

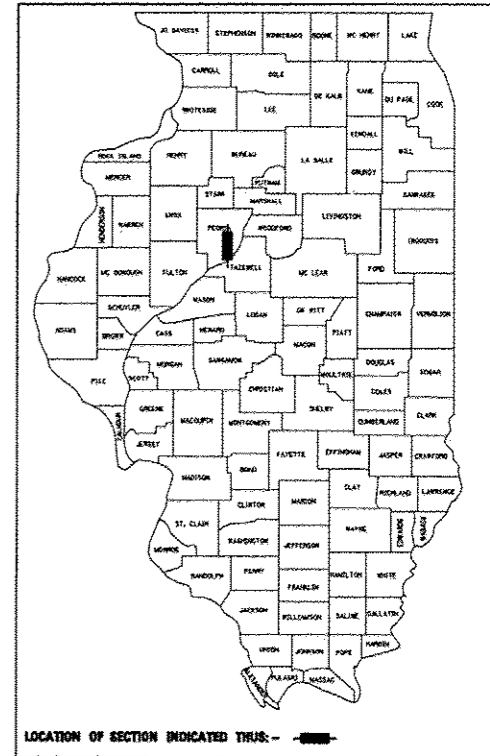
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PLANS FOR PROPOSED
LOCAL AGENCY IMPROVEMENT

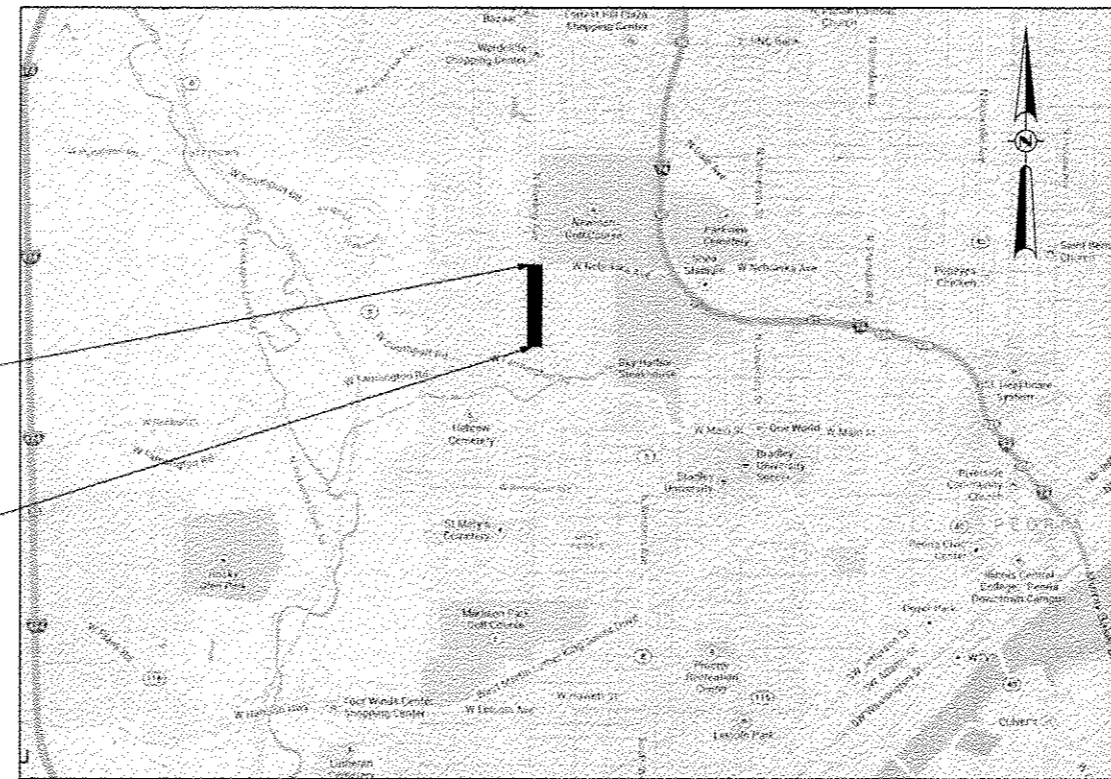
F.A.U. ROUTE #6586
STERLING AVENUE
SECTION: 05-00010-00-PV
PROJECT: M-5314 (001)
C-94-143-05
PEORIA COUNTY

CONTRACT NO. 89385



END IMPROVEMENTS
STA. 44+67.21

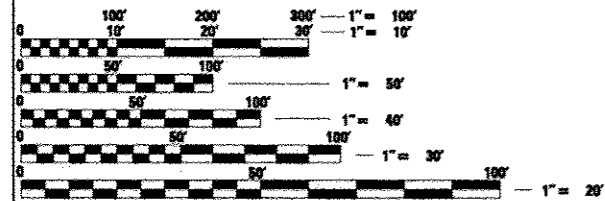
BEGIN IMPROVEMENTS
STA. 25+14.28



LOCATION MAP

(NOT TO SCALE)

LENGTH OF IMPROVEMENT = 1,962 FEET = 0.37 MILE
 FUNCTIONAL CLASSIFICATION: URBAN MINOR ARTERIAL
 DESIGN SPEED: 45 MPH, POSTED SPEED: 45 MPH
 CURRENT ADT (2012): 14,400, SU: 4.8%, MU: 2.2%
 DESIGN YEAR: 2034, ADT: 17,924, DHV: 1804, %TRUCKS: 7%
 SECTION 6 TOWNSHIP 8N RANGE 6E



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

CONTRACT NO. 89385


PRINTED BY THE AUTHORITY
 OF THE STATE OF ILLINOIS

APPROVED 1-30 2014
 LOCAL AGENCY OFFICIAL


PASSED 02-06 2014
 DISTRICT FOUR ENGINEER OF
 LOCAL ROADS & STREETS

Releasing For Bid Based on Limited Review
2-21-2014
 DEPUTY DIRECTOR OF HIGHWAYS,
 REGION THREE ENGINEER

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

 1-29-14 11-30-15
 DATE EXPIRES

JEFFREY L. HERMANN


HERMANN & ASSOCIATES, LLC
 CONSULTING ENGINEERS
 4803 NORTH GALENA ROAD
 PEORIA, ILLINOIS 61618
 PHONE: (309) 687-4566
 FAX: (309) 687-0571
 ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184.004714

TRANSPORTATION • MUNICIPAL ENGINEERING • LAND DEVELOPMENT
 ASBESTOS INSPECTION • CONSTRUCTION OBSERVATION

HIGHWAY STANDARDS

GENERAL NOTES

- 1.) ALL CONSTRUCTION SHALL COMPLY WITH THE CURRENT EDITIONS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION," - HEREINAFTER REFERRED TO AS THE "STANDARD SPECIFICATIONS," "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS," AND THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES."
- 2.) ALL ELEVATIONS SHOWN ON THE PLANS ARE ON A LOCALLY ESTABLISHED DATUM
- 3.) THE CONTRACTOR SHALL VERIFY ALL BENCHMARKS AND HORIZONTAL CONTROL POINTS FOR ACCURACY PRIOR TO STARTING CONSTRUCTION AND REPORT ANY DISCREPANCIES TO THE ENGINEER.
- 4.) THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN, ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.
- 5.) THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE "STANDARD SPECIFICATIONS." CALL J.U.L.I.E. AT 1-800-892-0123 A MINIMUM OF 48 HOURS IN ADVANCE OF DIGGING OPERATIONS. THE CONTRACTOR SHALL COORDINATE ANY REQUIRED UTILITY ADJUSTMENTS WITH THE APPROPRIATE UTILITY COMPANY.
- 6.) ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
- 7.) COMMITMENTS ARE NOT TO BE ALTERED WITHOUT THE WRITTEN APPROVAL OF ALL PARTIES TO WHICH THE COMMITMENT WAS MADE.
- 8.) THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER IN REGARD TO THE EXACT LENGTH OF THE BOX/PIPE CULVERTS, STORM SEWERS, AND/OR PIPE DRAINS REQUIRED PRIOR TO ORDERING THESE ITEMS.
- 9.) IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS, THE CONNECTING OF EXISTING DRAIN TILES, PIPE CULVERTS, OR STORM SEWERS TO THE PROPOSED DRAINAGE SYSTEM STRUCTURES WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCLUDED IN THE PAY ITEMS PROVIDED.
- 10.) THE CONTRACTOR SHALL NOTIFY AND RECEIVE APPROVAL FROM THE ENGINEER PRIOR TO REMOVING OR COVERING UP ANY SURVEY MONUMENTS OR PROPERTY MARKERS.
- 11.) THE CONTRACTOR SHALL CONFINE THE CONSTRUCTION WITHIN THE RIGHT OF WAY OR TEMPORARY CONSTRUCTION EASEMENT.
- 12.) CONTRACTOR SHALL TAKE REASONABLE PRECAUTIONS SO AS TO PREVENT DAMAGE FROM OCCURRING TO ALL EXISTING BUILDINGS, STRUCTURES, PUBLIC, AND PRIVATE PROPERTY AS A RESULT OF CONSTRUCTION.
- 13.) SIGNS, MAILBOXES, FENCE, FENCE RAILS, POSTS, LANDSCAPING ITEMS NOT IDENTIFIED ON THE BID SCHEDULE WHICH ARE DAMAGED OR DISTURBED DURING CONSTRUCTION SHALL BE REPLACED WITH LIKE MATERIALS AND CONSTRUCTION. THIS WORK SHALL BE INCLUDED IN THE CONTRACT AMOUNT.
- 14.) CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING APPROPRIATE TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH THE LATEST REQUIREMENTS OF THE STANDARD SPECIFICATIONS, MUTCD, AND ANY REQUIREMENTS DETAILED IN THE CONTRACT DOCUMENTS. TRAFFIC CONTROL SHALL BE PAID FOR AS TRAFFIC CONTROL PROTECTION (SPECIAL).
- 15.) ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION IN ACCORDANCE WITH ARTICLE 107.09 UNLESS ARRANGEMENTS ARE MADE IN WRITING BY THE CONTRACTOR WITH THE PROPERTY OWNERS WITH A COPY TO THE ENGINEER FOR SHORT TERM CLOSURES.
- 16.) THE CONTRACTOR SHALL COMPLY WITH THE LEGAL STREET LOADING LIMITS ESTABLISHED BY THE LOCAL AGENCY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED BY LUGS OR CLEATS ON TREADS OR WHEELS, EXCESSIVE WEIGHTS, AND LOADS, ETC.
- 17.) WHEN CONSTRUCTING MEDIAN AND ISLAND NOSES THE FOLLOWING CRITERIA SHOULD BE FOLLOWED: BARRIER CURB SHALL BE USED TO CONSTRUCT NOSES WHEN THE MEDIAN OR ISLAND SURROUNDS A MAST ARM OR OTHER NON-BREAKAWAY FOUNDATION. RAMPED NOSES SHALL BE USED ON MEDIANS OR ISLANDS WITH BREAKAWAY POSTS.
- 18.) SIGN LOCATIONS MAY VARY FROM STATIONS SHOWN ON THE PLANS IN ACCORDANCE WITH DIRECTIONS FROM THE ENGINEER AT THE TIME OF CONSTRUCTION. SIGN LOCATIONS MAY BE ADJUSTED IN THE FIELD TO AVOID ANY FOUND UTILITIES.
- 19.) THE WEST PEORIA LIGHTING DISTRICT WILL BE INSTALLING LIGHT POLES AND FIXTURES WITHIN THE CENTER RAISED MEDIAN OF STERLING AVENUE. THIS WORK IS EXPECTED TO BE COMPLETE PRIOR TO CONSTRUCTION OF STERLING AVENUE. THE CONTRACTOR SHALL TAKE ALL REASONABLE PRECAUTIONS TO PREVENT DAMAGE TO ANY LIGHT POLES, FIXTURES, BASES, CONDUIT, CONTROLLER, AND OTHER LIGHTING APPURTENANCES. THE LIGHT POLES SHALL BE PROTECTED WITH TEMPORARY FENCING BEFORE ANY WORK MAY PROCEED. THE TEMPORARY FENCE SHALL REMAIN IN PLACE UNTIL FINAL COMPLETION IN ORDER TO PROTECT THE LIGHT FIXTURES FROM DAMAGE. THIS WORK SHALL BE PAID FOR AS TEMPORARY FENCE.

EROSION CONTROL NOTES

- 1.) EROSION CONTROL SHALL BE PROVIDED FOR ANY DISTURBED AREA PER THE "EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION" DATED JULY 1, 2010, AS PUBLISHED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.
- 2.) A COPY OF THE APPROVED EROSION & SEDIMENT CONTROL PLAN SHALL BE MAINTAINED AT THE PROJECT SITE AT ALL TIMES. THE CONTRACTOR IS EXPECTED TO UPDATE AND OTHERWISE MODIFY THE PLAN AS THE WORK PROGRESSES.
- 3.) NO RUNOFF SHALL LEAVE THE SITE OTHER THAN THROUGH EROSION CONTROL PROTECTIVE MEASURES. THE CONTRACTOR SHALL ADJUST HIS OPERATIONS AND IMPLEMENT EROSION CONTROL MEASURES ACCORDINGLY.
- 4.) THE CONTRACTOR SHALL PROTECT ALL STOCKPILED MATERIALS WITH PERIMETER EROSION BARRIER.
- 5.) ALL SURROUNDING STREETS SHALL BE INSPECTED DAILY AND KEPT CLEAR OF DEBRIS AND CLEANED WHEN NECESSARY.
- 6.) EROSION CONTROL MEASURES SHALL BE INSPECTED WEEKLY AND WITHIN 24 HOURS AFTER A 0.5" RAIN.
- 7.) ALL CONCRETE TRUCK WASHOUT LOCATIONS SHALL BE DETERMINED BY THE CONTRACTOR AND BE IN ACCORDANCE WITH THE SPECIAL PROVISION. THE DESIGNATED AREA SHALL BE APPROVED BY THE ENGINEER.
- 8.) THE CONTRACTOR IS RESPONSIBLE FOR PROPER INSTALLATION, INSPECTION, AND MAINTENANCE OF ALL EROSION CONTROL DEVICES. ALL EROSION CONTROL DEVICES SHALL BE MAINTAINED, REPAIRED, AND REPLACED AS NEEDED THROUGHOUT THE ENTIRE DURATION OF CONSTRUCTION. AFTER ACHIEVING PERMANENT VEGETATION, ALL TEMPORARY EROSION CONTROL DEVICES SHALL BE REMOVED, ALL DRAINAGE STRUCTURES CLEANED, AND ALL AREAS DISTURBED BY THE REMOVAL OF EROSION CONTROL DEVICES RESTORED.
- 9.) INLET FILTERS SHALL BE INSTALLED AT THE LOCATIONS INDICATED ON THE PLANS. INLET FILTERS SHALL BE CLEANED WHEN THEY BECOME 75% FULL AND AT THE REQUEST OF THE ENGINEER. COSTS FOR CLEANING AND OTHERWISE MAINTAINING THE INLET FILTERS SHALL BE INCLUDED IN THE COST OF THE INLET FILTER.
- 10.) ALL PROPOSED DITCH BOTTOMS SHALL BE LINED WITH TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET IN ACCORDANCE WITH THE PLANS.
- 11.) TEMPORARY FENCE SHALL BE INSTALLED AT THE LOCATIONS INDICATED ON THE EROSION & SEDIMENT CONTROL PLANS IN ORDER TO PROTECT TREES TO REMAIN.

COMMITMENTS

1. THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN ACCESS TO THE COMMERCIAL ENTRANCE AT STA. 40+43 RT AT ALL TIMES BEFORE, DURING, AND AFTER CONSTRUCTION. RECONSTRUCTION OF THE ENTRANCE SHALL BE LIMITED TO A MAXIMUM OF 1/2 OF THE DRIVE WIDTH AT ONE TIME. A 12' CLEAR WIDTH SHALL REMAIN OPEN AND ACCESSIBLE AT ALL TIMES. WIDTH RESTRICTIONS SHALL BE LIMITED TO A MAXIMUM OF 48 CONSECUTIVE HOURS. AFTER 48 HOURS, THE CONTRACTOR MUST RESTORE FULL WIDTH ACCESS.

UTILITIES

AMEREN CILCO (GAS)
J. W. BROWN
1-309-677-5330

AMEREN CILCO (ELECTRIC)
JON REICK
1-309-693-4697

GREATER PEORIA SANITARY DISTRICT (SANITARY SEWER)
MARIA ZAVALA
1-309-272-4844

COMCAST (CABLE)
RAY DE CROIX
1-309-686-2616

AT&T (TELEPHONE)
NATHAN CIOTA
1-309-686-3333

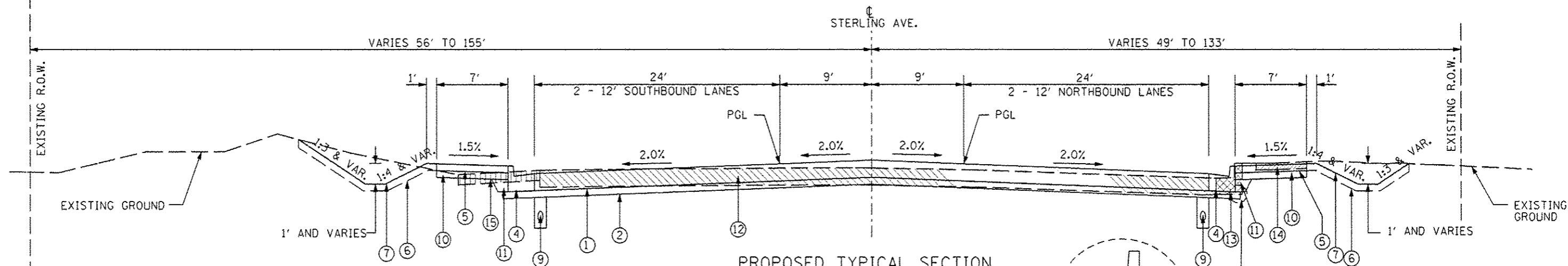
PEG BANDWIDTH (FIBER OPTIC)
BARRY PHILLIPS
1-918-688-4168

CITY OF PEORIA (TRAFFIC SIGNALS)
NICK STOFFER
1-309-494-8800

CITY OF WEST PEORIA (STORM SEWER)
HENRY STRUBE
1-309-370-1140

| | |
|-----------|--|
| 280001-07 | TEMPORARY EROSION CONTROL SYSTEMS |
| 420001-07 | PAVEMENT JOINTS |
| 420101-04 | 24' JOINTED PCC PAVEMENT |
| 424011-01 | CORNER PARALLEL CURB RAMPS FOR SIDEWALKS |
| 542301-03 | PRECAST REINFORCED CONCRETE FLARED END SECTION |
| 602601-03 | PRECAST REINFORCED CONCRETE FLAT SLAB TOP |
| 602401-03 | MANHOLE TYPE A |
| 602701-02 | MANHOLE STEPS |
| 604001-03 | FRAME AND LIDS TYPE 1 |
| 604036-02 | GRATE TYPE 8 |
| 606001-05 | CONCRETE CURB TYPE B AND COMBINATION CURB & GUTTER |
| 606301-04 | PC CONCRETE ISLANDS AND MEDIANS |
| 630001-10 | STEEL PLATE BEAM GUARDRAIL |
| 630301-06 | SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS |
| 631011-09 | TRAFFIC BARRIER TERMINAL, TYPE 2 |
| 635001-01 | DELINEATORS |
| 635006-03 | REFLECTOR AND TERMINAL MARKER PLACEMENT |
| 635011-02 | REFLECTOR MARKER AND MOUNTING DETAILS |
| 701801-05 | SIDEWALK, CORNER OR CROSSWALK CLOSURE |
| 701901-03 | TRAFFIC CONTROL DEVICES |
| 720001-01 | SIGN PANEL MOUNTING DETAILS |
| 720006-04 | SIGN PANEL ERECTION DETAILS |
| 728001-01 | TELESCOPING STEEL SIGN SUPPORT |
| 729001-01 | APPLICATIONS OF TYPES OF A&B METAL POSTS (FOR SIGNS & MARKERS) |
| 731001-01 | BASE FOR TELESCOPING STEEL SIGN SUPPORT |
| 780001-04 | TYPICAL PAVEMENT MARKINGS |
| 781001-03 | TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS |
| 814001-02 | HANDHOLES |

| | | | | | | | | | | |
|-----------|------------|----------|---------|---|---|-----------------|----------------|--------------------|--------------|-----------|
| FILE NAME | USER NAME | DESIGNED | REVISED | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | STERLING AVENUE GENERAL NOTES AND LEGEND | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| #FILE# | #USER# | DRAWN | REVISED | | | 6586 | 05-00010-00-PV | PEORIA | 86 | 2 |
| SHT PLAN | PLOT SCALE | CHECKED | REVISED | | | STERLING AVENUE | | CONTRACT NO. 89385 | | |
| | PLOT DATE | DATE | REVISED | | | SCALE: | SHEET | OF | SHEETS | STA. |



PROPOSED TYPICAL SECTION
STA. 25+14.28 TO STA. 26+05.38

PROPOSED LEGEND

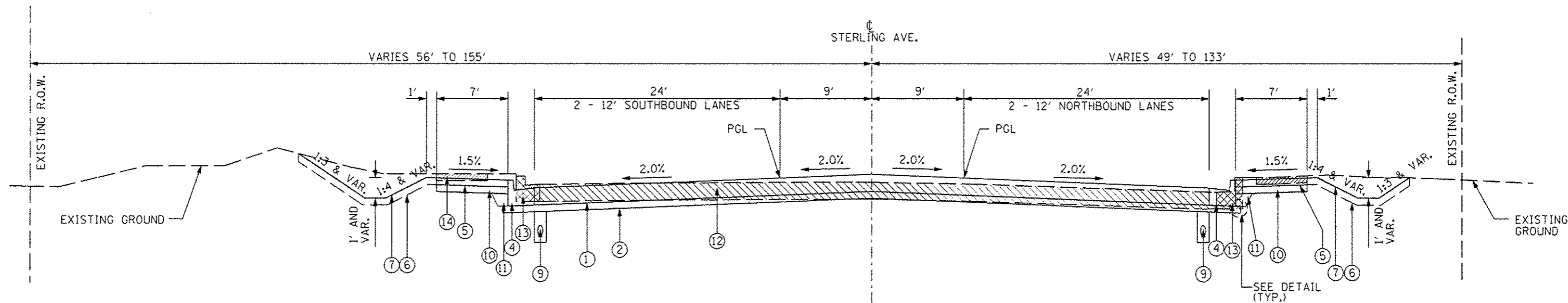
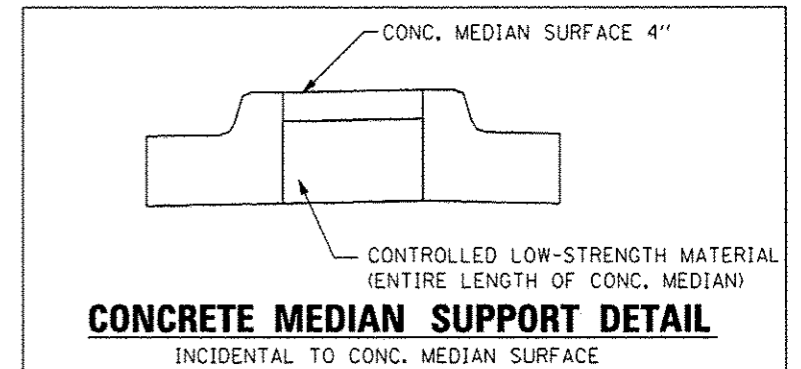
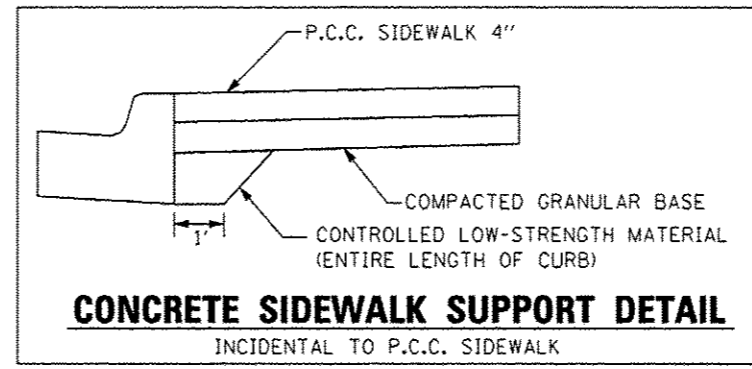
- ① PROP. JOINTED PCC PAVEMENT, 10"
- ② PROP. SUBBASE GRANULAR MATERIAL, TYPE A - 4"
- ③ PROP. COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- ④ PROP. COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ⑤ PROP. PCC SIDEWALK, 4"
- ⑥ PROP. TOPSOIL, 4"
- ⑦ PROP. SEEDING WITH FERTILIZER
- ⑧ PROP. CONCRETE MEDIAN SURFACE, 4"
- ⑨ PROP. PIPE UNDERDRAIN 6" - (SEE DETAIL SHEET)
- ⑩ PROP. SUBBASE GRANULAR MATERIAL, TYPE B - 4"
- ⑪ PROP. CONTROLLED LOW STRENGTH MATERIAL (SEE DETAIL)

REMOVAL LEGEND

- ⑫ EXISTING PCC PAVEMENT, 10" TO BE REMOVED
- ⑬ EXISTING COMB. CURB & GUTTER TO BE REMOVED
- ⑭ EXISTING PCC SIDEWALK, 4" TO BE REMOVED
- ⑮ EXISTING H.M.A. PAVED SHOULDER TO BE REMOVED

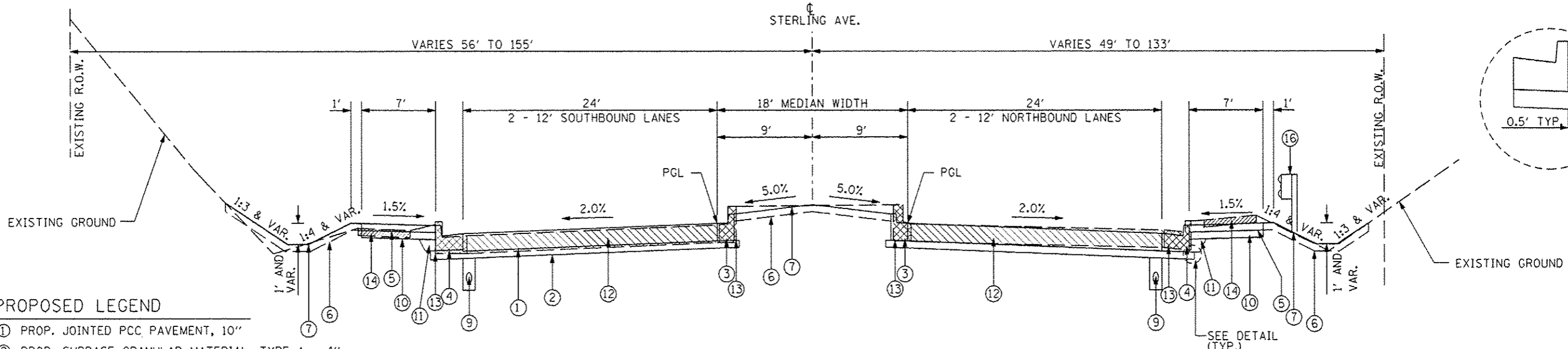
STRUCTURAL PAVEMENT DESIGN
CLASS I ROADWAY
10 YR. PROJECTED TRAFFIC
PV = 15090 SU = 779 MU = 357
T.F. = 3.26

CONSTRUCT:
10" JOINTED REINFORCED PCCP
WITH TIED CCC&G
(MAX JOINT SPACING = 15 FEET)



PROPOSED TYPICAL SECTION
STA. 40+26.10 TO STA. 40+77.75

| | | | | | | | | | | | | |
|-----------|-----------|-----------------|-----------|---|---|------------------|------------------------|--|-----------------|-------------|----|------|
| FILE NAME | USER NAME | DESIGNED - JLH | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | STERLING AVENUE TYPICAL SECTIONS | F.A.U. RTE. 6586 | SECTION 05-00010-00-PV | COUNTY PEORIA | TOTAL SHEETS 86 | SHEET NO. 3 | | |
| #FILE# | | DRAWN - JAL | REVISED - | | | STERLING AVENUE | CONTRACT NO. 89385 | FED ROAD DIST NO. 4 ILLINOIS FED. AID PROJECT W-5314 (001) | | | | |
| PLT SCALE | | CHECKED - JLH | REVISED - | | | | | | | | | |
| SHT. PLAN | | DATE - JAN 2014 | REVISED - | | | SCALE: | SHEET | OF | SHEETS | STA. | TO | STA. |



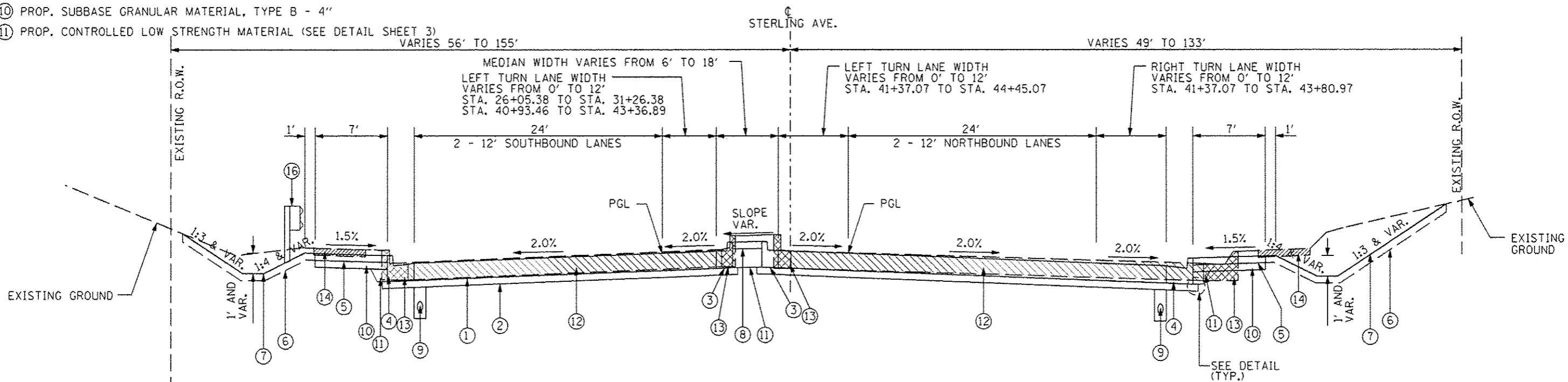
PROPOSED TYPICAL SECTION
STA. 31+26.38 TO STA. 39+93.46

PROPOSED LEGEND

- ① PROP. JOINTED PCC PAVEMENT, 10"
- ② PROP. SUBBASE GRANULAR MATERIAL, TYPE A - 4"
- ③ PROP. COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- ④ PROP. COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ⑤ PROP. PCC SIDEWALK, 4"
- ⑥ PROP. TOPSOIL, 4"
- ⑦ PROP. SEEDING WITH FERTILIZER
- ⑧ PROP. CONCRETE MEDIAN SURFACE, 4"
- ⑨ PROP. PIPE UNDERDRAIN 6" - (SEE DETAIL SHEET)
- ⑩ PROP. SUBBASE GRANULAR MATERIAL, TYPE B - 4"
- ⑪ PROP. CONTROLLED LOW STRENGTH MATERIAL (SEE DETAIL SHEET 3)

REMOVAL LEGEND

- ⑫ EXISTING PCC PAVEMENT, 10" TO BE REMOVED
- ⑬ EXISTING COMB. CURB & GUTTER TO BE REMOVED
- ⑭ EXISTING PCC SIDEWALK, 4" TO BE REMOVED
- ⑮ EXISTING H.M.A. PAVED SHOULDER TO BE REMOVED
- ⑯ PROPOSED STEEL PLATE BEAM GUARDRAIL - SEE PLAN FOR STATIONING



PROPOSED TYPICAL SECTION
STA. 26+05.38 TO STA. 31+26.38
STA. 39+93.46 TO STA. 40+26.10
STA. 40+77.75 TO STA. 44+67.21

| | | | | | | | | | | | | |
|---------------------|----------------|----------------|------------|---|---|-------|-----------|------------------|------------------------|--|-----------------|-------------|
| FILE NAME: SHT_PLAN | USER NAME: JAL | DESIGNED: JLM | REVISED: - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | STERLING AVENUE TYPICAL SECTIONS | | | F.A.U. RTE. 6586 | SECTION 05-00010-00-PV | COUNTY PEORIA | TOTAL SHEETS 86 | SHEET NO. 4 |
| | | DRAWN: JAL | REVISED: - | | SCALE: | SHEET | OF SHEETS | STA. | TO STA. | CONTRACT NO. 89385 | | |
| | | CHECKED: JLM | REVISED: - | | | | | | | FED ROAD DIST NO. 4 ILLINOIS FED. AID PROJECT N-5314 (001) | | |
| | | DATE: JAN 2014 | REVISED: - | | | | | | | | | |

| PAY ITEM NUMBER | ITEM DESCRIPTION (1 OF 4) | UNIT OF MEASURE | QUANTITY |
|-----------------|---|-----------------|----------|
| 20100110 | TREE REMOVAL (6 TO 15 UNITS DIAMETER) | UNIT | 295.0 |
| 20100210 | TREE REMOVAL (OVER 15 UNITS DIAMETER) | UNIT | 58.0 |
| 20101000 | TEMPORARY FENCE | FOOT | 384.0 |
| 20201200 | REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL | CU YD | 890.0 |
| 21001000 | GEOTECHNICAL FABRIC FOR GROUND STABILIZATION | SQ YD | 2134.0 |
| Δ 21101615 | TOPSOIL FURNISH AND PLACE, 4" | SQ YD | 6614.0 |
| Δ 25000110 | SEEDING, CLASS 1A | ACRE | 0.50 |
| Δ 25000210 | SEEDING, CLASS 2A | ACRE | 1.0 |
| Δ 25000400 | NITROGEN FERTILIZER NUTRIENT | POUND | 125.0 |
| Δ 25000500 | PHOSPHORUS FERTILIZER NUTRIENT | POUND | 125.0 |
| Δ 25000600 | POTASSIUM FERTILIZER NUTRIENT | POUND | 125.0 |
| Δ 25100635 | HEAVY DUTY EROSION CONTROL BLANKET | SQ YD | 6614.0 |
| Δ 25200110 | SODDING, SALT TOLERANT | SQ YD | 108.0 |
| Δ 25200200 | SUPPLEMENTAL WATERING | UNIT | 0.6 |
| 28000305 | TEMPORARY DITCH CHECK | FOOT | 950.0 |
| 28000315 | AGGREGATE DITCH CHECK | TON | 49.0 |
| 28000400 | PERIMETER EROSION BARRIER | FOOT | 985.0 |
| 28000500 | INLET & PIPE PROTECTION | EACH | 25.0 |
| 28000510 | INLET FILTERS | EACH | 20.0 |
| 28001200 | TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET | SQ YD | 1301.0 |
| 28100105 | STONE RIP-RAP, CLASS A3 | SQ YD | 64.0 |
| 28100107 | STONE RIP-RAP, CLASS A4 | SQ YD | 420.0 |
| 28200200 | FILTER FABRIC | SQ YD | 420.0 |
| 31100300 | SUBBASE GRANULAR MATERIAL, TYPE A 4" | SQ YD | 14833.0 |
| 31101100 | SUBBASE GRANULAR MATERIAL, TYPE B | CU YD | 889.0 |
| 31101200 | SUBBASE GRANULAR MATERIAL, TYPE B 4" | SQ YD | 3000.0 |
| 40201000 | AGGREGATE FOR TEMPORARY ACCESS | TON | 30.0 |
| 40800010 | BITUMINOUS MATERIALS (PRIME COAT) | GALLON | 4.0 |
| 40800050 | INCIDENTAL HOT-MIX ASPHALT SURFACING | TON | 12.0 |
| 42001200 | PAVEMENT FABRIC | SQ YD | 11322.0 |
| 42000501 | PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED) | SQ YD | 12580.0 |
| 42300600 | PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 10 INCH | SQ YD | 93.0 |
| 42400100 | PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH | SQ FT | 27124.0 |
| 42400800 | DETECTABLE WARNINGS | SQ FT | 141.0 |

| PAY ITEM NUMBER | ITEM DESCRIPTION (2 OF 4) | UNIT OF MEASURE | QUANTITY |
|-----------------|---|-----------------|----------|
| 44000100 | PAVEMENT REMOVAL | SQ YD | 12326.0 |
| 44000200 | DRIVEWAY PAVEMENT REMOVAL | SQ YD | 132.0 |
| 44000300 | CURB REMOVAL | FOOT | 299.0 |
| 44000500 | COMBINATION CURB AND GUTTER REMOVAL | FOOT | 7295.0 |
| 44000600 | SIDEWALK REMOVAL | SQ FT | 18399.0 |
| 44003100 | MEDIAN REMOVAL | SQ FT | 1718.0 |
| 44004250 | PAVED SHOULDER REMOVAL | SQ YD | 422.0 |
| 48301000 | PROTECTIVE COAT | SQ YD | 15580.0 |
| 50104400 | CONCRETE HEADWALL REMOVAL | EACH | 4.0 |
| 54213657 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12" | EACH | 1.0 |
| 54213660 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15" | EACH | 1.0 |
| 54213663 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18" | EACH | 4.0 |
| 55100500 | STORM SEWER REMOVAL 12" | FOOT | 958.0 |
| 59300100 | CONTROLLED LOW-STRENGTH MATERIAL | CU YD | 126.0 |
| 60100060 | CONCRETE HEADWALLS FOR PIPE DRAINS | EACH | 1.0 |
| 60107700 | PIPE UNDERDRAINS 6" | FOOT | 3590.0 |
| 60108200 | PIPE UNDERDRAINS 6" (SPECIAL) | FOOT | 34.0 |
| 60218400 | MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID | EACH | 1.0 |
| 60219000 | MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE | EACH | 2.0 |
| 60221700 | MANHOLES, TYPE A, 5'-DIAMETER, TYPE 8 GRATE | EACH | 1.0 |
| 60300305 | FRAMES AND LIDS TO BE ADJUSTED | EACH | 3.0 |
| 60500040 | REMOVING MANHOLES | EACH | 4.0 |
| 60500060 | REMOVING INLETS | EACH | 10.0 |
| 60618300 | CONCRETE MEDIAN SURFACE, 4 INCH | SQ FT | 1925.0 |
| 60603800 | COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 | FOOT | 3609.0 |
| 60605000 | COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 | FOOT | 4144.0 |
| 60625600 | ISLAND PAVEMENT, 6" | SQ YD | 40.0 |
| Δ 63000001 | STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS | FOOT | 300.0 |
| Δ 63100045 | TRAFFIC BARRIER TERMINAL, TYPE 2 | EACH | 2.0 |
| Δ 63100167 | TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT | EACH | 2.0 |
| 63200310 | GUARDRAIL REMOVAL | FOOT | 300.0 |
| 67000400 | ENGINEER'S FIELD OFFICE, TYPE A | CAL MO | 8.0 |
| 67100100 | MOBILIZATION | L SUM | 1.0 |
| 70300210 | TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS | SQ FT | 110.0 |

| | | | |
|------------|---|-------|--------|
| 70300220 | TEMPORARY PAVEMENT MARKING - LINE 4" | FOOT | 1960.0 |
| 70300280 | TEMPORARY PAVEMENT MARKING - LINE 24" | FOOT | 297.0 |
| 70301000 | WORK ZONE PAVEMENT MARKING REMOVAL | SQ FT | 1356.0 |
| 72000100 | SIGN PANEL - TYPE 1 | SQ FT | 62.0 |
| 72400100 | REMOVE SIGN PANEL ASSEMBLY - TYPE A | EACH | 10.0 |
| 72400500 | RELOCATE SIGN PANEL ASSEMBLY - TYPE A | EACH | 1.0 |
| Δ 78009000 | MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS | SQ FT | 110.0 |
| Δ 78009004 | MODIFIED URETHANE PAVEMENT MARKING - LINE 4" | FOOT | 7777.0 |
| Δ 78009006 | MODIFIED URETHANE PAVEMENT MARKING - LINE 6" | FOOT | 1010.0 |
| Δ 78009008 | MODIFIED URETHANE PAVEMENT MARKING - LINE 8" | FOOT | 1171.0 |
| Δ 78009012 | MODIFIED URETHANE PAVEMENT MARKING - LINE 12" | FOOT | 21.0 |
| Δ 78009024 | MODIFIED URETHANE PAVEMENT MARKING - LINE 24" | FOOT | 100.0 |
| Δ 78100100 | RAISED REFLECTIVE PAVEMENT MARKER | EACH | 98.0 |
| Δ 78200410 | GUARDRAIL MARKERS, TYPE A | EACH | 8.0 |
| Δ 78201000 | TERMINAL MARKER - DIRECT APPLIED | EACH | 2.0 |
| Δ 81400100 | HANDHOLE | EACH | 3.0 |
| Δ 89502380 | REMOVE EXISTING HANDHOLE | EACH | 3.0 |
| 550A0050 | STORM SEWERS, CLASS A, TYPE 1 12" | FOOT | 230.0 |
| 550A0090 | STORM SEWERS, CLASS A, TYPE 1 18" | FOOT | 89.0 |
| 550A0340 | STORM SEWERS, CLASS A, TYPE 2 12" | FOOT | 205.0 |
| 550A0360 | STORM SEWERS, CLASS A, TYPE 2 15" | FOOT | 388.0 |
| 550A0640 | STORM SEWERS, CLASS A, TYPE 3 12" | FOOT | 23.0 |
| K1001980 | RIVER ROCK, 6" | SQ YD | 78.0 |
| Δ K1005875 | TREE TRANSPLANT | EACH | 3.0 |
| X0301280 | PLUG EXISTING DRAINS | EACH | 1.0 |
| X0322986 | REMOVE EXISTING FLARED END SECTION | EACH | 1.0 |
| X0326806 | WASHOUT BASIN | L SUM | 1.0 |
| X0327235 | LOCATING UNDERGROUND UTILITIES | FOOT | 125.0 |
| X4402805 | ISLAND REMOVAL | SQ FT | 368.0 |
| X5509900 | ABANDON AND FILL EXISTING STORM SEWER | FOOT | 59.0 |
| X6020082 | INLETS, TYPE G-1 | EACH | 11.0 |
| X6022230 | MANHOLES, TYPE A, 4' DIAMETER, WITH SPECIAL FRAME & GRATE | EACH | 1.0 |
| X7010216 | TRAFFIC CONTROL AND PROTECTION, (SPECIAL) | L SUM | 1.0 |

| PAY ITEM NUMBER | ITEM DESCRIPTION (4 OF 4) | UNIT OF MEASURE | QUANTITY |
|-----------------|--|-----------------|----------|
| Δ X7830068 | GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS AND SYMBOLS | SQ FT | 110.0 |
| Δ X7830070 | GROOVING FOR RECESSED PAVEMENT MARKING 5" | FOOT | 7777.0 |
| Δ X7830074 | GROOVING FOR RECESSED PAVEMENT MARKING 7" | FOOT | 1010.0 |
| Δ X7830076 | GROOVING FOR RECESSED PAVEMENT MARKING 9" | FOOT | 1171.0 |
| Δ X7830078 | GROOVING FOR RECESSED PAVEMENT MARKING 13" | FOOT | 21.0 |
| Δ X7830090 | GROOVING FOR RECESSED PAVEMENT MARKING 25" | FOOT | 100.0 |
| Z0013798 | CONSTRUCTION LAYOUT | L SUM | 1.0 |

Δ SPECIALTY ITEMS

| TREE REMOVAL | 20100110 | 20100210 |
|-----------------------------------|---------------------------------------|---------------------------------------|
| LOCATION | TREE REMOVAL (6 TO 15 UNITS DIAMETER) | TREE REMOVAL (OVER 15 UNITS DIAMETER) |
| STATION TO STATION | UNIT | UNIT |
| STA. 27+25.00 TO STA. 31+00.00 RT | 14.0 | |
| | 12.0 | |
| | 11.0 | |
| STA. 30+00.00 TO STA. 41+00.00 LT | | 24.0 |
| | 11.0 | |
| | 6.0 | |
| | 8.0 | |
| | 9.0 | |
| STA. 31+50.00 TO STA. 33+50.00 RT | 6.0 | |
| | 10.0 | |
| | 9.0 | |
| | 13.0 | |
| | | 17.0 |
| | 15.0 | |
| | 11.0 | |
| | 8.0 | |
| | 10.0 | |
| | 6.0 | |
| | 7.0 | |
| | 6.0 | |
| | 8.0 | |
| | 6.0 | |
| | 7.0 | |
| STA. 41+00.00 TO STA. 42+00.00 LT | 10.0 | |
| | 6.0 | |
| | 6.0 | |
| | 7.0 | |
| | 6.0 | |
| | 6.0 | |
| | 7.0 | |
| | 6.0 | |
| | 6.0 | |
| | 6.0 | |
| 11.0 | | |
| TOTAL | 295.0 | 58.0 |

| REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL | 20201200 |
|---|--------------|
| LOCATION | VOLUME |
| STATION TO STATION | CU YD |
| CONTINGENT QUANTITY | 888.9 |
| TOTAL | 889.0 |

| GEOTECHNICAL FABRIC FOR GROUND STABILIZATION | 21001000 |
|--|---------------|
| LOCATION | AREA |
| STATION TO STATION | SQ YD |
| CONTINGENT QUANTITY | 2133.3 |
| TOTAL | 2134.0 |

| TEMPORARY DITCH CHECK SCHEDULE | | | 28000305 |
|--------------------------------------|------------------------|-----------------------|--------------|
| LOCATION | NUMBER OF DITCH CHECKS | LENGTH OF DITCH CHECK | LENGTH |
| STATION TO STATION | EACH | FOOT | FOOT |
| STA. 25+15.00 LT TO STA. 25+15.00 LT | 1.0 | 12.5 | 12.5 |
| STA. 26+24.00 LT TO STA. 26+66.00 LT | 2.0 | 12.5 | 25.0 |
| STA. 26+75.00 LT TO STA. 26+96.00 LT | 1.0 | 12.5 | 12.5 |
| STA. 30+12.00 LT TO STA. 33+32.00 LT | 12.0 | 12.5 | 150.0 |
| STA. 33+62.00 LT TO STA. 35+20.00 LT | 6.0 | 12.5 | 75.0 |
| STA. 35+50.00 LT TO STA. 36+75.00 LT | 4.0 | 12.5 | 50.0 |
| STA. 37+07.00 LT TO STA. 40+72.00 LT | 14.0 | 12.5 | 175.0 |
| STA. 40+72.00 LT TO STA. 41+68.00 LT | 5.0 | 12.5 | 62.5 |
| STA. 25+06.00 RT TO STA. 25+06.00 RT | 1.0 | 12.5 | 12.5 |
| STA. 28+08.00 RT TO STA. 31+26.00 RT | 12.0 | 12.5 | 150.0 |
| STA. 32+12.00 RT TO STA. 33+50.00 RT | 8.0 | 12.5 | 100.0 |
| STA. 33+50.00 RT TO STA. 36+00.00 RT | 10.0 | 12.5 | 125.0 |
| TOTAL | | | 950.0 |

| AGGREGATE DITCH CHECKS | | | 28000315 |
|------------------------|--------|-------|-------------|
| LOCATION | WEIGHT | | |
| STATION | OFFSET | RT/LT | TON |
| STA. 26+25.00 | 69.6 | LT | 11.84 |
| STA. 41+70.00 | 130.1 | LT | 36.44 |
| TOTAL | | | 48.3 |

| PERIMETER EROSION BARRIER | 28000400 |
|--------------------------------------|--------------|
| LOCATION | LENGTH |
| STATION TO STATION | FOOT |
| STA. 25+15.00 LT TO STA. 26+77.00 LT | 162.0 |
| STA. 27+00.00 LT TO STA. 29+75.00 LT | 276.0 |
| STA. 41+65.00 LT TO STA. 44+57.00 LT | 337.0 |
| STA. 31+25.00 RT TO STA. 33+33.00 RT | 210.0 |
| TOTAL | 985.0 |

| INLET AND PIPE PROTECTION AND INLET FILTERS | | | 28000500 | 28000510 |
|---|--------|-------|---------------------------|---------------|
| | | | INLET AND PIPE PROTECTION | INLET FILTERS |
| LOCATION | | | UNIT | UNIT |
| STATION | OFFSET | RT/LT | EACH | EACH |
| STA. 25+89.00 | 42.0 | RT | 1.0 | 1.0 |
| STA. 26+13.00 | 35.0 | RT | 1.0 | 1.0 |
| STA. 27+00.00 | 35.0 | LT | 1.0 | 1.0 |
| STA. 27+75.00 | 35.0 | RT | 1.0 | 1.0 |
| STA. 28+09.00 | 48.0 | RT | 1.0 | |
| STA. 30+18.00 | 35.0 | RT | 1.0 | 1.0 |
| STA. 31+88.00 | 98.0 | RT | 1.0 | 1.0 |
| STA. 33+33.00 | 28.0 | RT | 1.0 | 1.0 |
| STA. 36+77.00 | 35.0 | RT | 1.0 | 1.0 |
| STA. 41+31.00 | 35.0 | RT | 1.0 | 1.0 |
| STA. 42+92.00 | 59.0 | RT | 1.0 | 1.0 |
| STA. 44+33.00 | 83.0 | RT | 1.0 | 1.0 |
| STA. 26+81.00 | 5.0 | LT | 1.0 | 1.0 |
| STA. 27+00.00 | 35.0 | LT | 1.0 | 1.0 |
| STA. 30+00.00 | 54.0 | LT | 1.0 | |
| STA. 30+18.00 | 35.0 | LT | 1.0 | 1.0 |
| STA. 33+32.00 | 53.0 | LT | 1.0 | 1.0 |
| STA. 33+33.00 | 35.0 | LT | 1.0 | 1.0 |
| STA. 33+58.00 | 54.0 | LT | 1.0 | |
| STA. 35+22.00 | 52.0 | LT | 1.0 | 1.0 |
| STA. 35+48.00 | 51.0 | LT | 1.0 | |
| STA. 36+78.00 | 51.0 | LT | 1.0 | 1.0 |
| STA. 36+78.00 | 35.0 | LT | 1.0 | 1.0 |
| STA. 37+04.00 | 52.0 | LT | 1.0 | |
| STA. 40+83.00 | 35.0 | LT | 1.0 | 1.0 |
| TOTAL | | | 25.0 | 20.0 |

| TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET | | | 28001200 |
|--|--------|-------|---------------|
| LOCATION | LENGTH | WIDTH | AREA |
| STATION TO STATION | FOOT | FOOT | SQ YD |
| STA. 26+18.00 LT TO STA. 26+65.00 LT | 47.0 | 8.0 | 41.8 |
| STA. 26+75.00 LT TO STA. 26+96.00 LT | 21.0 | 8.0 | 18.7 |
| STA. 30+12.00 LT TO STA. 33+32.00 LT | 320.0 | 8.0 | 284.4 |
| STA. 33+32.00 LT TO STA. 36+78.00 LT | 346.0 | 8.0 | 307.6 |
| STA. 37+03.00 LT TO STA. 38+50.00 LT | 147.0 | 8.0 | 130.7 |
| STA. 38+50.00 LT TO STA. 40+72.00 LT | 222.0 | 8.0 | 197.3 |
| STA. 28+08.00 RT TO STA. 31+25.00 RT | 110.0 | 8.0 | 97.8 |
| STA. 33+50.00 RT TO STA. 36+00.00 RT | 250.0 | 8.0 | 222.2 |
| TOTAL | | | 1301.0 |

| TEMPORARY FENCE | | | | 20101000 |
|-----------------|--------|-------|--------------|----------|
| LOCATION | | | LENGTH | |
| STATION | OFFSET | RT/LT | FOOT | |
| STA. 31+20.00 | 0.2 | RT | 32.0 | |
| STA. 31+97.00 | 0.3 | RT | 32.0 | |
| STA. 32+76.00 | 0.1 | RT | 32.0 | |
| STA. 33+55.00 | 0.1 | LT | 32.0 | |
| STA. 34+35.00 | 0.0 | LT | 32.0 | |
| STA. 35+14.00 | 0.0 | RT | 32.0 | |
| STA. 35+93.00 | 0.2 | RT | 32.0 | |
| STA. 36+74.00 | 0.8 | LT | 32.0 | |
| STA. 37+53.00 | 0.9 | LT | 32.0 | |
| STA. 38+33.00 | 0.6 | LT | 32.0 | |
| STA. 39+11.00 | 0.6 | LT | 32.0 | |
| STA. 39+90.00 | 0.2 | LT | 32.0 | |
| TOTAL | | | 384.0 | |

| RIPRAP AND FILTER FABRIC SCHEDULE | | | 28100105 | 28100107 | 28200200 |
|-----------------------------------|--------|-------|-------------------------|-------------------------|---------------|
| LOCATION | LENGTH | WIDTH | STONE RIP-RAP, CLASS A3 | STONE RIP-RAP, CLASS A4 | FILTER FABRIC |
| | | | AREA | AREA | AREA |
| STATION | FOOT | FOOT | SQ YD | SQ YD | SQ YD |
| STA. 26+76.00 LT | 12.0 | 8.0 | 10.7 | | |
| STA. 28+02.00 RT | 12.0 | 8.0 | 10.7 | | |
| STA. 30+02.00 LT | 12.0 | 8.0 | 10.7 | | |
| STA. 31+78.00 TO STA. 33+50.00 RT | 175.0 | 12.0 | | 233.3 | 233.3 |
| STA. 33+54.00 LT | 12.0 | 8.0 | 10.7 | | |
| STA. 35+44.00 LT | 12.0 | 8.0 | 10.7 | | |
| STA. 37+00.00 LT | 12.0 | 8.0 | 10.7 | | |
| STA. 40+54.00 TO STA. 41+73.00 LT | 140.0 | 12.0 | | 186.7 | 186.7 |
| TOTAL | | | 64.0 | 420.0 | 420.0 |

| COMBINATION CURB AND GUTTER REMOVAL | | | 44000500 |
|-------------------------------------|-------|--------|----------|
| LOCATION | | LENGTH | FOOT |
| STATION TO STATION | RT/LT | | |
| STA. 25+15.95 TO STA. 25+45.58 | RT | | 47.0 |
| STA. 25+79.67 TO STA. 40+29.18 | RT | | 1485.3 |
| STA. 40+57.72 TO STA. 44+69.08 | RT | | 494.8 |
| STA. 30+02.91 TO STA. 44+61.83 | LT | | 1511.6 |
| STA. 26+01.43 TO STA. 40+25.49 | RT/LT | | 2856.4 |
| STA. 40+73.46 TO STA. 44+57.88 | RT/LT | | 774.9 |
| STA. 44+44.67 TO STA. 44+66.76 | RT | | 70.3 |
| STA. 44+47.71 TO STA. 44+64.32 | LT | | 54.7 |
| TOTAL | | | 7295.0 |

| STORM SEWER REMOVAL SCHEDULE | | 55100500 |
|---|--|-------------------------|
| LOCATION | | STORM SEWER REMOVAL 12" |
| STA. AND O/S TO STA. AND O/S | | LENGTH |
| | | FOOT |
| STA. 25+88.74, 42.1' RT TO STA. 26+12.76, 35.8' RT | | 24.8 |
| STA. 25+88.74, 42.1' RT TO STA. 26+98.74, 48.2' RT | | 110.2 |
| STA. 30+17.91, 35.3' LT TO STA. 30+17.91, 35.4' RT | | 69.8 |
| STA. 31+95.89, 96.5' RT TO STA. 33+39.40, 62.3' RT | | 148.4 |
| STA. 33+31.86, 52.4' LT TO STA. 33+32.92, 34.7' LT | | 17.8 |
| STA. 33+31.86, 52.4' LT TO STA. 35+21.89, 51.4' LT | | 190.0 |
| STA. 33+32.92, 34.7' LT TO STA. 33+33.32, 34.5' RT | | 69.1 |
| STA. 35+21.89, 51.4' LT TO STA. 35+37.97, 51.2' LT | | 16.1 |
| STA. 35+21.89, 51.4' LT TO STA. 36+77.72, 50.4' LT | | 155.8 |
| STA. 36+76.63, 34.4' RT TO STA. 36+77.54, 35.0' LT | | 69.4 |
| STA. 36+77.54, 35.0' LT TO STA. 36+77.72, 50.4' LT | | 15.4 |
| STA. 36+77.72, 50.4' LT TO STA. 36+93.49, 50.4' LT | | 15.8 |
| STA. 41+20.21, 83.3' LT TO STA. 41+59.05, 121.6' LT | | 54.6 |
| TOTAL | | 958.0 |

| PIPE UNDERDRAINS 6" | | 60107700 |
|--|--|----------|
| LOCATION | | LENGTH |
| STATION TO STATION | | FOOT |
| STA. 25+88.74, 42.05' RT TO STA. 25+95.88, 32.41' RT | | 12.0 |
| STA. 25+95.88, 32.41' RT TO STA. 27+75.00, 32.41' RT | | 179.1 |
| STA. 27+75.00, 34.29' RT TO STA. 30+11.91, 34.29' RT | | 236.9 |
| STA. 30+17.91, 34.29' RT TO STA. 33+27.32, 34.29' RT | | 309.4 |
| STA. 33+33.32, 34.29' RT TO STA. 36+70.64, 34.29' RT | | 337.3 |
| STA. 36+76.64, 34.29' RT TO STA. 41+25.19, 34.29' RT | | 448.6 |
| STA. 41+31.19, 35.27' RT TO STA. 41+37.10, 32.41' RT | | 6.5 |
| STA. 41+37.10, 32.41' RT TO STA. 43+37.10, 44.41' RT | | 200.4 |
| STA. 43+37.10, 44.41' RT TO STA. 43+80.97, 44.41' RT | | 43.9 |
| STA. 25+28.27, 34.29' LT TO STA. 26+93.99, 34.29' LT | | 165.7 |
| STA. 26+99.99, 34.29' LT TO STA. 30+11.91, 34.29' LT | | 311.9 |
| STA. 30+17.91, 34.29' LT TO STA. 33+26.97, 34.29' LT | | 309.1 |
| STA. 33+32.93, 34.29' LT TO STA. 36+71.54, 34.29' LT | | 338.6 |
| STA. 36+77.53, 34.29' LT TO STA. 40+76.49, 34.29' LT | | 399.0 |
| STA. 40+82.49, 34.29' LT TO STA. 43+73.71, 34.29' LT | | 291.2 |
| TOTAL | | 3590.0 |

| PIPE UNDERDRAINS, 6" (SPECIAL) | | 60108200 |
|--|--|----------|
| LOCATION | | UNIT |
| STATION TO STATION | | FOOT |
| STA. 25+16.22, 65.7' LT TO STA. 25+28.27, 34.3' LT | | 33.7 |
| TOTAL | | 33.7 |

| CONCRETE HEADWALLS FOR PIPE DRAINS | | 60100060 |
|------------------------------------|--|----------|
| LOCATION | | UNIT |
| STATION | | EACH |
| STA. 25+16.22, 65.7' LT | | 1.0 |
| TOTAL | | 1.0 |

| SIDEWALK REMOVAL | | | | | 44000600 |
|--------------------------------|-------|--------|-------|---------|----------|
| LOCATION | | LENGTH | WIDTH | AREA | |
| STATION TO STATION | RT/LT | FOOT | FOOT | SQ FT | |
| STA. 25+80.22 TO STA. 40+21.95 | RT | 1447.8 | 5.0 | 7238.9 | |
| STA. 40+64.65 TO STA. 44+69.09 | RT | 484.8 | 8.0 | 3878.3 | |
| STA. 30+03.00 TO STA. 43+74.55 | LT | 1371.6 | 5.0 | 6857.8 | |
| STA. 43+74.55 TO STA. 44+39.28 | LT | 70.6 | 6.0 | 423.3 | |
| TOTAL | | | | 18399.0 | |

| MEDIAN REMOVAL | | | | 44003100 |
|--------------------------------|--------|--------|--------|----------|
| LOCATION | LENGTH | WIDTH | AREA | |
| STATION TO STATION | FOOT | FOOT | SQ FT | |
| STA. 26+17.59 TO STA. 27+78.73 | 161.1 | VARIES | 606.6 | |
| STA. 40+74.16 TO STA. 44+57.38 | 383.2 | 2.9 | 1111.3 | |
| TOTAL | | | | 1718.0 |

| PAVED SHOULDER REMOVAL | | | | | | 44004250 |
|--------------------------------|-------|--------|--------|--------|-------|----------|
| LOCATION | | LENGTH | WIDTH | AREA | AREA | |
| STATION TO STATION | RT/LT | FOOT | FOOT | SQ FT | SQ YD | |
| STA. 25+14.28 TO STA. 30+03.00 | LT | 488.7 | VARIES | 3796.0 | 421.8 | |
| TOTAL | | | | 422.0 | | |

| PROTECTIVE COAT | | | 48301000 |
|--------------------------------------|----------|---------|----------|
| LOCATION | AREA | AREA | |
| STATION TO STATION | SQ FT | SQ YD | |
| STA. 25+14.28 TO STA. 44+67.21 | 111890.0 | 12432.2 | |
| RHODORA INTERSECTION | 1326.9 | 147.4 | |
| STA. 25+14.30 LT TO STA. 43+73.71 LT | 13015.9 | 1446.2 | |
| STA. 43+73.71 LT TO STA. 44+19.83 LT | 290.0 | 32.2 | |
| STA. 44+19.83 LT TO STA. 44+38.58 LT | 147.6 | 16.4 | |
| STA. 25+08.43 RT TO STA. 25+36.79 RT | 170.3 | 18.9 | |
| STA. 25+90.97 RT TO STA. 26+10.47 RT | 108.0 | 12.0 | |
| STA. 26+10.47 RT TO STA. 40+02.23 RT | 9742.3 | 1082.5 | |
| STA. 40+02.23 RT TO STA. 40+22.23 RT | 104.8 | 11.6 | |
| STA. 40+64.23 RT TO STA. 40+84.69 RT | 115.0 | 12.8 | |
| STA. 40+84.69 RT TO STA. 41+36.78 RT | 390.7 | 43.4 | |
| STA. 41+36.78 RT TO STA. 43+36.76 RT | 1502.6 | 167.0 | |
| STA. 43+36.76 RT TO STA. 43+80.97 RT | 331.6 | 36.8 | |
| STA. 43+80.97 RT TO STA. 44+38.29 RT | 525.0 | 58.3 | |
| STA. 44+38.29 RT TO STA. 44+61.89 RT | 551.5 | 61.3 | |
| TOTAL | | | 15580.0 |

| PROPOSED STORM SEWER STRUCTURE SCHEDULE | | | | | | | | | | | | |
|---|----------|--------|-------|--|---------------|--|-----------------------|---|---|---|------------------|---|
| STRUCTURE NUMBER | STATION | OFFSET | RT/LT | STRUCTURE & CASTING TYPE | RIM ELEVATION | INVERT ELEVATIONS IN | INVERT ELEVATIONS OUT | 60218400 | 60219000 | 60221700 | X6020082 | X6022230 |
| | | | | | | | | MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID | MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE | MANHOLES, TYPE A, 5'-DIAMETER, TYPE 8 GRATE | INLETS, TYPE G-1 | MANHOLES TYPE A, 4' DIAMETER, SPECIAL FRAME & GRATE |
| | | | | | | | | UNIT | UNIT | UNIT | UNIT | UNIT |
| | | | | | | | | EACH | EACH | EACH | EACH | EACH |
| 1 | 25+87.47 | 40.63 | RT | MANHOLE, TYPE A, 4' DIAMETER, SPECIAL FRAME & GRATE | 514.72 | 510.11, 12" NW (E) 509.41, 12" E | (E) 509.21, 15" SW | | | | | 1.0 |
| 2 | 26+12.76 | 33.00 | RT | INLET, TYPE G-1 | 516.06 | 513.29, 12" N | 513.00, 12" SE | | | | 1.0 | |
| 2A | 27+75.00 | 33.00 | RT | INLET, TYPE G-1 | 525.37 | 517.50, 12" E | 517.30, 12" S | | | | 1.0 | |
| 2B | 27+75.00 | 57.43 | RT | MANHOLE, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID | 529.00 | 525.04, 18" N | 517.72, 12" W | 1.0 | | | | |
| 3 | 33+33.32 | 33.00 | RT | INLET, TYPE G-1 | 558.87 | - | 555.89, 12" W | | | | 1.0 | |
| 4 | 36+76.63 | 33.00 | RT | INLET, TYPE G-1 | 579.47 | - | 576.50, 12" W | | | | 1.0 | |
| 5 | 41+31.35 | 33.00 | RT | INLET, TYPE G-1 | 606.75 | - | (E) 604.22, 12" SE | | | | 1.0 | |
| 7 | 40+82.49 | 33.00 | LT | INLET, TYPE G-1 | 603.82 | - | 594.42, 15" W | | | | 1.0 | |
| 8 | 36+77.57 | 33.00 | LT | INLET, TYPE G-1 | 579.52 | 575.40, 12" E | 575.20, 15" W | | | | 1.0 | |
| 9 | 33+32.92 | 33.00 | LT | INLET, TYPE G-1 | 558.85 | 555.40, 12" E | 555.20, 12" W | | | | 1.0 | |
| 11 | 35+21.88 | 50.43 | LT | MANHOLE, TYPE A, 4'-DIAMETER, TYPE 8 GRATE | 569.23 | 566.22, 18" N 563.58, 15" N | 559.19, 15" S | 1.0 | | | | |
| 12 | 33+31.86 | 52.44 | LT | MANHOLE, TYPE A, 5'-DIAMETER, TYPE 8 GRATE | 557.32 | 550.64, 15" N (E) 546.75, 24" NW 554.06, 18" NW 554.48, 12" E | (E) 542.20, 24" S | | | 1.0 | | |
| 13 | 30+17.91 | 33.00 | RT | INLET, TYPE G-1 | 539.94 | - | 537.10, 12" W | | | | 1.0 | |
| 14 | 30+17.91 | 33.00 | LT | INLET, TYPE G-1 | 539.94 | 536.49, 12" E | (E) 536.44, 12" SW | | | | 1.0 | |
| 17 | 36+77.72 | 50.43 | LT | MANHOLE, TYPE A, 4'-DIAMETER, TYPE 8 GRATE | 578.75 | 575.54, 18" N 574.80, 15" E | 569.45, 15" S | 1.0 | | | | |
| 18 | 27+00.00 | 33.00 | LT | INLET, TYPE G-1 | 520.87 | - | 518.37, 12" SW | | | | 1.0 | |
| TOTAL | | | | | | | | 1.0 | 2.0 | 1.0 | 11.0 | 1.0 |

| PROPOSED STORM SEWER SCHEDULE | | | | | | | | | | | | | | | | | | | |
|--|--------------------|--------------|---------------|--------------|---------------|--------------------|---|------------------------|------------------------|------------|---|---|---|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|----------------------------------|
| LOCATION | STRUCT. TO STRUCT. | UP RIM ELEV. | UP INV. ELEV. | DN RIM ELEV. | DN INV. ELEV. | STORM SEWER LENGTH | AVG TRENCH DEPTH (Subgrade to Invert of Pipe) | TRENCH BACKFILL LENGTH | VOLUME PER LINEAL FOOT | PIPE SLOPE | 54213657 | 54213660 | 54213663 | 550A0050 | 550A0090 | 550A0340 | 550A0360 | 550A0640 | 59300100 |
| | | | | | | | | | | | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12" | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15" | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18" | STORM SEWERS, CLASS A, TYPE 1 12" | STORM SEWERS, CLASS A, TYPE 1 18" | STORM SEWERS, CLASS A, TYPE 2 12" | STORM SEWERS, CLASS A, TYPE 2 15" | STORM SEWERS, CLASS A, TYPE 3 12" | CONTROLLED LOW-STRENGTH MATERIAL |
| | | | | | | | | | | | UNIT EACH | UNIT EACH | UNIT EACH | LENGTH FOOT | LENGTH FOOT | LENGTH FOOT | LENGTH FOOT | LENGTH FOOT | VOLUME CU YD |
| STA. 40+82.49, 33.00' LT TO STA. 40+82.52, 62.10' LT | 7 TO FES | 603.82 | 594.42 | - | 594.15 | 26.8 | 8.69 | 9.0 | 1.35 | 1.00% | | | | | | | 26.8 | | 12.1 |
| STA. 36+97.69, 51.50' LT TO STA. 36+77.72, 50.43' LT | FES TO 17 | - | 579.84 | 578.75 | 575.54 | 20.0 | | | | 21.50% | | | | | | | | | |
| STA. 36+76.63, 33.00' RT TO STA. 36+77.57, 33.00' LT | 4 TO 8 | 579.47 | 576.50 | 579.52 | 575.40 | 66.0 | 2.38 | 66.0 | 0.17 | 1.67% | | | | | 66.0 | | | | 11.4 |
| STA. 36+77.57, 33.00' LT TO STA. 36+77.72, 50.43' LT | 8 TO 17 | 579.52 | 575.20 | 578.75 | 574.80 | 15.0 | 3.80 | 9.0 | 0.33 | 2.67% | | | | | | | | 15.0 | 3.0 |
| STA. 36+77.72, 50.43' LT TO STA. 35+21.88, 50.43' LT | 17 TO 11 | 578.75 | 569.45 | 569.23 | 563.58 | 155.8 | | | | 3.76% | | | | | | | | 155.8 | |
| STA. 35+41.88, 50.43' RT TO STA. 35+21.88, 50.43' LT | FES TO 11 | - | 570.84 | 569.23 | 566.22 | 20.0 | | | | 23.10% | | | | | 1.0 | | 20.0 | | |
| STA. 35+21.88, 50.43' LT TO STA. 33+31.86, 52.44' LT | 11 TO 12 | 569.23 | 559.19 | 557.32 | 550.64 | 190.0 | | | | 4.50% | | | | | | | | 190.0 | |
| STA. 33+33.32, 33.00' RT TO STA. 33+32.92, 33.00' LT | 3 TO 9 | 558.87 | 555.89 | 558.85 | 555.40 | 66.0 | 2.05 | 66.0 | 0.14 | 0.74% | | | | | 66.0 | | | | 9.0 |
| STA. 33+32.92, 33.00' LT TO STA. 33+31.86, 52.44' LT | 9 TO 12 | 558.85 | 555.20 | 557.32 | 554.48 | 17.8 | 2.58 | 9.0 | 0.19 | 4.04% | | | | | | | 17.8 | | 1.7 |
| STA. 33+51.82, 53.60' LT TO STA. 33+31.86, 52.44' LT | FES TO 12 | - | 558.50 | 557.32 | 554.06 | 20.0 | | | | 22.20% | | | | | 1.0 | | 20.0 | | |
| STA. 30+17.91, 33.00' RT TO STA. 30+17.91, 33.00' LT | 13 TO 14 | 539.94 | 537.10 | 539.94 | 536.49 | 66.0 | 1.98 | 66.0 | 0.13 | 0.92% | | | | | 66.0 | | | | 8.7 |
| STA. 27+00.00, 33.00' LT TO STA. 26+77.88, 57.31' LT | 18 TO FES | 520.87 | 518.37 | - | 518.06 | 31.2 | 1.83 | 12.0 | 0.11 | 1.00% | 1.0 | | | | 31.2 | | | | 1.3 |
| STA. 28+02.20, 50.13' RT TO STA. 27+75.00, 57.43' RT | FES TO 2B | - | 526.55 | 529.00 | 525.04 | 28.2 | | | | 5.34% | | | | | | | | | |
| STA. 27+75.00, 57.43' RT TO STA. 27+75.00, 33.00' RT | 2B TO 2A | 529.00 | 517.72 | 525.37 | 517.50 | 22.1 | 8.91 | 9.0 | 1.32 | 1.00% | | | | | | | | 22.1 | 11.9 |
| STA. 27+75.00, 33.00' RT TO STA. 26+12.76, 33.00' RT | 2A TO 2 | 525.37 | 517.30 | 516.06 | 513.29 | 162.2 | 4.34 | 162.2 | 0.37 | 2.47% | | | | | | | 162.2 | | 60.4 |
| STA. 26+12.76, 33.00' RT TO STA. 25+87.47, 40.63' RT | 2 TO 1 | 516.06 | 513.29 | 514.72 | 510.11 | 25.1 | 3.02 | 25.1 | 0.24 | 11.51% | | | | | | | 25.1 | | 5.9 |
| TOTAL | | | | | | | | | | | 1.0 | 1.0 | 4.0 | 230.0 | 89.0 | 206.0 | 388.0 | 23.0 | 126.0 |

| STORM SEWER STRUCTURE REMOVAL SCHEDULE | | | | |
|--|------------------------------------|----------------------------|--------------------------|------|
| LOCATION | REMOVING | | | |
| | 50104400 CONCRETE HEADWALL REMOVAL | 60500040 REMOVING MANHOLES | 60500060 REMOVING INLETS | |
| | UNIT EACH | UNIT EACH | UNIT EACH | |
| STATION | OFFSET | RT/LT | | |
| 25+88.74 | 42.1 | RT | | |
| 26+12.78 | 35.8 | RT | | 1.0 |
| 26+98.74 | 48.2 | RT | | |
| 30+17.91 | 35.4 | RT | | 1.0 |
| 30+17.91 | 34.5 | LT | | 1.0 |
| 33+31.86 | 52.4 | LT | 1.0 | |
| 33+32.92 | 34.7 | LT | | 1.0 |
| 33+33.32 | 34.5 | RT | | 1.0 |
| 33+40.08 | 61.6 | RT | 1.0 | |
| 35+21.89 | 51.4 | LT | 1.0 | |
| 35+37.97 | 51.2 | LT | 1.0 | |
| 36+76.63 | 34.4 | RT | | 1.0 |
| 36+77.54 | 35.0 | LT | | 1.0 |
| 36+77.72 | 50.4 | LT | 1.0 | |
| 36+93.49 | 50.4 | LT | 1.0 | |
| 41+20.21 | 83.3 | LT | 1.0 | |
| 41+31.35 | 35.2 | RT | | 1.0 |
| 41+33.83 | 35.5 | LT | | 1.0 |
| 42+92.51 | 46.6 | RT | | 1.0 |
| TOTAL | | | 4.0 | 10.0 |

| CONCRETE MEDIAN SURFACE, 4 INCH | | | | 60618300 |
|--------------------------------------|--------|-------|--------|----------|
| LOCATION | LENGTH | WIDTH | AREA | |
| STATION TO STATION | FOOT | FOOT | SQ FT | |
| STA. 26+07.39 RT TO STA. 29+26.42 RT | 319.0 | 2.8 | 894.3 | |
| STA. 40+79.36 RT TO STA. 44+49.93 LT | 370.6 | 2.8 | 1029.9 | |
| TOTAL | | | | 1925.0 |

| COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 | | 60603800 |
|---|--------|----------|
| LOCATION | LENGTH | |
| STA. AND O/S TO STA. AND O/S | FOOT | |
| STA. 26+05.38, 9' RT TO STA. 26+22.48, 3' RT | 20.9 | |
| STA. 26+22.48, 3' RT TO STA. 29+26.38, 3' RT | 303.9 | |
| STA. 29+26.38, 3' RT TO STA. 31+26.38, 9' LT | 200.4 | |
| STA. 31+26.38, 9' LT TO STA. 39+93.46, 9' LT | 867.1 | |
| STA. 39+93.46, 9' LT TO STA. 40+26.10, 9' RT | 41.6 | |
| STA. 40+26.10, 9' RT TO STA. 40+93.46, 3' RT | 19.5 | |
| STA. 40+93.46, 3' RT TO STA. 41+36.89, 3' RT | 43.4 | |
| STA. 41+36.89, 3' RT TO STA. 43+36.89, 9' LT | 200.4 | |
| STA. 43+36.89, 9' LT TO STA. 44+33.77, 9' LT | 96.9 | |
| STA. 44+33.77, 9' LT TO STA. 44+49.51, 3' LT | 22.2 | |
| STA. 26+05.38, 9' RT TO STA. 40+26.10, 9' LT | 1420.7 | |
| STA. 40+77.75, 9' RT TO STA. 41+37.07, 9' LT | 59.3 | |
| STA. 41+37.07, 9' RT TO STA. 43+37.07, 3' LT | 200.4 | |
| STA. 43+37.07, 3' LT TO STA. 44+49.51, 3' LT | 112.4 | |
| TOTAL | | 3609.0 |

| FRAMES AND LIDS TO BE ADJUSTED | | | 60300305 |
|--------------------------------|--------|-------|----------|
| LOCATION | | UNIT | |
| STATION | OFFSET | RT/LT | EACH |
| 25+60.46 | 39.7 | RT | 1.0 |
| 26+80.49 | 4.4 | LT | 1.0 |
| 44+32.66 | 82.5 | RT | 1.0 |
| TOTAL | | | 3.0 |

| COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 | | 60605000 |
|---|--|----------|
| LOCATION | LENGTH | |
| STA. AND O/S TO STA. AND O/S | DESCRIPTION | FOOT |
| STA. 25+14.11, 33.0' RT TO STA. 25+47.50, 64.8' RT | SE CORNER OF RHODORA/STERLING | 52.2 |
| STA. 25+77.48, 63.9' RT TO STA. 26+07.47, 33.0' RT | NE CORNER OF RHODORA/STERLING | 48.0 |
| STA. 26+19.28, 33.0' RT TO STA. 27+68.48, 33.0' RT | | 149.2 |
| STA. 27+81.52, 33.0' RT TO STA. 30+11.39, 33.0' RT | | 229.9 |
| STA. 30+24.43, 33.0' RT TO STA. 33+26.81, 33.0' RT | | 302.4 |
| STA. 33+39.85, 33.0' RT TO STA. 36+70.14, 33.0' RT | | 330.3 |
| STA. 36+83.18, 33.0' RT TO STA. 41+24.67, 33.0' RT | | 441.5 |
| STA. 41+37.71, 33.0' RT TO STA. 43+37.07, 45.0' RT | | 200.4 |
| STA. 43+37.07, 45.0' RT TO STA. 43+80.97, 45.0' RT | | 43.9 |
| STA. 43+80.97, 45.0' RT TO STA. 44+71.47, 151.5' RT | SE CORNER OF NEBRASKA/STERLING | 157.9 |
| STA. 44+41.14 RT TO STA. 44+68.13 RT | ISLAND IN SE CORNER OF NEBRASKA/STERLING | 88.7 |
| STA. 40+05.96, 35.6' RT TO STA. 40+30.96, 62.0' RT | COMMERCIAL ENTRANCE TO AMT | 40.0 |
| STA. 40+55.96, 62.0' RT TO STA. 40+80.96, 35.6' RT | COMMERCIAL ENTRANCE TO AMT | 40.0 |
| STA. 25+13.87, 33.0' LT TO STA. 26+93.48, 33.0' LT | | 179.6 |
| STA. 27+06.52, 33.0' LT TO STA. 30+11.42, 33.0' LT | | 304.9 |
| STA. 30+24.46, 33.0' LT TO STA. 33+26.43, 33.0' LT | | 302.0 |
| STA. 33+39.47, 33.0' LT TO STA. 36+71.02, 33.0' LT | | 331.6 |
| STA. 36+84.06, 33.0' LT TO STA. 40+75.97, 33.0' LT | | 391.9 |
| STA. 40+89.02, 33.0' LT TO STA. 43+73.71, 33.0' LT | | 284.7 |
| STA. 43+73.71, 33.0' LT TO STA. 44+63.67, 125.5' LT | SW CORNER OF NEBRASKA/STERLING | 143.9 |
| STA. 44+42.99 LT TO STA. 44+66.28 LT | ISLAND IN SW CORNER OF NEBRASKA/STERLING | 80.2 |
| TOTAL | | 4144.0 |

| ISLAND PAVEMENT, 6" | | 60625600 |
|--|-------|-------------|
| LOCATION | AREA | AREA |
| | SQ FT | SQ YD |
| ISLAND IN SE CORNER OF STERLING AND NEBRASKA | 215.9 | 24.0 |
| ISLAND IN SW CORNER OF STERLING AND NEBRASKA | 141.5 | 15.7 |
| TOTAL | | 40.0 |

| STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS | | 63000001 |
|--|-------|--------------|
| LOCATION | RT/LT | LENGTH |
| STATION TO STATION | | FOOT |
| STA. 31+47.50 TO STA. 32+97.50 | RT | 150.0 |
| STA. 41+27.50 TO STA. 42+77.50 | LT | 150.0 |
| TOTAL | | 300.0 |

| TRAFFIC BARRIER TERMINAL, TYPE 2 | | 63100045 |
|----------------------------------|-------|------------|
| LOCATION | RT/LT | UNIT |
| STATION TO STATION | | EACH |
| STA. 32+97.50 TO STA. 33+10.00 | RT | 1.0 |
| STA. 41+15.00 TO STA. 41+27.50 | LT | 1.0 |
| TOTAL | | 2.0 |

| TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT | | 63100167 |
|--|-------|------------|
| LOCATION | RT/LT | UNIT |
| STATION TO STATION | | EACH |
| STA. 30+97.50 TO STA. 31+47.50 | RT | 1.0 |
| STA. 42+77.50 TO STA. 43+27.50 | LT | 1.0 |
| TOTAL | | 2.0 |

| GUARDRAIL REMOVAL | | 63200310 |
|--------------------------------|-------|--------------|
| LOCATION | RT/LT | LENGTH |
| STATION TO STATION | | FOOT |
| STA. 31+07.61 TO STA. 32+32.93 | RT | 125.0 |
| STA. 40+90.52 TO STA. 42+65.58 | LT | 175.0 |
| TOTAL | | 300.0 |

| ENGINEER'S FIELD OFFICE, TYPE A | | 67000400 |
|---------------------------------|--------|------------|
| LOCATION | CAL MO | UNIT |
| LOCATION TO BE DETERMINED | 8.0 | |
| TOTAL | | 8.0 |

| MOBILIZATION | | 67100100 |
|--------------|-------|------------|
| LOCATION | L SUM | UNIT |
| ENTIRE JOB | 1.0 | |
| TOTAL | | 1.0 |

| TEMPORARY PAVEMENT MARKING SCHEDULE | 70300210 | 70300220 | 70300280 | 70301000 |
|-------------------------------------|--|--------------------------------------|---------------------------------------|------------------------------------|
| LOCATION | TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS | TEMPORARY PAVEMENT MARKING - LINE 4" | TEMPORARY PAVEMENT MARKING - LINE 24" | WORK ZONE PAVEMENT MARKING REMOVAL |
| | WHITE SOLID | WHITE SKIP DASH | WHITE SOLID | AREA |
| | SQ FT | FOOT | FOOT | SQ FT |
| STA. 25+14.28 TO STA. 44+67.21 LT | | 980.0 | | 326.3 |
| STA. 25+14.28 TO STA. 44+67.21 RT | | 980.0 | | 326.3 |
| STA. 26+50.00, 3.0' LT | 15.6 | | | 15.6 |
| STA. 29+00.00, 3.0' LT | 15.6 | | | 15.6 |
| STA. 41+15.00, 3.0' LT | 15.6 | | | 15.6 |
| STA. 43+45.00, 3.0' RT | 15.6 | | | 15.6 |
| STA. 43+45.00, 39.0' RT | 15.6 | | | 15.6 |
| STA. 43+95.00, 39.0' RT | 15.6 | | | 15.6 |
| STA. 44+35.00, 3.0' RT | 15.6 | | | 15.6 |
| NB STERLING AT NEBRASKA | | | 122.0 | 244.0 |
| EB & WB NEBRASKA AT PARK RD. | | | 175.0 | 350.0 |
| TOTAL | 110.0 | 1960.0 | 297.0 | 1356.0 |

| SIGNING SCHEDULE | | | | 72000100 | 72400100 | 72400500 |
|------------------|--------|-------|----------------------------------|---------------------|-------------------------------------|---------------------------------------|
| LOCATION | | | | SIGN PANEL - TYPE 1 | REMOVE SIGN PANEL ASSEMBLY - TYPE A | RELOCATE SIGN PANEL ASSEMBLY - TYPE A |
| STATION | OFFSET | RT/LT | DESCRIPTION | AREA | UNIT | UNIT |
| | | | | SQ FT | EACH | EACH |
| 25+28.00 | 40.8 | RT | BUS STOP | | 1.0 | |
| 25+14.73 | 44.6 | RT | BUS STOP | | | 1.0 |
| 25+37.71 | 52.8 | RT | RESIDENT TRAFFIC ONLY | 5.0 | 1.0 | |
| 25+82.71 | 51.8 | RT | STOP (R1-1) | | 1.0 | |
| 25+83.83 | 54.3 | RT | STOP (R1-1) | 9.0 | | |
| 26+16.53 | 6.7 | RT | KEEP RIGHT (R4-7) | | 1.0 | |
| 26+22.47 | 6.0 | RT | KEEP RIGHT (R4-7) | 5.0 | | |
| 27+68.58 | 45.4 | RT | SPEED LIMIT 45 MPH (R2-1) | 7.5 | 1.0 | |
| 40+84.11 | 5.5 | RT | KEEP RIGHT (R4-7) | | 1.0 | |
| 40+93.46 | 6.0 | RT | KEEP RIGHT (R4-7) | 5.0 | | |
| 41+57.95 | 5.5 | RT | LEFT TURN LANE | | 2.0 | |
| 42+25.00 | 0.7 | RT | LEFT LANE MUST TURN LEFT (R3-7L) | 9.0 | | |
| 42+25.00 | 0.7 | RT | LEFT LANE MUST TURN LEFT (R3-7L) | 9.0 | | |
| 41+82.09 | 43.7 | LT | SPEED LIMIT 45 MPH (R2-1) | 7.5 | 1.0 | |
| 44+51.66 | 7.3 | LT | KEEP RIGHT (R4-7) | | 1.0 | |
| 44+33.77 | 6.0 | LT | KEEP RIGHT (R4-7) | 5.0 | | |
| TOTAL | | | | 62.0 | 10.0 | 1.0 |

| RIVER ROCK, 6" | | K1001980 |
|--------------------------------|-------|-------------|
| LOCATION | RT/LT | AREA |
| STATION TO STATION | | SQ YD |
| STA. 41+50.00 TO STA. 43+15.00 | RT | 78.0 |
| TOTAL | | 78.0 |

| TREE TRANSPLANT | | K1005875 |
|--|-------|------------|
| LOCATION | RT/LT | UNIT |
| FROM STATION TO STATION | | EACH |
| 28+82.00, 0.3' RT TO 32+76.00, 0.0' LT | | 1.0 |
| 29+62.00, 0.3' RT TO 34+35.00, 0.0' LT | | 1.0 |
| 30+40.00, 0.1' RT TO 30+75.00, 1.0' RT | | 1.0 |
| TOTAL | | 3.0 |

| GUARDRAIL MARKERS, TYPE A | | 78200410 |
|--------------------------------|-------|------------|
| LOCATION | RT/LT | UNIT |
| STATION TO STATION | | EACH |
| STA. 30+97.50 TO STA. 33+10.00 | RT | 4.0 |
| STA. 41+15.00 TO STA. 43+27.50 | LT | 4.0 |
| TOTAL | | 8.0 |

| TERMINAL MARKER - DIRECT APPLIED | | 78201000 |
|----------------------------------|--------|------------|
| LOCATION | RT/LT | UNIT |
| STATION | OFFSET | EACH |
| STA. 30+97.50 | 46.0 | 1.0 |
| STA. 43+27.50 | 46.0 | 1.0 |
| TOTAL | | 2.0 |

| HANDHOLE | | 81400100 |
|---------------|--------|------------|
| LOCATION | RT/LT | EACH |
| STATION | OFFSET | EACH |
| STA. 44+54.62 | 6.8 | 1.0 |
| STA. 44+58.57 | 38.0 | 1.0 |
| STA. 42+99.81 | 48.8 | 1.0 |
| TOTAL | | 3.0 |

| REMOVING EXISTING HANDHOLE | | 89502380 |
|----------------------------|--------|------------|
| LOCATION | RT/LT | EACH |
| STATION | OFFSET | EACH |
| STA. 44+54.62 | 6.8 | 1.0 |
| STA. 44+58.57 | 38.0 | 1.0 |
| STA. 42+99.81 | 48.8 | 1.0 |
| TOTAL | | 3.0 |

| PLUG EXISTING DRAINS | | X0301280 |
|----------------------|--------|------------|
| LOCATION | RT/LT | UNIT |
| STATION | OFFSET | EACH |
| 41+57.92 | 120.5 | 1.0 |
| TOTAL | | 1.0 |

| REMOVE EXISTING FLARED END SECTION | | X0322936 |
|------------------------------------|--------|------------|
| LOCATION | RT/LT | UNIT |
| STATION | OFFSET | EACH |
| STA. 26+98.74 | 48.2 | 1.0 |
| TOTAL | | 1.0 |

| WASHOUT BASIN | | X0326806 |
|---------------------------|-------|------------|
| LOCATION | L SUM | UNIT |
| LOCATION TO BE DETERMINED | 1.0 | |
| TOTAL | | 1.0 |

| PAVEMENT MARKING SCHEDULE | | 78009000 | 78009004 | | 78009006 | 78009008 | | 78009012 | 78009024 | 78100100 | X7830068 | X7830070 | X7830074 | X7830076 | X7830078 | X7830090 |
|--------------------------------|--------|--|--|--|--|--|--|---|---|-----------------------------------|--|---|---|---|--|--|
| LOCATION | LENGTH | MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS | MODIFIED URETHANE PAVEMENT MARKING - LINE 4" | MODIFIED URETHANE PAVEMENT MARKING - LINE 4" | MODIFIED URETHANE PAVEMENT MARKING - LINE 6" | MODIFIED URETHANE PAVEMENT MARKING - LINE 8" | MODIFIED URETHANE PAVEMENT MARKING - LINE 8" | MODIFIED URETHANE PAVEMENT MARKING - LINE 12" | MODIFIED URETHANE PAVEMENT MARKING - LINE 24" | RAISED REFLECTIVE PAVEMENT MARKER | GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS AND SYMBOLS | GROOVING FOR RECESSED PAVEMENT MARKING 5" | GROOVING FOR RECESSED PAVEMENT MARKING 7" | GROOVING FOR RECESSED PAVEMENT MARKING 9" | GROOVING FOR RECESSED PAVEMENT MARKING 13" | GROOVING FOR RECESSED PAVEMENT MARKING 25" |
| | | WHITE SOLID | YELLOW SOLID | WHITE SOLID | WHITE SKIP DASH | WHITE SOLID | WHITE SKIP DASH | YELLOW SOLID | WHITE SOLID | CRYSTAL, ONE-WAY | AREA | LENGTH | LENGTH | LENGTH | LENGTH | LENGTH |
| STATION TO STATION | | FOOT | SQ FT | FOOT | FOOT | FOOT | FOOT | FOOT | FOOT | EACH | SQ FT | FOOT | FOOT | FOOT | FOOT | FOOT |
| STA. 25+14.28 TO STA. 25+47.96 | | 33.68 | | 151.0 | | | | 20.6 | | | | 151.0 | | | 20.6 | |
| STA. 25+14.28 TO STA. 26+07.47 | | 93.19 | | | 193.9 | 50.0 | | | | 16.6 | 5.0 | 193.9 | 50.0 | | | 16.6 |
| STA. 26+07.47 TO STA. 31+26.38 | | 518.91 | 31.2 | 1046.1 | 1037.8 | 260.0 | 320.0 | 50.0 | | 26.0 | 31.2 | 2083.9 | 260.0 | 370.0 | | |
| STA. 31+26.38 TO STA. 39+93.46 | | 867.08 | | 1734.2 | 1734.2 | 430.0 | | | | 43.0 | | 3468.3 | 430.0 | | | |
| STA. 39+93.46 TO STA. 44+67.21 | | 473.75 | 78.0 | 828.6 | 1050.8 | 270.0 | 650.7 | 150.0 | | 83.0 | 24.0 | 1879.4 | 270.0 | 800.7 | | 83.0 |
| SUBTOTAL | | - | - | 3759.9 | 4016.7 | - | 970.7 | 200.0 | - | - | - | - | - | - | - | - |
| TOTAL | | 110.0 | - | 7777.0 | - | 1010.0 | 1171.0 | 21.0 | 100.0 | 98.0 | 110.0 | 7777.0 | 1010.0 | 1171.0 | 21.0 | 100.0 |

| LOCATING UNDERGROUND UTILITIES | | | | | X0327235 |
|--------------------------------|-------------|-----------|----------|-------|----------|
| LOCATION | FIBER OPTIC | TELEPHONE | SANITARY | TOTAL | |
| STATION | FOOT | FOOT | FOOT | FOOT | |
| STA. 25+87 RT | 5.0 | 5.0 | | 10.0 | |
| STA. 26+12 RT | 5.0 | | | 5.0 | |
| STA. 27+00 RT | 5.0 | | | 5.0 | |
| STA. 27+75 RT | 5.0 | 5.0 | 10.0 | 20.0 | |
| STA. 30+17 RT | 5.0 | | | 5.0 | |
| STA. 31+00 RT | | 5.0 | | 5.0 | |
| STA. 32+00 RT | | 5.0 | | 5.0 | |
| STA. 33+00 RT | | 5.0 | | 5.0 | |
| STA. 33+33 RT | 5.0 | | | 5.0 | |
| STA. 36+76 RT | 5.0 | | | 5.0 | |
| STA. 38+35 RT | | 10.0 | | 10.0 | |
| STA. 40+00 RT | 5.0 | 5.0 | | 10.0 | |
| STA. 41+00 RT | 5.0 | 5.0 | | 10.0 | |
| STA. 41+31 RT | 5.0 | | | 5.0 | |
| STA. 42+30 RT | 5.0 | 5.0 | | 10.0 | |
| STA. 43+35 RT | | 10.0 | | 10.0 | |
| TOTAL | | | | 125.0 | |

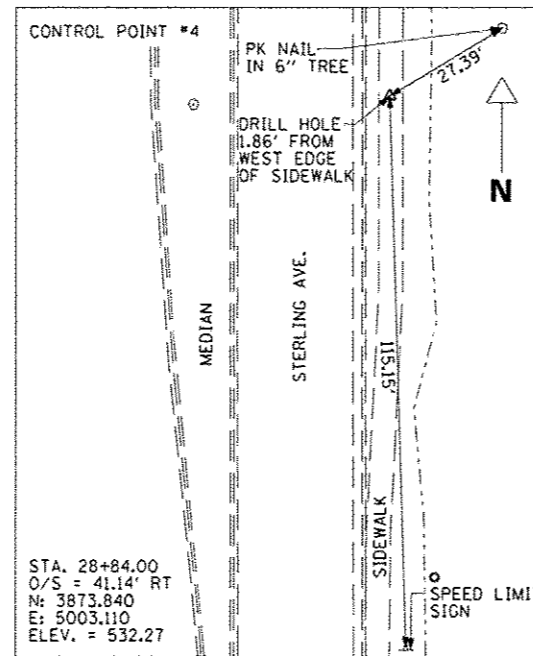
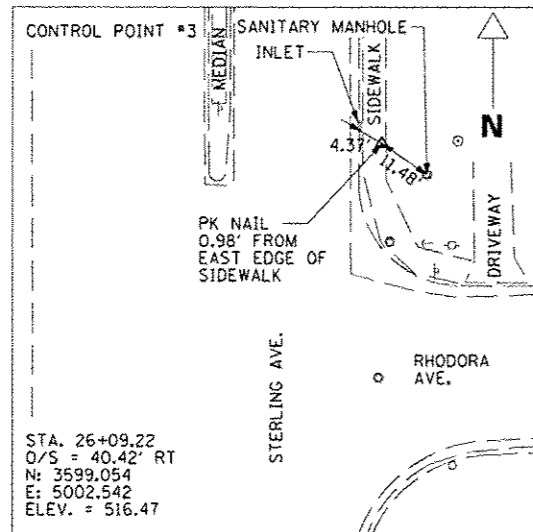
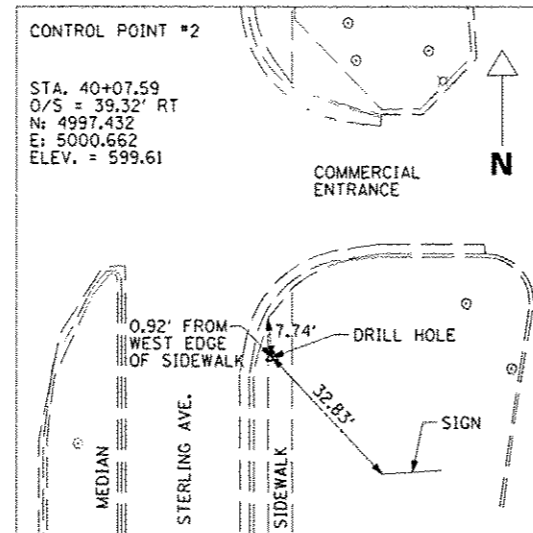
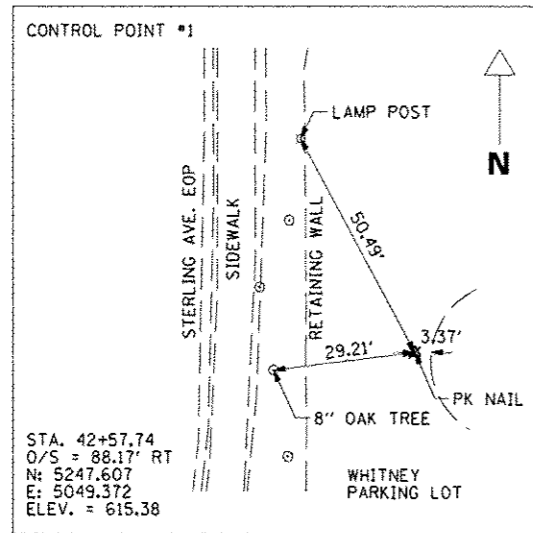
| TRAFFIC CONTROL AND PROTECTION (SPECIAL) | | X7010216 |
|--|------|----------|
| LOCATION | UNIT | |
| STATION | LSUM | |
| ENTIRE JOB | 1.0 | |
| TOTAL | | 1.0 |

| CONSTRUCTION LAYOUT | | Z0013798 |
|---------------------|------|----------|
| LOCATION | UNIT | |
| STATION | LSUM | |
| ENTIRE JOB | 1.0 | |
| TOTAL | | 1.0 |

| ISLAND REMOVAL | | | | X4402805 |
|--------------------------------|--------|--------|-------|----------|
| LOCATION | LENGTH | WIDTH | AREA | |
| STATION TO STATION | FOOT | FOOT | SQ FT | |
| STA. 44+45.52 TO STA. 44+65.81 | 20.3 | VARIES | 232.5 | |
| STA. 44+48.50 TO STA. 44+64.16 | 15.7 | VARIES | 134.9 | |
| TOTAL | | | 368.0 | |

| ABANDON AND FILL EXISTING STORM SEWER | | X5509900 |
|--|--------|----------|
| LOCATION | LENGTH | |
| STA. AND O/S TO STA. AND O/S | FOOT | |
| STA. 41+33.83, 35.5' LT TO STA. 41+33.86, 94.4' LT | 58.9 | |
| TOTAL | | 59.0 |

CONTROL POINTS

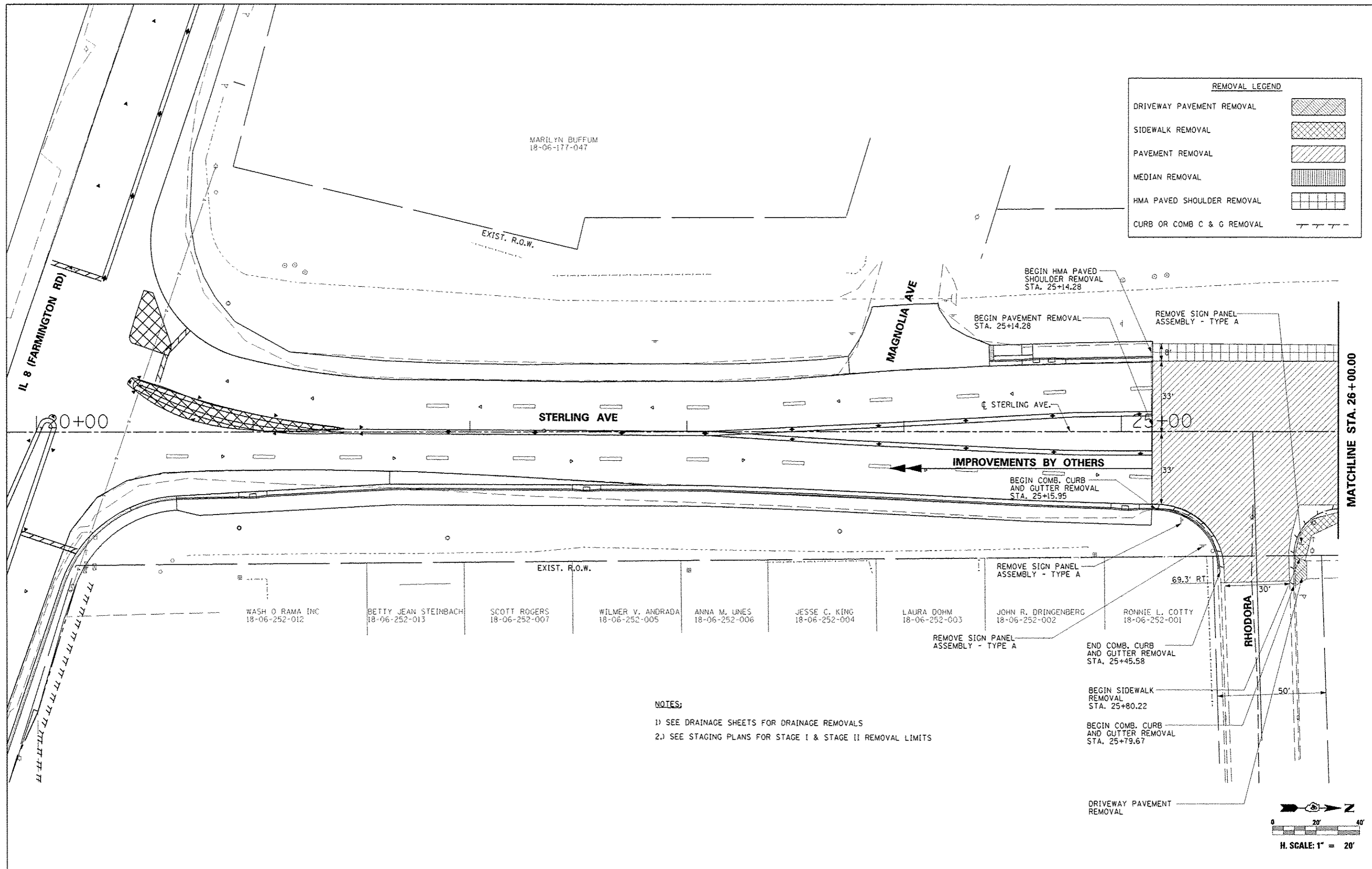


CENTERLINE CONTROL POINTS

| LOCATION | SIA | O/S | NORTHING | EASTING |
|--------------------|----------|-------|----------|----------|
| BEGIN IMPROVEMENTS | 25+14.28 | 0.00' | 3504.096 | 4962.177 |
| END IMPROVEMENTS | 44+67.21 | 0.00' | 5457.020 | 4961.083 |

BENCHMARKS

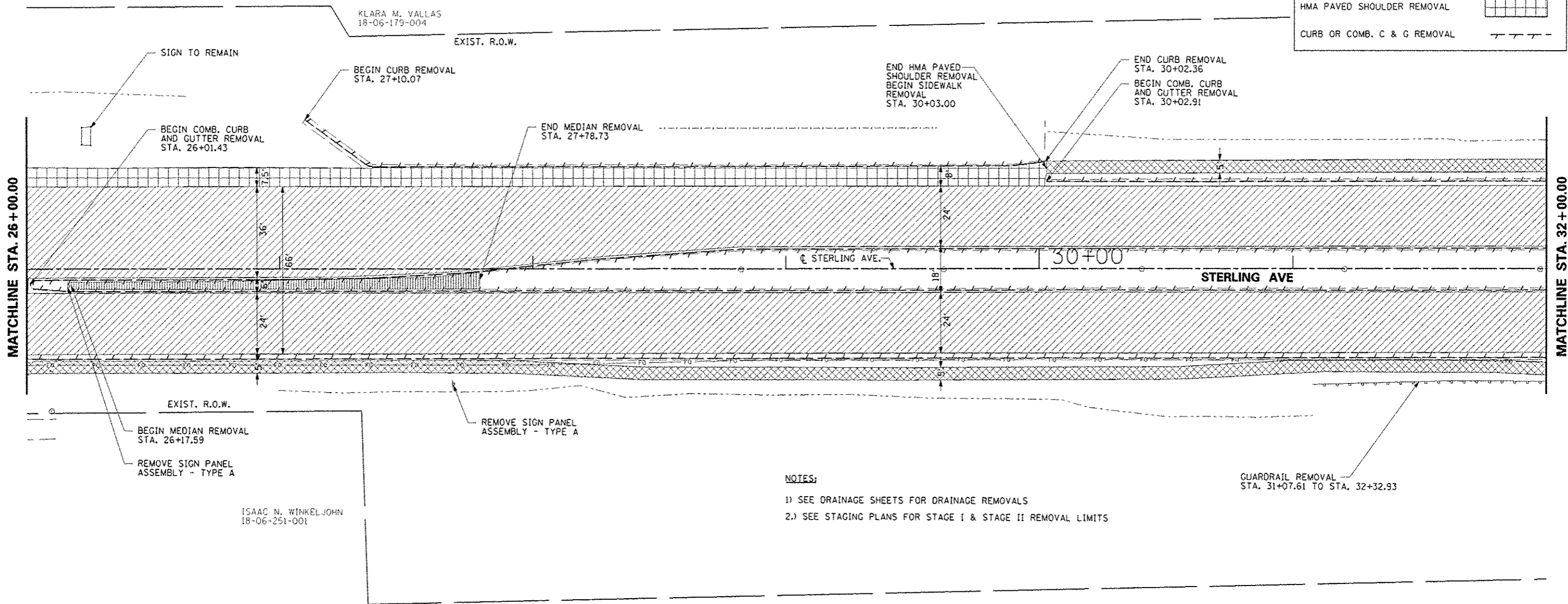
| B.M. | SIA | O/S | ELEV. | DESCRIPTION |
|------|----------|-----------|--------|---|
| 1 | 42+57.74 | 88.17' RT | 615.38 | PK NAIL IN PARKING LOT (A.K.A. CONTROL POINT #1) |
| 2 | 33+67.39 | 43.50' RT | 561.40 | CHISLED "X" IN SIDEWALK |
| 3 | 36+76.38 | 43.27' RT | 579.82 | CHISLED "X" IN SIDEWALK |
| 4 | 24+33.66 | 99.07' LT | 510.19 | LAG BOLT IN POWER POLE NW QUADRANT OF STERLING AND MAGNOLIA |



NOTES:
 1) SEE DRAINAGE SHEETS FOR DRAINAGE REMOVALS
 2) SEE STAGING PLANS FOR STAGE I & STAGE II REMOVAL LIMITS

| | | | | | | | | | | | |
|-----------|----------------------|-----------------|-----------|---|---|-----------------|---|----------------|--------------------|--------------|-----------|
| FILE NAME | USER NAME = #USER# | DESIGNED - JLH | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | STERLING AVENUE REMOVAL PLAN | | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
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| SMT_PLAN | PLOT DATE = #DATE# | CHECKED - JLH | REVISED - | | STA. 20+00.00 TO STA. 26+00.00 | | STERLING AVENUE | | CONTRACT NO. 89385 | | |
| | | DATE - JAN 2014 | REVISED - | | | | FED ROAD DIST NO. 4 ILLINOIS FED. AID PROJECT M-5314 1001 | | | | |

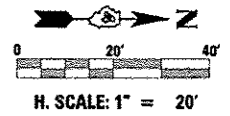
| REMOVAL LEGEND | |
|-----------------------------|--|
| DRIVEWAY PAVEMENT REMOVAL | |
| SIDEWALK REMOVAL | |
| PAVEMENT REMOVAL | |
| MEDIAN REMOVAL | |
| HMA PAVED SHOULDER REMOVAL | |
| CURB OR COMB. C & G REMOVAL | |



NOTES:
 1) SEE DRAINAGE SHEETS FOR DRAINAGE REMOVALS
 2.) SEE STAGING PLANS FOR STAGE I & STAGE II REMOVAL LIMITS

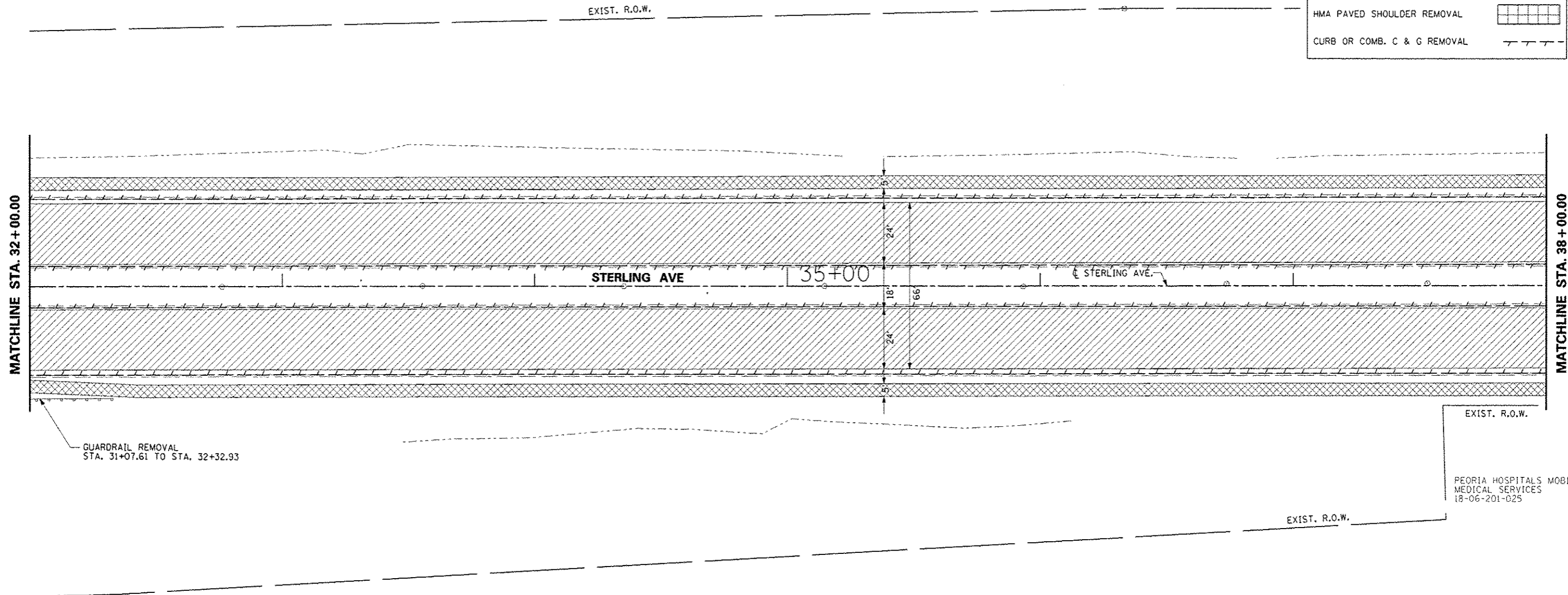
ISAAC N. WINKEL JOHN
 18-06-251-001

KLARA M. VALLAS
 18-06-179-004

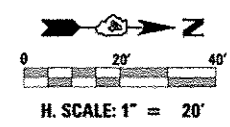


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| | | DATE - JAN 2014 | REVISED - | | | FED ROAD DIST NO. 4 ILLINOIS FED. AID PROJECT M-5314 1001 | | | | | |

| REMOVAL LEGEND | |
|-----------------------------|--|
| DRIVEWAY PAVEMENT REMOVAL | |
| SIDEWALK REMOVAL | |
| PAVEMENT REMOVAL | |
| MEDIAN REMOVAL | |
| HMA PAVED SHOULDER REMOVAL | |
| CURB OR COMB. C & G REMOVAL | |

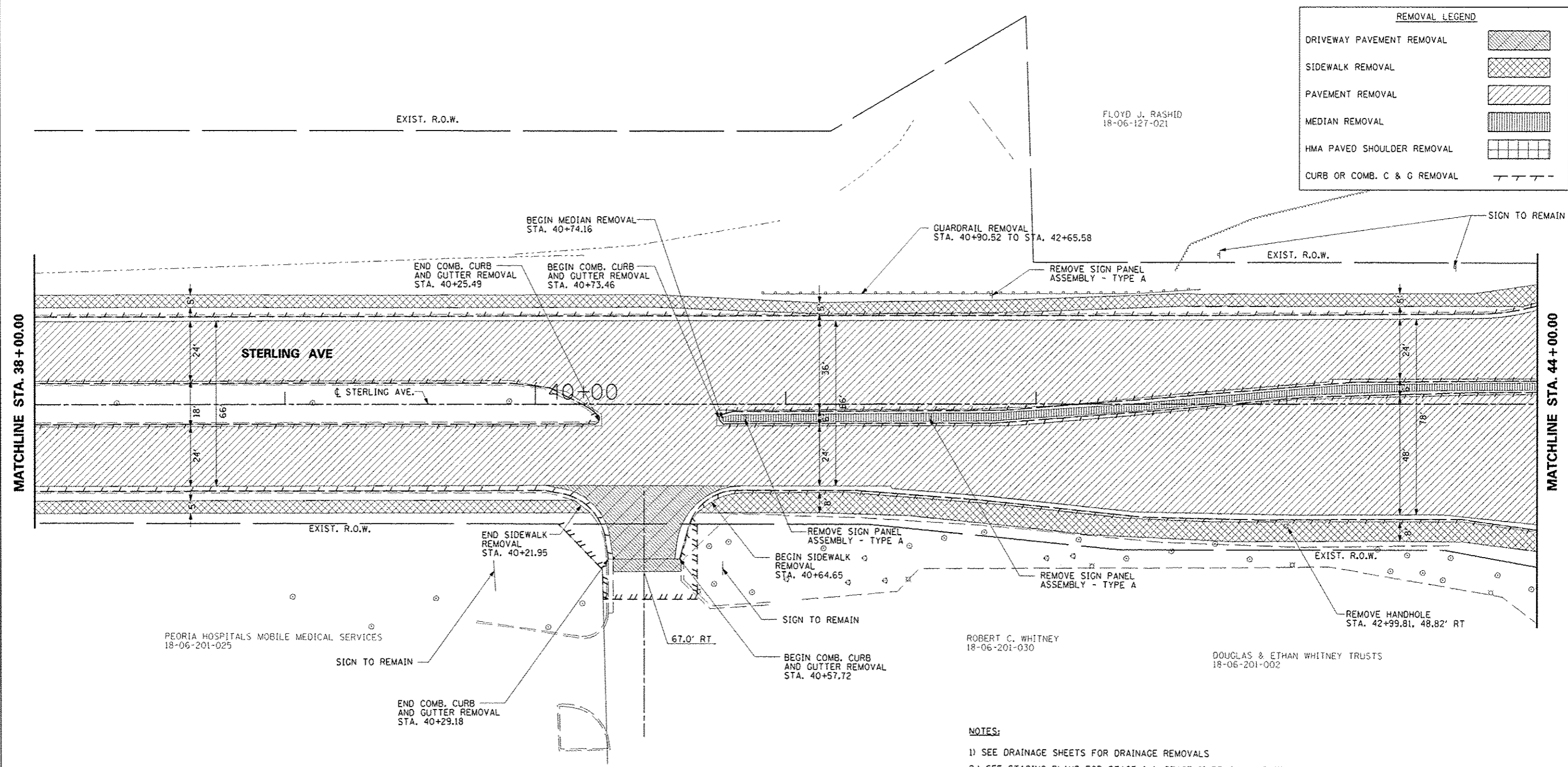


NOTES:
 1) SEE DRAINAGE SHEETS FOR DRAINAGE REMOVALS
 2.) SEE STAGING PLANS FOR STAGE I & STAGE II REMOVAL LIMITS

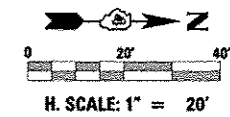


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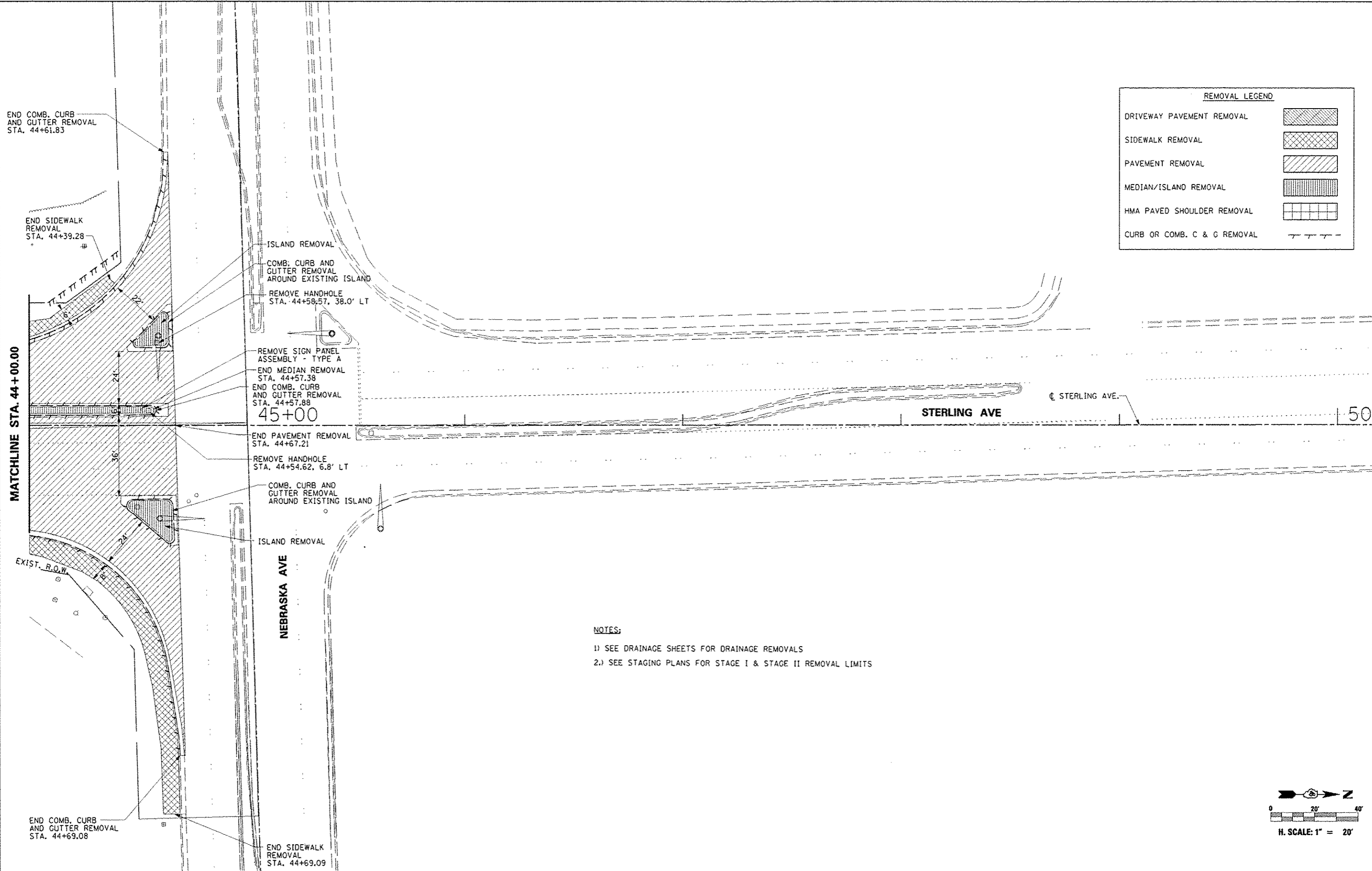
| REMOVAL LEGEND | |
|-----------------------------|--|
| DRIVEWAY PAVEMENT REMOVAL | |
| SIDEWALK REMOVAL | |
| PAVEMENT REMOVAL | |
| MEDIAN REMOVAL | |
| HMA PAVED SHOULDER REMOVAL | |
| CURB OR COMB. C & G REMOVAL | |



- NOTES:**
- 1) SEE DRAINAGE SHEETS FOR DRAINAGE REMOVALS
 - 2.) SEE STAGING PLANS FOR STAGE I & STAGE II REMOVAL LIMITS

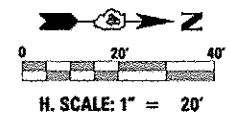


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| | CHECKED - JLH | REVISED - | | | FED ROAD DIST NO. 4 ILLINOIS FED. AID PROJECT M-5314 (001) | | | | | | | |
| | DATE - JAN 2014 | REVISED - | | | | | | | | | | |



| REMOVAL LEGEND | |
|-----------------------------|--|
| DRIVEWAY PAVEMENT REMOVAL | |
| SIDEWALK REMOVAL | |
| PAVEMENT REMOVAL | |
| MEDIAN/ISLAND REMOVAL | |
| HMA PAVED SHOULDER REMOVAL | |
| CURB OR COMB. C & G REMOVAL | |

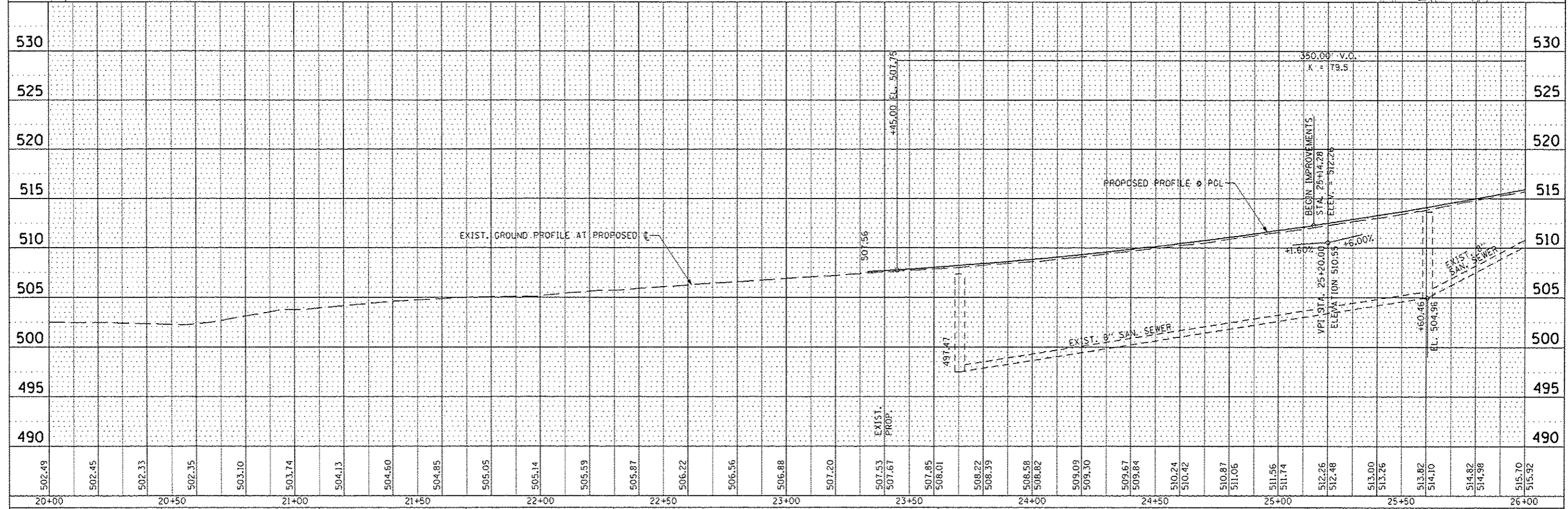
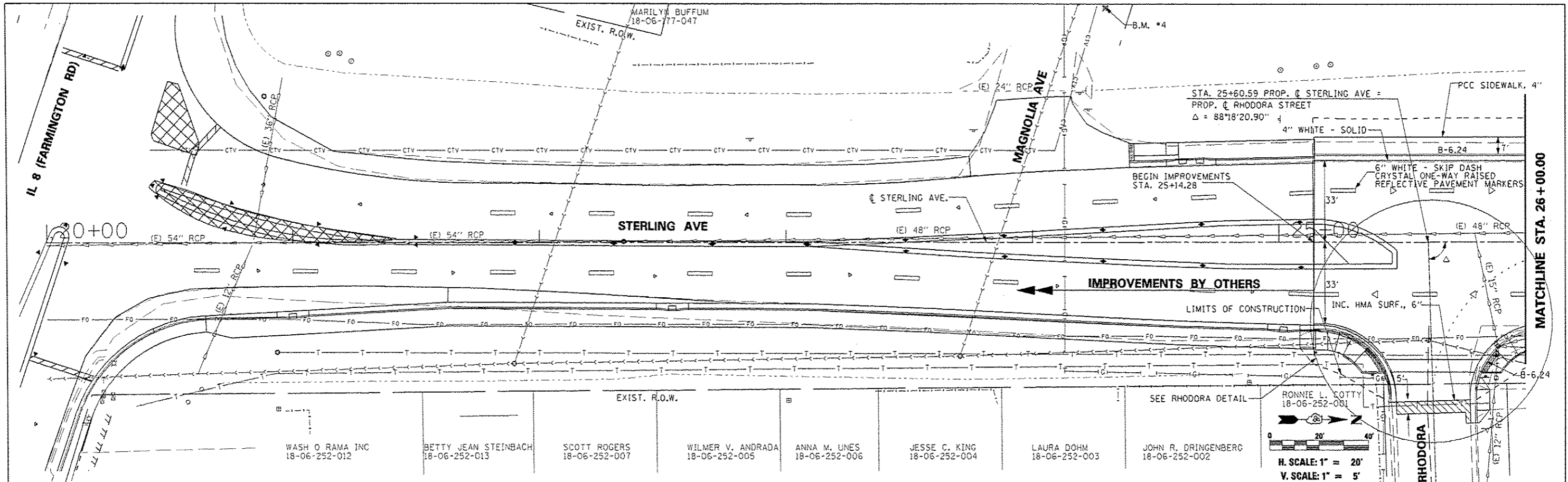
NOTES:
 1) SEE DRAINAGE SHEETS FOR DRAINAGE REMOVALS
 2.) SEE STAGING PLANS FOR STAGE I & STAGE II REMOVAL LIMITS



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| | | DATE - JAN 2014 | REVISED - | | | SCALE: 1" = 20' SHEET X OF SHEETS STA. 44+00.00 TO STA. 49+00.00 | | FED ROAD DIST NO. 4 ILLINOIS FED. AID PROJECT 44-5314 10211 | | | |

| | | |
|------|-----------|------|
| PLAN | DESIGNED | DATE |
| | DRAWN | |
| | CHECKED | |
| | REVISIONS | |
| | BY | |
| | DATE | |

| | | |
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| PROFILE | DESIGNED | DATE |
| | DRAWN | |
| | CHECKED | |
| | REVISIONS | |
| | BY | |
| | DATE | |



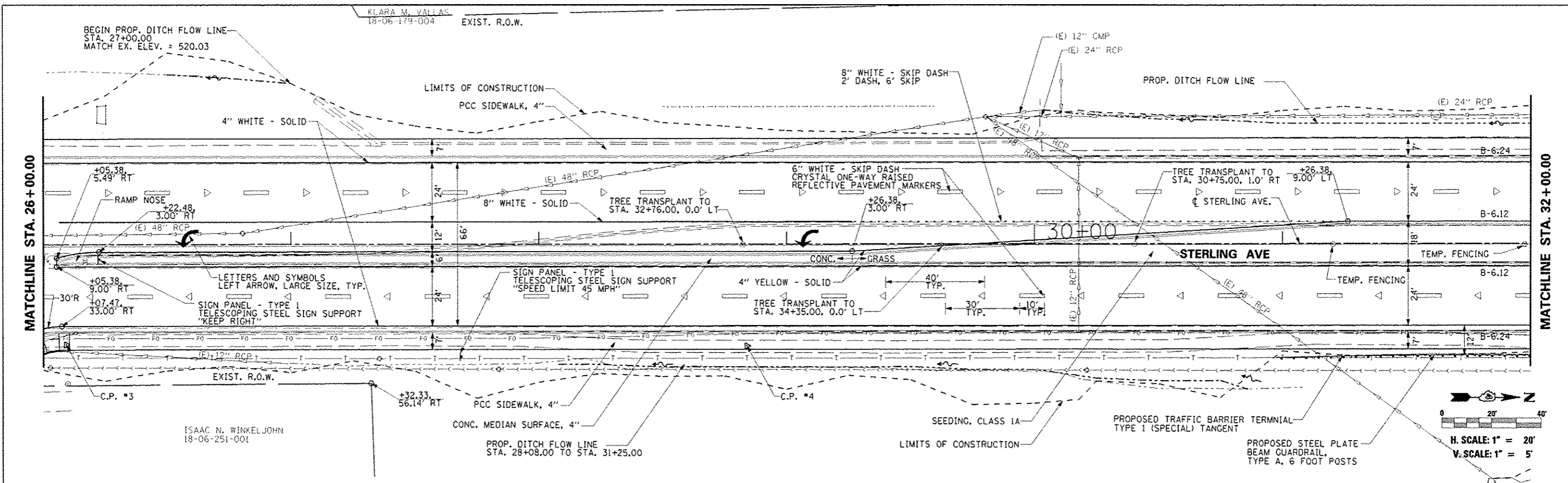
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| | #SCALE# | JLH | - | | | | | FED. ROAD DIST. NO. 4 | | ILLINOIS FED. AID PROJECT N-5314 (001) | | |
| | #DATE# | DATE | REVISIONS | | | | | SCALE: 1"=20' | | SHEET NO. OF SHEETS STA. 20+00.00 TO STA. 26+00.00 | | |

KLARA M. VALLAS
18-06-179-004

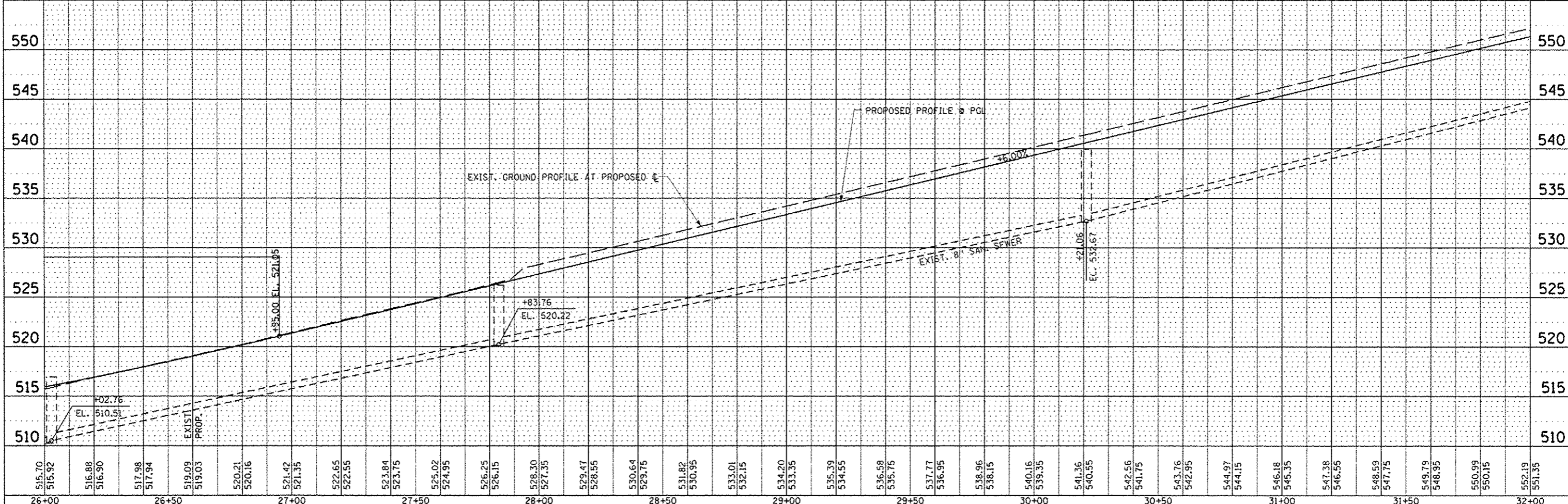
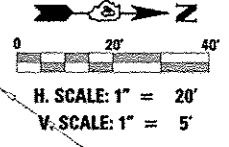
EXIST. R.O.W.

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| DATE | |
| BY | |
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| CONSTRUCTION | |
| OPERATION | |
| MAINTENANCE | |

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|--------------|--|
| DATE | |
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| OPERATION | |
| MAINTENANCE | |



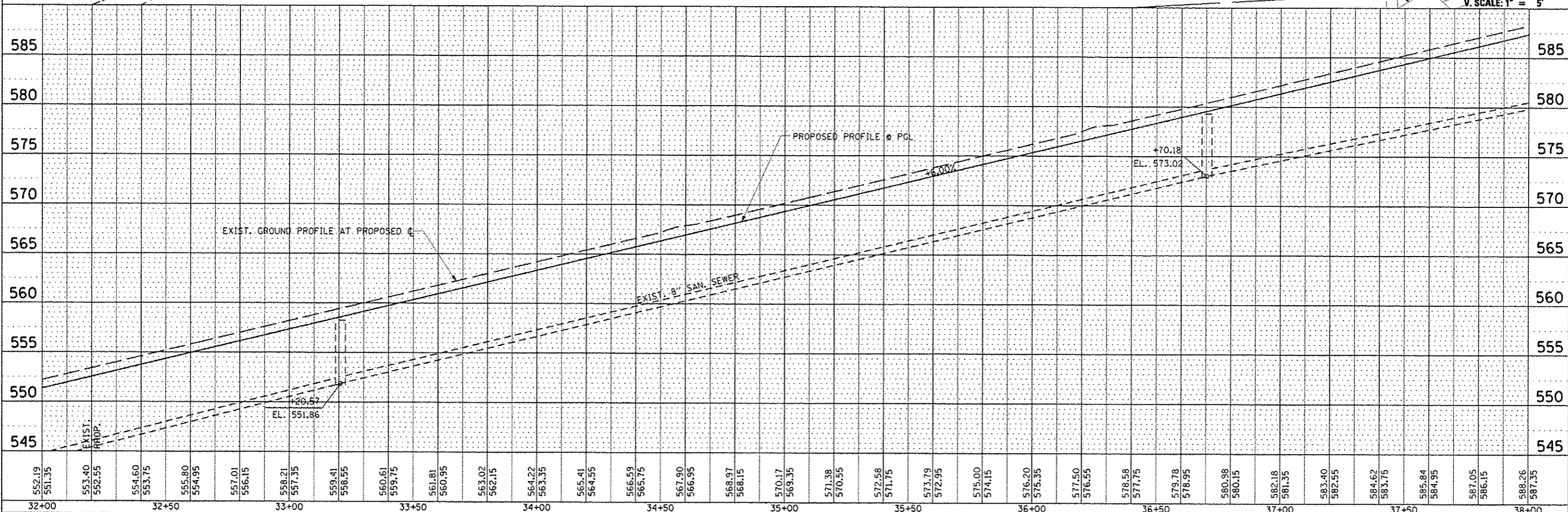
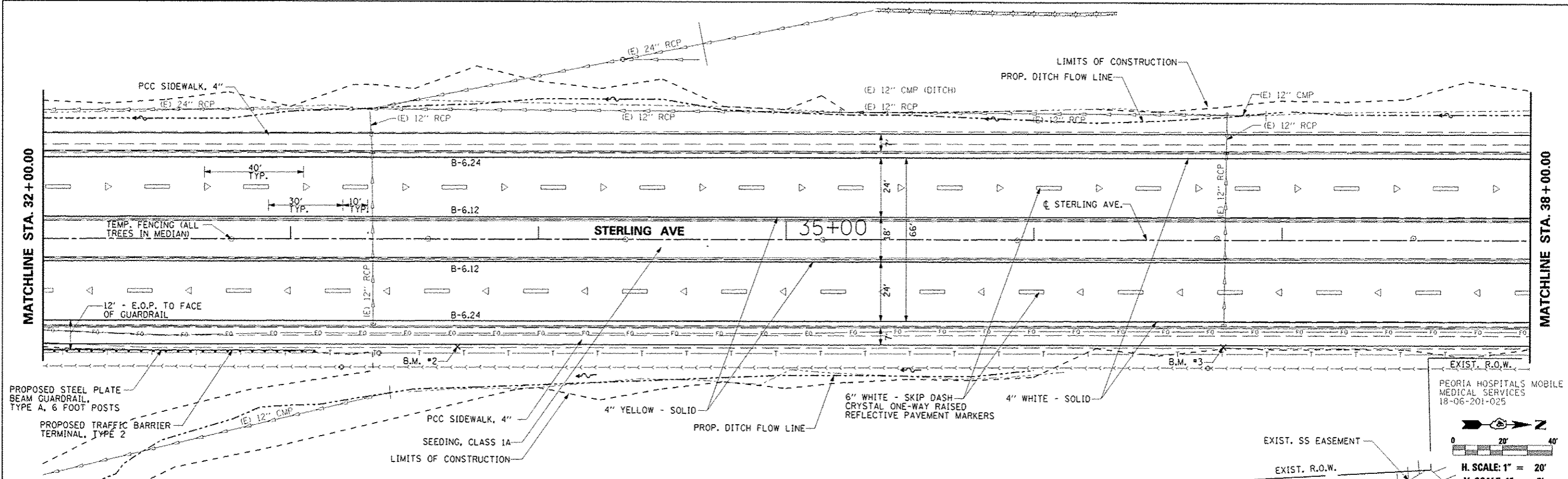
ISAAC N. WINKELJOHN
18-06-251-001



| | | | | | | | | | | | | |
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| | | DATE - JAN 2014 | REVISED - | | | | | | | | | |

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| DATE | |
| BY | |
| PROJECT | |
| DESIGNED | |
| CHECKED | |
| DATE | |
| NO. | |
| PLAN | |
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| PROJECT | |
| DESIGNED | |
| CHECKED | |
| DATE | |
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| DATE | |
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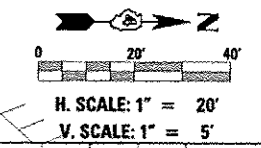


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| | | DATE | REVISOR | | | | | | STERLING AVENUE | | CONTRACT NO. 89385 | | |
| | | JAN 2014 | | | | | | | FED ROAD DIST NO. 4 | | ILLINOIS FED. AID PROJECT N-5314 (001) | | |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

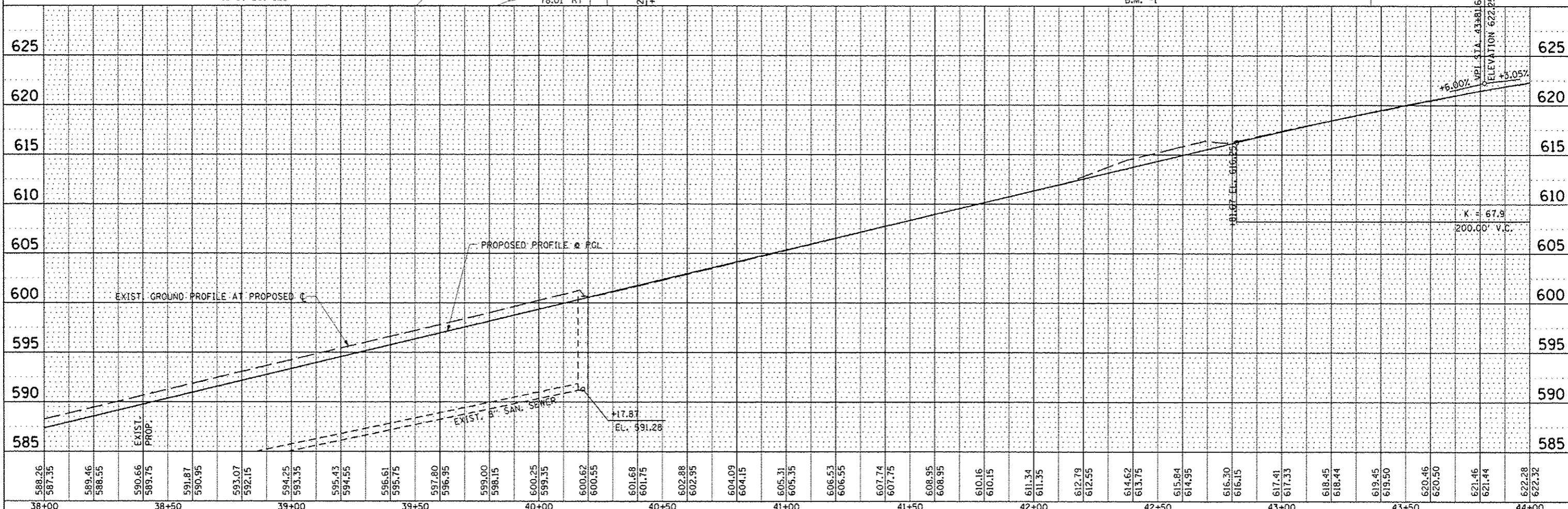
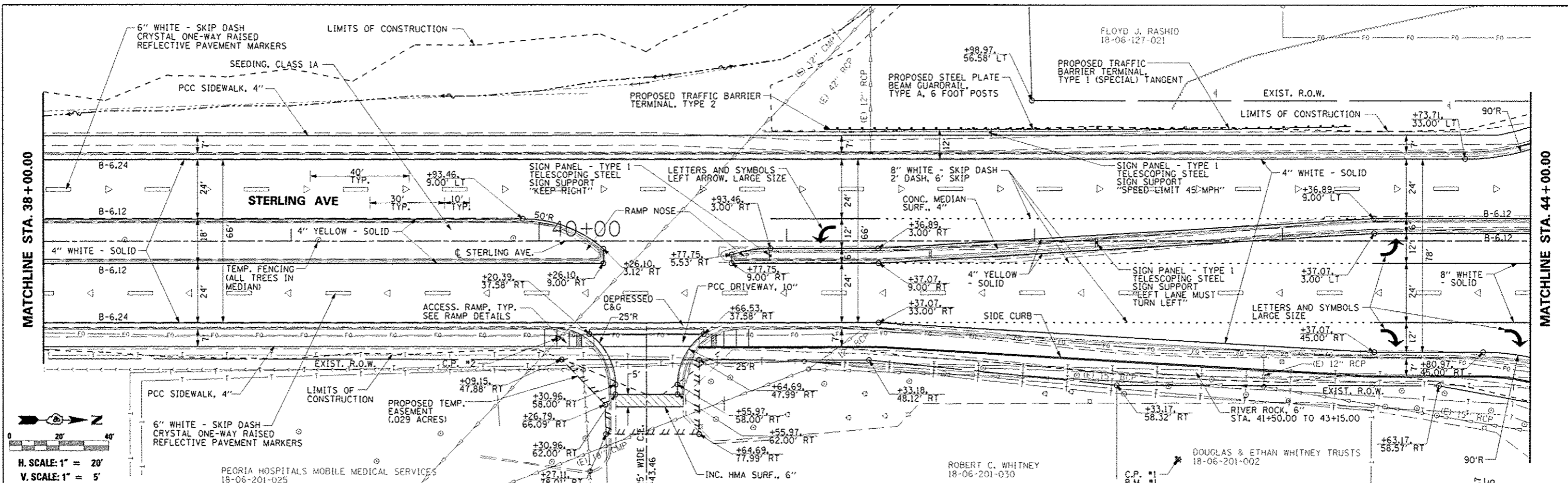
STERLING AVENUE
PLAN & PROFILE

PEORIA HOSPITALS MOBILE
MEDICAL SERVICES
18-06-201-025



| | |
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| PROJECT | |
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| CHECKED | |
| DATE | |
| NO. | |

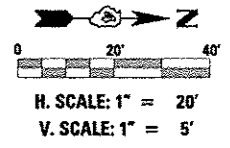
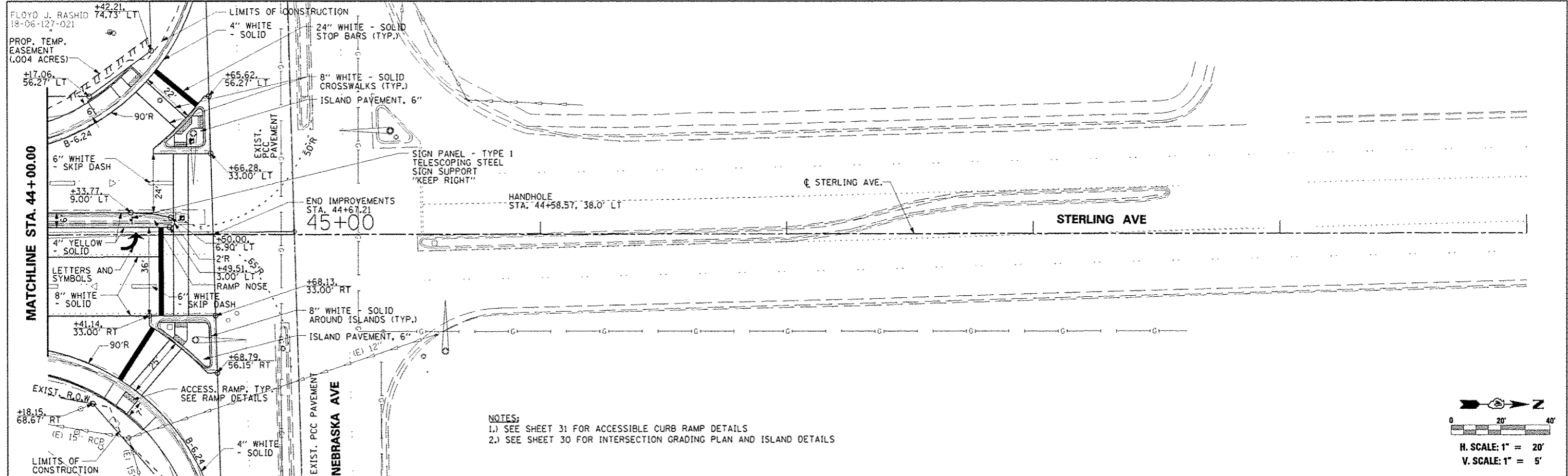
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| DATE | |
| NO. | |



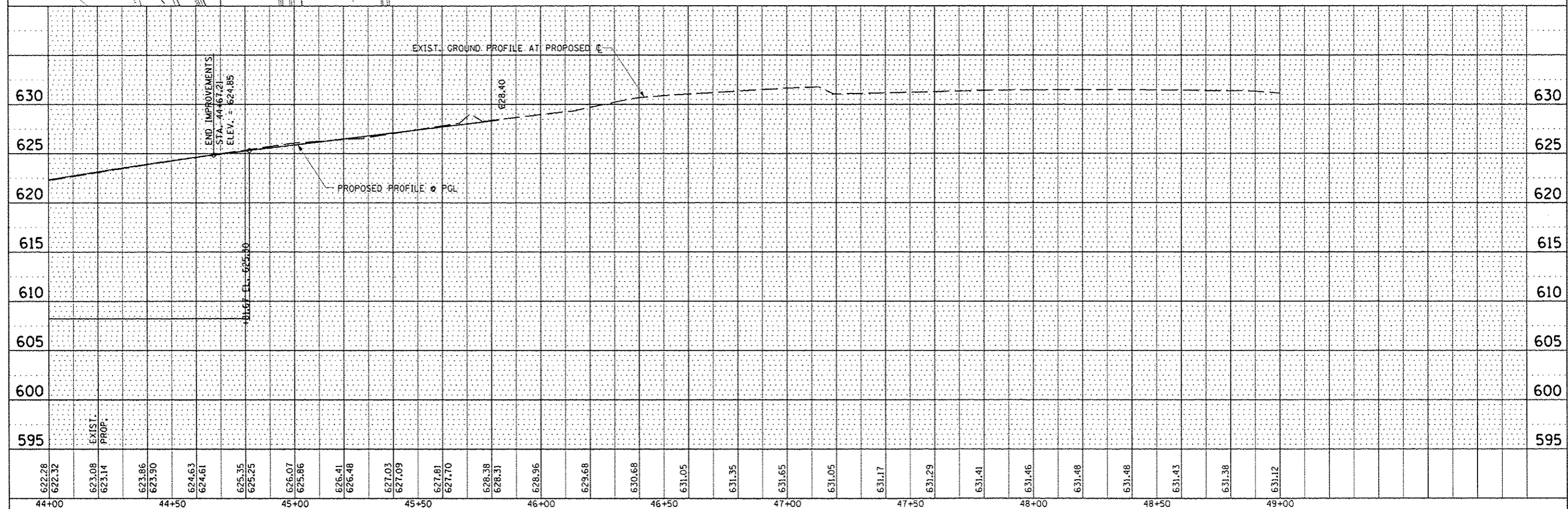
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| FILE NAME | USER NAME | DESIGNED | REVISED | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | STERLING AVENUE PLAN & PROFILE | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| #FILE# | | DRAWN | REVISED | | | 6586 | 05-00010-00-PV | PEORIA | 86 | 22 | |
| | | CHECKED | REVISED | | | STERLING AVENUE | | CONTRACT NO. 89385 | | | |
| | | DATE | REVISED | | | SCALE: 1"=20' | | SHEET NO. OF SHEETS | | STA. 38+00.00 TO STA. 44+00.00 | |

| | | | | |
|--|----------------|--------------------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 6586 | 05-00010-00-PV | PEORIA | 86 | 22 |
| STERLING AVENUE | | CONTRACT NO. 89385 | | |
| FED ROAD DIST NO. 4 ILLINOIS FED. AID PROJECT M-5314 10011 | | | | |

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| PLAN | DATE |
| SURVEYED | |
| DESIGNED | |
| CHECKED | |
| PLOTTED | |
| DATE | |
| BY | |
| NO. | |
| ADD FILE NAME | |



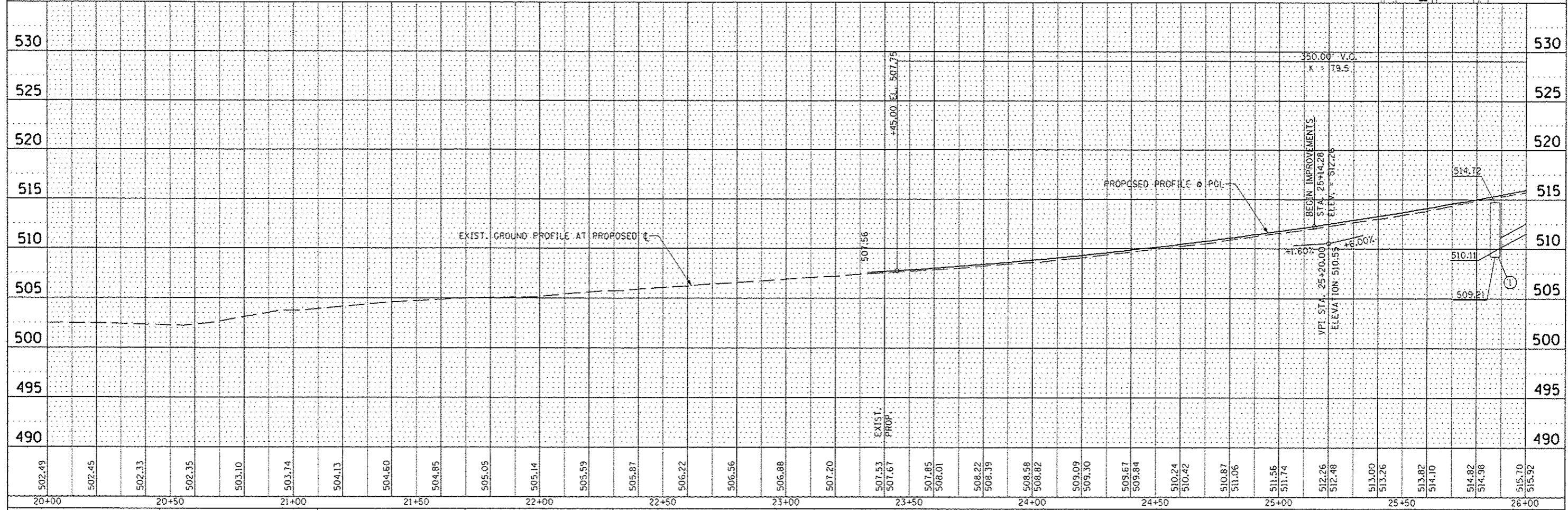
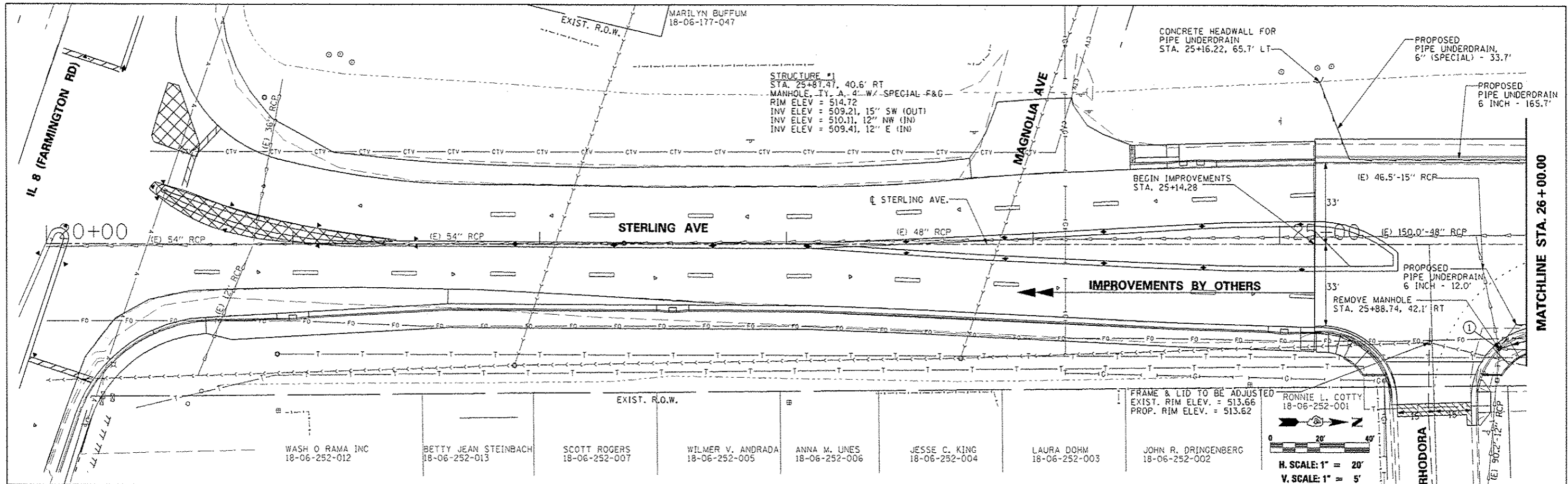
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|---------------|------|
| PROFILE | DATE |
| DESIGNED | |
| CHECKED | |
| PLOTTED | |
| DATE | |
| BY | |
| NO. | |
| ADD FILE NAME | |



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|-----------|----------------------|-----------------|-----------|---|---|---------------------|--------------------------------|------------------------|---------------------------|--------------------|--------------|
| FILE NAME | USER NAME = *USER* | DESIGNED - JLH | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | STERLING AVENUE PLAN & PROFILE | | F.A.U. RTE. 6586 | SECTION 05-00010-00-PV | COUNTY PEORIA | TOTAL SHEETS 86 | SHEET NO. 23 |
| FILE NO. | PLOT SCALE = 1/8"=1' | DRAWN - JLH | REVISED - | | SCALE: 1"=20' | SHEET NO. OF SHEETS | STA. 44+00.00 TO STA. 49+00.00 | STERLING AVENUE | | CONTRACT NO. 89385 | |
| | PLOT DATE = 10/27/14 | DATE - JAN 2014 | REVISED - | | | | FED ROAD DIST NO. 4 | | ILLINOIS FED. AID PROJECT | | M-5314 (001) |
| | | | | | | | | | | | |

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| DATE | |
| BY | |
| APPROVED | |
| PLANNED | |
| DESIGNED | |
| CHECKED | |
| NOTED | |
| NO. | |

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|----------|--|
| DATE | |
| BY | |
| APPROVED | |
| PLANNED | |
| DESIGNED | |
| CHECKED | |
| NOTED | |
| NO. | |



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|-----------|-----------|----------|-----------|------------------------------|-------------------------|---------------|--|--------|--------------------|
| FILE NAME | USER NAME | DESIGNED | REVISIONS | STATE OF ILLINOIS | STERLING AVENUE | F.A.U. R.T.E. | SECTION | COUNTY | TOTAL SHEETS |
| #FILE# | | DRAWN | REVISIONS | DEPARTMENT OF TRANSPORTATION | DRAINAGE PLAN & PROFILE | 6586 | 05-00010-00-PV | PEORIA | 86 24 |
| | | CHECKED | REVISIONS | | | | STERLING AVENUE | | CONTRACT NO. 89385 |
| | | DATE | REVISIONS | | | | FED ROAD DIST NO. 4 ILLINDISTED. AID PROJECT N-5314 1001 | | |

KLARA M. VALLAS
18-06-179-004 EXIST. R.O.W.

STRUCTURE #14
STA. 30+17.91, 33.0' LT
INLET, TYPE G-1
RIM ELEV = 539.94
INV ELEV = 536.49, 12" E (IN)
INV ELEV = 536.44, 12" SW (OUT)

(E) 23.2'-12" CMP @ 20.09%
AND HEADWALL TO REMAIN
STONE RIPRAP, CL A3, 10.7 SY

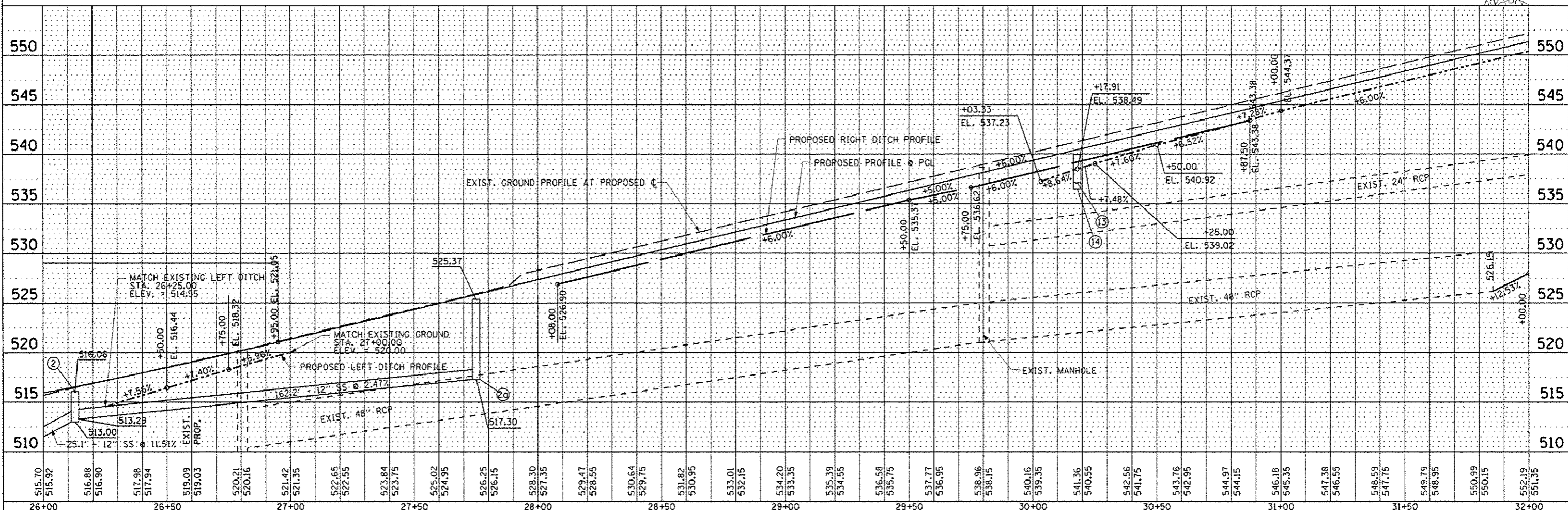
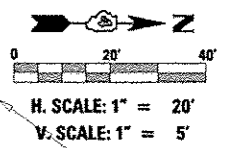
STRUCTURE #18
STA. 27+00.00, 33.0' LT
INLET, TYPE G-1
RIM ELEV = 520.87
INV ELEV = 518.37, 12" SW (OUT)

MATCHLINE STA. 26+00.00

MATCHLINE STA. 32+00.00

STERLING AVE

| | |
|-----------|--|
| DATE | |
| BY | |
| CHECKED | |
| DESIGNED | |
| IN CHARGE | |
| PROJECT | |
| NO. | |

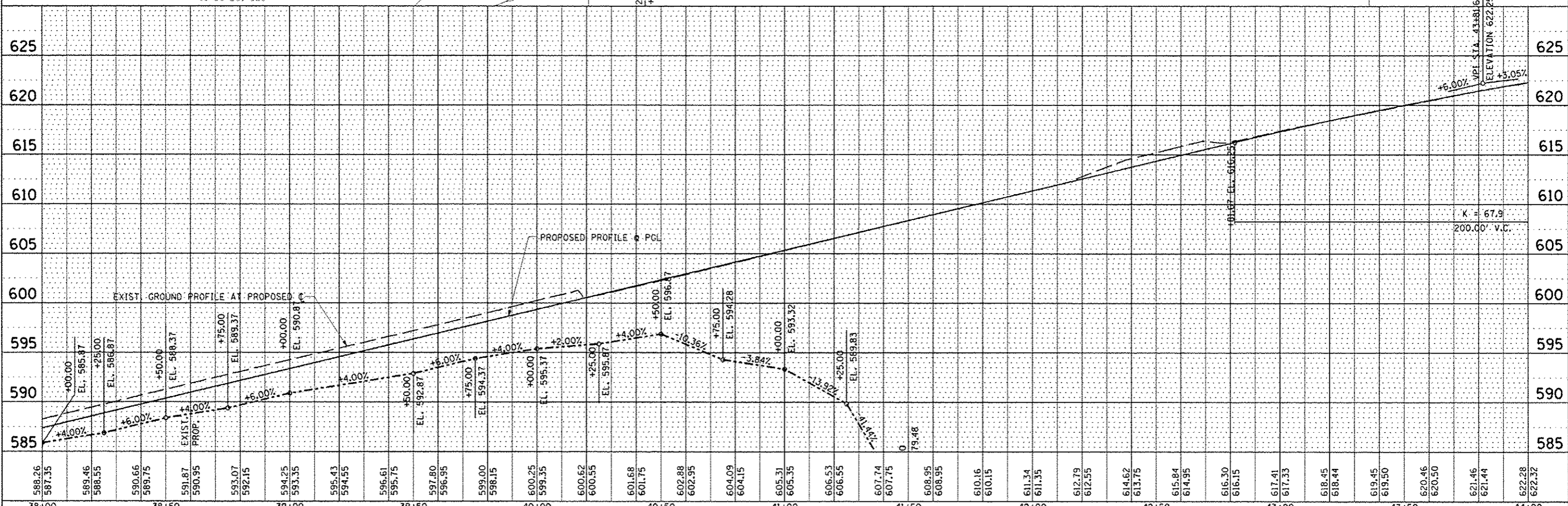
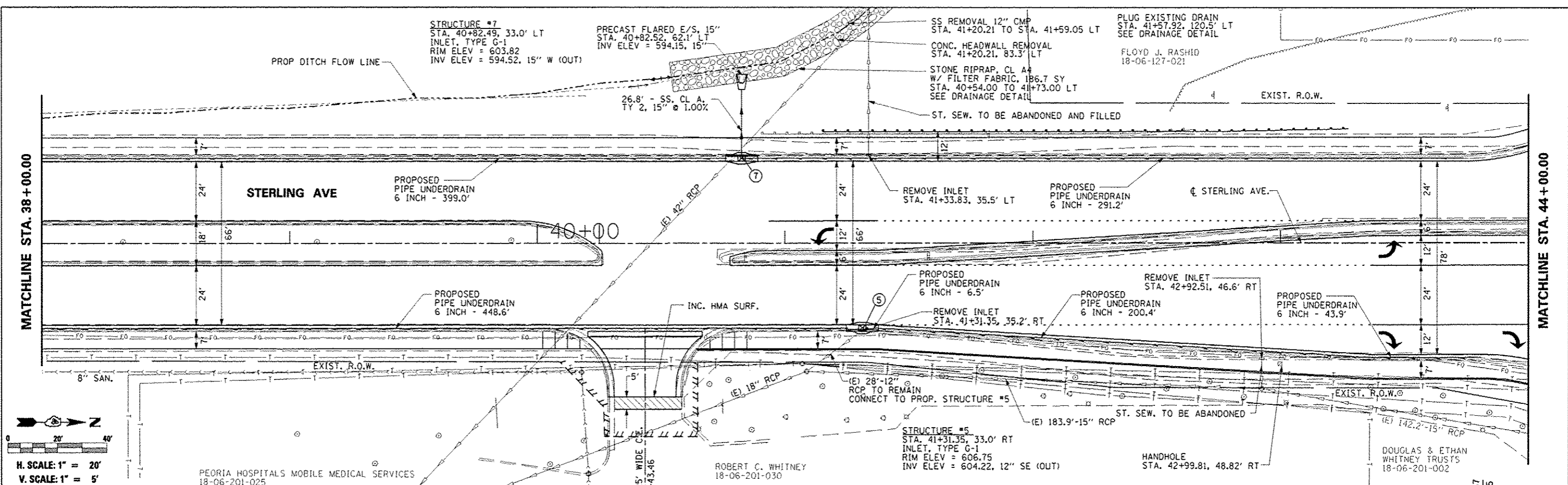


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| DATE | |
| BY | |
| CHECKED | |
| DESIGNED | |
| IN CHARGE | |
| PROJECT | |
| NO. | |

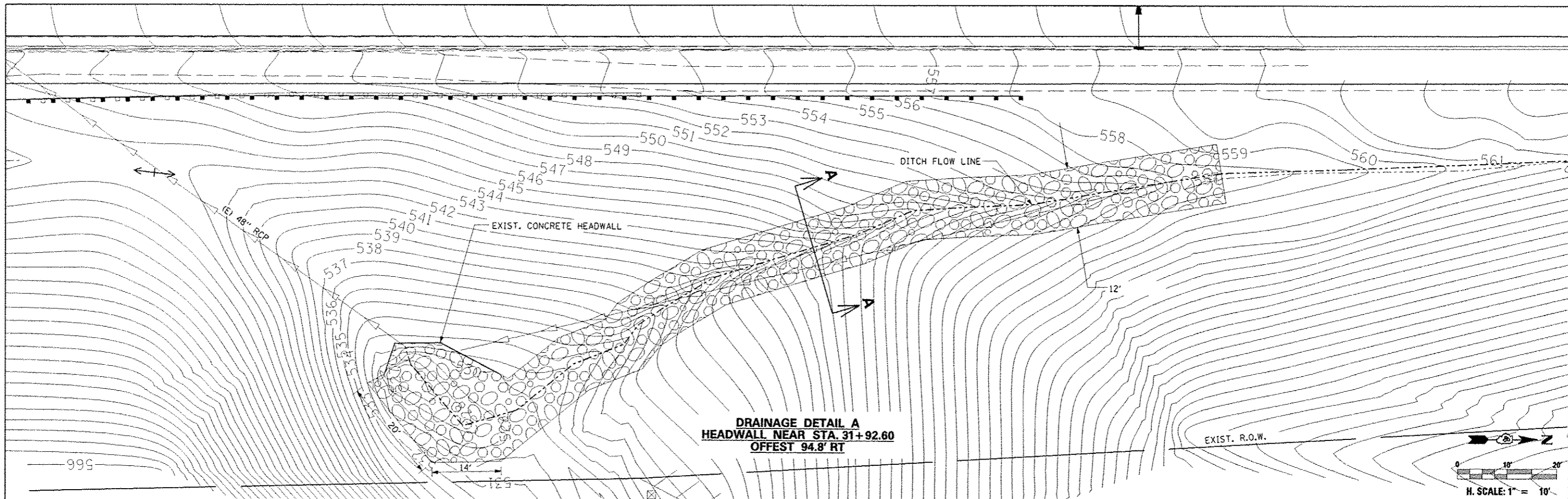
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| FILE NAME | USER NAME | DESIGNED | REVISED | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | | STERLING AVENUE DRAINAGE PLAN & PROFILE | | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| FILE# | | DRAWN | REVISED | | | SCALE: 1"=20' | | 6586 | 05-00010-00-PV | PEORIA | 86 | 25 |
| | | CHECKED | REVISED | | | SHEET NO. OF SHEETS | | STERLING AVENUE | | CONTRACT NO. 89385 | | |
| | | DATE | REVISED | JAN 2014 | | STA. 26+00.00 TO STA. 32+00.00 | | FED ROAD DIST NO. 4 ILLINOIS FED. AID PROJECT M-5314 (001) | | | | |

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| DATE | |
| BY | |
| PLAN | DESIGNED |
| | DRAWN |
| | CHECKED |
| | DATE |
| NO. | |
| NO. | |
| NO. | |
| NO. | |
| NO. | |
| NO. | |

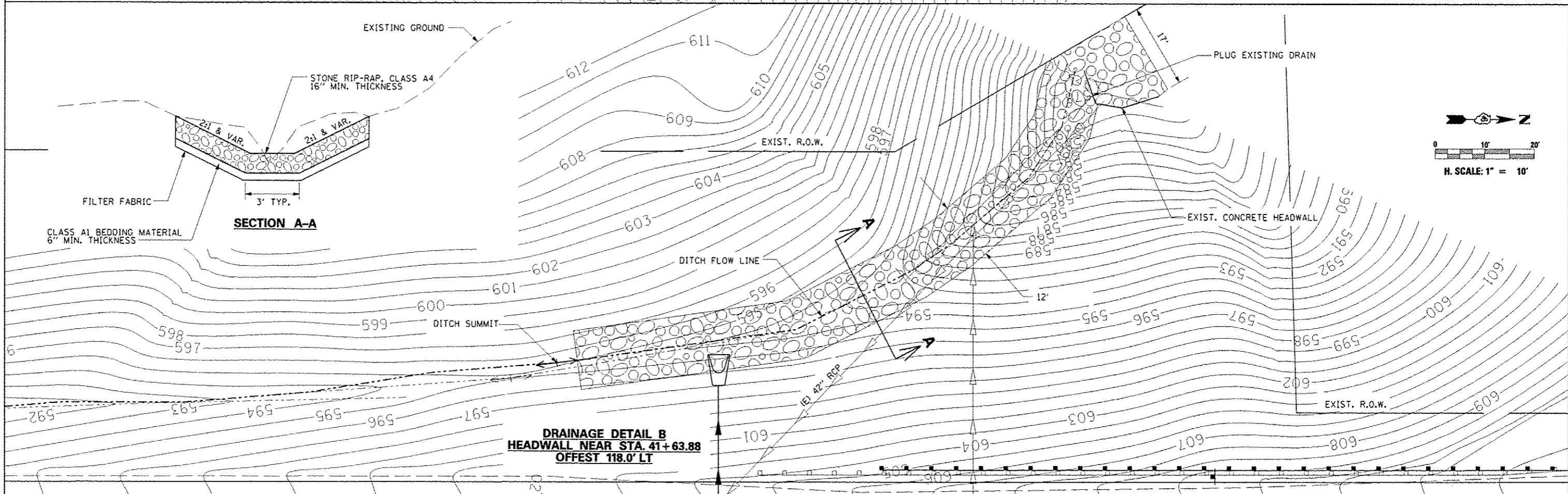
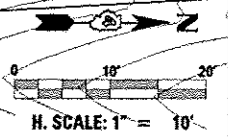
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|---------|----------|
| DATE | |
| BY | |
| PROFILE | DESIGNED |
| | DRAWN |
| | CHECKED |
| | DATE |
| NO. | |
| NO. | |
| NO. | |
| NO. | |
| NO. | |
| NO. | |



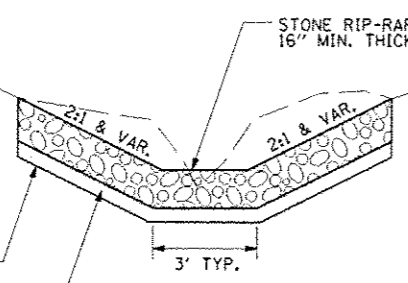
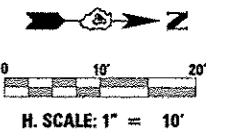
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|-----------|-----------|----------|-----------|---|--|--|--|--|---------------------|--------------------------------|-----------------|-----------|
| FILE NAME | USER NAME | DESIGNED | REVISED | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | | | | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| #FILE # | | DRAWN | REVISIONS | STERLING AVENUE DRAINAGE PLAN & PROFILE | | | | 6586 | 05-00010-00-PV | PEORIA | 86 | 27 |
| | | CHECKED | DATE | | | | | SCALE: 1"=20' | SHEET NO. OF SHEETS | STA. 38+00.00 TO STA. 44+00.00 | STERLING AVENUE | |
| | | DATE | | | | | | FED ROAD DIST NO. 4 ILLINOIS FED. AID PROJECT W-5314 (00B) | | | | |



**DRAINAGE DETAIL A
HEADWALL NEAR STA. 31+92.60
OFFSET 94.8' RT**

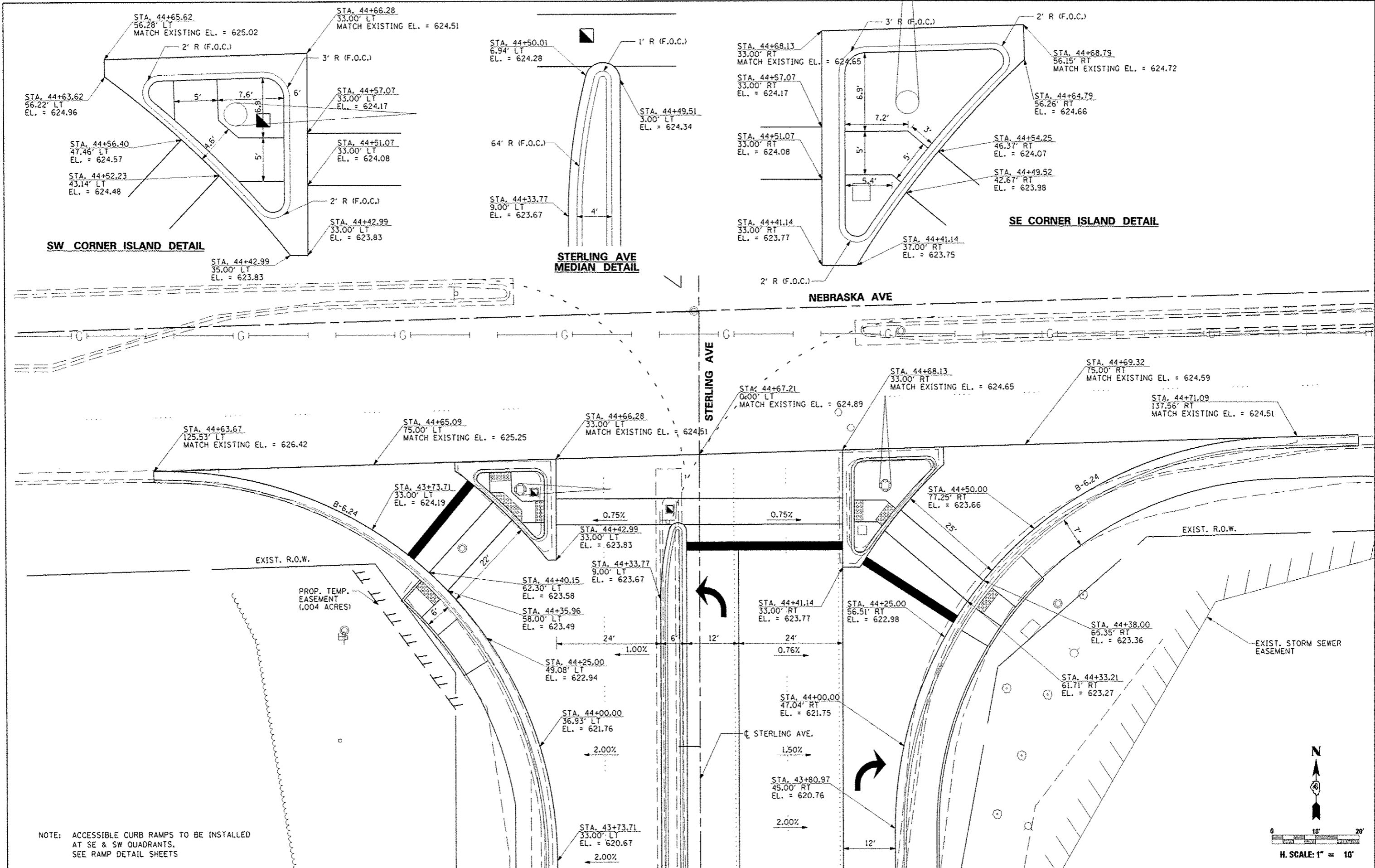


**DRAINAGE DETAIL B
HEADWALL NEAR STA. 41+63.88
OFFSET 118.0' LT**



SECTION A-A

| | | | | | | | | | | | |
|-----------------|-------------|-----------------|-----------|---|---|--|----------------|--------------------|--------------|-----------|--|
| FILE NAME = | USER NAME = | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | STERLING AVENUE DRAINAGE DETAILS | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| MPLE# | | DRAWN - | REVISED - | | | 6586 | 05-00010-00-PV | PEDRIA | 86 | 29 | |
| DATE | | CHECKED - | REVISED - | | | STERLING AVENUE | | CONTRACT NO. 89385 | | | |
| DATE | | DATE - | REVISED - | | | FED ROAD DIST NO. 4 ILLINOIS FED. AID PROJECT M-5314 (001) | | | | | |
| SCALE: 1" = 10' | | SHEET OF SHEETS | | STA. TO STA. | | | | | | | |

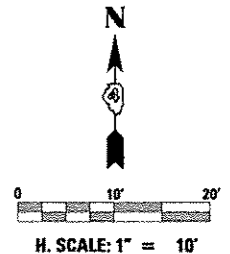


SW CORNER ISLAND DETAIL

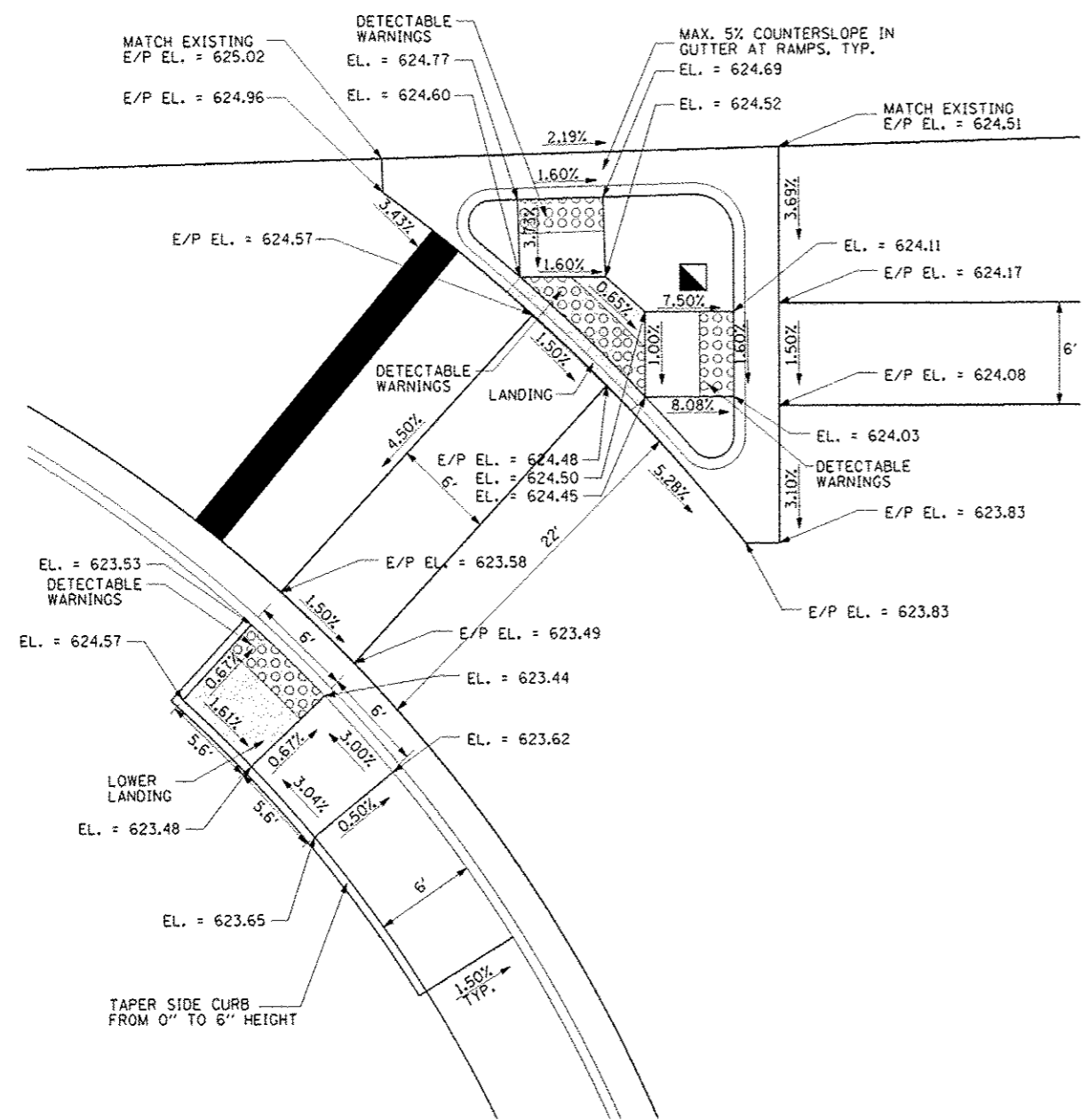
**STERLING AVE
MEDIAN DETAIL**

SE CORNER ISLAND DETAIL

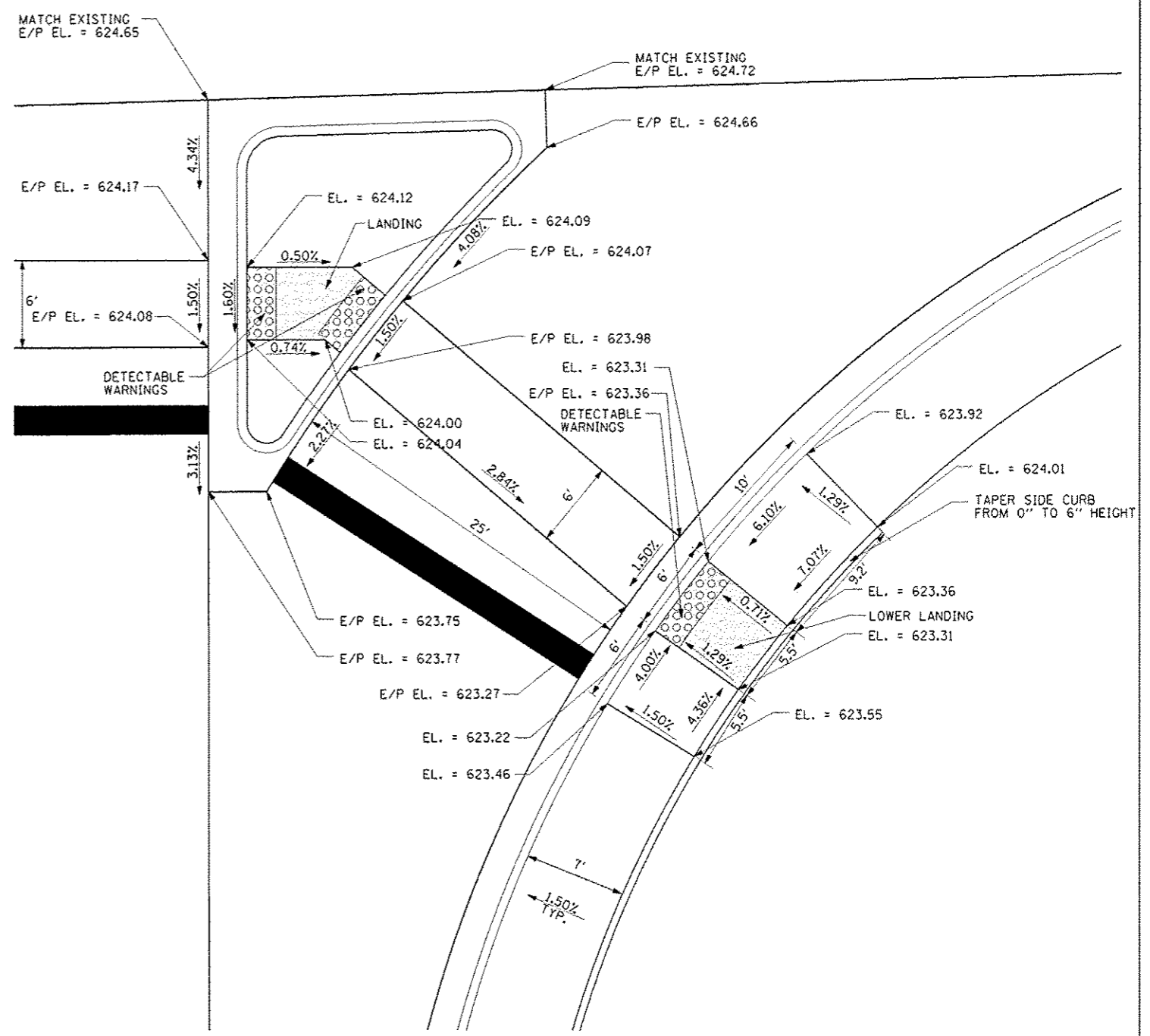
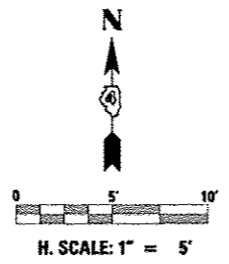
NOTE: ACCESSIBLE CURB RAMPS TO BE INSTALLED AT SE & SW QUADRANTS. SEE RAMP DETAIL SHEETS



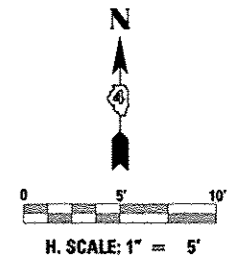
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|-----------|------------|-----------------|-----------|---|--|----------------|---|---------|--------------------|--------------|-----------|
| FILE NAME | USER NAME | DESIGNED - JLH | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | STERLING AVENUE INTERSECTION GRADING PLAN | | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| #FILE# | PLOT SCALE | DRAWN - JAL | REVISED - | | 6586 | 05-00010-00-PV | PEORIA | 86 | 30 | | |
| SHT_PLAN | PLOT DATE | CHECKED - JLH | REVISED - | | SCALE: 1" = 10' SHEET OF SHEETS STA. TO STA. | | STERLING AVENUE | | CONTRACT NO. 89385 | | |
| | | DATE - JAN 2014 | REVISED - | | | | FED ROAD DIST NO. 4 ILLINOIS FED. AID PROJECT | | M-9314 1001 | | |



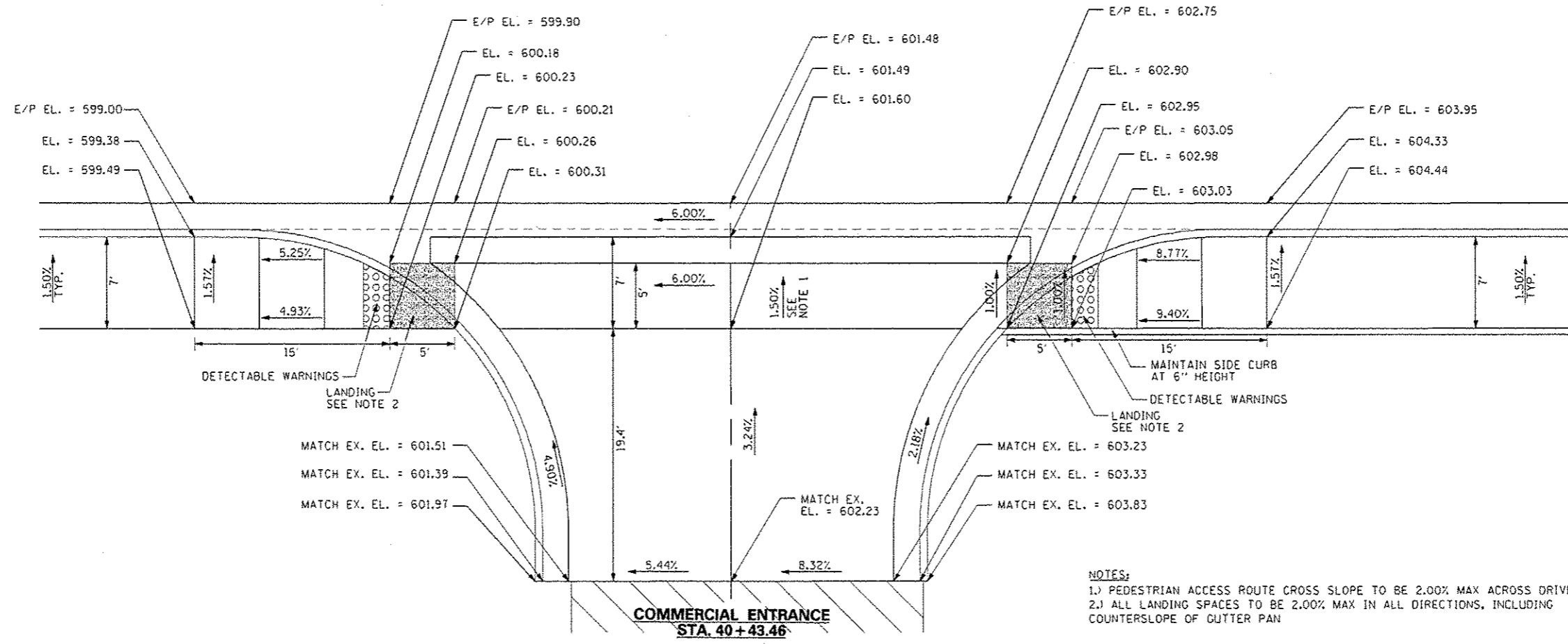
**SW CORNER OF STERLING AVE.
AND NEBRASKA AVE. RAMP DETAIL**



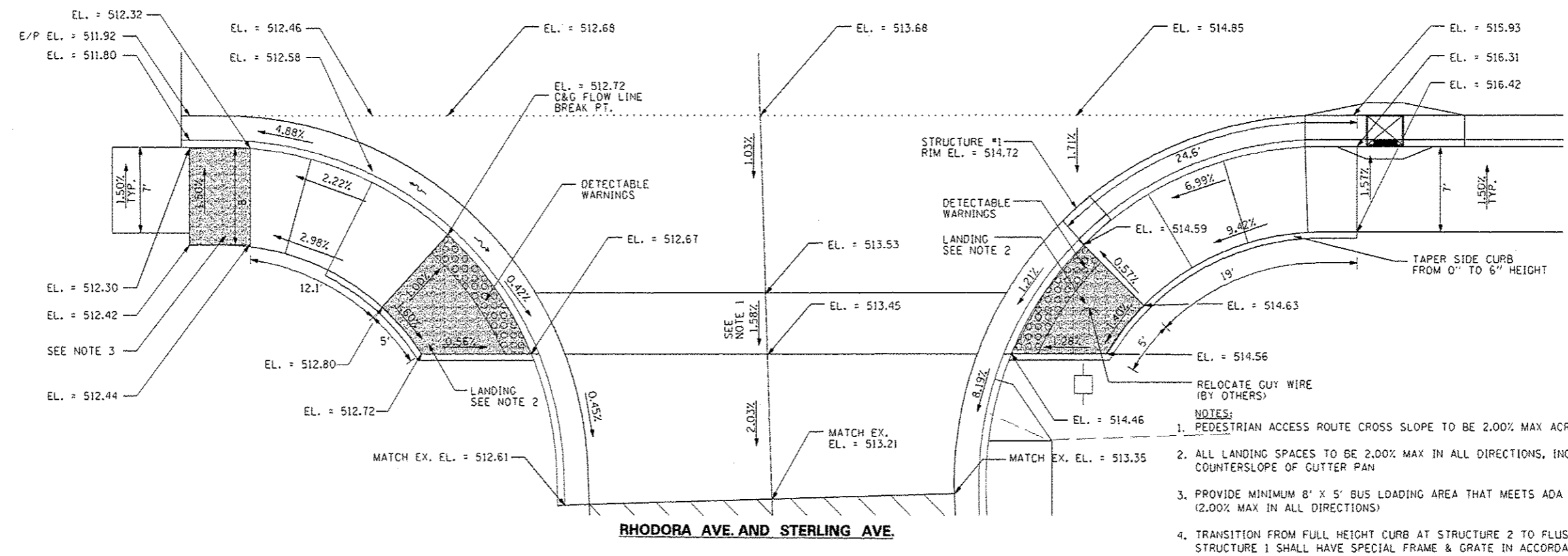
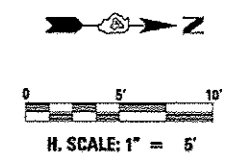
**SE CORNER OF STERLING AVE.
AND NEBRASKA AVE. RAMP DETAIL**



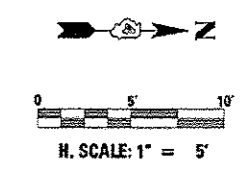
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| FILE NAME | USER NAME = #USER# | DESIGNED - JLH | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | STERLING AVENUE ACCESSIBLE RAMP DETAILS | | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | | | | | |
| FILE# | PLOT SCALE = #SCALE# | DRAWN - JAL | REVISED - | | SCALE: 1" = 5' | SHEET | OF | SHEETS | STA. | TO | STA. | 6586 | 05-00010-00-PV | PEORIA | 86 | 31 |
| SHT. PLAN | PLOT DATE = #DATE# | CHECKED - JLH | REVISED - | | | | | | | | | | STERLING AVENUE | | CONTRACT NO. 89385 | |
| | | DATE - JAN 2014 | REVISED - | | | | | | | | | | FED ROAD DIST NO. 4 ILLINOIS FED. AID PROJECT M-5314 (001) | | | |



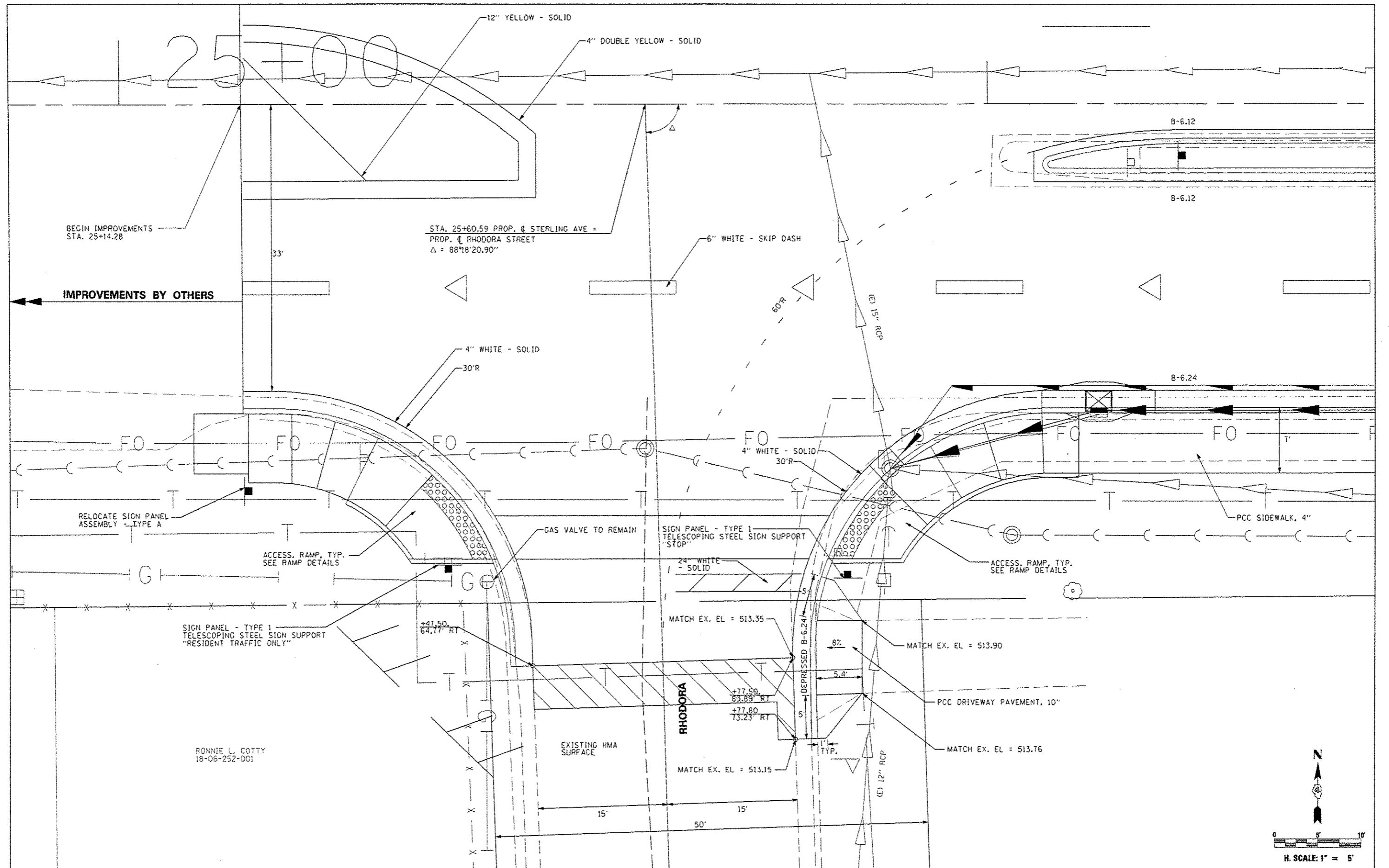
NOTES:
 1.) PEDESTRIAN ACCESS ROUTE CROSS SLOPE TO BE 2.00% MAX ACROSS DRIVE
 2.) ALL LANDING SPACES TO BE 2.00% MAX IN ALL DIRECTIONS, INCLUDING COUNTERSLOPE OF GUTTER PAN



NOTES:
 1. PEDESTRIAN ACCESS ROUTE CROSS SLOPE TO BE 2.00% MAX ACROSS RHODORA AVE.
 2. ALL LANDING SPACES TO BE 2.00% MAX IN ALL DIRECTIONS, INCLUDING COUNTERSLOPE OF GUTTER PAN
 3. PROVIDE MINIMUM 8' X 5' BUS LOADING AREA THAT MEETS ADA ACCESSIBILITY REQUIREMENTS (2.00% MAX IN ALL DIRECTIONS)
 4. TRANSITION FROM FULL HEIGHT CURB AT STRUCTURE 2 TO FLUSH WITH GUTTER AT STRUCTURE 1. STRUCTURE 1 SHALL HAVE SPECIAL FRAME & GRATE IN ACCORDANCE WITH THE SPECIAL PROVISION



| | | | | | | | | | | | |
|-------------|----------------------|-----------------|-----------|---|--|-----------------|------------------|------------------------|---------------|--|--------------|
| FILE NAME = | USER NAME = #USER# | DESIGNED - JLH | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | STERLING AVENUE ACCESSIBLE RAMP DETAILS | | F.A.U. RIE. 6586 | SECTION 05-00010-00-PV | COUNTY PEORIA | TOTAL SHEETS 85 | SHEET NO. 32 |
| #FILE# | PLOT SCALE = #SCALE# | DRAWN - JAL | REVISED - | | SCALE: 1" = 5' | SHEET OF SHEETS | STA. TO STA. | STERLING AVENUE | | CONTRACT NO. 89385 | |
| SHT. PLAN | PLOT DATE = #DATE# | CHECKED - JLH | REVISED - | | | | | FED. ROAD DIST. NO. 4 | | ILLINOIS FED. AID PROJECT W-5314 10011 | |
| | | DATE - JAN 2014 | REVISED - | | | | | | | | |



BEGIN IMPROVEMENTS
STA. 25+14.28

STA. 25+60.59 PROP. C. STERLING AVE =
PROP. C. RHODORA STREET
 $\Delta = 88^{\circ}18'20.90''$

IMPROVEMENTS BY OTHERS

RELOCATE SIGN PANEL
ASSEMBLY - TYPE A

ACCESS. RAMP, TYP.
SEE RAMP DETAILS

GAS VALVE TO REMAIN

SIGN PANEL - TYPE 1
TELESCOPING STEEL SIGN SUPPORT
"STOP"

ACCESS. RAMP, TYP.
SEE RAMP DETAILS

SIGN PANEL - TYPE 1
TELESCOPING STEEL SIGN SUPPORT
"RESIDENT TRAFFIC ONLY"

+47.50
64.77' RT

MATCH EX. EL = 513.35

MATCH EX. EL = 513.90

PCC DRIVEWAY PAVEMENT, 10"

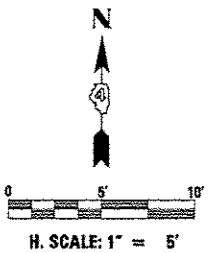
MATCH EX. EL = 513.76

RONNIE L. COTTY
18-06-252-001

EXISTING HMA
SURFACE

+77.80
63.89' RT
+77.80
73.23' RT

MATCH EX. EL = 513.15



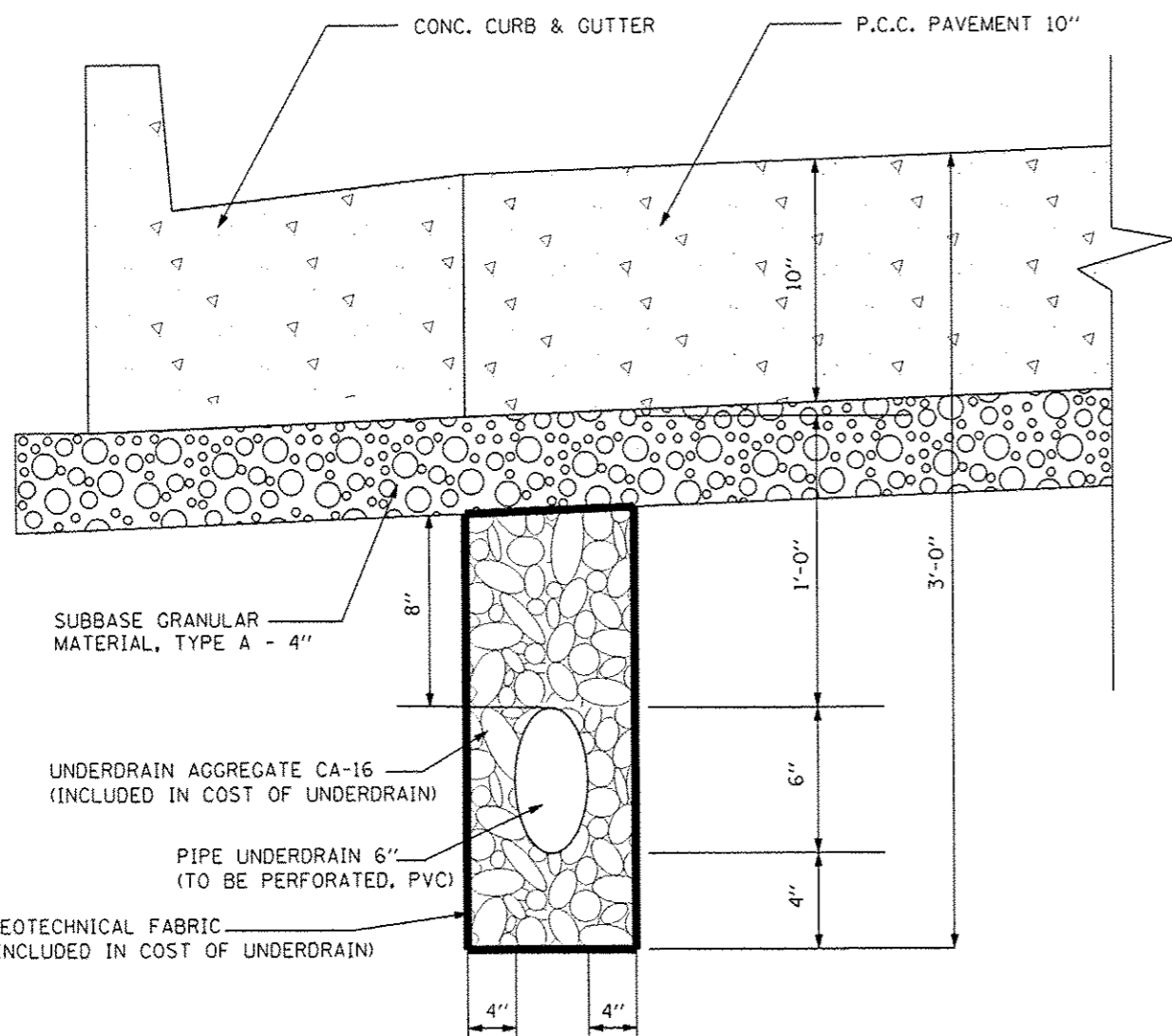
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|-------------|----------------------|-----------------|-----------|
| FILE NAME * | USER NAME * #USER* | DESIGNED - JLH | REVISED - |
| #FILE# | | DRAWN - JAL | REVISED - |
| | PLOT SCALE = #SCALE# | CHECKED - JLH | REVISED - |
| SHT. PLAN | PLOT DATE = #DATE# | DATE - JAN 2014 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

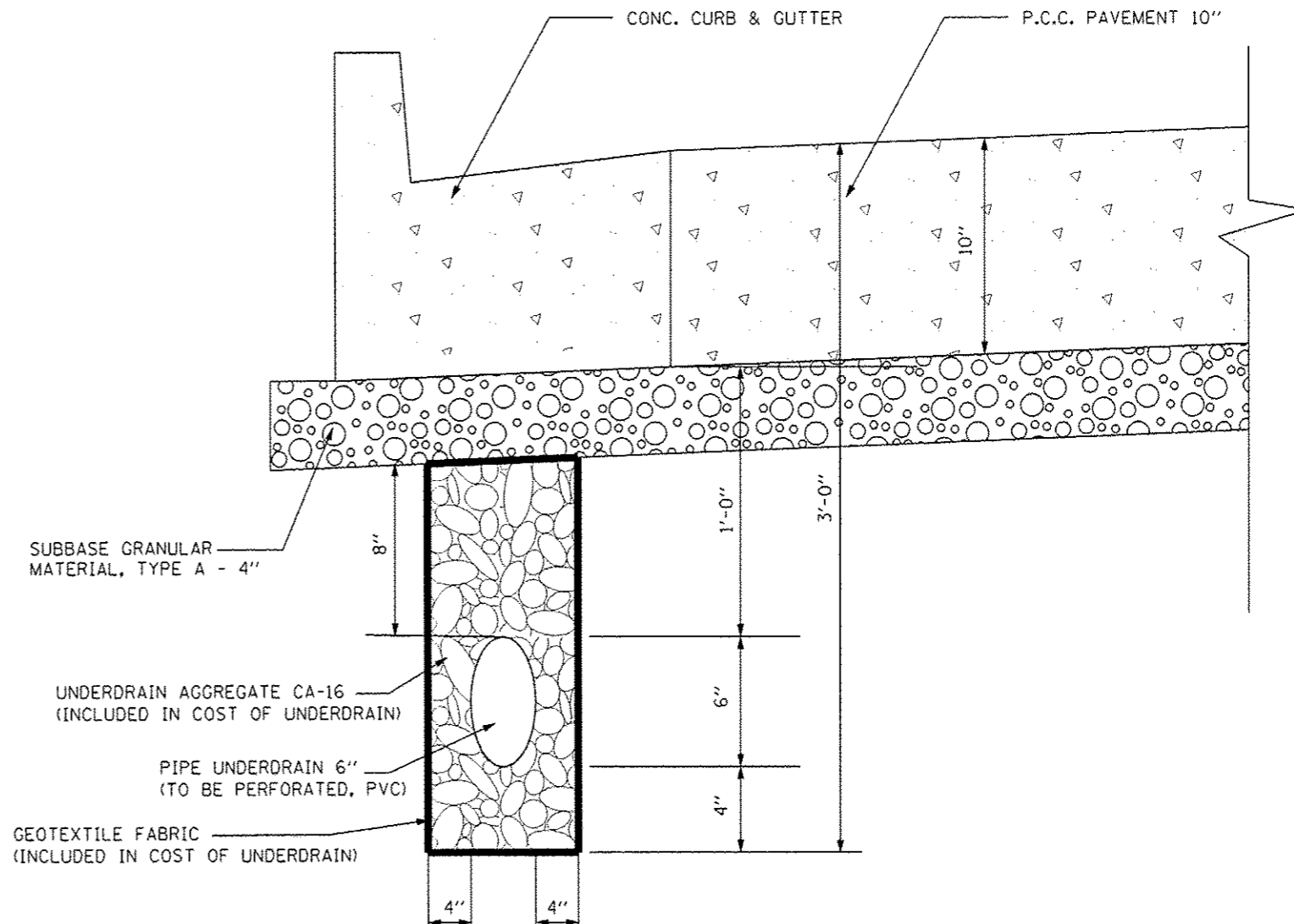
STERLING AVENUE
RHODORA AVE. DETAIL

SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

| | | | | |
|--|---------------|--------------------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 6586 | 05-0010-00-PV | PEORIA | 86 | 33 |
| STERLING AVENUE | | CONTRACT NO. 89385 | | |
| FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT N-5314 (001) | | | | |



PIPE UNDERDRAIN 6"
LOCATED IN FRONT OF THE CURB



PIPE UNDERDRAIN 6"
LOCATED UNDER THE CURB

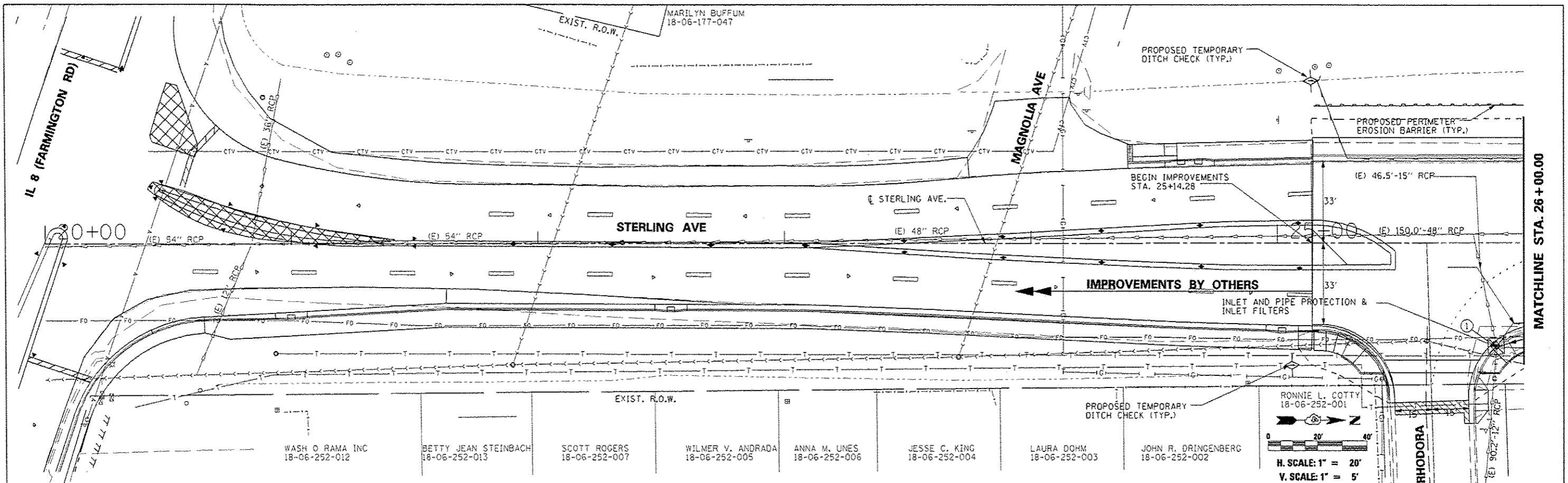
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|-------------|----------------------|-----------------|-----------|
| FILE NAME * | USER NAME * USER# | DESIGNED - JLH | REVISED - |
| FILEL# | | DRAWN - JAL | REVISED - |
| | PLOT SCALE * #SCALE# | CHECKED - JLH | REVISED - |
| SHT_PLAN | PLOT DATE * #DATE# | DATE - JAN 2014 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

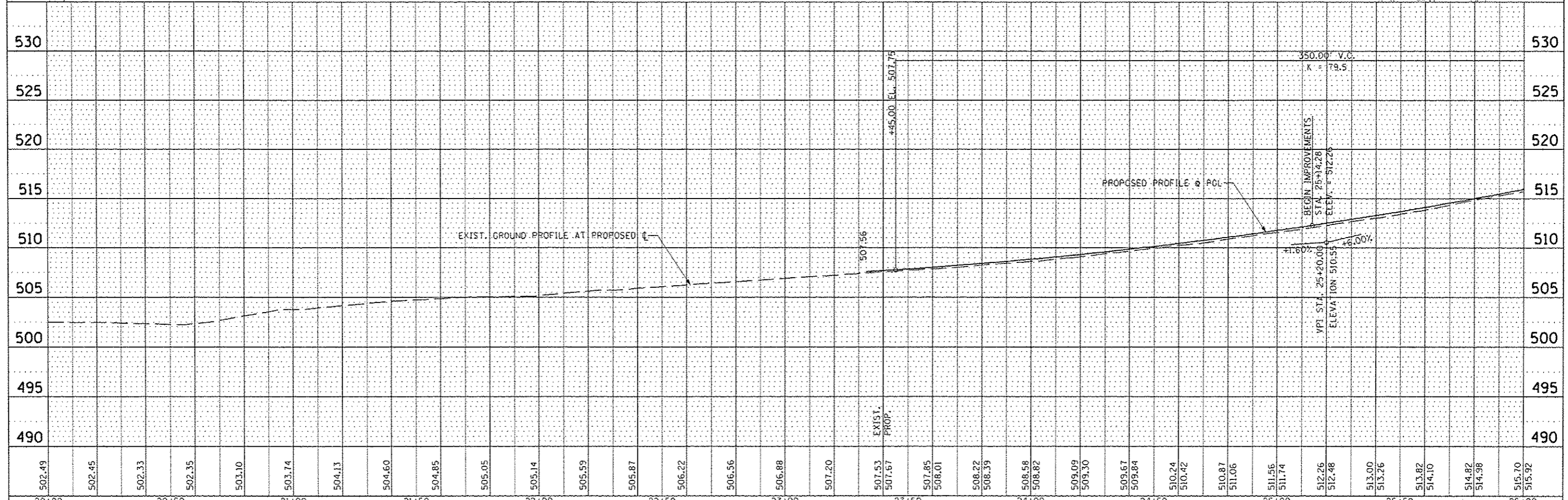
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|-------------------------|-------|-----------|--------------|
| STERLING AVENUE | | | |
| PIPE UNDERDRAIN DETAILS | | | |
| SCALE: | SHEET | OF SHEETS | STA. TO STA. |

| | | | | |
|---|----------------|--------------------|--------------|-----------|
| F.A.J. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 6586 | 05-00010-00-PV | PEORIA | 86 | 34 |
| STERLING AVENUE | | CONTRACT NO. 89385 | | |
| FED ROAD DIST NO. 4 ILLINOIS FED. AID PROJECT M-5314 1001 | | | | |

PLAN
 SURVEYED
 PLOTTED
 CHECKED
 DATE



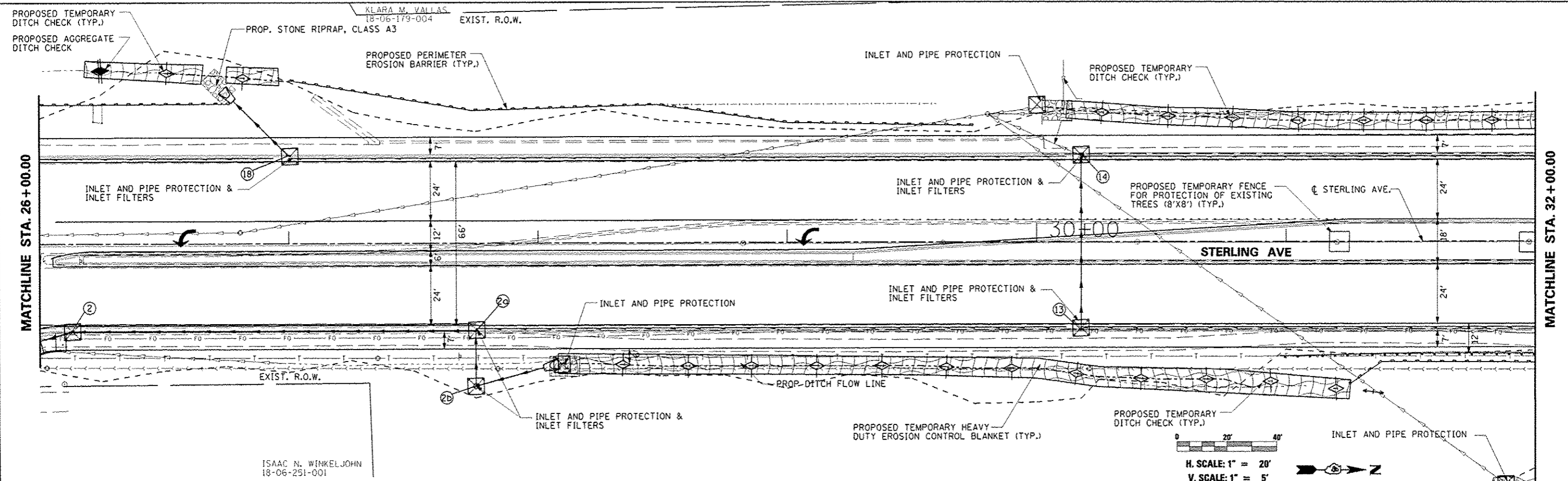
PROF. FILE
 SURVEYED
 PLOTTED
 CHECKED
 DATE



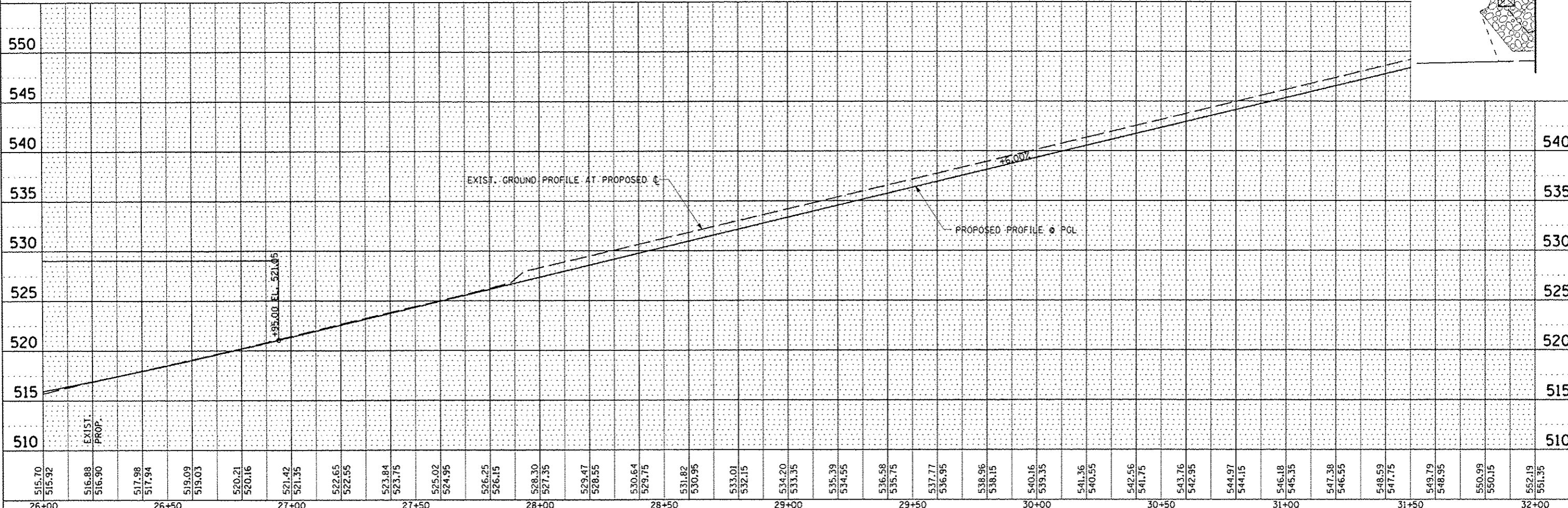
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| FILE NAME | USER NAME * USER# | DESIGNED - JLH | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | STERLING AVENUE EROSION AND SEDIMENT CONTROL PLAN | F.A.U. RTE. 6586 | SECTION 05-00010-00-PV | COUNTY PEORIA | TOTAL SHEETS 86 | SHEET NO. 35 | | |
| #FILE# | DESIGNED - JLH | REVISED - | SCALE: 1"=20' | | | SHEET NO. | OF SHEETS | STA. 20+00.00 TO STA. 26+00.00 | FED ROAD DIST NO. 4 ILLINOIS FED. AID PROJECT N-5314 1001 | | | |
| PLOT SCALE = *SCALE* | CHECKED - JLH | REVISED - | DATE - JAN 2014 | | | | | | | | | |
| PLOT DATE = *DATE* | DATE - JAN 2014 | REVISED - | | | | | | | | | | |

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|----------|--|
| DATE | |
| BY | |
| PLANNED | |
| DESIGNED | |
| DRAWN | |
| CHECKED | |
| NOTED | |
| NO. | |

| | |
|-----------|--|
| DATE | |
| BY | |
| PROFILING | |
| DESIGNED | |
| DRAWN | |
| CHECKED | |
| NOTED | |
| NO. | |



ISAAC N. WINKELJOHN
18-06-251-001



| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 515.70 | 515.92 | 516.88 | 516.90 | 517.98 | 517.94 | 519.09 | 519.03 | 520.21 | 520.16 | 521.42 | 521.35 | 522.65 | 522.55 | 523.84 | 523.75 | 525.02 | 524.95 | 526.25 | 526.15 | 528.30 | 527.35 | 529.47 | 528.55 | 530.64 | 529.75 | 531.82 | 530.95 | 533.01 | 532.15 | 534.20 | 533.35 | 535.39 | 534.55 | 536.58 | 535.75 | 537.77 | 536.95 | 538.96 | 538.15 | 540.16 | 539.35 | 541.36 | 540.55 | 542.56 | 541.75 | 543.76 | 542.95 | 544.97 | 544.15 | 546.18 | 545.35 | 547.38 | 546.55 | 548.59 | 547.75 | 549.79 | 548.95 | 550.99 | 550.15 | 552.19 | 551.35 |
| 26+00 | 26+50 | 27+00 | 27+50 | 28+00 | 28+50 | 29+00 | 29+50 | 30+00 | 30+50 | 31+00 | 31+50 | 32+00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| FILE NAME | |
| USER NAME | USER |
| DESIGNED | JLH |
| DRAWN | JLH |
| CHECKED | JLH |
| DATE | JAN 2014 |

| | |
|-----------|--|
| REVISIONS | |
| NO. | |
| DATE | |
| BY | |
| REASON | |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

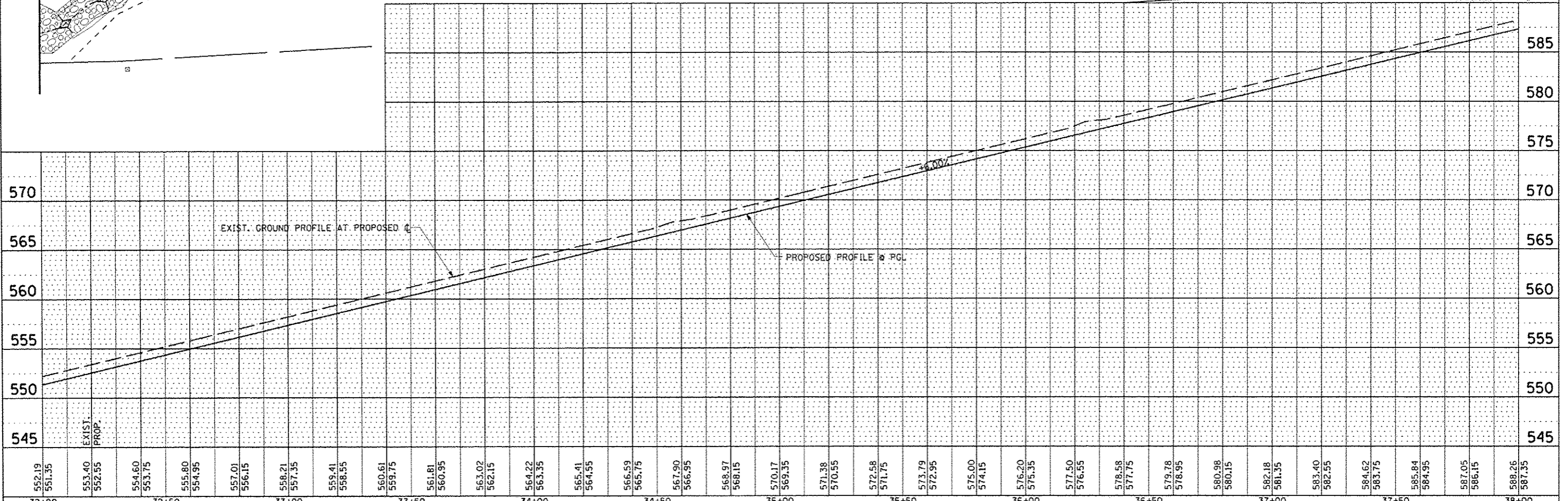
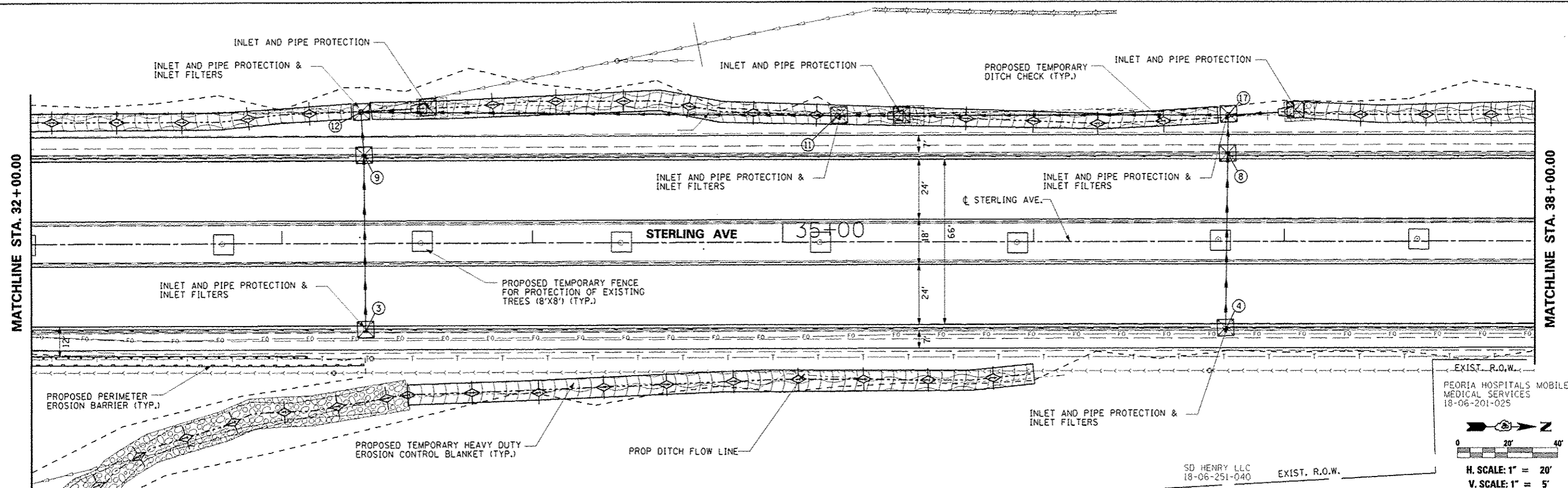
**STERLING AVENUE
EROSION AND SEDIMENT CONTROL PLAN**

SCALE: 1"=20' SHEET NO. OF SHEETS STA. 26+00.00 TO STA. 32+00.00

| | | | | |
|--|----------------|--------------------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 6586 | 05-00010-00-PV | PEORIA | 86 | 36 |
| STERLING AVENUE | | CONTRACT NO. 89385 | | |
| FED ROAD DIST NO. 4 ILLINOIS FED. AID PROJECT M-3314 (001) | | | | |

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| DATE | |
| BY | |
| NO. | |
| DATE | |
| BY | |
| NO. | |
| DATE | |
| BY | |
| NO. | |

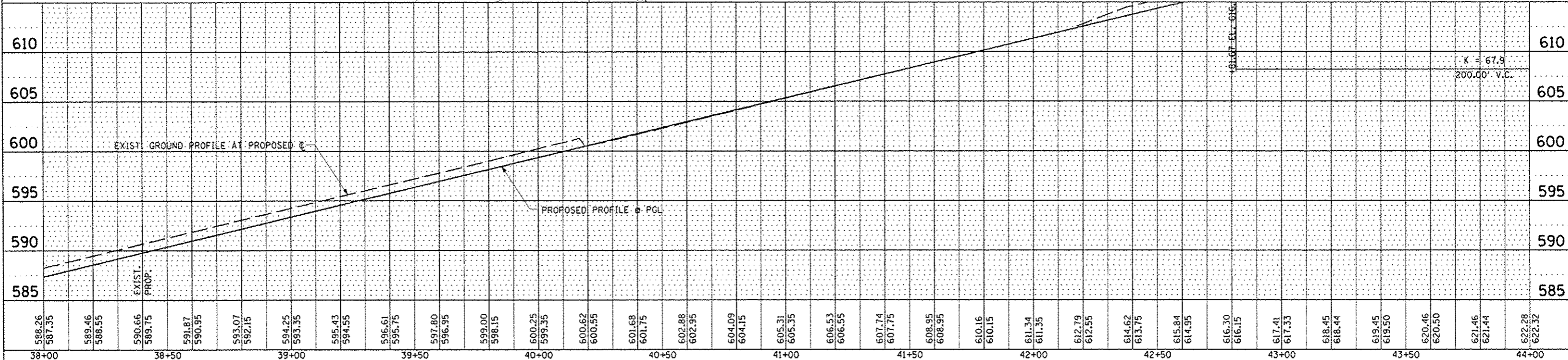
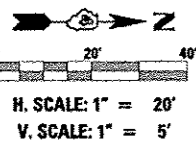
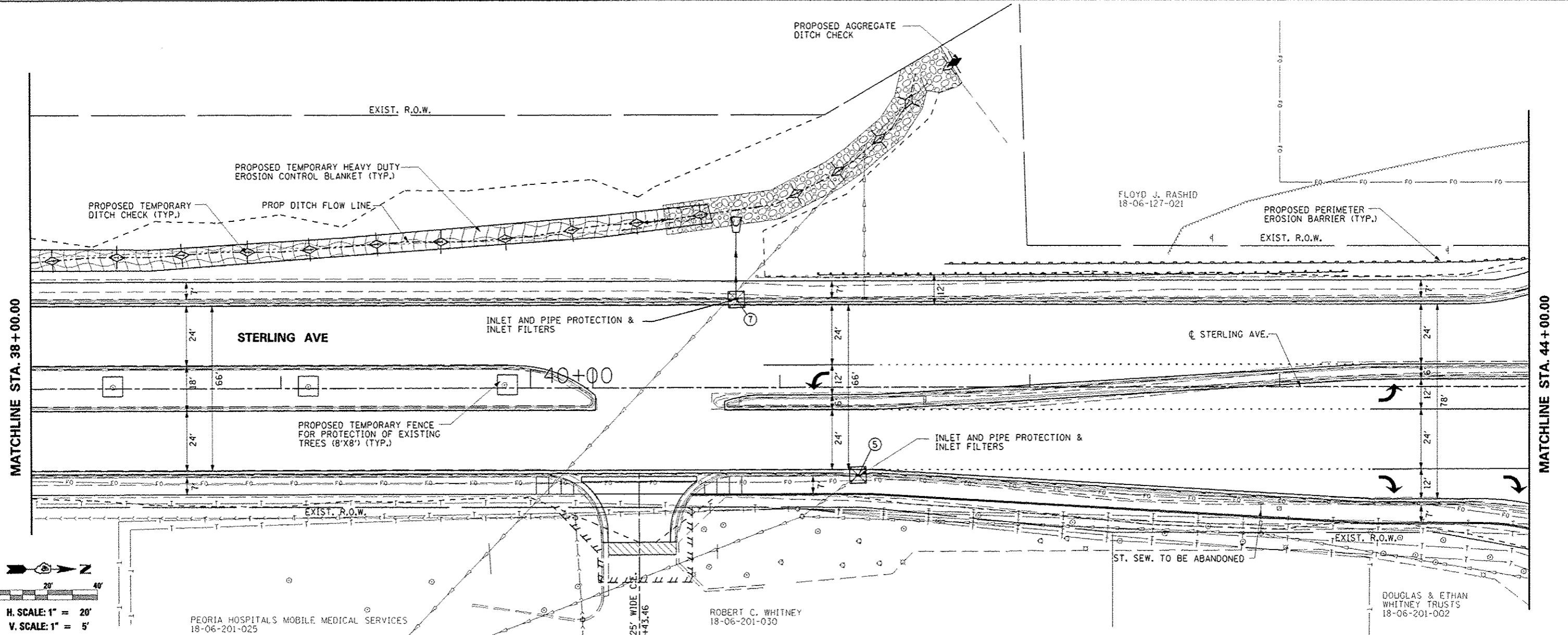
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| DATE | |
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| NO. | |
| DATE | |
| BY | |
| NO. | |



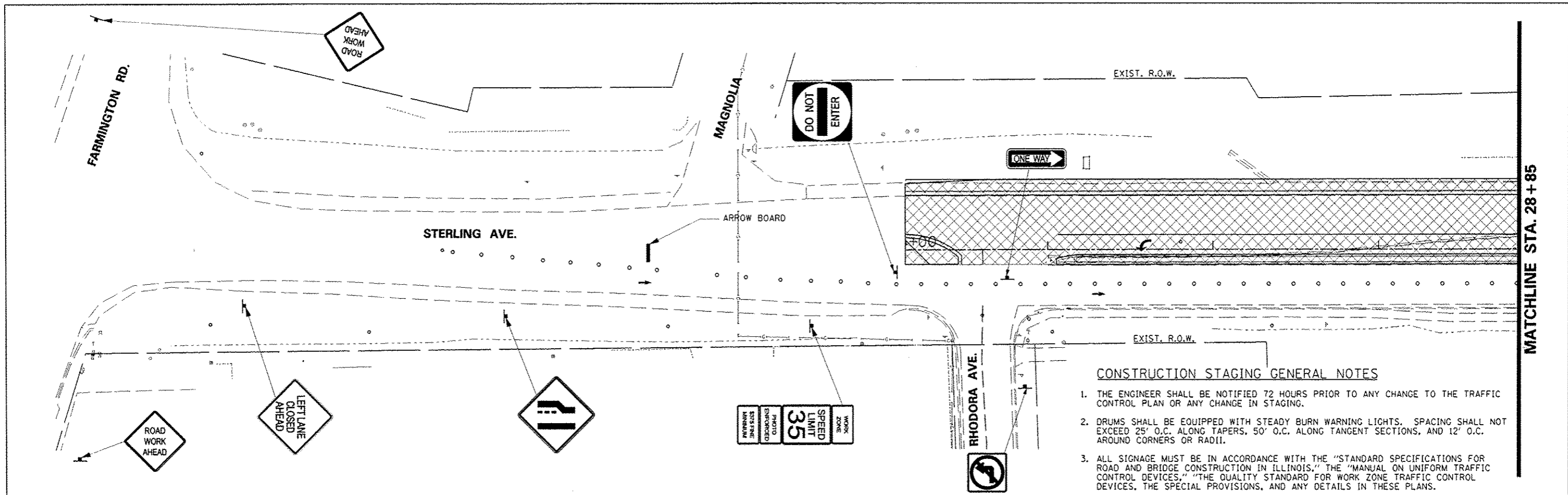
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|-----------|-----------|----------|---------|------------------------------|--|--------|--------|--------|--------|--------|---------------------|--|--------------|--------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 552.19 | 551.35 | 553.40 | 552.55 | 554.60 | 553.75 | 555.80 | 554.95 | 557.01 | 556.15 | 558.21 | 557.35 | 559.41 | 558.55 | 560.61 | 559.75 | 561.81 | 560.95 | 563.02 | 562.15 | 564.22 | 563.35 | 565.41 | 564.55 | 566.59 | 565.75 | 567.90 | 566.95 | 568.97 | 568.15 | 570.17 | 569.35 | 571.38 | 570.55 | 572.58 | 571.75 | 573.79 | 572.95 | 575.00 | 574.15 | 576.20 | 575.35 | 577.50 | 576.55 | 578.58 | 577.75 | 579.78 | 578.95 | 580.98 | 580.15 | 582.18 | 581.35 | 583.40 | 582.55 | 584.62 | 583.75 | 585.84 | 584.95 | 587.05 | 586.15 | 588.26 | 587.35 |
| 32+00 | 32+50 | 33+00 | 33+50 | 34+00 | 34+50 | 35+00 | 35+50 | 36+00 | 36+50 | 37+00 | 37+50 | 38+00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FILE NAME | USER NAME | DESIGNED | REVISOR | STATE OF ILLINOIS | STERLING AVENUE | | | | | F.A.U. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| #FILE# | #USER# | JLH | JLH | DEPARTMENT OF TRANSPORTATION | EROSION AND SEDIMENT CONTROL PLAN | | | | | 6586 | 05-00010-00-PV | PEORIA | 86 | 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | JLH | JLH | | SCALE: 1"=20' | | | | | | STERLING AVENUE | | | CONTRACT NO. 89385 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | JAN 2014 | | | SHEET NO. OF SHEETS STA. 32+00.00 TO STA. 38+00.00 | | | | | | FED ROAD DIST NO. 4 | ILLINOIS FED. AID PROJECT M-5314 (000) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| DATE | |
| BY | |
| PROJECT NO. | |
| ALLOTMENT NO. | |
| FILE NO. | |
| FILE NAME | |
| NO. | |

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| DATE | |
| BY | |
| PROJECT NO. | |
| ALLOTMENT NO. | |
| FILE NO. | |
| FILE NAME | |
| NO. | |



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|-----------|-----------|----------------|-----------|---|--|--|--|------------------|------------------------|--------------------|-----------------|--------------|
| FILE NAME | USER NAME | DESIGNED - JLH | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | | STERLING AVENUE EROSION AND SEDIMENT CONTROL PLAN | | F.A.U. RTE. 6386 | SECTION 05-00010-00-PV | COUNTY PEORIA | TOTAL SHEETS 86 | SHEET NO. 38 |
| DATE | DATE | CHECKED - JLH | REVISED - | SCALE: 1"=20' | | SHEET NO. OF SHEETS STA. 38+00.00 TO STA. 44+00.00 | | STERLING AVENUE | | CONTRACT NO. 89385 | | |
| DATE | DATE | DATE | DATE | FED ROAD DIST NO. 4 | | ILLINOIS FED. AID PROJECT | | M-5314 1001 | | | | |



CONSTRUCTION STAGING GENERAL NOTES

1. THE ENGINEER SHALL BE NOTIFIED 72 HOURS PRIOR TO ANY CHANGE TO THE TRAFFIC CONTROL PLAN OR ANY CHANGE IN STAGING.
2. DRUMS SHALL BE EQUIPPED WITH STEADY BURN WARNING LIGHTS. SPACING SHALL NOT EXCEED 25' O.C. ALONG TAPERS, 50' O.C. ALONG TANGENT SECTIONS, AND 12' O.C. AROUND CORNERS OR RADII.
3. ALL SIGNAGE MUST BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS," THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES," "THE QUALITY STANDARD FOR WORK ZONE TRAFFIC CONTROL DEVICES, THE SPECIAL PROVISIONS, AND ANY DETAILS IN THESE PLANS.
4. THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN ACCESS TO THE COMMERCIAL ENTRANCE AT STA. 40+43 RT AT ALL TIMES BEFORE, DURING, & AFTER CONSTRUCTION. THE RECONSTRUCTION OF THIS ENTRANCE SHALL OCCUR DURING STAGE II. RECONSTRUCTION OF THE ENTRANCE SHALL BE LIMITED TO A MAXIMUM OF 1/2 THE DRIVE WIDTH AT ONE TIME. A 12' CLEAR WIDTH SHALL REMAIN OPEN AND ACCESSIBLE AT ALL TIMES. THE CONTRACTOR SHALL COORDINATE THE EXACT DATE OF THE RECONSTRUCTION OF THIS ENTRANCE WITH THE ENGINEER FOR APPROVAL BEFORE BEGINNING ANY OPERATIONS THAT WOULD RESTRICT ACCESS.
5. REMOVE ALL CONFLICTING SIGNS AND PAVEMENT MARKINGS.

CONSTRUCTION STAGING NOTES - PRE STAGE

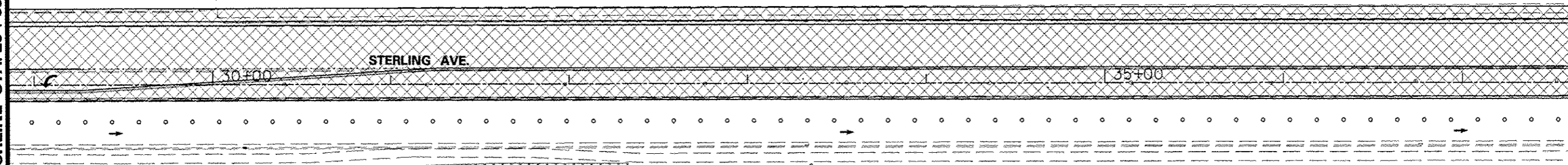
- PERFORM NECESSARY CLEARING & TREE REMOVAL
- ERECT TRAFFIC CONTROL REQUIRED FOR SOUTHBOUND ROAD CLOSURE & LOCAL ROUTE DETOUR
- RE-TIME TRAFFIC SIGNALS AT NEBRASKA AS REQUIRED (COORDINATION WITH CITY OF PEORIA REQUIRED)

LEGEND

| | |
|--|---------------------------|
| | STAGE I CONSTRUCTION ZONE |
| | ARROW BOARD |
| | TYPE III BARRICADE |
| | POST MOUNTED SIGN |
| | DRUM, BARRICADE, CONE |
| | TRAFFIC FLOW DIRECTION |

MATCHLINE STA. 28+85

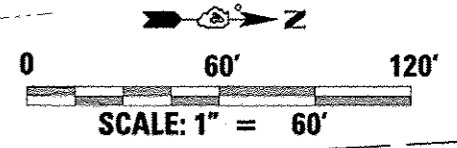
MATCHLINE STA. 37+70



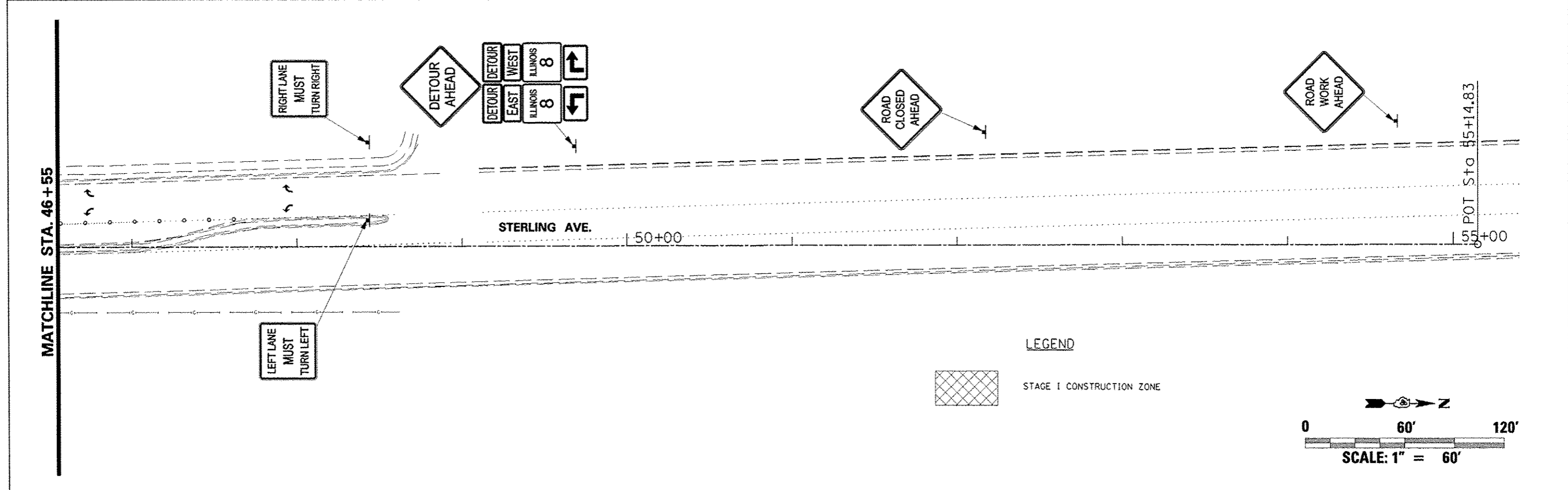
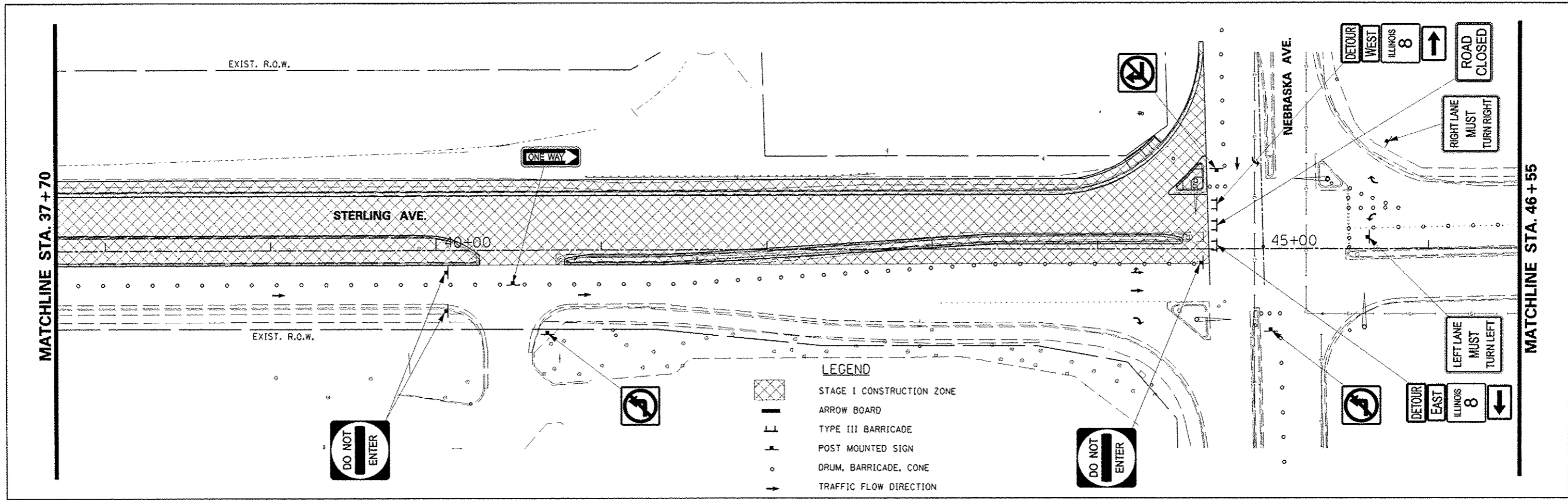
CONSTRUCTION STAGING NOTES - STAGE I

1. REMOVE SOUTHBOUND LANES, C&G, SIDEWALK, & MEDIAN
2. CONSTRUCT STORM SEWER STRUCTURES & PIPE.
3. CONSTRUCT CORNER ISLANDS, CENTER MEDIAN, & OUTSIDE CURB
4. CONSTRUCT SOUTHBOUND LANES OF PAVEMENT & SIDEWALK ON WEST SIDE
5. OPEN SOUTHBOUND LANES TO ONE WAY TRAFFIC & ERECT TRAFFIC CONTROL & MUTCD TYPICAL APPLICATION 19 FOR NORTHBOUND ROAD CLOSURE & DETOUR
6. THE STAGE I CONSTRUCTION LIMIT SHALL EXTEND 3' INTO THE INSIDE NORTHBOUND THROUGH LANE TO PROVIDE SUFFICIENT CLEARANCE TO REMOVE AND RECONSTRUCT THE RAISED CURB MEDIAN IN ITS ENTIRETY DURING STAGE I CONSTRUCTION.

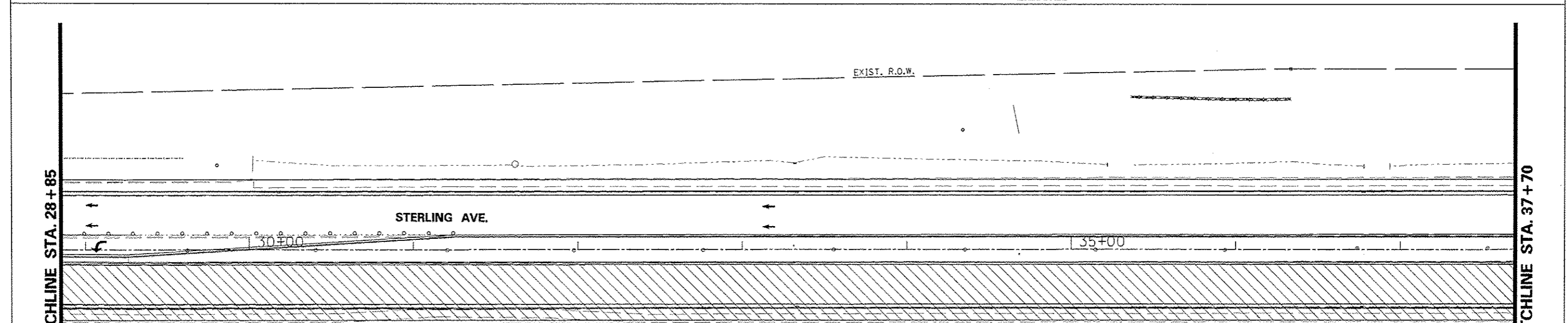
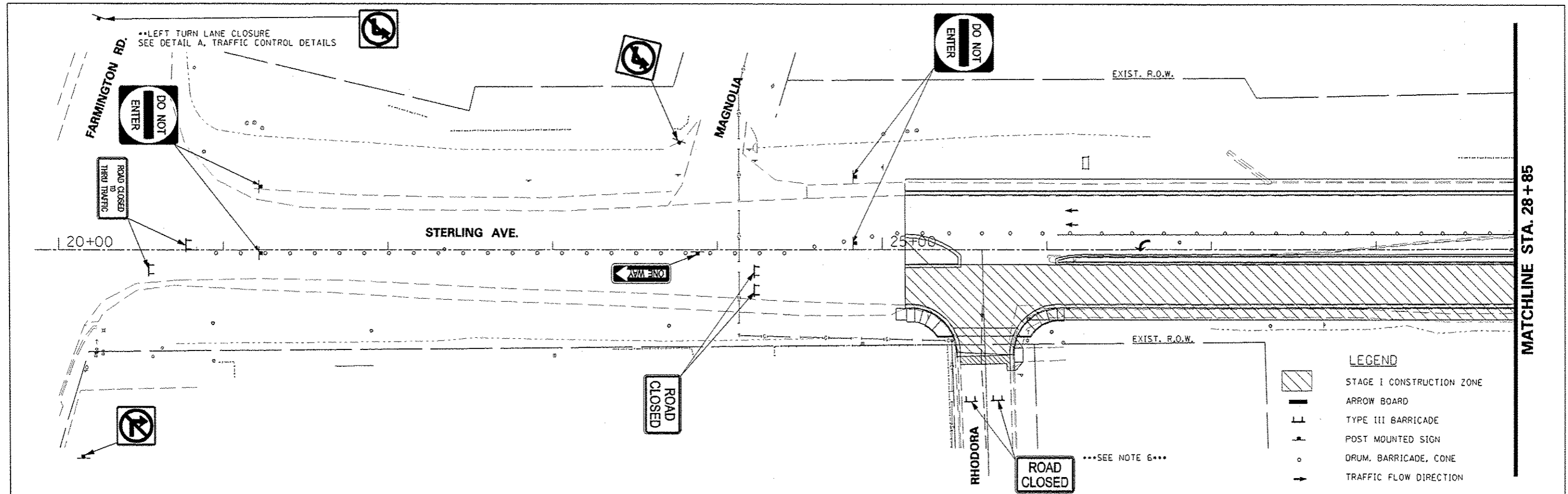
6. THE ILLINOIS DEPARTMENT OF TRANSPORTATION WILL BE IMPLEMENTING SAFETY IMPROVEMENTS TO THE INTERSECTION OF STERLING AVENUE AND FARMINGTON ROAD (IL ROUTE 8) IN CALENDAR YEAR 2014. THESE IMPROVEMENTS INCLUDE WORK ON STEVER AND RHODORA AVENUES THAT WILL REQUIRE CLOSURES OF THESE STREETS AT FARMINGTON ROAD. IN ORDER TO MAINTAIN ACCESS TO THE BUSINESSES & RESIDENCES SERVED BY THESE TWO STREETS, THE CONTRACTOR SHALL COORDINATE & COOPERATE WITH IDOT'S RESIDENT ENGINEER AND CONTRACTOR TO ENSURE THAT RHODORA AVENUE AT STERLING IS NOT CLOSED AT THE SAME TIME AS STEVER OR RHODORA AT FARMINGTON ROAD.



| | | | | | | | | | | | | |
|-------------|----------------------|-----------------|-----------|---|---|---------------------|--------------|---|--------------------------|-----------------|-------------------|----------------|
| FILE NAME : | USER NAME : RUSERS | DESIGNED : JLM | REVISED : | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | STERLING AVENUE STAGE I TRAFFIC MANAGEMENT | | | F.A. RTE. : 6585 | SECTION : 05-00010-00-PV | COUNTY : PEORIA | TOTAL SHEETS : 86 | SHEET NO. : 40 |
| FILE # : | PLDT SCALE : #SCALE# | DRAWN : JLM | REVISED : | | SCALE: 1" = 60' | SHEET NO. OF SHEETS | STA. TO STA. | STERLING AVENUE CONTRACT NO. 89385 | | | | |
| | PLDT DATE : #DATE# | CHECKED : | REVISED : | | | | | FED ROAD DIST NO. 4 ILLINOIS FED. AID PROJECT M-5314 100U | | | | |
| | | DATE : JAN 2014 | REVISED : | | | | | | | | | |



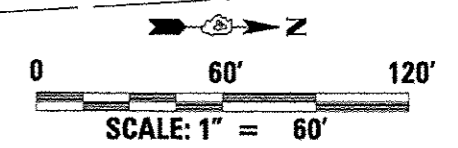
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| FILE NAME = #FILEL4 | USER NAME = #USER# | DESIGNED - JLH | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | STERLING AVENUE STAGE I TRAFFIC MANAGEMENT | | | F.A. RTE. 6585 | SECTION 05-00010-00-PV | COUNTY PEORIA | TOTAL SHEETS 86 | SHEET NO. 41 |
| | | DRAWN - JLH | REVISED - | | SCALE: 1" = 60' | SHEET NO. OF SHEETS STA. TO STA. | CONTRACT NO. 89385 | STERLING AVENUE | | FED ROAD DIST NO. 4 ILLINOIS/FED. AID PROJECT M-5314 10011 | | |
| | | CHECKED - | REVISED - | | | | | | | | | |
| | | DATE - JAN 2014 | REVISED - | | | | | | | | | |



CONSTRUCTION STAGING NOTES - STAGE II

1. REMOVE NORTHBOUND LANES, C&G, & SIDEWALK
2. CONSTRUCT STORM SEWER STRUCTURES & PIPE
3. CONSTRUCT CORNER ISLANDS & OUTSIDE CURB
4. CONSTRUCT NORTHBOUND LANES OF PAVEMENT & SIDEWALK ON EAST SIDE
5. OPEN ENTIRE ROADWAY FOR TRAFFIC

6. DURING STAGE II CONSTRUCTION, WESTBOUND RHODORA AT STERLING AVENUE MUST REMAIN OPEN UNTIL IDOT'S IMPROVEMENTS ARE COMPLETE OR UNTIL OTHERWISE DIRECTED BY THE ENGINEER TO ACCOMMODATE DELIVERY VEHICLES AND HEAVY TRUCKS ENTERING & EXITING STEVER GRAVEL PIT. IN THE EVENT IDOT HAS NOT COMPLETED ITS PROJECT BY THE START OF STAGE II CONSTRUCTION, CONTRACTOR SHALL STAGE HIS OPERATIONS SUCH THAT VEHICLES WESTBOUND ON RHODORA HAVE ACCESS TO SOUTHBOUND STERLING AVENUE. THE CONTRACTOR SHALL COORDINATE & COOPERATE WITH IDOT'S RESIDENT ENGINEER AND CONTRACTOR AS TO THE SPECIFIC REQUIREMENTS OF THIS WORK.



| | | | |
|-------------|----------------------|-----------------|-----------|
| FILE NAME = | USER NAME = #USER# | DESIGNED - JLH | REVISED - |
| #FILE# | | DRAWN - JLH | REVISED - |
| | PLOT SCALE = #SCALE# | CHECKED - | REVISED - |
| | PLOT DATE = #DATE# | DATE - JAN 2014 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STERLING AVENUE
STAGE II TRAFFIC MANAGEMENT**

SCALE: 1" = 60' SHEET NO. OF SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--|----------------|--------------------|--------------|-----------|
| 6585 | 05-00010-00-PV | PEORIA | 86 | 42 |
| STERLING AVENUE | | CONTRACT NO. B9385 | | |
| FED ROAD DIST NO. 4 ILLINOIS FED. AID PROJECT M-5314 10911 | | | | |

MATCHLINE STA. 37+70

MATCHLINE STA. 46+55

STERLING AVE.

NEBRASKA AVE.








NOTE:
ACCESS SHALL BE MAINTAINED TO ADVANCED MEDICAL TRANSPORT AND TRI-COUNTY ANIMAL EMERGENCY CLINIC AT ALL TIMES. SEE SPECIAL PROVISION.

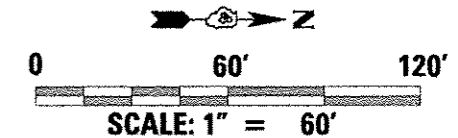
WORK ZONE
SPEED LIMIT 35
PHOTO ENFORCED
\$75 FINE
MINIMUM

STERLING AVE.

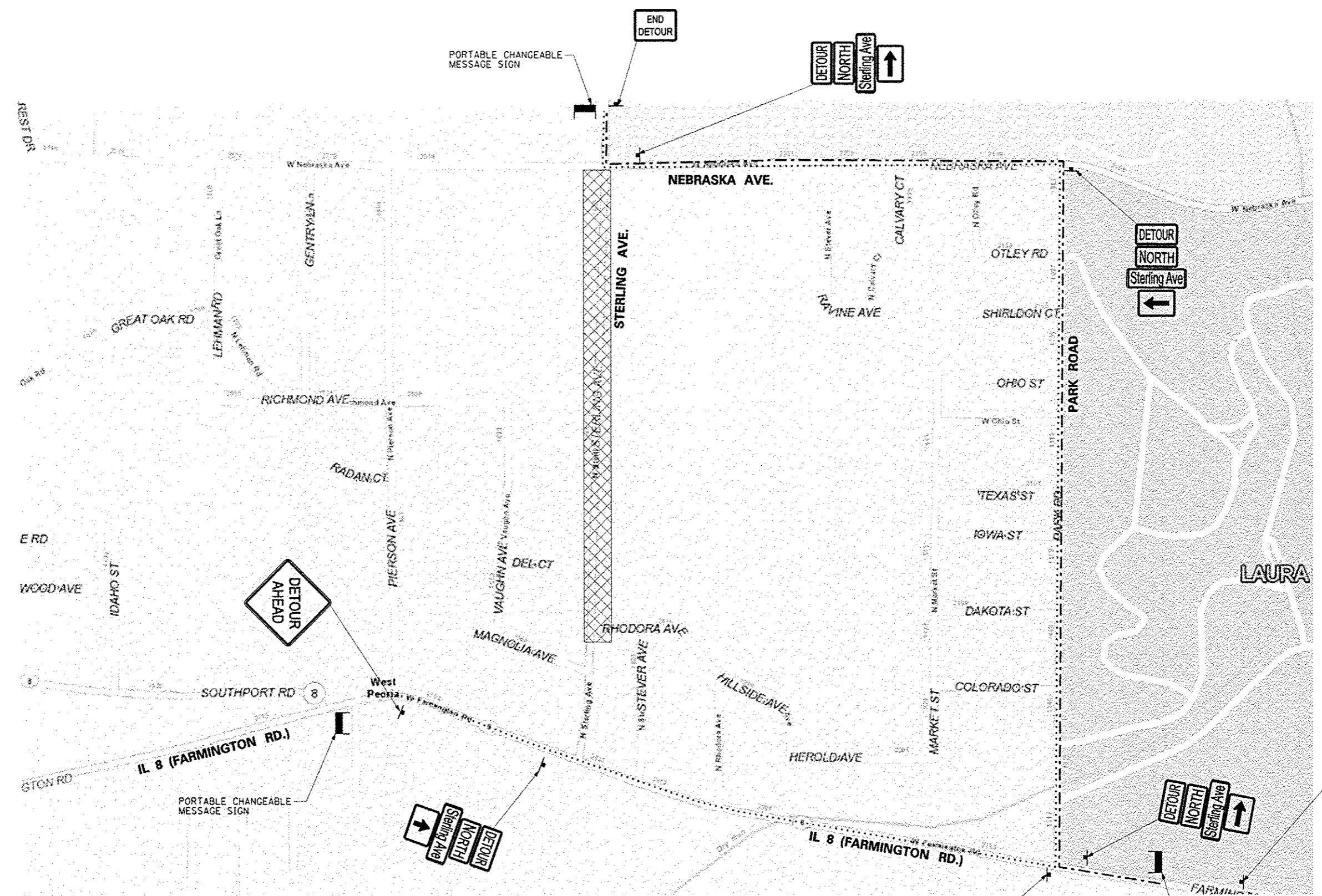
POT Sta 55+14.83





LEGEND

-  STAGE I CONSTRUCTION ZONE
-  CRITICAL ACCESS - SEE NOTE & SPECIAL PROVISION
-  ARROW BOARD
-  TYPE III BARRICADE
-  POST MOUNTED SIGN
-  DRUM, BARRICADE, CONE
-  TRAFFIC FLOW DIRECTION



| | | | | | | | | | | | | |
|---------------------|---------------------|----------------|-----------------|---|--|----------------|--------------------|-----------|--|--------|--------------|-----------|
| FILE NAME #FILE# | USER NAME *#USER# | DESIGNED - JLH | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | STERLING AVENUE STAGE II TRAFFIC MANAGEMENT | | | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | PLOT SCALE *#SCALE# | DRAWN - JLM | REVISED - | | 6585 | 05-00010-00-PV | PEORIA | 86 | 43 | | | |
| | PLOT DATE *#DATE# | CHECKED - | REVISED - | | STERLING AVENUE | | CONTRACT NO. 89385 | | FED ROAD DIST NO. 4 ILLINOIS FED. AID PROJECT M-5314 (001) | | | |
| | DATE - JAN 2014 | REVISED - | SCALE: 1" = 60' | | SHEET NO. OF SHEETS | STA. TO STA. | | | | | | |

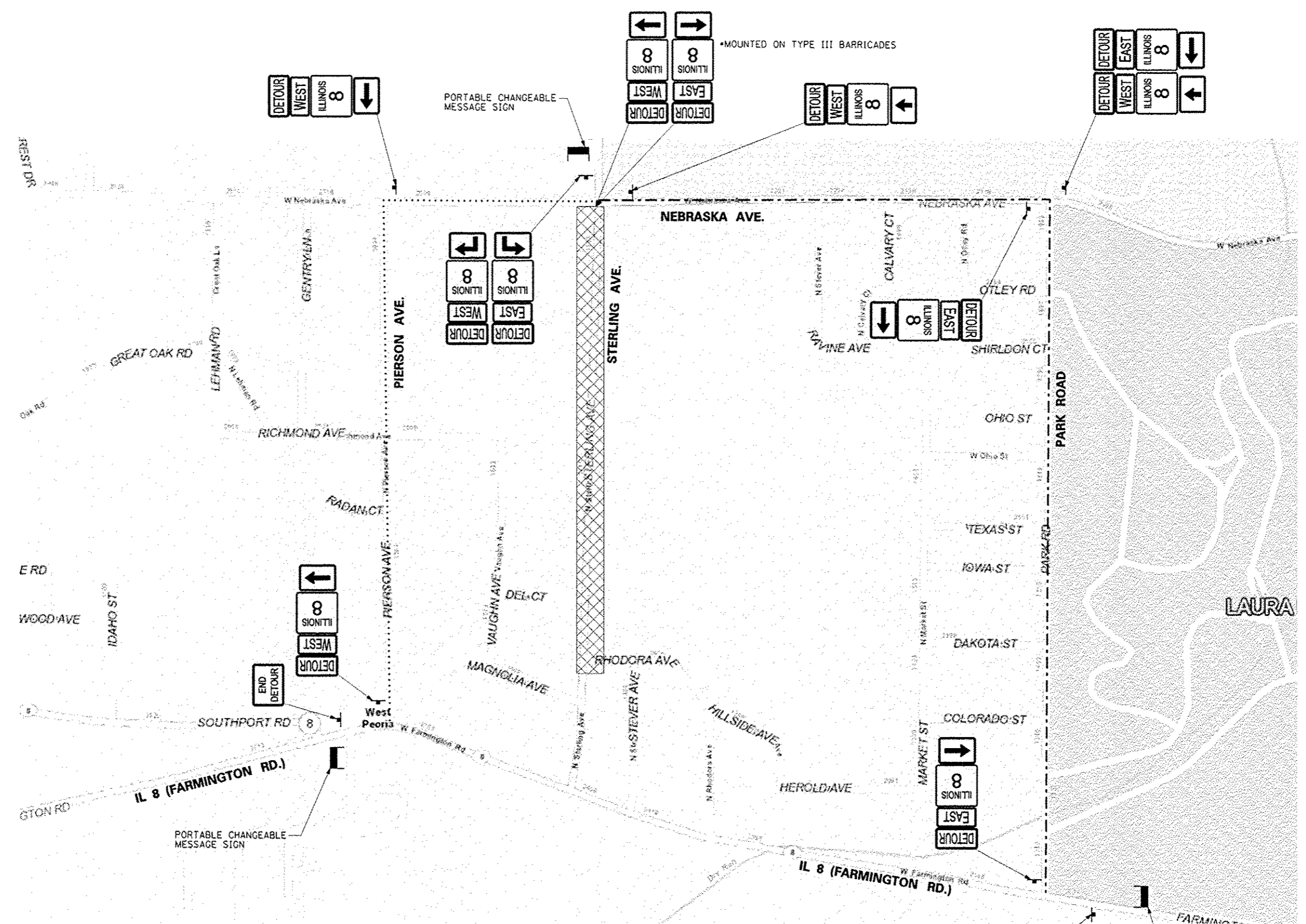


- LEGEND**
-  CONSTRUCTION ZONE - NB LANE CLOSURE
 -  POST MOUNTED SIGN
 -  EB FARMINGTON TO NB STERLING DETOUR ROUTE
 -  WB FARMINGTON TO NB STERLING DETOUR ROUTE







NOT TO SCALE

| | | | | | | | | | | | | |
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| FILE NAME | USER NAME | DESIGNED | REVISED | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | | STERLING AVENUE NB LANE CLOSURES - DETOUR ROUTES | | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| FILE# | #USER# | DRAWN | REVISED | | | 6585 | 05-00010-00-PV | PEORIA | 86 | 44 | | |
| | PLOT SCALE | CHECKED | REVISED | | | STERLING AVENUE | | CONTRACT NO. 89385 | | | | |
| | PLOT DATE | DATE | REVISED | | | FED ROAD DIST NO. 4 ILLINOIS/FED. AID PROJECT | | M-5314 (001) | | | | |
| | | | | SCALE: NTS | | SHEET NO. OF SHEETS STA. TO STA. | | | | | | |

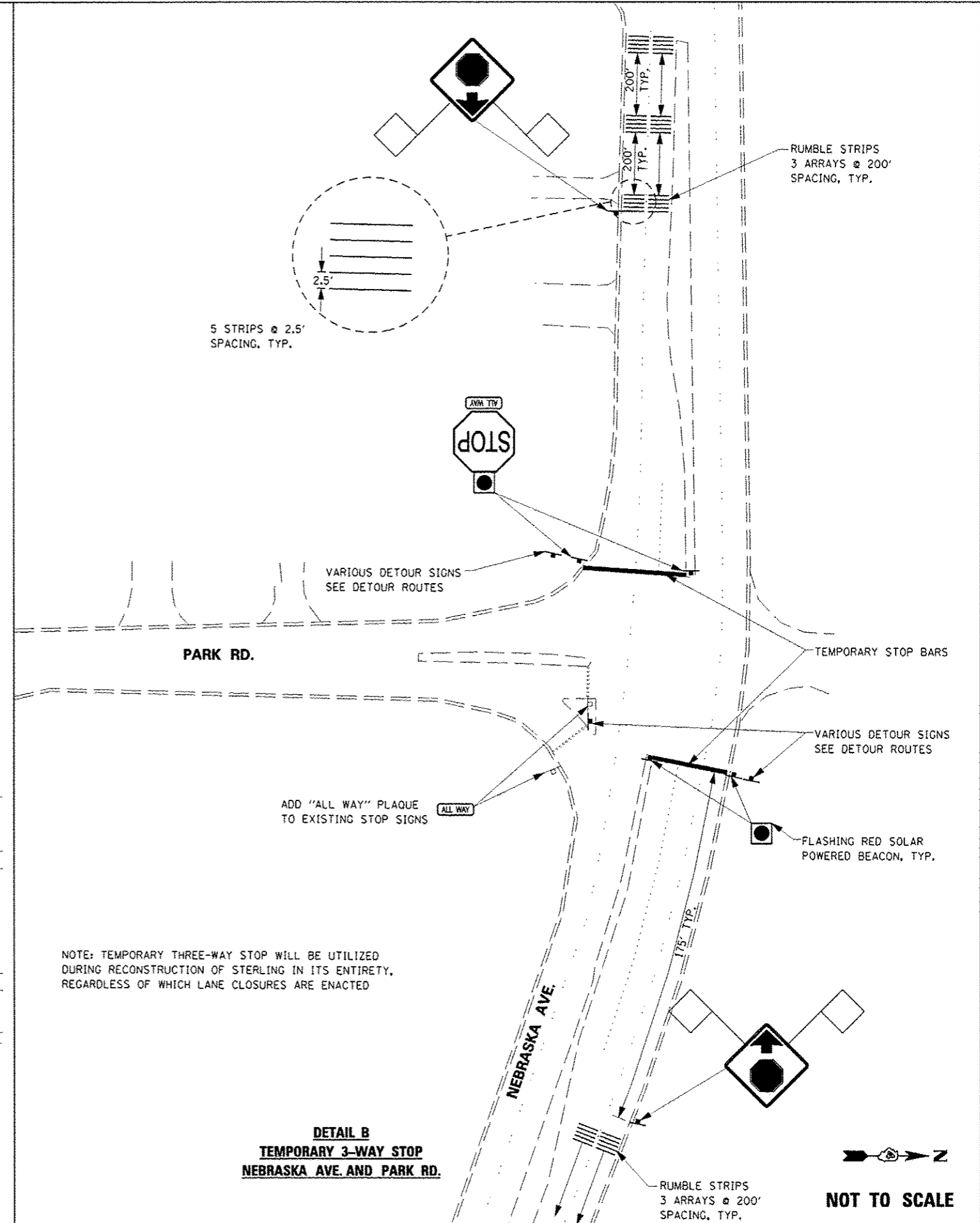
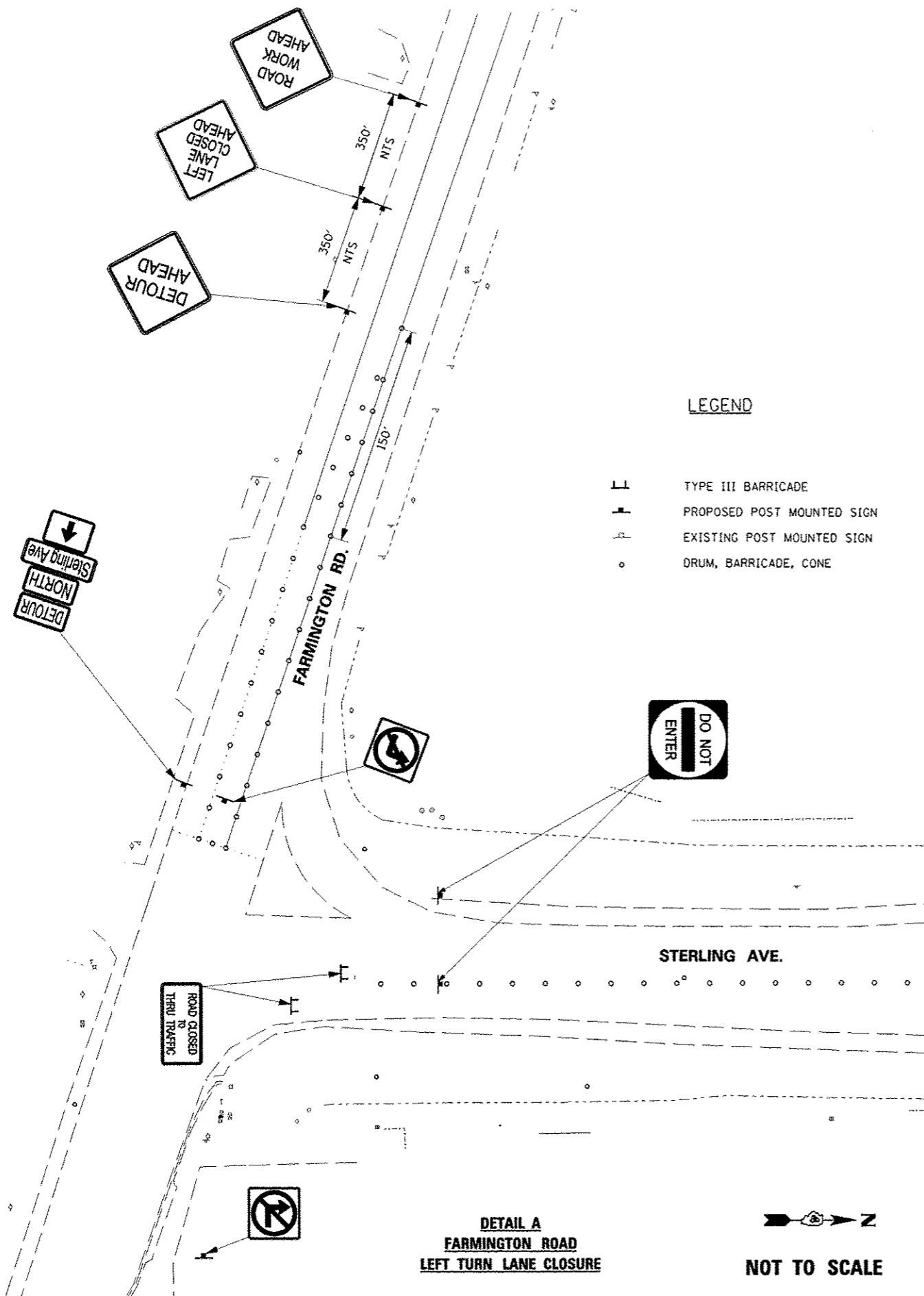


LEGEND

-  CONSTRUCTION ZONE - SB LANE CLOSURE
-  POST MOUNTED SIGN
-  SB STERLING TO WB FARMINGTON DETOUR ROUTE
-  SB STERLING TO EB FARMINGTON DETOUR ROUTE

NOT TO SCALE

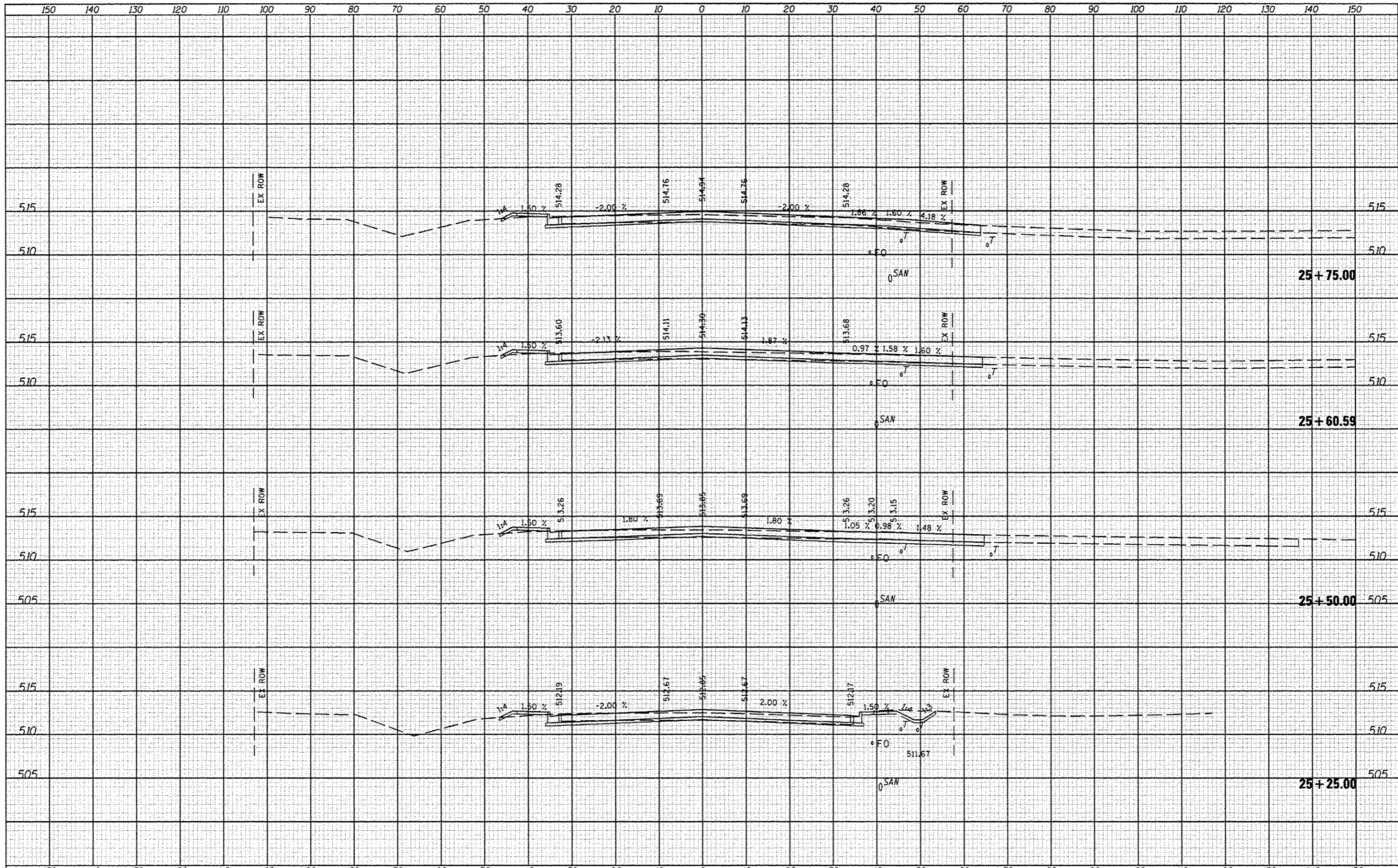
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| FILE NAME : #FILEL# | USER NAME : #USER# | DESIGNED - JLH | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | STERLING AVENUE SB LANE CLOSURES - DETOUR ROUTES | | | F.A. RTE. 6585 | SECTION 05-00010-00-PV | COUNTY PEORIA | TOTAL SHEETS 86 | SHEET NO. 45 |
| | PLOT SCALE : #SCALE# | DRAWN - JAL | REVISED - | | SCALE: NTS | SHEET NO. OF SHEETS | STA. TO STA. | STERLING AVENUE | | CONTRACT NO. 89385 | | |
| | PLOT DATE : #DATE# | CHECKED - JLH | REVISED - | | FED ROAD DIST NO. 4 ILLINOIS/FED. AID PROJECT M-5314 (001) | | | | | | | |
| | | DATE - JAN 2014 | REVISED - | | | | | | | | | |



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|-----------|-----------|-----------------|-----------|---|--|---------------------|--------------|---|----------------|--------------------|-----------|----|
| FILE NAME | USER NAME | DESIGNED - JLH | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | STERLING AVENUE TRAFFIC CONTROL DETAILS | | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| FILE # | | DRAWN - JAL | REVISED - | | SCALE: NTS | SHEET NO. OF SHEETS | STA. TO STA. | 6585 | 05-00010-00-PV | PEORIA | 86 | 46 |
| | | CHECKED - JLH | REVISED - | | | | | STERLING AVENUE | | CONTRACT NO. 89385 | | |
| | | DATE - JAN 2014 | REVISED - | | | | | FED ROAD DIST NO. 4 ILLINOIS/FED. AID PROJECT M-5314 1001 | | | | |

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| DATE | |
| BY | |
| DESIGNED | |
| DRAWN | |
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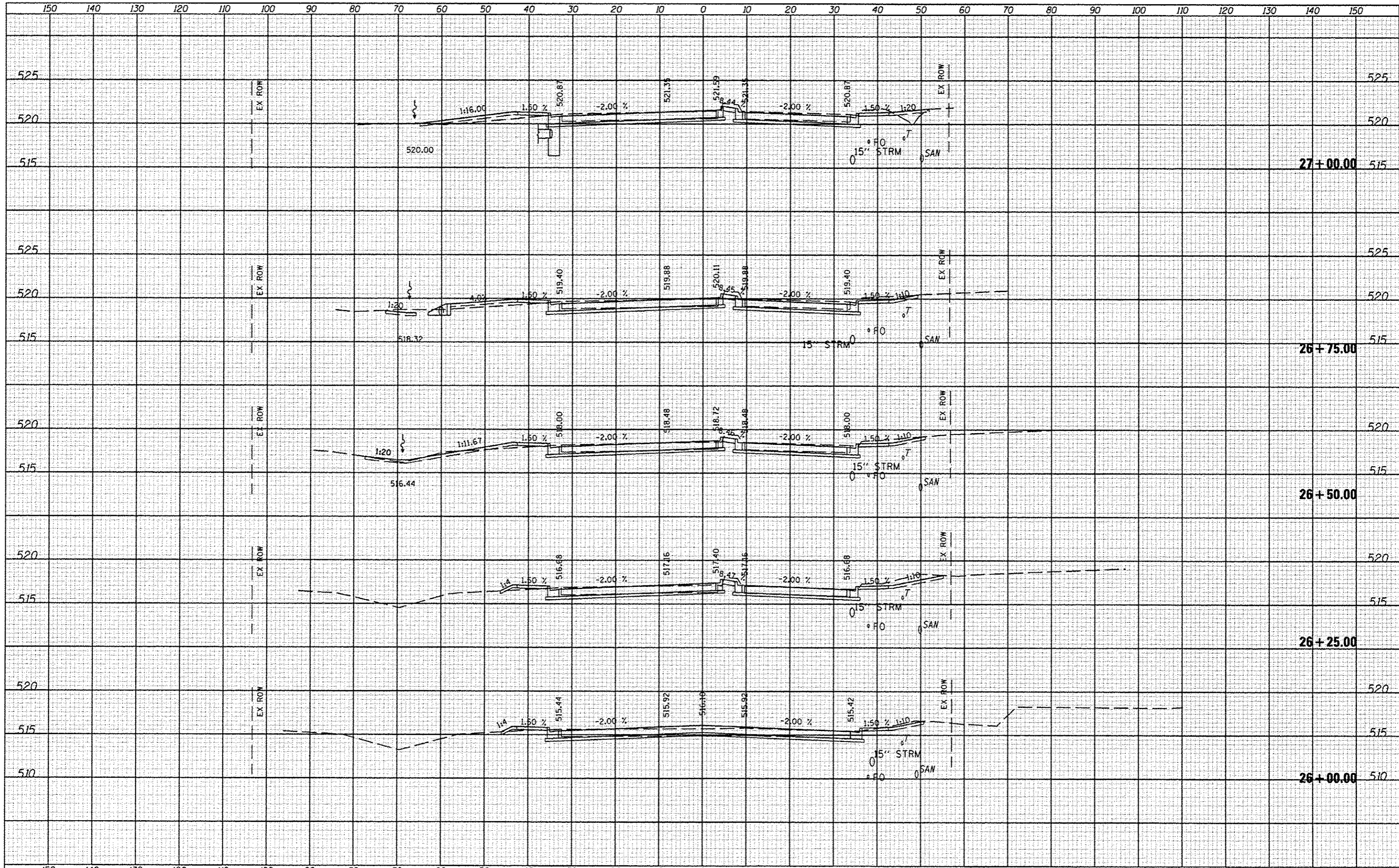
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| FILE NAME | USER NAME = *USER* | DESIGNED - JLH | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | CROSS SECTIONS | | | | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| *FILE#* | | DRAWN - JLH | REVISED - | | 6586 | 05-00010-00-PV | PEORIA | 86 | 48 | | | | |
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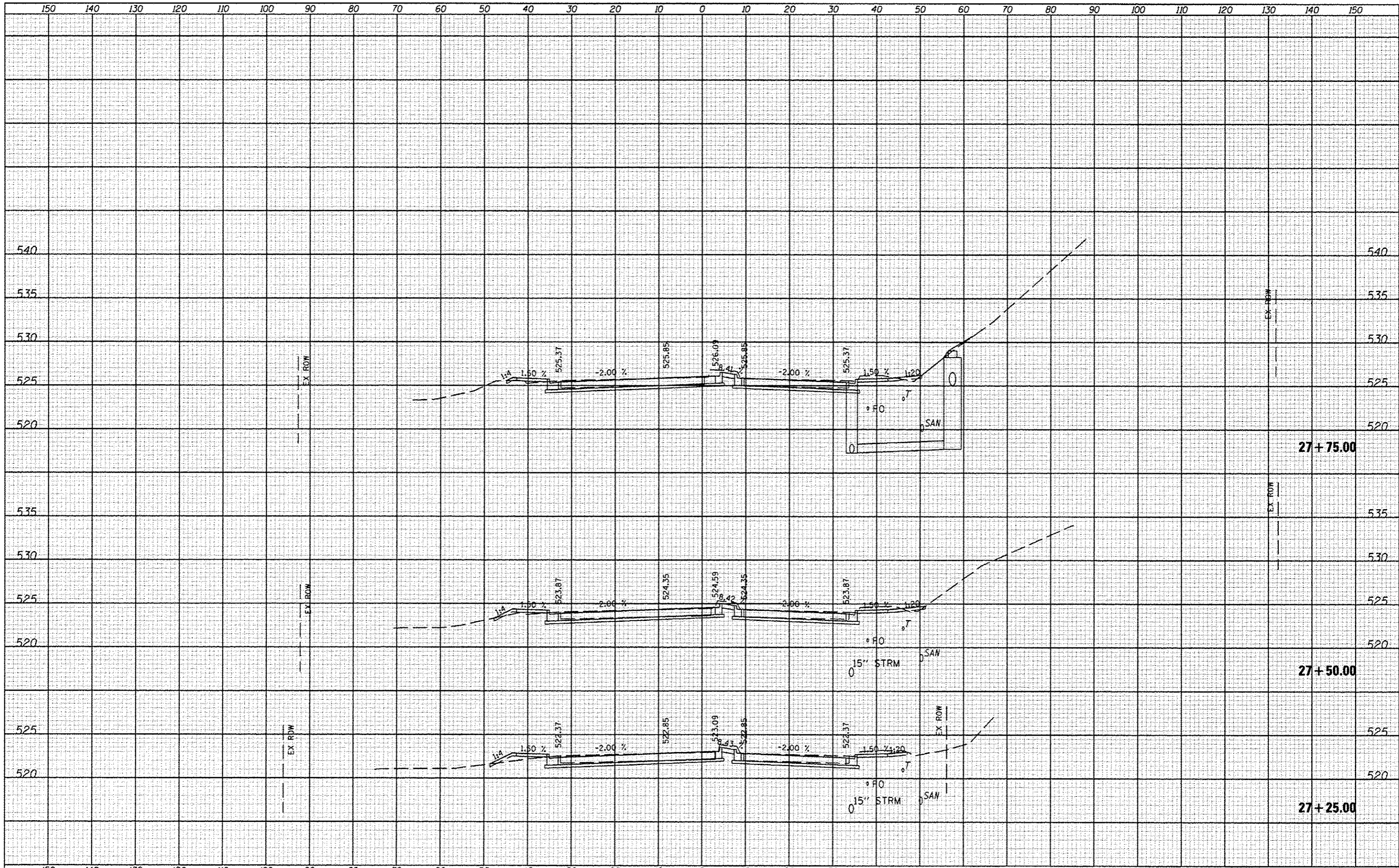
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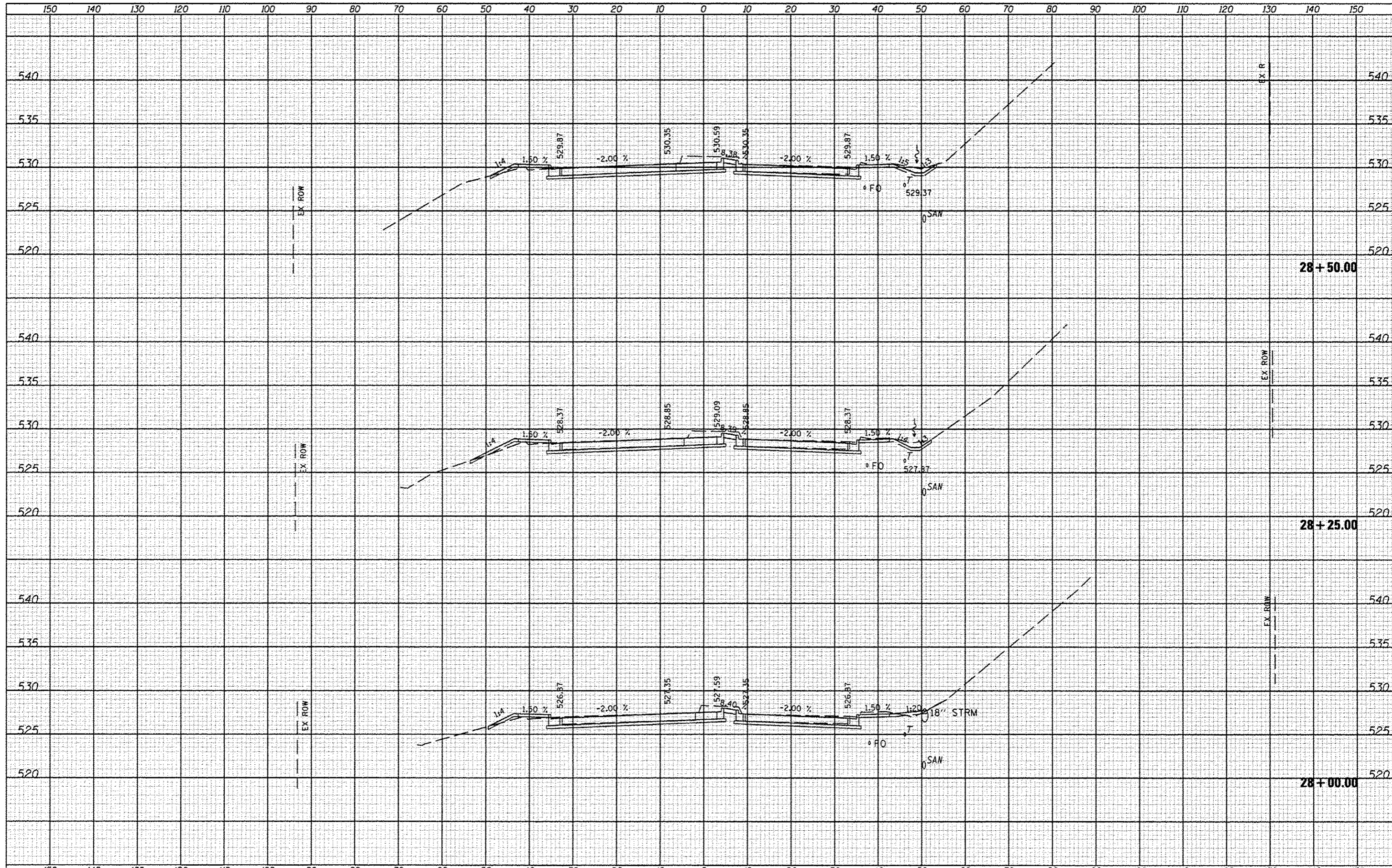
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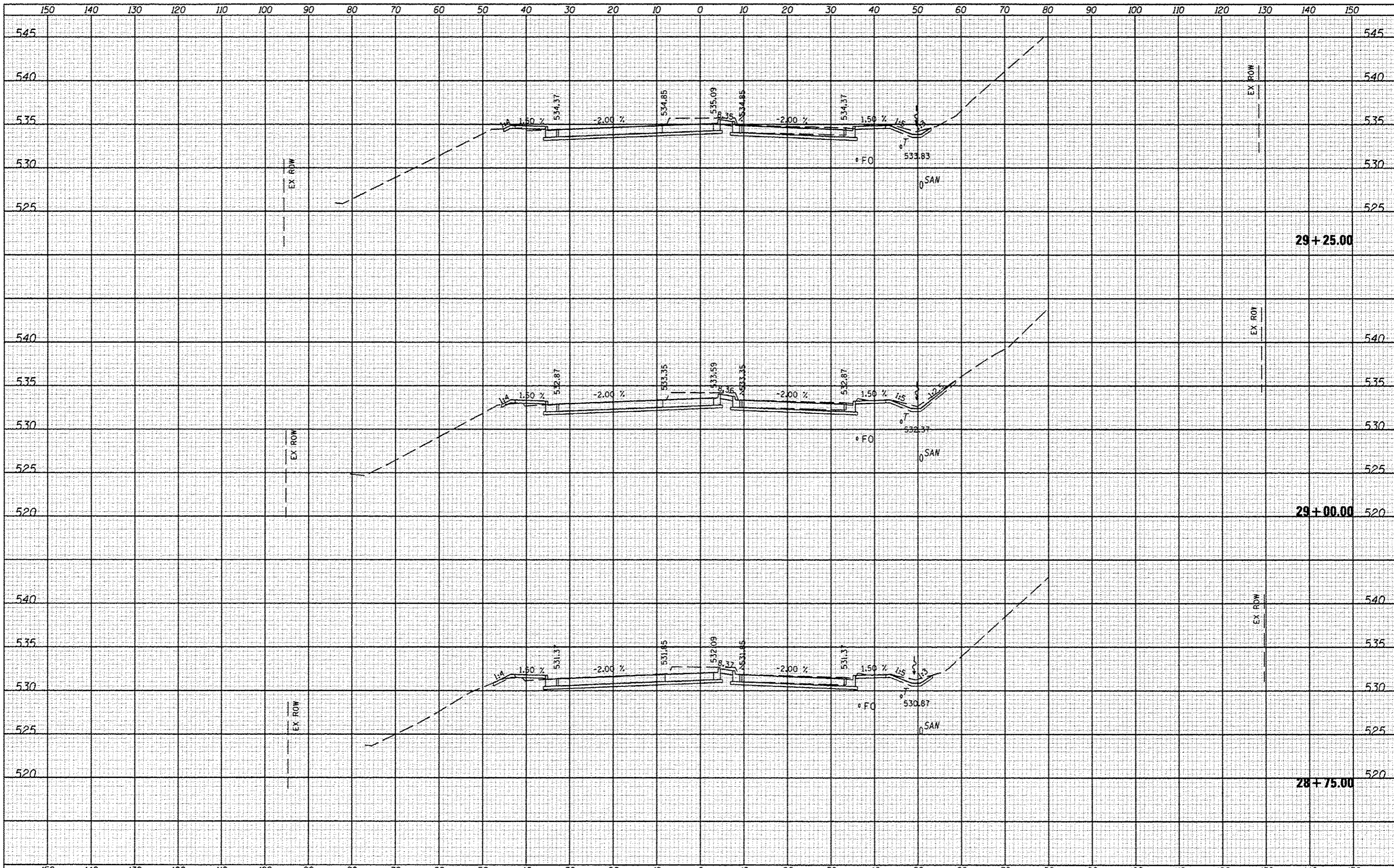
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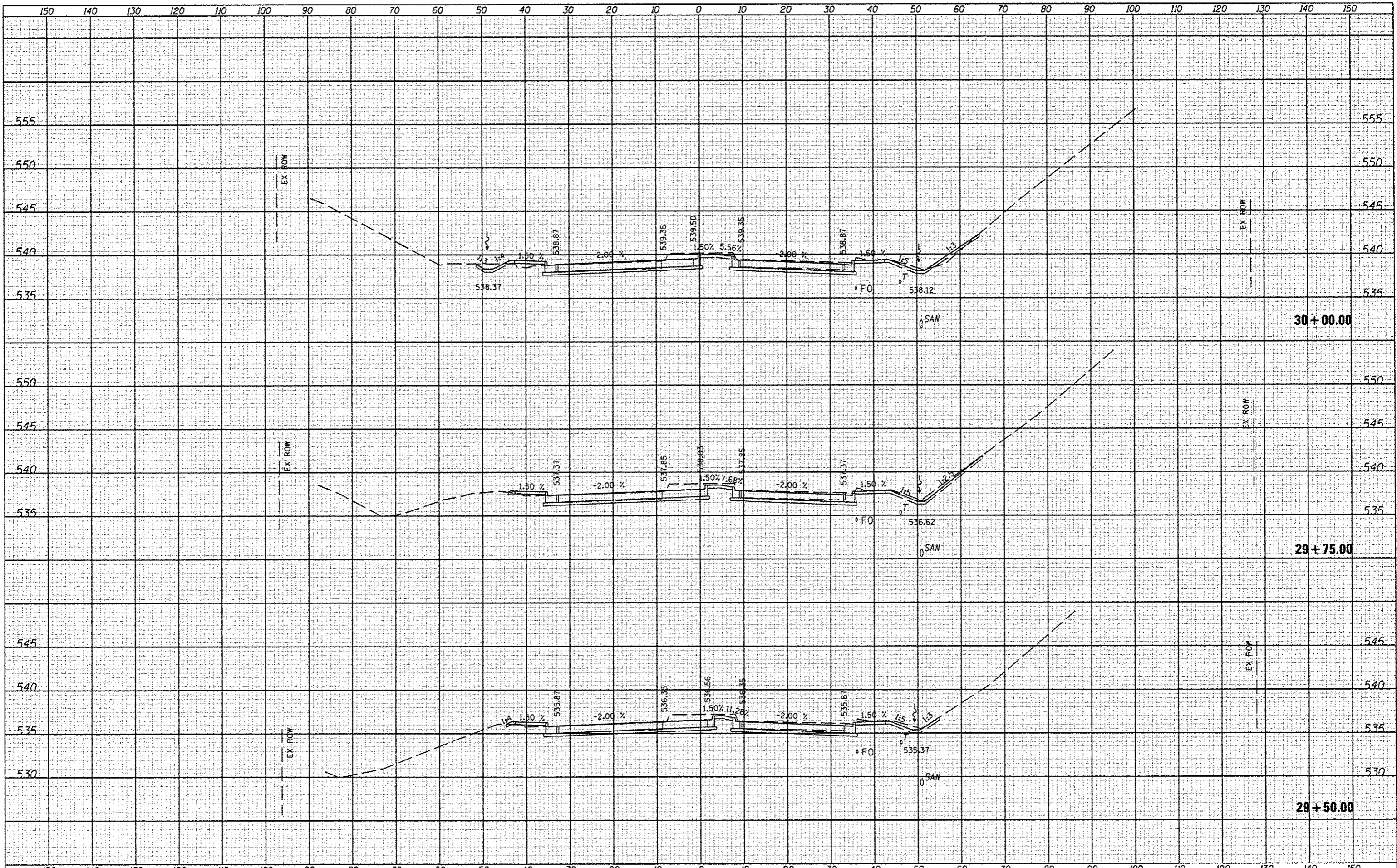
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| FILE NAME | USER NAME *USER* | DESIGNED - JLH | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | CROSS SECTIONS | | | F.A. RTE. 6586 | SECTION 05-00010-00-PV | COUNTY PEORIA | TOTAL SHEETS 86 | SHEET NO. 52 |
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| | | CHECKED - | REVISED - | | | | | | | | ILLINOIS FED. AID PROJECT | |
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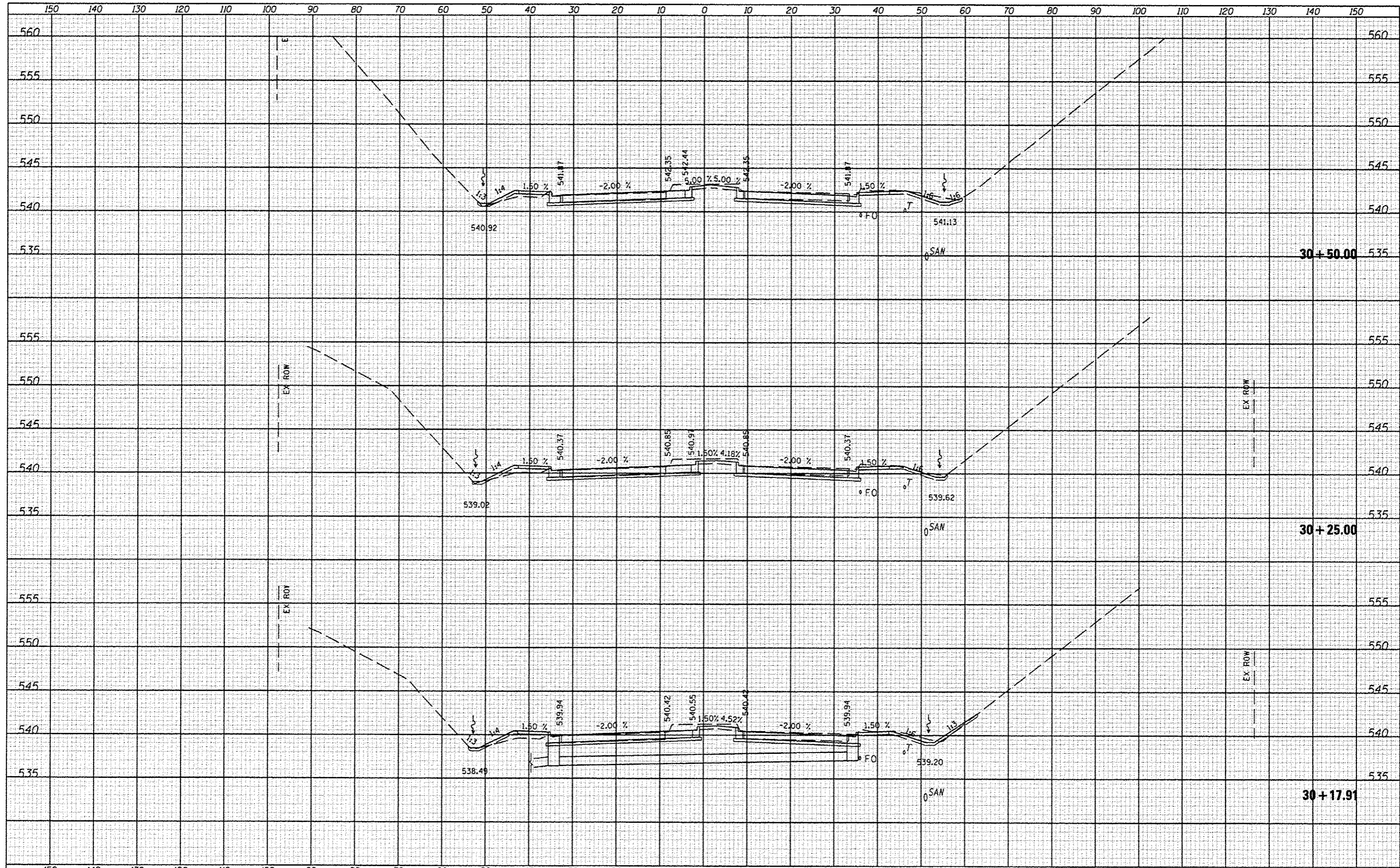
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| FILE# | | JLH | - | | | | | | 6586 | 05-00010-00-PV | PEORIA | 86 | 53 |
| SCALE | DATE | DATE | DATE | DATE | DATE | DATE | DATE | SCALE | SHEET NO. | OF | SHEETS | STA. 29+50.00 | TO STA. 30+00.00 |
| | JAN 2014 | | | | | | | | | | | ILLINOIS FED. AID PROJECT | |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CONTRACT NO. 09385

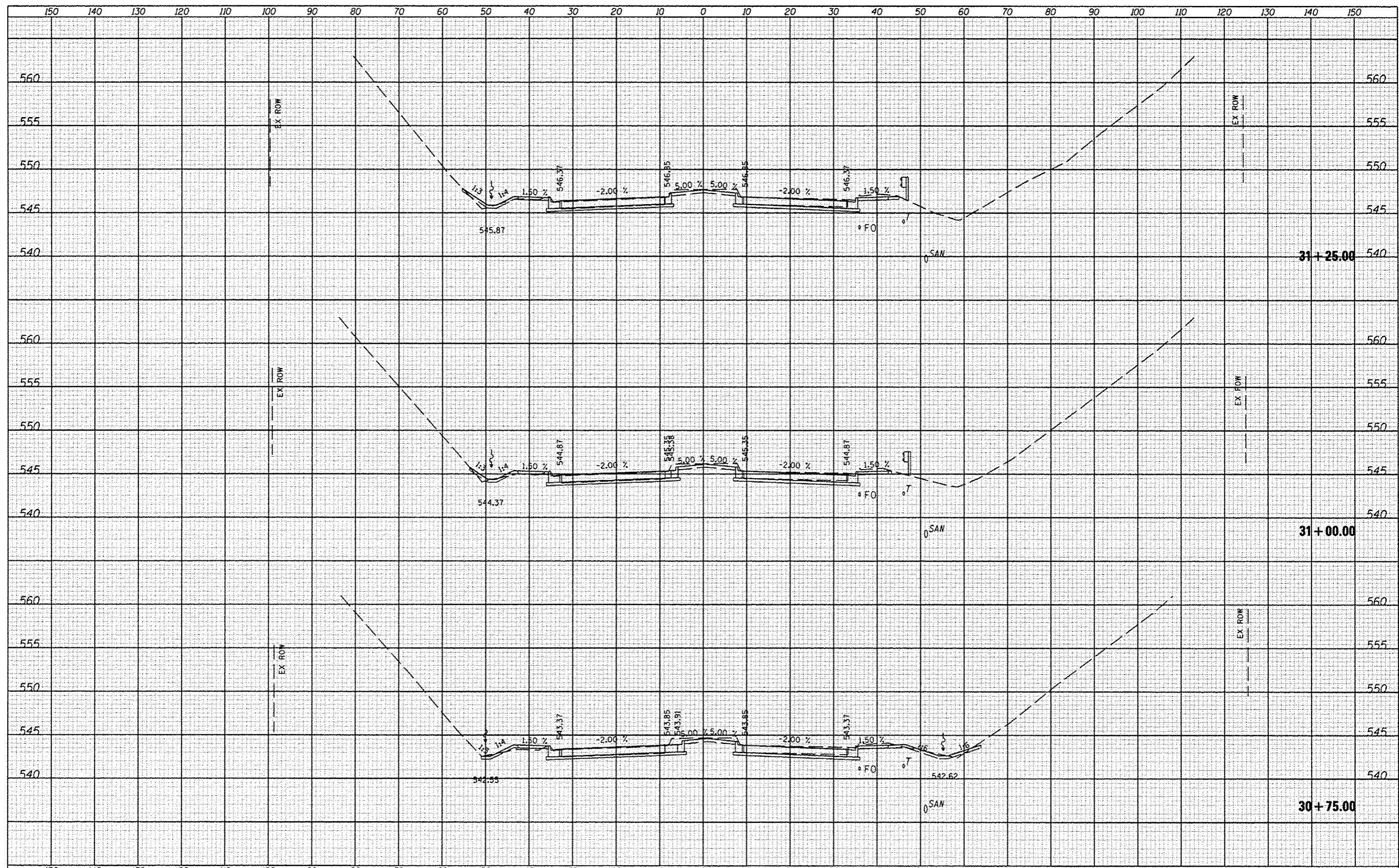
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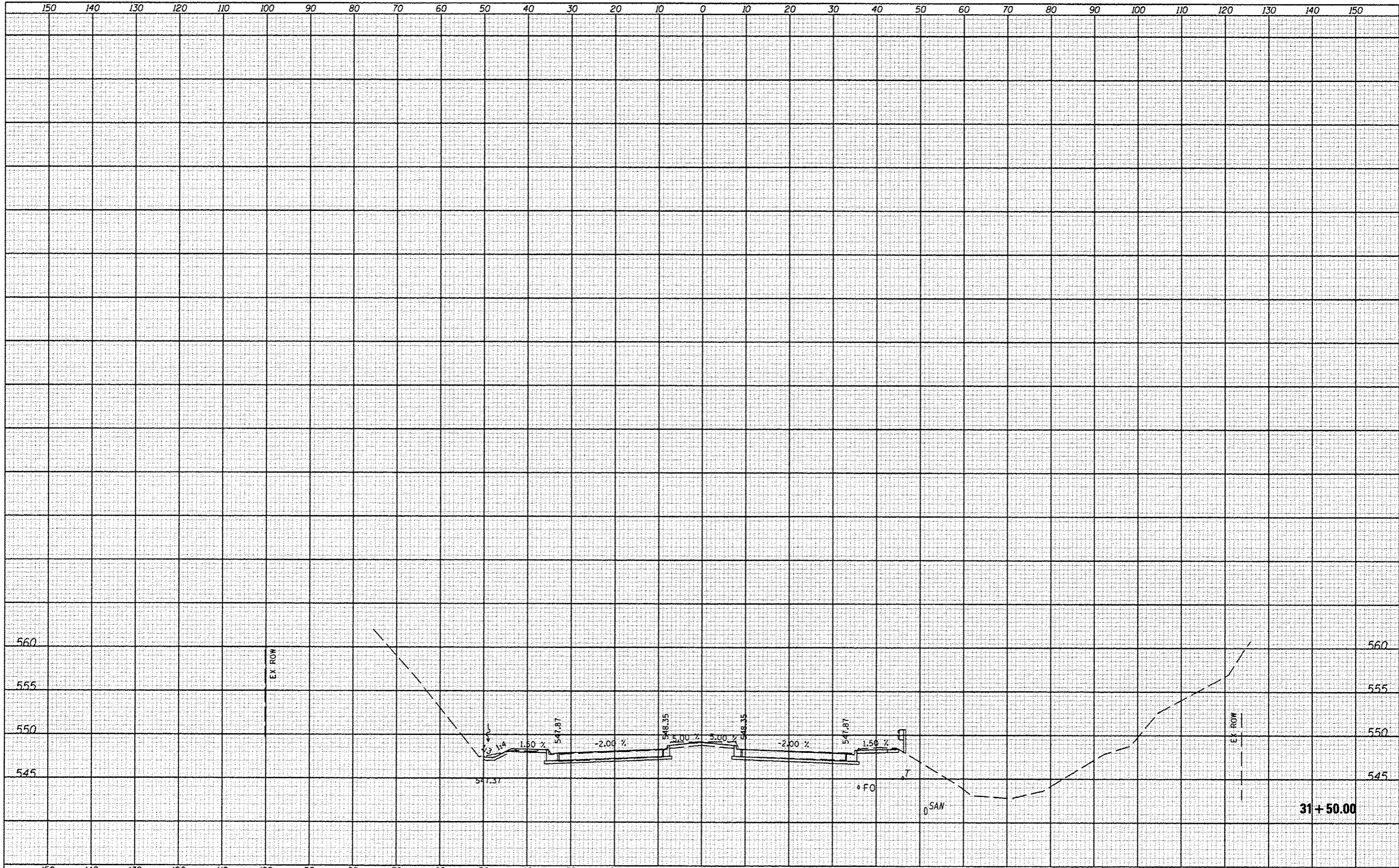
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| *FILEL* | | DRAWN: JLH | REVISOR: _____ | | SCALE: _____ | SHEET NO. _____ | OF SHEETS _____ | STA. 30+75.00 | TO STA. 31+25.00 | CONTRACT NO. 89385 | | |
| | | CHECKED: _____ | REVISOR: _____ | | ILLINOIS FED. AID PROJECT | | | | | | | |
| | | DATE: JAN 2014 | REVISOR: _____ | | | | | | | | | |

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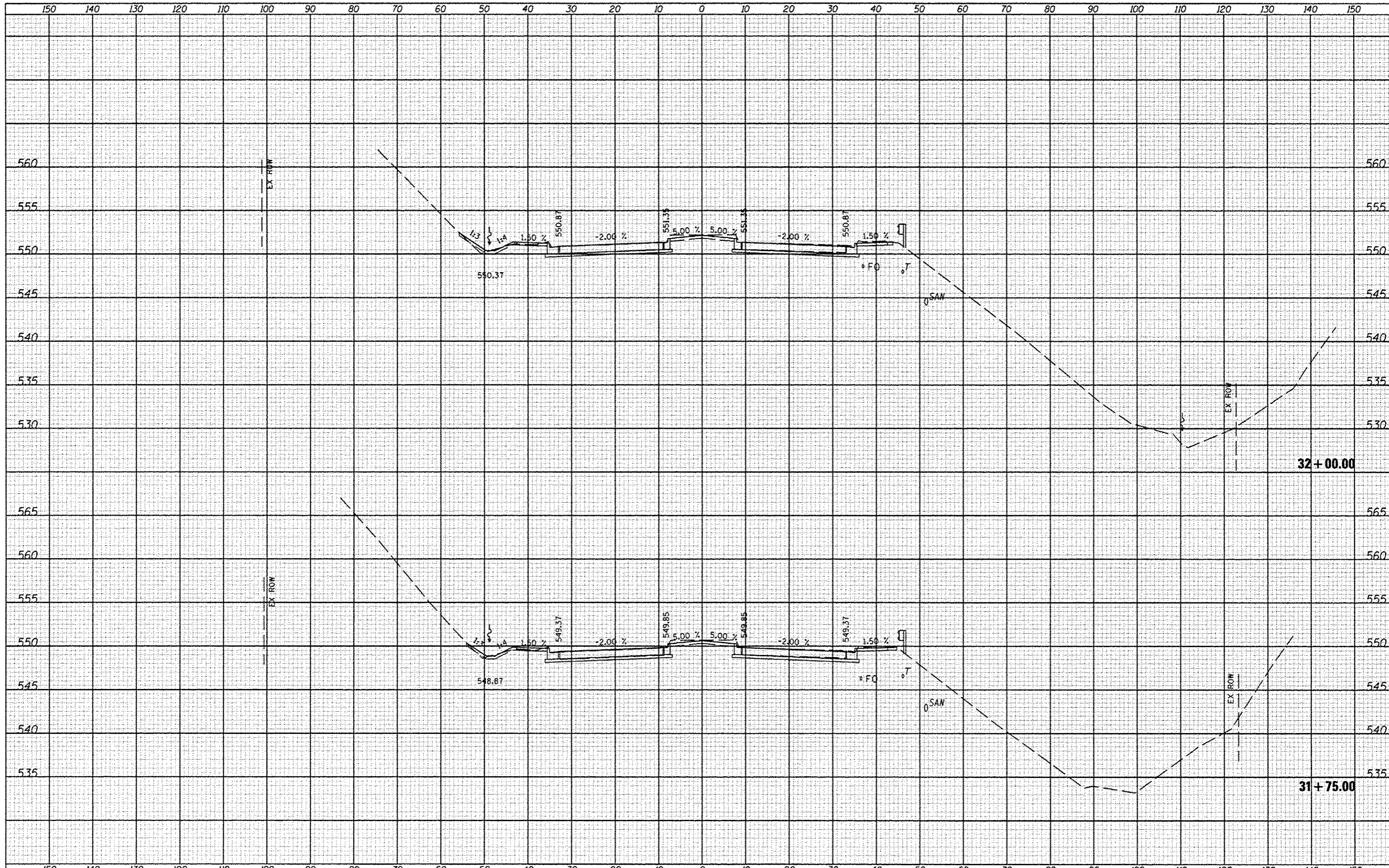
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| FILE NAME | USER NAME | DESIGNED | REVISIONS | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | | CROSS SECTIONS | | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
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| | | DATE | REVISIONS | | | ILLINOIS FED. AID PROJECT | | | | | | |

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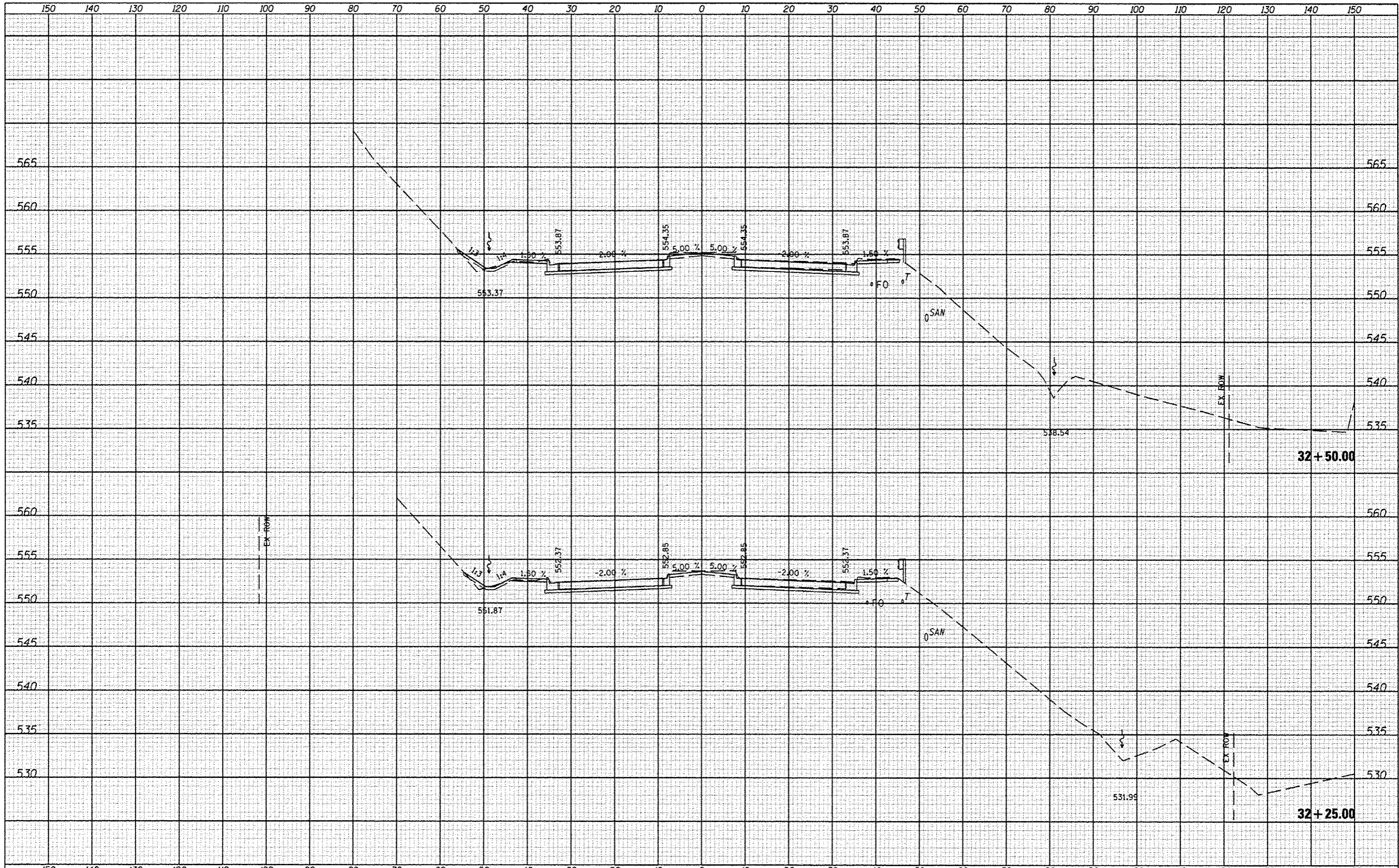
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| FILE NAME | USER NAME * USER# | DESIGNED - JLH | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | CROSS SECTIONS | | | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| *FILE# | | DRAWN - JLH | REVISED - | | 6586 | 05-00010-00-PV | PEORIA | 86 | 57 | | | |
| | | CHECKED - | REVISED - | | SCALE: SHEET NO. OF SHEETS STA. 31+75.00 TO STA. 32+00.00 | | | | CONTRACT NO. 89385 | | | |
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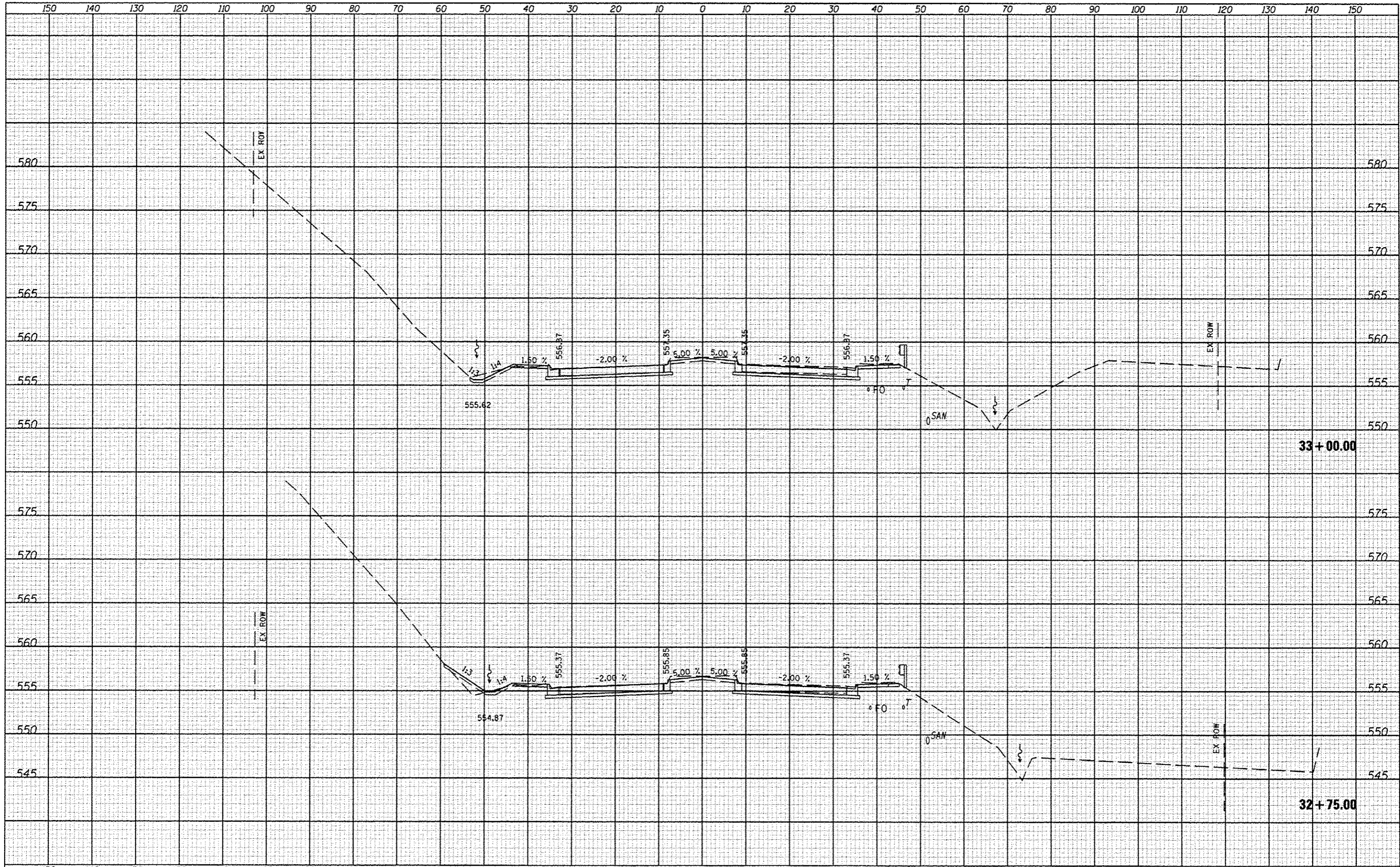
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| FILE NAME | USER NAME | DESIGNED | REVIS | <p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p> <p align="center">CROSS SECTIONS</p> | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

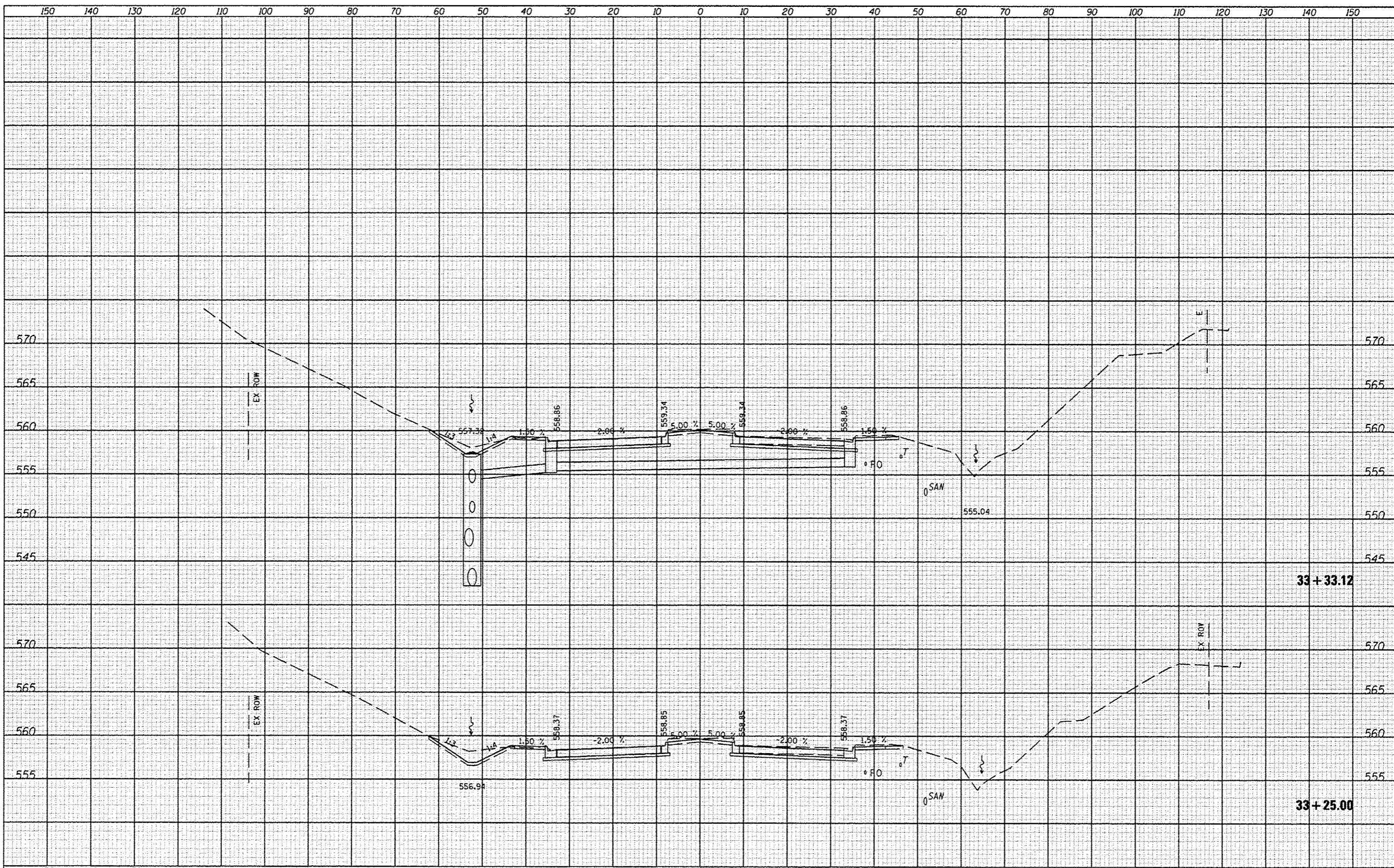
CROSS SECTIONS

SCALE: SHEET NO. OF SHEETS STA. 32+75.00 TO STA. 33+00.00

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| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 6586 | 05-00010-00-PV | PEORIA | 86 | 59 |
| CONTRACT NO. 89385 | | | ILLINOIS FED. AID PROJECT | |

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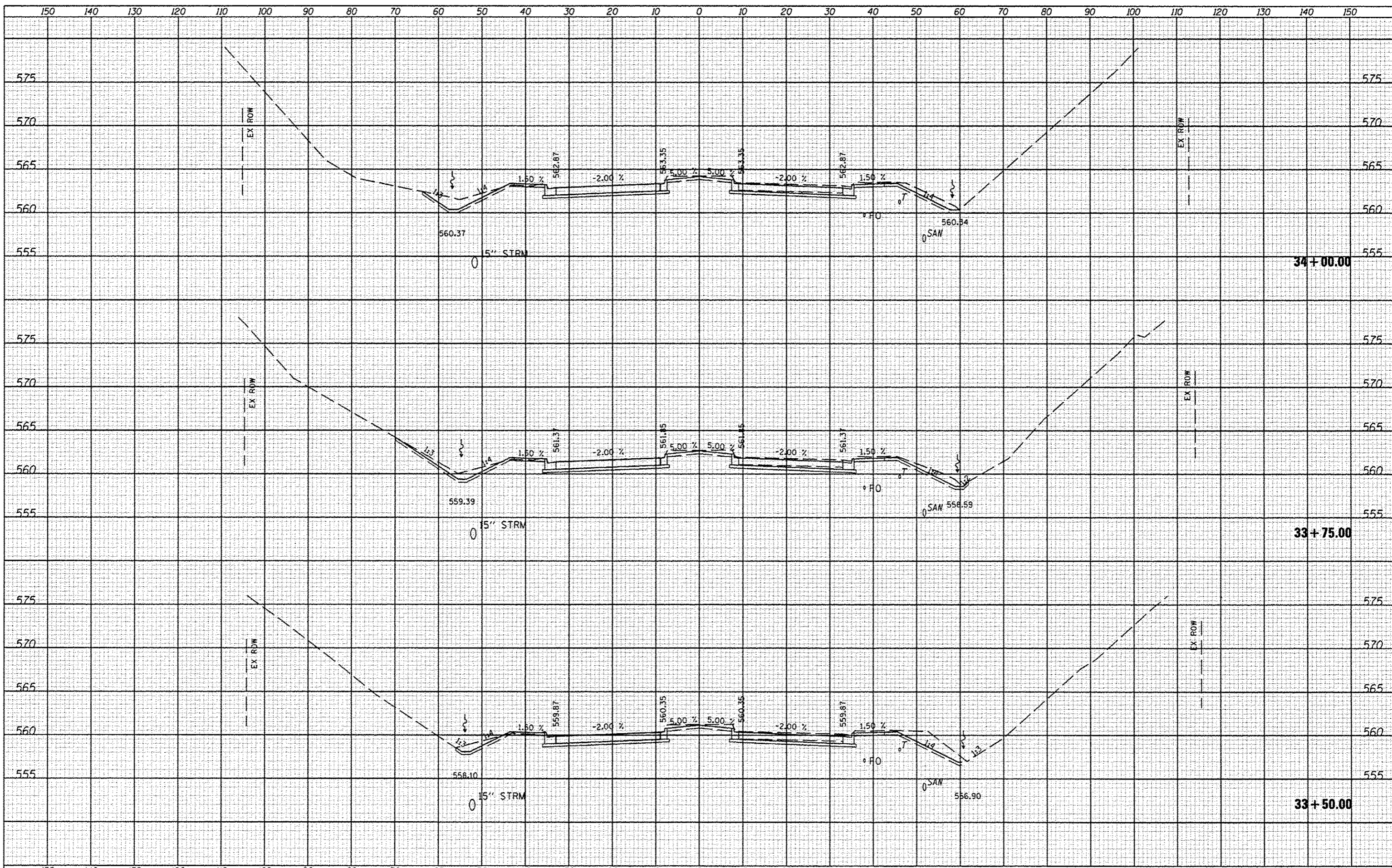
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| FILE NAME | USER NAME * USER# | DESIGNED - JLH | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | CROSS SECTIONS | | | | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| FILE# | | DRAWN - JLH | REVISED - | | 6586 | 05-00010-00-PV | PEORIA | 86 | 60 | | | | |
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| | | DATE - JAN 2014 | REVISED - | | ILLINOIS FED. AID PROJECT | | | | | | | | |

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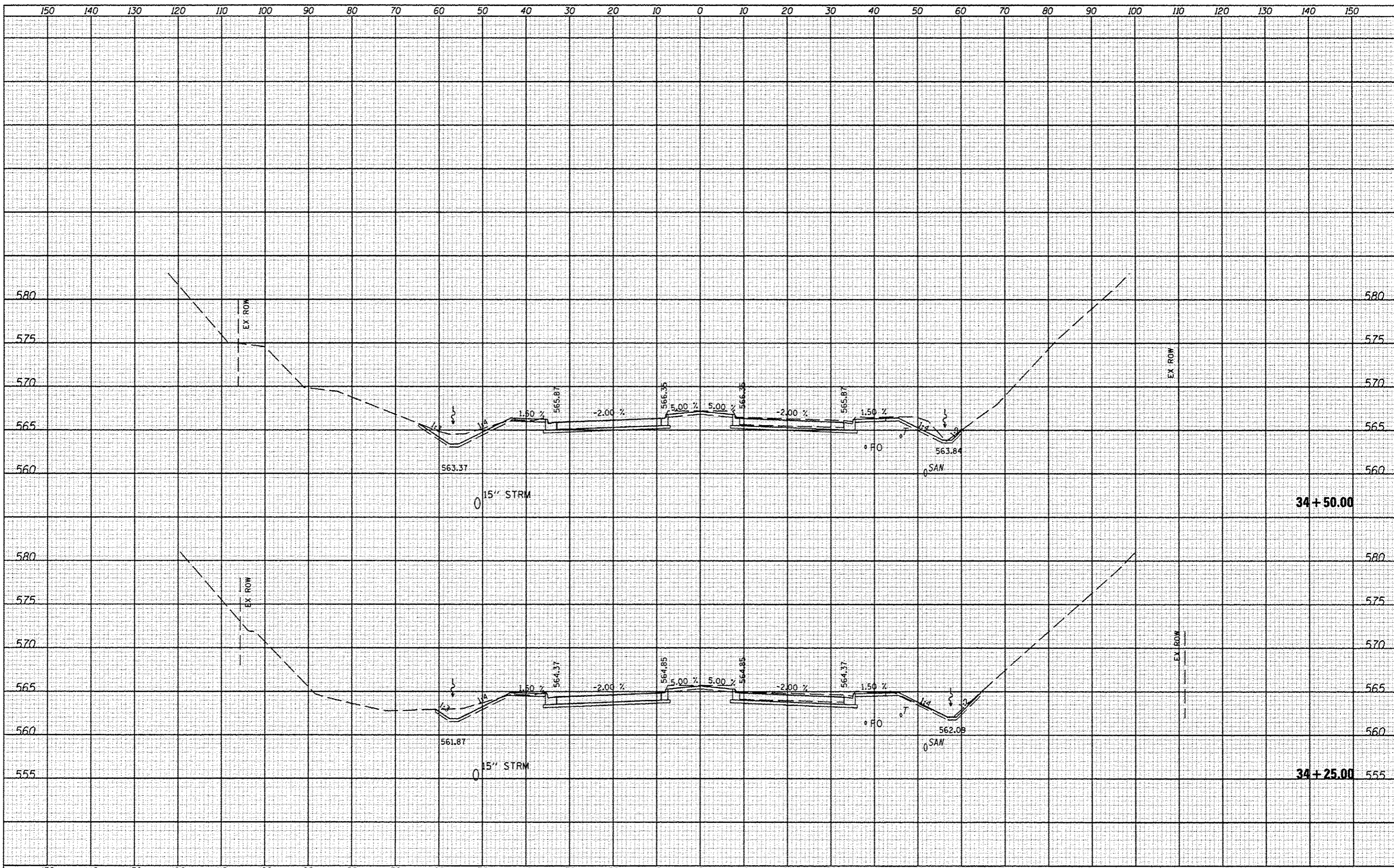
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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| SCALE: | SHEET NO. | OF SHEETS | STA. 33+50.00 TO STA. 34+00.00 |

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| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 6586 | 05-00010-00-PV | PEORIA | 86 | 61 |
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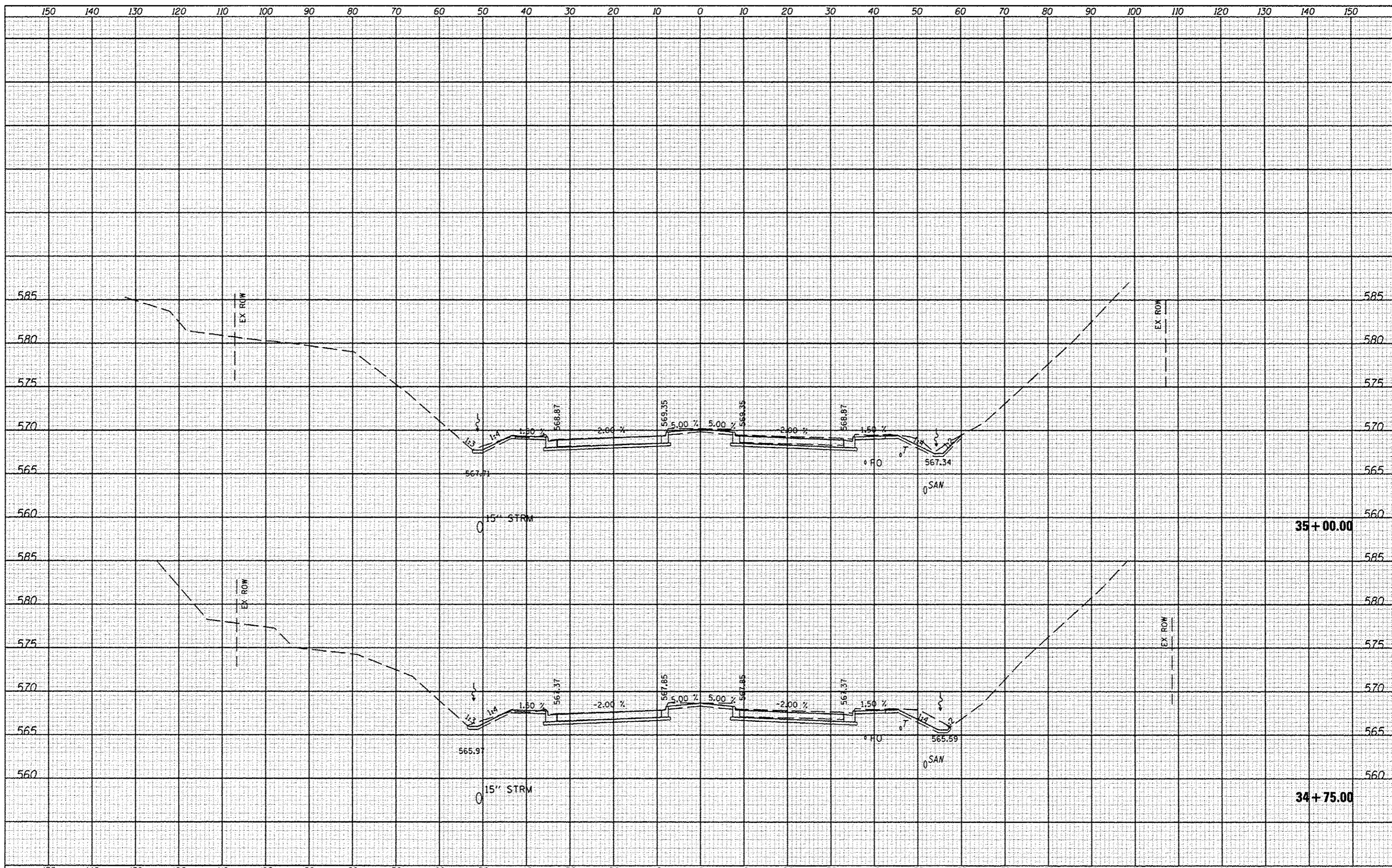
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| *FILE# | | DRAWN: JLH | REVISED: - | | SCALE: _____ | SHEET NO. _____ | OF _____ | SHEETS _____ | STA. 34+25.00 | TO STA. 34+50.00 | CONTRACT NO. 89385 | | |
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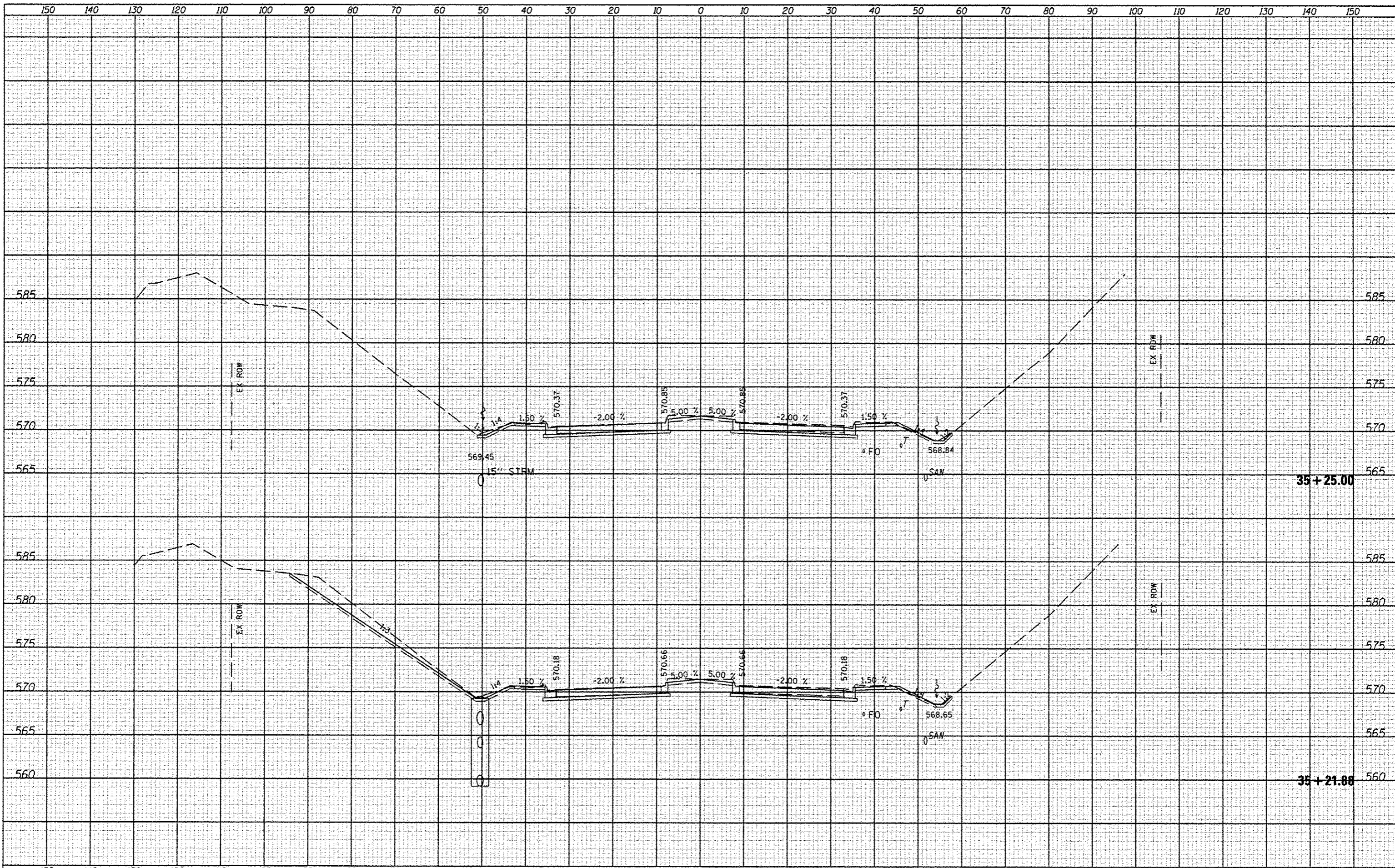
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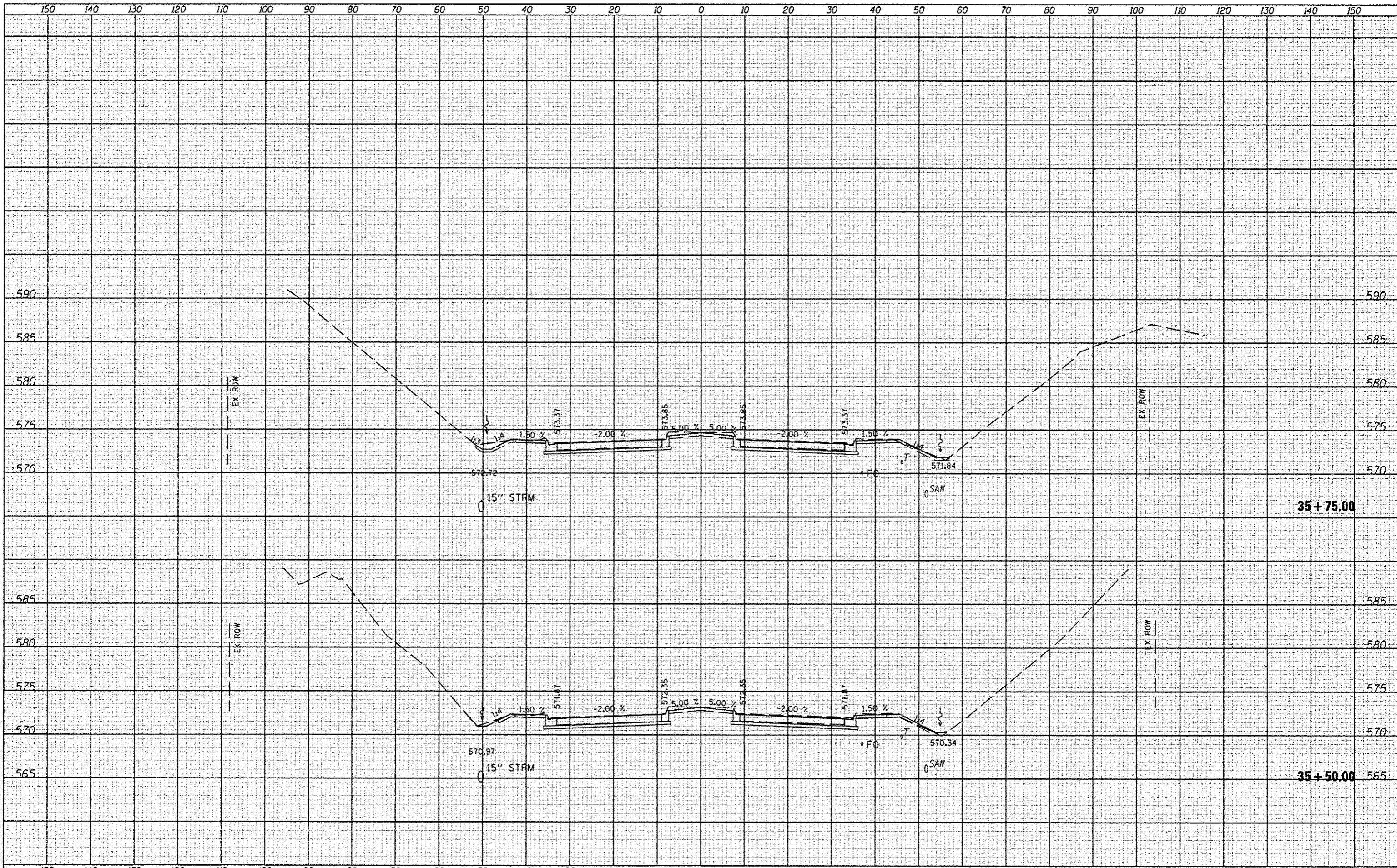
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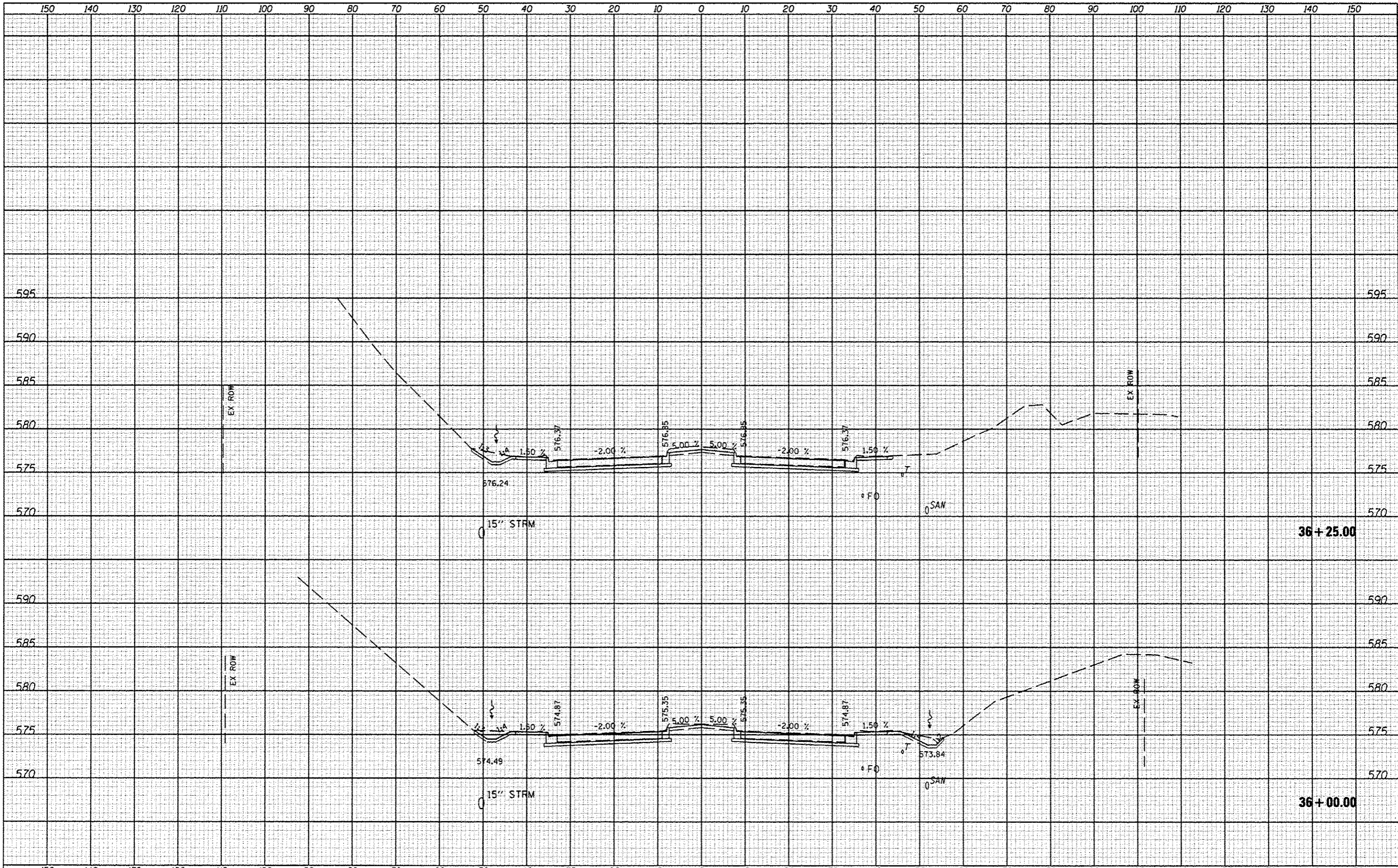
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| FILE NAME | USER NAME - #USER# | DESIGNED - JLH | REVISION - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | CROSS SECTIONS | | | F.A. RTE. 6586 | SECTION 05-00010-00-PV | COUNTY PEORIA | TOTAL SHEETS 86 | SHEET NO. 65 |
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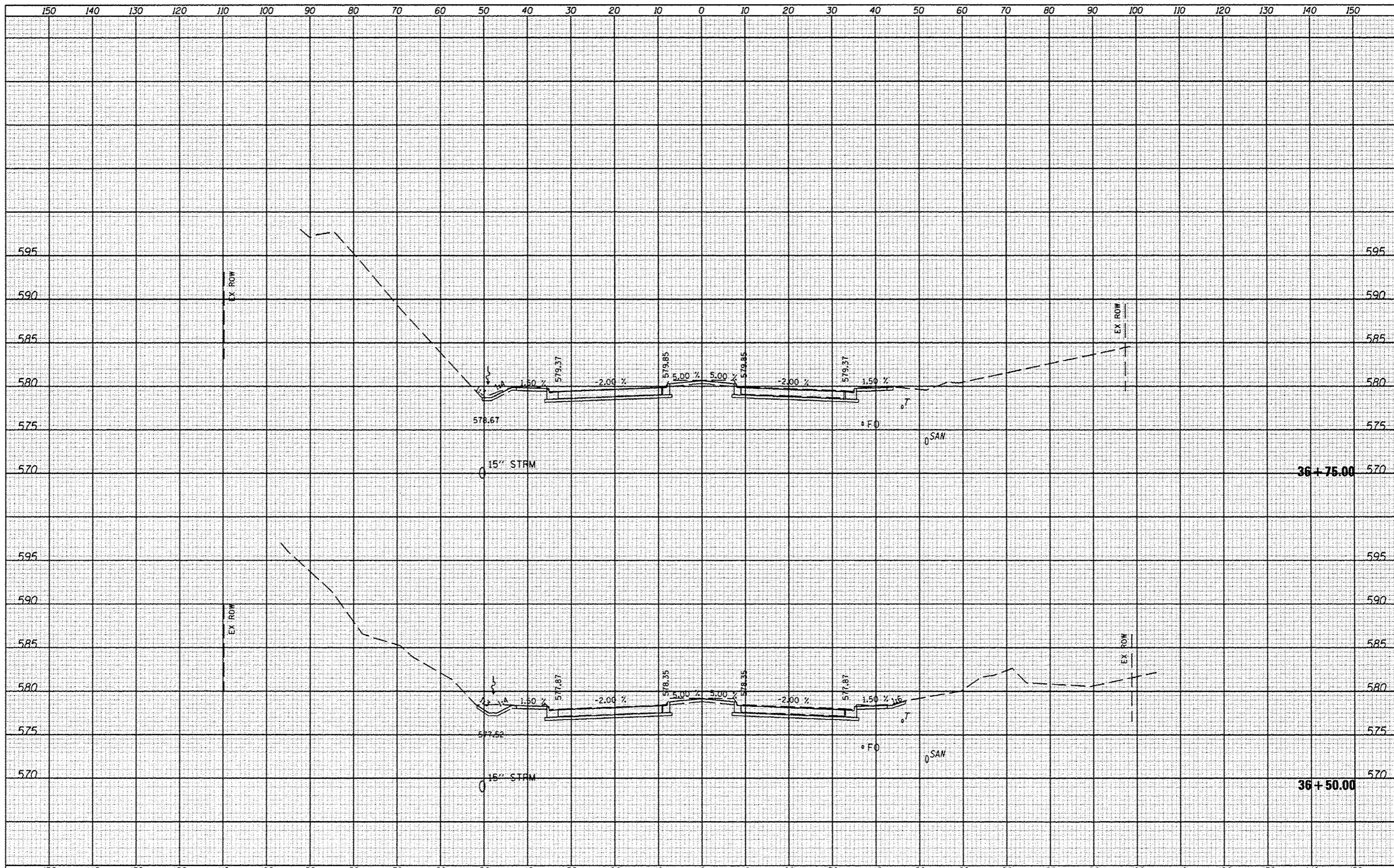
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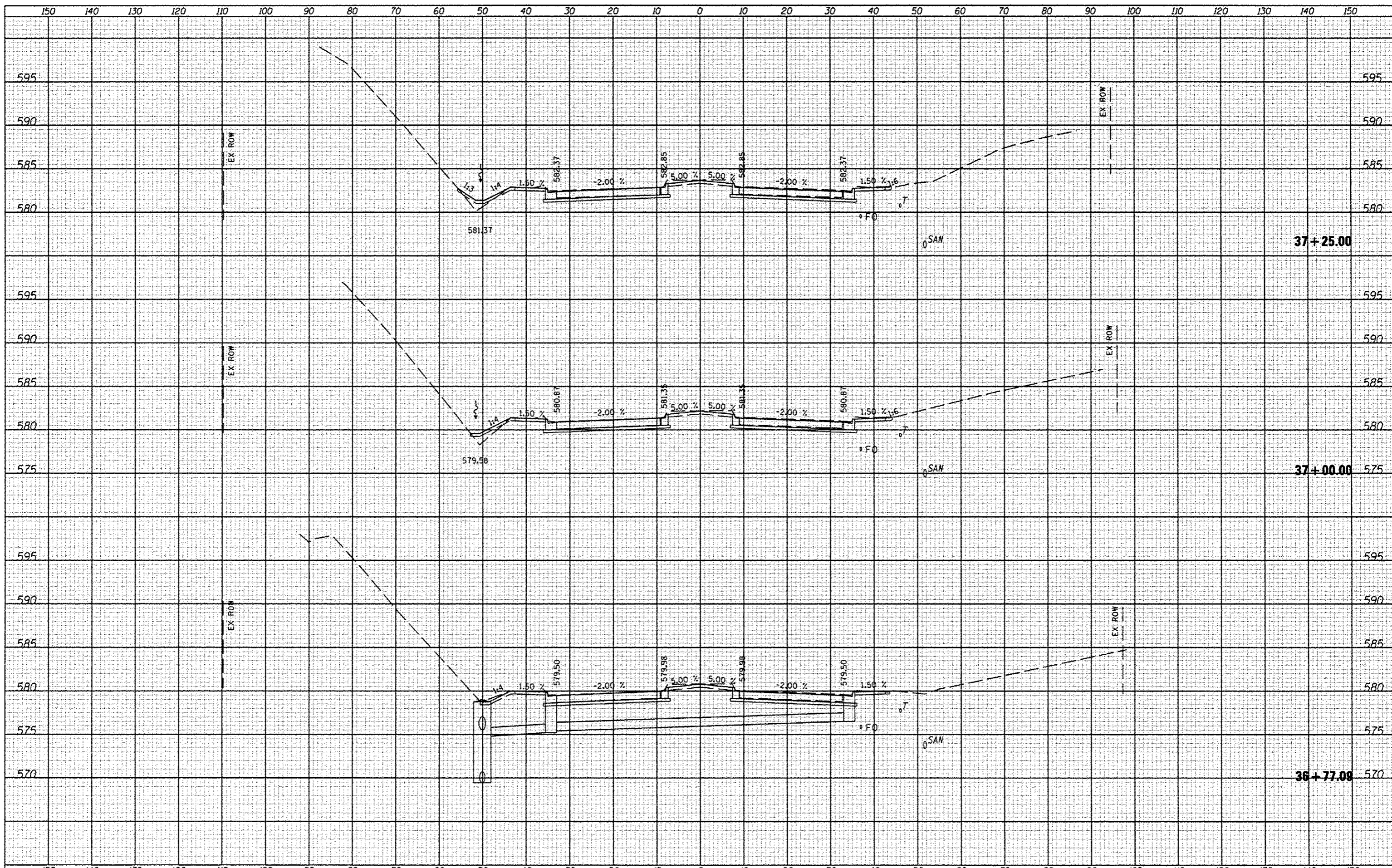
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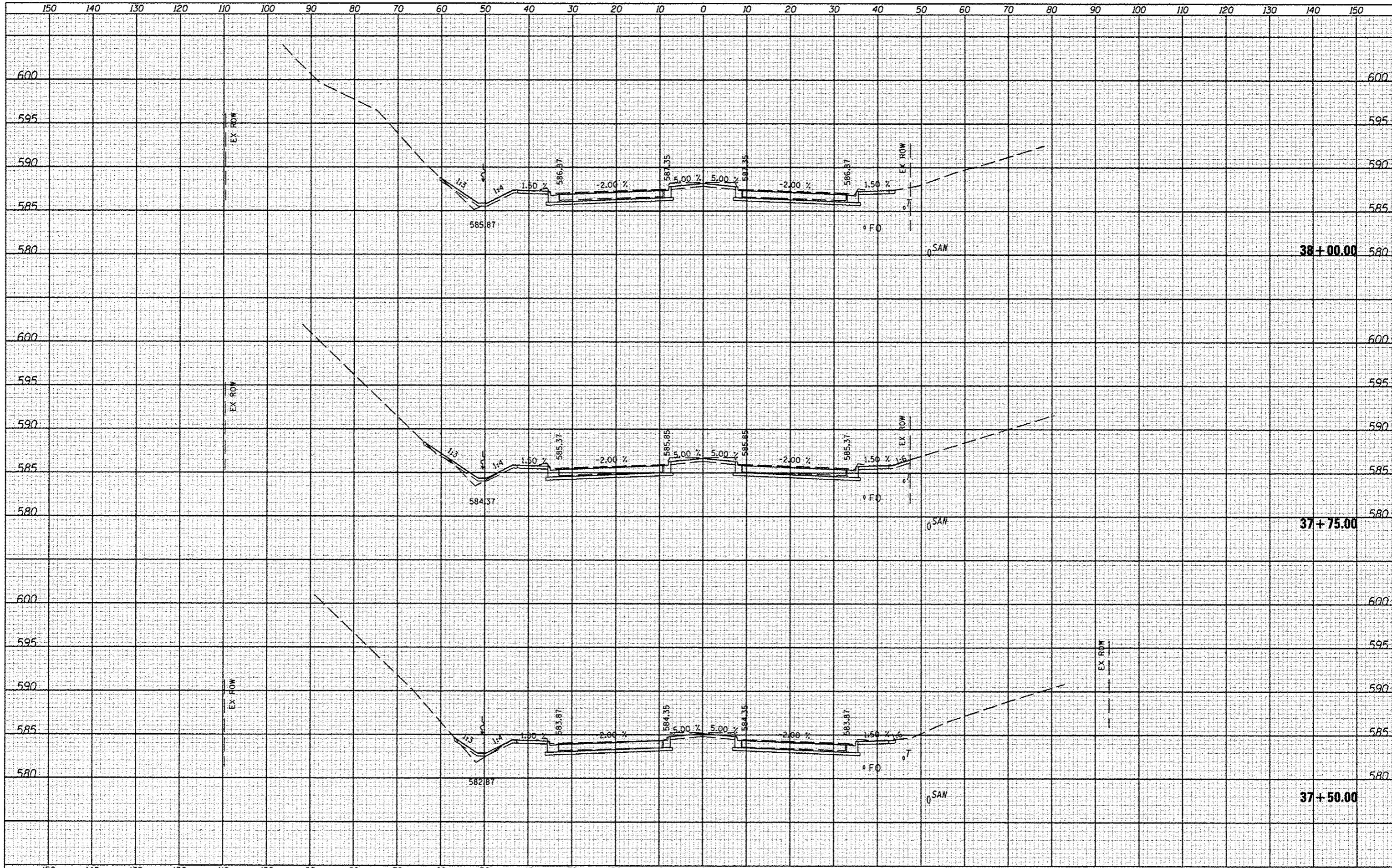
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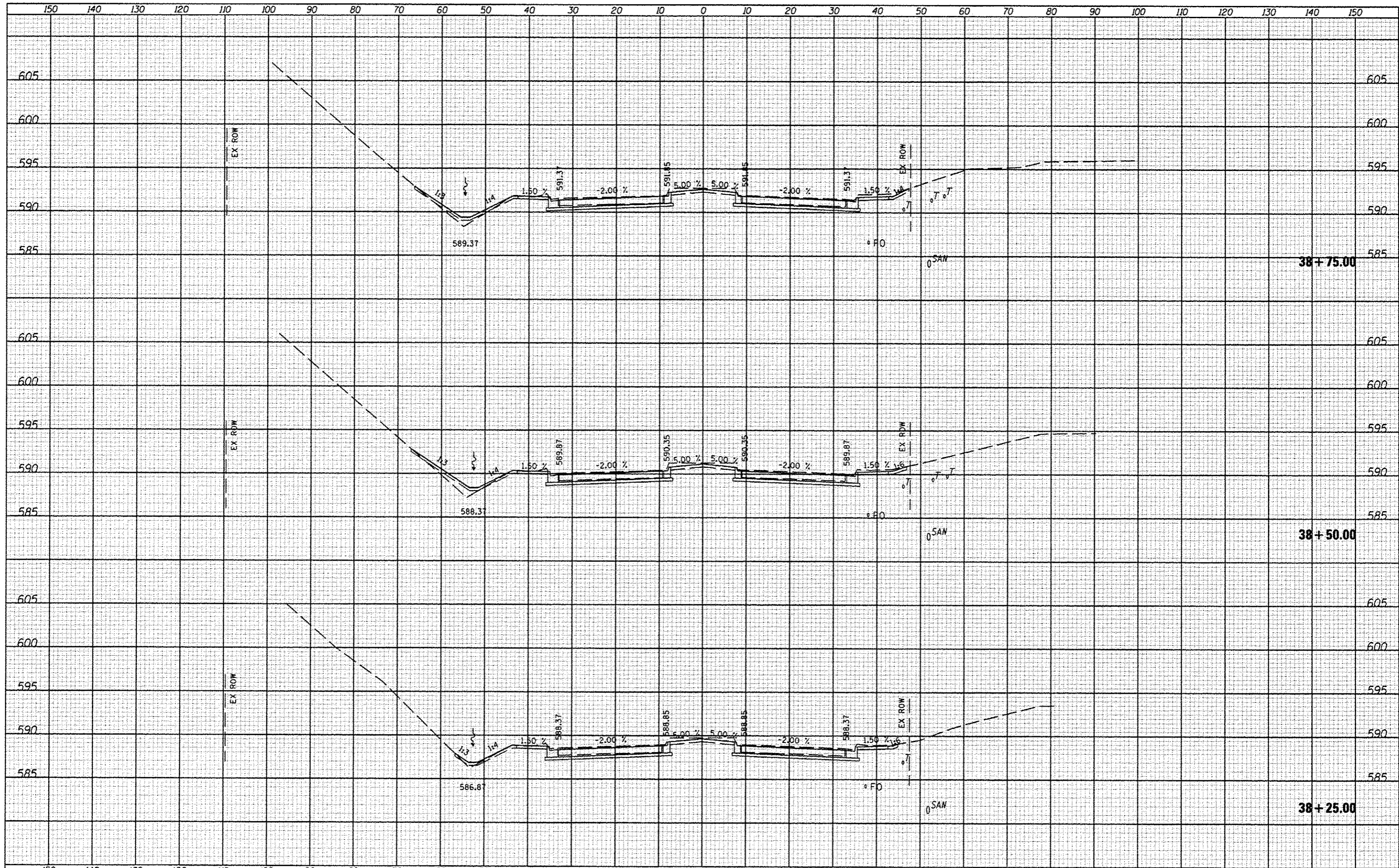
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|------------------|-------------------|-----------------|-----------|---|---------------------------|-----------------|----------|----------------|------------------------|------------------|--------------------|--------------|
| FILE NAME: _____ | USER NAME: *USER* | DESIGNED - JLH | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | CROSS SECTIONS | | | F.A. RTE. 6586 | SECTION 05-00010-00-PV | COUNTY PEORIA | TOTAL SHEETS 86 | SHEET NO. 69 |
| FILE# | | DRAWN - JLH | REVISED - | | SCALE: _____ | SHEET NO. _____ | OF _____ | SHEETS _____ | STA. 37+50.00 | TO STA. 38+00.00 | CONTRACT NO. 89385 | |
| | | CHECKED - | REVISED - | | ILLINOIS FED. AID PROJECT | | | | | | | |
| | | DATE - JAN 2014 | REVISED - | | | | | | | | | |

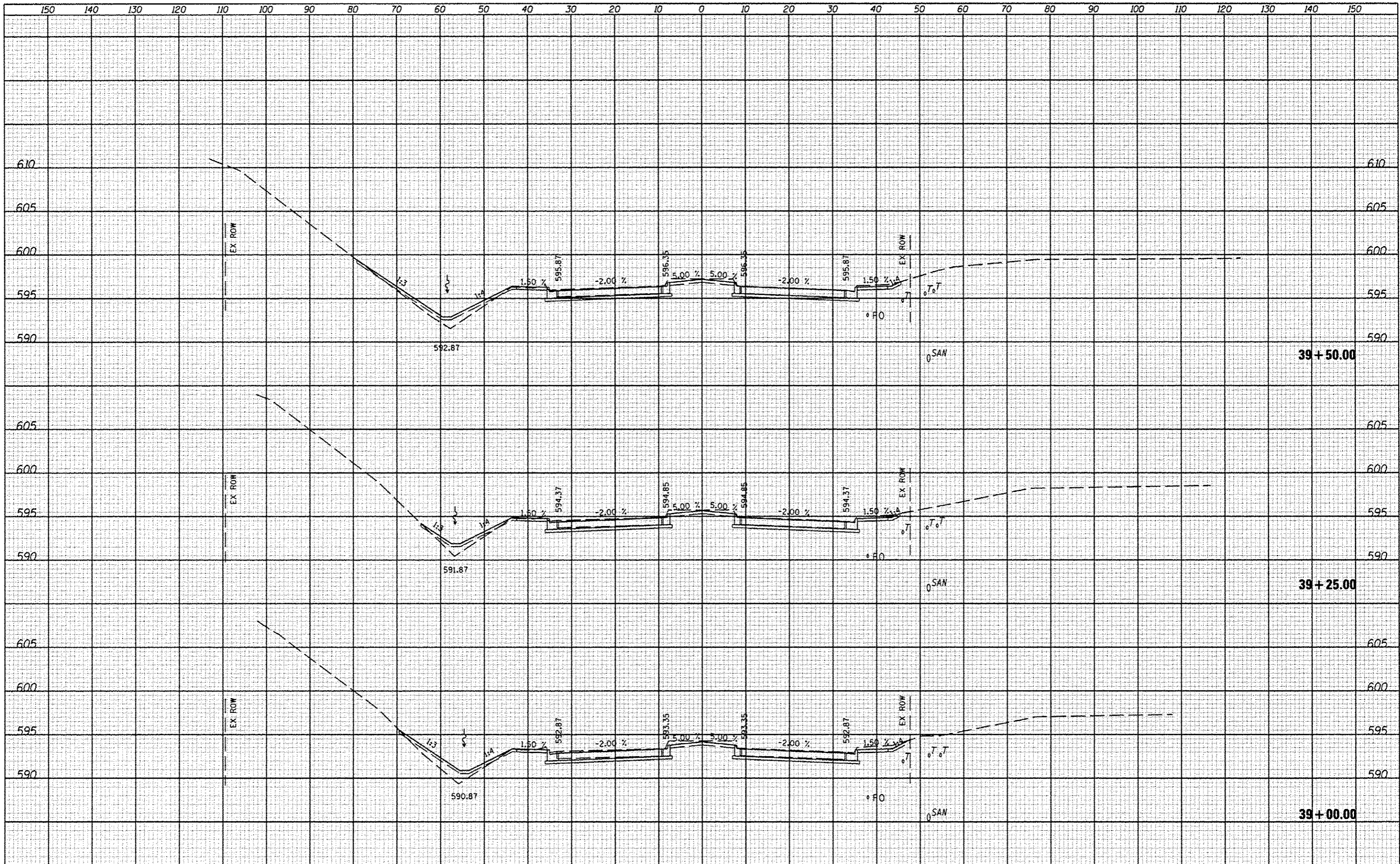
DATE: _____
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 PLOT SCALE: _____
 PLOT DATE: _____

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 PLOT DATE: _____



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| ROUTE | |
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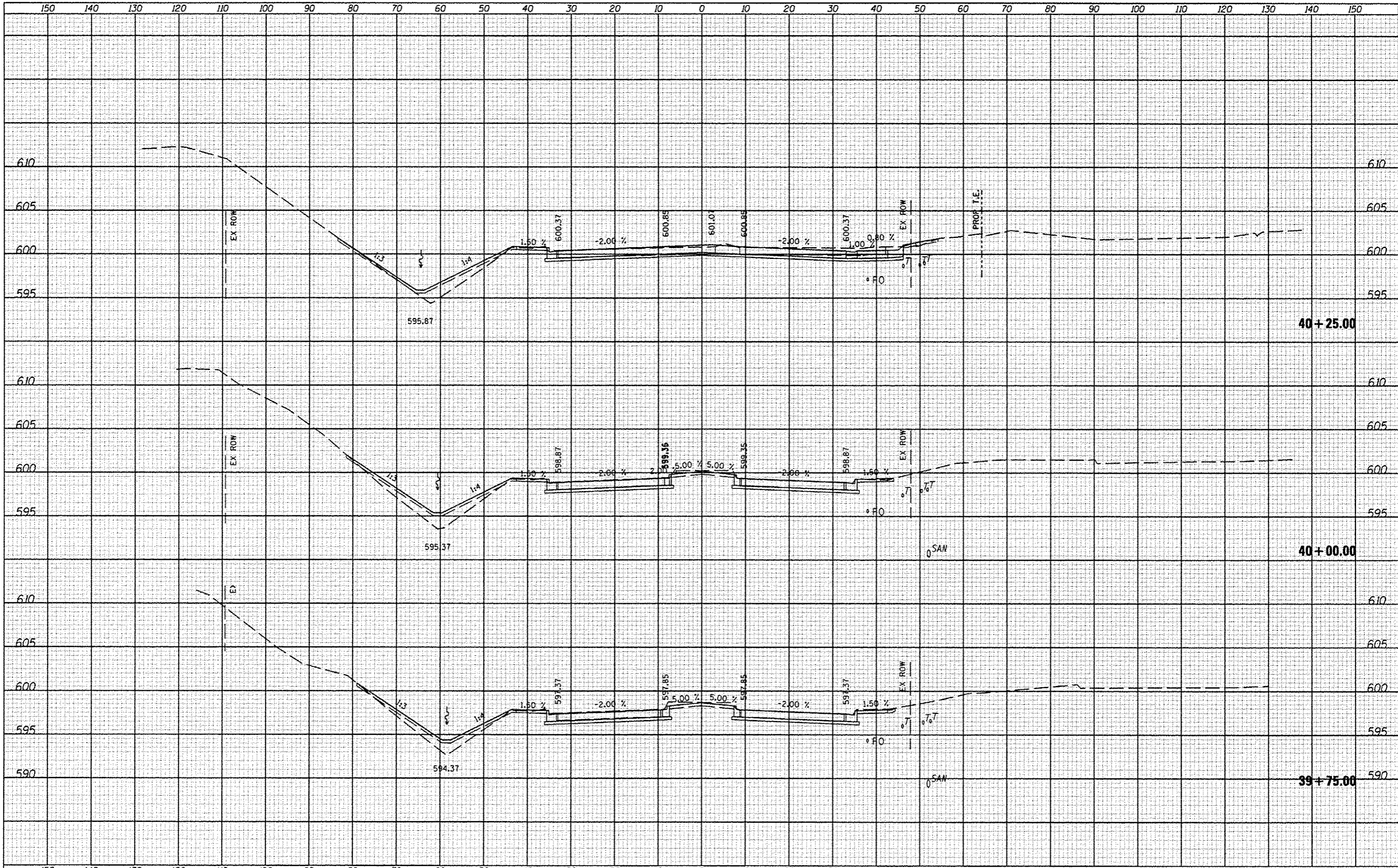
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| PROJECT | |
| ROUTE | |
| NO. | |



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| FILE NAME | USER NAME | DESIGNED - JLH | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | CROSS SECTIONS | | | F.A. RTE. 6586 | SECTION 05-00010-00-PV | COUNTY PEORIA | TOTAL SHEETS 86 | SHEET NO. 71 |
| #FILE# | | DRAWN - JLH | REVISED - | | SCALE: | SHEET NO. | OF | SHEETS | STA. 39+00.00 | TO STA. 39+50.00 | CONTRACT NO. 89385 | ILLINOIS FED. AID PROJECT |
| | | CHECKED - | REVISED - | | | | | | | | | |
| | | DATE - JAN 2014 | REVISED - | | | | | | | | | |

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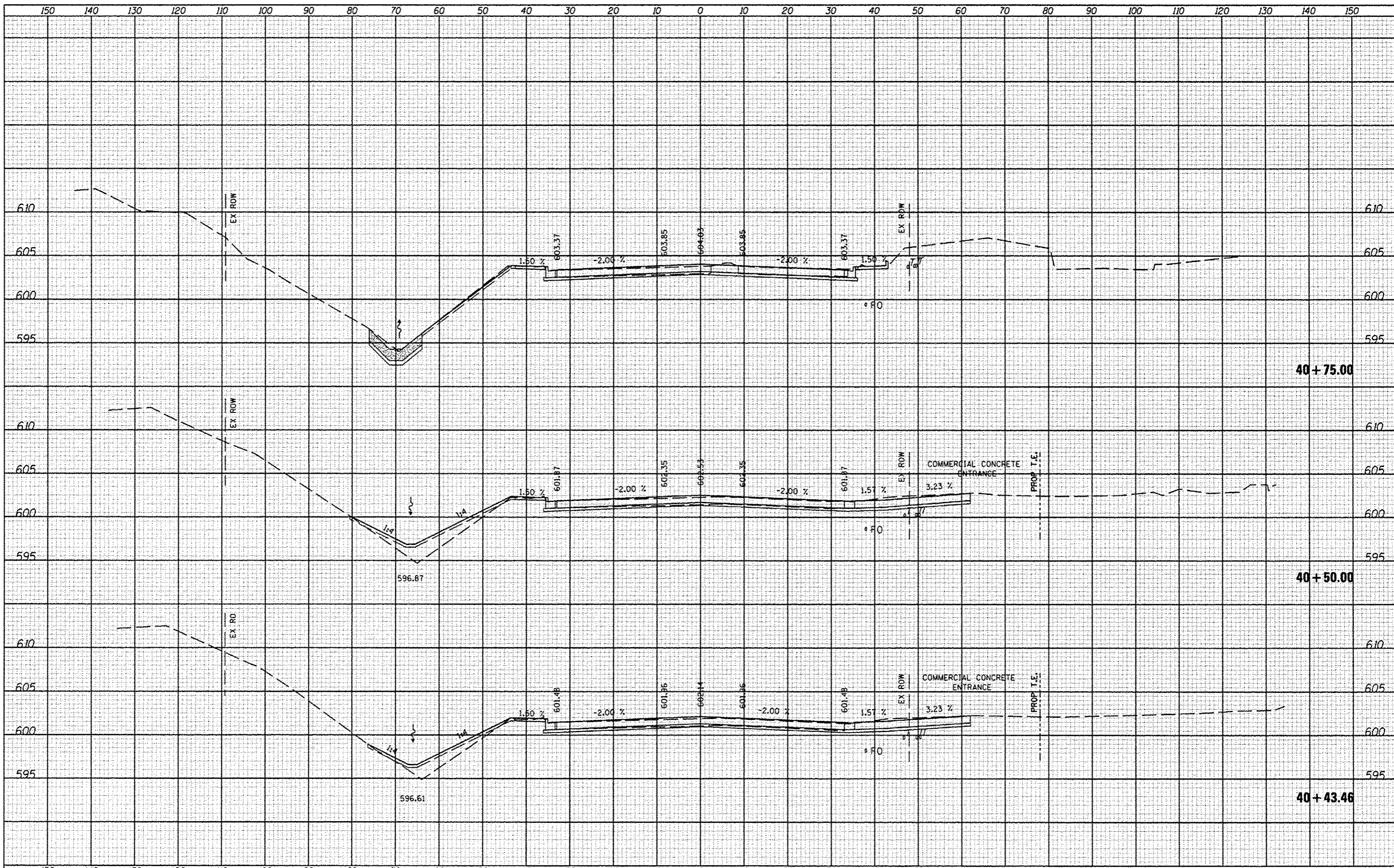
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| DATE | |
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| FILE NAME | USER NAME | DESIGNED | REVISED | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | | | | CROSS SECTIONS SCALE: SHEET NO. OF SHEETS STA. 39+75.00 TO STA. 40+25.00 | | | | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| FILE# | | DRAWN | REVISED | | | | | | | | | 6586 | 05-00010-00-PV | PEORIA | 86 | 72 |
| PLOT SCALE | | CHECKED | REVISED | | | | | | | | | CONTRACT NO. 89385 | | | | |
| PLOT DATE | | DATE | REVISED | | | | | | | | | ILLINOIS FED. AID PROJECT | | | | |

DATE: _____
 BY: _____
 DESIGNED: _____
 DRAWN: _____
 CHECKED: _____
 DATE: _____

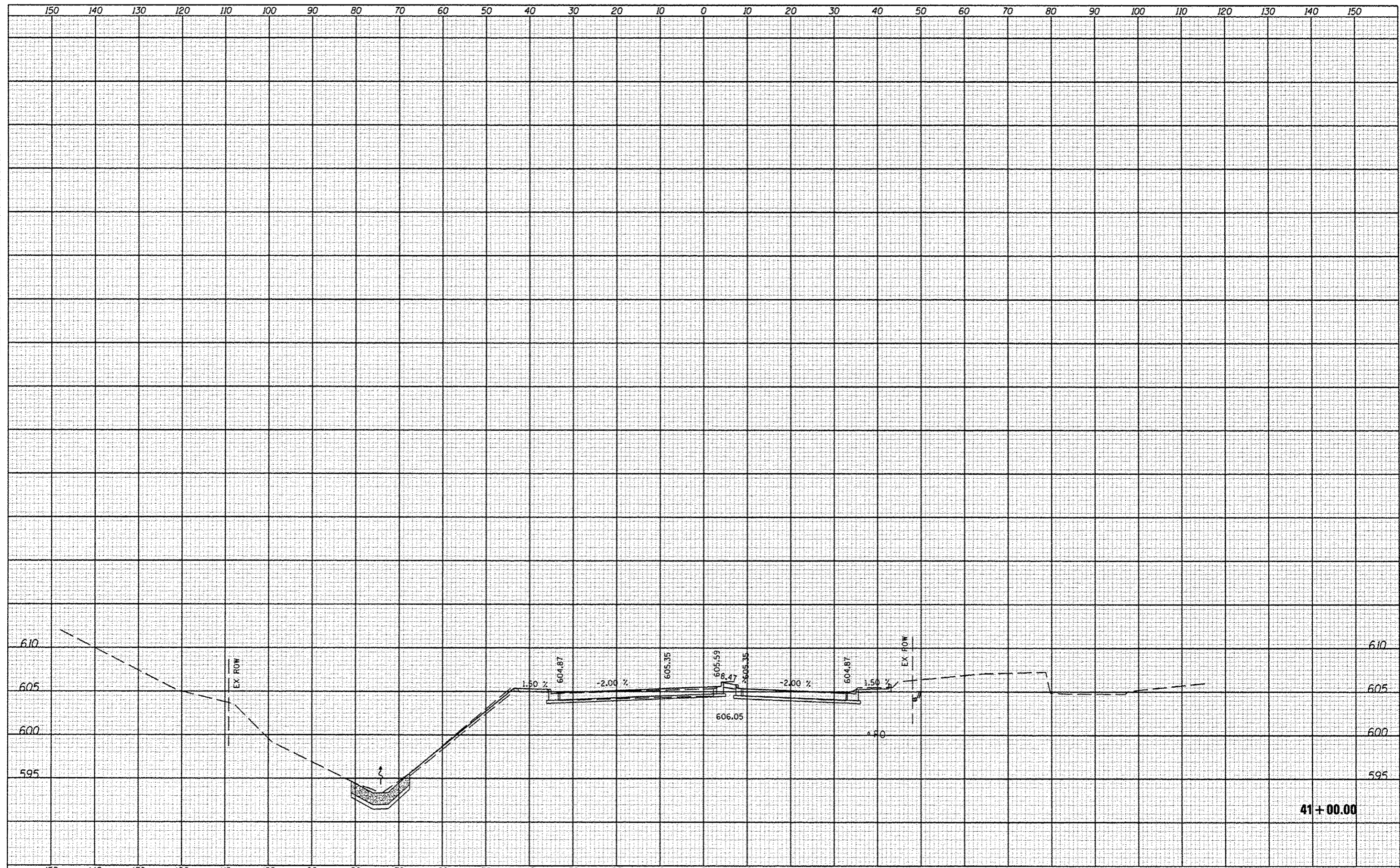
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 DATE: _____



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| FILE NAME | USER NAME * USER# | DESIGNED - JLH | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | CROSS SECTIONS | | | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| #FILE# | | DRAWN - JLH | REVISED - | | SCALE: | SHEET NO. | OF | SHEETS | 6586 | 05-00010-00-PV | PEORIA | 86 | 73 |
| | | CHECKED - | REVISED - | | STA. 40+43.46 | TO | STA. 40+75.00 | | | | | | |
| | | DATE - JAN 2014 | REVISED - | | | | | ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 89385 | | |

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| DATE | |
| BY | |
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| NO. | |
| REVISION | |
| DATE | |
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| NO. | |

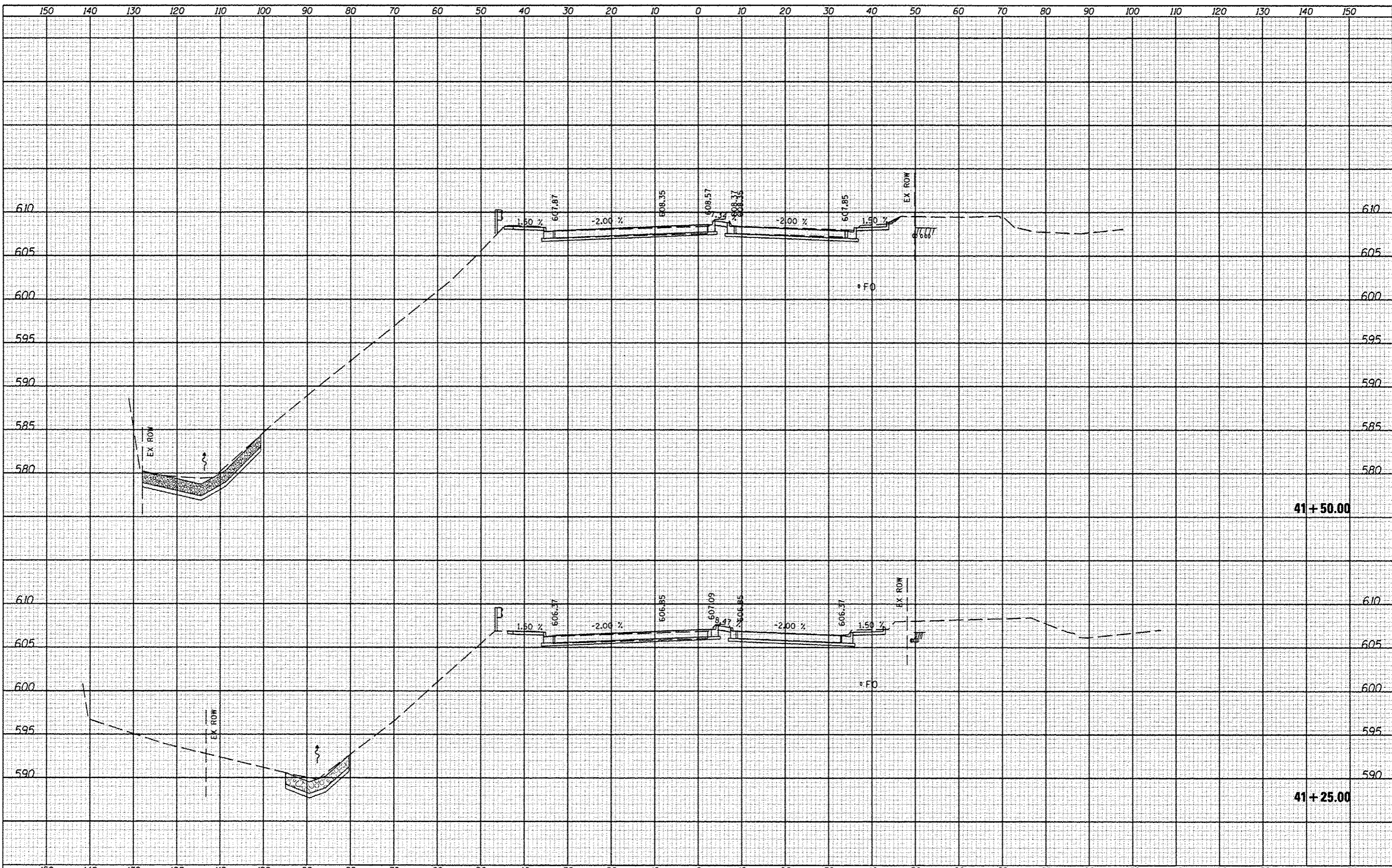


41 + 00.00

| | | | | | | | | | | | | |
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| FILE NAME | USER NAME | DESIGNED | REVISIONS | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | | CROSS SECTIONS | | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| *FILE# | *USER# | - JLH | - | | | | | 6586 | 05-00010-00-PV | PEORIA | 86 | 74 |
| | | DRAWN | REVISIONS | | | | | | | | | |
| | | - JLH | - | | | | | | | | | |
| | | CHECKED | REVISIONS | | | | | | | | | |
| | | - | - | | | | | | | | | |
| | | DATE | REVISIONS | | | | | | | | | |
| | | - JAN 2014 | - | | | | | | | | | |
| SCALE: | | | | | | SHEET NO. OF SHEETS | | STA. 41+00.00 TO STA. 41+00.00 | | ILLINOIS FED. AID PROJECT | | |

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 BY: _____
 CHECKED: _____
 DRAWN: _____
 NO. _____
 AREA CHECKED: _____

DATE: _____
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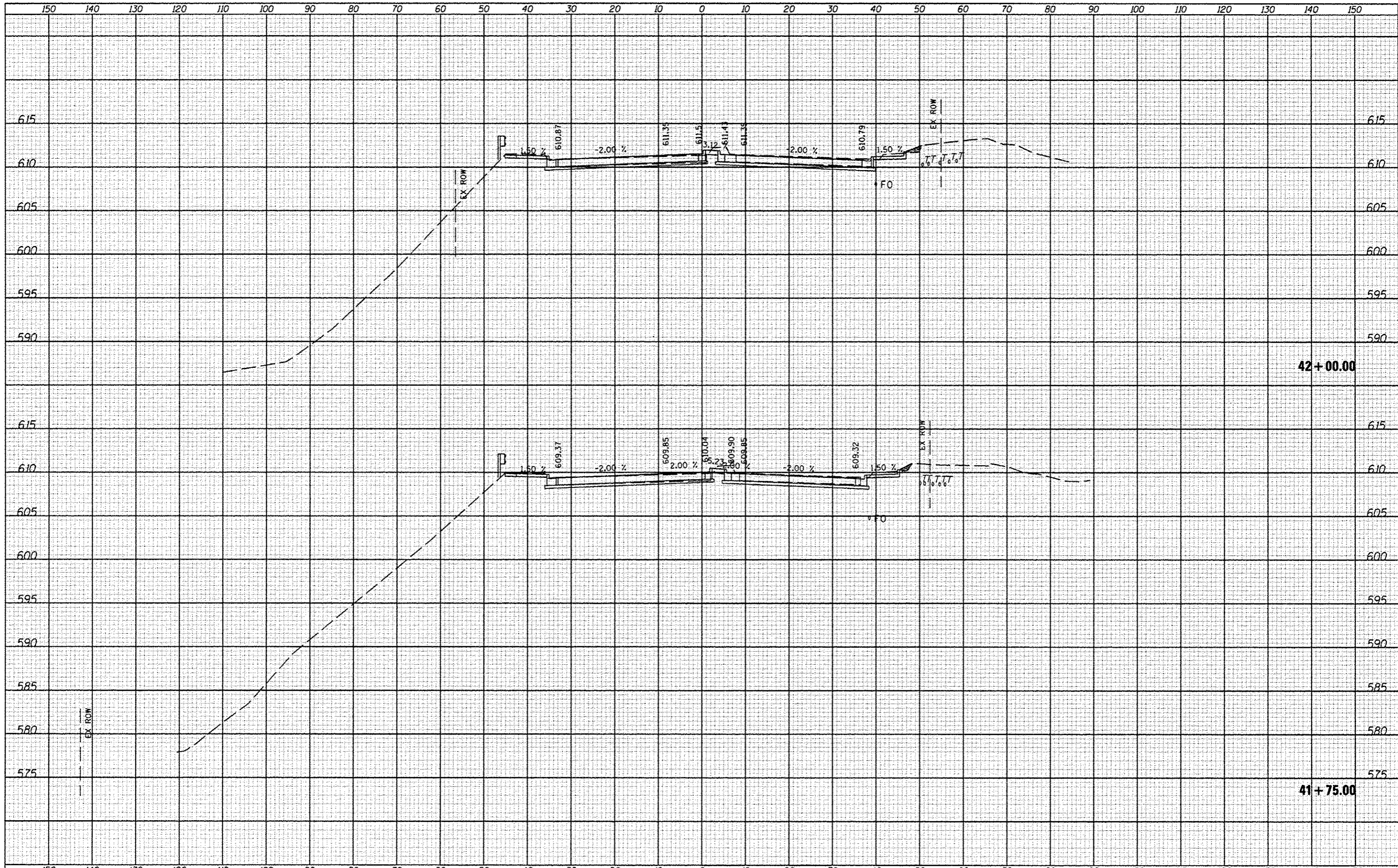


41+50.00

41+25.00

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| DATE | |
| FILE NO. | |
| PROJECT NO. | |
| SECTION | |
| COUNTY | |
| TOTAL SHEETS | |
| SHEET NO. | |

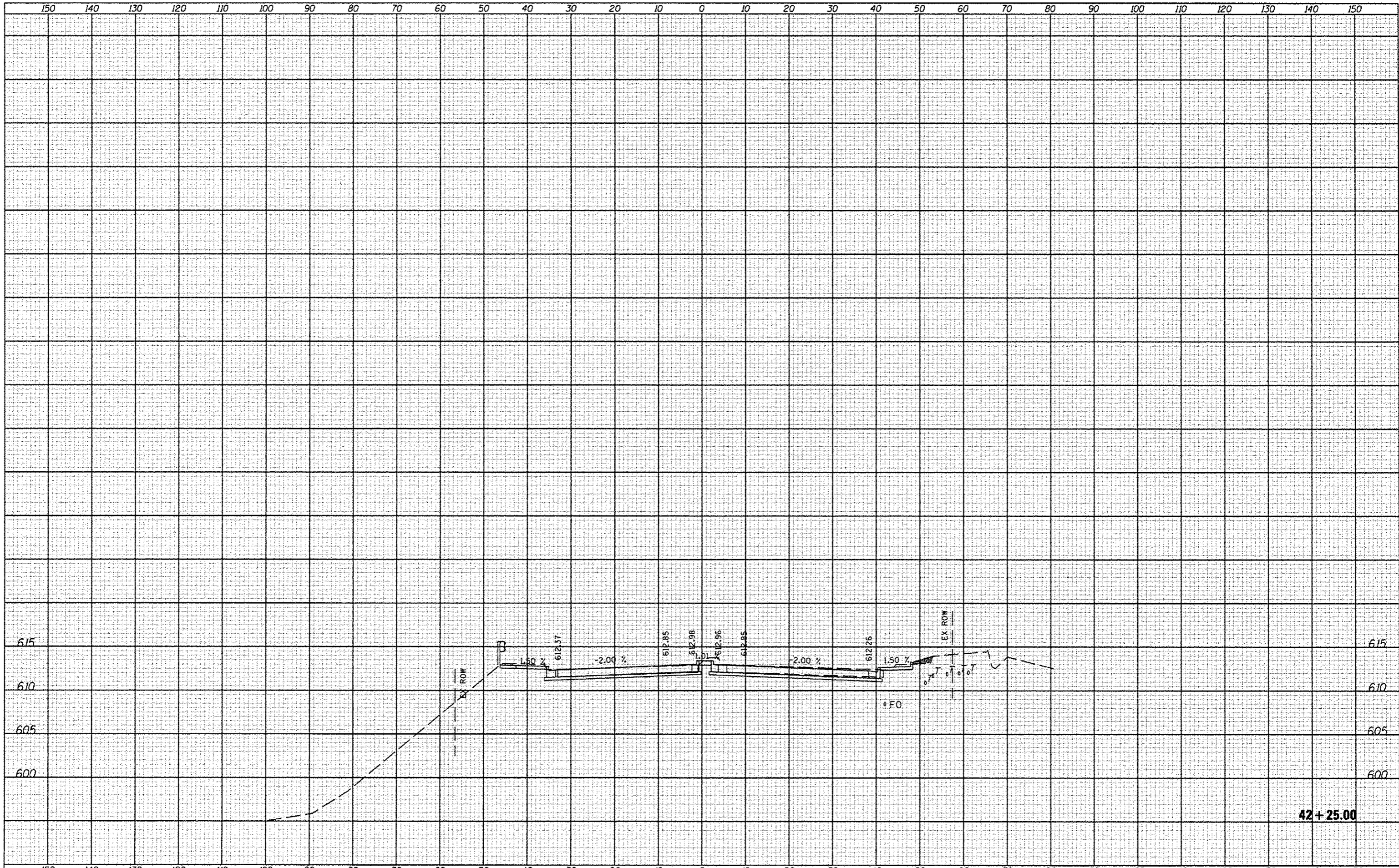
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| DRAWN | |
| CHECKED | |
| DATE | |
| FILE NO. | |
| PROJECT NO. | |
| SECTION | |
| COUNTY | |
| TOTAL SHEETS | |
| SHEET NO. | |



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|------------|-----------|----------|---------|---|---------------------------|----------------|-----------|---------------|------------------|--------------------|--------------|-----------|
| FILE NAME | USER NAME | DESIGNED | REVISOR | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | CROSS SECTIONS | | | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| FILE NO. | | DRAWN | REVISOR | | 6586 | 05-00010-00-PV | PEORIA | 86 | 76 | | | |
| PLOT SCALE | | CHECKED | REVISOR | | SCALE: | SHEET NO. | OF SHEETS | STA. 41+75.00 | TO STA. 42+00.00 | CONTRACT NO. 89385 | | |
| PLOT DATE | | DATE | REVISOR | | ILLINOIS FED. AID PROJECT | | | | | | | |

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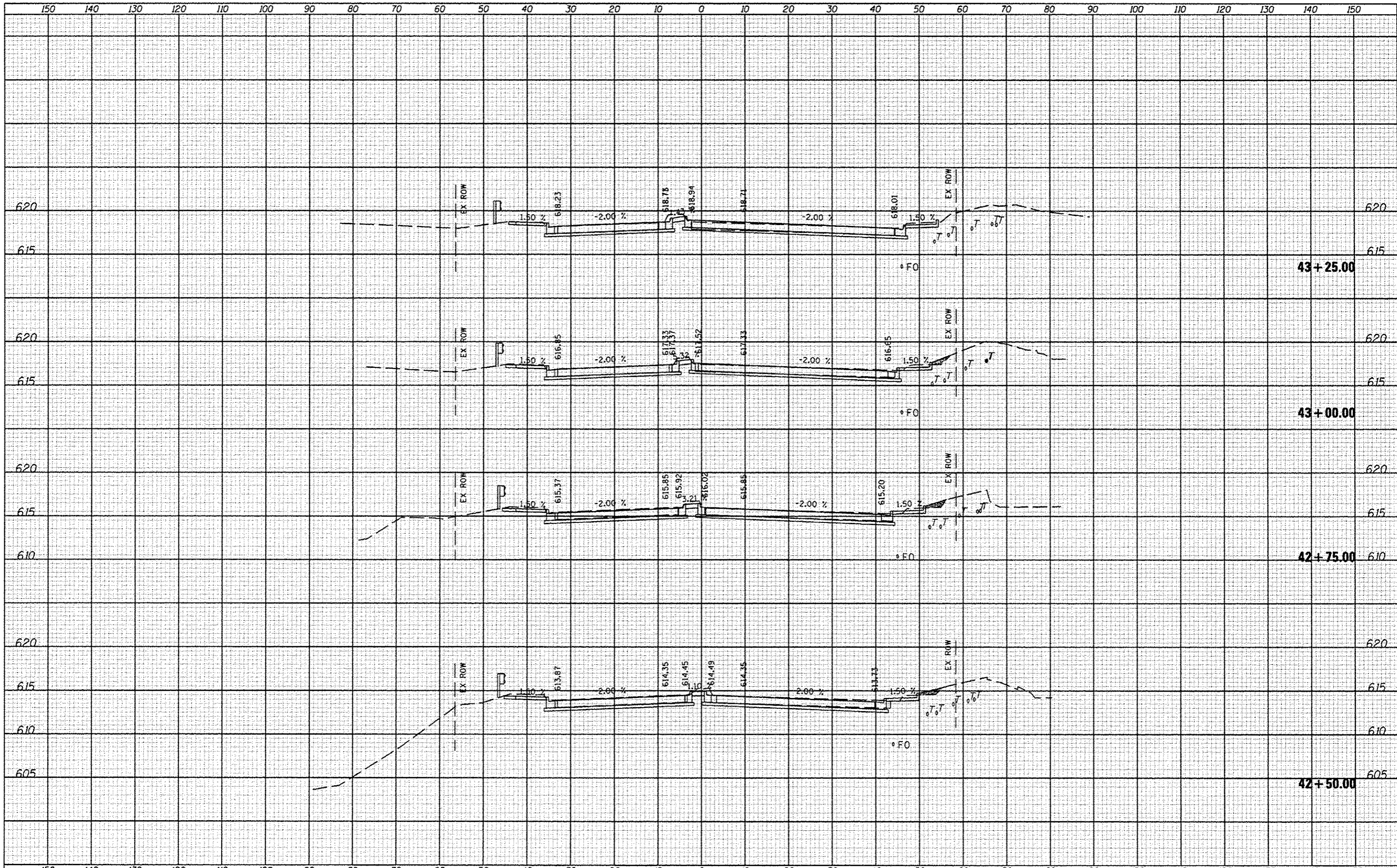
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| DATE | |



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| FILE NAME | USER NAME | DESIGNED | REVIS | STATE OF ILLINOIS | | CROSS SECTIONS | | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| #FILE# | *USER* | - JLH | - | DEPARTMENT OF TRANSPORTATION | | SCALE: SHEET NO. OF SHEETS STA. 42+25.00 TO STA. 42+25.00 | | 6586 | 05-00010-00-PV | PEORIA | 86 | 77 |
| | | DRAWN - JLH | REVIS - | | | | | ILLINOIS FED. AID PROJECT | | | | |
| | | CHECKED - | REVIS - | | | | | CONTRACT NO. 89385 | | | | |
| | | DATE - JAN 2014 | REVIS - | | | | | | | | | |

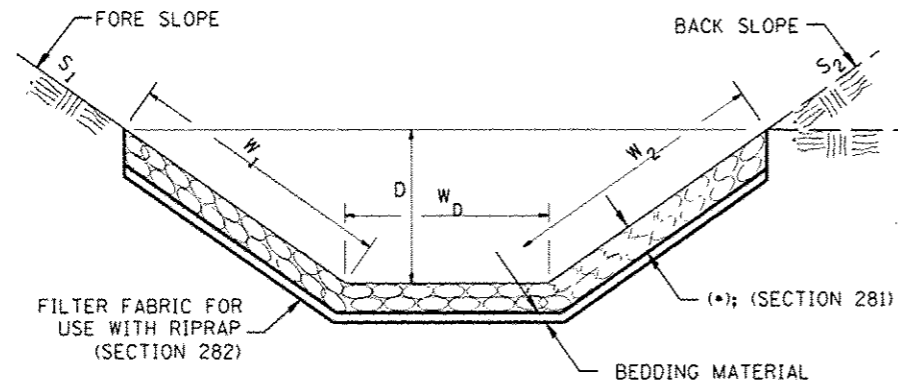
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 CHECKED: _____
 DATE: _____

DATE: _____
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 DESIGNED: _____
 DRAWN: _____
 CHECKED: _____
 DATE: _____



Designer NOTES:
 1. Designer to modify this Special Detail Sheet, as needed for inclusion in plans.
 2. (*) Designer to specify pay item including material, quality, and gradation.
 3. Include District Special Provision if needed.

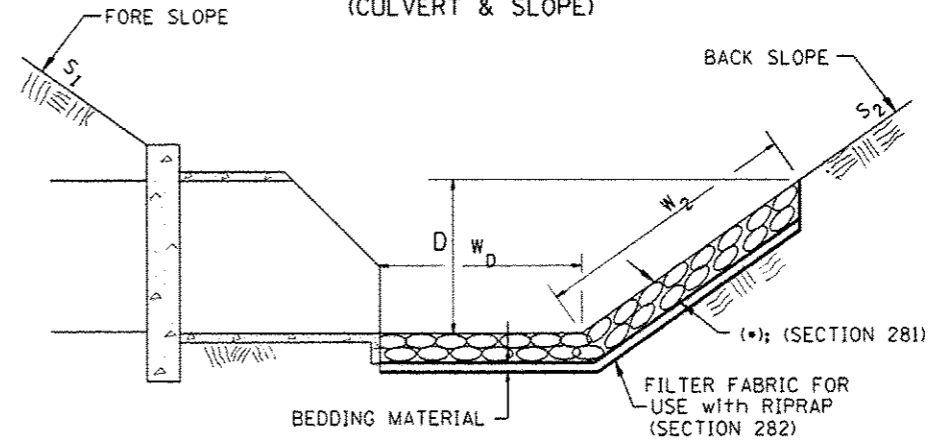
CASE 1
(DITCH)



| (*) | | | | |
|------------|---------------|---------------|------------------|-----------------------------|
| LOCATION | WIDTH (1) | LENGTH | RIPRAP | FABRIC |
| STA TO STA | lin ft (m) | lin ft (m) | tons (m tons) | sq yds (m ²) |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| TOTAL | | | | |

(1) WIDTH = $W_1 + W_2 + W_D$

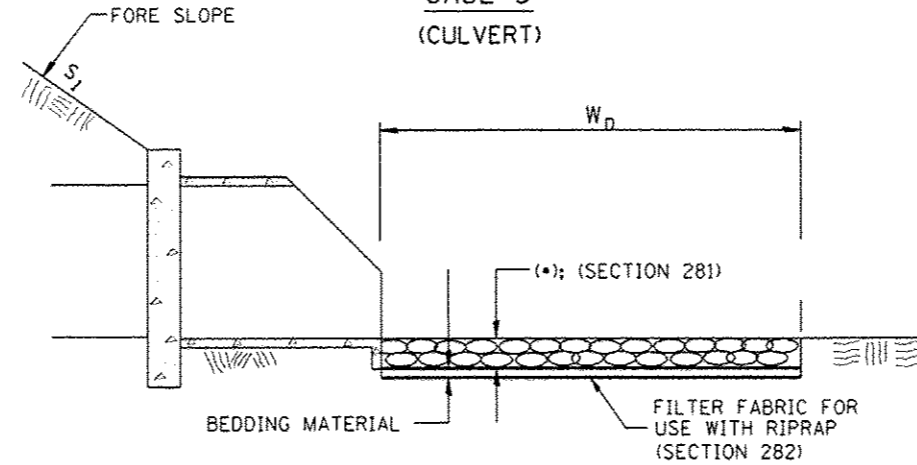
CASE 2
(CULVERT & SLOPE)



| (*) | | | | |
|------------|---------------|---------------|------------------|-----------------------------|
| LOCATION | WIDTH (1) | LENGTH | RIPRAP | FABRIC |
| STA TO STA | lin ft (m) | lin ft (m) | tons (m tons) | sq yds (m ²) |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| TOTAL | | | | |

(1) WIDTH = $W_2 + W_D$

CASE 3
(CULVERT)



| (*) | | | | |
|------------|---------------|---------------|------------------|-----------------------------|
| LOCATION | WIDTH (1) | LENGTH | RIPRAP | FABRIC |
| STA TO STA | lin ft (m) | lin ft (m) | tons (m tons) | sq yds (m ²) |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| TOTAL | | | | |

(1) WIDTH = W_D

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).
 All dimensions are in inches (millimeters) unless otherwise noted.

| | | |
|----------|--|------|
| 1-1-97 | RENUM. A-12.02, NEW REVISION BOX | T.P. |
| 12-1-97 | CORRECT FILTER FABRIC LEADER ARROW | J.A. |
| 10-16-06 | REVISED TO 2007 SPEC. | M.A. |
| 9-6-12 | REMOVED A DESIGNER NOTE AND MADE MINOR CHANGES | R.D. |

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

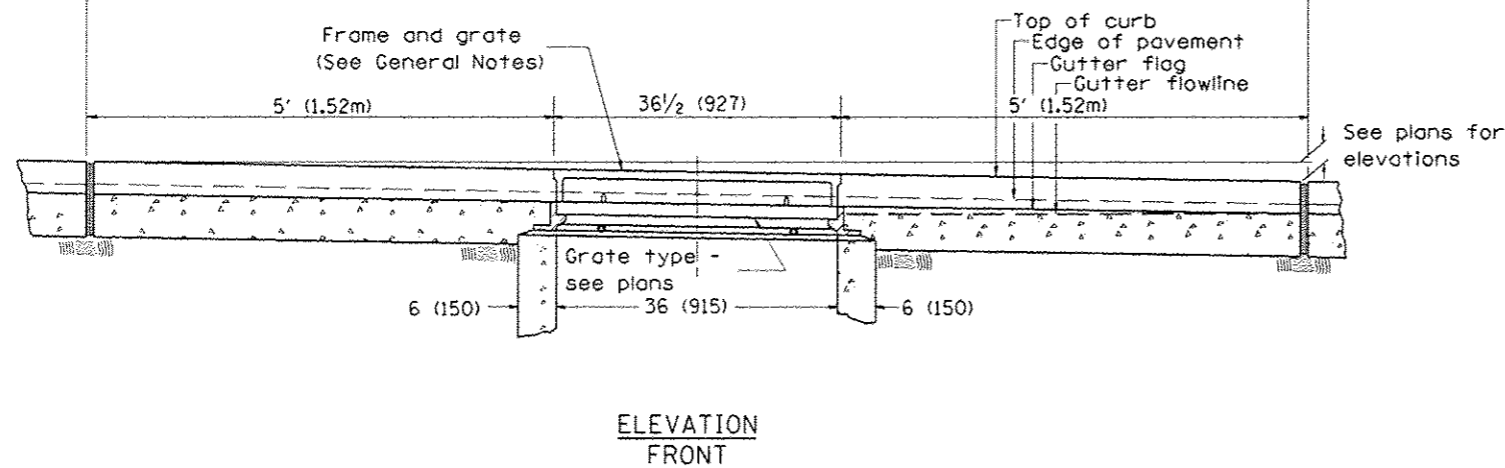
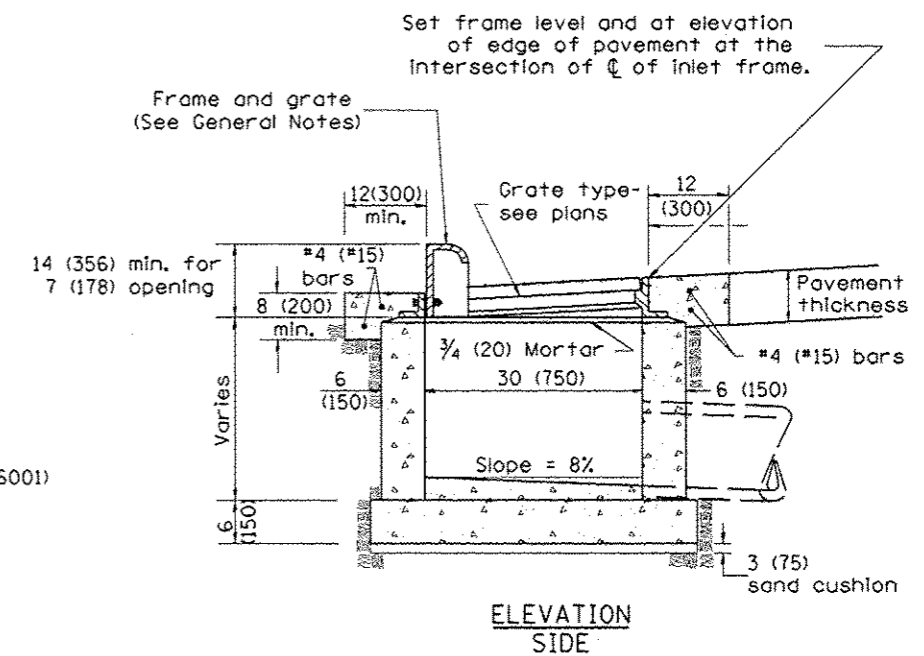
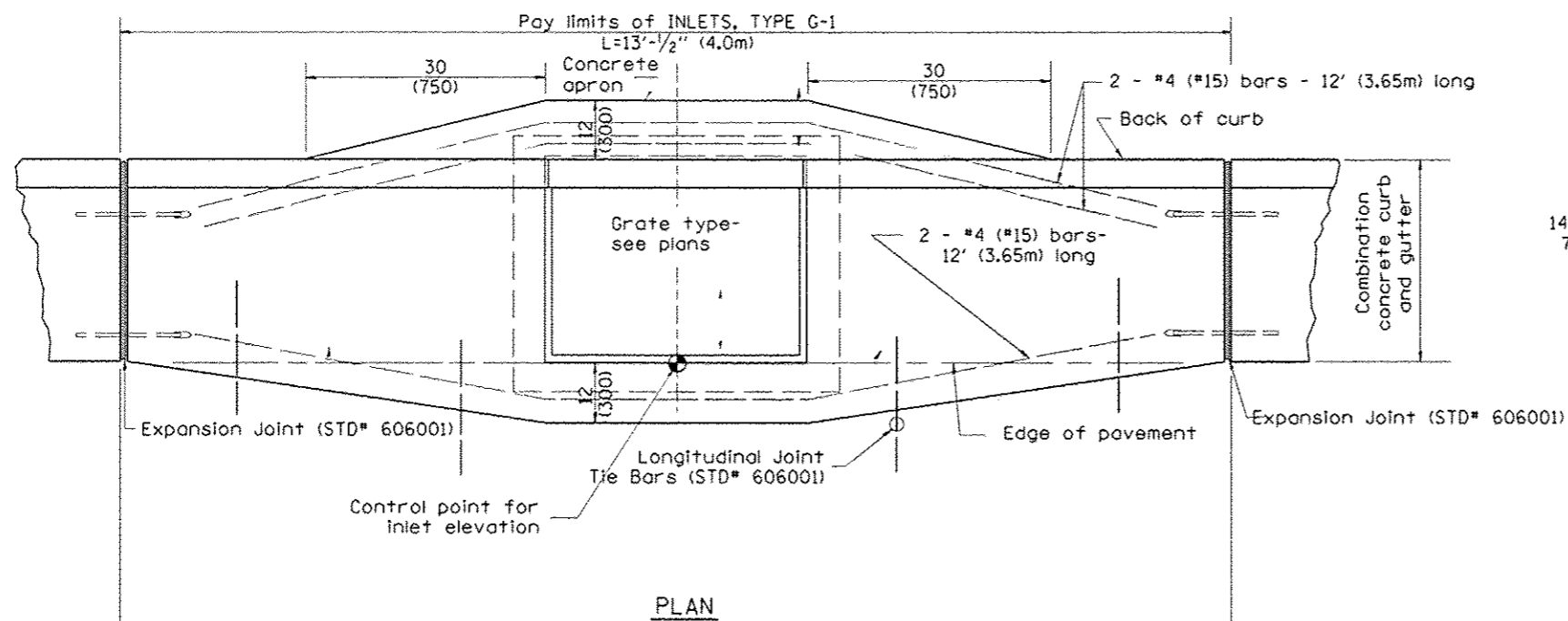
RIPRAP DITCH FOR EROSION PROTECTION

NOT TO SCALE

CADD STD. 281001-D4

| | | | | |
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| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | | | 86 | 80 |
| | | | CONTRACT NO. | |
| | | | | |

DESIGNER NOTES:
 1. Include State Standard 606001 for combination concrete curb and gutter details.
 2. Include State Standard 420001 for pavement joints.
 3. Include District CADD Standard for frame and grates and specify grate type in plans.
 4. Include District Special Provision. Pay item includes transitional c.c & g., inlet and frame and grate. All work within pay limits.
 5. The designer should include pavement removal quantities when the apron requires pavement removal.



GENERAL NOTES

1. Inlet construction shall be in accordance with Section 602 of the Standard Specifications.
2. Combination Concrete Curb & Gutter shall be constructed in accordance with Section 606 of the Standard Specifications.
3. See District CADD Standard 604001-D4 for frame and grates.

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

| | | | | | | | | | |
|----------|---------------------------------|------|--|--|--|--|--|--|--|
| 01-01-97 | RENUM. B-4.01, NEW REVISION BOX | T.P. | | | | | | | |
| 10-99 | REVISION TO GENERAL NOTES | J.A. | | | | | | | |
| 02-00 | REVISION TO DESIGNER NOTES | J.A. | | | | | | | |
| 10-16-06 | REVISED TO 2007 SPEC. | M.A. | | | | | | | |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

INLETS, TYPE G-1

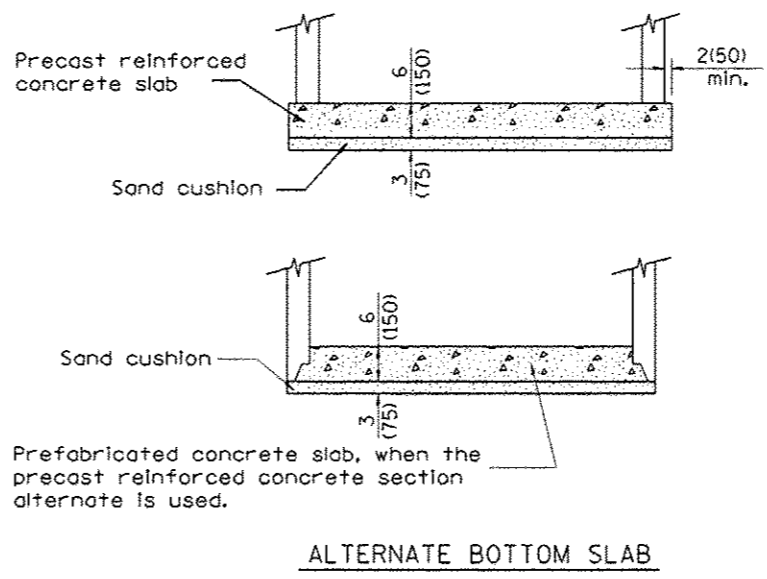
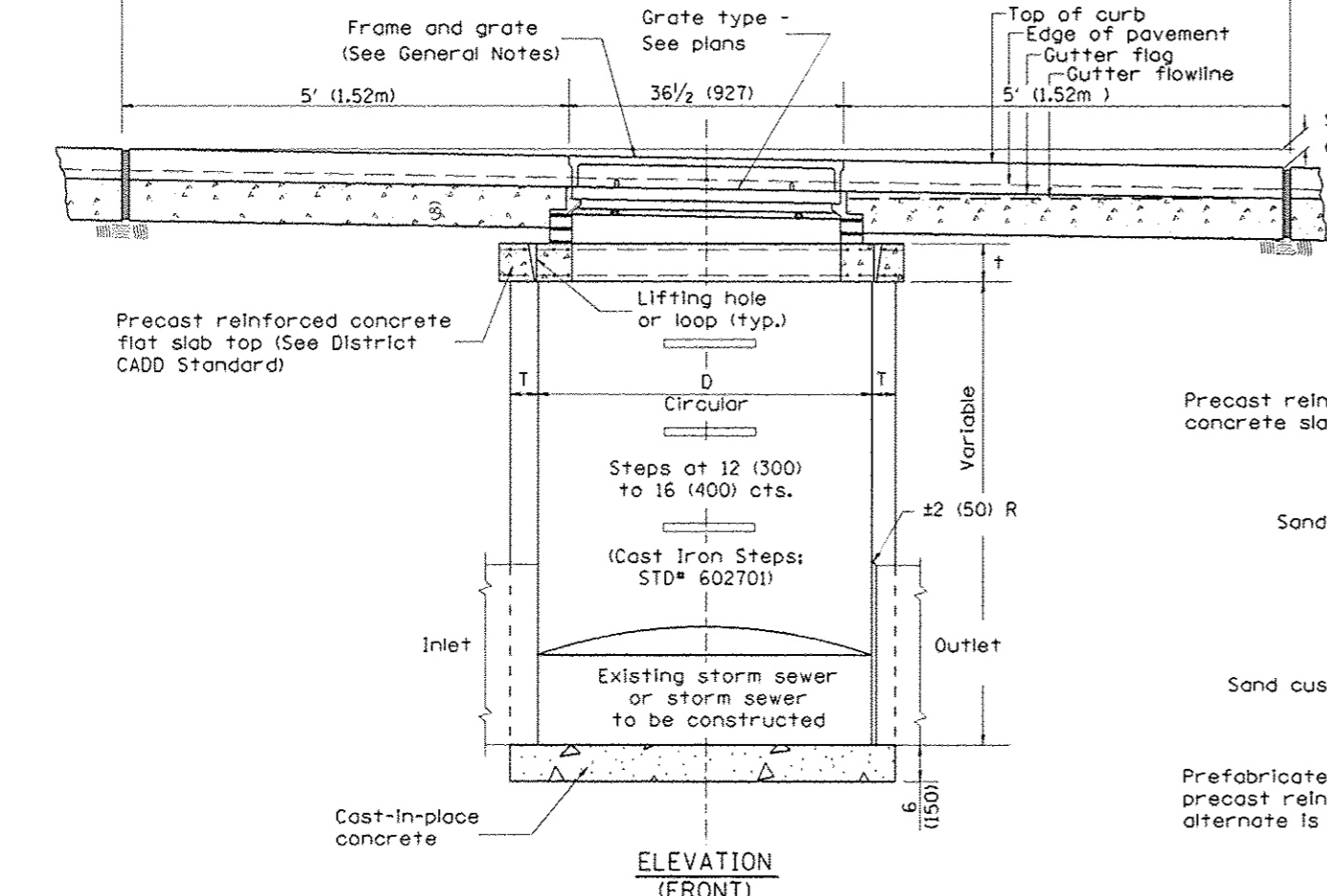
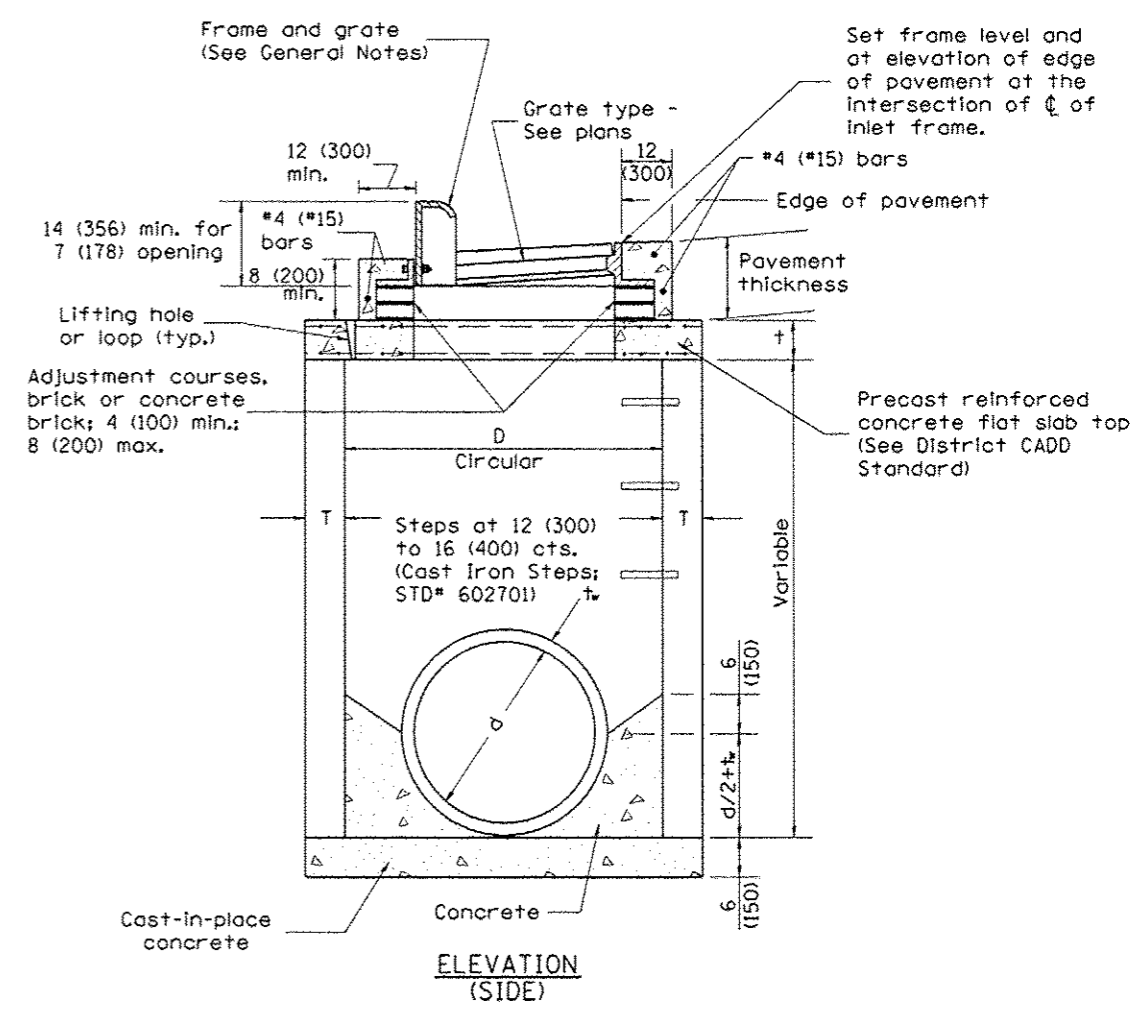
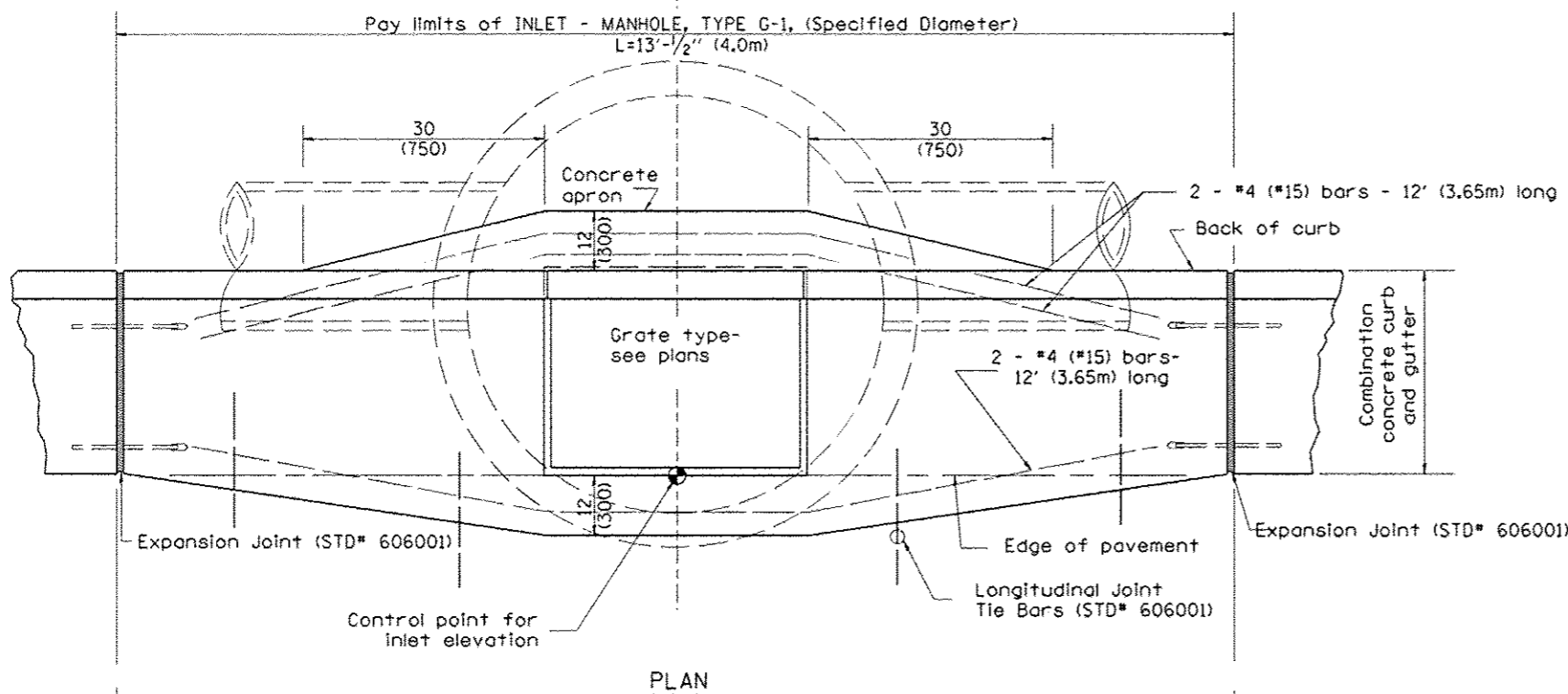
NOT TO SCALE

CADD STD. 602001-D4

| | | | | |
|---|---------|--------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | | | 86 | 81 |
| CONTRACT NO. | | | | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | |

DESIGNER NOTES:

1. Include State STD# 606001 for combination concrete curb and gutter details.
2. Include State STD# 420001 for pavement joints.
3. Include State STD# 602701 for cast iron steps.
4. Include District CADD Standard for frame and grates and specify grate type in plans.
5. Include District CADD Standard for precast reinforced concrete flat slab top.
6. Include District Special Provision, Pay Item includes inlet - manhole, flat slab top, transitional c.c.c.&g. and frame and grate. All work within pay limits.
7. Specify diameter of inlet - manhole in plans.
8. The designer should include pavement removal quantities when the apron requires pavement removal.



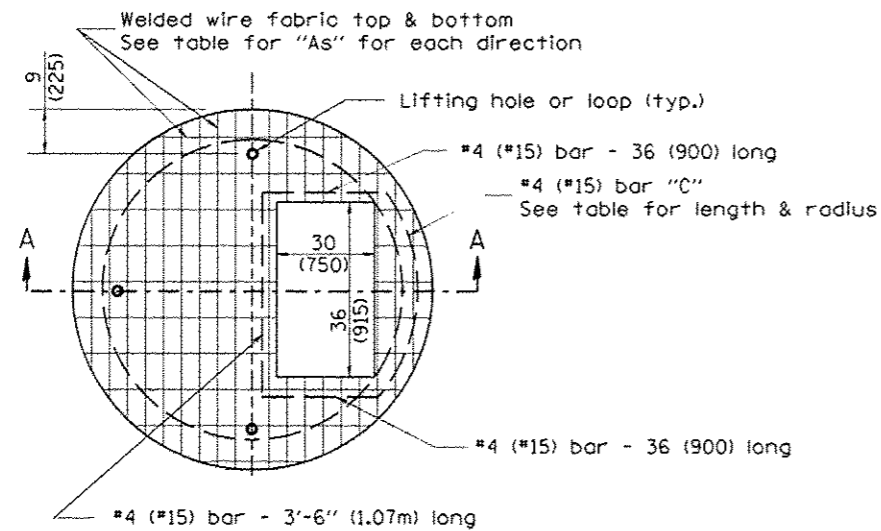
TABLE

| D | T | t |
|-----------|-------------|----------|
| 4' (1.2m) | 5 (125) | 6 (150) |
| 5' (1.5m) | 6 (150) | 8 (200) |
| 6' (1.8m) | 7 3/4 (195) | 8 (200) |
| 8' (2.4m) | 9 (225) | 10 (250) |

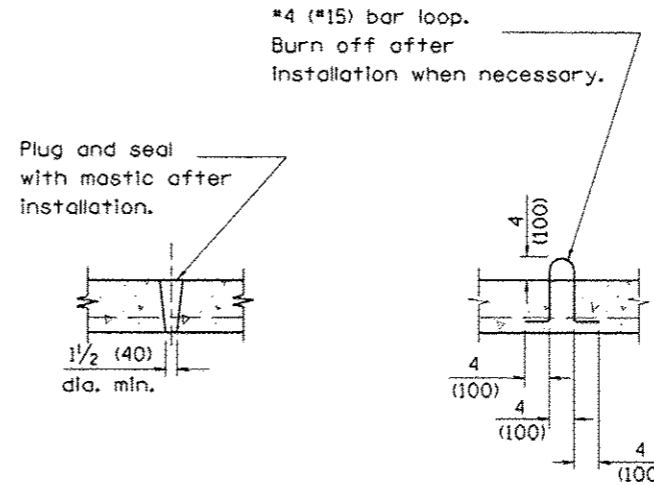
- GENERAL NOTES
1. Inlet-manhole construction shall be in accordance with Section 602 of the Standard Specifications.
 2. Combination concrete curb and gutter shall be constructed in accordance with Section 606 of the Standard Specifications.
 3. See District CADD Standard 604001-D4 for frame and grates.
 4. See District CADD Standard for precast reinforced concrete flat slab top.

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

DESIGNER NOTES:
 1. Include this standard with Type G-1 and Type G-1, Special Inlet-Manholes.
 2. The flat slab top is included in the cost of INLET-MANHOLES as per District Special Provision.



PLAN

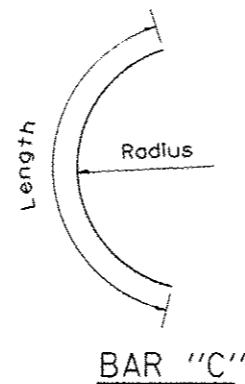


LIFTING HOLE OR LIFTING LOOP
 TYPICAL

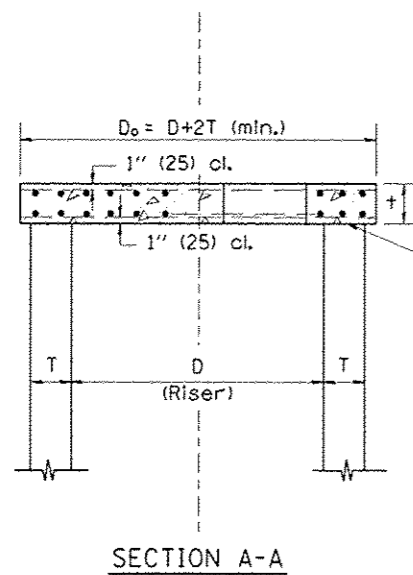
(3 required per slab)

TABLE

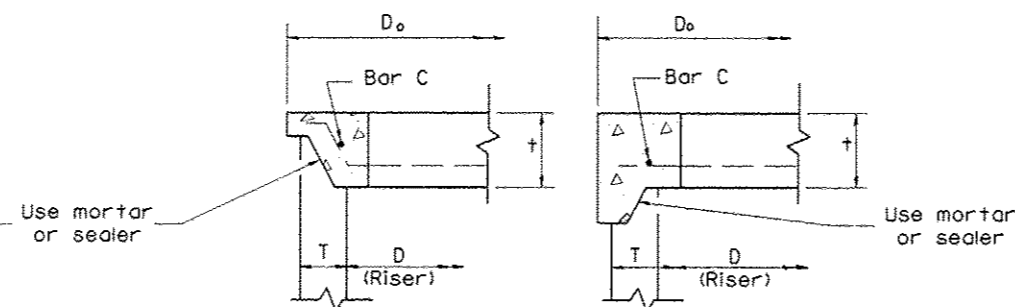
| D | T | D _o (min.) | t | Reinforcement "A _s " W.W.F. each direction | Bar size | No. 15 (No. 4) Bar C | |
|--------------|----------------|--------------------------|-------------|---|-------------------|-------------------------|------------------|
| | | | | | | Length | Radius |
| 4' (1.2m) | 5 (125) | 4'-10" (1.5m) | 6 (150) | 0.70 sq. inch/lin. ft. (1480mm ² /m) | No. 15 (No. 5) | 1.35m (4'-6") | 660 (26) |
| 5' (1.5m) | 6 (150) | 6'-0" (1.8m) | 8 (200) | 0.70 sq. inch/lin. ft. (1480mm ² /m) | No. 15 (No. 5) | 1.5m (5'-0") | 810 (32) |
| 6' (1.8m) | 7 3/4 (195) | 7'-3 1/2" (2.2m) | 8 (200) | 0.88 sq. inch/lin. ft. (1860mm ² /m) | No. 20 (No. 6) | 1.8m (6'-0") | 965 (38) |
| 8' (2.4m) | 9 (225) | 9'-6" (2.9m) | 10 (250) | 0.88 sq. inch/lin. ft. (1860mm ² /m) | No. 20 (No. 6) | 2.3m (7'-6") | 1,27m (4'-2") |



BAR "C"



SECTION A-A



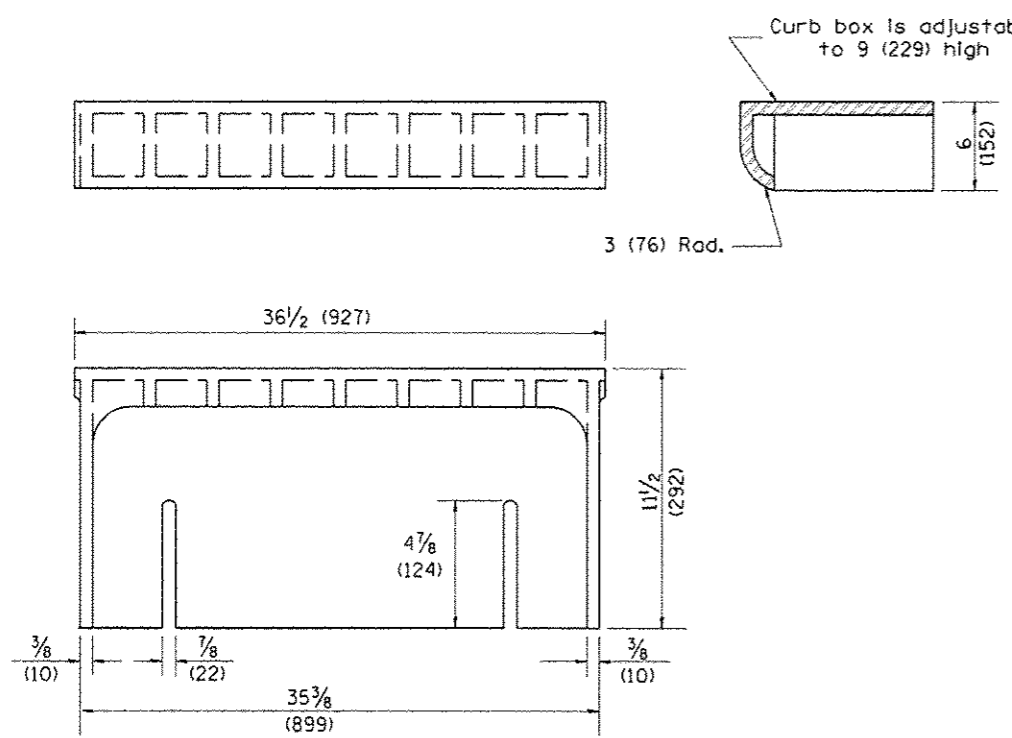
ALTERNATE JOINT CONFIGURATIONS

GENERAL NOTES

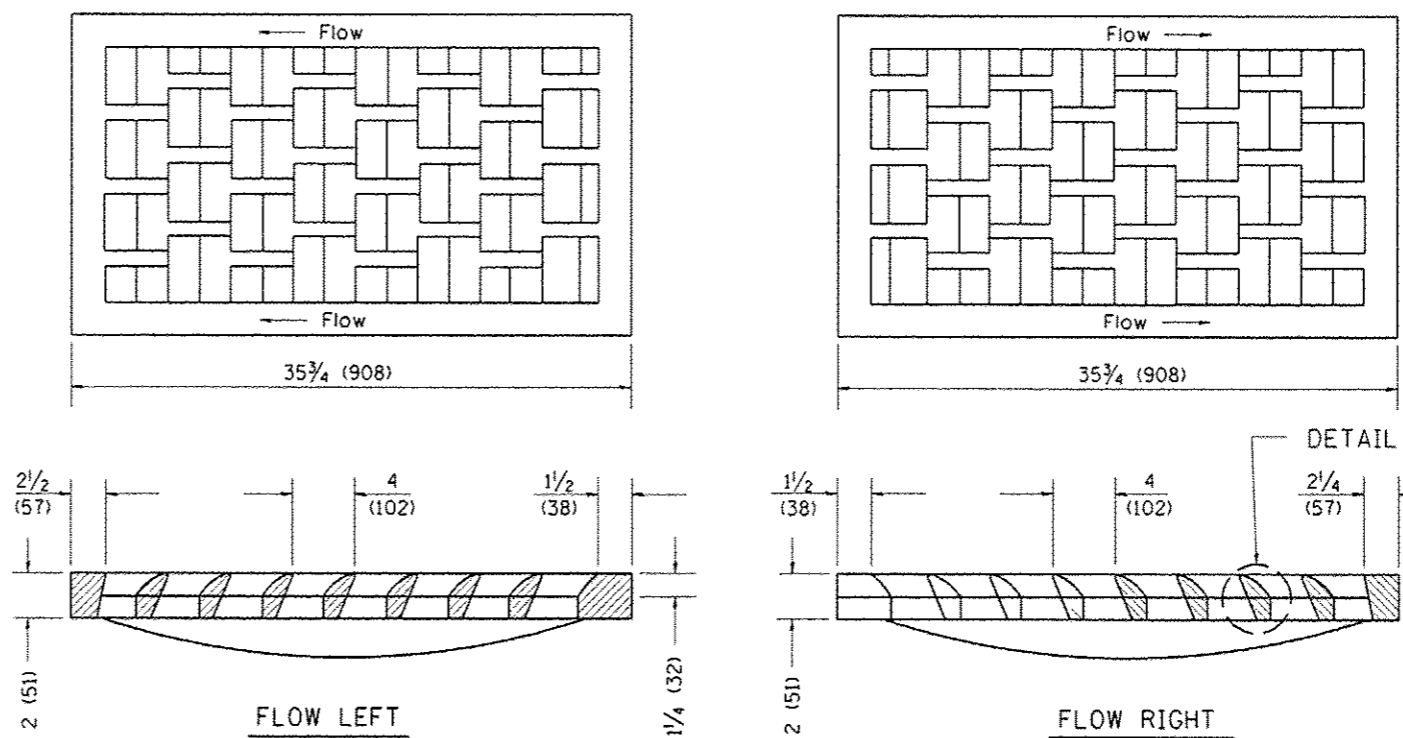
- The precast reinforced concrete flat slab top shall be used with INLET-MANHOLE, TYPE G-1 and INLET-MANHOLE, TYPE G-1, SPECIAL.
- Joint configuration and dimensions of flat slab top shall match and fit the riser joint detail.
- Lifting devices shall be approved by the Engineer.

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

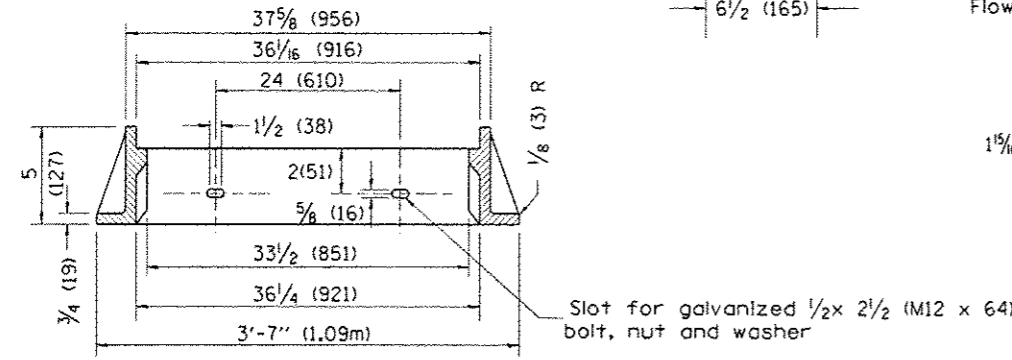
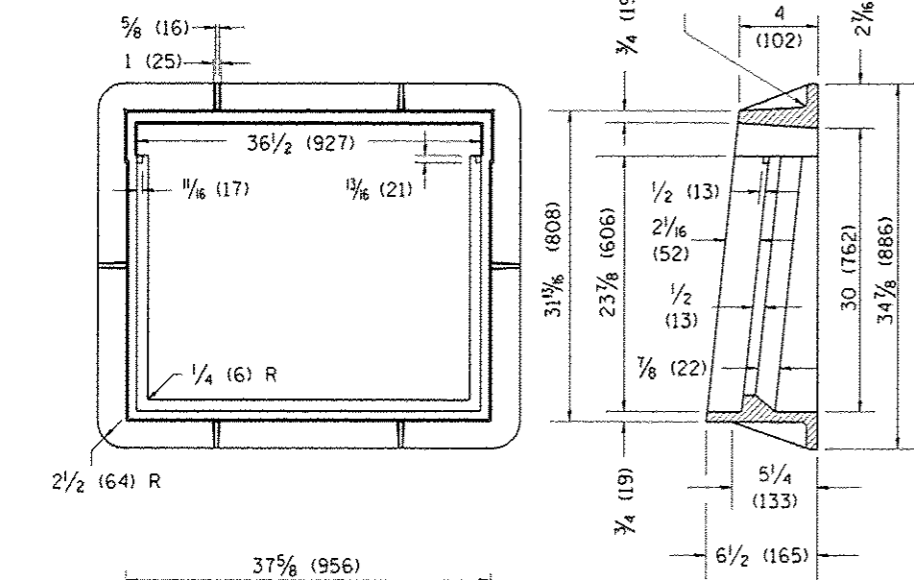
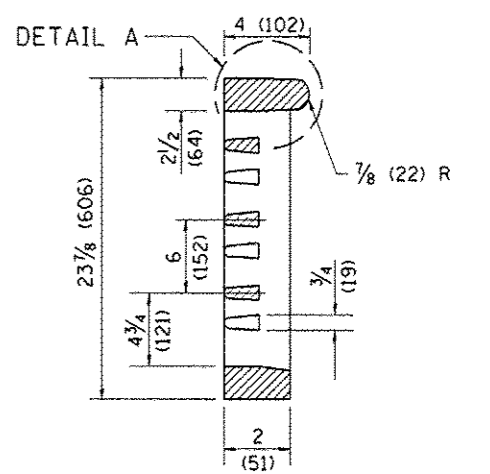
1. Include this standard with all type G-1 and type G-1, special drainage structures.
 2. Specify grate types and flow directions in plans.
 3. These castings are included in the cost of the drainage structures as per District Special Provision.
 4. This drawing based upon "NEENAH" designs as follows:
 Inlet Frame: R-3246-A, Curb Box: R-3230
 Reversible Diagonal Grate: R-3246-A
 Vane Grates: R-3246-AL (flow left)
 R-3246-AL (flow right)



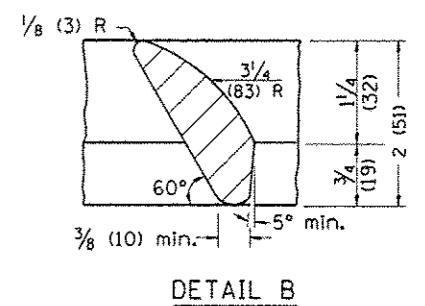
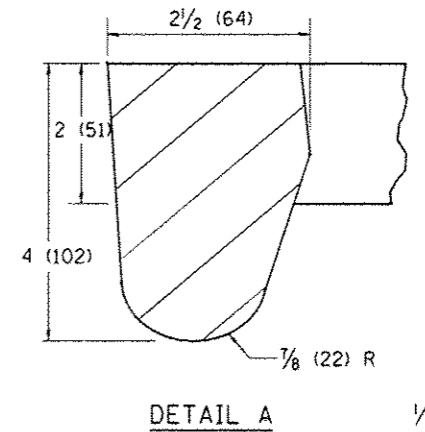
CAST CURB BOX
110 lbs. (50 kg)



CAST VANE GRATES
(SPECIFY LEFT OR RIGHT FLOW)
230 lbs. (104 kg)



CAST DIAGONAL GRATE
(Reversible for flow)
217 lbs. (98 kg)



GENERAL NOTES

1. The frame and grate shown on this drawing are for use with all TYPE G-1 and TYPE G-1, SPECIAL DRAINAGE STRUCTURES. See plans for grate type and flow direction.
2. Flow direction: As viewed from street side.
3. Material: cast gray iron.

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

| | | |
|----------|----------------------------------|------|
| 01-01-97 | RENUM. B-10.01, NEW REVISION BOX | T.P. |
| 10-16-06 | REVISED TO 2007 SPEC. | M.A. |

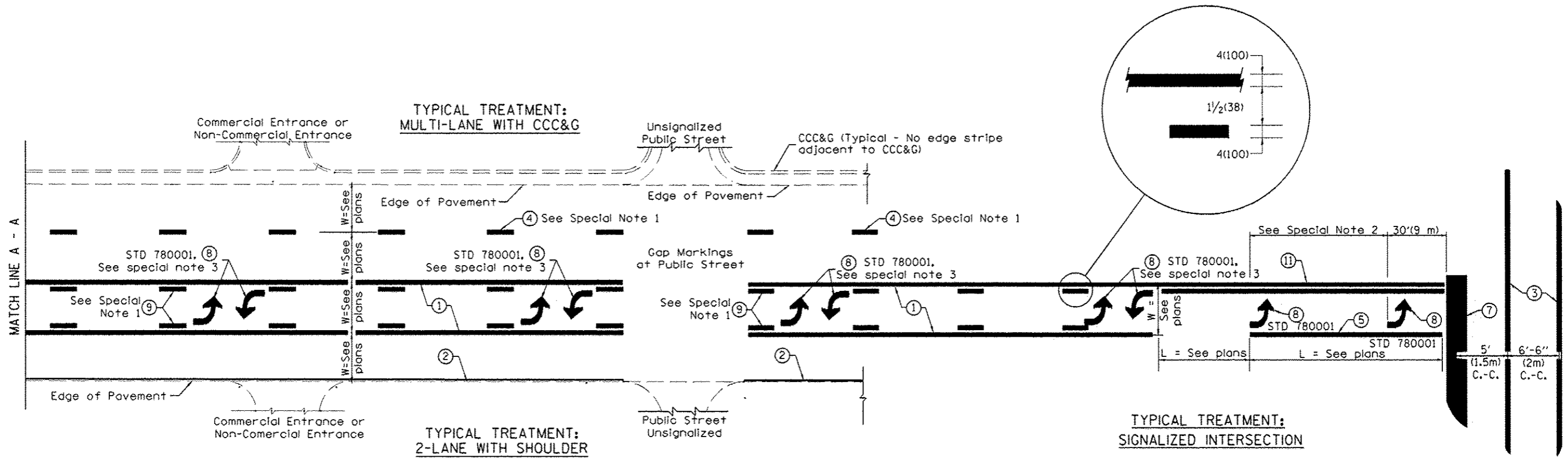
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FRAME & GRATES FOR TYPE G-1 AND TYPE G-1,
SPECIAL DRAINAGE STRUCTURES

NOT TO SCALE

CADD STD. 604001-D4

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------|---------|--------|---------------------------|-----------|
| | | | 86 | 84 |
| CONTRACT NO. | | | ILLINOIS FED. AID PROJECT | |



FLUSH PAVED MEDIAN: TWO-WAY LEFT TURN LANE WITH ONE-WAY LEFT TURN LANE AT SIGNALIZED INTERSECTION

TYPICAL PAVEMENT MARKING LEGEND

(Note: This is a District Standard Legend. Some elements may not apply to specific project.)

- ① 4(100) Solid (Yellow)
- ② 4(100) Solid (White)
- ③ 2-6(150) Crosswalk @ 6'-6" (2m)min C.-C. (White)
2-8(200) Crosswalk @ 6'-6" (2m)min C.-C. (White) (When traffic signals are present.)
- ④ 6(150) Skip-Dash (White) (See Special Note 1)
- ⑤ 8(200) Solid (White)
- ⑥ 12(300) Diagonal (White) (Item ⑥ is shown on Std. 780001)
- ⑦ 24(600) Stop Bar (White)
- ⑧ Letters & Arrows (See Std. 780001 and Special Notes 2 & 3)
- ⑨ 4(100) Skip-Dash (Yellow) (See Special Note 1)
- ⑩ 12(300) Diagonal (Yellow) (See Table A)
- ⑪ 4(100) Double Solid (Yellow) (See Table A)

SPECIAL NOTES

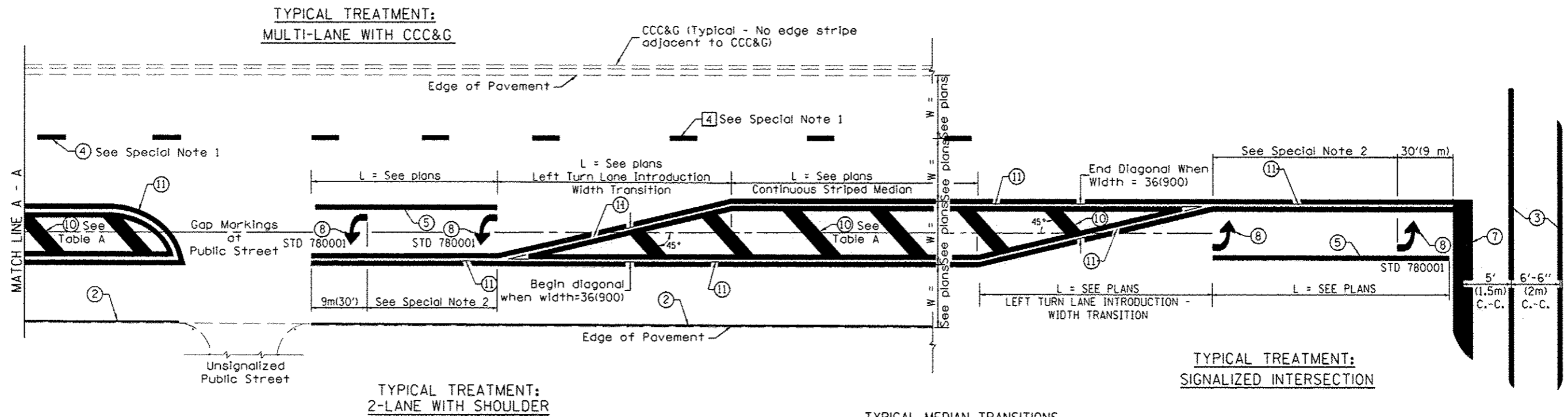
1. Skip-Dash markings will be centered between both ends of city blocks and shall be placed in alignment transversely across the pavement.
2. The following shall apply to arrows located in one-way left turn lanes:
 - A. A minimum of two (2) arrows is required.
 - B. The maximum spacing between arrows is 80' (24 m).
 - C. Arrows shall be evenly spaced if three (3) or more are required.
3. The following shall apply to arrow pairs located in two-way left turn lanes:
 - A. A minimum of two (2) arrow pairs is required.
 - B. The maximum spacing between arrow pairs is 200' (61 m).
 - C. Arrow pairs shall be evenly spaced if three (3) or more are required.
 - D. The spacing between BI Directional Left Turn Arrows is 33' (10 m).

GENERAL NOTES

1. Refer to State Standard 780001 for additional Pavement Markings including letters & arrows.
2. See Plans for Pavement Markings adjacent to curbed islands and medians, and through lane reductions.

DESIGNER NOTES: 1. Include State Standard 780001 (Typical Pavement Markings)

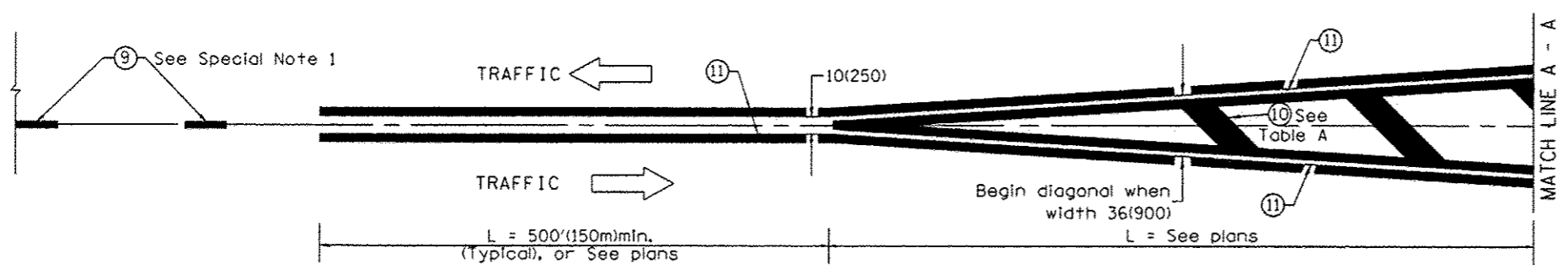
| | | | | | | | | | | | | |
|--------------|----------------------------------|------|----------|-----------------------|---|------------------------------------|-----------|---------------------------|--------|--------------|-----------|----|
| 01-01-97 | RENUM. F-8.03, NEW REVISION BOX | T.P. | 10-16-06 | REVISED TO 2007 SPEC. | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | TYPICAL PAVEMENT MARKINGS | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| 02-07-97 | ADD BI DIRECTIONAL DIMENSION | J.A. | | | | | | | | | 86 | 85 |
| 10-97 | CORRECT BI DIRECTIONAL DIMENSION | J.A. | | | | | | | | | | |
| 08-02 | ADD CROSSWALK DIMNS. WITH T.S. | M.A. | | | | | | | | | | |
| NOT TO SCALE | | | | | | SHT. 1 OF 2 CADD STD. 780001-04 | | CONTRACT NO. | | | | |
| | | | | | | FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | | | |



FLUSH PAVED MEDIAN: RESTRICTED LEFT TURN LANE

TABLE A
RECOMMENDED SPACING BETWEEN DIAGONAL LINES

| SPEED LIMIT RANGE | INTERSECTION CHANNELIZATION (Includes Width Transitions for Median and Left Turn Lane Introductions) | |
|----------------------------|---|----------|
| | CONTINUOUS | |
| Less Than 30 mph (50 km/h) | 50' (15m) | 15' (5m) |
| 30 - 45 mph (50 - 70 km/h) | 75' (23m) | 20' (6m) |
| Over 45 mph (70 km/h) | 150' (46m) | 30' (9m) |



MEDIAN INTRODUCTION - WIDTH TRANSITIONS

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