

FOR UTILITY LOCATION PURPOSES, THIS PROJECT IS LOCATED IN SECTIONS 4 AND 5, TOWNSHIP 5 NORTH, RANGE 9 WEST OF THE THIRD PRINCIPAL MERIDIAN.

UTILITY INFORMATION CAN BE OBTAINED BY CALLING J.U.L.I.E. AT (800) 892-0123

THE FOLLOWING UTILITY COMPANIES HAVE FACILITIES WITHIN THE LIMITS OF THIS PROJECT:

ILLINOIS AMERICAN WATER CO.
4436 INDUSTRIAL DRIVE
ALTON, ILLINOIS 62002
(618) 466-2131

AT&T
203 GOETHE
COLLINSVILLE, ILLINOIS 62234
(618) 346-6422

AMEREN IP
700 OAKWOOD AVENUE
ALTON, ILLINOIS 62002
(618) 463-4041 (ELECTRIC)
(618) 463-4027 (GAS)

ALTON PUBLIC WORKS
2 EMMA KAUS LANE
ALTON, ILLINOIS 62002
(618) 466-3133

CHARTER COMMUNICATIONS
508 NIAGARA AVENUE
EAST ALTON, ILLINOIS 62024
(618) 779-5021

ILLINOIS DEPT. OF HUMAN SERVICES
ALTON MENTAL HEALTH CENTER
4500 COLLEGE AVE.
ALTON, IL 62002
(618) 474-3246

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS FEDERAL AID HIGHWAY

FOSTERBURG ROAD - PHASE 2 FOSTERBURG ROAD IMPROVEMENTS SECTION-05-00218-01-WR FAU ROUTE 9002 (FOSTERBURG ROAD) PROJECT M-5011 (210) ALTON, ILLINOIS MADISON COUNTY JOB C-98-344-06

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------|---------|--------------|-----------|
| * | MADISON | 55 | 1 |

FEDERAL AID PROJECT
* 05-00218-01-WR

CONTRACT NO. 97456

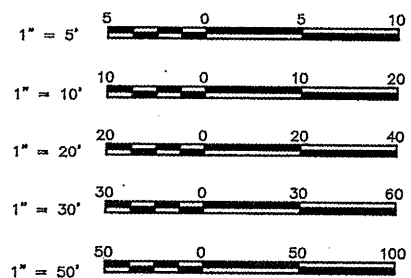
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HIGHWAY STANDARDS

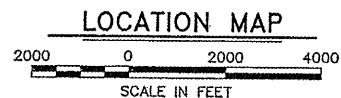
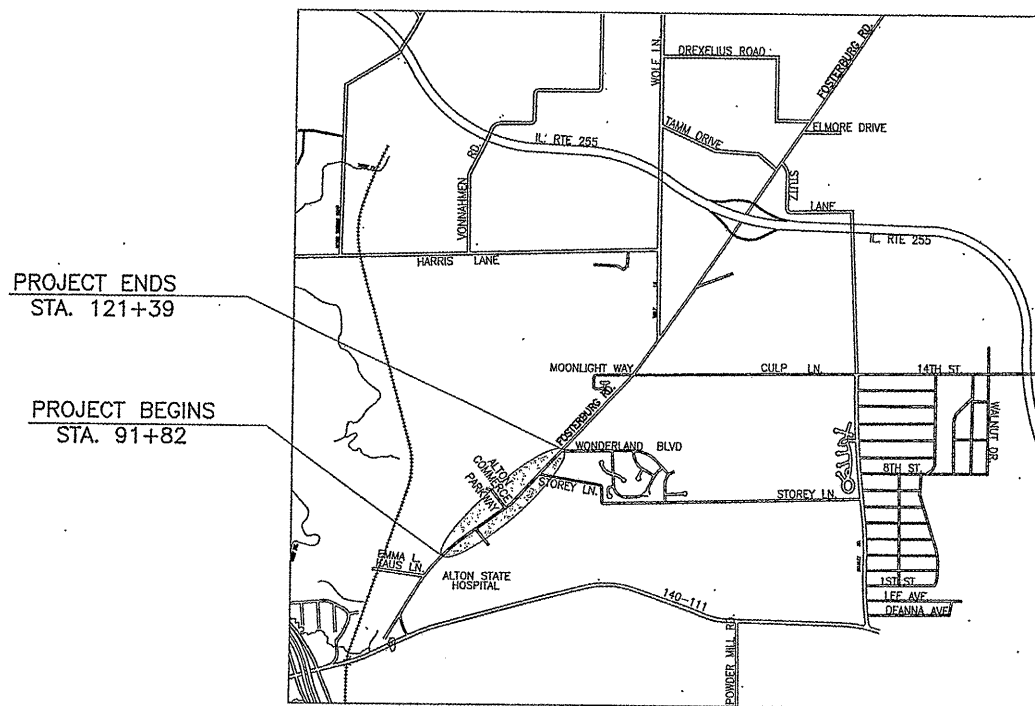
| | |
|-----------|-----------|
| 280001-05 | 608001-04 |
| 442201-03 | 606201-02 |
| 542301-03 | 701006-03 |
| 542546-01 | 701011-02 |
| 602301-03 | 701201-04 |
| 602306-03 | 701301-04 |
| 602401-03 | 701306-03 |
| 602601-02 | 701311-03 |
| 602701-02 | 701326-04 |
| 604001-03 | 701502-04 |
| 604011-04 | 701901-01 |
| 604021-02 | 720001-01 |
| 604036-02 | 720006-02 |
| 604066-02 | 780001-02 |
| | 781001-03 |

SCALES



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.

FUNCTIONAL CLASSIFICATION: SUBURBAN MINOR ARTERIAL
DESIGN SPEED = 45 M.P.H.
CURRENT ADT = 7,850



LENGTH OF PROJECT = 2,957.00 FEET = 0.560 MILES



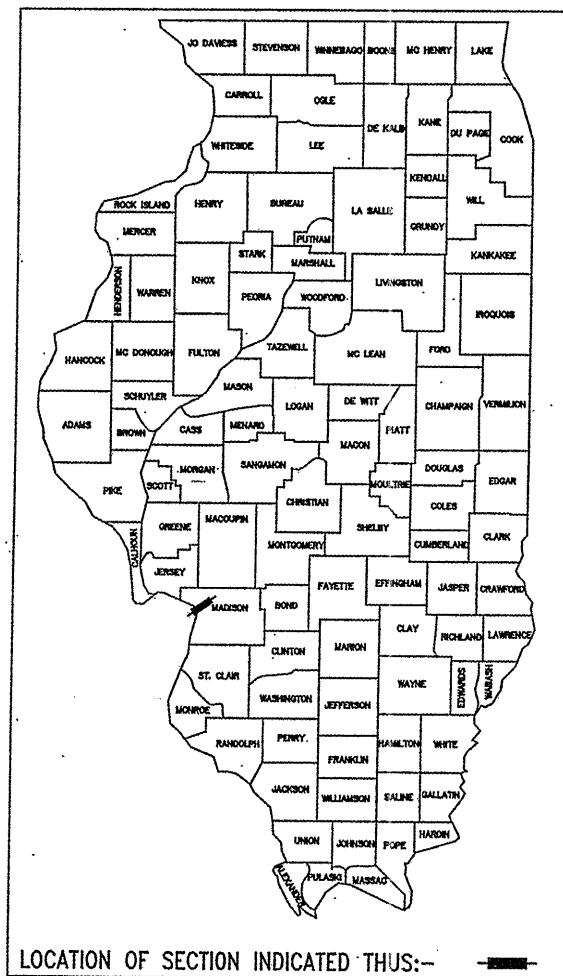
Sheppard Morgan & Schwaab, Inc.
CONSULTING ENGINEERS & LAND SURVEYORS
216 Market Street
Alton, Illinois 62002
P.O. Box E
618/462-9766

10 Central Industrial Dr
Suite 3
Northgate Center
Granite City, IL 62040
618/977-8700



David E. Godar

DATE SIGNED 3-22-2011
EXPIRATION DATE 11-30-2011



LOCATION OF SECTION INDICATED THUS:-

| | | |
|---|---|-------|
| APPROVED | 3-24-11 | 20 |
| | <i>Tom Hoechst</i> | |
| | TOM HOECHST - MAYOR OF ALTON | |
| PASSED | Mark 30 | 20 11 |
| | <i>Mark 30</i> | |
| | DISTRICT 8, ENGINEER OF LOCAL ROADS & STREETS | |
| RELEASING FOR BID BASED ON LIMITED REVIEW | Mark 30 | 20 11 |
| | <i>Mark C. Lame</i> | |
| | MARK C. LAME, P.E. DEPUTY DIRECTOR OF HIGHWAYS REGION FIVE ENGINEER | |
| | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | |
| | PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS | |

STANDARD SYMBOL LEGEND

STANDARD LINE TYPE LEGEND

CONTRACT NO. 97456

EXISTING

- EXISTING GUY POLE --○--
- EXISTING LIGHT POLE --X
- EXISTING POWER POLE --○--
- EXISTING TELEPHONE POLE --○--
- EXISTING GUY WIRE --←
- EXISTING TRANSMISSION TOWER --□
- EXISTING ELECTRIC SPLICE BOX --□^E
- EXISTING TELEPHONE SPLICE BOX --△
- EXISTING CABLE SPLICE BOX --□^{TV}
- EXISTING WATER HYDRANT --⊕
- EXISTING GAS METER --⊕
- EXISTING WATER METER --⊕
- EXISTING WATER VALVE --⊕
- EXISTING GAS VALVE --⊕
- EXISTING FIRE HYDRANT --⊕^{FH}
- EXISTING SANITARY MANHOLE TOP --⊕
- EXISTING STORM MANHOLE TOP --○
- EXISTING TELEPHONE MANHOLE TOP --○[⊕]
- EXISTING SANITARY CLEAN OUT --⊕
- CONTROL POINT --△^{XXX}
- BENCHMARK --⊕^{B.M.}
- TEST PIT / NUMBER --⊕^{T.P.# X}
- BORING / NUMBER --⊕^{B.# X}
- RIGHT-OF-WAY MARKER --⊕^{MON}
- AXLE FOUND --○^{AXLE}
- BOLT FOUND --○^{BOLT}
- CHISELED "X" FOUND --X
- PIN FOUND --○^{IP}
- PINCH PIPE FOUND --○^{IP}
- PK NAIL FOUND --○^{PK}
- RAILROAD SPIKE FOUND --○^{RR}
- STONE FOUND --□^{STONE}
- BRASS MONUMENT FOUND --○^{MON}
- IRON PIPE FOUND --○^{IP}
- MONUMENT FOUND --□^{MON}
- REBAR FOUND --○^{RBR}
- EXISTING MAILBOX --F
- EXISTING FENCE POST --⊕
- EXISTING GATE POST --⊕
- EXISTING FLAG POLE --⊕
- EXISTING GUARD POST --○^{GP}
- EXISTING ADVERTISING SIGN --T
- EXISTING TRAFFIC SIGN --T
- EXISTING PARKING METER --⊕
- EXISTING RAILROAD MILE POST --⊕^{MP}
- EXISTING RAILROAD SIGNAL CONTROLLER --⊕
- EXISTING RAILROAD CROSSING GATE --⊕
- EXISTING TRAFFIC SIGNAL --○^T
- EXISTING TRAFFIC SIGNAL CONTROLLER --⊕
- EXISTING HANDHOLE --□
- EXISTING DOUBLE HANDHOLE --□
- EXISTING MAST ARM BASE --○^T
- EXISTING DECIDUOUS TREE / SIZE --⊕^{XX}
- EXISTING EVERGREEN TREE / SIZE --⊕^{XX}
- EXISTING STUMP / SIZE --⊕^{XX}
- EXISTING BUSH --⊕
- EXISTING SHRUB --⊕
- EXISTING TREE TO BE REMOVED --⊕^{XX}

PROPOSED

- PROPOSED GUY POLE --○--
- PROPOSED LIGHT POLE --X
- PROPOSED POWER POLE --○--
- PROPOSED TELEPHONE POLE --○--
- PROPOSED GUY WIRE --←
- PROPOSED TRANSMISSION TOWER --□
- PROPOSED ELECTRIC SPLICE BOX --□^E
- PROPOSED TELEPHONE SPLICE BOX --△
- PROPOSED CABLE SPLICE BOX --□^{TV}
- PROPOSED WATER HYDRANT --⊕
- PROPOSED GAS METER --⊕
- PROPOSED WATER METER --⊕
- PROPOSED WATER VALVE --⊕
- PROPOSED GAS VALVE --⊕
- PROPOSED FIRE HYDRANT --⊕^{FH}
- PROPOSED SANITARY MANHOLE TOP --⊕
- PROPOSED STORM MANHOLE TOP --○
- PROPOSED TELEPHONE MANHOLE TOP --○[⊕]
- PROPOSED SANITARY CLEAN OUT --⊕
- PROPOSED MAILBOX --F
- PROPOSED GUARD POST --⊕^{GP}
- PROPOSED ADVERTISING SIGN --T
- PROPOSED TRAFFIC SIGN --T
- PROPOSED RAILROAD MILE POST --⊕^{MP}
- PROPOSED RAILROAD SIGNAL CONTROLLER --⊕
- PROPOSED RAILROAD CROSSING GATE --⊕
- PROPOSED TRAFFIC SIGNAL --○^T
- PROPOSED TRAFFIC SIGNAL CONTROLLER --⊕
- PROPOSED HANDHOLE --□
- PROPOSED DOUBLE HANDHOLE --□
- PROPOSED MAST ARM BASE --○^T
- PROPOSED DECIDUOUS TREE / SIZE --⊕^{XX}
- PROPOSED EVERGREEN TREE / SIZE --⊕^{XX}
- PROPOSED BUSH --⊕
- PROPOSED PLANT --*
- PROPOSED EDGE OF PAVEMENT ELEVATION -- + 512.00 EP
- PROPOSED PAVEMENT ELEVATION -- + 505.50 P
- PROPOSED CURB ELEVATION -- + 550.25 TC
- PROPOSED SIDEWALK ELEVATION -- + 515.15 SW
- PROPOSED FLOWLINE ELEVATION -- + 501.58 FL

EXISTING FEATURES

- EXISTING CENTERLINE
- EXISTING BASELINE
- EXISTING RIGHT-OF-WAY
- EXISTING SECTION LINE
- EXISTING LOT LINE
- EXISTING PROPERTY LINE --P/L
- EXISTING EASEMENT
- EXISTING SETBACK
- EXISTING MAJOR CONTOUR --500
- EXISTING MINOR CONTOUR --501
- EXISTING DITCH
- EXISTING POND, LAKE, BODY OF WATER, ETC.
- EXISTING RAILROAD
- EXISTING BRUSH / HEDGE / TREE LINE
- EXISTING FENCE --X
- EXISTING GUARDRAIL
- EXISTING CULVERT
- EXISTING STORM SEWER
- EXISTING SANITARY SEWER
- EXISTING FORCEMAIN --FM
- EXISTING WATER --W
- EXISTING UNDERGROUND ELECTRIC --E
- EXISTING GAS --G
- EXISTING UNDERGROUND TELEPHONE --T
- EXISTING FIBER OPTIC --FO
- EXISTING UNDERGROUND CABLE TV --TV
- EXISTING OVERHEAD TELEPHONE --OT
- EXISTING OVERHEAD ELECTRIC --OE
- EXISTING OVERHEAD CABLE TV --OTV

PROPOSED FEATURES

- PROPOSED CENTERLINE
- PROPOSED BASELINE
- PROPOSED RIGHT-OF-WAY
- PROPOSED LOT LINE
- PROPOSED EASEMENT
- PROPOSED CONSTRUCTION EASEMENT OR TEMPORARY USE PERMIT
- PROPOSED CONSTRUCTION LIMITS
- PROPOSED SETBACK
- PROPOSED MAJOR CONTOUR --500
- PROPOSED MINOR CONTOUR --501
- PROPOSED DITCH
- PROPOSED POND, LAKE, BODY OF WATER, ETC.
- PROPOSED RAILROAD
- PROPOSED FENCE --X
- PROPOSED GUARDRAIL
- PROPOSED PERIMETER EROSION BARRIER
- PROPOSED CULVERT
- PROPOSED STORM SEWER
- PROPOSED SANITARY SEWER
- PROPOSED FORCEMAIN --FM
- PROPOSED WATER --W
- PROPOSED UNDERGROUND ELECTRIC --E
- PROPOSED GAS --G
- PROPOSED UNDERGROUND TELEPHONE --T
- PROPOSED FIBER OPTIC --FO
- PROPOSED UNDERGROUND CABLE TV --TV
- PROPOSED OVERHEAD TELEPHONE --OT
- PROPOSED OVERHEAD ELECTRIC --OE
- PROPOSED OVERHEAD CABLE TV --OTV

GENERAL NOTES

- THIS PROJECT SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2007 AND THE SPECIAL PROVISIONS OF THE PROJECT CONTRACT.
- THE PLANS SHOW THE APPROXIMATE LOCATION OF KNOWN UTILITIES, BUT DO NOT SHOW HOUSE OR SERVICE CONNECTIONS. UTILITY INFORMATION PROVIDED IS BASED ON INFORMATION OBTAINED FROM UTILITY COMPANIES AND SHALL NOT BE CONSIDERED TO BE ACCURATE OR COMPLETE. THE CONTRACTOR SHALL USE ALL DUE PRECAUTION NOT TO DAMAGE OR DISTURB ANY UTILITIES AND THE ENTIRE COST OF MAKING REPAIRS TO, OR REPLACEMENT OF, ANY DAMAGED LINE WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- PROPOSED ELEVATIONS SHOWN ON THE PLANS AS +/- ARE APPROXIMATE. EXACT ELEVATIONS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD. IF APPLICABLE, ELEVATIONS SHALL BE DETERMINED PRIOR TO FABRICATION OF THE DRAINAGE STRUCTURES.
- FOR SIMPLICITY, STORM SEWER LENGTHS SHOWN ON THE PLANS ARE FROM CENTER TO CENTER OF STRUCTURES. ACTUAL PIPE REQUIRED WILL BE LESS. MEASUREMENT FOR PAYMENT PURPOSES SHALL BE ACCORDING TO ARTICLE 550.09 OF THE STANDARD SPECIFICATIONS.
- THE OFFSETS FOR ALL ROUND INLETS AND MANHOLES ARE GIVEN TO THE CENTER OF THE OPENING REQUIRED FOR THE FRAME AND GRATE OR LID THAT IS SPECIFIED. THE OFFSETS FOR ALL SQUARE BOX INLETS AND SQUARE FLUSH INLETS ARE GIVEN TO THE CENTER OF THE BASE OF THE STRUCTURE. OFFSETS FOR ALL CONCRETE FLARED END SECTIONS ARE GIVEN TO THE CENTER OF THE END OF THE END SECTION.
- SEE TYPICAL SECTION SHEETS FOR TYPICAL SECTION NOTES.
- SEE CONSTRUCTION DETAILS SHEETS FOR RETAINING WALL NOTES.
- SEE EROSION CONTROL PLAN FOR EROSION CONTROL NOTES.
- SEE TRAFFIC CONTROL PLAN FOR TRAFFIC CONTROL NOTES.
- PLAN QUANTITIES FOR HOT-MIX ASPHALT ITEMS WERE CALCULATED BASED ON USING 115 LBS. / SQ. YD. / IN.
- INCIDENTAL HOT-MIX ASPHALT SURFACING SHALL BE 8 INCHES THICK FOR COMMERCIAL DRIVEWAYS AND 6 INCHES THICK FOR PRIVATE DRIVEWAYS.
- EXISTING SURFACES TO BE REMOVED THAT ARE TO BE PAID FOR AS PAVEMENT REMOVAL OR DRIVEWAY PAVEMENT REMOVAL ARE SHOWN ON THE PLANS AS CROSS HATCHED. ALL OTHER SURFACES INCLUDING AGGREGATE, HOT-MIX ASPHALT AND OIL AND CHIP SHALL BE REMOVED AS NEEDED AND CONSIDERED INCLUDED IN THE COST OF EARTH EXCAVATION. THESE SURFACES INCLUDE HOT-MIX ASPHALT SURFACES IN THE EXISTING SHOULDER AREA AND OIL AND CHIP SURFACES ON STOREY LANE.
- THE CONTRACTOR SHALL EXERCISE CARE IN THE TREE REMOVAL OPERATIONS AND TAKE WHATEVER PRECAUTIONS NECESSARY TO REMOVE ONLY THOSE TREES TO THE CONSTRUCTION OF THIS PROJECT AS INDICATED BY THE ENGINEER, ALL OTHER TREES SHALL REMAIN UNDAMAGED.
- IF ASH TREES ARE REMOVED ON THE PROJECT, THE CONTRACTOR SHALL BECOME FAMILIAR WITH AND COMPLY WITH MEASURES SPECIFIED BY THE ILLINOIS DEPARTMENT OF AGRICULTURE (IDOA) TO PREVENT THE SPREAD OF THE EMERALD ASH BORER. THE IDOA INFORMATION FOR ASH TREE REMOVAL CAN BE FOUND ON THE IDOA WEBSITE AT WWW.AGR.STATE.IL.US/EAB

ABBREVIATIONS

| | |
|---------|--------------------------------|
| ADT | AVERAGE DAILY TRAFFIC |
| BK | BACK |
| BM | BENCH MARK |
| BVCE | BEGIN VERTICAL CURVE ELEVATION |
| BVCS | BEGIN VERTICAL CURVE STATION |
| C&G | CURB AND GUTTER |
| C/L | CENTER LINE |
| CE | COMMERCIAL ENTRANCE |
| CI | CAST IRON |
| CL | CLOSED LID |
| CM | CONCRETE MONUMENT |
| CMP | CORRUGATED METAL PIPE |
| CONC | CONCRETE |
| CT | CRIMP TOP PIPE |
| CU YD | CUBIC YARD |
| DIP | DUCTILE IRON PIPE |
| E | EAST |
| ELEV | ELEVATION |
| EP | EDGE OF PAVEMENT |
| EON STA | EQUATION STATION |
| ES | EDGE OF SHOULDER |
| FE | FIELD ENTRANCE |
| FH | FIRE HYDRANT |
| FL | FLOW LINE |
| FT | FOOT |
| FWD | FORWARD |
| GP | GUARD POST |
| HDPE | HIGH DENSITY POLYETHYLENE |
| HMA | HOT-MIX ASPHALT |
| IP | IRON PIPE |
| LT | LEFT |
| MON | MONUMENT |
| MP | MILE PIPE |
| N | NORTH |
| NE | NORTHEAST |
| NW | NORTHWEST |

| | |
|------|------------------------------------|
| O&C | OIL AND CHIP |
| OL | OPEN LID |
| PC | POINT OF CURVE |
| PE | PRIVATE ENTRANCE |
| PI | POINT OF INTERSECTION |
| PK | PK NAIL |
| PP | POWER POLE |
| PRCF | PRECAST REINFORCED CONCRETE FLARED |
| PT | POINT OF TANGENT |
| PVC | POINT OF VERTICAL CURVE |
| R | RADIUS |
| RBR | REBAR |
| RDMH | RESTRICTED DEPTH MANHOLE |
| ROW | RIGHT OF WAY |
| RR | RAIL ROAD |
| RRPM | RAISED REFLECTIVE PAVEMENT MARKER |
| RT | RIGHT |
| S | SOUTH |
| SE | SOUTHEAST |
| SL | SECTION LINE |
| SS1 | STORM SEWER TYPE 1 |
| SS2 | STORM SEWER TYPE 2 |
| SS3 | STORM SEWER TYPE 3 |
| STA | STATION |
| SW | SOUTHWEST |
| TB | TRENCH BACKFILL |
| TC | TOP OF CURB |
| TCE | TEMPORARY CONSTRUCTION EASEMENT |
| TPM | TEMPORARY PAVEMENT MARKING |
| TPPM | THERMOPLASTIC PAVEMENT MARKING |
| TUP | TEMPORARY USE PERMIT |
| TY | TYPE |
| TYP | TYPICAL |
| VC | VERTICAL CURVE |
| VCP | VITRIFIED CLAY PIPE |
| W | WEST |

COMMITMENTS

- DUE TO AN EXISTING HISTORIC MONUMENT AND AN EXISTING CEMETERY, THE CONTRACTOR SHALL LIMIT EXCAVATION TO NO CLOSER THAN 7 FEET FROM THE RIGHT-OF-WAY LINE FROM STA. 97+32 LT. TO STA. 101+55 LT.

BENCHMARK INFORMATION

SITE BENCHMARK:
CHISELED "C" ON THE NORTH SIDE OF HEADWALL
STA. 99+84.4 ±, 23.8' ± RT.
ELEV. = 490.43

SURVEY CONTROL POINTS

| VERTICAL CONTROL (BENCH MARKS) | | | | |
|--------------------------------|-----------------------------|-----------|--------------------------|--|
| CONTROL POINT | LOCATION | ELEVATION | DESCRIPTION | |
| BM "161" | STA. 91+39.27, 39.45' RT. | 493.29 | R.R. SPIKE P.P. | |
| BM "160" | STA. 94+68.22, 39.02' RT. | 497.16 | P.K. NAIL P.P. | |
| SITE BM | STA. 99+84.4 ±, 23.8' ± RT. | 490.43 | CHISELED "C" ON HEADWALL | |
| BM "159" | STA. 100+27.15, 37.76' RT. | 495.24 | P.K. NAIL P.P. | |
| BM "158" | STA. 104+05.89, 37.46' RT. | 498.02 | R.R. SPIKE P.P. | |
| BM "8702" | STA. 122+67.32, 71.82' RT. | 498.31 | P.K. NAIL L.P. | |

HORIZONTAL CONTROL

| CONTROL POINT | NORTHING | EASTING | ELEVATION | DESCRIPTION |
|---------------|-----------|-----------|-----------|------------------|
| CP #152 | 1000.0000 | 1000.0000 | 495.74* | TOP OF REBAR |
| CP #153 | 1628.6970 | 1686.9170 | 495.84* | TOP OF REBAR |
| CP #155 | 722.4910 | 648.2290 | 493.88* | TOP OF CP CAP |
| CP #156 | 503.1060 | 255.7310 | 495.41* | TOP OF CP CAP |
| CP #157 | 276.7320 | -36.2620 | 492.98* | TOP OF CP CAP |
| CP #8700 | 1935.7340 | 2055.4990 | 501.62* | TOP OF CUT CROSS |
| CP #8701 | 2369.0970 | 2328.1620 | 496.09* | N. RIM CI |

* ELEVATIONS SHOULD BE CHECKED FROM A BENCHMARK.

REVISIONS

SMS Sheppard, Morgan & Schwaab, Inc.
CONSULTING ENGINEERS AND LAND SURVEYORS
216 Market Street, P.O. Box 2, Alton, IL 62002-8106
10 Central Industrial Drive, Granite City, IL 62040
DESIGN FIRM # 184-000992

CITY OF ALTON, ILLINOIS
SECTION 05-00218-01-WR
FOSTERBURG ROAD - PHASE 2
GENERAL NOTES, LEGENDS & CONTROL POINTS

DWG. NO.
RFR PHS 2-DETAILS GEN NOTES.dwg
REF. BK. PG.
JOB NO. 206612
DSN. BY: DFG
DWN. BY: DFG
CHK. BY: DFG
DATE: JAN., 2011
SCALE: 1" = 20' H.
1" = 5' V.
SHEET 2 OF 55

SUMMARY OF QUANTITIES

| CODE NO. | CONSTRUCTION TYPE CODE | ITEM | UNIT | TOTAL QUANTITY |
|----------|--|------|--------|----------------|
| 20100110 | TREE REMOVAL (6 TO 15 UNITS DIAMETER) | | UNIT | 302 |
| 20100210 | TREE REMOVAL (OVER 15 UNITS DIAMETER) | | UNIT | 300 |
| 20200100 | EARTH EXCAVATION | | CU YD | 1,948 |
| 20201200 | REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL | | CU YD | 200 |
| 20400800 | FURNISHED EXCAVATION | | CU YD | 2,082 |
| 20800150 | TRENCH BACKFILL | | CU YD | 976 |
| 25000115 | SEEDING, CLASS 1B | | ACRE | 1.8 |
| 25000400 | NITROGEN FERTILIZER NUTRIENT | | POUND | 162 |
| 25000500 | PHOSPHORUS FERTILIZER NUTRIENT | | POUND | 162 |
| 25000600 | POTASSIUM FERTILIZER NUTRIENT | | POUND | 162 |
| 25000700 | AGRICULTURAL GROUND LIMESTONE | | TON | 3.6 |
| 25100115 | MULCH, METHOD 2 | | ACRE | 1.8 |
| 25100630 | EROSION CONTROL BLANKET | | SQ YD | 644 |
| 25100900 | TURF REINFORCEMENT MAT | | SQ YD | 10 |
| 28000200 | EARTH EXCAVATION FOR EROSION CONTROL | | CU YD | 2 |
| 28000250 | TEMPORARY EROSION CONTROL SEEDING | | POUND | 180 |
| 28000305 | TEMPORARY DITCH CHECKS | | FOOT | 66 |
| 28000400 | PERIMETER EROSION BARRIER | | FOOT | 1,937 |
| 28000500 | INLET AND PIPE PROTECTION | | EACH | 62 |
| 28100207 | STONE RIPRAP, CLASS A4 | | TON | 55 |
| 28200200 | FILTER FABRIC | | SQ YD | 92 |
| 30200650 | PROCESSING MODIFIED SOIL 12" | | SQ YD | 8,433 |
| 30201500 | LIME | | TON | 239 |
| 31101000 | SUBBASE GRANULAR MATERIAL, TYPE B | | TON | 400 |
| 31101900 | SUBBASE GRANULAR MATERIAL, TYPE C | | TON | 270 |
| 35101100 | AGGREGATE BASE COURSE, TYPE A 12" | | SQ YD | 1,868 |
| 35501308 | HOT-MIX ASPHALT BASE COURSE, 5" | | SQ YD | 442 |
| 35600708 | HOT-MIX ASPHALT BASE COURSE WIDENING, 8" | | SQ YD | 4,422 |
| 40200800 | AGGREGATE SURFACE COURSE, TYPE B | | TON | 3.9 |
| 40201000 | AGGREGATE FOR TEMPORARY ACCESS | | TON | 272 |
| 40600100 | BITUMINOUS MATERIALS (PRIME COAT) | | GALLON | 3,140 |
| 40600300 | AGGREGATE (PRIME COAT) | | TON | 63 |
| 40600635 | LEVELING BINDER (MACHINE METHOD), N70 | | TON | 1,900 |
| 40600895 | CONSTRUCTING TEST STRIP | | EACH | 1 |
| 40600982 | HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT | | SQ YD | 239 |
| 40600940 | HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 | | TON | 1,043 |
| 40800950 | INCIDENTAL HOT-MIX ASPHALT SURFACING | | TON | 111 |
| 42300200 | PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH | | SQ YD | 96.5 |
| 42300400 | PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH | | SQ YD | 355.3 |
| 44000100 | PAVEMENT REMOVAL | | SQ YD | 255 |
| 44000200 | DRIVEWAY PAVEMENT REMOVAL | | SQ YD | 785.9 |
| 44000500 | COMBINATION CURB AND GUTTER REMOVAL | | FOOT | 21 |
| 44201773 | CLASS D PATCHES, TYPE I, 11 INCH | | SQ YD | 74 |
| 44201777 | CLASS D PATCHES, TYPE II, 11 INCH | | SQ YD | 419.7 |
| 44201781 | CLASS D PATCHES, TYPE III, 11 INCH | | SQ YD | 60 |
| 44201783 | CLASS D PATCHES, TYPE IV, 11 INCH | | SQ YD | 127.6 |
| 44300200 | STRIP REFLECTIVE CRACK CONTROL TREATMENT | | FOOT | 7,767 |
| 48101600 | AGGREGATE SHOULDERS, TYPE B, 8" | | SQ YD | 32 |
| 48200209 | HOT-MIX ASPHALT SHOULDERS, 8" | | SQ YD | 3,201 |
| 50104400 | CONCRETE HEADWALL REMOVAL | | EACH | 5 |
| 50105220 | PIPE CULVERT REMOVAL | | FOOT | 443 |
| 54213657 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12" | | EACH | 3 |
| 54213663 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18" | | EACH | 1 |
| 54213669 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24" | | EACH | 1 |
| 54244405 | FLUSH INLET BOX FOR MEDIAN, STANDARD 542546 | | EACH | 5 |
| 54248510 | CONCRETE COLLAR | | CU YD | 4 |
| 550A0050 | STORM SEWERS, CLASS A, TYPE 1, 12" | | FOOT | 2,332 |
| 550A0070 | STORM SEWERS, CLASS A, TYPE 1, 15" | | FOOT | 442 |
| 550A0090 | STORM SEWERS, CLASS A, TYPE 1, 18" | | FOOT | 216 |
| 550A0340 | STORM SEWERS, CLASS A, TYPE 2, 12" | | FOOT | 1,733 |
| 550A0360 | STORM SEWERS, CLASS A, TYPE 2, 15" | | FOOT | 5 |
| 550A0380 | STORM SEWERS, CLASS A, TYPE 2, 18" | | FOOT | 166 |
| 550A0410 | STORM SEWERS, CLASS A, TYPE 2, 24" | | FOOT | 20 |
| 60221100 | MANHOLES, TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID | | EACH | 1 |
| 60222270 | MANHOLES, TYPE A, 5' DIAMETER, TYPE 3V FRAME AND GRATE | | EACH | 2 |
| 60236200 | INLETS, TYPE A, TYPE 8 GRATE | | EACH | 1 |
| 60237000 | INLETS, TYPE A, TYPE 15 FRAME AND LID | | EACH | 9 |
| 60240210 | INLETS, TYPE B, TYPE 1 FRAME, OPEN LID | | EACH | 4 |
| 60240215 | INLETS, TYPE B, TYPE 1 FRAME, CLOSED LID | | EACH | 3 |
| 60240370 | INLETS, TYPE B, TYPE 15 FRAME AND LID | | EACH | 10 |
| 60255500 | MANHOLES TO BE ADJUSTED | | EACH | 11 |
| 60600096 | CLASS 3 CONCRETE (OUTLET) | | CU YD | 8.4 |
| 60600100 | CONCRETE GUTTER TRANSITION | | FOOT | 38 |
| 60608800 | COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 | | FOOT | 24 |
| 60609000 | COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 | | FOOT | 5,749 |
| 60609500 | COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (VARIABLE WIDTH GUTTER FLAG) | | FOOT | 113 |
| 63200310 | GUARDRAIL REMOVAL | | FOOT | 149 |
| 67000400 | ENGINEER'S FIELD OFFICE, TYPE A | | CAL MO | 15 |
| 67100100 | MOBILIZATION | | L SUM | 1 |
| 70103815 | TRAFFIC CONTROL SURVEILLANCE | | CAL DA | 54 |
| 70300100 | SHORT-TERM PAVEMENT MARKING | | FOOT | 3,168 |
| 70300210 | TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS | | SQ FT | 421.2 |
| 70300220 | TEMPORARY PAVEMENT MARKING - LINE 4" | | FOOT | 25,595 |
| 70300240 | TEMPORARY PAVEMENT MARKING - LINE 12" | | FOOT | 177 |
| 70301000 | WORK ZONE PAVEMENT MARKING REMOVAL | | SO FT | 522 |
| 72000100 | SIGN PANEL - TYPE 1 | | SO FT | 86 |
| 73000100 | WOOD SIGN SUPPORT | | FOOT | 224 |
| 78000100 | THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS | | SO FT | 421.2 |
| 78000200 | THERMOPLASTIC PAVEMENT MARKING - LINE 4" | | FOOT | 18,805 |
| 78000600 | THERMOPLASTIC PAVEMENT MARKING - LINE 12" | | FOOT | 161 |
| 78100100 | RAISED REFLECTIVE PAVEMENT MARKER | | EACH | 148 |
| 78300200 | RAISED REFLECTIVE PAVEMENT MARKER REMOVAL | | EACH | 12 |
| 20013300 | SEGMENTAL CONCRETE BLOCK WALL | | SO FT | 48 |
| 20051500 | REMOVING AND RESETTING STREET SIGNS | | EACH | 4 |
| X0323389 | STORM SEWER CONNECTION | | EACH | 1 |
| X0950810 | BOLLARD REMOVAL | | EACH | 1 |
| X4811900 | AGGREGATE SHOULDERS (SPECIAL) | | TON | 70 |
| X5010522 | REMOVE CONCRETE END SECTION | | EACH | 3 |
| X5015225 | PIPE CULVERT REMOVAL (SPECIAL) | | FOOT | 12 |
| X6020074 | INLETS, TYPE A, TYPE 3V FRAME AND GRATE | | EACH | 7 |
| X6020075 | INLETS, TYPE B, TYPE 3V FRAME AND GRATE | | EACH | 11 |
| X6024242 | INLETS, SPECIAL, No. 1 | | EACH | 1 |
| X6024244 | INLETS, SPECIAL, No. 2 | | EACH | 1 |
| X6060000 | CONCRETE GUTTER, TYPE B (SPECIAL) | | EACH | 3 |
| X7010216 | TRAFFIC CONTROL AND PROTECTION (SPECIAL) | | FOOT | 58 |
| X7240300 | SIGN REMOVAL | | L SUM | 1 |
| X9001095 | MAILBOX REMOVAL AND REPLACEMENT | | EACH | 7 |
| X9001095 | MAILBOX REMOVAL AND REPLACEMENT | | EACH | 11 |

* SPECIALTY ITEMS

STRUCTURAL DESIGN DATA

FOSTERBURG ROAD - PHASE 2

PAVEMENT DESIGN: MODIFIED AASHTO DESIGN FOR OVERLAYS ON EXISTING RIGID / COMPOSITE PAVEMENTS

CLASS OF ROAD: CLASS II

DESIGN PERIOD: 20 YEARS

TRAFFIC DATA: 2012 ADT=8,000
2022 ADT=8,800 (SDT)
2032 ADT=9,800

STRUCTURAL DESIGN TRAFFIC: PV (96.9%) = 8,527
SU (3%) = 264
MU (0.1%) = 9

TRAFFIC FACTOR: 0.42

IMMEDIATE BEARING: IBV = 2

STRUCTURAL NUMBER: SNC = 2.81

HMA OVERLAY THICKNESS REQUIRED: Do = 2.6"

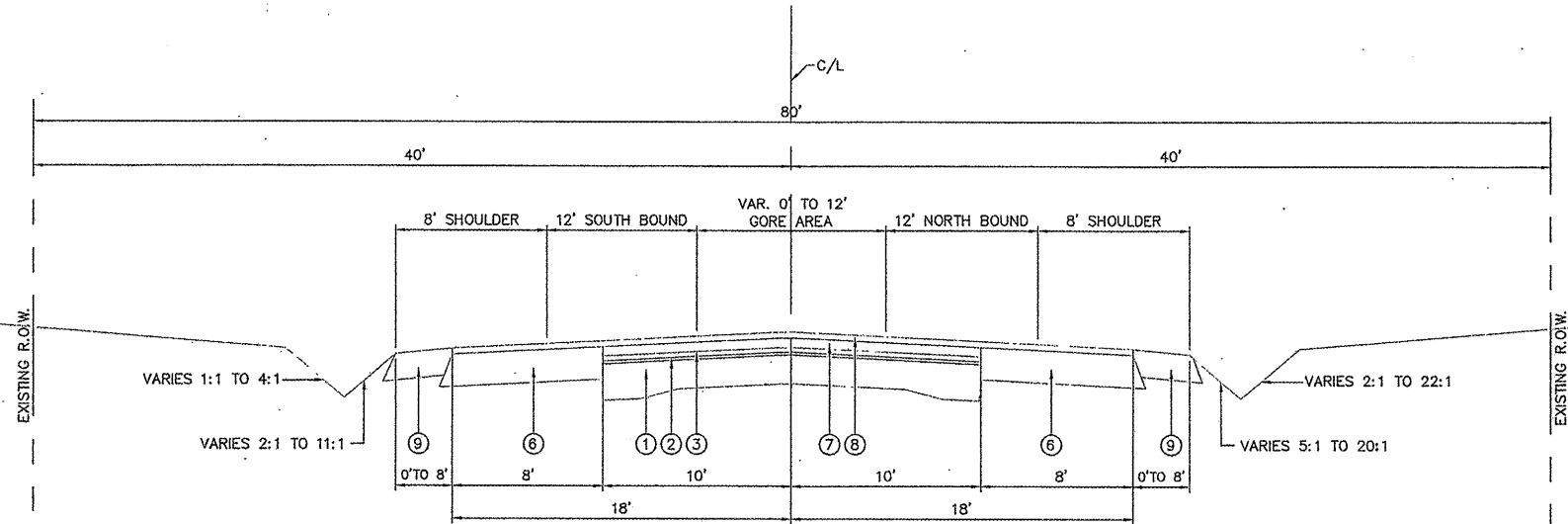
PROPOSED OVERLAY: HMA LEVELING BINDER = 2 1/2"
HMA BINDER (LEVELING BINDER MATERIAL) = 1 1/2"
HMA SURFACE = 1 1/2"
TOTAL HMA = 5 1/2"

REVISIONS

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49 Central Industrial Drive, Granite City, IL 62040 618-877-8770 E-mail: granite@sms-engineers.com
DESIGN FIRM # 184-000002

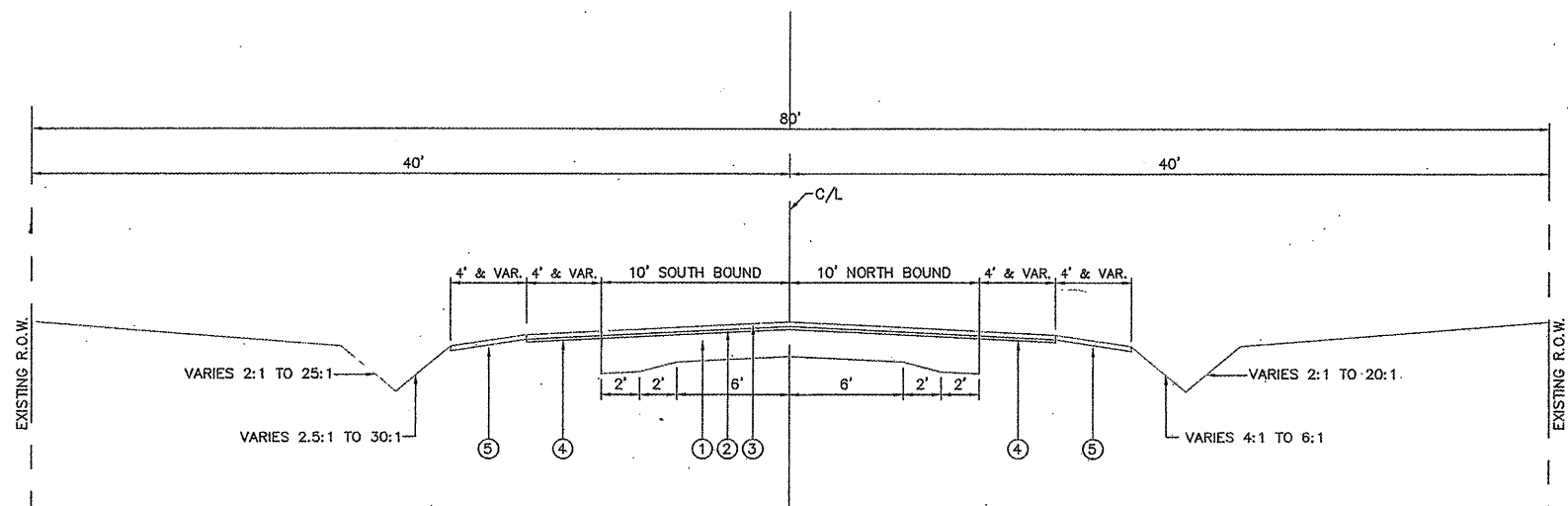
CITY OF ALTON, ILLINOIS
SECTION 05-00218-01-WR
FOSTERBURG ROAD - PHASE 2
SUMMARY OF QUANTITIES

| | |
|----------|---------------------------|
| DWG. NO. | |
| REF. PK. | PG. |
| JOB NO. | 208812 |
| DSH. BY: | DEC |
| DWN. BY: | CDP |
| CHK. BY: | DEC |
| DATE: | SEPT, 2010 |
| SCALE: | 1" = 20' H. 1" = 5' V. |
| SHEET | 3 OF 55 |



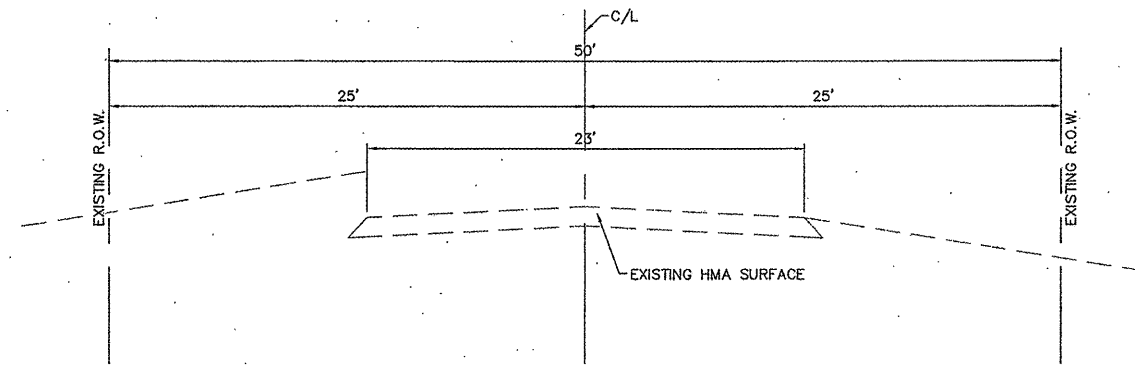
EXISTING TYPICAL SECTION

FOSTERBURG ROAD
 STA. 117+71 TO STA. 121+31
 SCALE: 1" = 5' H.
 1" = 2' V.



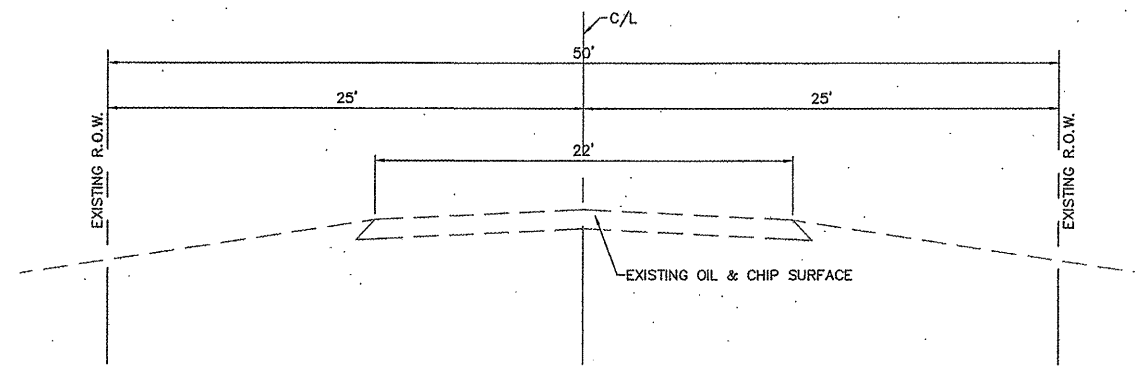
EXISTING TYPICAL SECTION

FOSTERBURG ROAD
 STA. 91+82 TO STA. 117+71
 SCALE: 1" = 5' H.
 1" = 2' V.



EXISTING TYPICAL SECTION

ALTON COMMERCE PKWY
 STA. 0+10 TO STA. 0+90
 SCALE: 1" = 5' H.
 1" = 2' V.



EXISTING TYPICAL SECTION

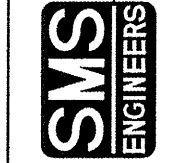
STOREY LANE
 STA. 0+10.91 TO STA. 1+10
 SCALE: 1" = 5' H.
 1" = 2' V.

PAVING LEGEND

- ① EXISTING P.C. CONCRETE PAVEMENT (9"-7"-9" DESIGN)
- ② EXISTING HMA BINDER COURSE 3/4"
- ③ EXISTING HMA SURFACE COURSE 1 1/4"
- ④ EXISTING HMA SHOULDERS, 2"±
- ⑤ EXISTING AGGREGATE SHOULDER
- ⑥ EXISTING HMA BASE COURSE WIDENING, 8"
- ⑦ EXISTING LEVELING BINDER
- ⑧ EXISTING HMA SURFACE COURSE 1 1/2"
- ⑨ EXISTING HMA SHOULDERS, 8"

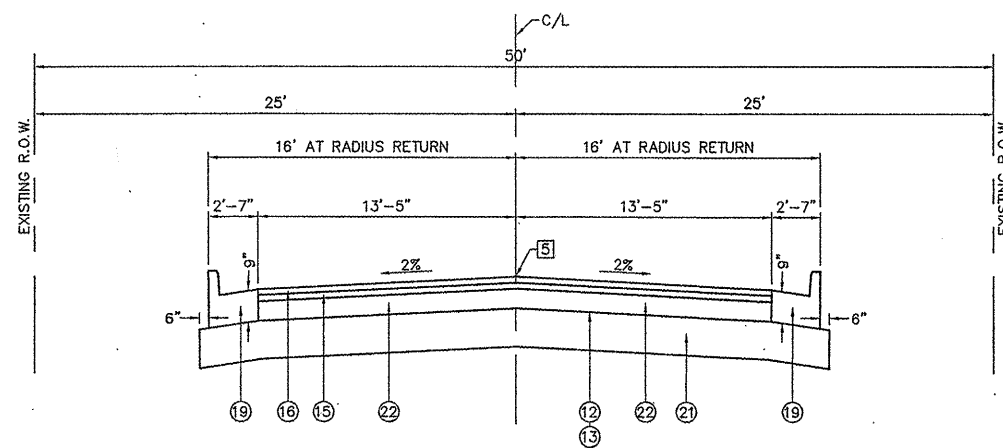
| NO. | DESCRIPTION |
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Sheppard, Morgan & Schwaab, Inc.
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 10 Central Industrial Drive, Granite City, IL 62040 618/877-5700 E-mail: ms@smsengineers.com
 DESIGN FIRM # 184-000992



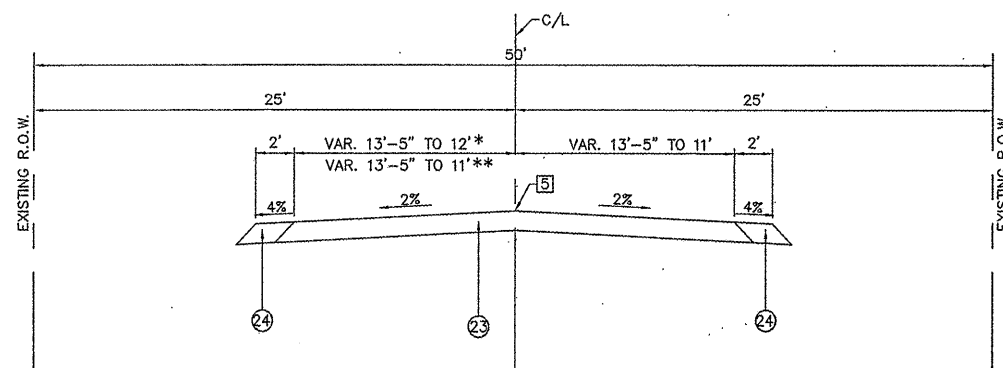
CITY OF ALTON, ILLINOIS
 SECTION 05-00218-01-WR
 FOSTERBURG ROAD - PHASE 2
 EXISTING TYPICAL SECTIONS

| | |
|---------------|--------------------------|
| DWG. NO. | |
| REF. BKG. PG. | |
| JOB NO. | 206612 |
| DSN. BY: | DEG |
| DWN. BY: | TMM |
| CHK. BY: | DEG |
| DATE: | JAN. 2011 |
| SCALE: | 1" = 5' H. 1" = 2' V. |
| SHEET | 4 OF 55 |



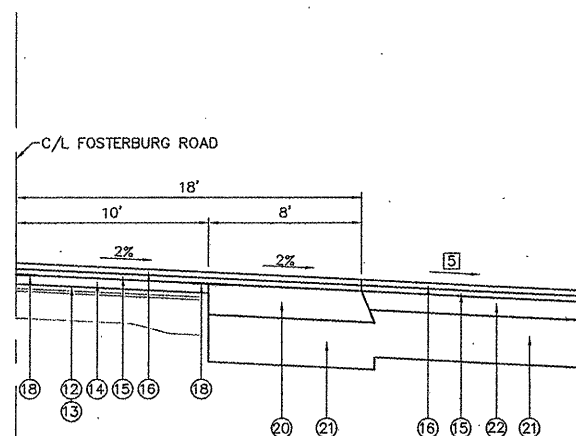
**PROPOSED TYPICAL SECTION
SIDE ROADS**

SCALE: 1" = 5' H.
1" = 2' V.
ALTON COMMERCE PKWY. STA. 0+18.02 TO STA. 0+50.80
STOREY LANE STA. 0+18.81 TO STA. 0+77.62



**PROPOSED TYPICAL SECTION
SIDE ROAD TRANSITION**

SCALE: 1" = 5' H.
1" = 2' V.
*ALTON COMMERCE PKWY. STA. 0+50.80 TO STA. 0+90
**STOREY LANE STA. 0+77.62 TO STA. 1+10



**PROPOSED TYPICAL SECTION
AT SIDE ROAD**

SCALE: 1" = 5' H.
1" = 2' V.
ALTON COMMERCE PKWY.
STOREY LANE

TYPICAL SECTION NOTES

- 1 SEE CROSS SECTIONS FOR GRADING BEYOND THE CURB AND GUTTER
- 2 SEE PLANS FOR CURB AND GUTTER TRANSITION FROM STA. 120+41 TO STA. 121+39
- 3 SEE BUTT JOINT DETAILS ON THE PLANS FOR RESURFACING TRANSITION FROM STA. 91+82 TO STA. 92+92
- 4 SEE BUTT JOINT DETAILS ON THE PLANS FOR RESURFACING TRANSITION FROM STA. 120+21 TO STA. 121+39
- 5 FOR SIDEROADS - SEE CROSS SECTIONS FOR PROFILE GRADES AND INTERSECTION DETAILS FOR SPOT ELEVATIONS.
- 6 THE TYPICAL SHOULDER CROSS SLOPE IS 4% EXCEPT WHERE SPECIAL CURB & GUTTER GRADES ARE SHOWN ON THE PLANS. AT THESE LOCATIONS, SHOULDER CROSS SLOPE VARIES FROM 2% MIN. TO 6% MAX.
- 7 AGGREGATE BASE COURSE, TYPE A 12" (7) WILL BE USED IN LIEU OF LIME MODIFIED SOIL (8) AT SIDE ROADS STA. 101+47.31 TO STA. 102+24.77 LT. AND STA. 111+69.01 TO STA. 112+64.91 RT. AND AT TRANSITIONS STA. 91+82 TO STA. 94+52 AND STA. 117+71 TO STA. 121+39.
- 8 THE PROPOSED LEVELING BINDER (9) IS NEEDED TO CORRECT CROSS SLOPE DEFICIENCIES. THIS MATERIAL SHALL BE PLACED TO RESULT IN A COMPACTED THICKNESS AT C/L OF 2 1/2" AND AT A 2% CROSS SLOPE OVER THE EXISTING 10' WIDE LANES. THIS MATERIAL WILL BE ALLOWED TO BE PLACED IN ONE LIFT REGARDLESS OF THICKNESS. THE QUANTITIES ARE BASED ON AN AVERAGE THICKNESS OF 2" ON THE RIGHT AND 2 1/2" ON THE LEFT.
- 9 THE PROPOSED LEVELING BINDER (9) IS INTENDED TO BE A 1 1/2" BINDER COURSE, HOWEVER DUE TO THE THICKNESS OF 1 1/2", LEVELING BINDER MATERIAL MUST BE USED.
- 10 THE PROPOSED C/L PROFILE GRADES SHOWN ON THE PLANS ARE BASED ON THE EXISTING C/L ELEVATION + 0.46'.
- 11 HOT-MIX ASPHALT SHOULDERS VARY IN THICKNESS (5"-8" +) FROM STA. 117+71 TO STA. 121+39. PAID FOR AS HOT-MIX ASPHALT SHOULDERS, 8".

PAVING LEGEND

- 1 EXISTING P.C. CONCRETE PAVEMENT (9"-7"-9" DESIGN)
- 2 EXISTING HMA BINDER COURSE 3/4"
- 3 EXISTING HMA SURFACE COURSE 1 1/4"
- 4 EXISTING HMA SHOULDERS, 2"±
- 5 EXISTING AGGREGATE SHOULDER
- 6 EXISTING HMA BASE COURSE WIDENING, 8"
- 7 EXISTING LEVELING BINDER
- 8 EXISTING HMA SURFACE COURSE 1 1/2"
- 9 EXISTING HMA SHOULDERS, 8"
- 10 PROPOSED LIME MODIFIED SOIL (SEE NOTE 7)
- 11 SUBBASE GRANULAR MATERIAL, TYPE C OR IMPROVED SUBGRADE
- 12 PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- 13 PROPOSED AGGREGATE (PRIME COAT)
- 14 PROPOSED LEVELING BINDER (MACHINE METHOD), N70 (2 1/2" AT C/L) (SEE NOTE 8)
- 15 PROPOSED LEVELING BINDER (MACHINE METHOD), N70 (1 1/2") (SEE NOTE 9)
- 16 PROPOSED HMA SURFACE COURSE, MIX "D", N70 (1 1/2")
- 17 PROPOSED HMA SHOULDERS, 8"
- 18 PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT
- 19 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- 20 PROPOSED HMA BASE COURSE WIDENING, 8"
- 21 PROPOSED AGGREGATE BASE COURSE, TYPE A 12" (SEE NOTE 7)
- 22 PROPOSED HMA BASE COURSE, 6"
- 23 PROPOSED INCIDENTAL HMA SURFACING (8")
- 24 PROPOSED AGGREGATE SHOULDERS, TYPE B, 8"
- 25 PROPOSED AGGREGATE SHOULDERS (SPECIAL) (TEMPORARY WEDGE)

| MIXTURE USE | MIX DESIGNS | | | | | |
|-----------------------------|----------------------------|----------------------------|------------------------------------|----------------------------|----------------------------|----------------------------|
| | SURFACE | LEVEL BINDER | BASE COURSE & BASE COURSE WIDENING | PATCHING | SHOULDERS | INCIDENTAL |
| AC/PG | PG 64-22 | PG 64-23 | PG 64-24 | PG 64-25 | PG 64-26 | PG 64-27 |
| MAX RAP % | | | | | | |
| DESIGN AIR VOIDS | 4% @ N _{DES} = 70 | 4% @ N _{DES} = 70 | 4% @ N _{DES} = 70 | 4% @ N _{DES} = 70 | 2% @ N _{DES} = 30 | 4% @ N _{DES} = 70 |
| MIX COMPOSITION (GRADATION) | IL - 9.5 OR IL12.5 | IL - 9.5 | IL - 19.0 | IL - 19.0 | IL - 19.0 | IL - 9.5 OR IL 12.5 |
| MIXTURE | | | | | | |
| FRICTION AGG | MIX D | MIX C | MIX C | MIX C | BAM | MIX D |

* SEE SPECIAL PROVISIONS

REVISIONS

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10 Central Industrial Drive, Granite City, IL 62040 618877-6700 E-mail: mail@smsengineers.com
DESIGN FIRM # 784-00992

SMS ENGINEERS

CITY OF ALTON, ILLINOIS
SECTION 05-00218-01-WR
FOSTERBURG ROAD - PHASE 2
SIDE ROAD TYPICAL SECTIONS

DWG. NO. FBR_PHS_2-FPT.dwg
REF. BK. PG.
JOB NO. 206612
DSN. BY: DEG
DWN. BY: TMM
CHK. BY: DEG
DATE: JAN, 2011
SCALE: 1" = 5' H.
1" = 2' V.
SHEET 6 OF 55

| EARTHWORK SCHEDULE | | | | | |
|--------------------------|----------------------------|---|-----------------------------|---|--------------------------------|
| LOCATION | EARTH EXCAVATION (CU. YD.) | EARTH EXCAVATION ADJUSTED FOR SHRINKAGE * (CU. YD.) | EMBANKMENT (FILL) (CU. YD.) | EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU. YD.) | FURNISHED EXCAVATION (CU. YD.) |
| STA. 91+50 TO 101+88.14 | 770 | 578 | 1232 | -655 | |
| STA. 101+88.14 TO 112+00 | 551 | 413 | 1348 | -936 | |
| STA. 112+00 TO 121+56 | 488 | 366 | 948 | -583 | |
| ALTON COMMERCE PARKWAY | 32 | 24 | 2 | 22 | |
| STOREY LANE | 107 | 80 | 11 | 69 | |
| Total | 1946 | 1461 | 3543 | -2082 | 2082 |

* ASSUME SHRINKAGE FACTOR = 25%

| TREE REMOVAL SCHEDULE | | | |
|-----------------------|---------|---------------------------------|---------------------------------|
| STATION | OFFSET | TREE REMOVAL 6 TO 15 UNITS DIA. | TREE REMOVAL OVER 15 UNITS DIA. |
| 97+48 | 33' LT. | | 30" |
| 98+13 | 28' LT. | 10" | |
| 98+18 | 31' LT. | 12" | |
| 98+25 | 38' LT. | 10" | |
| 98+26 | 31' LT. | 14" | |
| 98+31 | 32' LT. | 6" | |
| 98+32 | 31' LT. | 6" | |
| 98+34 | 32' LT. | 8" | |
| 98+36 | 36' LT. | | 18" |
| 98+47 | 32' LT. | 12" | |
| 98+47 | 37' LT. | | 48" |
| 98+51 | 38' LT. | 10" | |
| 98+68 | 33' LT. | | 24" |
| 98+70 | 33' LT. | 15" | |
| 99+16 | 30' LT. | | 24" |
| 99+49 | 36' LT. | | 20" |
| 99+93 | 36' LT. | | 24" |
| 100+08 | 32' LT. | | 18" |
| 100+24 | 33' LT. | | 20" |
| 100+24 | 36' LT. | | 20" |
| 110+05 | 49' LT. | | 24" |
| 110+45 | 50' LT. | 15" | |
| 110+63 | 52' LT. | 12" | |
| 113+01 | 40' LT. | 6" | |
| 113+12 | 39' LT. | 7" | |
| 113+14 | 39' LT. | 7" | |
| 113+16 | 40' LT. | 7" | |
| 113+16 | 40' LT. | 7" | |
| 113+26 | 37' LT. | 12" | |
| 113+31 | 40' LT. | 14" | |
| 113+42 | 39' LT. | 14" | |
| 113+54 | 37' LT. | | 30" |
| 113+56 | 35' LT. | 12" | |
| 113+56 | 33' LT. | 14" | |
| 113+63 | 37' LT. | 9" | |
| 113+66 | 28' LT. | 9" | |
| 113+67 | 31' LT. | 6" | |
| 114+23 | 28' LT. | 6" | |
| 114+41 | 41' LT. | 6" | |
| 114+44 | 50' LT. | 10" | |
| 114+44 | 51' LT. | 12" | |
| 114+61 | 47' LT. | 14" | |
| TOTALS | | 302.0 | 300.0 |

| PAVEMENT PATCHING SCHEDULE | | | | | | |
|----------------------------|---------------|--------------|--------------------------------------|---------|----------|---------|
| STATION TO STATION | LENGTH (FEET) | WIDTH (FEET) | CLASS "D" PATCHES, 11 INCH (SQ. YD.) | | | |
| | | | TYPE I | TYPE II | TYPE III | TYPE IV |
| 92+14 - 92+20 LT. | 6 | 10 | | 6.7 | | |
| 93+27 - 93+31 LT. | 4 | 10 | 4.4 | | | |
| 93+57 - 93+61 LT. | 4 | 4 | 1.8 | | | |
| 93+67 - 93+71 LT. | 4 | 10 | 4.4 | | | |
| 94+05 - 94+12 LT. | 7 | 10 | | 7.8 | | |
| 94+05 - 94+12 RT. | 7 | 10 | | 7.8 | | |
| 94+46 - 94+50 LT. | 4 | 10 | 4.4 | | | |
| 94+59 - 95+09 LT. | 50 | 4 | | | 22.2 | |
| 95+09 - 95+15 LT. | 6 | 10 | | 6.7 | | |
| 95+09 - 95+15 RT. | 6 | 10 | | 6.7 | | |
| 95+65 - 95+74 LT. | 9 | 10 | | 10.0 | | |
| 95+74 - 95+90 LT. | 16 | 4 | | 7.1 | | |
| 96+66 - 96+70 LT. | 4 | 10 | 4.4 | | | |
| 96+66 - 96+70 RT. | 4 | 10 | 4.4 | | | |
| 97+69 - 97+75 RT. | 6 | 10 | | 6.7 | | |
| 97+69 - 97+75 RT. | 6 | 10 | | 6.7 | | |
| 98+06 - 98+28 LT. | 20 | 3 | | 6.7 | | |
| 98+26 - 98+30 LT. | 4 | 10 | 4.4 | | | |
| 99+12 - 99+16 LT. | 4 | 10 | 4.4 | | | |
| 99+65 - 99+71 LT. | 6 | 10 | | 6.7 | | |
| 100+65 - 100+71 RT. | 6 | 10 | | 6.7 | | |
| 101+22 - 101+26 LT. | 4 | 10 | 4.4 | | | |
| 101+59 - 101+68 LT. | 9 | 10 | | 10.0 | | |
| 101+59 - 101+68 RT. | 9 | 10 | | 10.0 | | |
| 102+08 - 102+16 LT. | 8 | 10 | | 8.9 | | |
| 102+08 - 102+16 RT. | 8 | 10 | | 8.9 | | |
| 102+62 - 102+68 LT. | 6 | 10 | | 6.7 | | |
| 103+88 - 104+08 LT. | 20 | 10 | | | 22.2 | |
| 104+50 - 104+56 LT. | 6 | 10 | | 6.7 | | |
| 105+12 - 105+22 LT. | 10 | 10 | | 11.1 | | |
| 106+07 - 106+14 LT. | 7 | 10 | | 7.8 | | |
| 106+07 - 106+10 RT. | 3 | 10 | 3.3 | | | |
| 106+37 - 106+97 RT. | 60 | 4 | | | 26.7 | |
| 106+97 - 107+04 RT. | 7 | 10 | | 7.8 | | |
| 106+97 - 107+04 LT. | 7 | 10 | | 7.8 | | |
| 107+63 - 107+70 LT. | 7 | 10 | | 7.8 | | |
| 107+63 - 107+70 RT. | 7 | 10 | | 7.8 | | |
| 107+70 - 107+78 RT. | 8 | 8 | | 7.1 | | |
| 108+15 - 108+24 RT. | 9 | 10 | | 10.0 | | |
| 108+15 - 108+24 LT. | 9 | 10 | | 10.0 | | |
| 108+64 - 108+73 LT. | 9 | 10 | | 10.0 | | |
| 108+64 - 108+73 RT. | 9 | 10 | | 10.0 | | |
| 109+10 - 109+45 LT. | 35 | 4 | | | 15.6 | |
| 109+53 - 109+78 LT. | 25 | 10 | | | 27.8 | |
| 109+53 - 109+78 RT. | 25 | 10 | | | 27.8 | |
| 110+18 - 110+24 RT. | 6 | 10 | | 6.7 | | |
| 110+18 - 110+24 LT. | 6 | 10 | | 6.7 | | |
| 110+65 - 110+67 LT. | 12 | 10 | | 13.3 | | |
| 110+61 - 110+67 RT. | 6 | 10 | | 6.7 | | |
| 111+10 - 111+16 RT. | 6 | 10 | | 6.7 | | |
| 111+10 - 111+16 LT. | 6 | 10 | | 6.7 | | |
| 111+60 - 111+65 RT. | 5 | 10 | | 5.6 | | |
| 111+60 - 111+65 LT. | 5 | 10 | | 5.6 | | |
| 112+10 - 112+20 LT. | 10 | 10 | | 11.1 | | |
| 112+10 - 112+20 RT. | 10 | 10 | | 11.1 | | |
| 112+54 - 112+57 RT. | 3 | 10 | 3.3 | | | |
| 112+54 - 112+57 LT. | 3 | 10 | 3.3 | | | |
| 112+67 - 112+71 LT. | 4 | 10 | 4.4 | | | |
| 112+67 - 112+71 RT. | 4 | 10 | 4.4 | | | |
| 113+21 - 113+31 RT. | 10 | 10 | | 11.1 | | |
| 113+21 - 113+31 LT. | 10 | 10 | | 11.1 | | |
| 114+02 - 114+06 RT. | 3 | 10 | 3.3 | | | |
| 114+15 - 114+20 LT. | 5 | 10 | | 5.6 | | |
| 114+36 - 114+42 LT. | 6 | 10 | | 6.7 | | |
| 115+14 - 115+17 LT. | 3 | 10 | 3.3 | | | |
| 115+38 - 116+74 RT. | 136 | 3 | | | 45.3 | |
| 115+57 - 115+63 RT. | 6 | 7 | 4.7 | | | |
| 115+57 - 115+63 LT. | 6 | 10 | | 6.7 | | |
| 116+58 - 116+64 RT. | 6 | 7 | 4.7 | | | |
| 116+58 - 116+64 LT. | 6 | 10 | | 6.7 | | |
| 117+09 - 117+15 RT. | 6 | 10 | | 6.7 | | |
| 117+09 - 117+15 LT. | 6 | 10 | | 6.7 | | |
| 117+35 - 117+45 LT. | 10 | 10 | | 11.1 | | |
| 117+35 - 117+45 RT. | 10 | 10 | | 11.1 | | |
| 117+48 - 117+51 RT. | 3 | 7 | 2.3 | | | |
| 117+60 - 117+66 LT. | 6 | 11 | | 7.3 | | |
| 117+60 - 117+66 RT. | 6 | 11 | | 7.3 | | |
| TOTALS | | | 74.0 | 419.7 | 60.0 | 127.6 |

STORM SEWERS

| | | | | | |
|----|----------|---|-----|-----------|---|
| 32 | 32 TO 31 | 78 FT. 18" SS2 @ 1.35% 60.4 C.Y. T.B. | 41 | 41 TO 32 | 9 FT. 12" SS2 @ 0.40% 0.3 C.Y. T.B. |
| 33 | 33 TO 32 | 70 FT. 18" SS2 @ 1.30% 16.6 C.Y. T.B. | 42 | 42 TO 35 | 38 FT. 12" SS1 @ 0.45% 1.1 C.Y. T.B. |
| 34 | 34 TO 33 | 18 FT. 18" SSI @ 1.30% 0.0 C.Y. T.B. | 43 | 43 TO 36 | 27 FT. 18" SSI @ 0.45% 0.3 C.Y. T.B. |
| 35 | 35 TO 34 | 29 FT. 18" SSI @ 1.30% 8.1 C.Y. T.B. | 45A | 45A TO 46 | 78 FT. 12" SS2 @ 1.00% 21.7 C.Y. T.B. |
| 36 | 36 TO 35 | 39 FT. 18" SSI @ 1.00% 7.5 C.Y. T.B. | 46 | 47 TO 46 | 77 FT. 12" SS2 @ 1.00% 63.4 C.Y. T.B. |
| 37 | 37 TO 36 | 59 FT. 15" SSI @ 0.40% 6.2 C.Y. T.B. | 47 | 48 TO 47 | 199 FT. 12" SS2 @ 1.00% 125.8 C.Y. T.B. |
| 38 | 38 TO 37 | 125 FT. 15" SSI @ 0.30% 33.8 C.Y. T.B. | 48 | 49 TO 48 | 125 FT. 12" SS2 @ 1.00% 37.4 C.Y. T.B. |
| 40 | 40 TO 31 | 11 FT. 12" SS2 @ 0.40% 1.9 C.Y. T.B. | 50 | 46 TO 51 | 26 FT. 24" SS2 @ 0.62% (INCLUDES END SECTION) 0.0 C.Y. T.B. |

DRAINAGE STRUCTURES

- | | | | | | |
|----|---|----|---|----|--|
| 31 | MH TY. A 5' DIA. TY. 3V STA. 110+22, 25.54' RT. T.C. = 493.68 12" S.W. F.L. = 488.86 12" S.E. F.L. = 487.14 18" N.E. F.L. = 486.64 18" N.W. F.L. = 486.64 | 40 | INLETS, SPECIAL, NO. 2 STA. 110+22, 36.50' RT. T.C. = 491.33 THROAT F.L. = 490.50 12" N.W. F.L. = 487.18 | 47 | INLET TY. B-15 STA. 111+00, 27.29' RT. T.C. = 493.45 12" N.E. F.L. = 487.17 12" S.W. F.L. = 487.07 |
| 32 | INLET TY. B-15 STA. 111+00, 27.29' RT. T.C. = 493.45 12" S.E. F.L. = 488.19 18" N.E. F.L. = 487.69 18" S.W. F.L. = 487.69 | 41 | INLETS, SPECIAL, NO. 2 STA. 111+00, 36.50' RT. T.C. = 491.33 THROAT F.L. = 490.50 12" N.W. F.L. = 488.23 | 48 | INLET TY. B-3V STA. 113+00, 25.54' LT. T.C. = 494.24 12" N.E. F.L. = 489.26 12" S.W. F.L. = 489.16 |
| 33 | INLETS, SPECIAL, NO. 2 STA. 111+69.01, 36.50' RT. T.C. = 491.33 THROAT F.L. = 490.50 18" N.E. F.L. = 488.60 18" S.W. F.L. = 488.60 | 42 | PRCF END SECTION 12" STA. 0+85, 21.22' RT. (STOREY LANE) F.L. = 489.88 | 49 | INLET TY. B-3V STA. 114+25, 25.54' LT. T.C. = 494.87 12" N.E. F.L. = 490.61 12" S.W. F.L. = 490.51 |
| 34 | INLET TY. B-1 CLOSED LID STA. 111+86.08, 33.03' RT. RIM = 493.39 18" E. F.L. = 488.83 18" S.W. F.L. = 488.83 | 43 | PRCF END SECTION 18" STA. 0+85, 21.70' LT. (STOREY LANE) F.L. = 489.72 | 51 | PRCF END SECTION 24" STA. 110+28.18, 51.15' LT. F.L. = 484.42 |
| | | 44 | INLET TY. B-3V STA. 113+00, 25.54' RT. T.C. = 494.24 15" N.E. F.L. = 490.09 15" S.W. F.L. = 490.09 | | |
| | | 45 | INLET TY. B-3V STA. 114+25, 25.54' RT. T.C. = 494.87 12" N.E. F.L. = 490.71 15" S.W. F.L. = 490.46 | | |
| | | 46 | MH TY. A 5' DIA. TY. 3V STA. 110+23, 25.54' LT. T.C. = 493.68 12" S.W. F.L. = 488.98 12" N.E. F.L. = 486.30 18" S.E. F.L. = 484.58 24" N.W. F.L. = 484.58 | | |

| MAILBOX SCHEDULE | | |
|------------------|---------|--------------------------------|
| STATION | OFFSET | MAILBOX REMOVAL AND RELOCATION |
| 101+94 | 19' RT. | 3 |
| 103+82 | 22' RT. | 1 |
| 105+42 | 20' RT. | 1 |
| 109+69 | 21' RT. | 1 |
| 109+63 | 21' RT. | 1 |
| 115+73 | 22' RT. | 2 |
| 115+76 | 22' RT. | 1 |
| 118+86 | 19' RT. | 1 |
| TOTAL | | 11 |

| | | | | | |
|-----------|--|--|--|--|--|
| REVISIONS | | | | | |
|-----------|--|--|--|--|--|

SMS ENGINEERS
 Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 215 West Street, P.O. Box E, Alton, IL 62002, 618/462-2725, E-mail: ms@smseng.com
 10 Central Industrial Drive, Danville, IL 62006, 618/977-2070, E-mail: ms@smseng.com
 DESIGN FIRM # 184-000992

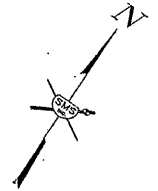
CITY OF ALTON, ILLINOIS
 SECTION 05-00218-01-WR
 FOSTERBURG ROAD - PHASE 2
 SCHEDULES OF QUANTITIES

DWG. NO.
 TBR-PRC2-DETAILS-GENERAL NOTES
 REF. BK. PG.
 JOB NO. 206612
 DES. BY: DEG
 DWN. BY: DEG
 CHK. BY: DEG
 DATE: SEPT. 2010
 SCALE:
 SHEET 7 OF 55

CONTRACT NO. 97456



SCALE IN FEET



DRAINAGE STRUCTURES

- ⑤ INLET TY. B-15
STA. 96+90, 27.29' RT.
T.C. = 495.70
12" N.E. F.L. = 491.84
12" S.W. F.L. = 491.74
- ⑥ INLET TY. A-15
STA. 98+50, 27.29' RT.
T.C. = 495.87
12" S.W. F.L. = 492.87
- ⑭ INLET TY. B-15
STA. 96+90, 27.29' LT.
T.C. = 495.70
12" N.E. F.L. = 492.08
12" S.W. F.L. = 492.08
- ⑮ INLET TY. A-15
STA. 98+50, 27.29' LT.
T.C. = 495.87
12" S.W. F.L. = 493.40

STORM SEWERS

- ⑤ ⑤ TO ④ 232 FT. 12" SS2 @ 0.50%
57.2 C.Y. T.B.
- ⑥ ⑥ TO ⑤ 160 FT. 12" SSI @ 0.64%
26.0 C.Y. T.B.
- ⑮ ⑭ TO ⑬ 232 FT. 12" SSI @ 0.35%
45.0 C.Y. T.B.
- ⑯ ⑮ TO ⑭ 160 FT. 12" SSI @ 0.83%
21.1 C.Y. T.B.

BENCHMARKS: SEE SHEET NO. 2

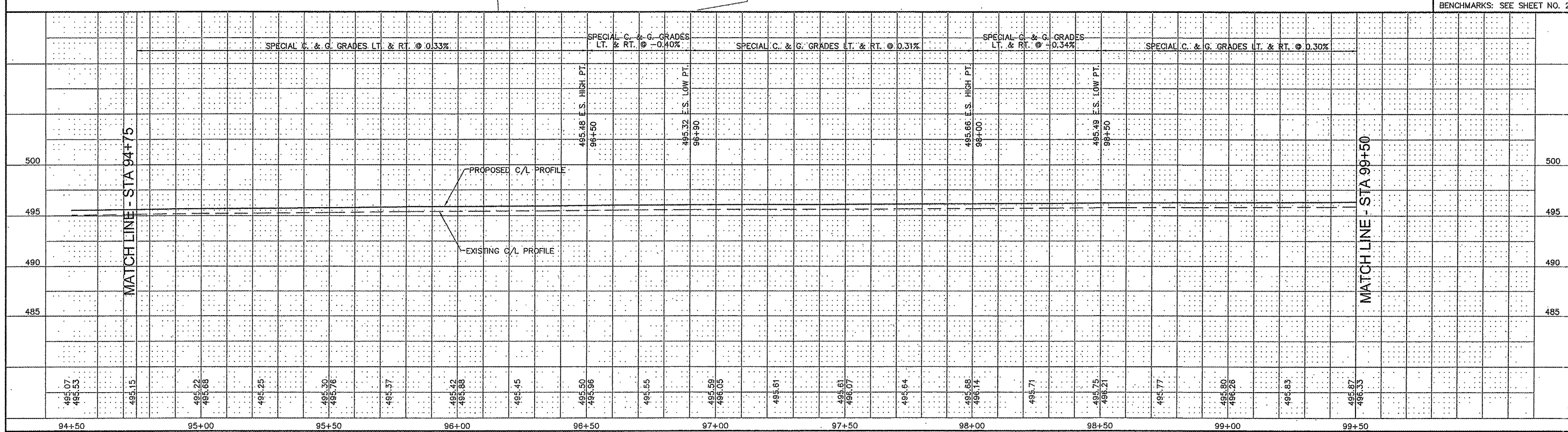
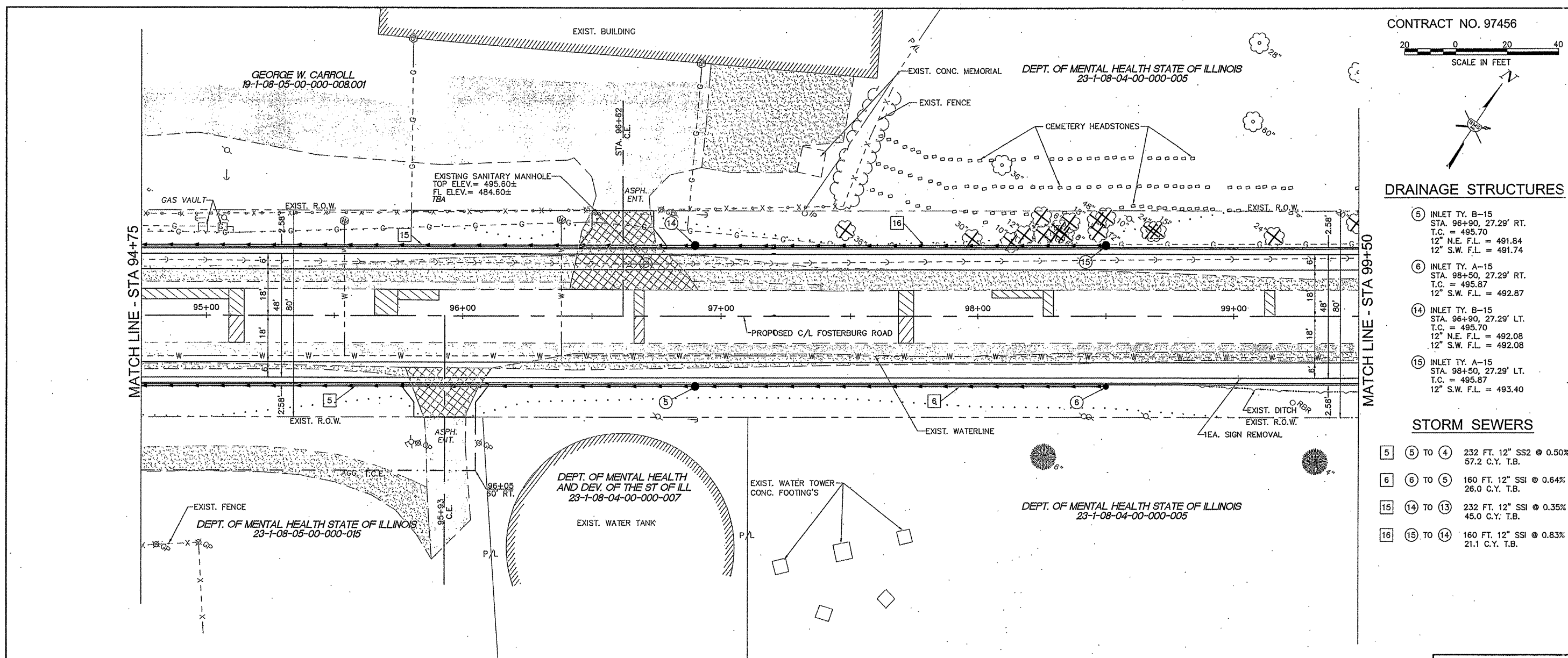
REVISIONS

Sheppard, Morgan & Schwaab, Inc.
CONSULTING ENGINEERS AND LAND SURVEYORS
215 Market Street, P.O. Box E, Alton, IL 62002 618462-9755 E-mail: ms@smshg.com
10 Central Industrial Drive, Granite City, IL 62040 618677-4700 E-mail: ms@smshg.com
DESIGN FIRM # 184-000992



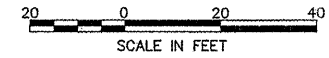
CITY OF ALTON, ILLINOIS
SECTION 05-00218-01-WR
FOSTERBURG ROAD - PHASE 2
PLAN AND PROFILE

DWG. NO.
FBR_PHS_2-PP2.dwg
REF. BK. PG.
JOB NO. 206612
DSN. BY: DEG
DWN. BY: CDP
CHK. BY: DEG
DATE: JAN, 2011
SCALE: 1" = 20' H.
1" = 5' V.
SHEET 9 OF 55

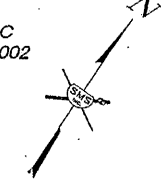


MANN'S LARRY
23-1-08-04-01-101-003

CONTRACT NO. 97456



P/L LONG, ROBERT C
19-1-08-04-01-101-002



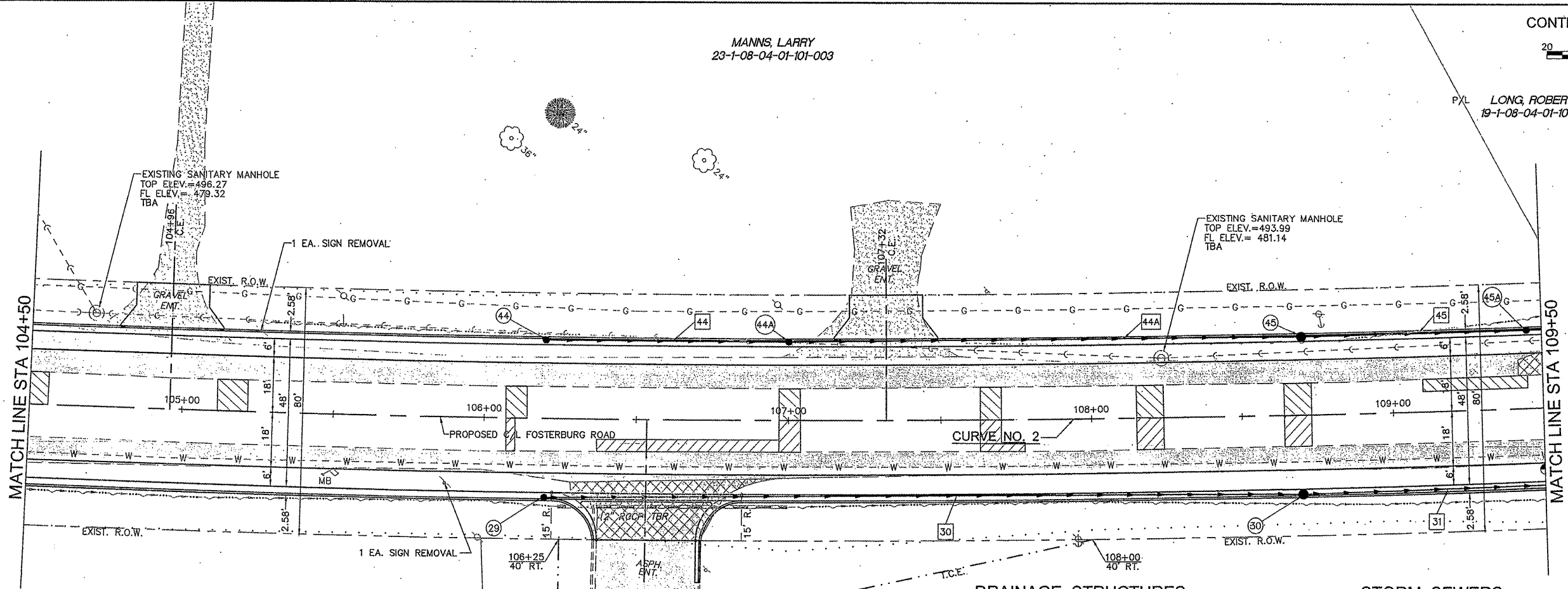
REVISIONS

Sheppard, Morgan & Schwaab, Inc.
CONSULTING ENGINEERS AND LAND SURVEYORS
215 Market Street, P.O. Box E, Alton, IL 62002 618/462-9755 E-mail: mas@smsengineers.com
10 Central Industrial Drive, Granite City, IL 62040 618/877-8700 E-mail: mas@smsengineers.com
DESIGN FIRM # 184-000992



CITY OF ALTON, ILLINOIS
SECTION 05-00218-01-WR
FOSTERBURG ROAD - PHASE 2
PLAN AND PROFILE

DWG. NO. FBR PHS 2-PP4.dwg
REF. BK. PG.
JOB NO. 206612
DSN. BY. DEG
DWN. BY. CDP
CHK. BY. DEG
DATE: JAN, 2011
SCALE: 1" = 20' H.
1" = 5' V.
SHEET 11 OF 55



CENTERLINE CURVE DATA

CURVE NO. 2
P.I. STA.=107+14.28
Δ=10°22'15"
D=00°50'26"
T=618.67
R=6817.14'
L=1233.95'
E=28.01'
P.C. STA.=100+94.61
P.T. STA.=113+28.56
SUPER ELEV.=NONE

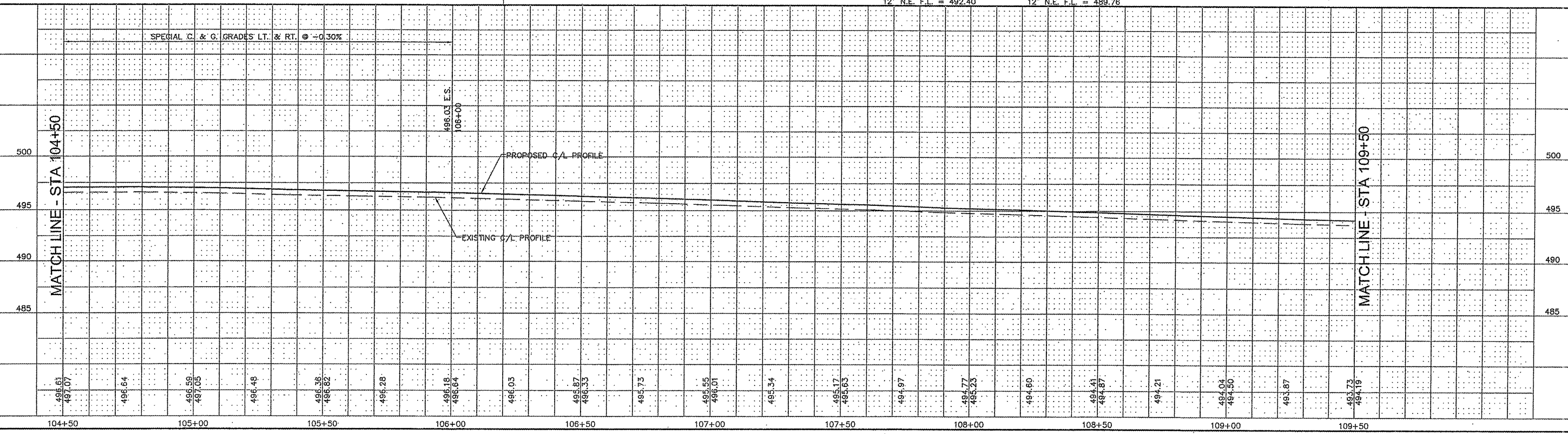
DEPT OF MENTAL HEALTH STATE OF ILLINOIS
23-1-08-04-00-000-005

DEPT OF MENTAL HEALTH STATE OF ILLINOIS
23-1-08-04-00-000-006

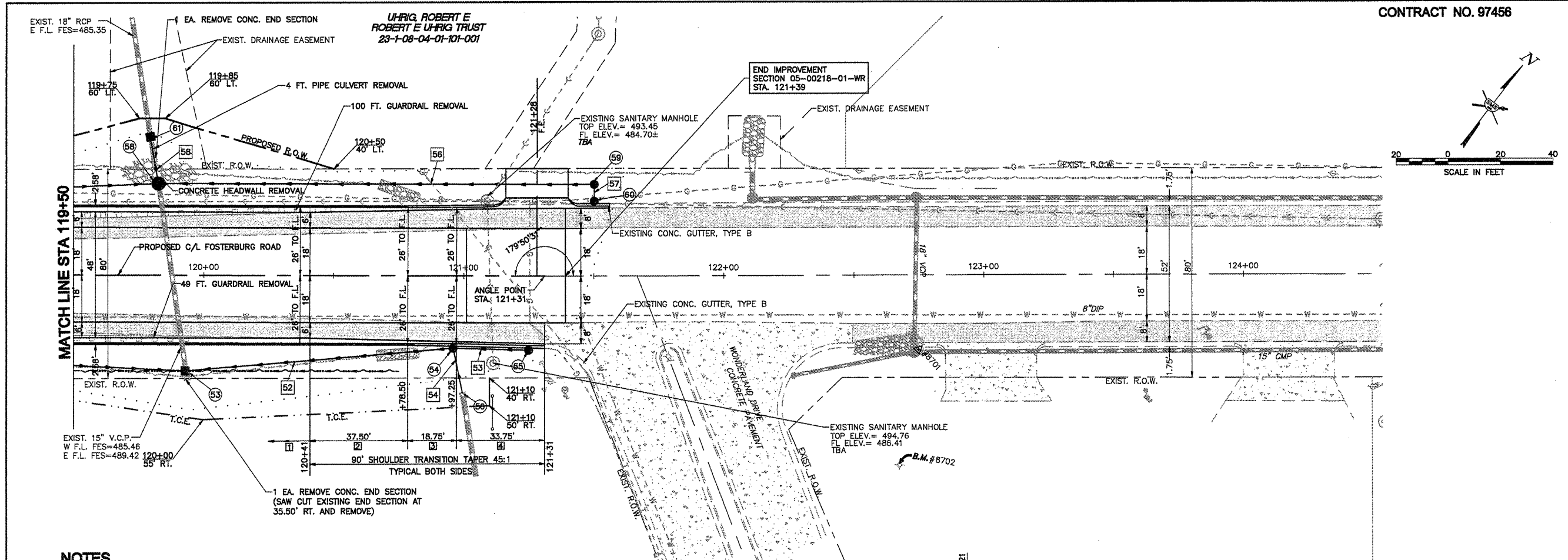
- DRAINAGE STRUCTURES**
- 29 INLET TY. A-3V (SPECIAL)
STA. 106+20, 25.54' RT.
T.C. = 496.30
12" N.E. F.L. = 493.30
 - 30 INLET TY. B-3V (SPECIAL)
STA. 108+70, 25.54' RT.
T.C. = 494.49
12" S.W. F.L. = 490.49
12" N.E. F.L. = 490.39
 - 44A INLET TY. B-3V (SPECIAL)
STA. 107+00, 25.54' RT.
T.C. = 495.79
12" S.W. F.L. = 492.50
12" N.E. F.L. = 492.40
 - 44 INLET TY. A-3V (SPECIAL)
STA. 106+20, 25.54' LT.
T.C. = 496.30
12" N.E. F.L. = 493.30
 - 45 INLET TY. B-3V (SPECIAL)
STA. 108+70, 25.54' LT.
T.C. = 494.49
12" S.W. F.L. = 490.71
12" N.E. F.L. = 490.61
 - 45A INLET TY. B-3V (SPECIAL)
STA. 109+45, 25.54' LT.
T.C. = 494.00
12" S.W. F.L. = 489.88
12" N.E. F.L. = 489.76

- STORM SEWERS**
- 30 29 TO 30 251 FT. 12" SSI @ 1.12%
46.1 C.Y. T.B.
 - 31 30 TO 31 153 FT. 12" SS2 @ 1.00%
42.5 C.Y. T.B.
 - 44 44 TO 44A 80 FT. 12" SSI @ 1.00%
11.4 C.Y. T.B.
 - 44A 44A TO 45 169 FT. 12" SSI @ 1.00%
32.8 C.Y. T.B.
 - 45 45 TO 45A 75 FT. 12" SSI @ 1.00%
17.7 C.Y. T.B.

SPECIAL C. & G. GRADES LT. & RT. @ -0.30%



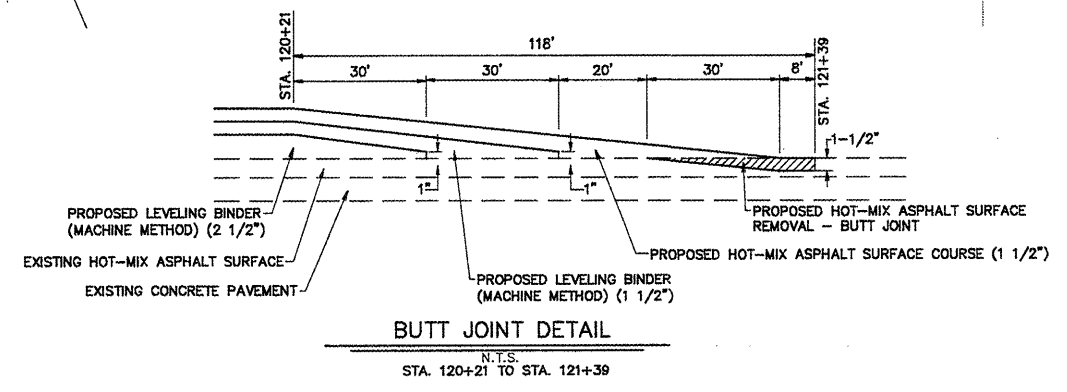
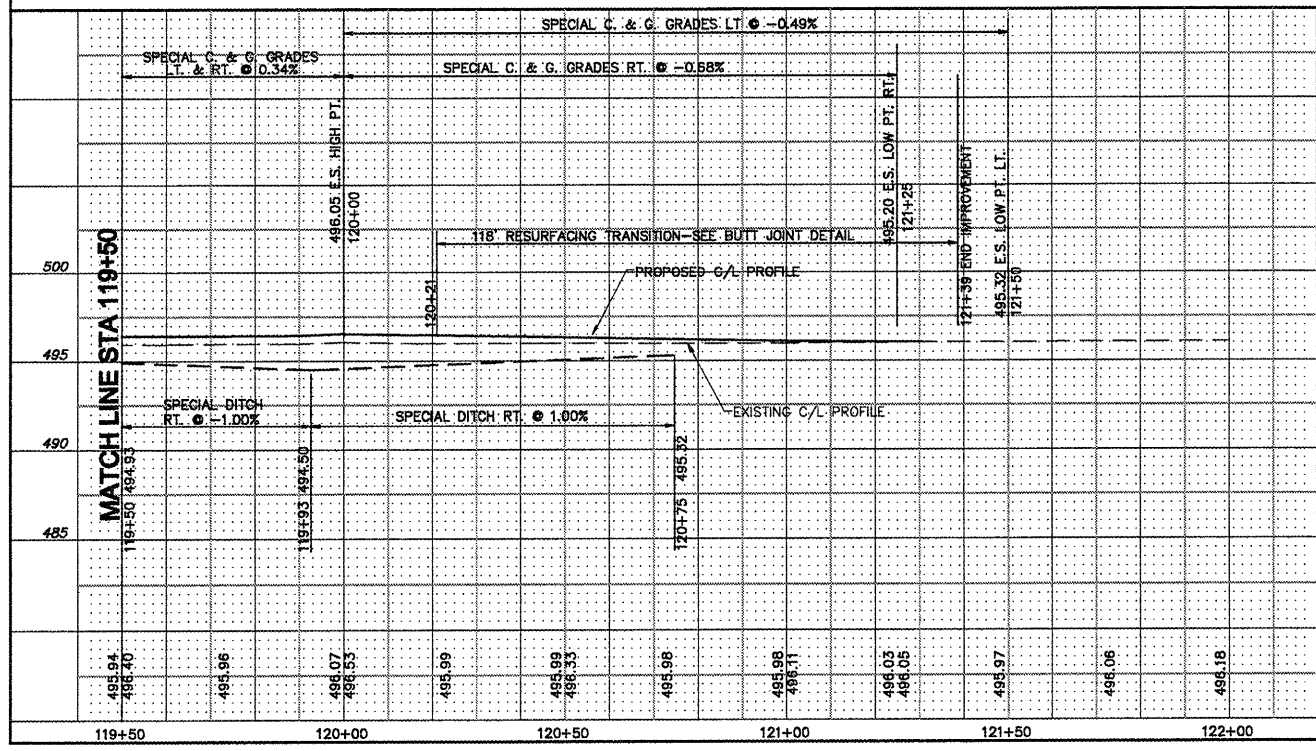
UHRIG, ROBERT E.
ROBERT E UHRIG TRUST
23-1-08-04-01-101-001



NOTES

- 1 COMB. CONC. C. & G. TY. B-6.24
- 2 COMB. CONC. C. & G. TY. B-6.24 (VARIABLE WIDTH GUTTER FLAG)
- 3 CONCRETE GUTTER TRANSITION
- 4 CONCRETE GUTTER TYPE B (SPECIAL)

STOREY, ROSE MARY
ROSE MARY STOREY DECLARATION OF TRUST
23-1-08-04-01-101-005



DRAINAGE STRUCTURES

- 53 FLUSH INLET BOX STD. 542546 STA. 119+93, 36.50' RT. TOP = 494.50
12" S.W. F.L. = 490.82
18" N.E. F.L. = 491.25
18" N.W. F.L. = 489.42
- 54 INLET TY. B-15 STA. 120+96, 27.70' RT. T.C. = 495.81
12" N.E. F.L. = 492.26
18" E. F.L. = 492.07
12" S.W. F.L. = 492.07
- 55 INLET TY. A-15 STA. 121+25, 28.34' RT. T.C. = 495.61
12" S.W. F.L. = 492.61
- 56 EXISTING 18" CMP F.L. = 494.78± REMOVE EXISTING METAL END SECTION AND MAKE CONNECTION WITH 18" METAL BAND INCLUDED IN THE COST OF STORM SEWER CONNECTION.
- 58 MH TY. A 5' DIA. TY. 1-CLOSED LID STA. 119+82.46, 35' LT. RIM = 494.00
12" S.W. F.L. = 490.92
12" N.E. F.L. = 489.67
EX. 18" S.E. F.L. = 485.46
18" N.W. F.L. = 485.46
- 59 INLET TY. B-1 CLOSED LID STA. 121+50, 35' LT. RIM = 495.50
12" S.E. F.L. = 491.20
12" S.W. F.L. = 491.10
- 60 INLET TY. A-15 STA. 121+50, 28.48' LT. T.C. = 495.73
12" N.W. F.L. = 492.65
- 61 FLUSH INLET BOX STD. 542546 STA. 119+79.26, 53' LT. TOP = 489.00
18" N.W. F.L. = 485.06±
18" S.E. F.L. = 485.06±

STORM SEWERS

- 52 54 TO 53 103 FT. 18" SSI @ 0.80% 5.1 C.Y. T.B.
- 53 55 TO 54 29 FT. 12" SSI @ 1.20% 4.1 C.Y. T.B.
- 54 56 TO 54 1 EA. STORM SEWER CONNECTION (PROVIDE APPROX. 17 FT. OF PIPE CULVERTS CLASS C MATERIAL TO EXTEND EXISTING 18" CMP) 0.1 C.Y. T.B.
- 56 59 TO 56 168 FT. 12" SS2 @ 0.85% 9.3 C.Y. T.B.
- 57 60 TO 59 7 FT. 12" SS2 @ 1.00% 0.4 C.Y. T.B.
- 58 58 TO EX 18 FT. 18" SS2 @ 1.00% 0.0 C.Y. T.B.

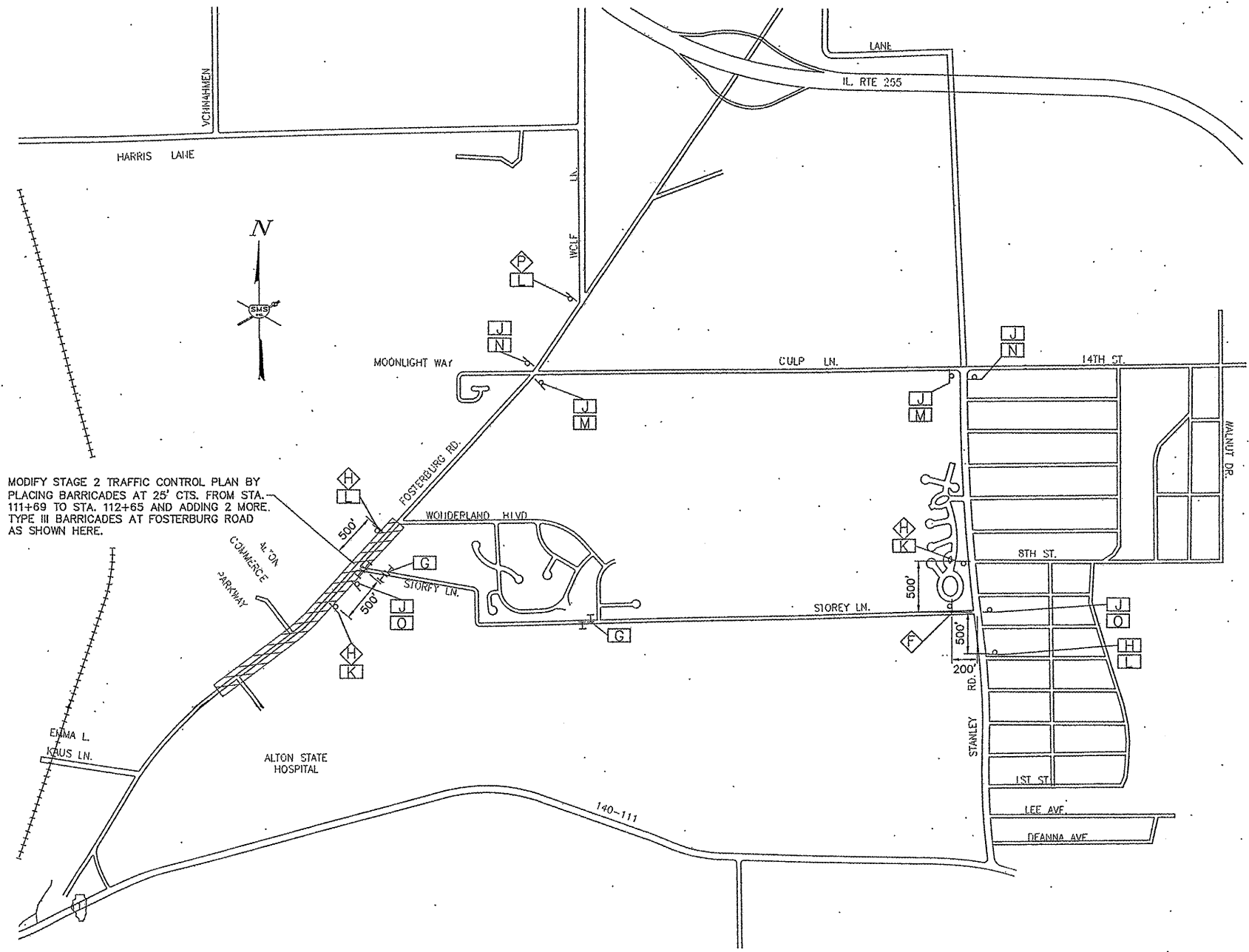
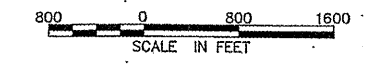
REVISIONS

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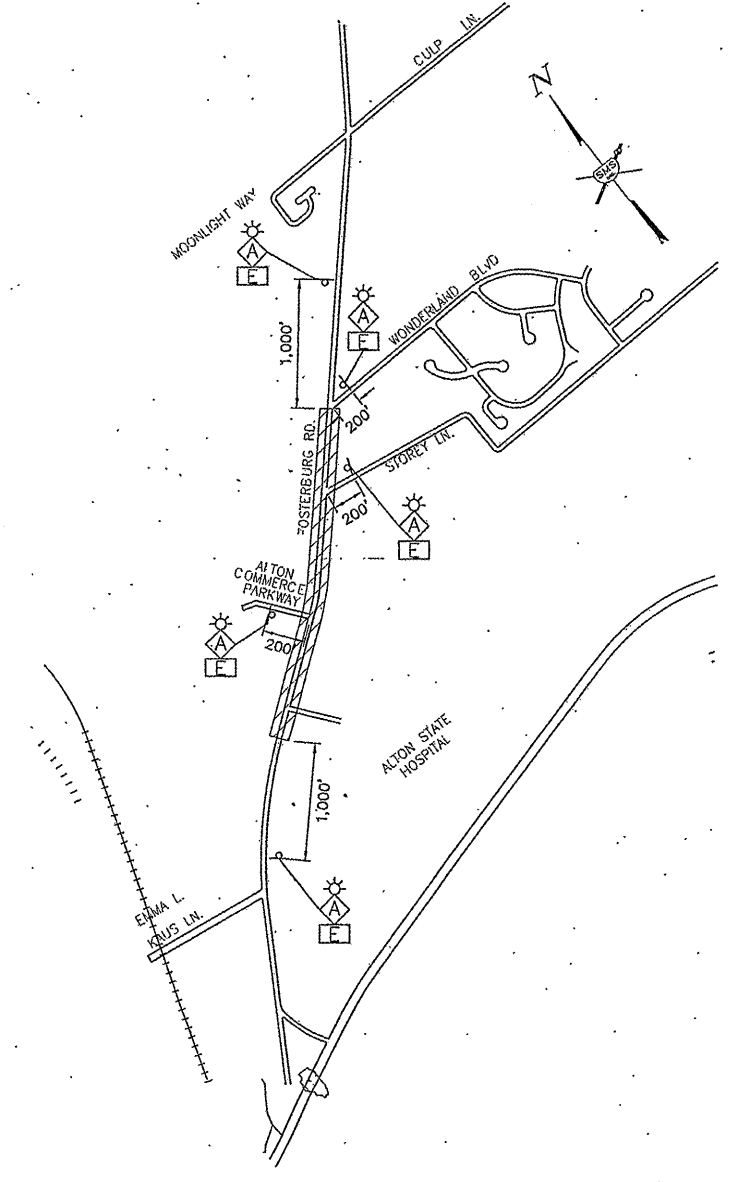
SMS Sheppard, Morgan & Schwaab, Inc.
ENGINEERS
CONSULTING ENGINEERS AND LAND SURVEYORS
215 Market Street, P.O. Box E, Alton, IL 62002 618-242-8755 E-mail: mail@sms-engineers.com
19 Central Industrial Drive, Granite City, IL 62040 618-777-5700 E-mail: mail@sms-engineers.com
DESIGN FIRM # 184-000992

CITY OF ALTON, ILLINOIS
SECTION 05-00218-01-WR
FOSTERBURG ROAD - PHASE 2
PLAN AND PROFILE

DWG. NO. FBR PHS 2-PP7.dwg
REF. BK. PG.
JOB NO. 206612
DSN. BY: DEG
DWN. BY: CDP
CHK. BY: DEG
DATE: JAN, 2011
SCALE: 1" = 20' H.
1" = 5' V.
SHEET 14 OF 55



OPTIONAL TRAFFIC DETOUR PLAN
FOR STOREY LANE



GENERAL TRAFFIC CONTROL PLAN
STAGES 1, 2 AND 3

TRAFFIC CONTROL NOTES

1. THE GENERAL TRAFFIC CONTROL PLAN SHOWS REQUIRED SIGNING AND TRAFFIC CONTROL DEVICES. ADDITIONAL TRAFFIC CONTROL SHALL BE PROVIDED AS SPECIFIED BELOW AND IN ACCORDANCE WITH THE SPECIFIED HIGHWAY STANDARDS AND THE TRAFFIC CONTROL PLAN IN THE SPECIAL PROVISIONS.
2. DURING STAGE 1, THE CONTRACTOR SHALL PROVIDE ADDITIONAL TRAFFIC CONTROL AS APPLICABLE IN ACCORDANCE WITH THE FOLLOWING HIGHWAY STANDARDS:
 - 701008
 - 701011
 - 701201
 - 701301
 - 701306
 - 701326
 - 701901
3. DURING STAGE 1 CONSTRUCTION OF THE FIRST LEVELING BINDER COURSE, THE CONTRACTOR SHALL POST SIGN W8-17-48"x48" (SHOULDER DROP OFF) ON FOSTERBURG ROAD AT THE BEGINNING OF THE PROJECT FOR EACH DIRECTION UNTIL THE TEMPORARY AGGREGATE SHOULDERS ARE PLACED. THIS SIGN SHALL BE RE-POSTED AND REMAIN IN PLACE FOR SOUTH BOUND TRAFFIC WHEN APPLICABLE DURING THE REMAINDER OF STAGE 1.
4. DURING STAGE 2, THE CONTRACTOR SHALL PROVIDE ADDITIONAL TRAFFIC CONTROL IN ACCORDANCE WITH THE STAGE 2 TRAFFIC CONTROL PLAN AND AS APPLICABLE IN ACCORDANCE WITH THE FOLLOWING HIGHWAY STANDARDS:
 - 701006
 - 701011
 - 701201
 - 701301
 - 701306
 - 701311
 - 701901

TRAFFIC CONTROL LEGEND

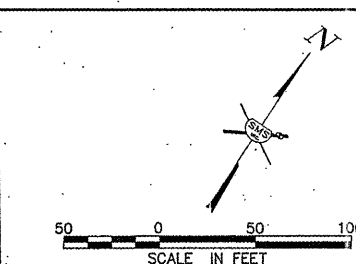
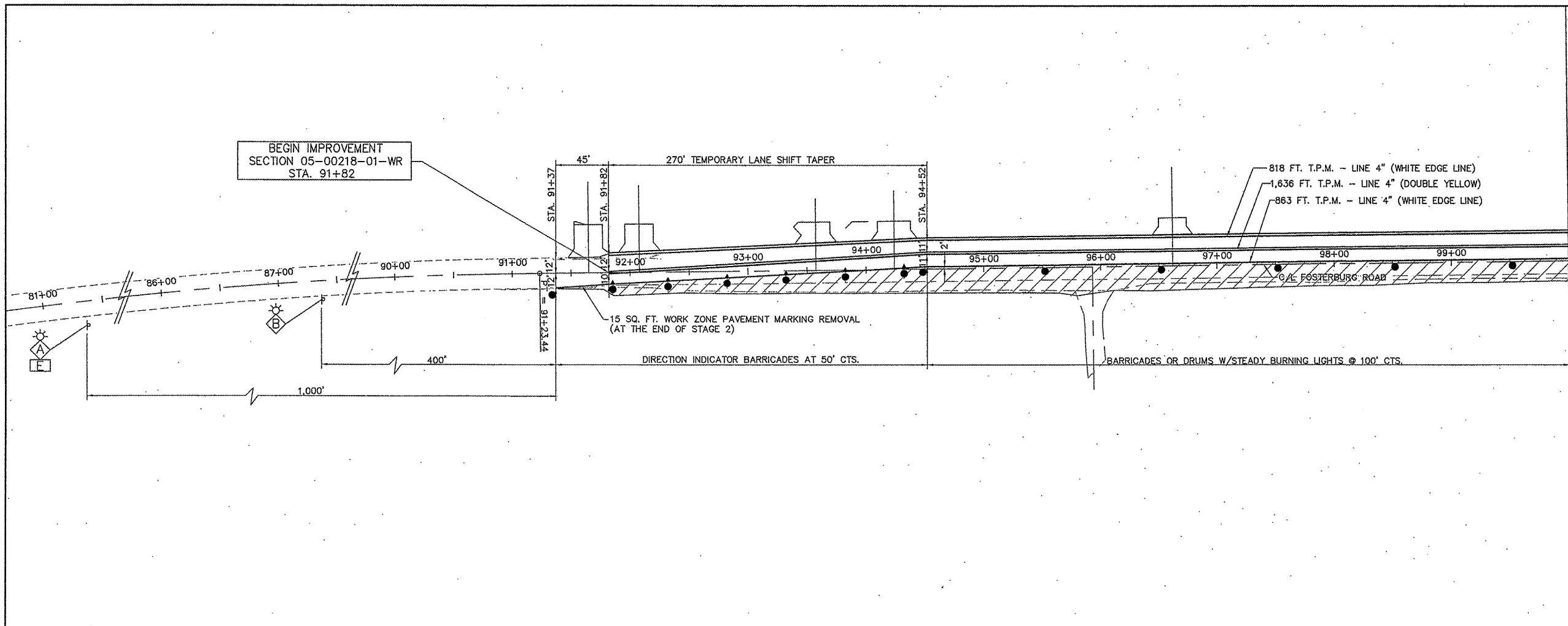
- WORK AREA
- TYPE III BARRICADE WITH REFLECTORIZED STRIPING ON BOTH SIDES WITH FLASHING LIGHTS
- MONO DIRECTIONAL FLASHING LIGHT
- SIGN "ROAD CONSTRUCTION AHEAD" W20-1(O) - 48" x 48"
- SIGN "SINGLE LANE SHIFT LEFT" W1-4(L) 48" x 48"
- SIGN "SINGLE LANE SHIFT RIGHT" W1-4(R) 48" x 48"
- SIGN "TWO WAY TRAFFIC" W6-3(O) 48" x 48"
- SIGN "35 MPH" W13-IP 24" x 24"
- SIGN "ROAD CLOSED AHEAD" W20-3 48" x 48"
- SIGN "ROAD CLOSED" R11-2 48" x 36"
- SIGN "STOREY LANE CLOSED" 48" x 48" BLACK LETTERS ON ORANGE BACKGROUND
- SIGN "STOREY LANE CLOSED 1/2 MILE AHEAD" 48" x 48" BLACK LETTERS ON ORANGE BACKGROUND
- SIGN "STOREY LANE" 24" x 24" BLACK LETTERS ON ORANGE BACKGROUND
- SIGN BLACK ARROW ON ORANGE BACKGROUND 24" x 18"
- SIGN BLACK ARROW ON ORANGE BACKGROUND 24" x 18"
- SIGN M4-9R 30" x 24"
- SIGN M4-9L 30" x 24"
- SIGN BLACK LETTERS ON ORANGE BACKGROUND 30" x 24"
- SIGN "STOREY LANE CLOSED 3/4 MILE AHEAD" 48" x 48" BLACK LETTERS ON ORANGE BACKGROUND

| REVISIONS |
|-----------|
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| |
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| |

SMS ENGINEERS
Sheppard, Morgan & Schwaab, Inc.
CONSULTING ENGINEERS AND LAND SURVEYORS
215 Market Street, P.O. Box E, Alton, IL 62002 618462-9765 E-mail: sma@smsengineers.com
10 Central Industrial Drive, Granite City, IL 62040 618877-9700 E-mail: mail@smsengineers.com
DESIGN FIRM # 184-000992

CITY OF ALTON, ILLINOIS
SECTION 05-00218-01-WR
FOSTERBURG ROAD - PHASE 2
TRAFFIC CONTROL PLAN

DWG. NO.
REF. PKG.
JOB NO. 206612
DSN. BY: DEG
DWN. BY: CDP
CHK. BY: DEG
DATE: JAN, 2011

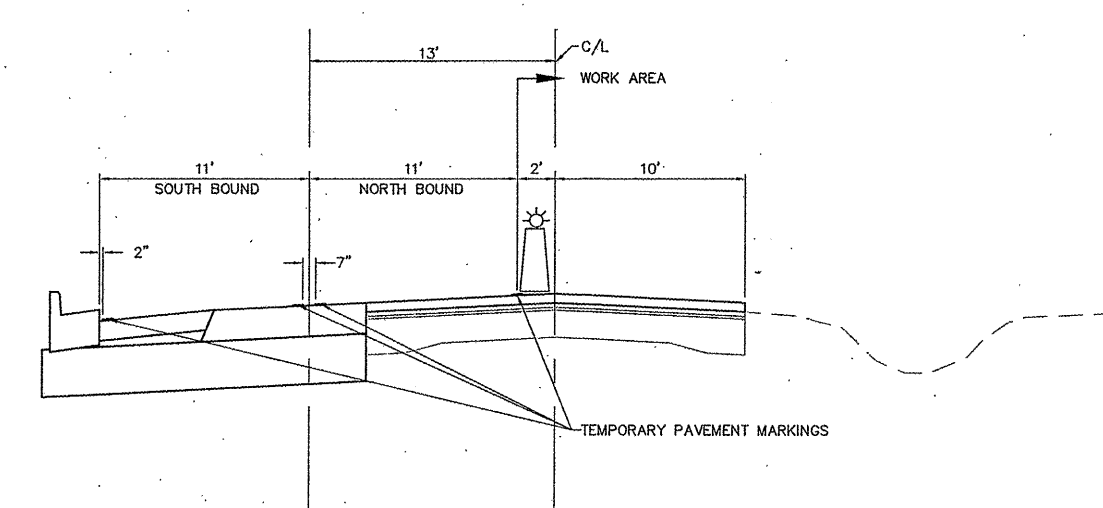


| NO. | REVISIONS |
|-----|-----------|
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SMS ENGINEERS
Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 215 Market Street, P.O. Box E, Alton, IL 62002, 618462-2755 E-mail: mail@smsengineers.com
 10 Central Industrial Drive, Suite 3, Granite City, IL 62040 618677-6700 E-mail: mail@smsengineers.com
 DESIGN FIRM # 184-000992

TRAFFIC CONTROL LEGEND

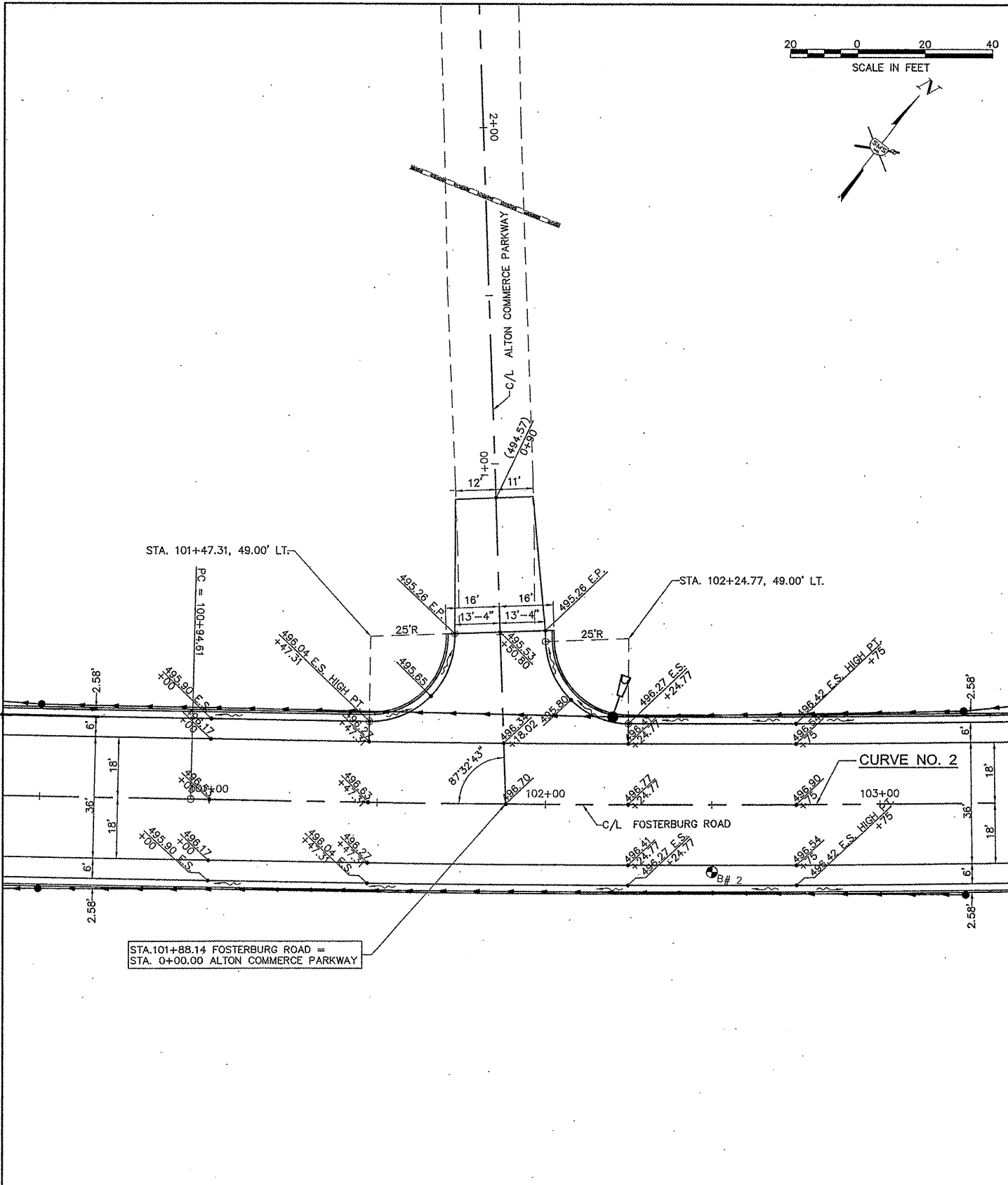
- WORK AREA
 - TYPE I OR TYPE II BARRICADE OR DRUM WITH STEADY BURNING LIGHT
 - DIRECTION INDICATION BARRICADE WITH STEADY BURNING LIGHT
 - TYPE III BARRICADE WITH REFLECTORIZED STRIPING ON BOTH SIDES WITH FLASHING LIGHTS
 - MONO DIRECTIONAL FLASHING LIGHT
 - SIGN "ROAD CONSTRUCTION AHEAD" W20-1(O) - 48" x 48"
 - SIGN "SINGLE LANE SHIFT LEFT" W1-4(L) 48" x 48"
 - SIGN "SINGLE LANE SHIFT RIGHT" W1-4(R) 48" x 48"
 - SIGN "TWO WAY TRAFFIC" W6-3(O) 48" x 48"
 - SIGN "35 MPH" W13-1P 24" x 24"
- T.P.M.=TEMPORARY PAVEMENT MARKING



**PROPOSED TYPICAL SECTION
 FOSTERBURG ROAD - STAGE 2**

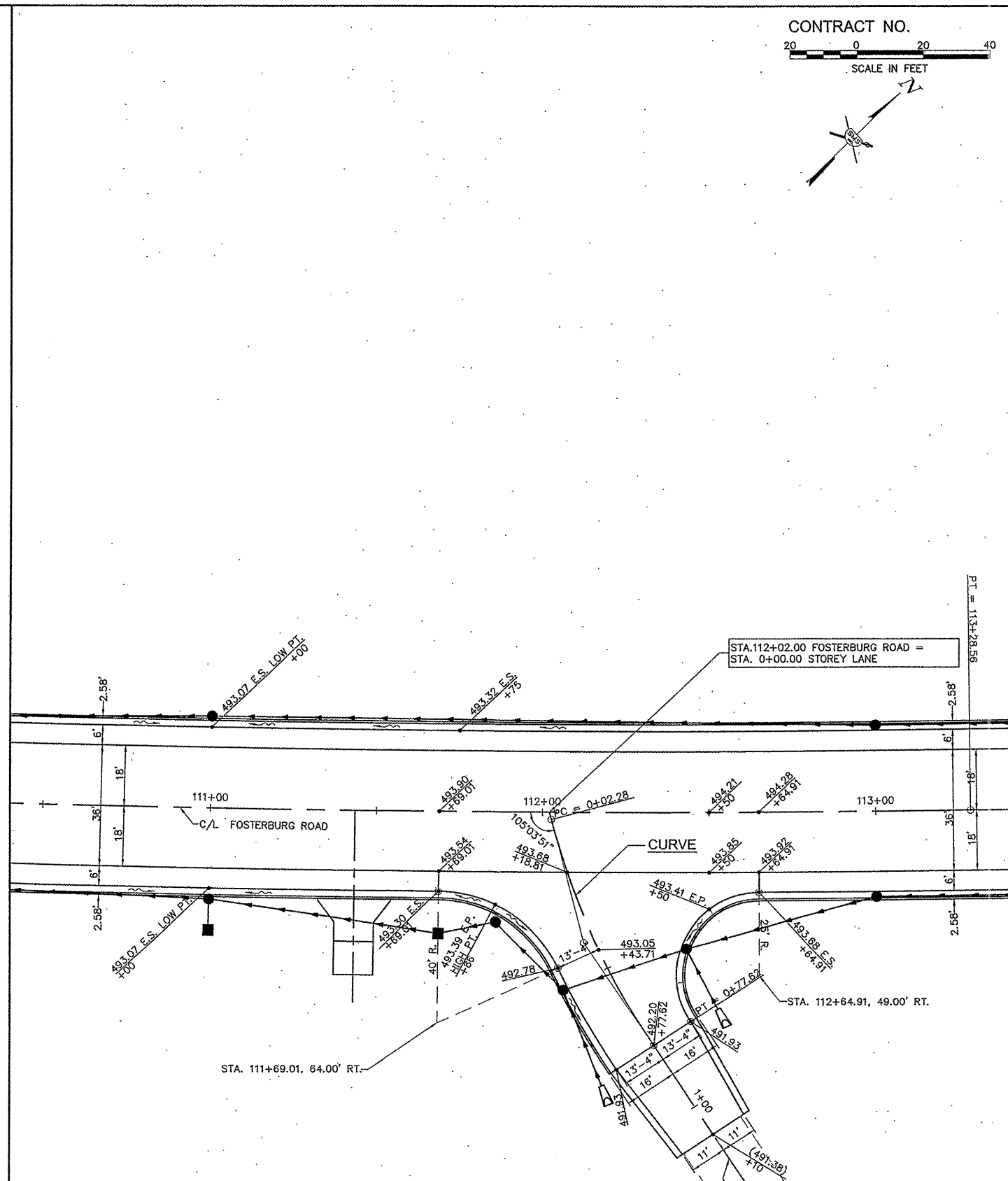
CITY OF ALTON, ILLINOIS
 SECTION 05-00218-01-WR
 FOSTERBURG ROAD - PHASE 2
 STAGE 2 TRAFFIC CONTROL PLAN

| | |
|----------|------------------------------|
| DWG. NO. | FBR_PHS 2 traffic stage .dwg |
| REF. BY | JCF |
| JCF NO. | 206612 |
| DSN. BY: | DEG |
| DWN. BY: | CDP |
| CHK. BY: | DEG |
| DATE: | JAN, 2011 |
| SCALE: | 1" = 50' H. |
| SHEET: | 16 OF 55 |



CENTERLINE CURVE DATA

CURVE NO. 2
 P.I. STA.=100+94.61
 $\Delta=21^{\circ}04'30''$
 $D=00^{\circ}50'26''$
 $T=610.00'$
 $R=6817.14'$
 $L=1405.03'$
 $E=27.24'$
 P.C. STA.=77+18.41
 P.T. STA.=91+23.44
 SUPER ELEV.=NONE



CENTERLINE CURVE DATA

STOREY LANE C/L CURVE
 P.I. STA.=+40.30
 $\Delta=18^{\circ}46'01''$
 $D=24^{\circ}54'40''$
 $T=38.02'$
 $R=230.00'$
 $L=75.35'$
 $E=3.12'$
 P.C. STA.=+0+02.28
 P.T. STA.=+0+77.62
 SUPER ELEV.=NONE

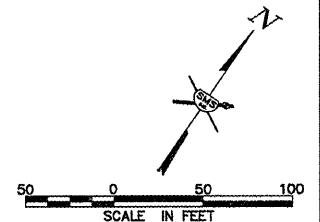
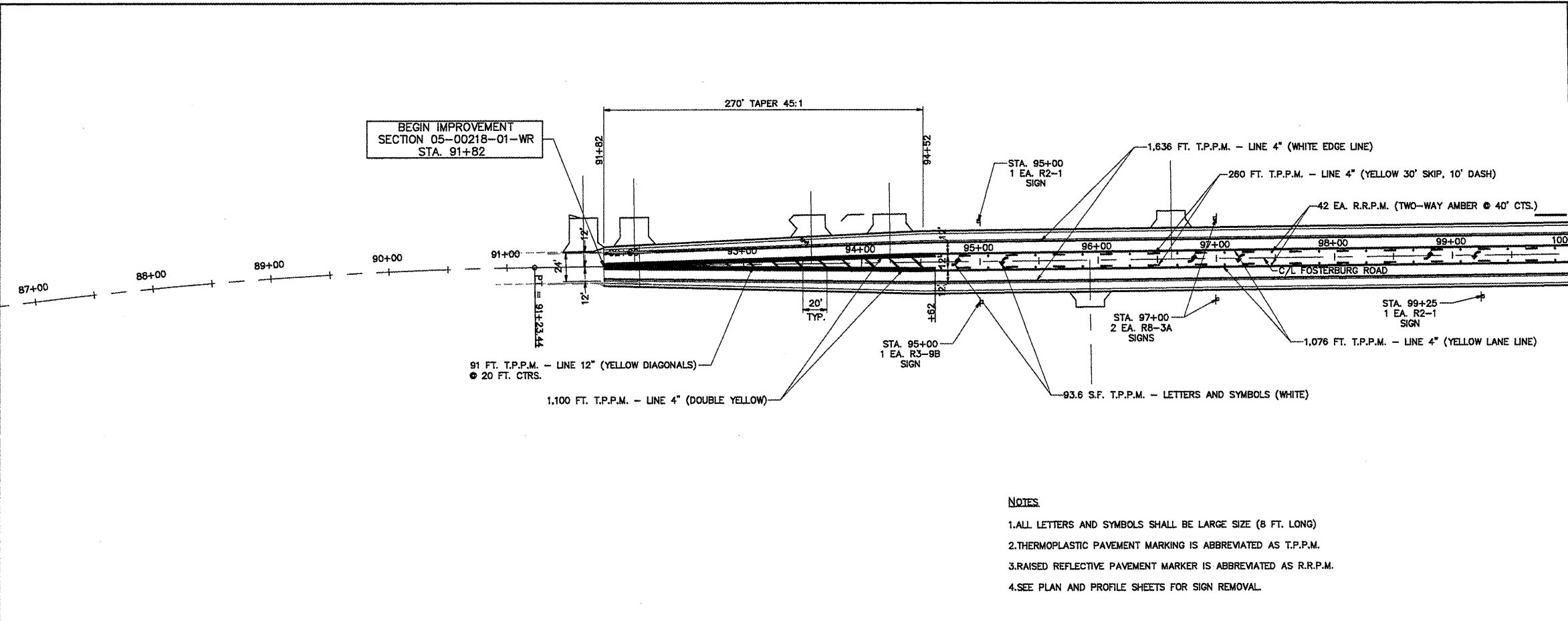
| NO. | DATE | DESCRIPTION |
|-----|------|-------------|
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SMS Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 210 Market Street, P.O. Box E, Alton, IL 62002 618462-5755 E-mail: mail@smsengineers.com
 10 Central Industrial Drive, Granite City, IL 62040 618877-8700 E-mail: mail@smsengineers.com
 DESIGN FIRM # 184-000592

CITY OF ALTON, ILLINOIS
 SECTION 95-00006-00-EG
 FOSTERBURG ROAD - PHASE 2
 INTERSECTION DETAILS

| | |
|----------|----------------------|
| DWG. NO. | FBR_PHS2_INT_DSN.DWG |
| REF. BK. | PG. |
| JOB NO. | 206612 |
| DSN. BY: | DEG |
| DWN. BY: | CAD |
| CHK. BY: | DEG |
| DATE: | JAN. 2011 |

SCALE: 1" = 20'
 SHEET 20 OF 55



- NOTES**
1. ALL LETTERS AND SYMBOLS SHALL BE LARGE SIZE (8 FT. LONG)
 2. THERMOPLASTIC PAVEMENT MARKING IS ABBREVIATED AS T.P.P.M.
 3. RAISED REFLECTIVE PAVEMENT MARKER IS ABBREVIATED AS R.R.P.M.
 4. SEE PLAN AND PROFILE SHEETS FOR SIGN REMOVAL.

REVISIONS

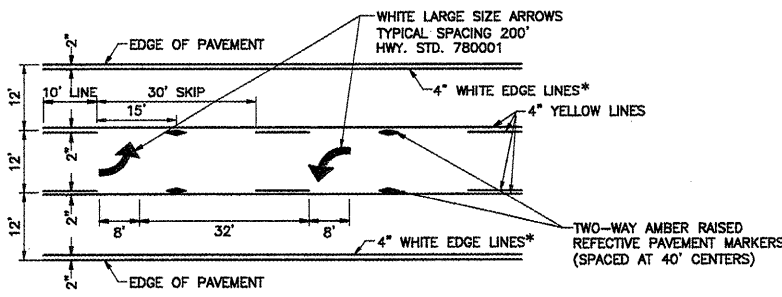
SMS Sheppard, Morgan & Schwaab, Inc.
CONSULTING ENGINEERS AND LAND SURVEYORS
215 North Street, P.O. Box E, Alton, IL 62002, (618) 462-0723, E-mail: smss@smss-engineers.com
401 Chestnut Street, Suite 200, Alton, IL 62002, (618) 462-0723, E-mail: smss@smss-engineers.com
DESIGN FIRM # 184-000992

SIGN LEGEND

| SIGN DESIGNATION | DESCRIPTION |
|------------------|---|
| 45 RZ-1 | 5 S.F. SIGN PANEL - TYPE 1 (24" X 30" 45 MPH SPEED LIMIT SIGN) 14 FT. 4" X 6" WOOD SIGN SUPPORT |
| R3-9B | 6 S.F. SIGN PANEL - TYPE 1 (24" X 36" TWO-WAY LEFT TURN SIGN) 14 FT. 4" X 6" WOOD SIGN SUPPORT |
| RB-3A | 5 S.F. SIGN PANEL - TYPE 1 (24" X 30" NO PARKING SIGN) 14 FT. 4" X 6" WOOD SIGN SUPPORT |

PAVEMENT MARKING SCHEDULE

| ITEM | QUANTITY | UNIT |
|--|---------------|-------------|
| THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE EDGE LINE) | 5,740 | FOOT |
| THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW LANE LINE) | 6,725 | FOOT |
| THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH) | 1,340 | FOOT |
| TOTAL 4" | 13,805 | FOOT |
| THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW DIAGONALS) | 117 | FOOT |
| THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE STOP BAR) | 44 | FOOT |
| TOTAL 12" | 161 | FOOT |
| THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE) | 421.2 | SQ. FT. |
| RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER) | 148 | EACH |
| RAISED REFLECTIVE PAVEMENT MARKER REMOVAL | 12 | EACH |

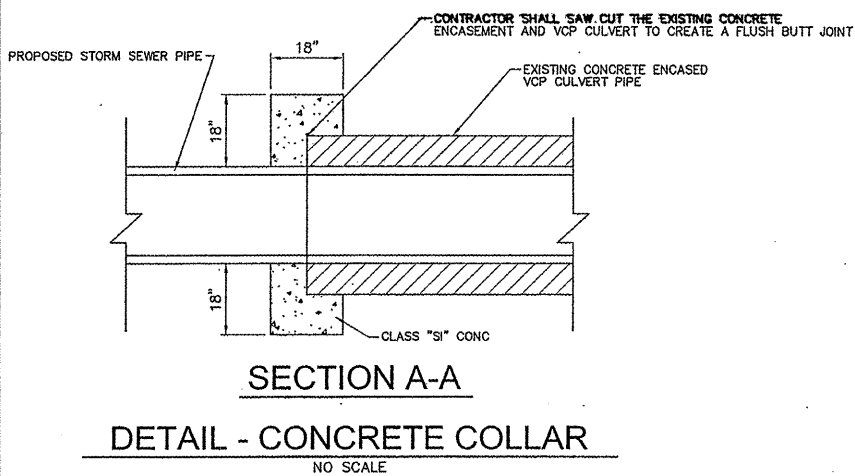
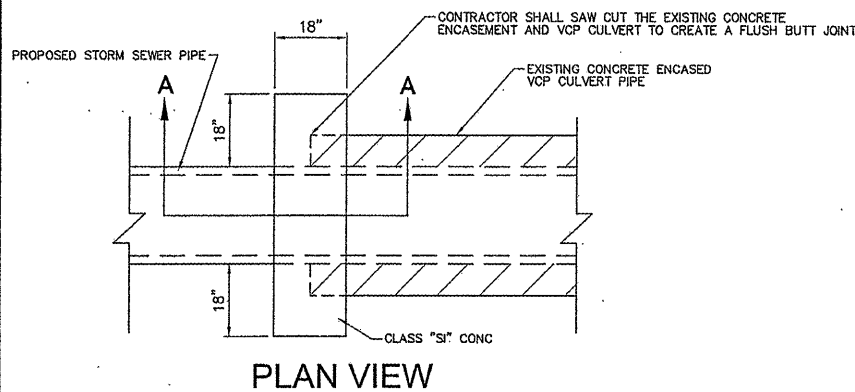
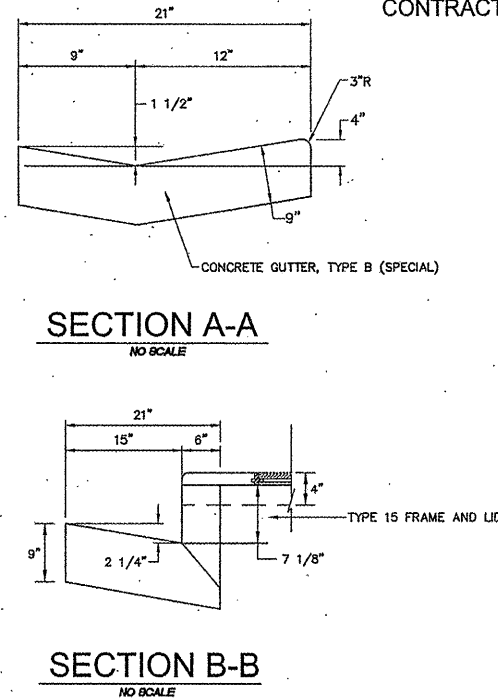
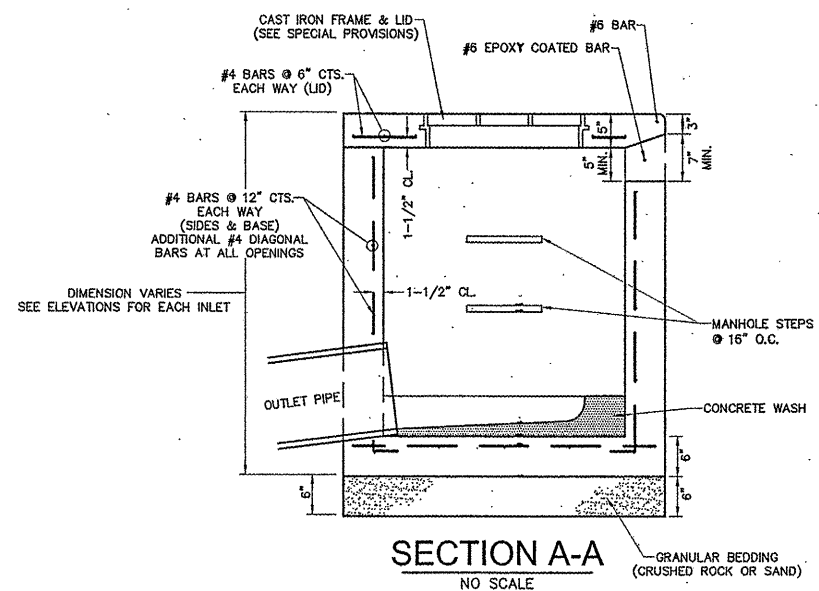
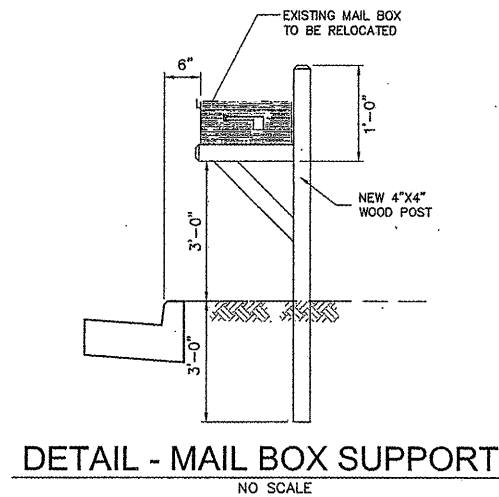


TYPICAL PAVEMENT MARKING DETAIL
NOT TO SCALE

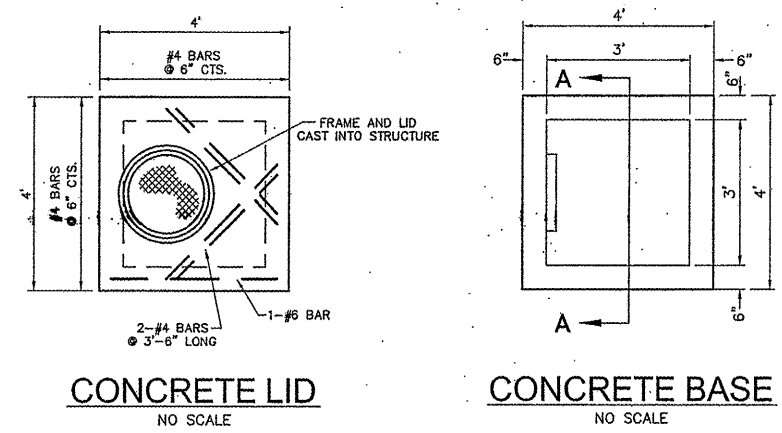
CITY OF ALTON, ILLINOIS
SECTION 05-00218-01-WR
FOSTERBURG ROAD - PHASE 2
PAVEMENT MARKING & SIGNING PLAN

DWG. NO.
FBR_PHS_PVMT_MARKING.dwg
REF. BK. PG.
JOB NO. 206612
ISSN. BY: DEG
OWN. BY: CDP
CHK. BY: DEG
DATE: JAN, 2011
SCALE: 1" = 50' H.
1" = 5' V.
SHEET 21 OF 55

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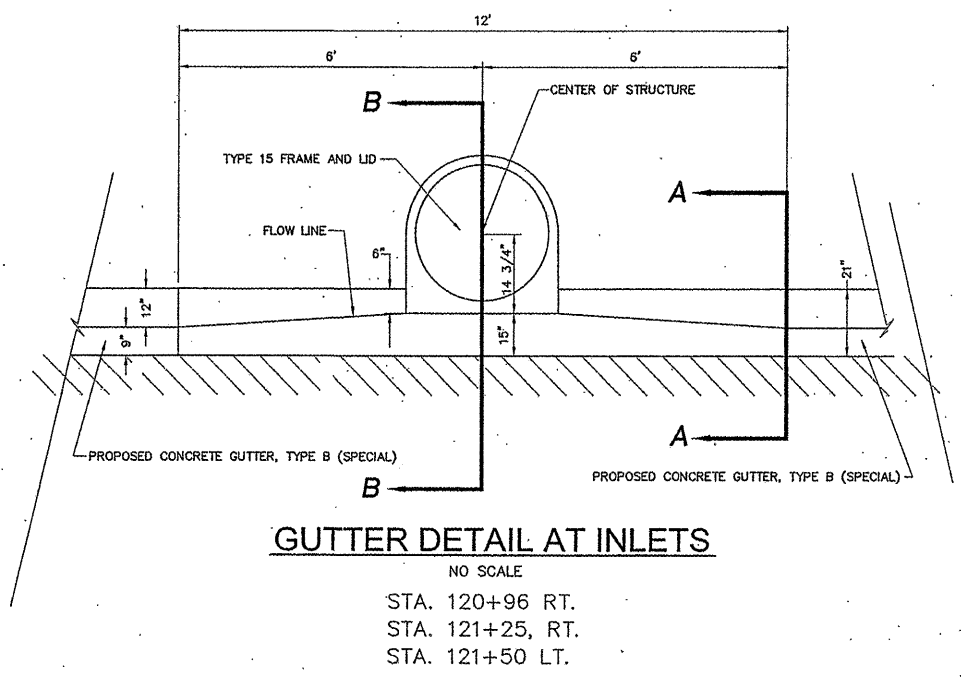


STA. 92+29.5, LT. & RT.
STA. 99+83.34, LT. & RT.



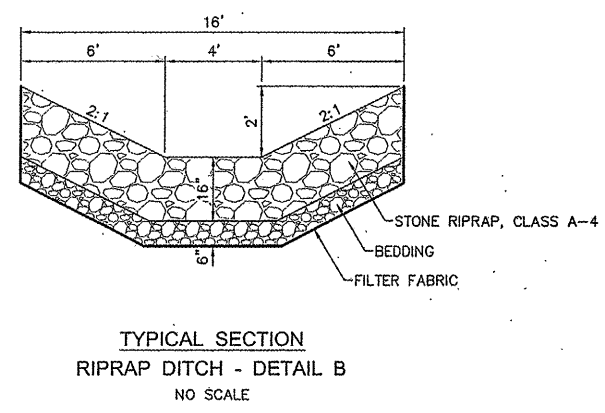
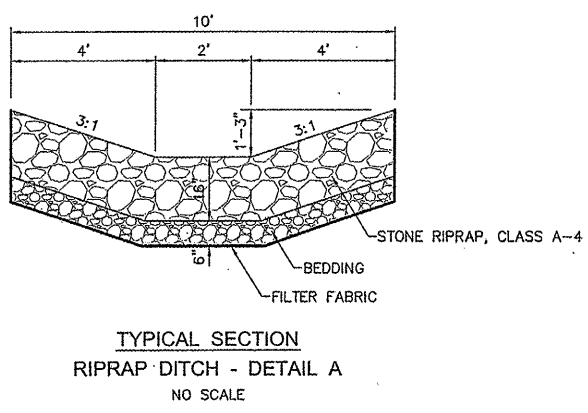
DETAIL - INLETS, SPECIAL, NO. 2
NO SCALE

- ④0 STA. 110+22, 36.50' RT.
- ④1 STA. 111+00, 36.50' RT.
- ③3 STA. 111+69.01, 36.50' RT.



NOTE: CONCRETE GUTTER AT INLETS SHALL BE PAID FOR AS CONCRETE GUTTER, TYPE B (SPECIAL) OR CONCRETE GUTTER TRANSITION AS SHOWN ON THE PLANS.

STA. 120+96 RT.
STA. 121+25, RT.
STA. 121+50 LT.



CROSS ROAD CULVERT SCHEDULE

| LOCATION | UPSTREAM | | | DOWNSTREAM | | | SIZE | LENGTH | SLOPE | COMMENTS | EXISTING MATERIAL |
|-----------------|----------|-----------|-----------|------------|-----------|-----------|------|--------|--------|---------------------------|-------------------------|
| | STATION | OFFSET | ELEVATION | STATION | OFFSET | ELEVATION | | | | | |
| FOSTERBURG ROAD | 92+29.5 | 20.0' LT. | 489.89 | 92+28 | 31.0' RT. | 484.51 | 15" | 52' | 10.35% | TO REMAIN/PARTIAL REMOVAL | CONCRETE ENCASED V.C.P. |
| FOSTERBURG ROAD | 99+83.34 | 25.5' RT. | 491.85 | 99+83.5 | 23.5' LT. | 491.60 | 15" | 49' | 0.51% | TO REMAIN | CONCRETE ENCASED V.C.P. |
| FOSTERBURG ROAD | 110+22.5 | 25.0' RT. | 486.64 | 110+22.5 | 31.0' LT. | 484.34 | 18" | 56' | 4.11% | TO REMAIN/PARTIAL REMOVAL | CONCRETE ENCASED V.C.P. |
| FOSTERBURG ROAD | 119+93.5 | 40.0' RT. | 489.42 | 119+82 | 36.0' RT. | 485.46 | 15" | 75' | 5.28% | TO REMAIN | CONCRETE ENCASED V.C.P. |

REVISIONS

| | | |
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10 Central Industrial Drive, Granite City, IL 62040 618/877-9700 E-mail: mail@smsengineers.com
DESIGN FIRM # 184-000992

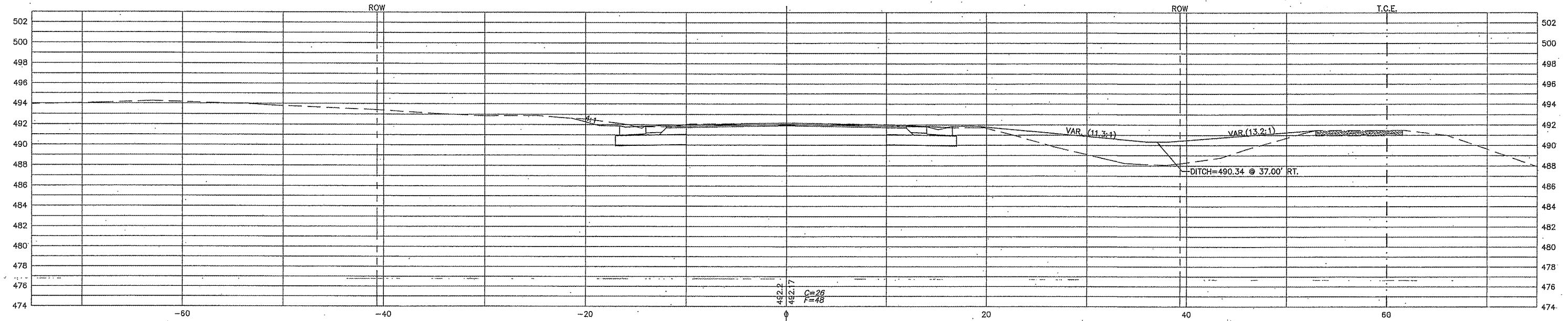
CITY OF ALTON, ILLINOIS
SECTION 05-00218-01-WR
FOSTERBURG ROAD - PHASE 2
CONSTRUCTION DETAILS

SCALE: HORZ: 1"=5'
 VERT: 1"=5'

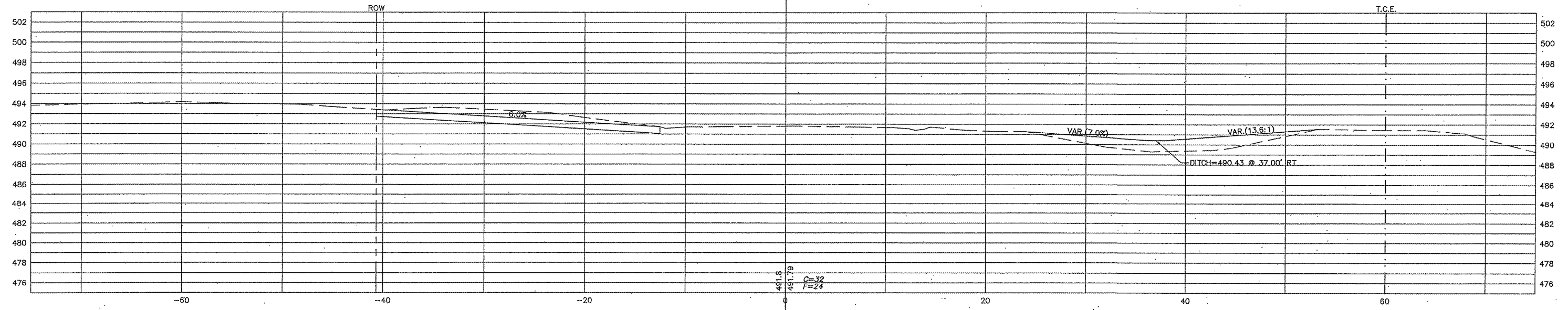
| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------|---------|--------------|-----------|
| 05-00218-01-WR | MADISON | 55 | 26 |

CONTRACT NO. 97456

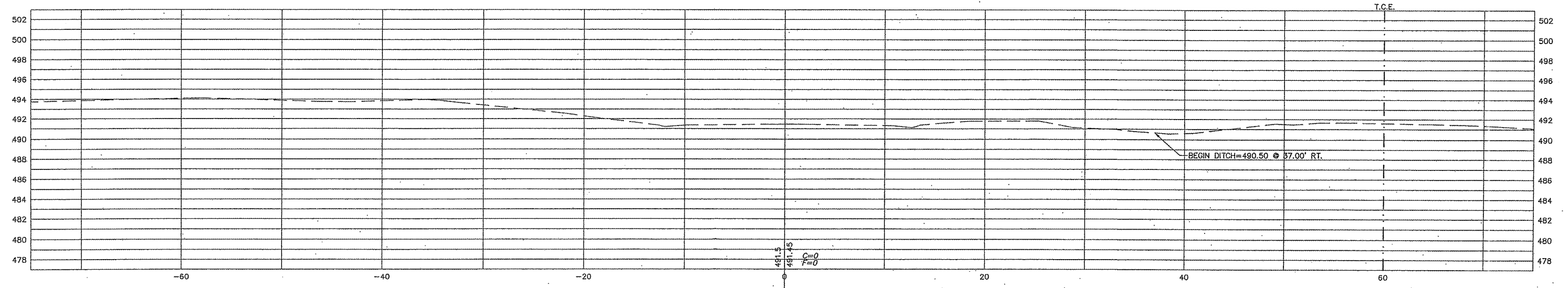
91+82-BEGIN PROJECT



91+65 C.E. LT.



91+50

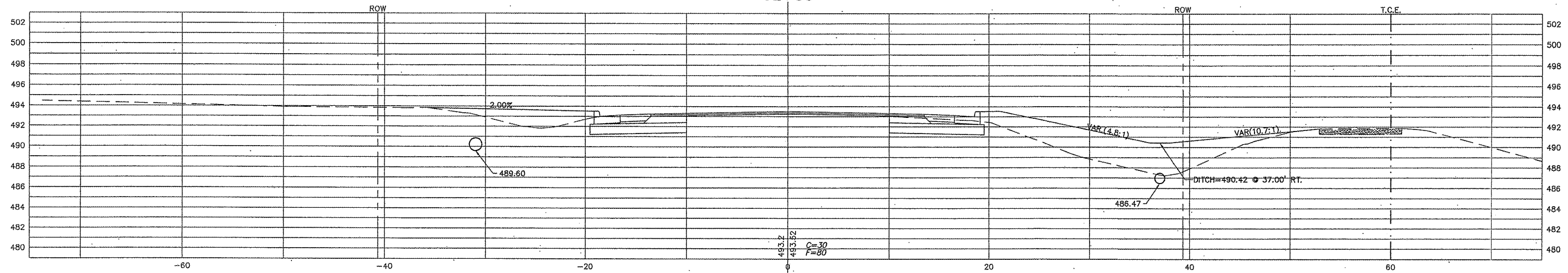


SCALE: HORZ: 1"=5'
VERT: 1"=5'

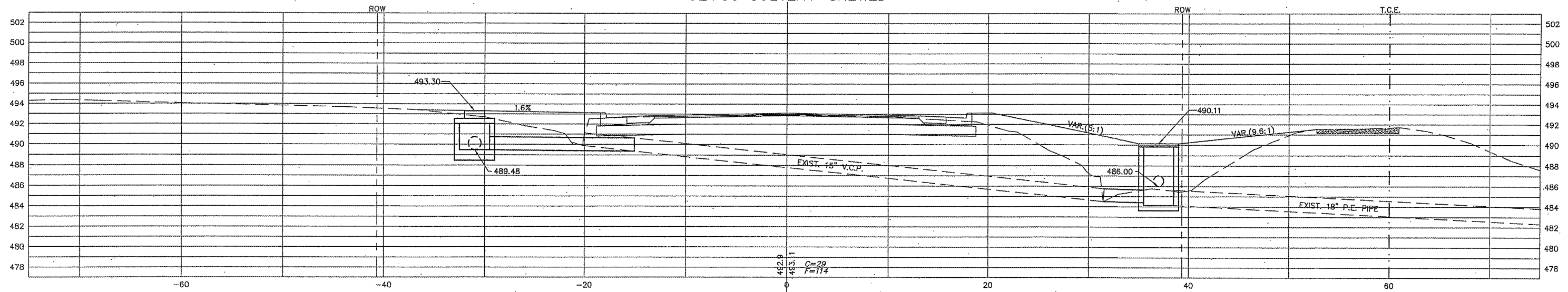
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| 05-00218-01-WR | MADISON | 55 | 27 |

CONTRACT NO. 97456

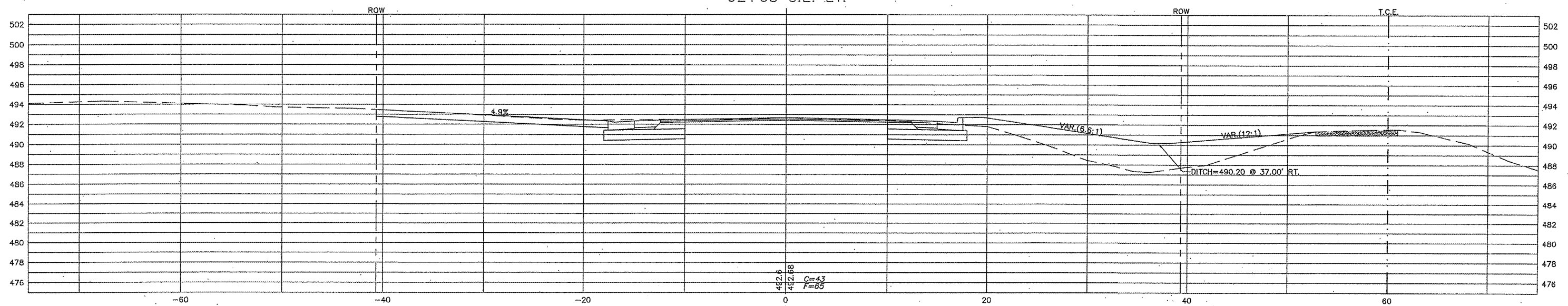
92+50



92+30 CULVERT-SKEWED



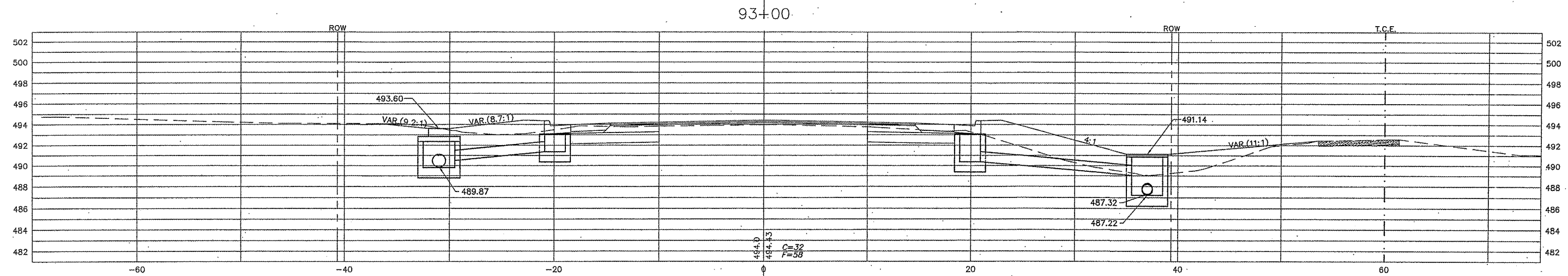
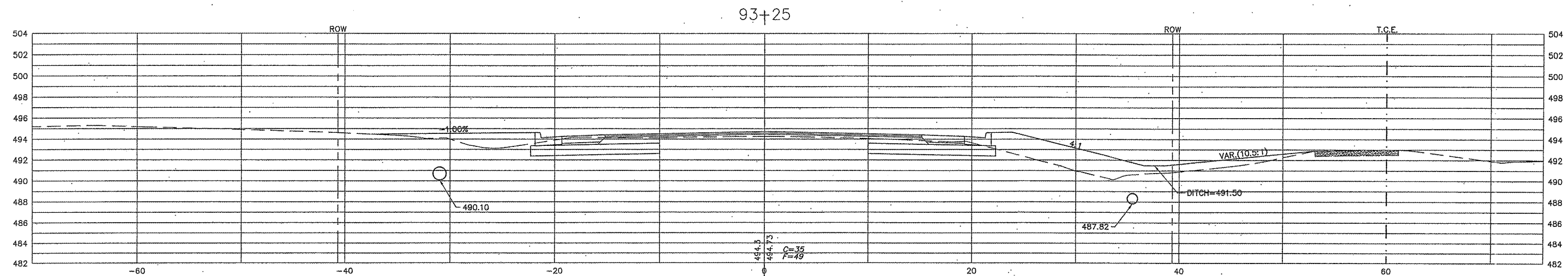
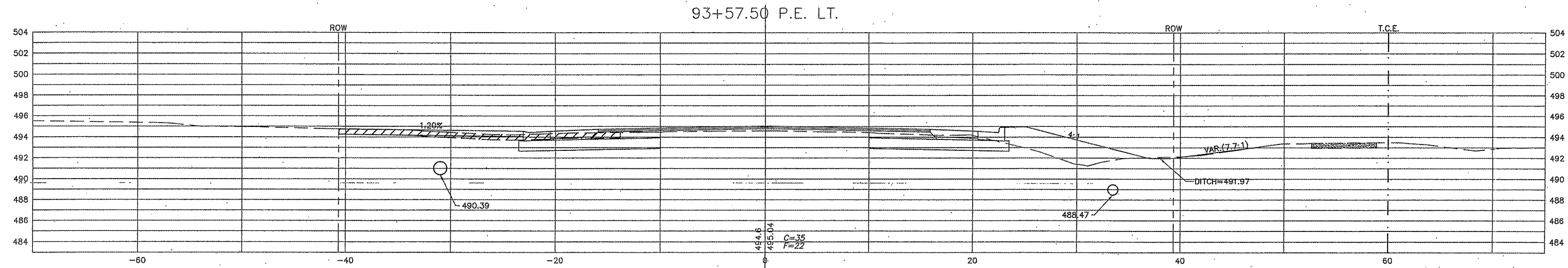
92+08 C.E. LT.



SCALE: HORZ: 1"=5'
 VERT: 1"=5'

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------|---------|--------------|-----------|
| 05-00218-01-WR | MADISON | 55 | 28 |

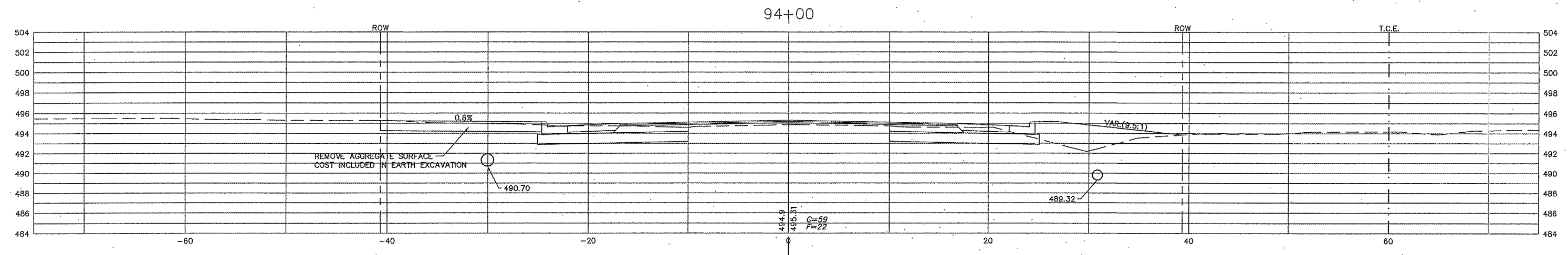
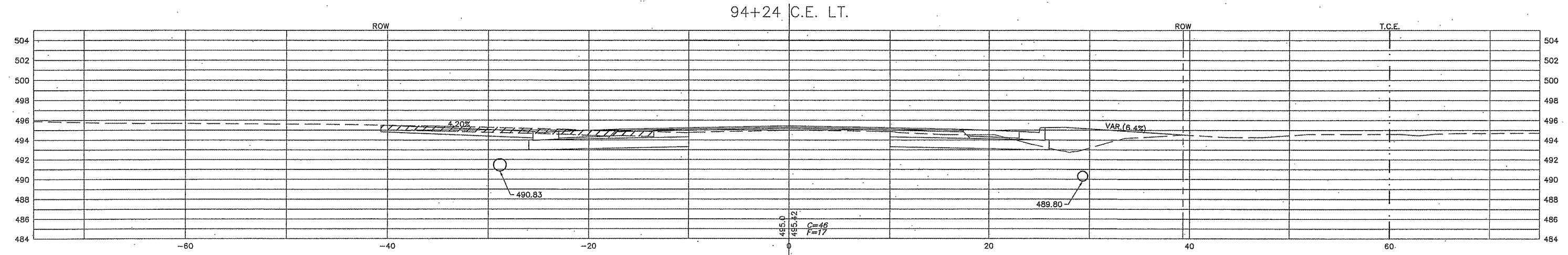
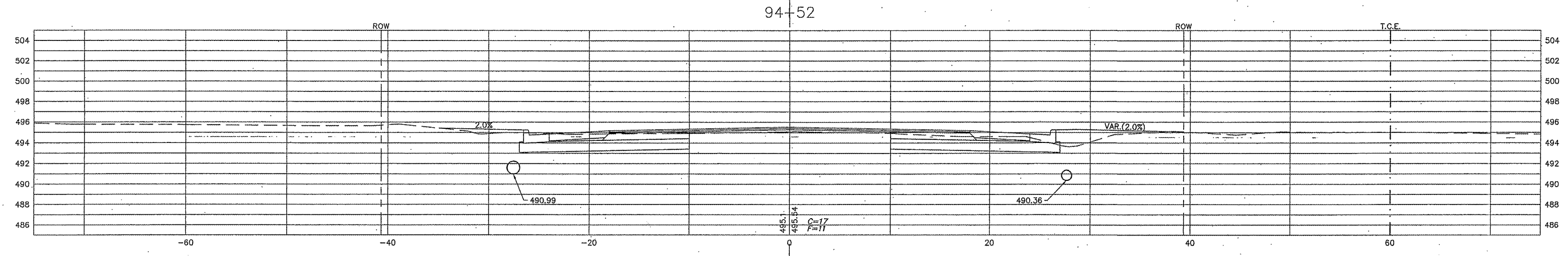
CONTRACT NO. 97456



SCALE: HORZ: 1"=5'
VERT: 1"=5'

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------|---------|--------------|-----------|
| 05-00218-01-WR | MADISON | 55 | 29 |

CONTRACT NO. 97456

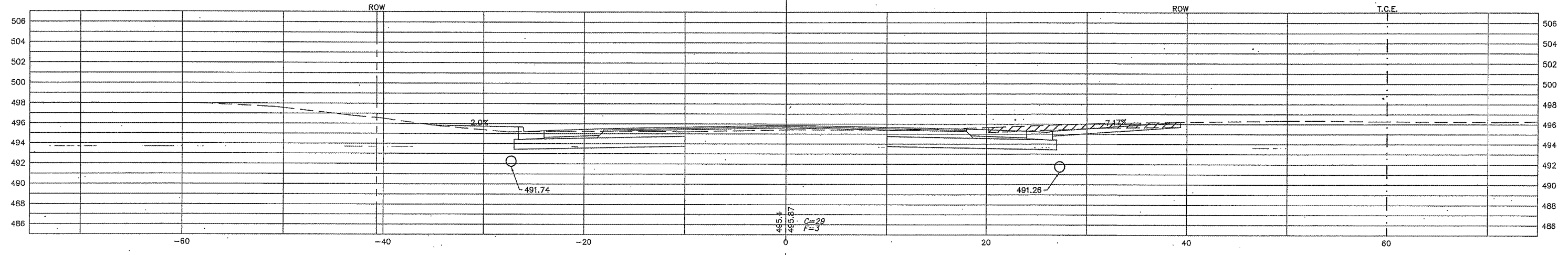


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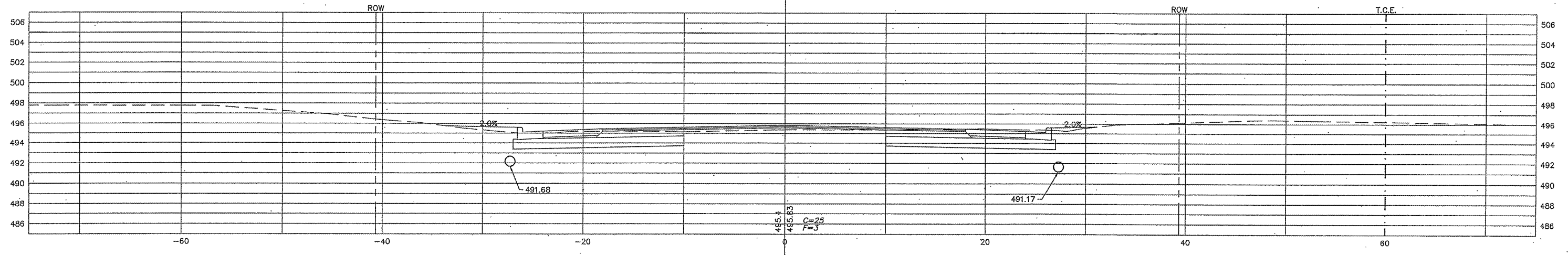
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| 05-00218-01-WR | MADISON | 55 | 30 |

CONTRACT NO. 97456

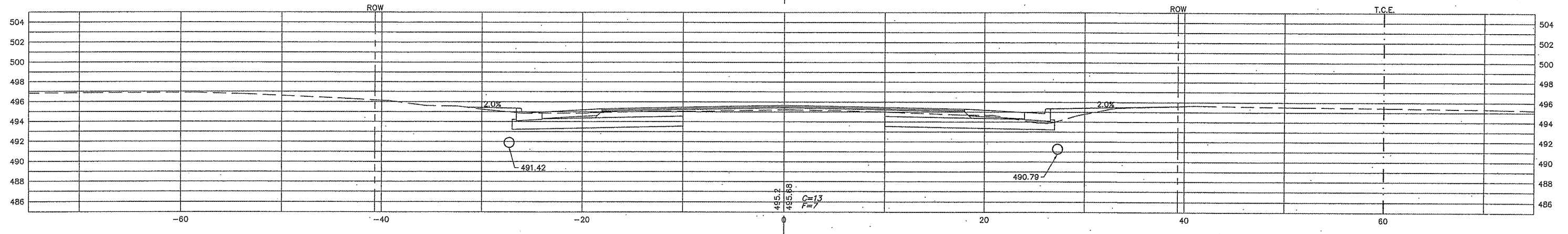
95+93 C.E. RT.



95+75



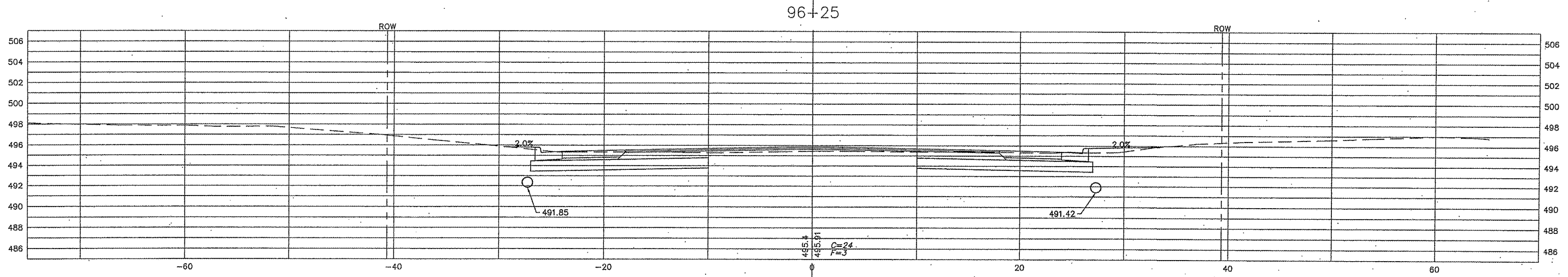
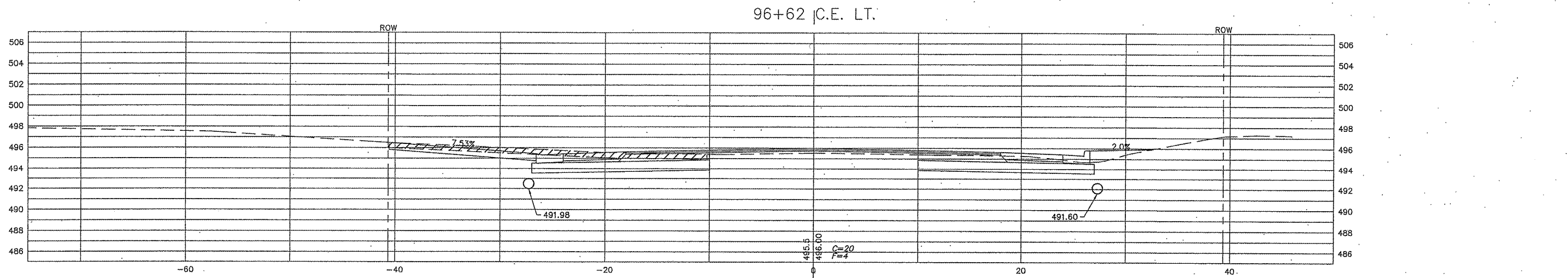
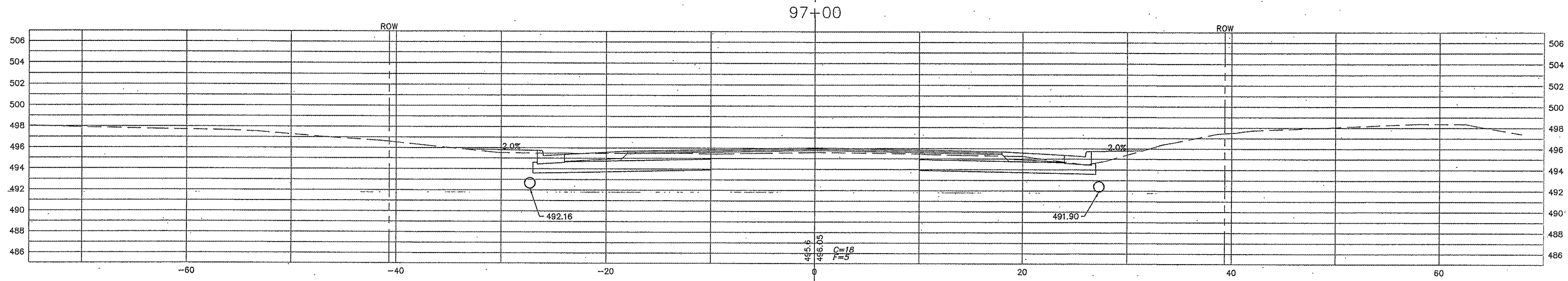
95+00



SCALE: HORZ: 1"=5'
VERT: 1"=5'

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------|---------|--------------|-----------|
| 05-00218-01-WR | MADISON | 55 | 31 |

CONTRACT NO. 97456

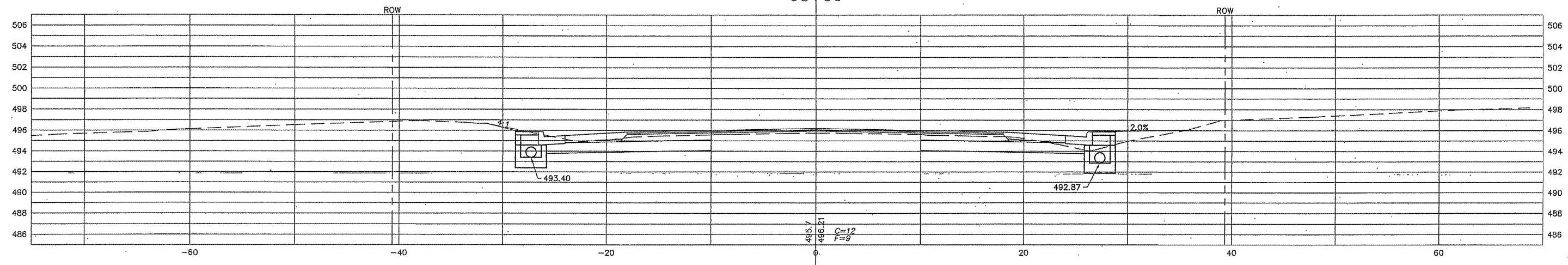


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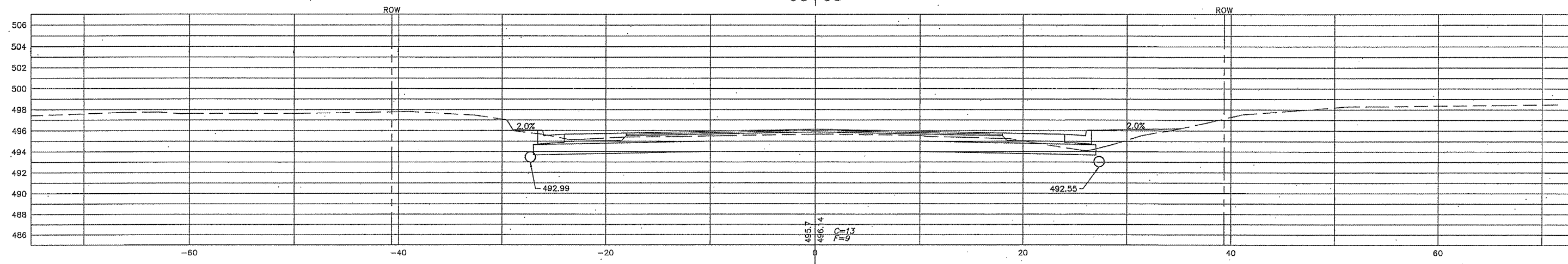
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| 05-00218-01-WR | MADISON | 55 | 32 |

CONTRACT NO. 97456

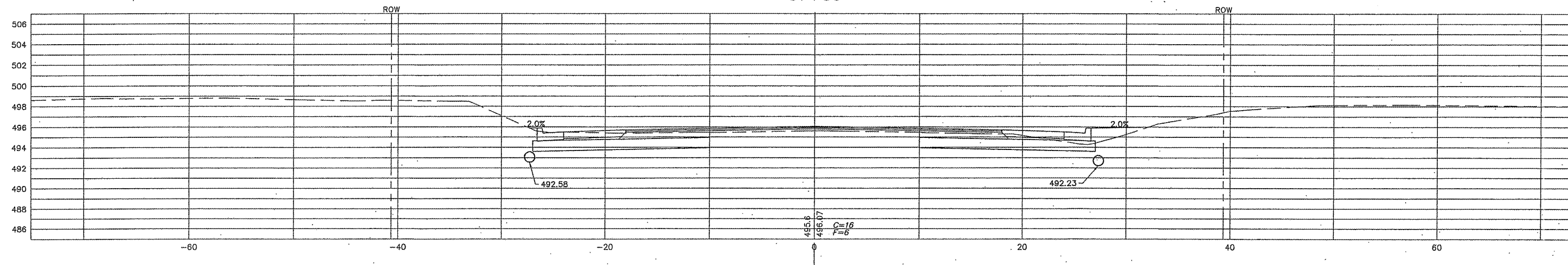
98+50



98+00



97+50

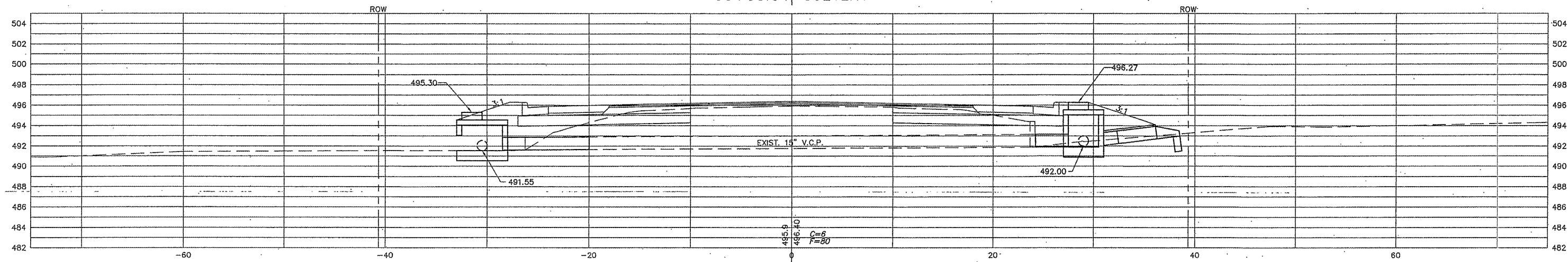


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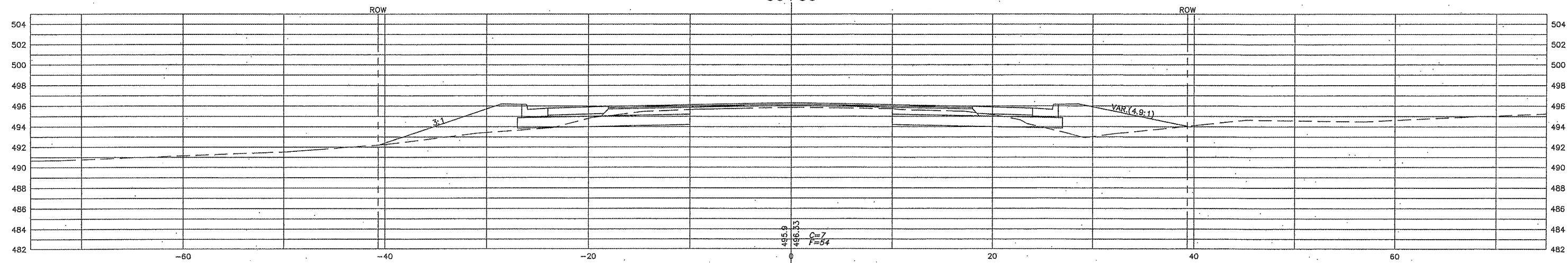
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|----------------|---------|--------------|-----------|
| 05-00218-01-WR | MADISON | 55 | 33 |

CONTRACT NO. 97456

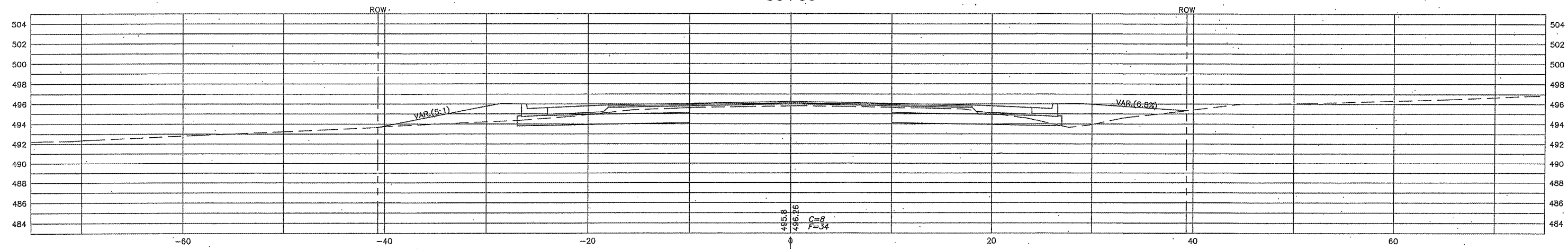
99+83.34-CULVERT



99+50



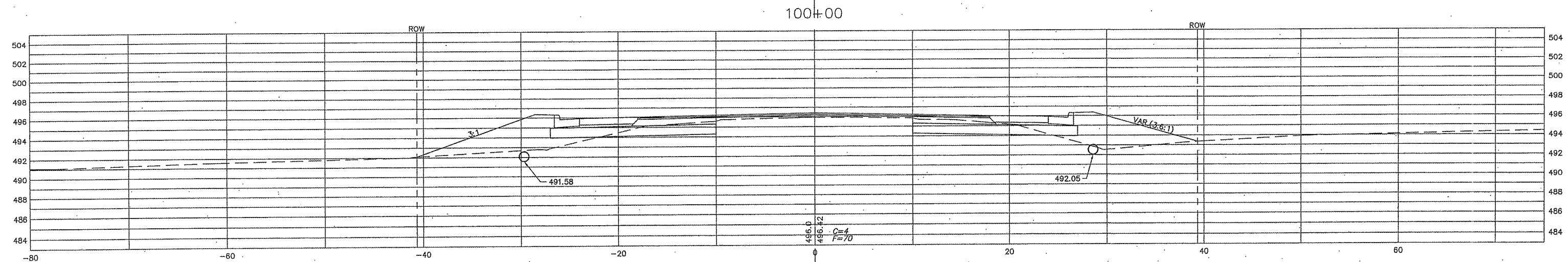
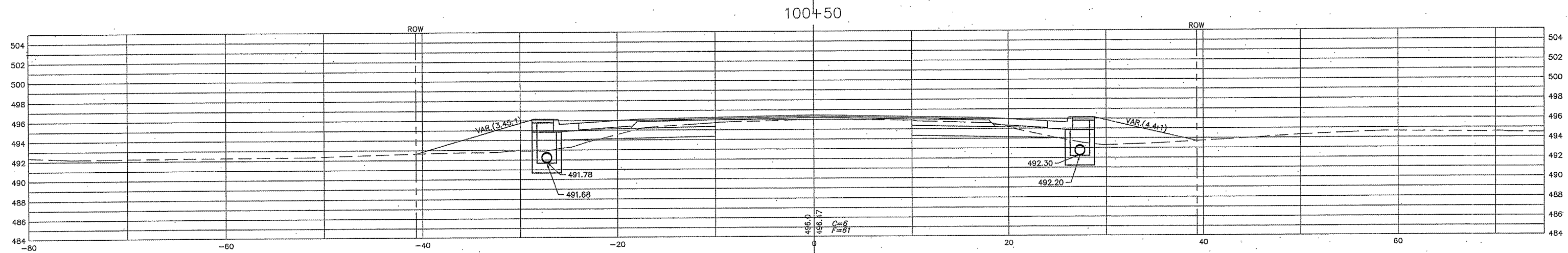
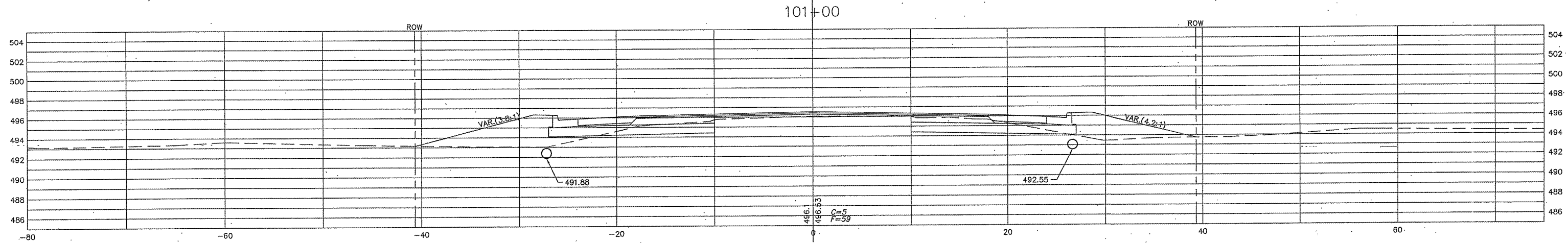
99+00



SCALE: HORZ: 1"=5'
VERT: 1"=5'

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------|---------|--------------|-----------|
| 05-00218-01-WR | MADISON | 55 | 34 |

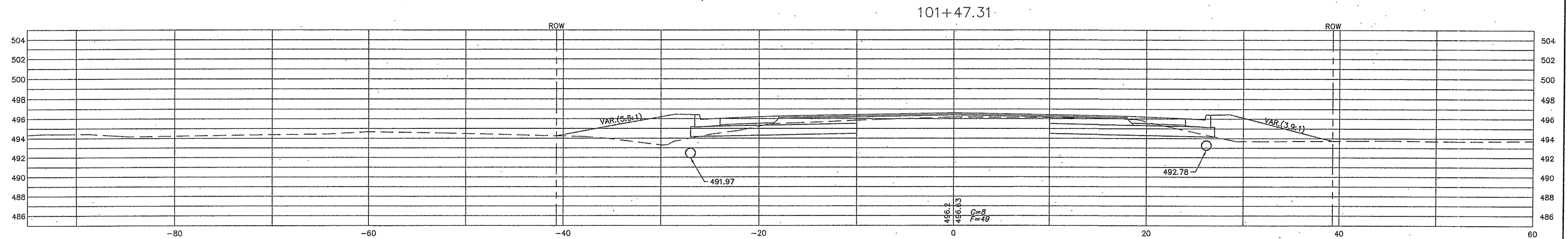
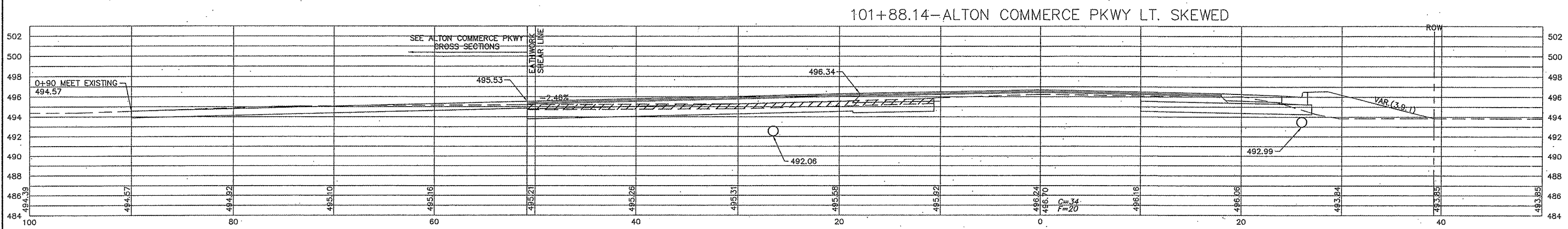
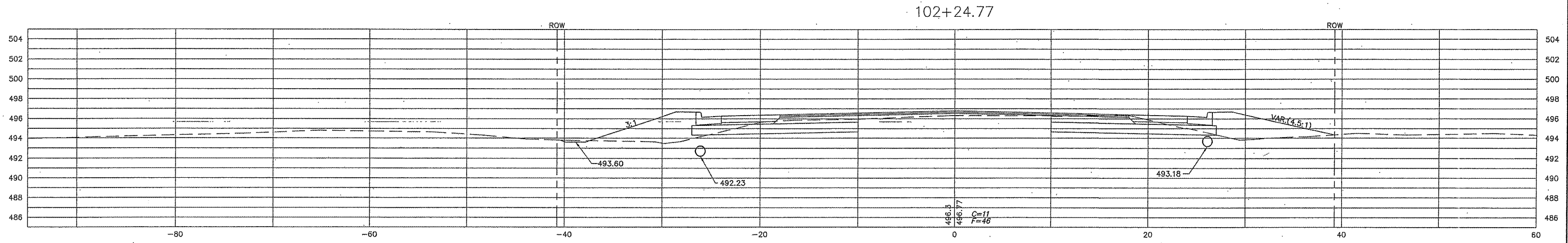
CONTRACT NO. 97456



SCALE: HORZ: 1"=5'
VERT: 1"=5'

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------|---------|--------------|-----------|
| 05-00218-01-WR | MADISON | 55 | 35 |

CONTRACT NO. 97456

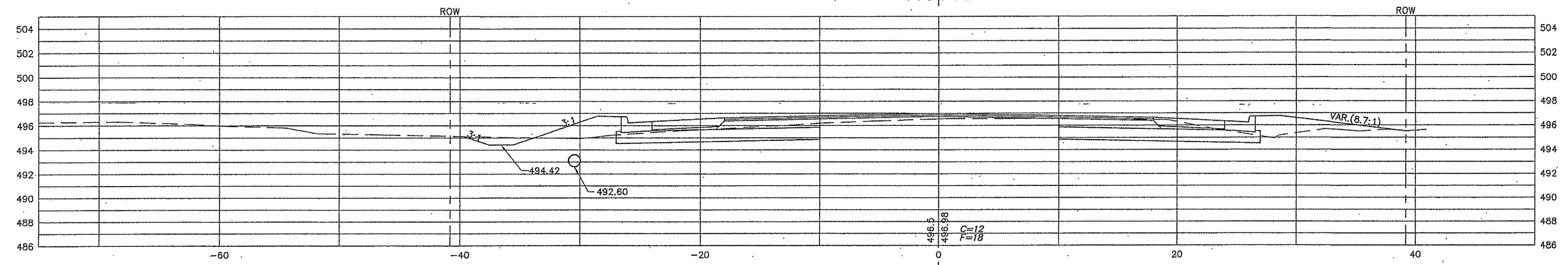


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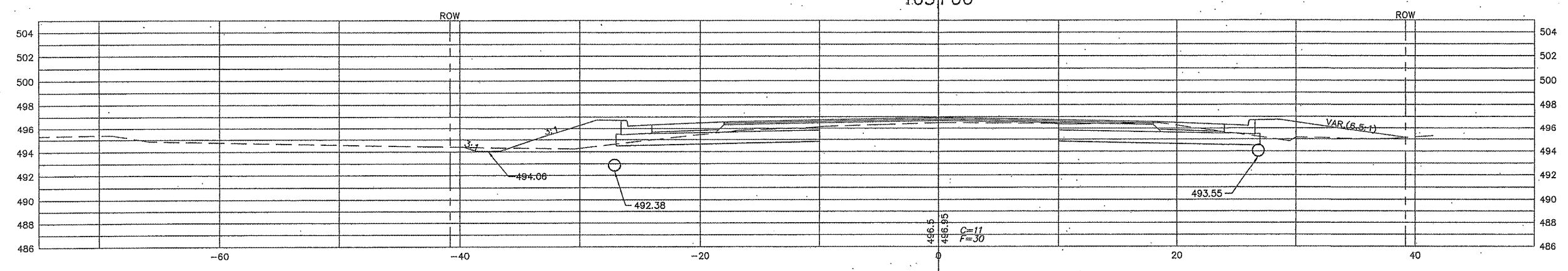
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|----------------|---------|--------------|-----------|
| 05-00218-01-WR | MADISON | 55 | 36 |

CONTRACT NO. 97456

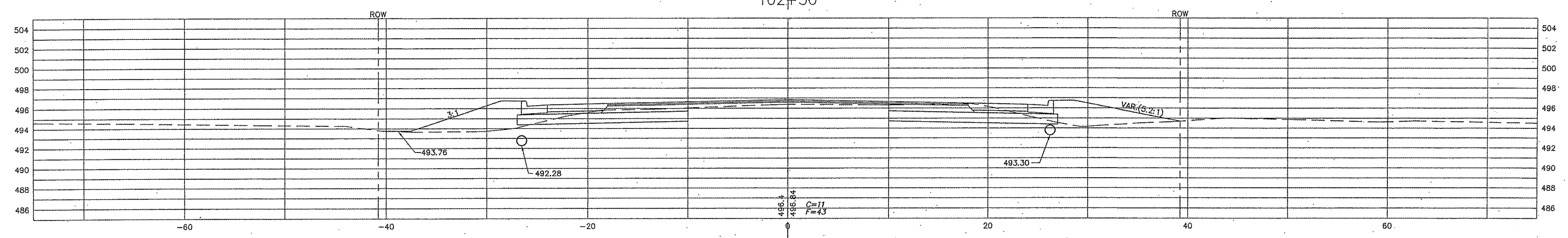
103+60



103+00



102+50

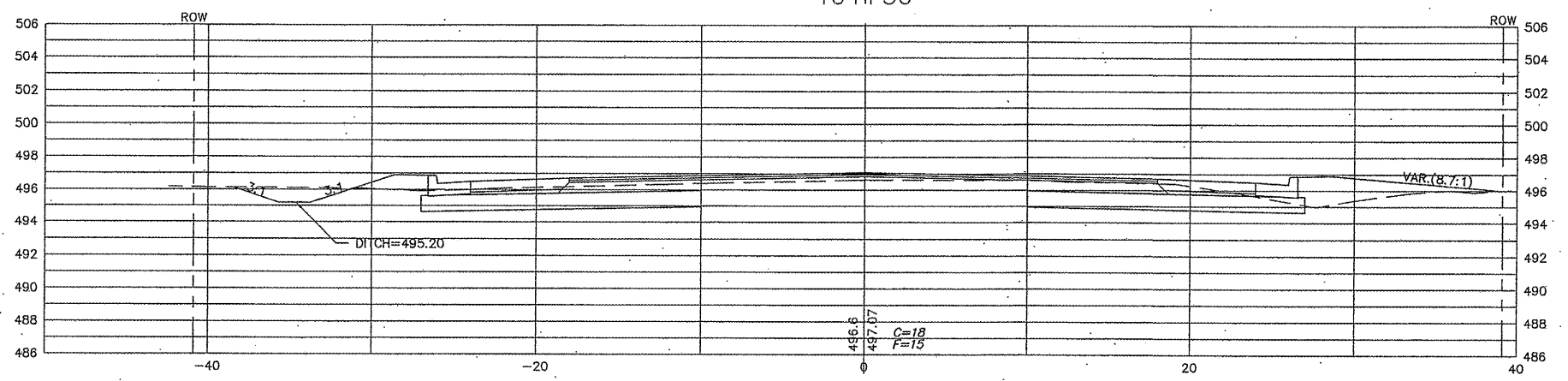


SCALE: HORZ: 1"=5'
VERT: 1"=5'

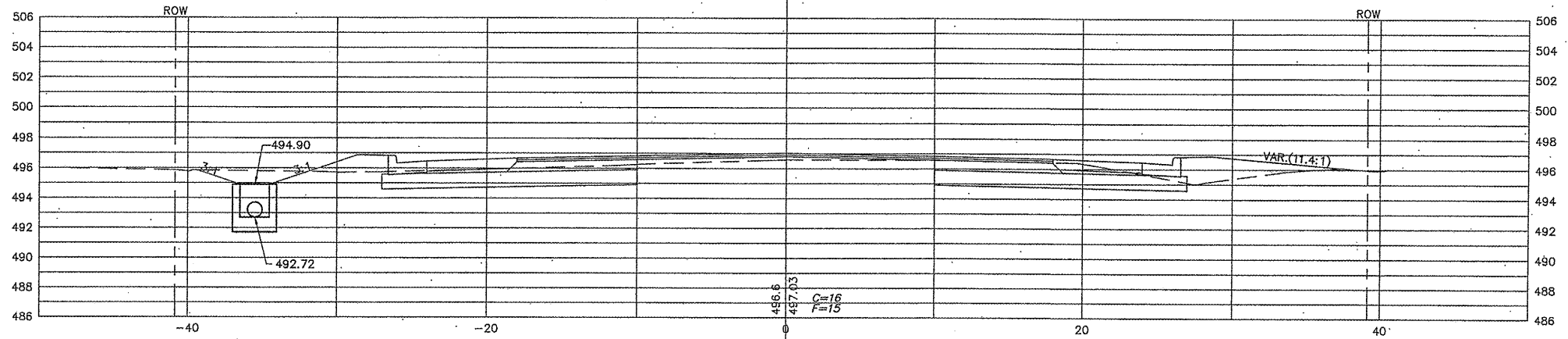
| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------|---------|--------------|-----------|
| 05-00218-01-WR | MADISON | 55 | 37 |

CONTRACT NO. 97456

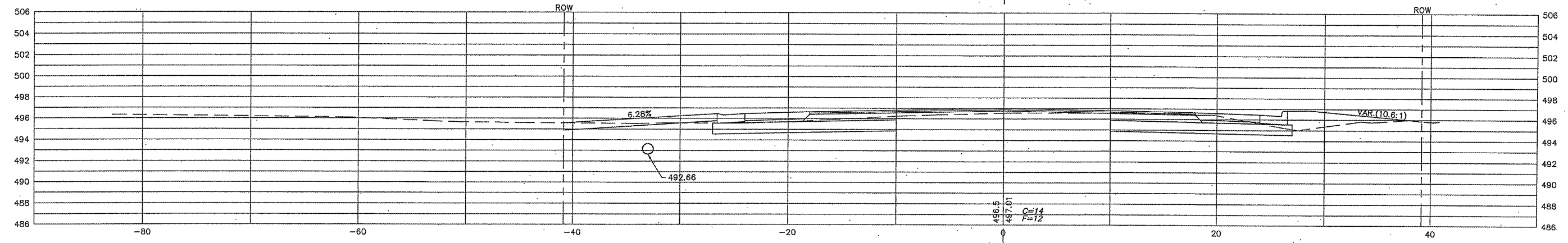
104+50



104+20



103+89 | C.E. LT.

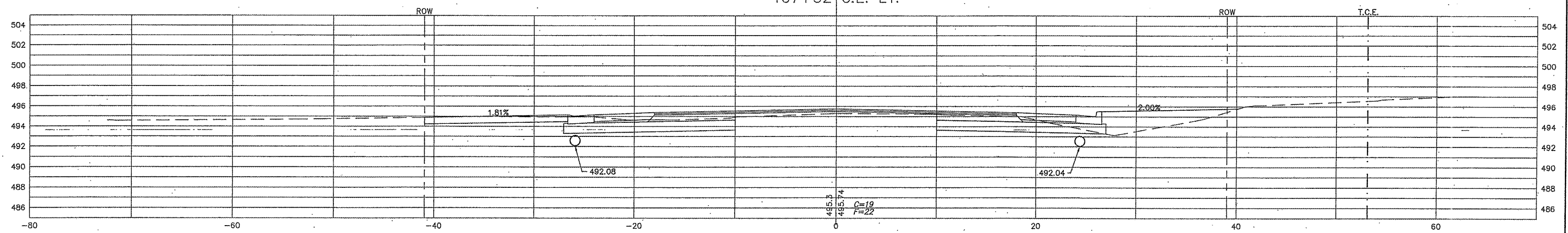


SCALE: HORZ: 1"=5'
VERT: 1"=5'

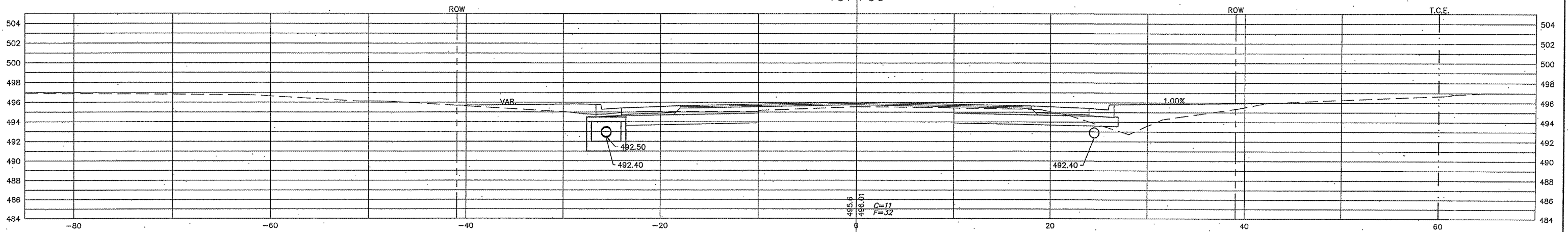
| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------|---------|--------------|-----------|
| 05-00218-01-WR | MADISON | 55 | 39 |

CONTRACT NO. 97456

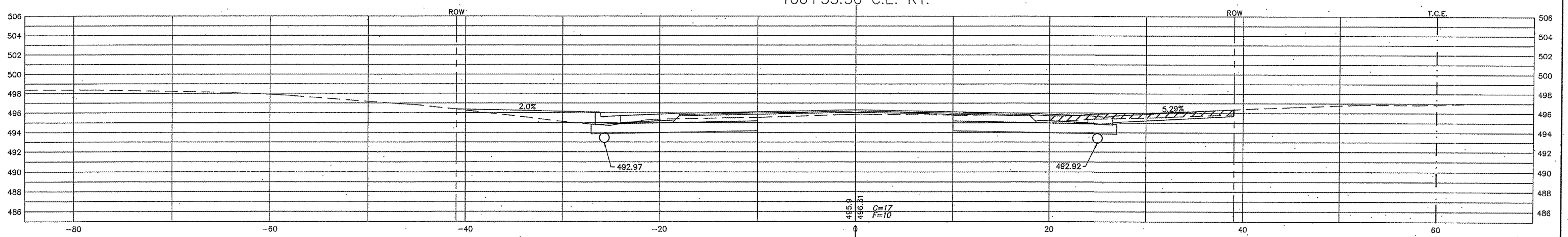
107+32 C.E. LT.



107+00



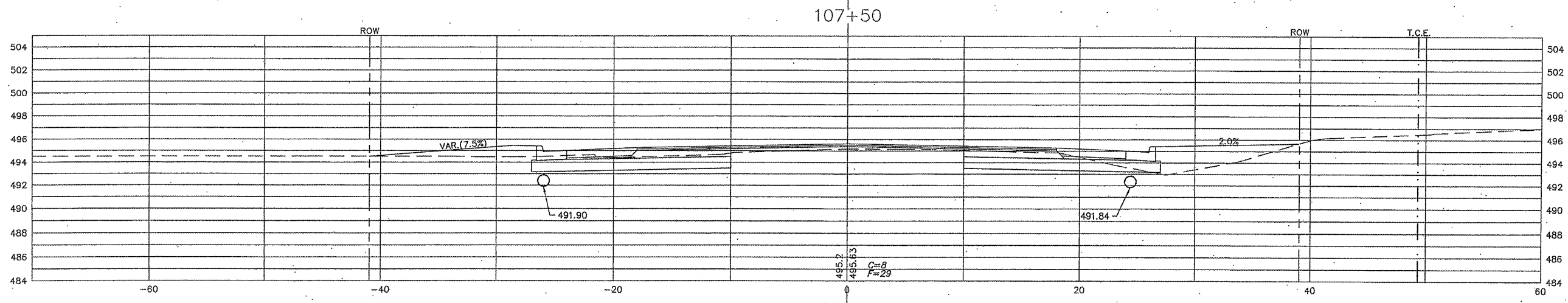
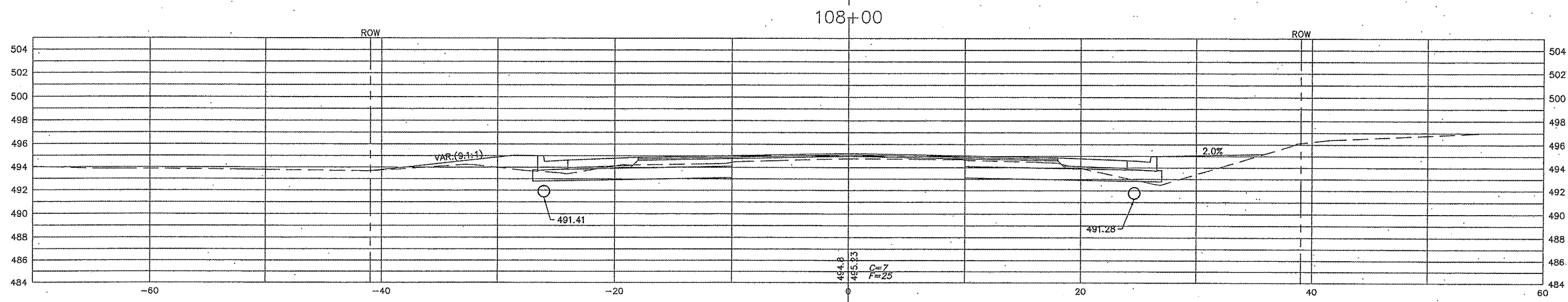
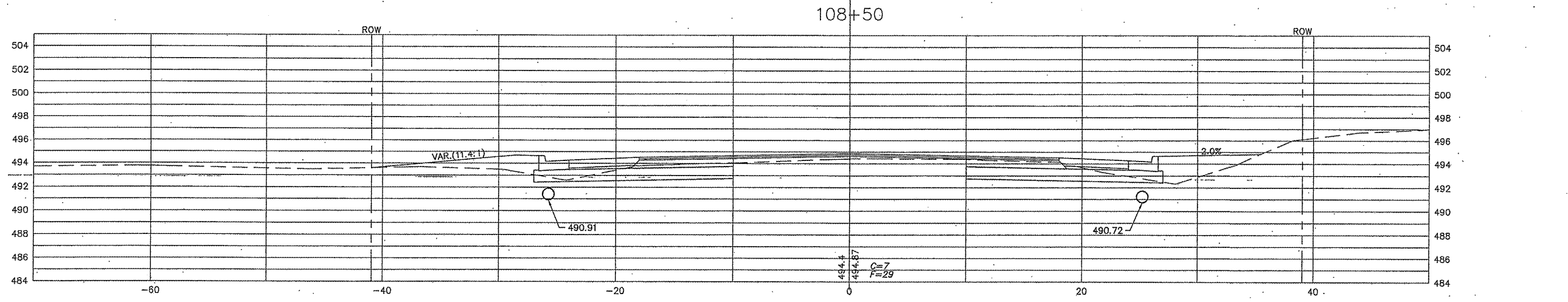
106+53.50 C.E. RT.



SCALE: HORZ: 1"=5'
VERT: 1"=5'

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------|---------|--------------|-----------|
| 05-00218-01-WR | MADISON | 55 | 40 |

CONTRACT NO. 97456

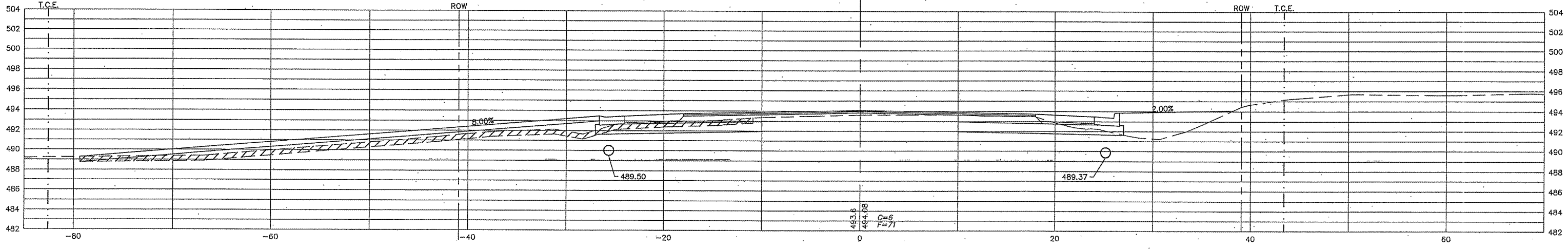


SCALE: HORZ: 1"=5'
VERT: 1"=5'

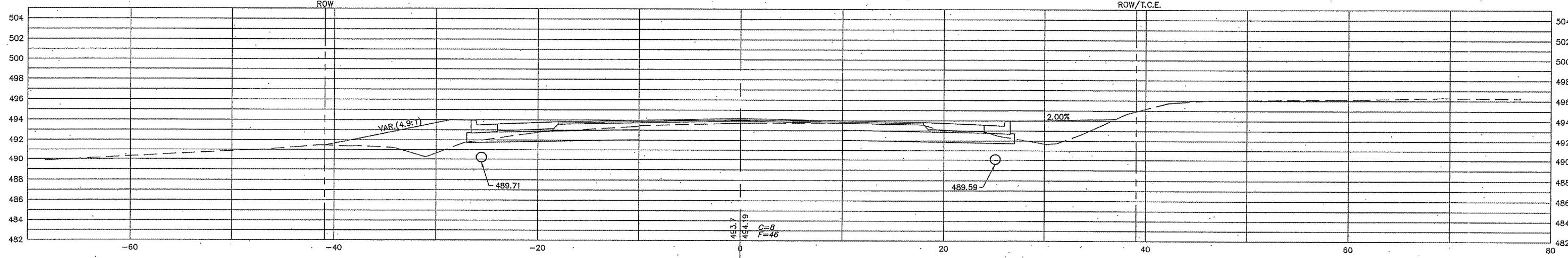
| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------|---------|--------------|-----------|
| 05-00218-01-WR | MADISON | 55 | 41 |

CONTRACT NO. 97456

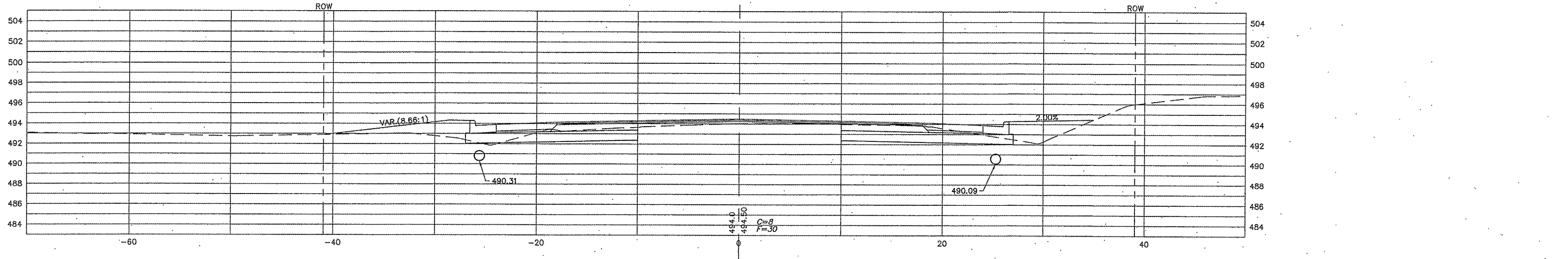
109+71 P.E. LT. SKEWED



109+50



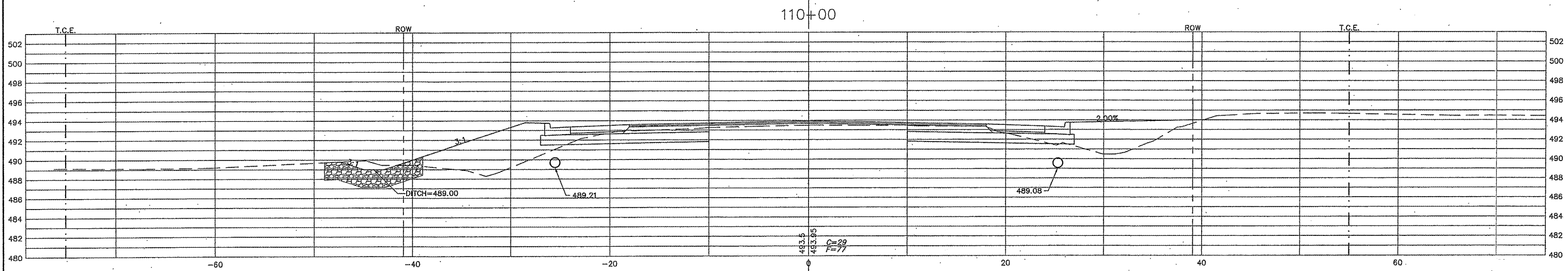
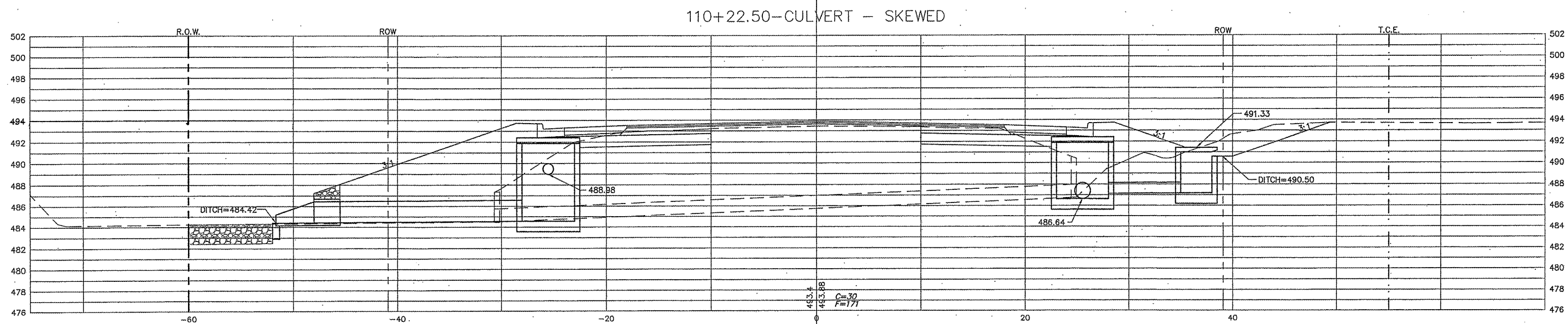
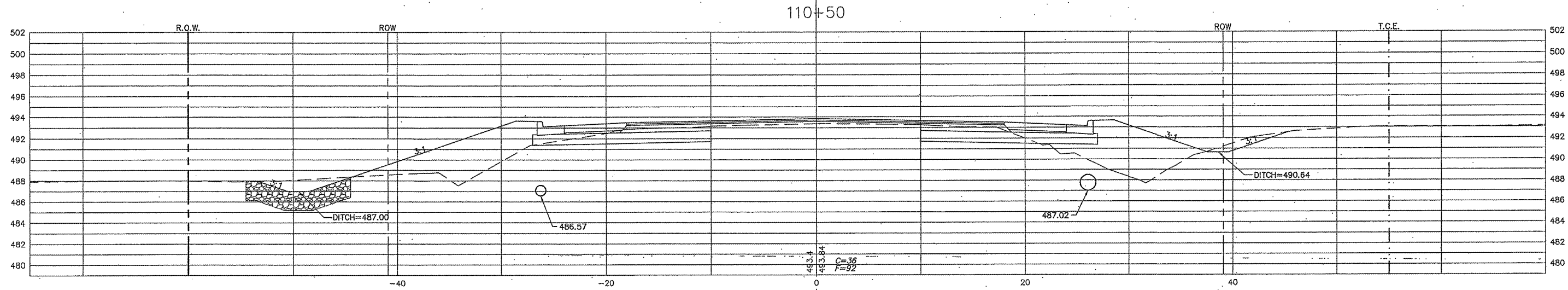
109+00



SCALE: HORZ: 1"=5'
VERT: 1"=5'

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------|---------|--------------|-----------|
| 05-00218-01-WR | MADISON | 55 | 42 |

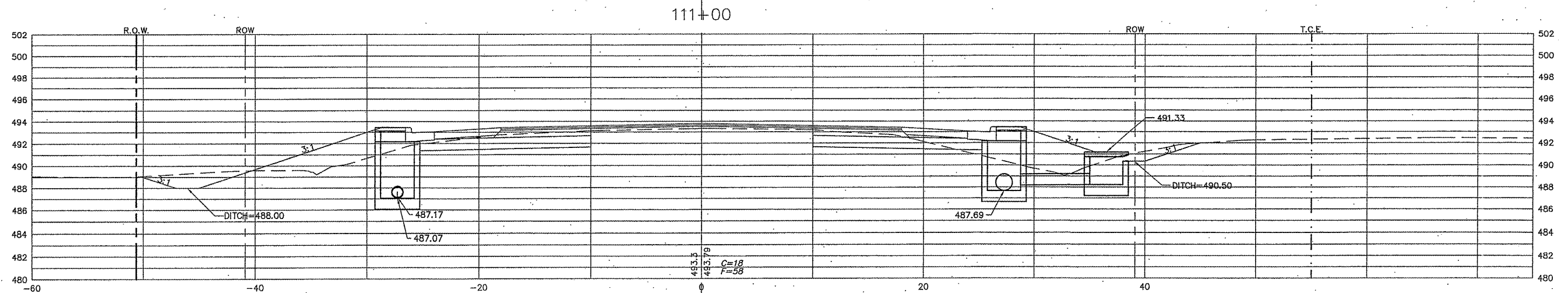
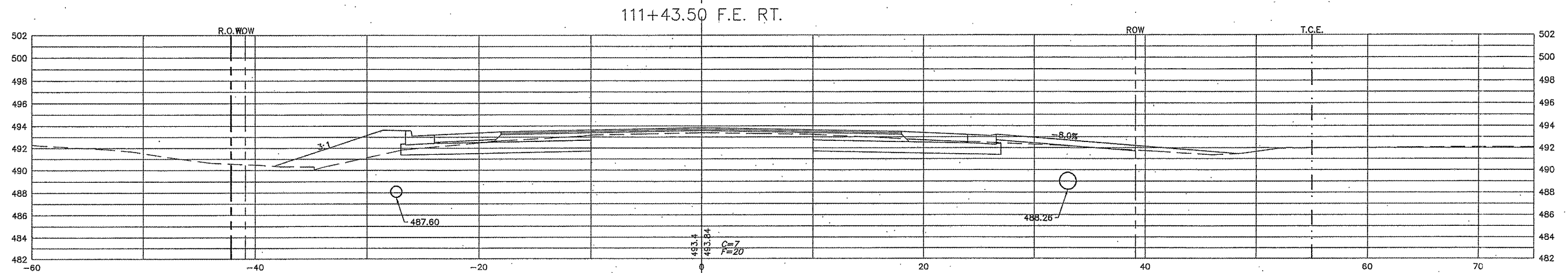
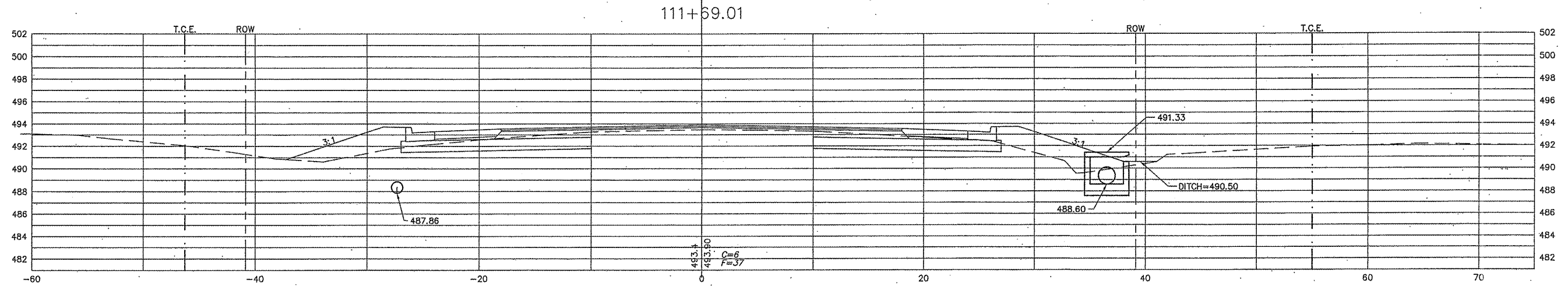
CONTRACT NO. 97456



SCALE: HORZ: 1"=5'
VERT: 1"=5'

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------|---------|--------------|-----------|
| 05-00218-01-WR | MADISON | 55 | 43 |

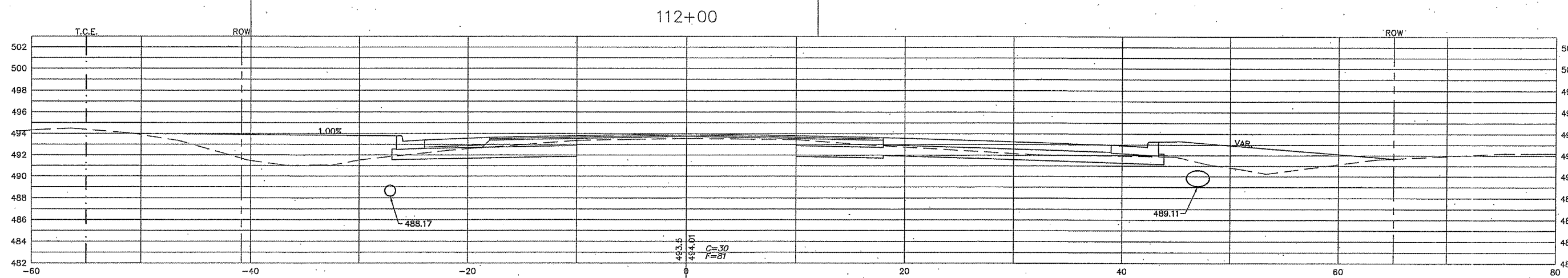
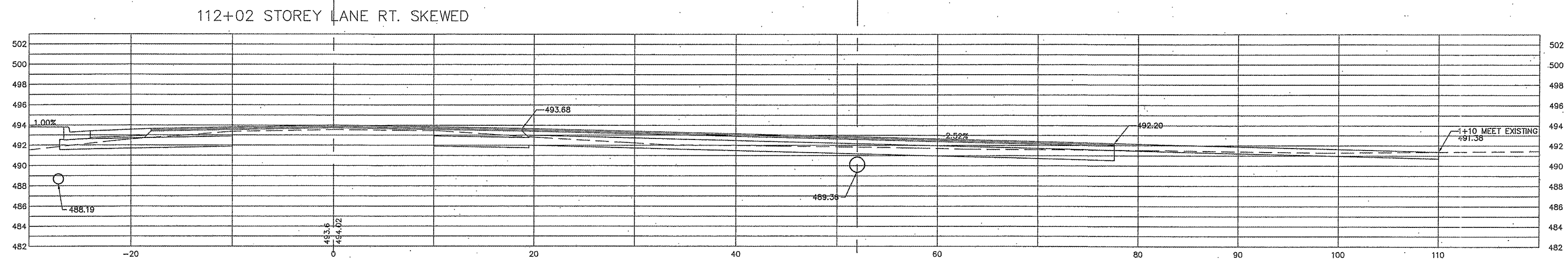
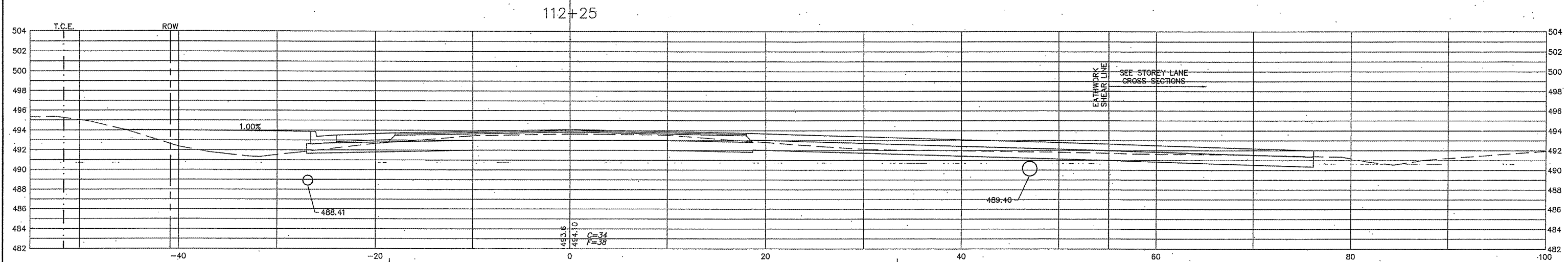
CONTRACT NO. 97456



SCALE: HORZ: 1"=5'
VERT: 1"=5'

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------|---------|--------------|-----------|
| 05-00218-01-WR | MADISON | 55 | 44 |

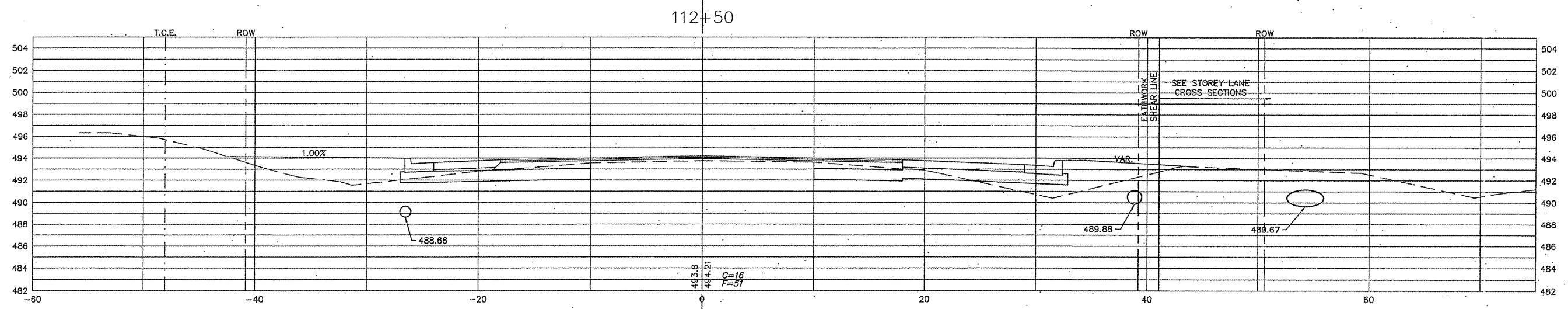
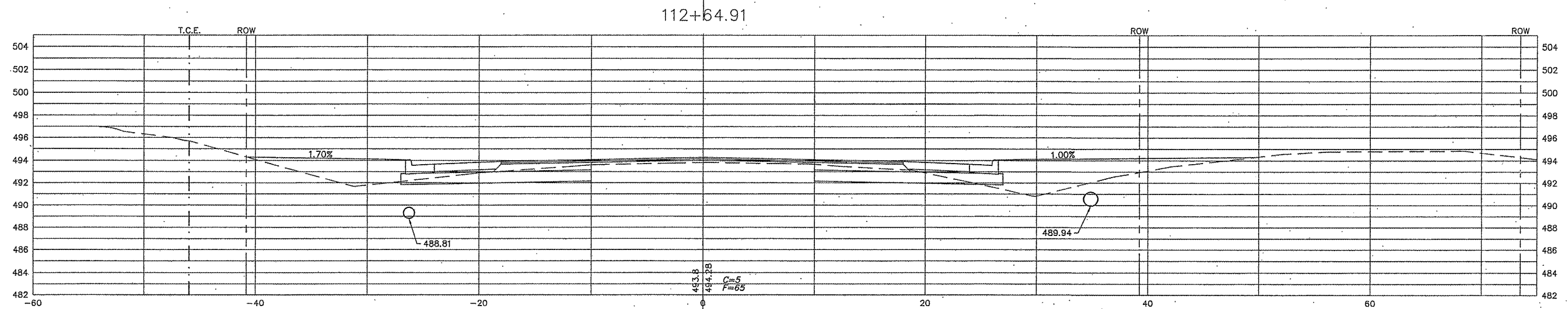
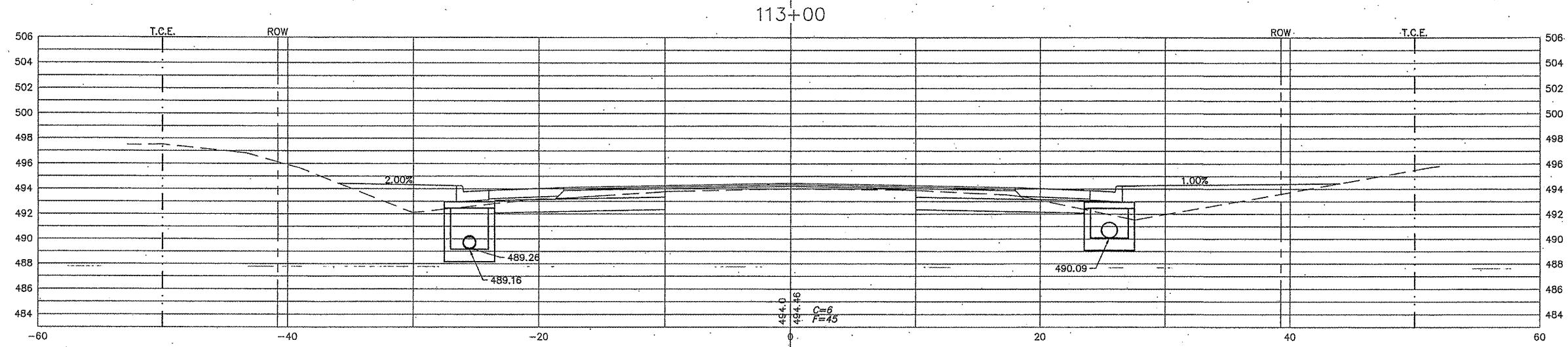
CONTRACT NO. 97456



SCALE: HORZ: 1"=5'
 VERT: 1"=5'

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------|---------|--------------|-----------|
| 05-00218-01-WR | MADISON | 55 | 45 |

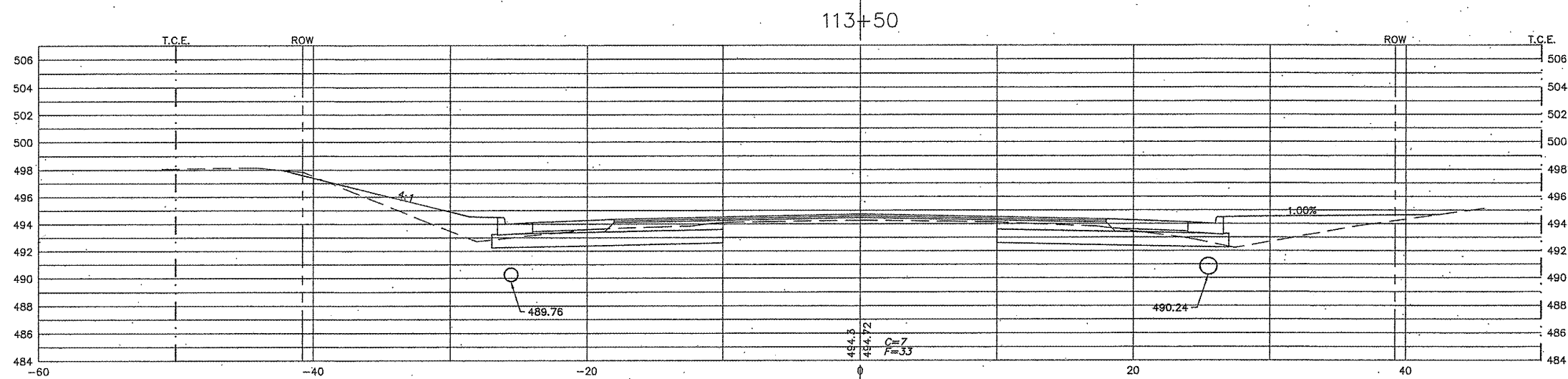
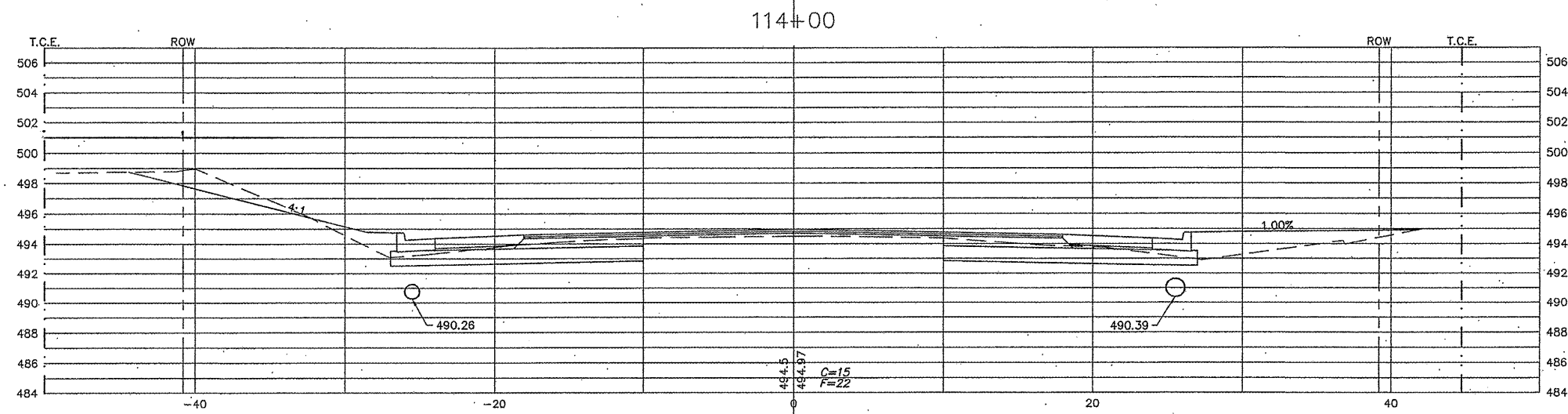
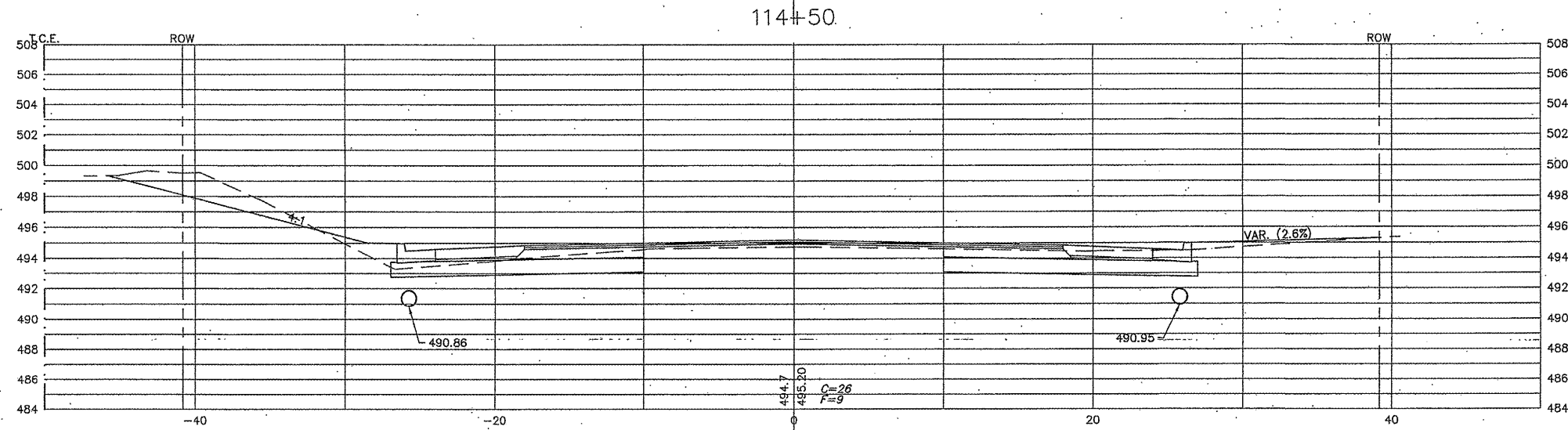
CONTRACT NO. 97456



SCALE: HORZ: 1"=5'
VERT: 1"=5'

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------|---------|--------------|-----------|
| 05-00218-01-WR | MADISON | 55 | 46 |

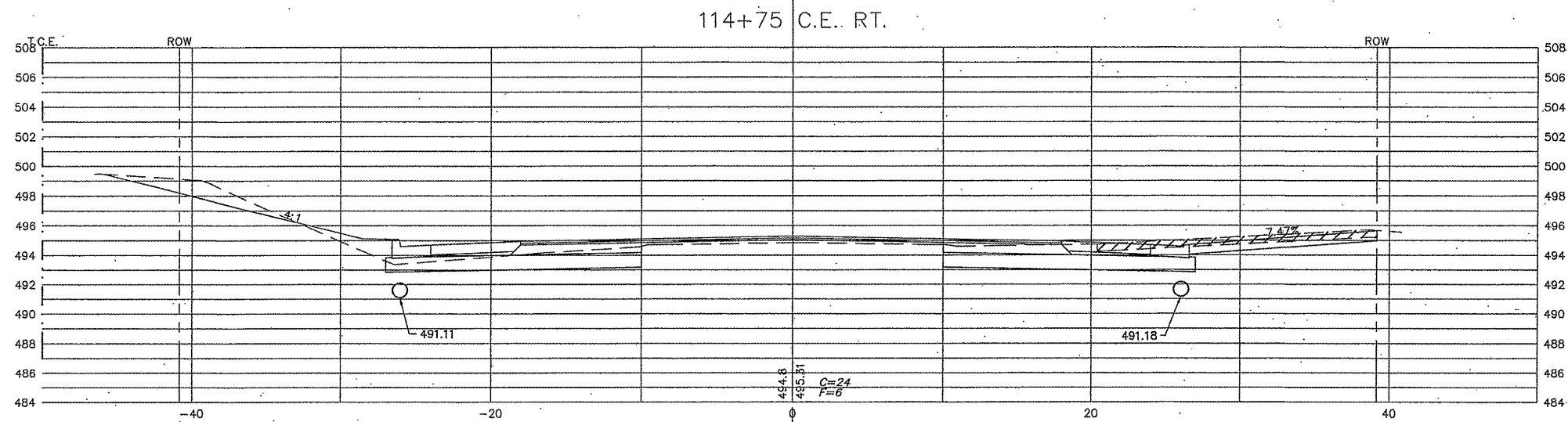
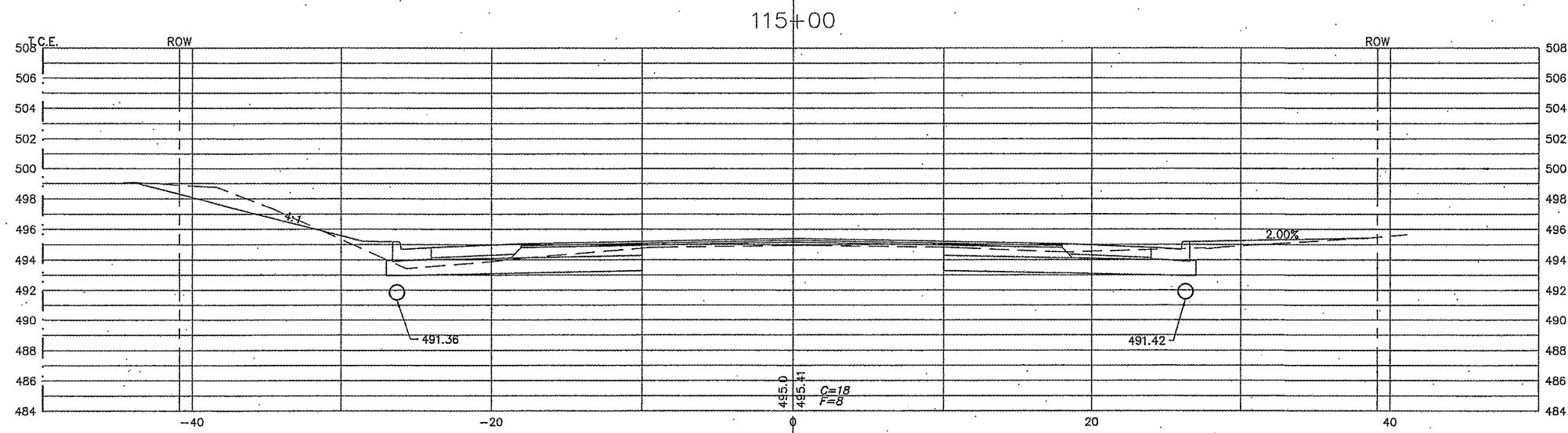
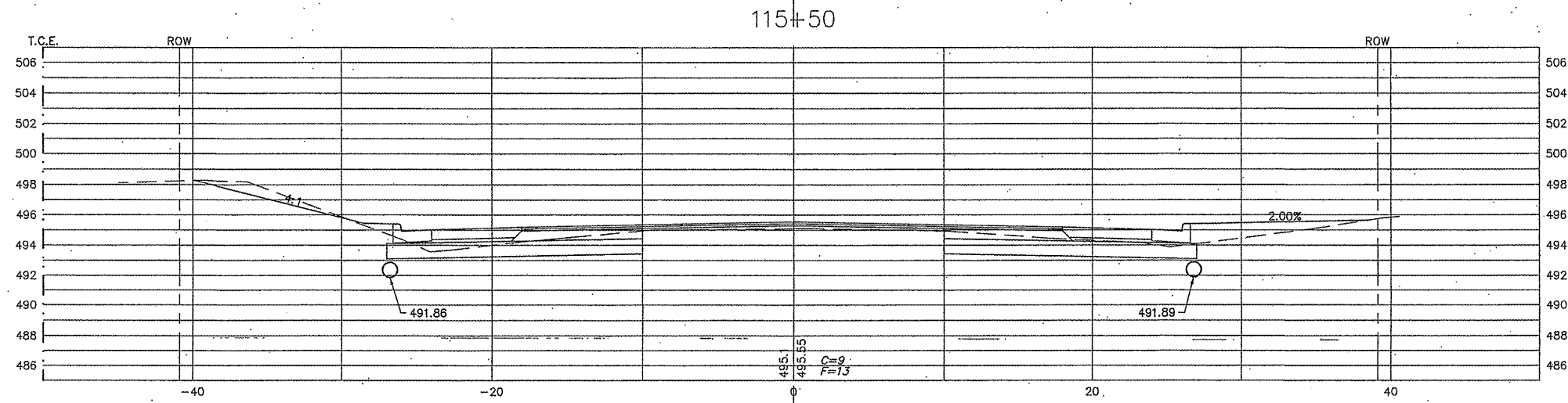
CONTRACT NO. 97456



SCALE: HORZ: 1"=5'
VERT: 1"=5'

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------|---------|--------------|-----------|
| 05-00218-01-WR | MADISON | 55 | 47 |

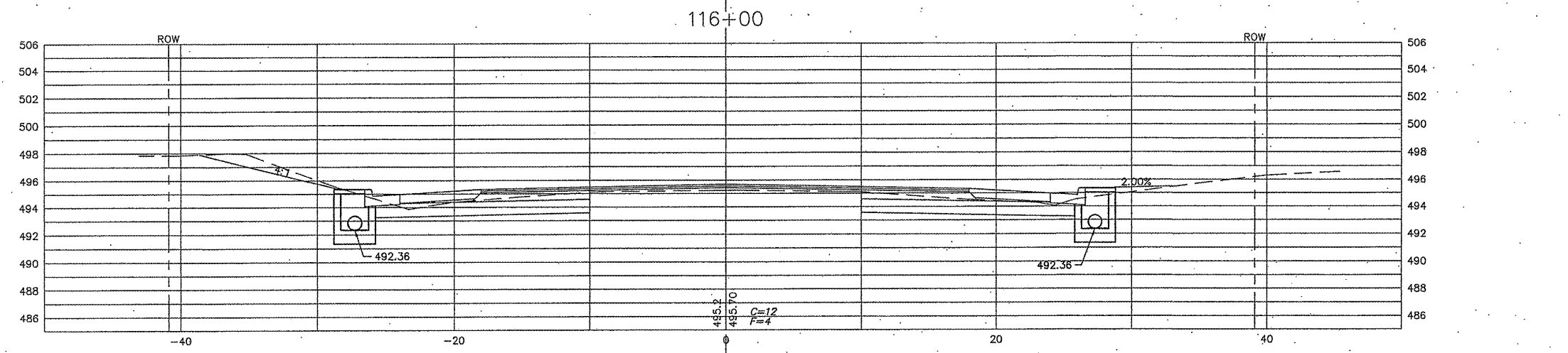
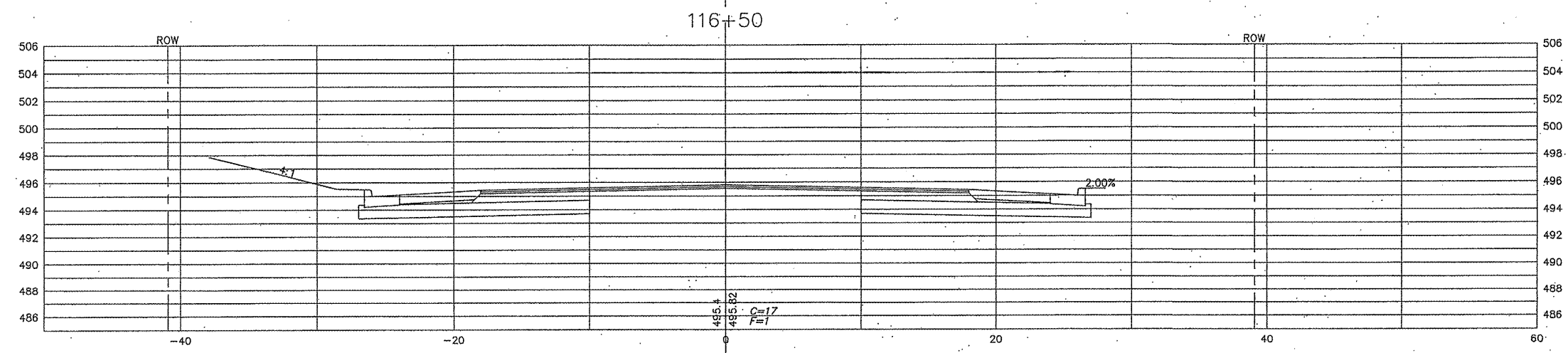
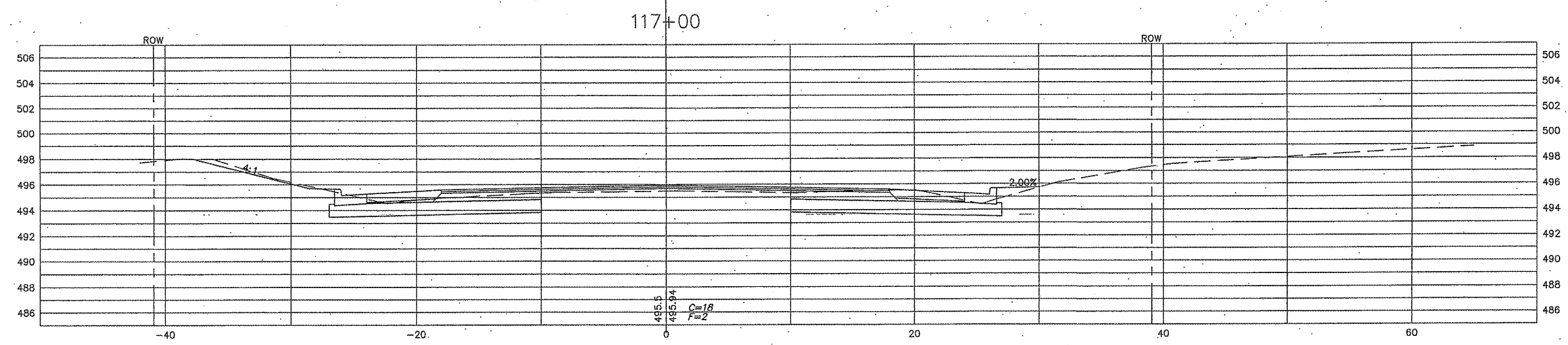
CONTRACT NO. 97456



SCALE: HORIZ: 1"=5'
VERT: 1"=5'

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------|---------|--------------|-----------|
| 05-00218-01-WR | MADISON | 55 | 48 |

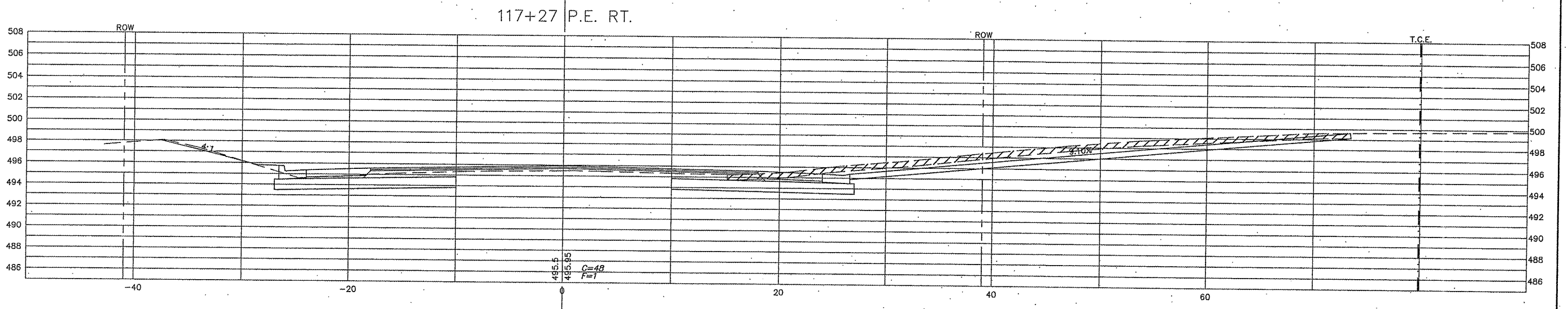
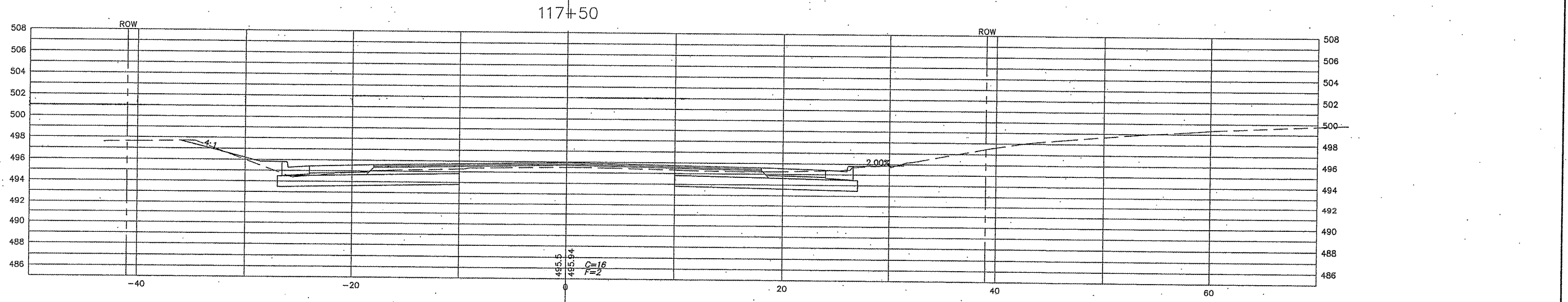
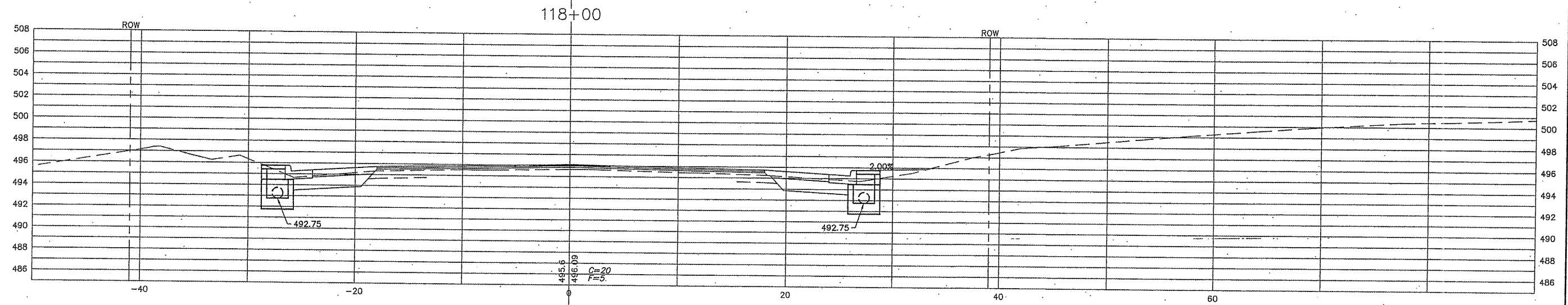
CONTRACT NO. 97456



SCALE: HORZ: 1"=5'
VERT: 1"=5'

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------|---------|--------------|-----------|
| 05-00218-01-WR | MADISON | 55 | 49 |

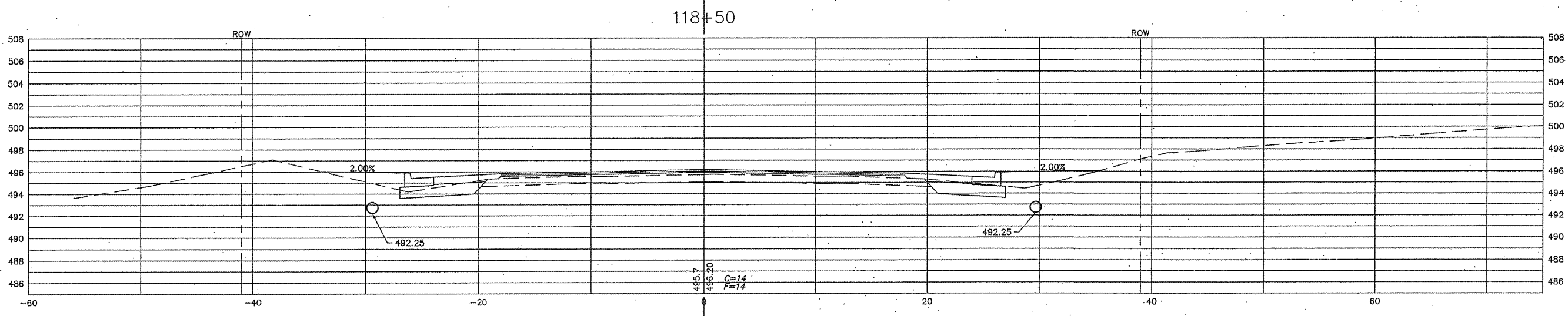
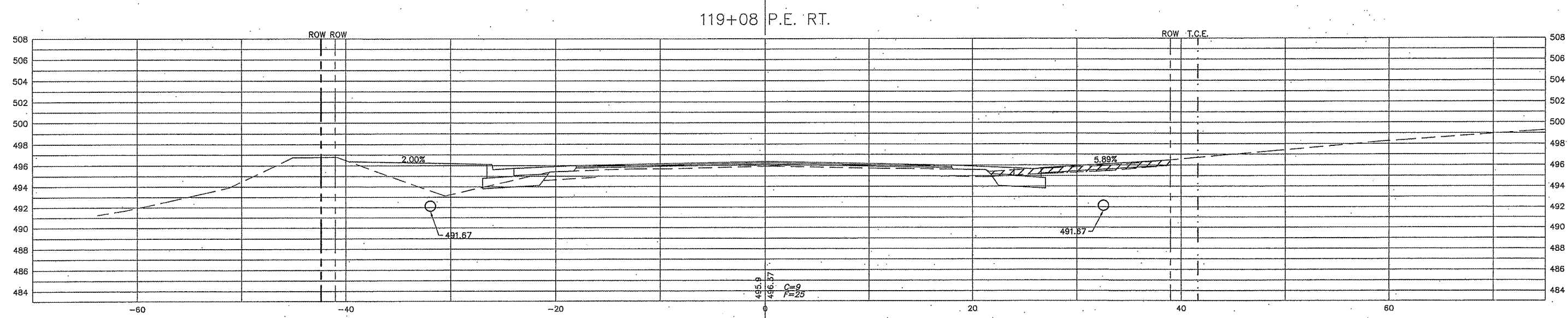
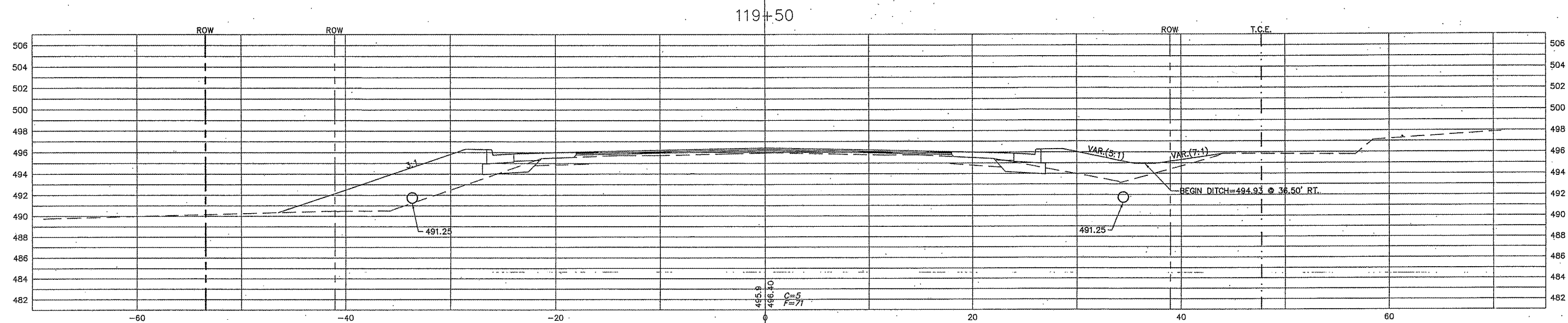
CONTRACT NO. 97456



SCALE: HORZ: 1"=5'
VERT: 1"=5'

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------|---------|--------------|-----------|
| 05-00218-01-WR | MADISON | 55 | 50 |

CONTRACT NO. 97456

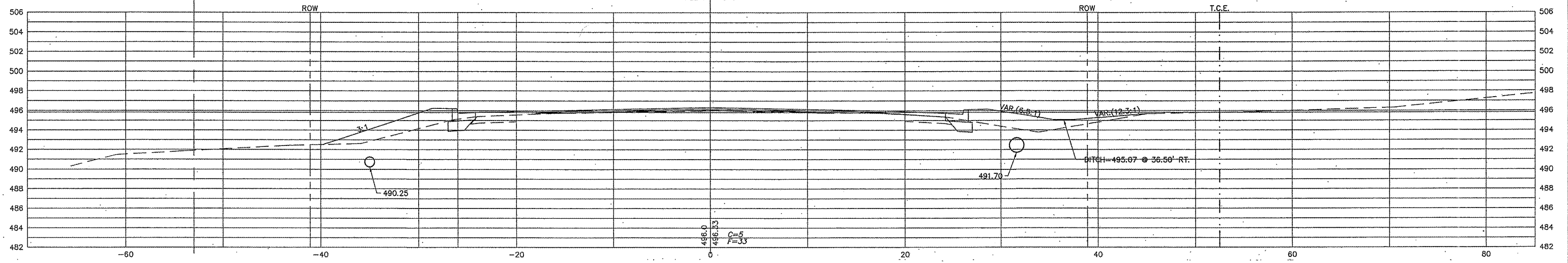


SCALE: HORZ: 1"=5'
VERT: 1"=5'

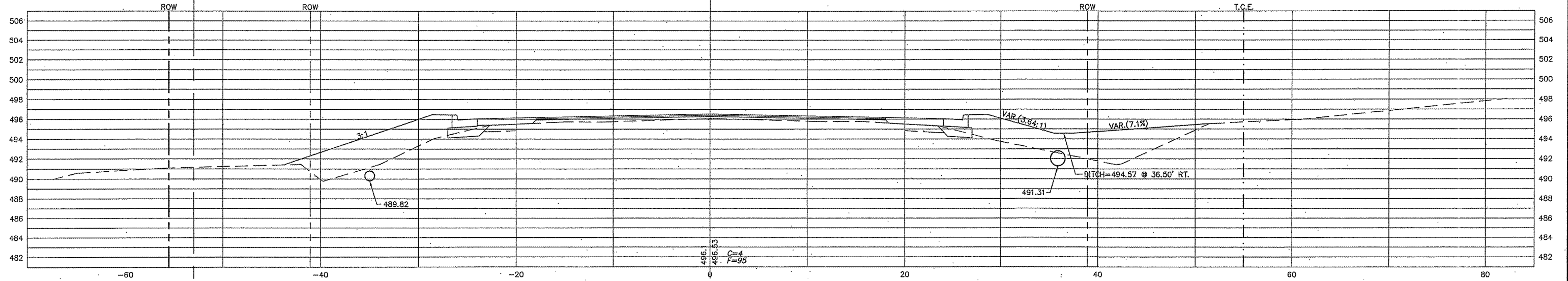
| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------|---------|--------------|-----------|
| 05-00218-01-WR | MADISON | 55 | 51 |

CONTRACT NO. 97456

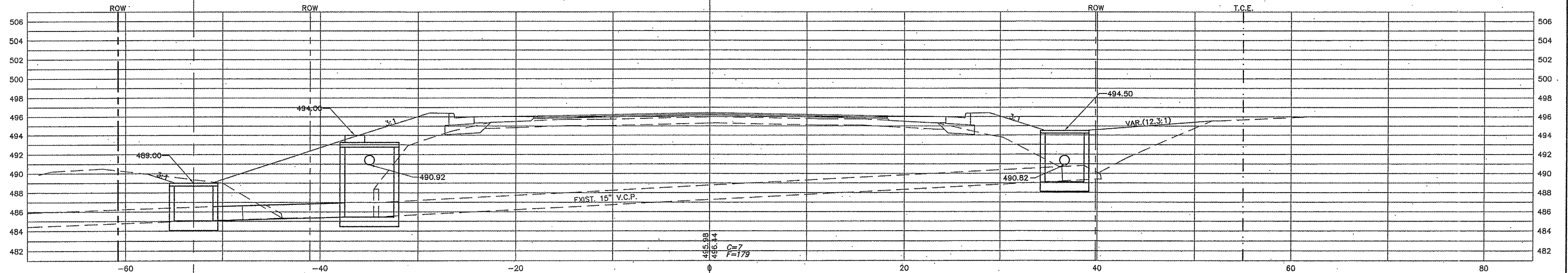
120+50



120+00



119+87.65 CULVERT - SKEWED



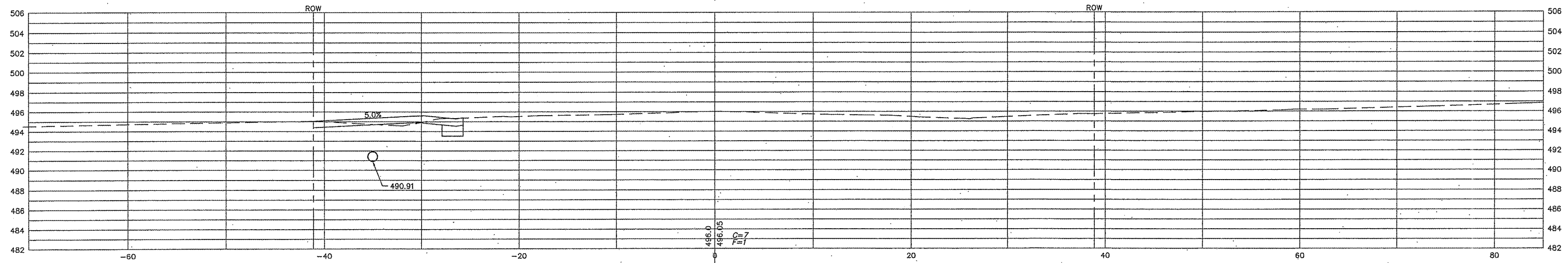
SCALE: HORZ: 1"=5'
VERT: 1"=5'

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------|---------|--------------|-----------|
| 05-00218-01-WR | MADISON | 55 | 52 |

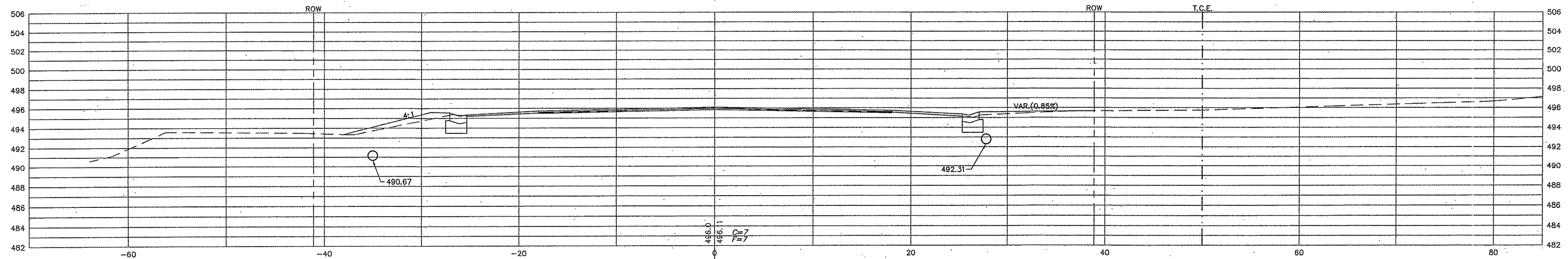
CONTRACT NO. 97456

121+39 END PROJECT

121+28 F.E. LT.



121+00

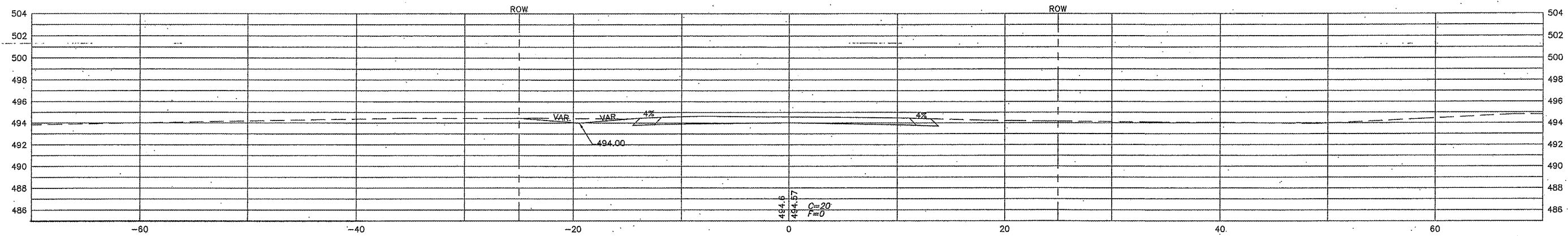


SCALE: HORZ: 1"=5'
 VERT: 1"=5'

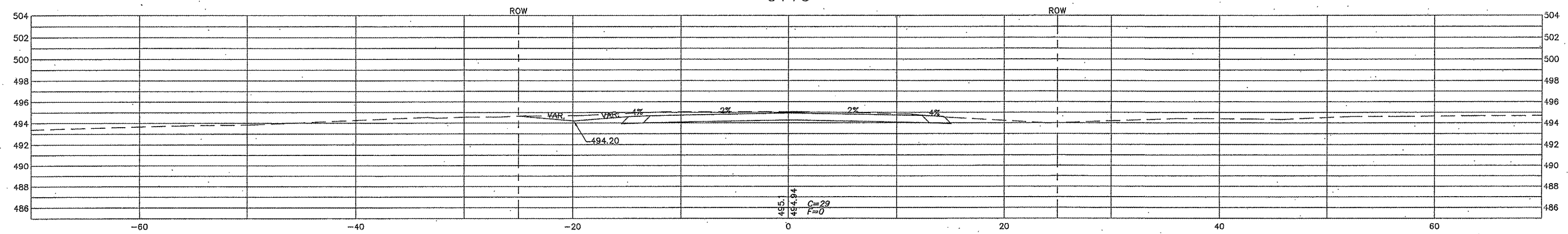
| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------|---------|--------------|-----------|
| 05-00218-01-WR | MADISON | 55 | 53 |

CONTRACT NO. 97456

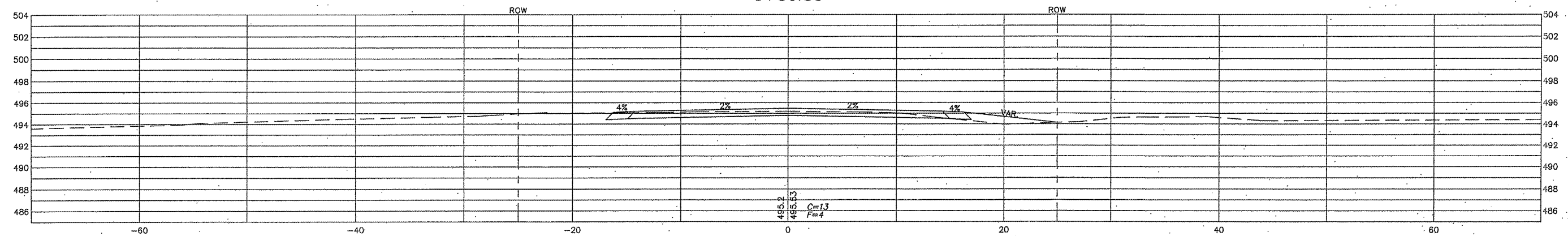
0+90 MEET EXISTING SURFACE



0+75



0+50.80

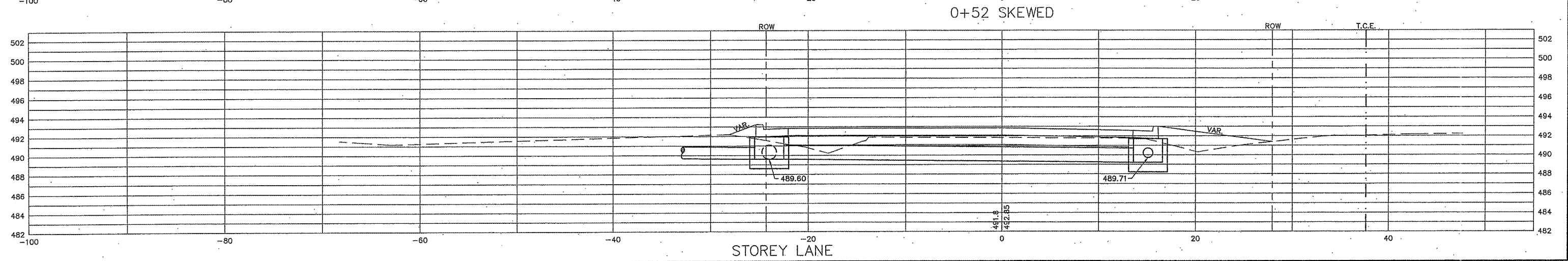
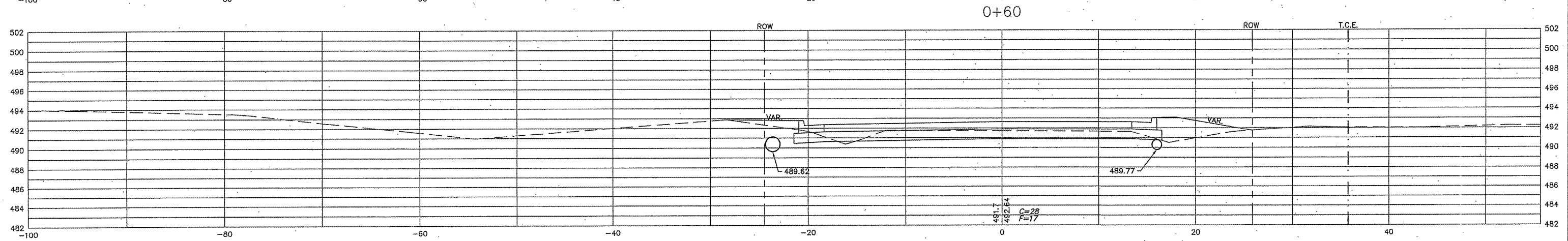
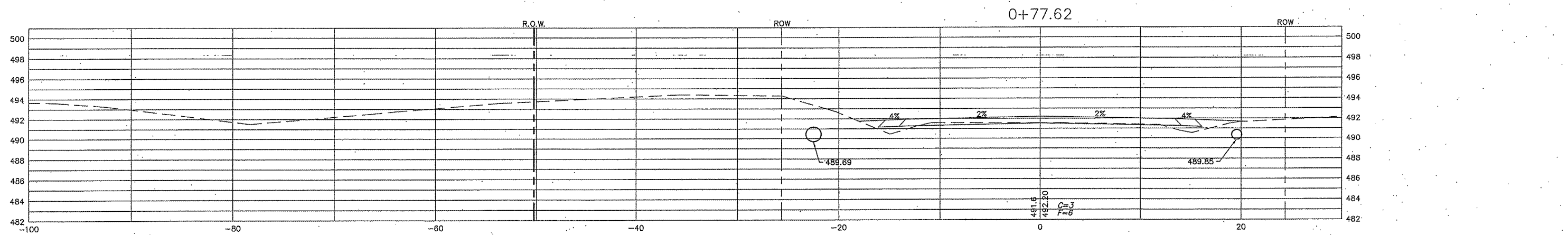
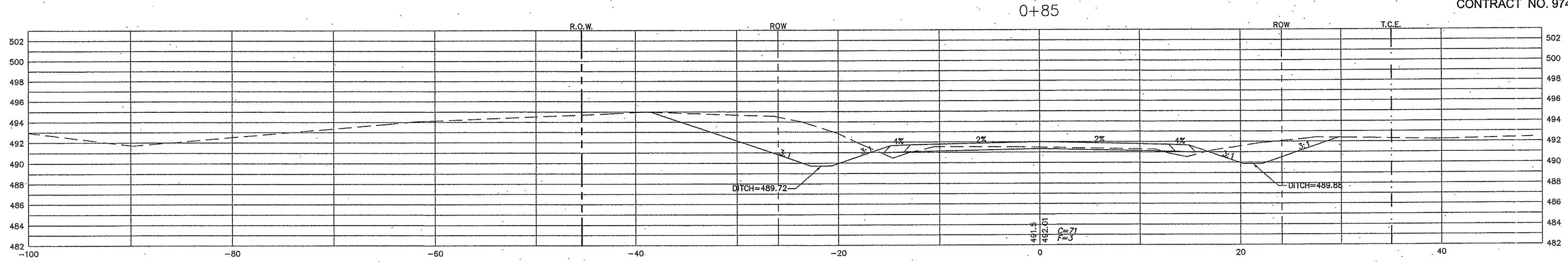


ALTON COMMERCE PARKWAY

SCALE: HORZ: 1"=5'
VERT: 1"=5'

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------|---------|--------------|-----------|
| 05-00218-01-WR | MADISON | 55 | 54 |

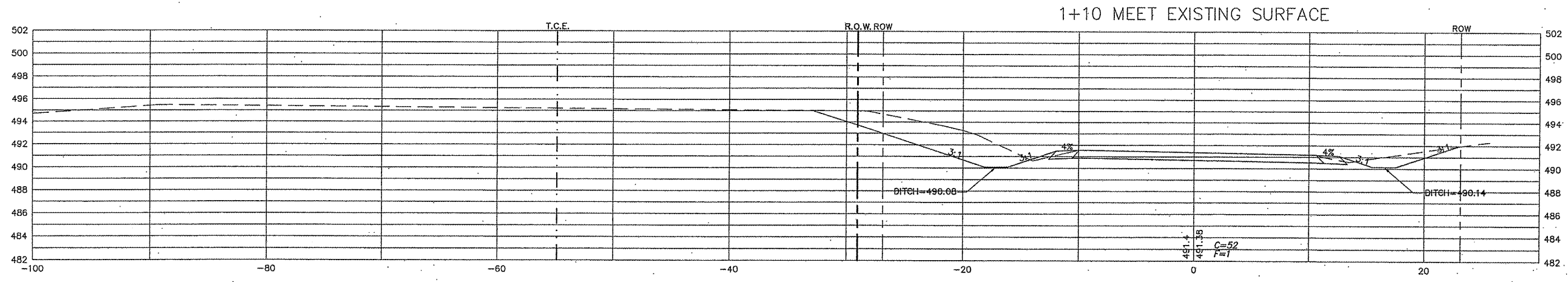
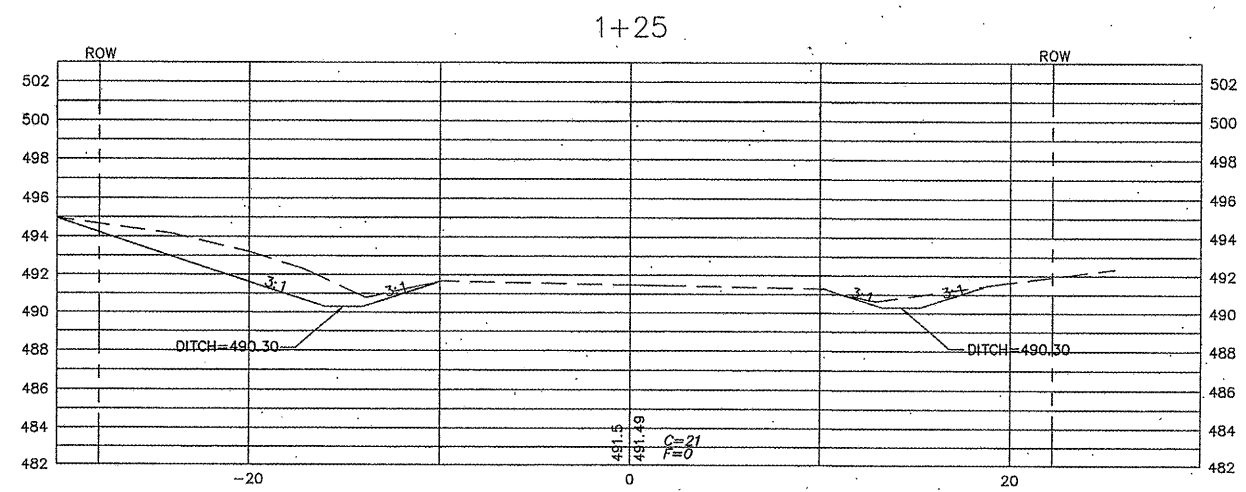
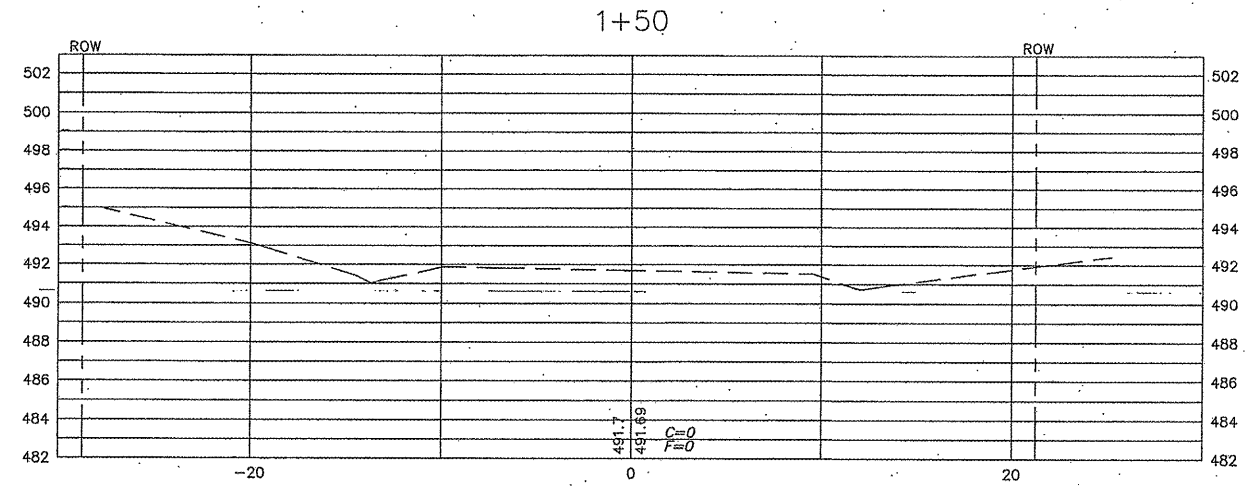
CONTRACT NO. 97456



SCALE: HORZ: 1"=5'
 VERT: 1"=5'

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------|---------|--------------|-----------|
| 05-00218-01-WR | MADISON | 55 | 55 |

CONTRACT NO. 97456



STOREY LANE