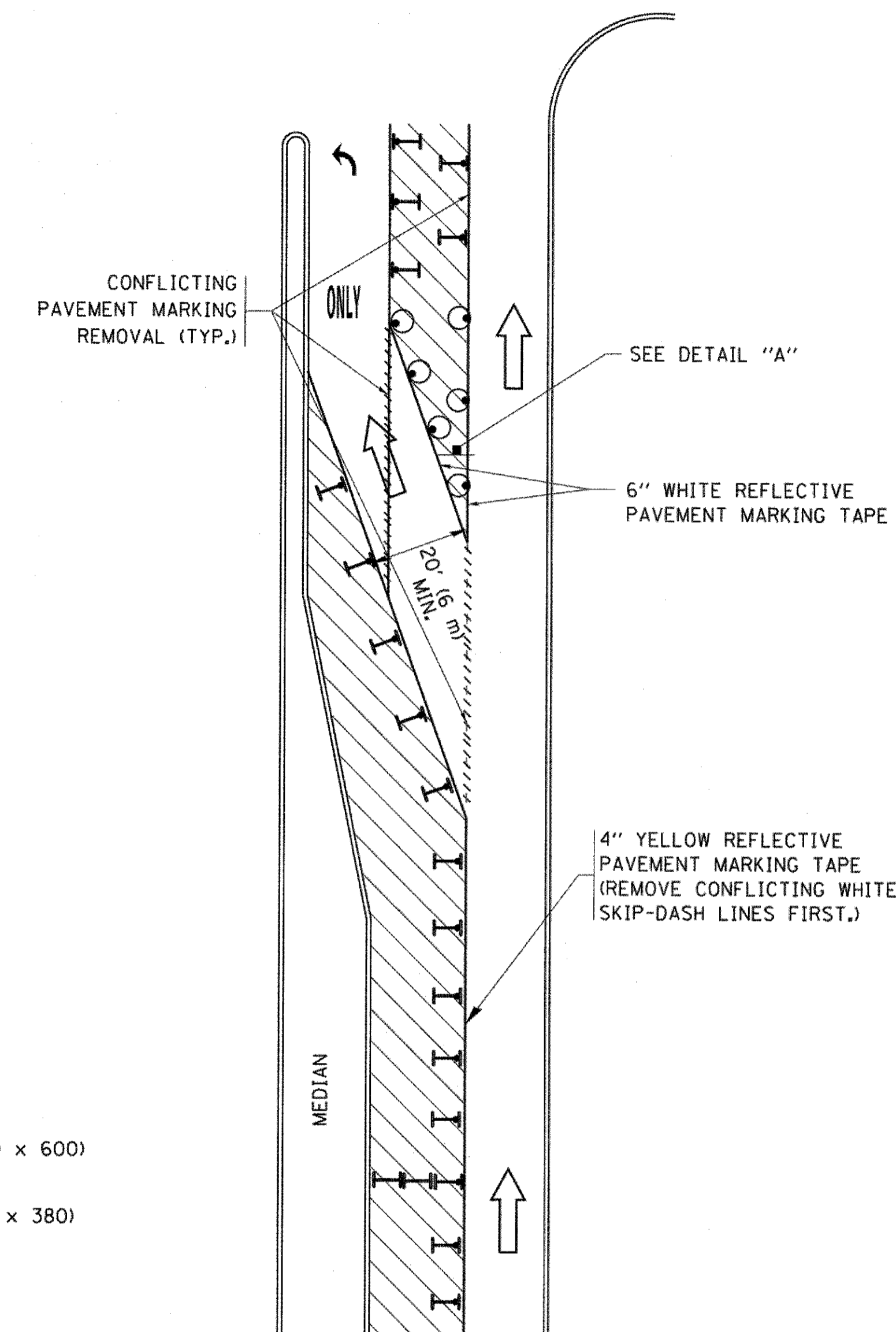


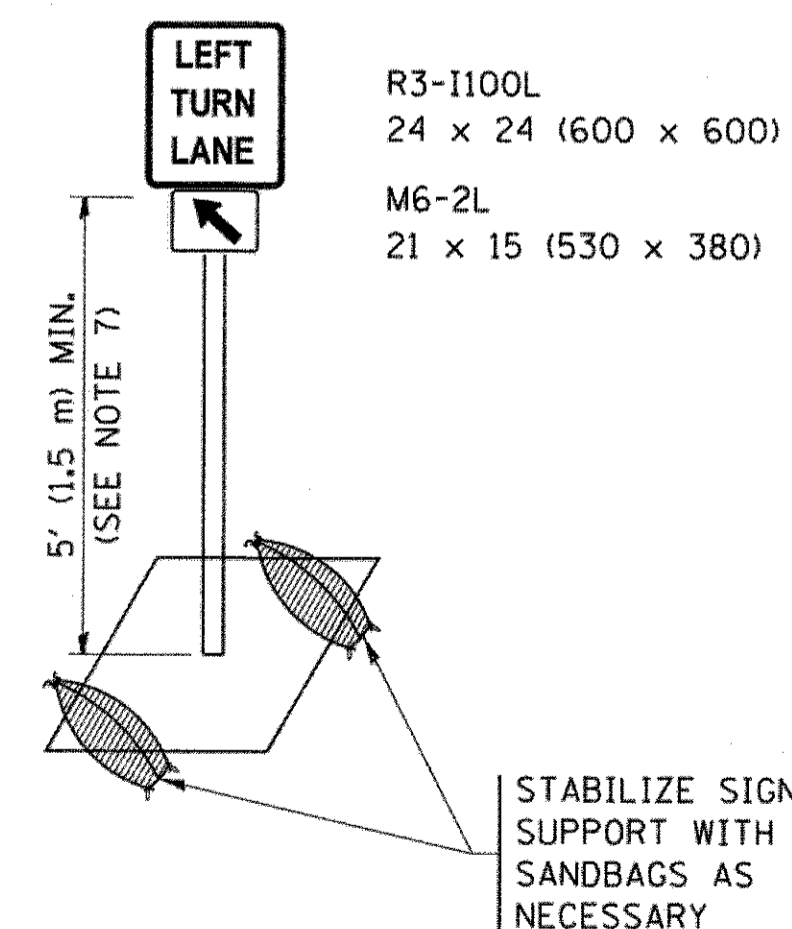
FIGURE 2

LEGEND

- WORK AREA
- LANE OPEN TO TRAFFIC
- ARROW BOARD
- TYPE I OR II BARRICADE OR DRUM WITH STEADY BURN LIGHT
- DRUM WITH STEADY BURN LIGHT
- SIGN ASSEMBLY
- TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

NOTES:

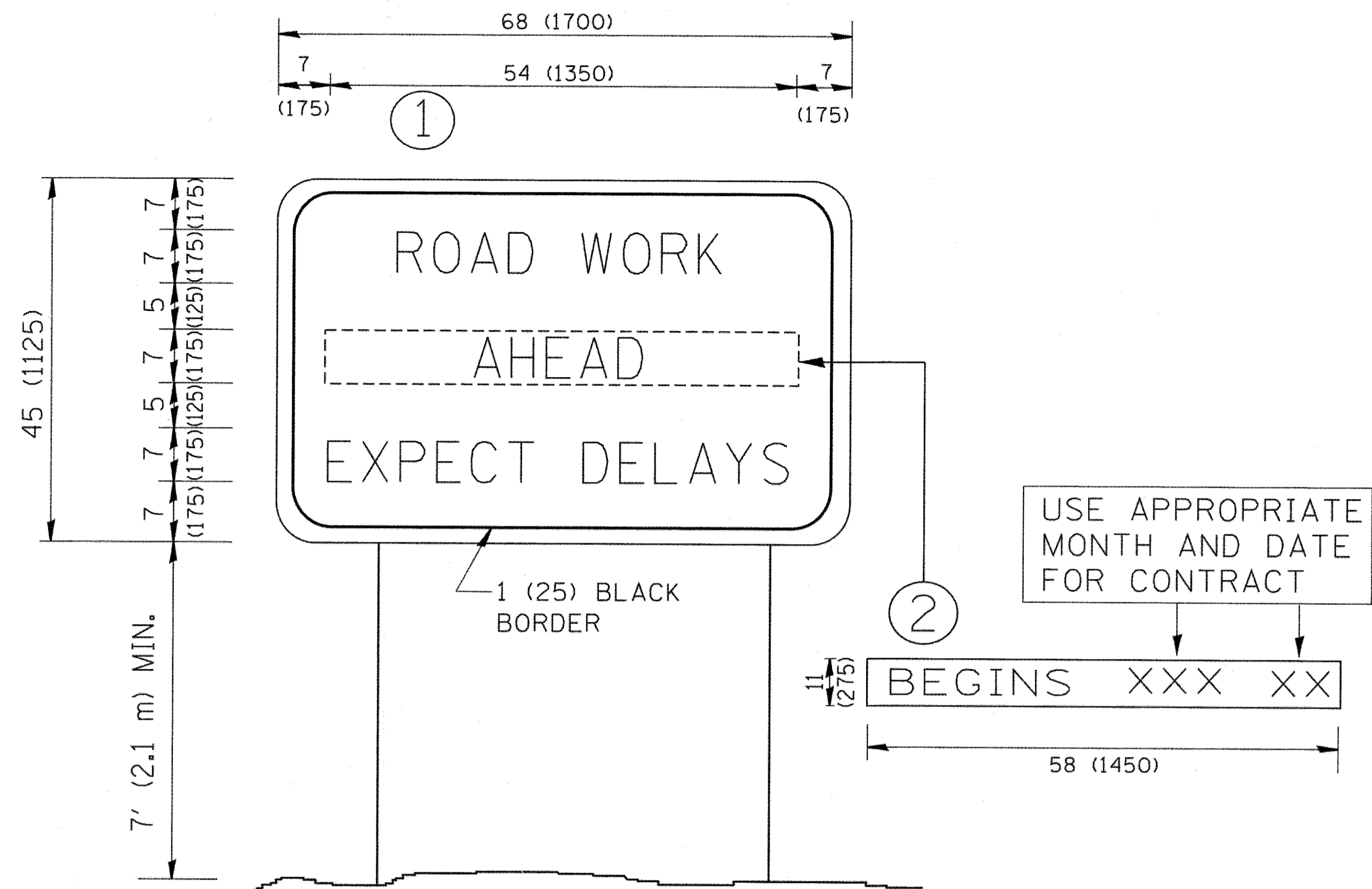
1. A) WHEN "L" IS \leq THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
B) WHEN "L" IS $>$ THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-I100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH REQUIREMENTS.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.



DETAIL A

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

| | | | | | | | | | | | |
|-------------|---------------------|---------------------------------|--------------------------------|---|--|--------------|----------------|---------------------------|--------------|----------------------------------|---------|
| FILE NAME = | USER NAME = footamj | REVISED - T. RAMMACHER 09-08-94 | REVISED - R. BORO 09-14-09 | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| Default | Default | REVISED - A. HOUSEH 10-07-95 | REVISED - A. SCHUETZE 07-01-13 | | | 0195 | 15-00065-00-RS | LAKE | 80 | 66 | |
| | | REVISED - A. HOUSEH 10-12-96 | REVISED - A. SCHUETZE 09-15-16 | | | TC-14 | | CONTRACT NO. 61E14 | | ILLINOIS FED. AID PROJECT | |
| | | REVISED - T. RAMMACHER 01-06-00 | REVISED - | | | SCALE: NONE | SHEET 1 | OF 1 | SHEETS | STA. | TO STA. |



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.

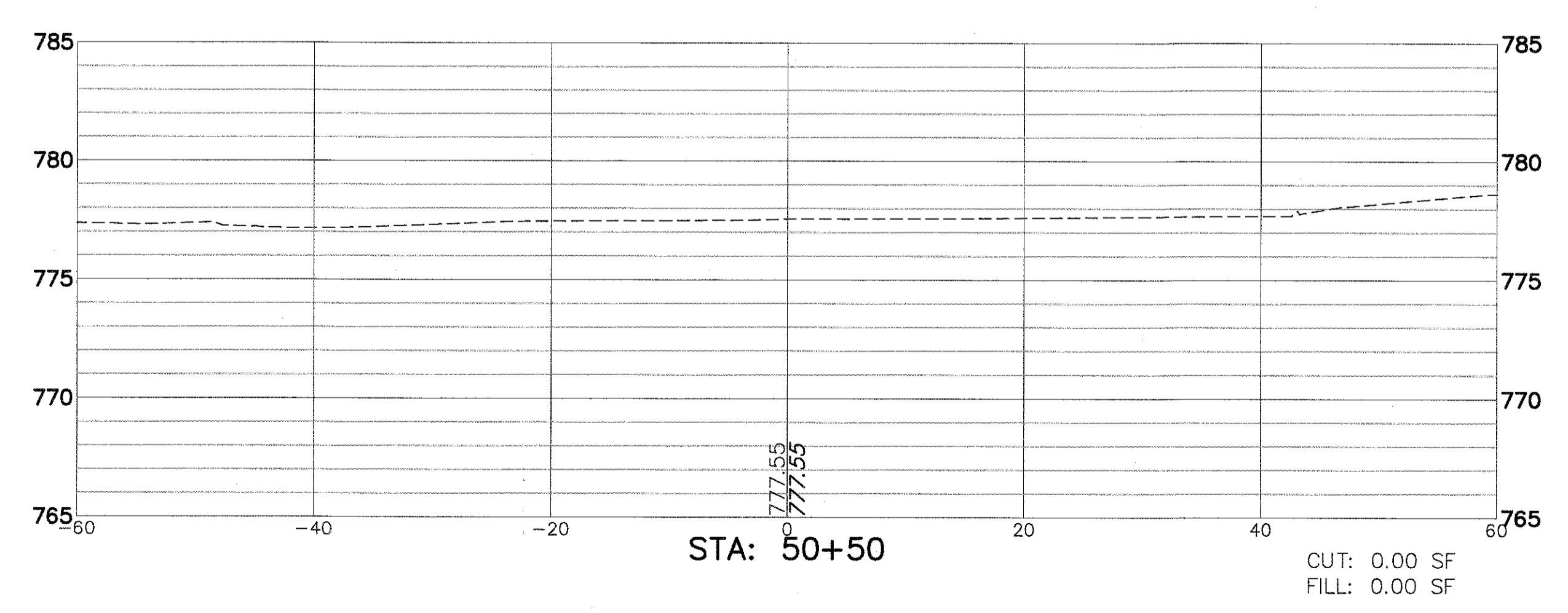
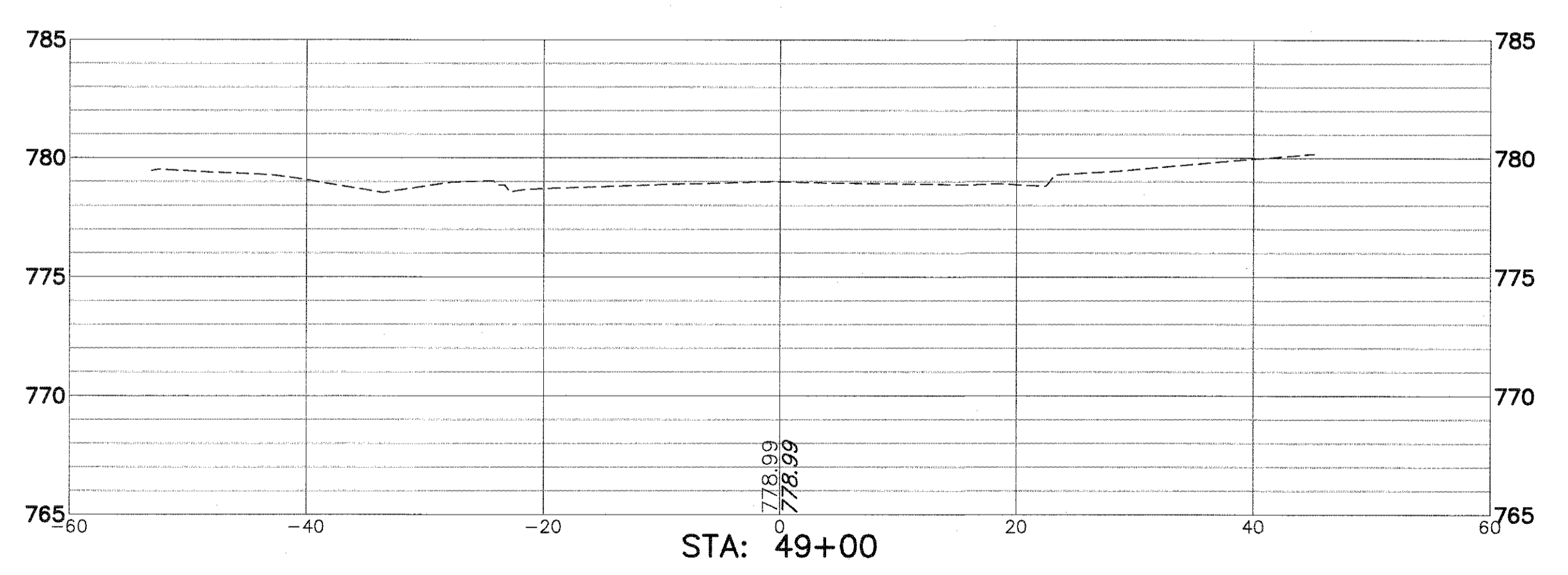
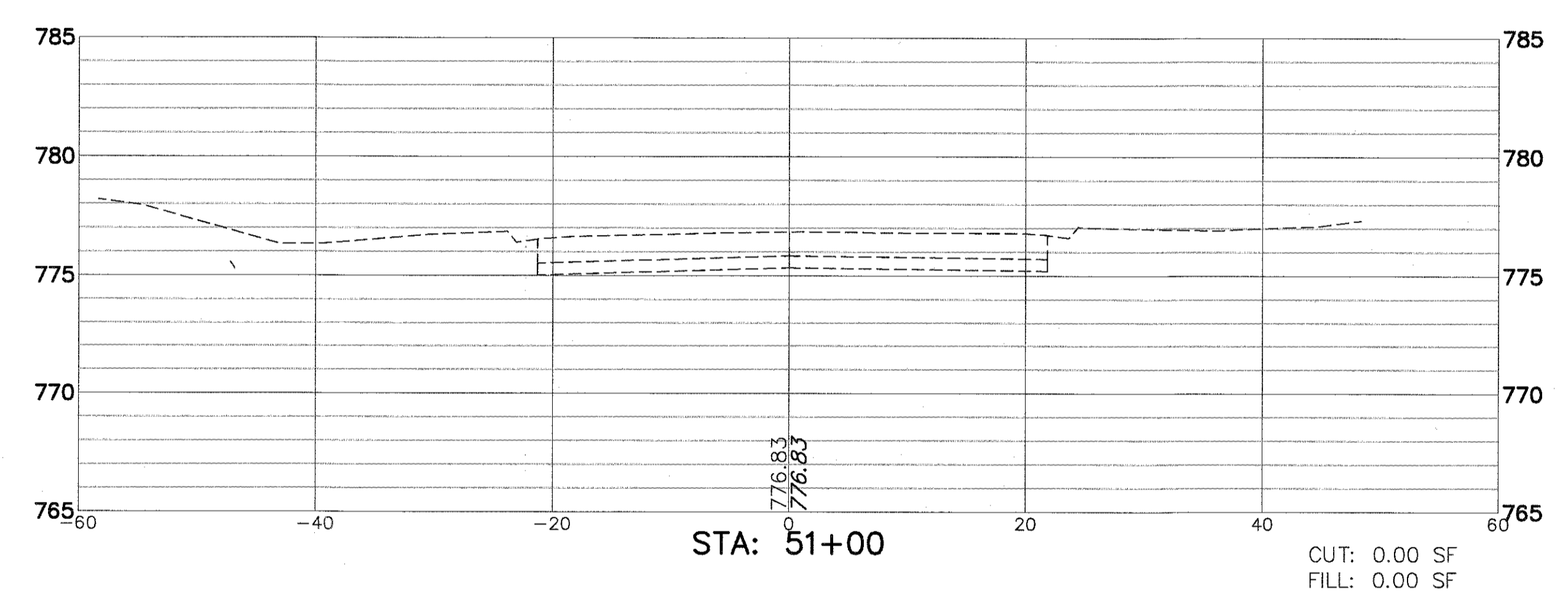
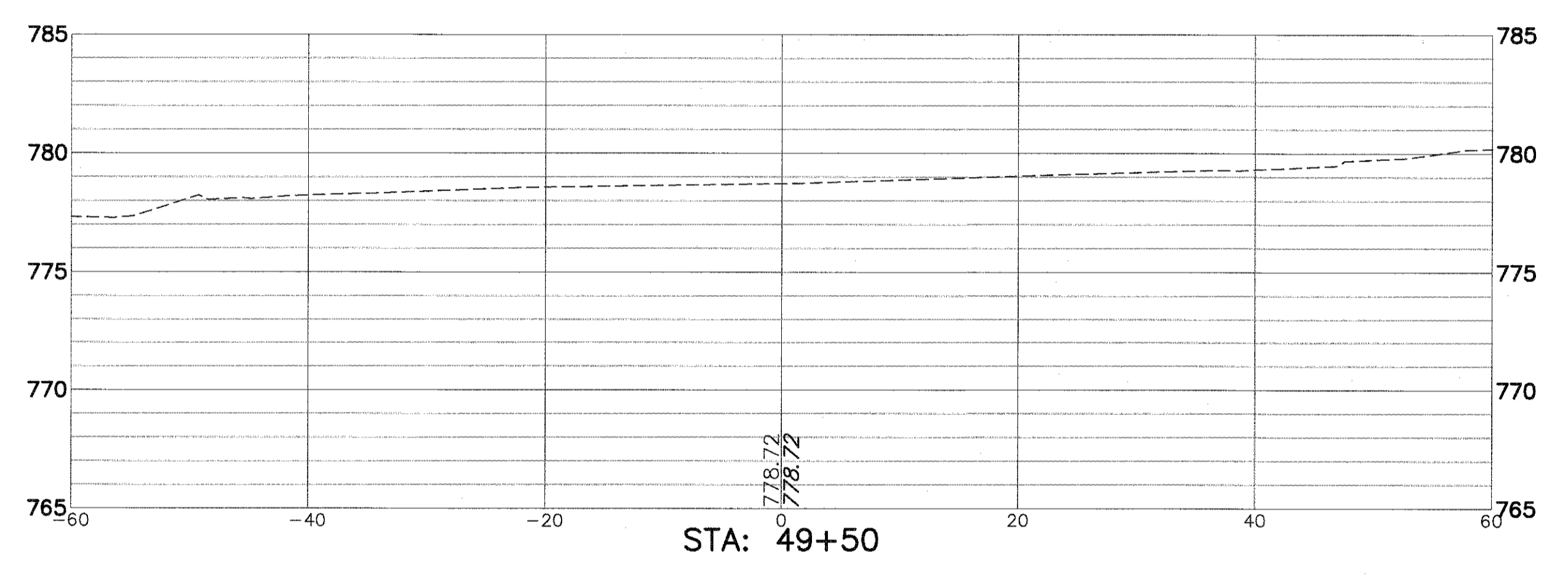
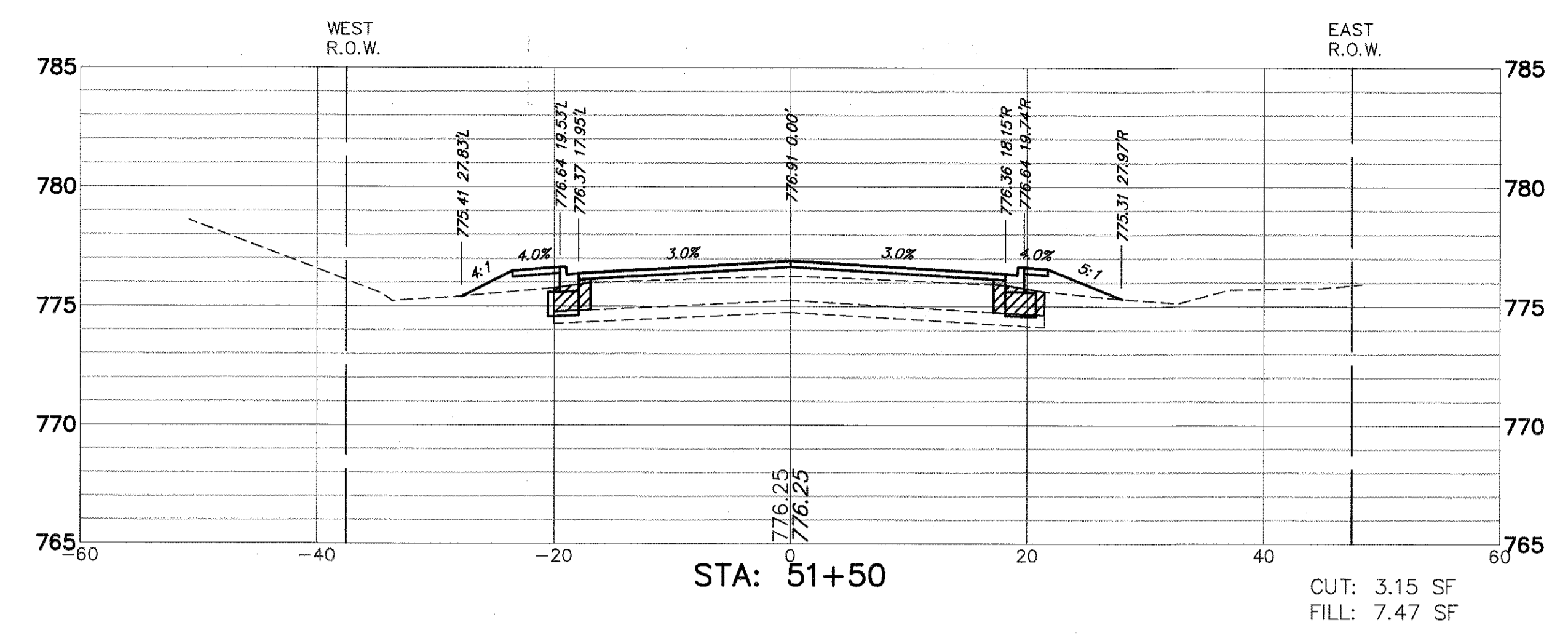
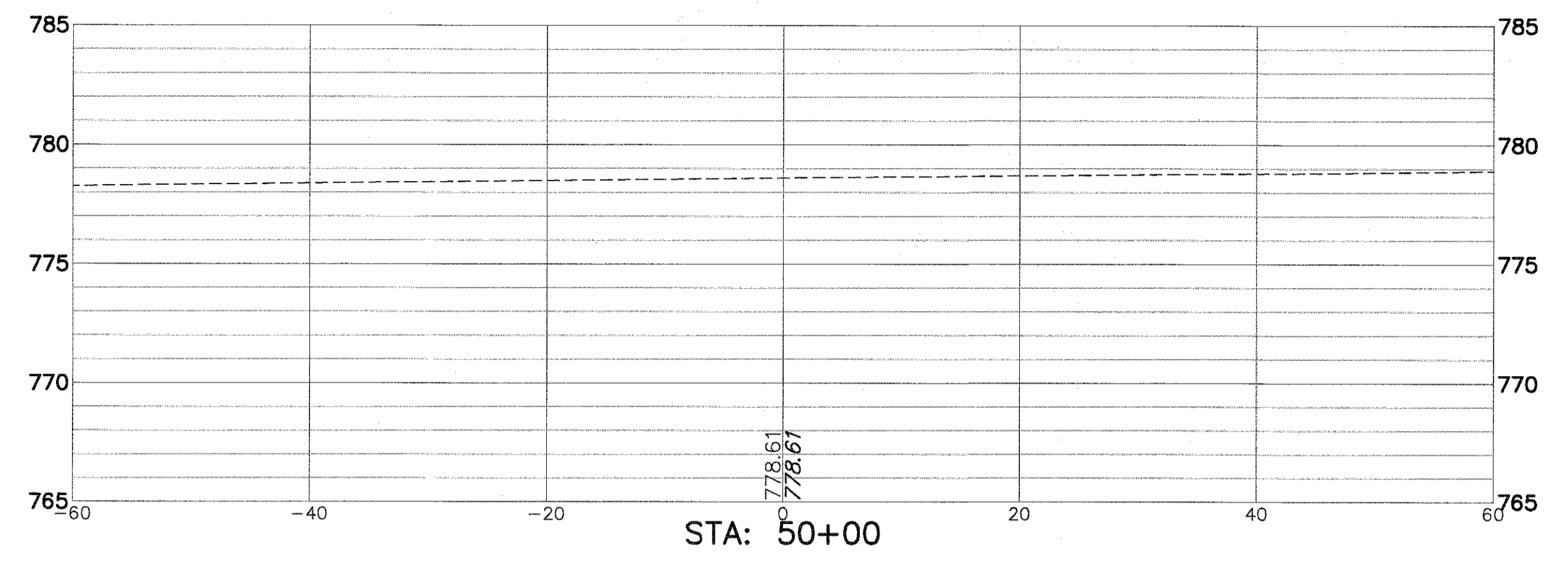
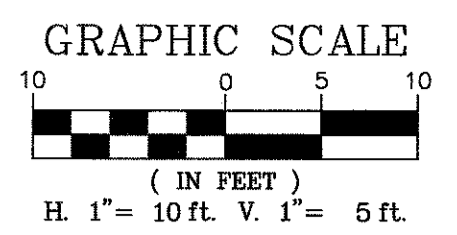
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| | | DRAWN - | REVISED - R. MIRS 12-11-97 |
| | PLOT SCALE = 50.000' / IN. | CHECKED - | REVISED - T. RAMMACHER 02-02-99 |
| | PLOT DATE = 1/4/2008 | DATE - | REVISED - C. JUCIUS 01-31-07 |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

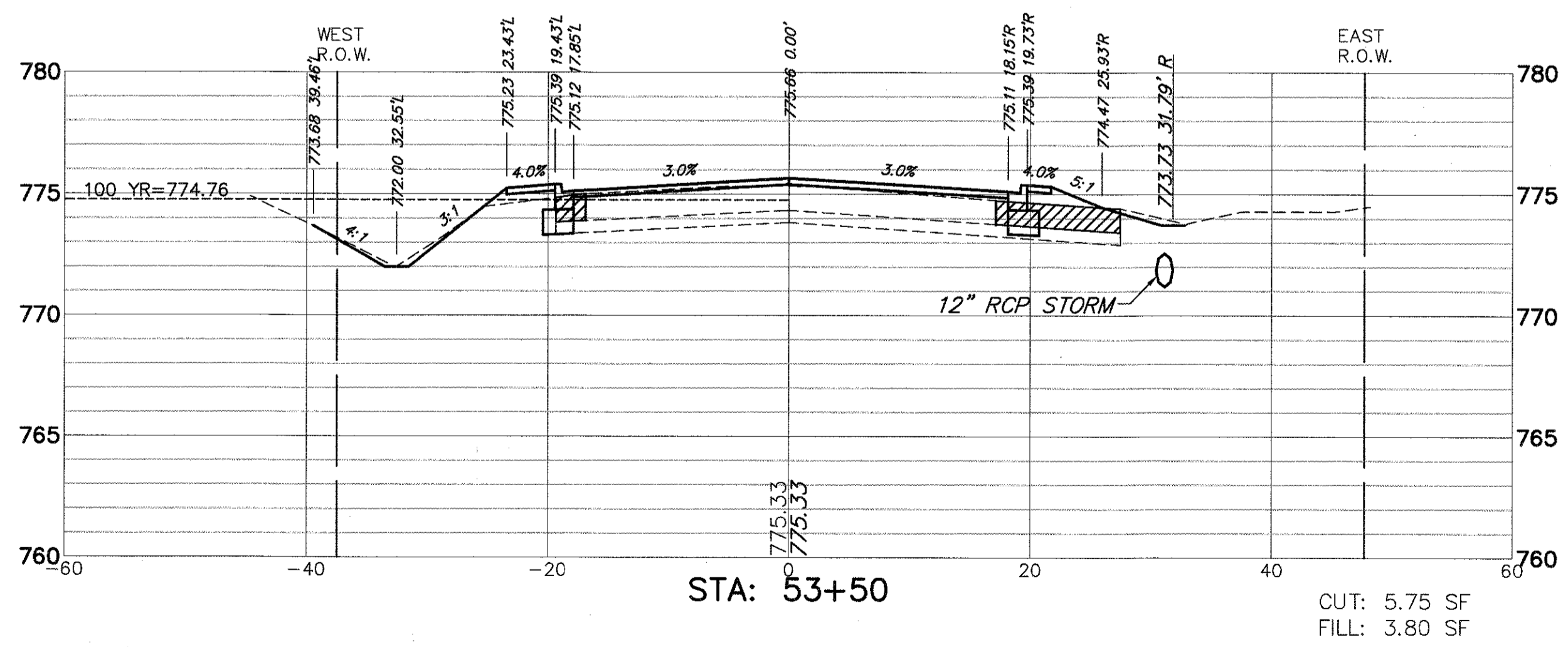
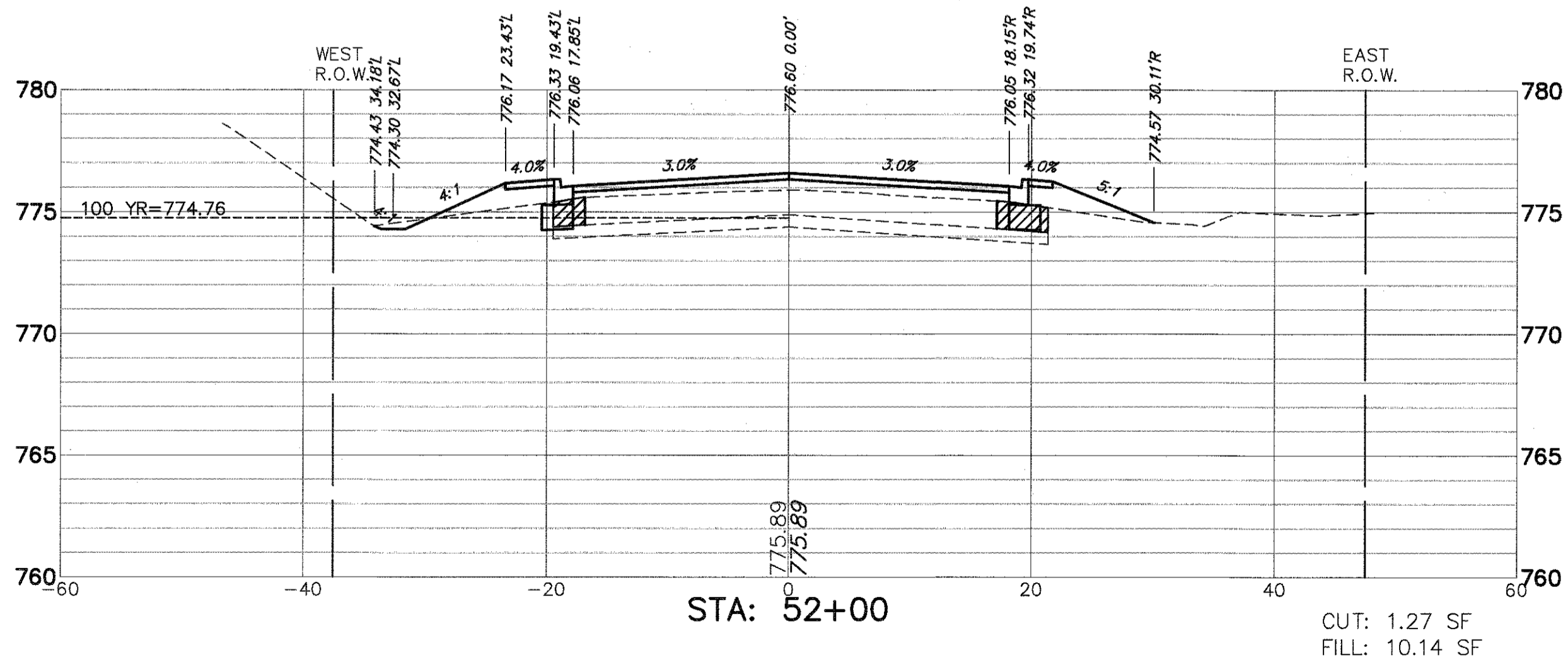
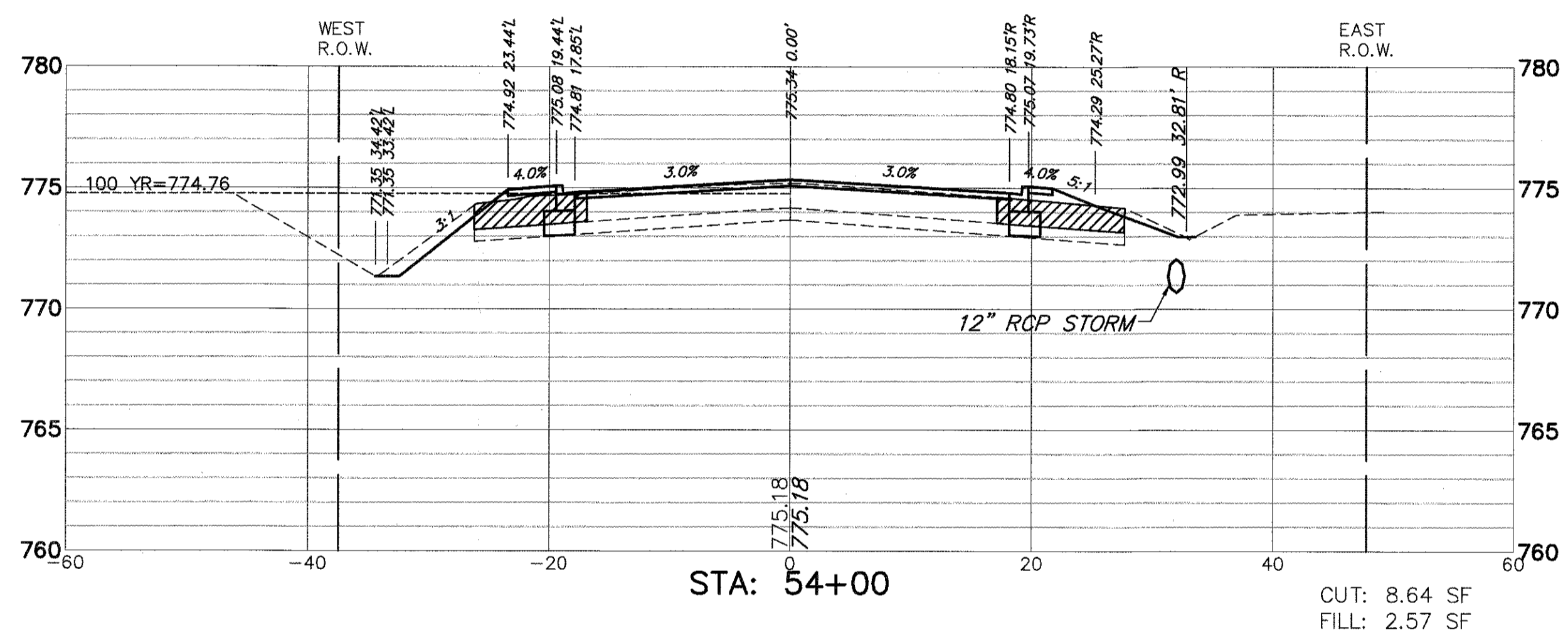
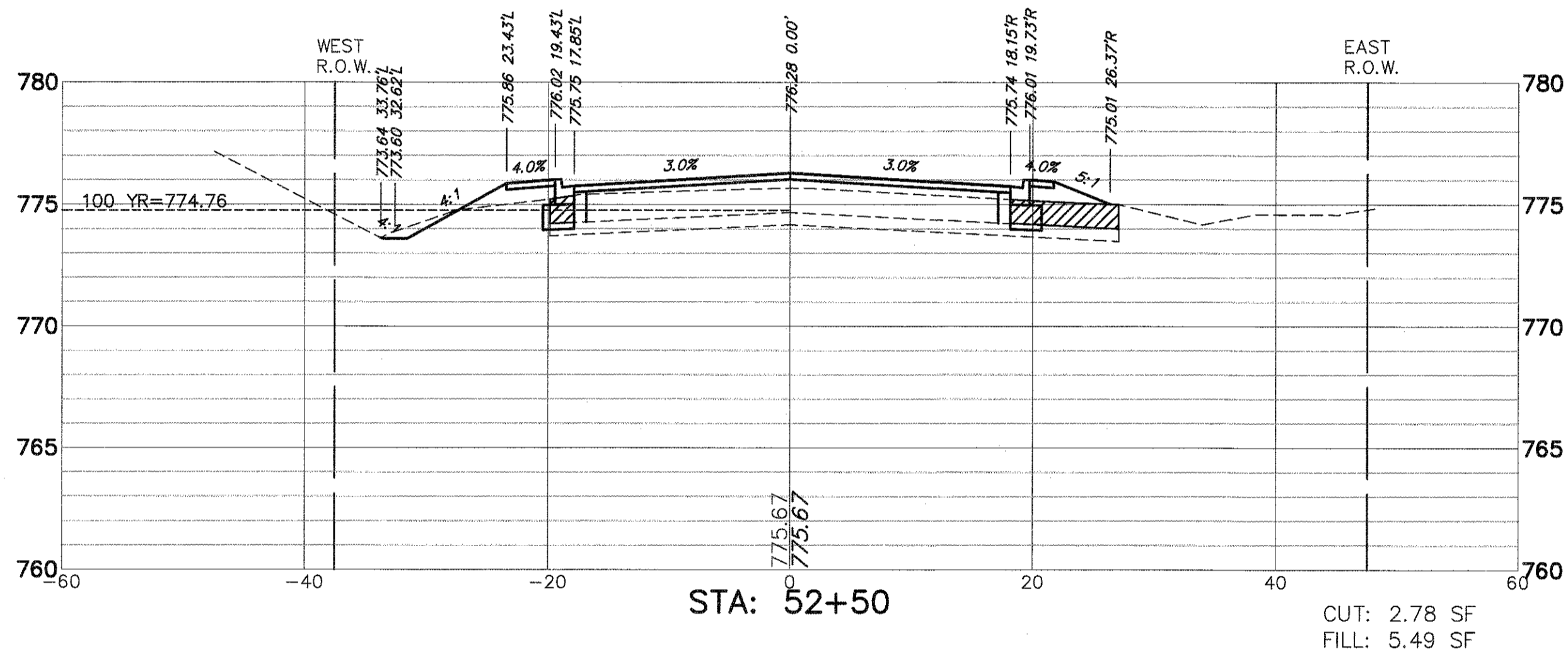
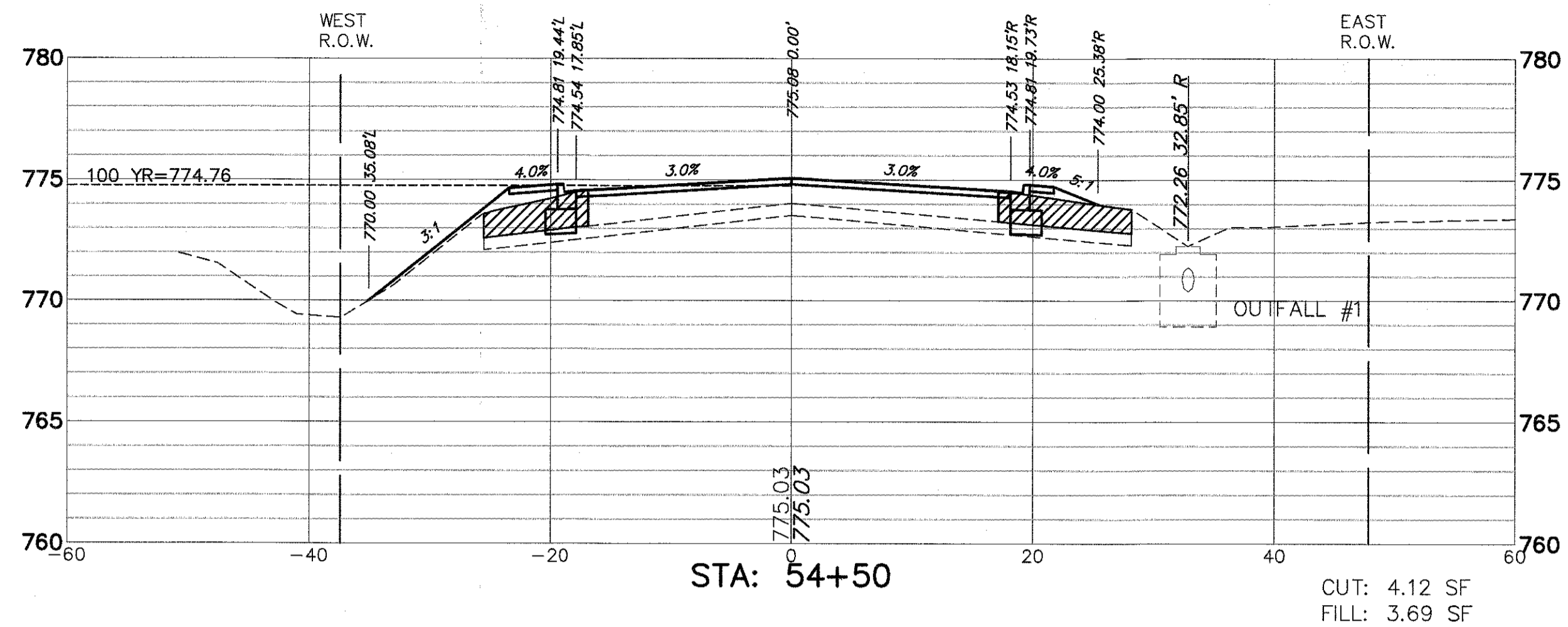
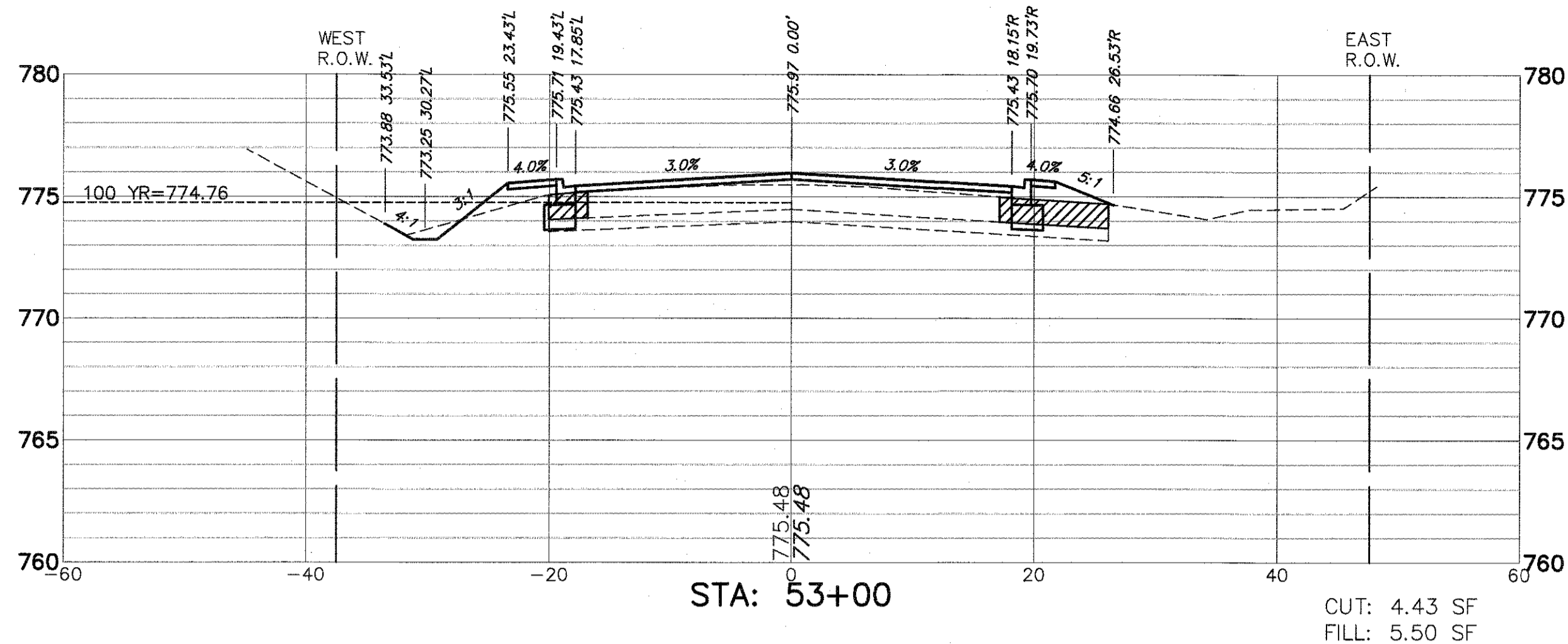
**ARTERIAL ROAD
INFORMATION SIGN**

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

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|--------|--------------------|-----------|
| 0195 | 15-00065-00-RS | LAKE | 80 | 67 |
| TC-22 | | | CONTRACT NO. 61E14 | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |



| | | | | | | | | | | | |
|------------------------------|-------------------------------|----------------|-----------|---|--|-------------------------|------------------|------------------------|-------------|---------------------------|--------------|
| FILE NAME = 4990-400-pr3.dwg | USER NAME = GEORGE WHITTEN | DESIGNED - KLB | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | CROSS SECTIONS LAKE STREET ROADWAY IMPROVEMENTS | | FAU. RTE. 0195 | SECTION 15-00065-00-RS | COUNTY LAKE | TOTAL SHEETS 80 | SHEET NO. 68 |
| | PLOT SCALE = 1" = .0833' | DRAWN - GW3 | REVISED - | | SCALE AS NOTED | SHEET NO. - OF - SHEETS | STA. - TO STA. - | CONTRACT # 61E14 | | ILLINOIS FED. AID PROJECT | |
| | PLOT DATE = 8/2/2017 12:50 PM | CHECKED - KLB | REVISED - | | | | | | | | |
| | | DATE - | REVISED - | | | | | | | | |



FILE NAME = 4990-400-pr3.dwg
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PLOT DATE = 8/2/2017 12:49 PM

USER NAME = GEORGE WHITTEN
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DRAWN - GW3
CHECKED - KLB
DATE -

DESIGNED - KLB
DRAWN - GW3
CHECKED - KLB
DATE -

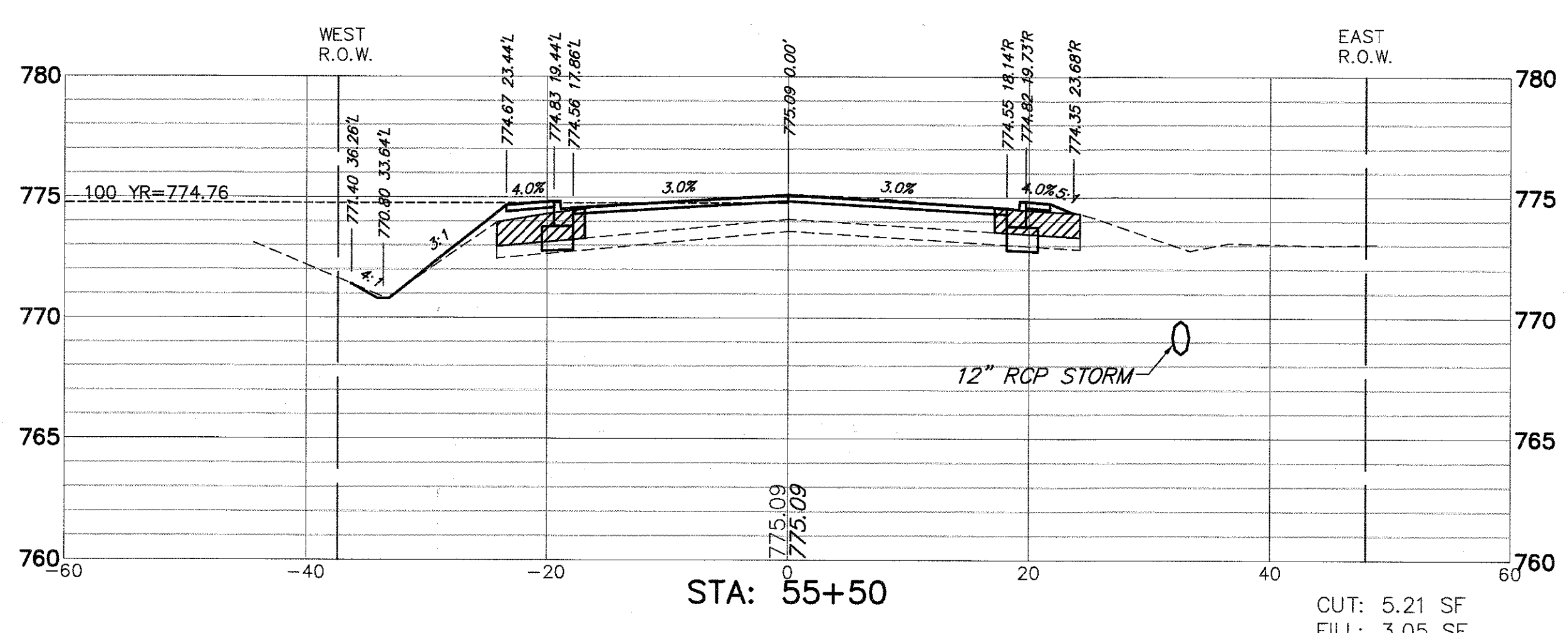
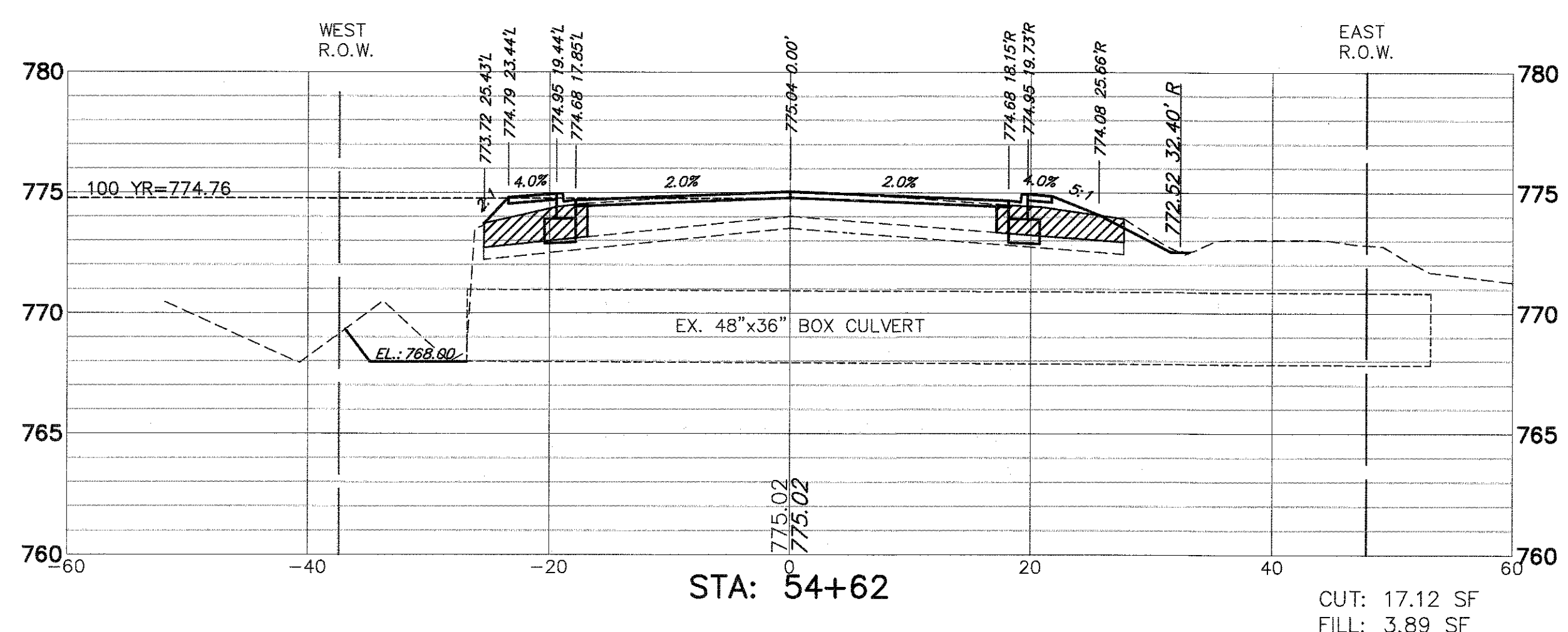
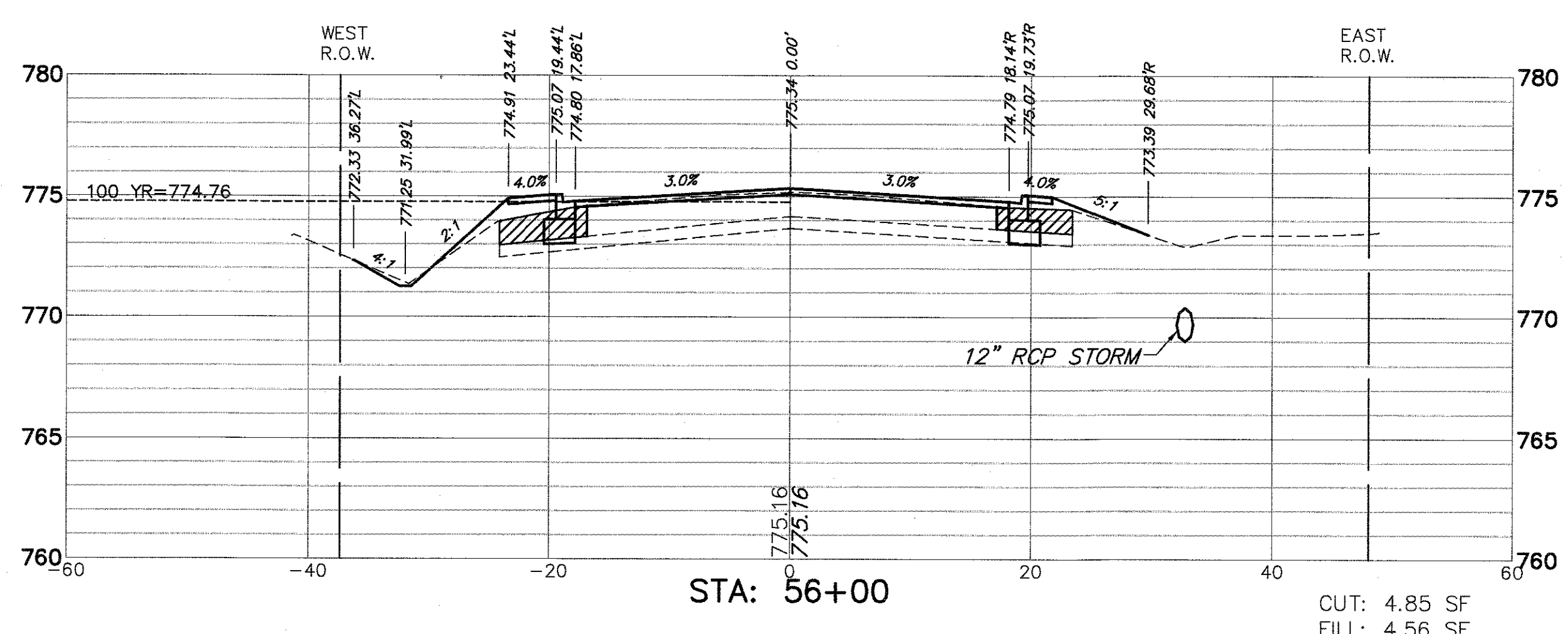
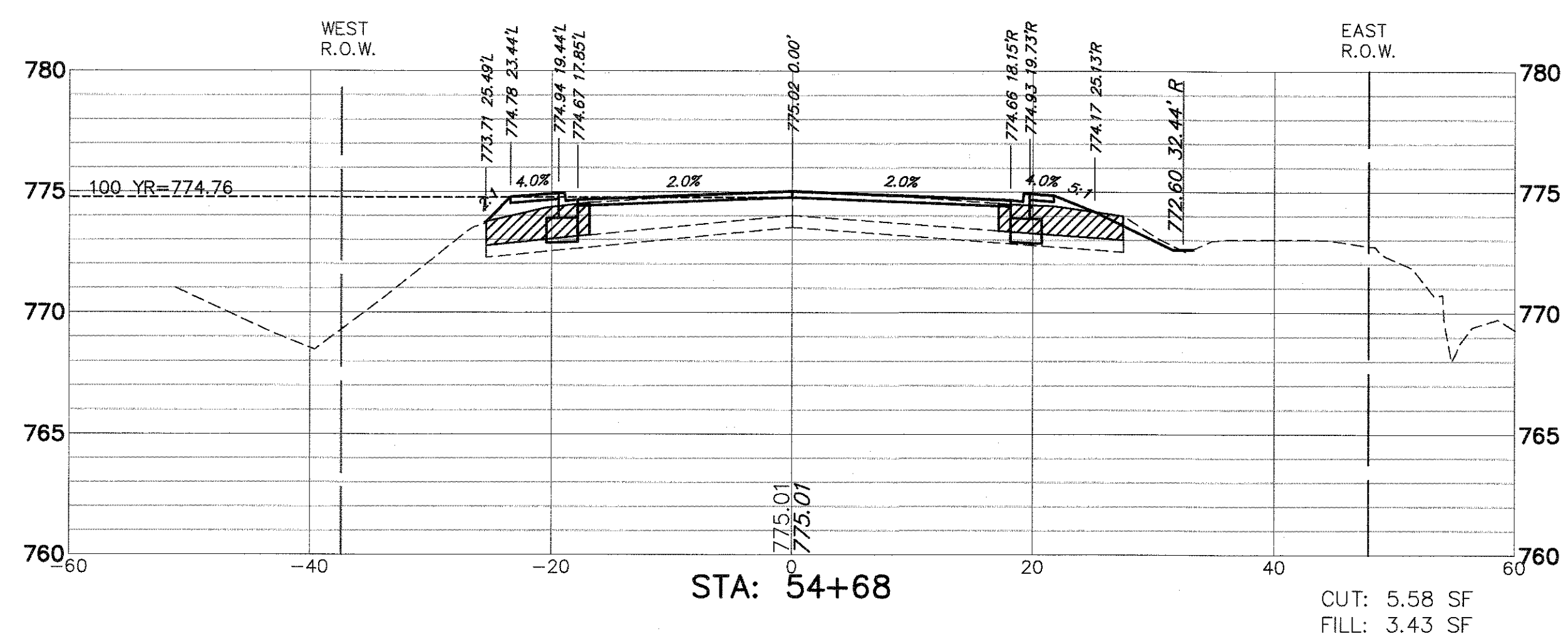
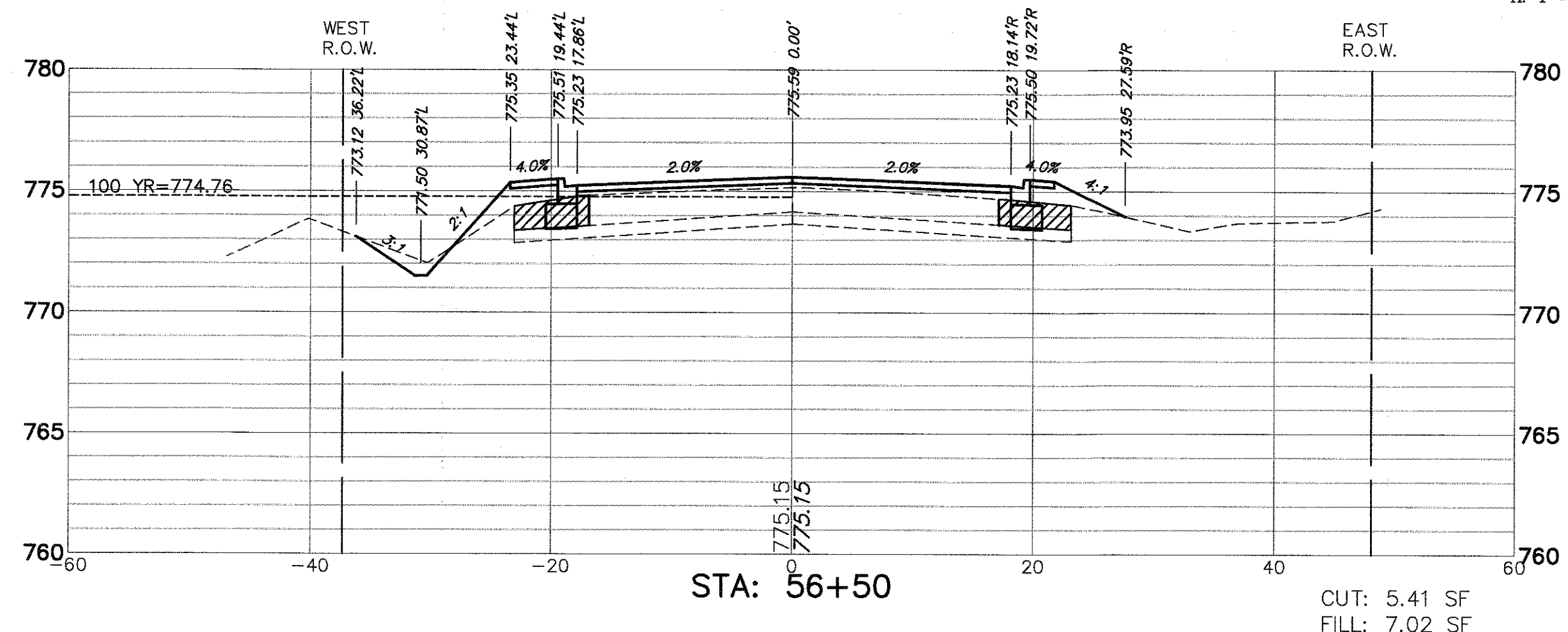
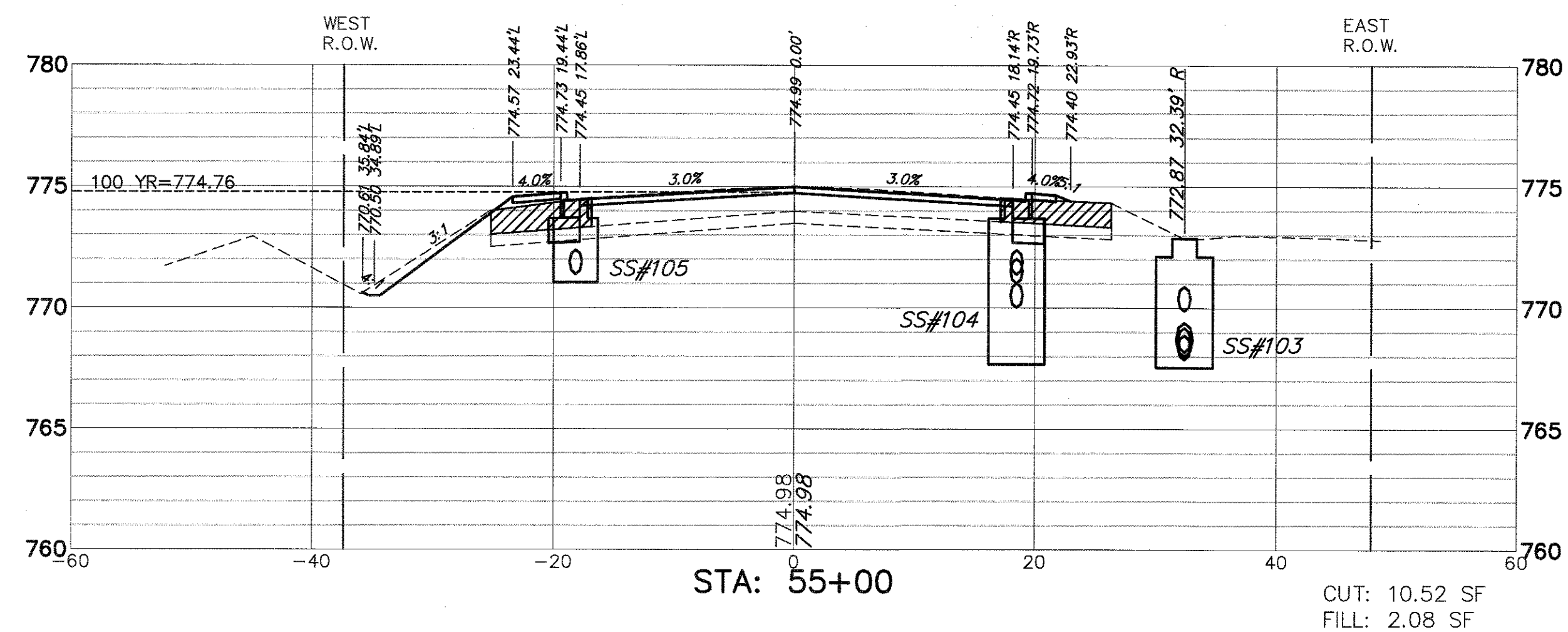
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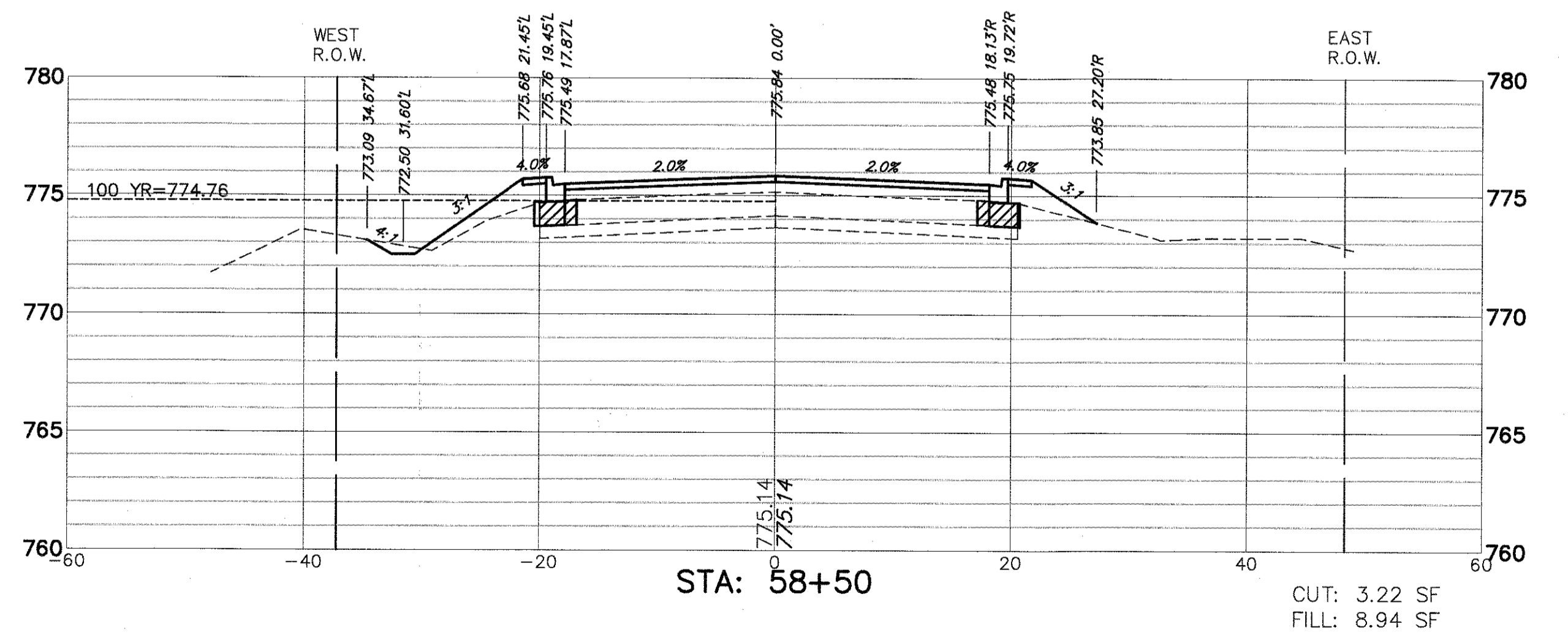
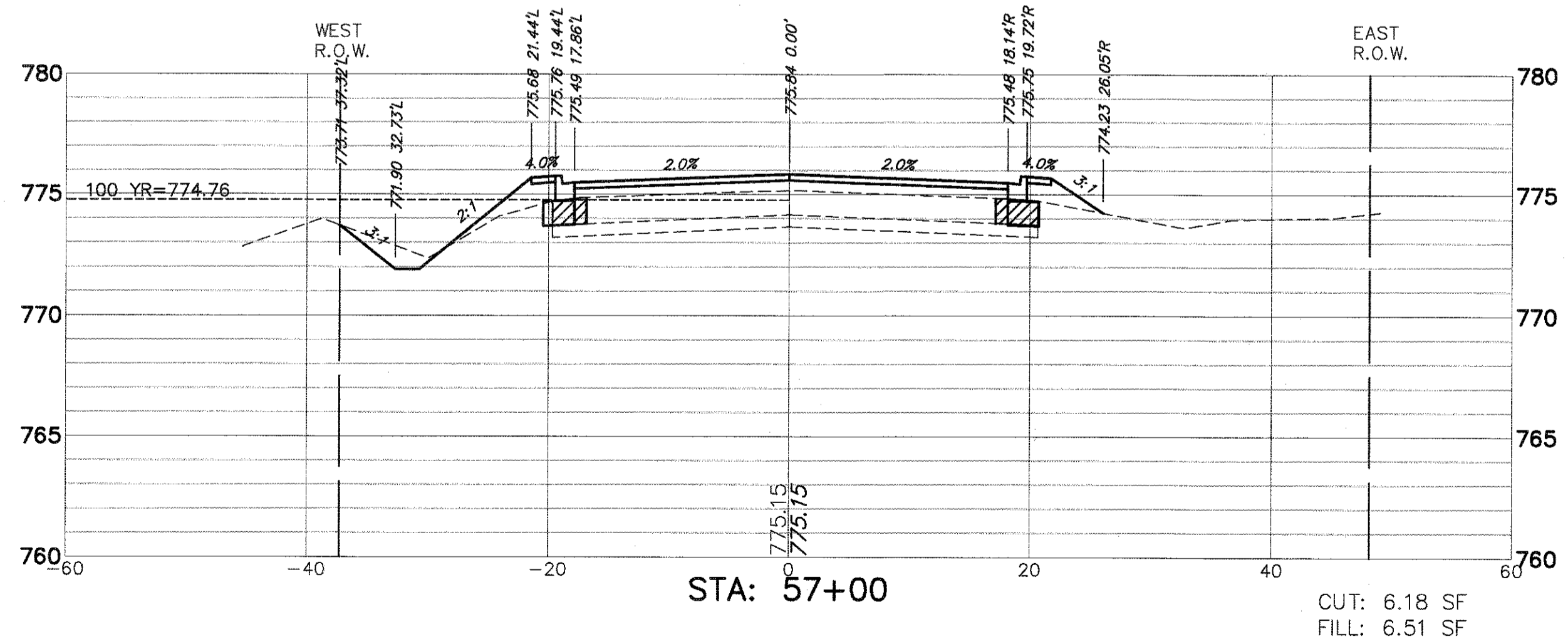
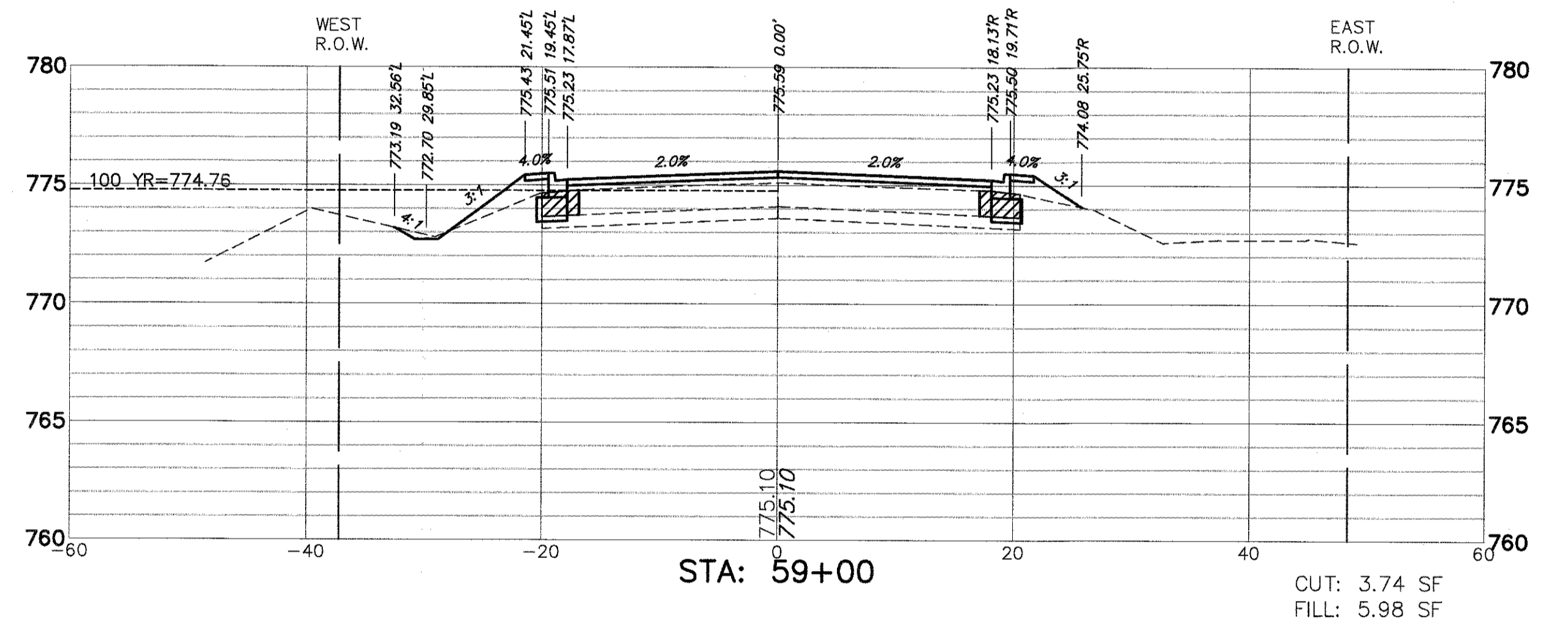
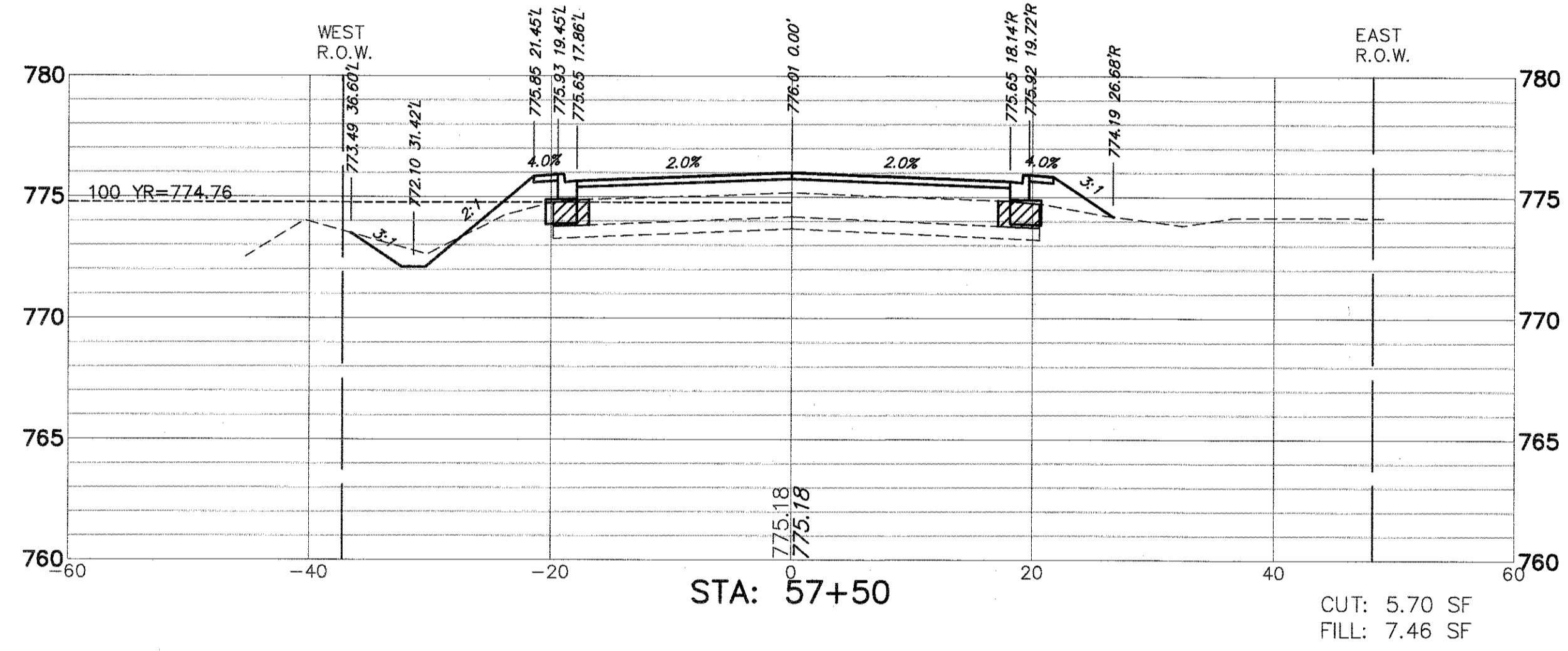
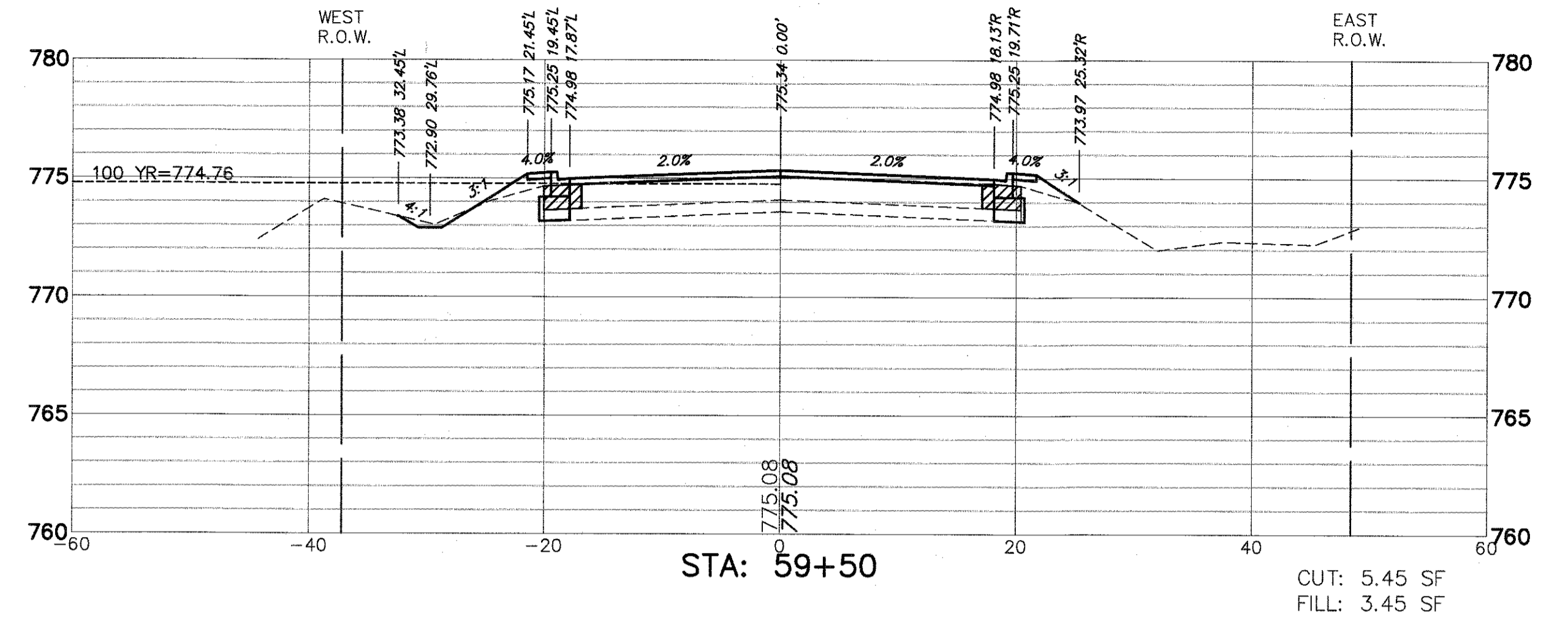
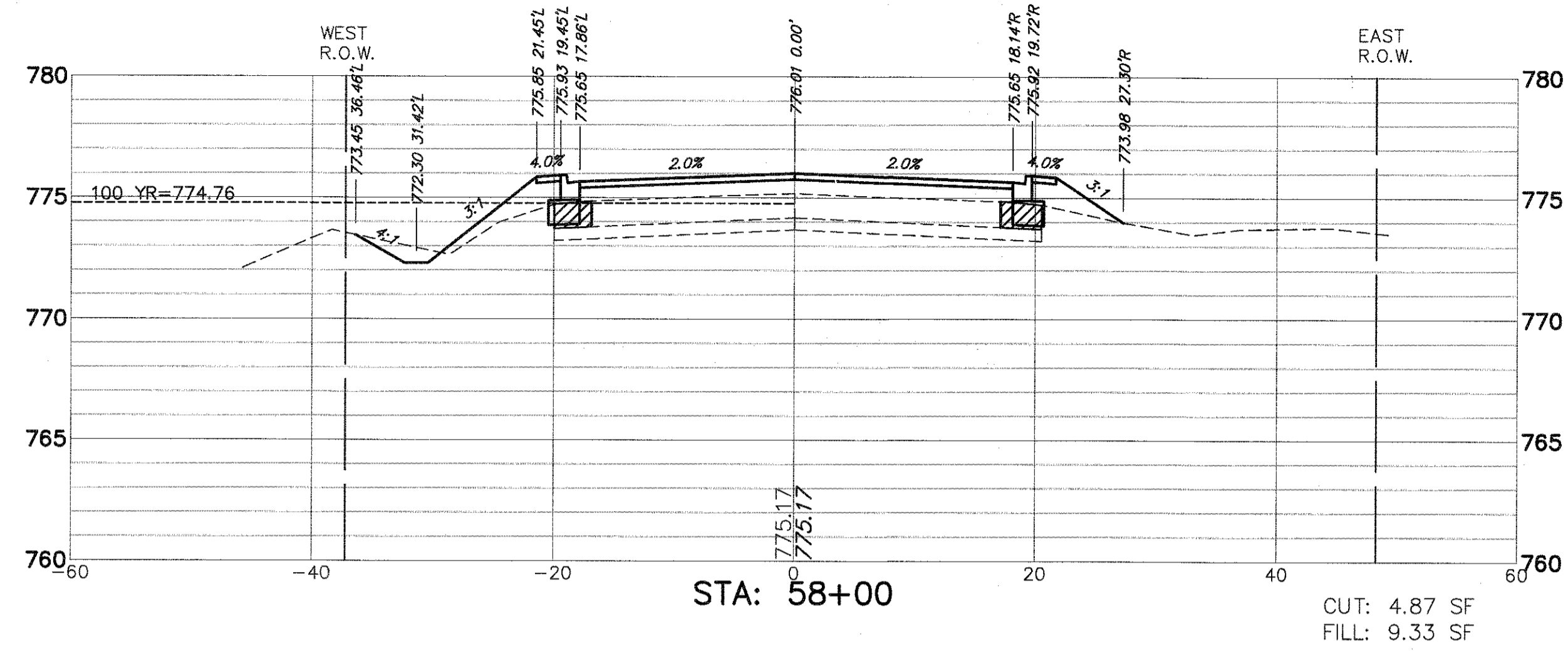
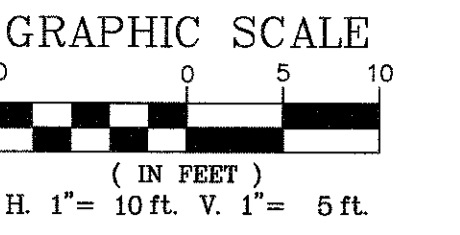
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
LAKE STREET ROADWAY IMPROVEMENTS**

| FAU. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 0195 | 15-00065-00-RS | LAKE | 80 | 69 |
| CONTRACT # | | | 61E14 | |
| ILLINOIS FED. AID PROJECT | | | | |

SCALE AS NOTED SHEET NO. - OF - SHEETS STA. - TO STA. -





FILE NAME = 4990-400-pr3.dwg

USER NAME = GEORGE WHITTEN

DESIGNED - KLB

REVISED -

DRAWN - GW3

REVISED -

PLOT SCALE = 1" = .0833'

CHECKED - KLB

REVISED -

PLOT DATE = 8/2/2017 12:48 PM

DATE -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LAKE STREET ROADWAY IMPROVEMENTS

SCALE AS NOTED

SHEET NO. - OF - SHEETS

STA. - TO STA. -

FALL
RTE

0195

SECTION

15-00065-00-RS

COUNTY

LAKE

TOTAL
SHEETS

80

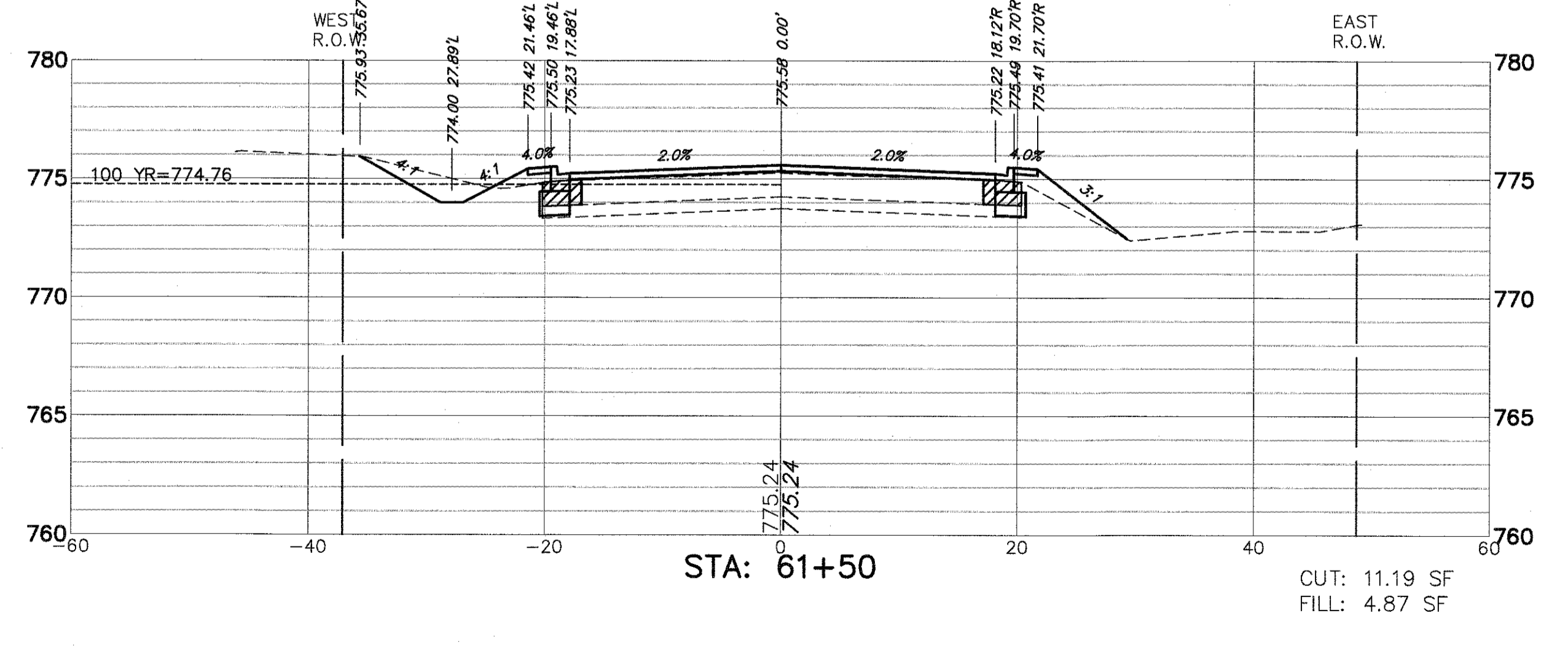
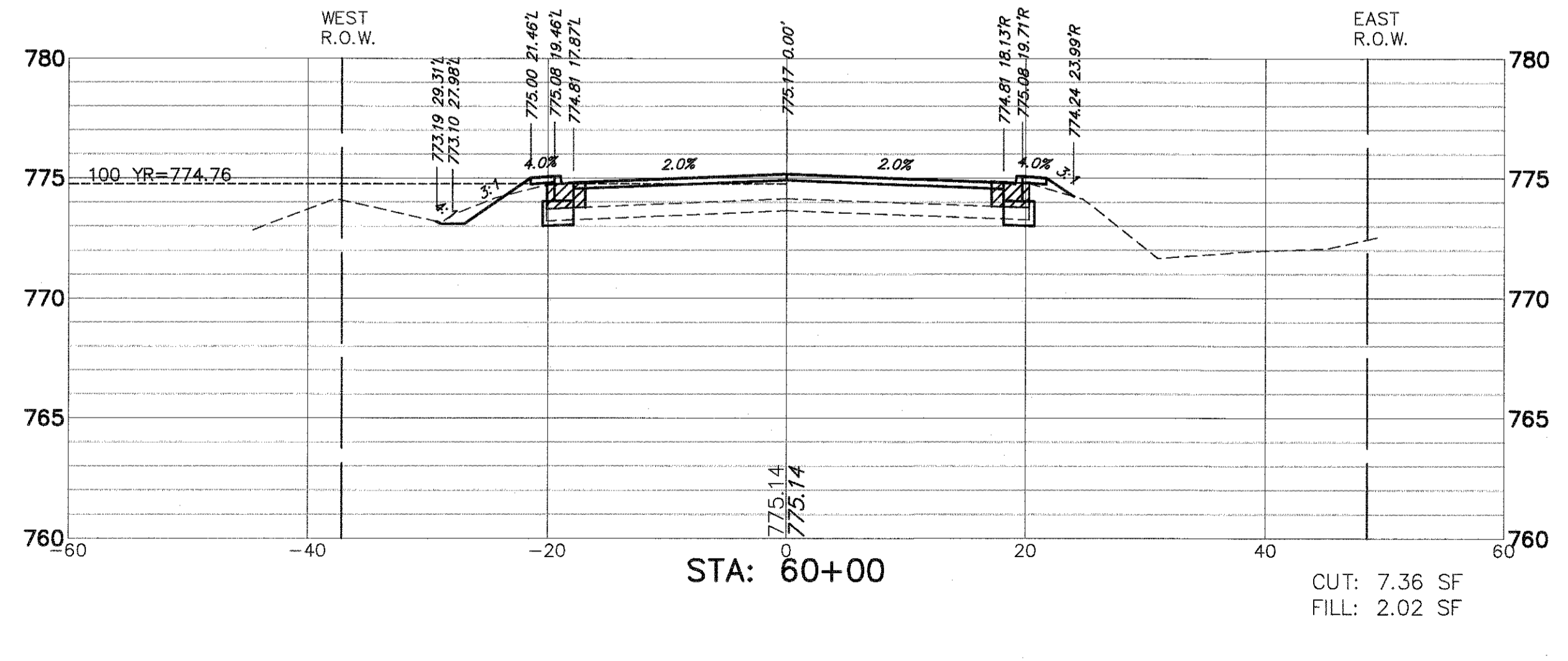
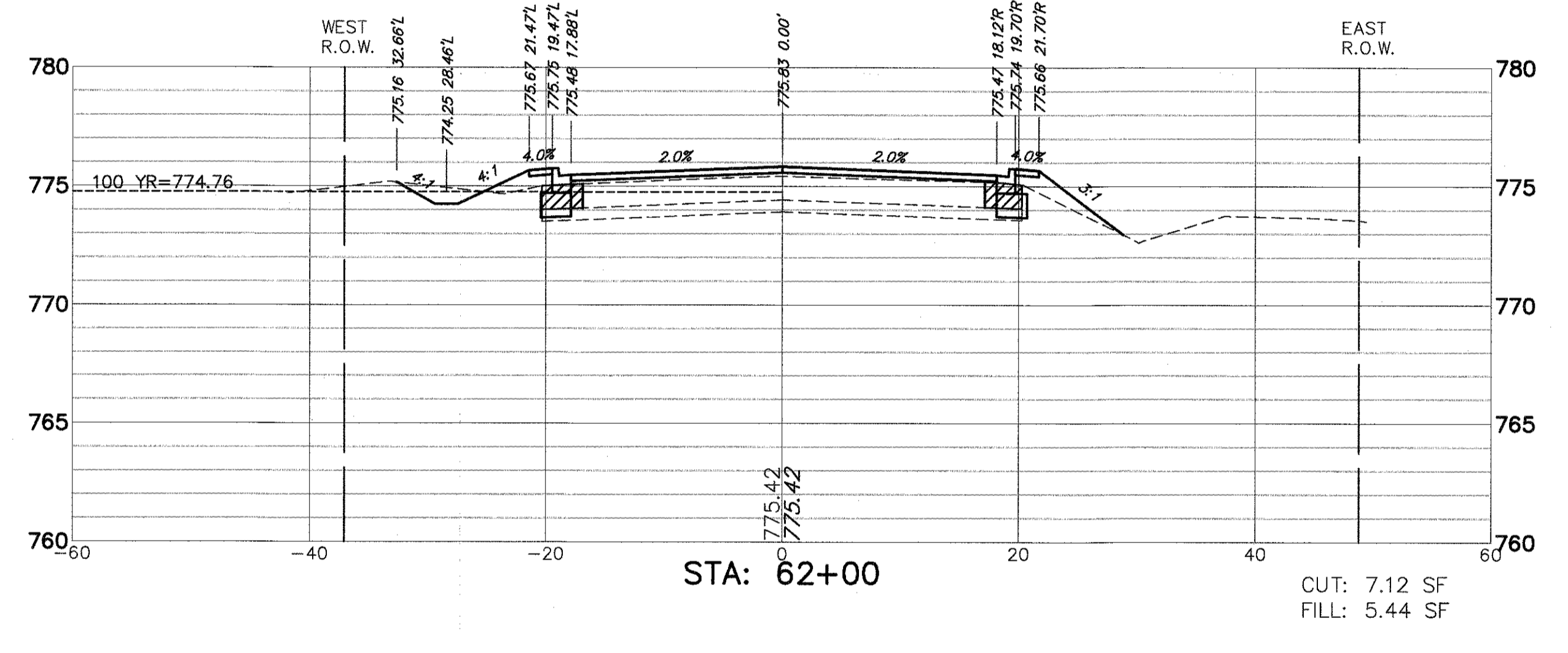
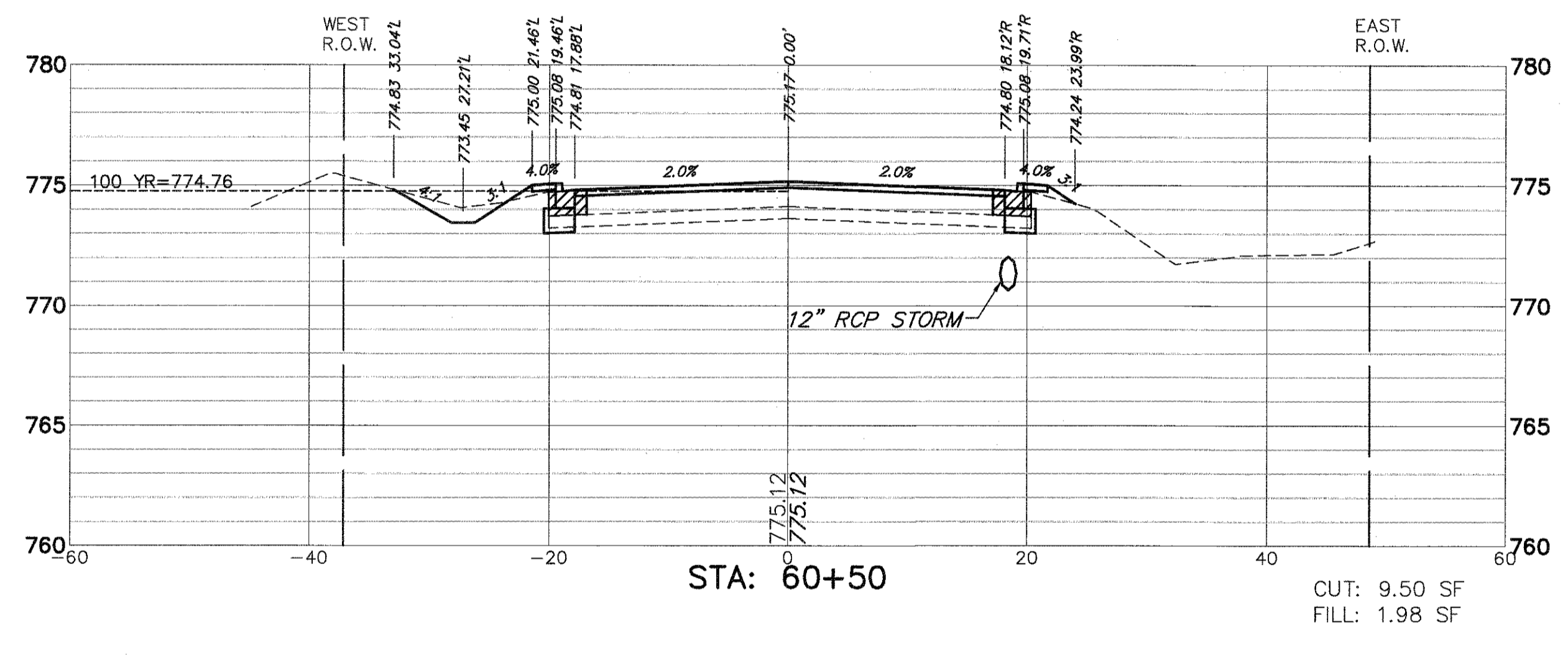
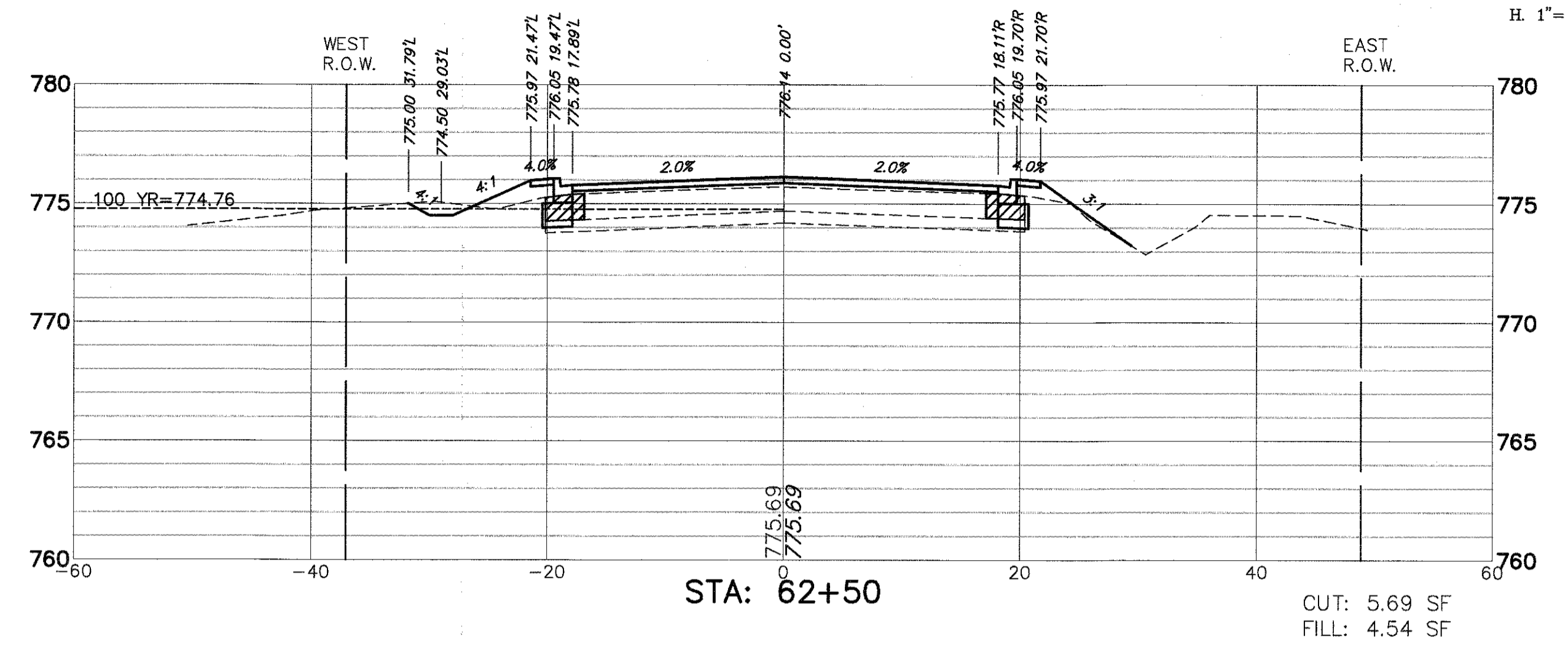
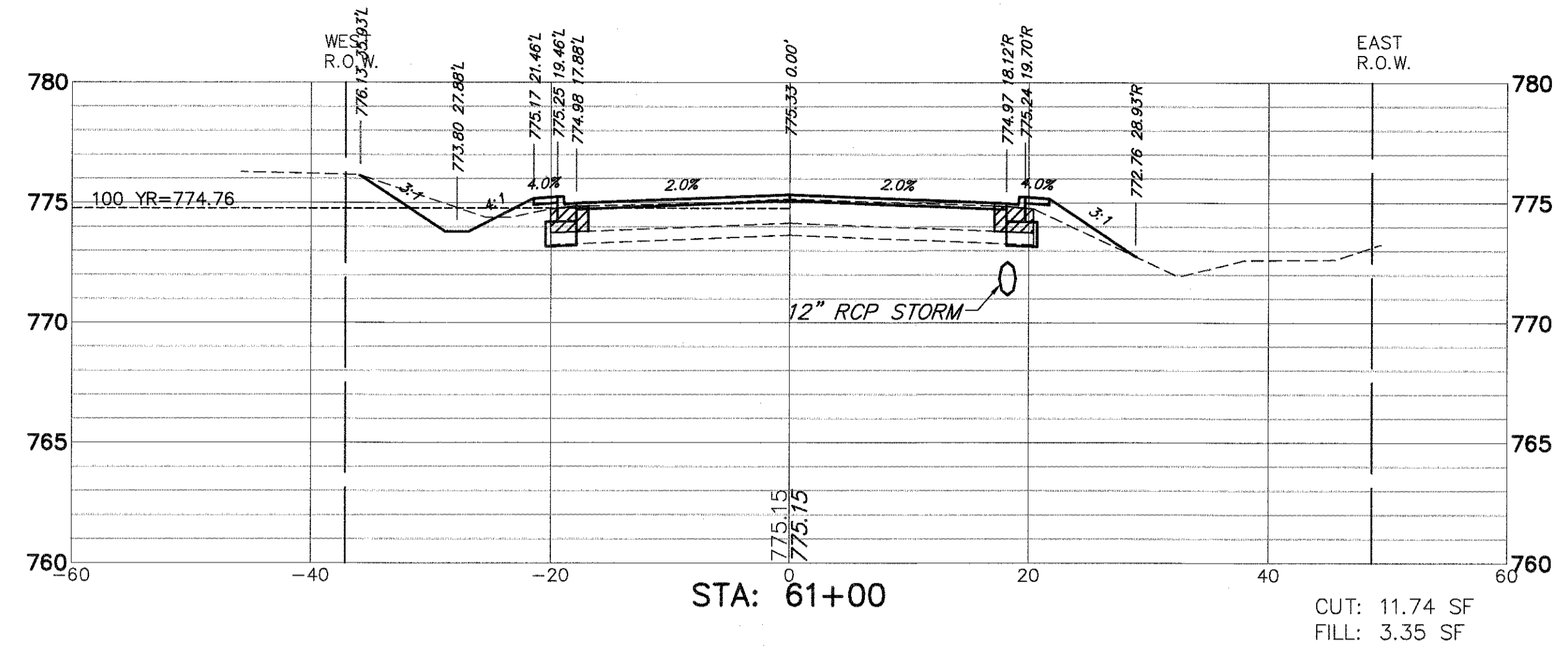
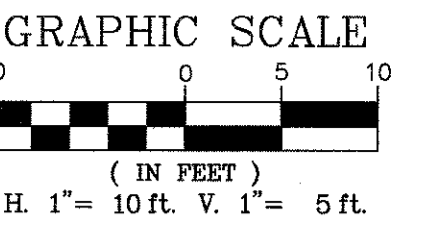
SHEET
NO.

71

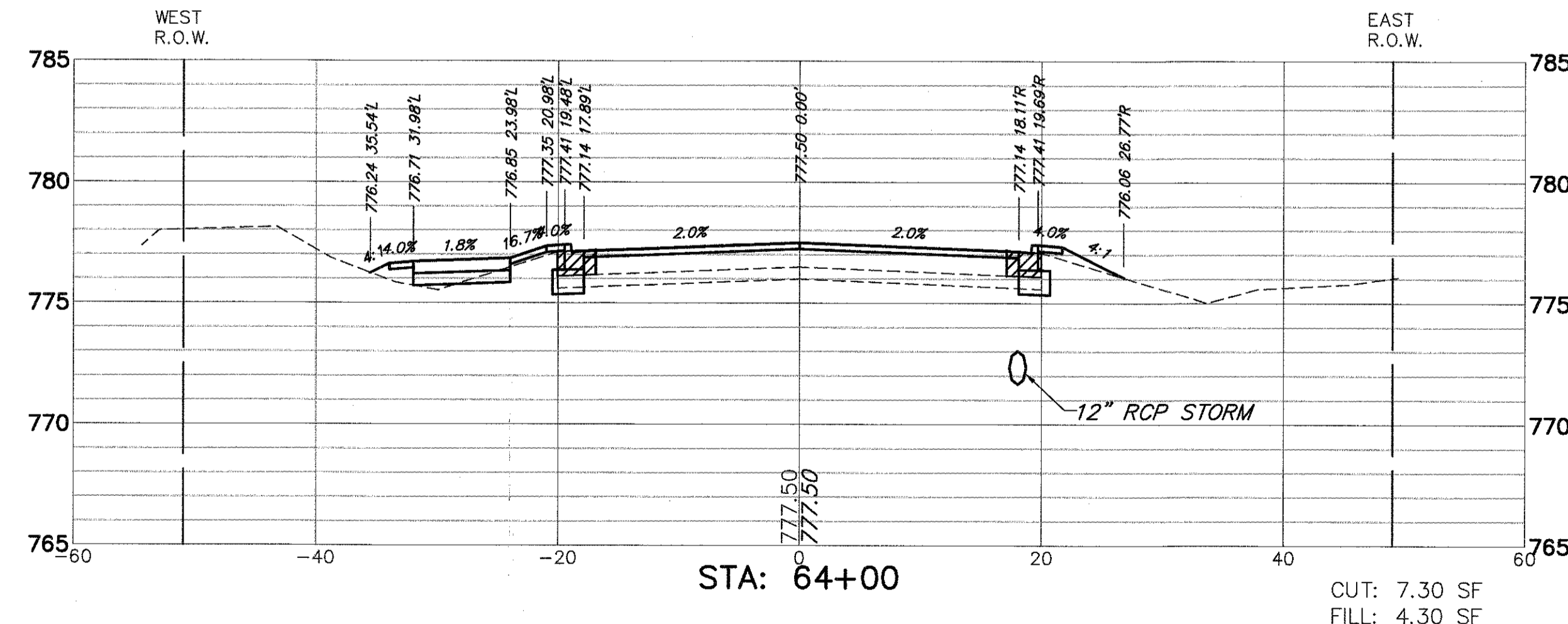
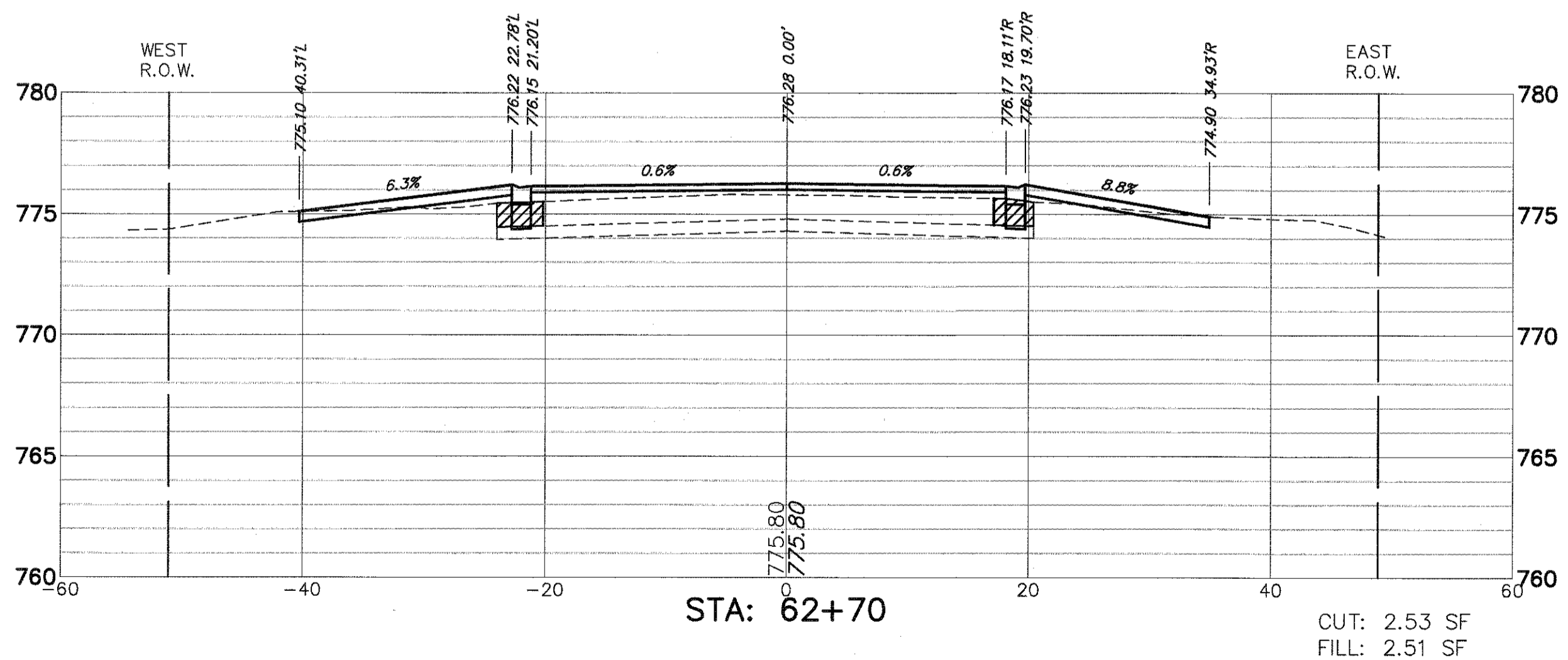
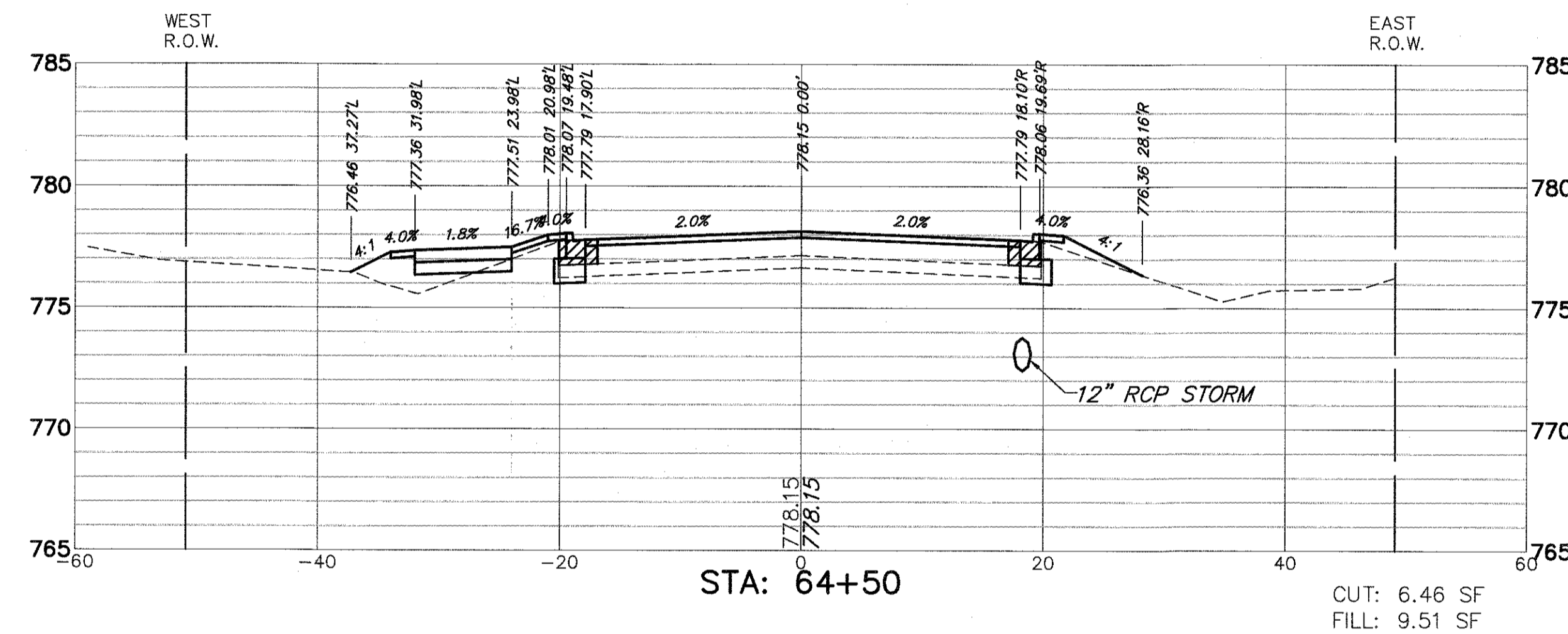
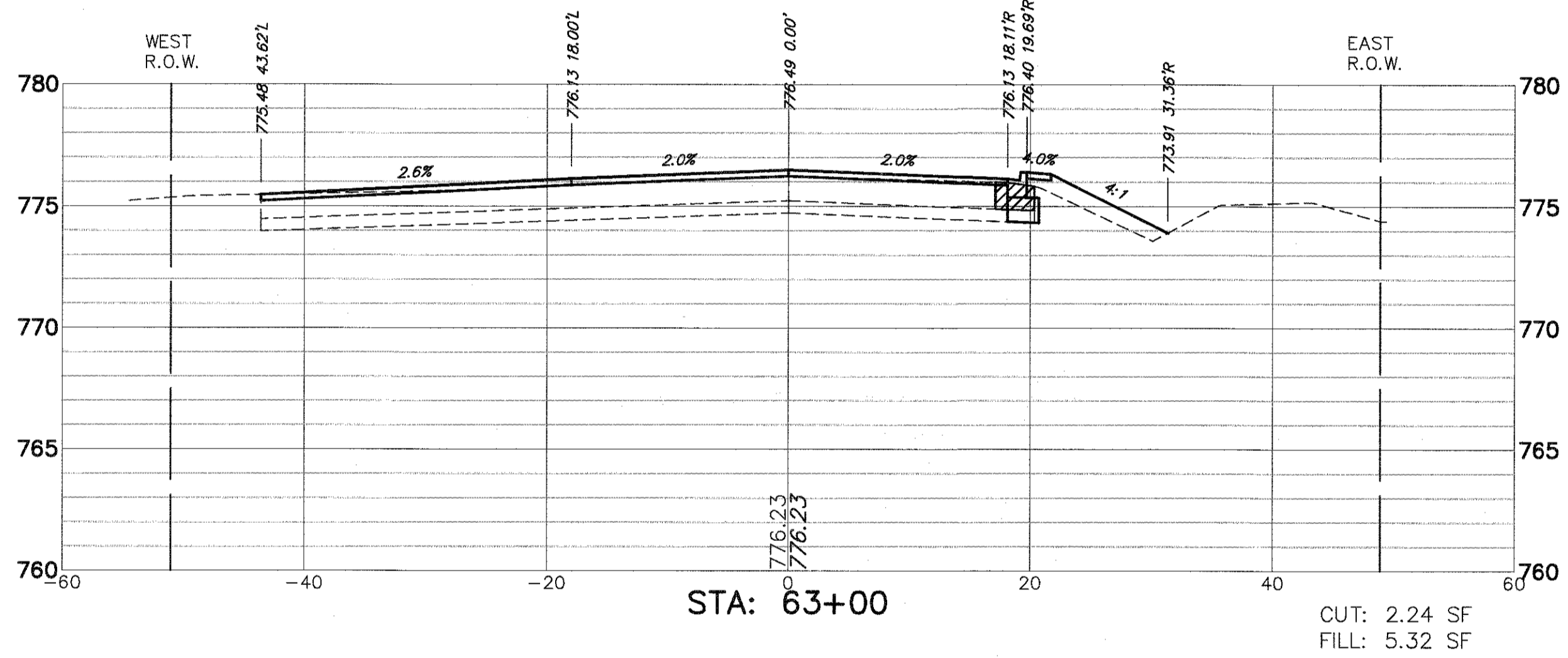
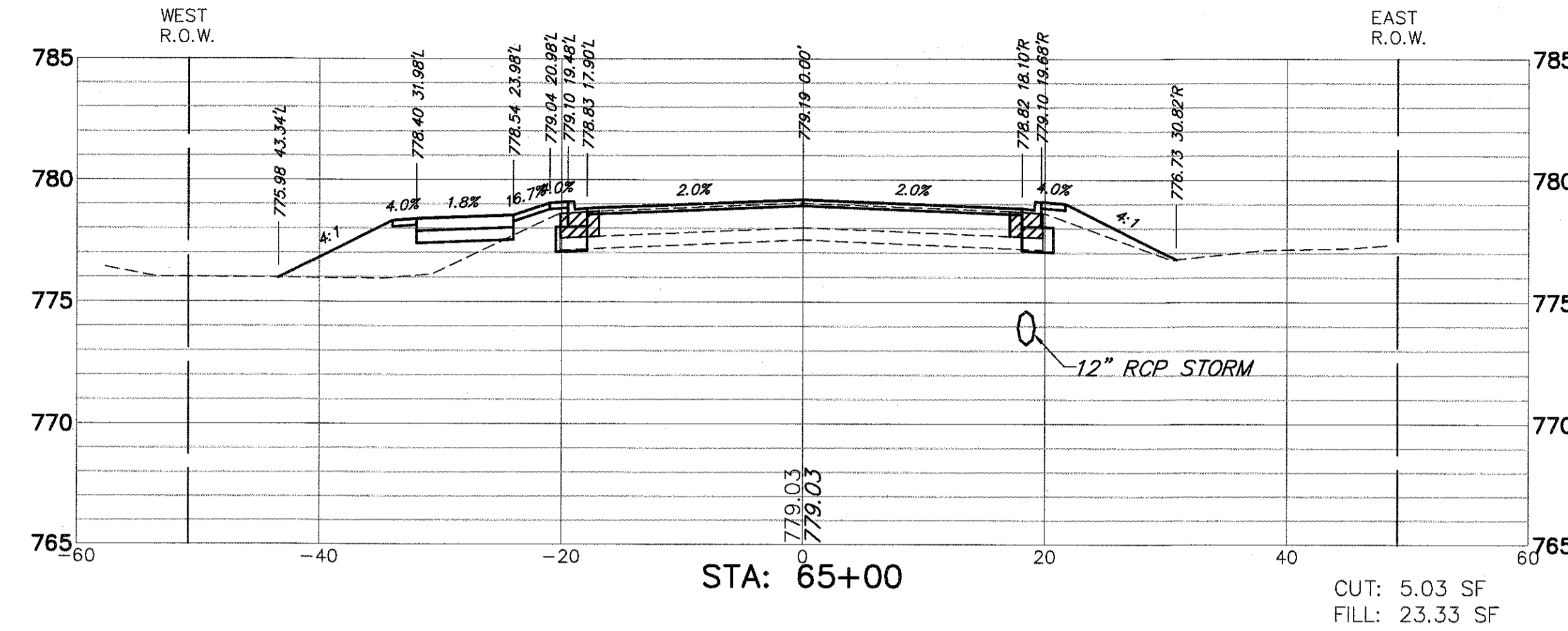
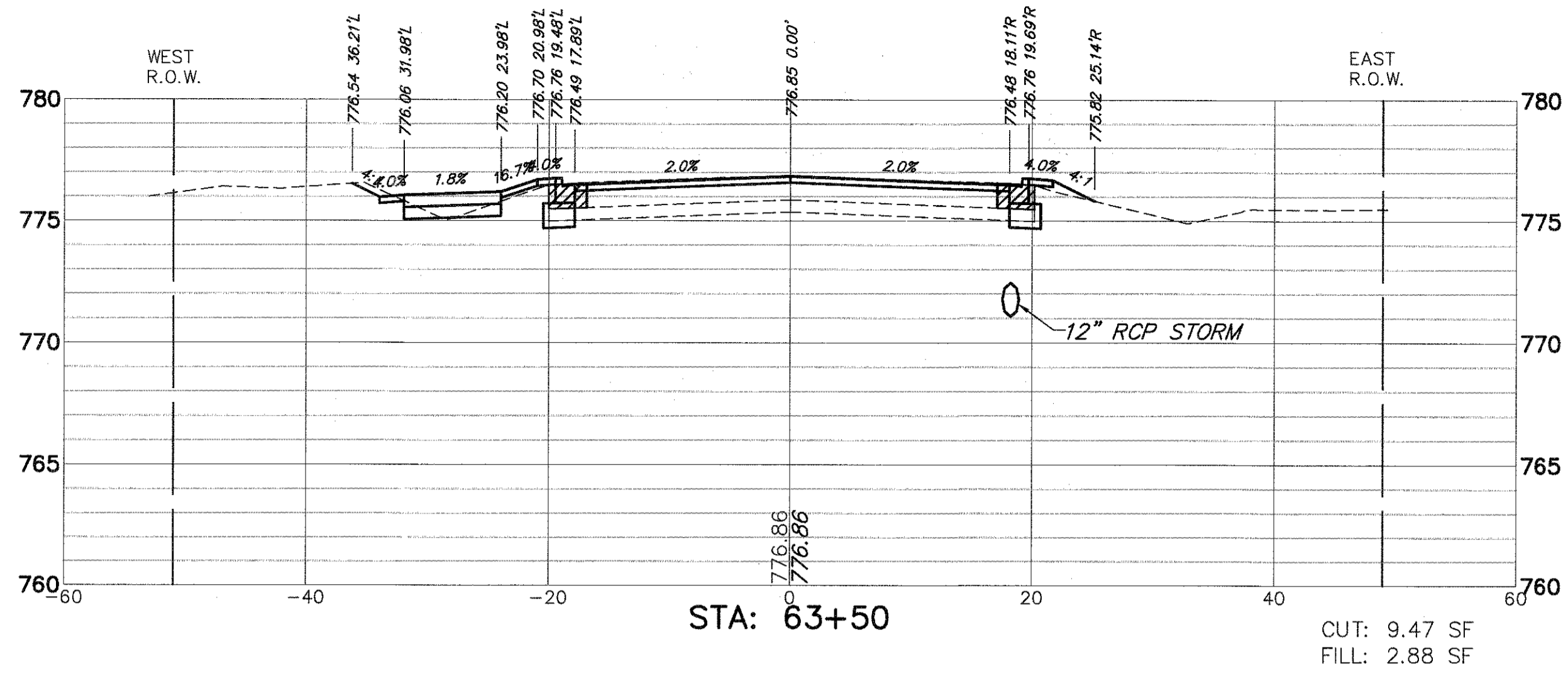
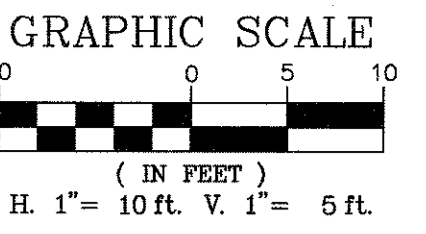
CONTRACT #

61E14

ILLINOIS FED. AID PROJECT



| | | | | | | | | | | | | |
|-------------------------------|----------------------------|----------------|-----------|---|--|-------------------------|------------------|------------------------|-------------|---------------------------|--------------|--|
| FILE NAME = 4990-400-pr3.dwg | USER NAME = GEORGE WHITTEN | DESIGNED - KLB | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | CROSS SECTIONS LAKE STREET ROADWAY IMPROVEMENTS | | FAU. RTE. 0195 | SECTION 15-00065-00-RS | COUNTY LAKE | TOTAL SHEETS 80 | SHEET NO. 72 | |
| PLOT SCALE = 1" = .0833' | CHECKED - KLB | REVISED - | REVISED - | | SCALE AS NOTED | SHEET NO. - OF - SHEETS | STA. - TO STA. - | CONTRACT # 61E14 | | ILLINOIS FED. AID PROJECT | | |
| PLOT DATE = 8/2/2017 12:48 PM | DATE - | REVISED - | REVISED - | | | | | | | | | |
| | | | | | | | | | | | | |



FILE NAME = 4990-400-pr3.dwg

USER NAME = GEORGE WHITTEN

DESIGNED - KLB

REVISED -

DRAWN - CW3

CHECKED - KLB

REVISED -

PLOT SCALE = 1" = .0833'

DATE -

REVISED -

PLOT DATE = 6/2/2017 12:48 PM

DATE -

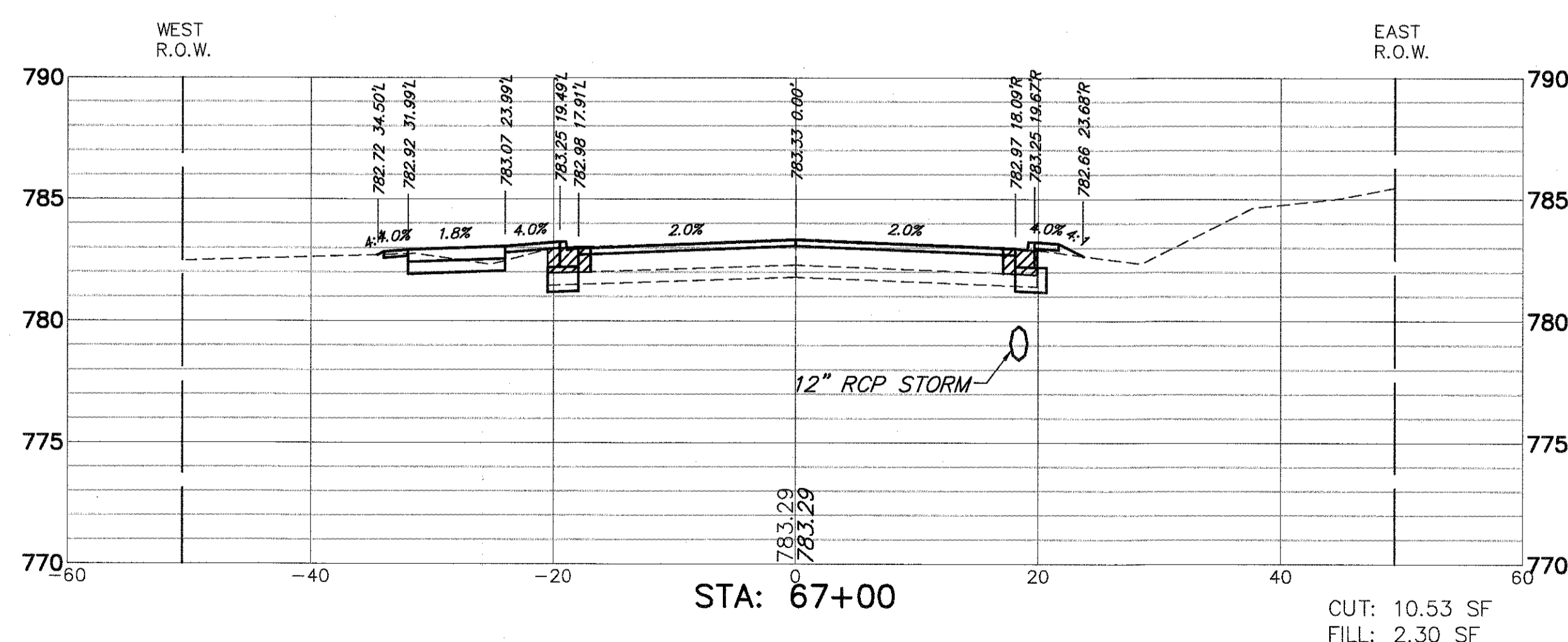
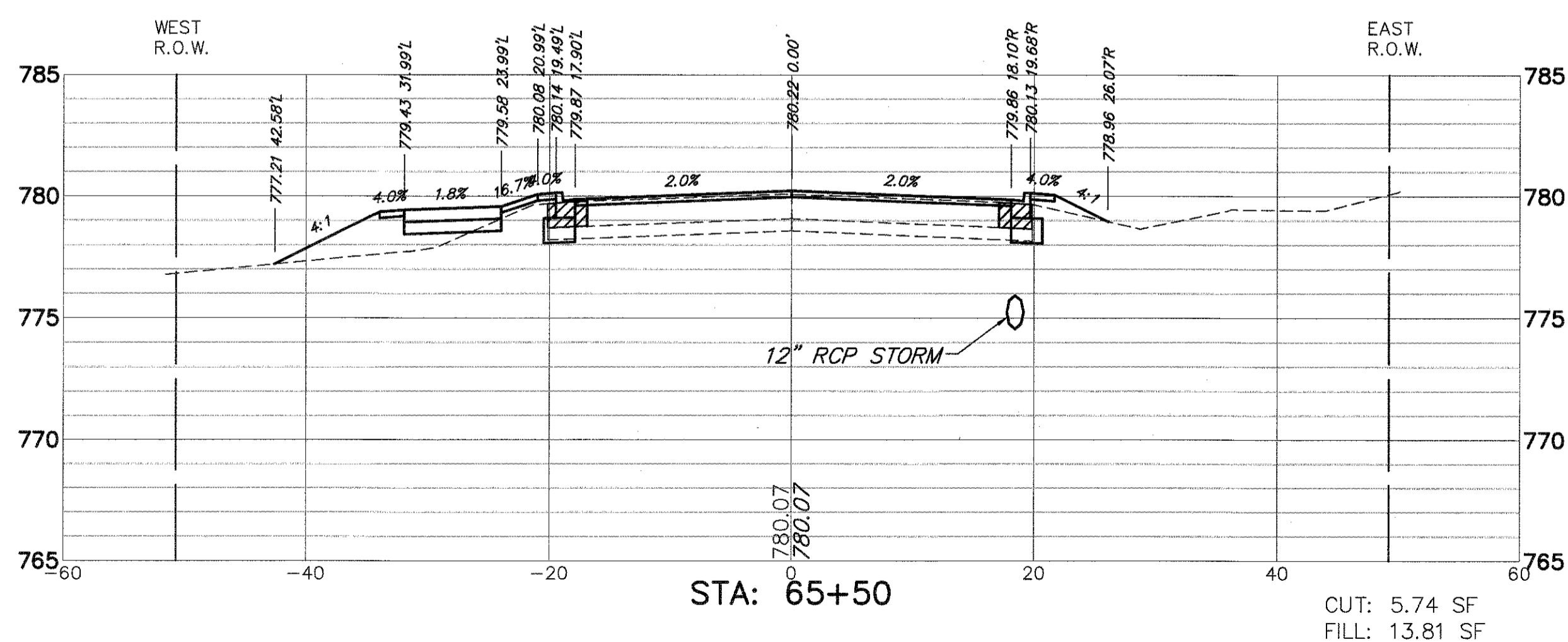
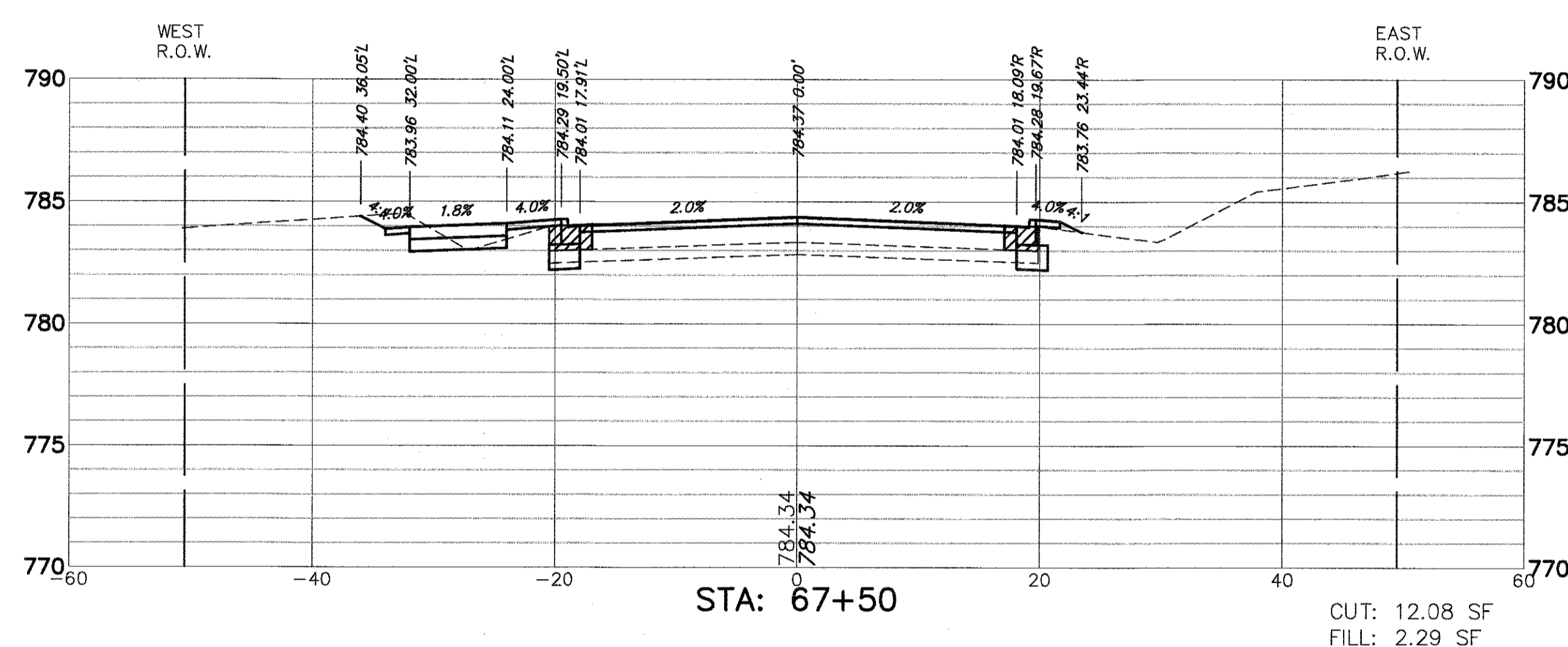
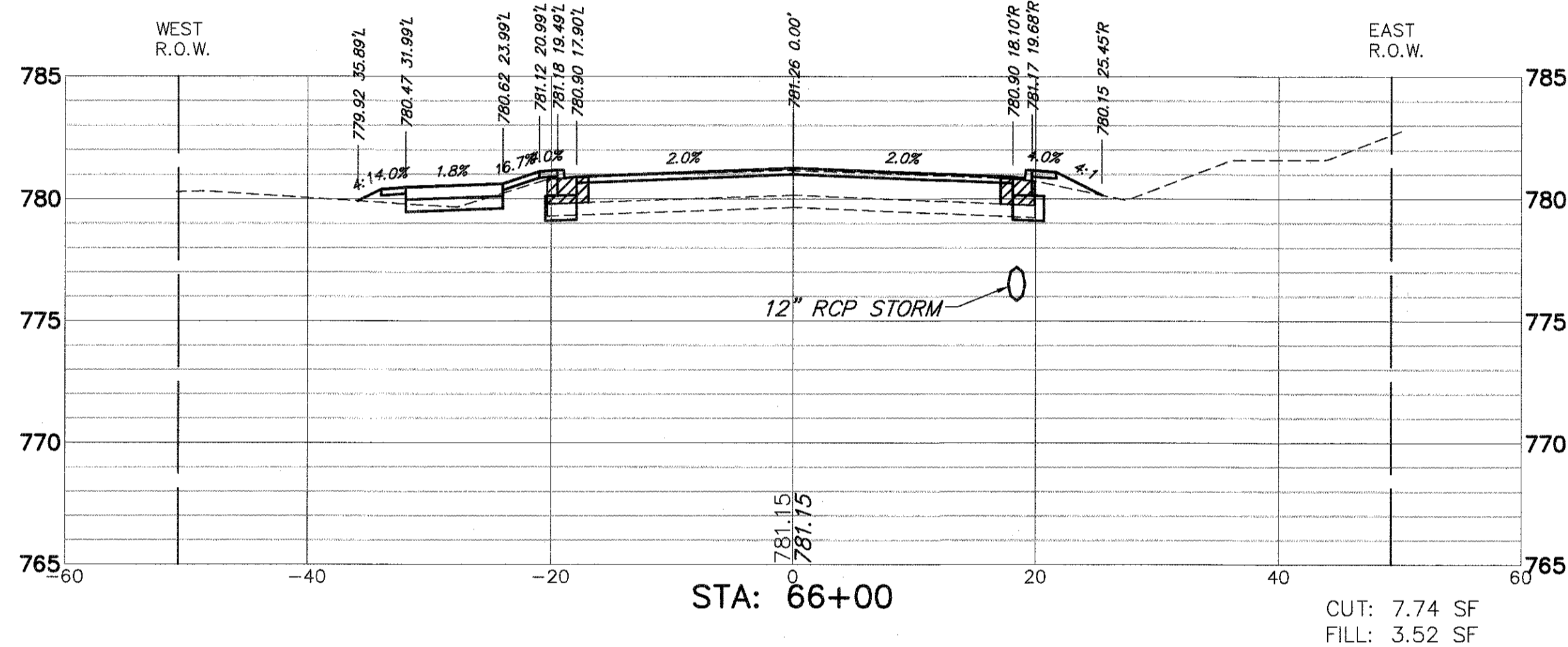
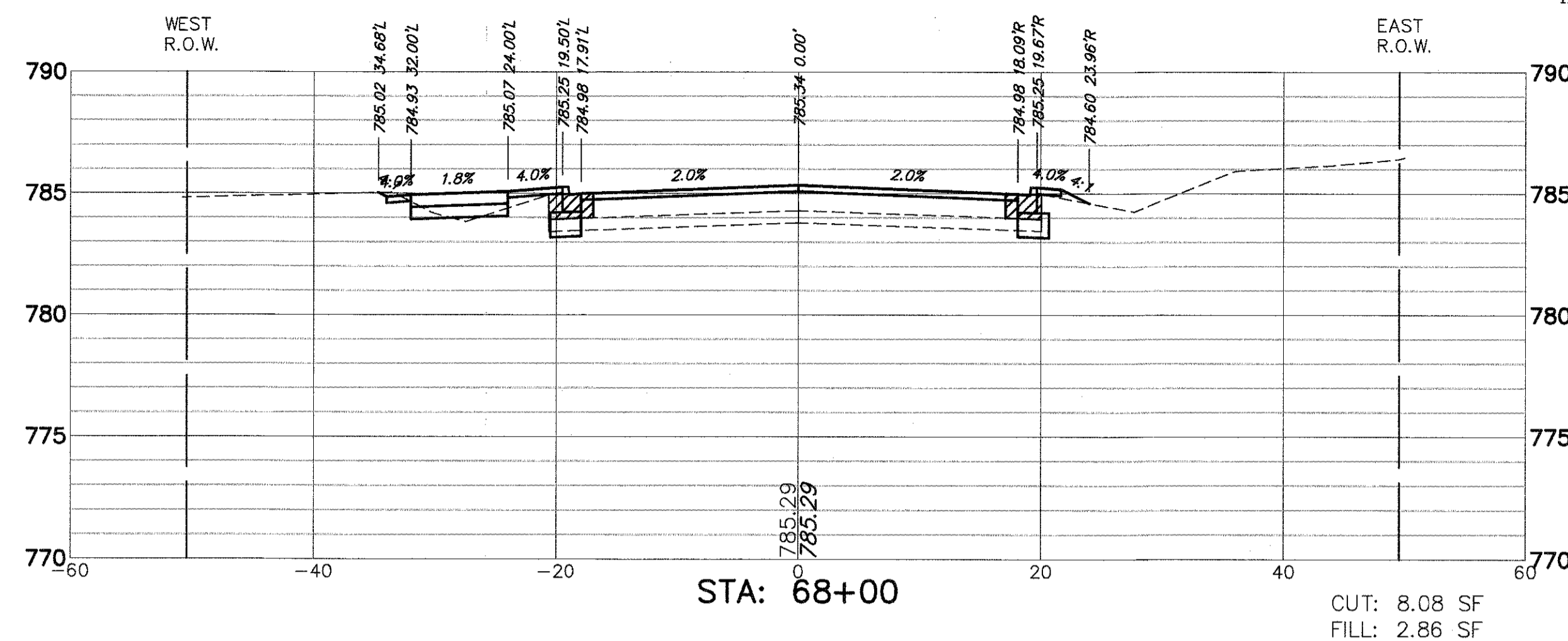
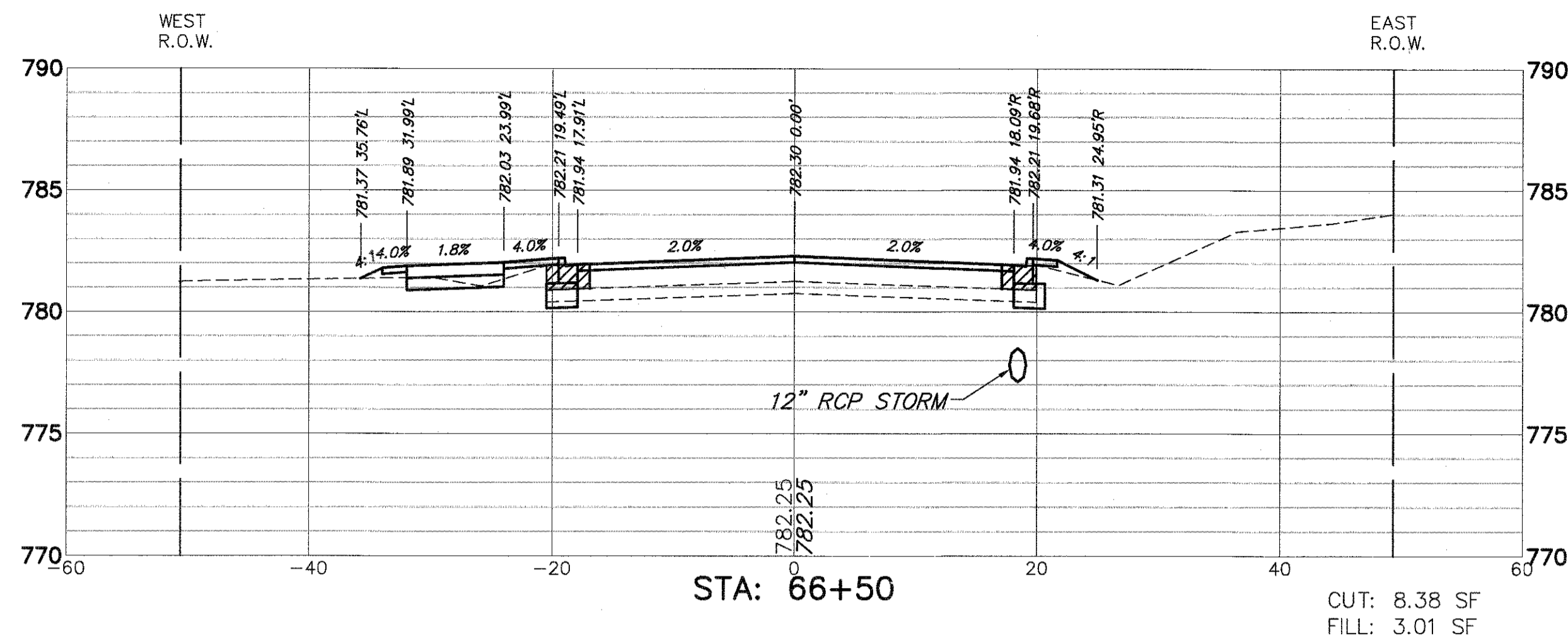
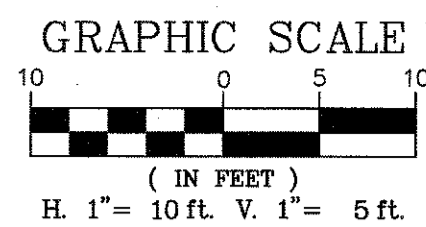
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LAKE STREET ROADWAY IMPROVEMENTS

SCALE: AS NOTED SHEET NO. - OF - SHEETS STA. - TO STA. -

| FAU. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 0195 | 15-00065-00-RS | LAKE | 80 | 73 |
| CONTRACT # | | | 61E14 | |
| ILLINOIS FED. AID PROJECT | | | | |



FILE NAME = 4990-400-pr3.dwg
PLOT SCALE = 1" = .0833'
PLOT DATE = 8/2/2017 12:47 PM

USER NAME = GEORGE WHITTEN
DRAWN - GW3
CHECKED - KLB
DATE -

DESIGNED - KLB
DRAWN - GW3
CHECKED - KLB
DATE -

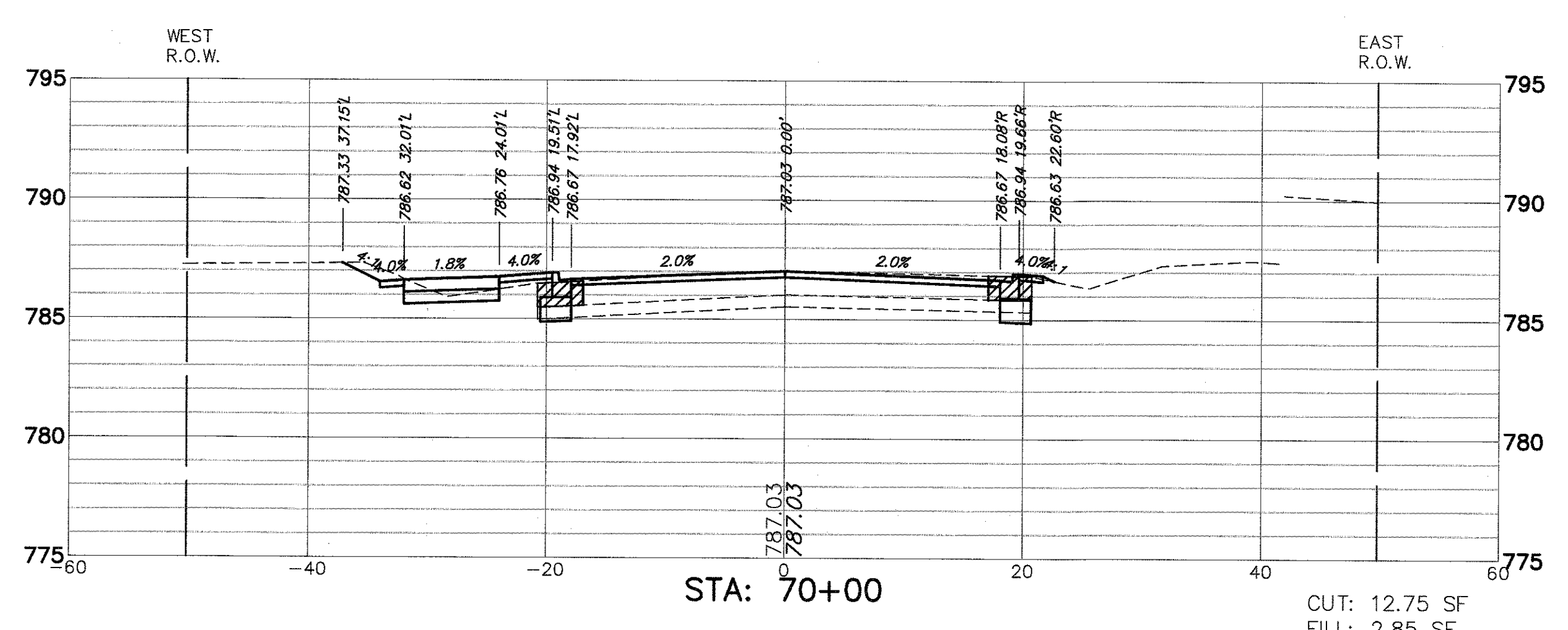
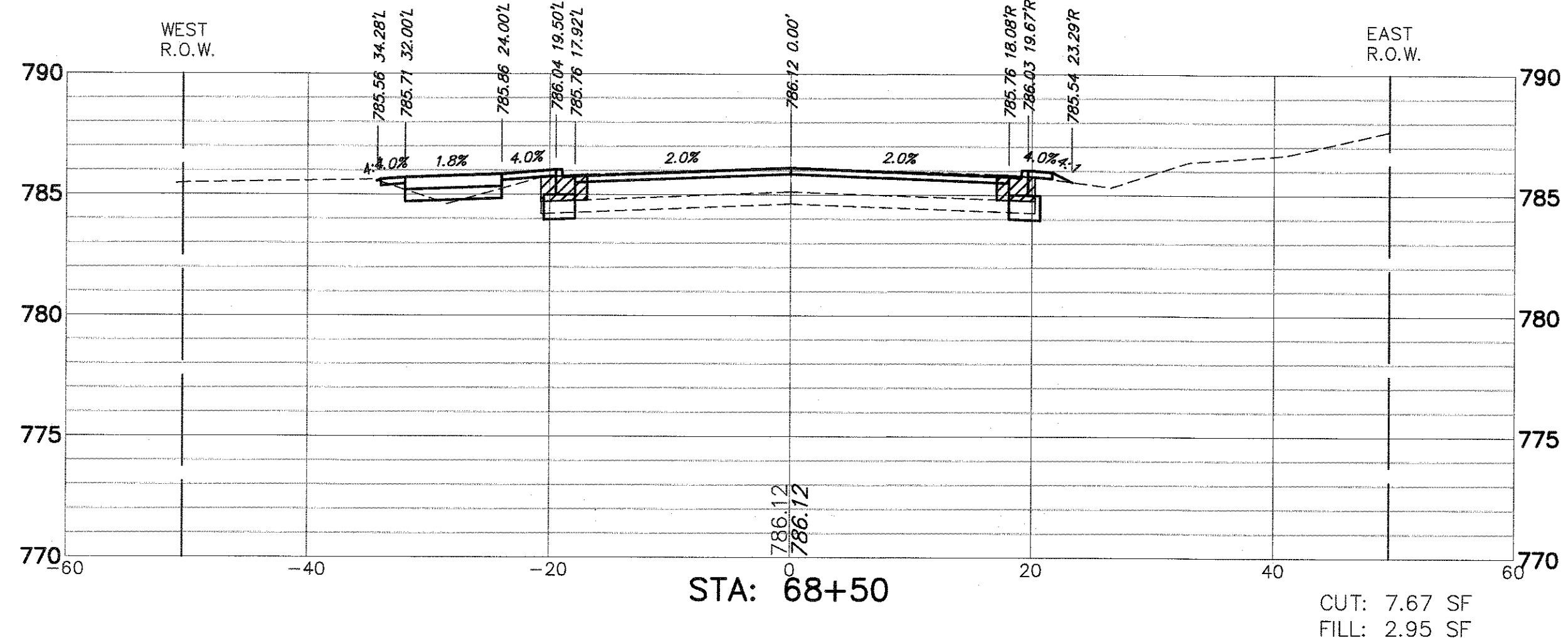
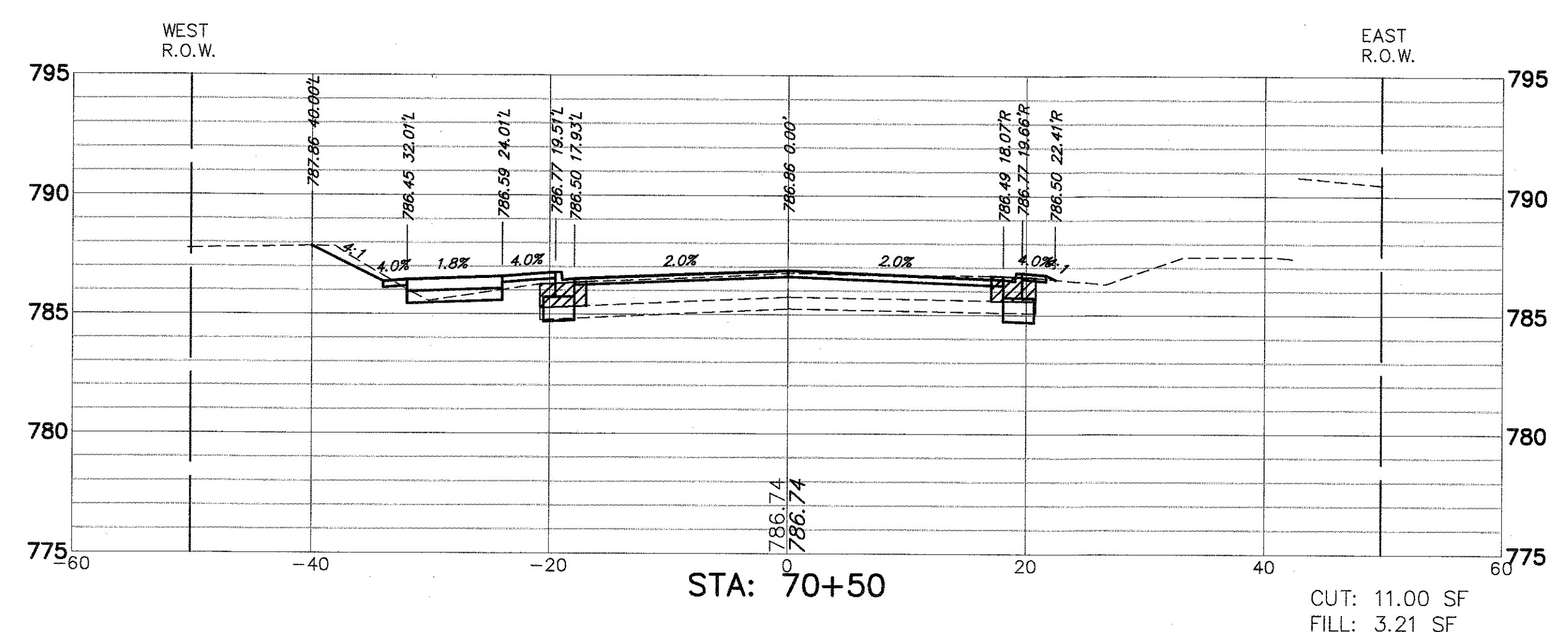
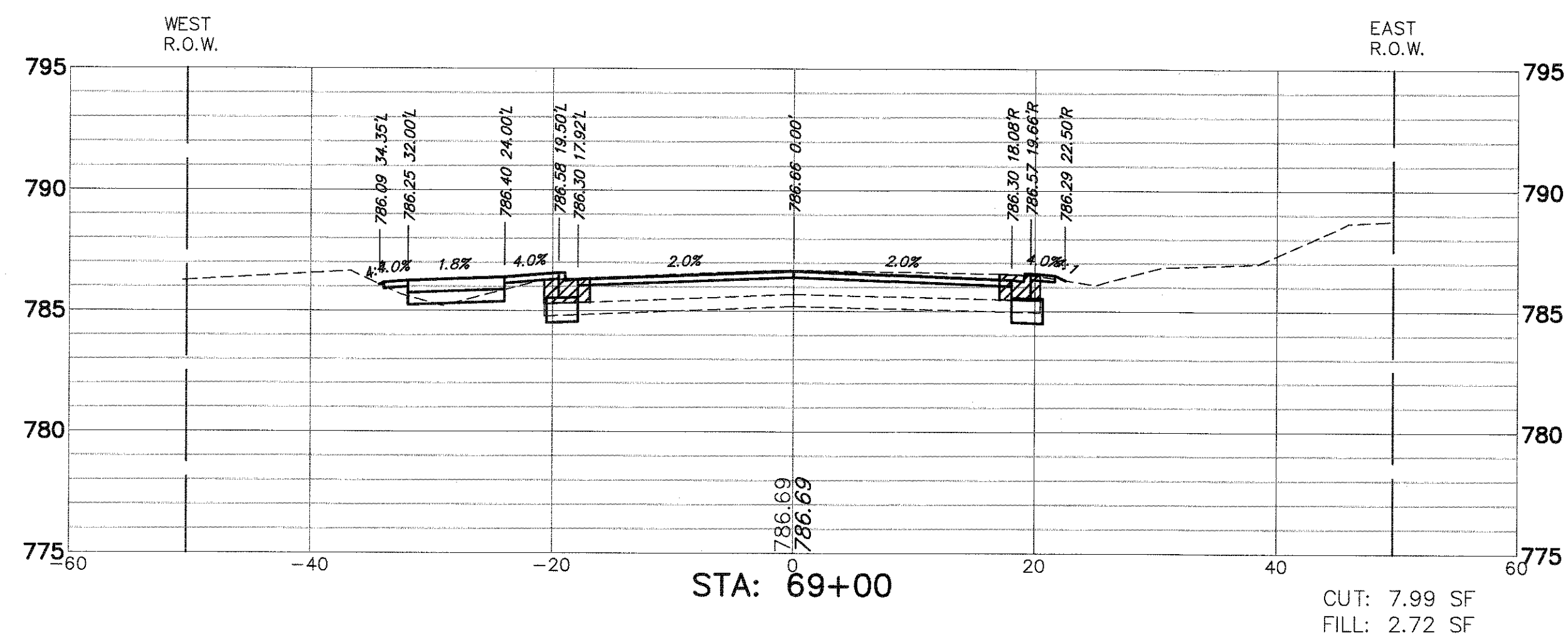
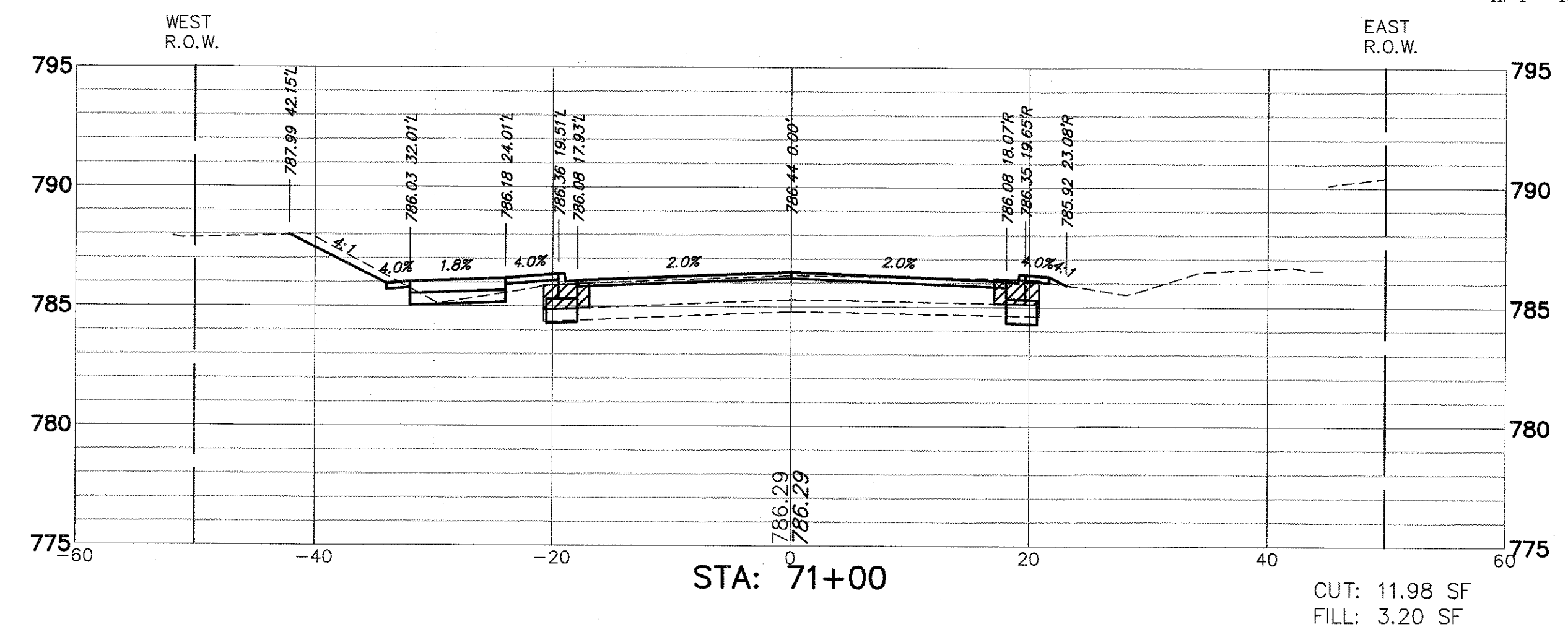
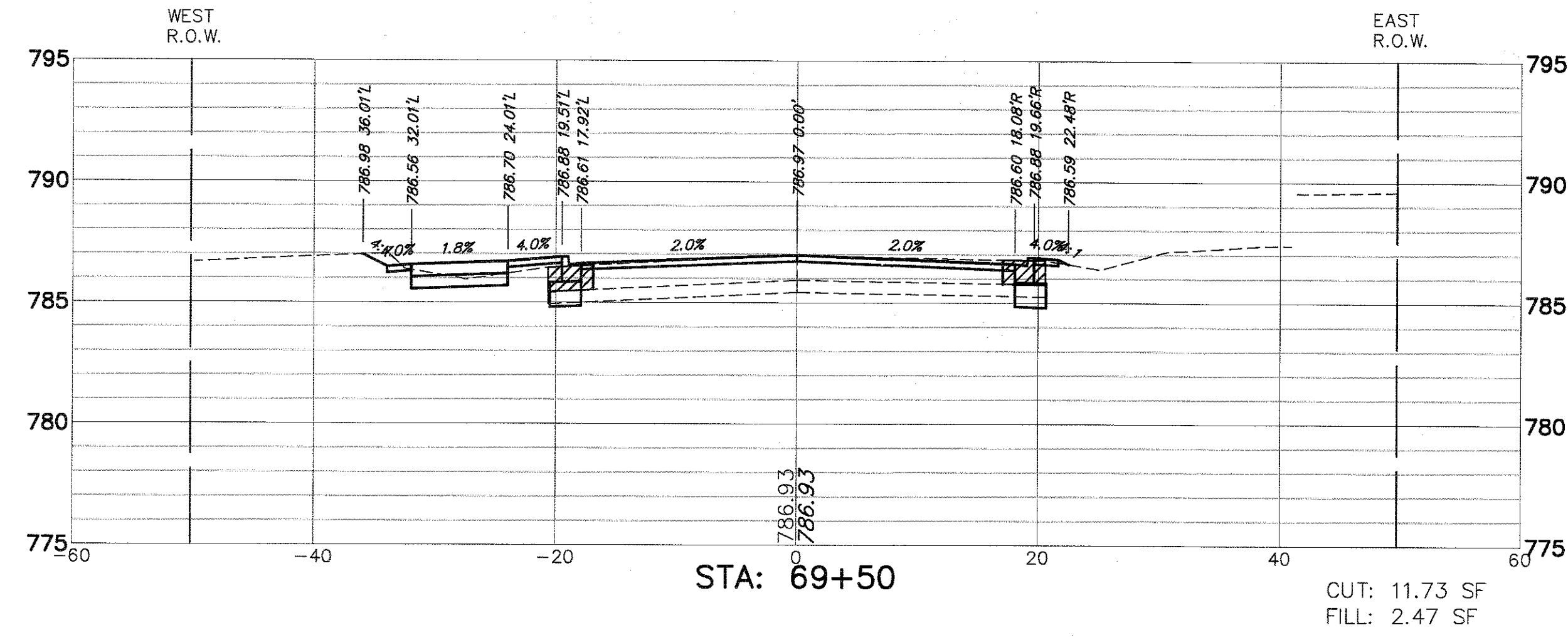
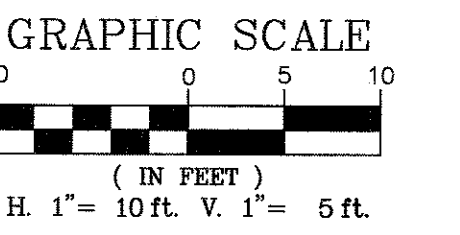
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

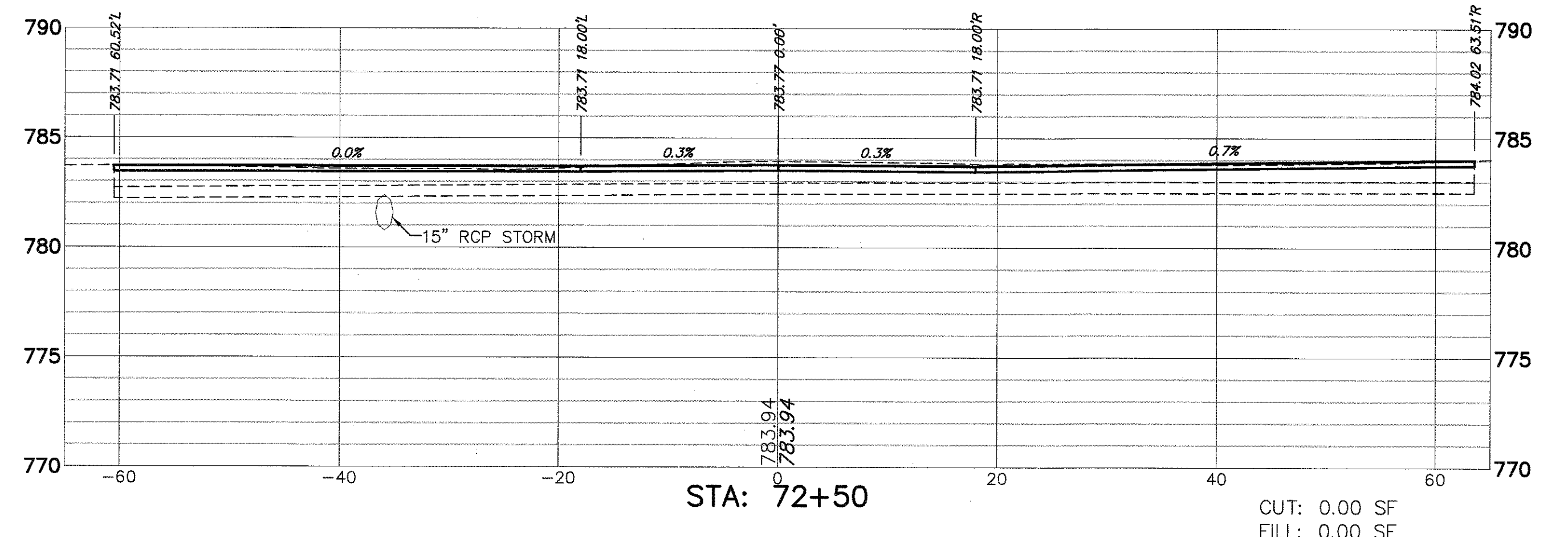
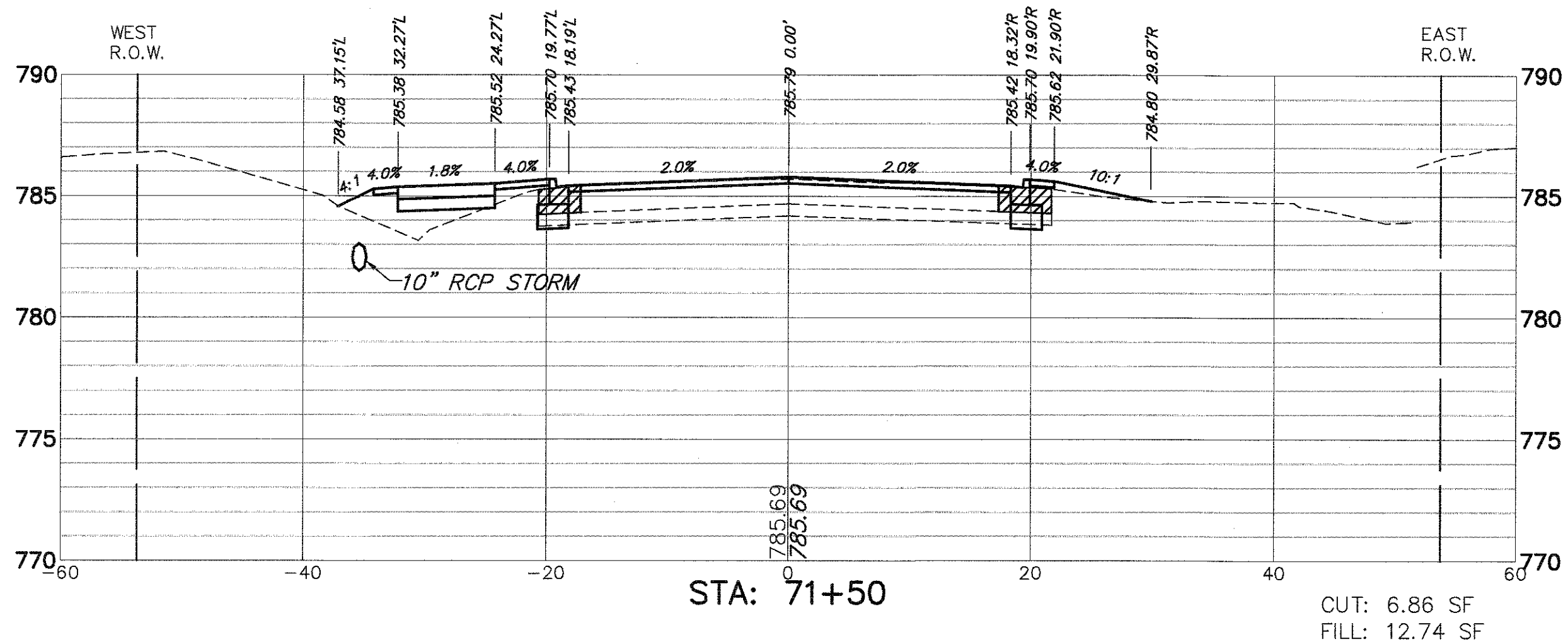
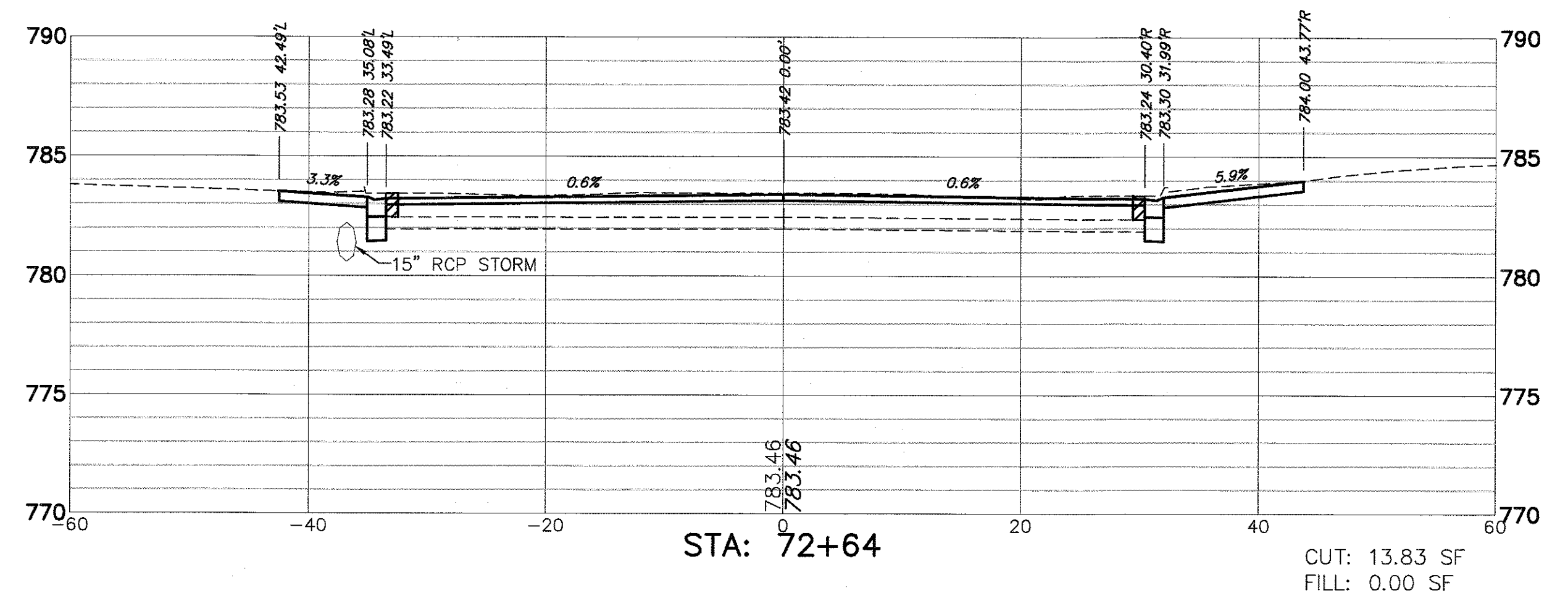
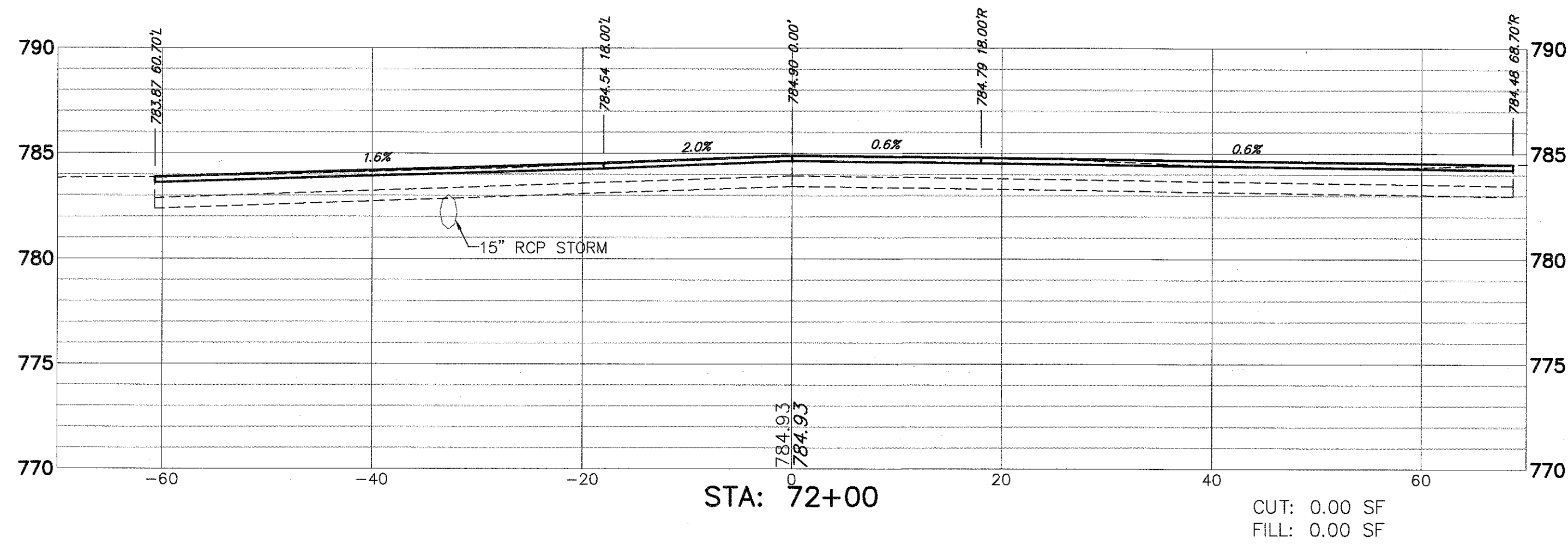
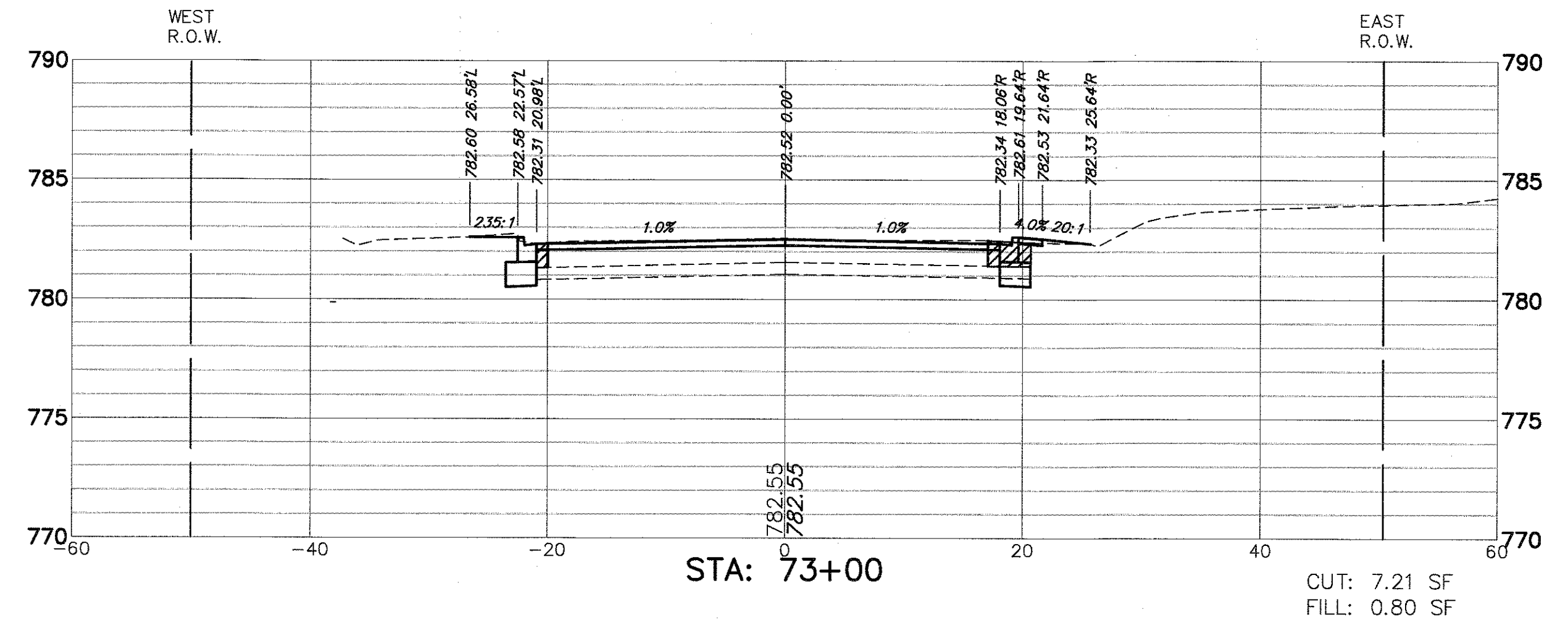
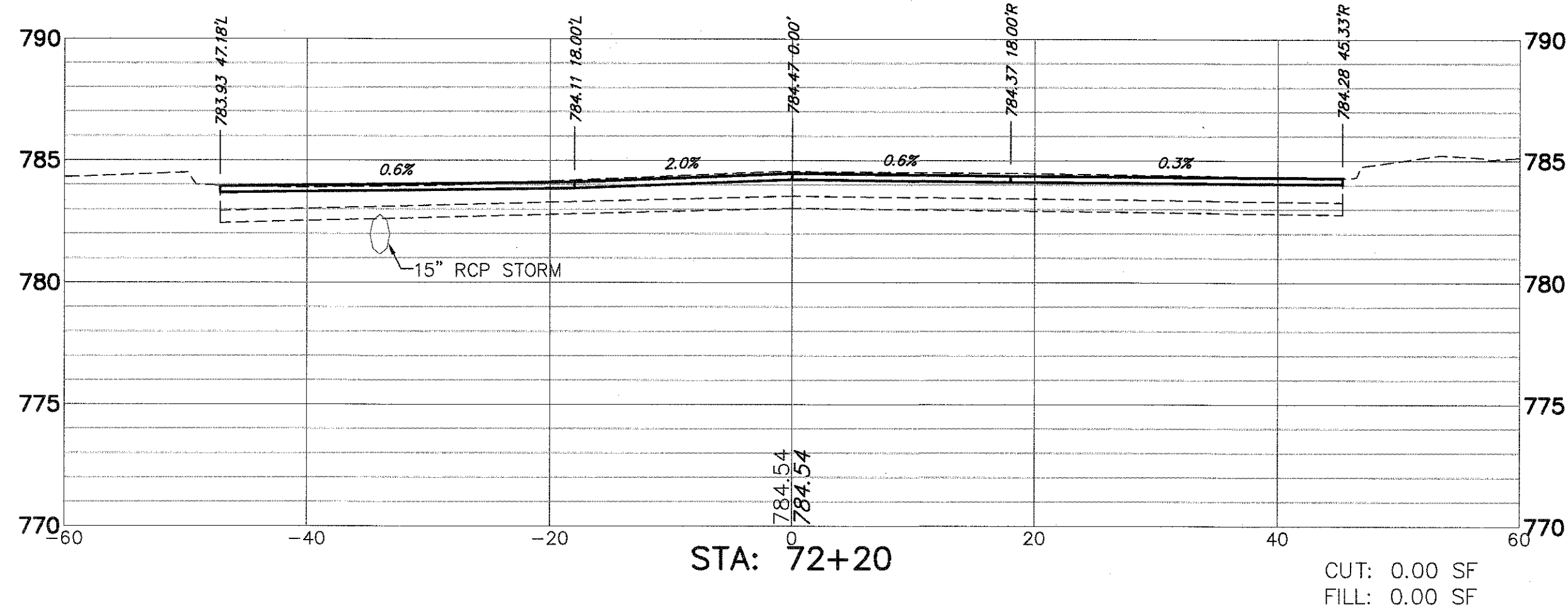
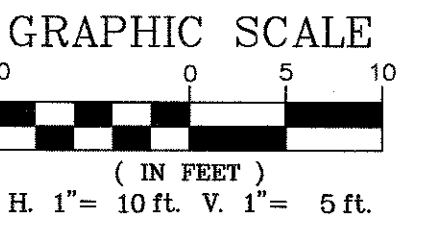
**CROSS SECTIONS
LAKE STREET ROADWAY IMPROVEMENTS**

SCALE AS NOTED SHEET NO. - OF - SHEETS STA. - TO STA. -

| FAU RTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 0195 | 15-00065-00-RS | LAKE | 80 | 74 |
| CONTRACT #: | | | 61E14 | |
| ILLINOIS FED. AID PROJECT | | | | |



| | | | | | | | | | | | | |
|-------------------------------|----------------------------|----------------|-----------|---|--|-------------------------|------------------|------------------------|-------------|---------------------------|--------------|--|
| FILE NAME = 4990-400-pr3.dwg | USER NAME = GEORGE WHITTEN | DESIGNED - KLB | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | CROSS SECTIONS LAKE STREET ROADWAY IMPROVEMENTS | | FAU. RTE. 0195 | SECTION 15-00065-00-RS | COUNTY LAKE | TOTAL SHEETS 80 | SHEET NO. 75 | |
| PLOT SCALE = 1" = .0833' | CHECKED - KLB | DATE - | REVISED - | | SCALE AS NOTED | SHEET NO. - OF - SHEETS | STA. - TO STA. - | CONTRACT # 61E14 | | ILLINOIS FED. AID PROJECT | | |
| PLOT DATE = 8/2/2017 12:47 PM | DATE - | REVISED - | REVISED - | | | | | | | | | |
| | | | | | | | | | | | | |



FILE NAME = 4990-400-pr3.dwg

USER NAME = GEORGE WHITTEN

DESIGNED - KLB

REVISED -

DRAWN - CW3

REVISED -

CHECKED - KLB

REVISED -

DATE -

REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 LAKE STREET ROADWAY IMPROVEMENTS

SCALE AS NOTED

SHEET NO. - OF - SHEETS

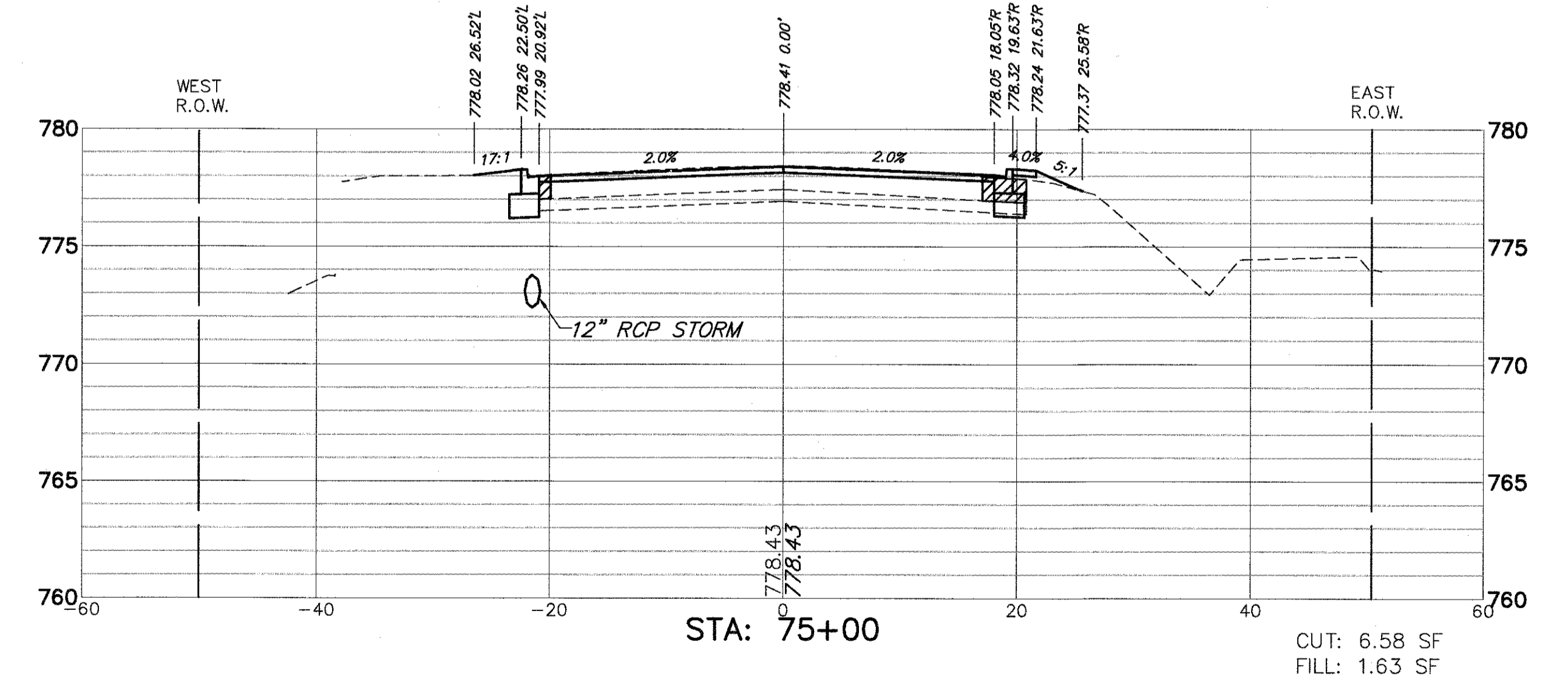
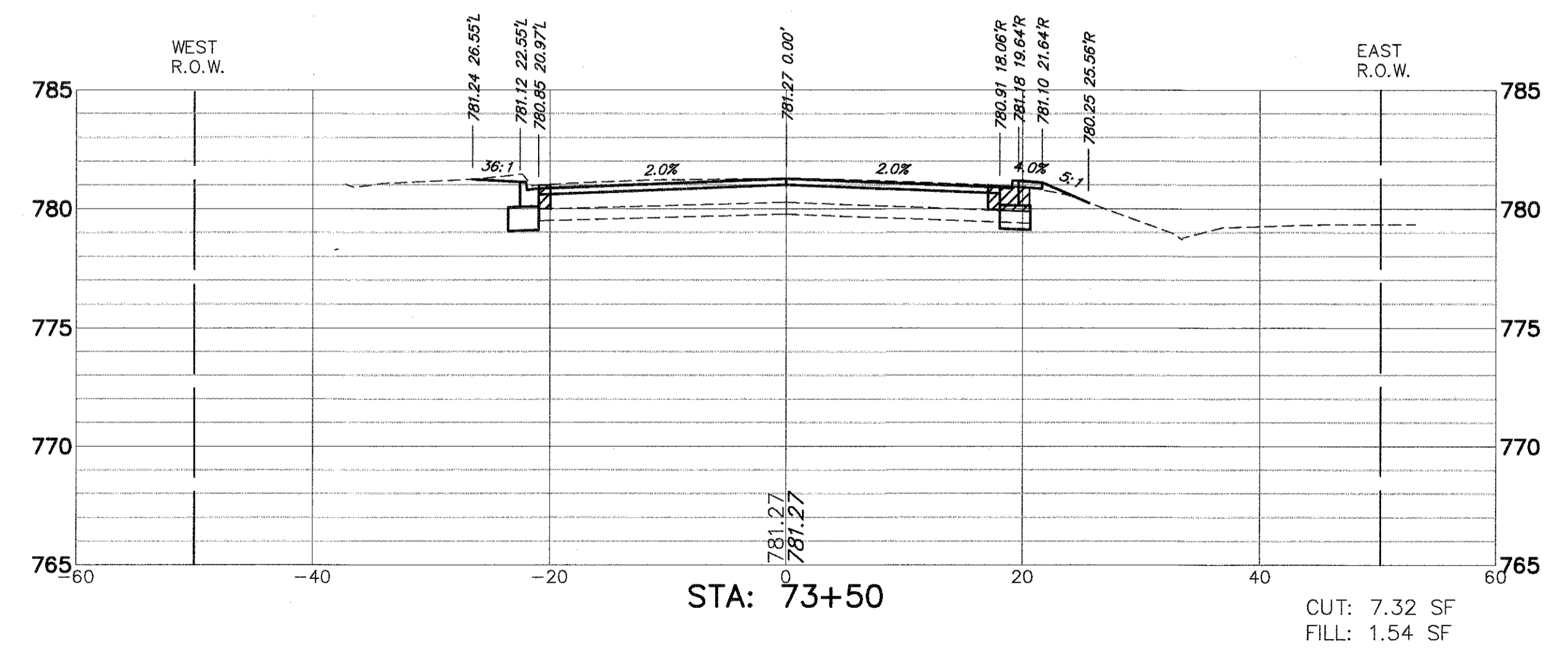
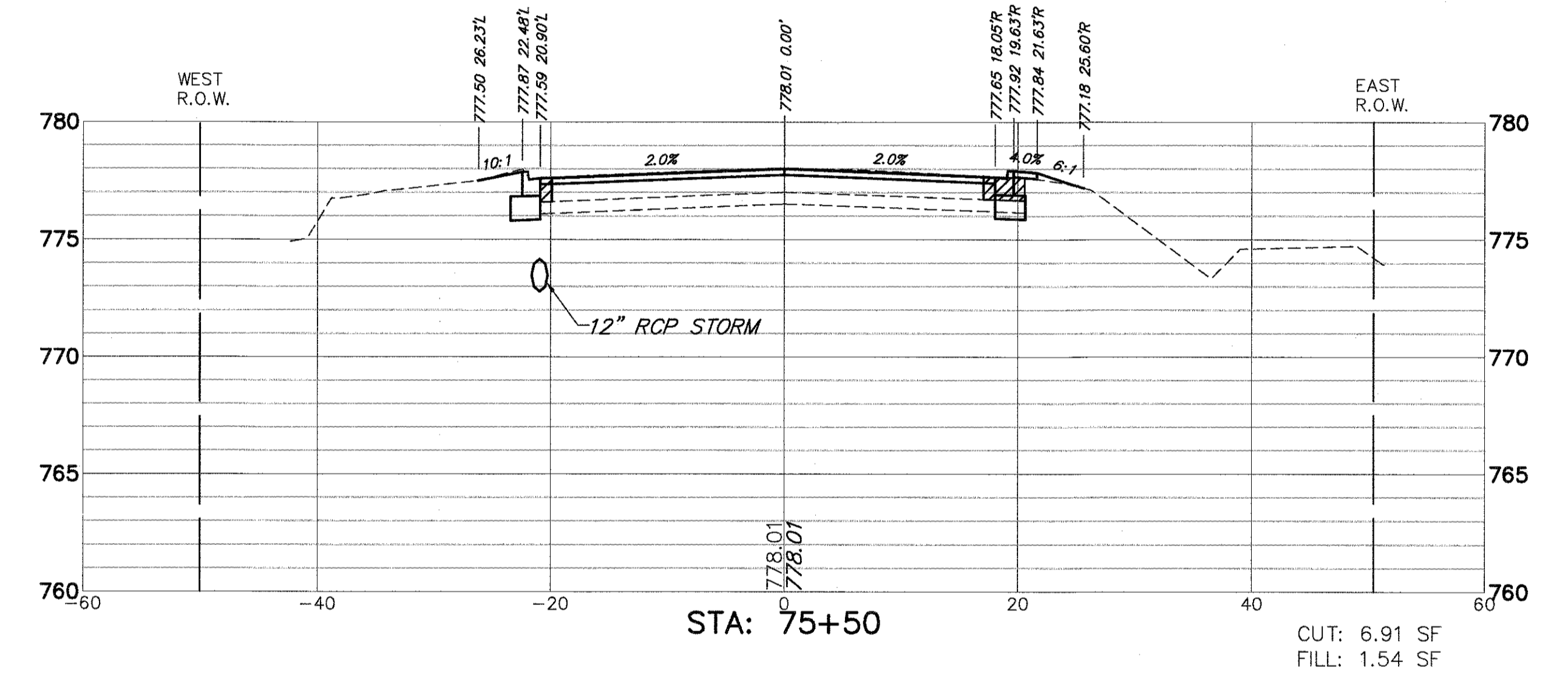
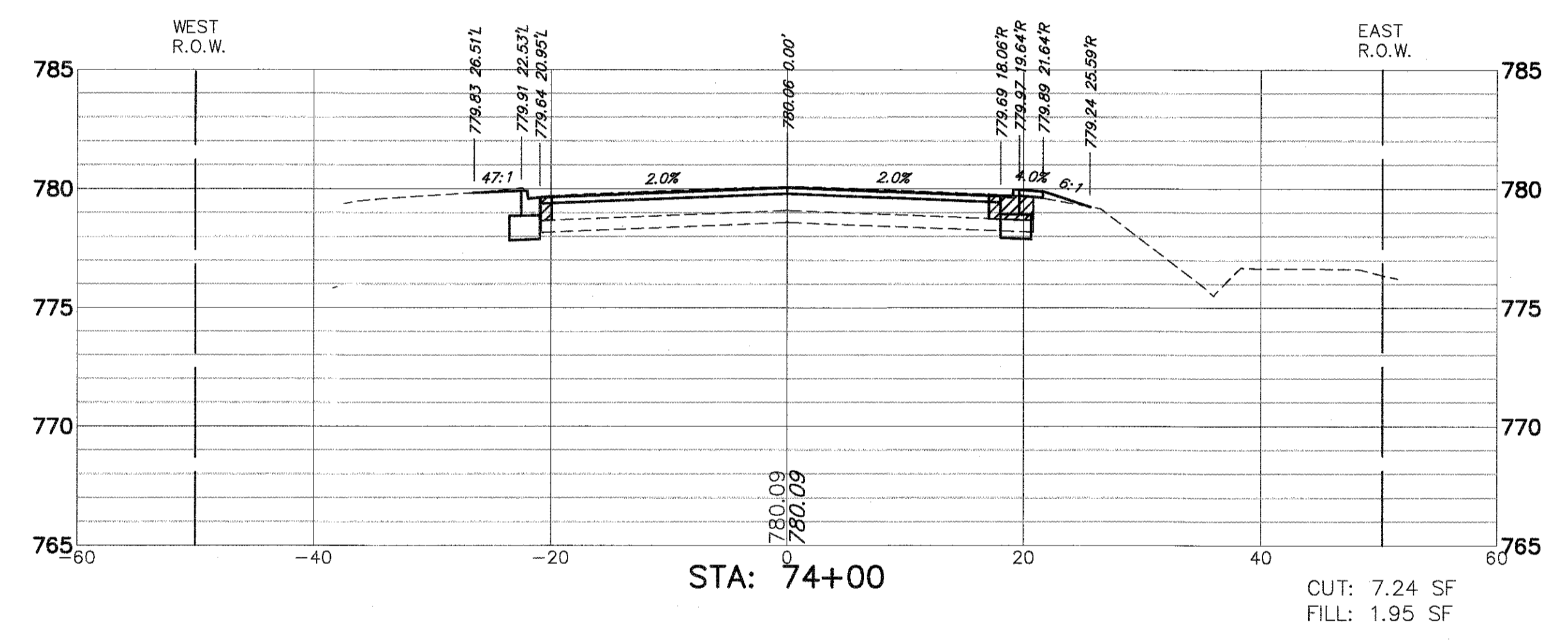
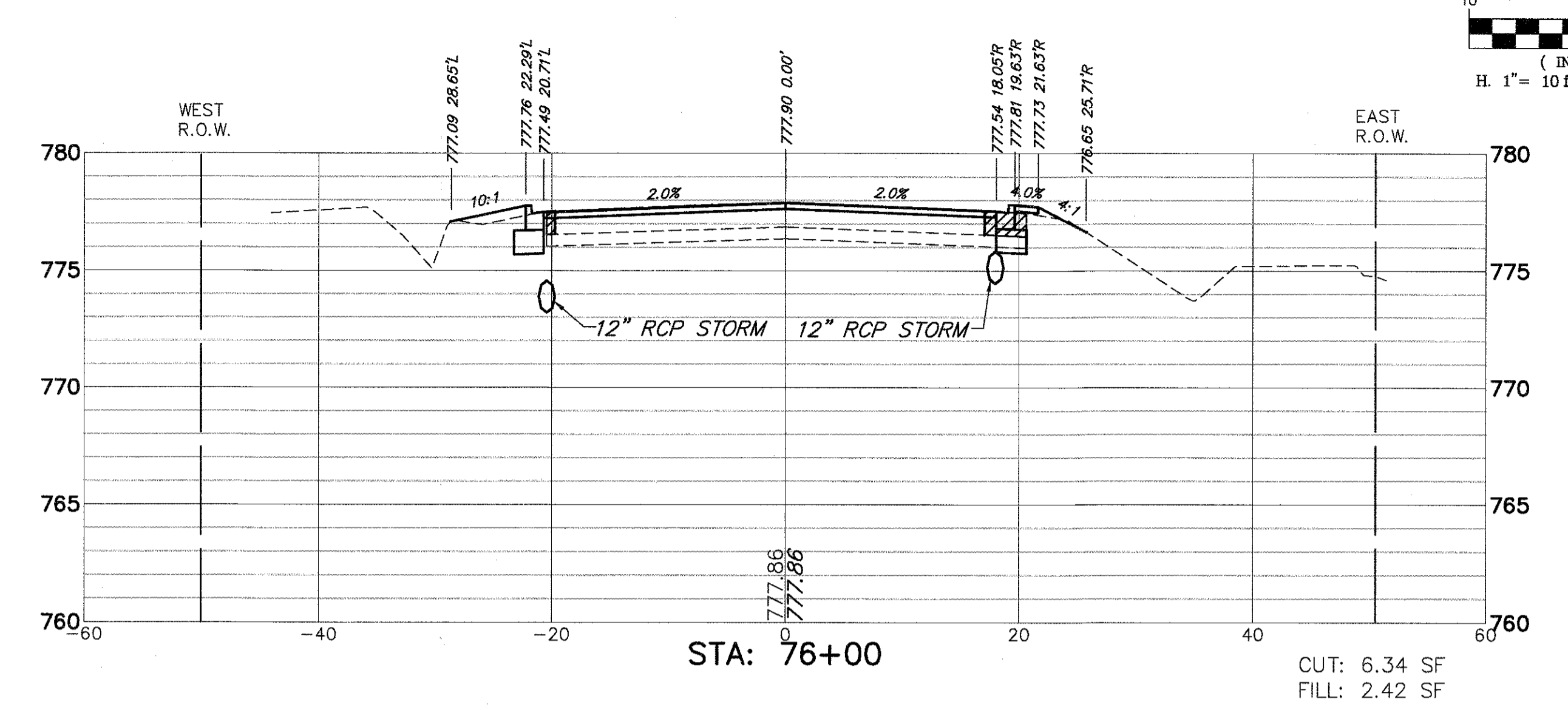
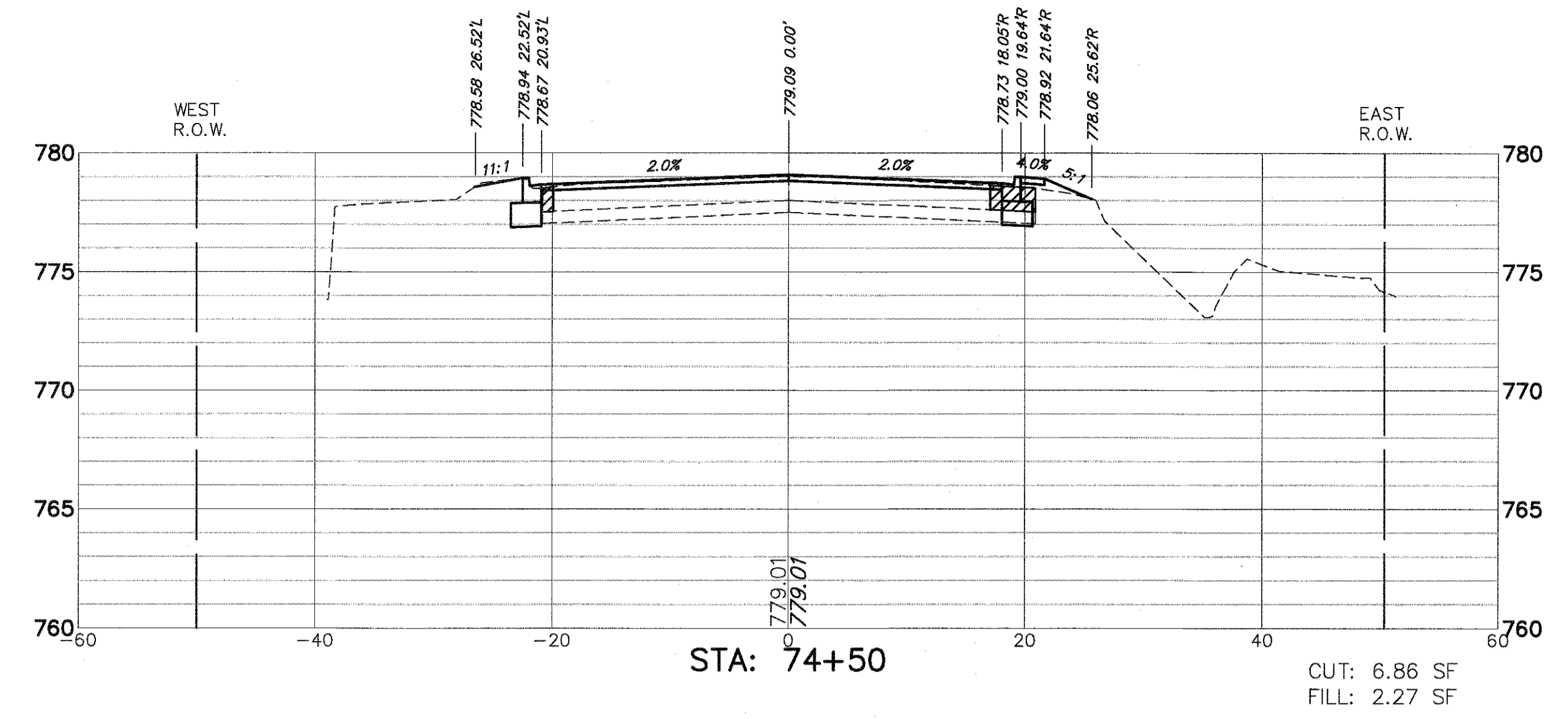
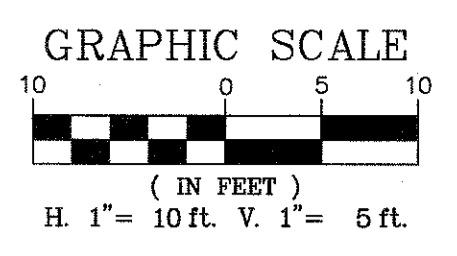
STA - TO STA -

FAU. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.

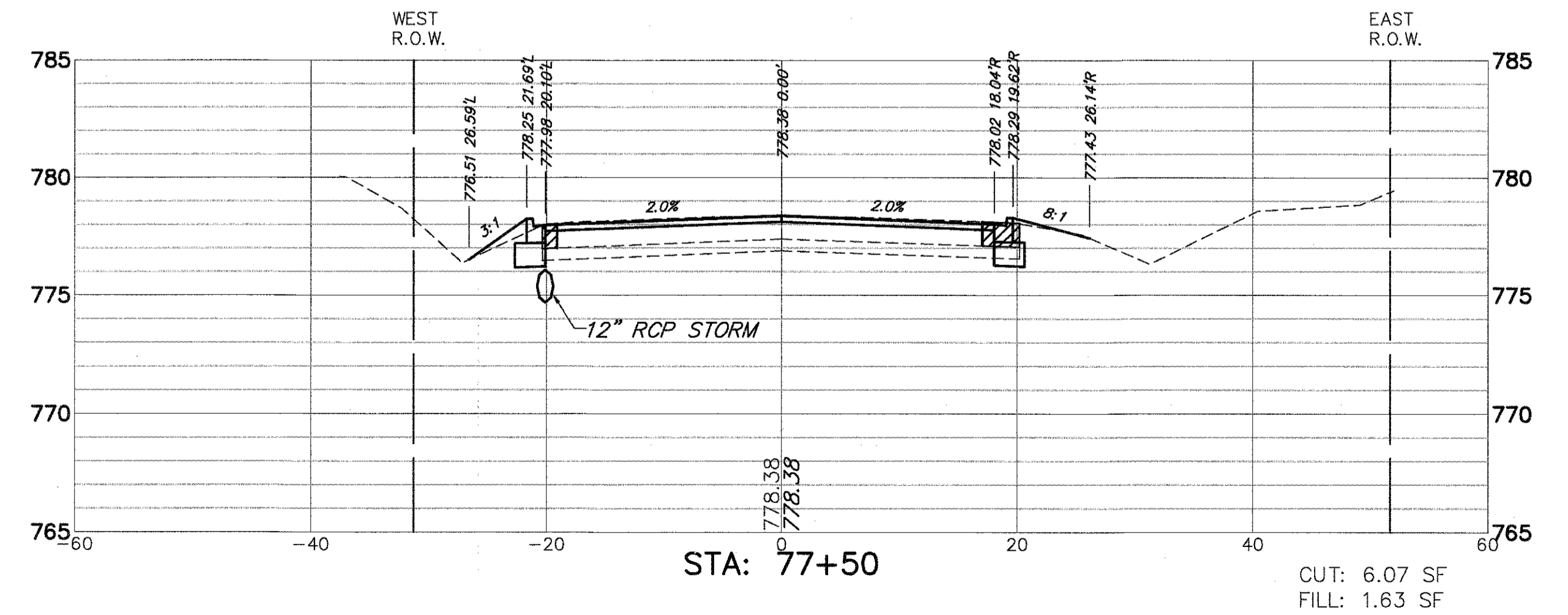
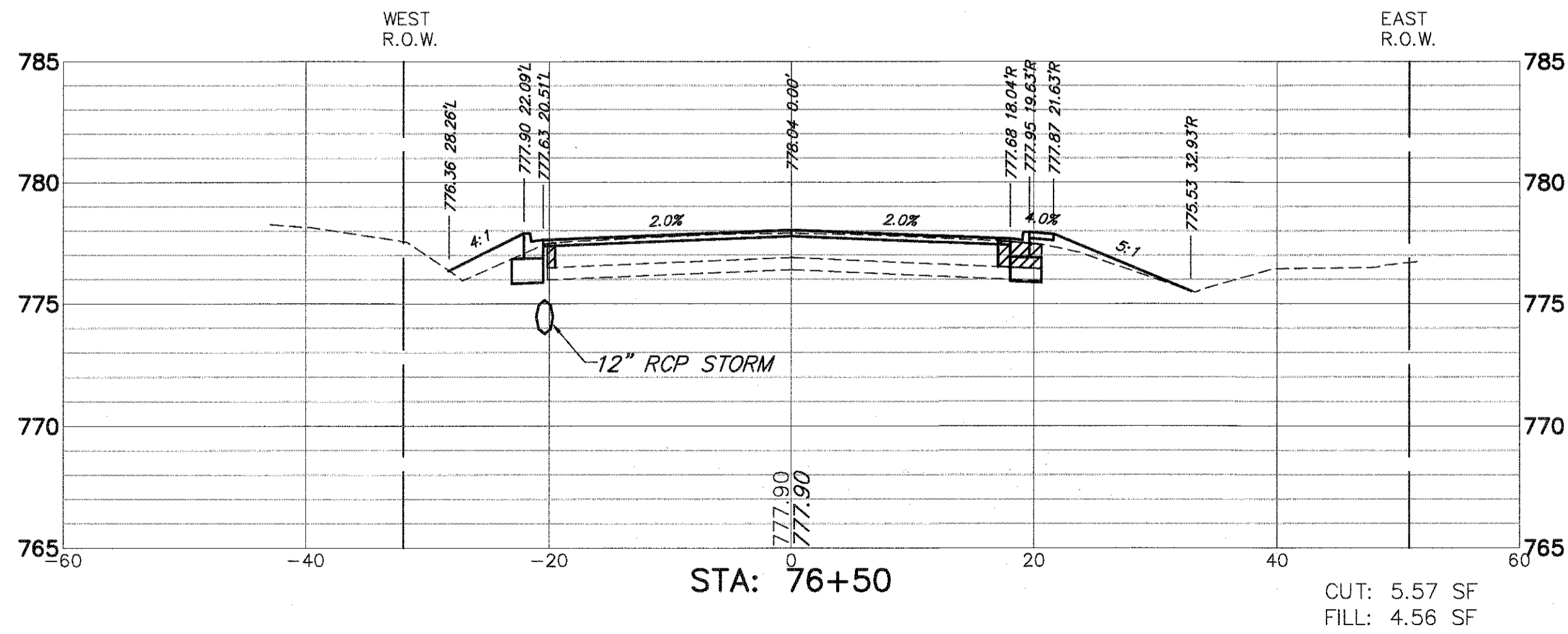
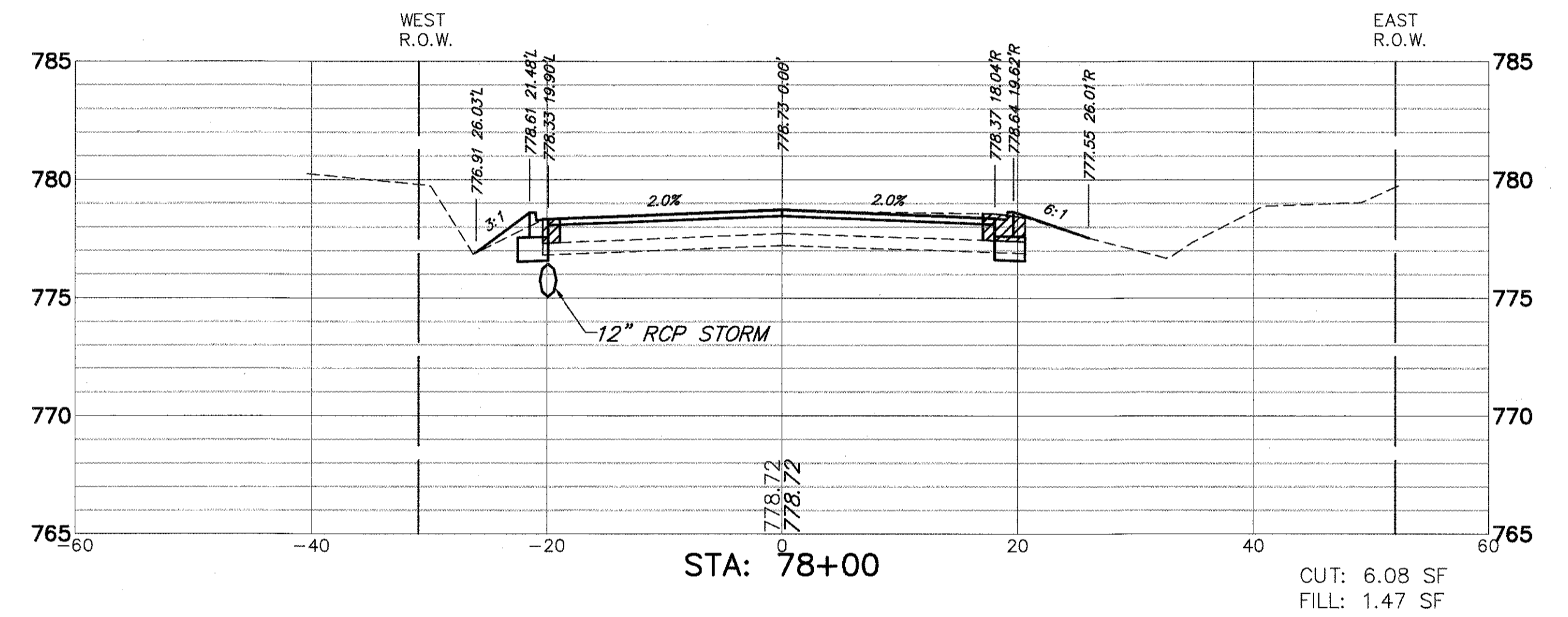
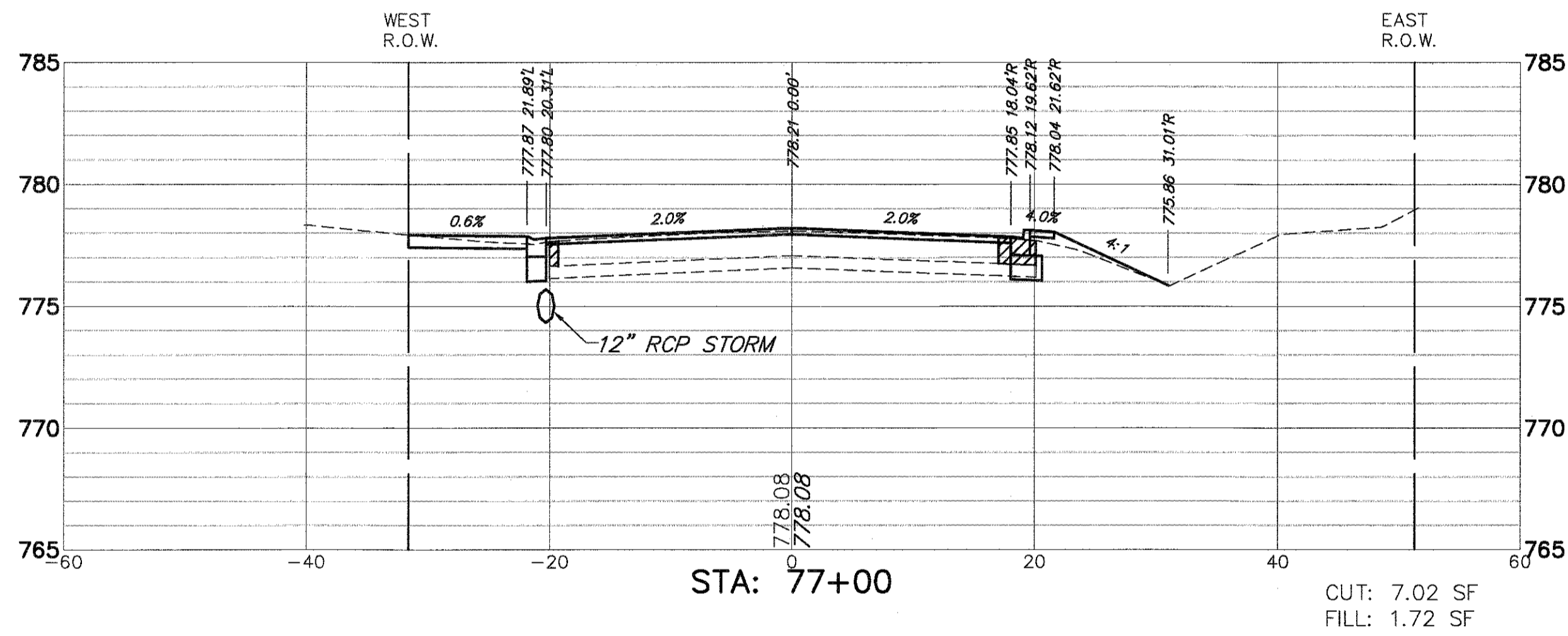
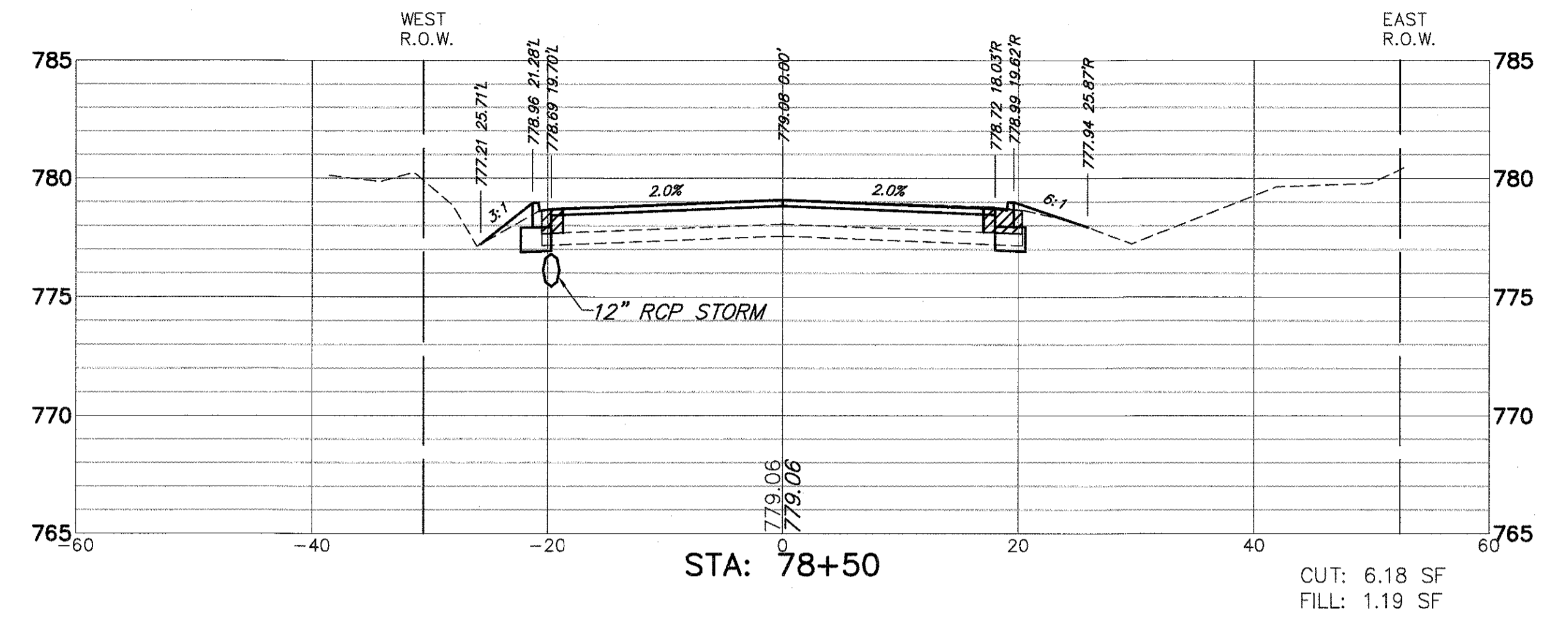
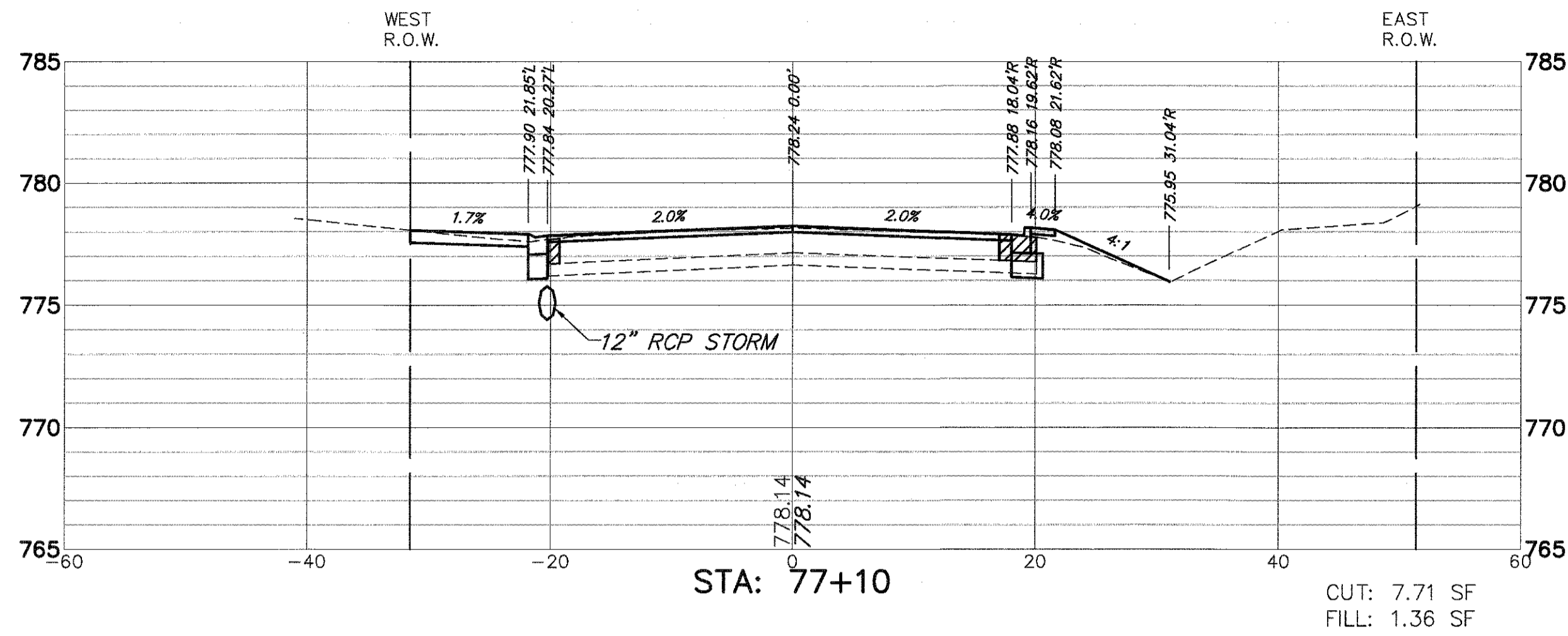
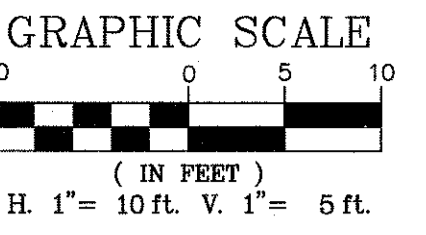
0195 15-00065-00-RS LAKE 80 76

CONTRACT # 61E14

ILLINOIS FED. AID PROJECT



| | | | | | | | | | | | |
|------------------------------|-------------------------------|----------------|-----------|---|--|-------------------------|------------------|------------------------|-------------|---------------------------|--------------|
| FILE NAME = 4990-400-pr3.dwg | USER NAME = GEORGE WHITTEN | DESIGNED - KLB | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | CROSS SECTIONS LAKE STREET ROADWAY IMPROVEMENTS | | FAU RTE 0195 | SECTION 15-00065-00-RS | COUNTY LAKE | TOTAL SHEETS 80 | SHEET NO. 77 |
| | PLOT SCALE = 1" = .0833' | DRAWN - GW3 | REVISED - | | SCALE AS NOTED | SHEET NO. - OF - SHEETS | STA. - TO STA. - | CONTRACT #: | | ILLINOIS FED. AID PROJECT | 61E14 |
| | PLOT DATE = 8/2/2017 12:46 PM | CHECKED - KLB | REVISED - | | | | | | | | |
| | | DATE - | REVISED - | | | | | | | | |



FILE NAME = 4990-400-pr3.dwg

USER NAME = GEORGE WHITTEN

DESIGNED - KLB
 DRAWN - CW3
 CHECKED - KLB
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

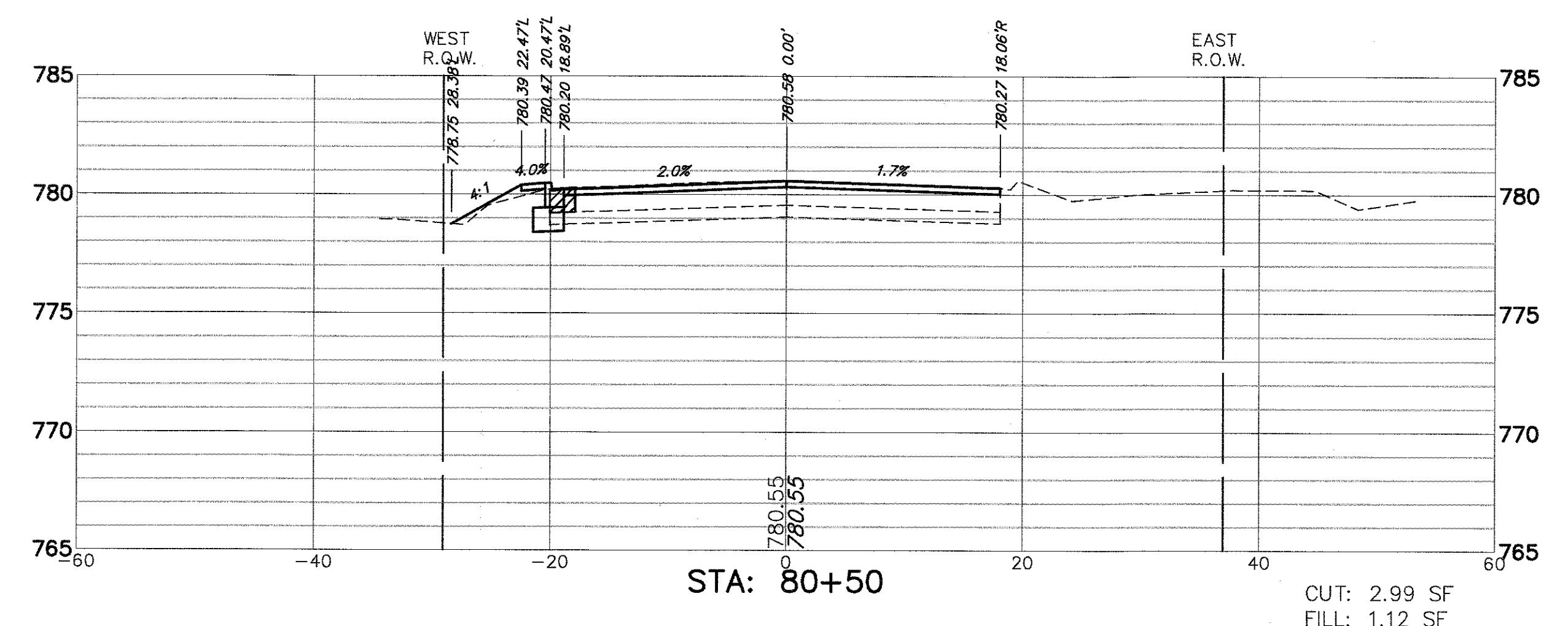
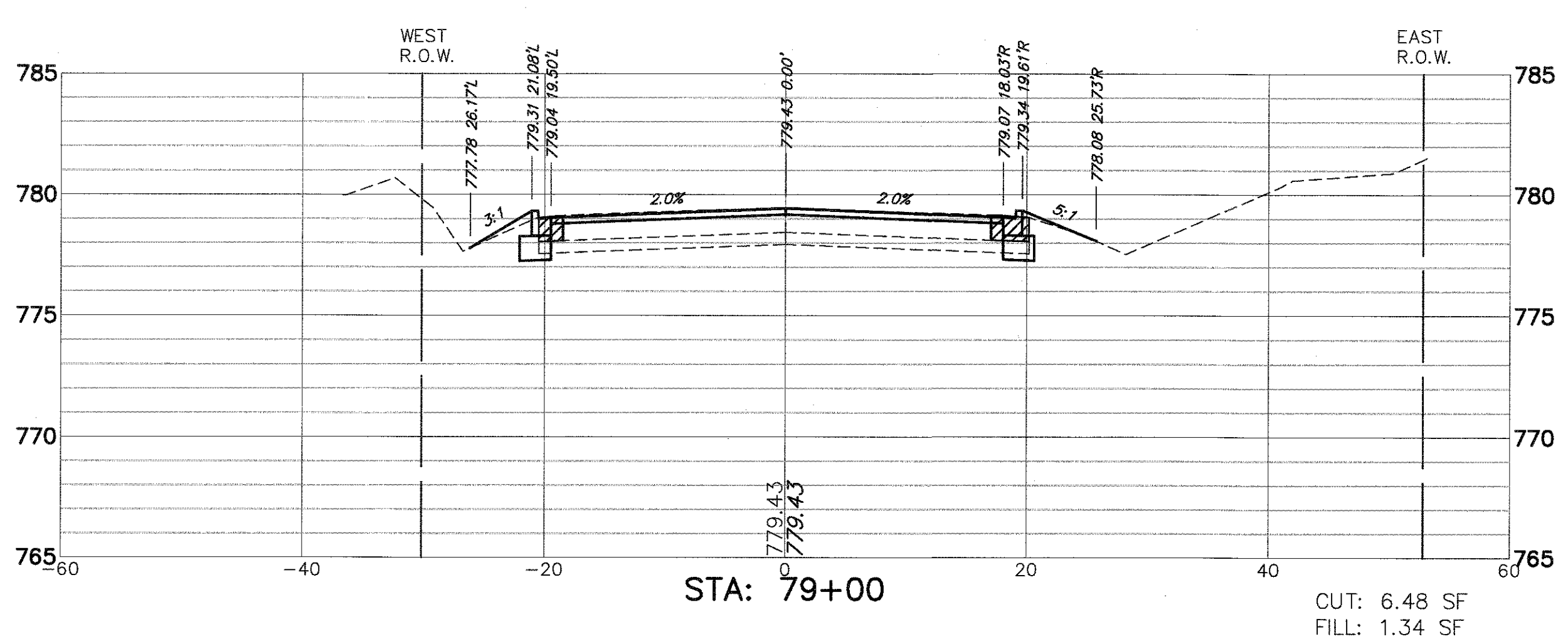
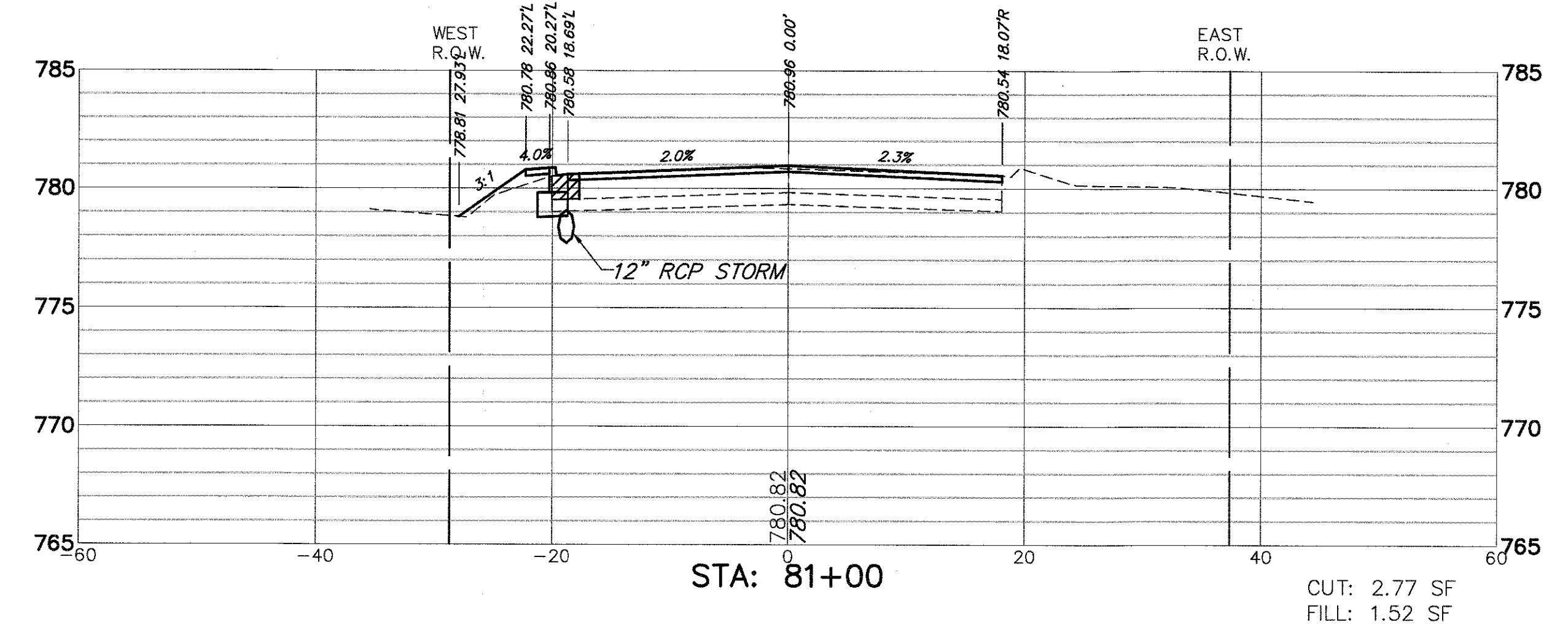
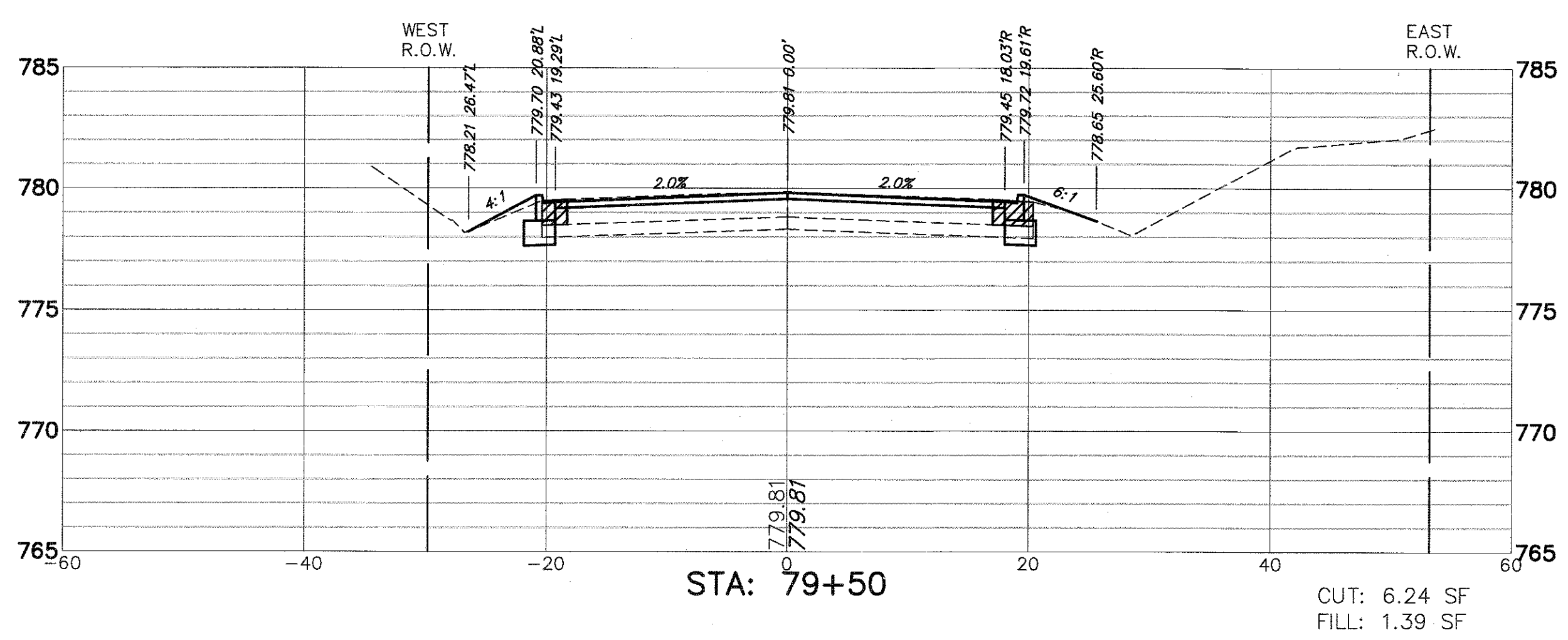
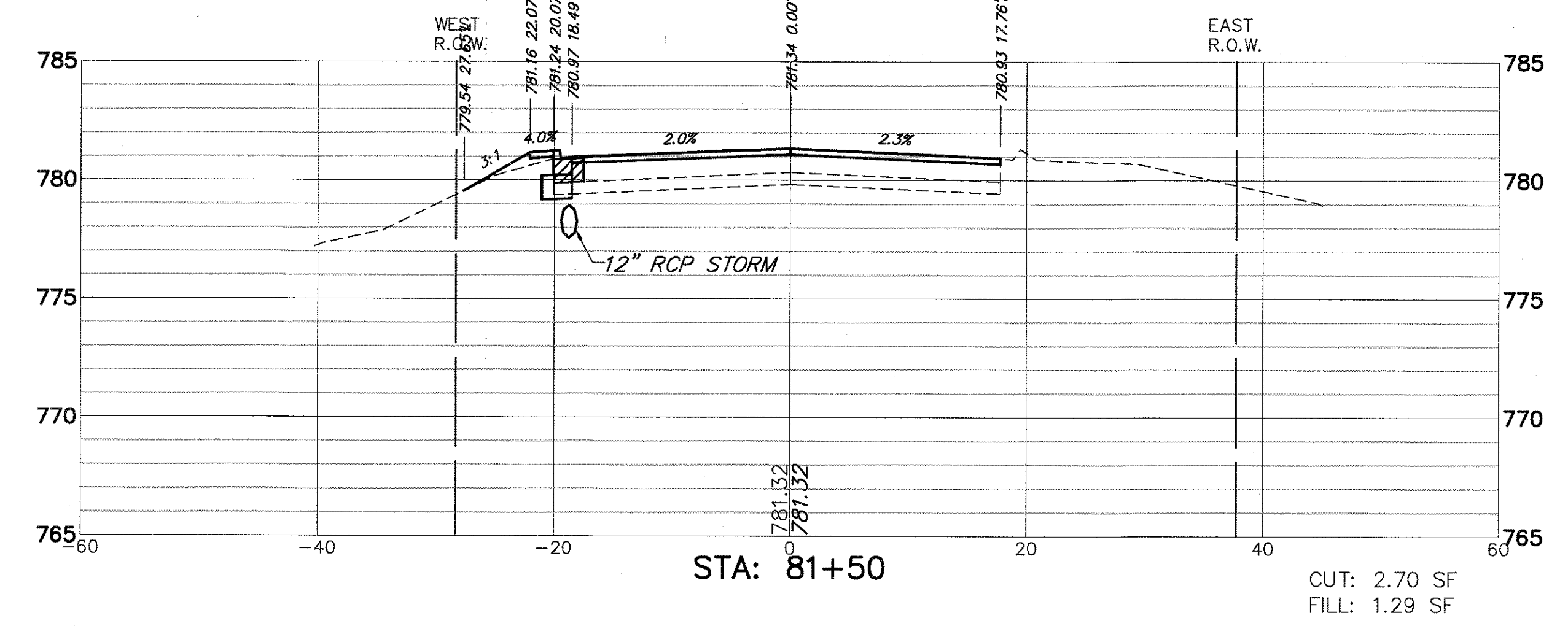
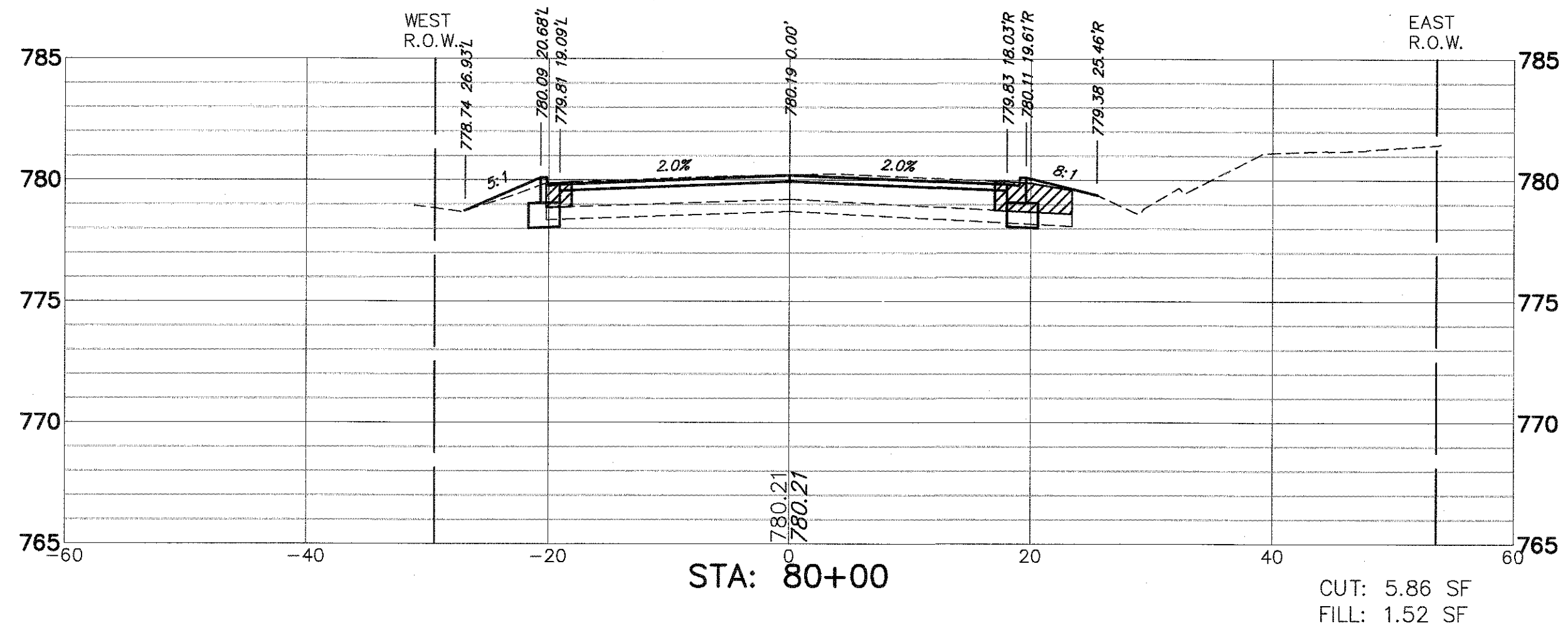
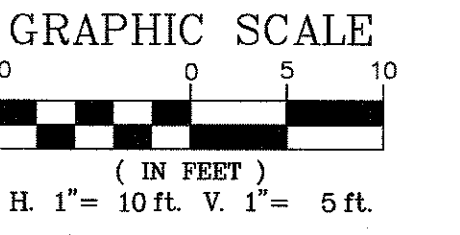
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 LAKE STREET ROADWAY IMPROVEMENTS

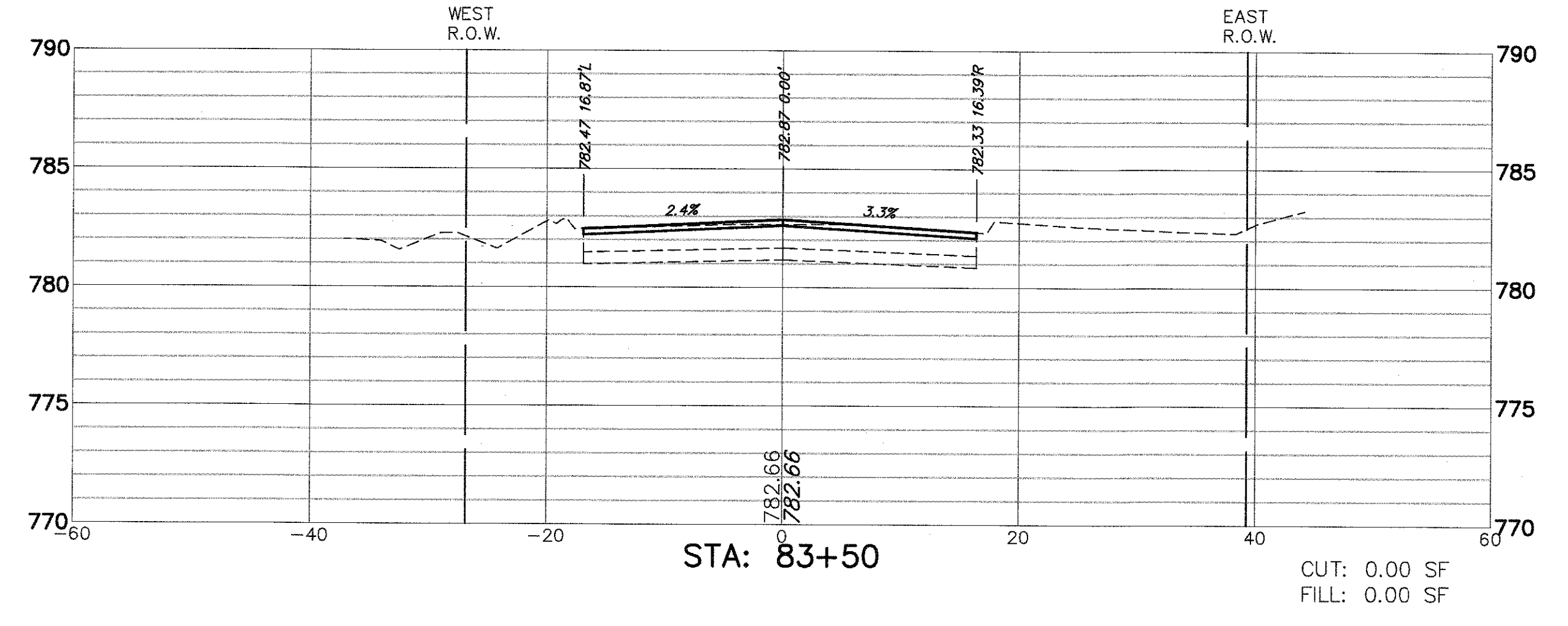
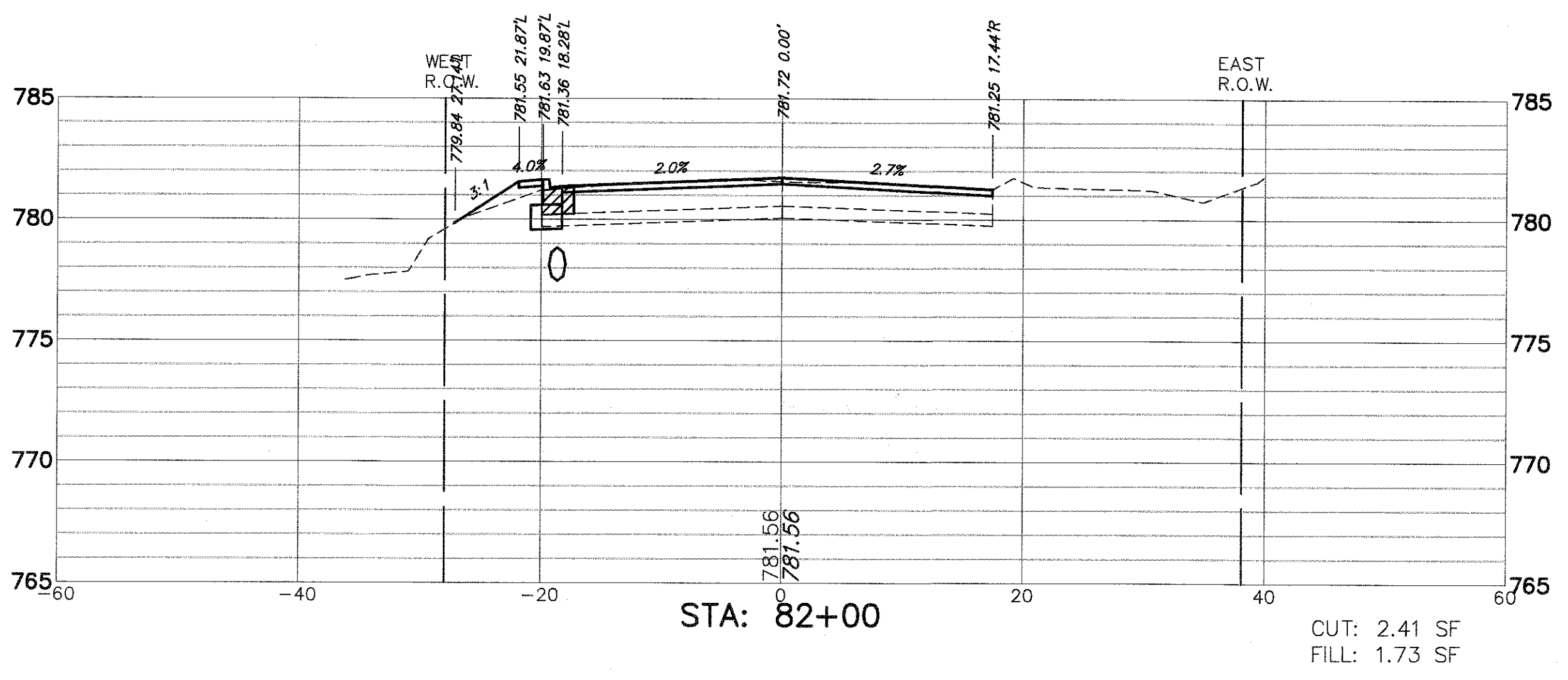
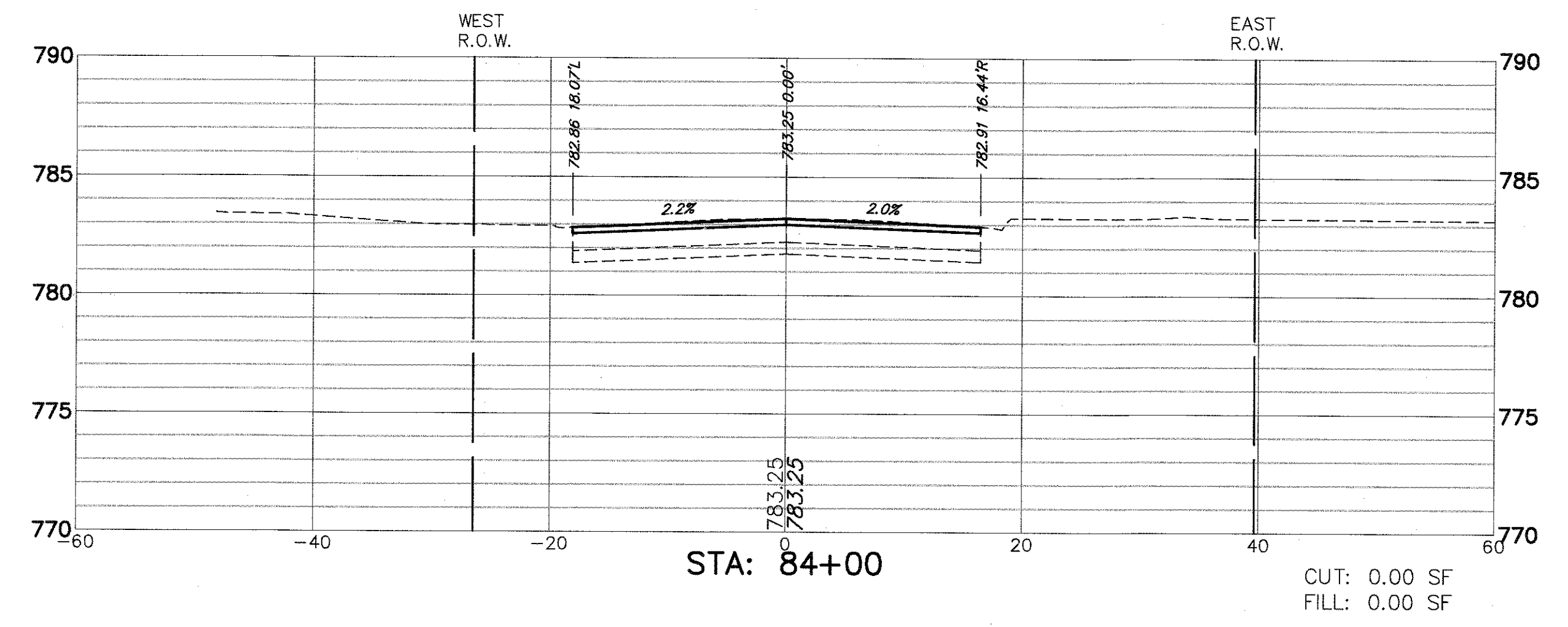
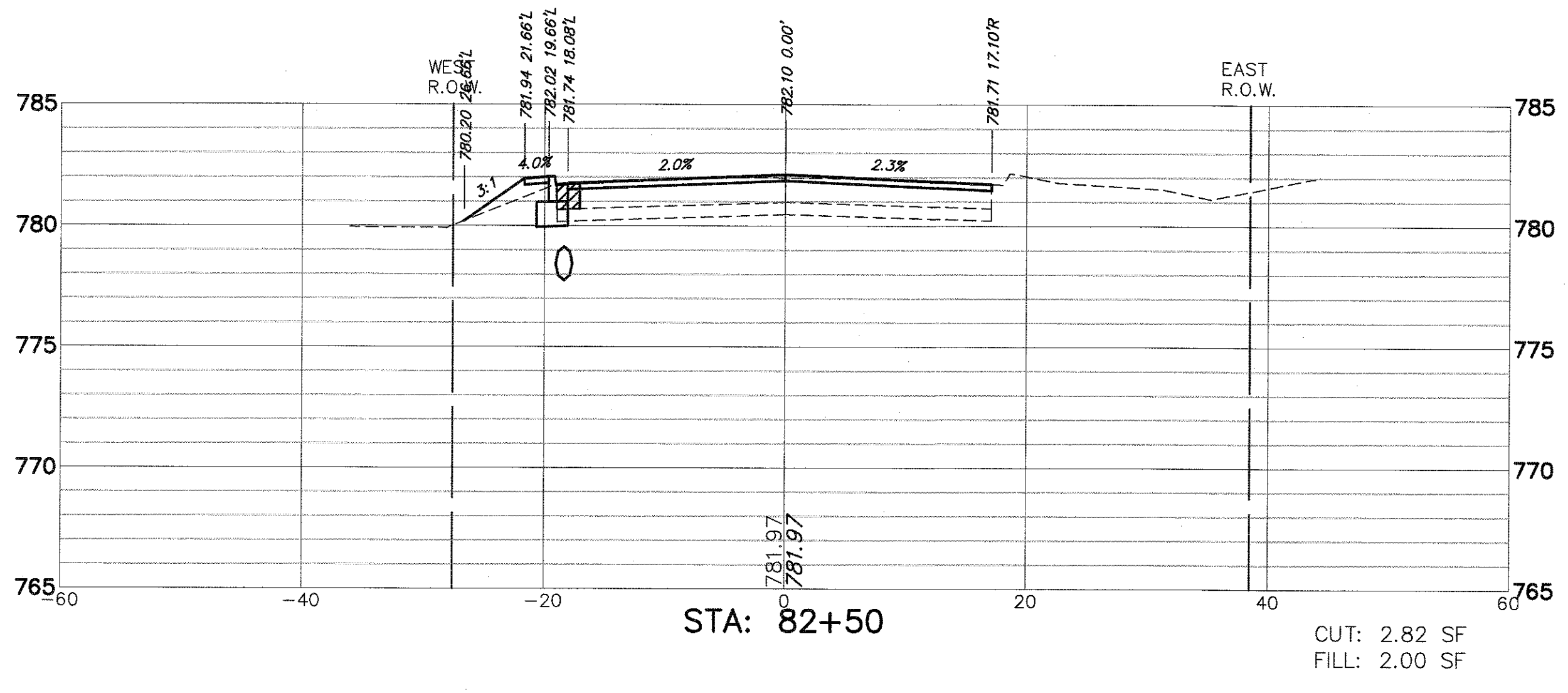
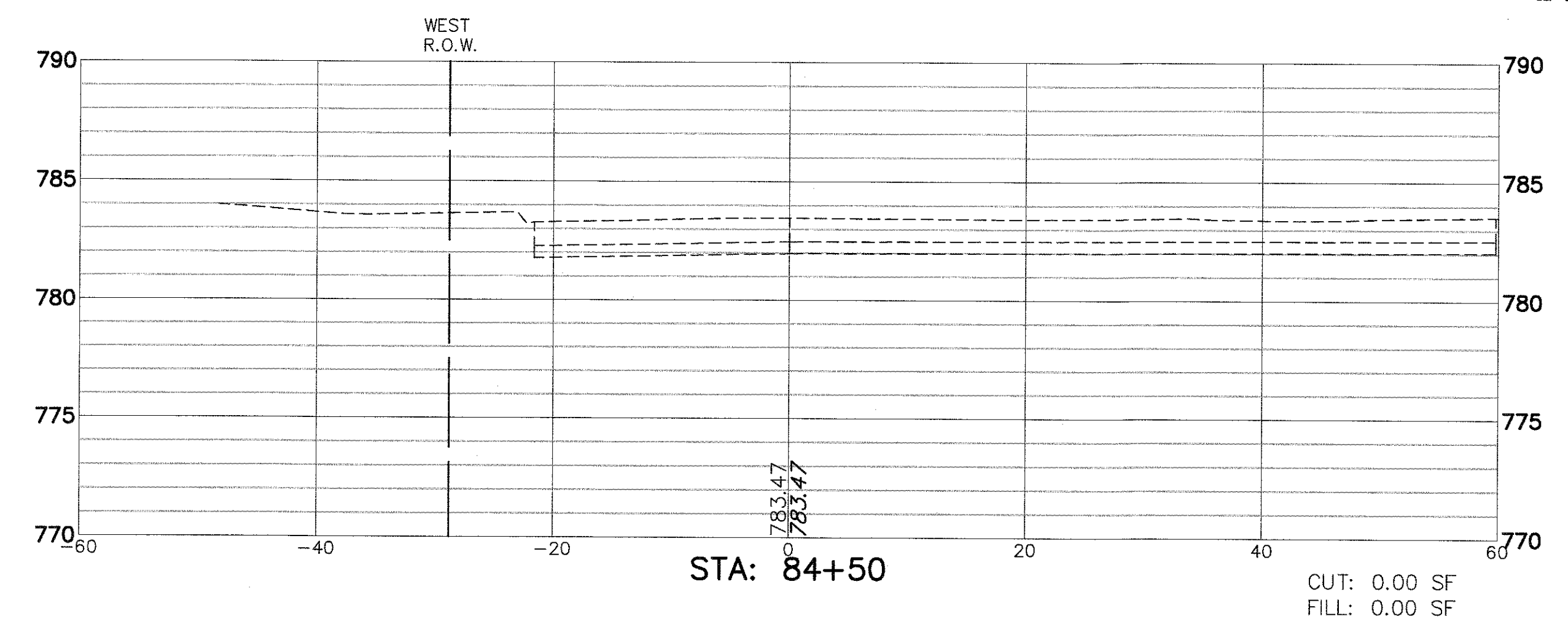
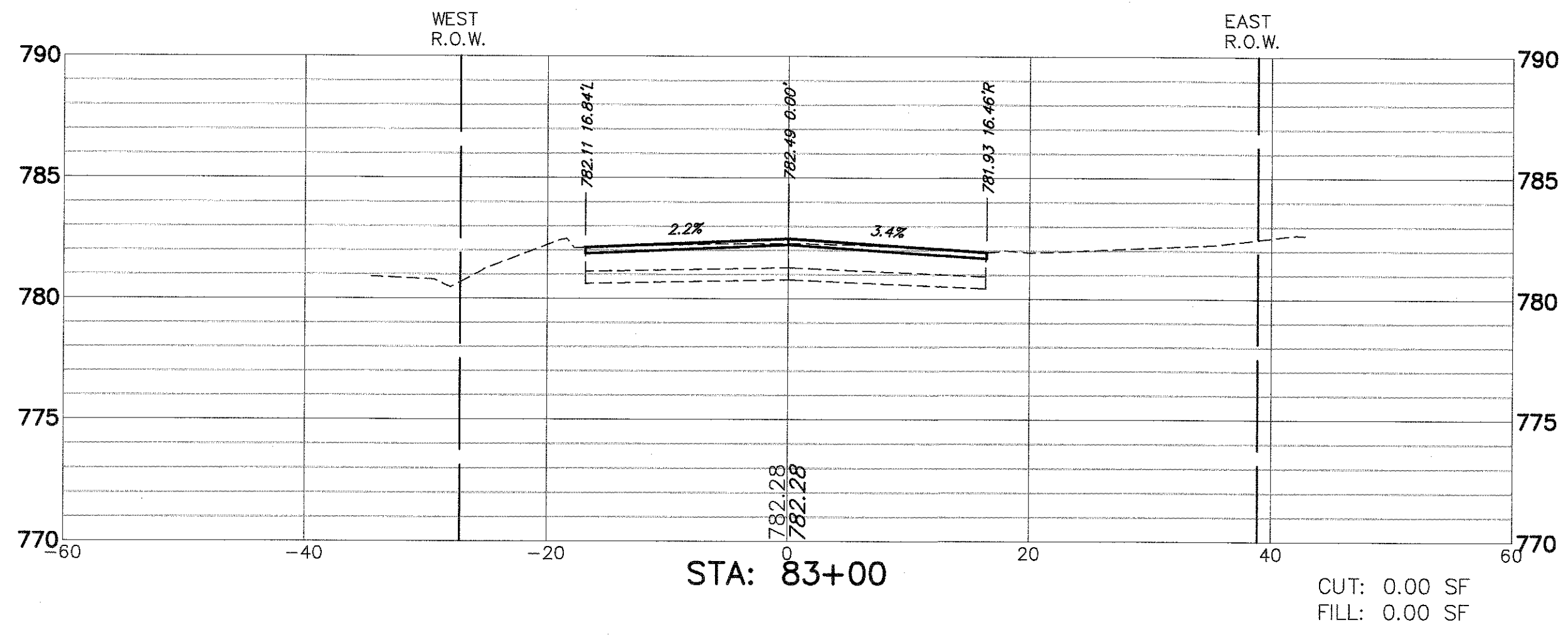
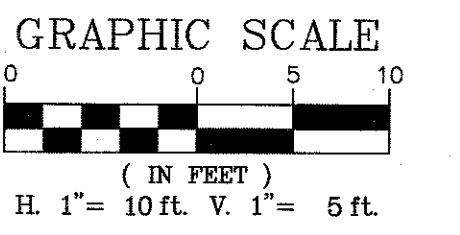
SCALE AS NOTED SHEET NO. -- OF -- SHEETS STA. -- TO STA. --

| FAU. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|----------------|--------|--------------|-----------|
| 0195 | 15-00065-00-RS | LAKE | 80 | 78 |
| CONTRACT #: | | | | 61E14 |

ILLINOIS FED. AID PROJECT



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| FILE NAME = 4990-400-pr3.dwg | USER NAME = GEORGE WHITTEN | DESIGNED - KLB | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | CROSS SECTIONS LAKE STREET ROADWAY IMPROVEMENTS | | FAU RTE 0195 | SECTION 15-00065-00-RS | COUNTY LAKE | TOTAL SHEETS 80 | SHEET NO. 79 | |
| | PLOT SCALE = 1" = .0833' | DRAWN - GW3 | REVISED - | | SCALE AS NOTED | SHEET NO. - OF - SHEETS | STA. - TO STA. - | | | CONTRACT # | | |
| | PLOT DATE = 8/2/2017 12:46 PM | CHECKED - KLB | REVISED - | | | | | | | ILLINOIS FED. AID PROJECT | | |
| | | DATE - | REVISED - | | | | | | | | | |



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|------------------------------|-------------------------------|----------------|-----------|---|--|-------------------------|----------------------|---------------------------|----------------|-----------------------|--------------------|--|
| FILE NAME = 4990-400-pr3.dwg | USER NAME = GEORGE WHITTEN | DESIGNED - KLB | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | CROSS SECTIONS LAKE STREET ROADWAY IMPROVEMENTS | | FAU. RTE. 0195 | SECTION 15-00065-00-RS | COUNTY LAKE | TOTAL SHEETS 80 | SHEET NO. 80 | |
| | PLOT SCALE = 1" = .0833' | DRAWN - GW3 | REVISED - | | SCALE AS NOTED | SHEET NO. - OF - SHEETS | STA. - TO STA. - | CONTRACT # | | 61E14 | | |
| | PLOT DATE = 8/2/2017 12:45 PM | CHECKED - KLB | REVISED - | | ILLINOIS FED. AID PROJECT | | | | | | | |
| | | DATE - | REVISED - | | | | | | | | | |