

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 310 (IL ROUTE 255)
SECTIONS 60-15-1, 60-15HB-1

PROJECT ESP-0310(130)

MADISON COUNTY

C- 98-013-03

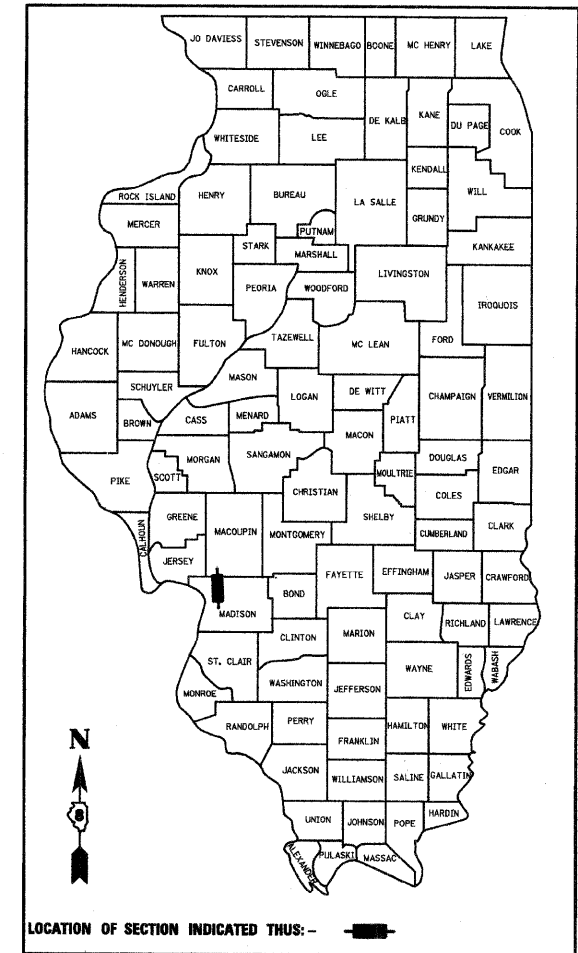
DUAL STRUCTURES,
WIDENING AND CHANNELIZATION
FAP ROUTE 310 OVER HUMBERTROAD

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|--------------------|---------|--------------|-----------|
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 1 |

CONTRACT NO. 76635

238+1=239

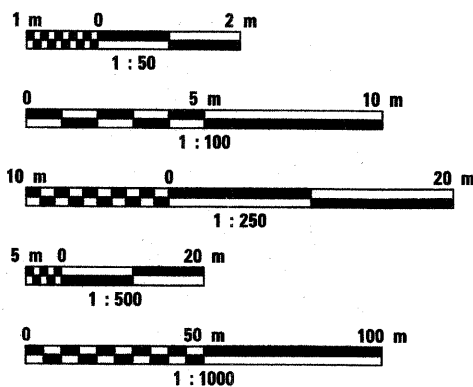
D-98-038-92



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

MICROFILMED _____
REEL NUMBER _____
AWARDED _____
RESIDENT ENGINEER _____
AS BUILT CHANGES WERE MADE
ON THE FOLLOWING SHEETS

METRIC RATIOS



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)



STEVE E. BANGE
REGISTERED PROFESSIONAL ENGINEER
STATE OF ILLINOIS NO. 062-053338
LICENSE EXPIRES NOVEMBER 30, 2009

CONTRACT NO. 76635

MADISON COUNTY SECTIONS 60-15-1 & 60-15HB-1 FAP ROUTE 310

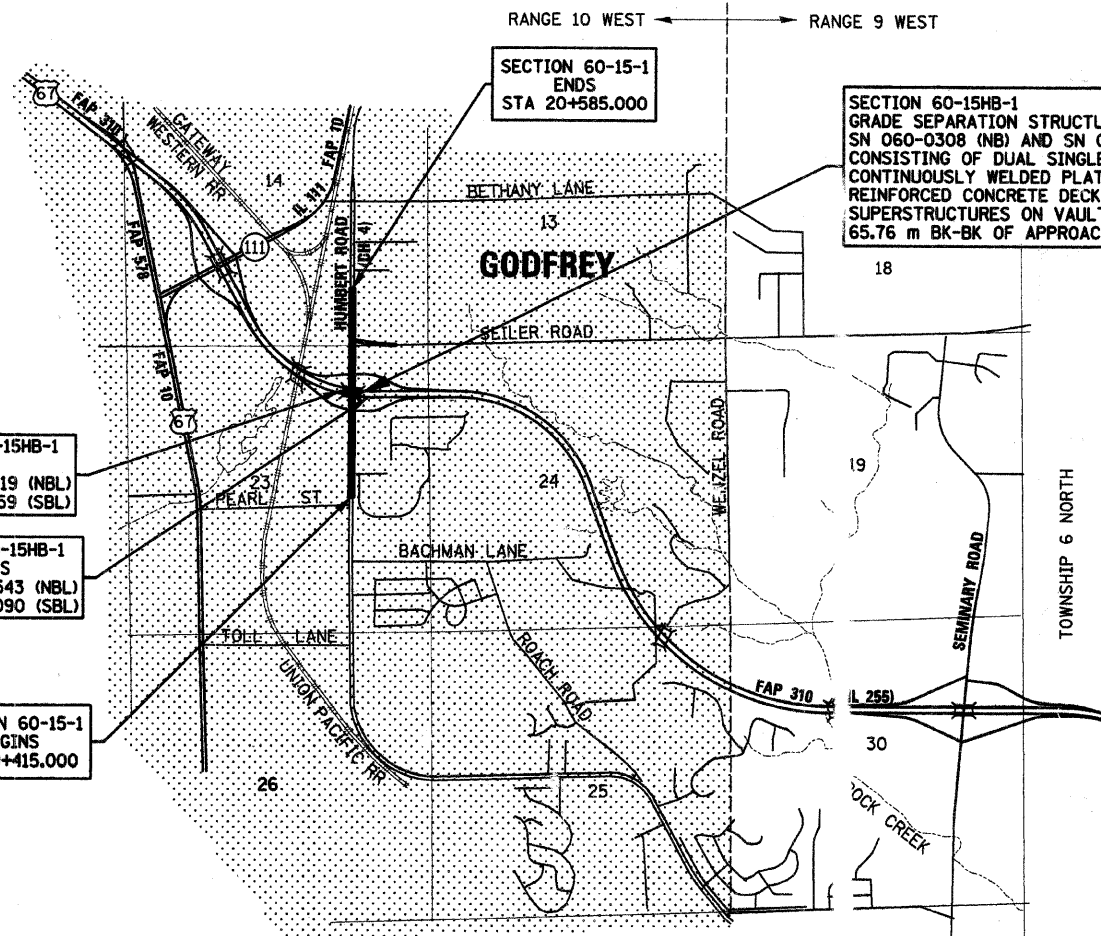


Latitude / Longitude
N 38.90032 / W 89.81998
E 38.90756 / W 89.81911

NET LENGTH OF SECTION 60-15-1 = 860.000 METERS = 0.860 KILOMETERS
NET LENGTH OF SECTION 60-15HB-1 = 66.476 METERS (NBL) = 0.066 KILOMETERS
NET LENGTH OF PROJECT = 926.476 METERS = 0.926 KILOMETER

DESIGN DESIGNATION

HUMBERT ROAD: 1359(14)MINOR ARTERIAL 2.93(PCC-20)
FAP 310: 2230(24) ARTERIAL 7.11 (FD-20)



SECTION 60-15-1
ENDS
STA 20+585.000

SECTION 60-15HB-1
GRADE SEPARATION STRUCTURES,
SN 060-0308 (NB) AND SN 060-0309 (SB)
CONSISTING OF DUAL SINGLE SPAN
CONTINUOUSLY WELDED PLATE GIRDER
REINFORCED CONCRETE DECK SLAB
SUPERSTRUCTURES ON VAULTED ABUTMENTS
65.76 m BK-BK OF APPROACH BENTS STA 38+829.909

SECTION 60-15HB-1
ENDS
STA 38+866.019 (NBL)
STA 38+863.159 (SBL)

SECTION 60-15HB-1
BEGINS
STA 38+799.543 (NBL)
STA 38+798.090 (SBL)

SECTION 60-15-1
BEGINS
STA 19+415.000

PLANS PREPARED BY:

**KLINGNER
& ASSOCIATES, P.C.**

Engineers • Architects • Surveyors

616 North 24th Street, Quincy, IL Ph (217) 223-3670 - Fax (217) 223-3683
4518 Paris Gravel Road, Hannibal, MO Ph (573) 221-0029 - Fax (573) 221-0022
618 N. 4th Street, Suite 100, Burlington, IA Ph (319) 753-1536 - Fax (319) 752-3685
49 North Prairie Street, Galena, IL Ph (309) 342-4842 - Fax (309) 341-3781
Internet Address: www.klingner.com

STATE OF ILLINOIS DESIGN FIRM # 1842738

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED February 4, 2009

Mary C. Farni
DEPUTY DIRECTOR OF HIGHWAYS, REGION FIVE ENGINEER

March 13, 2009

Charles G. Driscoll
ENGINEER OF DESIGN AND ENVIRONMENT

March 13, 2009





Christine M. Reed
DIRECTOR, DIVISION OF HIGHWAYS

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

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LEGEND

| | |
|---|---|
| TCE | TEMPORARY CONSTRUCTION EASEMENT |
|  | ITEM TO BE FILLED |
|  | PAVEMENT, DRIVEWAY, SIDEWALK, ETC. REMOVAL AREA |
|  | TREE TO BE REMOVED |
|  | EARTH MEDIAN DITCH CHECK |

IDOT HIGHWAY STANDARDS

| | |
|----------------------|--|
| 000001-05 | STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS |
| 202001-01 | EARTH MEDIAN DITCH CHECK |
| 280001-04 | TEMPORARY EROSION CONTROL SYSTEMS |
| 406201-01 | MAILBOX TURNOUT |
| 420001-07 | PAVEMENT JOINTS |
| 420111-02 | PCC PAVEMENT ROUNDOUTS |
| 420401-07 | BRIDGE APPROACH PAVEMENT |
| 424001-05 | CURB RAMPS FOR SIDEWALKS |
| 442201-03 | CLASS C AND D PATCHES |
| 482001-02 | HMA SHOULDER DETAILS ADJACENT TO FLEXIBLE PAVEMENT |
| 503001 | CONCRETE PARAPET SLIP FORMING OPTION |
| 515001-05 | NAME PLATE FOR BRIDGES |
| 542116-02 | REINFORCED CONCRETE END SECTIONS FOR MULTIPLE (2 & 3) PIPE CULVERTS 375 mm (15") THRU 900 mm (36") AT RIGHT ANGLES WITH ROADWAY |
| 542201-02 | REINFORCED CONCRETE END SECTIONS FOR PIPE CULVERTS, 375 mm THRU 900 mm DIAMETER SKEWED WITH ROADWAY |
| 542206-01 | REINFORCED CONCRETE END SECTION - PIPE CULVERT 1050 mm (42 ") / 1500 mm (60") - SKEWED |
| 542301-02 | PRECAST REINFORCED CONCRETE FLARED END SECTION |
| 542311-01 | GRATING FOR CONCRETE FLARED END SECTION FOR 600 mm THRU 1300 mm PIPE |
| 542401-01 | METAL END SECTION FOR PIPE CULVERTS |
| 542526-02 | INLET BOX 600 F |
| 542531-03 | INLET BOX TYPE 600 mm G |
| 542606-01 | REINFORCED CONCRETE PIPE TEE |
| 601001-03 | SUB-SURFACE DRAINS |
| 601101-01 | CONCRETE HEADWALL FOR PIPE DRAIN |
| 602401-02 | MANHOLE, TYPE A |
| 602601-02 | PRECAST REINFORCED CONCRETE FLAT SLAB TOP |
| 604101-01 | MEDIAN INLET 600 mm (24") REINFORCED CONCRETE PIPE |
| 606001-04 | CONCRETE CURB AND COMBINATION CONCRETE CURB AND GUTTER |
| 606301-04 | P.C. CONCRETE ISLANDS AND MEDIANS |
| 606306-03 | CORRUGATED PC CONCRETE MEDIANS |
| 609006-04 | BRIDGE APPROACH PAVEMENT (DRAIN DETAIL) |
| 630001-08 | STEEL PLATE BEAM GUARDRAIL |
| 631026-05 | TRAFFIC BARRIER TERMINAL, TYPE 5 & 5A |
| 631031-07 | TRAFFIC BARRIER TERMINAL, TYPE 6 |
| 635001-01 | DELINEATORS |
| 665001-02 | WOVEN WIRE FENCE |
| 666001-01 | RIGHT OF WAY MARKERS |
| 667101-01 | PERMANENT SURVEY MARKERS |
| 701001-02 | OFF-ROAD OPERATIONS 2-LANE, 2-WAY, MORE THAN 4.5 m (15') AWAY |
| 701006-03 | OFF-ROAD OPERATIONS 2-LANE, 2-WAY, 4.5 m (15') TO 600 mm (24") FROM PAVEMENT EDGE |
| 701011-02 | OFF-ROAD MOVING OPERATIONS, 2-LANE, 2-WAY, DAY ONLY |
| 701201-03 | LANE CLOSURE, 2-LANE, 2-WAY, DAY ONLY, FOR SPEEDS >= 45 MPH |
| 701301-03 | LANE CLOSURE, 2-LANE, 2-WAY, SHORT TIME OPERATIONS |
| 701306-02 | LANE CLOSURE, 2-LANE, 2-WAY, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >= 45 MPH |
| 701311-03 | LANE CLOSURE, 2-LANE, 2-WAY, MOVING OPERATIONS - DAY ONLY |
| 701326-03 | LANE CLOSURE, 2-LANE, 2-WAY, PAVEMENT WIDENING, FOR SPEEDS, >= 45 MPH |
| 701331-03 | LANE CLOSURE, 2-LANE, 2-WAY, WITH RUN-AROUND, FOR SPEEDS >= 45 MPH |
| 701606-06 | URBAN LANE CLOSURE, MULTILANE 2-WAY WITH MOUNTABLE MEDIAN |
| 701901-01 | TRAFFIC CONTROL DEVICES |
| 720011-01 | METAL POSTS (SIGNS, MARKERS, AND DELINEATORS |
| 780001-02 | TYPICAL PAVEMENT MARKINGS |
| 781001-03 | TYPICAL APPLICATIONS, RAISED REFLECTIVE PAVEMENT MARKERS |
| BLR-21-0 | TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS |
| BLR-22-0 | TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS (2 LANE 2 WAY RURAL TRAFFIC) (ROAD CLOSED TO THRU TRAFFIC) |
| BLR-24-2 | MAILBOX TURNOUTS |
| 701402-04 | |

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|--------------------|---------------------------|--------------|-----------|
| 310 | 60-15-1, 60-15HB-1 | MADISON | 239 | 2 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76635 | | | | |

| REVISIONS | |
|-----------|------|
| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
GENERAL NOTES
FAP 310 (IL 255)
SECTIONS 60-15-1, 60-15HB-1
MADISON COUNTY
DRAWN BY
CHECKED BY

Rev.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|--------------------|---------------------------|--------------|-----------|
| 310 | 60-15-1, 60-15HB-1 | MADISON | 239 | 3 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76635 | | | | |

GENERAL NOTES

- ALL ELEVATIONS REFER TO USGS MEAN SEA LEVEL DATUM.
- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MONUMENTS UNTIL AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR RE-ESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS.
- ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE NUMBER LISTED OR THE COPY OF STANDARD INCLUDED IN THESE PLANS.
- THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATION FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT-MIX ASPHALT MIXTURE IS PLACED.
- ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED 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 CONSIDERED INCLUDED IN THE COST OF EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE HOT-MIX ASPHALT SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY AND IN A WORKMAN LIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN IN THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR WILL BE REQUIRED TO SAW CUT THE HOT-MIX ASPHALT SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN IN THE PLAN DETAILS. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF THE HOT-MIX ASPHALT QUANTITIES.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- PROTECTIVE COATING SHALL BE APPLIED TO THE SURFACE OF NEW CONCRETE ACCORDING TO SECTION 420 OR SECTION 503 OF THE STANDARD SPECIFICATIONS.
- ALL TREES, BRUSH, AND SHRUBS WITHIN THE CONSTRUCTION LIMITS WILL BE REMOVED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. ONLY THOSE TREES DESIGNATED BY THE ENGINEER OR LISTED IN THE TREE REMOVAL SCHEDULE SHALL BE REMOVED. TREES ALONG THE EDGE OF THE RIGHT OF WAY SHALL BE SAVED IF, IN THE OPINION OF THE ENGINEER, THEY DO NOT INTERFERE WITH CONSTRUCTION OPERATIONS. THE CONTRACTOR WILL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.
- ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE TO BE GIVEN TO UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT ARE AS FOLLOWS:

ABOVE GROUND
•AMEREN UE

- BELOW GROUND**
•AMERITECH
•FOSTERBURG WATER
•IL AMERICAN WATER - ALTON
•AMEREN UE
•MCI WORLDCOM
•AT&T CABLE SERVICES
•SPRINT
•CHARTER COMMUNICATIONS

MEMBERS OF J.U.L.I.E. (800)-892-0123 ARE INDICATED BY *. NON J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

- THE DISTRICT'S NUCLEAR DENSITY SUPERVISOR SHALL BE CONTACTED UPON COMPLETION OF THE SUBGRADE AND PRIOR TO THE LIME STABILIZATION PROCESS TO DETERMINE THE NECESSITY OF THE LIME STABILIZATION. IF THE SUBGRADE IS FOUND NOT TO REQUIRE REMEDIAL PROCEDURES, THE LIME STABILIZATION WILL NOT BE CONDUCTED.
- A QUANTITY FOR TEMPORARY PAVEMENT MARKING EQUAL TO THE AMOUNT OF PERMANENT PAVEMENT MARKING HAS BEEN ADDED TO THE PLANS.
- THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

| MIXTURE USE | SURFACE | BINDER | INCIDENTAL | BASE COURSE | SHOULDERS |
|-------------------------------------|--------------|--------------|--------------|--------------|--------------|
| AC/PG | PG 64-22 | PG 64-22 | PG 64-22 | PG 58-22 | PG 58-22 |
| RAP % (MAX) | 10% | 15% | 10% | 30% | 30% |
| DESIGN AIR VOIDS | 4.0%@Ndes=70 | 4.0%@Ndes=70 | 4.0%@Ndes=70 | 2.0%@Ndes=50 | 2.0%@Ndes=30 |
| MIX COMPOSITION (GRADATION MIXTURE) | | IL 19.0 | IL 19.0 | | |
| FRICITION AGG | MIXTURE C | MIXTURE B | MIXTURE C | BASE CSE | BAM |

GENERAL NOTES

- SEEDING SHALL BE PLACED ON ALL AREAS THAT ARE DISTURBED BY CONSTRUCTION OPERATIONS AS DIRECTED BY THE ENGINEER. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED, AS DIRECTED BY THE ENGINEER, AT THE CONTRACTOR'S EXPENSE.
- FERTILIZER NUTRIENTS SHALL BE APPLIED TO BOTH THE SEEDED AREAS AND THE AREAS COVERED WITH EROSION CONTROL BLANKET.
- DO NOT INCLUDE MULCH OR EMULSIFIED ASPHALT ON EROSION CONTROL BLANKET AREAS.
- IF ANY UNSUITABLE MATERIAL IS ENCOUNTERED DURING CONSTRUCTION, IT WILL BE NECESSARY TO REMOVE THE UNSUITABLE MATERIAL AND REPLACE IT WITH A SUITABLE MATERIAL AS APPROVED BY THE ENGINEER. THIS WILL BE PAID FOR ACCORDING TO ARTICLE 109.04.
- THE CONTRACTOR SHALL FURNISH AND INSTALL WOOD SIGN POST SUPPORTS IN ACCORDANCE WITH SECTION 730 OF THE STANDARD SPECIFICATIONS.
- ALL EROSION CONTROL PRODUCTS FURNISHED SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE USE SPECIFIED IN THE EROSION CONTROL PLAN. PRIOR TO THE APPROVAL AND USE OF THE PRODUCT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A NOTARIZED CERTIFICATION BY THE PRODUCER STATING THE INTENDED USE OF THE PRODUCT AND THAT THE PHYSICAL PROPERTIES REQUIRED FOR THIS APPLICATION ARE MET OR EXCEEDED. THE CONTRACTOR SHALL PROVIDE MANUFACTURER RECOMMENDED INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.
- "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT THE BEGINNING AND END OF THE PROJECT PLUS THE INTERSECTING SIDE ROADS AND WILL BE CONSIDERED TO BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE IN COLOR.
- ALL EXCAVATED AREAS DUE TO WIDENING OPERATIONS SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES WITH APPROPRIATE LIGHTS.
- FLAGMEN SHALL BE PRESENT DURING ALL CLOSURE HOURS INCLUDING LUNCH HOUR AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
- THE PROPOSED EMBANKMENT SHALL BE BENCHED INTO THE EXISTING SLOPES TO THE SATISFACTION OF THE ENGINEER.
- STRAW BALES, HAY BALES, PERIMETER EROSION BARRIER, AND SILT FENCES WILL NOT BE PERMITTED FOR TEMPORARY OR PERMANENT DITCH CHECKS. DITCH CHECKS SHALL BE COMPOSED OF AGGREGATE, SILT PANELS, ROLLED EXCELSIOR, OR SILT WEDGES.
- IF THERE IS A DISCREPANCY BETWEEN THE RIGHT OF WAY SHOWN ON THE PLANS AND THE PLAT OF HIGHWAYS, THE PLAT OF HIGHWAYS ALWAYS TAKES PRECEDENCE.
- THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUANTITIES:

| | |
|--|----------------------------|
| GRANULAR MATERIALS | 2.5 M TONS / CU M |
| BITUMINOUS MATERIALS (PRIME COAT) ON PAVEMENT | 0.00041 M TONS / SQ M |
| BITUMINOUS MATERIALS (PRIME COAT) ON AGGREGATE | 0.00155 M TONS / SQ M |
| AGGREGATE PRIME COAT | 0.0022 M TONS / SQ M |
| HOT-MIX ASPHALT BINDER COURSE AND SHOULDERS | 0.00244 M TONS / SQ M / MM |
| HOT-MIX ASPHALT SURFACE COURSE | 0.00262 M TONS / SQ M / MM |
| LIME | 68.56 KG / CU M |
| MIXTURE FOR CRACKS, JOINTS AND FLANGWAYS | 0.000325 M TONS / SQ M |

1 METRIC TON = 1000 KG
BITUMINOUS MATERIALS 1 LITER = 0.00091 M TONS

COMMITMENTS

NO COMMITMENTS HAVE BEEN MADE FOR THIS PROJECT.

| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION GENERAL NOTES FAP 310 (IL 255) SECTIONS 60-15-1, 60-15HB-1 MADISON COUNTY DRAWN BY DATE CHECKED BY |
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| NAME | DATE | |
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SUMMARY OF QUANTITIES

| | | | | |
|---------------------|--------------------|---------------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15-1, 60-15HB-1 | MADISON | 239 | 4 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76635 | | | | |

SUMMARY OF QUANTITIES

| CODE NO | ITEM | UNIT | TOTAL QUANTITIES | CONSTRUCTION TYPE CODE | | | | | |
|------------|--|--------|------------------|------------------------|---------|---------------|------|--|--|
| | | | | URBAN | | | | | |
| | | | | 100% FEDERAL | | | | | |
| | | | | SEC 60-15-1 | | SEC 60-15HB-1 | | | |
| | | | | J000-2A | Y031-1F | X271-2A | | | |
| 28000300 | TEMPORARY DITCH CHECKS | EACH | 30 | 30 | | | | | |
| 28000500 | INLET AND PIPE PROTECTION | EACH | 4 | 4 | | | | | |
| M5050105 | FURNISHING AND ERECTING STRUCTURAL STEEL | L SUM | 1 | | | | 1 | | |
| 50500505 | STUD SHEAR CONNECTORS | EACH | 2976 | | | | 2976 | | |
| 51203200 | TEST PILE METAL SHELLS | EACH | 2 | | | | 2 | | |
| 51500100 | NAME PLATES | EACH | 2 | | | | 2 | | |
| 52100010 | ELASTOMERIC BEARING ASSEMBLY, TYPE I | EACH | 12 | | | | 12 | | |
| 60235700 | INLETS, TYPE A, TYPE 3 FRAME AND GRATE | EACH | 5 | 5 | | | | | |
| 60236200 | INLETS, TYPE A, TYPE 8 GRATE | EACH | 1 | 1 | | | | | |
| 60237000 | INLETS, TYPE A, TYPE 15 FRAME AND LID | EACH | 11 | 11 | | | | | |
| 60240215 | INLETS, TYPE B, TYPE 1 FRAME, CLOSED LID | EACH | 2 | 2 | | | | | |
| 60240220 | INLETS, TYPE B, TYPE 3 FRAME AND GRATE | EACH | 1 | 1 | | | | | |
| 60240320 | INLETS, TYPE B, TYPE 15 FRAME AND LID | EACH | 1 | 1 | | | | | |
| 60258100 | MANHOLES TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, OPEN LID | EACH | 1 | 1 | | | | | |
| 60258200 | MANHOLES TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID | EACH | 7 | 7 | | | | | |
| 60259330 | MANHOLES TO BE RECONSTRUCTED WITH NEW TYPE 23 FRAME AND GRATE | EACH | 1 | 1 | | | | | |
| 60263000 | INLETS TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID | EACH | 1 | 1 | | | | | |
| 60264100 | INLETS TO BE RECONSTRUCTED WITH NEW TYPE 15 FRAME AND LID | EACH | 1 | 1 | | | | | |
| 60402210 | GRATES, TYPE 8 | EACH | 1 | 1 | | | | | |
| 60500040 | REMOVING MANHOLES | EACH | 1 | 1 | | | | | |
| 60500060 | REMOVING INLETS | EACH | 14 | 14 | | | | | |
| 66600105 | FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS | EACH | 35 | 35 | | | | | |
| 66700205 | PERMANENT SURVEY MARKERS, TYPE I | EACH | 11 | 11 | | | | | |
| 67000400 | ENGINEER'S FIELD OFFICE, TYPE A | CAL MO | 20 | 20 | | | | | |
| 67000600 | ENGINEER'S FIELD LABORATORY | CAL MO | 20 | 20 | | | | | |
| 67100100 | MOBILIZATION | L SUM | 1 | 1 | | | | | |
| 70101800 | TRAFFIC CONTROL AND PROTECTION, (SPECIAL) | L SUM | 1 | 1 | | | | | |
| 70101835 | TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 22 | L SUM | 1 | 1 | | | | | |
| 70102625 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701606 | L SUM | 1 | 1 | | | | | |
| 70102632 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701602 | L SUM | 1 | 1 | | | | | |
| 70103815 | TRAFFIC CONTROL SURVEILLANCE | CAL DA | 45 | 45 | | | | | |
| 73100100 | BASE FOR TELESCOPING STEEL SIGN SUPPORT | EACH | 8 | 8 | | | | | |
| 78100100 | RAISED REFLECTIVE PAVEMENT MARKER | EACH | 152 | 152 | | | | | |
| * 78200300 | PRISMATIC CURB REFLECTOR | EACH | 164 | 164 | | | | | |
| * 80501000 | SERVICE INSTALLATION (SPECIAL) | EACH | 2 | | | 2 | | | |
| * 81400700 | HANDHOLE, PORTLAND CEMENT CONCRETE | EACH | 12 | | | 12 | | | |
| * 81400720 | DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE | EACH | 2 | | | 2 | | | |

* SPECIALTY ITEMS

| REVISIONS | |
|-----------|------|
| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUMMARY OF QUANTITIES
 FAP 310 (IL 255)
 SECTIONS 60-15-1, 60-15HB-1
 MADISON COUNTY
 DRAWN BY SEB
 CHECKED BY
 DATE

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ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

| | | | | |
|---------------------|--------------------|---------------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 5 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |

SUMMARY OF QUANTITIES

| CODE NO | ITEM | UNIT | TOTAL QUANTITIES | CONSTRUCTION TYPE CODE | | | |
|------------|--|-------------|------------------|------------------------|---|--|--|
| | | | | URBAN | | | |
| | | | | 100% FEDERAL | | | |
| | | SEC 60-15-1 | | SEC 60-15HB-1 | | | |
| | | J000-2A | Y031-1F | X271-2A | | | |
| 84200600 | REMOVAL OF EXISTING LIGHTING UNIT, NO SALVAGE | EACH | 7 | | 7 | | |
| 85700200 | FULL-ACTUATED CONTROLLER AND TYPE IV CABINET | EACH | 1 | | 1 | | |
| 85700305 | FULL-ACTUATED CONTROLLER AND TYPE V CABINET, SPECIAL | EACH | 1 | | 1 | | |
| 86000100 | MASTER CONTROLLER | EACH | 1 | | 1 | | |
| 86400100 | TRANSCEIVER - FIBER OPTIC | EACH | 2 | | 2 | | |
| 88040070 | SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED | EACH | 6 | | 6 | | |
| * 88040090 | SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED | EACH | 6 | | 6 | | |
| 88040150 | SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED | EACH | 3 | | 3 | | |
| 88040160 | SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED | EACH | 2 | | 2 | | |
| 88040260 | SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3-SECTION, 1-5-SECTION, BRACKET MOUNTED | EACH | 1 | | 1 | | |
| 88040310 | SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 1-3-SECTION, 2-5-SECTION, BRACKET MOUNTED | EACH | 1 | | 1 | | |
| 88102810 | PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED | EACH | 4 | | 4 | | |
| 88102830 | PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED | EACH | 2 | | 2 | | |
| 88200100 | TRAFFIC SIGNAL BACKPLATE | EACH | 8 | | 8 | | |
| 88800100 | PEDESTRIAN PUSH-BUTTON | EACH | 6 | | 6 | | |
| Z0007601 | BUILDING REMOVAL NO. 1 | L SUM | 1 | 1 | | | |
| Z0007603 | BUILDING REMOVAL NO. 3 | L SUM | 1 | 1 | | | |
| Z0007604 | BUILDING REMOVAL NO. 4 | L SUM | 1 | 1 | | | |
| Z0007605 | BUILDING REMOVAL NO. 5 | L SUM | 1 | 1 | | | |
| Z0007607 | BUILDING REMOVAL NO. 7 | L SUM | 1 | 1 | | | |
| Z0007611 | BUILDING REMOVAL NO. 11 | L SUM | 1 | 1 | | | |
| Z0013798 | CONSTRUCTION LAYOUT | L SUM | 1 | 1 | | | |
| Z0023800 | FILLING EXISTING SEPTIC TANK | EACH | 7 | 7 | | | |
| Z0024000 | FILLING EXISTING WELLS - DRILLED | EACH | 1 | 1 | | | |
| Z0038500 | PERMANENT BARRICADES | EACH | 16 | 16 | | | |
| Z0041700 | PLUG EXISTING STORM SEWERS | EACH | 1 | 1 | | | |
| * Z0049901 | REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 1 | L SUM | 1 | 1 | | | |
| * Z0049903 | REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 3 | L SUM | 1 | 1 | | | |
| * Z0049904 | REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 4 | L SUM | 1 | 1 | | | |
| * Z0049905 | REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 5 | L SUM | 1 | 1 | | | |
| * Z0049911 | REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 11 | L SUM | 1 | 1 | | | |
| Z0050900 | REMOVE CONCRETE FOUNDATION | EACH | 1 | 1 | | | |
| M2010110 | TREE REMOVAL (6 TO 15 UNITS DIAMETER) | UNIT | 351 | 351 | | | |
| M2010210 | TREE REMOVAL (OVER 15 UNITS DIAMETER) | UNIT | 1135 | 1135 | | | |
| M2010500 | TREE REMOVAL, HECTARES | HA | 0.1 | 0.1 | | | |
| M2020010 | EARTH EXCAVATION | CU M | 7925 | 7925 | | | |
| MZ036200 | PAINT CURB | METER | 152.8 | 152.8 | | | |
| M2040800 | FURNISHED EXCAVATION | CU M | 55915 | 55915 | | | |

* SPECIALTY ITEMS

| REVISIONS | |
|-----------|------|
| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUMMARY OF QUANTITIES
 FAP 310 (IL 255)
 SECTIONS 60-15-1, 60-15HB-1
 MADISON COUNTY
 DRAWN BY SEB
 CHECKED BY
 DATE

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ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

| | | | | |
|---------------------|--------------------|----------|------------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 6 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS | FED. AID PROJECT | |

SUMMARY OF QUANTITIES

| SUMMARY OF QUANTITIES | | | | CONSTRUCTION TYPE CODE | | | | | | |
|-----------------------|---|-------|------------------|------------------------|---------|---------------|------|--|--|--|
| | | | | URBAN | | | | | | |
| | | | | 100% FEDERAL | | | | | | |
| CODE NO | ITEM | UNIT | TOTAL QUANTITIES | SEC 60-15-1 | | SEC 60-15HB-1 | | | | |
| | | | | J000-2A | Y031-1F | X271-2A | | | | |
| M2080150 | TRENCH BACKFILL | CU M | 31 | 31 | | | | | | |
| M2500200 | SEEDING, CLASS 2 | HA | 3.3 | 3.3 | | | | | | |
| M2500400 | NITROGEN FERTILIZER NUTRIENT | KG | 334 | 334 | | | | | | |
| M2500500 | PHOSPHORUS FERTILIZER NUTRIENT | KG | 334 | 334 | | | | | | |
| M2500600 | POTASSIUM FERTILIZER NUTRIENT | KG | 334 | 334 | | | | | | |
| M2510115 | MULCH, METHOD 2 | HA | 3.3 | 3.3 | | | | | | |
| M2510630 | EROSION CONTROL BLANKET | SQ M | 6160 | 6160 | | | | | | |
| M2800200 | EARTH EXCAVATION FOR EROSION CONTROL | CU M | 8 | 8 | | | | | | |
| M2800250 | TEMPORARY EROSION CONTROL SEEDING | KG | 734 | 734 | | | | | | |
| M2800400 | PERIMETER EROSION BARRIER | METER | 1058 | 1058 | | | | | | |
| M2810105 | STONE RIPRAP, CLASS A3 | SQ M | 297 | | | | 297 | | | |
| M2810707 | STONE DUMPED RIPRAP, CLASS A4 | SQ M | 77 | 77 | | | | | | |
| M2820200 | FILTER FABRIC | SQ M | 374 | 77 | | | 297 | | | |
| M3020456 | PROCESSING MODIFIED SOIL 300MM | SQ M | 4668 | 4668 | | | | | | |
| M3021500 | LIME | M TON | 96.1 | 96.1 | | | | | | |
| M3112010 | SUB-BASE GRANULAR MATERIAL, TYPE C | M TON | 76 | 76 | | | | | | |
| M3511010 | AGGREGATE BASE COURSE, TYPE B | M TON | 4358 | 4358 | | | | | | |
| M3560530 | HOT-MIX ASPHALT BASE COURSE WIDENING, 230MM | SQ M | 372 | 372 | | | | | | |
| M4021010 | AGGREGATE SURFACE COURSE, TYPE B | M TON | 124 | 124 | | | | | | |
| M4021200 | AGGREGATE FOR TEMPORARY ACCESS | M TON | 30 | 30 | | | | | | |
| M4060200 | BITUMINOUS MATERIALS (PRIME COAT) | M TON | 3.8 | 3.8 | | | | | | |
| M4060300 | AGGREGATE (PRIME COAT) | M TON | 9 | 9 | | | | | | |
| M4063085 | HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 | M TON | 313 | 313 | | | | | | |
| M4063315 | HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70 | M TON | 158 | 158 | | | | | | |
| M4075280 | HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 280MM | SQ M | 2325 | 2325 | | | | | | |
| M4080500 | INCIDENTAL HOT-MIX ASPHALT SURFACING | M TON | 53 | 53 | | | | | | |
| M4202235 | PORTLAND CEMENT CONCRETE PAVEMENT 230MM (JOINTED) | SQ M | 9726 | 9726 | | | | | | |
| M4205200 | PROTECTIVE COAT | SQ M | 16007 | 14029 | | | 1978 | | | |
| M4230150 | PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 150MM | SQ M | 274 | 274 | | | | | | |
| M4240100 | PORTLAND CEMENT CONCRETE SIDEWALK 100MM | SQ M | 284.5 | 284.5 | | | | | | |
| M4248000 | DETECTABLE WARNINGS | SQ M | 11.3 | 11.3 | | | | | | |
| M4402000 | PAVEMENT REMOVAL | SQ M | 6305 | 6305 | | | | | | |
| M4402010 | DRIVEWAY PAVEMENT REMOVAL | SQ M | 1248 | 1248 | | | | | | |
| M4402040 | COMBINATION CURB AND GUTTER REMOVAL | METER | 1173 | 1173 | | | | | | |
| M4402050 | SIDEWALK REMOVAL | SQ M | 120 | 120 | | | | | | |
| M4402390 | ISLAND REMOVAL | SQ M | 30 | 30 | | | | | | |
| M4402420 | MEDIAN REMOVAL | SQ M | 1404 | 1404 | | | | | | |

| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES FAP 310 (IL 255) SECTIONS 60-15-1, 60-15HB-1 MADISON COUNTY DRAWN BY SEB CHECKED BY |
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| NAME | DATE | |
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ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

| | | | | |
|---------------------|--------------------|---------------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 7 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |

| SUMMARY OF QUANTITIES | | | | CONSTRUCTION TYPE CODE | | | | | | |
|-----------------------|---|-------|------------------|------------------------|---------|---------------|--|--|--|--|
| CODE NO | ITEM | UNIT | TOTAL QUANTITIES | URBAN 100% FEDERAL | | | | | | |
| | | | | SEC 60-15-1 | | SEC 60-15HB-1 | | | | |
| | | | | J000 - 2A | Y031-1F | X271-2A | | | | |
| M4402530 | PAVED SHOULDER REMOVAL | SQ M | 1708 | 1708 | | | | | | |
| M4820550 | HOT-MIX ASPHALT SHOULDERS, 150MM | SQ M | 1115 | 1115 | | | | | | |
| M4820600 | HOT-MIX ASPHALT SHOULDERS, 200MM | SQ M | 1766 | 1766 | | | | | | |
| M4830230 | PORTLAND CEMENT CONCRETE SHOULDERS - 230MM | SQ M | 149 | 149 | | | | | | |
| M5010521 | REMOVE EXISTING CULVERTS | METER | 51 | 51 | | | | | | |
| M5020100 | STRUCTURE EXCAVATION | CU M | 889 | | | 889 | | | | |
| M5030290 | FORM LINER TEXTURED SURFACE | SQ M | 388 | | | 388 | | | | |
| M5030350 | CONCRETE STRUCTURES | CU M | 430.7 | | | 430.7 | | | | |
| M5030360 | CONCRETE SUPERSTRUCTURE | CU M | 490.0 | | | 490.0 | | | | |
| M5030390 | BRIDGE DECK GROOVING | SQ M | 1674 | | | 1674 | | | | |
| M5040914 | FURNISHING AND ERECTING PRECAST PRESTRESSED CONCRETE I-BEAMS, 914MM. | METER | 233.7 | | | 233.7 | | | | |
| M5080105 | REINFORCEMENT BARS | KG | 140 | 140 | | | | | | |
| M5080205 | REINFORCEMENT BARS, EPOXY COATED | KG | 95230 | | | 95230 | | | | |
| M5090540 | PIPE HANDRAIL | METER | 2.6 | 2.6 | | | | | | |
| M5110400 | SLOPE WALL (SPECIAL) | SQ M | 865 | | | 865 | | | | |
| M5120176 | FURNISHING METAL SHELL PILES 356MM X 6.35MM | METER | 2000.5 | | | 2000.5 | | | | |
| M5120335 | DRIVING PILES | METER | 2000.5 | | | 2000.5 | | | | |
| M5200225 | PREFORMED JOINT STRIP SEAL | METER | 54.0 | | | 54.0 | | | | |
| M5403220 | EXPANSION BOLTS M20 | EACH | 8 | 8 | | | | | | |
| M542C528 | REINFORCED CONCRETE PIPE TEE, 600MM PIPE WITH 600MM RISER | EACH | 1 | 1 | | | | | | |
| M542E112 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 300MM | EACH | 1 | 1 | | | | | | |
| M542E128 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 600MM | EACH | 1 | 1 | | | | | | |
| M542E136 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 750MM | EACH | 1 | 1 | | | | | | |
| M5421410 | PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 300MM | METER | 93.5 | 93.5 | | | | | | |
| M5423425 | PIPE CULVERTS, TYPE 2 RCCP 600MM | METER | 24.5 | 24.5 | | | | | | |
| M5429910 | CONCRETE COLLAR | CU M | 2.8 | 2.8 | | | | | | |
| M5502840 | STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 300MM | METER | 63.5 | 63.5 | | | | | | |
| M5502900 | STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 750MM | METER | 6.5 | 6.5 | | | | | | |
| M5510025 | STORM SEWER REMOVAL 300MM | METER | 26.4 | 26.4 | | | | | | |
| M5510060 | STORM SEWER REMOVAL 600MM | METER | 1.8 | 1.8 | | | | | | |
| M5870300 | CONCRETE SEALER | SQ M | 40 | | | 40 | | | | |
| M5930100 | CONTROLLED LOW-STRENGTH MATERIAL | CU M | 1.2 | 1.2 | | | | | | |
| M6021410 | MANHOLES, TYPE A, 1.2M DIAMETER, TYPE 1 FRAME, CLOSED LID | EACH | 4 | 4 | | | | | | |
| M6021665 | MANHOLES, TYPE A, 1.5M DIAMETER, TYPE 15 FRAME AND LID | EACH | 1 | 1 | | | | | | |
| M6021711 | MANHOLES, TYPE A, 1.5M DIAMETER, WITH MEDIAN INLET (604101) | EACH | 1 | 1 | | | | | | |
| M6060700 | COMBINATION CONCRETE CURB AND GUTTER, TYPE B-15.60 | METER | 1246.4 | 1246.4 | | | | | | |
| M6062100 | COMBINATION CONCRETE CURB AND GUTTER, TYPE M-15.15 | METER | 22.4 | 22.4 | | | | | | |

| REVISIONS | |
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| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUMMARY OF QUANTITIES
 FAP 310 (IL 255)
 SECTIONS 60-15-1, 60-15HB-1
 MADISON COUNTY
 DRAWN BY SEB
 CHECKED BY
 DATE

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ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

| | | | | |
|---------------------|--------------------|---------------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 8 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |

| SUMMARY OF QUANTITIES | | | | CONSTRUCTION TYPE CODE | | | |
|-----------------------|--|-------|------------------|------------------------|---------|---------------|--|
| CODE NO | ITEM | UNIT | TOTAL QUANTITIES | URBAN 100% FEDERAL | | | |
| | | | | SEC 60-15-1 | | SEC 60-15HB-1 | |
| | | | | J000-2A | Y031-1F | X271-2A | |
| M6062400 | COMBINATION CONCRETE CURB AND GUTTER, TYPE M-15.60 | METER | 41.7 | 41.7 | | | |
| M6063600 | CONCRETE MEDIAN SURFACE, 100MM | SQ M | 71 | 71 | | | |
| M6063800 | CONCRETE MEDIAN, TYPE SB | SQ M | 1357 | 1357 | | | |
| M6066000 | CORRUGATED MEDIAN | SQ M | 1159 | 1159 | | | |
| M7030100 | SHORT-TERM PAVEMENT MARKING | METER | 170 | 170 | | | |
| M7030210 | TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS | SQ M | 9 | 9 | | | |
| M7030220 | TEMPORARY PAVEMENT MARKING - LINE 100MM | METER | 5979 | 5979 | | | |
| M7030250 | TEMPORARY PAVEMENT MARKING - LINE 200MM | METER | 192 | 192 | | | |
| M7030260 | TEMPORARY PAVEMENT MARKING - LINE 300MM | METER | 111 | 111 | | | |
| M7030280 | TEMPORARY PAVEMENT MARKING - LINE 600MM | METER | 27 | 27 | | | |
| M7031000 | WORK ZONE PAVEMENT MARKING REMOVAL | SQ M | 690.9 | 690.9 | | | |
| M7200100 | SIGN PANEL - TYPE 1 | SQ M | 7.2 | 7.2 | | | |
| M7280100 | TELESCOPING STEEL SIGN SUPPORT | METER | 43.6 | 43.6 | | | |
| M7800205 | PAINT PAVEMENT MARKING - LINE 100MM | METER | 1469 | 1469 | | | |
| M7800220 | PAINT PAVEMENT MARKING - LINE 200MM | METER | 192 | 192 | | | |
| M7800225 | PAINT PAVEMENT MARKING - LINE 300MM | METER | 81 | 81 | | | |
| M7800240 | PAINT PAVEMENT MARKING - LINE 600MM | METER | 11 | 11 | | | |
| M7800600 | EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS | SQ M | 9 | 9 | | | |
| M7800605 | EPOXY PAVEMENT MARKING - LINE 100MM | METER | 4510 | 4510 | | | |
| M7800625 | EPOXY PAVEMENT MARKING - LINE 300MM | METER | 30 | 30 | | | |
| M7800640 | EPOXY PAVEMENT MARKING - LINE 600MM | METER | 16 | 16 | | | |
| M7830100 | PAVEMENT MARKING REMOVAL | SQ M | 185.7 | 185.7 | | | |
| M8030010 | LOCATING UNDERGROUND CABLE | METER | 122 | | 122 | | |
| M8100250 | CONDUIT IN TRENCH, 40MM DIA., PVC | METER | 66.5 | | 66.5 | | |
| M8100260 | CONDUIT IN TRENCH, 50MM DIA., PVC | METER | 183.5 | | 183.5 | | |
| M8100270 | CONDUIT IN TRENCH, 65MM DIA., PVC | METER | 64.5 | | 64.5 | | |
| M8100280 | CONDUIT IN TRENCH, 75MM DIA., PVC | METER | 131.0 | | 131.0 | | |
| M8100300 | CONDUIT IN TRENCH, 100MM DIA., PVC | METER | 9.0 | | 9.0 | | |
| M8101070 | CONDUIT PUSHED, 75MM DIA., GALVANIZED STEEL | METER | 33.5 | | 33.5 | | |
| M8190200 | TRENCH AND BACKFILL FOR ELECTRICAL WORK | METER | 454.5 | | 454.5 | | |
| M8710010 | FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, 4F | METER | 250 | | 250 | | |
| M8731210 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C | METER | 226 | | 226 | | |
| M8731220 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C | METER | 311 | | 311 | | |
| M8731240 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C | METER | 785 | | 785 | | |
| M8731250 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C | METER | 290 | | 290 | | |
| M8731710 | ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 6 PAIR | METER | 368 | | 368 | | |
| M8731800 | ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C | METER | 53 | | 53 | | |
| M8750060 | TRAFFIC SIGNAL POST, 3.35 METER | EACH | 3 | | 3 | | |

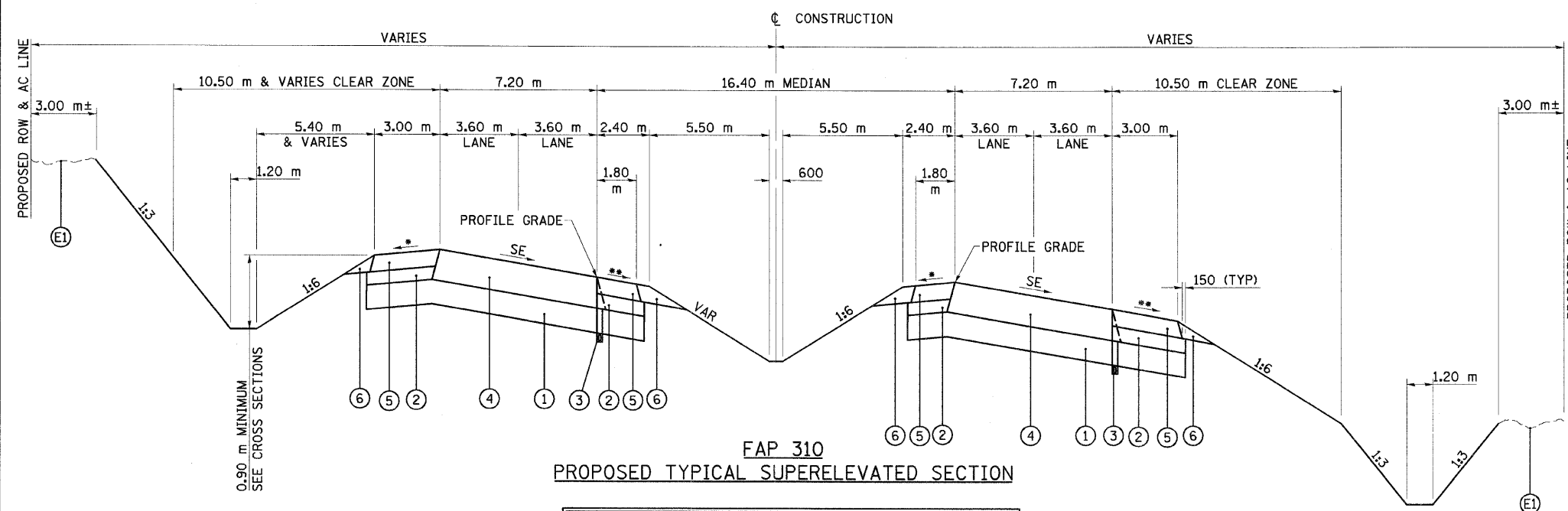
*SPECIALTY ITEMS

| REVISIONS | |
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| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUMMARY OF QUANTITIES
 FAP 310 (IL 255)
 SECTIONS 60-15-1, 60-15HB-1
 MADISON COUNTY
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|---------------------|--------------------|------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 10 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |
| CONTRACT NO. 76635 | | | | |



FAP 310
PROPOSED TYPICAL SUPERELEVATED SECTION

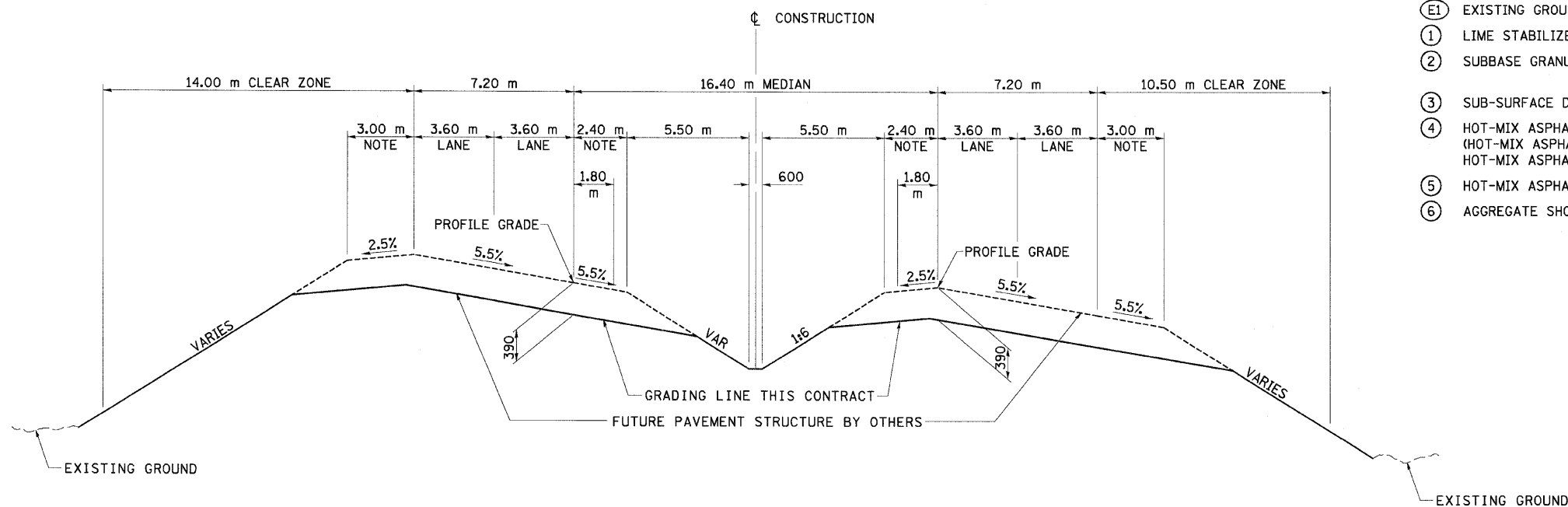
**FOR INFORMATION ONLY
GRADING ONLY THIS CONTRACT**

NOTE: WHERE GUARDRAIL IS TO BE INSTALLED,
INCREASE SHOULDER WIDTH BY 1.0 m

- 4% AND VARIES, 8% MAXIMUM BREAKOVER
- 4% OR SE, WHICHEVER IS GREATER

PROPOSED LEGEND

- Ⓔ EXISTING GROUND
- ① LIME STABILIZED SOIL MIXTURE 300 mm
- ② SUBBASE GRANULAR MATERIAL, TYPE C, VARIABLE DEPTH (100 mm MINIMUM)
- ③ SUB-SURFACE DRAIN, STD 601001
- ④ HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 390 mm
(HOT-MIX ASPHALT BINDER COURSE, 340 mm;
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 50 mm)
- ⑤ HOT-MIX ASPHALT SHOULDERS, 200 mm
- ⑥ AGGREGATE SHOULDER, TYPE B, 200 mm



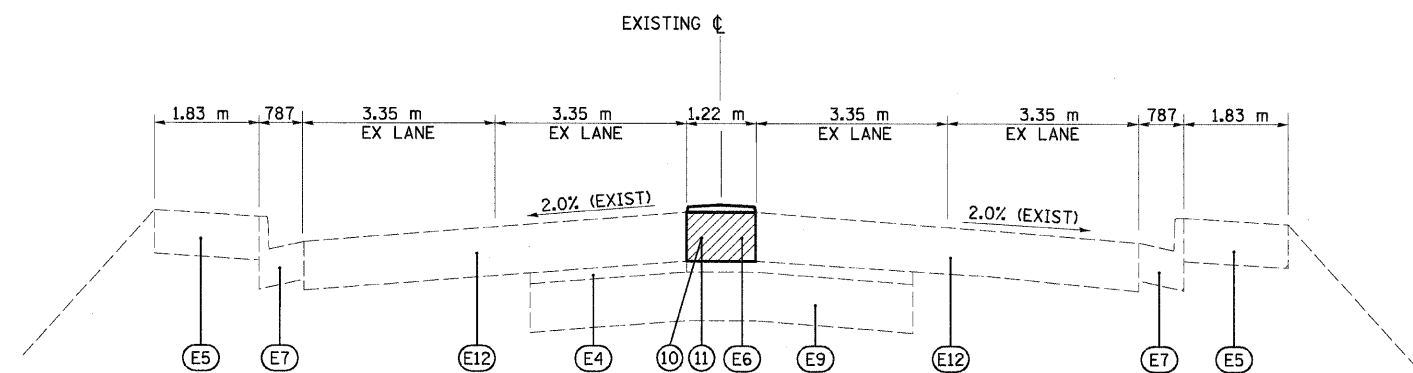
FAP 310
PROPOSED TYPICAL SUPERELEVATED SECTION

| CURVE NO 3 (RIGHT) | | | |
|----------------------------------|-----|---------|--------|
| STA 38+734.000 TO STA 38+799.543 | NBL | FULL SE | (5.5%) |
| STA 38+734.000 TO STA 38+798.090 | SBL | FULL SE | (5.5%) |
| STA 38+799.543 TO STA 38+866.019 | NBL | BRIDGE | |
| STA 38+798.090 TO STA 38+863.159 | SBL | BRIDGE | |
| STA 38+866.019 TO STA 38+939.650 | NBL | FULL SE | (5.5%) |
| STA 38+863.159 TO STA 38+939.650 | SBL | FULL SE | (5.5%) |

| REVISIONS | |
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| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
FAP 310 (IL 255)
SECTIONS 60-15-1, 60-15HB-1
MADISON COUNTY
DRAWN BY
CHECKED BY
DATE

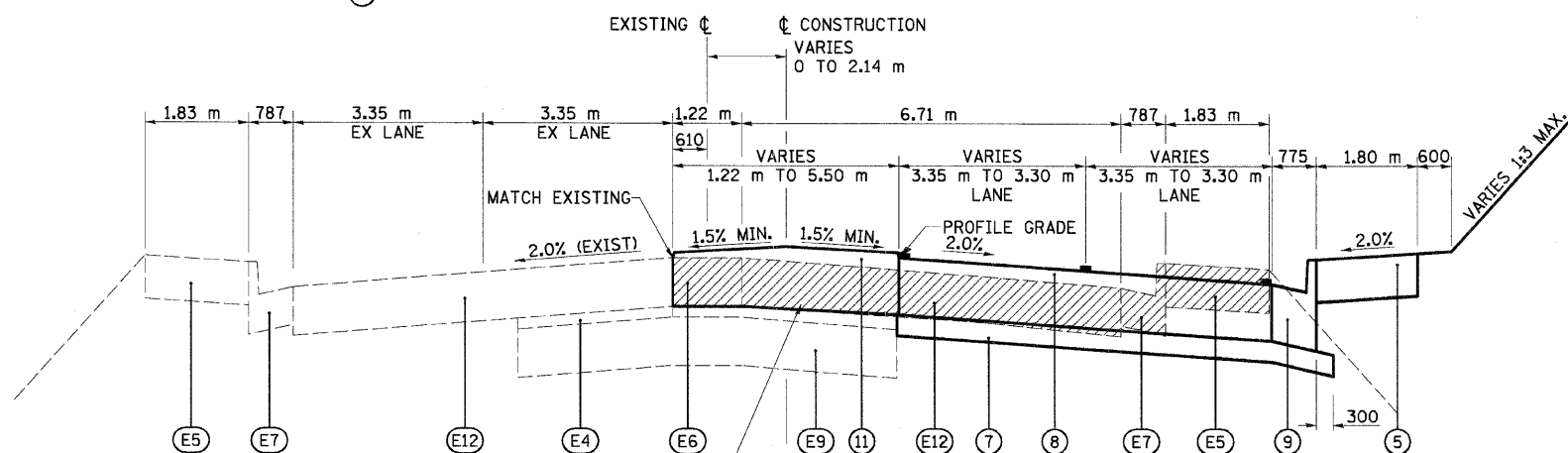
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|---------------------|--------------------|---------------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 11 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76635 | | | | |



**TYPICAL SECTION
C.H. 4 (HUMBERT ROAD)**

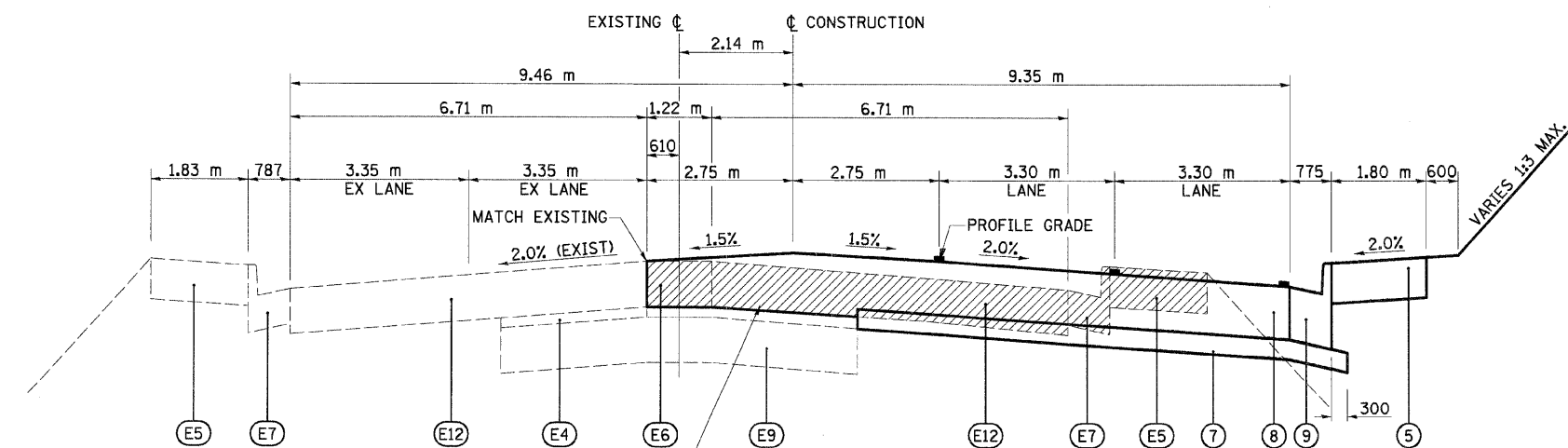
- STAGE 1: REMOVE (E6)
CONSTRUCT (10)
- STAGE 2: REMOVE (10)
CONSTRUCT (11)

STA 19+415.000 TO STA 19+605.000
STA 20+465.000 TO STA 20+585.000



**TYPICAL SECTION
C.H. 4 (HUMBERT ROAD)**

STA 19+605.000 TO STA 19+735.000
STA 20+393.000 TO STA 20+465.000



**TYPICAL SECTION
C.H. 4 (HUMBERT ROAD)**

STA 19+735.000 TO STA 19+763.868
STA 19+906.205 TO STA 19+929.400
STA 20+070.600 TO STA 20+098.392
STA 20+242.666 TO STA 20+292.388

LEGEND

- (E4) EXISTING HOT-MIX ASPHALT SURFACE COURSE
- (E5) EXISTING HOT-MIX ASPHALT SHOULDER
- (E6) EXISTING CORRUGATED CONCRETE MEDIAN
- (E7) EXISTING CURB AND GUTTER
- (E9) EXISTING CEMENT AGGREGATE BASE
- (E12) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 229 mm
- (5) HOT-MIX ASPHALT SHOULDERS, 200 mm
- (7) AGGREGATE BASE COURSE, TYPE B, 100 mm
- (8) PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED) - STD 420601, 230 mm
- (9) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-15.60
- (10) HOT-MIX ASPHALT BASE COURSE WIDENING, 230 mm
- (11) CORRUGATED MEDIAN

C.H. 4 (HUMBERT ROAD)

| | |
|--|--------------------------------------|
| STRUCTURAL DESIGN TRAFFIC: | YEAR 2014 |
| PV = 12587 | SU = 319 MU = 399 |
| ROAD/STREET CLASSIFICATION: | CLASS I |
| PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE: | |
| P = 32% | S = 45% M = 45% |
| TRAFFIC FACTOR: | ACTUAL TF = 2.93 MINIMUM TF = N/A |
| PCC THICKNESS: | 230 mm |
| SUBGRADE SUPPORT RATING: | SSR = POOR (ENTIRE PROJECT LENGTH) |

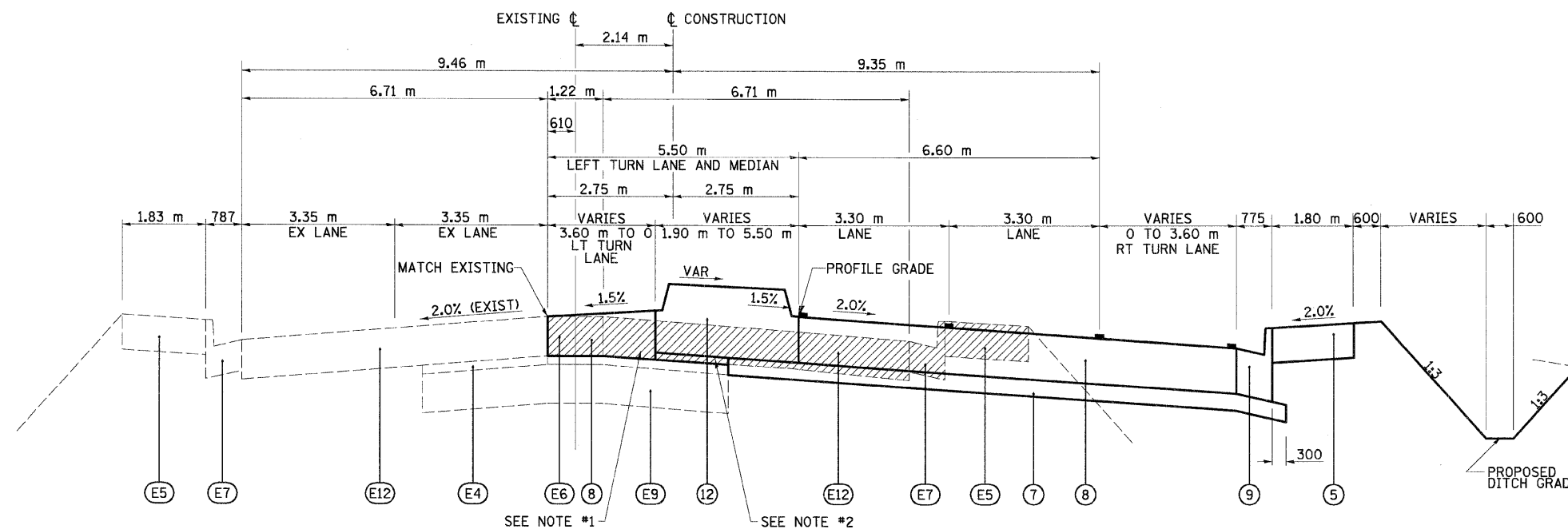
NOTES:

1. ADDITIONAL THICKNESS REQUIRED. COST INCLUDED IN PROPOSED PAVEMENT / MEDIAN
2. ■ DENOTES PAVEMENT MARKING (SEE PAVEMENT MARKING PLAN SHEETS)

| REVISIONS | |
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| NAME | DATE |
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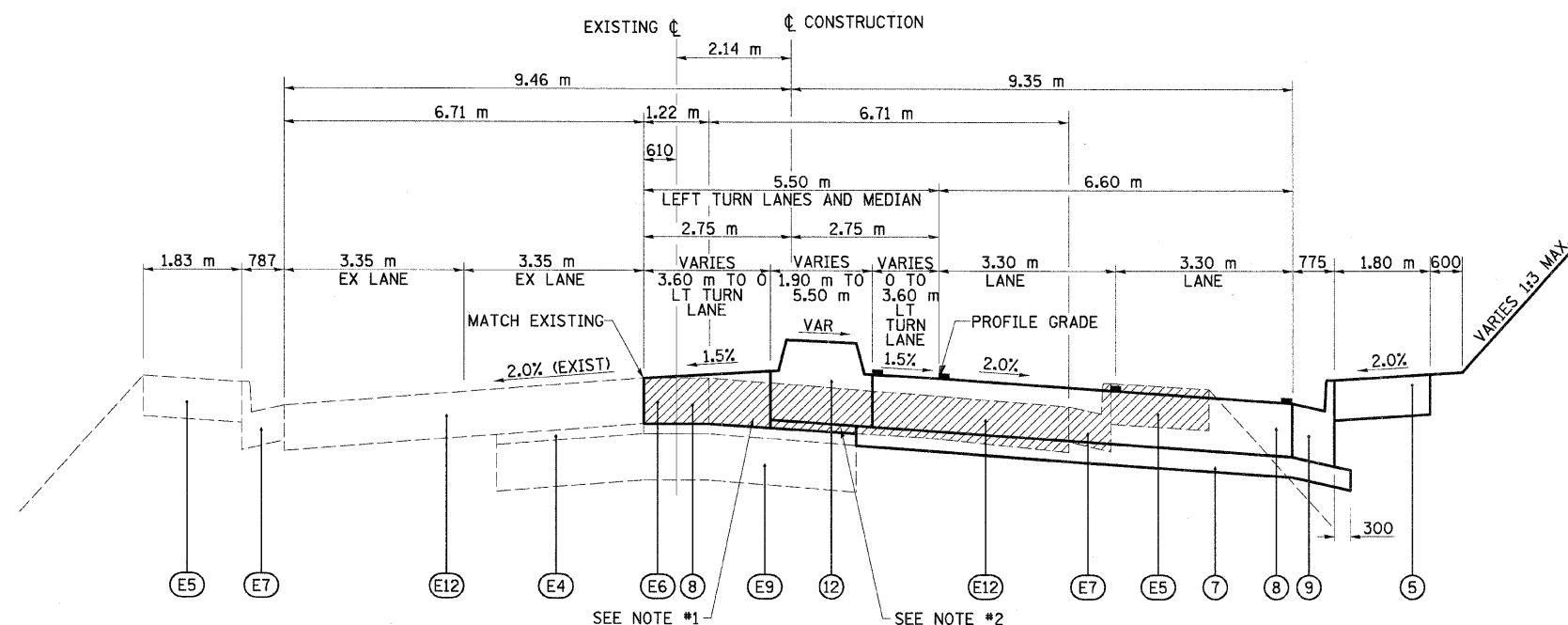
ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
FAP 310 (IL 255)
SECTIONS 60-15-1, 60-15HB-1
MADISON COUNTY
DRAWN BY
DATE
CHECKED BY

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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 12 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76635 | | | | |

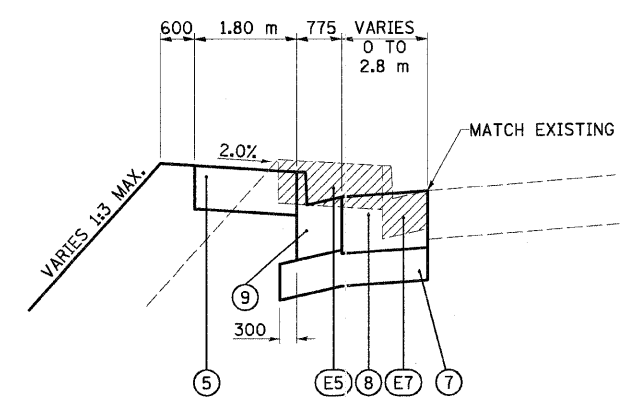


TYPICAL SECTION
C.H. 4 (HUMBERT ROAD)
 STA 19+763.868 TO STA 19+885.553

- LEGEND**
- (E4) EXISTING HOT-MIX ASPHALT SURFACE COURSE
 - (E5) EXISTING HOT-MIX ASPHALT SHOULDER
 - (E6) EXISTING CORRUGATED CONCRETE MEDIAN
 - (E7) EXISTING CURB AND GUTTER
 - (E9) EXISTING CEMENT AGGREGATE BASE
 - (E12) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 229 mm
 - (5) HOT-MIX ASPHALT SHOULDERS, 200 mm
 - (7) AGGREGATE BASE COURSE, TYPE B, 100 mm
 - (8) PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED) - STD 420601, 230 mm
 - (9) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-15.60
 - (12) CONCRETE MEDIAN, SB-15 SPECIAL (SEE DETAILS)



TYPICAL SECTION
C.H. 4 (HUMBERT ROAD)
 STA 19+885.553 TO STA 19+906.205
 STA 19+929.400 TO STA 20+070.600
 STA 20+098.392 TO STA 20+242.666
 STA 20+292.388 TO STA 20+335.920



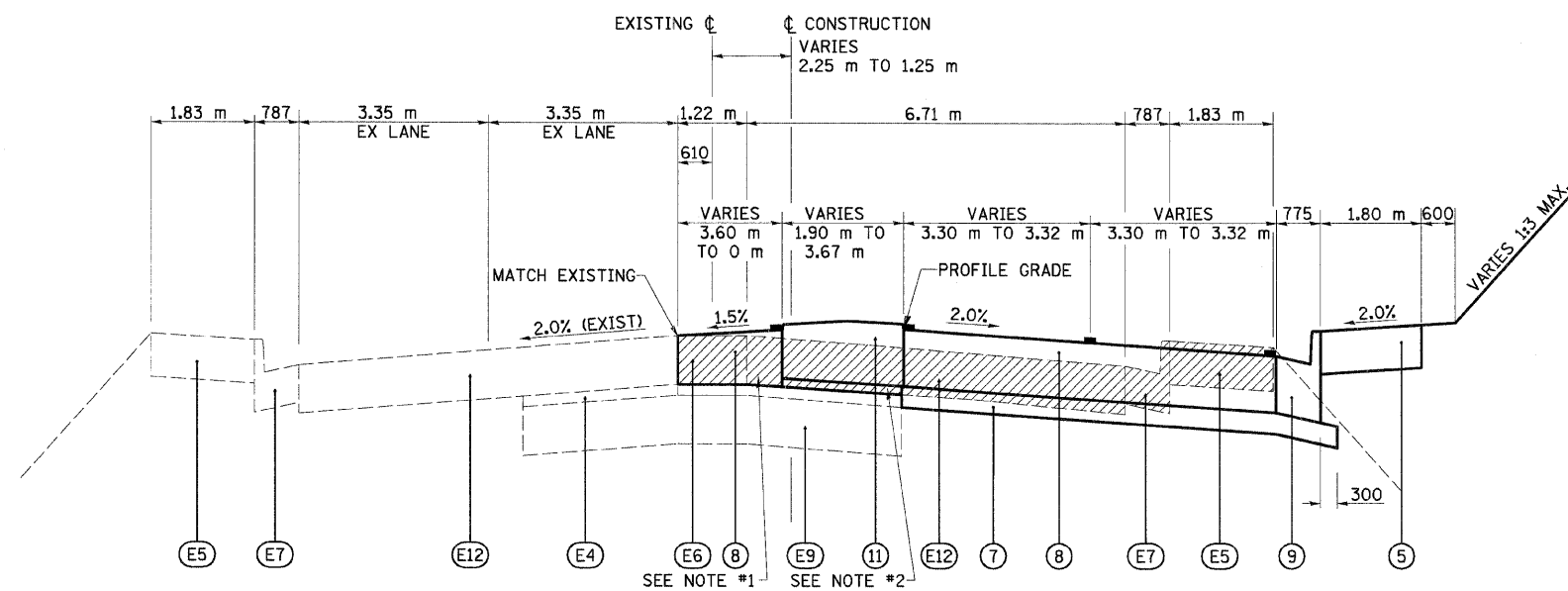
LEFT SIDE
C.H. 4 (HUMBERT ROAD)
 STA 20+035.361 TO STA 20+092.047

- NOTES:**
- ADDITIONAL THICKNESS REQUIRED. COST INCLUDED IN PCC PAVEMENT.
 - CORRUGATED MEDIAN OR AGG BASE SCOURSE, TY B, COST INCLUDED IN CORRUGATED MEDIAN.
 - DENOTES PAVEMENT MARKING (SEE PAVEMENT MARKING PLAN SHEETS)

| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION TYPICAL SECTIONS FAP 310 (IL 255) SECTIONS 60-15-1, 60-15HB-1 MADISON COUNTY DRAWN BY CHECKED BY DATE |
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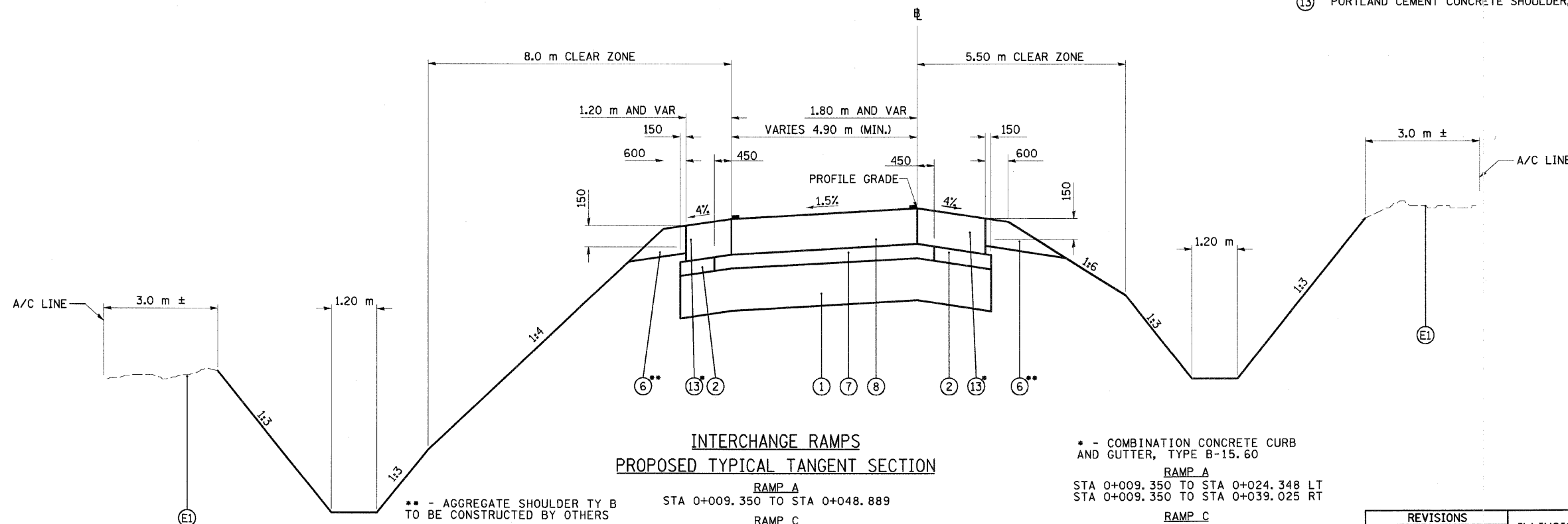
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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 13 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |
| CONTRACT NO. 76635 | | | | |



TYPICAL SECTION
C.H. 4 (HUMBERT ROAD)
 STA 20+335.920 TO STA 20+393.000

LEGEND

- (E1) EXISTING GROUND
- (E4) EXISTING HOT-MIX ASPHALT SURFACE COURSE
- (E5) EXISTING HOT-MIX ASPHALT SHOULDER
- (E6) EXISTING CORRUGATED CONCRETE MEDIAN
- (E7) EXISTING CURB AND GUTTER
- (E9) EXISTING CEMENT AGGREGATE BASE
- (E12) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 229 mm
- (1) LIME STABILIZED SOIL MIXTURE 300 mm
- (2) SUBBASE GRANULAR MATERIAL, TYPE C, OR UNDISTURBED SUBGRADE
- (5) HOT-MIX ASPHALT SHOULDERS, 200 mm
- (6) AGGREGATE SHOULDER, TYPE B, 200 mm
- (7) AGGREGATE BASE COURSE, TYPE B, 100 mm
- (8) PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED) - STD 420601, 230 mm
- (9) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-15.60
- (11) CORRUGATED MEDIAN
- (13) PORTLAND CEMENT CONCRETE SHOULDER, 230 mm



INTERCHANGE RAMP
PROPOSED TYPICAL TANGENT SECTION

RAMP A
 STA 0+009.350 TO STA 0+048.889
RAMP C
 STA 0+009.550 TO STA 0+043.131 (-1.5% CROSS SLOPE)
RAMP D
 STA 0+378.864 TO STA 0+409.050

• - COMBINATION CONCRETE CURB AND GUTTER, TYPE B-15.60

RAMP A
 STA 0+009.350 TO STA 0+024.348 LT
 STA 0+009.350 TO STA 0+039.025 RT

RAMP C
 STA 0+009.550 TO STA 0+027.658 LT
 STA 0+009.550 TO STA 0+033.267 RT

RAMP D
 STA 0+388.727 TO STA 0+409.050 LT & RT

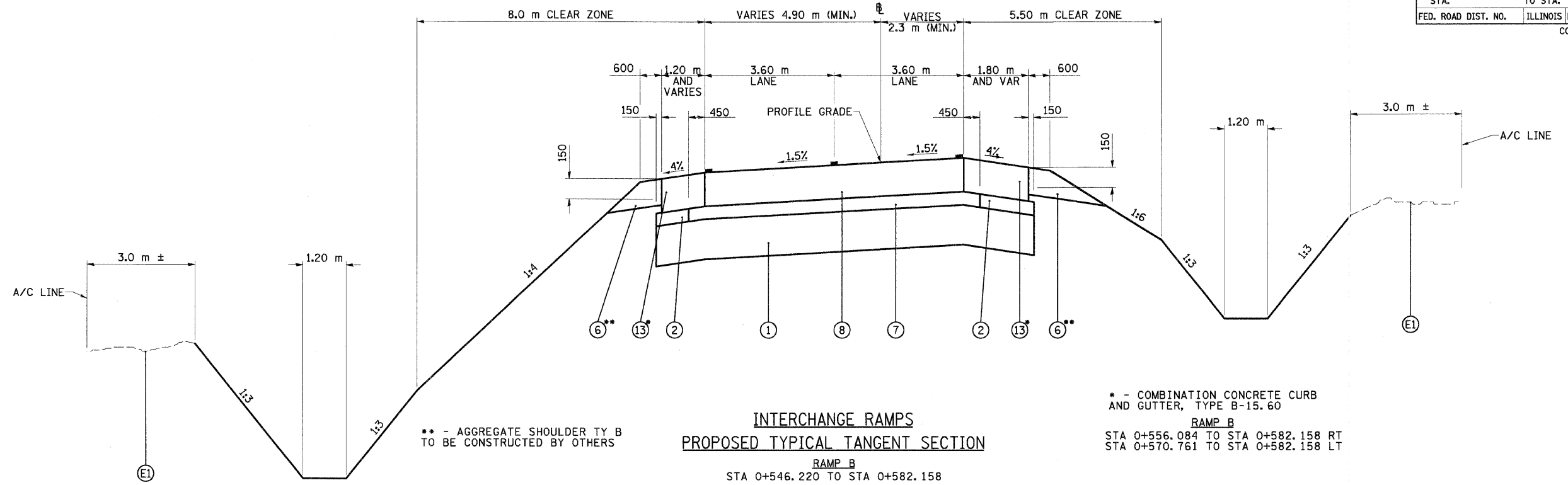
NOTES:

1. ADDITIONAL THICKNESS REQUIRED. COST INCLUDED IN PCC PAVEMENT.
2. CORRUGATED MEDIAN OR AGG BASE SCOURSE, TY B, COST INCLUDED IN CORRUGATED MEDIAN.
3. ■ DENOTES PAVEMENT MARKING (SEE PAVEMENT MARKING PLAN SHEETS)

| REVISIONS | |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
 TYPICAL SECTIONS
 FAP 310 (IL 255)
 SECTIONS 60-15-1, 60-15HB-1
 MADISON COUNTY
 DRAWN BY
 CHECKED BY
 DATE

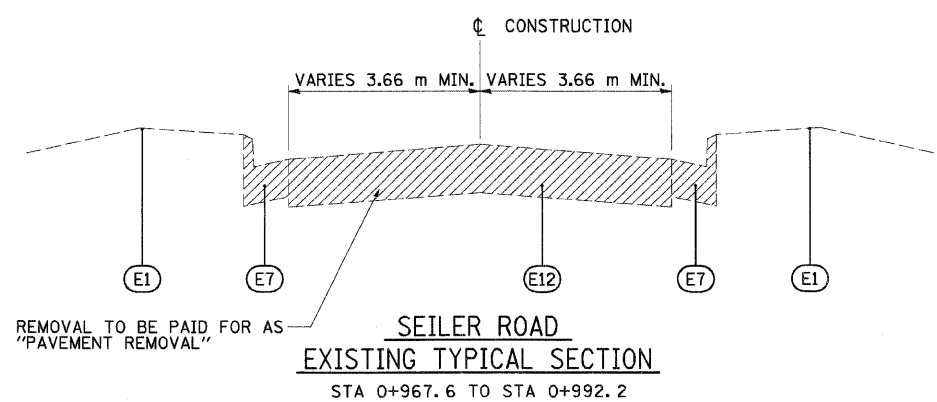
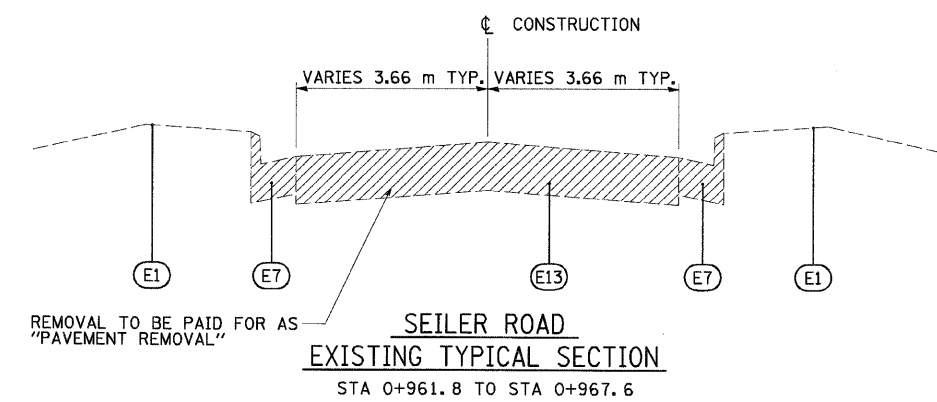
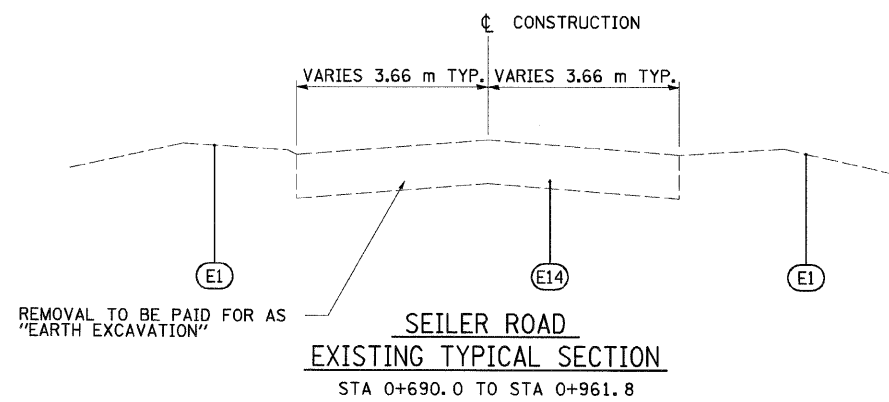
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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 14 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76635 | | | | |



** - AGGREGATE SHOULDER TY B TO BE CONSTRUCTED BY OTHERS

LEGEND

- (E1) EXISTING GROUND
- (E12) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 229 mm
- (E13) EXISTING INCIDENTAL HOT-MIX ASPHALT, 229 mm TYP.
- (E14) EXISTING CRUSHED STONE BASE, 203 mm WITH ASPHALT & CHIPPED SURFACE
- (1) LIME STABILIZED SOIL MIXTURE 300 mm
- (2) SUBBASE GRANULAR MATERIAL, TYPE C, OR UNDISTURBED SUBGRADE
- (6) AGGREGATE SHOULDER, TYPE B, 200 mm
- (7) AGGREGATE BASE COURSE, TYPE B, 100 mm
- (8) PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED) - STD 420601, 230 mm
- (13) PORTLAND CEMENT CONCRETE SHOULDER, 230 mm
- (14) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 280 mm
(HOT-MIX ASPHALT BINDER COURSE, 240 mm;
HOT-MIX ASPHALT SURFACE COURSE, MIX C, N70, 40 mm)



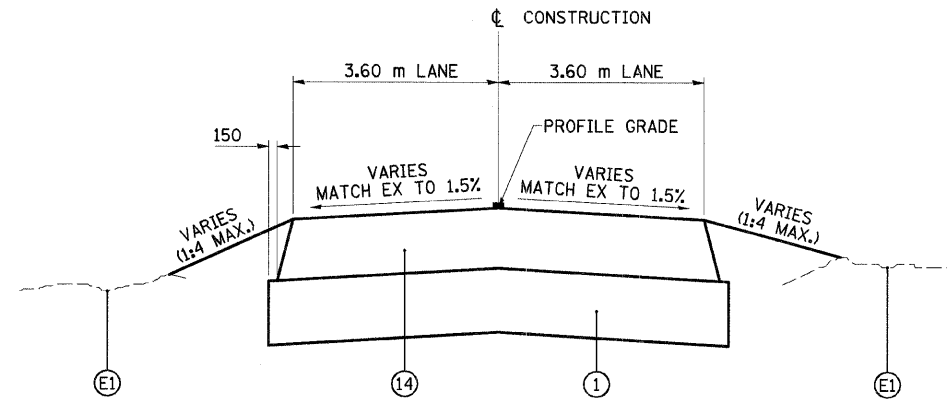
NOTES:

- ADDITIONAL THICKNESS REQUIRED. COST SHALL BE INCIDENTAL.
- DENOTES PAVEMENT MARKING (SEE PAVEMENT MARKING PLAN SHEETS)

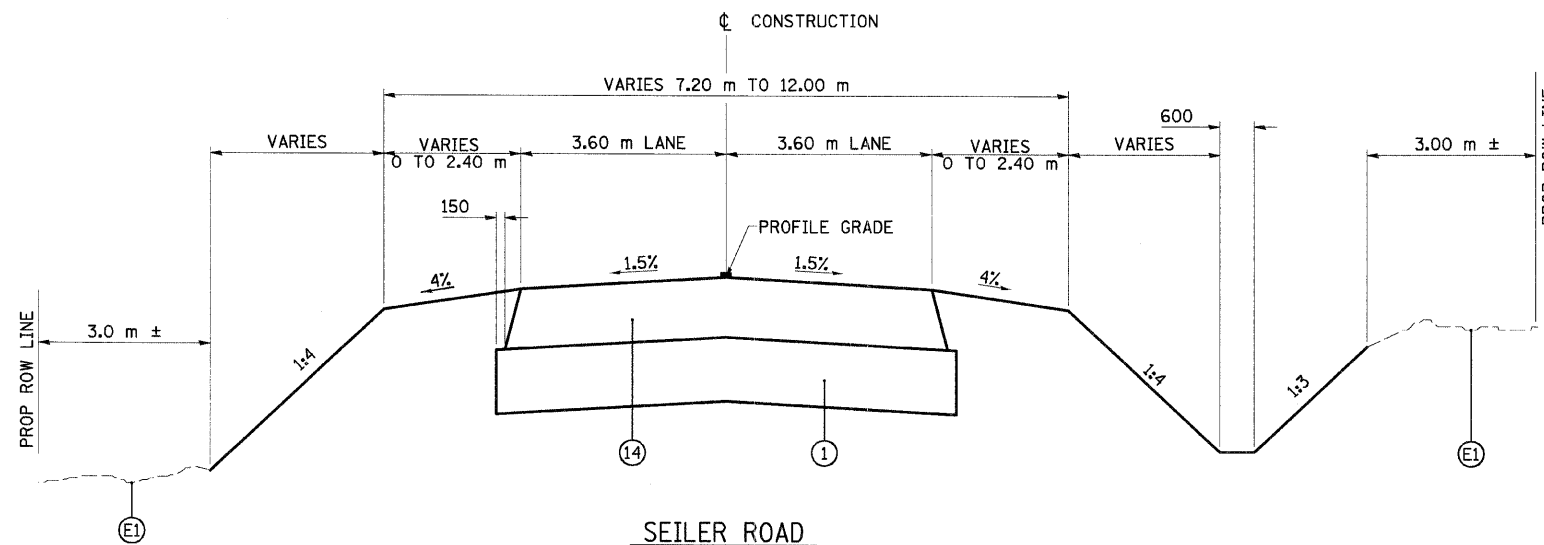
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ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
FAP 310 (IL 255)
SECTIONS 60-15-1, 60-15HB-1
MADISON COUNTY
DRAWN BY
CHECKED BY
DATE

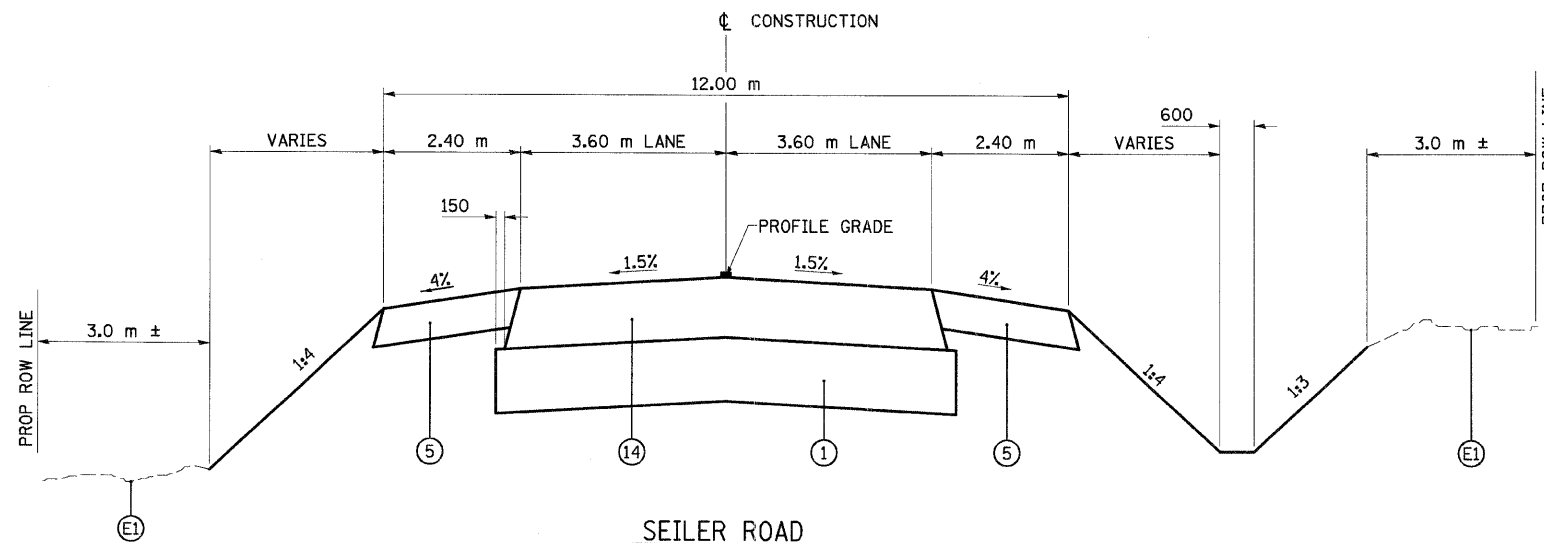
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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 15 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |
| CONTRACT NO. 76635 | | | | |



SEILER ROAD
PROPOSED TYPICAL TANGENT SECTION
STA 0+690.000 TO STA 0+705.000



SEILER ROAD
PROPOSED TYPICAL TANGENT SECTION
STA 0+705.000 TO STA 0+745.000



SEILER ROAD
PROPOSED TYPICAL TANGENT SECTION
STA 0+745.000 TO STA 0+990.575

LEGEND

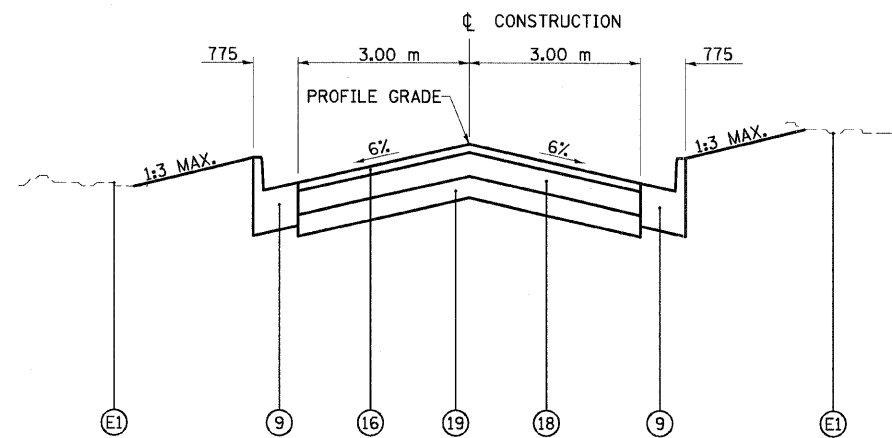
- Ⓔ EXISTING GROUND
- ① LIME STABILIZED SOIL MIXTURE 300 mm
- ⑭ HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 280 mm
(HOT-MIX ASPHALT BINDER COURSE, 240 mm;
HOT-MIX ASPHALT SURFACE COURSE, MIX C, N70, 40 mm)
- ⑮ HOT-MIX ASPHALT SHOULDER, 150 mm

NOTES:
1. ADDITIONAL THICKNESS REQUIRED. COST SHALL BE INCIDENTAL.
2. ■ DENOTES PAVEMENT MARKING (SEE PAVEMENT MARKING PLAN SHEETS)

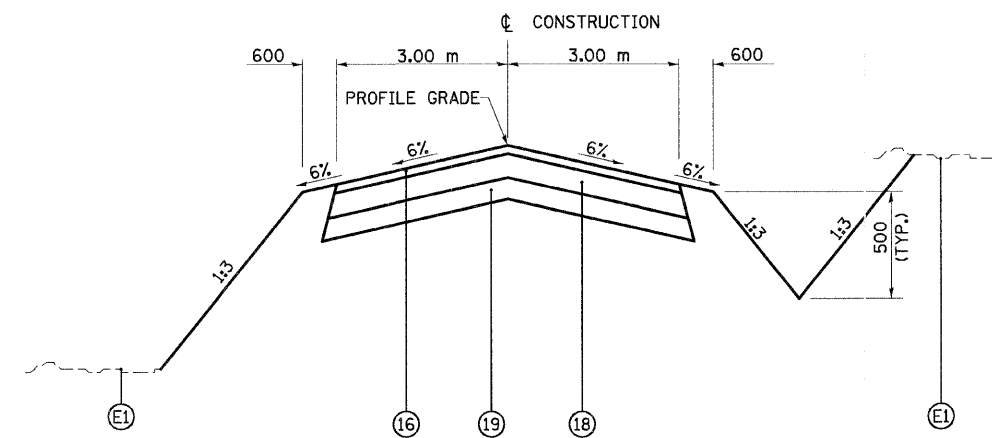
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ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
FAP 310 (IL 255)
SECTIONS 60-15-1, 60-15HB-1
MADISON COUNTY
DRAWN BY
CHECKED BY
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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 16 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | | | |
| CONTRACT NO. 76635 | | | | |



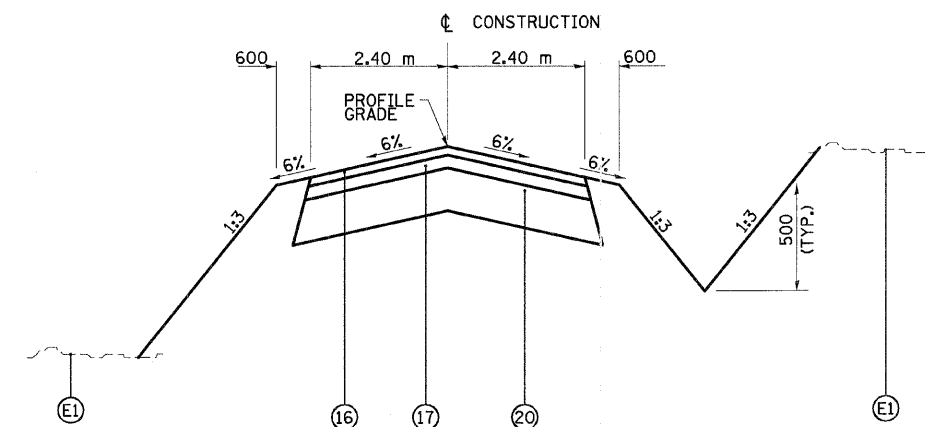
TYPICAL SECTION
HUMBERT SERVICE DRIVE 1
 STA 40+009.471 TO STA 40+030.000



TYPICAL SECTION
HUMBERT SERVICE DRIVE 1
 STA 40+030.000 TO STA 40+118.974

LEGEND

- (E1) EXISTING GROUND
- (9) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-15.60
- (16) HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70, 40 mm
- (17) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 60 mm
- (18) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 110 mm
- (19) AGGREGATE BASE COURSE, TYPE B, 100 mm
- (20) AGGREGATE BASE COURSE, TYPE B, 200 mm



TYPICAL SECTION
HUMBERT SERVICE DRIVE 2
SEILER SERVICE DRIVE 1

HUMBERT SERVICE DRIVE 2: STA 59+913.070 TO STA 59+990.503
 SEILER SERVICE DRIVE 1: STA 69+908.076 TO STA 69+993.942

| REVISIONS | |
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| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
 TYPICAL SECTIONS
 FAP 310 (IL 255)
 SECTIONS 60-15-1, 60-15HB-1
 MADISON COUNTY
 DRAWN BY
 CHECKED BY
 DATE

\$XXX\$

TREE REMOVAL SCHEDULE

| ROUTE | STATION | OFFSET | SIDE | 6 TO 15 | OVER 15 | AREA |
|----------------|------------------|--------|------|------------|-------------|------------|
| | | | | unit | unit | |
| HUMBERT ROAD | 19+886.2 | 19.3 | LT | | 24 | |
| | 19+905.0 | 41.2 | LT | | 24 | |
| | 19+919.3 | 21.8 | LT | 12 | | |
| | 19+930.1 | 22.8 | LT | 8 | | |
| | 19+939.2 | 17.6 | LT | 8 | | |
| | 19+941.9 | 60.9 | LT | | 30 | |
| | 19+944.3 | 59.0 | LT | | 30 | |
| | 19+945.6 | 17.4 | LT | 12 | | |
| | 19+952.2 | 17.4 | LT | | 18 | |
| | 19+952.2 | 55.1 | LT | | 24 | |
| | 19+976.6 | 17.4 | LT | 6 | | |
| | 19+979.3 | 24.2 | LT | 10 | | |
| | 19+983.1 | 17.4 | LT | 6 | | |
| | 19+994.6 | 17.0 | LT | 6 | | |
| | 20+000.2 | 22.2 | LT | 8 | | |
| | 20+001.7 | 16.9 | LT | 6 | | |
| | 20+003.7 | 47.7 | RT | | 24 | |
| | 20+004.9 | 39.2 | RT | | 36 | |
| | 20+007.8 | 59.5 | RT | | 36 | |
| | 20+011.7 | 38.6 | RT | | 36 | |
| | 20+011.8 | 45.6 | RT | | 40 | |
| | 20+015.3 | 19.1 | LT | | 30 | |
| | 20+018.6 | 47.6 | LT | | 36 | |
| | 20+026.8 | 17.9 | RT | | 20 | |
| | 20+029.5 | 45.1 | LT | | 36 | |
| | 20+035.3 | 63.0 | RT | | 42 | |
| | 20+041.4 | 13.4 | RT | | 16 | |
| | 20+041.4 | 71.8 | RT | | 20 | |
| | 20+043.7 | 45.5 | RT | 14 | | |
| | 20+048.4 | 21.7 | RT | | 16 | |
| | 20+050.9 | 45.6 | LT | 10 | | |
| | 20+052.4 | 42.7 | LT | 12 | | |
| | 20+052.8 | 67.8 | RT | 10 | | |
| | 20+055.0 | 79.0 | RT | 12 | | |
| | 20+056.0 | 42.6 | LT | 8 | | |
| | 20+056.8 | 40.2 | RT | | 30 | |
| | 20+057.6 | 45.3 | LT | | 24 | |
| | 20+058.0 | 17.5 | RT | | 30 | |
| | 20+058.2 | 12.4 | RT | | 20 | |
| | 20+059.6 | 46.4 | RT | | 38 | |
| | 20+063.7 | 37.2 | LT | | 16 | |
| | 20+065.3 | 64.7 | RT | 12 | | |
| | 20+067.0 | 42.7 | RT | | 30 | |
| | 20+067.1 | 17.7 | RT | | 28 | |
| | 20+071.8 | 12.6 | RT | | 20 | |
| | 20+075.5 | 17.6 | RT | 14 | | |
| | 20+075.7 | 18.2 | LT | | 30 | |
| | 20+081.3 | 20.9 | RT | | 18 | |
| | 20+093.0 | 19.6 | RT | 12 | | |
| | 20+100.2 | 31.4 | LT | | 36 | |
| | 20+101.1 | 24.0 | RT | 12 | | |
| | 20+103.2 | 14.4 | RT | | 24 | |
| | 20+106.7 | 20.6 | RT | | 24 | |
| | 20+110.9 | 15.1 | RT | | 24 | |
| | 20+121.5 | 11.8 | RT | 6 | | |
| | 20+205.9 | 17.3 | LT | 10 | | |
| | 20+205.9 | 23.7 | LT | 8 | | |
| | 20+225.6 | 15.4 | LT | 8 | | |
| | 20+255.9 | 18.0 | LT | | 16 | |
| | 20+425.6 | 13.3 | RT | | 16 | |
| 20+433.4 | 13.4 | RT | | 19 | | |
| 20+447.3 | 13.3 | RT | | 36 | | |
| 30+441.8 | 12.0 | RT | | 36 | | |
| FAP 310 RAMP B | 38+715 to 38+763 | | RT | | 0.1 | |
| | 0+310.6 | 10.4 | RT | 6 | | |
| | 0+316.8 | 8.3 | RT | 7 | | |
| | 0+325.0 | 4.9 | RT | 8 | | |
| | 0+325.2 | 5.5 | RT | 13 | | |
| | 0+327.5 | 4.5 | RT | 9 | | |
| | 0+330.3 | 3.3 | RT | 6 | | |
| | 0+334.5 | 1.6 | RT | 10 | | |
| | 0+352.1 | 6.6 | LT | 9 | | |
| | 0+483.4 | 10.2 | RT | 6 | | |
| | 0+497.8 | 9.0 | RT | 6 | | |
| | 0+506.3 | 5.6 | RT | 8 | | |
| | 0+506.6 | 0.4 | LT | 12 | | |
| | 0+509.3 | 4.1 | LT | 12 | | |
| | 0+517.5 | 7.4 | LT | | 16 | |
| | 0+535.5 | 6.7 | LT | | 36 | |
| | 0+543.5 | 5.3 | RT | | 30 | |
| SEILER SD 1 | 69+927.4 | 3.1 | LT | 9 | | |
| TOTALS: | | | | 351 | 1135 | 0.1 |

REMOVE EXISTING CULVERTS

| ROUTE | STATION | OFFSET | TYPE | LENGTH |
|----------------|---------|--------|------------|-----------|
| | | | | meter |
| SEILER ROAD | 0+718.2 | LT | 305 mm CMP | 6.2 |
| | 0+761.7 | LT | 305 mm CMP | 9.3 |
| | 0+818.1 | LT | 305 mm CMP | 9.4 |
| | 0+850.4 | LT | 305 mm CMP | 7.9 |
| | 0+862.6 | LT | 305 mm CMP | 9.5 |
| | 0+889.7 | LT | 305 mm CMP | 8.8 |
| TOTALS: | | | | 51 |

ISLAND REMOVAL

| ROUTE | LOCATION | OFFSET | AREA |
|----------------|----------------------|--------|-----------|
| | | | sq m |
| HUMBERT ROAD | 20+252.4 to 20+260.3 | RT | 30.2 |
| TOTALS: | | | 30 |

DRIVEWAY PAVEMENT REMOVAL

| ROUTE | STATION | OFFSET | WIDTH | TYPE | AREA | |
|--------------|----------------|---------|-------|-----------|-------|-------------|
| | | | meter | | sq m | |
| HUMBERT ROAD | 19+755.8 | RT | VAR | CON / BIT | 244.2 | |
| | 19+792.4 | LT | 6.0 | CON | 34.9 | |
| | 19+842.1 | RT | 5.9 | CON | 26.8 | |
| | 19+858.1 | LT | 6.2 | CON | 32.4 | |
| | 19+859.9 | RT | 5.7 | CON | 27.1 | |
| | 19+897.4 | LT | 4.0 | CON | 19.9 | |
| | 19+924.4 | LT | 6.3 | CON | 28.9 | |
| | 19+940.1 | RT | 10.8 | CON | 53.3 | |
| | 19+965.1 | LT | 6.2 | CON | 28.9 | |
| | 19+991.4 | RT | 10.8 | CON | 52.2 | |
| | 20+005.8 | LT | 6.1 | CON | 29.4 | |
| | 20+009.0 | RT | 7.1 | CON | 32.8 | |
| | 20+037.9 | LT | 6.2 | CON | 27.8 | |
| | 20+051.8 | RT | 6.5 | CON | 31.4 | |
| | 20+061.2 | LT | 4.9 | CON | 26.2 | |
| | 20+083.7 | RT | 5.8 | CON | 28.7 | |
| | 20+097.5 | RT | 5.5 | CON | 26.9 | |
| | 20+115.2 | LT | 9.5 | CON | 45.2 | |
| | 20+140.7 | RT | 7.3 | CON | 34.2 | |
| | 20+178.4 | LT | 6.5 | CON | 33.6 | |
| | 20+180.7 | RT | 4.3 | CON | 21.4 | |
| | 20+187.5 | LT | 4.3 | CON | 22.5 | |
| | 20+244.6 | LT | 3.7 | CON / BIT | 79.5 | |
| | 20+300.5 | RT | 7.3 | CON | 34.2 | |
| | 20+404.5 | RT | 6.0 | CON | 28.4 | |
| | 20+420.6 | RT | 4.6 | CON / BIT | 63.9 | |
| | SEILER ROAD | 0+761.9 | LT | 8.3 | BIT | 66.6 |
| | | 0+862.5 | LT | 4.0 | BIT | 27.5 |
| | | 0+890.1 | LT | 6.9 | BIT | 38.8 |
| | TOTALS: | | | | | 1248 |

CURB AND GUTTER REMOVAL SCHEDULE

| ROUTE | LOCATION | OFFSET | COMBINATION | |
|--------------|------------------|--------|-------------------------|-------------|
| | | | CURB AND GUTTER REMOVAL | |
| | | | meter | |
| HUMBERT ROAD | 19+605 to 20+220 | RT | 615.4 | |
| | 19+736 to 19+762 | LT | 26.0 | |
| | 19+786 to 19+799 | LT | 12.5 | |
| | 19+852 to 19+930 | LT | 78.0 | |
| | 19+959 to 19+971 | LT | 12.0 | |
| | 20+001 to 20+011 | LT | 9.5 | |
| | 20+033 to 20+138 | LT | 104.5 | |
| | 20+172 to 20+192 | LT | 20.0 | |
| | 20+220 to 20+245 | RT | 44.1 | |
| | 20+240 to 20+259 | LT | 19.4 | |
| | 20+252 to 20+277 | RT | 44.0 | |
| | 20+277 to 20+465 | RT | 187.6 | |
| | TOTALS: | | | 1173 |

REMOVAL OF EXISTING LIGHTING UNIT, NO SALVAGE

| ROUTE | STATION | OFFSET | NUMBER |
|----------------|----------|---------|----------|
| | | | each |
| HUMBERT ROAD | 19+938.8 | 24.8 RT | 1 |
| | 19+952.6 | 24.7 RT | 1 |
| | 19+962.5 | 22.6 LT | 1 |
| | 19+965.9 | 9.7 RT | 1 |
| | 19+967.7 | 27.8 RT | 1 |
| | 19+978.8 | 25.4 RT | 1 |
| | 19+992.2 | 26.8 RT | 1 |
| TOTALS: | | | 7 |

BASE COURSE WIDENING REMOVAL

| ROUTE | LOCATION | OFFSET | LENGTH | AREA |
|----------------|----------------------|--------|--------|------------|
| | | | meter | sq m |
| HUMBERT ROAD | 19+415.0 to 19+605.0 | CL | 190.0 | 228.0 |
| | 20+465.0 to 20+585.0 | CL | 120.0 | 144.0 |
| TOTALS: | | | | 372 |

MEDIAN REMOVAL

| ROUTE | LOCATION | OFFSET | WIDTH | LENGTH | AREA |
|----------------|----------------------|--------|-------|--------|-------------|
| | | | meter | meter | sq m |
| HUMBERT ROAD | 19+415.0 to 20+585.0 | CL | 1.2 | 1170.0 | 1404.0 |
| TOTALS: | | | | | 1404 |

PAVEMENT REMOVAL

| ROUTE | LOCATION | TYPE | AREA |
|----------------|----------------------|--------|-------------|
| | | | sq m |
| HUMBERT ROAD | 19+605.0 to 20+465.0 | RT PCC | 5794.2 |
| SEILER ROAD | 0+961.8 to 0+967.6 | BIT | 47.7 |
| | 0+967.6 to 0+992.2 | PCC | 463.6 |
| TOTALS: | | | 6305 |

SIGN REMOVAL

| ROUTE | STATION | OFFSET | NUMBER |
|----------------|----------|---------|----------|
| | | | each |
| HUMBERT ROAD | 19+923.9 | 14.0 RT | 1 |
| | 20+102.6 | 19.0 LT | 1 |
| TOTALS: | | | 2 |

SIDEWALK / SHOULDER REMOVAL SCHEDULE

| ROUTE | LOCATION | OFFSET | SIDEWALK | PAVED | |
|--------------|----------------------|--------|----------|------------|-------------|
| | | | REMOVAL | SHOULDER | |
| | | | sq m | sq m | |
| HUMBERT ROAD | 19+605.0 to 19+751.1 | RT | | 274.1 | |
| | 19+735.5 to 19+761.5 | LT | | 48.0 | |
| | 19+760.2 to 19+838.7 | RT | | 145.5 | |
| | 19+786.0 to 19+788.4 | LT | | 2.6 | |
| | 19+796.7 to 19+798.5 | LT | | 1.5 | |
| | 19+845.4 to 19+856.7 | RT | | 19.2 | |
| | 19+852.0 to 19+854.2 | LT | | 2.7 | |
| | 19+853.1 to 19+855.1 | LT | 4.9 | | |
| | 19+862.1 to 19+895.0 | LT | | | 56.0 |
| | 19+863.4 to 19+934.0 | RT | | | 126.6 |
| | 19+899.7 to 19+920.8 | LT | | | 35.3 |
| | 19+927.8 to 19+930.0 | LT | | | 2.9 |
| | 19+937.5 to 19+946.5 | LT | 15.8 | | |
| | 19+946.5 to 19+985.4 | RT | | | 70.8 |
| | 19+954.4 to 19+971.4 | RT | 49.9 | | |
| | 19+959.0 to 19+961.6 | LT | | | 3.4 |
| | 19+968.6 to 20+002.3 | LT | | | 58.2 |
| | 19+997.7 to 20+005.2 | RT | | | 12.1 |
| | 20+009.3 to 20+034.4 | LT | | | 42.2 |
| | 20+013.0 to 20+048.2 | RT | | | 66.2 |
| | 20+041.2 to 20+058.4 | LT | | | 29.3 |
| | 20+055.1 to 20+065.7 | RT | 20.3 | | |
| | 20+055.5 to 20+080.4 | RT | | | 45.8 |
| | 20+064.2 to 20+109.6 | LT | | | 80.0 |
| | 20+087.1 to 20+094.3 | RT | | | 11.5 |
| | 20+100.7 to 20+136.6 | RT | | | 65.8 |
| | 20+120.8 to 20+137.5 | LT | | | 29.4 |
| | 20+144.7 to 20+178.1 | RT | | | 60.3 |
| | 20+172.0 to 20+174.5 | LT | | | 3.5 |
| | 20+183.1 to 20+223.0 | RT | | | 73.2 |
| | 20+190.0 to 20+192.0 | LT | | | 2.7 |
| | 20+223.3 to 20+229.8 | RT | 12.4 | | |
| | 20+240.0 to 20+260.7 | LT | | | 24.6 |
| | 20+246.9 to 20+249.0 | LT | | | 2.7 |
| | 20+268.6 to 20+275.0 | RT | 11.9 | | |
| | 20+275.3 to 20+296.3 | RT | | | 38.9 |
| | 20+304.7 to 20+401.2 | RT | | | 180.8 |
| | 20+408.1 to 20+417.9 | RT | | | 16.1 |
| | 20+423.5 to 20+465.0 | RT | | | 76.3 |
| | 20+434.3 to 20+435.3 | RT | 4.4 | | |
| | TOTALS: | | | 120 | 1708 |

BUILDING REMOVAL

| NO. | STATION | OFFSET | SIDE | DESCRIPTION | L SUM |
|---------------|---------|--------|------|---------------------|-------|
| FAP ROUTE 310 | | | | | |
| 1 | 38+747 | 59 | RT | SHED | 1 |
| 2 | | | RT | Concrete Foundation | * |
| 3 | 38+758 | 59 | RT | SHED | 1 |
| HUMBERT ROAD | | | | | |
| 4 | 19+851 | 35 | RT | DUPLEX | 1 |
| 5 | 19+948 | 31 | LT | HOUSE | 1 |
| 6 | 19+960 | 28 | RT | COMMERCIAL | * |
| 7 | 19+963 | 46 | LT | GARAGE | 1 |
| 8 | 20+027 | 35 | LT | HOUSE | * |
| 9 | 20+022 | 35 | RT | HOUSE | * |
| 10 | 20+035 | 47 | LT | GARAGE | * |
| 11 | 20+061 | 30 | LT | HOUSE | 1 |
| 12 | 20+119 | 98 | LT | CHURCH | * |

* BUILDINGS REMOVED BY OTHERS

REVISIONS

| NAME | DATE |
|------|------|
| | |
| | |
| | |
| | |
| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|--------------------|---------------------------|--------------|--------------------|
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 18 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | CONTRACT NO. 76635 |

SEPTIC TANK / WELL REMOVAL SCHEDULE

| ROUTE | STATION | OFFSET | FILLING EXISTING | FILLING EXISTING |
|----------------|----------|--------|------------------|------------------|
| | | | SEPTIC TANK | WELLS - DRILLED |
| | | | each | each |
| HUMBERT ROAD | 19+851.2 | RT | 1 | |
| | 19+948.0 | LT | 1 | |
| | 19+960.0 | RT | 1 | |
| | 20+022.0 | RT | 1 | |
| | 20+026.6 | LT | 1 | |
| | 20+059.0 | RT | 1 | |
| | 20+100.1 | LT | 1 | |
| FAP 310 | 38+779.6 | RT | | 1 |
| TOTALS: | | | 7 | 1 |

REMOVING INLETS

| ROUTE | STATION | OFFSET | NUMBER EACH |
|----------------|----------|--------|-------------|
| HUMBERT ROAD | 19+629.7 | RT | 1 |
| | 19+698.3 | RT | 1 |
| | 19+739.4 | RT | 1 |
| | 19+744.0 | RT | 2 |
| | 19+766.7 | RT | 1 |
| | 19+903.9 | LT | 1 |
| | 20+044.6 | LT | 1 |
| | 20+104.4 | RT | 1 |
| | 20+105.0 | LT | 1 |
| | 20+283.1 | RT | 1 |
| | 20+323.0 | RT | 2 |
| | 20+396.1 | RT | 1 |
| TOTALS: | | | 14 |

REMOVING MANHOLES

| ROUTE | STATION | OFFSET | NUMBER EACH |
|----------------|----------|--------|-------------|
| HUMBERT ROAD | 19+903.9 | LT | 1 |
| TOTALS: | | | 1 |

SIGNAGE SCHEDULE

| ROUTE | STATION | OFFSET | FACING | SIGN # MUTCD | SIZE MM X MM | SIGN PANEL | MESSAGE | TELESCOPING STEEL SIGN SUPPORT (M) | BASE FOR TELESCOPING STEEL SIGN SUPPORT (EACH) |
|----------------|----------|-----------|--------|--------------|--------------|---------------|--------------------------|------------------------------------|--|
| | | | | | | TYPE 1 (SQ M) | | | |
| HUMBERT ROAD | 19+742.5 | 15.0 m LT | EB | R1-1 | 760 760 | 0.58 | STOP | 4.3 | |
| | 19+755.0 | 15.0 m RT | WB | R1-1 | 760 760 | 0.58 | STOP | 4.3 | |
| | 19+762.7 | 12.2 m RT | NB | R3-1100R | 600 600 | 0.36 | RIGHT TURN LANE | 4.2 | |
| | 19+773.0 | 1.4 m RT | NB | R4-7 | 600 760 | 0.46 | KEEP RIGHT | 2.9 | 1 |
| | 19+855.1 | 1.2 m LT | SB | R3-1100L | 600 600 | 0.36 | LEFT TURN LANE | 2.7 | 1 |
| | 19+880.0 | MAST ARM | SB | R10-12 | 600 760 | 0.46 | LEFT TURN YIELD ON GREEN | | |
| | 19+897.0 | 0.3 m RT | | R10-4 | 240 300 | 0.07 | PUSH BUTTON FOR WALK | | |
| | 19+897.0 | 11.5 m LT | | R10-4 | 240 300 | 0.07 | PUSH BUTTON FOR WALK | | |
| | 19+897.0 | 12.5 m RT | | R10-4 | 240 300 | 0.07 | PUSH BUTTON FOR WALK | | |
| | 19+971.0 | 1.6 m RT | NB | R3-1100L | 600 600 | 0.36 | LEFT TURN LANE | 2.7 | 1 |
| | 20+029.0 | 1.6 m LT | SB | R3-1100L | 600 600 | 0.36 | LEFT TURN LANE | 2.7 | 1 |
| | 20+109.0 | 11.2 m RT | | R10-4 | 240 300 | 0.07 | PUSH BUTTON FOR WALK | | |
| | 20+113.5 | 0 | | R10-4 | 240 300 | 0.07 | PUSH BUTTON FOR WALK | | |
| | 20+114.0 | 17.8 m LT | | R10-4 | 240 300 | 0.07 | PUSH BUTTON FOR WALK | | |
| | 20+122.5 | MAST ARM | NB | R10-12 | 600 760 | 0.46 | LEFT TURN YIELD ON GREEN | | |
| | 20+143.1 | 1.2 m RT | NB | R3-1100L | 600 600 | 0.36 | LEFT TURN LANE | 2.7 | 1 |
| | 20+231.0 | 1.5 m RT | SB | R4-7 | 600 760 | 0.46 | KEEP RIGHT | 2.9 | 1 |
| | 20+255.3 | 15.0 m LT | EB | R1-1 | 760 760 | 0.58 | STOP | 4.3 | |
| | 20+273.5 | 18.0 m RT | WB | R1-1 | 760 760 | 0.58 | STOP | 4.3 | |
| | 20+304.0 | 1.4 m RT | NB | R4-7 | 600 760 | 0.46 | KEEP RIGHT | 2.9 | 1 |
| | 20+393.0 | 1.3 m RT | SB | R3-1100L | 600 600 | 0.36 | LEFT TURN LANE | 2.7 | 1 |
| TOTALS: | | | | | | | 7.2 | 43.6 | 8 |

EARTHWORK SCHEDULE

| LOCATION | EARTH EXCAVATION | | EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (25%) | | EMBANKMENT | | FURNISHED EXCAVATION | |
|--------------------------|------------------|--------------|---|--------------|--------------|--------------|----------------------|--------------|
| | cu m | | cu m | | cu m | | cu m | |
| | LT (Stage 2) | RT (Stage 1) | LT (Stage 2) | RT (Stage 1) | LT (Stage 2) | RT (Stage 1) | LT (Stage 2) | RT (Stage 1) |
| HUMBERT RD | | | | | | | | |
| STA 19+605 to STA 19+650 | 0 | 34 | 0 | 26 | 0 | 5 | 0 | -21 |
| STA 19+650 to STA 19+825 | 8 | 260 | 6 | 195 | 4 | 135 | -2 | -60 |
| STA 19+825 to STA 20+000 | 3 | 170 | 2 | 128 | 5 | 141 | 3 | 13 |
| STA 20+000 to STA 20+175 | 45 | 220 | 34 | 165 | 12 | 17 | -22 | -148 |
| STA 20+175 to STA 20+350 | 217 | 333 | 163 | 250 | 8 | 40 | -155 | -210 |
| STA 20+350 to STA 20+465 | 0 | 329 | 0 | 247 | 0 | 1 | 0 | -246 |
| RAMP A | | | | | | | | |
| STA 0+009 to STA 0+049 | | 85 | | 64 | | 77 | | 13 |
| RAMP B | | | | | | | | |
| STA 0+295 to STA 0+546 | | 1887 | | 1415 | | 0 | | -1415 |
| STA 0+546 to STA 0+582 | | 709 | | 532 | | 1 | | -531 |
| RAMP C | | | | | | | | |
| STA 0+010 to STA 0+043 | 151 | | 113 | | 3 | | 110 | |
| RAMP D | | | | | | | | |
| STA 0+379 to STA 0+409 | 369 | | 277 | | 1 | | 276 | |
| HUMBERT RD SERVICE DR 1 | | | | | | | | |
| STA 40+009 to STA 40+119 | 67 | | 50 | | 79 | | -29 | |
| SEILER ROAD | | | | | | | | |
| STA 0+690 to STA 0+775 | | 74 | | 56 | | 294 | | 238 |
| STA 0+775 to STA 0+950 | | 2018 | | 1514 | | 167 | | -1347 |
| STA 0+950 to STA 0+991 | | 516 | | 387 | | 4 | | -383 |
| SEILER RD SERVICE DR 1 | | | | | | | | |
| STA 69+908 to STA 69+994 | | 428 | | 321 | | 0 | | -321 |
| SUB-TOTALS: | 860 | 7063 | 645 | 5300 | 112 | 882 | -533 | -4418 |
| TOTALS: | 7923 | | 5945 | | 994 | | 994 | |
| FAP 310 | | | | | | | | |
| STA 38+734 to STA 38+817 | 0 | | 0 | | | 21975 | | 21975 |
| STA 38+844 to STA 38+940 | 0 | | 0 | | | 33940 | | 33940 |
| TOTALS: | 0 | | 0 | | | 55915 | | 55915 |

EROSION CONTROL SCHEDULE

| ROUTE | STATION | SIDE | TEMPORARY DITCH CHECKS each | INLET AND PIPE PROTECTION each | EARTH EXCAVATION FOR EROSION CONTROL cu m |
|----------------|---------|------|-----------------------------|--------------------------------|---|
| HUMBERT RD | 19+790 | RT | 1 | | |
| | 19+810 | RT | 1 | | |
| | 19+830 | RT | 1 | | |
| | 19+835 | RT | 1 | | 8 |
| | 19+907 | LT | 1 | | |
| | 19+910 | LT | | 1 | |
| | 19+911 | LT | 1 | | |
| | 20+240 | LT | | 1 | |
| | 20+251 | LT | | 1 | |
| HUMBERT SD 2 | 59+955 | LT | 1 | | |
| | 59+955 | RT | 1 | | |
| FAP 310 RAMP B | 38+875 | CL | | 1 | |
| | 0+300 | RT | 1 | | |
| | 0+350 | RT | 1 | | |
| | 0+400 | RT | 1 | | |
| | 0+450 | RT | 1 | | |
| | 0+500 | RT | 1 | | |
| | 0+530 | RT | 1 | | |
| SEILER RD | 0+700 | RT | 1 | | |
| | 0+710 | LT | 1 | | |
| | 0+750 | LT | 1 | | |
| | 0+750 | RT | 1 | | |
| | 0+800 | LT | 1 | | |
| | 0+800 | RT | 1 | | |
| | 0+840 | LT | 1 | | |
| | 0+850 | RT | 1 | | |
| | 0+900 | LT | 1 | | |
| | 0+900 | RT | 1 | | |
| | 0+950 | LT | 1 | | |
| | 0+950 | RT | 1 | | |
| SEILER SD 1 | 69+930 | LT | 1 | | |
| | 69+930 | RT | 1 | | |
| | 69+970 | LT | 1 | | |
| | 69+970 | RT | 1 | | |
| TOTALS: | | | 30 | 4 | 8 |

RIPRAP SCHEDULE

| LOCATION | STONE DUMPED RIPRAP, CLASS A4 | FILTER FABRIC | sq m | sq m |
|----------------|-------------------------------|---------------|-----------|------------|
| | | | | |
| HUMBERT ROAD | 19+835.0 RT | | 23.0 | 23.0 |
| FAP 310 | 38+875.0 RT | | 53.9 | 53.9 |
| TOTALS: | | | 77 | 77* |

*-SEE BRIDGE BILL OF MATERIALS FOR ADDITIONAL QUANTITIES

STORM SEWER REMOVAL

| ROUTE | LOCATION | OFFSET | 300 mm meter | 600 mm meter |
|----------------|----------------------|--------|--------------|--------------|
| HUMBERT ROAD | 19+744.0 | RT | 2.0 | |
| | 19+903.9 | LT | 2.0 | |
| | 20+044.6 | LT | 2.3 | |
| | 20+091.0 to 20+104.4 | RT | 12.8 | |
| | 20+104.8 | RT | 2.3 | |
| | 20+105.0 | LT | 2.5 | |
| | 20+250.7 | LT | | 1.8 |
| | 20+323.0 | RT | 2.5 | |
| TOTALS: | | | 26.4 | 1.8 |

PERIMETER EROSION BARRIER

| ROUTE | LOCATION | OFFSET | LENGTH meter |
|----------------|----------------------|--------|--------------|
| HUMBERT ROAD | 19+605.0 to 19+742.0 | RT | 154 |
| | 19+838.0 to 19+892.0 | RT | 113 |
| | 19+907.0 to 19+954.0 | RT | 74 |
| | 19+954.0 to 20+038.0 | RT | 84 |
| | 19+973.0 to 20+038.0 | LT | 65 |
| | 38+732.0 to 38+810.0 | LT | 126 |
| | 38+732.0 to 38+822.0 | RT | 129 |
| | 38+840.0 to 38+941.0 | LT | 177 |
| | 38+850.0 to 38+941.0 | RT | 136 |
| TOTALS: | | | 1058 |

EROSION CONTROL BLANKET

| LOCATION | AREA sq m |
|----------------------------|-------------|
| FAP 310 BRIDGE CONE - EAST | 2560 |
| FAP 310 BRIDGE CONE - WEST | 3600 |
| TOTALS: | 6160 |

REVISIONS

| NAME | DATE |
|------|------|
| | |
| | |
| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF QUANTITIES
 FAP 310 (IL 255)
 SECTIONS 60-15-1, 60-15HB-1
 MADISON COUNTY

DRAWN BY SEB
 CHECKED BY

DATE 1/2003

PAVING SCHEDULE

| ROUTE | STATION TO | STATION | PROCESSING LIME STABILIZED SOIL MIXTURE 300MM sq m | LIME m ton | AGGREGATE BASE COURSE, TYPE B m ton | HOT-MIX ASPHALT BASE COURSE WIDENING, 230MM sq m | PORTLAND CEMENT CONCRETE PAVEMENT 230MM (JOINTED) sq m | CORRUGATED MEDIAN sq m | CONCRETE MEDIAN, TYPE SB-15 (SPECIAL) sq m | HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 280MM sq m | HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70 m ton | HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 m ton | BITUMINOUS MATERIALS (PRIME COAT) m ton | AGGREGATE (PRIME COAT) m ton |
|----------------|------------|----------|---|---------------|--|---|---|---------------------------|---|--|---|--|--|---------------------------------|
| HUMBERT RD | 19+415.0 | 19+650.0 | | | 93.5 | 228.0 | 301.9 | 320.9 | | | | | | |
| | 19+650.0 | 19+825.0 | | | 510.0 | | 1540.3 | 350.6 | 119 | | | | | |
| | 19+825.0 | 20+000.0 | | | 546.8 | | 1605.6 | | 514.3 | | | | | |
| | 20+000.0 | 20+175.0 | | | 609.5 | | 1618.9 | | 501.9 | | | | | |
| | 20+175.0 | 20+350.0 | | | 636.3 | | 1864.5 | 30.6 | 221.5 | | | | | |
| | 20+350.0 | 20+585.0 | | | 302.8 | 144.0 | 823.1 | 456.9 | | | | | | |
| RAMP A | 0+009.4 | 0+048.9 | 596 | 12.3 | 375.3 | | 741.6 | | | | | | | |
| RAMP B | 0+546.2 | 0+582.2 | 534 | 11.0 | 246.3 | | 452.4 | | | | | | | |
| RAMP C | 0+009.5 | 0+043.1 | 495 | 10.2 | 158.5 | | 465.5 | | | | | | | |
| RAMP D | 0+378.9 | 0+409.0 | 451 | 9.3 | 140.8 | | 312.1 | | | | | | | |
| SEILER RD | 0+690.0 | 0+775.0 | 685 | 14.1 | | | | | 612.0 | | | | 0.3 | 1.3 |
| | 0+775.0 | 0+950.0 | 1411 | 29.0 | | | | | 1260.0 | | | | 0.5 | 2.8 |
| | 0+950.0 | 0+990.6 | 496 | 10.2 | | | | | 452.3 | | | | 0.2 | 1.0 |
| HUMBERT S.D. 1 | 40+009.5 | 40+119.0 | | | 183.8 | | | | | 73.7 | | 192.3 | 1.1 | 1.6 |
| HUMBERT S.D. 2 | 59+913.1 | 59+990.5 | | | 206.4 | | | | | 40.6 | | 57.8 | 0.6 | 0.9 |
| SEILER S.D. 1 | 69+908.1 | 69+993.9 | | | 223.4 | | | | | 43.6 | | 62.2 | 0.7 | 1.0 |
| TOTALS: | | | 4668 | 96.1 | 4233 | 372 | 9726 | 1159 | 1357 | 2325 | 158 | 313 | 3.4 | 8.6 |

| | | | | |
|---------------------|--------------------|----------|------------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 19 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS | FED. AID PROJECT | |
| CONTRACT NO. 76635 | | | | |

CURB AND GUTTER / ISLAND SCHEDULE

| ROUTE | STATION TO | STATION | OFFSET | COMB. CURB AND GUTTER TYPE B-15.60 meter | COMB. CURB AND GUTTER TYPE M-15.15 meter | COMB. CURB AND GUTTER TYPE M-15.60 meter | CONCRETE MEDIAN SURFACE, 100 mm sq m |
|----------------|------------|------------|--------|---|---|---|---|
| HUMBERT ROAD | 19+415.000 | 19+650.000 | RT | 45.0 | | | |
| | | | LT | | | | |
| | 19+650.000 | 19+825.000 | RT | 115.1 | | | |
| | | | LT | 63.1 | | | |
| | 19+825.000 | 20+000.000 | RT | 89.4 | | | |
| | | | LT | 45.1 | | | |
| | 20+000.000 | 20+175.000 | RT | 127.1 | | | |
| | | | LT | 17.0 | | | |
| | 20+175.000 | 20+350.000 | RT | 173.7 | | | |
| | | | LT | 38.8 | | | |
| | 20+350.000 | 20+585.000 | RT | 135.1 | | | |
| | | | LT | | | | |
| RAMP A | 0+009.350 | 0+048.889 | RT | 147.7 | 11.8 | 21.4 | 47.4 |
| | | | LT | 16.1 | | | |
| RAMP B | 0+546.220 | 0+582.158 | RT | 45.9 | 5.6 | 10.6 | 12.6 |
| | | | LT | 11.6 | | | |
| RAMP C | 0+009.542 | 0+043.131 | RT | 45.9 | | | |
| | | | LT | 69.2 | | | |
| RAMP D | 0+378.864 | 0+409.048 | RT | 42.3 | 5 | 9.7 | 10.5 |
| | | | LT | 18.3 | | | |
| TOTALS: | | | | 1246.4 | 22.4 | 41.7 | 71 |

PORTLAND CEMENT CONCRETE SIDEWALK, 100 MM SCHEDULE

| ROUTE | STATION | OFFSET | DESCRIPTION | AREA sq m | DETECTABLE WARNINGS sq m |
|----------------|----------|--------|--------------|--------------|-----------------------------|
| HUMBERT RD | 19+740.4 | RT | SW RAMP TY B | 17.7 | 0.55 |
| | 19+740.7 | LT | SW RAMP TY B | 19.1 | 0.55 |
| | 19+756.3 | LT | SW RAMP TY B | 19.2 | 0.55 |
| | 19+757.3 | RT | SW RAMP TY B | 16.9 | 0.55 |
| | 19+906.3 | LT | SW RAMP TY B | 17.8 | 0.55 |
| | 20+245.0 | LT | SW RAMP TY A | 3.4 | 0.60 |
| | 20+254.2 | RT | SW RAMP TY B | 19.4 | 0.55 |
| | 20+258.0 | LT | SW RAMP TY A | 5.2 | 0.60 |
| | 20+274.1 | RT | SW RAMP TY B | 16.9 | 0.55 |
| | 20+399.5 | RT | SW RAMP TY A | 3.4 | 0.60 |
| | 20+409.5 | RT | SW RAMP TY A | 3.4 | 0.60 |
| | 20+416.2 | RT | SW RAMP TY A | 3.4 | 0.60 |
| | 20+424.9 | RT | SW RAMP TY A | 3.4 | 0.60 |
| | 20+424.8 | RT | PRIVATE SW | 1.0 | |
| RAMP A | 0+018.8 | LT | SW RAMP TY B | 19.7 | 0.55 |
| | 0+022.4 | RT | SW RAMP TY B | 19.6 | 0.55 |
| RAMP B | 0+573.0 | RT | SW RAMP TY B | 19.5 | 0.55 |
| | 0+578.8 | LT | SW RAMP TY B | 18.6 | 0.55 |
| RAMP C | 0+014.8 | RT | SW RAMP TY B | 19.6 | 0.55 |
| | 0+016.2 | LT | SW RAMP TY B | 17.5 | 0.55 |
| RAMP D | 0+401.6 | RT | SW RAMP TY B | 19.5 | 0.55 |
| TOTALS: | | | | 284.5 | 11.3 |

SHOULDER SCHEDULE

| ROUTE | STATION TO | STATION | OFFSET | HOT-MIX ASPHALT SHOULDERS 150MM sq m | HOT-MIX ASPHALT SHOULDERS 200MM sq m | PORTLAND CEMENT CONCRETE SHOULDERS - 230MM sq m | SUB-BASE GRANULAR MATERIAL TYPE C sq m |
|----------------|------------|------------|--------|---|---|--|---|
| HUMBERT RD | 19+415.000 | 19+650.000 | RT | | 81.2 | | |
| | | | LT | | | | |
| | 19+650.000 | 19+825.000 | RT | | 270.5 | | |
| | | | LT | | 21.1 | | |
| | 19+825.000 | 20+000.000 | RT | | 281.2 | | |
| | | | LT | | 170.6 | | |
| | 20+000.000 | 20+175.000 | RT | | 267.9 | | |
| | | | LT | | 199.6 | | |
| | 20+175.000 | 20+350.000 | RT | | 267.7 | | |
| | | | LT | | 39.3 | | |
| | 20+350.000 | 20+585.000 | RT | | 166.8 | | |
| | | | LT | | | | |
| RAMP A | 0+009.350 | 0+048.889 | RT | | | 15.1 | 5.0 |
| | | | LT | | | 29.2 | 15.8 |
| RAMP B | 0+546.220 | 0+582.158 | RT | | | 15.1 | 6.8 |
| | | | LT | | | 29.2 | 15.8 |
| RAMP C | 0+009.542 | 0+043.131 | RT | | | 15.1 | 8.3 |
| | | | LT | | | 18.3 | 10.0 |
| RAMP D | 0+378.864 | 0+409.048 | RT | | | 15.1 | 7.5 |
| | | | LT | | | 11.6 | 6.3 |
| SEILER ROAD | 0+690.000 | 0+775.000 | RT | 71.8 | | | |
| | | | LT | 72.2 | | | |
| | 0+775.000 | 0+950.000 | RT | 419.0 | | | |
| | | | LT | 421.0 | | | |
| | 0+950.000 | 0+990.612 | RT | 77.9 | | | |
| | | | LT | 53.0 | | | |
| TOTALS: | | | | 1115 | 1766 | 149 | 76 |

ENTRANCE SCHEDULE

| ROUTE | STATION | OFFSET | WIDTH | "L" | TYPE | AGGREGATE BASE COURSE, TYPE B m ton | AGGREGATE SURFACE COURSE, TYPE B m ton | INCIDENTAL HOT-MIX ASPHALT SURFACING m ton | PCC DRIVEWAY PAVEMENT, 150MM sq m | BITUMINOUS MATERIALS (PRIME COAT) m ton | AGGREGATE (PRIME COAT) m ton |
|----------------|----------|--------|-------|------|------|--|---|---|--------------------------------------|--|---------------------------------|
| HUMBERT RD | 19+748.5 | RT | 7.2 | 24.7 | CE | | | | 246.3 | | |
| | 20+182.6 | LT | 4.8 | 2.0 | PE | 4.8 | | 1.9 | | | |
| | 20+404.5 | RT | 6.0 | 11.0 | FE | | 24.5 | | 15.9 | | |
| | 20+420.6 | RT | 4.6 | 11.2 | PE | 25.0 | | 9.8 | 12.0 | 0.08 | 0.11 |
| SEILER RD | 0+700.2 | LT | 4.0 | 0.3 | PE | | | 3.6 | | 0.03 | 0.04 |
| | 0+705.0 | RT | 6.0 | 1.8 | MB | 10.5 | | 4.1 | | 0.04 | 0.05 |
| | 0+718.0 | LT | 4.8 | 5.6 | FE | | 18.9 | | | | |
| | 0+761.7 | LT | 7.0 | 4.0 | PE | 25.0 | | 9.8 | | 0.08 | 0.11 |
| | 0+818.3 | LT | 3.6 | 4.5 | PE | | 10.2 | | | | |
| | 0+850.1 | LT | 3.8 | 7.0 | PE | | 14.4 | | | | |
| | 0+863.5 | LT | 4.0 | 7.0 | PE | | 15.0 | | | | |
| HUMBERT SD 1 | 0+891.7 | LT | 6.9 | 9.0 | PE | 41.8 | | 16.4 | | 0.13 | 0.18 |
| | 40+040.0 | LT | 3.6 | 0.1 | FE | | 7.4 | | | | |
| HUMBERT SD 2 | 40+050.0 | RT | 3.6 | 0.1 | FE | | 7.5 | | | | |
| SEILER SD 1 | 59+974.0 | LT | 3.0 | 6.0 | PE | 18.0 | | 7.1 | | 0.06 | 0.08 |
| | 69+912.0 | LT | 3.6 | 2.2 | PE | | 12.5 | | | | |
| | 69+952.0 | RT | 3.6 | 2.4 | PE | | 13.4 | | | | |
| TOTALS: | | | | | | 125 | 124 | 53 | 274 | 0.4 | 0.6 |

REMOVE CONCRETE FOUNDATION

| ROUTE | STATION | OFFSET | NUMBER each |
|----------------|----------|---------|-------------|
| FAP 310 | 38+750.2 | 25.3 RT | 1 |
| TOTALS: | | | 1 |

| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
| | |
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| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF QUANTITIES
 FAP 310 (IL 255)
 SECTIONS 60-15-1, 60-15HB-1
 MADISON COUNTY
 DRAWN BY SEB
 DATE 1/2003
 CHECKED BY

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| | | | | |
|---------------------|--------------------|---------------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 20 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |

PAVEMENT MARKING SCHEDULE

| ROUTE | STATION TO STATION | OFFSET | EPOXY PAVEMENT MARKING - LINE 100MM | | | EPOXY PAVEMENT MARKING - LINE 300MM | EPOXY PAVEMENT MARKING - LINE 600MM | PAINT PAVEMENT MARKING - LINE 100MM | | | | PAINT PAVEMENT MARKING - LINE 200MM | | PAINT PAVEMENT MARKING - LINE 300MM | PAINT PAVEMENT MARKING - LINE 600MM | PAINT CURB | | RAISED REFLECTIVE PAVEMENT MARKER | | SHORT TERM PAVEMENT MARKING | WORK ZONE PAVEMENT MARKING REMOVAL | |
|---------------|--------------------|--------|-------------------------------------|-------|--------|-------------------------------------|-------------------------------------|-------------------------------------|--------|-------|--------|-------------------------------------|--------|-------------------------------------|-------------------------------------|------------------|---------------|-----------------------------------|----------|-----------------------------|------------------------------------|-------|
| | | | WHITE | | YELLOW | WHITE | WHITE | WHITE | YELLOW | WHITE | YELLOW | WHITE | YELLOW | WHITE | YELLOW | CHRYSTAL ONE-WAY | AMBER TWO-WAY | | | | | |
| | | | meter | SOLID | SOLID | SOLID | SOLID | SOLID | SOLID | SOLID | SOLID | SOLID | SOLID | SOLID | SOLID | each | each | meter | sq meter | | | |
| HUMBERT RD | 19+415 19+650 | LT | 58.8 | 235.0 | 235.0 | | | | | | | | | | | | | 10 | | | 52.9 | |
| | | RT | 58.8 | 235.0 | 235.0 | | | | | | | | | | | | | | 10 | | | 55.2 |
| | 19+650 19+825 | LT | 43.8 | 196.5 | 148.8 | | | | | | | | | 27.7 | 4.2 | | | | 16 | | | 52.7 |
| | | RT | 43.8 | 88.3 | 148.8 | 30.4 | 4.7 | | | | | | | | | | | | 8 | | | 53.7 |
| | 19+825 20+000 | LT | 38.7 | 136.5 | 83.1 | | | 5.1 | 38.5 | | 70.0 | | | | | | 2.4 | 17.7 | 13 | | | 50.1 |
| | | RT | 37.7 | 89.7 | 125.3 | | | 6.1 | 85.3 | | 29.0 | | 28.4 | | | 5.7 | 8.5 | 23.3 | 15 | | | 50.3 |
| | 20+000 20+175 | LT | 35.9 | 83.2 | 124.6 | | | 7.9 | 91.8 | | 25.1 | | | | | 4.6 | | 23.3 | 6 | | | 37.8 |
| | | RT | 37.9 | 127.3 | 78.5 | | | 5.8 | 47.7 | | 70.0 | | | | | 48.9 | | 17.7 | 13 | | | 50.4 |
| | 20+175 20+350 | LT | 43.8 | 205.0 | 126.6 | | | | | | | | | | 16.1 | 2.6 | | 19.0 | 15 | | | 46.9 |
| | | RT | 43.8 | 181.0 | 126.6 | | | | | | | | | | | | | 19.0 | 15 | | | 39.8 |
| | 20+350 20+585 | LT | 58.8 | 235.0 | 235.0 | | | | | | | | | | | | | | 10 | | | 52.9 |
| | | RT | 58.8 | 235.0 | 235.0 | | | | | | | | | | | | | | 9 | | | 55.2 |
| SEILER ROAD | 0+690 1+000 | | | | | 4.4 | | 588.7 | 35.5 | 300.0 | | | | 36.8 | 4.3 | | | | 12 | | 93.1 | |
| SUB TOTALS: | | | | 560.6 | 2047.5 | 1902.3 | 30.4 | 16.3 | 24.9 | 914.3 | 35.5 | 494.1 | 78.7 | 112.8 | 80.6 | 11.1 | 13.8 | 139.0 | 140 | 12 | 170.2 | 690.9 |
| GRAND TOTALS: | | | 9 | 4510 | | 30 | 16 | | 1469 | | | | 192 | 81 | 11 | 152.8 | | 152 | | 170 | 690.9 | |

PRISMATIC CURB REFLECTOR SCHEDULE

| LOCATION | NUMBER each |
|----------------------|-------------|
| HUMBERT ROAD MEDIAN | 38 |
| 19+766.3 to 19+903.6 | 44 |
| 19+931.8 to 20+068.2 | 38 |
| 20+100.8 to 20+240.3 | 17 |
| 20+294.8 to 20+333.2 | 13 |
| RAMP A ISLAND | 7 |
| RAMP B ISLAND | 7 |
| RAMP D ISLAND | 7 |
| TOTALS: | 164 |

BARRICADES

| LOCATION | NUMBER each |
|----------------|-------------|
| RAMP A | 4 |
| RAMP B | 4 |
| RAMP C | 4 |
| RAMP D | 4 |
| TOTALS: | 16 |

PERMANENT SURVEY MARKERS, TYPE 1

| ROUTE | LOCATION | EACH |
|----------------|----------------|--------------|
| HUMBERT RD | PI 16+605.000 | 1 |
| | PI 16+735.000 | 1 |
| | POT 19+890.477 | 1 |
| | POT 19+898.100 | 1 |
| | POT 20+104.827 | 1 |
| | PI 20+251.500 | 1 |
| | POT 20+269.319 | 1 |
| | PI 20+335.000 | 1 |
| | PI 20+465.000 | 1 |
| | SEILER RD | PC 0+705.700 |
| | PT 0+959.359 | 1 |
| TOTALS: | | 11 |

FURNISHING AND ERECTING ROW MARKERS

| ROUTE | STATION | SIDE | EACH |
|----------------|------------|------------|-----------|
| HUMBERT RD | 19+605.000 | 12.193 RT | 1 |
| | 19+729.943 | 14.241 LT | 1 |
| | 19+742.373 | 63.992 LT | 1 |
| | 19+742.373 | 26.514 LT | 1 |
| | 19+754.565 | 63.993 LT | 1 |
| | 19+754.565 | 26.509 LT | 1 |
| | 19+766.754 | 14.317 LT | 1 |
| | 19+777.657 | 100.080 LT | 1 |
| | 19+777.931 | 87.891 LT | 1 |
| | 19+786.296 | 100.274 LT | 1 |
| | 19+786.352 | 88.080 LT | 1 |
| | 19+837.389 | 27.432 RT | 1 |
| | 20+128.599 | 15.240 RT | 1 |
| | 20+156.241 | 14.276 LT | 1 |
| | 20+183.627 | 22.860 LT | 1 |
| | 20+183.659 | 14.320 LT | 1 |
| | 20+205.902 | 15.240 RT | 1 |
| | 20+235.000 | 32.004 LT | 1 |
| | 20+259.999 | 14.520 LT | 1 |
| | 20+260.000 | 31.929 LT | 1 |
| 20+289.645 | 15.240 RT | 1 | |
| 20+465.000 | 12.175 RT | 1 | |
| 20+465.000 | 15.241 RT | 1 | |
| SEILER RD | 0+700.000 | 6.759 RT | 1 |
| | 0+700.000 | 16.764 RT | 1 |
| | 0+705.700 | 16.764 RT | 1 |
| | 0+707.894 | 15.240 LT | 1 |
| | 0+708.080 | 6.860 LT | 1 |
| | 0+890.173 | 15.240 LT | 1 |
| | 0+913.658 | 90.352 LT | 1 |
| | 0+922.865 | 18.675 LT | 1 |
| | 0+927.568 | 91.910 LT | 1 |
| | 0+932.396 | 55.608 LT | 1 |
| 0+959.360 | 16.764 RT | 1 | |
| 0+981.405 | 16.764 RT | 1 | |
| TOTALS: | | | 35 |

SEEDING SCHEDULE

| ROUTE | STATION TO STATION | OFFSET | SEEDING, CLASS 2 | NITROGEN FERTILIZER NUTRIENT | PHOSPHORUS NUTRIENT | POTASSIUM FERTILIZER NUTRIENT | MULCH, METHOD 2 | TEMPORARY EROSION CONTROL SEEDING |
|-----------------------|-----------------------|--------|------------------|------------------------------|---------------------|-------------------------------|-----------------|-----------------------------------|
| | | | ha | kg | kg | kg | ha | kg |
| HUMBERT ROAD | 19+415.000 19+650.000 | RT | 0.004 | 0.4 | 0.4 | 0.4 | 0.004 | 0.9 |
| | | LT | | | | | | |
| | 19+650.000 19+825.000 | RT | 0.089 | 8.9 | 8.9 | 8.9 | 0.089 | 19.6 |
| | | LT | 0.031 | 3.1 | 3.1 | 3.1 | 0.031 | 6.8 |
| | 19+825.000 20+000.000 | RT | 0.560 | 56.0 | 56.0 | 56.0 | 0.560 | 123.2 |
| | | LT | 0.570 | 57.0 | 57.0 | 57.0 | 0.570 | 125.4 |
| | 20+000.000 20+175.000 | RT | 0.645 | 64.5 | 64.5 | 64.5 | 0.645 | 141.9 |
| | | LT | 0.606 | 60.6 | 60.6 | 60.6 | 0.606 | 133.3 |
| | 20+175.000 20+350.000 | RT | 0.116 | 11.6 | 11.6 | 11.6 | 0.116 | 25.5 |
| | | LT | 0.081 | 8.1 | 8.1 | 8.1 | 0.081 | 17.8 |
| 20+350.000 20+585.000 | RT | 0.029 | 2.9 | 2.9 | 2.9 | 0.029 | 6.4 | |
| | LT | | | | | | | |
| RAMP B DITCH | | | 0.226 | 22.6 | 22.6 | 22.6 | 0.226 | 49.7 |
| SEILER RD | 0+690.000 0+775.000 | RT | 0.036 | 3.6 | 3.6 | 3.6 | 0.036 | 7.9 |
| | | LT | 0.032 | 3.2 | 3.2 | 3.2 | 0.032 | 7.0 |
| | 0+775.000 0+950.000 | RT | 0.129 | 12.9 | 12.9 | 12.9 | 0.129 | 28.4 |
| | | LT | 0.140 | 14.0 | 14.0 | 14.0 | 0.140 | 30.8 |
| SEILER RD S.D. 1 | 69+908.000 69+980.000 | RT | 0.022 | 2.2 | 2.2 | 2.2 | 0.022 | 4.8 |
| | | LT | 0.020 | 2.0 | 2.0 | 2.0 | 0.020 | 4.4 |
| TOTALS: | | | 3.3 | 334 | 334 | 334 | 3.3 | 734 |

| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
| | |
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| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF QUANTITIES
 FAP 310 (IL 255)
 SECTIONS 60-15-1, 60-15HB-1
 MADISON COUNTY
 DRAWN BY SEB
 CHECKED BY
 DATE 1/2003

\$FILE\$

| | | | | |
|---------------------|--------------------|---------------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 21 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76635 | | | | |

DRAINAGE SCHEDULE

| ROUTE | STATION | IDENTIFIER | OFFSET | TRENCH BACKFILL | PIPE CULVERT | | STORM SEWER | | | PIPE TEE | PRECAST REINFORCED CONCRETE END SECTIONS | | | GRATES | INLETS | | | | | | MANHOLES - TYPE A | | | INLET TO BE RECONSTRUCTED | | MANHOLE TO BE RECONSTRUCTED | | | REINF BARS | EXPANSION BOLTS M20 | CONCRETE COLLAR | | | | | | | | |
|--------------------|-----------|------------|--------|-----------------|--------------|-------------|-------------|-------------|------------|--------------|--|----------|----------|----------|----------|-----------|-------------|------------------|---------------|------------------|-------------------|--------------|----------------|---------------------------|---------------|-----------------------------|---------------|---------------------|------------|---------------------|-----------------|--------------|---------------|------------|------|--|--|--|--|
| | | | | | TYPE 1 | TYPE 2 | TYPE 1 | 300 mm | 750 mm | | 300 mm | 600 mm | 750 mm | | TY 8 | TY 3 & GR | FRTY 8 & GR | FRTY 15 FR & LID | TY 1 CLSD LID | TY 3 FRTY 3 & GR | FRTY 15 FR & LID | TY 1 CLS LID | TY 15 FR & LID | MED INLET 602401 | TY 1 CLSD LID | FRTY 15 FR & LID | TY 1 CLSD LID | FRTY 15 FR OPEN LID | | | | TY 1 FR & GR | TY 23 FR & GR | | | | | | |
| | | | | cu m | meter | meter | meter | meter | meter | 600 mm RISER | each | each | each | each | each | each | each | each | each | each | each | each | each | each | each | each | each | each | each | each | each | each | kg | each | cu m | | | | |
| FAP 310 HUMBERT RD | 38+875.00 | | RT | | | 24.3 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 19+629.72 | A | RT | 0.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 19+698.33 | B | RT | 0.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 19+738.00 | C, D | RT | 0.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 19+739.38 | E | RT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 19+739.39 | F | LT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 19+744.08 | H, I | LT | 1.1 | | | 5.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 19+744.40 | J, K | LT | 1.6 | | | 7.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 19+752.10 | L | LT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 19+766.78 | M | RT | 1.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 19+834.97 | N | RT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 19+834.97 | O | RT | 2.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 19+891.02 | P, Q | LT | 3.8 | | | 12.4 | | 2.4, 4.0 | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 19+904.04 | R, RI | LT | | | | 6.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 19+903.87 | S, T | LT | 3.3 | | | 8.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 19+908.50 | U, V | LT | 1.9 | | | 3.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 19+904.09 | W | RT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 19+912.00 | X | RT | 0.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 19+972.16 | Y | RT | 0.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 20+044.66 | Z | LT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 20+044.35 | AA | RT | 0.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 20+094.50 | BB, CC | LT | 2.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 20+107.44 | DD, EE | LT | 2.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 20+104.95 | FF | LT | | | | 11.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 20+105.08 | GG | RT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 20+170.90 | HH | RT | 0.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 20+240.00 | JJ | LT | 1.7 | | | 9.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 20+250.67 | KK | LT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 20+250.65 | LL | LT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 20+250.68 | MM | LT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 20+263.75 | NN | RT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 20+283.13 | OO, PP | RT | 1.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 20+285.00 | QQ | RT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 20+322.94 | RR | RT | 2.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 20+396.10 | SS | RT | 0.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HUMBERT S.D. 2 | 59+974.00 | II | LT | | | | 10.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEILER RD | 0+718.00 | | LT | | | | 9.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0+761.70 | | LT | | | | 11.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0+818.30 | | LT | | | | 10.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0+850.10 | | LT | | | | 10.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0+863.60 | | LT | | | | 10.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0+891.70 | | LT | | | | 12.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0+932.40 | | LT | | | | 9.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEILER S.D. 1 | 69+952.00 | | RT | | | | 9.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTALS: | | | | | 31 | 93.5 | 24.5 | 63.5 | 6.5 | 47.0 | 1 | 1 | 1 | 1 | 1 | 5 | 1 | 11 | 2 | 1 | 1 | 4 | 1 | 1 | 1 | 1 | 1 | 1 | 7 | 1 | 1 | 140 | 8 | 2.8 | | | | | |

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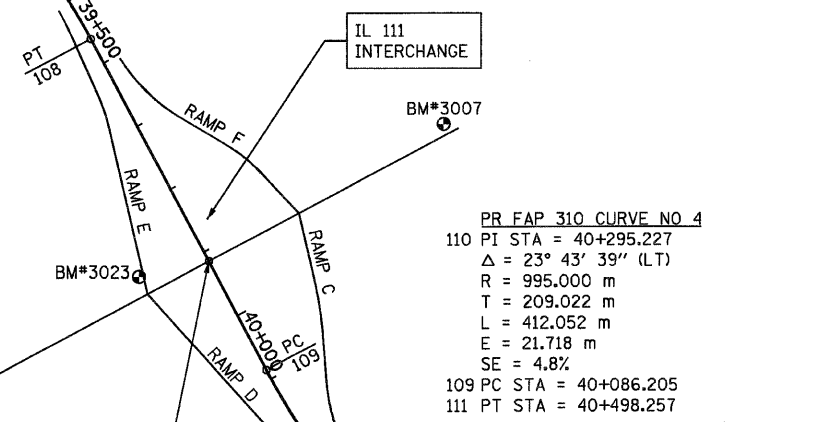
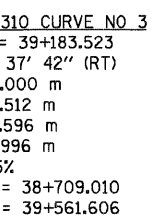
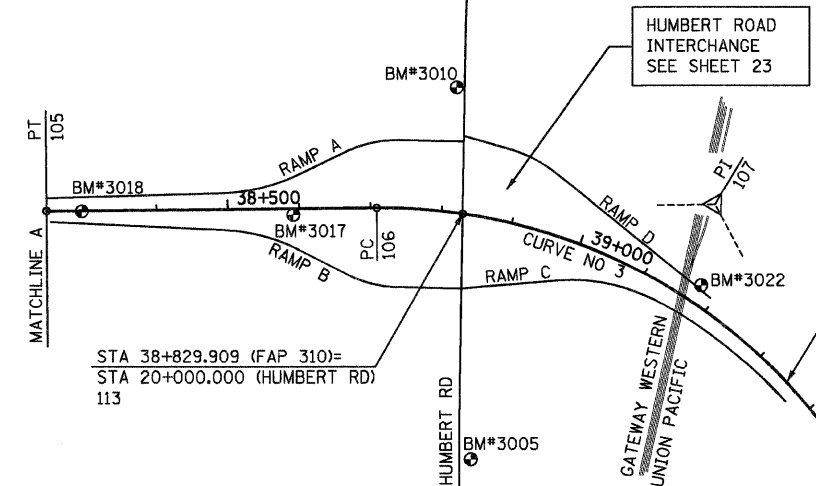
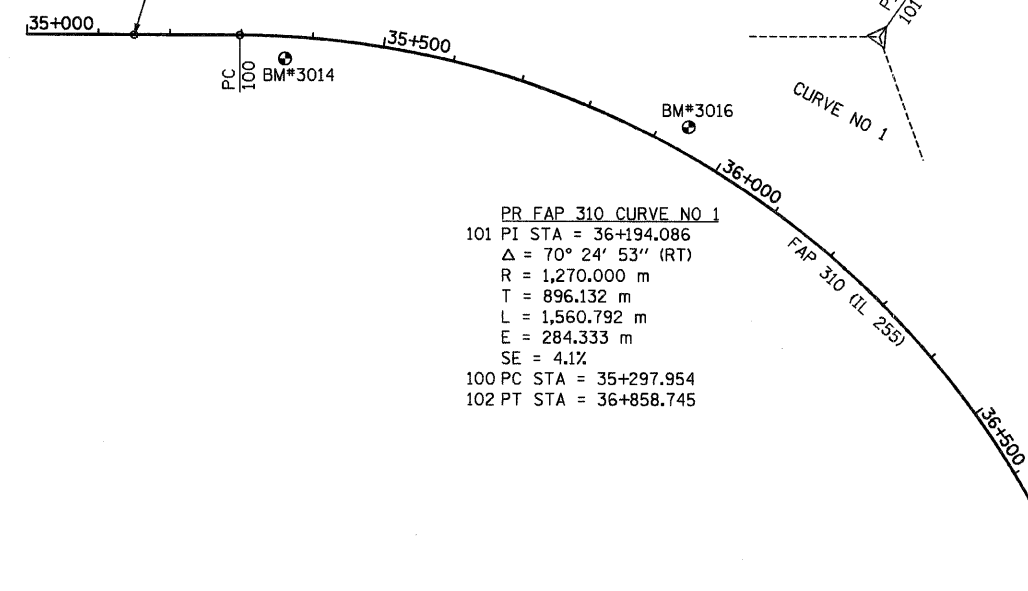
| REVISIONS | |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF QUANTITIES
 FAP 310 (IL 255)
 SECTIONS 60-15-1, 60-15HB-1
 MADISON COUNTY
 DRAWN BY SEB
 DATE 1/2003 CHECKED BY

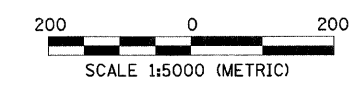
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|--------------------|---------------------------|--------------|-----------|
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 22 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76635 | | | | |

| CONTROL POINTS | | |
|----------------|--------------|--------------|
| POINT | NORTHING | EASTING |
| 100 | 253,215.1909 | 701,492.4699 |
| 101 | 253,215.1990 | 700,596.3380 |
| 102 | 254,059.4870 | 700,295.9546 |
| 103 | 254,455.9892 | 700,154.8859 |
| 104 | 254,980.1650 | 699,968.3930 |
| 105 | 254,974.4927 | 699,412.0589 |
| 106 | 254,969.7738 | 698,949.2235 |
| 107 | 254,964.9360 | 698,474.7360 |
| 108 | 255,384.0772 | 698,252.2896 |
| 109 | 255,847.4601 | 698,006.3632 |
| 110 | 256,032.0913 | 697,908.3758 |
| 111 | 256,161.6866 | 697,744.3781 |
| 112 | 253,215.1905 | 701,540.4235 |
| 113 | 254,977.8964 | 698,828.7196 |
| 114 | 255,695.9215 | 698,086.7876 |
| 115 | 256,460.6840 | 697,366.0089 |

BEGIN PROJECT (FAP 310)
STA 35+150.000
112



| BENCHMARKS | | |
|------------|-----------|--|
| MARK | ELEVATION | DESCRIPTION |
| BM# 3007 | 188.205 | CUT "+" ON WEST FLANGE BOLT OF FIRE HYDRANT LOCATED AT SOUTHEAST CORNER OF THE INTERSECTION OF IL 111 & US 67 - IL 111 STA = 29+619.3, 15.1 m RT |
| BM# 3008 | 186.070 | CUT "+" ON WEST FLANGE BOLT ON FIRE HYDRANT LOCATED AT NORTHEAST CORNER INTERSECTION US 67 & INGHAM LANE - FAP 310 STA = 40+754.8, 8.5 m RT |
| BM# 3009 | 184.977 | 60d NAIL IN POWER POLE LOCATED ON WEST SIDE OF US 67 AND SOUTH OF MAILBOX 7406 |
| BM# 3010 | 187.953 | CUT "+" IN WEST FLANGE BOLT OF FIRE HYDRANT LOCATED ON EAST SIDE HUMBERT ROAD AND NORTH OF MAILBOX 6415 AT HUMBERT RD (ACROSS FROM CHURCH) - HUMBERT STA = 19+822.2, 11.2 m RT |
| BM# 3014 | 149.445 | RAILROAD SPIKE IN 30" DIA TREE LOCATED NEAR WEST EDGE OF FIELD - FAP 310 STA = 35+362.7, 30.8 m RT |
| BM# 3016 | 171.485 | 40d NAIL LIGHT POLE LOCATED NORTH OF HILGENDORF HOUSE, AND EAST OF METAL GARAGE - FAP 310 STA = 35+936.7, 34.8 m LT |
| BM# 3017 | 188.966 | RAILROAD SPIKE IN 12" DIA WALNUT - FAP 310 STA = 38+592.0, 8.7 m RT |
| BM# 3018 | 185.947 | RAILROAD SPIKE IN 8" DIA TREE - FAP 310 STA = 38+295.5, 0.8 m RT |
| BM# 3019 | 175.948 | RAILROAD SPIKE IN 12" DIA HICKORY - FAP 310 STA = 37+997.0, 1.0 m LT |
| BM# 3020 | 178.758 | RAILROAD SPIKE IN 12" DIA TREE - FAP 310 STA = 36+828.0, 0.5 m LT |
| BM# 3021 | 178.523 | RAILROAD SPIKE IN 20" DIA TREE - FAP 310 STA = 37+101.0, 0.0 m RT |
| BM# 3022 | 188.010 | RAILROAD SPIKE IN POWER POLE LOCATED ON WEST SIDE OF RAILROAD TRACKS BETWEEN RAMP D & FAP 310 - FAP 310 STA = 39+173.5, 27.0 m LT |
| BM# 3023 | 187.116 | CHSLD "X" ON WEST FLANGE BOLT OF FIRE HYDRANT LOCATED ON SOUTH SIDE OF IL 111 IN FRONT OF RISTER'S AUTO |



| REVISIONS | |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
ALIGNMENT & BENCHMARK DATA
FAP 310 (IL 255)
SECTIONS 60-15-1, 60-15HB-1
MADISON COUNTY
DRAWN BY B.G.J.
CHECKED BY
DATE

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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|--------------------|---------------------------|--------------|-----------|
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 23 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76635 | | | | |

| CONTROL POINTS | | |
|----------------|---------------|---------------|
| POINT | NORTHING | EASTING |
| 200 | 254, 876.0104 | 698, 827.0311 |
| 201 | 254, 874.4964 | 698, 918.3831 |
| 202 | 254, 873.8468 | 698, 957.5811 |
| 203 | 254, 890.8979 | 698, 992.8822 |
| 204 | 254, 923.5183 | 699, 060.4166 |
| 205 | 254, 947.6082 | 699, 110.2902 |
| 206 | 254, 949.2802 | 699, 165.6518 |
| 207 | 254, 956.7212 | 699, 412.0244 |
| 208 | 254, 958.2950 | 699, 464.1360 |
| 209 | 254, 952.7843 | 699, 515.9792 |
| 210 | 254, 990.1323 | 699, 406.0501 |
| 211 | 255, 000.8908 | 699, 163.2083 |
| 212 | 255, 003.3558 | 699, 107.5671 |
| 213 | 255, 028.7953 | 699, 058.0207 |
| 214 | 255, 063.0523 | 698, 991.3013 |
| 215 | 255, 080.6103 | 698, 957.1052 |
| 216 | 255, 081.2473 | 698, 918.6701 |
| 217 | 255, 082.7092 | 698, 830.4566 |
| 218 | 255, 071.6562 | 698, 696.8803 |
| 219 | 255, 065.8432 | 698, 626.6310 |
| 220 | 255, 096.9365 | 698, 563.3699 |
| 221 | 255, 115.1106 | 698, 526.3936 |
| 222 | 255, 138.8303 | 698, 492.7051 |
| 223 | 255, 183.5622 | 698, 429.1737 |
| 224 | 255, 240.2246 | 698, 376.0084 |
| 225 | 255, 096.1499 | 698, 481.6737 |
| 226 | 254, 922.2983 | 698, 695.4855 |
| 227 | 254, 897.0846 | 698, 726.4946 |
| 228 | 254, 886.1023 | 698, 764.9224 |
| 229 | 254, 868.3883 | 698, 826.9048 |
| 230 | 254, 583.0037 | 698, 820.0350 |
| 231 | 254, 712.9327 | 698, 824.3285 |
| 232 | 255, 229.3618 | 698, 832.8870 |
| 233 | 255, 312.8595 | 698, 833.5144 |
| 234 | 255, 442.8543 | 698, 832.3511 |

PR CURVE RAMP A-3
 208 PI STA = 0+651.106
 $\Delta = 7^\circ 47' 51''$ (RT)
 R = 765.000 m
 T = 52.135 m
 L = 104.110 m
 E = 1.774 m
 SE = 5.5% (MATCH FAP 310)
 207 PC STA = 0+598.971
 209 PT STA = 0+703.081

PR CURVE RAMP A-2
 205 PI STA = 0+298.731
 $\Delta = 24^\circ 03' 05''$ (RT)
 R = 260.000 m
 T = 55.387 m
 L = 109.142 m
 E = 5.834 m
 SE = 6.0%
 204 PC STA = 0+243.344
 206 PT STA = 0+352.486

PR CURVE RAMP A-1
 202 PI STA = 0+130.568
 $\Delta = 26^\circ 43' 51''$ (LT)
 R = 165.000 m
 T = 39.203 m
 L = 76.979 m
 E = 4.593 m
 SE = 6.0%
 201 PC STA = 0+091.365
 203 PT STA = 0+168.344

PR CURVE RAMP D-1
 227 PI STA = 0+315.538
 $\Delta = 23^\circ 09' 55''$ (LT)
 R = 195.000 m
 T = 39.966 m
 L = 78.841 m
 E = 4.054 m
 SE = 5.8%
 226 PC STA = 0+275.572
 228 PT STA = 0+354.413

PR CURVE RAMP B-1
 212 PI STA = 0+298.776
 $\Delta = 24^\circ 38' 29''$ (RT)
 R = 255.000 m
 T = 55.696 m
 L = 109.669 m
 E = 6.012 m
 SE = 6.0%
 211 PC STA = 0+243.080
 213 PT STA = 0+352.749

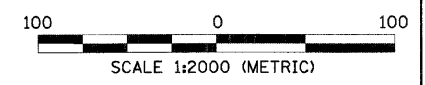
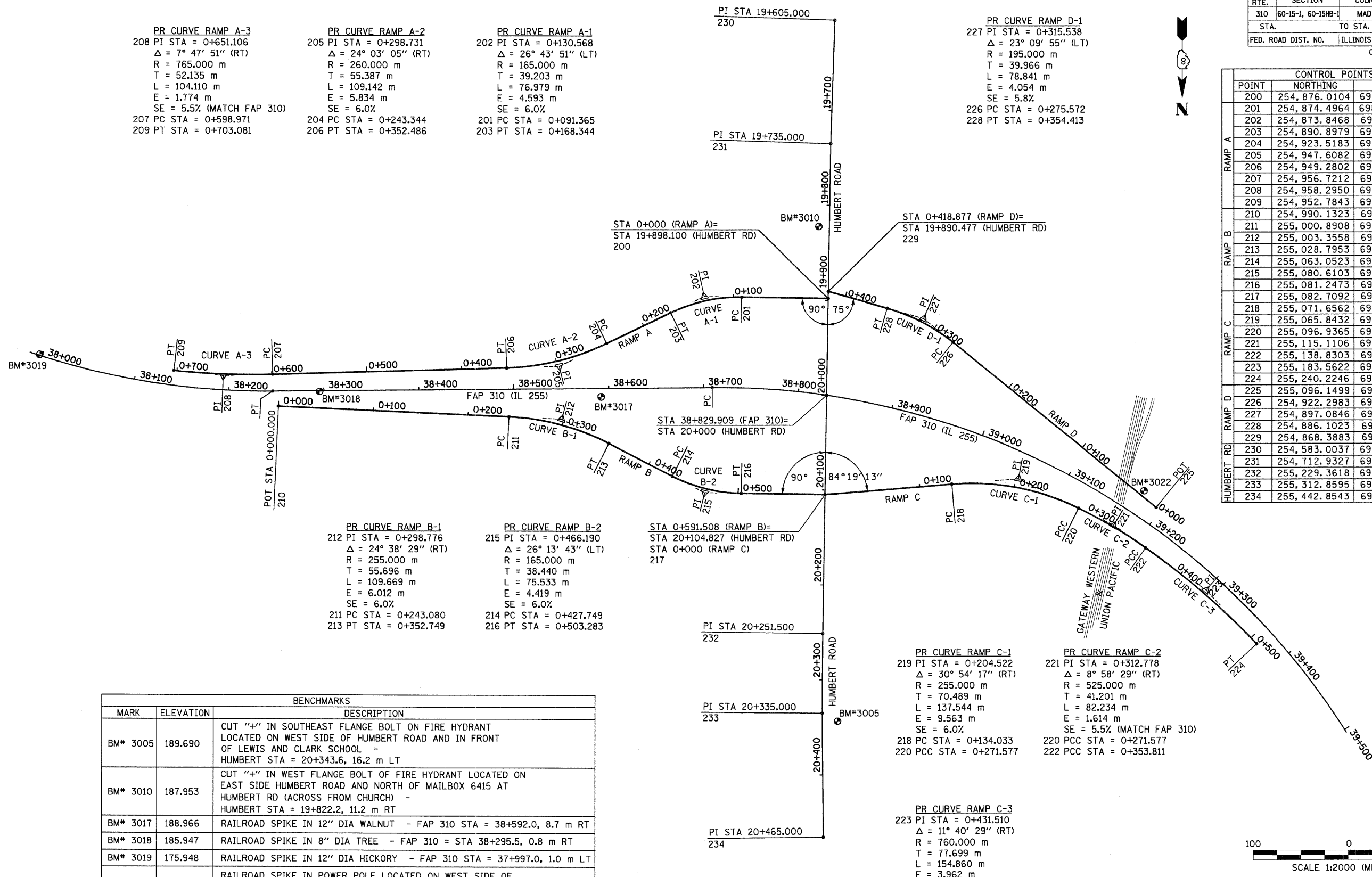
PR CURVE RAMP B-2
 215 PI STA = 0+466.190
 $\Delta = 26^\circ 13' 43''$ (LT)
 R = 165.000 m
 T = 38.440 m
 L = 75.533 m
 E = 4.419 m
 SE = 6.0%
 214 PC STA = 0+427.749
 216 PT STA = 0+503.283

PR CURVE RAMP C-1
 219 PI STA = 0+204.522
 $\Delta = 30^\circ 54' 17''$ (RT)
 R = 255.000 m
 T = 70.489 m
 L = 137.544 m
 E = 9.563 m
 SE = 6.0%
 218 PC STA = 0+134.033
 220 PCC STA = 0+271.577

PR CURVE RAMP C-2
 221 PI STA = 0+312.778
 $\Delta = 8^\circ 58' 29''$ (RT)
 R = 525.000 m
 T = 41.201 m
 L = 82.234 m
 E = 1.614 m
 SE = 5.5% (MATCH FAP 310)
 220 PCC STA = 0+271.577
 222 PCC STA = 0+353.811

PR CURVE RAMP C-3
 223 PI STA = 0+431.510
 $\Delta = 11^\circ 40' 29''$ (RT)
 R = 760.000 m
 T = 77.699 m
 L = 154.860 m
 E = 3.962 m
 SE = 5.5% (MATCH FAP 310)
 222 PCC STA = 0+353.811
 224 PT STA = 0+508.671

| BENCHMARKS | | |
|------------|-----------|--|
| MARK | ELEVATION | DESCRIPTION |
| BM* 3005 | 189.690 | CUT "+" IN SOUTHEAST FLANGE BOLT ON FIRE HYDRANT LOCATED ON WEST SIDE OF HUMBERT ROAD AND IN FRONT OF LEWIS AND CLARK SCHOOL - HUMBERT STA = 20+343.6, 16.2 m LT |
| BM* 3010 | 187.953 | CUT "+" IN WEST FLANGE BOLT OF FIRE HYDRANT LOCATED ON EAST SIDE HUMBERT ROAD AND NORTH OF MAILBOX 6415 AT HUMBERT RD (ACROSS FROM CHURCH) - HUMBERT STA = 19+822.2, 11.2 m RT |
| BM* 3017 | 188.966 | RAILROAD SPIKE IN 12" DIA WALNUT - FAP 310 STA = 38+592.0, 8.7 m RT |
| BM* 3018 | 185.947 | RAILROAD SPIKE IN 8" DIA TREE - FAP 310 = STA 38+295.5, 0.8 m RT |
| BM* 3019 | 175.948 | RAILROAD SPIKE IN 12" DIA HICKORY - FAP 310 STA = 37+997.0, 1.0 m LT |
| BM* 3022 | 188.010 | RAILROAD SPIKE IN POWER POLE LOCATED ON WEST SIDE OF RAILROAD TRACKS BETWEEN RAMP D & FAP 310 - FAP 310 STA = 39+173.5, 27.0 m LT |

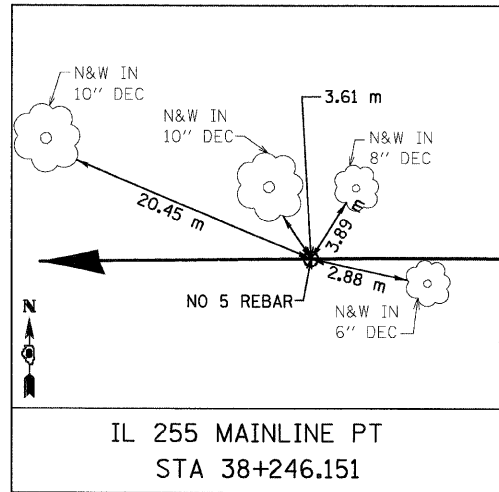


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ILLINOIS DEPARTMENT OF TRANSPORTATION
 ALIGNMENT & BENCHMARK DATA
 FAP 310 (IL 255)
 SECTIONS 60-15-1, 60-15HB-1
 MADISON COUNTY
 DRAWN BY BGJ
 CHECKED BY
 DATE

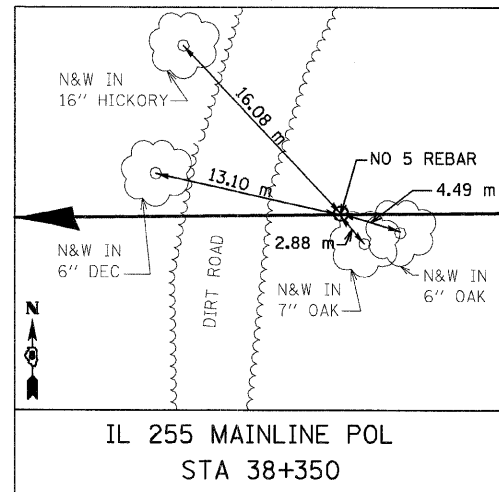
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|---------------------|--------------------|------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 24 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |
| CONTRACT NO. 76635 | | | | |



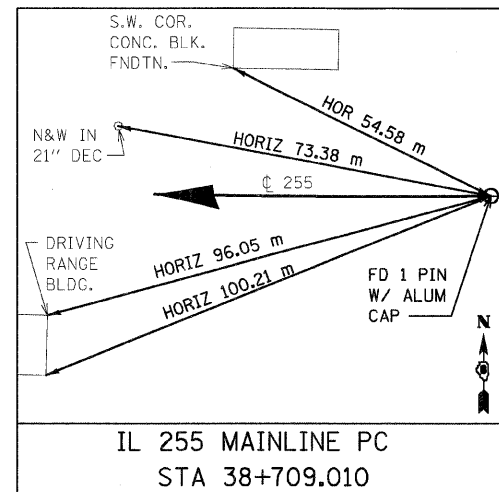
IL 255 MAINLINE PT
STA 38+246.151

N 254,974.4927 E 699,412.0589



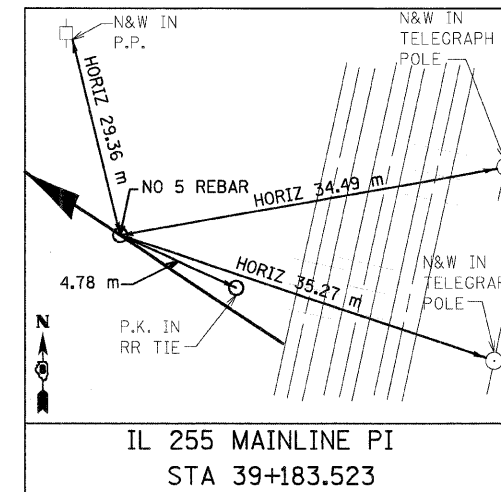
IL 255 MAINLINE POL
STA 38+350

N 254,973.4340 E 699,308.2153



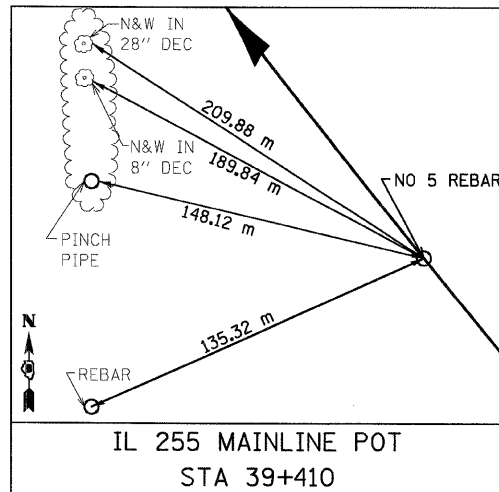
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STA 38+709.010

N 254,969.7738 E 698,949.2235



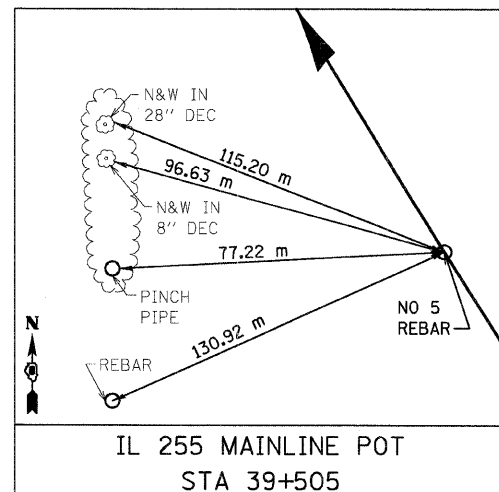
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STA 39+183.523

N 254,964.9360 E 698,474.7360



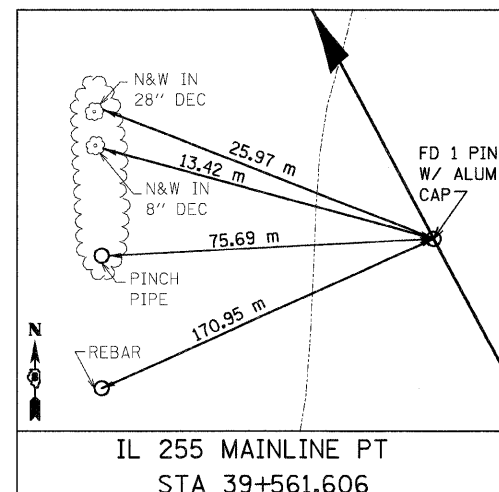
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STA 39+410

N 255,257.8887 E 698,335.8878



IL 255 MAINLINE POT
STA 39+505

N 255,335.0827 E 698,280.6163



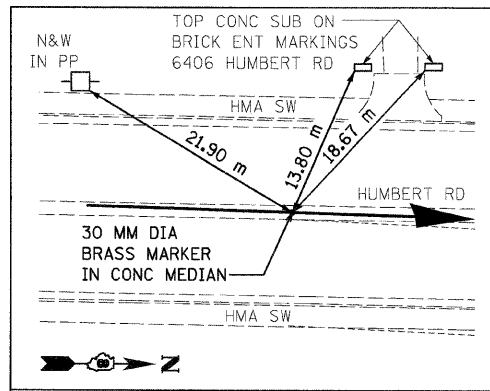
IL 255 MAINLINE PT
STA 39+561.606

N 255,384.0772 E 698,252.2896

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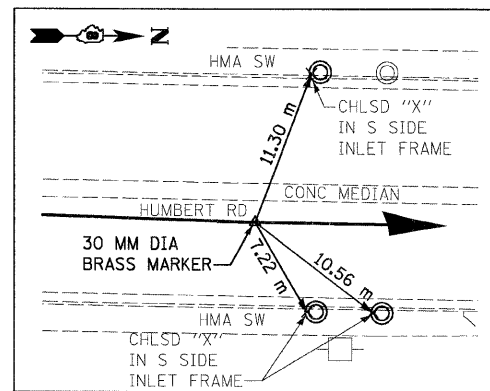
ILLINOIS DEPARTMENT OF TRANSPORTATION
HORIZONTAL CONTROL POINTS
FAP 310 (IL 255)
SECTIONS 60-15-1, 60-15HB-1
MADISON COUNTY
DRAWN BY KAH
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DATE

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|---------------------|--------------------|---------------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 25 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76635 | | | | |



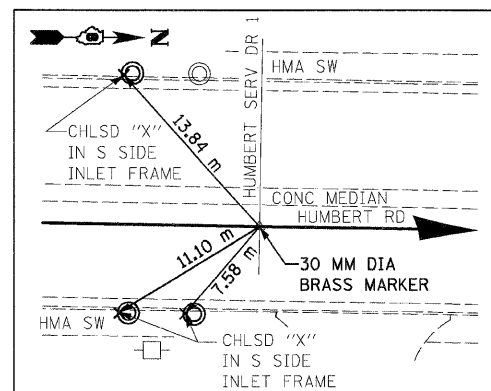
HUMBERT RD PI STA 19+605

N 254,583.0037 E 698,820.0350



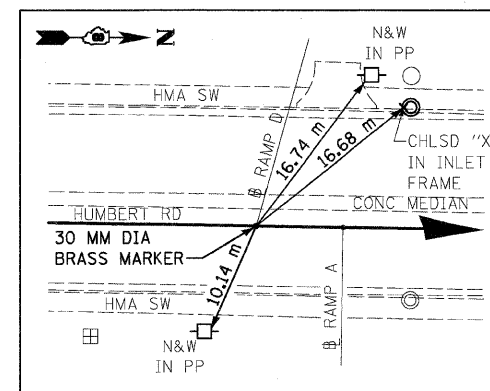
HUMBERT RD POT STA 19+735

N 254,712.9327 E 698,824.3285



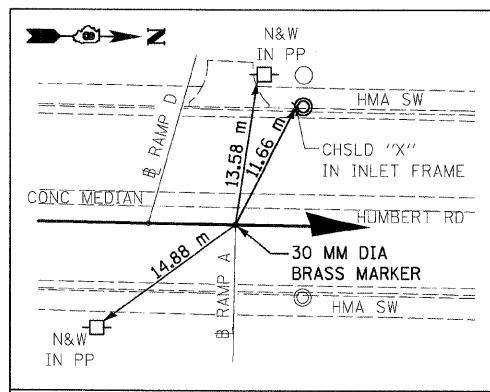
HUMBERT RD POT STA 19+748.469
= HUMBERT SERV DR 1
PI STA 40+000

N 254,726.3994 E 698,824.5517



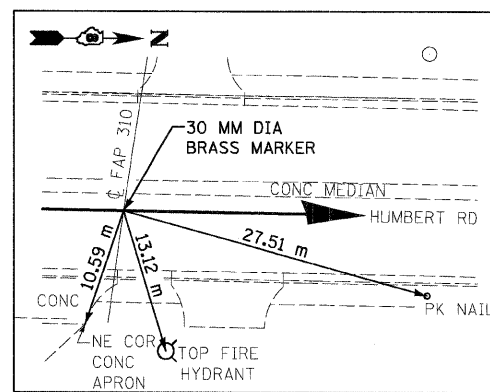
HUMBERT RD POT STA 19+890.477
= RAMP D PI STA 0+418.877

N 254,868.3883 E 698,826.9048



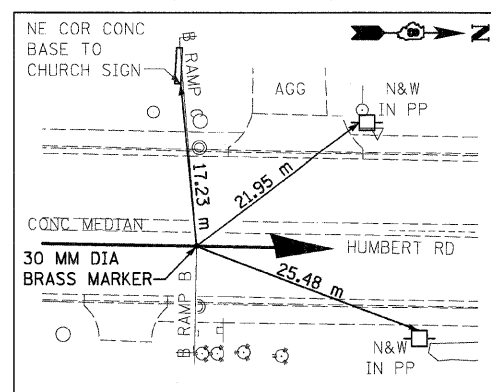
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= RAMP A PI STA 0+000

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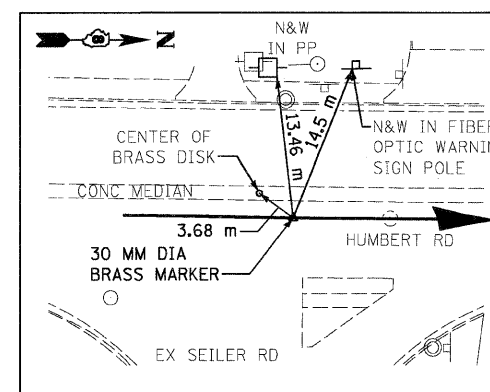
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FAP 310 POT STA 38+829.909

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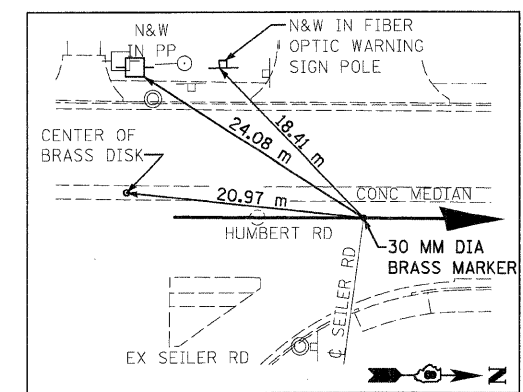
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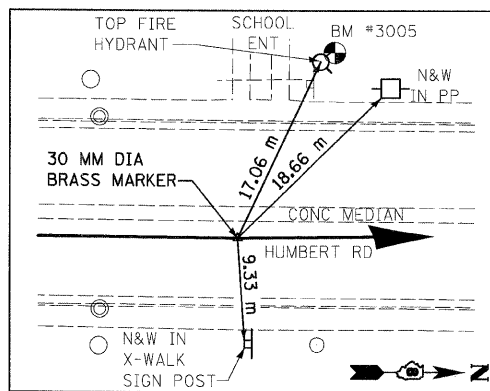
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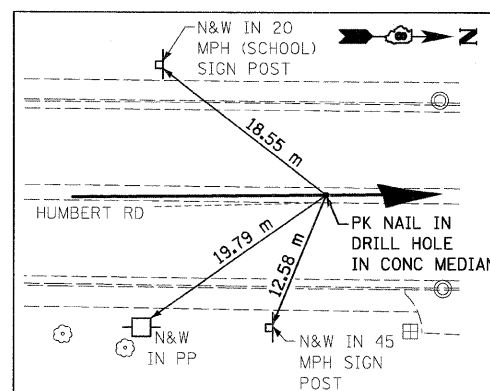
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= SEILER RD PI STA 1+000

N 255,247.1800 E 698,833.0209



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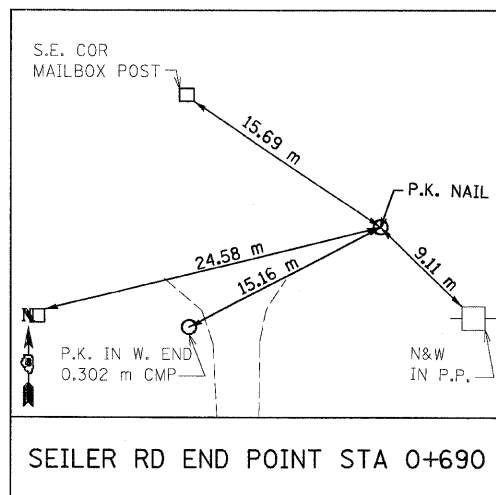
HUMBERT RD POT STA 20+465

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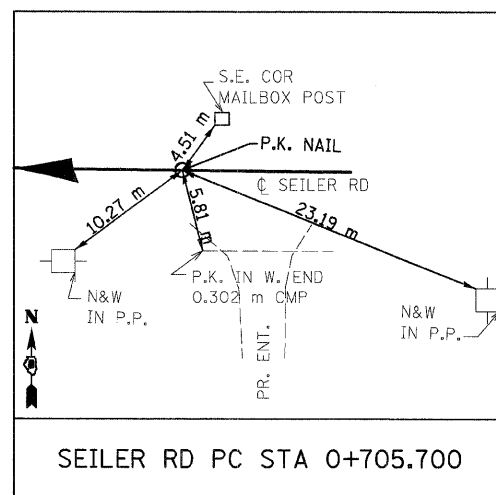
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ILLINOIS DEPARTMENT OF TRANSPORTATION
HORIZONTAL CONTROL POINTS
FAP 310 (IL 255)
SECTIONS 60-15-1, 60-15HB-1
MADISON COUNTY
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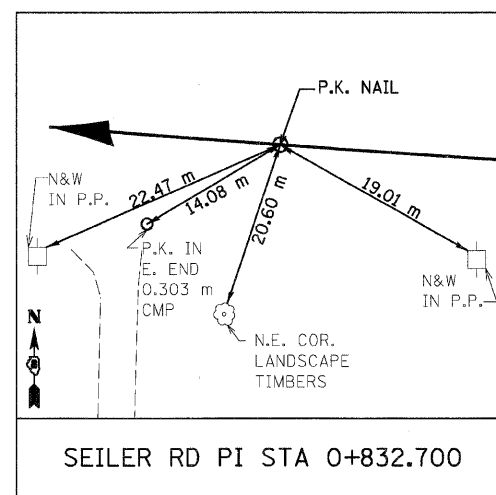
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| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 26 |
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| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76635 | | | | |



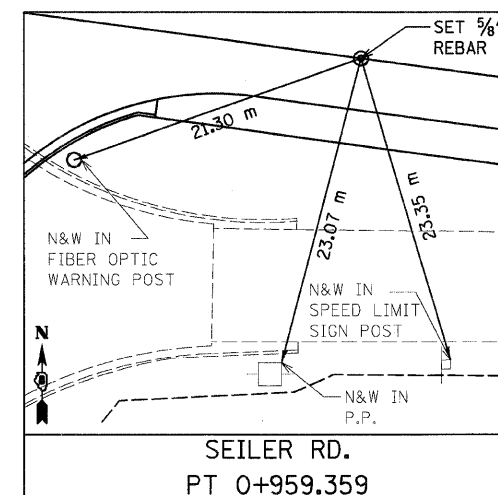
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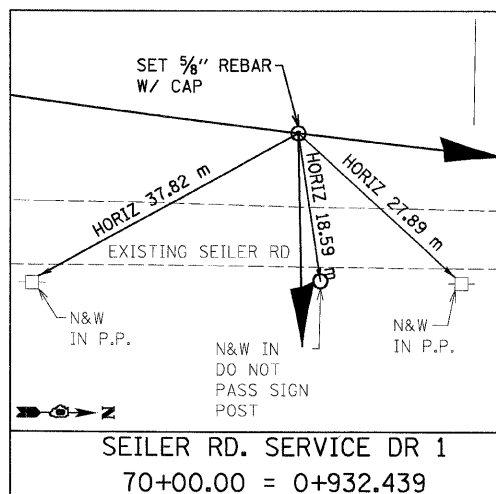
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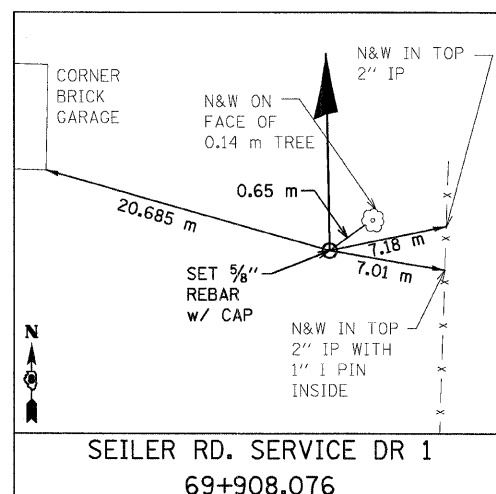
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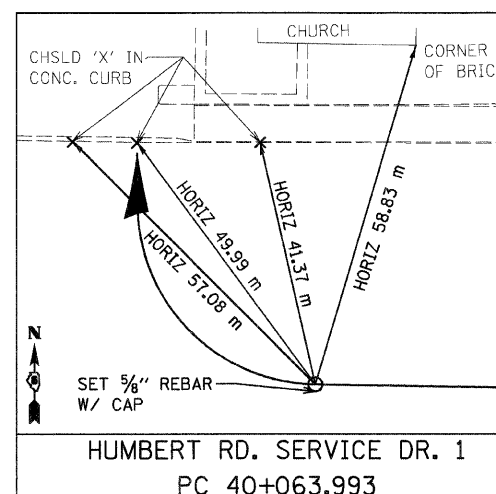
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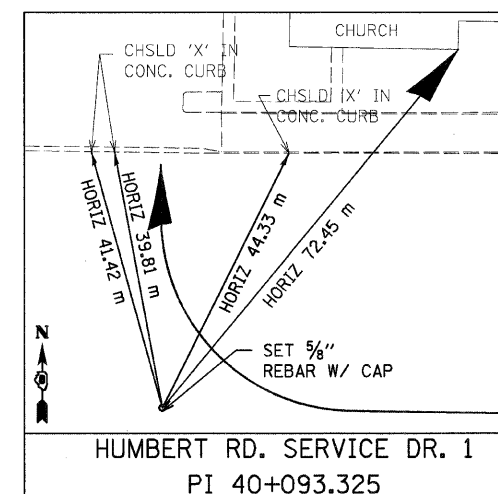
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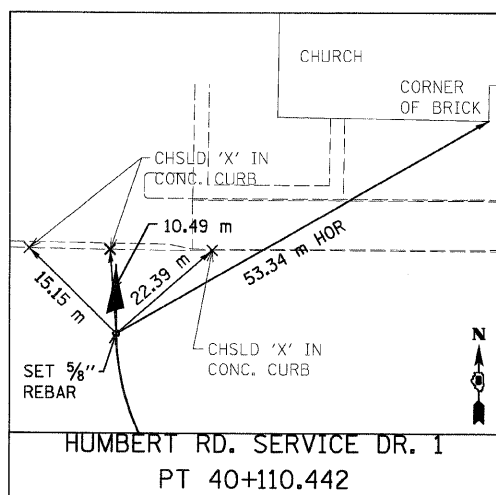
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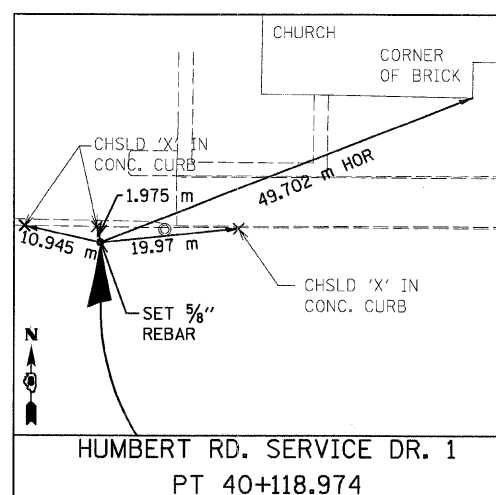
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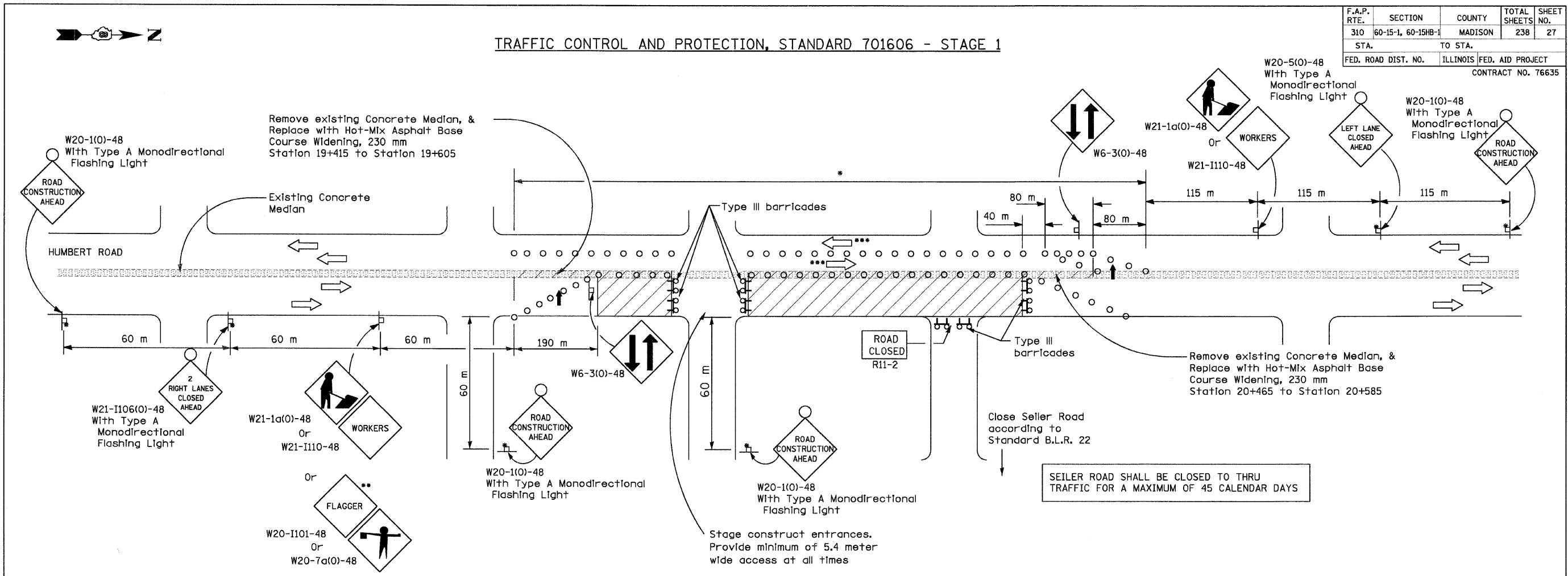
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ILLINOIS DEPARTMENT OF TRANSPORTATION
HORIZONTAL CONTROL POINTS
FAP 310 (IL 255)
SECTIONS 60-15-1, 60-15HB-1
MADISON COUNTY
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| FED. ROAD DIST. NO. | | CONTRACT NO. 76635 | | |

TRAFFIC CONTROL AND PROTECTION, STANDARD 701606 - STAGE 1



STAGE CONSTRUCTION SEQUENCE

THE FOLLOWING STAGE CONSTRUCTION SEQUENCE IS FOR INFORMATION ONLY. THE CONTRACTOR IS RESPONSIBLE FOR PLANNING AND EXECUTING THIS PROJECT WHICH SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.

STAGE CONSTRUCTION OF HUMBERT ROAD (CH 4)

STAGE 1

REMOVE CONCRETE MEDIAN AND REPLACE WITH HOT-MIX ASPHALT BASE COURSE WIDENING FROM STATION 19+415 TO 19+605 AND STATION 20+465 TO 20+585. UTILIZE TRAFFIC CONTROL AND PROTECTION STANDARD 701602.

SET UP TRAFFIC CONTROL AND PROTECTION ACCORDING TO TRAFFIC CONTROL AND PROTECTION 701606.

CONSTRUCT PCC PAVEMENT, DRAINAGE STRUCTURES, CONCRETE CURB AND GUTTER, HOT-MIX ASPHALT SHOULDERS, CONCRETE MEDIAN AND OTHER MISCELLANEOUS ITEMS ON EAST SIDE OF HUMBERT ROAD.

CLOSE SEILER ROAD TO THRU TRAFFIC ACCORDING TO B.L.R. STANDARD 22. CONSTRUCT SEILER ROAD WHILE PROVIDING LOCAL ACCESS.

STAGE 2

OPEN NORTHBOUND LANES TO NORTHBOUND TRAFFIC.

SET UP TRAFFIC CONTROL AND PROTECTION ACCORDING TO STANDARD 701606, CLOSING THE WEST SOUTH BOUND TRAFFIC LANE.

CONSTRUCT PCC PAVEMENT, DRAINAGE STRUCTURES, CONCRETE CURB AND GUTTER, HOT-MIX ASPHALT SHOULDERS AND OTHER MISCELLANEOUS ITEMS ON WEST SIDE OF HUMBERT ROAD.

REMOVE HOT-MIX ASPHALT BASE COURSE WIDENING AND REPLACE WITH CORRUGATED PC CONCRETE MEDIAN FROM STATION 19+415 TO 19+605 AND STATION 20+465 TO 20+585. UTILIZE TRAFFIC CONTROL AND PROTECTION STANDARD 701602.

CONSTRUCTION OF BRIDGE STRUCTURES AND EMBANKMENT CONES SHALL CORRESPOND WITH THE STAGE CONSTRUCTION OF HUMBERT ROAD AS CLOSELY AS POSSIBLE. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION OF THE STRUCTURES AND ROADWAY TO MINIMIZE CONSTRUCTION DELAY AND IMPACT ON TRAFFIC.

SYMBOLS

- Work area
- Drum or barricade
- Sign on portable or permanent support
- Sign with type A monodirectional flashing light
- Arrow board
- Barricade or drum with flashing light
- Type III barricade with flashing lights
- Flagger with traffic control sign.

GENERAL NOTES

- * Drums at 8 m (25') centers for first and last 75 m (250'). Intermediate cones may be placed at 15 m (50') centers. When drums or Type I or Type II barricades are used, the interval between devices may be doubled.
- ** Use flagger sign only when flagger is present. Flaggers shall be required according to Article 701.04.
- Warning signs shall be fluorescent orange.
- *** Traffic lane widths shall be a minimum of 3.2 m.

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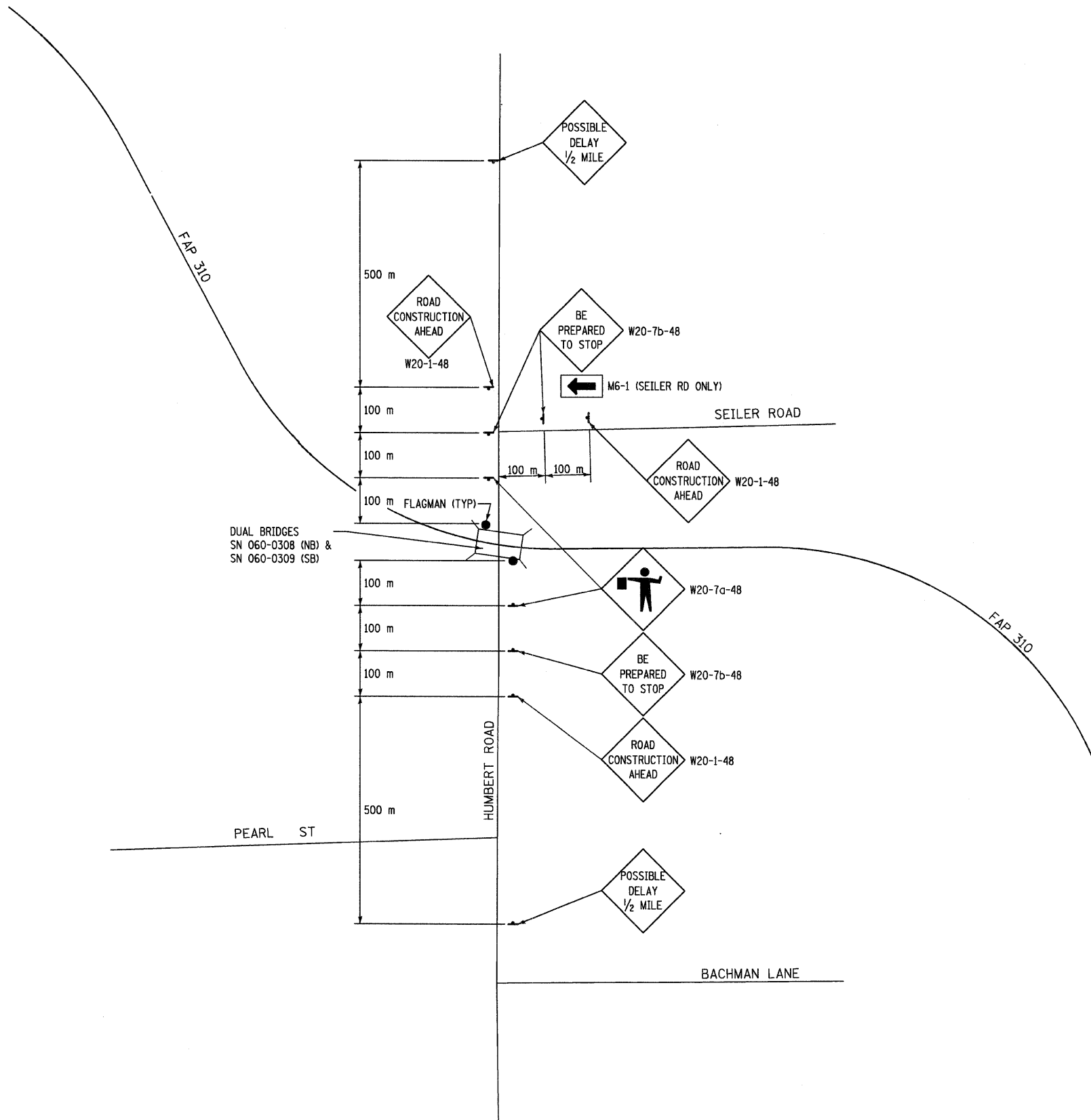
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 TRAFFIC CONTROL & PROTECTION
 FAP 310 (IL 255)
 SECTIONS 60-15-1, 60-15HB-1
 MADISON COUNTY
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TRAFFIC CONTROL AND PROTECTION, STRUCTURAL STEEL ERECTION



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| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 28 |
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GENERAL NOTES

ALL SIGNS SHOWN SHALL:

1. BE COVERED OR REMOVED AT THE END OF EACH WORK DAY.
2. BE 1.22m x 1.22m AND HAVE 150mm "D" SIZE LETTERS AND NUMBERS ON A FLOURESCENT ORANGE REFLECTIVE BACKGROUND.
3. BE FURNISHED, ERECTED, AND MAINTAINED BY THE CONTRACTOR.
4. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS AND OTHER TRAFFIC CONTROL SIGNAGE IN PLACE.
5. BE REMOVED WHEN NOT REQUIRED FOR FUTURE USE.

THE COST OF ALL FLAGGERS AND TRAFFIC CONTROL DEVICES AS HEREIN SPECIFIED SHALL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL).

EXACT LOCATION OF ALL TRAFFIC CONTROL ITEMS SHALL BE APPROVED BY THE ENGINEER.

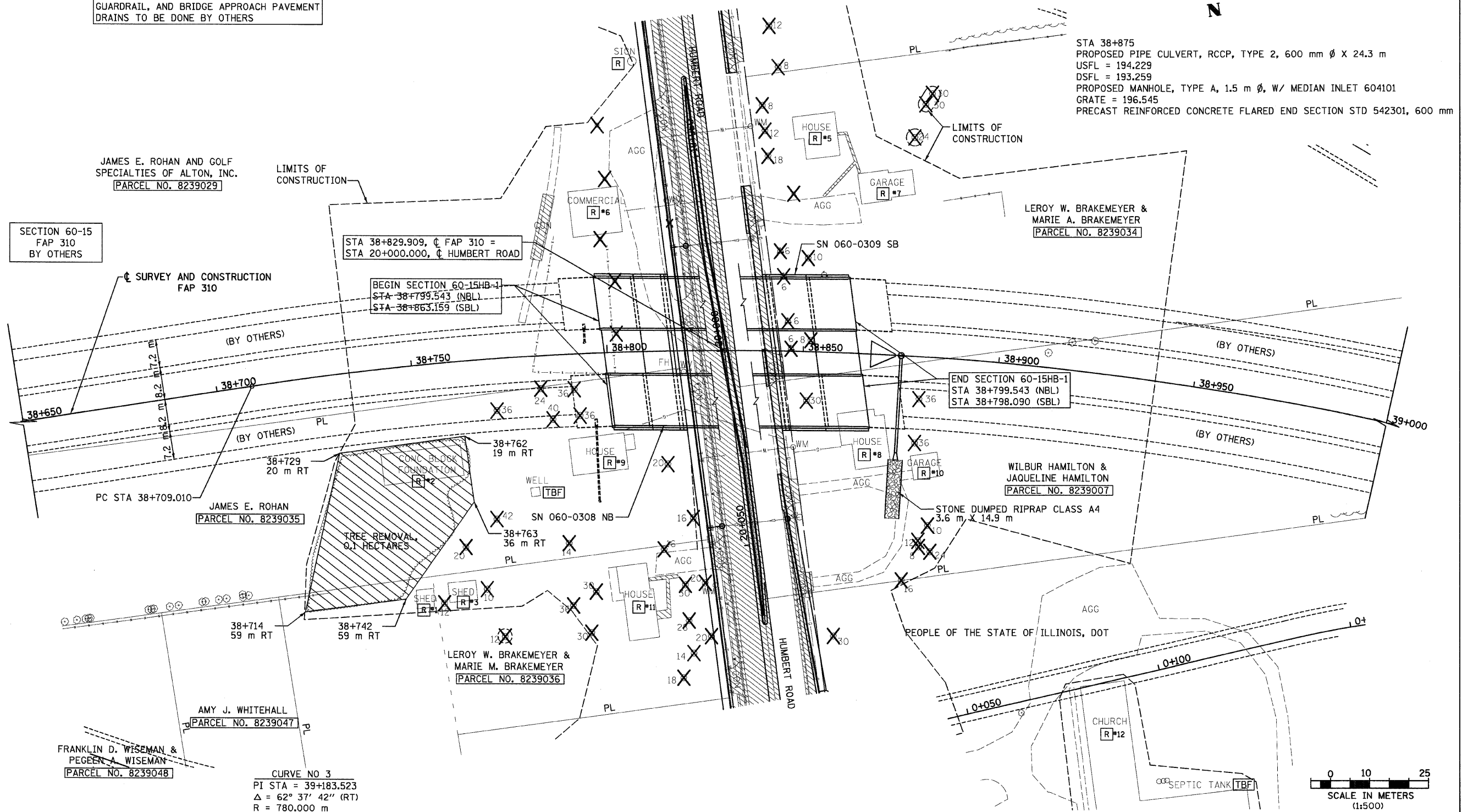
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| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 29 |
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PROPOSED BRIDGE APPROACH PAVEMENTS, GUARDRAIL, AND BRIDGE APPROACH PAVEMENT DRAINS TO BE DONE BY OTHERS



STA 38+875
 PROPOSED PIPE CULVERT, RCCP, TYPE 2, 600 mm ϕ X 24.3 m
 USFL = 194.229
 DSFL = 193.259
 PROPOSED MANHOLE, TYPE A, 1.5 m ϕ , W/ MEDIAN INLET 604101
 GRATE = 196.545
 PRECAST REINFORCED CONCRETE FLARED END SECTION STD 542301, 600 mm

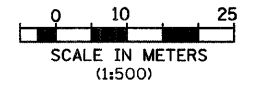
SECTION 60-15
 FAP 310
 BY OTHERS

JAMES E. ROHAN AND GOLF SPECIALTIES OF ALTON, INC.
 [PARCEL NO. 8239029]

STA 38+829.909, ϕ FAP 310 =
 STA 20+000.000, ϕ HUMBERT ROAD
 BEGIN SECTION 60-15HB-1
 STA 38+799.543 (NBL)
 STA 38+863.159 (SBL)

END SECTION 60-15HB-1
 STA 38+799.543 (NBL)
 STA 38+798.090 (SBL)

CURVE NO 3
 PI STA = 39+183.523
 $\Delta = 62^\circ 37' 42''$ (RT)
 R = 780.000 m
 T = 474.512 m
 L = 852.596 m
 E = 132.996 m
 PC STA = 38+709.010
 PT STA = 39+561.606
 SE = 5.5%
 SE ATTAINED STA 38+649.000 TO STA 38+729.000
 SE REMOVED STA 39+542.000 TO STA 39+622.000



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ILLINOIS DEPARTMENT OF TRANSPORTATION
 PLAN
 FAP 310 (IL 255)
 SECTIONS 60-15-1, 60-15HB-1
 MADISON COUNTY

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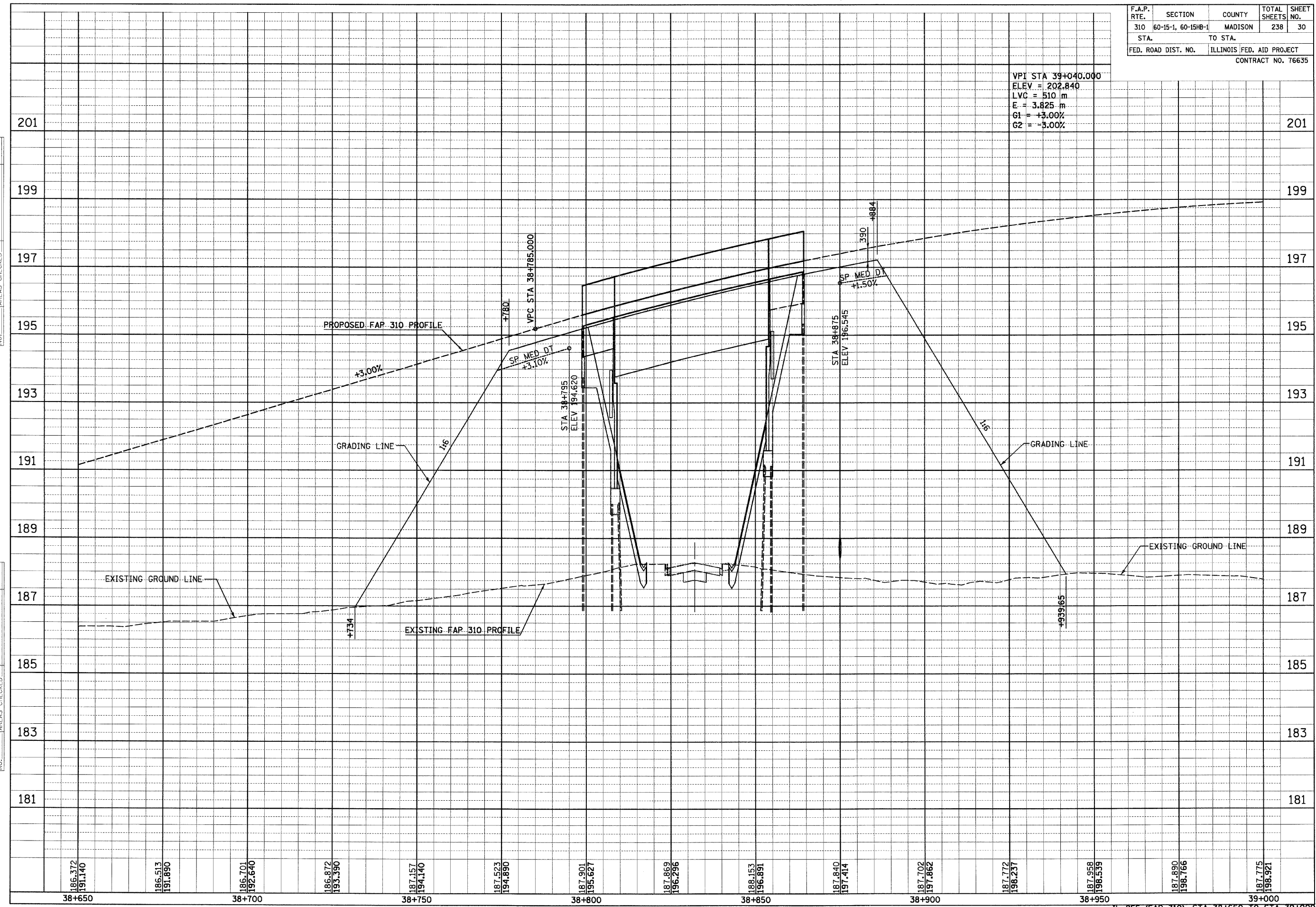
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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 30 |
| STA. | | TO STA. | | |
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| CONTRACT NO. 76635 | | | | |

VPI STA 39+040.000
 ELEV = 202.840
 LVC = 510 m
 E = 3.825 m
 G1 = +3.00%
 G2 = -3.00%

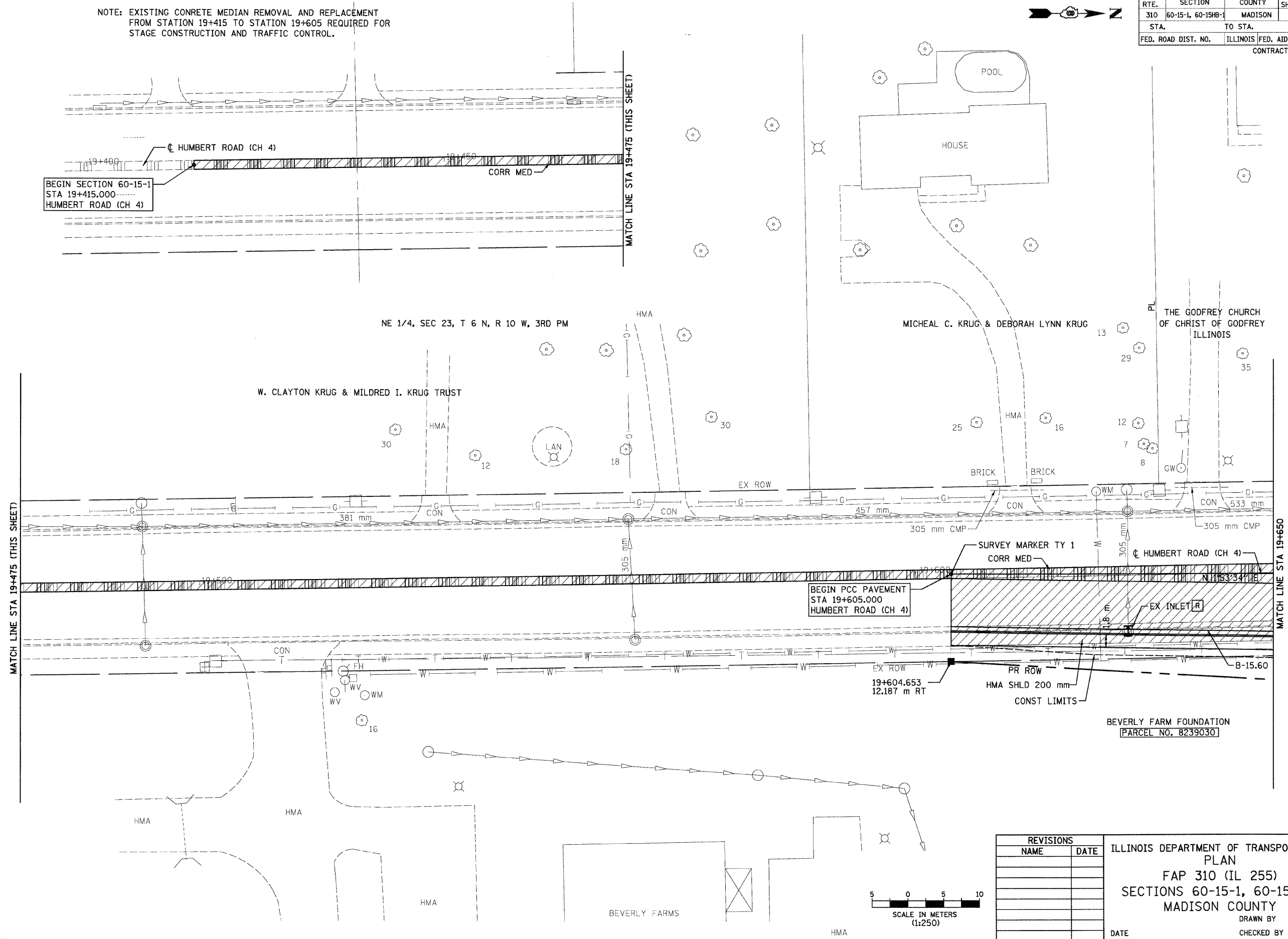


186.372 191.140 186.513 191.890 186.701 192.640 186.872 193.390 187.157 194.140 187.523 194.890 187.901 195.627 187.869 196.296 188.153 196.891 187.840 197.414 187.702 197.862 187.772 198.237 187.958 198.599 187.890 198.766 187.775 198.921 38+650 38+700 38+750 38+800 38+850 38+900 38+950 39+000

IL 255 (FAP 310), STA 38+650 TO STA 39+000

NOTE: EXISTING CONCRETE MEDIAN REMOVAL AND REPLACEMENT FROM STATION 19+415 TO STATION 19+605 REQUIRED FOR STAGE CONSTRUCTION AND TRAFFIC CONTROL.

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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 31 |
| STA. | | TO STA. | | |
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| CONTRACT NO. 76635 | | | | |



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ILLINOIS DEPARTMENT OF TRANSPORTATION
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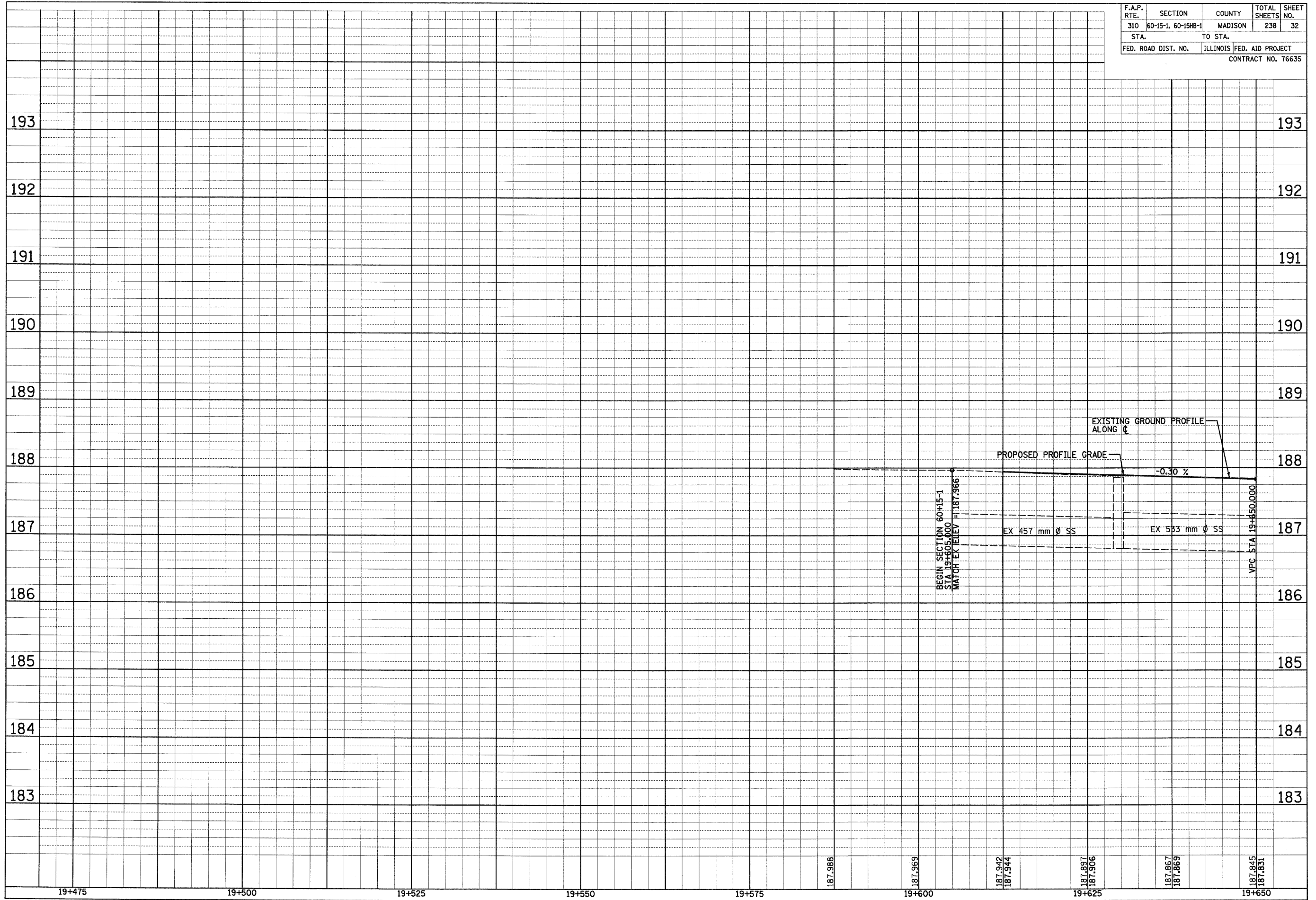
HUMBERT ROAD STA 19+605 TO STA 19+650

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| CONTRACT NO. 76635 | | | | |

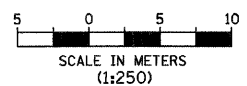
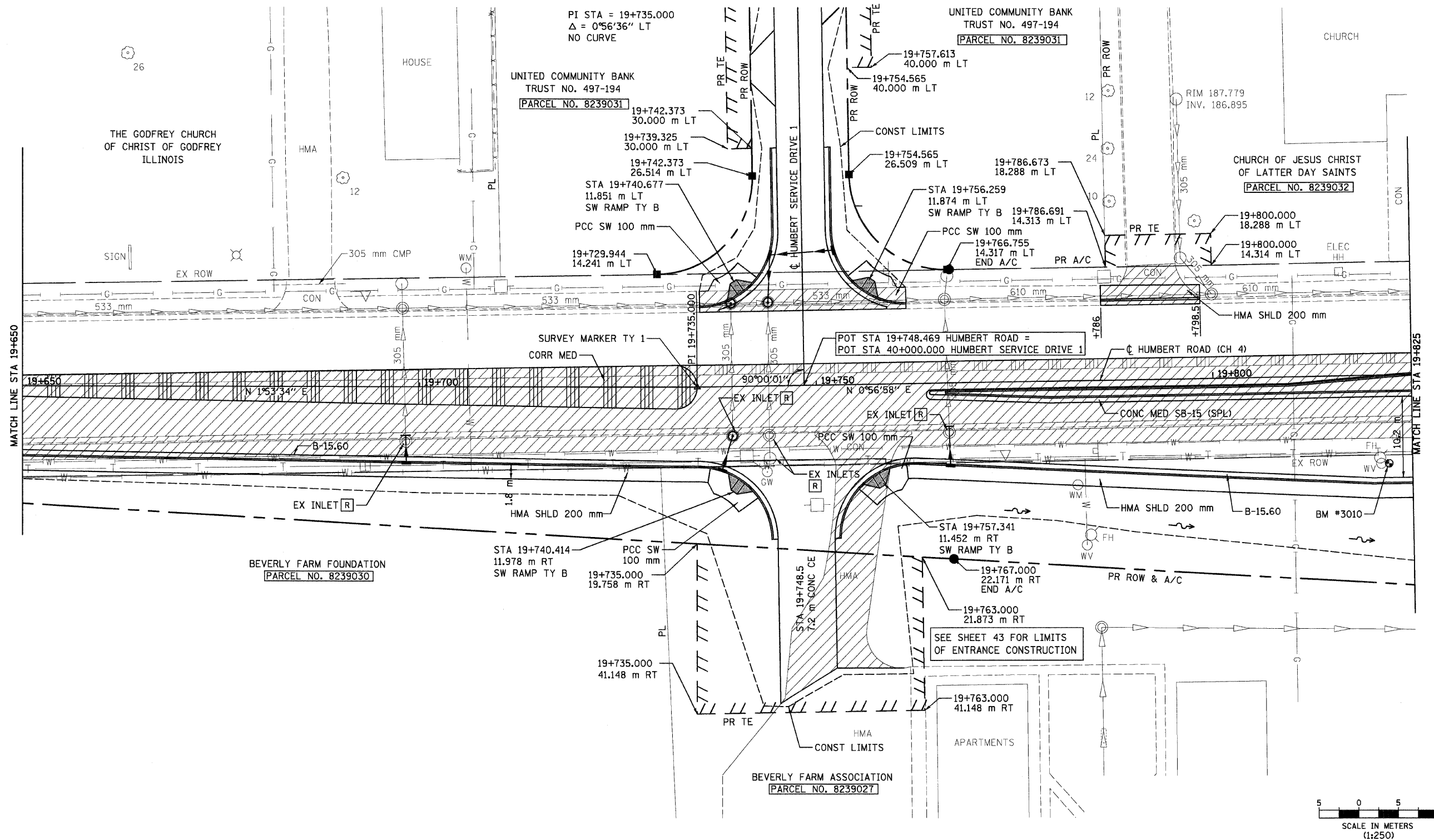


HUMBERT ROAD STA 19+605 TO STA 19+650

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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
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| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 33 |
| STA. 19+650 | | TO STA. 19+825 | | |
| ILLINOIS | | FED. AID PROJECT | | |
| CONTRACT NO. 76635 | | | | |

SEE SHEET 43 FOR HUMBERT SERVICE DRIVE 1 PLAN AND PROFILE



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ILLINOIS DEPARTMENT OF TRANSPORTATION
 PLAN
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 MADISON COUNTY
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HUMBERT ROAD STA 19+650 TO STA 19+825

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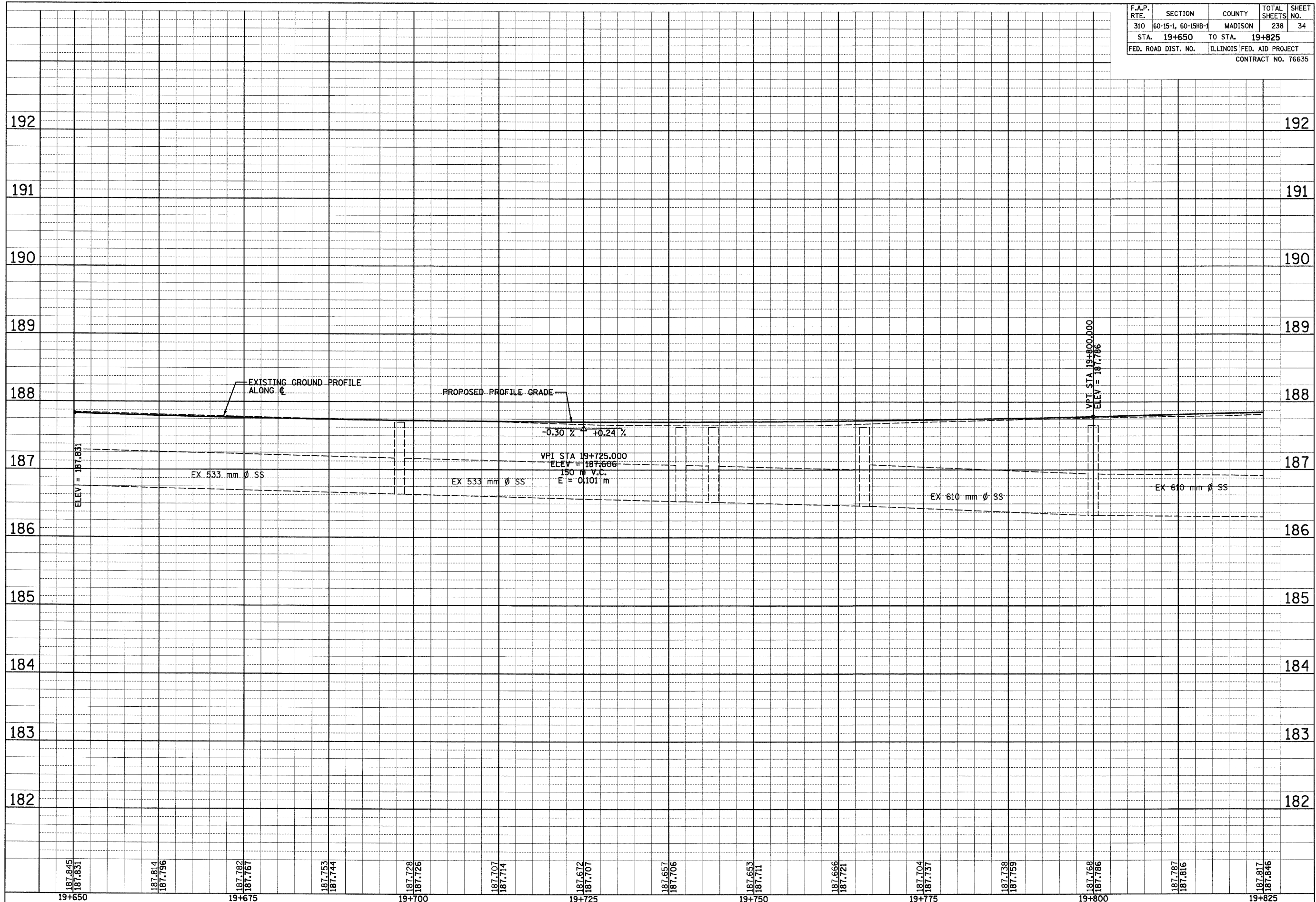
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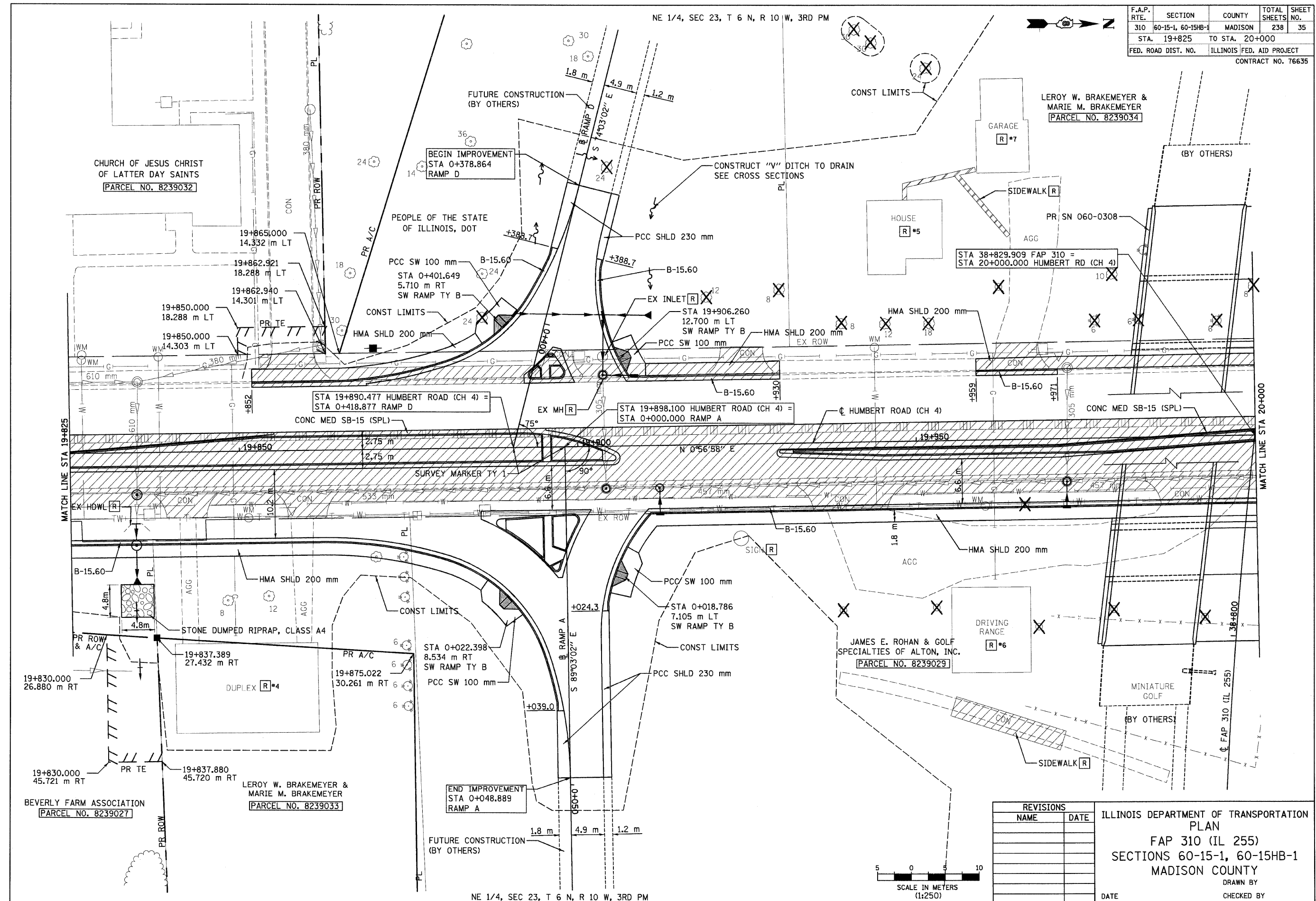
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| STA. 19+650 | TO STA. 19+825 | | | |
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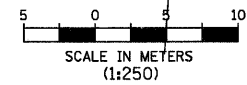
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| STA. 19+825 | | TO STA. 20+000 | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
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 FAP 310 (IL 255)
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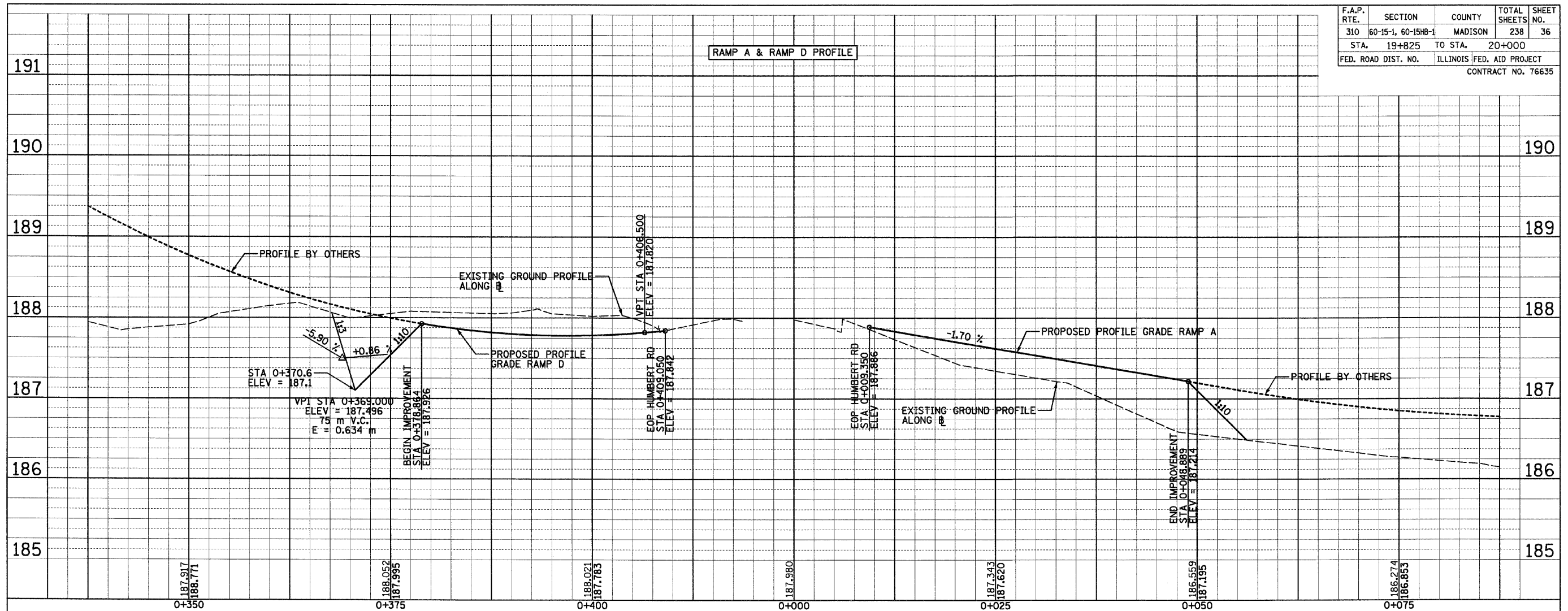
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HUMBERT ROAD STA 19+825 TO STA 20+000

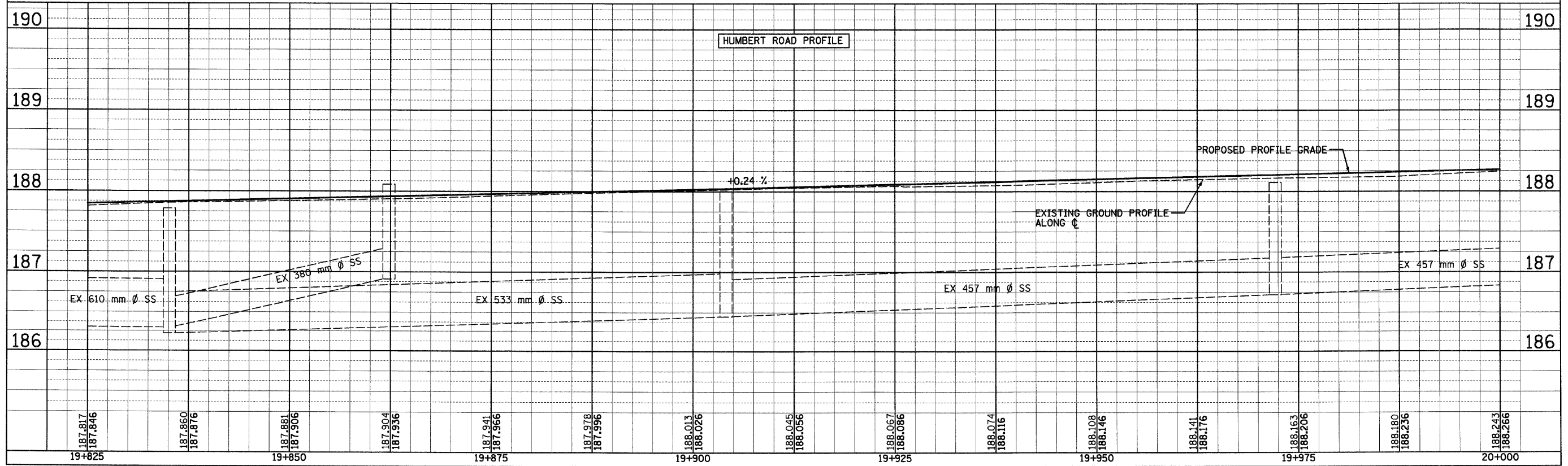
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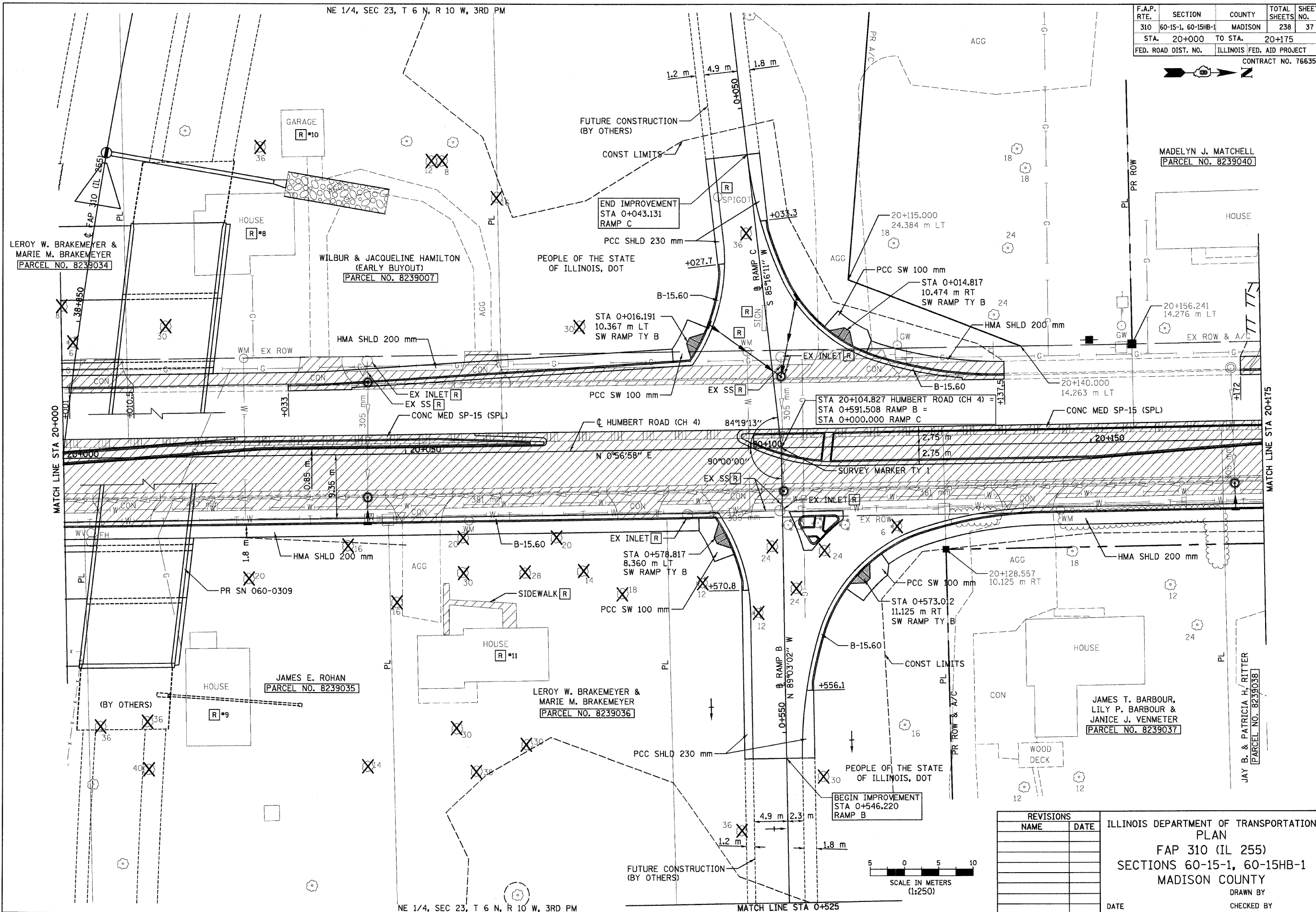
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NE 1/4, SEC 23, T 6 N, R 10 W, 3RD PM

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|--------------------|---------------------------|--------------|-----------|
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 37 |
| STA. 20+000 TO STA. 20+175 | | ILLINOIS FED. AID PROJECT | | |
| FED. ROAD DIST. NO. | | CONTRACT NO. 76635 | | |



LERoy W. BRAKEMEYER & MARIE M. BRAKEMEYER
[PARCEL NO. 8239034]

WILBUR & JACQUELINE HAMILTON
(EARLY BUYOUT)
[PARCEL NO. 8239007]

MADelyn J. MATCHELL
[PARCEL NO. 8239040]

JAMES E. ROHAN
[PARCEL NO. 8239035]

LERoy W. BRAKEMEYER & MARIE M. BRAKEMEYER
[PARCEL NO. 8239036]

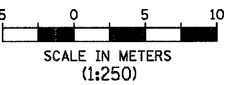
JAMES T. BARBOUR, LILY P. BARBOUR & JANICE J. VENMETER
[PARCEL NO. 8239037]

JAY B. & PATRICIA H. RITTER
[PARCEL NO. 8239038]

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ILLINOIS DEPARTMENT OF TRANSPORTATION
 PLAN
 FAP 310 (IL 255)
 SECTIONS 60-15-1, 60-15HB-1
 MADISON COUNTY

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NE 1/4, SEC 23, T 6 N, R 10 W, 3RD PM

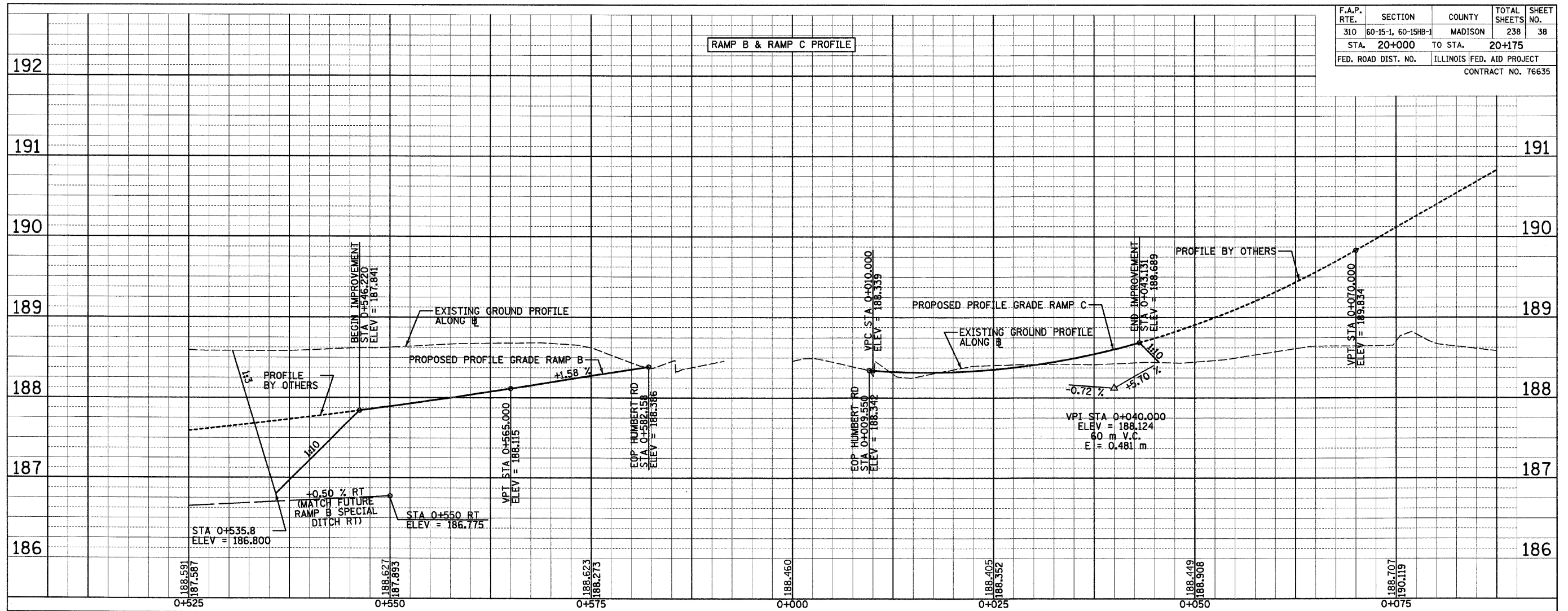
MATCH LINE STA 0+525

HUMBERT ROAD STA 20+000 TO STA 20+175

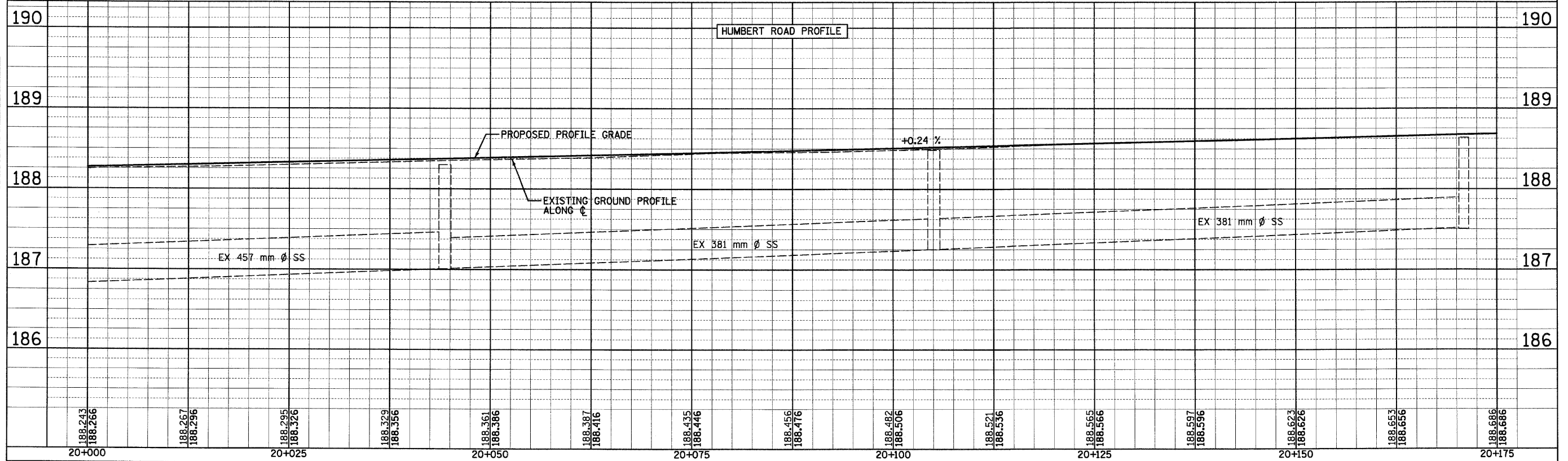
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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 38 |
| STA. 20+000 | | TO STA. 20+175 | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76635 | | | | |

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| SURVEY PLOTTED | | |
| NOTE BOOK TEMPLATE | | |
| AREAS CHECKED | | |
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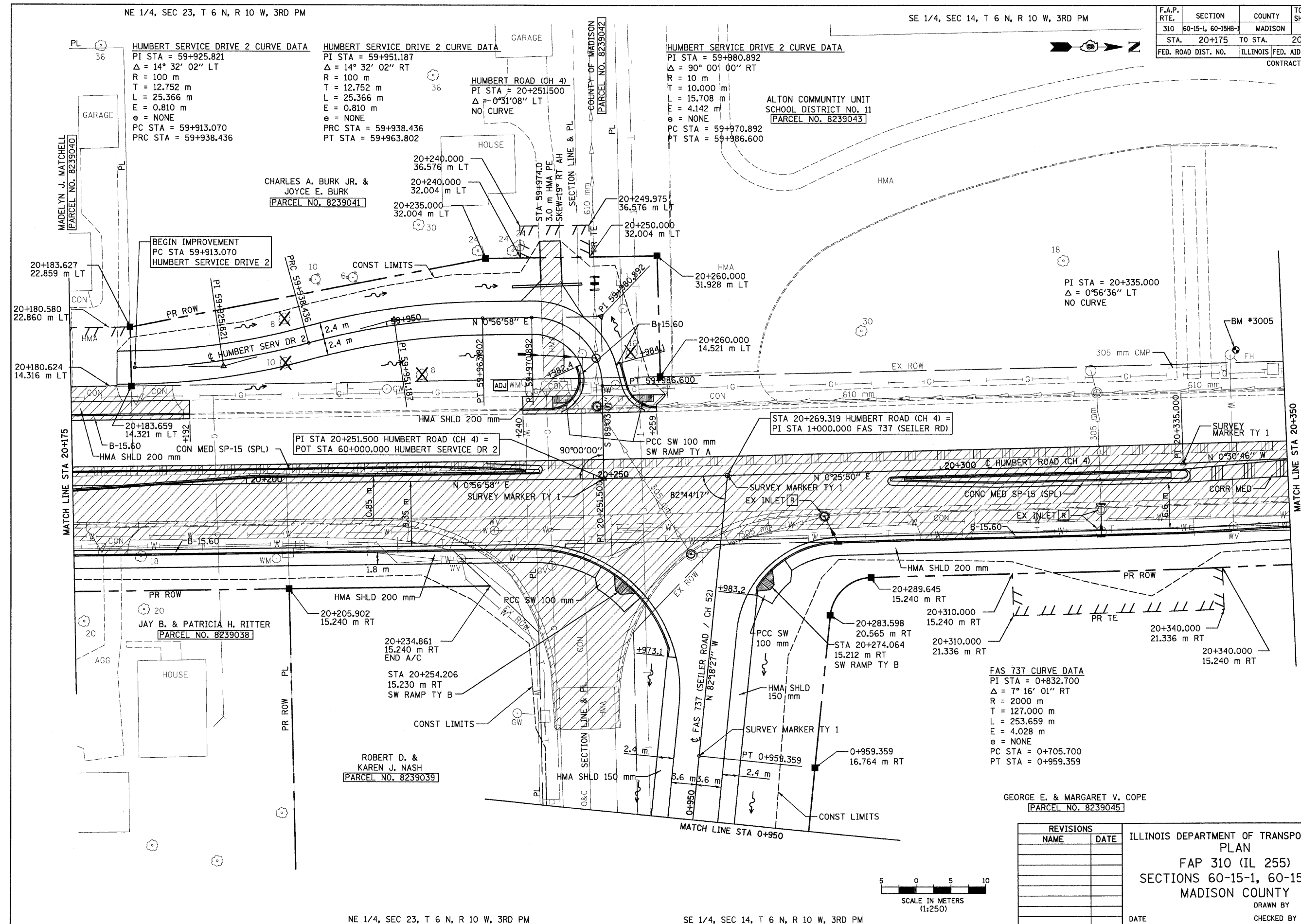


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NE 1/4, SEC 23, T 6 N, R 10 W, 3RD PM

SE 1/4, SEC 14, T 6 N, R 10 W, 3RD PM

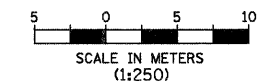
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|--------------------|---------------------------|--------------|-----------|
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 39 |
| STA. 20+175 | | TO STA. 20+350 | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76635 | | | | |



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NE 1/4, SEC 23, T 6 N, R 10 W, 3RD PM

SE 1/4, SEC 14, T 6 N, R 10 W, 3RD PM



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ILLINOIS DEPARTMENT OF TRANSPORTATION
 PLAN
 FAP 310 (IL 255)
 SECTIONS 60-15-1, 60-15HB-1
 MADISON COUNTY
 DRAWN BY
 CHECKED BY
 DATE

HUMBERT ROAD STA 20+175 TO STA 20+350

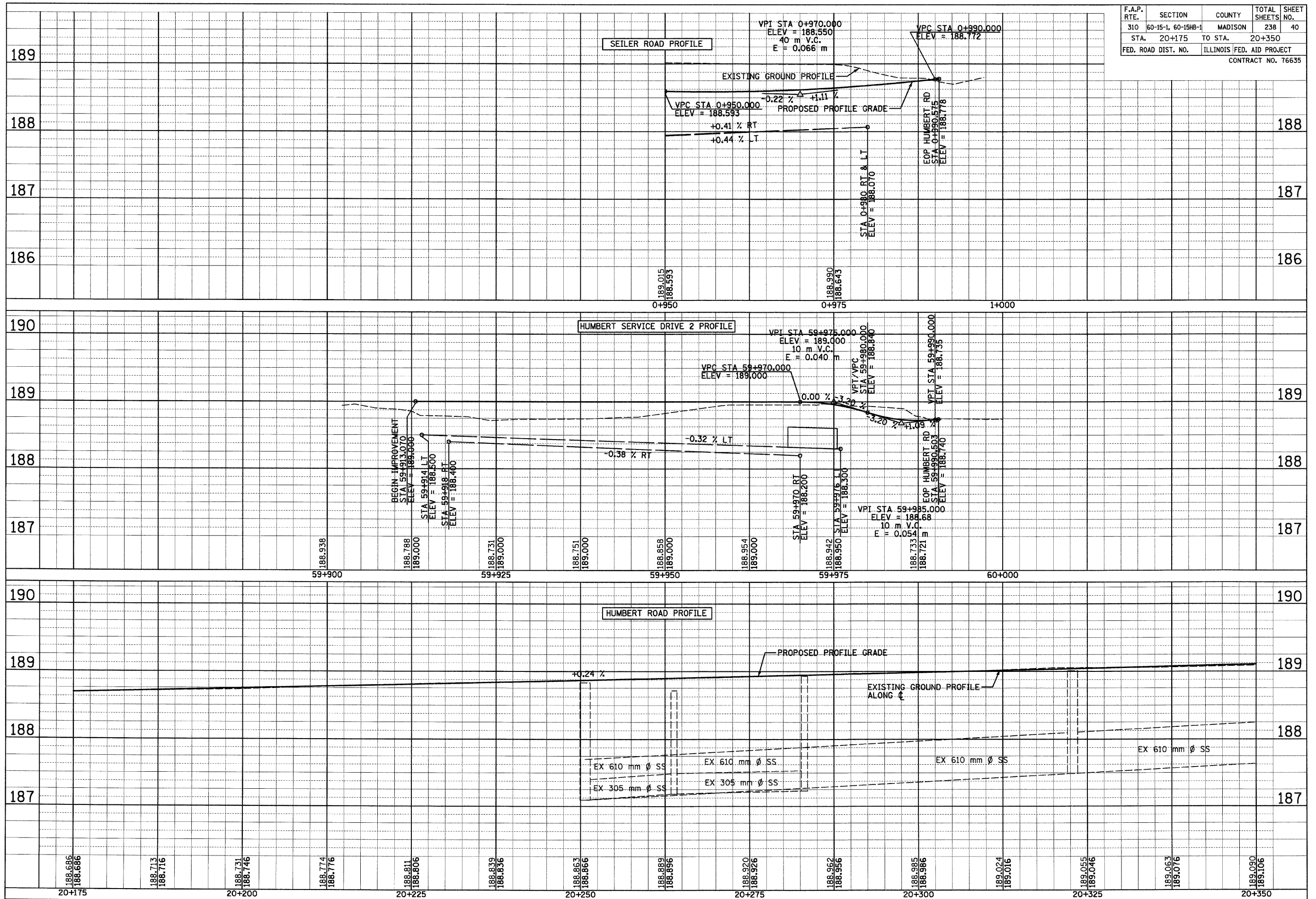
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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|--------------------|---------------------------|--------------|-----------|
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 40 |
| STA. 20+175 TO STA. 20+350 | | ILLINOIS FED. AID PROJECT | | |
| FED. ROAD DIST. NO. | | CONTRACT NO. 76635 | | |

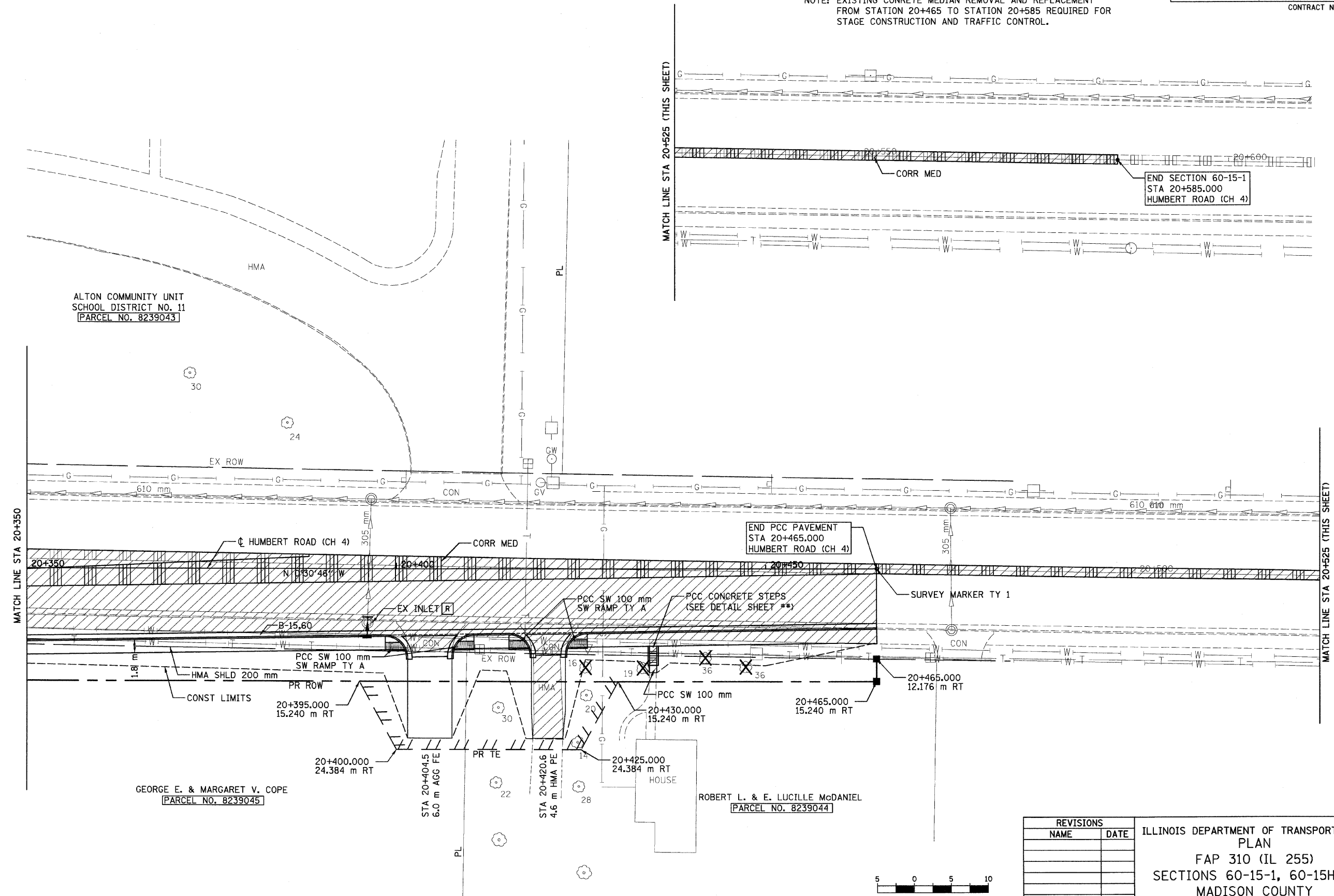


SE 1/4, SEC 14, T 6 N, R 10 W, 3RD PM



| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|--------------------|---------------------------|--------------|-----------|
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 41 |
| STA. 20+350 TO STA. 20+525 | | ILLINOIS FED. AID PROJECT | | |
| FED. ROAD DIST. NO. | | CONTRACT NO. 76635 | | |

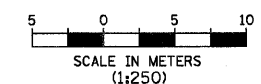
NOTE: EXISTING CONCRETE MEDIAN REMOVAL AND REPLACEMENT FROM STATION 20+465 TO STATION 20+585 REQUIRED FOR STAGE CONSTRUCTION AND TRAFFIC CONTROL.



MATCH LINE STA 20+525 (THIS SHEET)

MATCH LINE STA 20+525 (THIS SHEET)

MATCH LINE STA 20+350



| REVISIONS | |
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| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
 PLAN
 FAP 310 (IL 255)
 SECTIONS 60-15-1, 60-15HB-1
 MADISON COUNTY
 DRAWN BY
 CHECKED BY
 DATE

SE 1/4, SEC 14, T 6 N, R 10 W, 3RD PM

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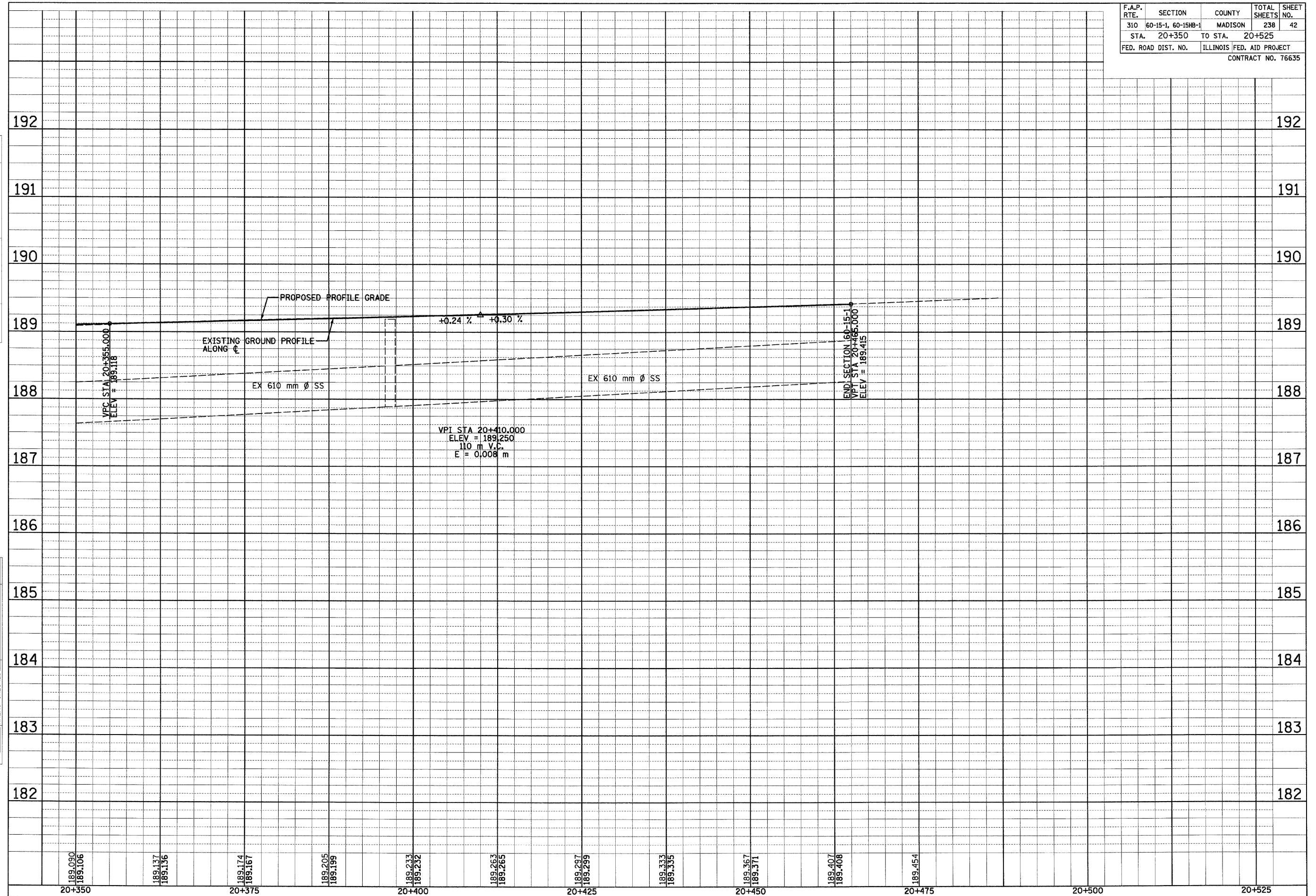
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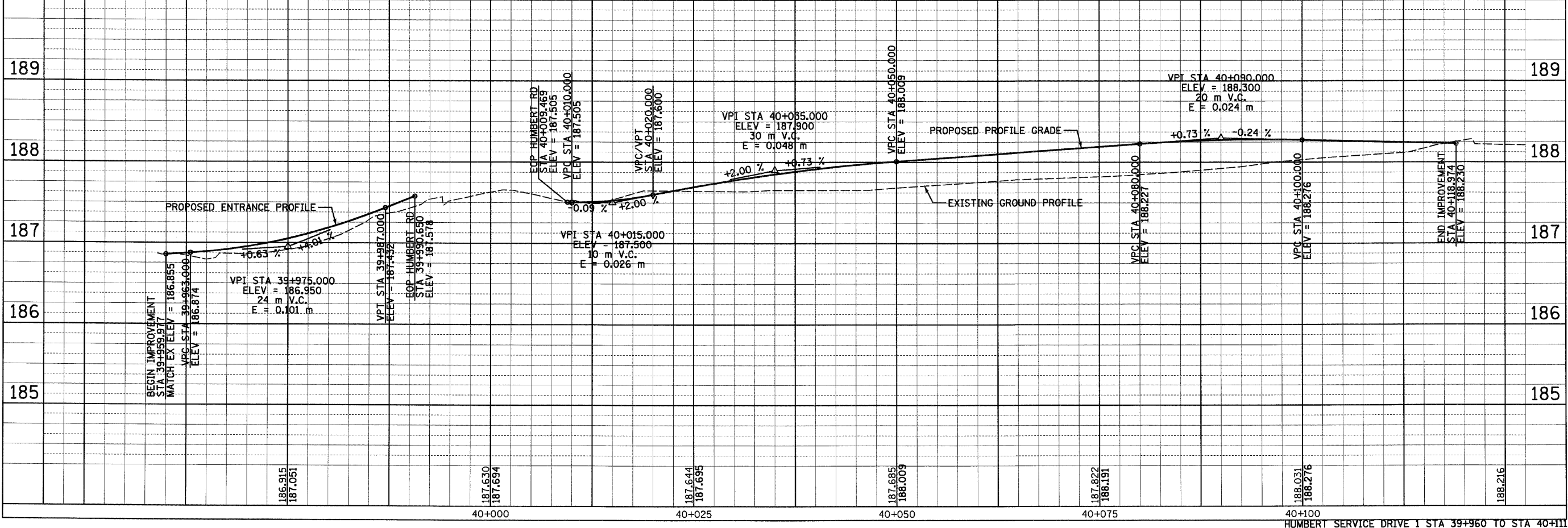
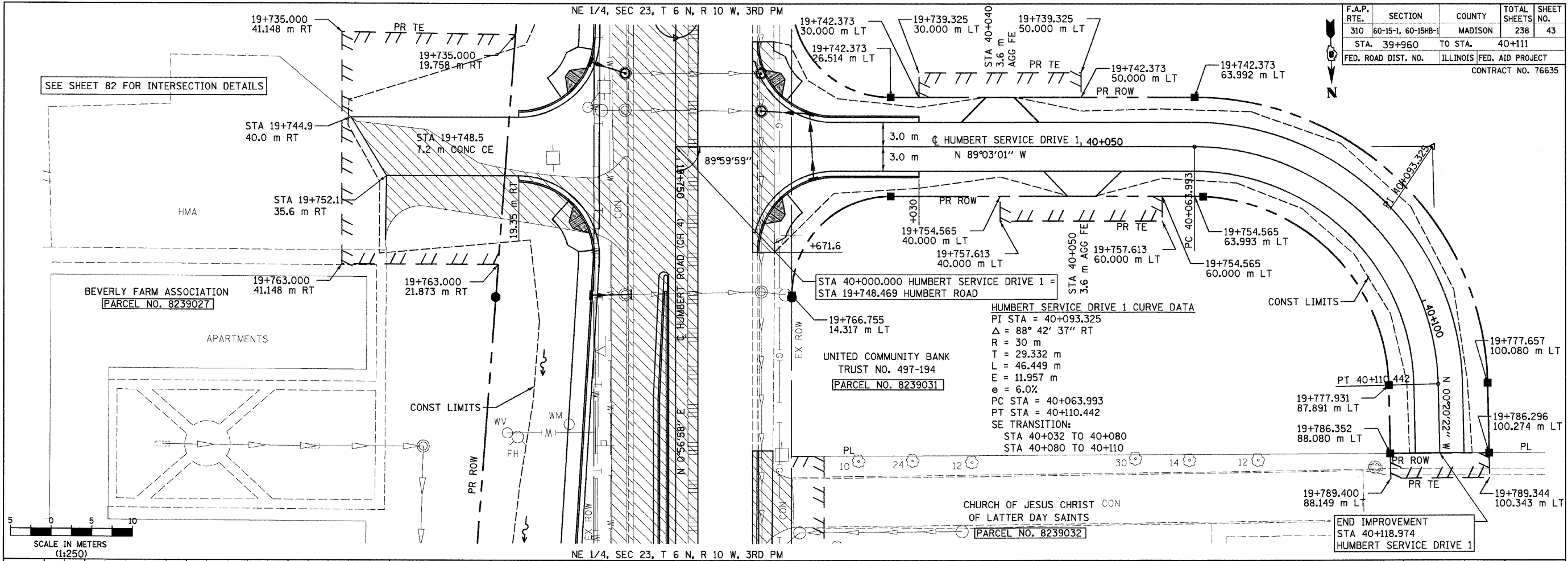
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| SURVEY PLOTTED | | |
| NOTE BOOK TEMPLATE | | |
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| SURVEY PLOTTED | | |
| NOTE BOOK TEMPLATE | | |
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|---------------------|---------------------------|---------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 42 |
| STA. | 20+350 | TO STA. | 20+525 | |
| FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | | | |
| CONTRACT NO. 76635 | | | | |



| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|--------------------|------------------|--------------------|-----------|
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 43 |
| STA. 39+960 | TO STA. 40+111 | | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | CONTRACT NO. 76635 | |



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FINAL SURVEY PLOTTED
NOTE BOOK TEMPLATE AREAS CHECKED

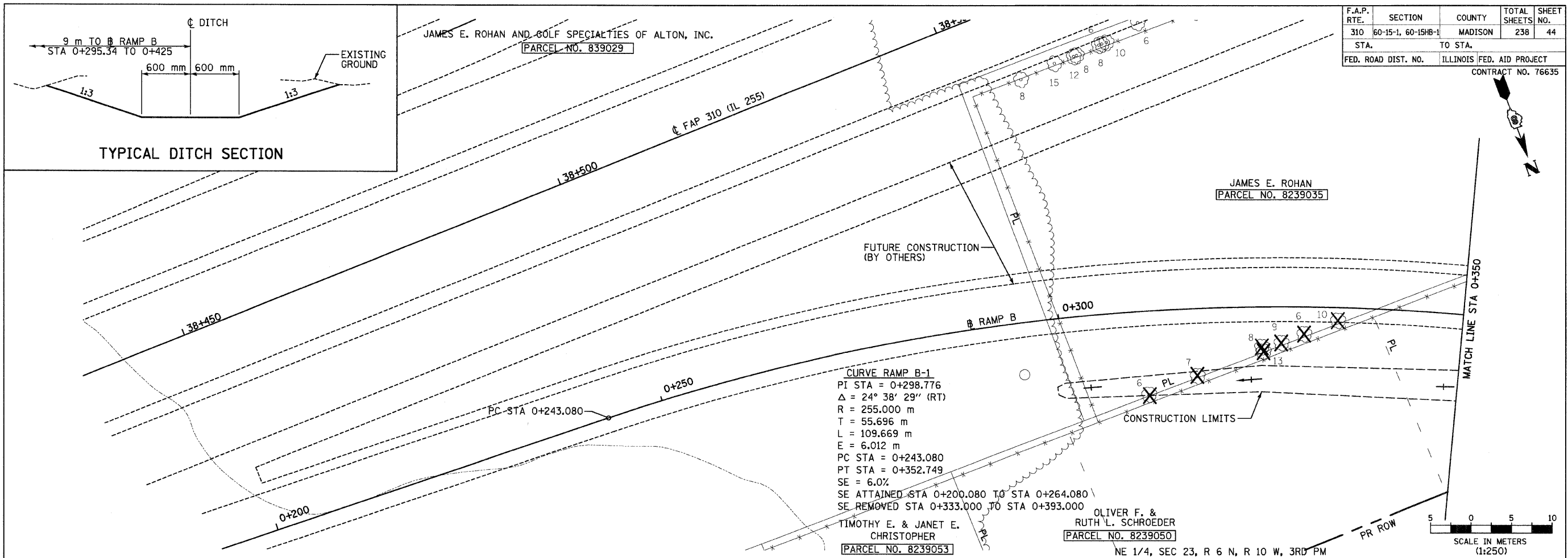
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NOTE BOOK TEMPLATE AREAS CHECKED

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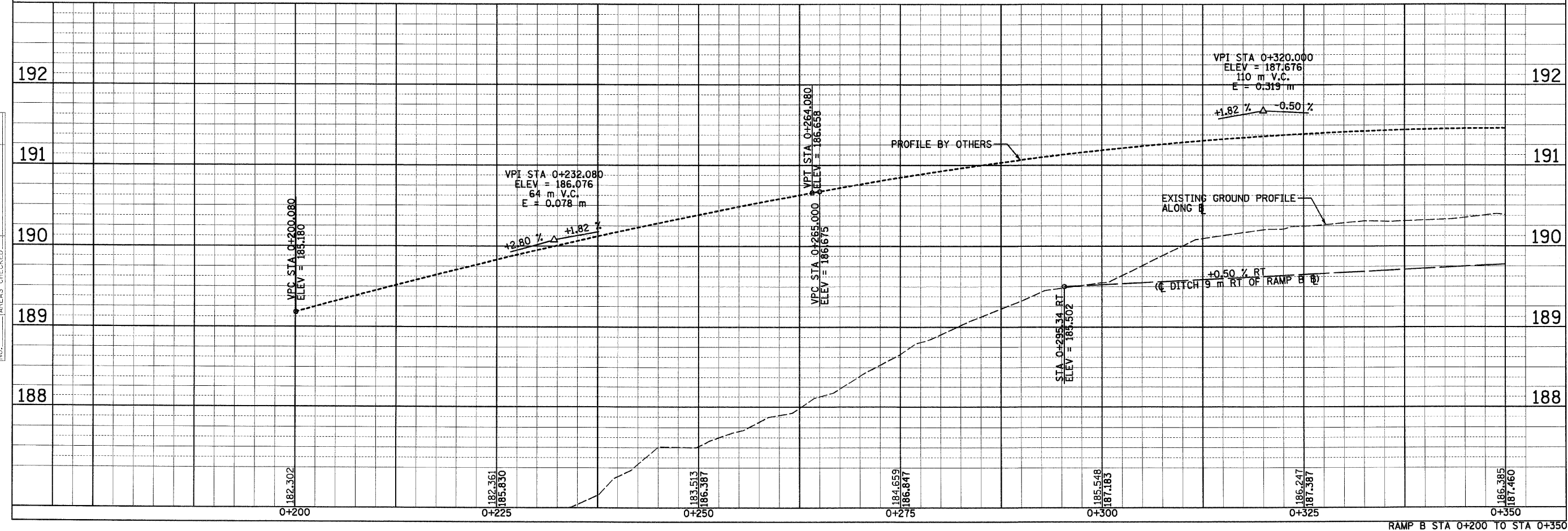
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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|--------------------|---------------------------|--------------|-----------|
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 44 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76635 | | | | |



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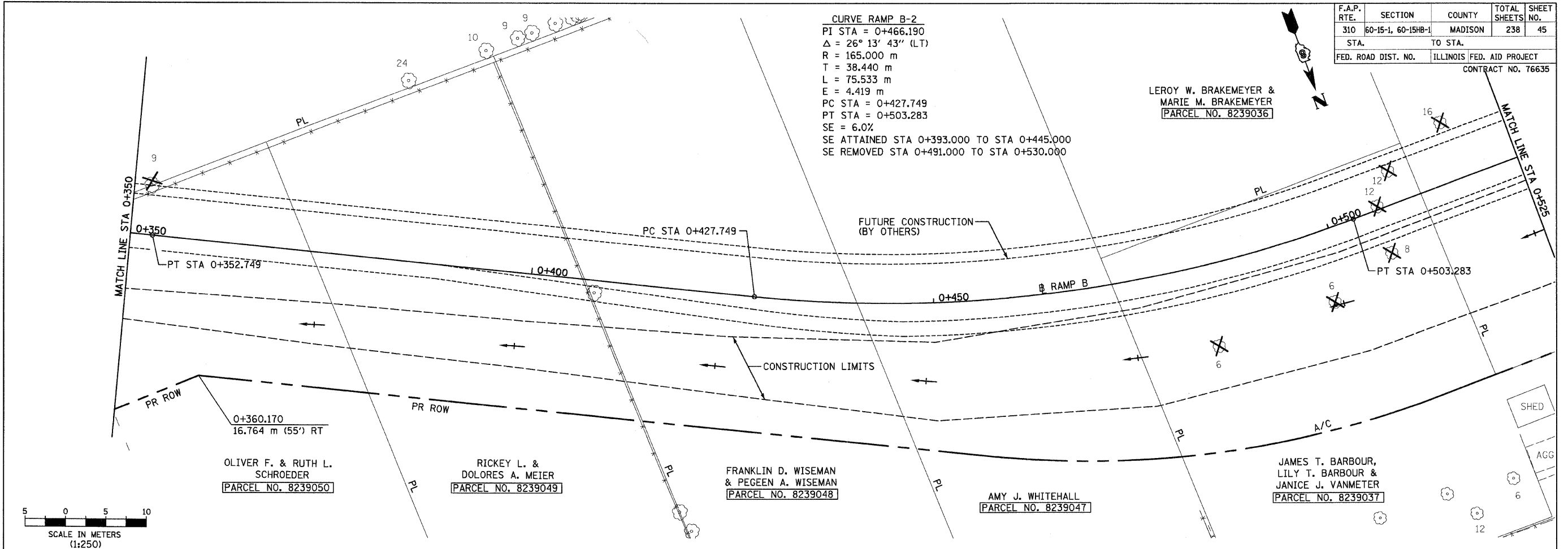
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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|--------------------|---------------------------|--------------|-----------|
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 45 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| | | CONTRACT NO. 76635 | | |

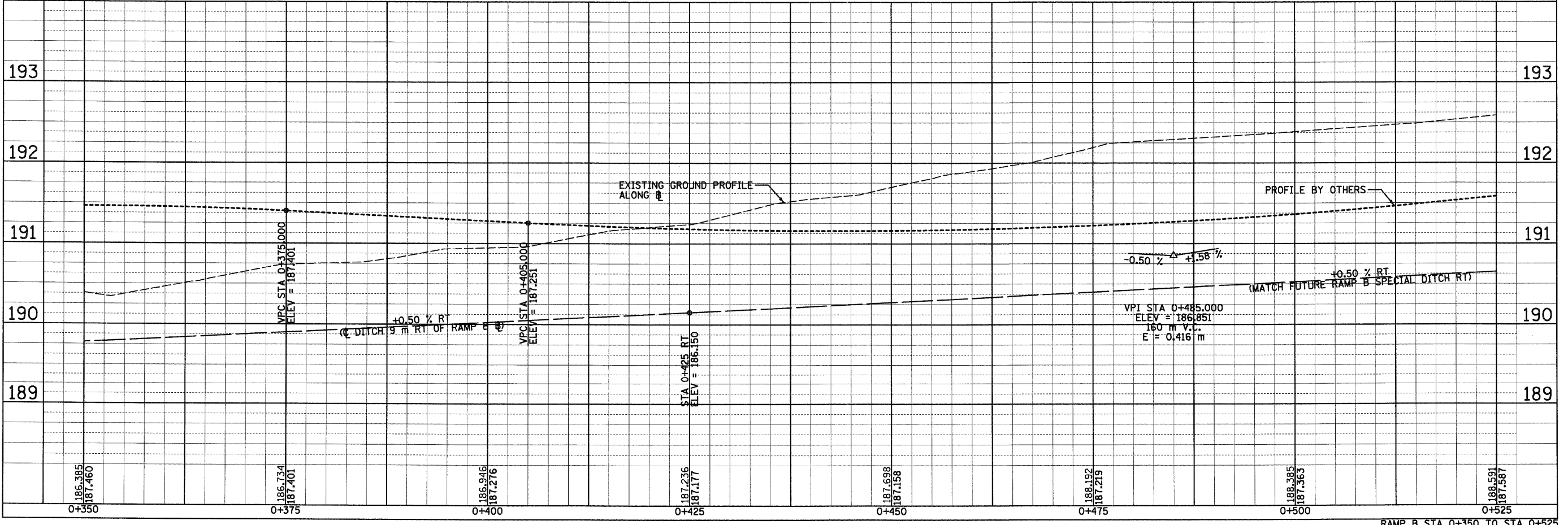
CURVE RAMP B-2
 PI STA = 0+466.190
 $\Delta = 26^\circ 13' 43''$ (LT)
 R = 165.000 m
 T = 38.440 m
 L = 75.533 m
 E = 4.419 m
 PC STA = 0+427.749
 PT STA = 0+503.283
 SE = 6.0%
 SE ATTAINED STA 0+393.000 TO STA 0+445.000
 SE REMOVED STA 0+491.000 TO STA 0+530.000

LEROY W. BRAKEMEYER &
 MARIE M. BRAKEMEYER
 [PARCEL NO. 8239036]

| | |
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| BY | DATE |
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| FINAL SURVEYED | |
| SURVEY PLOTTED | |
| NOTE BOOK TEMPLATE | |
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| NOTE BOOK TEMPLATE | |
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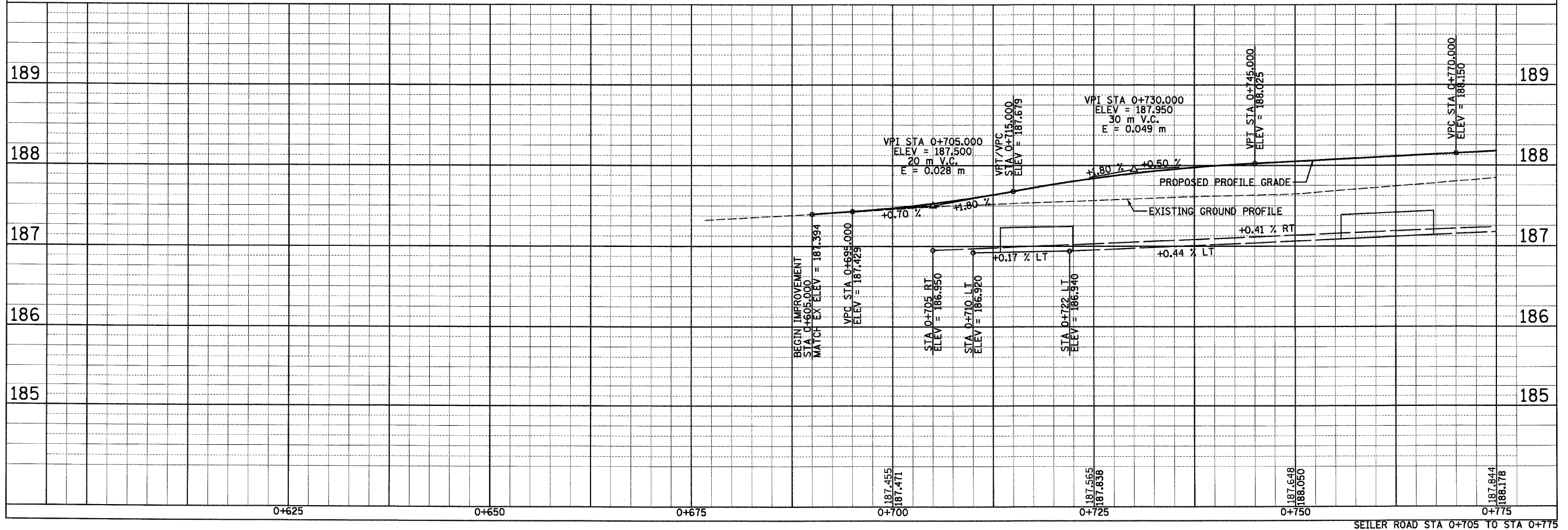
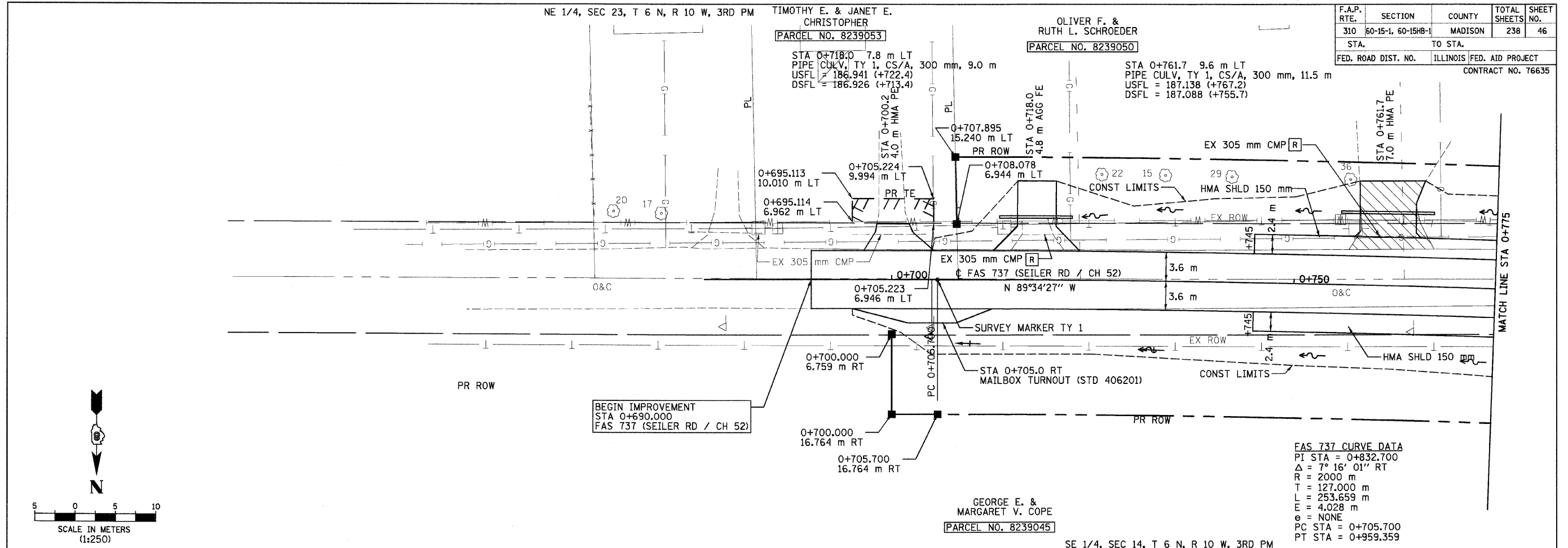
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RAMP B STA 0+350 TO STA 0+525

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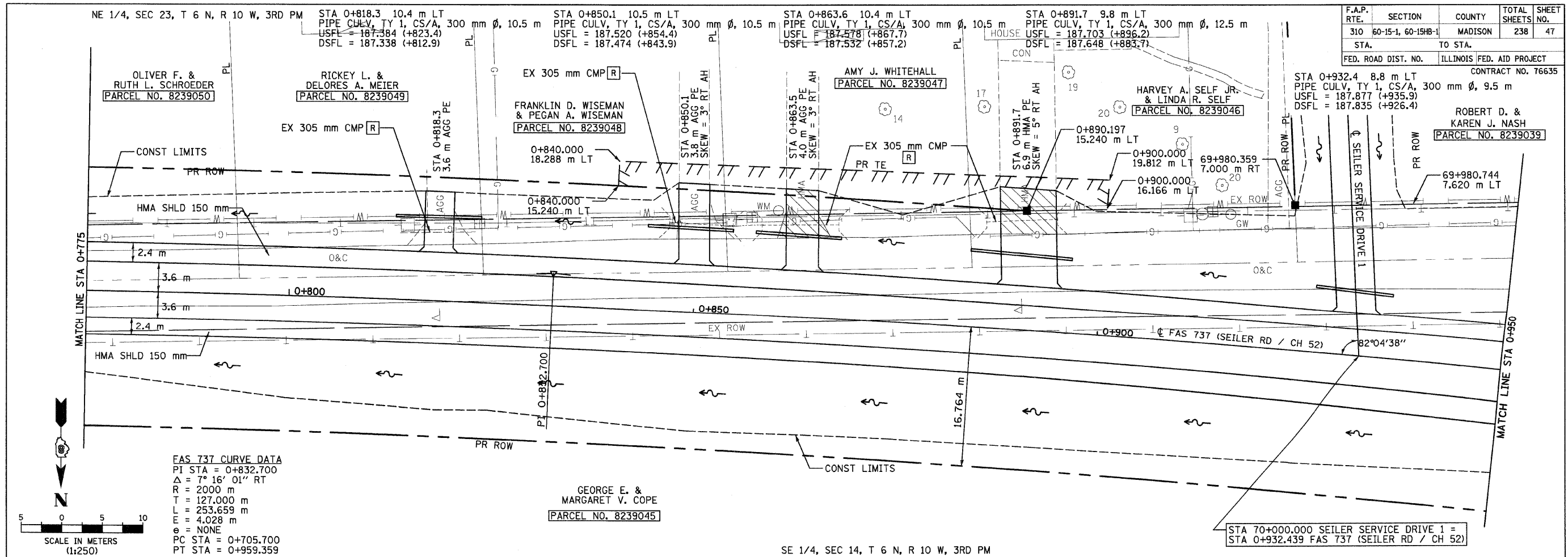
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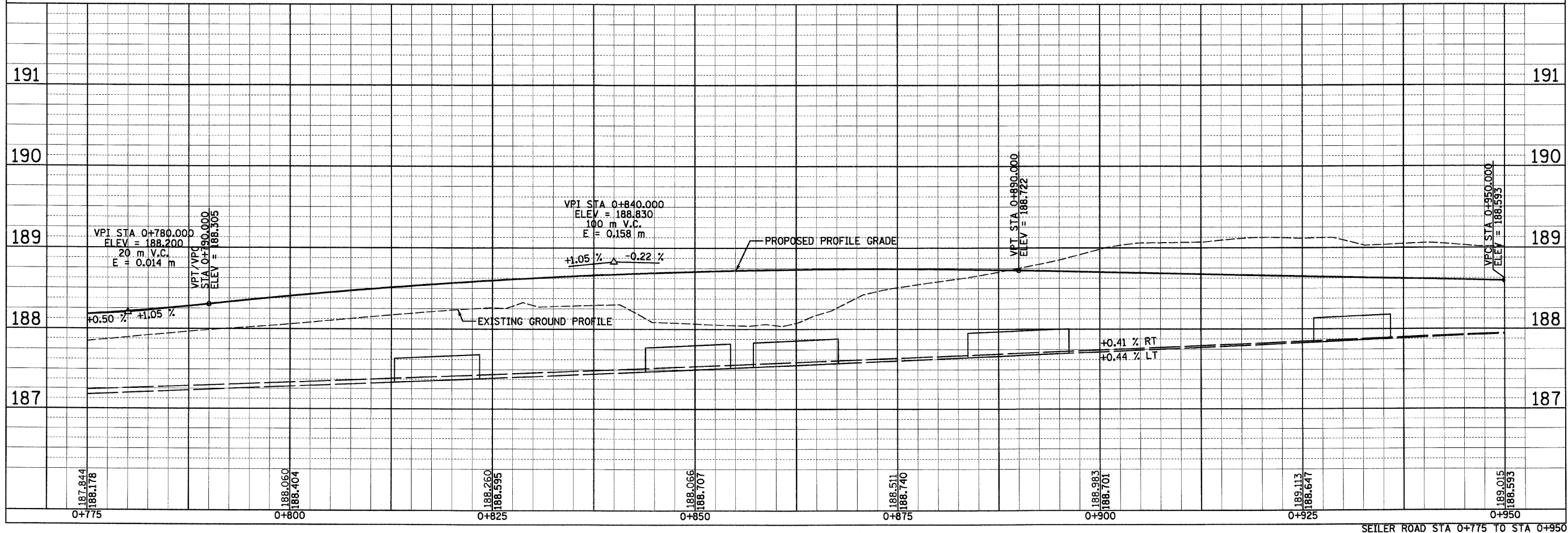
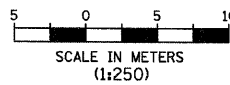


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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|-------------------|---------------------------|--------------|-----------|
| 310 | 60-15-1, 60-15B-1 | MADISON | 238 | 47 |
| STA. TO STA. | | ILLINOIS FED. AID PROJECT | | |
| FED. ROAD DIST. NO. | | CONTRACT NO. T6635 | | |



FAS 737 CURVE DATA
 PI STA = 0+832.700
 $\Delta = 7^\circ 16' 01''$ RT
 R = 2000 m
 T = 127.000 m
 L = 253.659 m
 E = 4.028 m
 e = NONE
 PC STA = 0+705.700
 PT STA = 0+959.359



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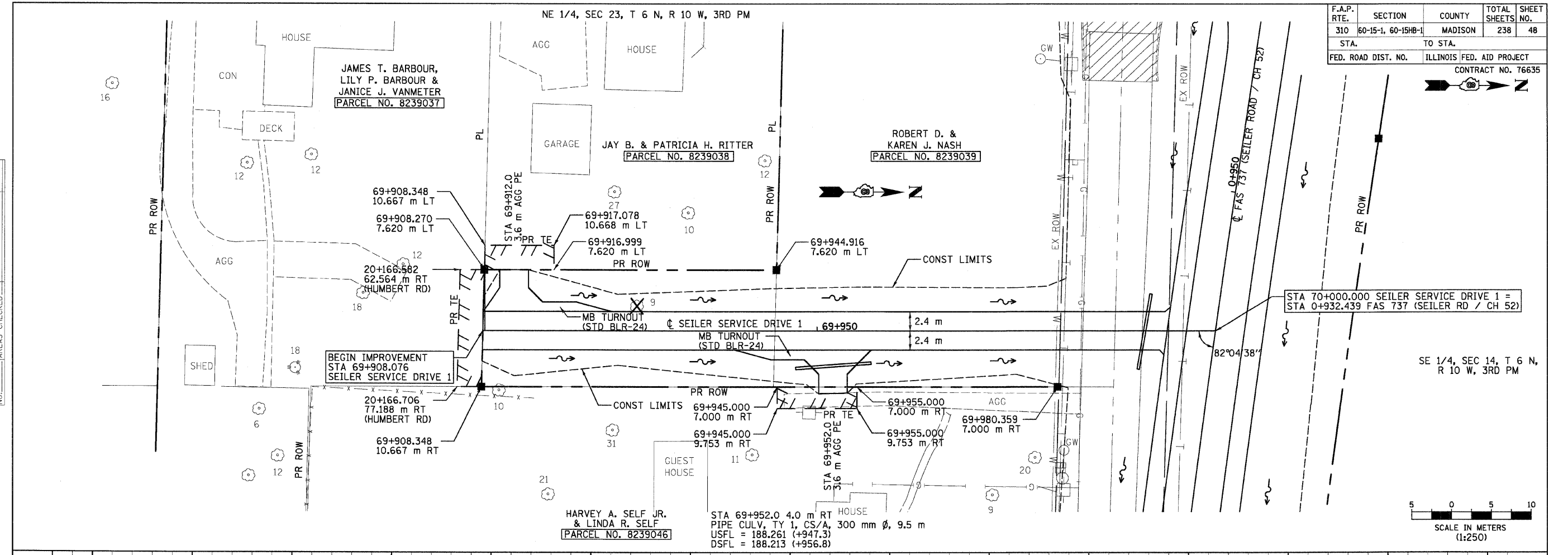
SEILER ROAD STA 0+775 TO STA 0+950

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|--------------------|---------------------------|--------------|-----------|
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 48 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76635 | | | | |



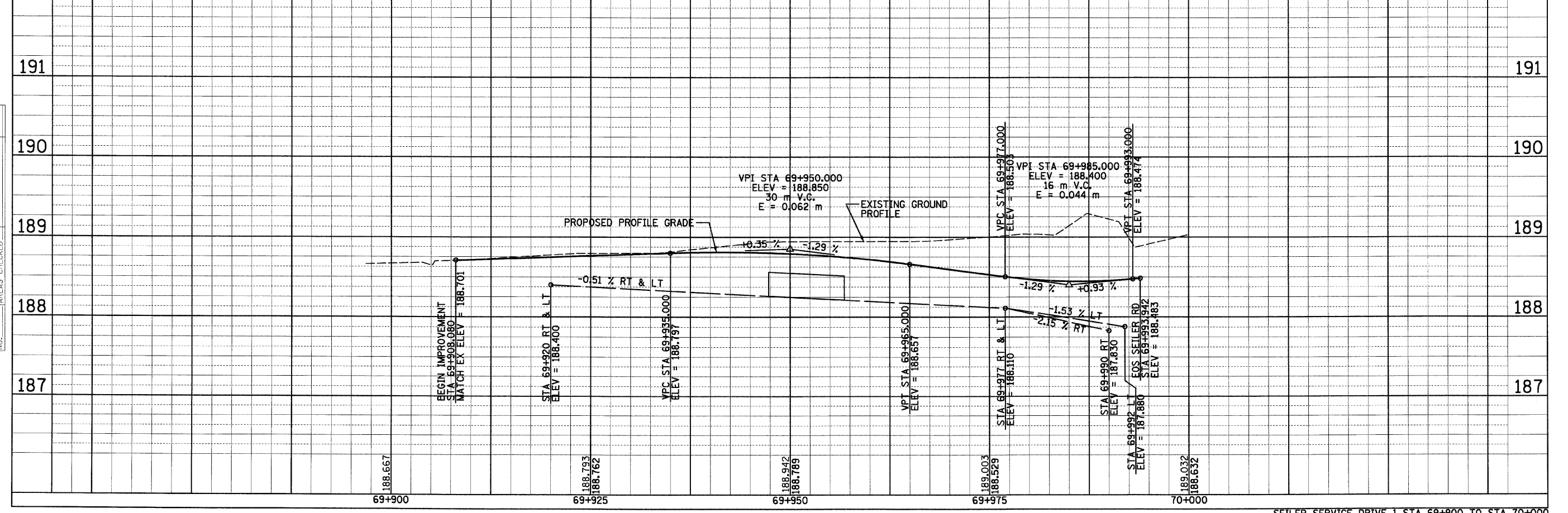
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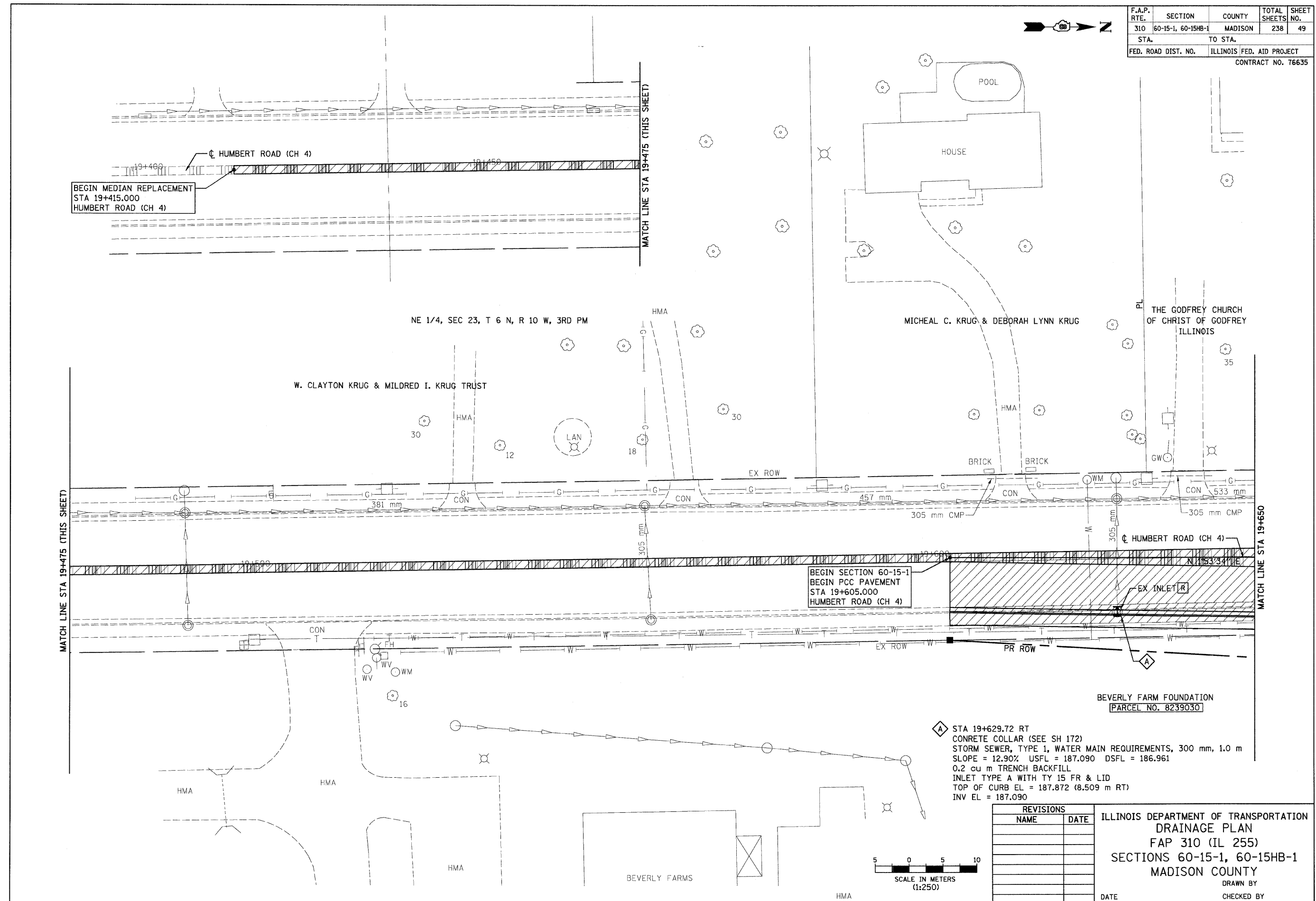
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SEILER SERVICE DRIVE 1 STA 69+900 TO STA 70+000

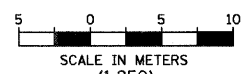
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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 49 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76635 | | | | |



BEGIN MEDIAN REPLACEMENT
STA 19+415.000
HUMBERT ROAD (CH 4)

BEGIN SECTION 60-15-1
BEGIN PCC PAVEMENT
STA 19+605.000
HUMBERT ROAD (CH 4)

▲ STA 19+629.72 RT
CONCRETE COLLAR (SEE SH 172)
STORM SEWER, TYPE 1, WATER MAIN REQUIREMENTS, 300 mm, 1.0 m
SLOPE = 12.90% USFL = 187.090 DSFL = 186.961
0.2 cu m TRENCH BACKFILL
INLET TYPE A WITH TY 15 FR & LID
TOP OF CURB EL = 187.872 (8.509 m RT)
INV EL = 187.090



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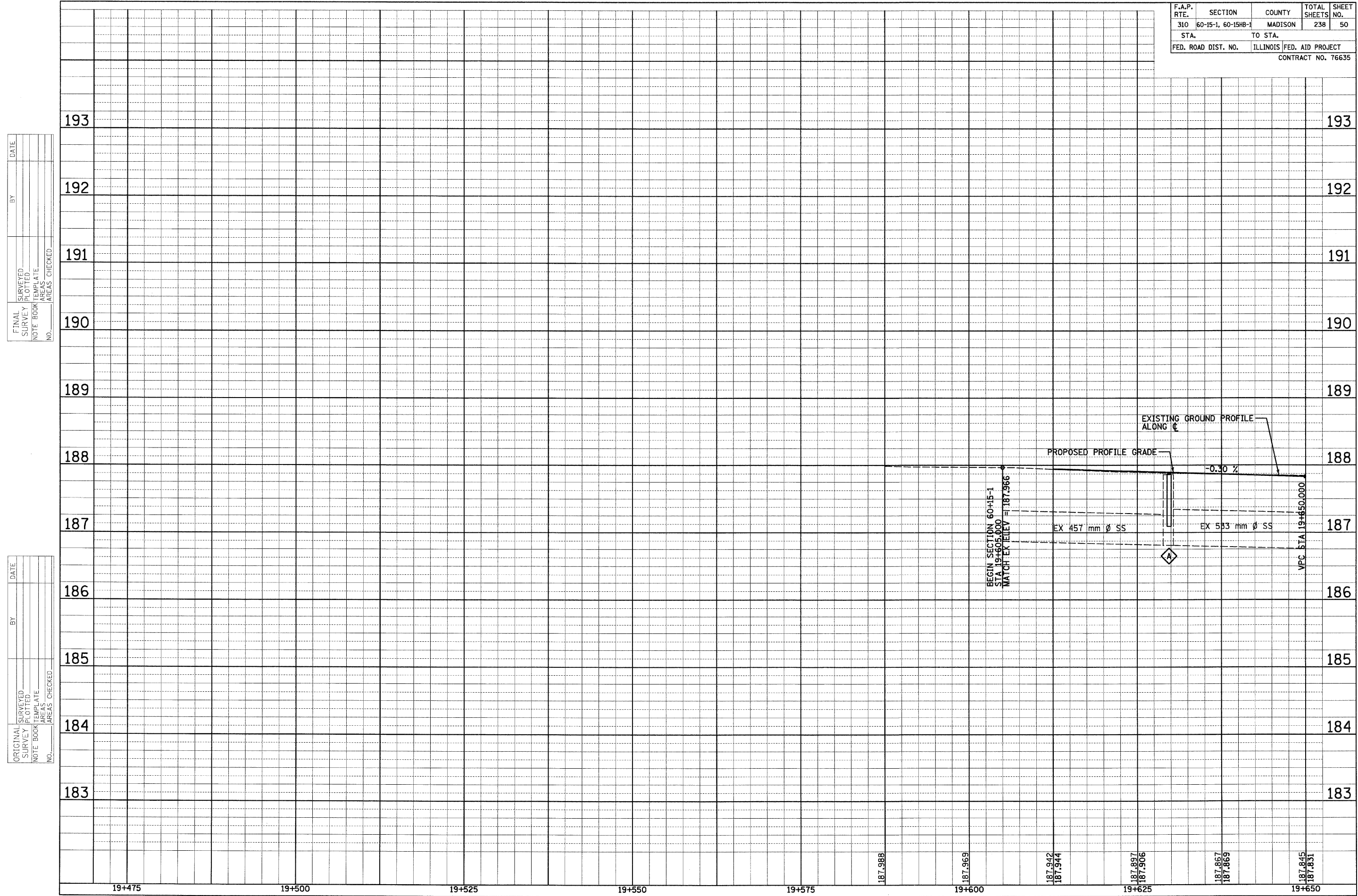
ILLINOIS DEPARTMENT OF TRANSPORTATION
DRAINAGE PLAN
FAP 310 (IL 255)
SECTIONS 60-15-1, 60-15HB-1
MADISON COUNTY
DRAWN BY
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DATE

HUMBERT ROAD STA 19+605 TO STA 19+650

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| ORIGINAL SURVEY NO. | SURVEYED BY | DATE |
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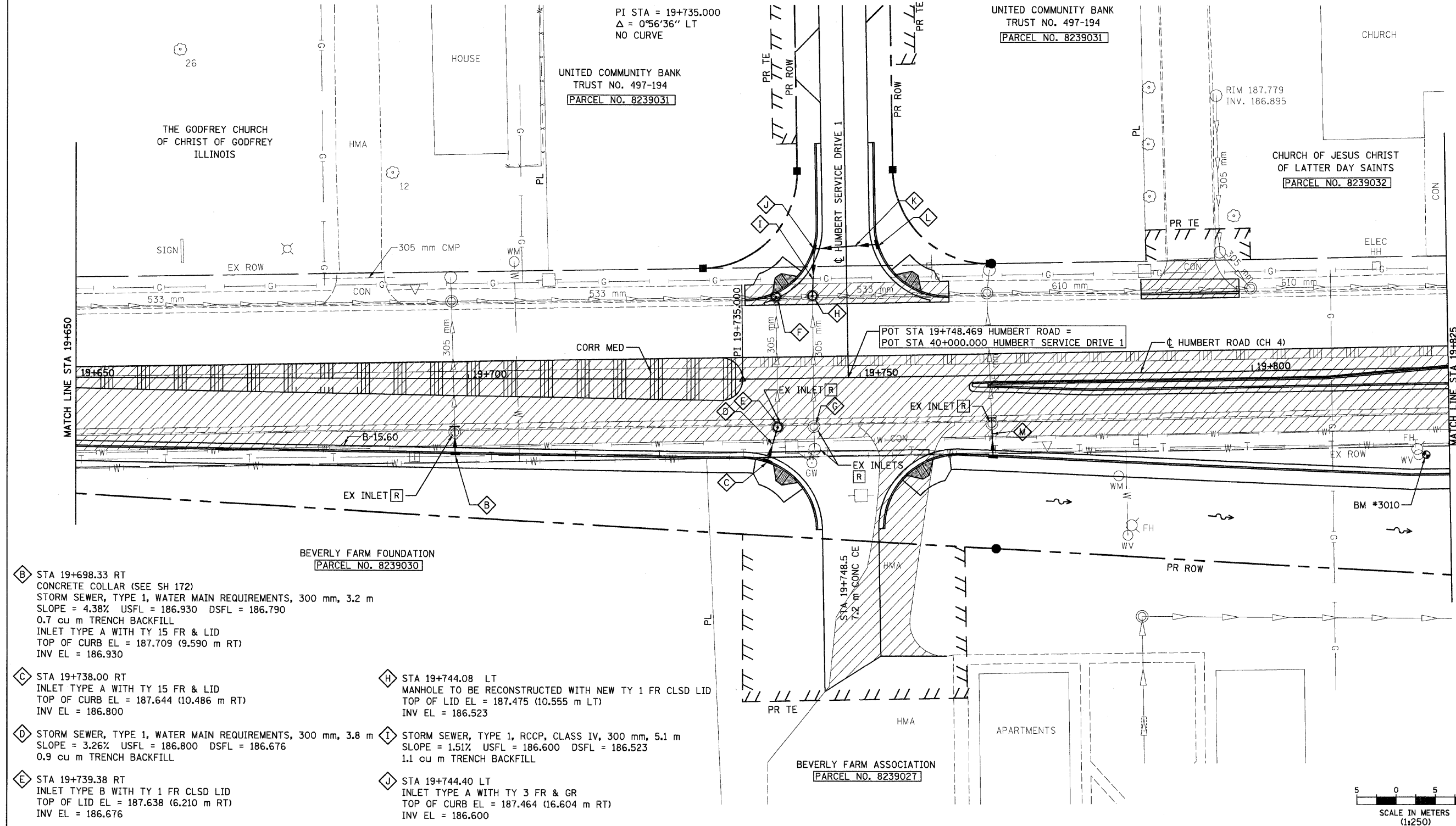
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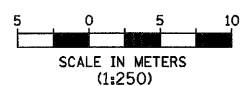
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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 50 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | CONTRACT NO. 76635 | |

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|--------------------|---------------------------|--------------|-----------|
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 51 |
| STA. 19+650 | | TO STA. 19+825 | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76635 | | | | |

SEE SHEET 43 FOR HUMBERT SERVICE DRIVE 1 PLAN AND PROFILE



- B** STA 19+698.33 RT
CONCRETE COLLAR (SEE SH 172)
STORM SEWER, TYPE 1, WATER MAIN REQUIREMENTS, 300 mm, 3.2 m
SLOPE = 4.38% USFL = 186.930 DSFL = 186.790
0.7 cu m TRENCH BACKFILL
INLET TYPE A WITH TY 15 FR & LID
TOP OF CURB EL = 187.709 (9.590 m RT)
INV EL = 186.930
- C** STA 19+738.00 RT
INLET TYPE A WITH TY 15 FR & LID
TOP OF CURB EL = 187.644 (10.486 m RT)
INV EL = 186.800
- D** STORM SEWER, TYPE 1, WATER MAIN REQUIREMENTS, 300 mm, 3.8 m
SLOPE = 3.26% USFL = 186.800 DSFL = 186.676
0.9 cu m TRENCH BACKFILL
- E** STA 19+739.38 RT
INLET TYPE B WITH TY 1 FR CLSD LID
TOP OF LID EL = 187.638 (6.210 m RT)
INV EL = 186.676
- F** STA 19+739.39 10.52 m LT
MANHOLE TO BE RECONSTRUCTED WITH NEW TY 23 FR & GR
TOP OF CURB EL = 187.599
INV EL = 186.535
- G** STA 19+743.99 RT
PLUG EX 305 mm SS
FILL WITH CONTROLLED LOW STRENGTH MATERIAL, 1.2 cu m
- H** STA 19+744.08 LT
MANHOLE TO BE RECONSTRUCTED WITH NEW TY 1 FR CLSD LID
TOP OF LID EL = 187.475 (10.555 m LT)
INV EL = 186.523
- I** STORM SEWER, TYPE 1, RCCP, CLASS IV, 300 mm, 5.1 m
SLOPE = 1.51% USFL = 186.600 DSFL = 186.523
1.1 cu m TRENCH BACKFILL
- J** STA 19+744.40 LT
INLET TYPE A WITH TY 3 FR & GR
TOP OF CURB EL = 187.464 (16.604 m RT)
INV EL = 186.600
- K** STORM SEWER, TYPE 1, RCCP, CLASS IV, 300 mm, 7.4 m
SLOPE = 1.42% USFL = 186.705 DSFL = 186.600
1.6 cu m TRENCH BACKFILL
- L** STA 19+752.10 LT
INLET TYPE A WITH TY 3 FR & GR
TOP OF CURB EL = 187.474 (17.074 m RT)
INV EL = 186.705
- M** STA 19+766.78 RT
CONCRETE COLLAR (SEE SH 172)
STORM SEWER, TYPE 1, WATER MAIN REQUIREMENTS, 300 mm, 4.7 m
SLOPE = 0.32% USFL = 186.634 DSFL = 186.619
1.4 cu m TRENCH BACKFILL
INLET TYPE A WITH TY 15 FR & LID
TOP OF CURB EL = 187.690 (10.423 m RT)
INV EL = 186.634



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ILLINOIS DEPARTMENT OF TRANSPORTATION
DRAINAGE PLAN
FAP 310 (IL 255)
SECTIONS 60-15-1, 60-15HB-1
MADISON COUNTY
DRAWN BY
CHECKED BY
DATE

HUMBERT ROAD STA 19+650 TO STA 19+825

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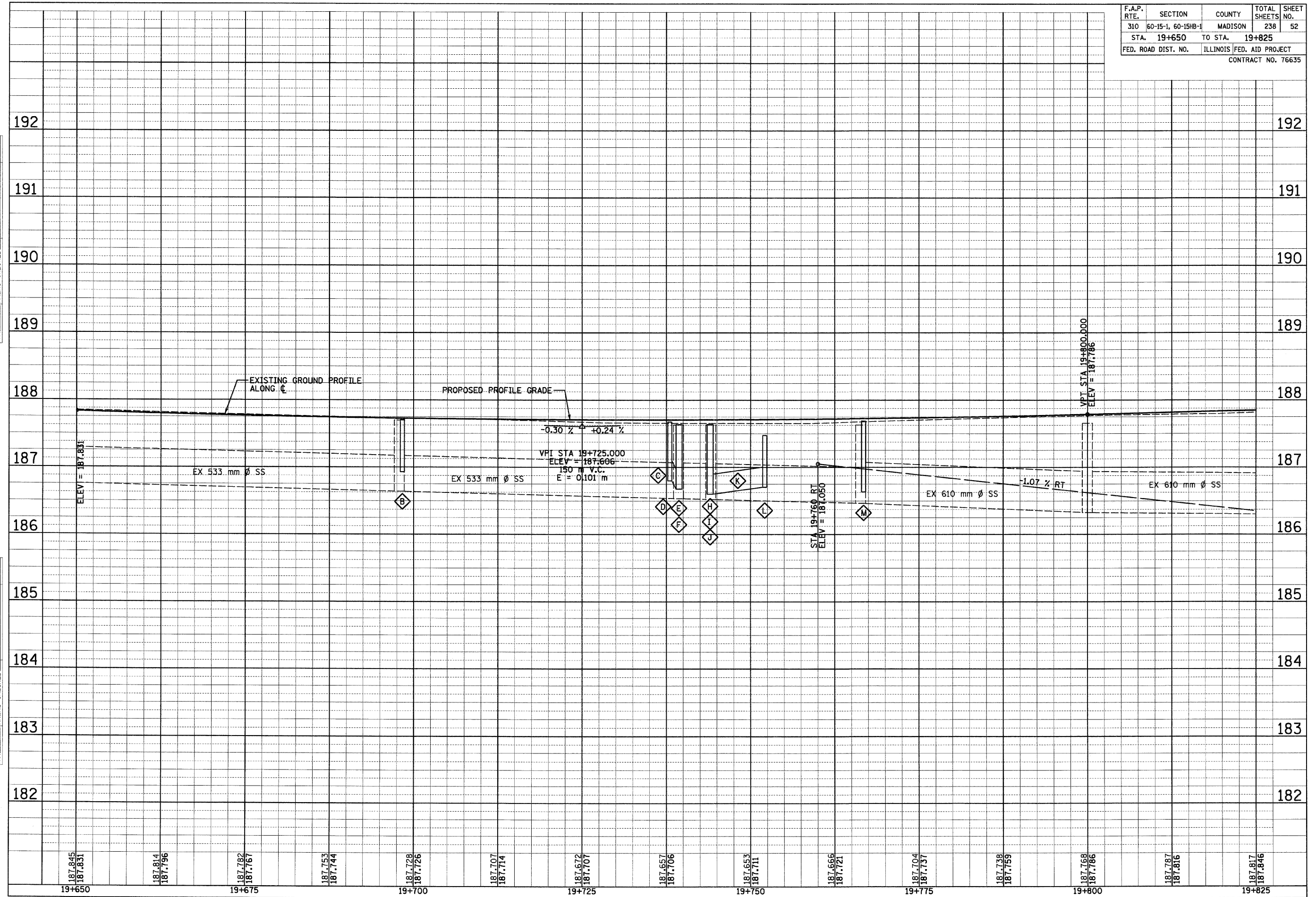
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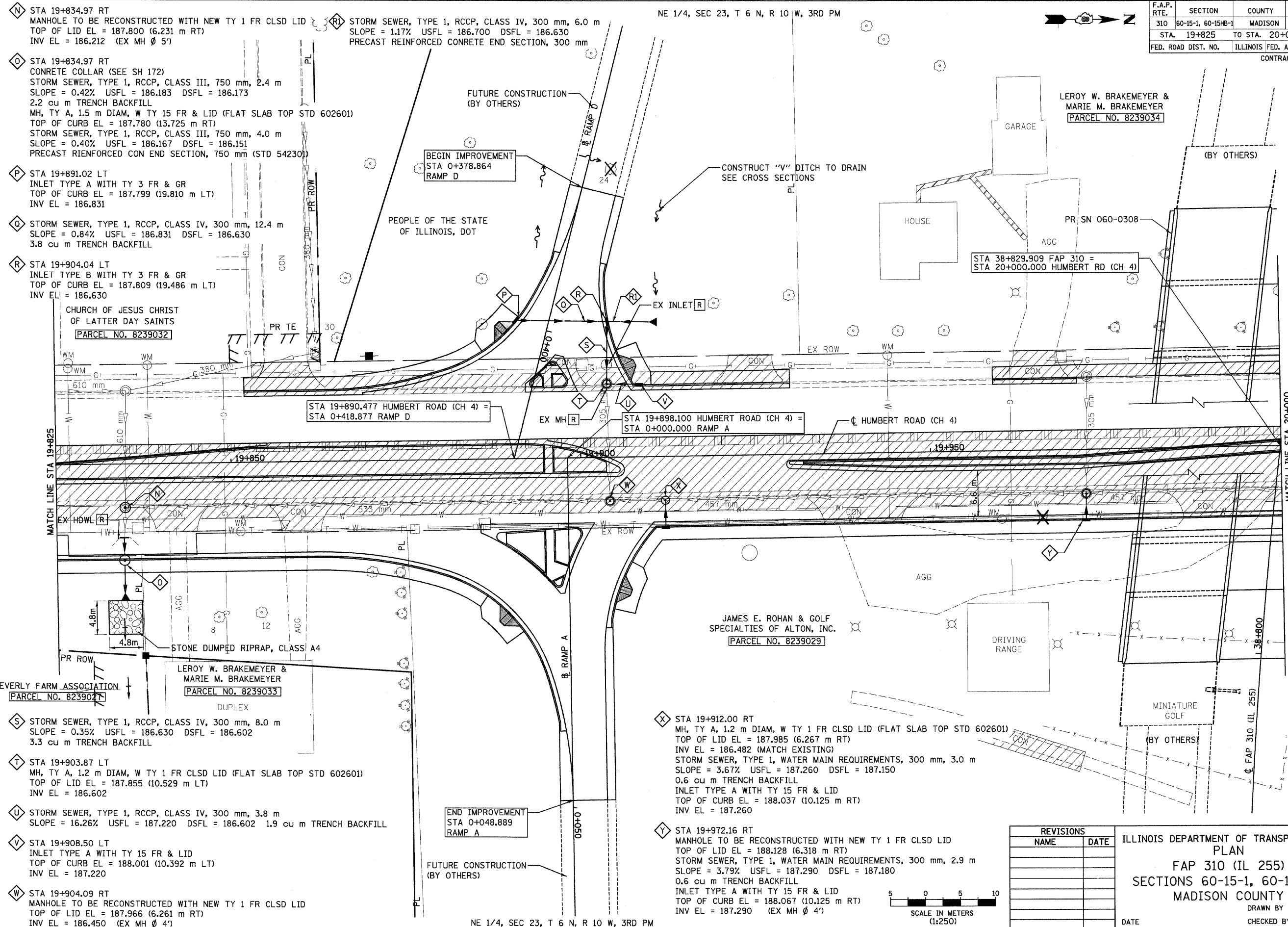
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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 52 |
| STA. 19+650 | | TO STA. 19+825 | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76635 | | | | |



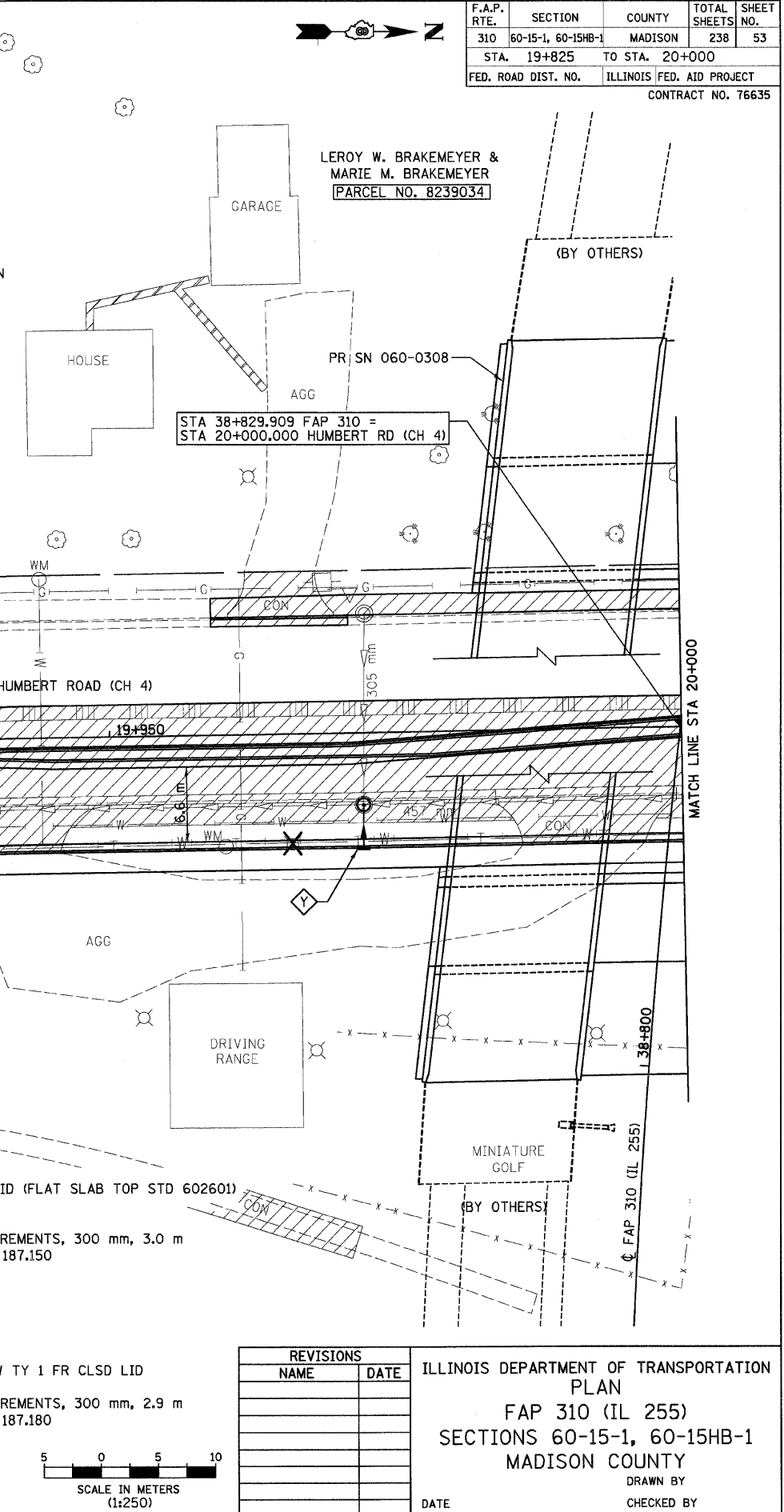
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|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 187.845 | 187.814 | 187.782 | 187.753 | 187.728 | 187.707 | 187.672 | 187.657 | 187.653 | 187.666 | 187.704 | 187.738 | 187.768 | 187.787 | 187.817 |
| 187.831 | 187.796 | 187.767 | 187.744 | 187.726 | 187.714 | 187.707 | 187.706 | 187.711 | 187.721 | 187.737 | 187.759 | 187.786 | 187.816 | 187.846 |
| 19+650 | | 19+675 | | 19+700 | | 19+725 | | 19+750 | | 19+775 | | 19+800 | | 19+825 |

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|--------------------|---------------------------|--------------|-----------|
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 53 |
| STA. 19+825 | | TO STA. 20+000 | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76635 | | | | |



- N STA 19+834.97 RT
MANHOLE TO BE RECONSTRUCTED WITH NEW TY 1 FR CLSD LID
TOP OF LID EL = 187.800 (6.231 m RT)
INV EL = 186.212 (EX MH Ø 5')
- O STA 19+834.97 RT
CONCRETE COLLAR (SEE SH 172)
STORM SEWER, TYPE 1, RCCP, CLASS III, 750 mm, 2.4 m
SLOPE = 0.42% USFL = 186.183 DSFL = 186.173
2.2 cu m TRENCH BACKFILL
MH, TY A, 1.5 m DIAM, W TY 15 FR & LID (FLAT SLAB TOP STD 602601)
TOP OF CURB EL = 187.780 (13.725 m RT)
STORM SEWER, TYPE 1, RCCP, CLASS III, 750 mm, 4.0 m
SLOPE = 0.40% USFL = 186.167 DSFL = 186.151
PRECAST RIENFORCED CON END SECTION, 750 mm (STD 54230)
- P STA 19+891.02 LT
INLET TYPE A WITH TY 3 FR & GR
TOP OF CURB EL = 187.799 (19.810 m LT)
INV EL = 186.831
- Q STORM SEWER, TYPE 1, RCCP, CLASS IV, 300 mm, 12.4 m
SLOPE = 0.84% USFL = 186.831 DSFL = 186.630
3.8 cu m TRENCH BACKFILL
- R STA 19+904.04 LT
INLET TYPE B WITH TY 3 FR & GR
TOP OF CURB EL = 187.809 (19.486 m LT)
INV EL = 186.630
CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
PARCEL NO. 8239032
- S STORM SEWER, TYPE 1, RCCP, CLASS IV, 300 mm, 8.0 m
SLOPE = 0.35% USFL = 186.630 DSFL = 186.602
3.3 cu m TRENCH BACKFILL
- T STA 19+903.87 LT
MH, TY A, 1.2 m DIAM, W TY 1 FR CLSD LID (FLAT SLAB TOP STD 602601)
TOP OF LID EL = 187.855 (10.529 m LT)
INV EL = 186.602
- U STORM SEWER, TYPE 1, RCCP, CLASS IV, 300 mm, 3.8 m
SLOPE = 16.26% USFL = 187.220 DSFL = 186.602 1.9 cu m TRENCH BACKFILL
- V STA 19+908.50 LT
INLET TYPE A WITH TY 15 FR & LID
TOP OF CURB EL = 188.001 (10.392 m LT)
INV EL = 187.220
- W STA 19+904.09 RT
MANHOLE TO BE RECONSTRUCTED WITH NEW TY 1 FR CLSD LID
TOP OF LID EL = 187.966 (6.261 m RT)
INV EL = 186.450 (EX MH Ø 4')

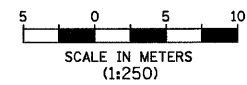
- RI STORM SEWER, TYPE 1, RCCP, CLASS IV, 300 mm, 6.0 m
SLOPE = 1.17% USFL = 186.700 DSFL = 186.630
PRECAST REINFORCED CONCRETE END SECTION, 300 mm
- STA 19+890.477 HUMBERT ROAD (CH 4) = STA 0+418.877 RAMP D
- STA 19+898.100 HUMBERT ROAD (CH 4) = STA 0+000.000 RAMP A
- STA 19+912.00 RT
MH, TY A, 1.2 m DIAM, W TY 1 FR CLSD LID (FLAT SLAB TOP STD 602601)
TOP OF LID EL = 187.985 (6.267 m RT)
INV EL = 186.482 (MATCH EXISTING)
STORM SEWER, TYPE 1, WATER MAIN REQUIREMENTS, 300 mm, 3.0 m
SLOPE = 3.67% USFL = 187.260 DSFL = 187.150
0.6 cu m TRENCH BACKFILL
INLET TYPE A WITH TY 15 FR & LID
TOP OF CURB EL = 188.037 (10.125 m RT)
INV EL = 187.260
- STA 19+972.16 RT
MANHOLE TO BE RECONSTRUCTED WITH NEW TY 1 FR CLSD LID
TOP OF LID EL = 188.128 (6.318 m RT)
STORM SEWER, TYPE 1, WATER MAIN REQUIREMENTS, 300 mm, 2.9 m
SLOPE = 3.79% USFL = 187.290 DSFL = 187.180
0.6 cu m TRENCH BACKFILL
INLET TYPE A WITH TY 15 FR & LID
TOP OF CURB EL = 188.067 (10.125 m RT)
INV EL = 187.290 (EX MH Ø 4')



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ILLINOIS DEPARTMENT OF TRANSPORTATION
 PLAN
 FAP 310 (IL 255)
 SECTIONS 60-15-1, 60-15HB-1
 MADISON COUNTY
 DRAWN BY _____
 CHECKED BY _____
 DATE _____



NE 1/4, SEC 23, T 6 N, R 10 W, 3RD PM

HUMBERT ROAD STA 19+825 TO STA 20+000

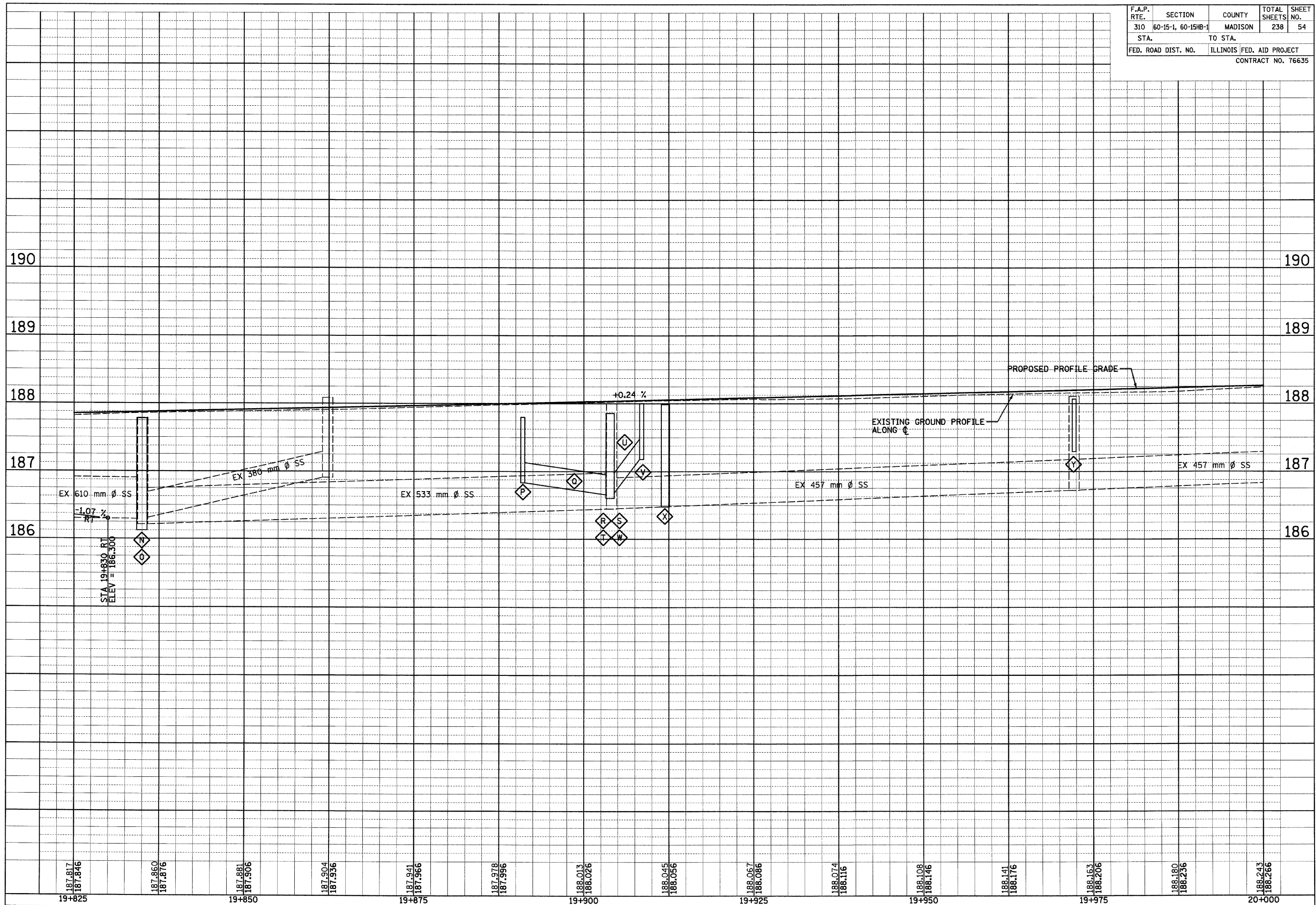
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| AREAS CHECKED | | |
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| AREAS CHECKED | | |
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|---------------------|---------------------------|---------|--------------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 54 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | | CONTRACT NO. 76635 | |



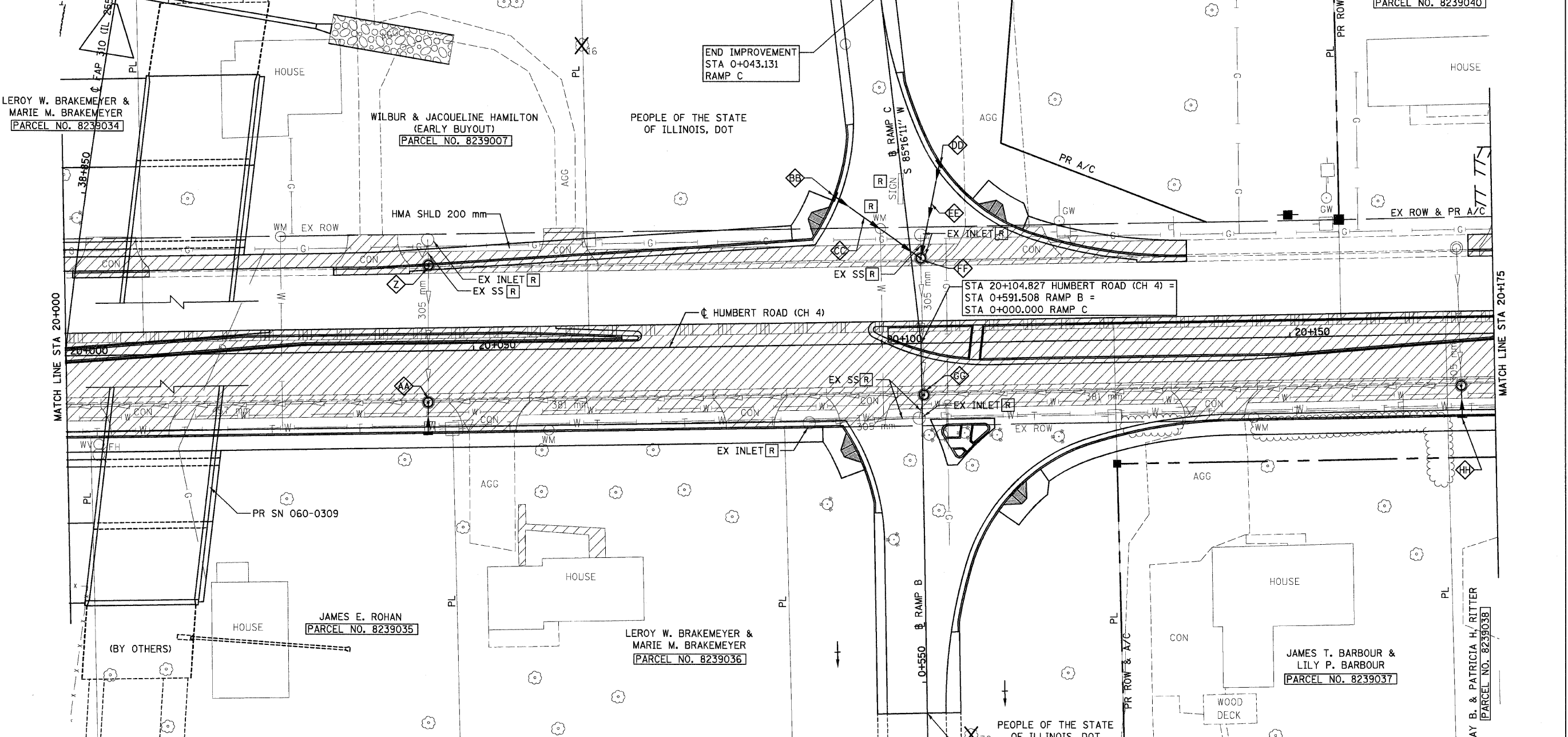
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|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| 187.817 187.846 | 187.860 187.876 | 187.881 187.906 | 187.904 187.936 | 187.941 187.966 | 187.978 187.996 | 188.013 188.026 | 188.045 188.066 | 188.067 188.086 | 188.074 188.116 | 188.108 188.146 | 188.141 188.176 | 188.163 188.206 | 188.180 188.236 | 188.243 188.266 |
| 19+825 | | 19+850 | | 19+875 | | 19+900 | | 19+925 | | 19+950 | | 19+975 | | 20+000 |

DRAINAGE PROFILE HUMBERT ROAD STA 19+825 TO STA 20+000

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|---------------------|--------------------|------------------|--------------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 55 |
| STA. | 20+000 | TO STA. | 20+175 | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | CONTRACT NO. 76635 | |

- ◆ Z STA 20+044.66 LT
INLET TO BE RECONSTRUCTED WITH TY 15 FR & LID
TOP OF CURB EL = 188.303 (10.670 m LT)
- ◆ AA STA 20+044.35 RT
MANHOLE TO BE RECONSTRUCTED WITH NEW TY 1 FR CLSD LID
TOP OF LID EL = 188.300 (6.307 m RT)
STORM SEWER, TYPE 1, WATER MAIN REQUIREMENTS, 300 mm, 2.9 m
SLOPE = 5.86% USFL = 187.570 DSFL = 187.400
0.6 cu m TRENCH BACKFILL
INLET TYPE A WITH TY 15 FR & LID
TOP OF CURB EL = 188.354 (10.125 m RT)
INV EL = 187.570 (EX MH Ø 4')

- ◆ BB STA 20+094.50 LT
INLET TYPE A WITH TY 3 FR & GR
TOP OF CURB EL = 188.240 (18.189 m LT)
INV EL = 187.545
- ◆ CC STORM SEWER, TYPE 1, WATER MAIN REQUIREMENTS, 300 mm, 12.1 m
SLOPE = 1.16% USFL = 187.545 DSFL = 187.405
2.4 cu m TRENCH BACKFILL
- ◆ DD STA 20+107.44 LT
INLET TYPE A WITH TY 3 FR & GR
TOP OF CURB EL = 188.364 (22.026 m LT)
INV EL = 187.495

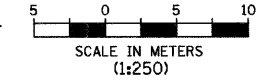


- ◆ EE STORM SEWER, TYPE 1, RCCP, CLASS IV, 300 mm, 11.0 m
SLOPE = 0.82% USFL = 187.495 DSFL = 187.405
2.5 cu m TRENCH BACKFILL
- ◆ FF STA 20+104.95 LT
MH, TY A, 1.2 m DIAM, W TY 1 FR CLSD LID (FLAT SLAB TOP STD 602601)
TOP OF LID EL = 188.326 (10.415 m LT)
INV EL = 187.405
- ◆ GG STA 20+105.08 RT
MANHOLE TO BE RECONSTRUCTED WITH NEW TY 1 FR CLSD LID
TOP OF LID EL = 188.446 (6.342 m RT) (EX MH Ø 4')

- ◆ HH STA 20+170.90 RT
MANHOLE TO BE RECONSTRUCTED WITH NEW TY 1 FR CLSD LID
TOP OF LID EL = 188.604 (6.363 m RT)
STORM SEWER, TYPE 1, WATER MAIN REQUIREMENTS, 300 mm, 2.9 m
SLOPE = 12.24% USFL = 187.875 DSFL = 187.520
0.7 cu m TRENCH BACKFILL
INLET TYPE A WITH TY 15 FR & LID
TOP OF CURB EL = 188.658 (10.125 m RT)
INV EL = 187.875 (EX MH Ø 4')

BEGIN IMPROVEMENT
STA 0+546.220
RAMP B

STA 20+104.827 HUMBERT ROAD (CH 4) =
STA 0+591.508 RAMP B =
STA 0+000.000 RAMP C



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ILLINOIS DEPARTMENT OF TRANSPORTATION
DRAINAGE PLAN
FAP 310 (IL 255)
SECTIONS 60-15-1, 60-15HB-1
MADISON COUNTY
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HUMBERT ROAD STA 20+000 TO STA 20+175

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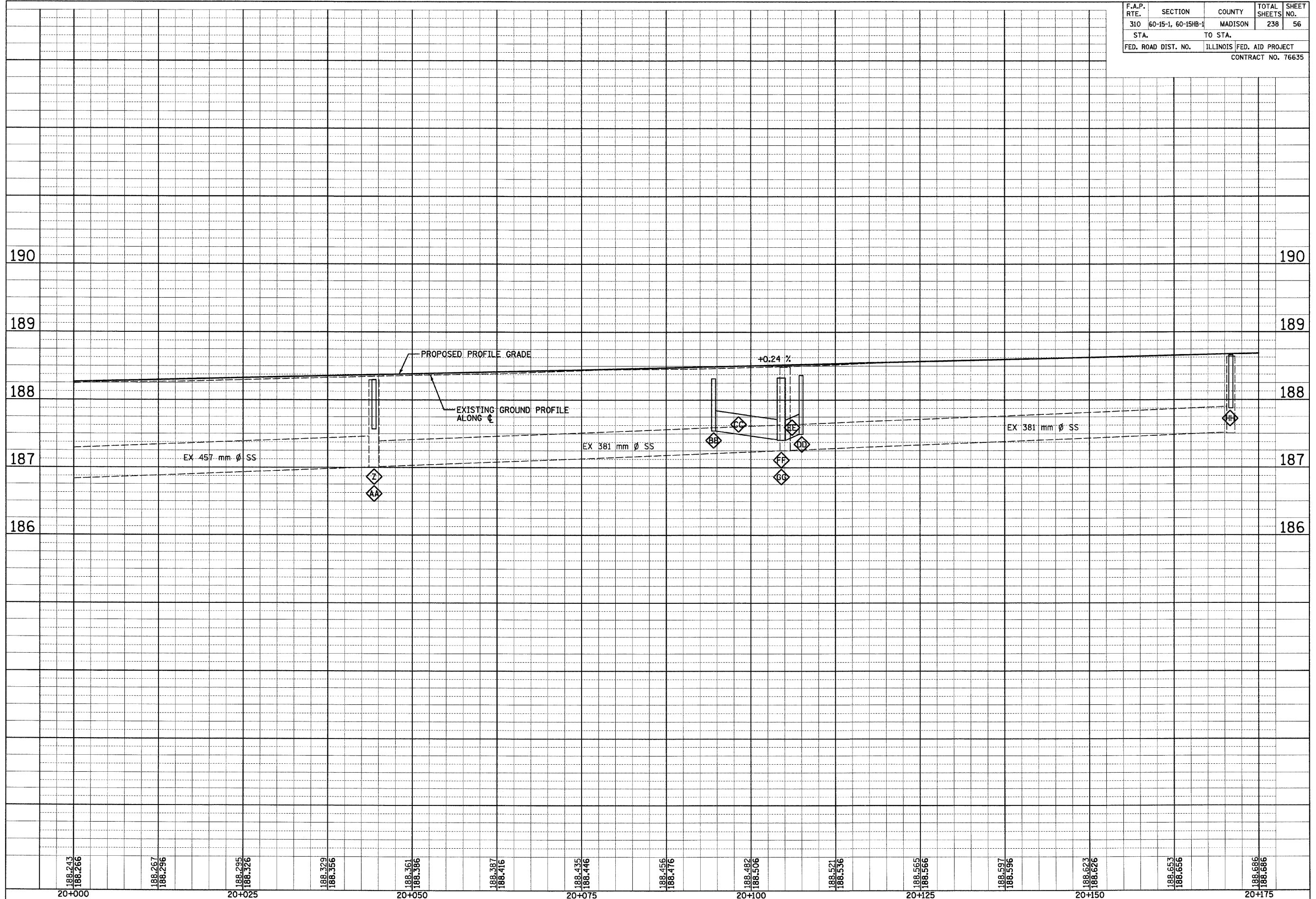
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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 56 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76635 | | | | |

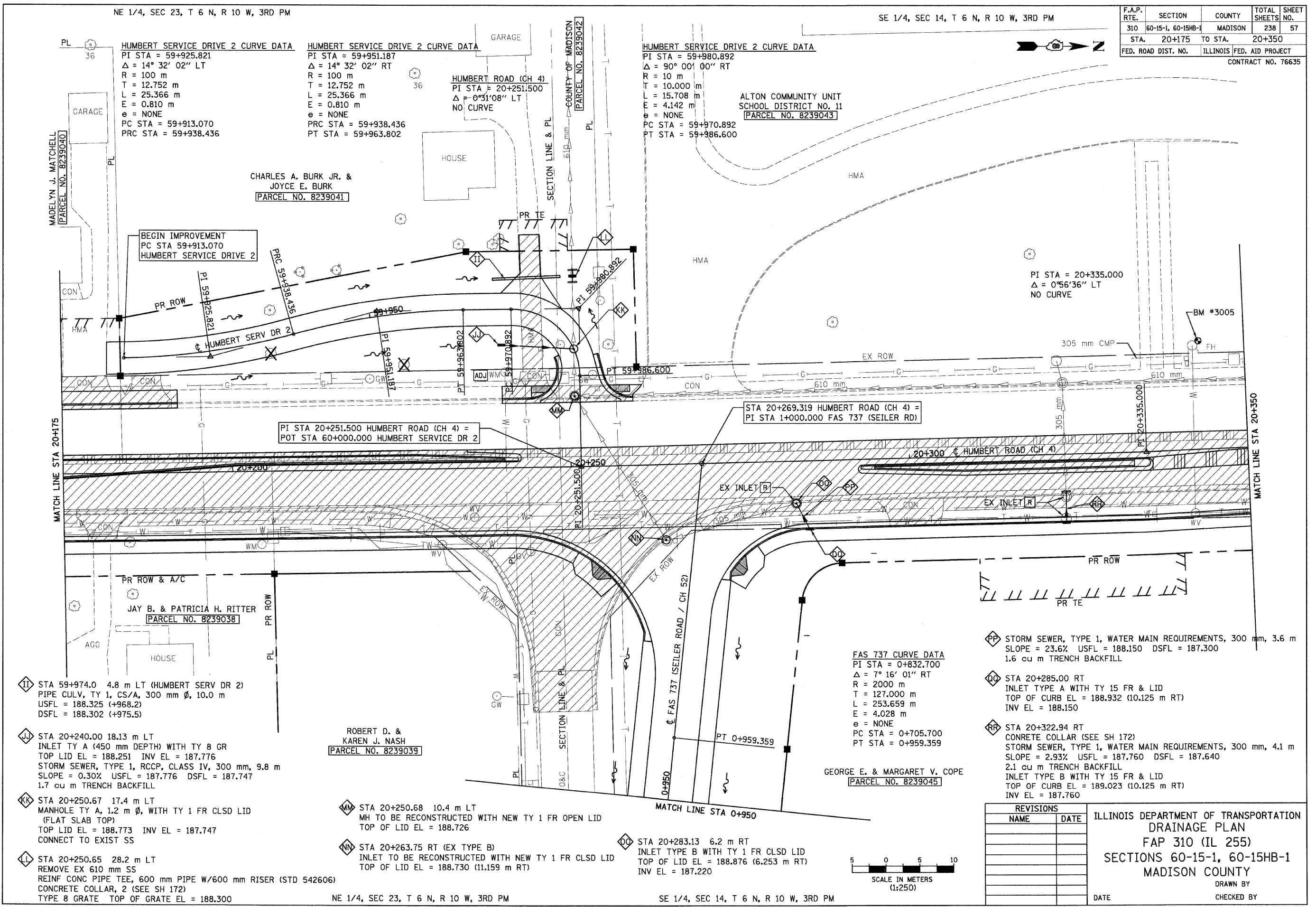


DRAINAGE PROFILE HUMBERT ROAD STA 20+000 TO STA 20+175

NE 1/4, SEC 23, T 6 N, R 10 W, 3RD PM

SE 1/4, SEC 14, T 6 N, R 10 W, 3RD PM

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|--------------------|---------------------------|--------------|-----------|
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 57 |
| STA. 20+175 | | TO STA. 20+350 | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76635 | | | | |



HUMBERT SERVICE DRIVE 2 CURVE DATA
 PI STA = 59+925.821
 $\Delta = 14^\circ 32' 02''$ LT
 R = 100 m
 T = 12.752 m
 L = 25.366 m
 E = 0.810 m
 $e = \text{NONE}$
 PC STA = 59+913.070
 PRC STA = 59+938.436

HUMBERT SERVICE DRIVE 2 CURVE DATA
 PI STA = 59+951.187
 $\Delta = 14^\circ 32' 02''$ RT
 R = 100 m
 T = 12.752 m
 L = 25.366 m
 E = 0.810 m
 $e = \text{NONE}$
 PRC STA = 59+938.436
 PT STA = 59+963.802

HUMBERT SERVICE DRIVE 2 CURVE DATA
 PI STA = 59+980.892
 $\Delta = 90^\circ 00' 00''$ RT
 R = 10 m
 T = 10.000 m
 L = 15.708 m
 E = 4.142 m
 $e = \text{NONE}$
 PC STA = 59+970.892
 PT STA = 59+986.600

PI STA = 20+335.000
 $\Delta = 0^\circ 56' 36''$ LT
 NO CURVE

FAS 737 CURVE DATA
 PI STA = 0+832.700
 $\Delta = 7^\circ 16' 01''$ RT
 R = 2000 m
 T = 127.000 m
 L = 253.659 m
 E = 4.028 m
 $e = \text{NONE}$
 PC STA = 0+705.700
 PT STA = 0+959.359

- II STA 59+974.0 4.8 m LT (HUMBERT SERV DR 2)
PIPE CULV, TY 1, CS/A, 300 mm ϕ , 10.0 m
USFL = 188.325 (+968.2)
DSFL = 188.302 (+975.5)
- JJ STA 20+240.00 18.13 m LT
INLET TY A (450 mm DEPTH) WITH TY 8 GR
TOP LID EL = 188.251 INV EL = 187.776
STORM SEWER, TYPE 1, RCCP, CLASS IV, 300 mm, 9.8 m
SLOPE = 0.30% USFL = 187.776 DSFL = 187.747
1.7 cu m TRENCH BACKFILL
- KK STA 20+250.67 17.4 m LT
MANHOLE TY A, 1.2 m ϕ , WITH TY 1 FR CLSD LID
(FLAT SLAB TOP)
TOP LID EL = 188.773 INV EL = 187.747
CONNECT TO EXIST SS
- LL STA 20+250.65 28.2 m LT
REMOVE EX 610 mm SS
REINF CONC PIPE TEE, 600 mm PIPE W/600 mm RISER (STD 542606)
CONCRETE COLLAR, 2 (SEE SH 172)
TYPE 8 GRATE TOP OF GRATE EL = 188.300

- MM STA 20+250.68 10.4 m LT
MH TO BE RECONSTRUCTED WITH NEW TY 1 FR OPEN LID
TOP OF LID EL = 188.726
- NN STA 20+263.75 RT (EX TYPE B)
INLET TO BE RECONSTRUCTED WITH NEW TY 1 FR CLSD LID
TOP OF LID EL = 188.730 (11.159 m RT)

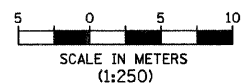
- OO STA 20+283.13 6.2 m RT
INLET TYPE B WITH TY 1 FR CLSD LID
TOP OF LID EL = 188.876 (6.253 m RT)
INV EL = 187.220

- PP STORM SEWER, TYPE 1, WATER MAIN REQUIREMENTS, 300 mm, 3.6 m
SLOPE = 23.6% USFL = 188.150 DSFL = 187.300
1.6 cu m TRENCH BACKFILL
- QQ STA 20+285.00 RT
INLET TYPE A WITH TY 15 FR & LID
TOP OF CURB EL = 188.932 (10.125 m RT)
INV EL = 188.150
- RR STA 20+322.94 RT
CONCRETE COLLAR (SEE SH 172)
STORM SEWER, TYPE 1, WATER MAIN REQUIREMENTS, 300 mm, 4.1 m
SLOPE = 2.93% USFL = 187.760 DSFL = 187.640
2.1 cu m TRENCH BACKFILL
INLET TYPE B WITH TY 15 FR & LID
TOP OF CURB EL = 189.023 (10.125 m RT)
INV EL = 187.760

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ILLINOIS DEPARTMENT OF TRANSPORTATION
 DRAINAGE PLAN
 FAP 310 (IL 255)
 SECTIONS 60-15-1, 60-15HB-1
 MADISON COUNTY

DATE _____ CHECKED BY _____
 HUMBERT ROAD STA 20+175 TO STA 20+350

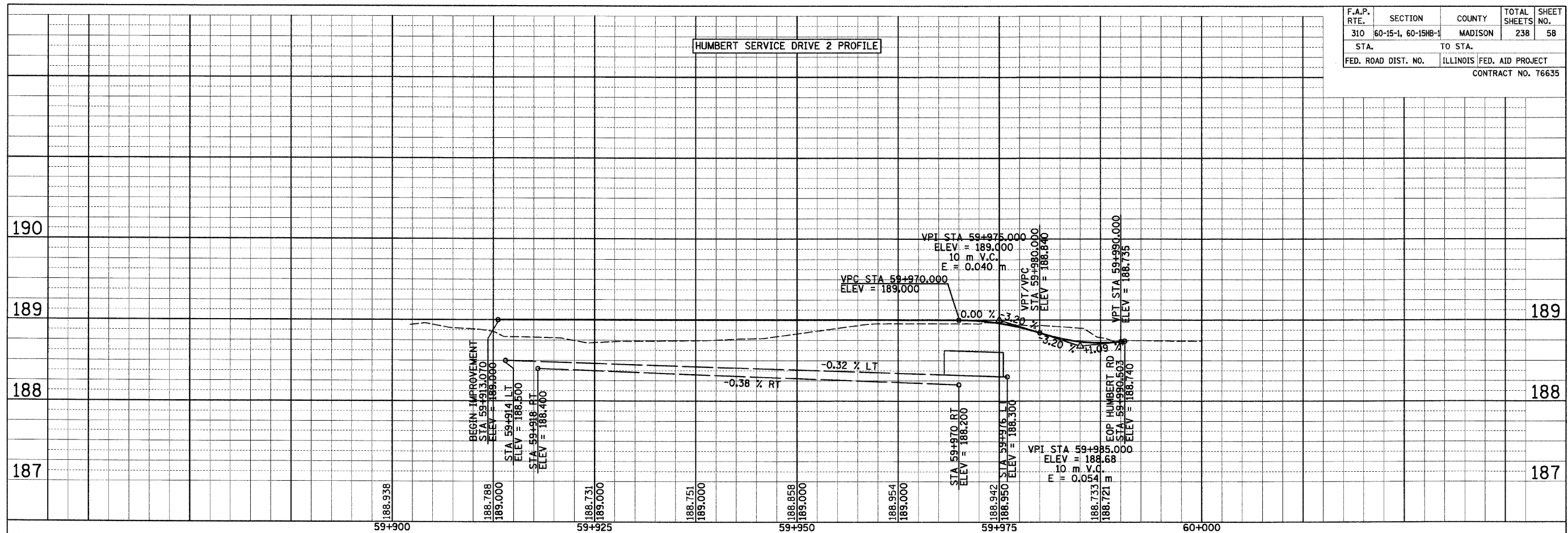


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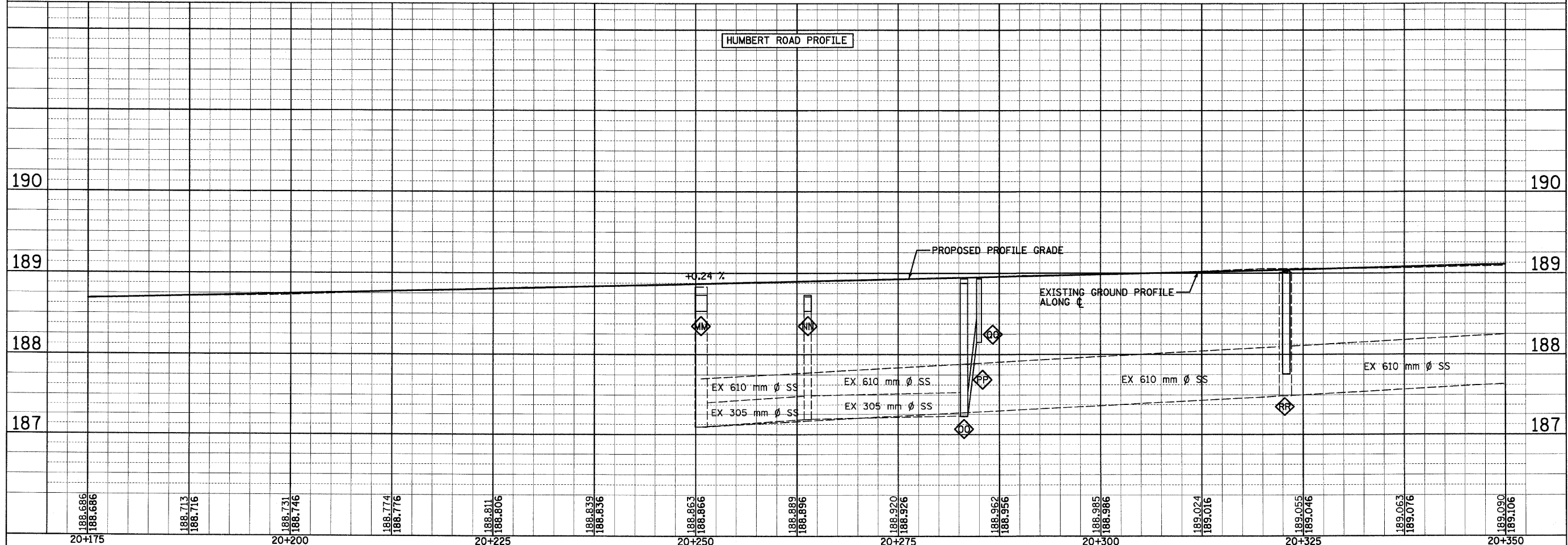
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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 58 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76635 | | | | |

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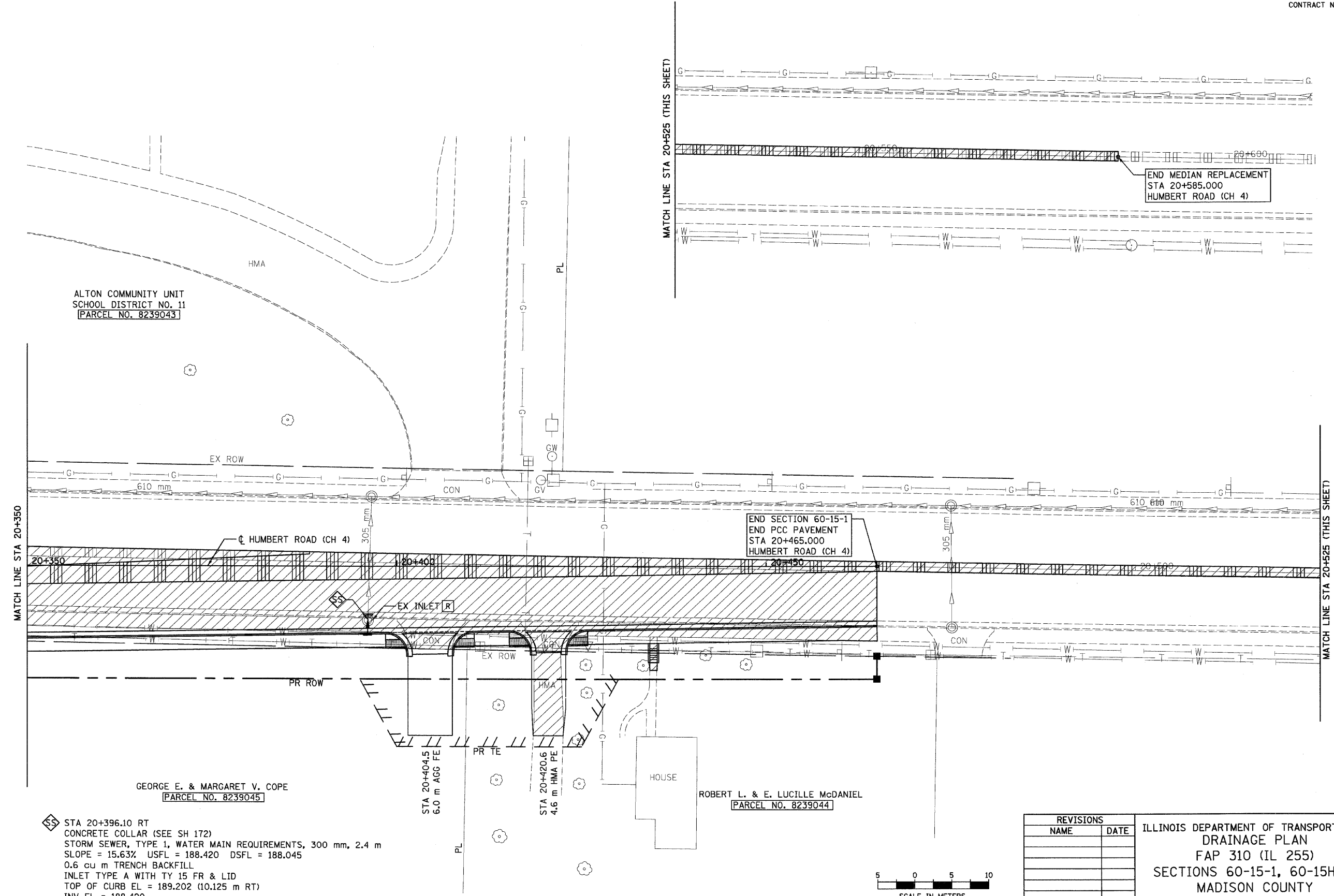
DRAINAGE PROFILE HUMBERT ROAD STA 20+175 TO STA 20+350

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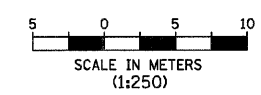
SE 1/4, SEC 14, T 6 N, R 10 W, 3RD PM



| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
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| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 59 |
| STA. 20+350 | | TO STA. | 20+525 | |
| FED. ROAD DIST. NO. | | ILLINOIS | FED. AID PROJECT | |
| CONTRACT NO. 76635 | | | | |



STA 20+396.10 RT
 CONCRETE COLLAR (SEE SH 172)
 STORM SEWER, TYPE 1, WATER MAIN REQUIREMENTS, 300 mm, 2.4 m
 SLOPE = 15.63% USFL = 188.420 DSFL = 188.045
 0.6 cu m TRENCH BACKFILL
 INLET TYPE A WITH TY 15 FR & LID
 TOP OF CURB EL = 189.202 (10.125 m RT)
 INV EL = 188.420



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ILLINOIS DEPARTMENT OF TRANSPORTATION
 DRAINAGE PLAN
 FAP 310 (IL 255)
 SECTIONS 60-15-1, 60-15HB-1
 MADISON COUNTY
 DRAWN BY
 DATE
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HUMBERT ROAD STA 20+350 TO STA 20+465

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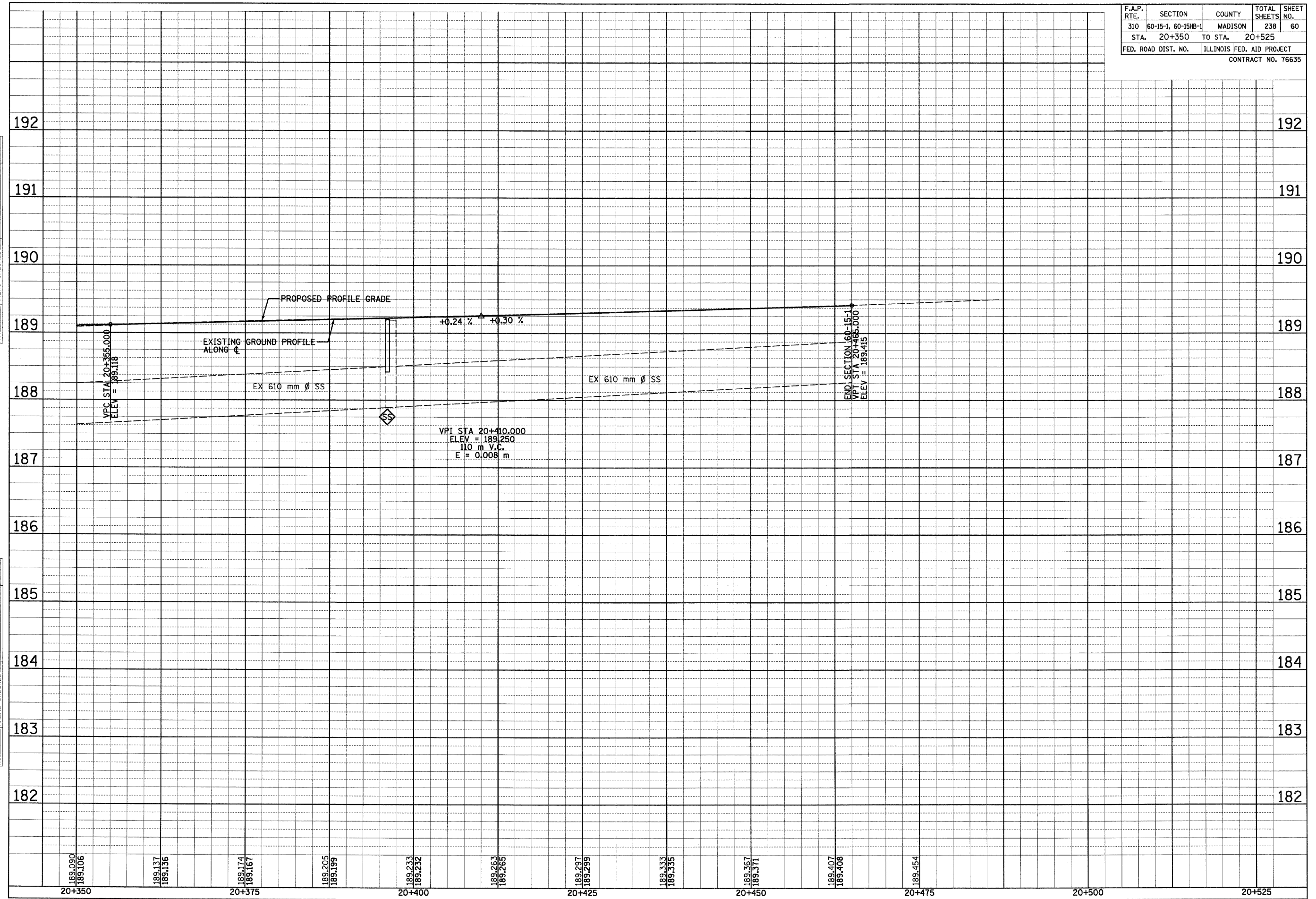
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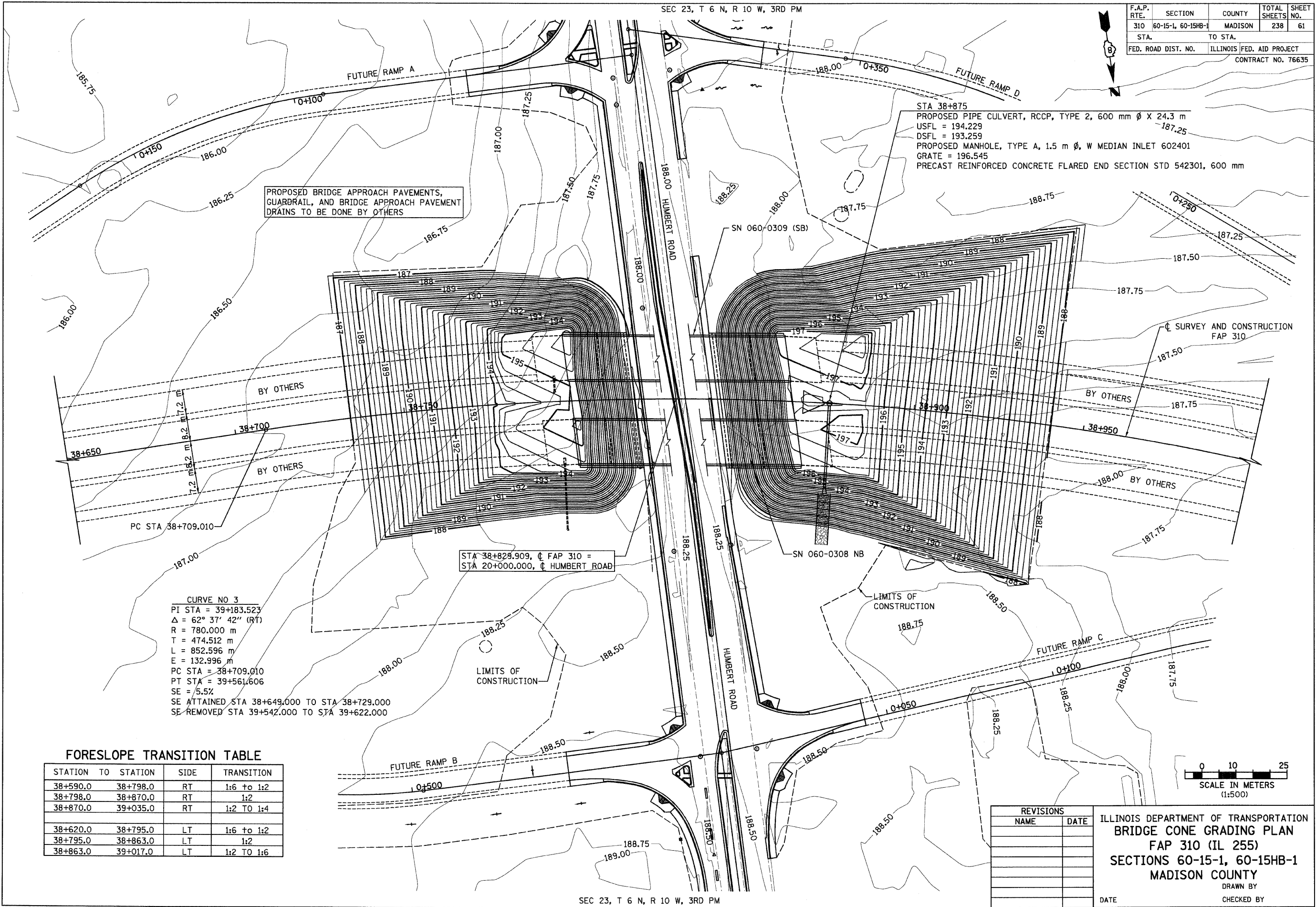
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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
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| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 60 |
| STA. 20+350 TO STA. 20+525 | | | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76635 | | | | |



DRAINAGE PROFILE HUMBERT ROAD STA 20+350 TO STA 20+465

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|--------------------|---------------------------|--------------|-----------|
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 61 |
| STA. TO STA. | | ILLINOIS FED. AID PROJECT | | |
| FED. ROAD DIST. NO. | | CONTRACT NO. 76635 | | |



PROPOSED BRIDGE APPROACH PAVEMENTS, GUARDRAIL, AND BRIDGE APPROACH PAVEMENT DRAINS TO BE DONE BY OTHERS

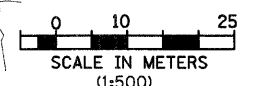
STA 38+875
 PROPOSED PIPE CULVERT, RCCP, TYPE 2, 600 mm ϕ X 24.3 m
 USFL = 194.229
 DSFL = 193.259
 PROPOSED MANHOLE, TYPE A, 1.5 m ϕ , W MEDIAN INLET 602401
 GRATE = 196.545
 PRECAST REINFORCED CONCRETE FLARED END SECTION STD 542301, 600 mm

STA 38+829.909, ϕ FAP 310 =
 STA 20+000.000, ϕ HUMBERT ROAD

CURVE NO 3
 PI STA = 39+183.523
 $\Delta = 62^\circ 37' 42''$ (RT)
 R = 780.000 m
 T = 474.512 m
 L = 852.596 m
 E = 132.996 m
 PC STA = 38+709.010
 PT STA = 39+561.606
 SE = 5.5%
 SE ATTAINED STA 38+649.000 TO STA 38+729.000
 SE REMOVED STA 39+542.000 TO STA 39+622.000

FORESLOPE TRANSITION TABLE

| STATION TO | STATION | SIDE | TRANSITION |
|------------|----------|------|------------|
| 38+590.0 | 38+798.0 | RT | 1:6 to 1:2 |
| 38+798.0 | 38+870.0 | RT | 1:2 |
| 38+870.0 | 39+035.0 | RT | 1:2 TO 1:4 |
| 38+620.0 | 38+795.0 | LT | 1:6 to 1:2 |
| 38+795.0 | 38+863.0 | LT | 1:2 |
| 38+863.0 | 39+017.0 | LT | 1:2 TO 1:6 |



| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
| | |
| | |
| | |
| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION
BRIDGE CONE GRADING PLAN
 FAP 310 (IL 255)
 SECTIONS 60-15-1, 60-15HB-1
 MADISON COUNTY
 DRAWN BY _____
 CHECKED BY _____
 DATE _____

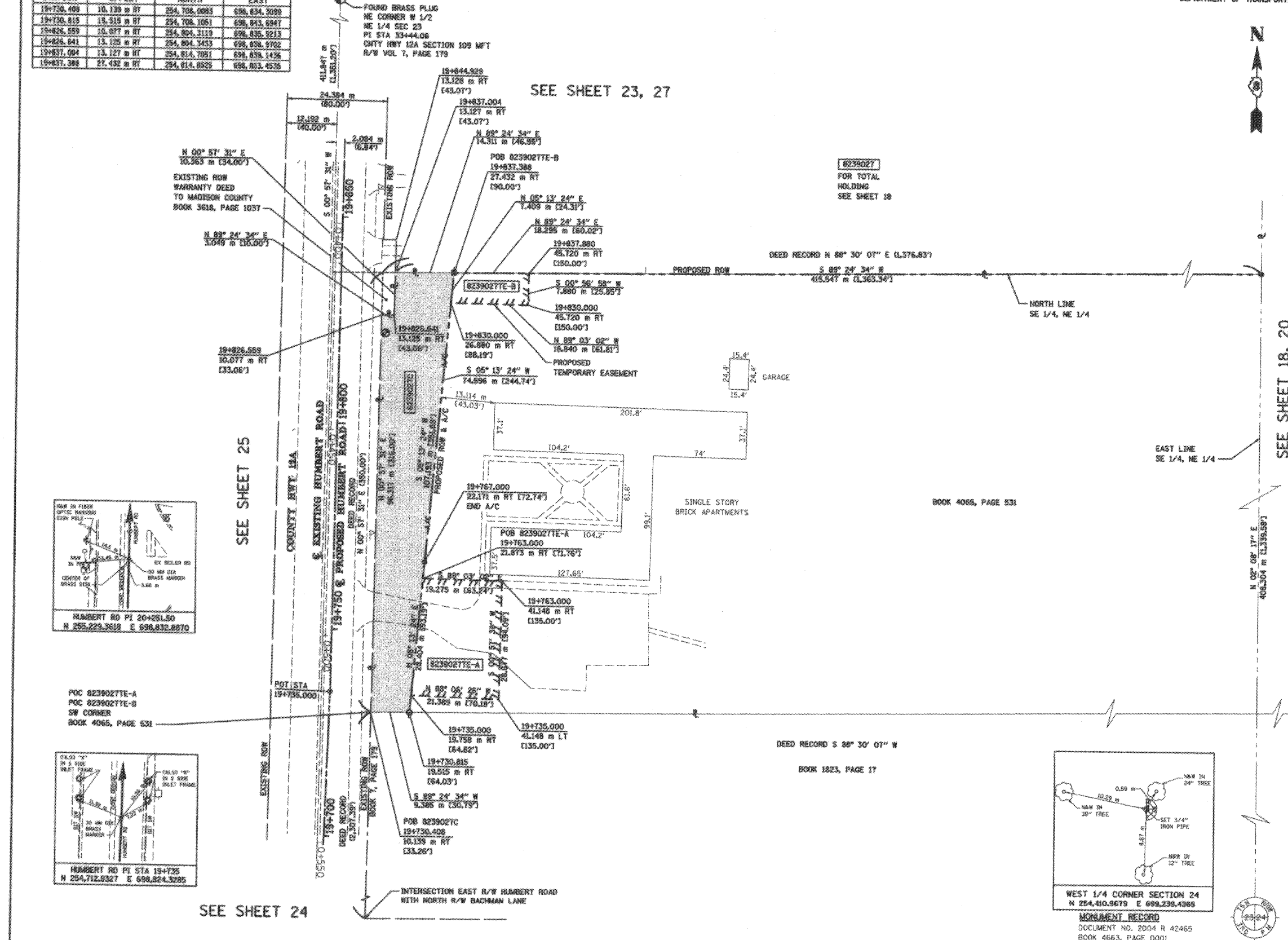
p:\001\les\000224\HUMBERT\Detail\Misc\Grading\plan015e.dgn

COORDINATES SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

| STATION | OFFSET | NORTH | EAST |
|------------|-------------|--------------|--------------|
| 19+730.408 | 10.139 m RT | 254,708.0083 | 698,834.3098 |
| 19+730.815 | 18.515 m RT | 254,708.1051 | 698,843.6947 |
| 19+826.559 | 10.077 m RT | 254,804.3110 | 698,835.9213 |
| 19+826.641 | 13.125 m RT | 254,804.3433 | 698,838.9702 |
| 19+837.004 | 13.127 m RT | 254,814.7051 | 698,838.1436 |
| 19+837.388 | 27.432 m RT | 254,814.8525 | 698,833.4535 |

PART OF THE NE 1/4 OF SECTION 23, T6N, R10W, OF THE 3RD PM, MADISON COUNTY, ILLINOIS

BEARINGS SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.



LEGEND

- EXISTING CENTERLINE
- EXISTING RIGHT OF WAY LINE
- EXISTING EASEMENT LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY AND PROPOSED ACCESS CONTROL LINE
- PROPOSED TEMPORARY EASEMENT LINE
- PROPOSED PERMANENT EASEMENT LINE
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- ENGLISH EQUIVALENT TO METRIC DIM.
- RECORDED DIMENSION
- FOUND IRON PIPE OR IRON ROD
- SET 5/8 INCH IRON ROD
- PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- CUT CROSS FOUND OR SET
- SAME OWNERSHIP

- STAKING OF PROPOSED RIGHT OF WAY. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

STATE OF ILLINOIS)
COUNTY OF ADAMS) SS

THIS IS TO CERTIFY THAT I, JOHN E. BASINGER AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE DIRECTED THE SURVEY AND DRAFTING OF THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 23, TOWNSHIP 6 NORTH, RANGE 10 WEST, OF THE THIRD PRINCIPAL MERIDIAN, MADISON COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED 11-30-2005

John E. Basinger
John E. Basinger, PLS #2766
LICENSE EXPIRATION DATE: 11-30-2008
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
FIELD WORK COMPLETED APRIL 2004

KLINGNER & ASSOCIATES, P.C.

Engineers / Architects
616 North 24th Street (217) 223-3670
Quincy, Illinois 62301 FAX: 223-3603
Internet Address: www.klingner.com
STATE OF ILLINOIS DESIGN FIRM # 1842738

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAP ROUTE 310 (IL 255)
SECTION 60-15
MADISON COUNTY
JOB NO. R-98-039-92
HUMBERT ROAD
STATION 19+730.815 TO STATION 19+837.389

0 m 10 m 20 m 30 m
SCALE 1:500 SHEET 21 OF 55

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/DISTRICT 8
1102 EASTPORT PLAZA DRIVE
COLLINGSVILLE, ILLINOIS 62234-8198

| PARCEL NO. | OWNER | TOTAL HOLDING | FEE SIMPLE ACQUISITION | | | | REMAINDER | | EASEMENTS | | | PERMANENT TAX NUMBER | PROPERTY ACQUIRED BY | | |
|------------|--|---------------|------------------------|---------|----------------------|---------|-----------------------|-----------------------|----------------------------------|------------------|-------------|----------------------|----------------------|---------------------------|--|
| | | | GROSS | | PREVIOUSLY DEDICATED | | NORTH OF PROPOSED ROW | SOUTH OF PROPOSED ROW | PE = PERMANENT TE = TEMPORARY | EASEMENT PURPOSE | | | | | |
| | | | ACRES | SQ. FT. | ACRES | SQ. FT. | | | | | ACRES | | | SQ. FT. | |
| 8239027 | BEVERLY FARM ASSOCIATION, AN ILLINOIS NOT FOR PROFIT CORPORATION TITLE REPORT NO. MA-2640 | 140.5319 | A-11.6470 | 507,343 | N/A | N/A | 11.6470 | 507,343 | 17.4655 | 96.7336 | N/A | N/A | N/A | 24-1-01-23-00-000-016.001 | |
| | | | B-14.3412 | 624,704 | N/A | N/A | 14.3412 | 624,704 | | | N/A | N/A | N/A | 24-1-01-23-00-000-016.A01 | |
| | | | C-0.3446 | 15,010 | N/A | N/A | 0.3446 | 15,010 | | | TE-A 0.1432 | 6,239 | ENTRANCE | 24-1-01-24-00-000-002.001 | |
| | | | | | | | | | | | TE-B 0.0360 | 1,525 | GRADING | | |

11/30/2005 3:08:37 PM
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p:\004\1\m\88824\1\m\8239027.dwg
-APP-
-REF-
-DEF-
-PROP-

COORDINATES SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

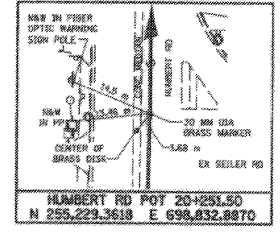
PART OF THE NE 1/4 OF SECTION 23, T6N, R10W, OF THE 3RD PM, MADISON COUNTY, ILLINOIS

BEARINGS SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

COORDINATE TABLE (FAP 310 IL 255) with columns for STATION, OFFSET, NORTH, and EAST.

FOUND BRASS PLUG NW CORNER NE 1/4 NE 1/4 SEC 23 PI STA 33+44.06...

COORDINATE TABLE (PR HUMBERT RD) with columns for STATION, OFFSET, NORTH, and EAST.



PR FAP310 CURVE 3 PI STA = 39+183.523, R = 780.000 m, T = 474.512 m, L = 652.596 m, PC STA = 38+709.010, PT STA = 39+661.606.

PR CURVE RAMP B-1 PI STA = 0+238.776, R = 255.000 m, T = 55.686 m, L = 109.669 m, PC STA = 0+243.080, PT STA = 0+352.749.



STAKING OF PROPOSED RIGHT OF WAY. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

STATE OF ILLINOIS))
COUNTY OF ADAMS))

THIS IS TO CERTIFY THAT I, JOHN E. BASINGER AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE DIRECTED THE SURVEY AND DRAFTING OF THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 23, TOWNSHIP 6 NORTH, RANGE 10 WEST, OF THE THIRD PRINCIPAL MERIDIAN, MADISON COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED 11-30-2005
JOHN E. BASINGER, PLS #2766
LICENSE EXPIRATION DATE: 11-30-2008
"THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY."
FIELD WORK COMPLETED: APRIL 2004



Engineers / Architects
616 North 24th Street (217) 223-3670
Quincy, Illinois 62301 FAX 223-3603
Internet Address: www.klingner.com
STATE OF ILLINOIS DESIGN FIRM # 1842736

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAP ROUTE 310 (IL 255)
SECTION 60-15
MADISON COUNTY
JOB NO. R-98-039-92
HUMBERT ROAD
STATION 19+837.389 TO STATION 20+047.297
SCALE 1:1000 SHEET 23 OF 55
ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/DISTRICT 8
1102 EASTPORT PLAZA DRIVE
COLLINGSVILLE, ILLINOIS 62234-6196

PLAT DATE: 11/30/2005 3:05:16 PM

SEE SHEET 29

SEE SHEET 37, 38

SEE SHEET 18, 20

SEE SHEET 18, 21

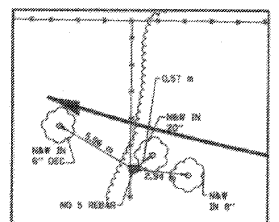
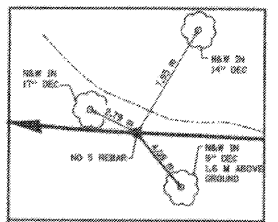
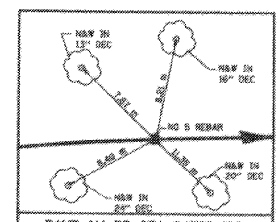
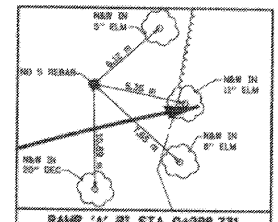
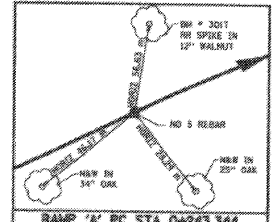
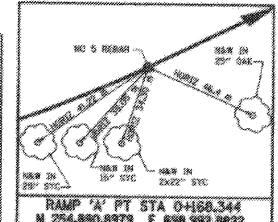
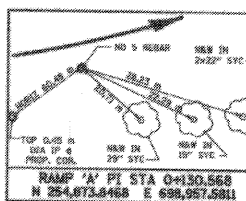
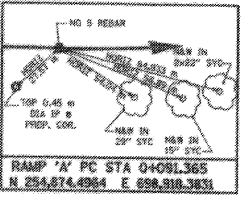
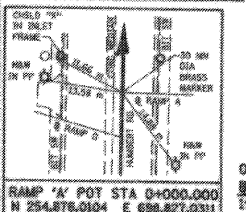
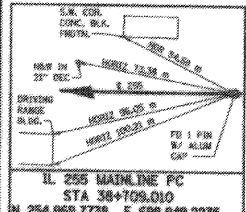
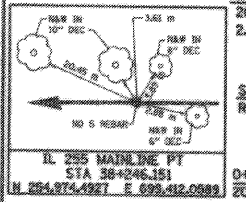


Table with columns: PARCEL NO., OWNER, TOTAL HOLDING, GROSS, PREVIOUSLY DEDICATED, NET, REMAINDER, EASEMENTS, PERMANENT TAX NUMBER, PROPERTY ACQUIRED BY.

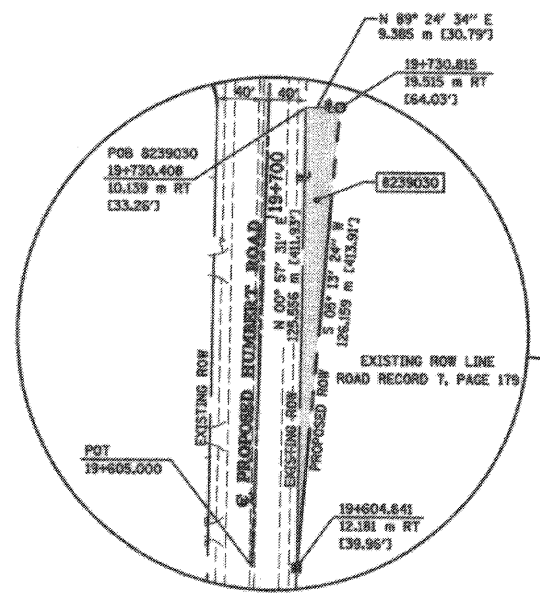
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DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

PART OF THE NE 1/4 OF SECTION 23, T6N, R10W, OF THE 3RD PM, MADISON COUNTY, ILLINOIS

BEARINGS SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

| COORDINATE TABLE | | | |
|------------------|-------------|--------------|--------------|
| STATION | OFFSET | NORTH | EAST |
| 19+604.641 | 12.181 m RT | 254,582.4101 | 698,832.2894 |
| 19+730.408 | 10.139 m RT | 254,194.0883 | 698,834.3099 |
| 19+730.815 | 18.915 m RT | 254,708.1861 | 698,943.6947 |



SEE SHEET 18, 21, 25

EXISTING HUMBERT ROAD

FOUND BRASS PLUG
NE CORNER W 1/2
NE 1/4 SEC 23
PI STA 33+44.06
CNTY HWY 12A SECTION 109 MFT
R/W VOL 7, PAGE 179

NE 1/4, NE 1/4

W 1/2, NE 1/4,
SECTION 23

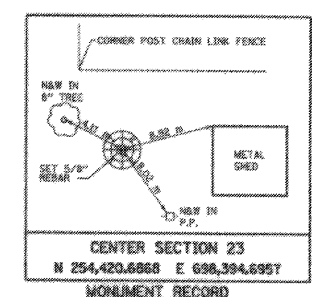
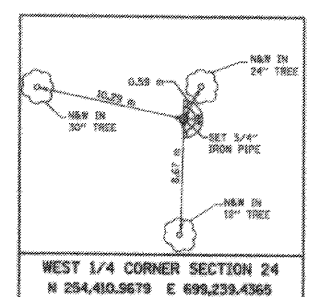
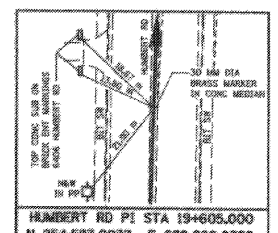
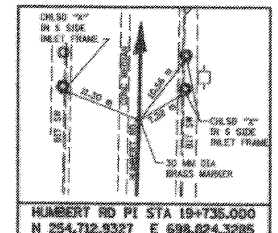
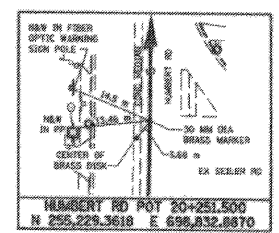
SE 1/4, NE 1/4

EXISTING HUMBERT ROAD

DESCRIBED BY TITLE REPORT MA *3030
73.48 ACRES

DESCRIBED BY TITLE REPORT MA *3030
73.48 ACRES

BOOK 4065, PAGE 0531
141.62 ACRES



WEST 1/4 CORNER SECTION 24
N 254,410.9679 E 698,239.4365
MONUMENT RECORD
DOCUMENT NO. 2004 R 42465
BOOK 4663, PAGE 0001
RECORDED JUL 16, 2004

CENTER SECTION 23
N 254,420.6868 E 698,394.6957
MONUMENT RECORD
DOCUMENT NO. 2004 R 42465
BOOK 4663, PAGE 0001
RECORDED JUL 16, 2004

E 1/2, SECTION 23

DEED RECORD 02,307,397

N 00° 57' 31" E
76.228 m (COMP)
(250.09')

INTERSECTION OF EASTERLY
R/W OF HUMBERT ROAD WITH
NORTHERLY R/W OF BACHMAN LANE

S 89° 05' 55" W
622.868 m (COMP) (2,043.59')
(2,068.65')

N 00° 34' 08" W
158.719 m (COMP) (520.79')

W 1/2, SECTION 24

LEGEND

- EXISTING CENTERLINE
- EXISTING RIGHT OF WAY LINE
- EXISTING EASEMENT LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED TEMPORARY EASEMENT LINE
- PROPOSED PERMANENT EASEMENT LINE
- SECTION LINE
- QUARTER SECTION LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- ENGLISH EQUIVALENT TO METRIC DIM.
- RECORDED DIMENSION
- FOUND IRON PIPE OR IRON ROD
- SET 5/8 INCH IRON ROD
- PERMANENT SURVEY MONUMENT, I.O.D.T. STD. 2135 (TO BE SET BY OTHERS)
- CUT CROSS FOUND OR SET
- SAME OWNERSHIP

STAKING OF PROPOSED RIGHT OF WAY. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

STATE OF ILLINOIS)
) SS
COUNTY OF ADAMS)

THIS IS TO CERTIFY THAT I, JOHN E. BASINGER AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE DIRECTED THE SURVEY AND DRAFTING OF THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 23, TOWNSHIP 6 NORTH, RANGE 10 WEST, OF THE THIRD PRINCIPAL MERIDIAN, MADISON COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED 11-30-2005

John E. Basinger
Professional Land Surveyor
No. 2766



John E. Basinger, PLS #2766
LICENSE EXPIRATION DATE: 11-30-2006
*THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
FIELD WORK COMPLETED: APRIL 2004



Engineers / Architects
616 North 24th Street (217) 223-3670
Quincy, Illinois 62301 FAX: 223-3603
Internet Address: www.klingner.com
STATE OF ILLINOIS DESIGN FIRM # 1842758

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAP ROUTE 310 (IL 255)
SECTION 60-15
MADISON COUNTY
JOB NO. R-98-039-92
HUMBERT ROAD
STATION 19+604.641 TO STATION 19+730.815

0 m 50 m 100 m
SCALE 1:2000

SHEET 24 OF 55

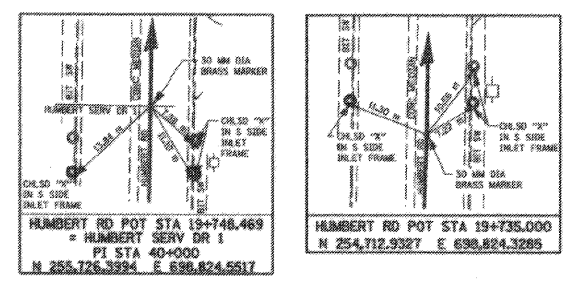
ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS-DISTRICT 3
1102 EASTPORT PLAZA DRIVE
COLLINSVILLE, ILLINOIS 62234-8180

| PARCEL NO. | OWNER | TOTAL HOLDING ACRES | FEE SIMPLE ACQUISITION | | | | REMAINDER ACRES | EASEMENTS | | PERMANENT TAX NUMBER | PROPERTY ACQUIRED BY | | | |
|------------|---|---------------------|------------------------|----------------------------|-----------|-------|-----------------|----------------|------------------|----------------------|----------------------|-----|--|--|
| | | | GROSS ACRES | PREVIOUSLY DEDICATED ACRES | NET ACRES | ACRES | | PE = PERMANENT | EASEMENT PURPOSE | | | | | |
| 8239030 | BEVERLY FARM FOUNDATION, an ILLINOIS NOT-FOR-PROFIT CORPORATION TITLE REPORT NO. MA-3030.0 | 72.1073 | 0.1455 | 6,340 | N/A | N/A | 0.1455 | 6,340 | 71.9618 | N/A | N/A | N/A | 24-1-01-23-00-000-016.A00 24-1-01-23-00-000-016 | |

COORDINATES SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

| STATION | OFFSET | NORTH | EAST |
|------------|--------------|--------------|--------------|
| 19+728.944 | 14.241 m LT | 254,708.9496 | 698,809.9282 |
| 19+742.373 | 26.514 m LT | 254,720.7438 | 698,797.9400 |
| 19+754.568 | 63.993 m LT | 254,721.9650 | 698,780.4665 |
| 19+766.755 | 26.509 m LT | 254,732.9340 | 698,798.1477 |
| 19+777.657 | 63.993 m LT | 254,733.5554 | 698,780.6686 |
| 19+786.296 | 14.317 m LT | 254,744.9204 | 698,810.9401 |
| 19+777.931 | 100.080 m LT | 254,757.2419 | 698,724.9695 |
| 19+786.296 | 88.080 m LT | 254,766.8831 | 698,724.9183 |
| 19+786.352 | 68.080 m LT | 254,765.7371 | 698,737.1114 |
| 19+786.691 | 14.313 m LT | 254,764.8542 | 698,810.8736 |

W 1/2, NE 1/4 SECTION 23 BOOK 2214, PAGE 185



SEE SHEET 26

CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

LEGEND

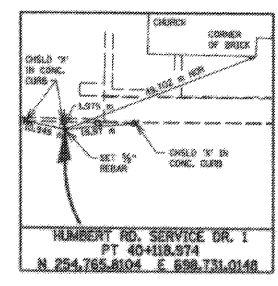
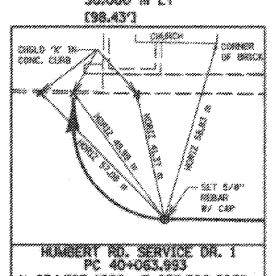
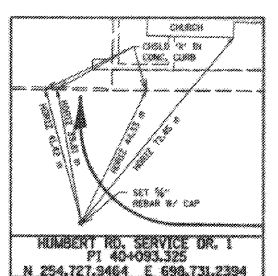
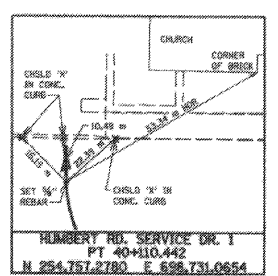
- EXISTING CENTERLINE
- EXISTING RIGHT OF WAY LINE
- EXISTING ROW AND PROPOSED ACCESS CONTROL LINE
- EXISTING EASEMENT LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY AND PROPOSED ACCESS CONTROL LINE
- PROPOSED TEMPORARY EASEMENT LINE
- PROPOSED PERMANENT EASEMENT LINE
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER SECTION LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- ENGLISH EQUIVALENT TO METRIC DIM.
- RECORDED DIMENSION
- FOUND IRON PIPE OR IRON ROD SET 5/8 INCH IRON ROD PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- CUT CROSS FOUND OR SET
- SAME OWNERSHIP
- STAKING OF PROPOSED RIGHT OF WAY. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

OUTLOT "A" (WARRANTY DEED INTO TRUST-PARCEL 2 BOOK 446, PAGE 5417)

PART OUTLOT "A" HUMBERT ACRES FLAT BOOK 35, PG 22 RECORDED JULY 29, 1965 (WARRANTY DEED INTO TRUST-PARCEL 1 BK 446, PG 5417) (WALKER EXCEPTION BOOK 444, PAGE 589)

HUMBERT SERVICE DRIVE 1 CURVE DATA

PI STA = 40+093.325
 $\Delta = 88^\circ 42' 37''$ RT
 $R = 30,000$ m [98.42']
 $T = 29,332$ m [96.23']
 $L = 46,449$ m [152.39']
 $E = 11,957$ m [39.23']
 $\epsilon = 6.0\%$
 PC STA = 40+063.993
 PT STA = 40+110.442
 SE TRANSITION:
 STA 40+032 TO 40+080
 STA 40+080 TO 40+110



| PARCEL NO. | OWNER | TOTAL HOLDING ACRES | FEE SIMPLE ACQUISITION | | | | REMAINDER | | EASEMENTS | | PERMANENT TAX NUMBER | PROPERTY ACQUIRED BY | | |
|------------|---|---------------------|------------------------|---------|----------------------------|---------|-----------|---------|----------------------|----------------------|----------------------|----------------------|---------------------------|----------------------|
| | | | GROSS ACRES | SQ. FT. | PREVIOUSLY DEDICATED ACRES | SQ. FT. | NET ACRES | SQ. FT. | NORTH OF DRIVE ACRES | SOUTH OF DRIVE ACRES | | | PE = PERMANENT ACRES | TE = TEMPORARY ACRES |
| 8239031 | UNITED COMMUNITY BANK as TRUSTEE under TRUST AGREEMENT dated December 31, 1987 known as Trust number 497-194 TITLE REPORT NO. MA-3032.G | 13.8793 | 0.3311 | 14,421 | N/A | N/A | 0.3311 | 14,421 | 0.5431 | 13.0051 | TE-A 0.0151 696 | GRADING FOR ENTRANCE | 24-2-01-23-02-202-002.001 | |
| | | | | | | | | | | | TE-B 0.0151 696 | GRADING FOR ENTRANCE | 24-2-01-23-02-202-002.002 | |

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PLAT OF HIGHWAYS
 FAP ROUTE 310 (IL 255)
 SECTION 60-15
 MADISON COUNTY
 JOB NO. R-98-039-92
 HUMBERT ROAD
 STATION 19+729.943 TO STATION 19+786.352

SCALE 1:250 SHEET 25 OF 55

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS/DISTRICT 8
 1302 EASTPORT PLAZA DRIVE
 COLLINSVILLE, ILLINOIS 62234-6186

11/28/2005 11:28:22AM 3/10/2011 PM 11/28/2005 11:28:22AM 3/10/2011 PM

COORDINATES SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

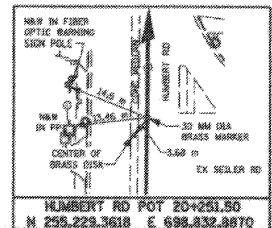
PART OF THE NE 1/4 OF SECTION 23, T6N, R10W, OF THE 3RD PM, MADISON COUNTY, ILLINOIS

BEARINGS SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

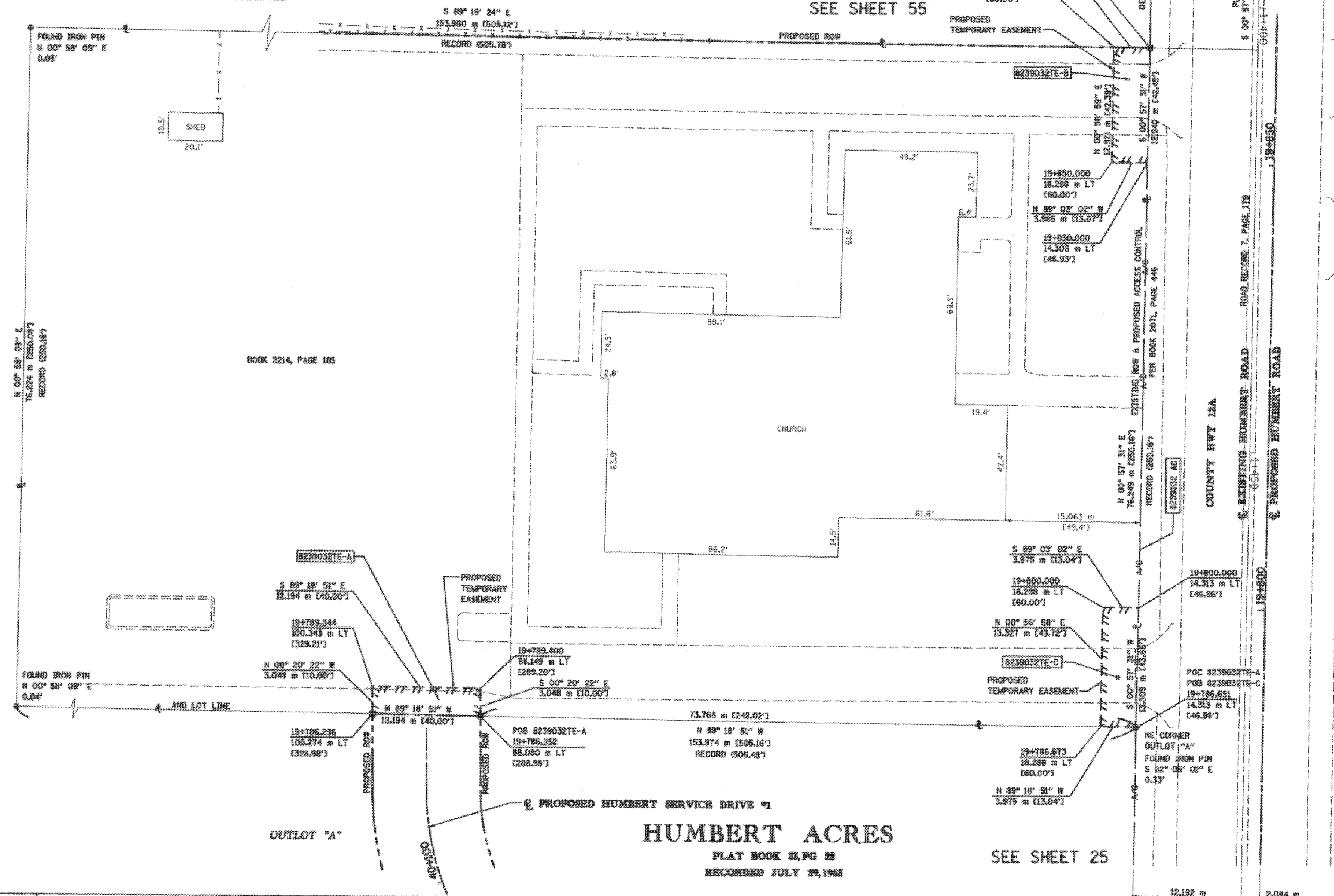
| STATION | OFFSET | NORTH | EAST |
|------------|--------------|--------------|--------------|
| 19+786.236 | 100.274 m LT | 254,765.8831 | 698,724.9183 |
| 19+786.352 | 88.060 m LT | 254,765.7371 | 698,737.1114 |
| 19+786.673 | 18.288 m LT | 254,764.8017 | 698,806.6993 |
| 19+786.691 | 14.313 m LT | 254,764.8542 | 698,810.8736 |
| 19+789.344 | 100.343 m LT | 254,768.9315 | 698,724.9002 |
| 19+789.400 | 88.149 m LT | 254,768.7655 | 698,737.0933 |
| 19+800.000 | 18.288 m LT | 254,778.2263 | 698,807.1201 |
| 19+800.000 | 14.313 m LT | 254,778.1610 | 698,811.0942 |
| 19+850.000 | 18.288 m LT | 254,828.2200 | 698,807.9486 |
| 19+850.000 | 14.303 m LT | 254,828.1540 | 698,811.9328 |
| 19+862.921 | 18.288 m LT | 254,841.1781 | 698,808.1627 |
| 19+862.940 | 14.301 m LT | 254,841.0920 | 698,812.1492 |

W 1/2, NE 1/4 SECTION 23

PROJECT PARCEL 8239004
TRACT 5
1946 PLAT BY SHEPPARD, MORGAN & SCHWAAB



SEE SHEET 55



LEGEND

SECTION CORNER
QUARTER SECTION CORNER

EXISTING CENTERLINE
EXISTING RIGHT OF WAY LINE
EXISTING ROW AND PROPOSED ACCESS CONTROL LINE
EXISTING EASEMENT LINE
PROPOSED CENTERLINE
PROPOSED RIGHT OF WAY LINE
PROPOSED TEMPORARY EASEMENT LINE
PROPOSED PERMANENT EASEMENT LINE
SECTION LINE
QUARTER SECTION LINE
QUARTER QUARTER SECTION LINE
PROPERTY (DEED) LINE
APPARENT PROPERTY LINE
MEASURED DIMENSION
COMPUTED DIMENSION
ENGLISH EQUIVALENT TO METRIC DIM.
RECORDED DIMENSION
FOUND IRON PIPE OR IRON ROD
SET 5/8 INCH IRON ROD
PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
CUT CROSS FOUND OR SET
SAME OWNERSHIP

STAKING OF PROPOSED RIGHT OF WAY. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

STATE OF ILLINOIS)
COUNTY OF ADAMS)

THIS IS TO CERTIFY THAT I, JOHN E. BASINGER AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE DIRECTED THE SURVEY AND DRAFTING OF THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 23, TOWNSHIP 6 NORTH, RANGE 10 WEST, OF THE THIRD PRINCIPAL MERIDIAN, MADISON COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED 11-30-2005

John E. Basinger
JOHN E. BASINGER, PLS #2766
LICENSE EXPIRATION DATE: 11-30-2006
"THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY."
FIELD WORK COMPLETED: APRIL 2004

KLINGNER & ASSOCIATES, P.C.
Engineers / Architects
618 North 24th Street (217) 223-3670
Quincy, Illinois 62301 FAX: 223-3603
Internet Address: www.klingner.com
STATE OF ILLINOIS DESIGN FIRM # 1842736

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAP ROUTE 310 (IL 255)
SECTION 60-15
MADISON COUNTY
JOB NO. R-98-039-92
HUMBERT ROAD
STATION 19+786.352 TO STATION 19+862.940

SCALE 1:250

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/DISTRICT 8
1102 EASTPORT PLAZA DRIVE
COLLINSVILLE, ILLINOIS 62234-6198

| PARCEL NO. | OWNER | TOTAL HOLDING | | EASEMENTS | | | PERMANENT TAX NUMBER | PROPERTY ACQUIRED BY |
|------------|--|---------------|---------|-------------|-----------|------------------|-----------------------|----------------------|
| | | ACRES | SQ. FT. | PERMANENT | TEMPORARY | EASEMENT PURPOSE | | |
| 8239032 | THE CORPORATION of the Preelding BISHOP of the CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS, A UTAH CORPORATION TITLE REPORT NO. MA-3033.0 | 2.9005 | 126,344 | TE-A 0.0092 | 400 | ENTRANCE REMOVAL | 24-1-01-23-02-202-001 | |
| | | | | TE-B 0.0127 | 555 | ENTRANCE REMOVAL | | |
| | | | | TE-C 0.0131 | 570 | SERVICE DRIVE | | |

11-28-2005 11:38:23AM 3/11/05 PM 11:38:23AM 11/28/2005 11:38:23AM 11/28/2005 11:38:23AM

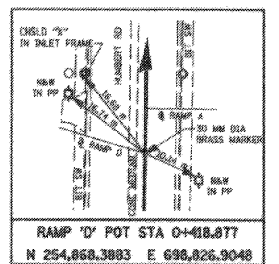
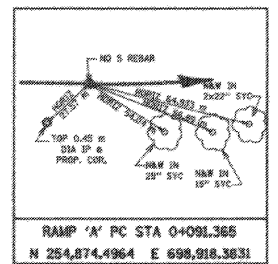
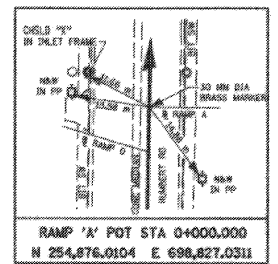
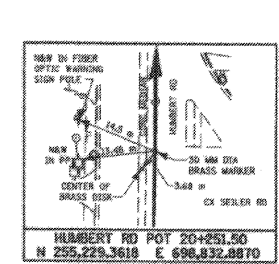
PART OF THE NE 1/4 OF SECTION 23, 16N, 10W, OF THE 3RD PM, MADISON COUNTY, ILLINOIS

CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

| COORDINATE TABLE | | | |
|------------------|--------------|--------------|--------------|
| STATION | OFFSET | NORTH | EAST |
| 19+836.594 | 2.113 m LT | 254,814.5479 | 698,823.8988 |
| 19+836.922 | 10.079 m RT | 254,814.6736 | 698,836.8947 |
| 19+837.004 | 13.127 m RT | 254,814.7051 | 698,839.1436 |
| 19+837.389 | 27.432 m RT | 254,814.8529 | 698,853.4528 |
| 19+838.642 | 74.089 m RT | 254,816.3332 | 698,900.0950 |
| 19+844.847 | 10.080 m RT | 254,822.5973 | 698,836.2272 |
| 19+844.929 | 13.128 m RT | 254,822.6288 | 698,839.2762 |
| 19+862.207 | 168.260 m LT | 254,842.9104 | 698,658.1997 |
| 19+874.694 | 2.107 m LT | 254,852.6429 | 698,824.5362 |
| 19+875.022 | 10.085 m RT | 254,852.7685 | 698,836.7321 |
| 19+876.742 | 74.065 m RT | 254,853.4280 | 698,900.7325 |

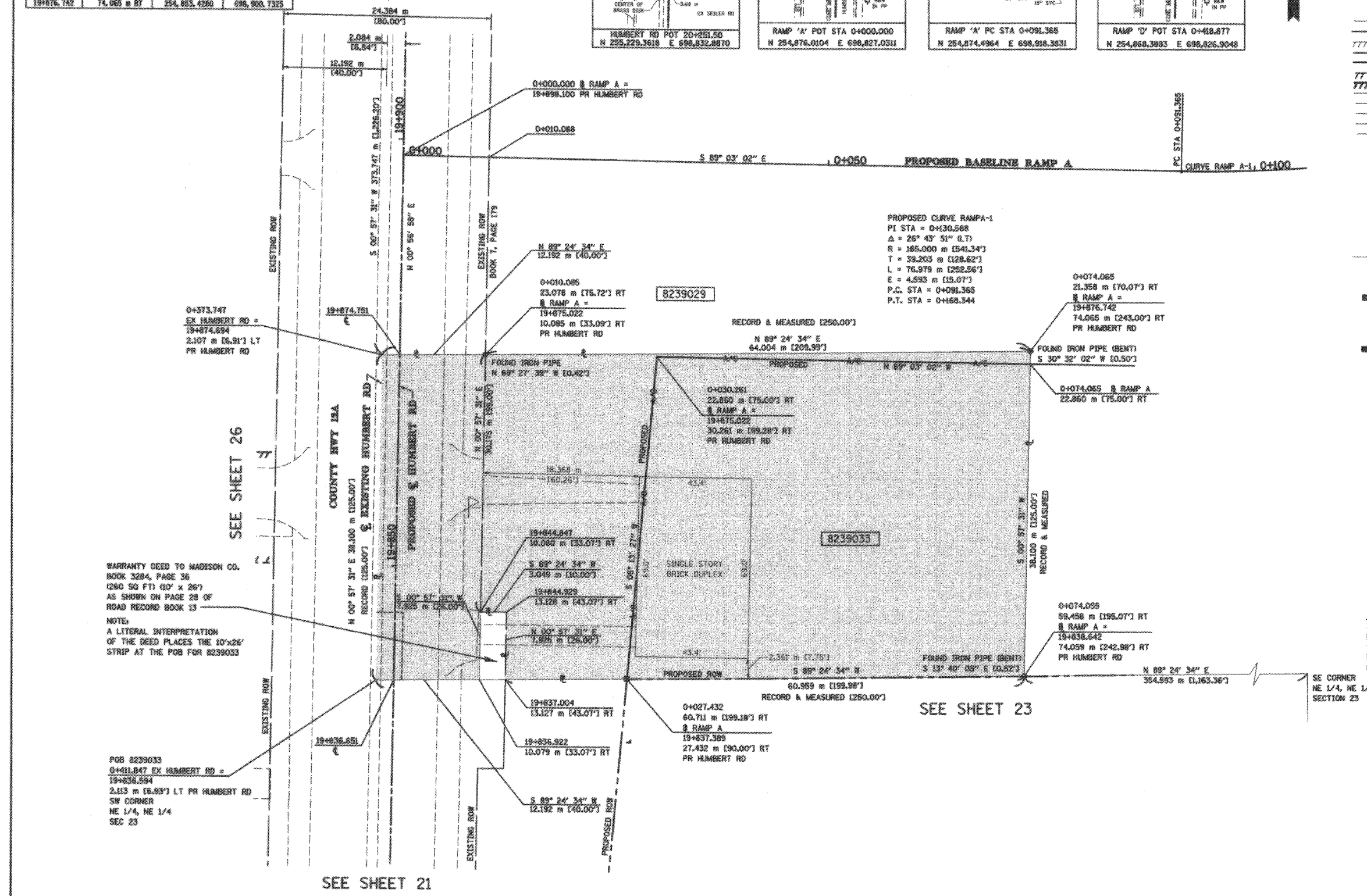
FOUND BRASS PLUG
NE CORNER W 1/2
NE 1/4 SEC 23
PI STA 33+44.06
CNTY HWY 12A SECTION 109 MFT
R/W VOL 7, PAGE 179

SEE SHEET 23



LEGEND

- EXISTING CENTERLINE
- EXISTING RIGHT OF WAY LINE
- EXISTING EASEMENT LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED TEMPORARY EASEMENT LINE
- PROPOSED PERMANENT EASEMENT LINE
- SECTION LINE
- QUARTER SECTION CORNER
- QUARTER SECTION LINE
- QUARTER SECTION LINE
- PROPERTY (DEED) LINE
- APL
- MEASURED DIMENSION
- COMPUTED DIMENSION
- ENGLISH EQUIVALENT TO METRIC DIM.
- RECORDED DIMENSION
- FOUND IRON PIPE OR IRON ROD
- SET 5/8 INCH IRON ROD
- PERMANENT SURVEY MONUMENT, I.O.D.T. STD. 2135
- (TO BE SET BY OTHERS)
- CUT CROSS FOUND OR SET
- SAME OWNERSHIP



WARRANTY DEED TO MADISON CO.
BOOK 3284, PAGE 36
(260 SQ FT) (10' x 26')
AS SHOWN ON PAGE 28 OF
ROAD RECORD BOOK 13

NOTE:
A LITERAL INTERPRETATION
OF THE DEED PLACES THE 10'x26'
STRIP AT THE POB FOR 8239033

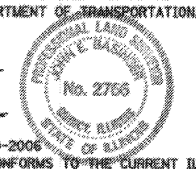
POB 8239033
0+411.847 EX HUMBERT RD =
19+836.594
2.113 m [6.93'] LT PR HUMBERT RD
SW CORNER
NE 1/4, NE 1/4
SEC 23

- STAKING OF PROPOSED RIGHT OF WAY. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

STATE OF ILLINOIS)
) SS
COUNTY OF ADAMS)

THIS IS TO CERTIFY THAT I, JOHN E. BASINGER AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE DIRECTED THE SURVEY AND DRAFTING OF THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 23, TOWNSHIP 6 NORTH, RANGE 10 WEST, OF THE THIRD PRINCIPAL MERIDIAN, MADISON COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED 11-30-2005
John E. Basinger
JOHN E. BASINGER, PLS #2766
LICENSE EXPIRATION DATE 11-30-2006
"THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY."
FIELD WORK COMPLETED: APRIL 2004



Engineers / Architects
616 North 24th Street (217) 223-3670
Quincy, Illinois 62301 FAX 223-3603
Internet Address: www.klingner.com
STATE OF ILLINOIS DESIGN FIRM # 1842736

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAP ROUTE 310 (IL 255)
SECTION 60-15
MADISON COUNTY
JOB NO. R-98-039-92
HUMBERT ROAD
STATION 19+837.389 TO STATION 19+876.742

0 m 5 m 10 m 15 m
SCALE 1:250 SHEET 27 OF 55

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/DISTRICT 8
1102 EASTPORT PLAZA DRIVE
COLLINGSVILLE, ILLINOIS 62234-6198

| PARCEL NO. | OWNER | TOTAL HOLDING ACRES | FEE SIMPLE ACQUISITION | | | | REMAINDER ACRES | EASEMENTS | | PERMANENT TAX NUMBER | PROPERTY ACQUIRED BY |
|------------|---|---------------------|------------------------|----------------------|-----------|---------|-----------------|----------------|----------------|----------------------|-----------------------|
| | | | GROSS ACRES | PREVIOUSLY DEDICATED | NET ACRES | SO. FT. | | PE = PERMANENT | TE = TEMPORARY | | |
| 8239033 | LEROY W. BRAKEMEYER AND MARIE M. BRAKEMEYER, HIS WIFE, AS JOINT TENANTS TITLE REPORT NO. MA-2639 | 0.7112 | 0.7112 | 30,979 | 0.1148 | 5,000 | 0.5964 | 25,979 | 0.0000 | | 24-1-01-23-00-000-015 |

11/28/2005 11:28:22AM 3/11/17 PM 3/11/17 PM
g:\885\11m\08824\adms\08239033.dgn
HEP
HEP
HEP

PLAT DATE: 11/30/2005 3:17:17 PM

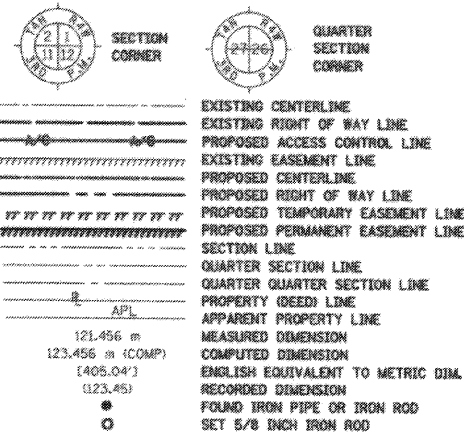
COORDINATES SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

PART OF THE NE 1/4 OF SECTION 23, T6N, R10W, OF THE 3RD PM, MADISON COUNTY, ILLINOIS

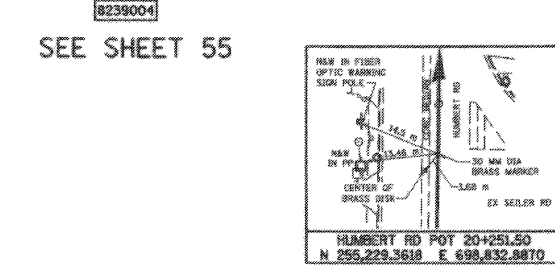
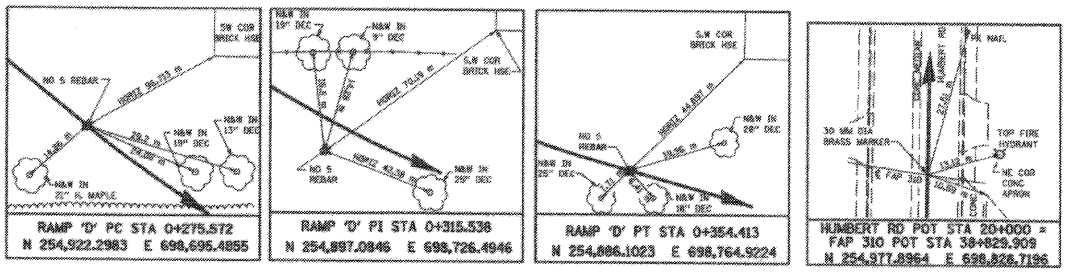
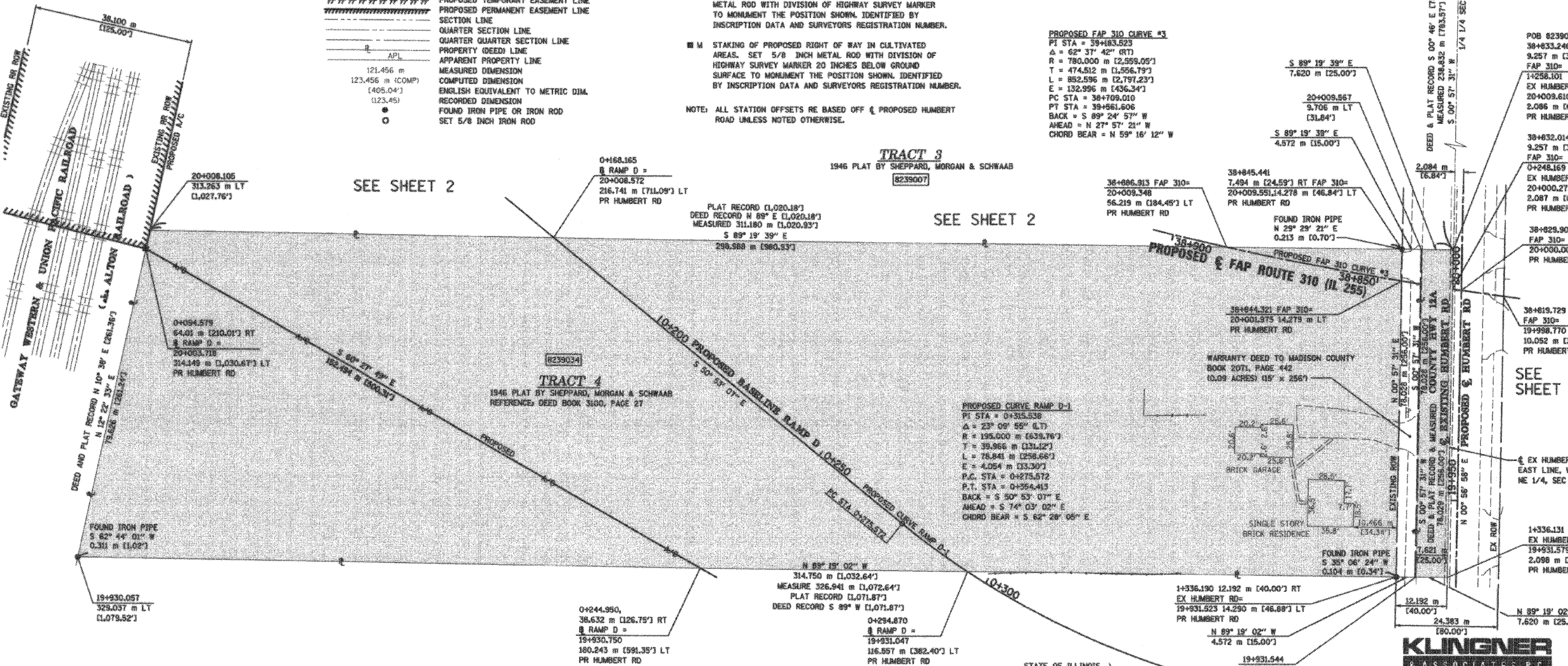
BEARINGS SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

| STATION | OFFSET | NORTH | EAST |
|------------|--------------|--------------|--------------|
| 19+930.057 | 329.037 m LT | 254,913.4156 | 698,498.5686 |
| 19+931.523 | 14.290 m LT | 254,909.6682 | 698,813.2966 |
| 19+931.544 | 5.718 m LT | 254,909.6108 | 698,817.6686 |
| 19+931.579 | 2.098 m LT | 254,909.5199 | 698,825.4879 |
| 20+000.105 | 314.149 m LT | 254,986.8199 | 698,514.6752 |
| 20+000.105 | 313.263 m LT | 254,991.1914 | 698,515.6344 |
| 20+000.551 | 14.278 m LT | 254,987.6826 | 698,814.6020 |
| 20+000.567 | 9.706 m LT | 254,987.6233 | 698,819.1737 |
| 20+000.610 | 2.086 m LT | 254,987.5396 | 698,826.7934 |

LEGEND



- PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS) CUT CROSS FOUND OR SET
- FOUND CONCRETE WITNESS MONUMENT 2' SOUTH, 2' EAST NW CORNER W 1/2 NE 1/4 SEC 23
- FOUND BRASS PLUG NE CORNER W 1/2 NE 1/4 SEC 23 PI STA 33+44.06 CNTY HWY 12A SECTION 10J R/W VOL. 7, PAGE 179
- STAKING OF PROPOSED RIGHT OF WAY. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.



| PARCEL NO. | OWNER | TOTAL HOLDING ACRES | FEE SIMPLE ACQUISITION | | | REMAINDER ACRES | EASEMENTS | | PERMANENT TAX NUMBER | PROPERTY ACQUIRED BY |
|------------|---|---------------------|------------------------|----------------------------|-----------|-----------------|-------------------------------|-----------------------|----------------------|----------------------|
| | | | GROSS ACRES | PREVIOUSLY DEDICATED ACRES | NET ACRES | | PE = PERMANENT TE = TEMPORARY | EASEMENT PURPOSE | | |
| 8239034 | LERDY W. BRAKEMEYER AND MARIE A. BRAKEMEYER AS JOINT TENANTS TITLE REPORT NO. MA-2638 | 6.0615 | 6.0615 | 0.1469 | 5.9146 | 0.0000 | | 24-1-01-23-00-000-012 | | |

STATE OF ILLINOIS)
COUNTY OF ADAMS)

THIS IS TO CERTIFY THAT I, JOHN E. BASINGER AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE DIRECTED THE SURVEY AND DRAFTING OF THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 23, TOWNSHIP 6 NORTH, RANGE 10 WEST, OF THE THIRD PRINCIPAL MERIDIAN, MADISON COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED 11-30-2005
 John E. Basinger
 JOHN E. BASINGER, PLS #2766
 LICENSE EXPIRATION DATE: 11-30-2006
 "THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY."
 FIELD WORK COMPLETED: APRIL 2004

KLINGNER ASSOCIATES, P.C.

Engineers / Architects
 616 North 24th Street (217) 223-3670
 Quincy, Illinois 62301 FAX: 223-3603
 Internet Address: www.klingner.com
 STATE OF ILLINOIS DESIGN FIRM # 184278

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
 FAP ROUTE 310 (IL 255)
 SECTION 60-15
 MADISON COUNTY
 JOB NO. R-98-039-92

STATION 38+832.014 TO STATION 38+866.913
 SCALE 1:500 SHEET 28 OF 5

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS/DISTRICT 8
 1102 EASTPORT PLAZA DRIVE
 COLLINGSVILLE, ILLINOIS 62234-6198

11/30/2005 3:00:44 PM
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 *REF-
 *REF-
 *REF-

PART OF THE NE 1/4 OF SECTION 23, T6N, R10W, OF THE 3RD PM, MADISON COUNTY, ILLINOIS

CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

FOUND BRASS PLUS NW CORNER NE 1/4 NE 1/4 SEC 23 PI STA 33+44.06 CRTX HWY 12A SECTION 109 MFT R/W VOL 7, PAGE 179

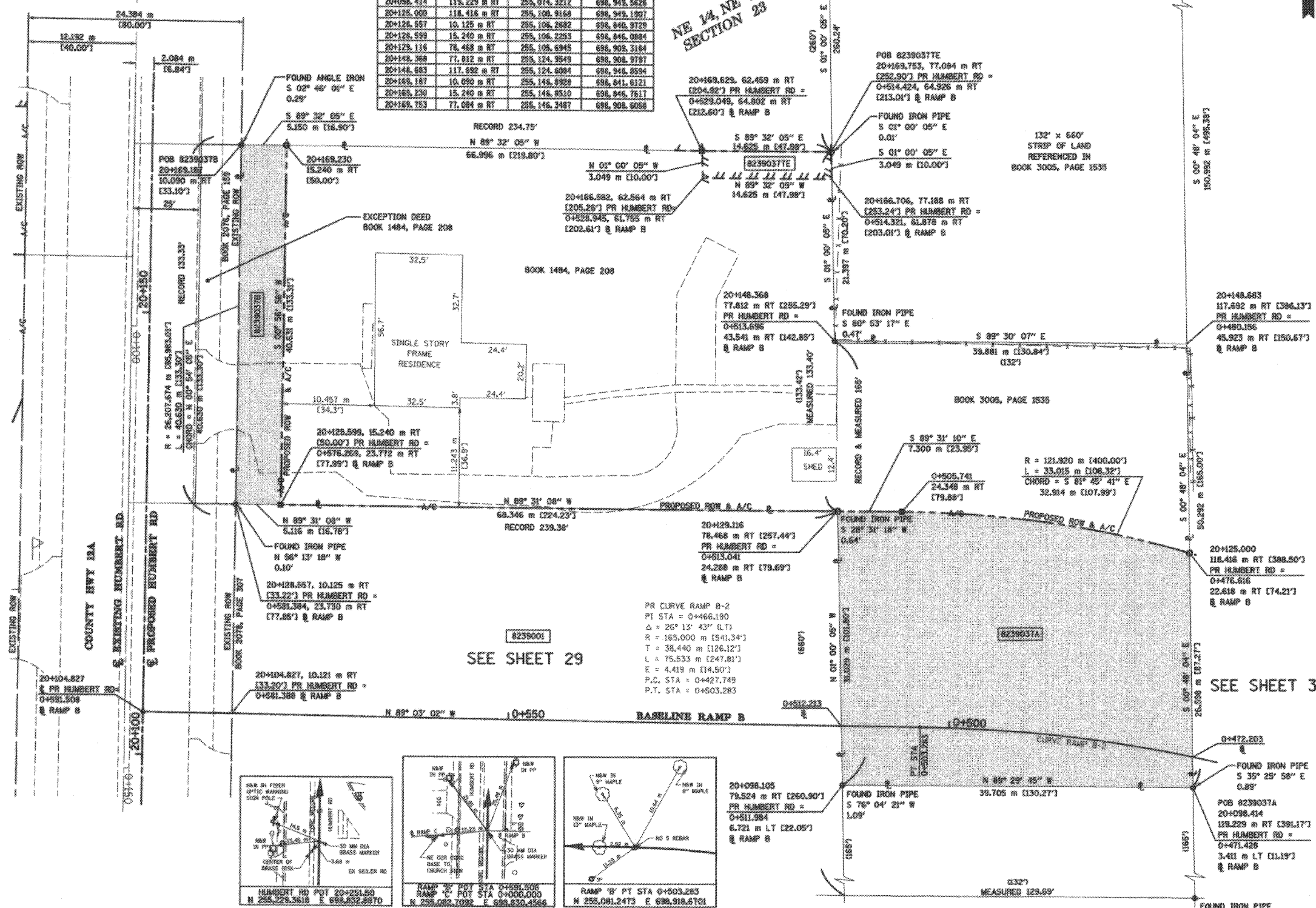
SEE SHEET 31

COORDINATES SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

COORDINATE TABLE

| STATION | OFFSET | NORTH | EAST |
|------------|--------------|--------------|--------------|
| 20+098.105 | 79.524 m RT | 255,074.6705 | 698,909.8587 |
| 20+098.414 | 119.229 m RT | 255,074.3212 | 698,949.5626 |
| 20+125.000 | 118.416 m RT | 255,100.9169 | 698,949.1907 |
| 20+128.557 | 10.125 m RT | 255,106.2692 | 698,840.9729 |
| 20+129.599 | 15.240 m RT | 255,106.2253 | 698,846.0884 |
| 20+129.116 | 78.468 m RT | 255,105.6945 | 698,909.3164 |
| 20+148.368 | 77.812 m RT | 255,124.9549 | 698,909.9797 |
| 20+148.683 | 117.692 m RT | 255,124.6084 | 698,949.8594 |
| 20+169.187 | 10.090 m RT | 255,146.8928 | 698,841.6121 |
| 20+169.230 | 15.240 m RT | 255,146.8510 | 698,846.7617 |
| 20+169.753 | 77.094 m RT | 255,146.3487 | 698,909.9058 |

NE 1/4, NE 1/4 SECTION 23



LEGEND

- EXISTING CENTERLINE
- EXISTING RIGHT OF WAY LINE
- EXISTING EASEMENT LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY AND PROPOSED ACCESS CONTROL LINE
- PROPOSED TEMPORARY EASEMENT LINE
- PROPOSED PERMANENT EASEMENT LINE
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PROPERTY (DEED) LINE
- APPL APPARENT PROPERTY LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- ENGLISH EQUIVALENT TO METRIC DIM.
- RECORDED DIMENSION
- FOUND IRON PIPE OR IRON ROD
- SET 5/8 INCH IRON ROD
- PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 2135
- (TO BE SET BY OTHERS)
- CUT CROSS FOUND OR SET
- SAME OWNERSHIP

STAKING OF PROPOSED RIGHT OF WAY. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

STATE OF ILLINOIS)
COUNTY OF ADAMS) SS

THIS IS TO CERTIFY THAT I, JOHN E. BASINGER AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE DIRECTED THE SURVEY AND DRAFTING OF THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 23, TOWNSHIP 6 NORTH, RANGE 10 WEST, OF THE THIRD PRINCIPAL MERIDIAN, MADISON COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED 11-30-2005
JOHN E. BASINGER, PLS #2766
LICENSE EXPIRATION DATE: 11-30-2008
"THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY."
FIELD WORK COMPLETED: APRIL 2004



KLINGNER & ASSOCIATES, P.C.

Engineers / Architects
616 North 34th Street (217) 223-3670
Quincy, Illinois 62301 FAX: 223-3603
Internet Address: www.klingner.com
STATE OF ILLINOIS DESIGN FIRM # 1842739

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAP ROUTE 310 (IL 255)
SECTION 60-15
MADISON COUNTY
JOB NO. R-98-039-92
HUMBERT ROAD
STATION 20+128.599 TO STATION 20+169.230
0 m 5 m 10 m 15 m
SCALE 1:250 SHEET 30 OF 55
ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/DISTRICT 8
1102 EASTPORT PLAZA DRIVE
COLLINGSVILLE, ILLINOIS 62234-6186

| PARCEL NO. | OWNER | TOTAL HOLDING ACRES | FEE SIMPLE ACQUISITION | | | | REMAINDER ACRES | EASEMENTS | | PERMANENT TAX NUMBER | PROPERTY ACQUIRED BY | | | |
|------------|---|---------------------|------------------------|---------|----------------------------|-----------|-----------------|-----------------|-------------------|----------------------|----------------------|------------------|-----------------------|--|
| | | | ACRES | SQ. FT. | PREVIOUSLY DEDICATED ACRES | NET ACRES | | PERMANENT ACRES | TEMPORARY SQ. FT. | | | EASEMENT PURPOSE | | |
| 8239037 | JAMES T. BARBOUR AND LILY P. BARBOUR AS TO A LIFE ESTATE, WITH THE REMAINDER TO JANICE J. VANMETER, A MARRIED PERSON TITLE REPORT NO. MA-2635.0 | 1.1739 | A 0.2930 | 12,764 | N/A | N/A | 0.2930 | 12,764 | 0.8294 | TE 0.0110 | 480 | SERVICE DRIVE | 24-1-01-23-02-201-003 | |
| | | | B 0.0515 | 2,242 | N/A | N/A | 0.0515 | 2,242 | | | | | | |

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D:\Projects\8239037\8239037.dwg
PLTBY: JACB
PLOT DATE: 11/30/2005 3:11:32 PM

PART OF THE NE 1/4 OF SECTION 23, 16N, RIOW, OF THE 3RD PM, MADISON COUNTY, ILLINOIS

CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

COORDINATE TABLE (PR HUMBERT RD)

| STATION | OFFSET | NORTH | EAST |
|------------|-------------|--------------|--------------|
| 20+189.084 | 2.060 m LT | 255,146.9915 | 698,829.4614 |
| 20+189.187 | 10.090 m RT | 255,146.9928 | 698,841.6121 |
| 20+189.230 | 15.240 m RT | 255,146.9510 | 698,846.7617 |
| 20+205.763 | 2.054 m LT | 255,183.6712 | 698,830.0751 |
| 20+205.862 | 10.006 m RT | 255,183.5638 | 698,842.1350 |
| 20+205.902 | 15.240 m RT | 255,183.5171 | 698,847.3694 |
| 20+229.482 | 5.924 m RT | 255,207.1828 | 698,842.4446 |
| 20+241.674 | 5.673 m RT | 255,219.3738 | 698,842.5961 |
| 20+241.768 | 22.065 m RT | 255,219.2652 | 698,854.7876 |
| 20+248.441 | 2.048 m LT | 255,226.3373 | 698,830.7890 |
| 20+248.532 | 8.842 m RT | 255,226.2314 | 698,842.6788 |
| 20+260.958 | 67.041 m RT | 255,238.3160 | 698,899.9970 |

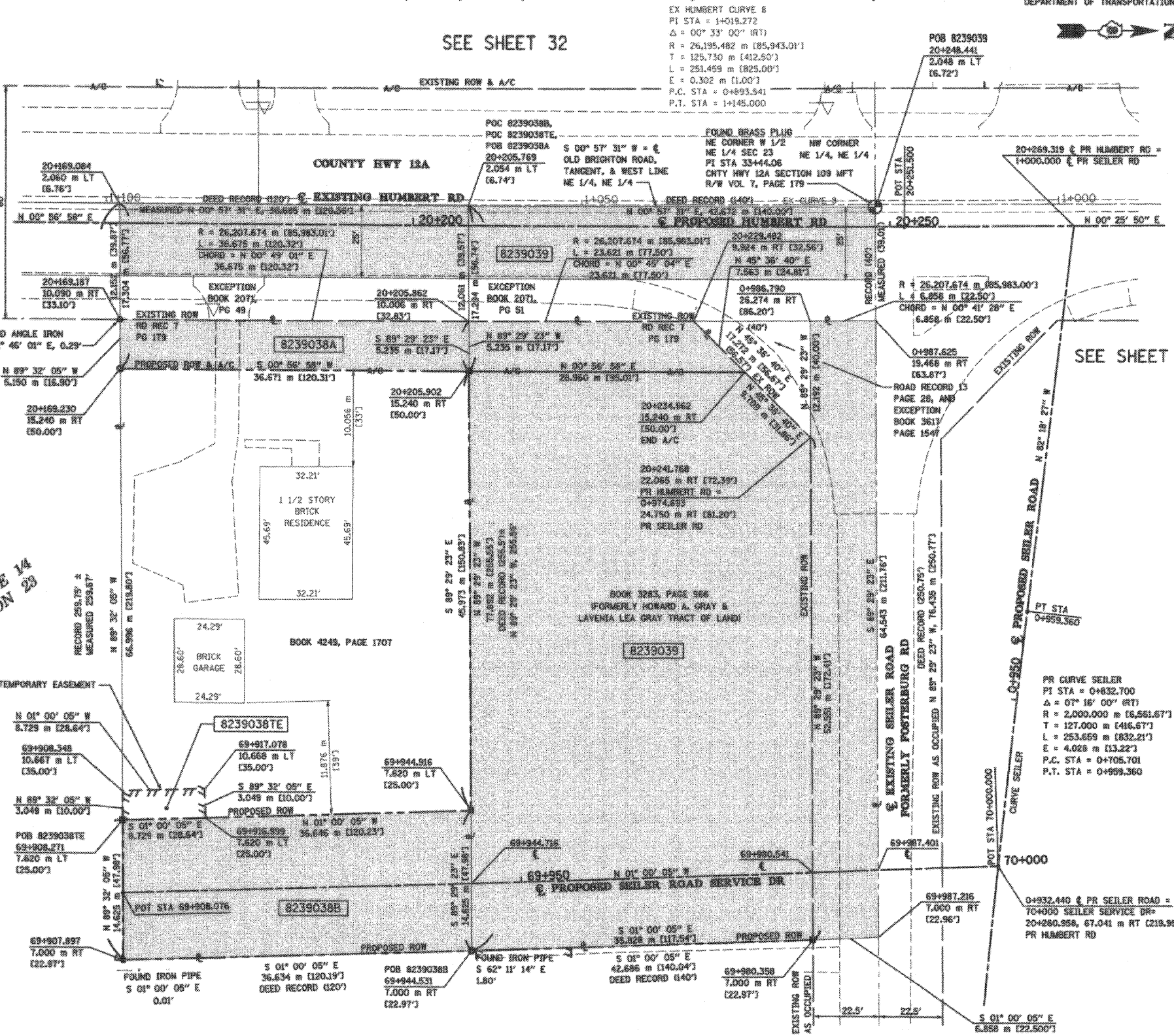
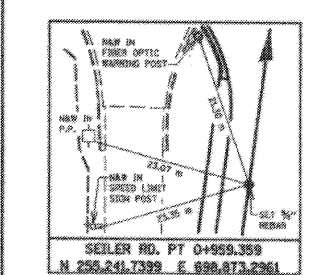
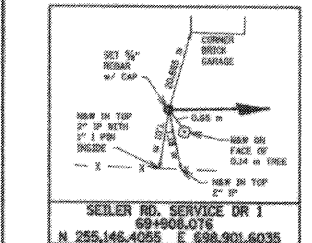
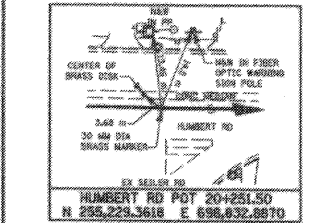
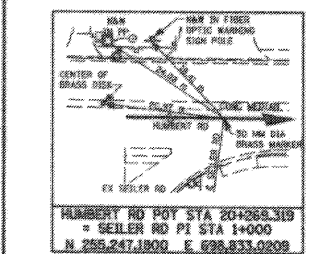
COORDINATE TABLE (PR SEILER RD SERVICE DR)

| STATION | OFFSET | NORTH | EAST |
|------------|-------------|--------------|--------------|
| 69+907.897 | 1.000 m RT | 255,146.3487 | 698,808.0058 |
| 69+908.271 | 1.620 m LT | 255,146.4675 | 698,893.9813 |
| 69+944.531 | 7.000 m RT | 255,182.9774 | 698,907.9655 |
| 69+944.916 | 7.620 m LT | 255,183.1076 | 698,893.3408 |
| 69+980.358 | 7.000 m RT | 255,218.7995 | 698,907.3393 |
| 69+981.742 | 45.535 m LT | 255,219.2652 | 698,854.7876 |
| 69+987.216 | 7.000 m RT | 255,225.9565 | 698,907.2195 |
| 70+000.000 | 0.000 m RT | 255,238.3160 | 698,899.9970 |

SEE SHEET 32

SEE SHEET 30

SEE SHEET 35



LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- EXISTING CENTERLINE
- EXISTING RIGHT OF WAY LINE
- EXISTING ROW AND PROPOSED ACCESS CONTROL LINE
- EXISTING EASEMENT LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY AND PROPOSED ACCESS CONTROL LINE
- PROPOSED TEMPORARY EASEMENT LINE
- PROPOSED PERMANENT EASEMENT LINE
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- PROPERTY (DEED) LINE
- APPEARANT PROPERTY LINE
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- COMPUTED DIMENSION
- ENGLISH EQUIVALENT TO METRIC DIM.
- RECORDED DIMENSION
- FOUND IRON PIPE OR IRON ROD SET 5/8 INCH IRON ROD
- PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- CUT CROSS FOUND OR SET
- SAME OWNERSHIP

- STAKING OF PROPOSED RIGHT OF WAY, SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

STATE OF ILLINOIS)
COUNTY OF ADAMS)

THIS IS TO CERTIFY THAT I, JOHN E. BASINGER AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE DIRECTED THE SURVEY AND DRAFTING OF THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 23, TOWNSHIP 6 NORTH, RANGE 10 WEST, OF THE THIRD PRINCIPAL MERIDIAN, MADISON COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED 11-30-2005
John E. Basinger
JOHN E. BASINGER, PLS #2766
LICENSE EXPIRATION DATE 11-30-2006
"THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY."
FIELD WORK COMPLETED: APRIL 2004

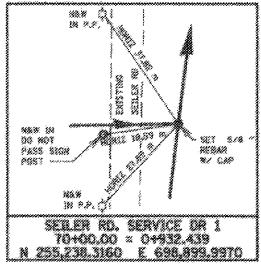


KLINGNER & ASSOCIATES, P.C.
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Quincy, Illinois 62301 FAX: 223-3603
Internet Address: www.klingner.com
STATE OF ILLINOIS DESIGN FIRM # 1842758

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAP ROUTE 310 (IL 255)
SECTION 60-15
MADISON COUNTY
JOB NO. R-98-039-92
HUMBERT ROAD
STATION 20+169.230 TO STATION 20+248.441
SCALE 1:250
SHEET 31 OF 55
ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/DISTRICT 8
1102 EASTWYCK PLAZA DRIVE
COLLINGSVILLE, ILLINOIS 62234-6186

| PARCEL NO. | OWNER | TOTAL HOLDING ACRES | FEE SIMPLE ACQUISITION | | | | | | EASEMENTS | | PERMANENT TAX NUMBER | PROPERTY ACQUIRED BY |
|------------|--|---------------------|------------------------|-----------------|----------------------|---------|------------------|----------|-----------------------|------------------|----------------------|----------------------|
| | | | GROSS | | PREVIOUSLY DEDICATED | | NET | | REMAINDER | EASEMENT PURPOSE | | |
| | | | ACRES | SQ. FT. | ACRES | SQ. FT. | ACRES | SQ. FT. | | | | |
| 8239038 | JAY B. RITTER AND PATRICIA R. RITTER, HUSBAND AND WIFE, AS JOINT TENANTS TITLE REPORT NO. MA-2634 | 0.6705 | A 0.1181 5,057 | 0.0691 3,009 | 0.0470 2,048 | 0.4220 | TE 0.0066 286 | ENTRANCE | 24-1-01-23-02-201-002 | | | |
| 8239039 | ROBERT D. NASH AND KAREN J. NASH, HUSBAND AND WIFE, AS JOINT TENANTS TITLE REPORT NO. MA-2628 | 0.7493 | 0.7493 32,638 | 0.1898 8,271 | 0.5595 24,367 | 0 | N/A N/A | N/A | 24-1-01-23-02-201-001 | | | |

SEE SHEET 36



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COORDINATES SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

PART OF THE NE 1/4 OF SECTION 23, T6N, R10W, OF THE 3RD PM, MADISON COUNTY, ILLINOIS

BEARINGS SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

| STATION | OFFSET | NORTH | EAST |
|------------|-------------|--------------|--------------|
| 20+156.240 | 14.276 m LT | 255,134.3516 | 698,817.0347 |
| 20+156.294 | 9.682 m LT | 255,134.2996 | 698,821.9280 |
| 20+156.304 | 2.062 m LT | 255,134.2132 | 698,829.2476 |
| 20+183.627 | 22.860 m LT | 255,161.6772 | 698,808.9051 |
| 20+183.672 | 14.321 m LT | 255,161.7804 | 698,817.4441 |
| 20+183.689 | 9.678 m LT | 255,161.7200 | 698,822.0870 |
| 20+183.736 | 2.058 m LT | 255,161.6415 | 698,829.7665 |
| 20+235.000 | 32.004 m LT | 255,213.3994 | 698,830.6140 |
| 20+248.275 | 32.004 m LT | 255,226.6677 | 698,830.6340 |
| 20+248.372 | 14.541 m LT | 255,226.4751 | 698,818.2980 |
| 20+248.383 | 9.668 m LT | 255,226.4050 | 698,823.1690 |
| 20+248.441 | 2.048 m LT | 255,226.3373 | 698,830.7890 |

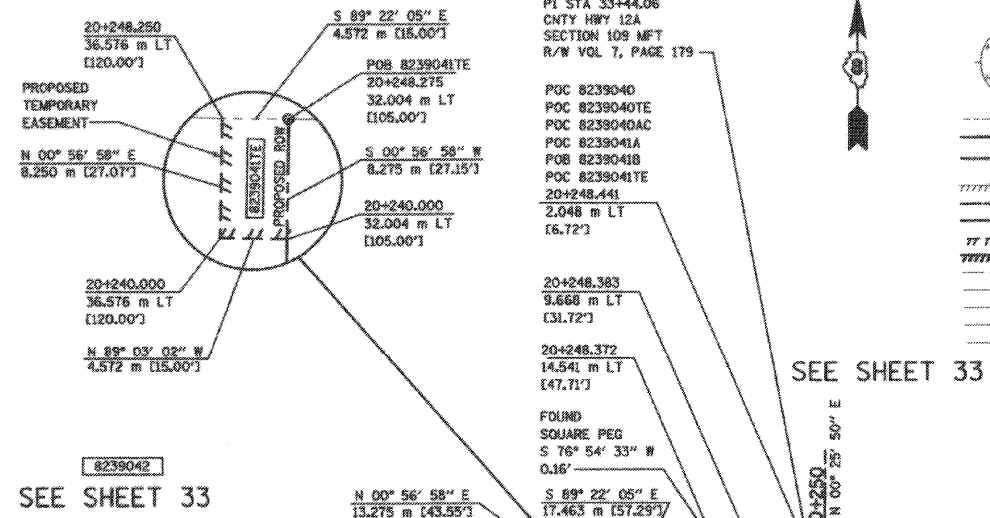
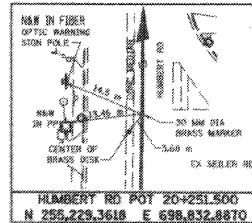
| STATION | OFFSET | NORTH | EAST |
|------------|-------------|-------------|-------------|
| 39+112.020 | 79.066 m RT | 255136.7971 | 698601.2443 |
| 39+162.529 | 52.104 m RT | 255137.4036 | 698547.7167 |
| 39+177.209 | 87.130 m RT | 255114.0224 | 698555.7517 |

STATE OF ILLINOIS)
) SS
 COUNTY OF ADAMS)

THIS IS TO CERTIFY THAT I, JOHN E. BASINGER AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE DIRECTED THE SURVEY AND DRAFTING OF THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 23, TOWNSHIP 6 NORTH, RANGE 10 WEST, OF THE THIRD PRINCIPAL MERIDIAN, MADISON COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

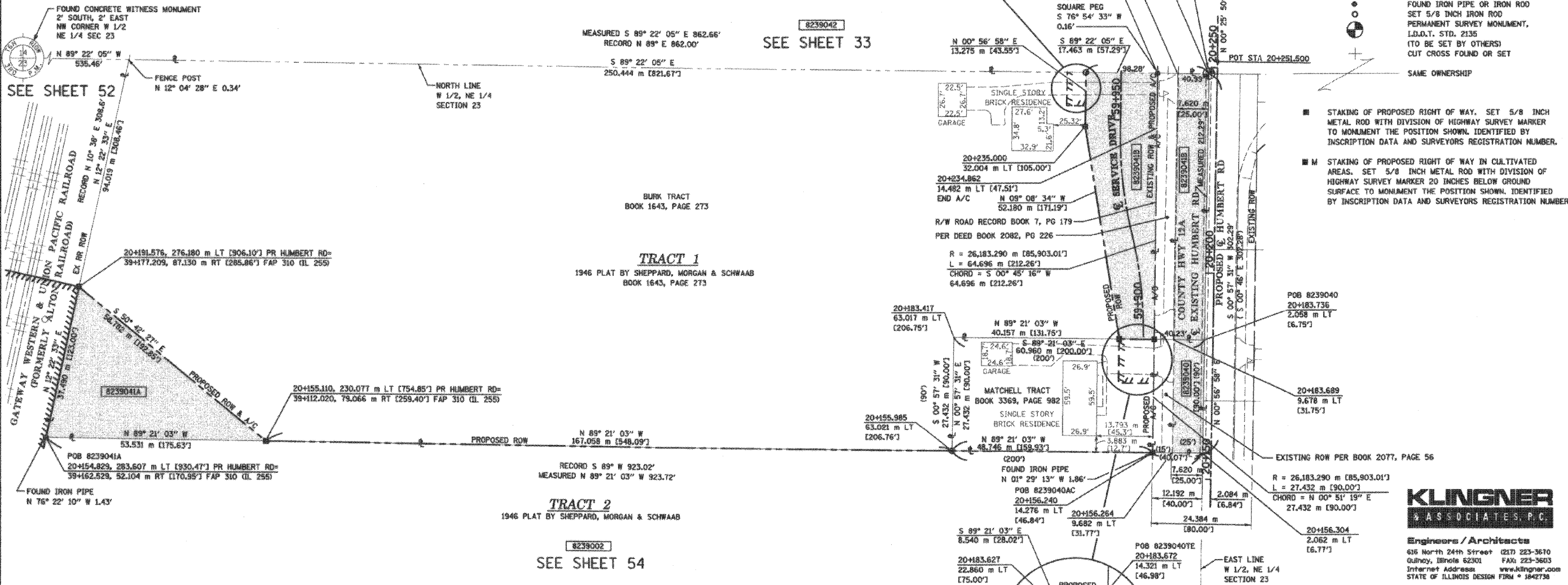
DATED 11-30-2005

JOHN E. BASINGER, PLS #2765
 LICENSE EXPIRATION DATE: 11-30-2006
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
 FIELD WORK COMPLETED: APRIL 2004



LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- EXISTING CENTERLINE
- EXISTING RIGHT OF WAY LINE
- EXISTING ROW AND PROPOSED ACCESS CONTROL LINE
- EXISTING EASEMENT LINE
- PROPOSED CENTERLINE
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- QUARTER QUARTER SECTION LINE
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- ENGLISH EQUIVALENT TO METRIC DIM.
- RECORDED DIMENSION
- FOUND IRON PIPE OR IRON ROD SET 5/8 INCH IRON ROD PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS) CUT CROSS FOUND OR SET
- SAME OWNERSHIP



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 STATE OF ILLINOIS DESIGN FIRM # 1642738

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
 FAP ROUTE 310 (IL 255)
 SECTION 60-15
 MADISON COUNTY
 JOB NO. R-98-039-92
 HUMBERT ROAD
 STATION 20+156.264 TO STATION 20+248.275
 SCALE 1:500 SHEET 32 OF 55
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS/DISTRICT 8
 1102 EASTPORT PLAZA DRIVE
 COLLINGSVILLE, ILLINOIS 62234-6198

| PARCEL NO. | OWNER | TOTAL HOLDING ACRES | FEE SIMPLE ACQUISITION | | | | REMAINDER ACRES | EASEMENTS | | PERMANENT TAX NUMBER | PROPERTY ACQUIRED BY | | | |
|------------|--|---------------------|------------------------|---------|----------------------------|---------|-----------------|-----------|---------|----------------------|----------------------|------------------------------------|---------------------------|------------------|
| | | | GROSS ACRES | SQ. FT. | PREVIOUSLY DEDICATED ACRES | SQ. FT. | | NET ACRES | SQ. FT. | | | PE = PERMANENT ACRES | TE = TEMPORARY ACRES | EASEMENT PURPOSE |
| 8239040 | MADelyn J. MATCHELL, JANET BRITTAIn and GERALD B. MATCHELL as Joint Tenants TITLE REPORT NO. MA-3040 | 0.3820 | 0.0517 | 2,250 | 0.0517 | 2,250 | 0.0000 | 0.0000 | 0.3303 | TE 0.0225 | 982 | SERVICE DRIVE & SERVICE DR REMOVAL | 24-1-01-23-00-000-009-009 | |
| 8239041 | CHARLES A. BURK JR. and JOYCE E. BURK, HUSBAND AND WIFE, AS JOINT TENANTS TITLE REPORT NO. MA-2623 | 5.7063 | A 0.2428 | 10,575 | N/A | N/A | 0.2428 | 10,575 | 5.1186 | TE 0.0093 | 407 | ENTRANCE | 24-1-01-23-00-000-008 | |

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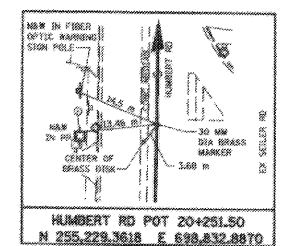
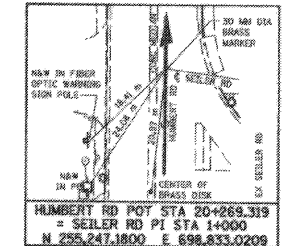
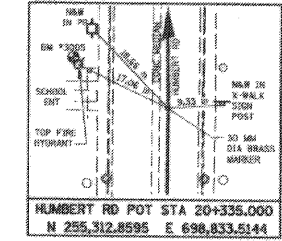
COORDINATES SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

PART OF THE SE 1/4 OF SECTION 14, T6N, R10W, OF THE 3RD PM, MADISON COUNTY, ILLINOIS

BEARINGS SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

| COORDINATE TABLE (PR HUMBERT RD) | | | |
|----------------------------------|-------------|--------------|--------------|
| STATION | OFFSET | NORTH | EAST |
| 20+255.284 | 22.037 m RT | 255,232.9804 | 698,854.9514 |
| 20+267.493 | 8.892 m RT | 255,245.2802 | 698,842.8992 |
| 20+283.536 | 20.565 m RT | 255,261.3640 | 698,853.6931 |
| 20+289.645 | 15.240 m RT | 255,267.3809 | 698,848.4132 |
| 20+335.000 | 15.241 m LT | 255,312.8704 | 698,848.7549 |
| 20+374.024 | 10.713 m RT | 255,351.9774 | 698,843.8774 |
| 20+409.466 | 15.240 m RT | 255,387.4576 | 698,848.0875 |
| 20+409.528 | 11.284 m RT | 255,387.4858 | 698,844.1306 |

| COORDINATE TABLE (PR SEILER RD) | | | |
|---------------------------------|-------------|--------------|--------------|
| STATION | OFFSET | NORTH | EAST |
| 0+700.000 | 16.764 m RT | 255,240.5175 | 699,131.9742 |
| 0+700.000 | 6.760 m RT | 255,230.5133 | 699,131.8999 |
| 0+705.100 | 16.764 m RT | 255,240.5599 | 699,126.2738 |
| 0+959.360 | 16.764 m RT | 255,258.3530 | 698,875.5401 |
| 0+981.405 | 16.764 m RT | 255,261.3040 | 698,853.6931 |



EX HUMBERT RD CURVE
 PI STA = 14019.272
 $\Delta = 00^\circ 33' 00''$ (RT)
 $R = 26,195.482$ m [85,943.01']
 $T = 125.730$ m [412.50']
 $L = 251.459$ m [825.00']
 $E = 0.302$ m [1.00']
 P.C. STA = 0+893.541
 P.T. STA = 1+145.000

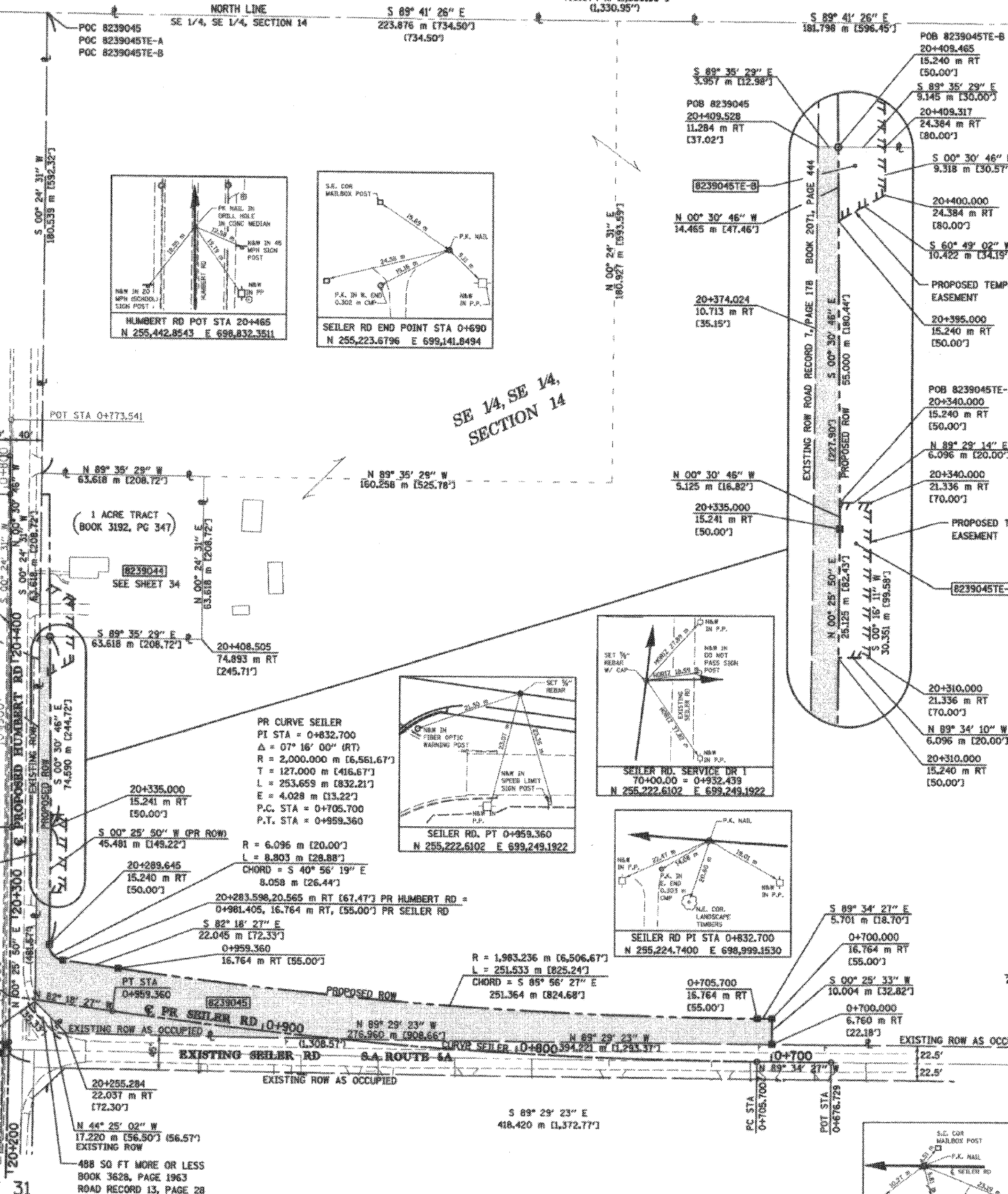
$R = 26,207.674$ m [85,983.01']
 $L = 106.702$ m [350.07']
 CHORD = $N 00^\circ 31' 31'' E$
 106.702 m [350.07']

SEE SHEET 33

1+000.000 & PR SEILER RD = 20+269.319 & PR HUMBERT RD

FOUND BRASS PLUG NE CORNER W 1/2 NE 1/4 SEC 23 CNTY HWY 124 SECTION 109 MFT R/W VOL 7, PAGE 179 AND SW CORNER SE 1/4, SE 1/4 SECTION 14

488 SQ FT MORE OR LESS BOOK 3628, PAGE 1963 ROAD RECORD 13, PAGE 28



LEGEND

SECTION CORNER
 QUARTER SECTION CORNER

EXISTING CENTERLINE
 EXISTING RIGHT OF WAY LINE
 EXISTING EASEMENT LINE
 PROPOSED CENTERLINE
 PROPOSED RIGHT OF WAY LINE
 PROPOSED TEMPORARY EASEMENT LINE
 PROPOSED PERMANENT EASEMENT LINE
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 FOUND IRON PIPE OR IRON ROD SET 5/8 INCH IRON ROD PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
 CUT CROSS FOUND OR SET

APL
 121.456 m
 123.456 m (COMP)
 [405.04']
 [123.45]

STAKING OF PROPOSED RIGHT OF WAY. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

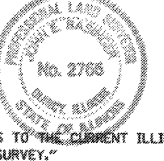
STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

STATE OF ILLINOIS)
) SS
 COUNTY OF ADAMS)

THIS IS TO CERTIFY THAT I, JOHN E. BASINGER AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE DIRECTED THE SURVEY AND DRAFTING OF THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 14, TOWNSHIP 6 NORTH, RANGE 10 WEST, OF THE THIRD PRINCIPAL MERIDIAN, MADISON COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED 11-30-2005

John E. Basinger
 JOHN E. BASINGER, PLS #2766
 LICENSE EXPIRATION DATE: 11-30-2006
 "THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY."
 FIELD WORK COMPLETED: APRIL 2004



KLINGNER ASSOCIATES, P.C.

Engineers / Architects
 616 North 24th Street #217 223-3670
 Galesburg, Illinois 62501 FAX 223-3605
 Internet Address: www.klingner.com
 STATE OF ILLINOIS DESIGN FIRM # 1842738

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
 FAP ROUTE 310 (IL 255)
 SECTION 60-15
 MADISON COUNTY
 JOB NO. R-98-039-92
 HUMBERT RD
 STATION 20+255.284 TO STATION 20+409.528

0 m 20 m 40 m 60 m
 SCALE 1:4000 SHEET 35 OF 55

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS/DISTRICT 8
 3102 EASTPORT PLAZA DRIVE
 COLLINGSVILLE, ILLINOIS 62234-6198

| PARCEL NO. | OWNER | TOTAL HOLDING ACRES | FEE SIMPLE ACQUISITION | | | | REMAINDER ACRES | EASEMENTS | | PERMANENT TAX NUMBER | PROPERTY ACQUIRED BY | |
|------------|---|---------------------|------------------------|---------|----------------------------|-----------|-----------------|-------------------------------------|------------------|--|----------------------|-----------------------|
| | | | GROSS ACRES | SQ. FT. | PREVIOUSLY DEDICATED ACRES | NET ACRES | | PE = PERMANENT TE = TEMPORARY ACRES | EASEMENT PURPOSE | | | |
| 8239045 | GEORGE E. COPE AND MARGARET V. COPE, HUSBAND AND WIFE, AS JOINT TENANTS TITLE REPORT NO. MA-2520 | 40.4002 | 1.3052 | 56,856 | N/A | N/A | 1.3052 | 56,856 | 39.0950 | TE-A 0.0454 1.977 TE-B 0.0269 1.170 | ENTRANCE ENTRANCE | 24-1-01-14-00-000-019 |

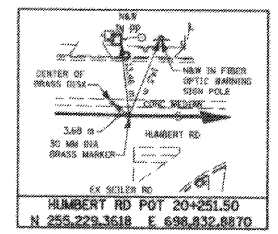
11/20/2005 11:20/2005
 3:00PM 3:00PM
 11/20/2005 11:20/2005
 3:00PM 3:00PM
 11/20/2005 11:20/2005
 3:00PM 3:00PM

COORDINATES SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

PART OF THE NE 1/4 OF SECTION 23, T6N, R10W, OF THE 3RD PM, MADISON COUNTY, ILLINOIS

BEARINGS SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

| COORDINATE TABLE (PR SEILER RD) | | | |
|---------------------------------|-------------|--------------|--------------|
| STATION | OFFSET | NORTH | EAST |
| 0+883.127 | 15.240 m LT | 255,217.8080 | 698,947.5563 |
| 0+883.195 | 14.612 m LT | 255,218.4394 | 698,947.5474 |
| 0+883.947 | 7.795 m LT | 255,225.2501 | 698,947.4515 |
| 0+890.197 | 15.240 m LT | 255,218.5044 | 698,940.4656 |
| 0+922.888 | 18.513 m LT | 255,218.7995 | 698,907.3393 |
| 0+923.795 | 11.716 m LT | 255,225.6565 | 698,907.2195 |

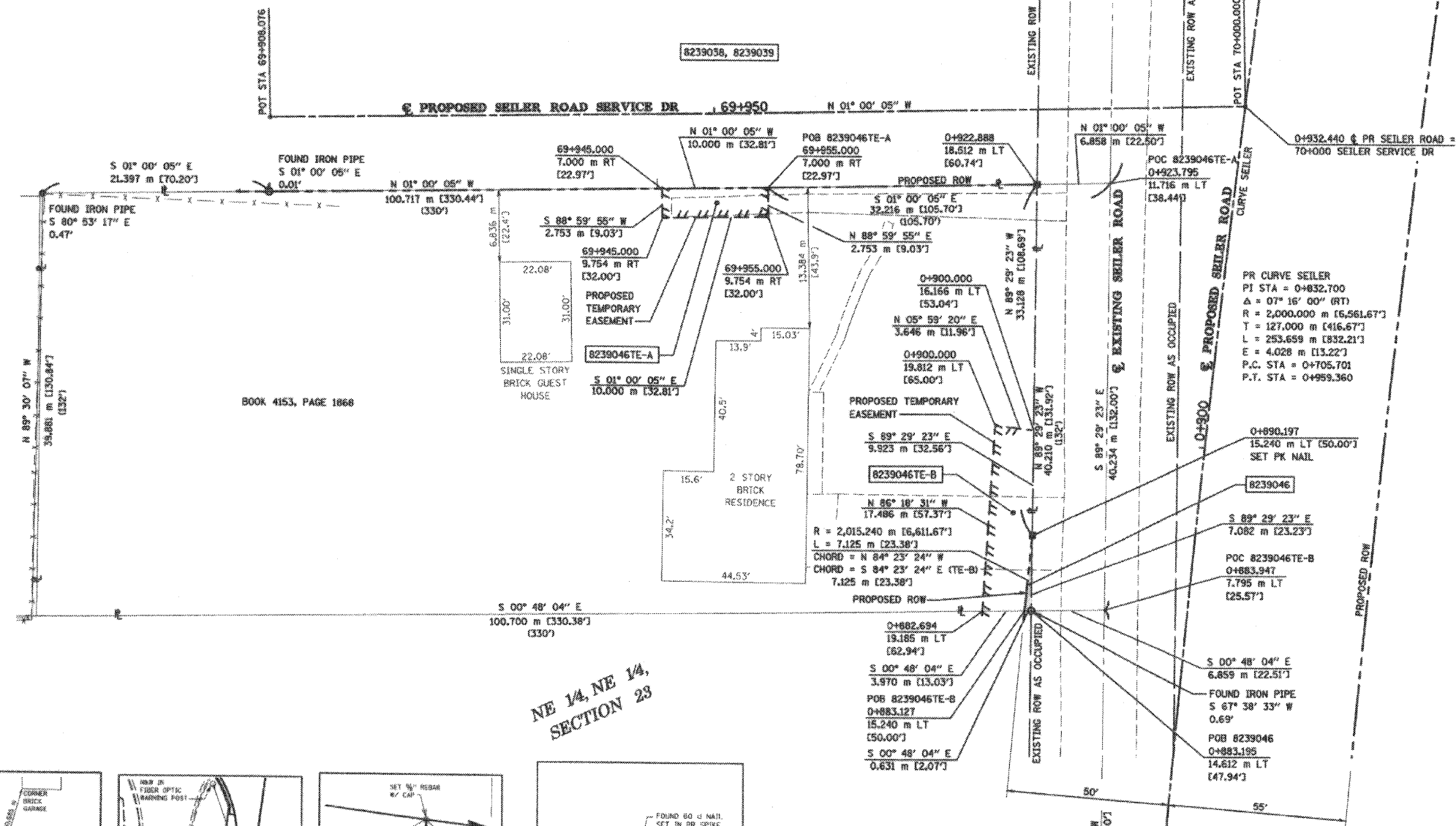


FOUND BRASS PLUG
NW CORNER NE 1/4
NE 1/4 SEC 23
PI STA 33+44.06
CNTY HWY 12A SECTION 109 MFT
R/W VOL 7, PAGE 179

SEE SHEET 31

LEGEND

- EXISTING CENTERLINE
- EXISTING RIGHT OF WAY LINE
- EXISTING EASEMENT LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED TEMPORARY EASEMENT LINE
- PROPOSED PERMANENT EASEMENT LINE
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PROPERTY (DEED) LINE
- APL
- APPROXIMATE PROPERTY LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- ENGLISH EQUIVALENT TO METRIC DIM.
- RECORDED DIMENSION
- FOUND IRON PIPE OR IRON ROD
- SET 5/8 INCH IRON ROD
- PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- CUT CROSS FOUND OR SET
- SAME OWNERSHIP



BOOK 4153, PAGE 1868

NE 1/4, NE 1/4, SECTION 23

SEE SHEET 37

- STAKING OF PROPOSED RIGHT OF WAY. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

STATE OF ILLINOIS)
COUNTY OF ADAMS) SS

THIS IS TO CERTIFY THAT I, JOHN E. BASINGER AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE DIRECTED THE SURVEY AND DRAFTING OF THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 23, TOWNSHIP 6 NORTH, RANGE 10 WEST, OF THE THIRD PRINCIPAL MERIDIAN, MADISON COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED 11-30-2005
John E. Basinger
JOHN E. BASINGER, PLS #2766
LICENSE EXPIRATION DATE: 11-30-2006
"THIS PROFESSIONAL SURVEY CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY."
FIELD WORK COMPLETED, APRIL 2004



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Engineers / Architects
616 North 24th Street (217) 223-3670
Quincy, Illinois 62301 FAX 223-3603
Internet Address: www.klingner.com
STATE OF ILLINOIS DESIGN FIRM # 1942738

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAP ROUTE 310 (IL 255)
SECTION 60-15
MADISON COUNTY
JOB NO. R-98-039-92
SEILER ROAD
STATION 0+883.127 TO STATION 0+922.888

SCALE 1:250 SHEET 36 OF 55

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/DISTRICT 8
1102 EASTPORT PLAZA DRIVE
COLLINGSVILLE, ILLINOIS 62234-6198

| PARCEL NO. | OWNER | TOTAL HOLDING ACRES | FEE SIMPLE ACQUISITION | | | | REMAINDER ACRES | EASEMENTS | | PERMANENT TAX NUMBER | PROPERTY ACQUIRED BY |
|------------|--|---------------------|------------------------|----------------------------|-----------|---------|-----------------|----------------------|----------------------|-----------------------|----------------------|
| | | | GROSS ACRES | PREVIOUSLY DEDICATED ACRES | NET ACRES | SO. FT. | | PE = PERMANENT ACRES | TE = TEMPORARY ACRES | | |
| 8239046 | HARVEY A. SELF JR. AND LINDA R. SELF, HUSBAND AND WIFE, AS TENANTS BY THE ENTIRETY TITLE REPORT NO. MA-2637 | 0.9965 | 0.0006 | 24 | N/A | N/A | 0.0006 | 24 | 0.9959 | 24-1-01-23-02-201-006 | |

11/30/2005 3:11:55 PM
D:\2005\11-30-2005\11-30-2005-0002-A.dwg
PLS: JEB
REF: REF.
APP: REF.

COORDINATES SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

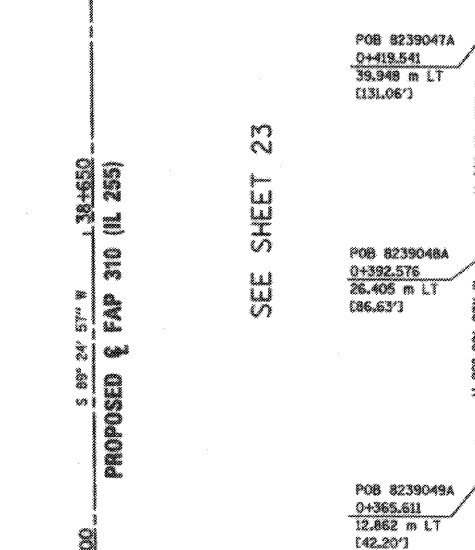
PART OF THE NE 1/4 OF SECTION 23, T6N, R10W, OF THE 3RD PM, MADISON COUNTY, ILLINOIS

BEARINGS SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

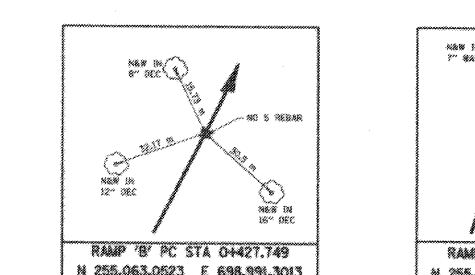
| COORDINATE TABLE (BASELINE RAMP B) | | | |
|------------------------------------|-------------|--------------|--------------|
| STATION | OFFSET | NORTH | EAST |
| 0+385.611 | 12.362 m LT | 255,023.2284 | 699,040.7046 |
| 0+381.333 | 16.784 m RT | 255,056.7645 | 699,040.2496 |
| 0+392.376 | 26.405 m LT | 255,023.4971 | 699,010.5306 |
| 0+415.486 | 16.784 m RT | 255,072.3642 | 699,009.8675 |
| 0+419.541 | 39.948 m LT | 255,023.7689 | 699,980.3565 |
| 0+447.526 | 18.077 m RT | 255,087.9639 | 699,979.4854 |
| 0+455.131 | 51.900 m LT | 255,024.0340 | 699,950.2657 |
| 0+455.721 | 19.406 m RT | 255,082.1784 | 699,971.2811 |
| 0+476.616 | 22.618 m RT | 255,100.9168 | 699,949.1907 |

| COORDINATE TABLE (PR SEILER RD) | | | |
|---------------------------------|-------------|--------------|--------------|
| STATION | OFFSET | NORTH | EAST |
| 0+792.961 | 15.240 m LT | 255,211.1276 | 699,038.1551 |
| 0+793.824 | 1.903 m LT | 255,224.4917 | 699,037.9737 |
| 0+822.979 | 15.240 m LT | 255,212.8990 | 699,007.9606 |
| 0+823.921 | 3.414 m LT | 255,224.7605 | 699,007.7997 |
| 0+853.033 | 15.240 m LT | 255,215.1243 | 699,977.7600 |
| 0+853.967 | 5.379 m LT | 255,225.0293 | 699,977.6256 |
| 0+883.127 | 15.240 m LT | 255,217.8080 | 699,947.5563 |
| 0+883.195 | 14.612 m LT | 255,218.4394 | 699,947.5474 |
| 0+883.947 | 7.795 m LT | 255,225.2981 | 699,947.4515 |

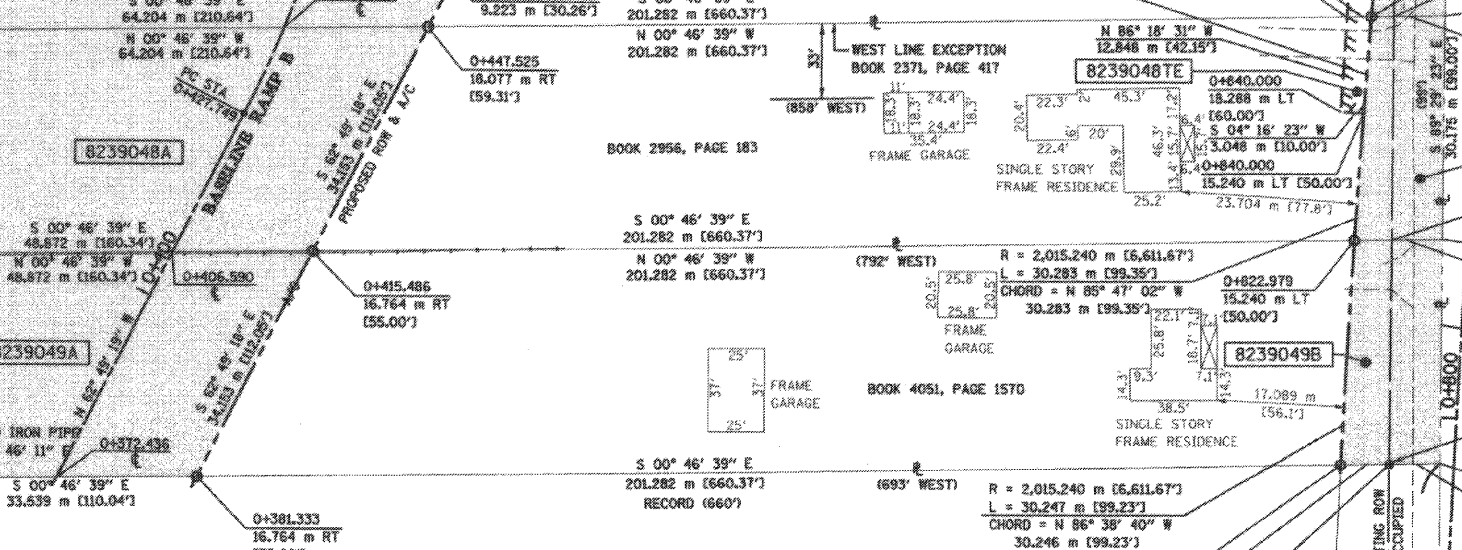
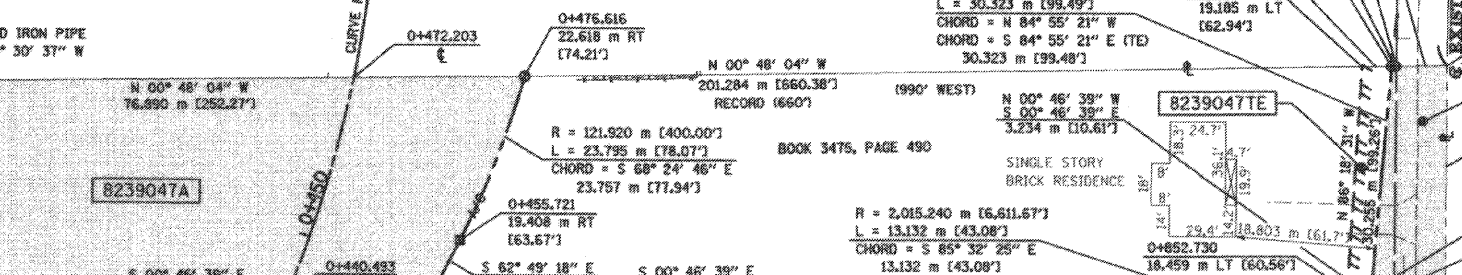
PR FAP 310 (IL 255) CURVE 77
 PI STA = 39+183.523
 $\Delta = 62^\circ 37' 42''$ (RT)
 $R = 780.000$ m [2,559.05']
 $T = 474.512$ m [1,556.79']
 $L = 852.596$ m [2,797.23']
 $E = 132.996$ m [436.34']
 P.C. STA = 38+709.010
 P.T. STA = 39+561.606



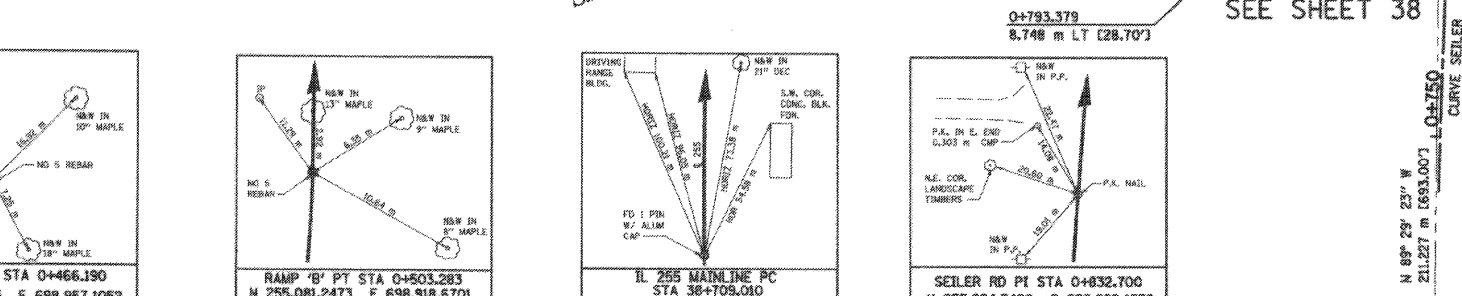
PR CURVE SEILER
 PI STA = 0+832.700
 $\Delta = 07^\circ 16' 00''$ (RT)
 $R = 2,000.000$ m [6,561.67']
 $T = 127.000$ m [416.67']
 $L = 253.659$ m [832.21']
 $E = 4.028$ m [13.22']
 P.C. STA = 0+705.700
 P.T. STA = 0+959.359



PR CURVE RAMP B-2
 PI STA = 0+466.190
 $\Delta = 26^\circ 13' 43''$ (LT)
 $R = 165.000$ m [541.34']
 $T = 38.440$ m [126.12']
 $L = 75.533$ m [247.81']
 $E = 4.419$ m [14.50']
 P.C. STA = 0+427.749
 P.T. STA = 0+503.283



PR CURVE SEILER
 PI STA = 0+832.700
 $\Delta = 07^\circ 16' 00''$ (RT)
 $R = 2,000.000$ m [6,561.67']
 $T = 127.000$ m [416.67']
 $L = 253.659$ m [832.21']
 $E = 4.028$ m [13.22']
 P.C. STA = 0+705.700
 P.T. STA = 0+959.359



SEE SHEET 36



EXISTING CENTERLINE
 EXISTING RIGHT OF WAY LINE
 EXISTING EASEMENT LINE
 PROPOSED CENTERLINE
 PROPOSED RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY AND PROPO:
 ACCESS CONTROL LINE
 PROPOSED TEMPORARY EASEMENT LINE
 PROPOSED PERMANENT EASEMENT LINE
 SECTION LINE
 QUARTER SECTION LINE
 QUARTER QUARTER SECTION LINE
 PROPERTY (DEED) LINE
 APPARENT PROPERTY LINE
 MEASURED DIMENSION
 COMPUTED DIMENSION
 ENGLISH EQUIVALENT TO METRIC DIM.
 RECORDED DIMENSION
 FOUND IRON PIPE OR IRON ROD
 SET 5/8 INCH IRON ROD
 PERMANENT SURVEY MONUMENT,
 I.D.O.T. STD. 2135
 (TO BE SET BY OTHERS)
 CUT CROSS FOUND OR SET

STAKING OF PROPOSED RIGHT OF WAY, SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER

STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUM

STATE OF ILLINOIS)
 COUNTY OF ADAMS) SS

THIS IS TO CERTIFY THAT I, JOHN E. BASINGER AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE DIRECTED THE SURVEY & DRAFTING OF THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 23, TOWNSHIP 6 NORTH, RANGE 10 WEST, OF THE THE PRINCIPAL MERIDIAN, MADISON COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RE-TRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED 11-30-2005

JOHN E. BASINGER, PLS #2766
 LICENSE EXPIRATION DATE: 11-30-2008
 "THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY."
 FIELD WORK COMPLETED: APRIL 2004

KLINGNER & ASSOCIATES, P.C.
 Engineers / Architects
 616 North 24th Street (217) 223-3670
 Quincy, Illinois 62301 FAX: 223-3603
 Internet Address: www.klingner.com
 STATE OF ILLINOIS DESIGN FIRM # 1842736

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
 FAP ROUTE 310 (IL 255)
 SECTION 60-15
 MADISON COUNTY
 JOB NO. R-98-039-92
 SEILER ROAD
 STATION 0+792.961 TO STATION 0+883.127

SCALE 1:500

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS/DISTRICT 8
 1102 EASTPORT PLAZA DRIVE
 COLLINSVILLE, ILLINOIS 62234-6198

| PARCEL NO. | OWNER | TOTAL HOLDING ACRES | FEE SIMPLE ACQUISITION | | | | REMAINDER ACRES | EASEMENTS | | PERMANENT TAX NUMBER | PROPERTY ACQUIRED BY | | |
|------------|--|---------------------|------------------------|---------|----------------------------|---------|-----------------|-----------|---------|----------------------|----------------------|----------------------|------------------------|
| | | | GROSS ACRES | SQ. FT. | PREVIOUSLY DEDICATED ACRES | SQ. FT. | | NET ACRES | SQ. FT. | | | PE = PERMANENT ACRES | TE = TEMPORARY SQ. FT. |
| 8239047 | AMY J. WHITEHALL, A SINGLE PERSON TITLE REPORT NO. MA-2643 | 1.4984 | A 0.5296 | 23,070 | N/A | N/A | 0.5296 | 23,070 | 0.9037 | TE 0.0266 | 1,157 | ENTRANCE & GRADING | 24-1-01-23-02-201-007 |
| | | | B 0.0681 | 2,837 | 0.0511 | 2,227 | 0.0140 | 610 | | | | | |
| 8239048 | FRANKLIN D. WISEMAN AND PEGEEN A. WISEMAN, AS JOINT TENANTS TITLE REPORT NO. MA-2644 | 1.5005 | A 0.4215 | 18,359 | N/A | N/A | 0.4215 | 18,359 | 0.9976 | TE 0.0100 | 437 | ENTRANCE & GRADING | 24-1-01-23-02-201-008 |
| | | | B 0.0814 | 3,547 | 0.0511 | 2,227 | 0.0303 | 1,320 | | | | | |
| 8239049 | RICKEY L. MEIER AND DOLORES A. MEIER, HUSBAND AND WIFE, AS JOINT TENANTS TITLE REPORT NO. MA-2645 | 1.5005 | A 0.3072 | 13,380 | N/A | N/A | 0.3072 | 13,380 | 1.0990 | N/A | N/A | N/A | 24-1-01-23-02-201-009 |
| | | | B 0.0943 | 4,109 | 0.0511 | 2,227 | 0.0432 | 1,882 | | | | | |

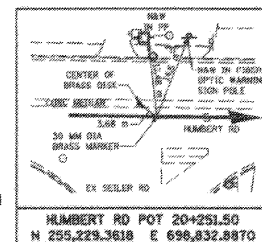
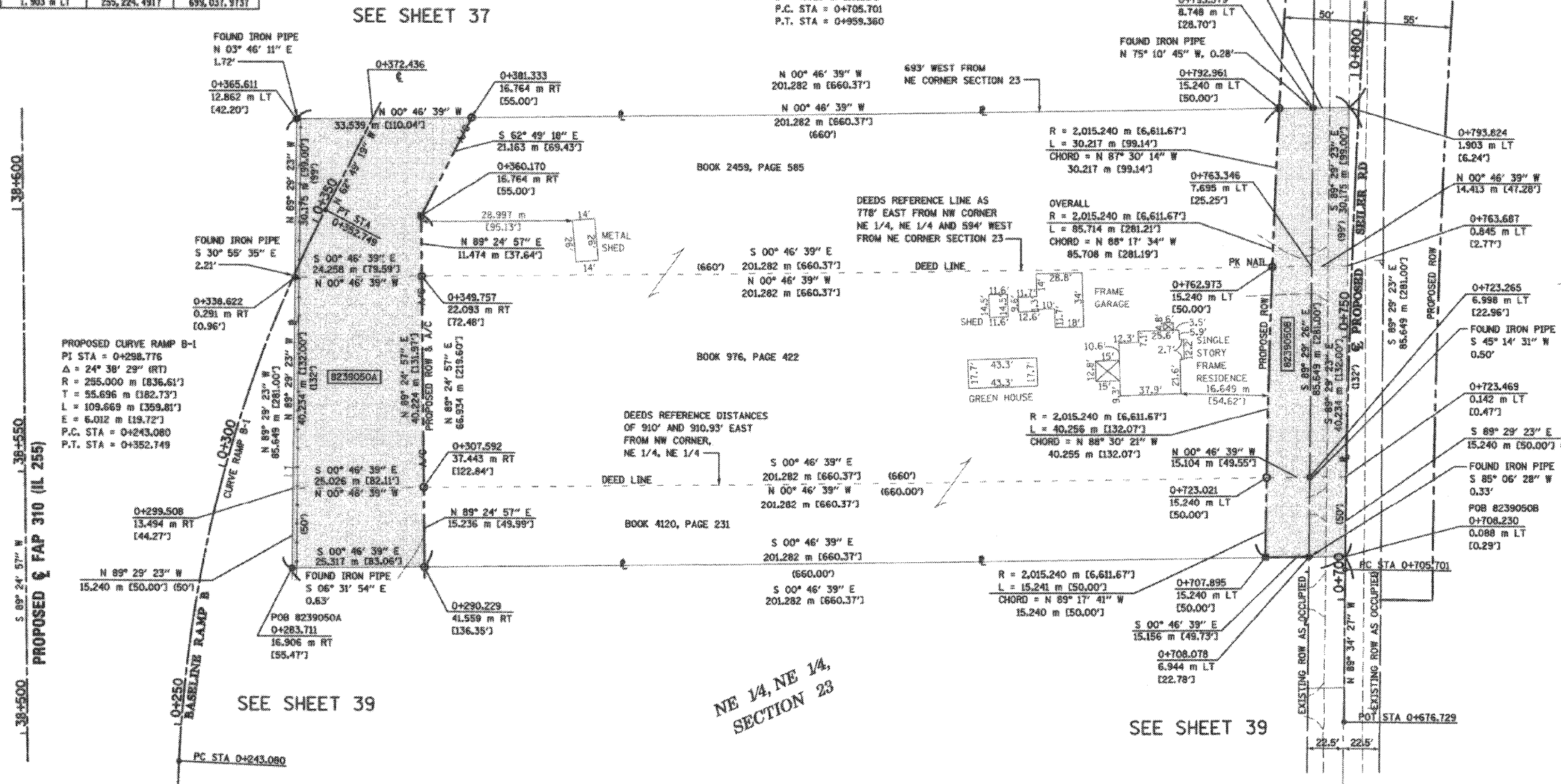
DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

PART OF THE NE 1/4 OF SECTION 23, T6N, R10W, OF THE 3RD PM, MADISON COUNTY, ILLINOIS

CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

| STATION | OFFSET | NORTH | EAST |
|-----------|-------------|--------------|--------------|
| 0+283.711 | 16.906 m RT | 255,022.4634 | 699,126.3502 |
| 0+290.229 | 41.559 m RT | 255,047.7804 | 699,126.0067 |
| 0+360.170 | 16.764 m RT | 255,047.0980 | 699,059.0763 |
| 0+365.611 | 12.862 m LT | 255,023.2284 | 699,040.7046 |
| 0+361.333 | 16.764 m RT | 255,056.7645 | 699,040.2496 |

| STATION | OFFSET | NORTH | EAST |
|-----------|-------------|--------------|--------------|
| 0+707.895 | 15.240 m LT | 255,208.5743 | 699,123.8249 |
| 0+708.230 | 0.088 m LT | 255,223.7288 | 699,123.6195 |
| 0+792.961 | 15.240 m LT | 255,211.1276 | 699,038.1551 |
| 0+793.824 | 1.903 m LT | 255,224.4917 | 699,037.9737 |



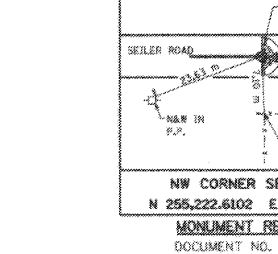
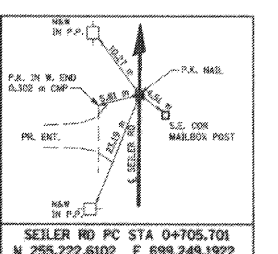
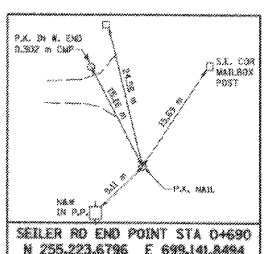
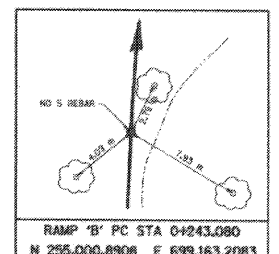
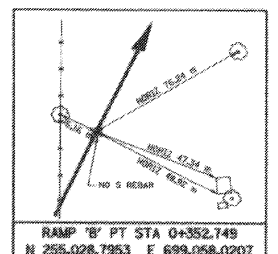
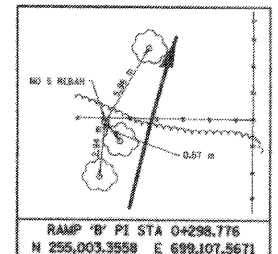
LEGEND

- EXISTING CENTERLINE
- EXISTING RIGHT OF WAY LINE
- EXISTING EASEMENT LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY AND PROPOSED ACCESS CONTROL LINE
- PROPOSED TEMPORARY EASEMENT LINE
- PROPOSED PERMANENT EASEMENT LINE
- LOT LINE OR DEED LINE
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- ENGLISH EQUIVALENT TO METRIC DIM.
- RECORDED DIMENSION
- FOUND IRON PIPE OR IRON ROD
- SET 5/8 INCH IRON ROD
- PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 2135
- (TO BE SET BY OTHERS)
- CUT CROSS FOUND OR SET
- SAME OWNERSHIP

STATE OF ILLINOIS)
 COUNTY OF ADAMS)

THIS IS TO CERTIFY THAT I, JOHN E. BASINGER AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE DIRECTED THE SURVEY AND DRAFTING OF THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 23, TOWNSHIP 6 NORTH, RANGE 10 WEST, OF THE THIRD PRINCIPAL MERIDIAN, MADISON COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED 11-30-2005
 JOHN E. BASINGER, PLS #2766
 LICENSE EXPIRATION DATE 11-30-2006
 "THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY."
 FIELD WORK COMPLETED APRIL 2004



| PARCEL NO. | OWNER | TOTAL HOLDING ACRES | FEE SIMPLE ACQUISITION | | | | REMAINDER ACRES | EASEMENTS | | PERMANENT TAX NUMBER | PROPERTY ACQUIRED BY | | | |
|------------|--|---------------------|------------------------|---------|----------------------------|---------|-----------------|-----------|---------|----------------------|----------------------|-----------|---|------------------|
| | | | GROSS ACRES | SO. FT. | PREVIOUSLY DEDICATED ACRES | SO. FT. | | NET ACRES | SO. FT. | | | PERMANENT | TEMPORARY | EASEMENT PURPOSE |
| 8239050 | OLIVER F. SCHROEDER AND RUTH L. SCHROEDER, HUSBAND AND WIFE AS JOINT TENANTS TITLE REPORT NO. MA-2646, MA-2647, MA-2648 | 4.2589 | A 0.5411 | 23,572 | N/A | N/A | 0.5411 | 23,572 | 3.4096 | N/A | N/A | N/A | 24-1-01-23-02-201-010 24-1-01-23-02-201-011 24-1-01-23-02-201-012.001 | |

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
 FAP ROUTE 310 (IL 255)
 SECTION 60-15
 MADISON COUNTY
 JOB NO. R-98-039-92
 SEILER ROAD
 STATION 0+707.895 TO STATION 0+792.961

SCALE 1:500

SHEET 38 OF 55

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS/DISTRICT 8
 1102 EASTPORT PLAZA DRIVE
 COLLINGSVILLE, ILLINOIS 62234-6138

COORDINATES SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

PART OF THE NE 1/4 OF SECTION 23, T6N, R10W, OF THE 3RD PM, MADISON COUNTY, ILLINOIS

BEARINGS SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

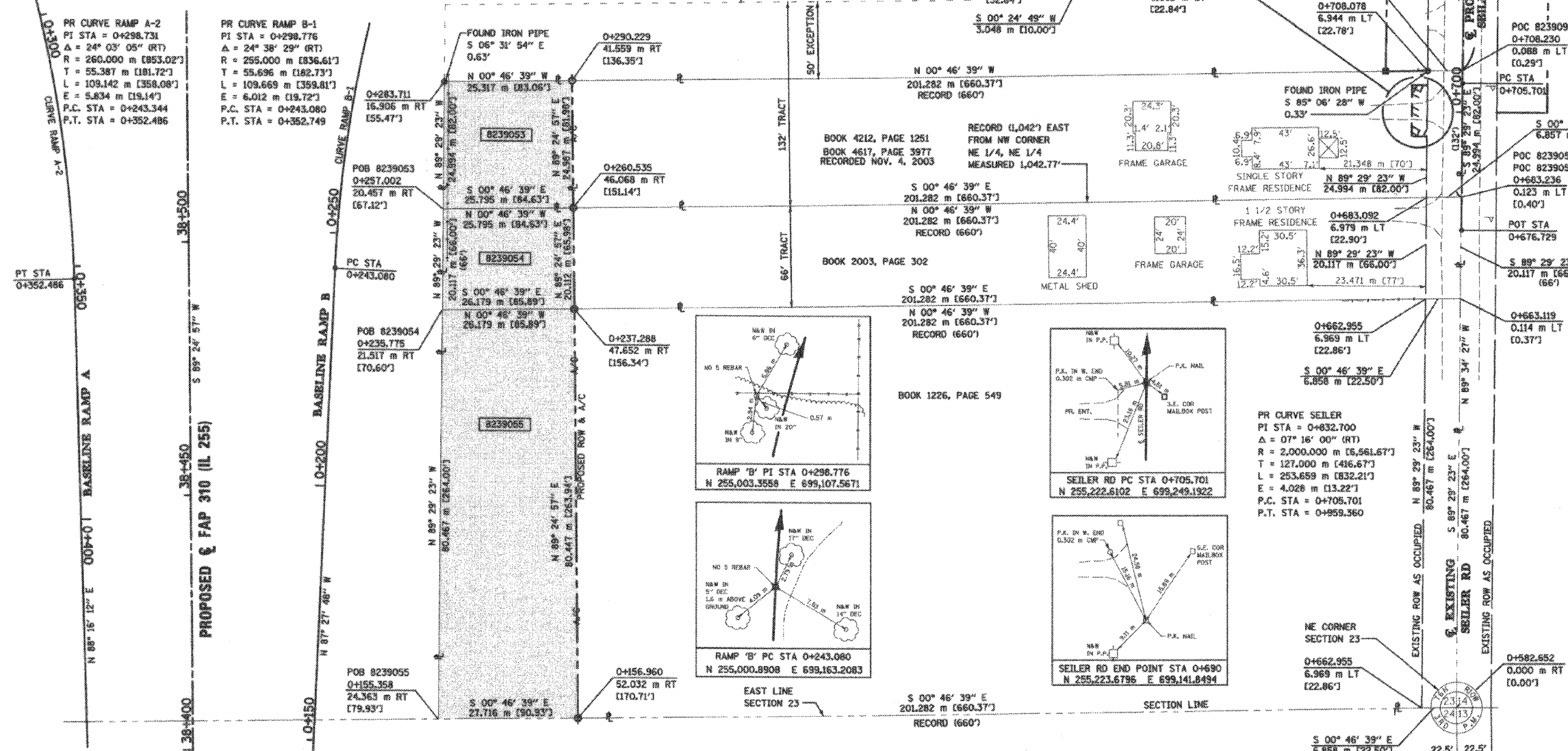
COORDINATE TABLE (BASELINE RAMP B)

| STATION | OFFSET | NORTH | EAST |
|-----------|-------------|--------------|--------------|
| 0+155.358 | 24.363 m RT | 255,021.3460 | 699,251.9231 |
| 0+156.960 | 52.032 m RT | 255,049.0603 | 699,251.5470 |
| 0+235.775 | 21.517 m RT | 255,022.0636 | 699,171.4589 |
| 0+237.288 | 47.652 m RT | 255,048.2401 | 699,171.1037 |
| 0+257.002 | 20.457 m RT | 255,022.2420 | 699,151.3429 |
| 0+260.535 | 46.068 m RT | 255,048.0351 | 699,150.9929 |
| 0+283.711 | 16.906 m RT | 255,022.4654 | 699,126.3502 |
| 0+290.229 | 41.559 m RT | 255,047.7804 | 699,126.0067 |

COORDINATE TABLE (PR SEILER RD)

| STATION | OFFSET | NORTH | EAST |
|-----------|-------------|--------------|--------------|
| 0+695.113 | 10.009 m LT | 255,213.7084 | 699,136.8623 |
| 0+695.114 | 6.961 m LT | 255,216.7565 | 699,136.8843 |
| 0+705.223 | 6.948 m LT | 255,216.8466 | 699,126.5753 |
| 0+705.223 | 9.995 m LT | 255,213.7985 | 699,126.5623 |
| 0+708.078 | 6.944 m LT | 255,216.8721 | 699,123.7123 |
| 0+708.230 | 0.088 m LT | 255,223.7288 | 699,123.6193 |

SEE SHEET 38



LEGEND

- EXISTING CENTERLINE
- EXISTING RIGHT OF WAY LINE
- EXISTING EASEMENT LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY AND PROPOSED ACCESS CONTROL LINE
- PROPOSED TEMPORARY EASEMENT LINE
- PROPOSED PERMANENT EASEMENT LINE
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- ENGLISH EQUIVALENT TO METRIC DIM.
- RECORDED DIMENSION
- FOUND IRON PIPE OR IRON ROD SET 5/8 INCH IRON ROD PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- CUT CROSS FOUND OR SET
- SAME OWNERSHIP

STAKING OF PROPOSED RIGHT OF WAY, SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

STATE OF ILLINOIS)
COUNTY OF ADAMS) SS

THIS IS TO CERTIFY THAT I, JOHN E. BASINGER AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE DIRECTED THE SURVEY AND DRAFTING OF THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 23, TOWNSHIP 6 NORTH, RANGE 10 WEST, OF THE THIRD PRINCIPAL MERIDIAN, MADISON COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED 11-30-2005
John E. Basinger
JOHN E. BASINGER, PLS #2766
LICENSE EXPIRATION DATE: 11-30-2008
"THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY."
FIELD WORK COMPLETED: APRIL 2004



KLINGNER & ASSOCIATES, P.C.
Engineers / Architects

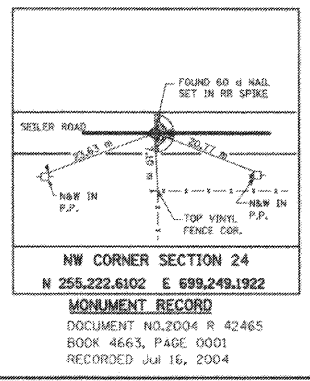
616 North 24th Street (217) 223-3670
Quincy, Illinois 62301 FAX: 223-3603
Internet Address: www.klingner.com
STATE OF ILLINOIS DESIGN FIRM # 1842738

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAP ROUTE 310 (IL 255)
SECTION 60-15
MADISON COUNTY
JOB NO. R-98-039-92
BASELINE RAMP B
STATION 0+156.960 TO STATION 0+290.229

0 m 10 m 20 m 30 m
SCALE 1:500 SHEET 39 OF 55

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/DISTRICT 8
1102 EASTPORT PLAZA DRIVE
COLLINGSVILLE, ILLINOIS 62234-6188

| PARCEL NO. | OWNER | TOTAL HOLDING ACRES | FEE SIMPLE ACQUISITION | | | | REMAINDER ACRES | EASEMENTS | | PERMANENT TAX NUMBER | PROPERTY ACQUIRED BY | | | |
|------------|---|---------------------|------------------------|---------|----------------------------|---------|-----------------|-----------|---------|----------------------|----------------------|----------------------|----------------------------|------------------|
| | | | GROSS ACRES | SQ. FT. | PREVIOUSLY DEDICATED ACRES | SQ. FT. | | NET ACRES | SQ. FT. | | | PE = PERMANENT ACRES | TE = TEMPORARY ACRES | EASEMENT PURPOSE |
| 8239053 | TIMOTHY E. CHRISTOPHER AND JANET E. CHRISTOPHER, HUSBAND AND WIFE, AS JOINT TENANTS TITLE REPORT NO. MA-2649 | 0.1578 | 0.1578 | 6,874 | N/A | N/A | 0.1578 | 6,874 | 0.0000 | N/A | N/A | N/A | 24-1-01-23-02-201-012 (PT) | |
| 8239054 | DONALD L. PAGE AND COLENE H. PAGE, HUSBAND AND WIFE, AS JOINT TENANTS TITLE REPORT NO. MA-2653 | 1.0003 | 0.1292 | 5,626 | N/A | N/A | 0.1292 | 5,626 | 0.8711 | N/A | N/A | N/A | 24-1-01-23-02-201-013 | |
| 8239055 | DOROTHY CONRAD TITLE REPORT NO. MA-2656.0 | 4.0012 | 0.5357 | 23,334 | N/A | N/A | 0.5357 | 23,334 | 3,4655 | N/A | N/A | N/A | 24-1-01-23-02-201-014 | |
| 8239091 | SETH MEYER AS SOLE OWNER TITLE REPORT NO. MA-3257 | 1.0850 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | TE 0.0076 | 332 | ENTRANCE | 24-1-01-23-02-201-012 (PT) | |



SEE SHEET 18, 20

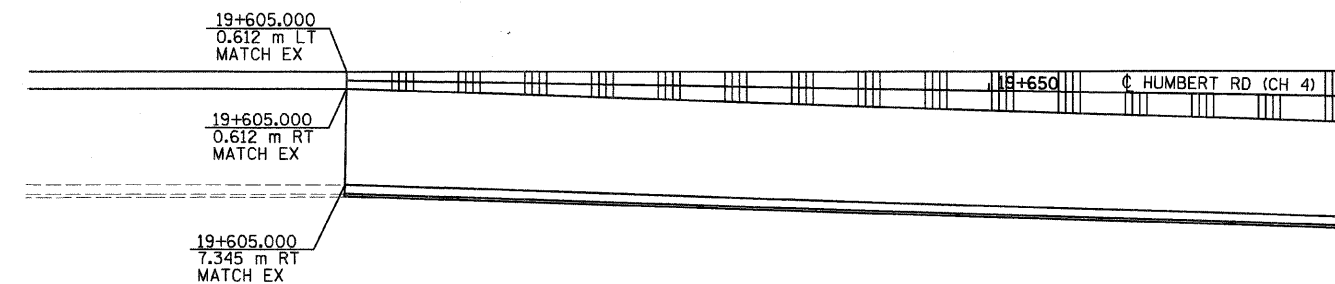
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|--------------------|---------------------------|--------------|-----------|
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 82 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76635 | | | | |

| POINT | STATION | OFFSET | ELEVATION |
|-------|------------|-----------|-----------|
| A1 | 19+735.000 | 9.350 RT | 187.574 |
| A2 | 19+736.494 | 9.483 RT | 187.571 |
| A3 | 19+738.011 | 9.857 RT | 187.538 |
| A4 | 19+739.451 | 10.462 RT | 187.479 |
| A5 | 19+740.780 | 11.284 RT | 187.408 |
| A6 | 39+987.696 | 6.504 LT | 187.329 |
| A7 | 39+986.506 | 5.494 LT | 187.230 |
| A8 | 39+985.172 | 4.680 LT | 187.154 |
| A9 | 39+983.728 | 4.085 LT | 187.084 |
| A10 | 39+982.207 | 3.722 LT | 187.032 |
| A11 | 39+980.650 | 3.600 LT | 186.989 |

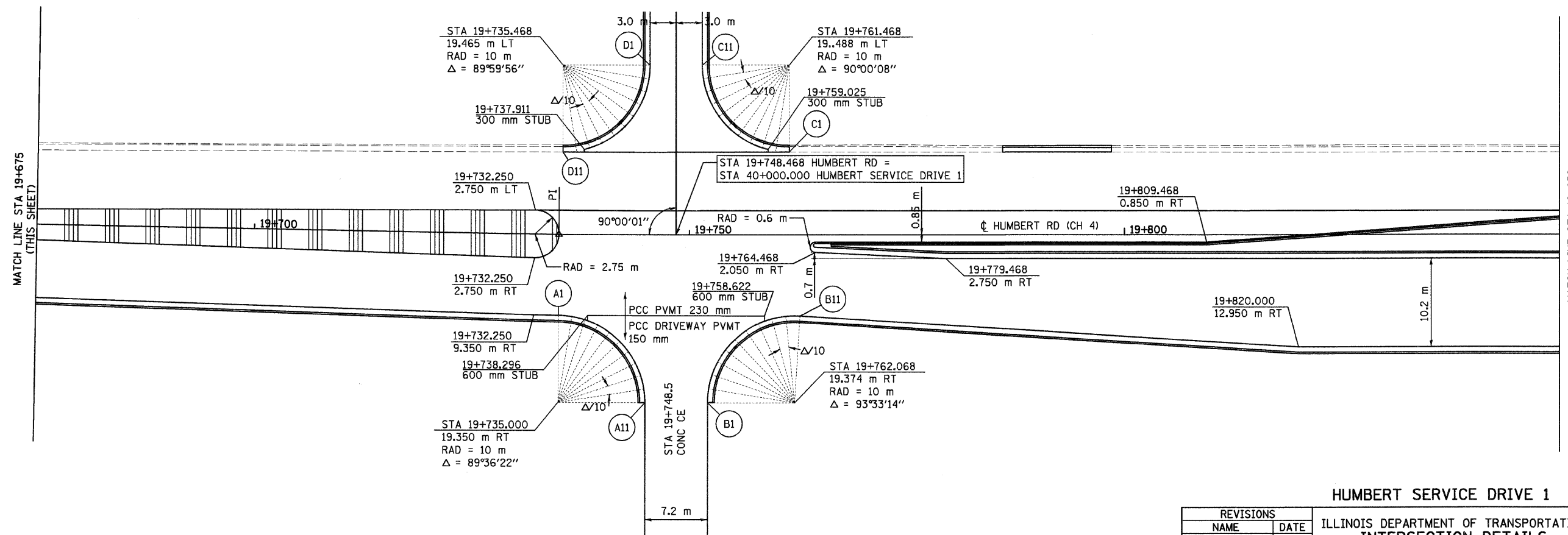
| POINT | STATION | OFFSET | ELEVATION |
|-------|------------|-----------|-----------|
| C1 | 19+761.469 | 9.487 LT | 187.525 |
| C2 | 19+759.904 | 9.611 LT | 187.522 |
| C3 | 19+758.378 | 9.977 LT | 187.512 |
| C4 | 19+756.929 | 10.577 LT | 187.498 |
| C5 | 19+755.591 | 11.397 LT | 187.479 |
| C6 | 40+012.417 | 5.929 RT | 187.456 |
| C7 | 40+013.610 | 4.910 RT | 187.430 |
| C8 | 40+014.947 | 4.090 RT | 187.403 |
| C9 | 40+016.397 | 3.489 RT | 187.373 |
| C10 | 40+017.923 | 3.123 RT | 187.376 |
| C11 | 40+019.487 | 3.000 RT | 187.410 |

| POINT | STATION | OFFSET | ELEVATION |
|-------|------------|-----------|-----------|
| B1 | 39+980.626 | 3.600 LT | 186.988 |
| B2 | 39+982.252 | 3.733 LT | 187.035 |
| B3 | 39+983.834 | 4.128 LT | 187.090 |
| B4 | 39+985.331 | 4.775 LT | 187.150 |
| B5 | 39+986.703 | 5.658 LT | 187.210 |
| B6 | 19+755.219 | 12.087 RT | 187.280 |
| B7 | 19+756.496 | 11.071 RT | 187.370 |
| B8 | 19+757.919 | 10.275 RT | 187.460 |
| B9 | 19+759.454 | 9.722 RT | 187.530 |
| B10 | 19+761.057 | 9.425 RT | 187.560 |
| B11 | 19+762.688 | 9.393 RT | 187.589 |

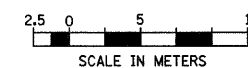
| POINT | STATION | OFFSET | ELEVATION |
|-------|------------|-----------|-----------|
| D1 | 40+019.465 | 3.000 LT | 187.410 |
| D2 | 40+017.900 | 3.124 LT | 187.376 |
| D3 | 40+016.374 | 3.489 LT | 187.360 |
| D4 | 40+014.925 | 4.090 LT | 187.388 |
| D5 | 40+013.587 | 4.910 LT | 187.414 |
| D6 | 40+012.394 | 5.929 LT | 187.439 |
| D7 | 19+741.347 | 11.374 LT | 187.462 |
| D8 | 19+740.008 | 10.555 LT | 187.480 |
| D9 | 19+738.559 | 9.954 LT | 187.495 |
| D10 | 19+737.033 | 9.588 LT | 187.505 |
| D11 | 19+735.468 | 9.465 LT | 187.510 |



PI STA = 19+735.000
 $\Delta = 0^{\circ}56'36''$ LT
 NO CURVE



STATIONS, OFFSETS, AND ELEVATIONS ARE FOR ULTIMATE PAVING
 FOR PLAN AND PROFILE OF HUMBERT ROAD SEE SHEET 33



| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

HUMBERT SERVICE DRIVE 1
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 INTERSECTION DETAILS
 FAP 310 (IL 255)
 SECTIONS 60-15-1, 60-15HB-1
 MADISON COUNTY
 DRAWN BY _____
 CHECKED BY _____
 DATE _____

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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|--------------------|---------------------------|--------------|-----------|
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 83 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76635 | | | | |

| POINT | STATION | OFFSET | ELEVATION |
|-------|------------|-----------|-----------|
| A1 | 19+862.161 | 12.950 RT | 187.731 |
| A2 | 19+865.822 | 13.061 RT | 187.738 |
| A3 | 19+869.470 | 13.390 RT | 187.740 |
| A4 | 19+873.090 | 13.938 RT | 187.737 |
| A5 | 19+876.672 | 14.702 RT | 187.731 |
| A6 | 19+880.202 | 15.680 RT | 187.720 |
| A7 | 19+884.311 | 17.404 RT | 187.695 |
| A8 | 19+888.011 | 19.888 RT | 187.654 |
| A9 | 19+891.162 | 23.039 RT | 187.599 |
| A10 | 0+026.738 | 4.454 RT | 187.540 |
| A11 | 0+030.848 | 2.730 RT | 187.485 |
| A12 | 0+034.378 | 1.752 RT | 187.435 |
| A13 | 0+037.959 | 0.988 RT | 187.385 |
| A14 | 0+041.581 | 0.439 RT | 187.331 |
| A15 | 0+045.228 | 0.110 RT | 187.274 |
| A16 | 0+048.889 | 0.000 RT | 187.214 |

| POINT | STATION | OFFSET | ELEVATION |
|-------|------------|-----------|-----------|
| B1 | 19+910.334 | 9.350 RT | 187.919 |
| B2 | 19+907.775 | 12.519 RT | 187.850 |
| B3 | 0+016.036 | 7.622 LT | 187.743 |
| B4 | 0+019.821 | 6.121 LT | 187.628 |
| B5 | 0+023.790 | 5.208 LT | 187.563 |
| B6 | 0+027.850 | 4.900 LT | 187.499 |

| POINT | STATION | OFFSET | ELEVATION |
|-------|------------|-----------|-----------|
| C1 | 0+385.225 | 4.900 LT | 187.766 |
| C2 | 0+389.725 | 5.278 LT | 187.728 |
| C3 | 0+394.099 | 6.400 LT | 187.708 |
| C4 | 19+903.777 | 17.816 LT | 187.705 |
| C5 | 19+905.217 | 13.535 LT | 187.798 |
| C6 | 19+907.350 | 9.554 LT | 187.884 |

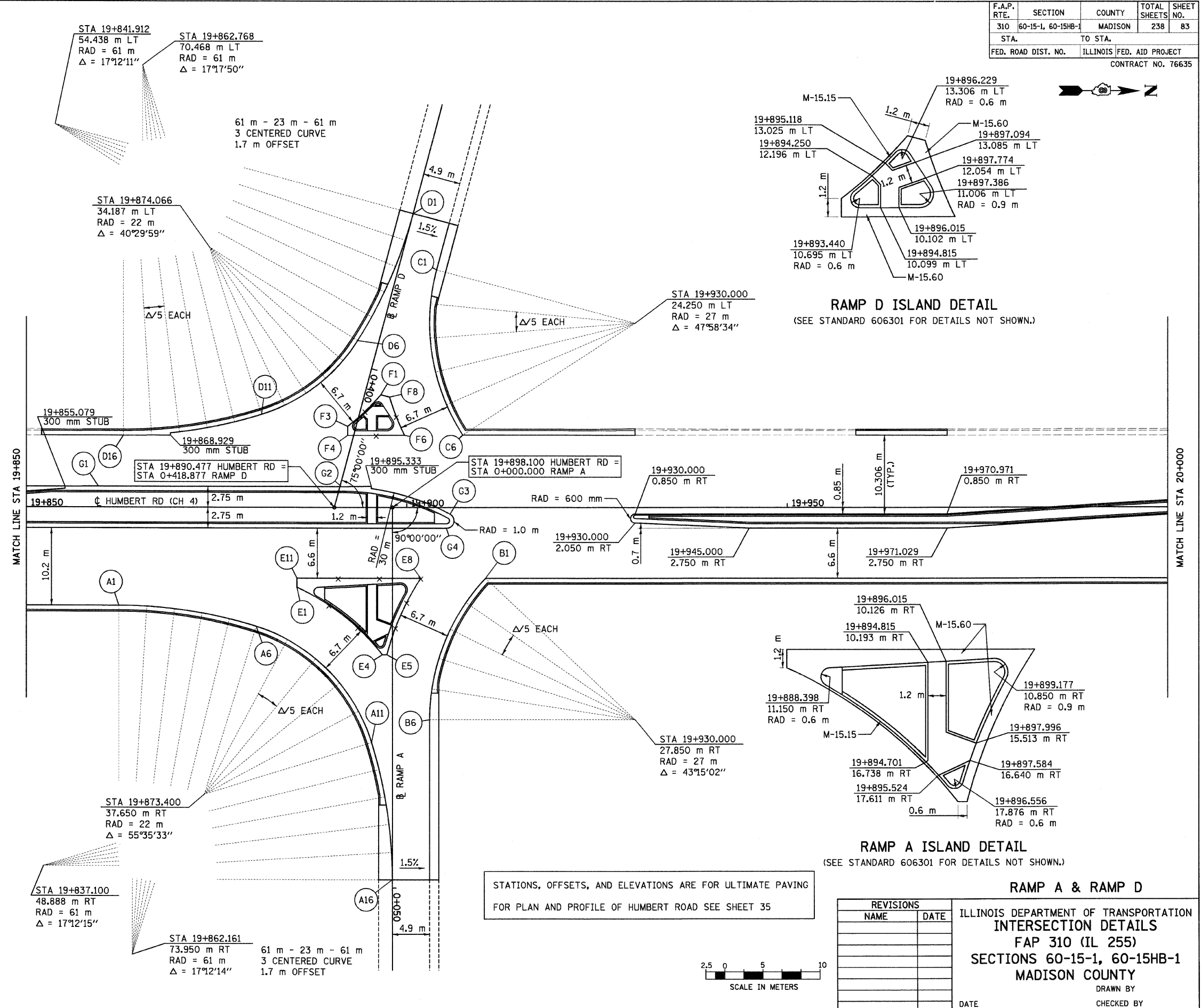
| POINT | STATION | OFFSET | ELEVATION |
|-------|------------|-----------|-----------|
| D1 | 0+378.865 | 0.000 RT | 187.926 |
| D2 | 0+382.524 | 0.110 RT | 187.870 |
| D3 | 0+386.173 | 0.440 RT | 187.824 |
| D4 | 0+389.793 | 0.987 RT | 187.780 |
| D5 | 0+393.375 | 1.751 RT | 187.730 |
| D6 | 0+396.905 | 2.729 RT | 187.705 |
| D7 | 0+399.933 | 3.906 RT | 187.690 |
| D8 | 0+402.765 | 5.499 RT | 187.710 |
| D9 | 0+405.344 | 7.475 RT | 187.725 |
| D10 | 0+407.619 | 9.794 RT | 187.741 |
| D11 | 19+880.904 | 12.226 LT | 187.756 |
| D12 | 19+877.357 | 11.240 LT | 187.768 |
| D13 | 19+873.756 | 10.465 LT | 187.775 |
| D14 | 19+870.116 | 9.912 LT | 187.777 |
| D15 | 19+866.449 | 9.579 LT | 187.774 |
| D16 | 19+862.768 | 9.468 LT | 187.766 |

| POINT | STATION | OFFSET | ELEVATION |
|-------|------------|-----------|-----------|
| E1 | 19+885.553 | 10.550 RT | 187.805 |
| E2 | 19+889.759 | 12.862 RT | 187.777 |
| E3 | 19+893.537 | 15.820 RT | 187.739 |
| E4 | 19+896.790 | 19.347 RT | 187.693 |
| E5 | 19+897.390 | 19.348 RT | 187.693 |
| E6 | 19+898.505 | 15.860 RT | 187.763 |
| E7 | 19+899.991 | 12.515 RT | 187.834 |
| E8 | 19+901.832 | 9.350 RT | 187.898 |
| E9 | 19+896.405 | 9.350 RT | 187.885 |
| E10 | 19+890.979 | 9.350 RT | 187.872 |
| E11 | 19+885.553 | 9.350 RT | 187.859 |

| POINT | STATION | OFFSET | ELEVATION |
|-------|------------|-----------|-----------|
| F1 | 19+896.580 | 14.816 LT | 187.796 |
| F2 | 19+894.512 | 12.644 LT | 187.806 |
| F3 | 19+892.234 | 10.691 LT | 187.815 |
| F4 | 19+892.235 | 9.491 LT | 187.840 |
| F5 | 19+895.964 | 9.502 LT | 187.849 |
| F6 | 19+899.693 | 9.512 LT | 187.861 |
| F7 | 19+898.616 | 11.970 LT | 187.851 |
| F8 | 19+897.739 | 14.506 LT | 187.828 |

| POINT | STATION | OFFSET | ELEVATION |
|-------|------------|----------|-----------|
| G1 | 19+859.468 | 2.750 LT | 187.898 |
| G2 | 19+891.394 | 2.750 LT | 187.990 |
| G3 | 19+905.681 | 0.871 RT | 188.077 |
| G4 | 19+902.205 | 2.750 RT | 188.031 |

• - MATCH EXISTING PAVEMENT ELEVATIONS



RAMP D ISLAND DETAIL
(SEE STANDARD 606301 FOR DETAILS NOT SHOWN.)

RAMP A ISLAND DETAIL
(SEE STANDARD 606301 FOR DETAILS NOT SHOWN.)

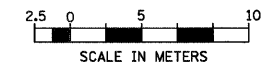
RAMP A & RAMP D

ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERSECTION DETAILS
FAP 310 (IL 255)
SECTIONS 60-15-1, 60-15HB-1
MADISON COUNTY

DRAWN BY _____
CHECKED BY _____

DATE _____

| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
| | |
| | |
| | |
| | |



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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|--------------------|---------------------------|--------------|-----------|
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 84 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| | | CONTRACT NO. 76635 | | |

| POINT | STATION | OFFSET | ELEVATION |
|-------|------------|-----------|-----------|
| A1 | 0+567.258 | 4.900 LT | 188.078 |
| A2 | 0+570.408 | 5.084 LT | 188.138 |
| A3 | 0+573.514 | 5.635 LT | 188.199 |
| A4 | 20+098.283 | 14.973 RT | 188.258 |
| A5 | 20+097.028 | 12.078 RT | 188.312 |
| A6 | 20+095.444 | 9.350 RT | 188.363 |

| POINT | STATION | OFFSET | ELEVATION |
|-------|------------|-----------|-----------|
| B1 | 0+546.220 | 2.300 RT | 187.876 |
| B2 | 0+549.880 | 2.410 RT | 187.927 |
| B3 | 0+553.528 | 2.740 RT | 187.983 |
| B4 | 0+557.150 | 3.288 RT | 188.035 |
| B5 | 0+560.731 | 4.051 RT | 188.087 |
| B6 | 0+564.261 | 5.029 RT | 188.130 |
| B7 | 0+568.370 | 6.753 RT | 188.180 |
| B8 | 20+114.064 | 19.439 RT | 188.240 |
| B9 | 20+117.216 | 16.287 RT | 188.290 |
| B10 | 20+120.916 | 13.804 RT | 188.340 |
| B11 | 20+125.025 | 12.079 RT | 188.379 |
| B12 | 20+128.554 | 11.102 RT | 188.408 |
| B13 | 20+132.136 | 10.337 RT | 188.431 |
| B14 | 20+135.757 | 9.789 RT | 188.451 |
| B15 | 20+139.406 | 9.460 RT | 188.467 |
| B16 | 20+143.066 | 9.350 RT | 188.477 |

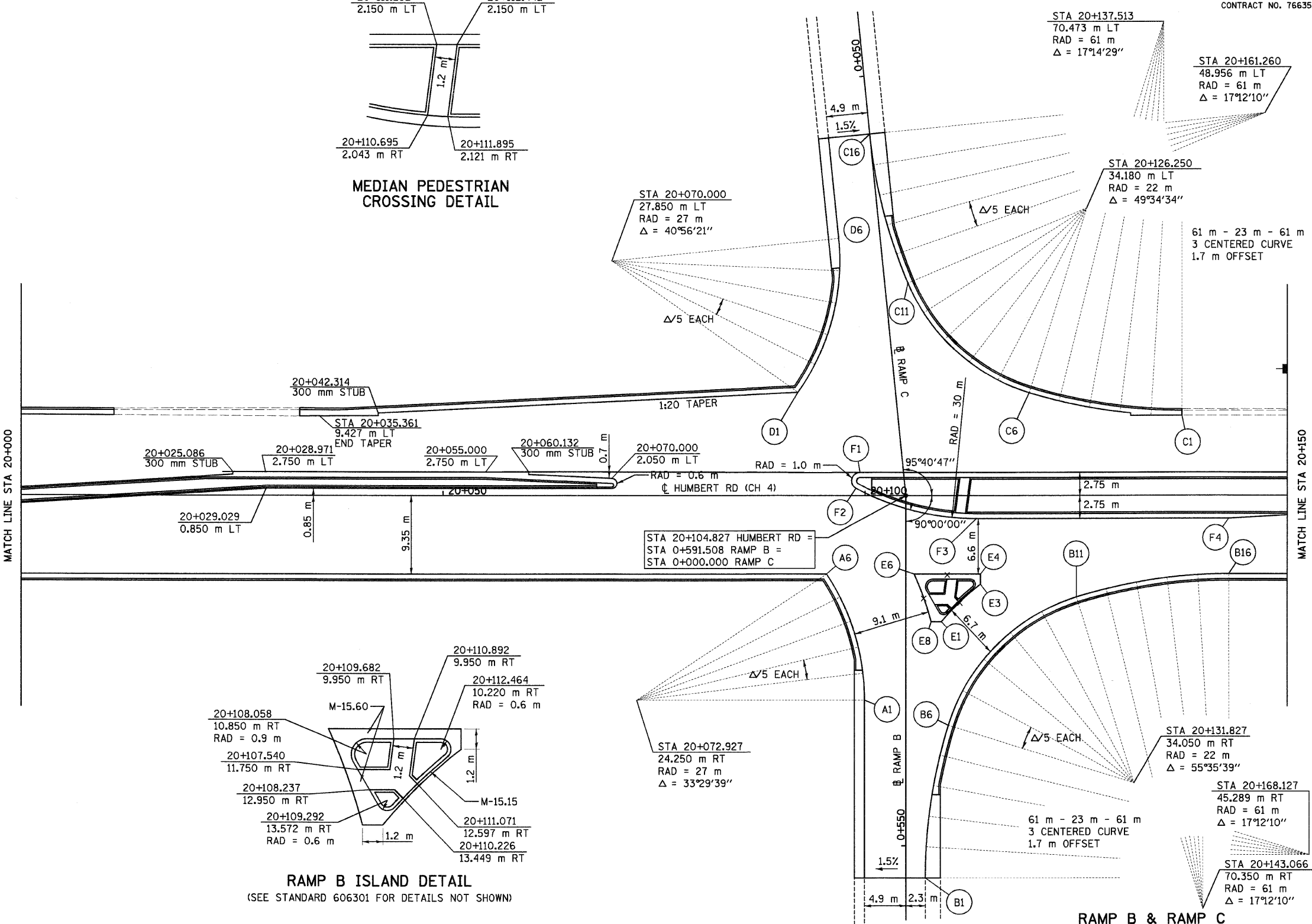
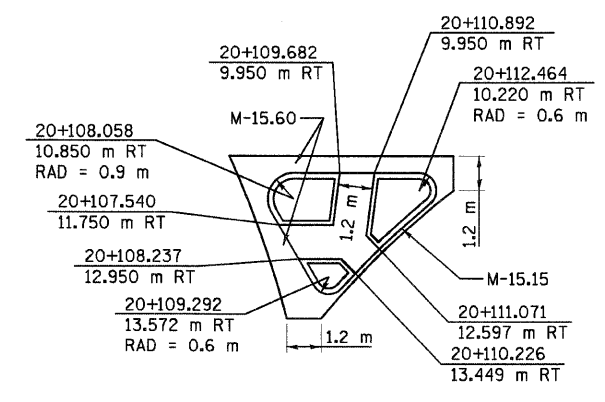
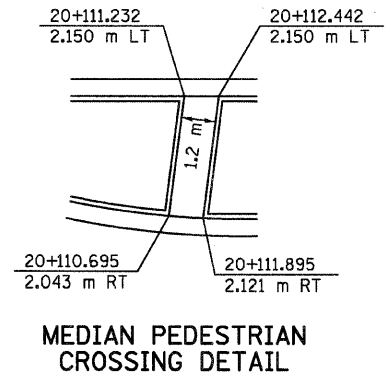
| POINT | STATION | OFFSET | ELEVATION |
|-------|------------|-----------|-----------|
| C1 | 20+137.513 | 9.474 LT | 188.434* |
| C2 | 20+133.843 | 9.584 LT | 188.423 |
| C3 | 20+130.188 | 9.914 LT | 188.408 |
| C4 | 20+126.559 | 10.465 LT | 188.389 |
| C5 | 20+122.969 | 11.232 LT | 188.364 |
| C6 | 20+119.433 | 12.214 LT | 188.333 |
| C7 | 20+115.731 | 13.727 LT | 188.300 |
| C8 | 0+015.036 | 9.052 LT | 188.275 |
| C9 | 0+018.002 | 6.369 LT | 188.265 |
| C10 | 0+021.387 | 4.240 LT | 188.255 |
| C11 | 0+025.090 | 2.729 LT | 188.280 |
| C12 | 0+028.620 | 1.751 LT | 188.340 |
| C13 | 0+032.202 | 0.988 LT | 188.415 |
| C14 | 0+035.823 | 0.440 LT | 188.510 |
| C15 | 0+039.471 | 0.110 LT | 188.592 |
| C16 | 0+043.132 | 0.000 LT | 188.689 |

| POINT | STATION | OFFSET | ELEVATION |
|-------|------------|-----------|-----------|
| D1 | 20+092.047 | 12.264 LT | 188.268 |
| D2 | 20+094.042 | 15.562 LT | 188.250 |
| D3 | 0+019.936 | 7.343 RT | 188.250 |
| D4 | 0+023.548 | 5.996 RT | 188.310 |
| D5 | 0+027.314 | 5.175 RT | 188.420 |
| D6 | 0+031.160 | 4.900 RT | 188.501 |

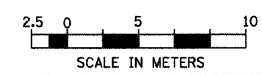
| POINT | STATION | OFFSET | ELEVATION |
|-------|------------|-----------|-----------|
| E1 | 20+109.026 | 15.018 RT | 188.342 |
| E2 | 20+111.225 | 12.658 RT | 188.362 |
| E3 | 20+113.666 | 10.550 RT | 188.385 |
| E4 | 20+113.666 | 9.350 RT | 188.407 |
| E5 | 20+109.738 | 9.350 RT | 188.397 |
| E6 | 20+105.809 | 9.350 RT | 188.388 |
| E7 | 20+106.937 | 12.142 RT | 188.384 |
| E8 | 20+107.826 | 15.018 RT | 188.381 |

| POINT | STATION | OFFSET | ELEVATION |
|-------|------------|----------|-----------|
| F1 | 20+099.392 | 2.750 LT | 188.480 |
| F2 | 20+098.916 | 0.871 LT | 188.541 |
| F3 | 20+113.204 | 2.750 RT | 188.538 |
| F4 | 20+143.066 | 2.750 RT | 188.609 |

* - MATCH EXISTING PAVEMENT ELEVATIONS



STATIONS, OFFSETS, AND ELEVATIONS ARE FOR ULTIMATE PAVING
FOR PLAN AND PROFILE OF HUMBERT ROAD SEE SHEET 37



| REVISIONS | |
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| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERSECTION DETAILS
FAP 310 (IL 255)
SECTIONS 60-15-1, 60-15HB-1
MADISON COUNTY
DRAWN BY
CHECKED BY
DATE

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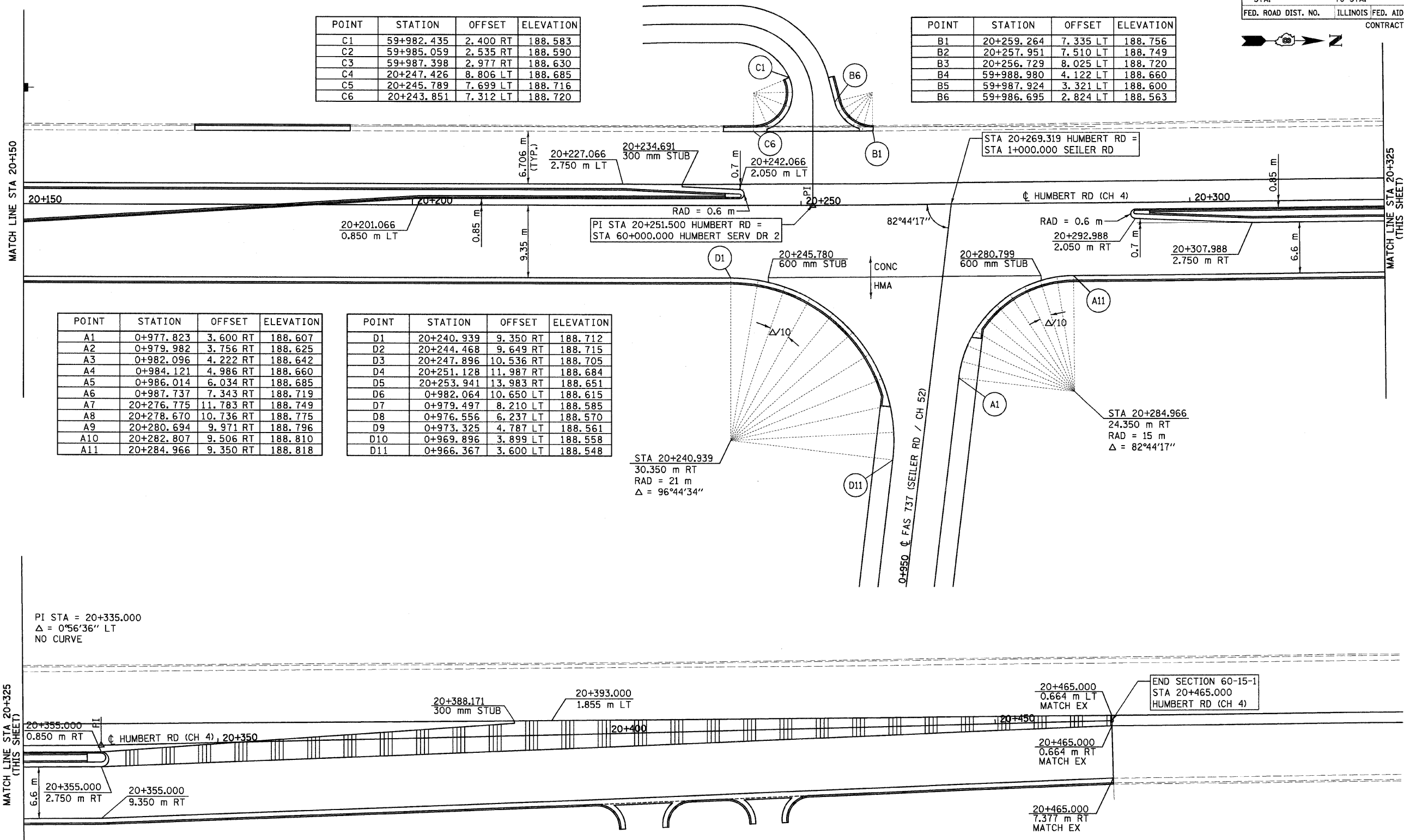
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|--------------------|---------------------------|--------------|-----------|
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 85 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76635 | | | | |

| POINT | STATION | OFFSET | ELEVATION |
|-------|------------|----------|-----------|
| C1 | 59+982.435 | 2.400 RT | 188.583 |
| C2 | 59+985.059 | 2.535 RT | 188.590 |
| C3 | 59+987.398 | 2.977 RT | 188.630 |
| C4 | 20+247.426 | 8.806 LT | 188.685 |
| C5 | 20+245.789 | 7.699 LT | 188.716 |
| C6 | 20+243.851 | 7.312 LT | 188.720 |

| POINT | STATION | OFFSET | ELEVATION |
|-------|------------|----------|-----------|
| B1 | 20+259.264 | 7.335 LT | 188.756 |
| B2 | 20+257.951 | 7.510 LT | 188.749 |
| B3 | 20+256.729 | 8.025 LT | 188.720 |
| B4 | 59+988.980 | 4.122 LT | 188.660 |
| B5 | 59+987.924 | 3.321 LT | 188.600 |
| B6 | 59+986.695 | 2.824 LT | 188.563 |

| POINT | STATION | OFFSET | ELEVATION |
|-------|------------|-----------|-----------|
| A1 | 0+977.823 | 3.600 RT | 188.607 |
| A2 | 0+979.982 | 3.756 RT | 188.625 |
| A3 | 0+982.096 | 4.222 RT | 188.642 |
| A4 | 0+984.121 | 4.986 RT | 188.660 |
| A5 | 0+986.014 | 6.034 RT | 188.685 |
| A6 | 0+987.737 | 7.343 RT | 188.719 |
| A7 | 20+276.775 | 11.783 RT | 188.749 |
| A8 | 20+278.670 | 10.736 RT | 188.775 |
| A9 | 20+280.694 | 9.971 RT | 188.796 |
| A10 | 20+282.807 | 9.506 RT | 188.810 |
| A11 | 20+284.966 | 9.350 RT | 188.818 |

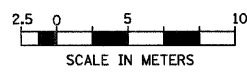
| POINT | STATION | OFFSET | ELEVATION |
|-------|------------|-----------|-----------|
| D1 | 20+240.939 | 9.350 RT | 188.712 |
| D2 | 20+244.468 | 9.649 RT | 188.715 |
| D3 | 20+247.896 | 10.536 RT | 188.705 |
| D4 | 20+251.128 | 11.987 RT | 188.684 |
| D5 | 20+253.941 | 13.983 RT | 188.651 |
| D6 | 0+982.064 | 10.650 LT | 188.615 |
| D7 | 0+979.497 | 8.210 LT | 188.585 |
| D8 | 0+976.556 | 6.237 LT | 188.570 |
| D9 | 0+973.325 | 4.787 LT | 188.561 |
| D10 | 0+969.896 | 3.899 LT | 188.558 |
| D11 | 0+966.367 | 3.600 LT | 188.548 |



PI STA = 20+335.000
 $\Delta = 0^{\circ}56'36''$ LT
 NO CURVE

END SECTION 60-15-1
 STA 20+465.000
 HUMBERT RD (CH 4)

STATIONS, OFFSETS, AND ELEVATIONS ARE FOR ULTIMATE PAVING
 FOR PLAN AND PROFILE OF HUMBERT AND SEILER ROADS SEE SHEET 39



| REVISIONS | |
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| NAME | DATE |
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SEILER ROAD

ILLINOIS DEPARTMENT OF TRANSPORTATION
 INTERSECTION DETAILS
 FAP 310 (IL 255)
 SECTIONS 60-15-1, 60-15HB-1
 MADISON COUNTY

DRAWN BY
 CHECKED BY

DATE

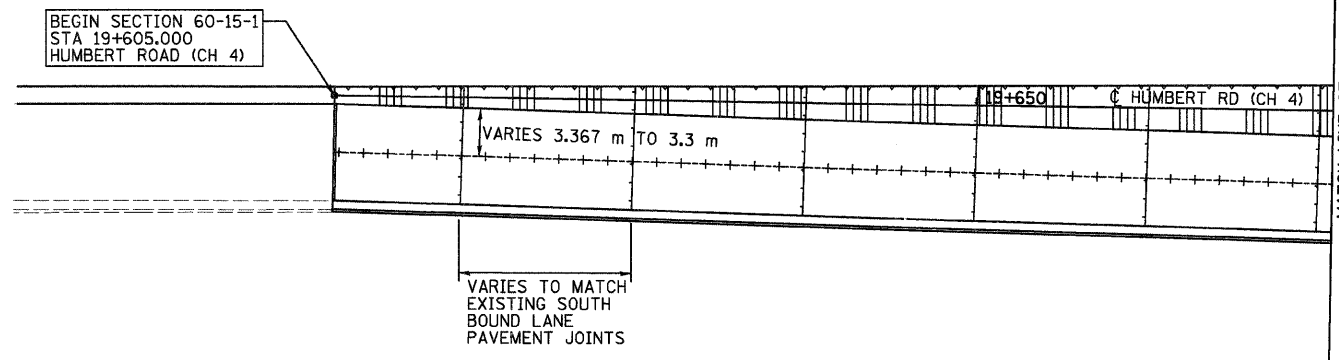
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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 86 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |
| CONTRACT NO. 76635 | | | | |

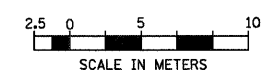
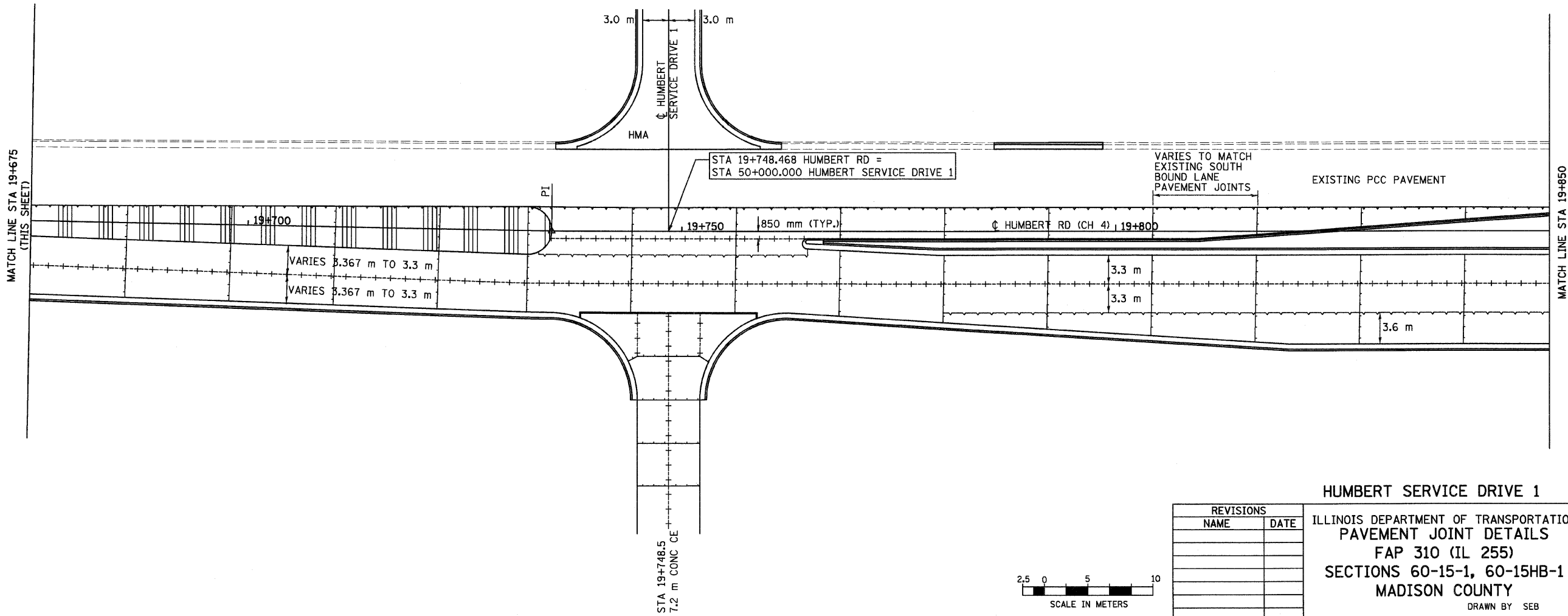


PAVEMENT JOINT LEGEND

- EXPANSION JOINT —————
 - SAWED LONGITUDINAL + + + + +
 - TIED LONGITUDINAL CONSTRUCTION - - - - -
 - SAWED CONTRACTION —————
- SEE STANDARDS 420001 & 420106 FOR DETAILS



PI STA = 19+735.000
 $\Delta = 0^{\circ}56'36''$ LT
 NO CURVE



| REVISIONS | |
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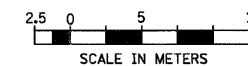
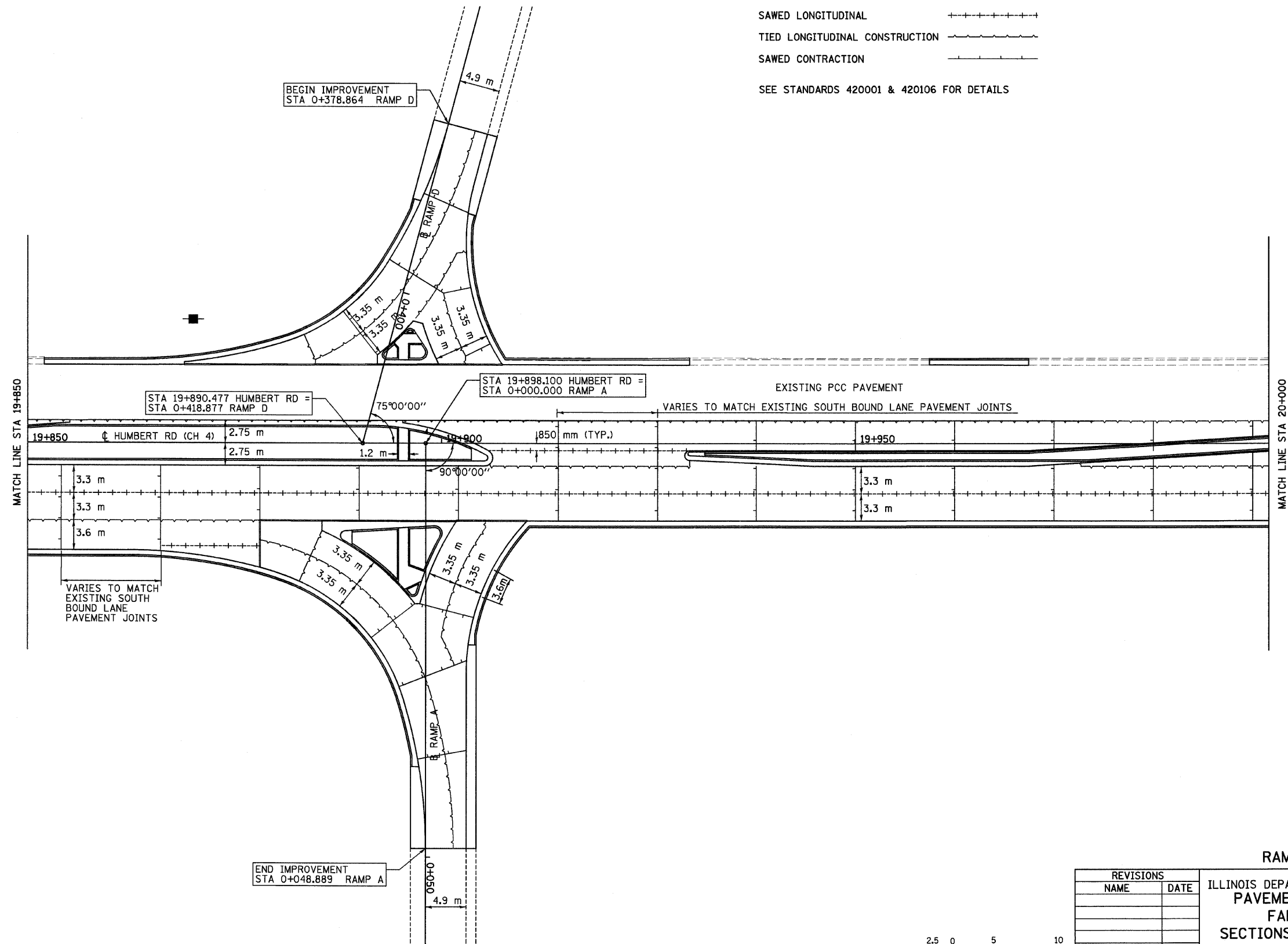
HUMBERT SERVICE DRIVE 1
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 PAVEMENT JOINT DETAILS
 FAP 310 (IL 255)
 SECTIONS 60-15-1, 60-15HB-1
 MADISON COUNTY
 DRAWN BY SEB
 CHECKED BY
 DATE SEPT 2001

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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|--------------------|---------------------------|--------------|-----------|
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 87 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76635 | | | | |

PAVEMENT JOINT LEGEND

- EXPANSION JOINT
 - SAWED LONGITUDINAL
 - TIED LONGITUDINAL CONSTRUCTION
 - SAWED CONTRACTION
- SEE STANDARDS 420001 & 420106 FOR DETAILS



| REVISIONS | |
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RAMP A & RAMP D

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT JOINT DETAILS
 FAP 310 (IL 255)
 SECTIONS 60-15-1, 60-15HB-1
 MADISON COUNTY

DRAWN BY SEB
 CHECKED BY

DATE SEPT 2001

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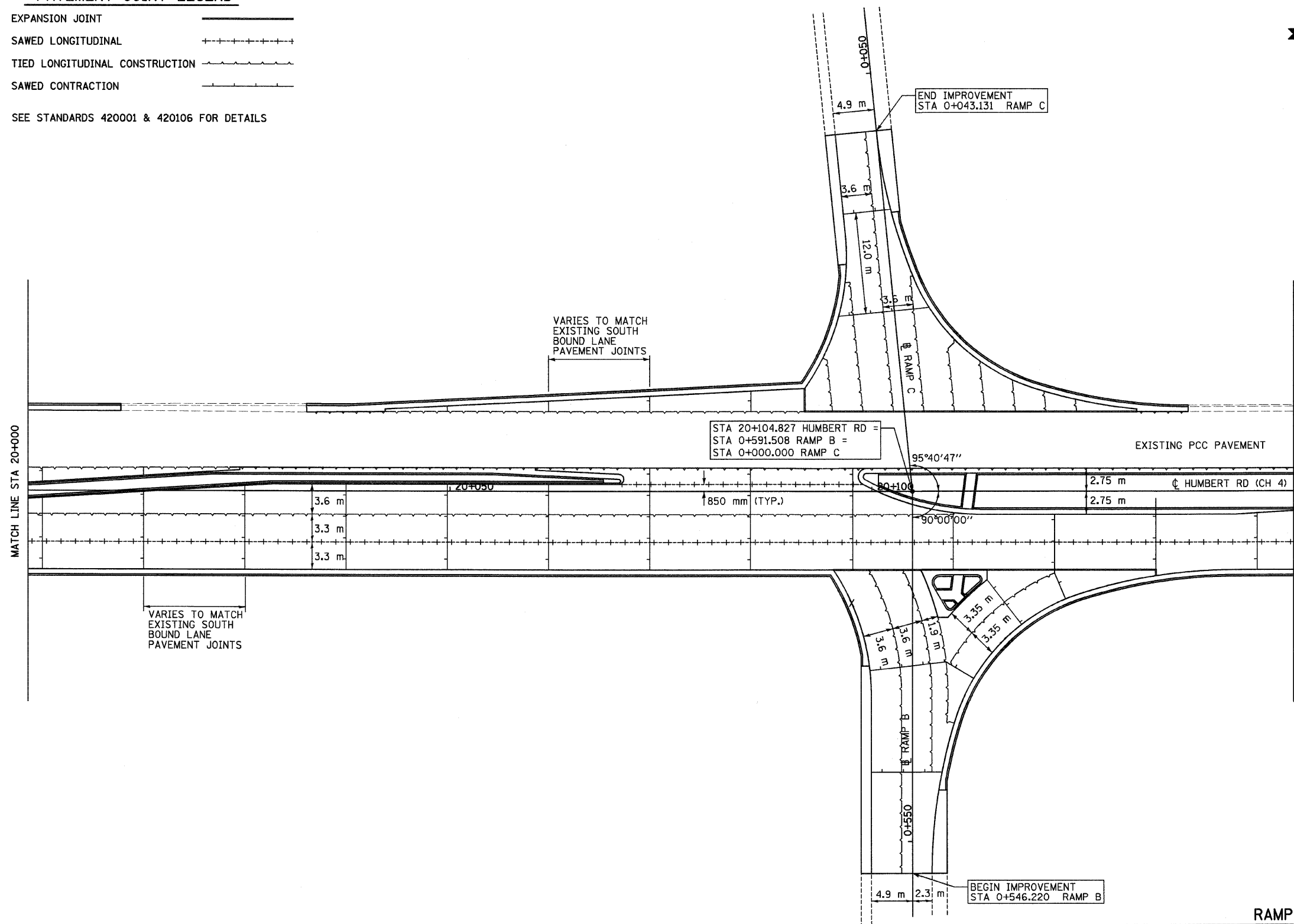
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|--------------------|---------------------------|--------------|-----------|
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 88 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76635 | | | | |



PAVEMENT JOINT LEGEND

- EXPANSION JOINT —————
- SAWED LONGITUDINAL + + + + +
- TIED LONGITUDINAL CONSTRUCTION - - - - -
- SAWED CONTRACTION - - - - -

SEE STANDARDS 420001 & 420106 FOR DETAILS



STA 20+104.827 HUMBERT RD =
 STA 0+591.508 RAMP B =
 STA 0+000.000 RAMP C

END IMPROVEMENT
 STA 0+043.131 RAMP C

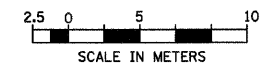
BEGIN IMPROVEMENT
 STA 0+546.220 RAMP B

VARIES TO MATCH
 EXISTING SOUTH
 BOUND LANE
 PAVEMENT JOINTS

VARIES TO MATCH
 EXISTING SOUTH
 BOUND LANE
 PAVEMENT JOINTS

EXISTING PCC PAVEMENT

☉ HUMBERT RD (CH 4)



| REVISIONS | |
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RAMP B & RAMP C
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 PAVEMENT JOINT DETAILS
 FAP 310 (IL 255)
 SECTIONS 60-15-1, 60-15HB-1
 MADISON COUNTY
 DRAWN BY SEB
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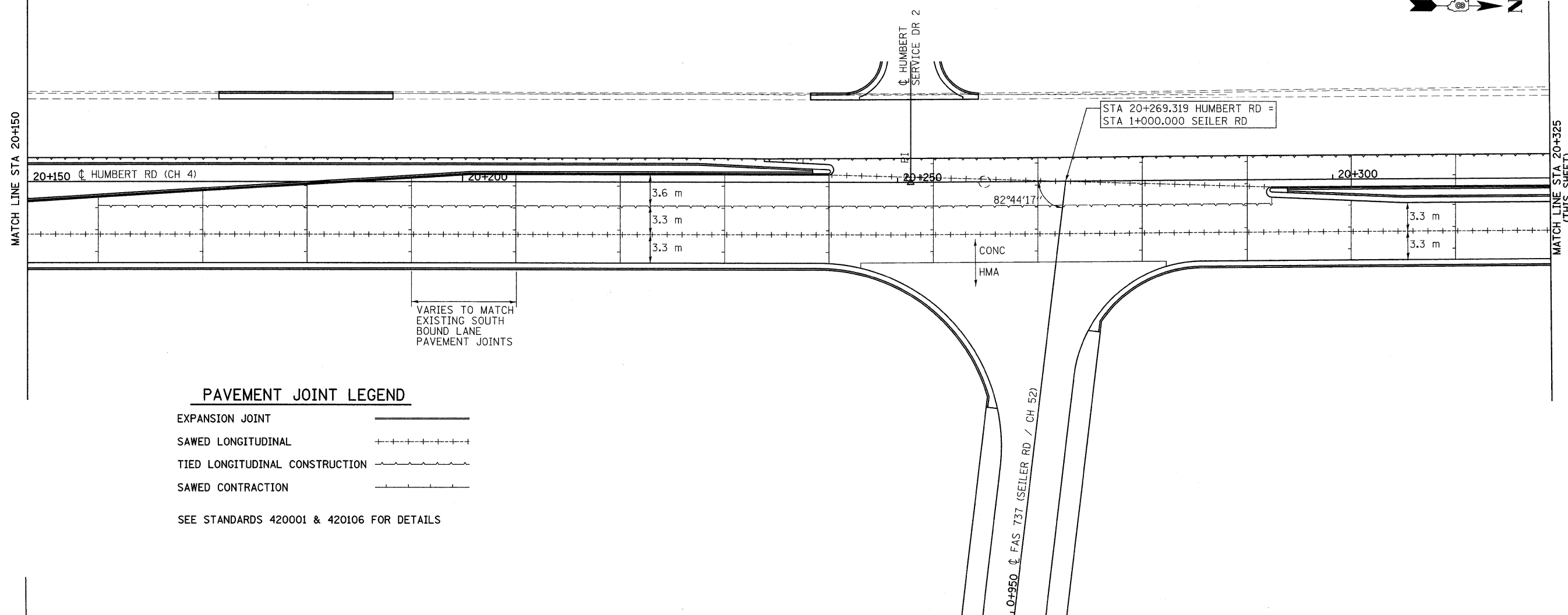
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|--------------------|----------|------------------|-----------|
| 310 | 60-15-1, 60-15HB-1 | MADISON | | 89 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS | FED. AID PROJECT | |

PI STA = 20+251.500
 $\Delta = 0^{\circ}31'08''$ LT
 NO CURVE



MATCH LINE STA 20+150

MATCH LINE STA 20+325
(THIS SHEET)



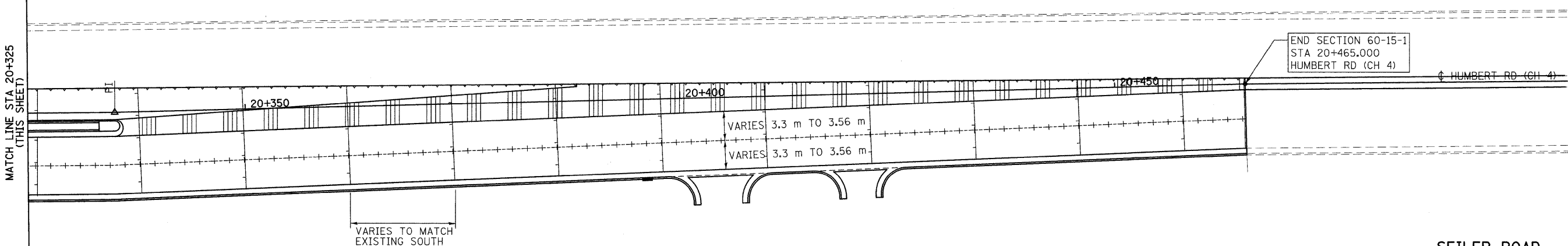
PAVEMENT JOINT LEGEND

- EXPANSION JOINT
 - SAWED LONGITUDINAL
 - TIED LONGITUDINAL CONSTRUCTION
 - SAWED CONTRACTION
- SEE STANDARDS 420001 & 420106 FOR DETAILS

PI STA = 20+335.000
 $\Delta = 0^{\circ}56'36''$ LT
 NO CURVE

MATCH LINE STA 20+325
(THIS SHEET)

END SECTION 60-15-1
 STA 20+465.000
 HUMBERT RD (CH 4)

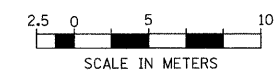


SEILER ROAD

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PAVEMENT JOINT DETAILS
 FAP 310 (IL 255)
 SECTIONS 60-15-1, 60-15HB-1
 MADISON COUNTY

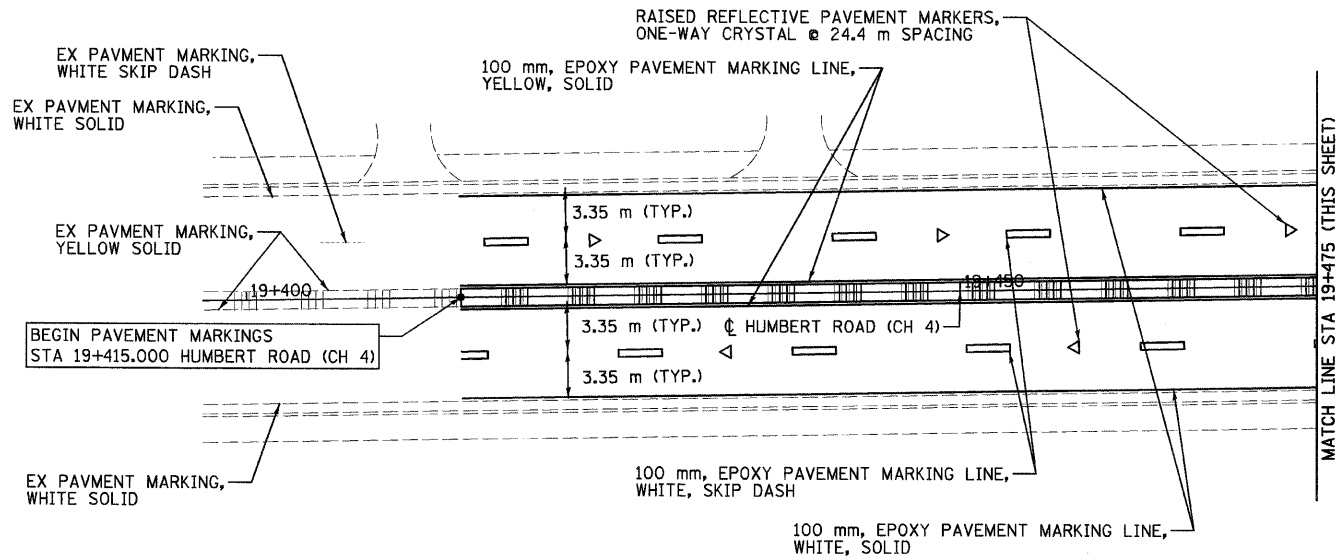
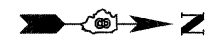
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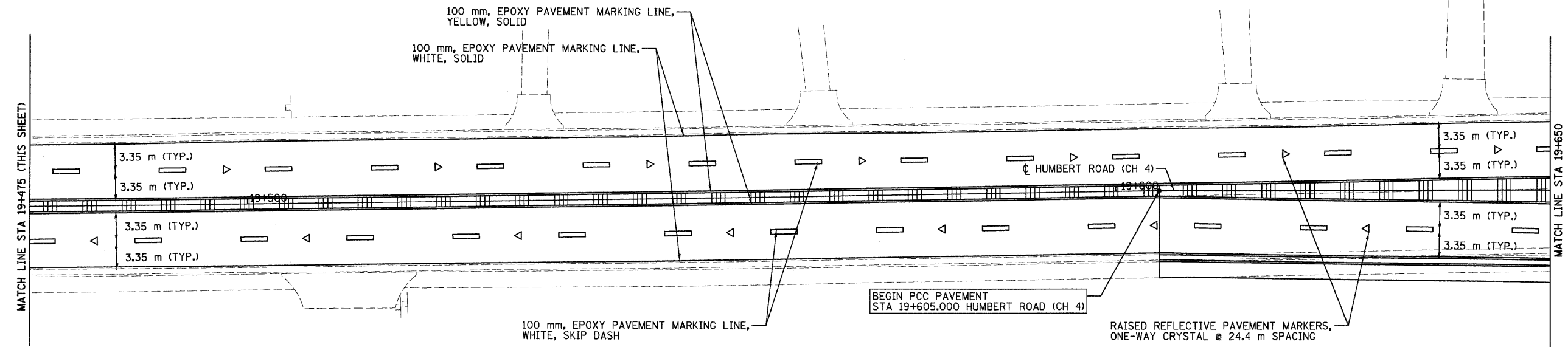


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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 90 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76635 | | | | |

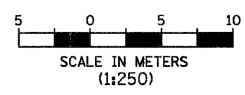


REMOVE EX PAVMENT MARKINGS, YELLOW SOLID FOR STAGE CONSTRUCTION 19+415.0 TO 19+605.0 NB & SB LANES MEDIAN



LEGEND

- ▷ ONE-WAY CRYSTAL RAISED REFLECTIVE PAVEMENT MARKER
- STA ← EPOXY PAVEMENT MARKING, WHITE, LEFT TURN ARROW (LARGE SIZE)
- STA → EPOXY PAVEMENT MARKING WHITE, RIGHT TURN ARROW (LARGE SIZE)



| REVISIONS | |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKINGS
 FAP 310 (IL 255)
 SECTIONS 60-15-1, 60-15HB-1
 MADISON COUNTY
 DRAWN BY
 CHECKED BY
 DATE

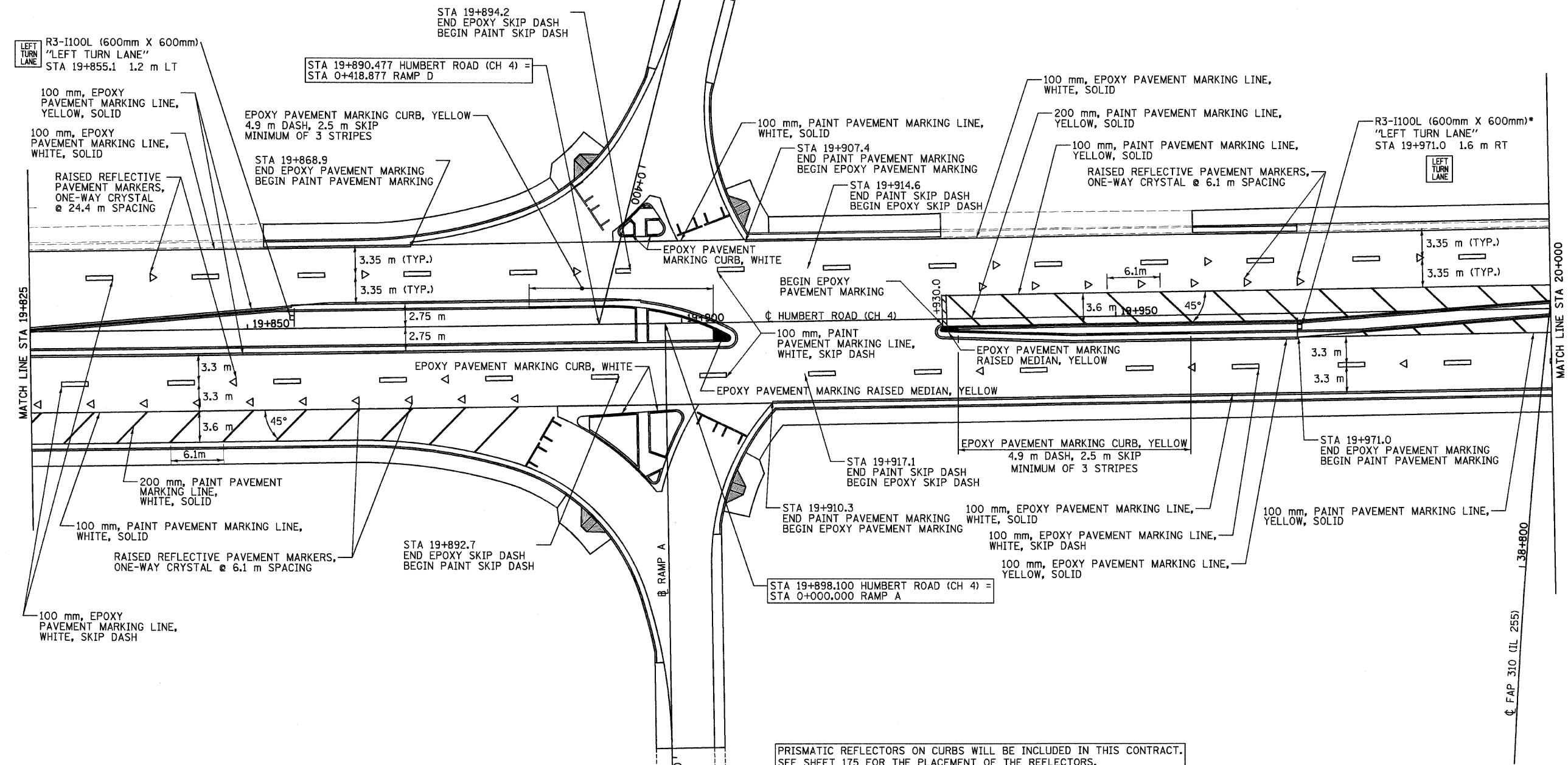
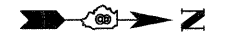
HUMBERT ROAD STA 19+605 TO STA 19+650

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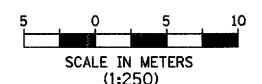
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|--------------------|---------------------------|--------------|-----------|
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 92 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76635 | | | | |

LEGEND

- ▷ ONE-WAY CRYSTAL RAISED REFLECTIVE PAVEMENT MARKER
- TT TYPE III BARRICADE (WITH ONE R11-2-4830 "ROAD CLOSED" PER LOCATION)
- STA ↶ EPOXY PAVEMENT MARKING, WHITE, LEFT TURN ARROW (LARGE SIZE)
- STA ↷ EPOXY PAVEMENT MARKING, WHITE, RIGHT TURN ARROW (LARGE SIZE)
- ==== 600 mm, EPOXY PAVEMENT MARKING LINE, WHITE, SOLID
- - COVER OR TURN AWAY FROM ONCOMING TRAFFIC



PRISMATIC REFLECTORS ON CURBS WILL BE INCLUDED IN THIS CONTRACT. SEE SHEET 175 FOR THE PLACEMENT OF THE REFLECTORS.



| REVISIONS | |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKINGS
 FAP 310 (IL 255)
 SECTIONS 60-15-1, 60-15HB-1
 MADISON COUNTY

DATE _____ DRAWN BY _____
 CHECKED BY _____

HUMBERT ROAD STA 19+825 TO STA 20+000

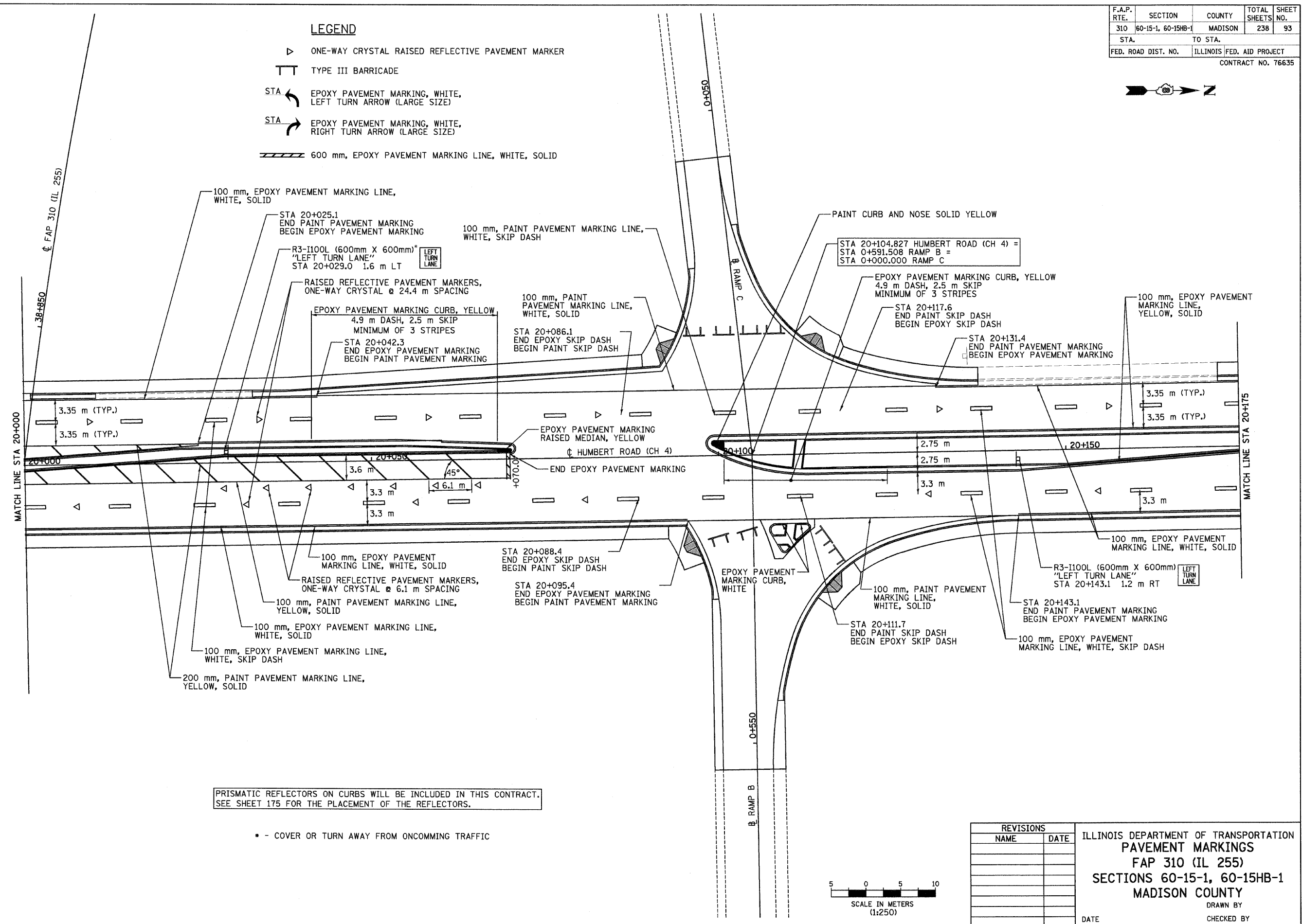
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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 93 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76635 | | | | |



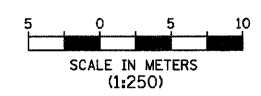
LEGEND

- ▷ ONE-WAY CRYSTAL RAISED REFLECTIVE PAVEMENT MARKER
- ⌌ TYPE III BARRICADE
- STA ↶ EPOXY PAVEMENT MARKING, WHITE, LEFT TURN ARROW (LARGE SIZE)
- STA ↷ EPOXY PAVEMENT MARKING, WHITE, RIGHT TURN ARROW (LARGE SIZE)
- ▬▬▬ 600 mm, EPOXY PAVEMENT MARKING LINE, WHITE, SOLID



PRISMATIC REFLECTORS ON CURBS WILL BE INCLUDED IN THIS CONTRACT. SEE SHEET 175 FOR THE PLACEMENT OF THE REFLECTORS.

• - COVER OR TURN AWAY FROM ONCOMING TRAFFIC



| REVISIONS | |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
 PAVEMENT MARKINGS
 FAP 310 (IL 255)
 SECTIONS 60-15-1, 60-15HB-1
 MADISON COUNTY
 DRAWN BY
 CHECKED BY
 DATE

HUMBERT ROAD STA 20+000 TO STA 20+175

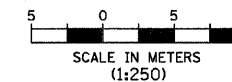
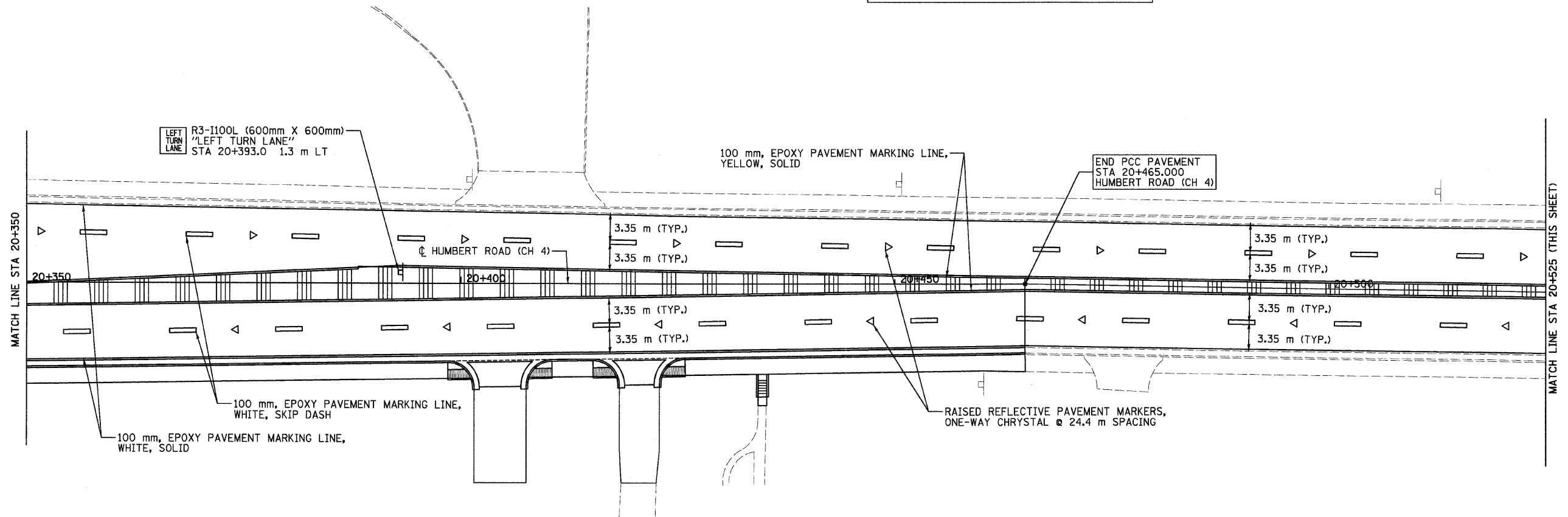
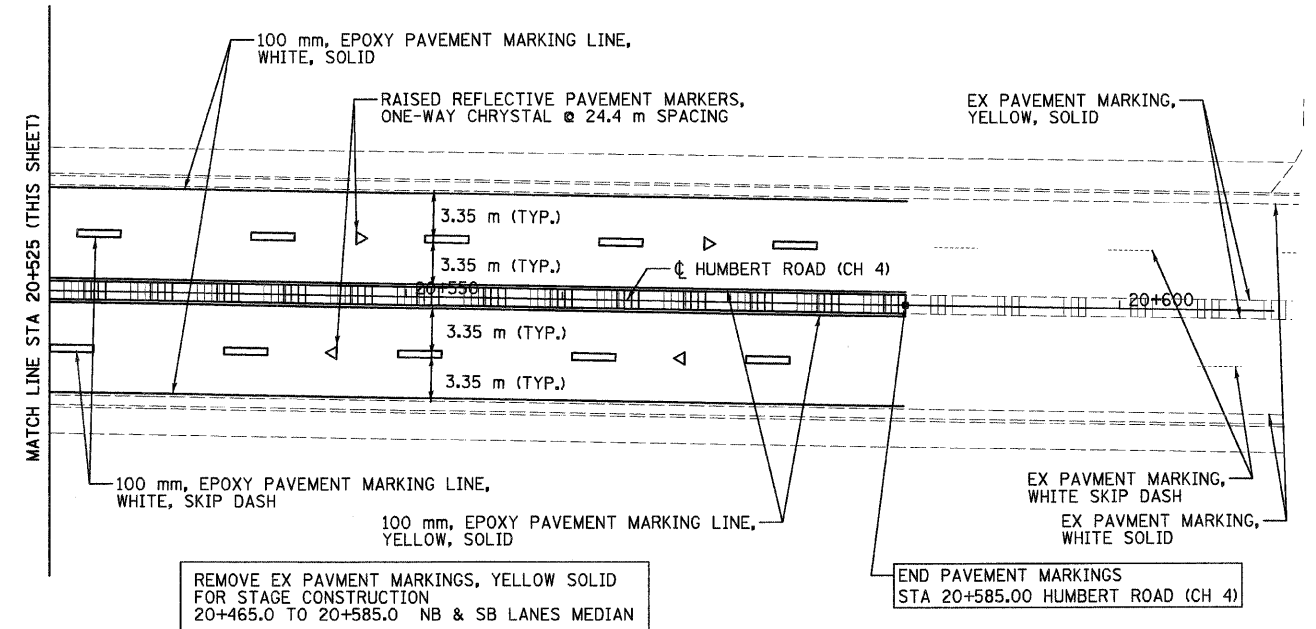
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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 95 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76635 | | | | |



LEGEND

- ▷ ONE-WAY CRYSTAL RAISED REFLECTIVE PAVEMENT MARKER
- STA ← EPOXY PAVEMENT MARKING, WHITE, LEFT TURN ARROW (LARGE SIZE)
- STA → EPOXY PAVEMENT MARKING WHITE, RIGHT TURN ARROW (LARGE SIZE)



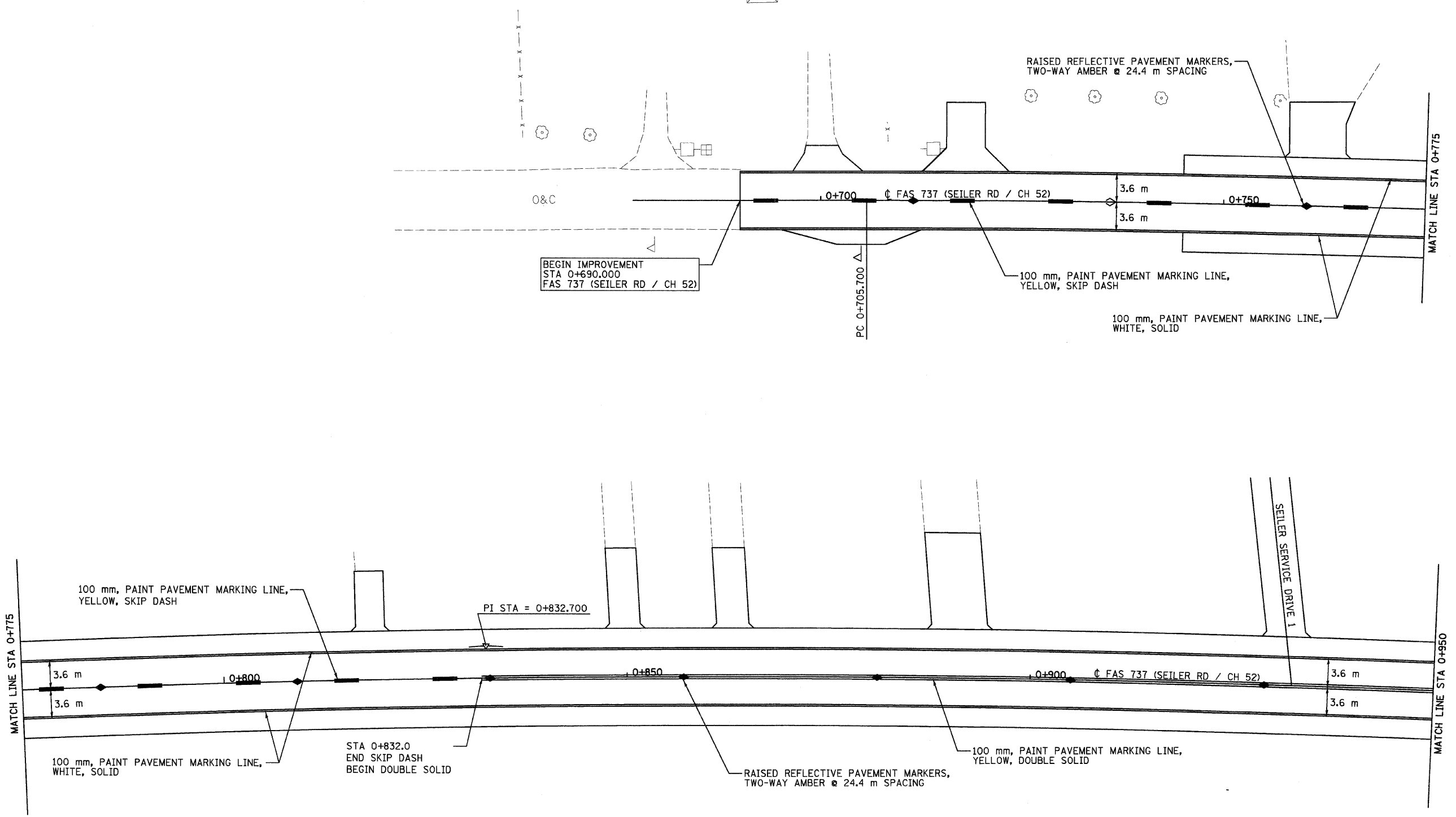
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ILLINOIS DEPARTMENT OF TRANSPORTATION
 PAVEMENT MARKINGS
 FAP 310 (IL 255)
 SECTIONS 60-15-1, 60-15HB-1
 MADISON COUNTY
 DRAWN BY
 CHECKED BY
 DATE

HUMBERT ROAD STA 20+350 TO STA 20+465

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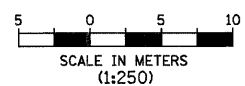
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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 96 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76635 | | | | |



BEGIN IMPROVEMENT
STA 0+690.000
FAS 737 (SEILER RD / CH 52)

PI STA = 0+832.700

FAS 737 CURVE DATA
PI STA = 0+832.700
 $\Delta = 7^\circ 16' 01''$ RT
R = 2000 m
T = 127.000 m
L = 253.659 m
E = 4.028 m
e = NONE
PC STA = 0+705.700
PT STA = 0+959.359



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ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKINGS
FAP 310 (IL 255)
SECTIONS 60-15-1, 60-15HB-1
MADISON COUNTY
DRAWN BY
CHECKED BY
DATE

SEILER ROAD STA 0+705 TO STA 0+775

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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 97 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76635 | | | | |

ELECTRICAL GENERAL NOTES

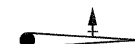





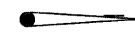







1. ALL VEHICLE AND PEDESTRIAN SIGNAL HEADS SHALL HAVE 12" SECTIONS. MOUNTING HARDWARE SHALL BE UNPAINTED ALUMINUM. ALL BOLTS, SCREWS, NUTS, AND WASHERS SHALL BE STAINLESS STEEL. ANTI-SEIZE PASTE COMPOUND SHALL BE USED ON ALL MOUNTING HARDWARE FIELD CONNECTIONS
2. BACKPLATES SHALL BE ABS PLASTIC
3. THE CONTROLLER CABINET SHALL BE UNPAINTED ALUMINUM.
4. THE LOCATION OF MAST ARM SUPPORTS SHALL BE APPROVED BY THE ENGINEER BEFORE FOUNDATIONS ARE CONSTRUCTED. MAST ARM POLES SHALL BE LOCATED A MINIMUM OF 3.0 m FROM THE EDGE OF PAVEMENT OR 610 mm FROM THE EDGE OF SHOULDER, WHICHEVER DISTANCE IS GREATER. IN CURBED SECTIONS, THE MAST ARM POLES SHALL BE LOCATED A MINIMUM OF 1.5 m FROM THE FACE OF THE CURB. THESE DISTANCES ARE TO THE NEAR FACE OF THE MAST ARM POLE.
5. ALL TRAFFIC SIGNAL CABLES SHALL BE #14 AWG STRANDED COPPER UNLESS OTHERWISE SPECIFIED. TERMINAL ENDS SHALL HAVE CRIMPED-ON RING TONGUE CONNECTORS.
6. ALL HANDHOLES SHALL BE CAST-IN-PLACE PORTLAND CEMENT CONCRETE (PER ARTICLE 814.03(c)). THE CAST IN PLACE LEGEND IN THE COVER SHALL BE "TRAFFIC SIGNALS". SLOPE HANDHOLE COVERS TO MATCH PROPOSED GRADE ELEVATIONS.
7. LOCATE UNDERGROUND CABLES PRIOR TO ATTEMPTING TO CONSTRUCT THIS PROJECT.
8. AN UNDERGROUND "CABLE MARKING TAPE" SHALL BE INSTALLED WITH ALL TRENCH & BACKFILL FOR ELECTRICAL WORK IN ACCORDANCE WITH THE ARTICLES 819.05 & 1066.05 OF THE STANDARD SPECIFICATIONS
9. PEDESTRIAN PUSHBUTTON SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 888 OF THE STANDARD SPECIFICATIONS EXCEPT AS FOLLOWS:
ARTICLE 888.03 SHALL BE REVISED TO READ AS FOLLOWS:
THE PEDESTRIAN PUSH BUTTONS SHALL BE MOUNTED APPROXIMATELY 760 mm (30 in) ABOVE THE HANDICAPPED RAMP LEVEL.
10. THE PUSHBUTTON SIGN SHALL BE A R10-4b, 229 mm X 254 mm.
11. ESTIMATED DEPTHS OF THE CONCRETE FOUNDATIONS FOR THE MAST ARM SUPPORT POLES ARE AS FOLLOWS:

| | |
|-------------|-------------|
| RAMPS A & D | RAMPS B & C |
|-------------|-------------|

| | |
|-----------------------|-----------------------|
| NE CORNER: 2.7 m DEEP | NE CORNER: 4.6 m DEEP |
| SW CORNER: 4.6 m DEEP | SW CORNER: 3.7 m DEEP |

FINAL DEPTHS WILL BE DETERMINED BY THE DEPARTMENT FROM THE SOIL BORING DATA.

TRAFFIC SIGNALS LEGEND

-  PROPOSED SIGNAL HEAD WITH BACKPLATE, MAST ARM MOUNTED
-  PROPOSED HANDHOLE
-  PROPOSED DOUBLE HANDHOLE
-  PROPOSED HEAVY DUTY HANDHOLE
-  PROPOSED CONTROLLER
-  PROPOSED PEDESTRIAN PUSHBUTTON DETECTOR
-  PROPOSED CONDUIT: "T" TRENCH, "P" PUSH, SIZE SPECIFIED
-  PROPOSED STREET NAME SIGN/TRAFFIC SIGN
-  PROPOSED SERVICE INSTALLATION
-  PROPOSED SIGNAL POST
-  PROPOSED SIGNAL POST WITH BACKPLATE
-  PROPOSED GULFBOX JUNCTION
-  PROPOSED VIDEO CAMERA
-  PROPOSED SIGNAL HEAD, PEDESTRIAN

| REVISIONS | |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
ELECTRICAL NOTES & LEGEND
FAP 310 (IL 255)
SECTIONS 60-15-1, 60-15HB-1
MADISON COUNTY

DRAWN BY
CHECKED BY

DATE

| | | | | |
|---------------------|--------------------|---------------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 98 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76635 | | | | |

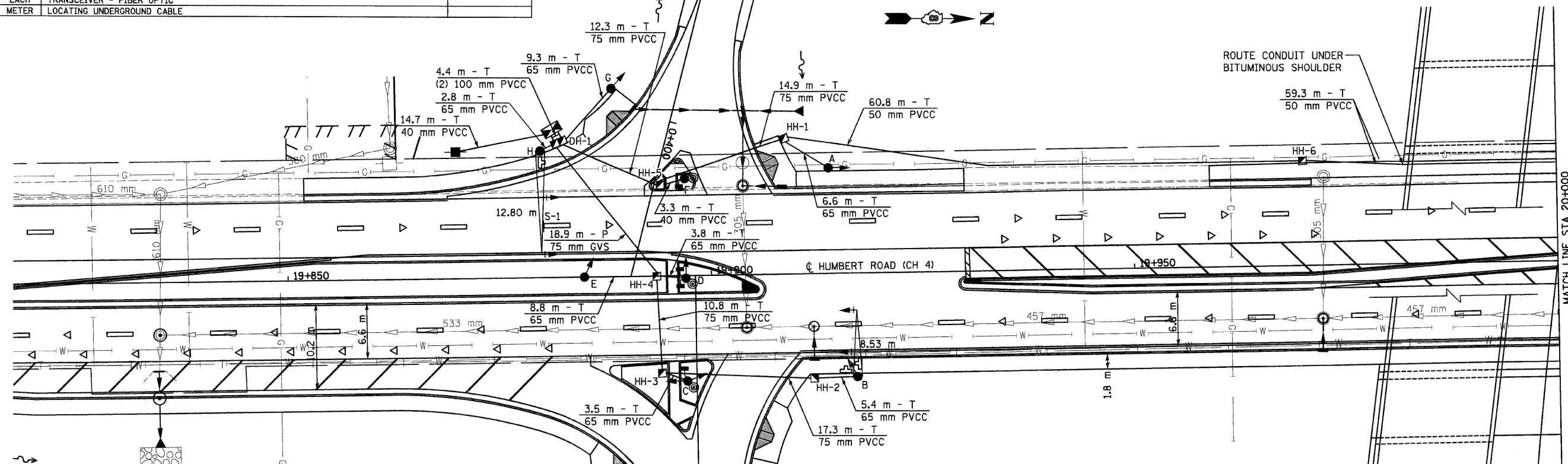
| TRAFFIC SIGNAL QUANTITIES - RAMPS A & D INTERSECTION | | | |
|--|-------|--|------------------|
| QTY | UNIT | ITEM | LOCATION |
| 6 | EACH | HANDHOLE, PORTLAND CEMENT CONCRETE | |
| 1 | EACH | DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE | |
| 4 | EACH | TRAFFIC SIGNAL BACKPLATE | B, H |
| 3 | EACH | PEDESTRIAN PUSH-BUTTON | C, D, F |
| 1 | EACH | TRAFFIC SIGNAL POST, 3.35 METER | F |
| 2 | EACH | TRAFFIC SIGNAL POST, 3.95 METER | A, D |
| 3 | EACH | TRAFFIC SIGNAL POST, 4.55 METER | C, E, G |
| 1 | EACH | STEEL MAST ARM ASSEMBLY AND POLE 8.53 METER | B |
| 1 | EACH | STEEL MAST ARM ASSEMBLY AND POLE 12.80 METER | H |
| 5.4 | METER | CONCRETE FOUNDATION, TYPE A | A, C, D, E, F, G |
| 0.9 | METER | CONCRETE FOUNDATION, TYPE D | CONTROLLER |
| 7.3 | METER | CONCRETE FOUNDATION, TYPE E 750MM DIAMETER | B, H |
| 2 | EACH | PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED | C, F |
| 3 | EACH | SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED | A, B, D |
| 3 | EACH | SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED | B, H |
| 2 | EACH | SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED | E, G |
| 1 | EACH | SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED | H |
| 1 | EACH | PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED | D |
| 1 | EACH | SIGNAL HEAD, POLYCARBONATE, LED, 2 FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED | C |
| 1 | EACH | SERVICE INSTALLATION (SPECIAL) | |
| 1 | EACH | FULL-ACTUATED CONTROLLER AND TYPE V CABINET, SPECIAL | |
| 1 | EACH | MASTER CONTROLLER | |
| 1 | EACH | TRANSCIVER - FIBER OPTIC | |
| 61 | METER | LOCATING UNDERGROUND CABLE | |



S-1
(ON MAST ARM H)
R10-12 (600 mm x 760 mm)
NOT TO SCALE



(LOCATIONS C, D, F)
R10-4 (240 mm x 300 mm)
SEE STANDARD 878001
NOT TO SCALE

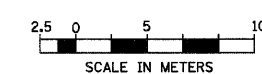


| CONDUIT LOCATION SUMMARY | | | | | | | |
|--------------------------|--------------|--------------|--------------|--------------|-------------|---------------|-------------------|
| LOCATION | 40 mm T-PVCC | 50 mm T-PVCC | 65 mm T-PVCC | 75 mm T-PVCC | 75 mm P-GVS | 100 mm T-PVCC | TRENCH & BACKFILL |
| SIGNAL "A" to HH-1 | | | 6.6 | | | | 6.6 |
| HH-1 to HH-5 | | | | 14.9 | | | 14.9 |
| MAST ARM "B" to HH-2 | | | 5.4 | | | | 5.4 |
| HH-2 to HH-3 | | | | 17.3 | | | 17.3 |
| SIGNAL "C" to HH-3 | | | 3.5 | | | | 3.5 |
| HH-3 to HH-4 | | | | 10.8 | | | 10.8 |
| SIGNAL "D" to HH-4 | | | 3.8 | | | | 3.8 |
| SIGNAL "E" to HH-4 | | | 8.8 | | | | 8.8 |
| HH-4 to DH-1 | | | | | 18.9 | | 18.9 |
| SIGNAL "F" to HH-5 | 3.3 | | | | | | 3.3 |
| HH-5 to DH-1 | | | | 12.3 | | | 12.3 |
| SIGNAL "G" to DH-1 | | | 9.3 | | | | 9.3 |
| MAST ARM "H" to DH-1 | | | 2.8 | | | | 2.8 |
| DH-1 to CONTROLLER | | | | | 4.4 | | 4.4 |
| SERVICE TO CONTROLLER | 14.7 | | | | | | 14.7 |
| HH-1 to HH-6 | | 60.8 | | | | | 60.8 |
| HH-6 to 20+030 | | 59.3 | | | | | 59.3 |
| TOTAL | 18.0 | 120.1 | 40.2 | 55.3 | 18.9 | 4.4 | 238.0 |

| STRUCTURE LOCATION | | |
|--------------------|----------|---------|
| ITEM | LOCATION | |
| CONTROLLER | 19+881.4 | 17.5 LT |
| SERVICE | 19+870.0 | 15.0 LT |
| A | 19+914.0 | 12.5 LT |
| B | 19+917.1 | 12.3 RT |
| C | 19+897.0 | 12.5 RT |
| D | 19+897.0 | 0.3 RT |
| E | 19+885.0 | 0.0 RT |
| F | 19+897.0 | 11.5 LT |
| G | 19+888.5 | 22.3 LT |
| H | 19+880.0 | 15.0 LT |
| HH-1 | 19+908.8 | 16.1 LT |
| HH-2 | 19+912.0 | 12.4 RT |
| HH-3 | 19+894.0 | 11.5 RT |
| HH-4 | 19+894.0 | 0.0 RT |
| HH-5 | 19+894.1 | 10.8 LT |
| HH-6 | 19+970.0 | 12.5 LT |
| DH-1 | 19+882.2 | 16.0 LT |

| CABLE LOCATION SUMMARY | | | | | | | |
|------------------------|-------------|--------------|--------------|--------------|--------------|--------------|----------------|
| ITEM TO CONTROLLER | #6 2/C | #14 2/C | #14 3/C | #14 5/C | #14 7/C | #18 6PR | FO 62.5/125 4F |
| SERVICE | 17.7 | | | | | | |
| POST A | | | | 50.4 | | | |
| MAST ARM B | | | | 231.2 | | 172.2 | |
| POST C | | 48.1 | 50.1 | 50.1 | 50.1 | | |
| POST D | | 34.9 | 73.8 | 36.9 | | | |
| POST E | | | | | 42.0 | | |
| POST F | | 27.5 | 29.5 | | | | |
| POST G | | | | | 20.3 | | |
| MAST ARM H | | | | 21.2 | 27.9 | 21.7 | |
| RAMPS B & C CONTROLLER | | | | | | | 249.4 |
| TOTAL | 17.7 | 110.5 | 153.4 | 389.8 | 140.3 | 193.9 | 249.4 |

| REVISIONS | |
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| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SIGNAL PLAN
FAP 310 (IL 255)
SECTIONS 60-15-1, 60-15HB-1
MADISON COUNTY

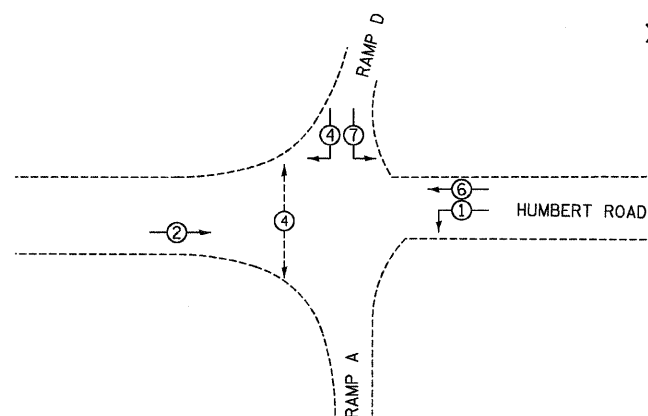
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CHECKED BY _____
HUMBERT ROAD AND RAMPS A & D INTERSECTION

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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15-1, 60-15HB-1 | MADISON | 238 | 99 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |
| CONTRACT NO. 76635 | | | | |

CABLE DIAGRAM LEGEND

- ELECTRIC CABLE IN CONDUIT
- 5/C INDICATES NUMBER OF CONDUCTORS IN CABLE
- SERVICE INSTALLATION
- #6 INDICATES AMERICAN WIRE GAUGE (AWG) SIZE 6 CONDUCTORS (SEE GENERAL NOTES)
- ⊙ PROPOSED PEDESTRIAN PUSH BUTTON
- ⊙ PROPOSED PEDESTRIAN SIGNAL HEAD
- ⊕ VIDEO CAMERA

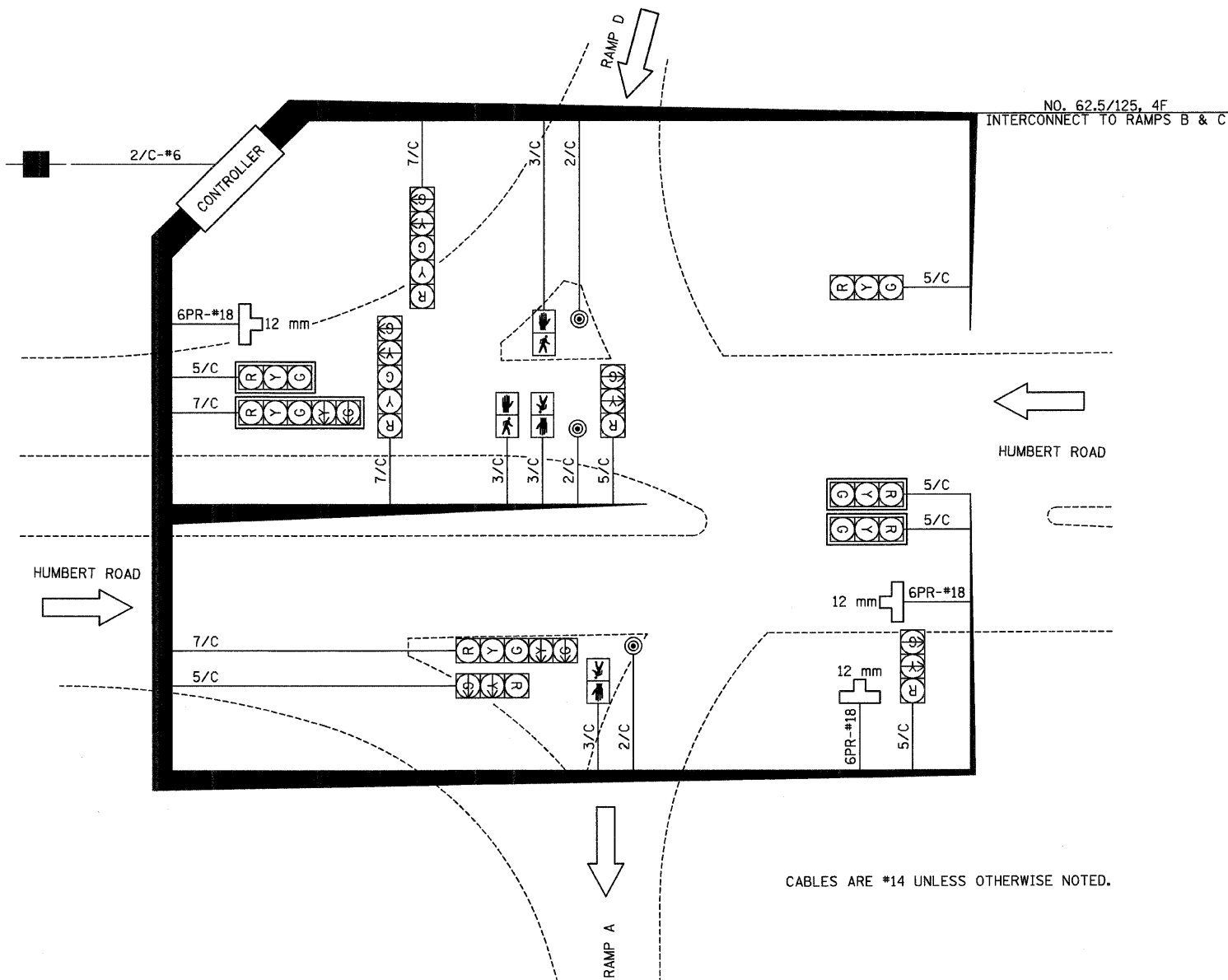


PHASE DESIGNATION DIAGRAM

FULL-ACTUATED CONTROLLER SEQUENCE
8 PHASES, IN TYPE IV CABINET

| PROPOSED SEQUENCE OF OPERATION | | | | | | | | |
|--------------------------------|---|---|----------|---|----------|--------|---|----------|
| PHASE Ø | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| MOVEMENT | ↙ | → | — | ↕ | — | ← | ↘ | — |
| CONCURRENT MOVEMENT PERMITTED | 6 | 6 | NOT USED | 7 | NOT USED | 1 OR 2 | 4 | NOT USED |

• - PEDESTRIAN INTERVALS SHALL BE PUSHBUTTON ACTIVATED



CABLES ARE #14 UNLESS OTHERWISE NOTED.

LUMINARE LEGEND

- A. LUMINARE, SODIUM VAPOR, MULTI-MOUNT 250 WATT, 2 EACH MOUNTED ON 2-WAY BULLHORN, POST TOP MOUNT
- B. LUMINARE, SODIUM VAPOR, MULTI-MOUNT 250 WATT, 2 EACH MOUNTED ON 2-WAY BULLHORN, POST TOP MOUNT

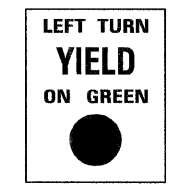
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ILLINOIS DEPARTMENT OF TRANSPORTATION
CABLE DIAGRAM
 FAP 310 (IL 255)
 SECTIONS 60-15-1, 60-15HB-1
 MADISON COUNTY
 DRAWN BY
 CHECKED BY

DATE
 HUMBERT ROAD AND RAMPS A & D INTERSECTION

| TRAFFIC SIGNAL QUANTITIES - RAMPS B & C INTERSECTION | | | |
|--|-------|--|------------------|
| QTY | UNIT | ITEM | LOCATION |
| 6 | EACH | TRAFFIC SIGNAL BACKPLATE | |
| 1 | EACH | HANDHOLE, PORTLAND CEMENT CONCRETE | |
| 4 | EACH | DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE | D, G |
| 3 | EACH | PEDESTRIAN PUSH-BUTTON | B, E, H |
| 2 | EACH | TRAFFIC SIGNAL POST, 3.35 METER | E, H |
| 2 | EACH | TRAFFIC SIGNAL POST, 3.95 METER | A, B |
| 2 | EACH | TRAFFIC SIGNAL POST, 4.55 METER | C, F |
| 1 | EACH | STEEL MAST ARM ASSEMBLY AND POLE 10.97 METER | G |
| 1 | EACH | STEEL MAST ARM ASSEMBLY AND POLE 14.02 METER | D |
| 5.4 | METER | CONCRETE FOUNDATION, TYPE A | A, B, C, E, F, H |
| 0.9 | METER | CONCRETE FOUNDATION, TYPE D | CONTROLLER |
| 8.3 | METER | CONCRETE FOUNDATION, TYPE E 750MM DIAMETER | D, G |
| 2 | EACH | PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED | B, F |
| 1 | EACH | PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED | E |
| 1 | EACH | SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED | D |
| 1 | EACH | SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED | C |
| 3 | EACH | SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED | A, B, G |
| 3 | EACH | SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED | D, G |
| 1 | EACH | SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 1-3 SECTION, 2-5 SECTION, BRACKET MOUNTED | F |
| 1 | EACH | SERVICE INSTALLATION (SPECIAL) | |
| 1 | EACH | FULL-ACTUATED CONTROLLER AND TYPE IV CABINET | |
| 1 | EACH | TRANSCIVER - FIBER OPTIC | |
| 61 | METER | LOCATING UNDERGROUND CABLE | |

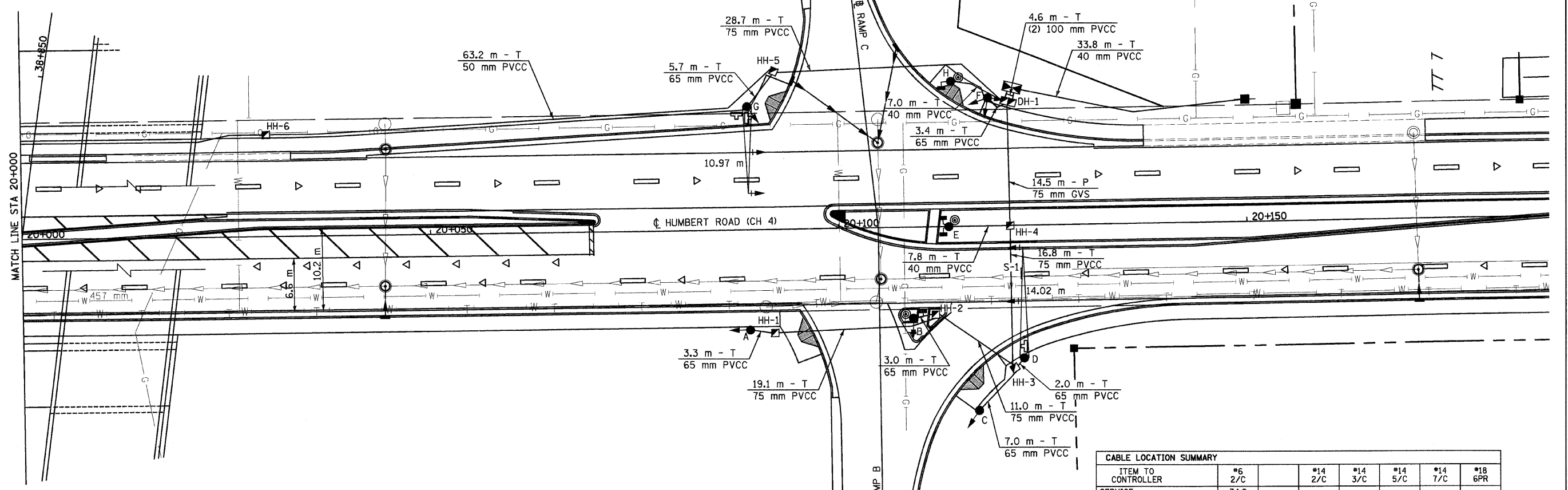
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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15-1, 60-15B-1 | MADISON | 238 | 100 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76635 | | | | |



S-1
(ON MAST ARM H)
R10-12 (600 mm x 760 mm)
NOT TO SCALE



(LOCATIONS B, E, H)
R10-4 (240 mm x 300 mm)
SEE STANDARD 878001
NOT TO SCALE

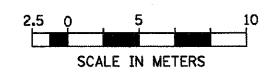


| CONDUIT LOCATION SUMMARY | | | | | | | |
|--------------------------|--------------|--------------|--------------|--------------|-------------|---------------|-------------------|
| LOCATION | 40 mm T-PVCC | 50 mm T-PVCC | 65 mm T-PVCC | 75 mm T-PVCC | 75 mm P-GVS | 100 mm T-PVCC | TRENCH & BACKFILL |
| SIGNAL "A" to HH-1 | | | 3.3 | | | | 3.3 |
| HH-1 to HH-2 | | | | 19.1 | | | 19.1 |
| SIGNAL "B" to HH-2 | | | 3.0 | | | | 3.0 |
| HH-2 to HH-3 | | | | 11.0 | | | 11.0 |
| SIGNAL "C" to HH-3 | | | 7.0 | | | | 7.0 |
| MAST ARM "D" to HH-3 | | | 2.0 | | | | 2.0 |
| HH-3 to HH-4 | | | | 16.8 | | | 16.8 |
| SIGNAL "E" to HH-4 | 7.8 | | | | | | 7.8 |
| HH-4 to DH-1 | | | | | 14.5 | | |
| SIGNAL "F" to DH-1 | | | 3.4 | | | | 3.4 |
| MAST ARM "G" to HH-5 | | | 5.7 | | | | 5.7 |
| HH-5 to DH-1 | | | | 28.7 | | | 28.7 |
| SIGNAL "H" to DH-1 | 7.0 | | | | | | 7.0 |
| DH-1 to CONTROLLER | | | | | | 4.6 | 4.6 |
| SERVICE TO CONTROLLER | 33.8 | | | | | | 33.8 |
| HH-5 to HH-6 | | 63.2 | | | | | 63.2 |
| TOTAL | 48.6 | 63.2 | 24.4 | 75.6 | 14.5 | 4.6 | 216.4 |

| STRUCTURE LOCATION | |
|--------------------|------------------|
| ITEM | LOCATION |
| CONTROLLER | 20+121.5 16.9 LT |
| SERVICE | 20+154.7 13.8 LT |
| A | 20+089.0 12.3 RT |
| B | 20+109.0 11.2 RT |
| C | 20+116.9 22.6 RT |
| D | 20+122.5 16.3 RT |
| E | 20+113.5 C |
| F | 20+118.5 15.7 LT |
| G | 20+089.0 15.1 LT |
| H | 20+114.0 17.8 LT |
| HH-1 | 20+092.0 12.7 RT |
| HH-2 | 20+111.7 10.8 RT |
| HH-3 | 20+121.3 17.5 RT |
| HH-4 | 20+121.0 C |
| HH-5 | 20+092.3 19.4 LT |
| HH-6 | 20+030.0 12.5 LT |
| DH-1 | 20+121.0 15.2 LT |

| CABLE LOCATION SUMMARY | | | | | | |
|------------------------|--------|---------|---------|---------|---------|---------|
| ITEM TO CONTROLLER | #6 2/C | #14 2/C | #14 3/C | #14 5/C | #14 7/C | #18 6PR |
| SERVICE | 34.9 | | | | | |
| POST A | | | | 87.0 | | |
| POST B | | 62.9 | 64.9 | 64.9 | | |
| POST C | | | | | 55.2 | |
| MAST ARM D | | | | 59.2 | 65.8 | 58.2 |
| POST E | | 34.5 | 73.0 | | | |
| POST F | | | | 14.3 | 28.6 | |
| MAST ARM G | | | | 169.0 | | 115.2 |
| POST H | | 17.2 | 19.2 | | | |
| TOTAL | 34.9 | 114.6 | 157.1 | 394.4 | 149.6 | 173.4 |

SEE RAMPS A & D TRAFFIC SIGNAL PLAN FOR INTERCONNECT QUANTITIES.



| REVISIONS | |
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| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SIGNAL PLAN
FAP 310 (IL 255)
SECTIONS 60-15-1, 60-15B-1
MADISON COUNTY

DATE _____ CHECKED BY _____
DRAWN BY _____

HUMBERT ROAD AND RAMPS B & C INTERSECTION

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