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BARGE DESIGN SOLUTIONS, INC.
615 THIRD AVE. SOUTH, SUITE 700
NASHVILLE, TN 37210
JONATHAN D. HAYCRAFT, P.E. NO. 110219

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE OF TENN. CODE ANN. §62-2-306.

| SHEET NAME | SHEET NO. |
|----------------------------------------------------|-------------------|
| SIGNATURE SHEETS..... | ROADWAY-SIGN1 |
| REVISION SHEET..... | REV1 |
| TITLE SHEET..... | 1 |
| ROADWAY INDEX AND STANDARD ROADWAY DRAWINGS..... | 1A |
| TEMPORARY WETLAND RESTORATION NOTES..... | 2D2 |
| EROSION PREVENTION AND SEDIMENT CONTROL PLANS..... | 48A, 49-1 – 49P-1 |

| YEAR | PROJECT NO. | SHEET NO. |
|------|------------------|---------------|
| 2020 | IM/NH-757-1(131) | ROADWAY-SIGN1 |
| | | |
| | | |

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNATURE
SHEET

| TYPE | YEAR | PROJECT NO. | SHEET NO. |
|--------|------|-----------------|-----------|
| CONST. | 2019 | IM/NH-75-1(131) | REV1 |
| | | | |
| | | | |
| | | | |

REV. 01-31-2020
REVISED REVISION SHEET

REV. 02-14-2020
REVISED REVISION SHEET

12-17-2019
SHEETS ADDED:
REV. 1, 2D1, 2H, 2H1 - 2H3, U-91-42 - U-91-83, U-91-107 - U-91-188, U-91-238 - U-91-258

SHEET NO. 1A
REV. 12-17-2019
REVISED INDEX

SHEET NO. 2A
REV. 12-17-2019
REVISED EST. ROADWAY QUANTITY ITEMS:
203-02.01, 209-09.43, 604-01.01, 604-01.02, 604-07.01, 604-07.03, 604-07.04, 607-03.02, 607-03.04, 607-05.02, 607-06.02, 607-10.02, 611-07.01, 611-07.02, 611-07.55, & 611-31.02;
REMOVED ITEM NO. 611-31.04
ADDED ITEM NO. 606-02.03.

SHEET NO. 2A1
REV. 12-17-2019
REVISED EST. ROADWAY QUANTITY ITEMS:
611-46.02, 709-05.06 & 709-05.08.
REMOVED ITEM 611-52.02

SHEET NO. 2A2
REV. 12-17-2019
REVISED EST. ROADWAY QUANTITY ITEMS:
740-10.04 & 801-01.35.
ADDED ITEM NO. 801-01.36
ADDED FOOTNOTES NOS. 36, 37, 38
39 & 40.

SHEET NO. 2E4
REV. 12-17-2019
REVISED CB-3B,
CB-4, CB-21, AND CB-23
REMOVED CB-2 & CB-7
REMOVED ITEM NOS. 611-31.04 & 611-52.02

SHEET NO. 2E5
REV. 12-17-2019
REVISED CULVERTS INFORMATION
BETWEEN CB-3B THROUGH CB-5;
ADDED CULVERT 1B TO 1C, REMOVED PIPE FROM 7B TO 7C

SHEET NO. 2E6
REV. 12-17-2019
ADDED ENDWALL 1C;
ADDED RIP-RAP FOR EW-1C, REMOVED ENDWALL 7C

SHEET NO. 9A
REV. 12-17-2019
REVISED GRADED SOLID ROCK AND CLASS "B" RIP-RAP LIMITS AT
BRIDGE NOS. 7, 1SB, 1NB, 8, & 10.
NOTE ADDED TO SHEET TO SEE BRIDGE SHEETS FOR RIP-RAP
AND GRADED SOLID ROCK LOCATIONS.
REVISED RETAINING WALL 2-1.

SHEET NO. 10A
REV. 12-17-2019;
REVISED RETAINING WALL NOS. 2-1, 3-1, & 3-4.
REMOVED CB-7B, CULVERT BETWEEN 7B & 7C,
& AND ENDWALL 7-C FROM PLANS

SHEET NO. 10B
REV. 12-17-2019;
REMOVED DRAINAGE STRUCTURES 7B & 7C

SHEET NO. 11A
REV. 12-17-2019
REVISED WALL 3-4 & ADDED RELIEF SLAB
OVER 54" RCP NEAR CB19;
REVISED RCP SIZES BETWEEN CB- 4 & CB-5.

SHEET NO. 11B
REV. 12-17-2019; REVISED STRM. DRAINAGE
FROM CB-5 TO CB-23

SHEET NO. 11C
REV. 12-17-2019; REVISED STRM. DRAINAGE
FROM CB-5 TO CB-23

SHEET NO. 12A
REV. 12-17-2019;
REVISED CB-3C, CB-3, CB-3A, CB-3B;
REMOVED CB-2 AND CULVERTS;
ADDED ENDWALL 1C,
A CULVERT FROM 1B TO 1C,
AND RIP-RAP FOR EW-1C.
REVISED CLASS "B" RIP-RAP
LIMITS AT BRIDGE NO. 4.

SHEET NO. 12B
REV. 12-17-2019;
REVISED CB-3C, CB-3, CB-3A, CB-3B;
DELETED CB-2 AND CULVERTS;
ADDED ENDWALL 1C,
A CULVERT FROM 1B TO 1C,
AND RIP-RAP FOR EW-1C.

SHEET NO. 13A
REV. 12-17-2019;
REVISED CLASS "B" RIP-RAP
LIMITS AT BRIDGE NO. 4.

SHEET NO. 19
REV. 12-17-2019;
REVISED ELEVATION LABEL AT STA. 205+00.

SHEET NO. 21
REV. 12-17-2019;
REVISED ELEVATION LABEL AT STA. 237+00.

SHEET NO. 22
REV. 12-17-2019;
REVISED ELEVATION LABEL AT STA. 243+50.

SHEET NO. 48
REV. 12-17-2019;
REVISED ITEM NO. 209-09.43.

SHEET NO. 50H
REV. 12-17-2019;
REMOVED DRAINAGE STRUCTURE CB-2

SHEET NO. 51F
REV. 12-17-2019;
REMOVED DRAINAGE STRUCTURES 7B & 7C.

SHEET NO. 51H
REV. 12-17-2019;
REMOVED DRAINAGE STRUCTURE CB-2 .

SHEET NO. 52F
REV. 12-17-2019;
REMOVED DRAINAGE STRUCTURES 7B & 7C.

SHEET NO. 100
REV. 12-17-2019;
ADJUSTED CROSS SECTIONS TO
MATCH SE TRANSITION SHOWN ON PROFILE.

SHEET NO. 101
REV. 12-17-2019;
ADJUSTED CROSS SECTIONS TO
MATCH SE TRANSITION SHOWN ON PROFILE.

SHEET NO. 124
REV. 12-17-2019
REVISED TO SHOW BRIDGE APPROACH SLAB CROSS SLOPES.

SHEET NO. 129
REV. 12-17-2019
REVISED SECTIONS 373+50 THRU 375+00 TO REFLECT
CHANGES IN WALL 2-1.

SHEET NO. 130
REV. 12-17-2019
REVISED SECTIONS 373+50 THRU 375+00 TO REFLECT
CHANGES IN WALL 2-1.

SHEET NO. 133
REV. 12-17-2019
SECTIONS 379+50, 380+00, AND 380+50 REVISED.

SHEET NO. 145
REV. 12-17-2019
REVISED TO SHOW PROPER
LOCATION FOR LANE BREAK.

SHEET NO. 146
REV. 12-17-2019
REVISED TO SHOW PROPER
LOCATION FOR LANE BREAK.

SHEET NO. 254
REV. 12-17-2019
REVISED TO SHOW BRIDGE APPROACH SLAB CROSS SLOPES.

SHEETS 281-292
REV. 12-17-2019
REVISED CROSS SECTIONS TO
MATCH WITH PROFILE ELEVATIONS

SHEET NO. 282
REV. 12-17-2019
SECTIONS REVISED

SHEET NO. 329
REV. 12-17-2019
WALL 2-1 REVISED IN RAMP D CROSS SECTIONS.

SHEET NO. 351
REV. 12-17-2019
CORRECTED STATION LABELS.

SHEET NO. 353
REV. 12-17-2019
CORRECTED STATION LABELS.

SHEET NO. 14-N
REV. 12-17-2019
REVISED GUARDRAIL TRANSITION AT
TEMPORARY BRIDGE.

SHEET NO. R-00
REV. 12-17-2019
REVISED ALIGNMENT AND CURVE DATA OF WALL NOS. 2-1, 3-1, AND 3-4.

SHEET NO. R-01
REV. 12-17-2019
REVISED WALL 2-1.

SHEET NO. R-03
REV. 12-17-2019
REVISED WALL NO. 3-1 TO TIE ABUTMENT #1 TO BRIDGE NO. 3. REVISED
TABLE TO UPDATE STATIONS, OFFSETS, ELEVATIONS, AND
WALL HEIGHTS DUE TO CHANGES TO WALL NO. 3-1.

SHEET NO. R-04
REV. 12-17-2019
REVISED WALL NO. 3-4 TO TIE ABUTMENT #2 TO BRIDGE NO. 3.

SHEET NO. R-04(1)
REV. 12-17-2019
REVISED TABLE TO UPDATE STATIONS, OFFSETS, ELEVATIONS, AND
WALL HEIGHTS DUE TO CHANGES TO WALL NO. 3-4.

01-31-2020
SHEETS ADDED:
2A3, 2A4, U-91-189 - U-91-237, L-1 - L-14, ITS-1 - ITS-37

SHEET REV1
REV. 1-31-2020
REVISED REVISION SHEET

SHEET NO. 1A
REV. 1-31-2020
REVISED INDEX

SHEET NO. 2A
REV. 01-31-2020:
REVISED EST. ROADWAY QUANTITY ITEMS: 607-39.02,
611-07.01, & 611-07.02

SHEET NO. 2E
REV. 01-31-2020:
REVISED RAMP D/RAMP G SP. DITCH

SHEET NO. 2E2
REV. 01-31-2020:
REVISED SIDE DRAIN TABULATION

SHEET NO. 2E6
REV. 01-31-2020:
ADDED ENDWALLS 113 & 113A

SHEET NO. 7A
REV. 01-31-2020:
ADDED SIDE DRAIN TO RAMP G LT, REVISED SP,
DITCH

SHEET NO. 7B
REV. 01-31-2020:
REVISED SP. DITCH I-75 RT. FROM APPROX. 347+00 TO
348+00

SHEET NO. 7C
REV. 01-31-2020:
REVISED SP. DITCH I-75 RT. FROM APPROX. 347+00 TO
348+00

SHEET NO. 8A
REV. 01-31-2020:
REVISED SP. DITCH I-75 FROM APPROX. 348+00 TO
350+00

SHEET NO. 8B
REV. 01-31-2020:
REVISED SP. DITCH I-75 RT FROM APPROX. 348+00 TO
350+00

SHEET NO. 8C
REV. 01-31-2020:
REVISED SP. DITCH I-75 RT FROM APPROX. 348+00 TO
350+00

SHEET NO. 50C
REV. 01-31-2020:
ADDED SIDE DRAIN TO RAMP G LT, REVISED SP,
DITCH.

SHEET NO. 51C
REV. 01-31-2020:
ADDED SIDE DRAIN TO RAMP G LT, REVISED SP,
DITCH

SHEET NO. 52C
REV. 01-31-2020:
ADDED SIDE DRAIN TO RAMP G LT, REVISED SP,
DITCH

SHEET NO. 113
REV. 01-31-2020:
SECTIONS 347+00 AND 347+50 REVISED

SHEET NO. 114
REV. 01-31-2020:
SECTIONS REVISED

SHEET NO. 312
REV. 01-31-2020:
SECTION 2330+00 REVISED

SHEET NO. 313
REV. 01-31-2020:
SECTION 2330+50 REVISED

SHEET NO. 352
REV. 01-31-2020:
SECTIONS REVISED

SHEET NO. U-91-2
REV. 01-31-2020:
REVISED LOCATION OF CONSTRUCTION JOINT

SHEET NO. U-91-3
REV. 01-31-2020:
REVISED DRAWING REVISION DATES

SHEET NO. U-91-5
REV. 01-31-2020:
REVISED ESTIMATED QUANTITIES TABLE AND
REMOVED FOOTNOTE FOR COUPLERS

SHEET NO. U-91-6
REV. 01-31-2020:
REVISED LOCATION OF CONSTRUCTION JOINT

SHEET NO. U-91-7
REV. 01-31-2020:
REVISED PHASE CONSTRUCTION LIMITS

SHEET NO. U-91-8
REV. 01-31-2020:
REVISED TYPICAL SECTION FOR NEW PHASE
CONSTRUCTION JOINT LOCATION

SHEET NO. U-91-9 THRU U-91-11
REV. 01-31-2020:
REVISED PHASE CONSTRUCTION JOINT LOCATION

SHEET NO. U-91-13
REV. 01-31-2020:
REVISED PLAN AND ELEVATION FOR NEW
CONSTRUCTION JOINT LOCATION

SHEET NO. U-91-14
REV. 01-31-2020:
REVISED SECTION C-C AND DETAIL A FOR NEW
PHASE CONSTRUCTION JOINT LOCATION

SHEET NO. U-91-15
REV. 01-31-2020:
REMOVED COUPLER BAR DETAIL

SHEET NO. U-91-16
REV. 01-31-2020:
REVISED PLAN AND ELEVATION FOR NEW
CONSTRUCTION JOINT LOCATION

SHEET NO. U-91-17
REV. 01-31-2020:
REVISED SECTION C-C AND DETAIL A FOR NEW
PHASE CONSTRUCTION JOINT LOCATION

SHEET NO. U-91-18
REV. 01-31-2020:
REMOVED COUPLER BAR DETAIL

SHEET NO. U-91-20
REV. 01-31-2020:
REVISED SUPERSTRUCTURE AND ABUTMENT BILL OF
STEEL

SHEET NO. U-91-21
REV. 01-31-2020:
REVISED ABUTMENT BILL OF STEEL

SHEET NO. U-91-22
REV. 01-31-2020:
REVISED LOCATION OF CONSTRUCTION JOINT &
UPDATED DIMENSIONS THAT WERE AFFECTED BY
THIS CHANGE

SHEET NO. U-91-23
REV. 01-31-2020:
UPDATED REVISION DATES UNDER LIST OF
DRAWINGS

SHEET NO. U-91-25
REV. 01-31-2020:
REVISED ESTIMATED QUANTITIES TABLE AND
REMOVED FOOTNOTE FOR COUPLERS.

SHEET NOS. U-91-26 THRU U-91-34
REV. 01-31-2020:
REVISED LOCATION OF CONSTRUCTION JOINT AND
UPDATED DIMENSIONS THAT WERE AFFECTED BY
THIS CHANGE.

SHEET NO. U-91-35
REV. 01-31-2020:
REMOVED COUPLER BAR DETAIL

SHEET NOS. U-91-36 THRU U-91-37
REV. 01-31-2020:
REVISED LOCATION OF CONSTRUCTION JOINT AND
UPDATED DIMENSIONS THAT WERE AFFECTED BY
THIS CHANGE.

SHEET NO. U-91-38
REV. 01-31-2020:
REMOVED COUPLER BAR DETAIL

SHEET NO. U-91-40
REV. 01-31-2020:
REVISED SUBSTRUCTURE AND ABUTMENT BILL OF
STEEL LISTS

SHEET NO. U-91-41
REV. 01-31-2020:
REVISED ABUTMENT BILL OF STEEL LIST

SHEET NO. U-91-241
REV. 01-31-2020:
REVISED ESTIMATED QUANTITIES TABLE FOR ITEM
NO. 604-03.02

SHEET NO. U-91-254
REV. 01-31-2020:
REVISED FOOTING REINFORCEMENT, COLUMN
CALLOUTS, AND ESTIMATED QUANTITIES TABLE

SHEET NO. U-91-255
REV. 01-31-2020:
REVISED SECTION C-C AND PLAN OF FOOTING DETAIL

SHEET NO. U-91-256
REV. 01-31-2020:
REVISED FOOTING LAYOUT IN PLAN VIEW

SHEET NO. U-91-258
REV. 01-31-2020:
REVISED QUANTITIES FOR BENT NO. 1

SHEET NO. 1
REV. 02-14-2020
REVISED PROJECT DESCRIPTION

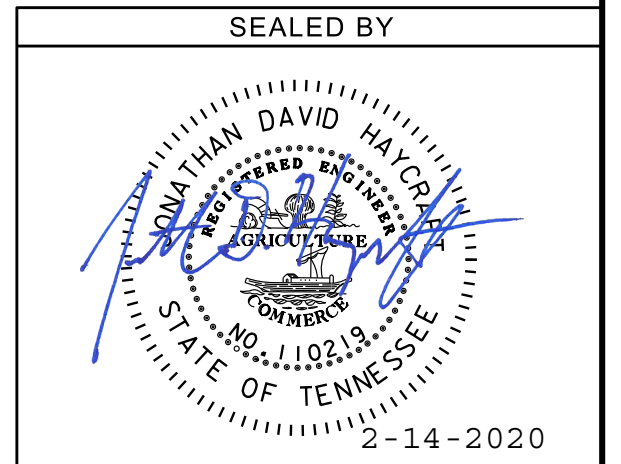
SHEET NO. 1A
REV. 02-14-2020
REVISED INDEX

END OF REV. 02-14-2020

END OF REV. 01-31-2020

02-14-2020
SHEETS ADDED:
2D2, 48A, 49-1 THRU 49P-1

SHEET REV1
REV. 02-14-2020
REVISED REVISION SHEET



COORDINATES ARE NAD/83(1995),
ARE DATUM ADJUSTED BY THE
FACTOR OF 0.99998 AND TIED TO
THE TGRN. ALL ELEVATIONS ARE
REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF
TRANSPORTATION

REVISION
SHEET

INDEX OF SHEETS
SEE SHEET NO. 1A

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF ENGINEERING

| | | |
|--------------------|-----------------|-----------|
| TENN. | YEAR | SHEET NO. |
| | 2019 | 1 |
| FED. AID PROJ. NO. | IM/NH-75-1(131) | |
| STATE PROJ. NO. | 33005-1185-44 | |

DESIGN BUILD PROJECT
REV. 10-18-2019
REVISED PROJECT DESCRIPTION
REV. 02-14-2020
REVISED PROJECT DESCRIPTION

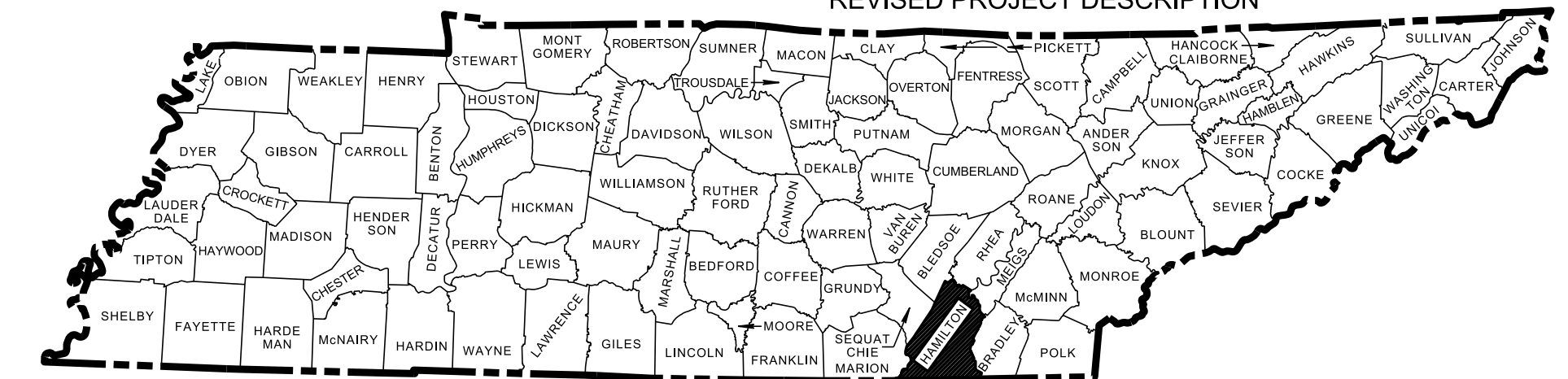
HAMILTON COUNTY

INTERSTATE 75,
INTERCHANGE AT
INTERSTATE 24

CONSTRUCTION
(RFC-02B)

(GRADING, DRAINAGE, PAVING, BRIDGE,
RETAINING WALLS, SIGNING AND STRIPING)

STATE HIGHWAY NO. I-75 F.A.H.S. NO. I-75



PROJECT LOCATION

NO EQUATIONS

NO EXCLUSIONS

33005-1185-44
END PROJECT NO. IM/NH-75-1(131) CONST.
STA. 443+85.00 INTERSTATE 75
N: 247594.2462 E: 2210778.1747

LIMIT OF WORK
INTERSTATE 24
N: 245122.9291 E: 2202207.3590

44330-1185-44
BEGIN PROJECT NO. IM/NH-75-1(131) CONST.
STA. 303+51.97 INTERSTATE 75
N: 238539.1748 E: 2207642.6817

SPECIAL NOTES

PROPOSALS MAY BE REJECTED BY THE COMMISSIONER IF ANY OF THE UNIT PRICES CONTAINED THEREIN ARE OBVIOUSLY UNBALANCED, EITHER EXCESSIVE OR BELOW THE REASONABLE COST ANALYSIS VALUE.

THIS PROJECT TO BE CONSTRUCTED UNDER THE STANDARD SPECIFICATIONS OF THE TENNESSEE DEPARTMENT OF TRANSPORTATION DATED JANUARY 1, 2015 AND ADDITIONAL SPECIFICATIONS AND SPECIAL PROVISIONS CONTAINED IN THE PLANS AND IN THE PROPOSAL CONTRACT.

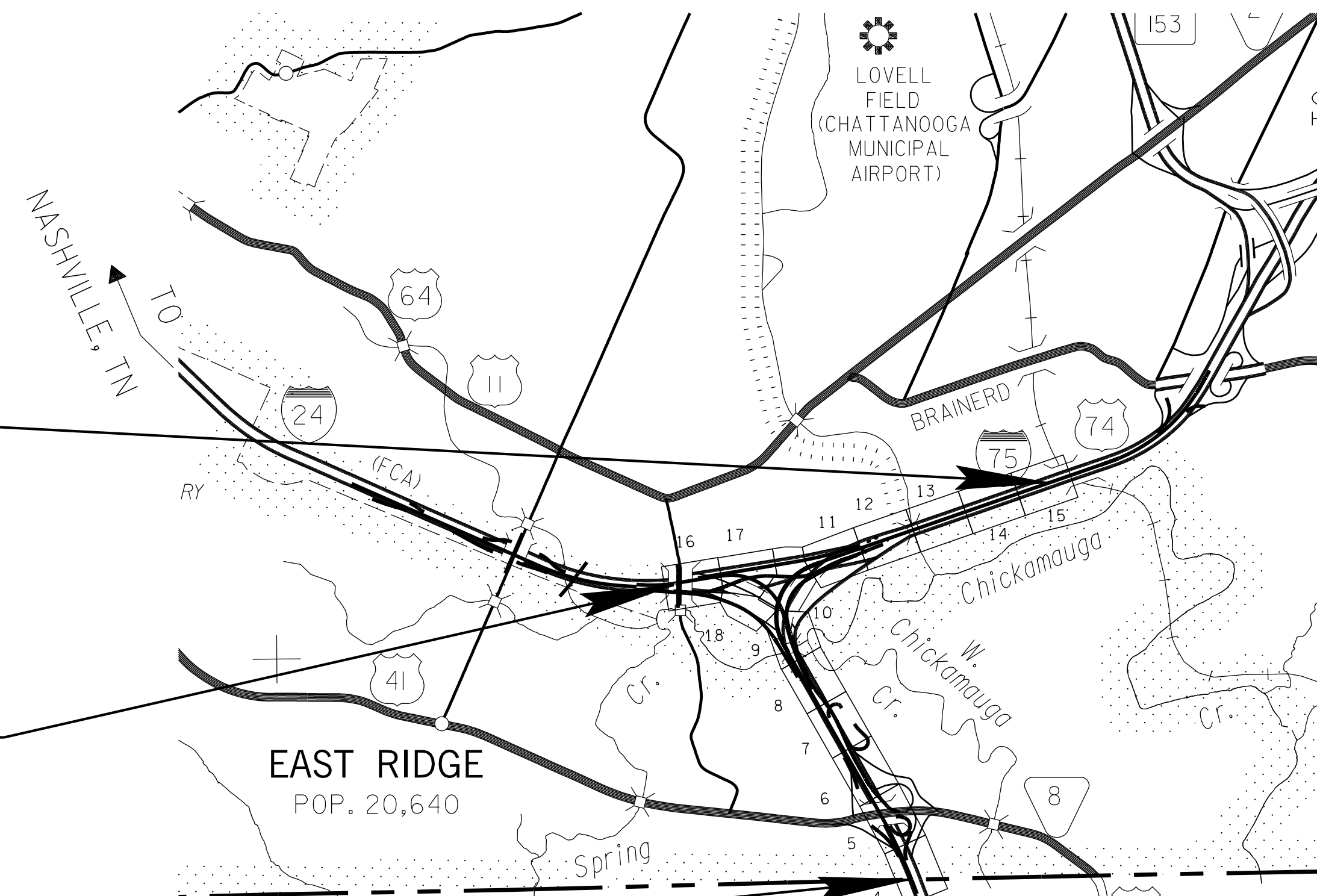
TDOT C.E. MANAGER 1 OR
TDOT TRANSPORTATION MANAGER 1: ROBERT RODGERS, P.E.

DESIGNED BY: BARGE DESIGN SOLUTIONS, INC.

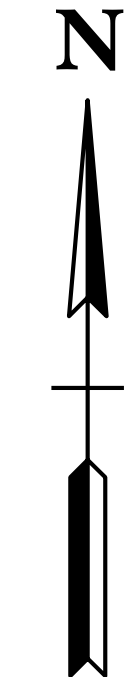
DESIGNER: JONATHAN HAYCRAFT, P.E. CHECKED BY: ANDREA HALL, P.E.

P.E. NO. 44330-1185-44 (NEPA)

PIN NO. 114174.00



KNOXVILLE, TN

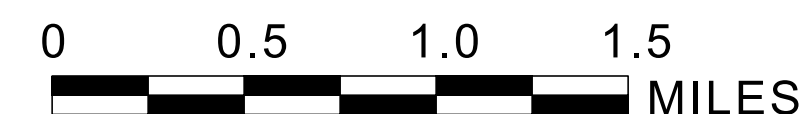


CATOOSA

GEORGIA

TO ATLANTA, GA.
TO RINGGOLD, GA.

SCALE: 1"= 1/2 MILE



| | |
|-------------------|-------------|
| ROADWAY LENGTH | 2.583 MILES |
| BRIDGE LENGTH | 0.074 MILES |
| BOX BRIDGE LENGTH | 0.000 MILES |
| PROJECT LENGTH | 2.657 MILES |

INTERSTATE 24

TRAFFIC DATA

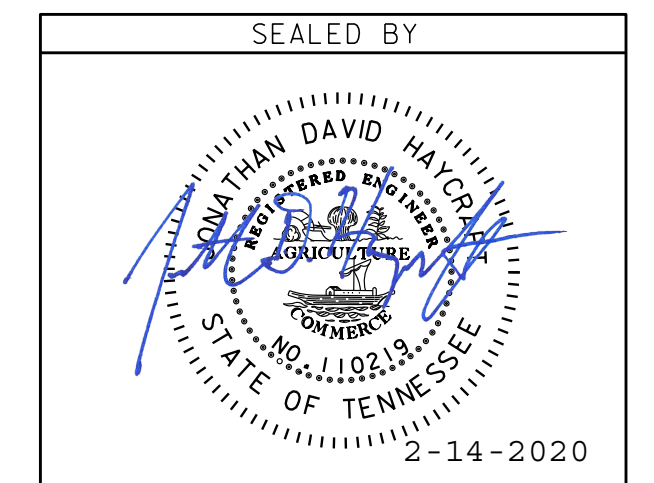
| | |
|------------|---------|
| ADT (2021) | 118410 |
| ADT (2041) | 146100 |
| DHV (2041) | 13465 |
| D | 50 - 50 |
| T (ADT) | 18 % |
| T (DHV) | 12 % |
| V | 60 MPH |

INTERSTATE 75

TRAFFIC DATA

| | | |
|-----------------|------------|---------|
| SURVEY 09-05-17 | ADT (2019) | 101260 |
| | ADT (2039) | 127360 |
| | DHV (2039) | 12067 |
| | D | 53 - 47 |
| | T (ADT) | 18 % |
| | T (DHV) | 12 % |
| | V | 50 MPH |

STATE PLANE COORDINATES ARE BASED ON GPS MEASUREMENTS OBTAINED 05-20-17 USING GEOID 12B MODEL AND DATUM ADJUSTMENT FACTOR OF 0.99998



APPROVED: *Paul D. Degges*
PAUL D. DEGGES, CHIEF ENGINEER

DATE: _____

APPROVED: *Clay Bright*
CLAY BRIGHT, COMMISSIONER

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED: _____
DIVISION ADMINISTRATOR DATE

ROADWAY INDEX

STANDARD ROADWAY DRAWINGS

| TYPE | YEAR | PROJECT NO. | SHEET NO. |
|--------|------|-----------------|-----------|
| CONST. | 2019 | IM/NH-75-1(131) | 1A |
| | | | |
| | | | |

| SHEET NAME | SHEET NO. |
|----------------------------------------------------|----------------------------------------------------------------------|
| SIGNATURE SHEETS..... | ROADWAY-SIGN1 |
| REVISION SHEET..... | REV1 |
| TITLE SHEET..... | 1 |
| ROADWAY INDEX AND STANDARD ROADWAY DRAWINGS..... | 1A |
| ESTIMATED ROADWAY QUANTITIES..... | 2A, 2A1 – 2A2 |
| TYPICAL SECTIONS..... | 2B, 2B1 – 2B13 |
| PAVEMENT SCHEDULE..... | 2B14 |
| PLANT RELOCATION..... | 2D1 |
| TEMPORARY WETLAND RESORATION NOTES..... | 2D2 |
| RELIEF SLAB DETAILS..... | 2H, 2H1 – 2H3 |
| TABULATED QUANTITIES..... | 2E, 2E1 – 2E9 |
| GORE GRADING..... | 2G, 2G1 – 2G6 |
| PRESENT LAYOUT(S)..... | 6,7 |
| PROPOSED LAYOUT(S)..... | 4A – 18A |
| PROPOSED PROFILE(S)..... | 4B – 15B, 4C–11C |
| RAMP PROFILE(S)..... | 19 – 44 |
| SIDE ROADS PROFILE(S)..... | 45 |
| BUSINESS ENTRANCE PROFILE(S)..... | 45A |
| CULVERT SECTION(S)..... | 47A, 47B, 47D– 47H, 47K–47U |
| EROSION PREVENTION AND SEDIMENT CONTROL PLANS..... | 48, 48A, 49-1 – 49P-1, 50 – 52P |
| SIGNING AND PAVEMENT MARKING PLAN(S)..... | 53 – 67 |
| SIGN SCHEDULE SHEET(S)..... | 68 – 79 |
| MISCELLANEOUS SIGNING DETAILS..... | 80 – 93, 93A, 93B |
| ROADWAY CROSS SECTIONS..... | 94 – 297 |
| RAMP CROSS SECTIONS..... | 298 - 357 |
| SIDE ROAD CROSS SECTIONS..... | 358 – 363 |
| TRAFFIC CONTROL PLANS..... | T-1A, T-2A, T-2B, T-2F–T-2K, T-4– T-4R, T-5–T-5P, T-6–T-6A |
| BRIDGE PLANS (3, 5A, 5B, 6, 7, 8, 9 & 10)..... | U-91-1 – U-91-188, U-91-238 – U-91-258 |
| GEOTECHNICAL PLANS..... | G1 – G37 |
| RETAINING WALL GEOMETRIC LAYOUT..... | R-00 |
| RETAINING WALL PLANS..... | R-01 – R-05, R-06 – R-16, R-16(1), R-17 – R-19, |
| RETAINING WALL FOUNDATION DATA..... | R-01A – R-14A, R-04A1, R-05A1 R-16A – R-16A1, R-17A – R-19A |
| RETAINING WALL SOIL PROFILES..... | R-01B – R-14B, R-16B, R-18B, R-19B – R-19B(2) |
| RETAINING WALL NOTES..... | R-01C – R-14C, R-06C1, R-08C1, R-09C1 R-16C – R-18C |

| | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|
| NOISE WALL NOTES AND DETAILS..... | R-19D |
| GEOTECHNICAL TYPICAL DETAILS..... | R-20 |
| CAST-IN-PLACE WALL NOTES AND DETAILS..... | R-05D – R-05D(4) R-12D – R-12D(2), R-18D – R-18D(3) |
| NOTES: THE ALPHABETICAL LETTERS "I", "O" & "Q" AND SHEET NOS. R-19C ARE NOT USED IN NUMBERING OF SHEETS. | |
| THE FOLLOWING SHEETS MAY BE FOUND IN THE RFC-2A PLANS AS THEY HAVE NOT BEEN REVISED: 1A1 – 1A4, 1B, 1B1, 2C, 2C1, 2C2, 2D, 2F, 3, 4, 5, 8 – 18, 46 – 46A, 47, 47C, 47J, 49 – 49P, T1, T2, T2C – T2E, T3 – T3R, AND U-1 – U-2. | |

ROADWAY DESIGN STANDARDS

| DWG. | REV. | DESCRIPTION |
|------------|----------|--------------------------------------------------------------------|
| RD-A-1 | 12-18-99 | STANDARD ABBREVIATIONS |
| RD-L-1 | 10-26-94 | STANDARD LEGEND |
| RD-L-2 | 09-05-01 | STANDARD LEGEND FOR UTILITY INSTALLATIONS |
| RD-L-3 | 03-16-17 | STANDARD LEGEND FOR SIGNALIZATION AND LIGHTING |
| RD-L-4 | 07-16-18 | STANDARD LEGEND FOR SIGNALIZATION AND LIGHTING |
| RD-L-5 | 05-01-08 | STANDARD LEGEND FOR EROSION PREVENTION AND SEDIMENT CONTROL |
| RD-L-6 | 03-30-10 | STANDARD LEGEND FOR EROSION PREVENTION AND SEDIMENT CONTROL |
| RD-L-7 | 05-24-12 | STANDARD LEGEND FOR EROSION PREVENTION AND SEDIMENT CONTROL |
| RD01-TS-4 | 07-23-13 | DESIGN STANDARDS 1 AND 2 LANE RAMPS |
| RD01-TS-5A | 10-15-02 | DESIGN STANDARDS FREEWAYS WITH INDEPENDENT ROADWAYS |
| RD01-TS-5B | 10-15-02 | DESIGN STANDARDS FREEWAYS WITH MEDIAN BARRIER |
| RD01-TS-6 | 01-07-19 | TYPICAL CURB AND GUTTER SECTIONS WITH SHOULDERS |
| RD01-TS-6A | 01-07-19 | TYPICAL CURB AND GUTTER SECTIONS WITHOUT SHOULDERS |
| RD01-SE-3 | 10-15-02 | RURAL SUPERELEVATION DETAILS |
| RD01-S-11 | 04-04-03 | DESIGN AND CONSTRUCTION DETAILS FOR ROADSIDE SLOPE DEVELOPMENT |
| RD01-S-11A | 10-15-02 | ROADSIDE DITCH DETAILS FOR DESIGN AND CONSTRUCTION |
| RD01-SA-1 | 10-15-02 | SAFETY APPROACH TO UNDERPASSES GRADING DESIGN AND SLOPE PROTECTION |
| RD-UD-3 | 09-05-96 | UNDERDRAIN DETAILS |
| RD-UD-4 | 01-25-16 | UNDERDRAIN LATERAL DETAILS |
| RD-UD-6 | 12-18-94 | LATERAL UNDERDRAIN ENDWALL DETAIL FOR 1:1 & 2:1 SLOPES |
| RD-UD-7 | 12-18-94 | LATERAL UNDERDRAIN ENDWALL DETAIL FOR 3:1 & 4:1 SLOPES |
| RD-UD-9 | 12-18-94 | LATERAL UNDERDRAIN ENDWALL DETAIL FOR 6:1 SLOPES |

PIPE CULVERTS AND ENDWALLS

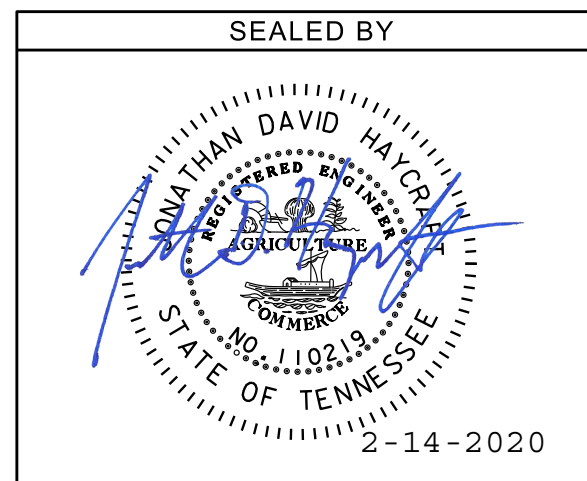
| DWG. | REV. | DESCRIPTION |
|--------|----------|-------------------------------------------------|
| D-PB-1 | 03-16-17 | STANDARD DETAILS FOR CONCRETE PIPE INSTALLATION |
| D-PB-2 | 01-29-14 | STANDARD DETAILS FOR FLEXIBLE PIPE INSTALLATION |

| | | |
|----------|----------|------------------------------------------------------------------------------------|
| D-PB-3 | | INDUCED TRENCH SOIL EMBANKMENT FOR PIPE CULVERT INSTALLATION |
| D-PG-3 | 04-15-97 | FERROUS AND ALUMINUM CORRUGATED METAL PIPE |
| D-PE-18A | 01-06-15 | 18" CONCRETE ENDWALL CROSS DRAIN (FOR 3:1, 4:1 & 6:1 SLOPES) |
| D-PE-18B | | 18" CONCRETE ENDWALL CROSS DRAIN (FOR 3:1, 4:1 & 6:1 SLOPES) |
| D-PE-24A | 07-05-17 | 24" CONCRETE ENDWALL CROSS DRAIN (FOR 3:1, 4:1 & 6:1 SLOPES) |
| D-PE-24B | | 24" CONCRETE ENDWALL CROSS DRAIN (FOR 3:1, 4:1 & 6:1 SLOPES) |
| D-PE-36A | 06-14-13 | 36" CONCRETE ENDWALL CROSS DRAIN WITH STEEL PIPE GRATE (FOR 3:1, 4:1 & 6:1 SLOPES) |
| D-PE-36B | | 36" CONCRETE ENDWALL CROSS DRAIN WITH STEEL PIPE GRATE (FOR 3:1, 4:1 & 6:1 SLOPES) |
| D-PE-1 | 02-12-76 | TYPE "A" CONCRETE ENDWALL 2:1 SLOPE. 36" TO 78" |
| D-PE-4 | 10-10-16 | STRAIGHT CONCRETE ENDWALL |

CATCH BASINS AND MANHOLES

| DWG. | REV. | DESCRIPTION |
|-----------|----------|---------------------------------------------------------------------------------------------------------------|
| D-CB-12LP | 05-15-18 | LOW PROFILE 32" X 32" SQUARE CONCRETE NO. 12LP CATCH BASIN (FOR USE WITH 6" NON-MOUNTABLE CURB) |
| D-CB-12P | 05-15-18 | STANDARD PRECAST RECTANGULAR CONCRETE NO.12 CATCH BASIN |
| D-CB-12RA | 05-15-18 | STANDARD PRECAST 48" CIRCULAR NO. 12 CATCH BASIN (FOR USE WITH 6" NONMOUNTABLE CURB) |
| D-CB-12RB | 05-15-18 | STANDARD PRECAST 60" AND 72" CIRCULAR NO. 12 CATCH BASIN (FOR USE WITH 6" NONMOUNTABLE CURB) |
| D-CB-12RC | 05-15-18 | STANDARD PRECAST 84" THRU 120" CIRCULAR NO. 12 CATCH BASIN (FOR USE WITH 6" NONMOUNTABLE CURB) |
| D-CB-12S | 05-15-18 | STANDARD RECTANGULAR CONCRETE NO. 12 CATCH BASIN |
| D-CB-12SB | 05-15-18 | STANDARD 4' X 4' SQUARE CONCRETE NO. 12 CATCH BASIN |
| D-CB-12SC | 05-15-18 | STANDARD 5' 2" X 5' 2" SQUARE CONCRETE NO. 12 CATCH BASIN |
| D-CB-12SD | 05-15-18 | STANDARD 7' X 7' SQUARE CONCRETE NO. 12 CATCH BASIN |
| D-CB-12SE | 05-15-18 | STANDARD 9' X 9' SQUARE CONCRETE NO. 12 CATCH BASIN |
| D-CB-31R | 05-15-18 | STANDARD PRECAST CIRCULAR NO. 31 CATCH BASIN (FOR USE UNDER CONCRETE MEDIAN BARRIER WALL) |
| D-CB-31SD | 05-15-18 | STANDARD 7' X 7' SQUARE CONCRETE NO. 31 CATCH BASIN (FOR USE UNDER CONCRETE MEDIAN BARRIER WALL) |
| D-CB-31SE | 05-15-18 | STANDARD 9' X 9' SQUARE CONCRETE NO. 31 CATCH BASIN (FOR USE UNDER CONCRETE MEDIAN BARRIER WALL) |
| D-CB-41LP | 05-15-18 | LOW PROFILE 32" X 32" SQUARE CONCRETE NO. 41 CATCH BASIN (FOR USE UNDER CONCRETE MEDIAN BARRIER WALL) |
| D-CB-41P | 05-15-18 | STANDARD 4' X 3' PRECAST RECTANGULAR CONCRETE NO. 41 CATCH BASIN (FOR USE UNDER CONCRETE MEDIAN BARRIER WALL) |

REV. 12-17-2019
REVISED INDEX
REV. 02-14-2020
REVISED INDEX



STATE OF TENNESSEE
DEPARTMENT OF
TRANSPORTATION
**ROADWAY INDEX
AND
STANDARD
ROADWAY
DRAWINGS**

| TYPE | YEAR | PROJECT NO. | SHEET NO. |
|--------|------|-----------------|-----------|
| CONST. | 2019 | IM/NH-75-1(131) | 2D2 |
| | | | |
| | | | |

TEMPORARY WETLAND RESTORATION NOTES

WETLAND

- SOIL MATERIALS MUST BE PREVENTED FROM ENTERING WATERS OF THE STATE/U.S. EPSC MEASURES TO PROTECT WATER QUALITY MUST BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. APPROPRIATE EPSC MEASURES MUST BE INSTALLED ALONG THE BASE OF ALL FILLS AND CUTS, ON THE DOWNHILL SIDE OF STOCKPILED SOIL, AND ALONG STREAM BANKS IN CLEARED AREAS TO PREVENT SEDIMENT MIGRATION INTO STREAMS IN ACCORDANCE WITH TDOT STANDARDS. THEY MUST BE INSTALLED ON THE CONTOUR, ENTRENCHED AND STAKED, AND EXTEND THE WIDTH OF THE AREA TO BE CLEARED.
- THE OPERATION OF EQUIPMENT IN WATERS OF THE STATE/U.S., INCLUDING WETLANDS, SHALL BE ONLY AS SHOWN ON THE PROJECT PLANS AND/OR AS SO SPECIFIED IN THE ARAP/401, SECTION 404 PERMIT(S) AND/OR TVA26(A), IF APPLICABLE. ANY ADDITIONAL PERMITS REQUIRED BY THE CONTRACTOR'S METHOD OF OPERATION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN.
- THE WIDTH OF THE FILL ASSOCIATED WITH TEMPORARY CROSSINGS SHALL BE LIMITED TO THE MINIMUM NECESSARY FOR THE ACTUAL CROSSING.
- HEAVY EQUIPMENT WORKING IN WETLANDS MUST BE PLACED ON MATS, OR OTHER MEASURES MUST BE TAKEN TO MINIMIZE SOIL DISTURBANCE UNLESS SPECIFICALLY ADDRESSED IN THE EPSC PLANS. ANY MATS AND OTHER MEASURES USED FOR HEAVY EQUIPMENT MUST BE REMOVED IN THEIR ENTIRETY AFTER THE WORK IS COMPLETED.
- WETLANDS SHALL NOT BE USED AS EQUIPMENT STORAGE, STAGING, OR TRANSPORTATION AREAS UNLESS PROVIDED FOR IN THE PLANS.
- THE CONTRACTOR SHALL USE ANY MEASURE NECESSARY TO ENSURE THAT CONSTRUCTION EQUIPMENT WILL NOT ENTER WETLAND AREAS NOT PROPOSED FOR IMPACTS, AND THAT THE WETLAND VEGETATION WILL NOT BE DISTURBED AND WILL BE PROTECTED FROM SEDIMENT, CONSTRUCTION DEBRIS, AND OTHER POLLUTANTS.
- THE CONTRACTOR SHALL PLACE HIGH VISIBILITY FENCE ALONG ALL NON-IMPACT WETLAND AREAS.

WETLAND RESTORATION

- TOPSOIL IS TO BE REMOVED FROM ALL AREAS OF TEMPORARY WETLAND IMPACTS AND STOCKPILED PRIOR TO CONSTRUCTION.
- UPON COMPLETION OF CONSTRUCTION ACTIVITIES, ALL TEMPORARY HAUL ROADS ARE TO BE REMOVED. EXCAVATED MATERIAL FROM THE HAUL ROAD IS TO BE DISPOSED OF AS DIRECTED BY THE ENGINEER.
- UPON COMPLETION OF CONSTRUCTION ACTIVITIES, ALL TEMPORARY WETLAND IMPACT AREAS TO BE RESTORED TO PRE-CONSTRUCTION CONTOURS AND THE STOCKPILED WETLAND TOPSOIL SPREAD TO RESTORE THESE AREAS TO PRE-CONSTRUCTION ELEVATIONS.
- TEMPORARY SEEDING, IF REQUIRED, WITH RIPARIAN SEED MIX TDOT ITEM 801-01.35. PERMANENT SEEDING WITH SPECIAL WETLAND SEED MIXTURE TDOT ITEM 801-01.36.
- "PROTECTED AREA" SIGNS SHALL BE PLACED AT A SPACING OF 100' AT THE EDGE OF TEMP. WETLAND IMPACT AREAS. SEE DETAIL THIS PAGE.

| QUANTITIES OF WETLAND SEEDING | | | |
|-------------------------------|-------------------------------------|-------------------------------|------------------------|
| ITEM NO. | DESCRIPTION | TEMP. WETLAND IMPACTS (ACRES) | TOTAL QUANTITY (UNITS) |
| 801-01.35 | GRASS SEED MIX (RIPZN/FLPL) W/MULCH | 2.23 | 97 |
| 801-01.36 | SPECIAL WETLAND SEED MIXTURE | 2.23 | 97 |

1 UNIT = 1,000 S.F.

TREES

- TREE REMOVAL WILL BE AVOIDED AND MINIMIZED IN ALL AREAS WHERE POSSIBLE. ONLY TREES DAMAGED, REMOVED, OR IMPACTED BY CONSTRUCTION ACTIVITIES WILL BE REPLACED. A TREE SURVEY (INCLUDING SPECIES) OF THE SPECIFIC AREA PROPOSED FOR DISTURBANCE WILL BE PERFORMED AND DOCUMENTED BEFORE THE DISTURBANCE TAKES PLACE. ALL IMPACTED TREES EQUAL TO OR GREATER THAN 2 INCHES IN DIAMETER AT A POINT ±6 INCHES ABOVE EXISTING GROUND WILL BE REPLACED AT A RATIO OF TWO TREES FOR EACH TREE REMOVED. NATIVE SPECIES WILL BE REPLACED WITH LIKE SPECIES; NON-NATIVE SPECIES WILL BE REPLACED WITH NATIVE WETLAND SPECIES. UPON COMPLETION OF TREE REPLANTING, THE TYPE, NUMBER AND APPROXIMATE LOCATION WILL BE DOCUMENTED. REPLACEMENT TREES SHALL BE WELL-BRANCHED, BETWEEN 2 AND 5 FEET IN HEIGHT AND 1.5" TO 2" IN CALIPER, CONTAINERIZED, AND FIRST QUALITY. NO CLONES OR CULTIVARS WILL BE ACCEPTED. NO SUBSTITUTIONS OF TREE SPECIES OR SIZES SHALL BE ALLOWED WITHOUT THE WRITTEN APPROVAL OF TDOT ENVIRONMENTAL DIVISION. ANY PLANTED TREES FOUND TO BE THE INCORRECT SPECIES, OR IMPROPERLY PLANTED, AT ANY TIME PRIOR TO TERMINATION OF THE CONTRACT SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE. STAKES AND WIRES SHALL BE REMOVED IMMEDIATELY PRIOR TO CONTRACT TERMINATION, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHOULD ARRANGE SEVERAL MONTHS AHEAD OF TIME TO OBTAIN THE CORRECT TREE SPECIES, AS SOME MAY REQUIRE TIME TO LOCATE.
- ALL TREES PLANTED SHOULD BE WRAPPED AS PER SECTION 802.07 OF TDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- FOR A PERIOD OF ONE YEAR FROM PLANTING, ANY NEW TREE THAT DIES SHALL BE REPLACED. TREES SHALL BE WATERED AS REQUIRED THROUGH THIS PERIOD OF ESTABLISHMENT TO ENSURE SURVIVAL.

GRASS SEED MIX (RIPZN/FLPL) W/MULCH 801-01.35

| Common Name | Species | Seed (lbs/acre) | Seed (lbs/unit) | Seed Mixture % |
|------------------|-------------------------|-----------------|-----------------|----------------|
| Switchgrass | Panicum virgatum | 15 | 0.35 | 38 |
| Indian grass | Sorghastrum nutans | 10 | 0.23 | 25 |
| Big bluestem | Andropogon gerardii | 5 | 0.12 | 12 |
| Deer tongue | Panicum clandestinum | 2 | 0.05 | 5 |
| Bottlebrush | Elymus hystrix | 2 | 0.05 | 5 |
| Virginia wildrye | Elymus virginicus | 2 | 0.05 | 5 |
| River Wood Oats | Chasmanthium latifolium | 2 | 0.05 | 5 |
| Fowl Manna Grass | Glyceria striata | 2 | 0.05 | 5 |
| Total | | 40 | 0.92 | 100 |

Special Wetland Seed Mixture (801-01.36)

| Common Name | Species | Seed (lbs/acre) | Seed (lbs/unit) | Seed Mixture % |
|------------------------|------------------------|-----------------|-----------------|----------------|
| Fox Sedge | Carex vulpinoidea | 2.0 | 0.05 | 7 |
| Frank's Sedge | Carex frankii | 2.0 | 0.05 | 7 |
| Soft Rush | Juncus effusus | 2.0 | 0.05 | 7 |
| Black-Eyed Susan | Rudbeckia hirta | 4.0 | 0.09 | 13 |
| New England Aster | Aster novae-angliae | 4.0 | 0.09 | 13 |
| Crooked-stem Aster | Aster prenanthoides | 2.0 | 0.05 | 7 |
| Grass-leaved Goldenrod | Solidago graminifolia | 2.0 | 0.05 | 7 |
| Tall Goldenrod | Solidago altissima | 2.0 | 0.05 | 7 |
| Swamp Milkweed | Asclepias incarnata | 1.0 | 0.02 | 3 |
| Cardinal Flower | Lobelia cardinalis | 1.0 | 0.02 | 3 |
| Great Blue Lobelia | Lobelia siphilitica | 1.0 | 0.02 | 3 |
| Monkey Flower | Mimulus ringens | 1.0 | 0.02 | 3 |
| Rattlebox | Ludwigia alternifolia | 1.0 | 0.02 | 3 |
| Joe Pye Weed | Eupatorium fistulosum | 2.0 | 0.05 | 7 |
| Bonset | Eupatorium perfoliatum | 1.0 | 0.02 | 3 |
| Beggar Ticks | Bidens frondosa | 2.0 | 0.05 | 7 |
| Total | | 30 | 0.69 | 100 |

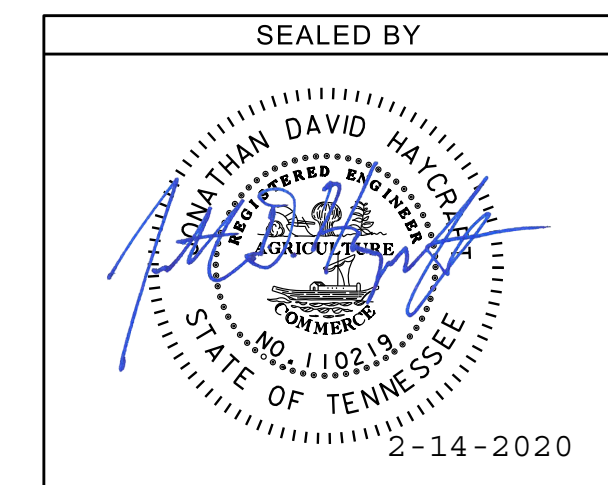
**Protected Area
Do Not Disturb**
Contact TDOT
615-741-3655

24"X 36" PROTECTED AREA SIGN

NOTES:

- THE PROTECTED AREA SIGN SHALL BE WHITE WITH BLACK LETTERING.
- LINES 1 & 2 SHALL BE 3 INCHES IN HEIGHT. LINES 3 & 4 SHALL BE 2 INCHES IN HEIGHT.
- PROTECTED SIGN SHALL BE PAID FOR UNDER ITEM NO. 713-16.20, PROTECTED AREA SIGN, PER EACH, INCLUDES ALL MATERIALS, EQUIPMENT, AND LABOR NECESSARY TO CONSTRUCT.
- "PROTECTED AREA" SIGNS SHALL BE PLACED AT A SPACING OF 100' AT THE EDGE OF TEMP. WETLAND IMPACT AREAS.

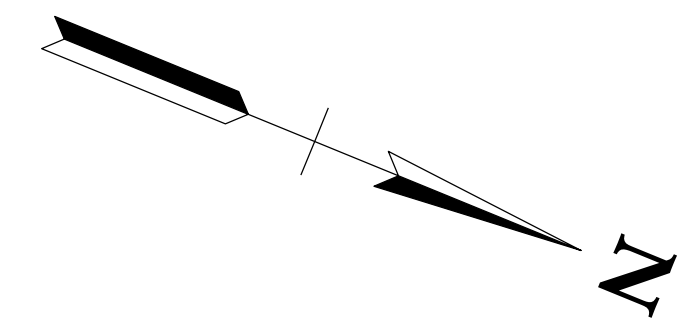
PROTECTED AREA SIGN DETAIL NOT TO SCALE



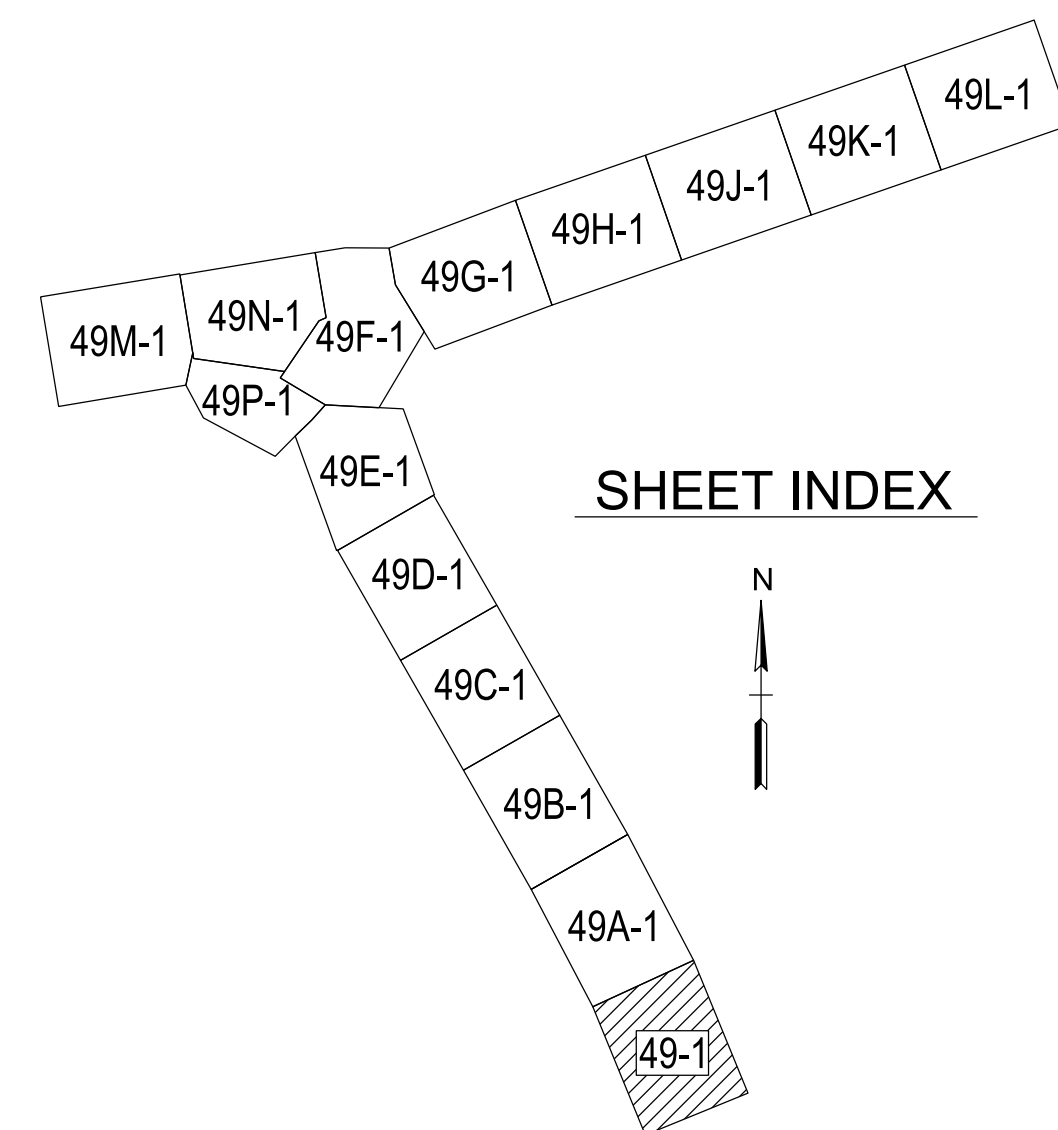
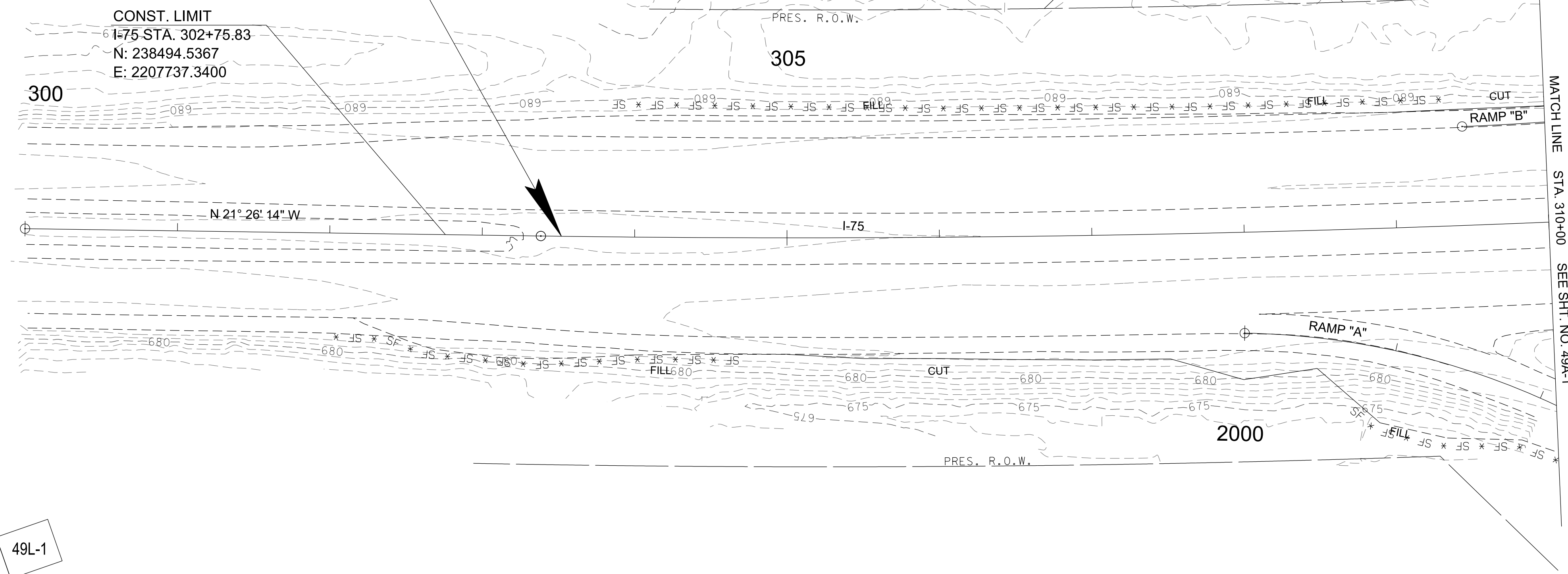
STATE OF TENNESSEE
DEPARTMENT OF
TRANSPORTATION

TEMPORARY
WETLAND
RESTORATION
NOTES

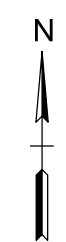
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|---------|------|-----------------|-----------|
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| CONST. | 2019 | IM/NH-75-1(131) | 49-1 |
| | | | |



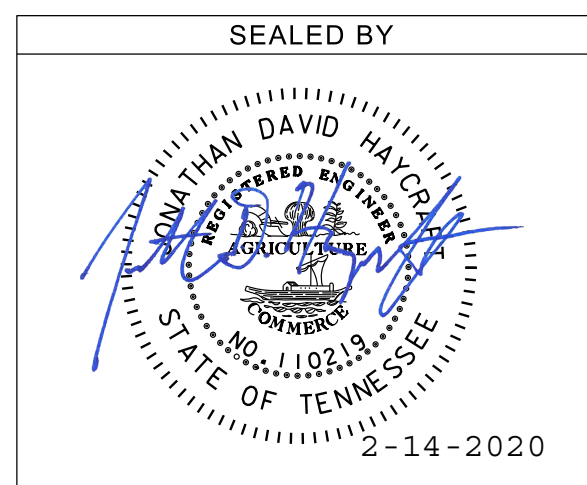
BEGIN PROJ. NO. 33005-1185-44 CONST.
 I-75 STA. 303+51.97
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SHEET INDEX



STAGE IA

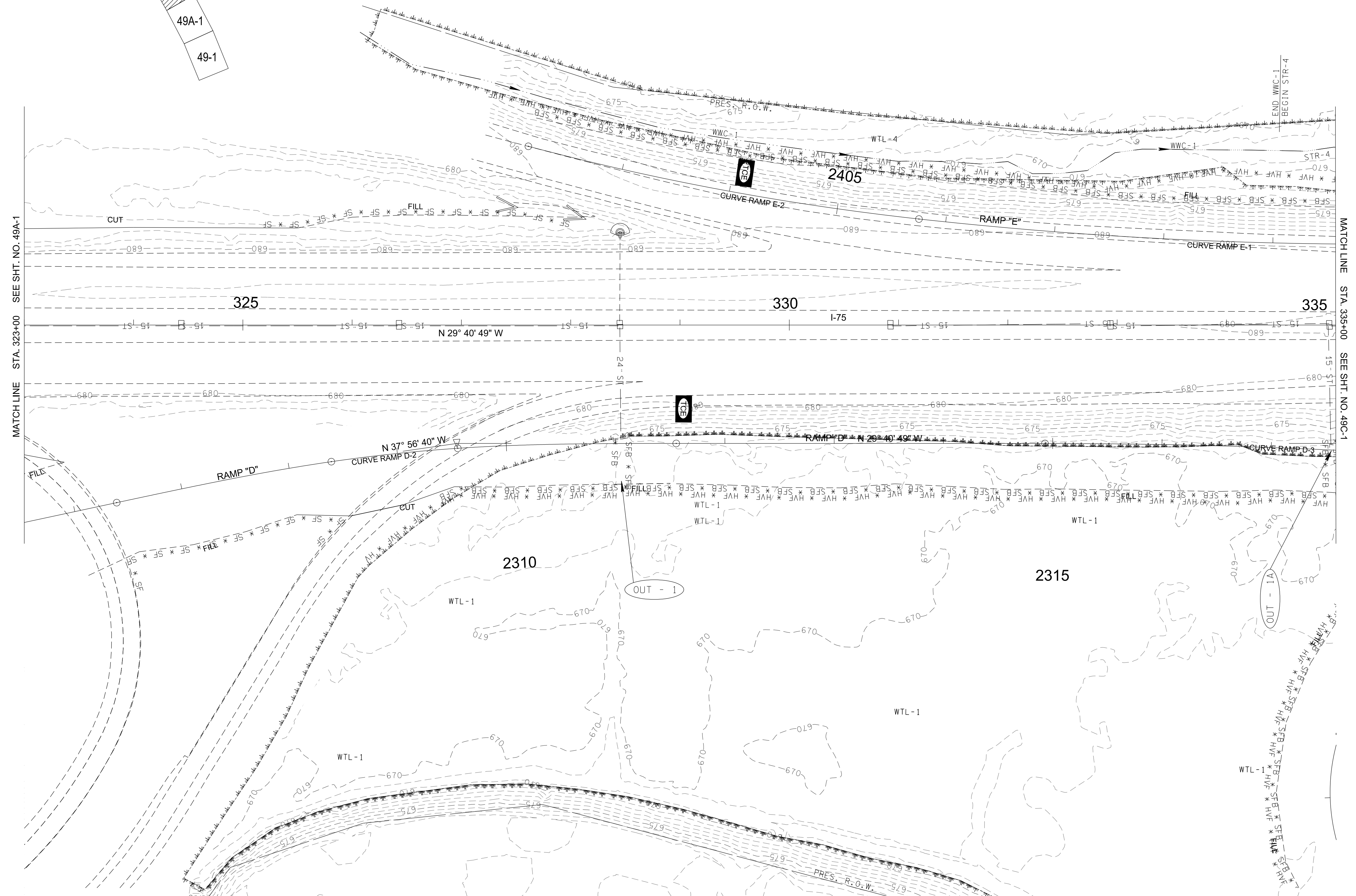
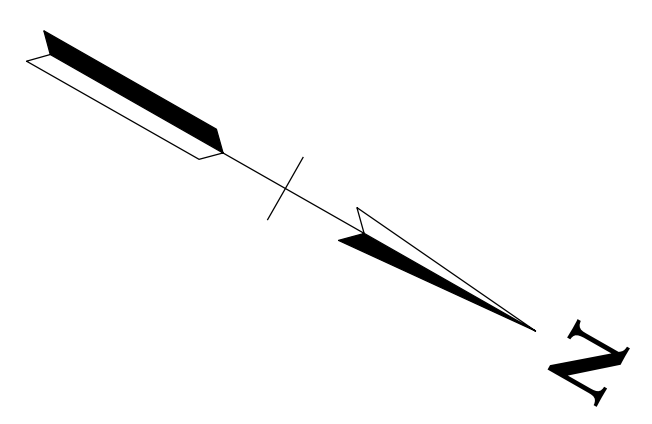
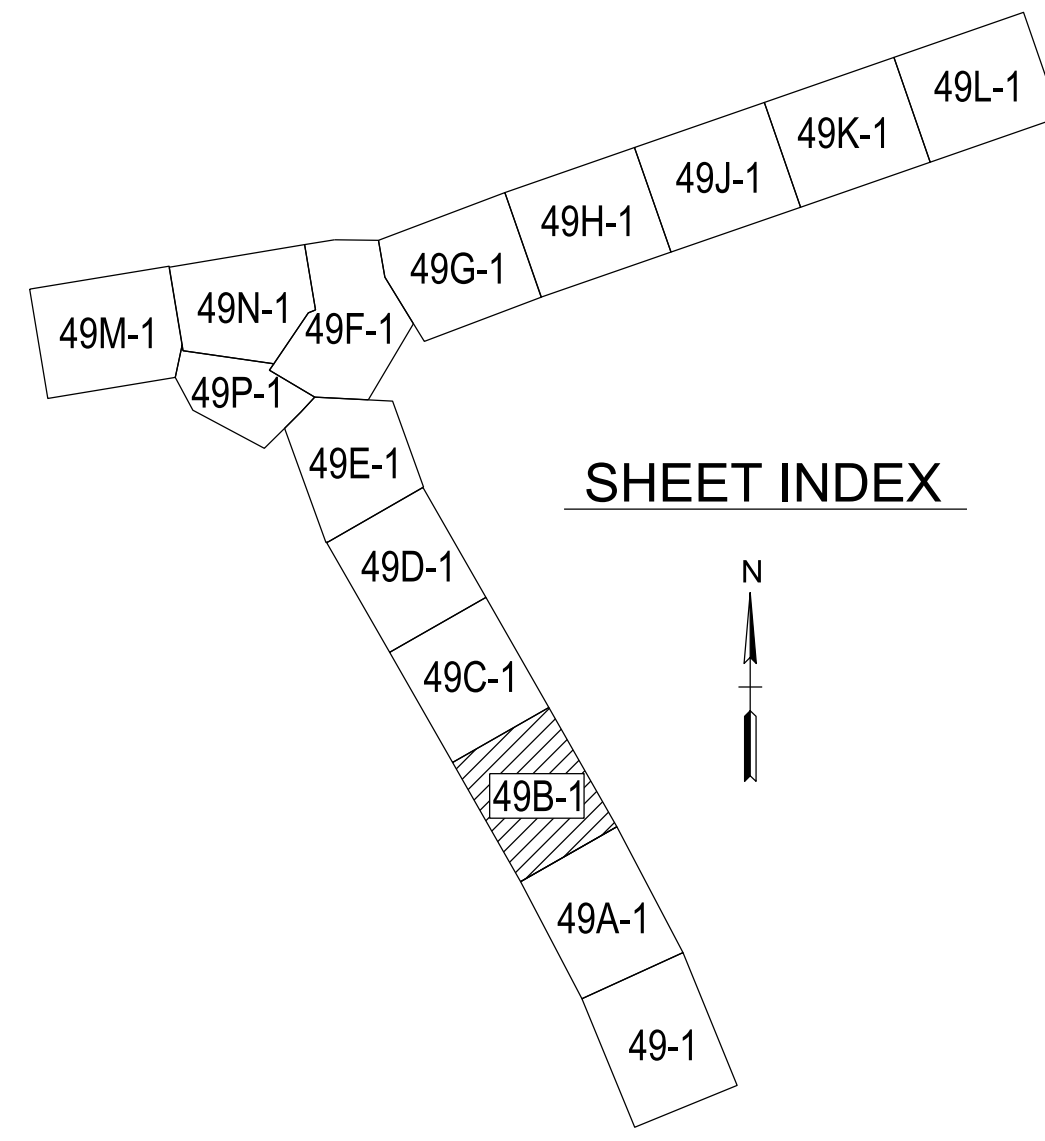


COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99998 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

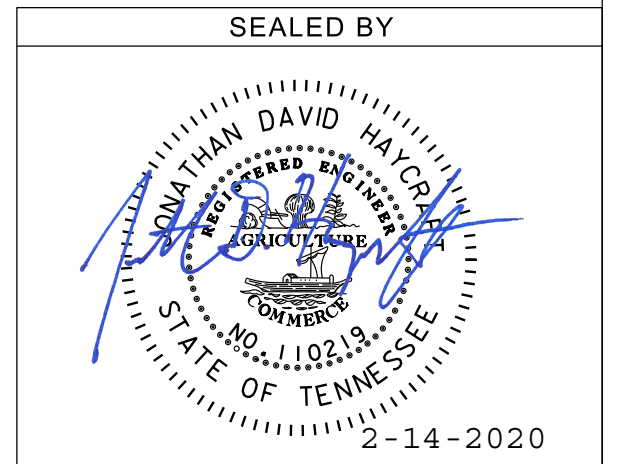
STATE OF TENNESSEE
 DEPARTMENT OF
 TRANSPORTATION

EROSION
 PREVENTION &
 SEDIMENT CONTROL
 (EPSC) PLANS
 SCALE: 1" = 50'

| TYPE | YEAR | PROJECT NO. | SHEET NO. |
|---------|------|-----------------|-----------|
| PRELIM. | 2019 | IM/NH-75-1(131) | 49B |
| CONST. | 2019 | IM/NH-75-1(131) | 49B-1 |
| | | | |



2/14/2020
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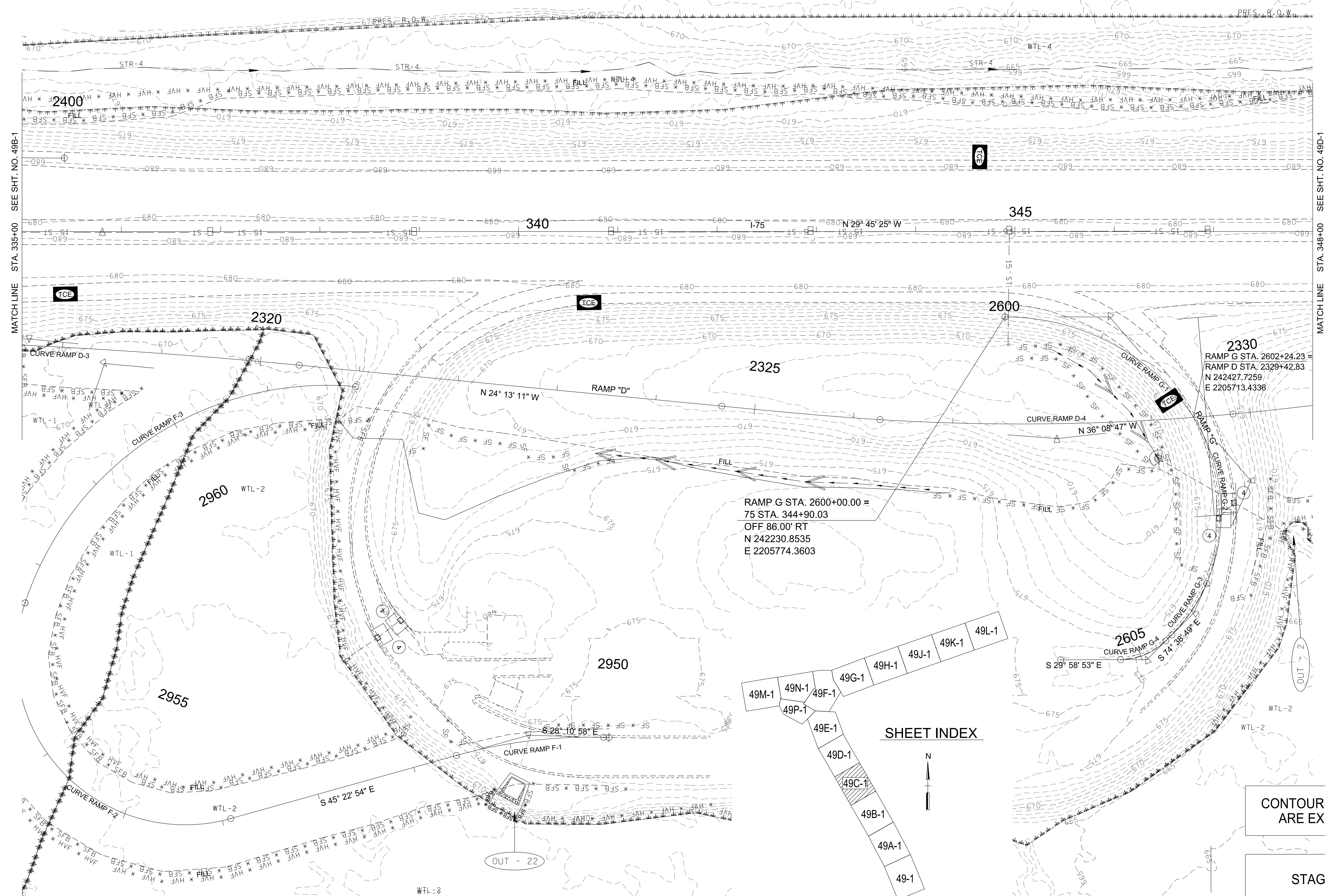
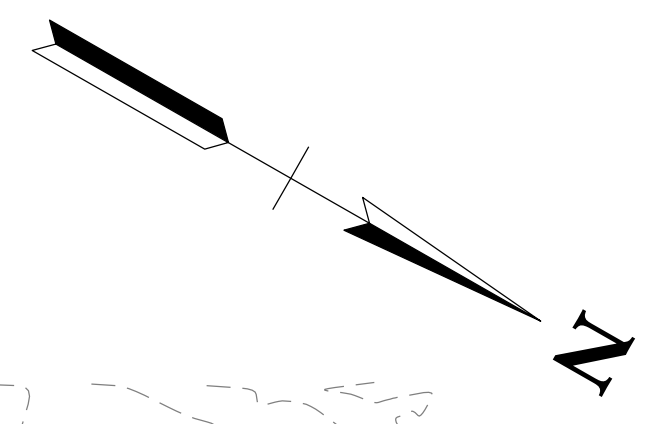
**CONTOURS SHOWN
 ARE EXISTING**

STAGE IA

**STATE OF TENNESSEE
 DEPARTMENT OF
 TRANSPORTATION**

**EROSION
 PREVENTION &
 SEDIMENT CONTROL
 (EPSC) PLANS**
 SCALE: 1" = 50'

| TYPE | YEAR | PROJECT NO. | SHEET NO. |
|---------|------|-----------------|-----------|
| PRELIM. | 2019 | IM/NH-75-1(131) | 49C |
| CONST. | 2019 | IM/NH-75-1(131) | 49C-1 |

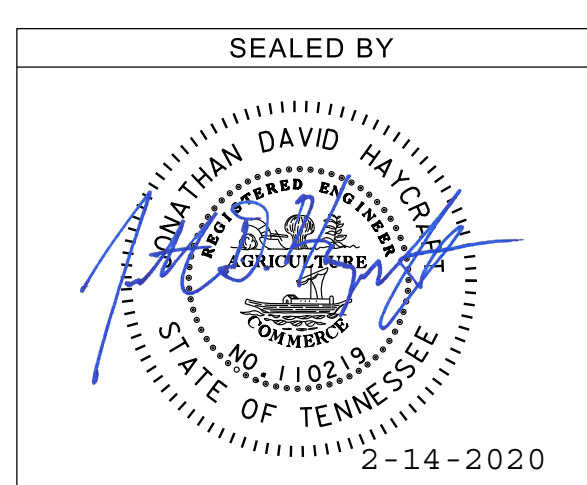


MATCHLINE STA. 335+00 SEE SHT. NO. 49B-1

MATCHLINE STA. 348+00 SEE SHT. NO. 49D-1

SHEET INDEX

| | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|
| 49M-1 | 49N-1 | 49F-1 | 49G-1 | 49H-1 | 49J-1 | 49K-1 | 49L-1 |
| 49P-1 | 49E-1 | 49D-1 | 49C-1 | 49B-1 | 49A-1 | 49-1 | |



COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99998 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

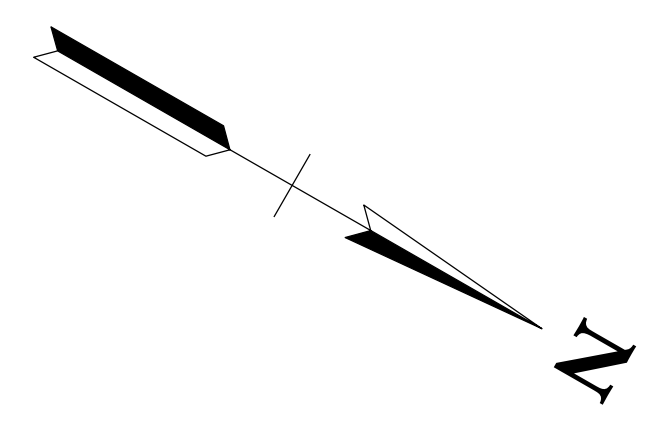
**STATE OF TENNESSEE
DEPARTMENT OF
TRANSPORTATION**

**EROSION
PREVENTION &
SEDIMENT CONTROL
(EPSC) PLANS**
SCALE: 1" = 50'

CONTOURS SHOWN
ARE EXISTING

STAGE IA

| TYPE | YEAR | PROJECT NO. | SHEET NO. |
|---------|------|-----------------|-----------|
| PRELIM. | 2019 | IM/NH-75-1(131) | 49D |
| CONST. | 2019 | IM/NH-75-1(131) | 49D-1 |
| | | | |



75 STA. 356+53.69 =
 24E-75S STA. 645+30.78
 OFF 86.00' LT
 N 243158.3041
 E 2204967.4760

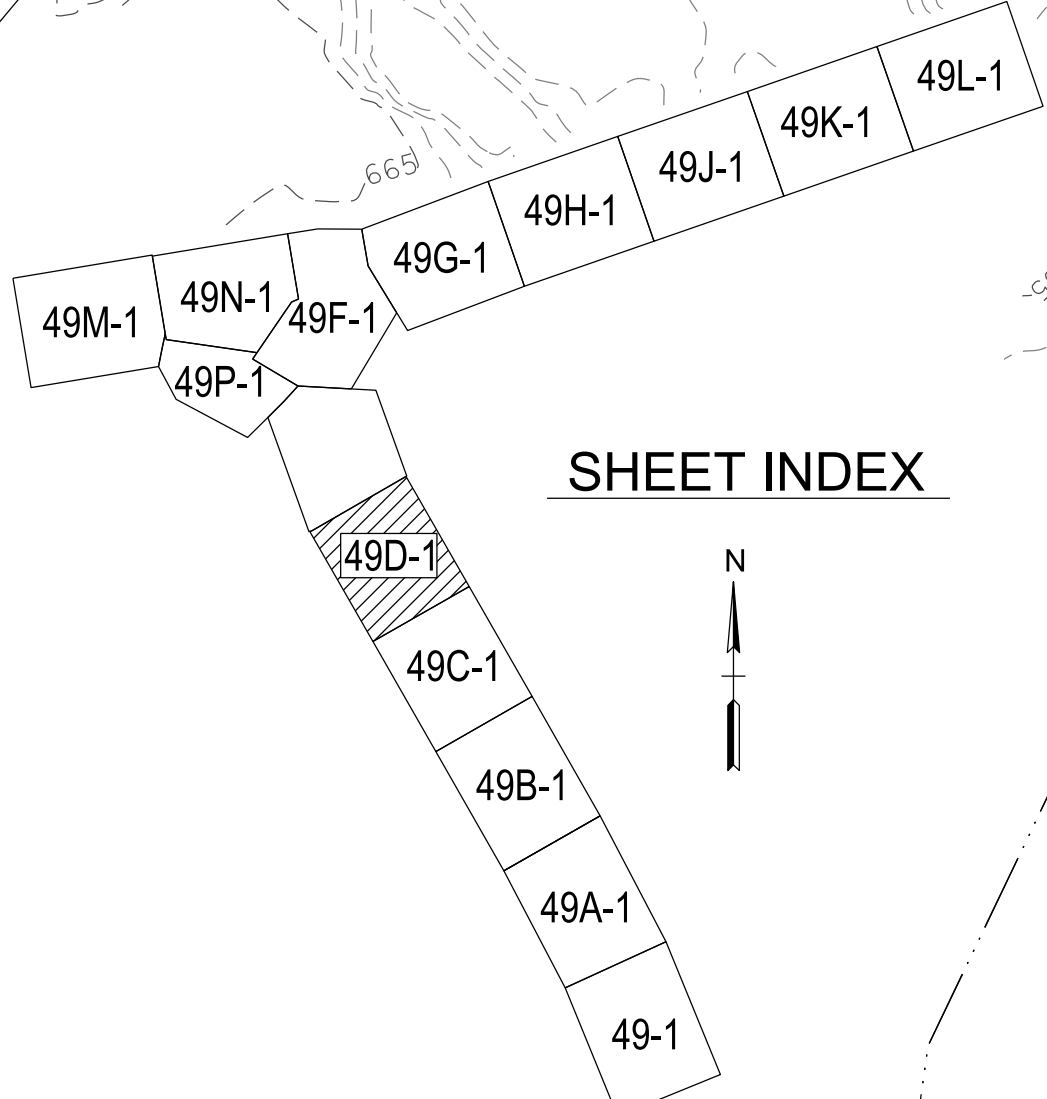
645
 CURVE 24E-75S-3
 S 29° 53' 20" E

I-75 NB TO I-24 WB
 N 29° 27' 01" W

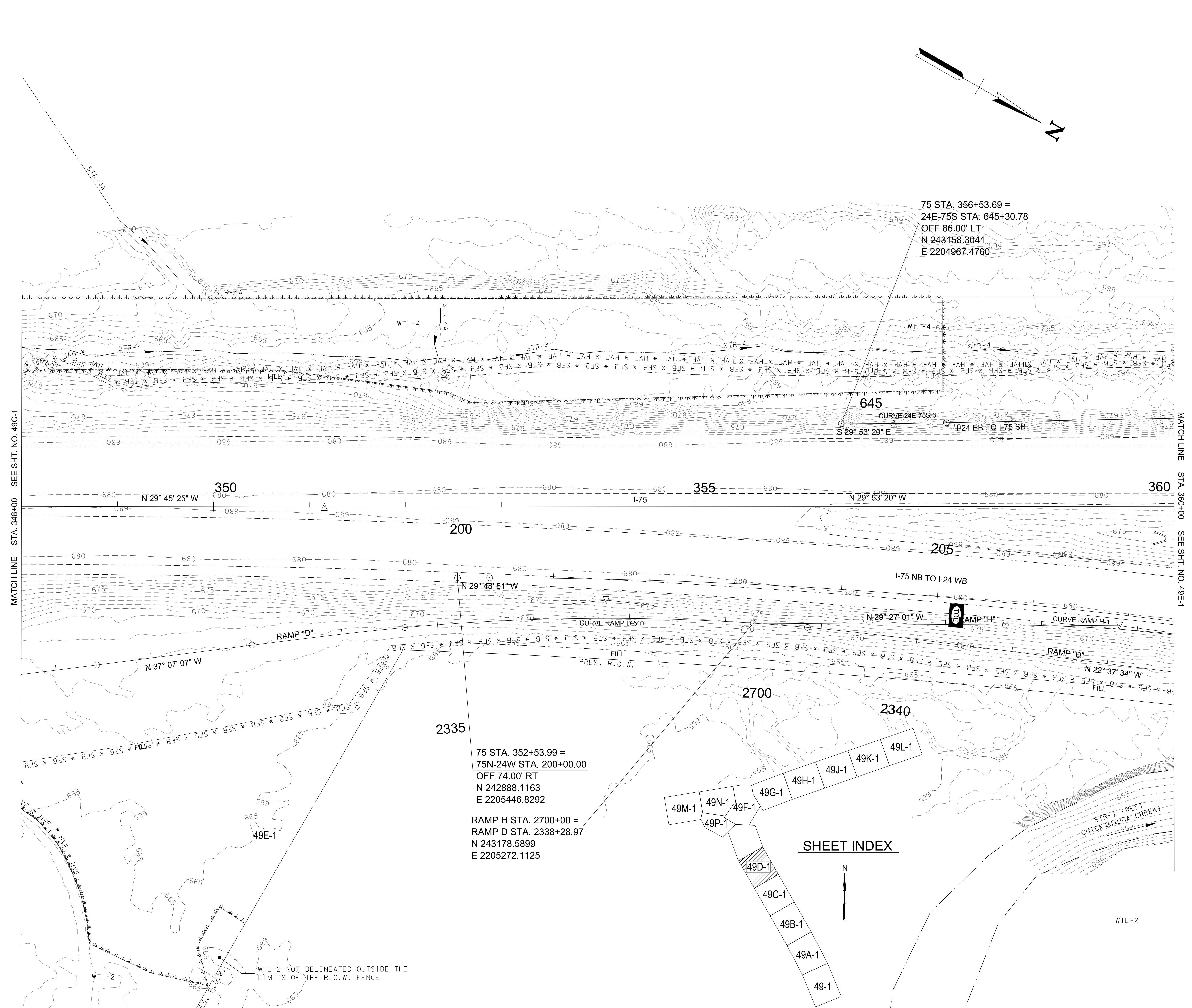
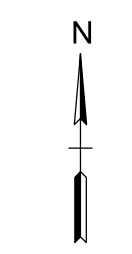
RAMP "D"
 N 22° 37' 34" W

75 STA. 352+53.99 =
 75N-24W STA. 200+00.00
 OFF 74.00' RT
 N 242888.1163
 E 2205446.8292

RAMP H STA. 2700+00 =
 RAMP D STA. 2338+28.97
 N 243178.5899
 E 2205272.1125

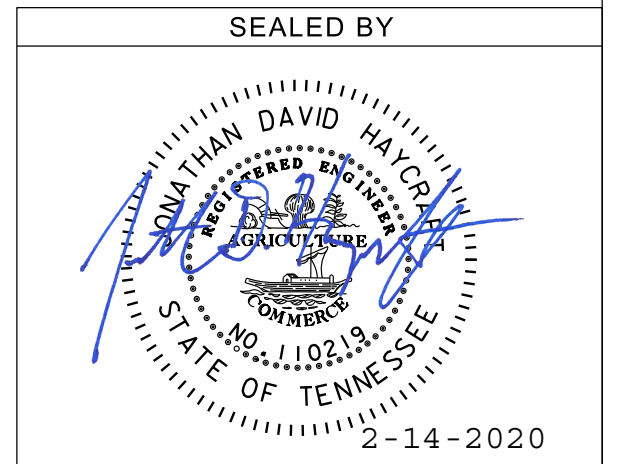


SHEET INDEX



MATCH LINE STA. 348+00 SEE SHT. NO. 49C-1

MATCH LINE STA. 360+00 SEE SHT. NO. 49E-1



COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99998 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

CONTOURS SHOWN ARE EXISTING

STAGE IA

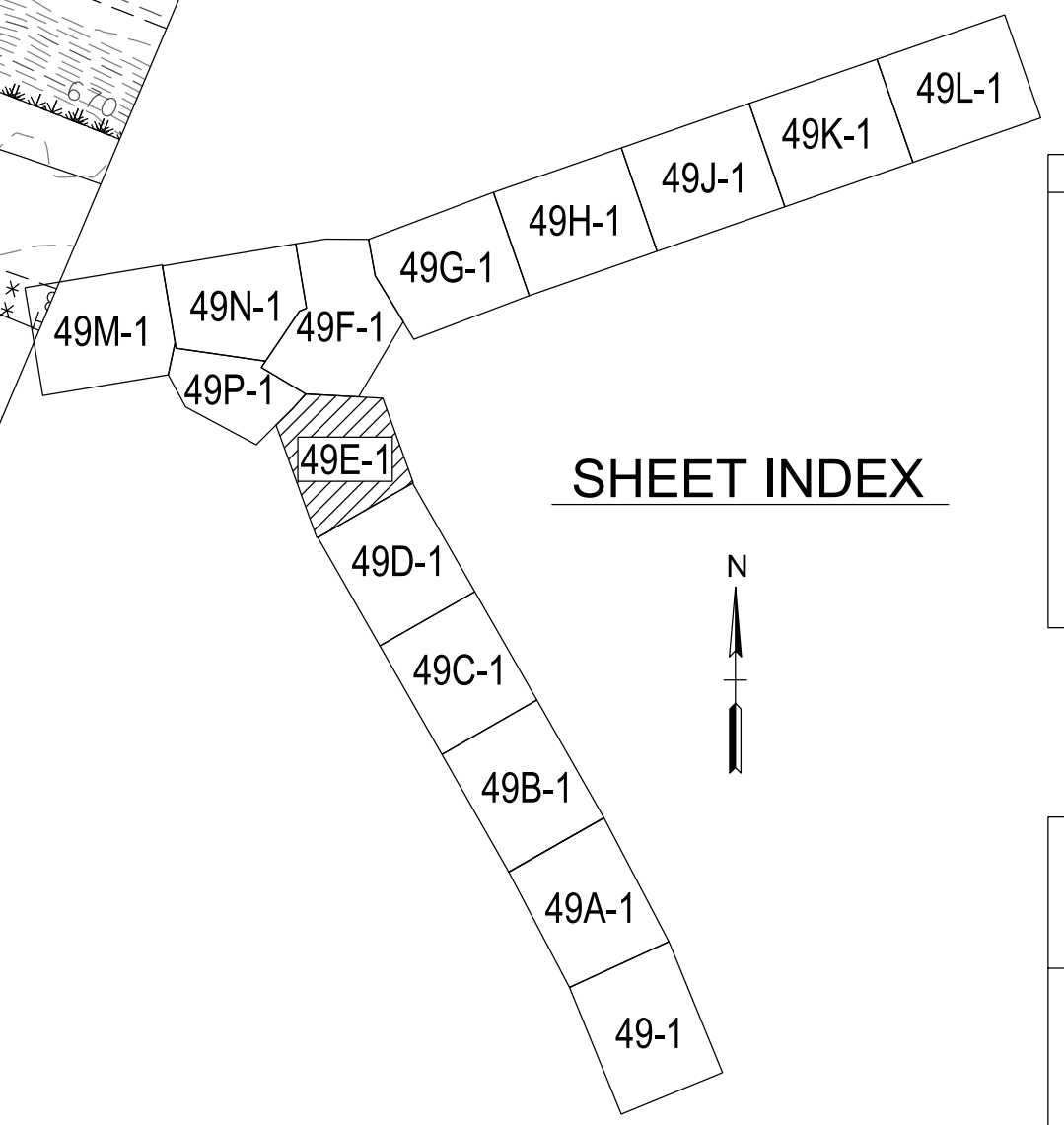
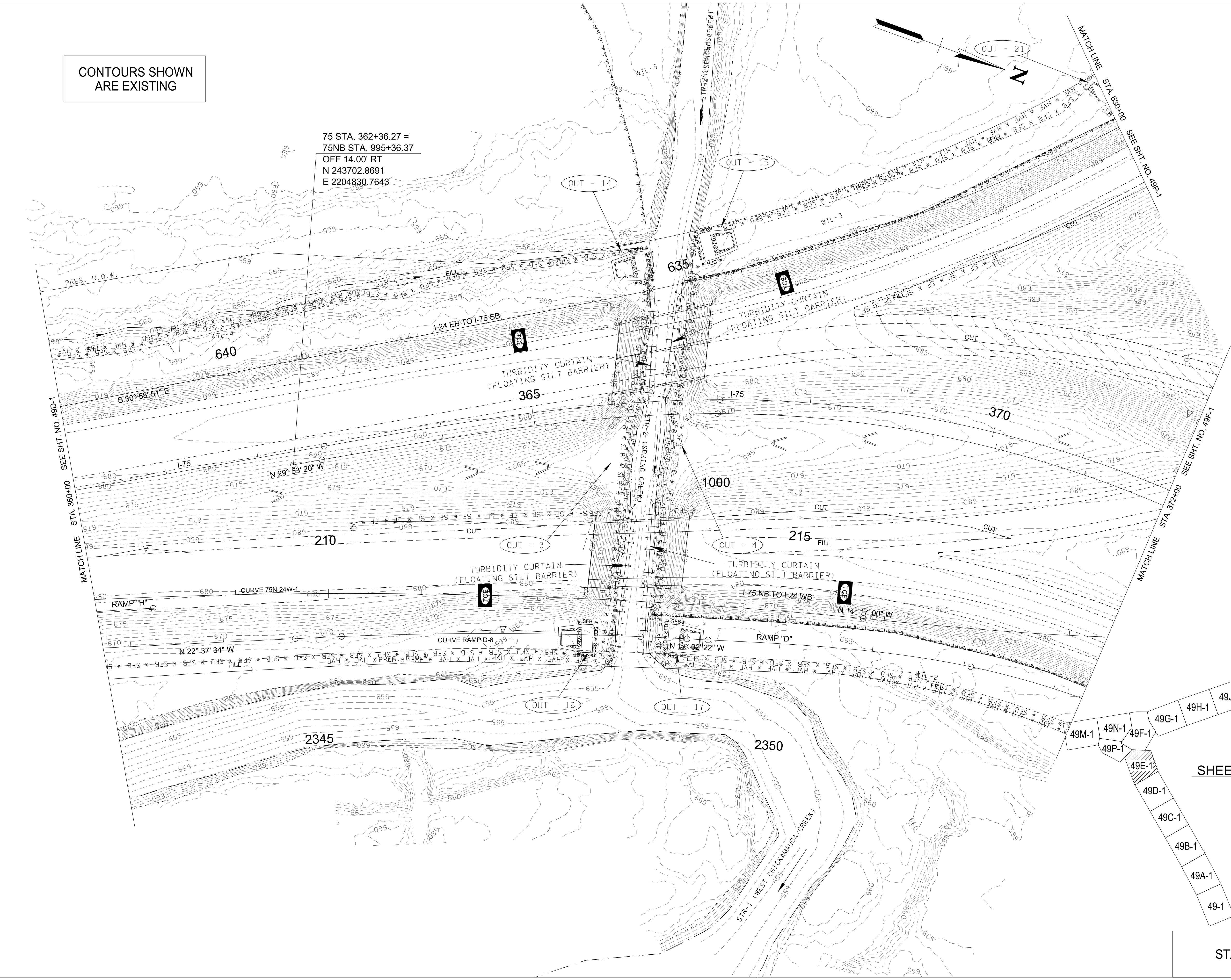
STATE OF TENNESSEE
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 (EPSC) PLANS
 SCALE: 1" = 50'

2/14/2020
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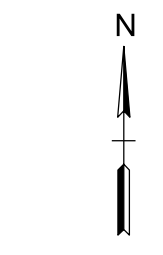
| TYPE | YEAR | PROJECT NO. | SHEET NO. |
|---------|------|-----------------|-----------|
| PRELIM. | 2019 | IM/NH-75-1(131) | 49E |
| CONST. | 2019 | IM/NH-75-1(131) | 49E-1 |

CONTOURS SHOWN
ARE EXISTING

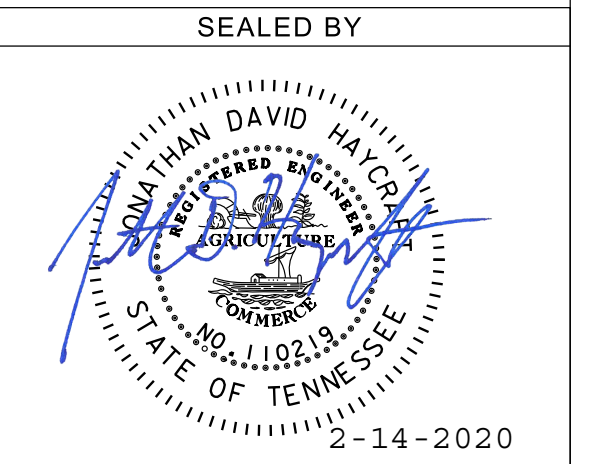
75 STA. 362+36.27 =
75NB STA. 995+36.37
OFF 14.00' RT
N 243702.8691
E 2204830.7643



SHEET INDEX



STAGE IA

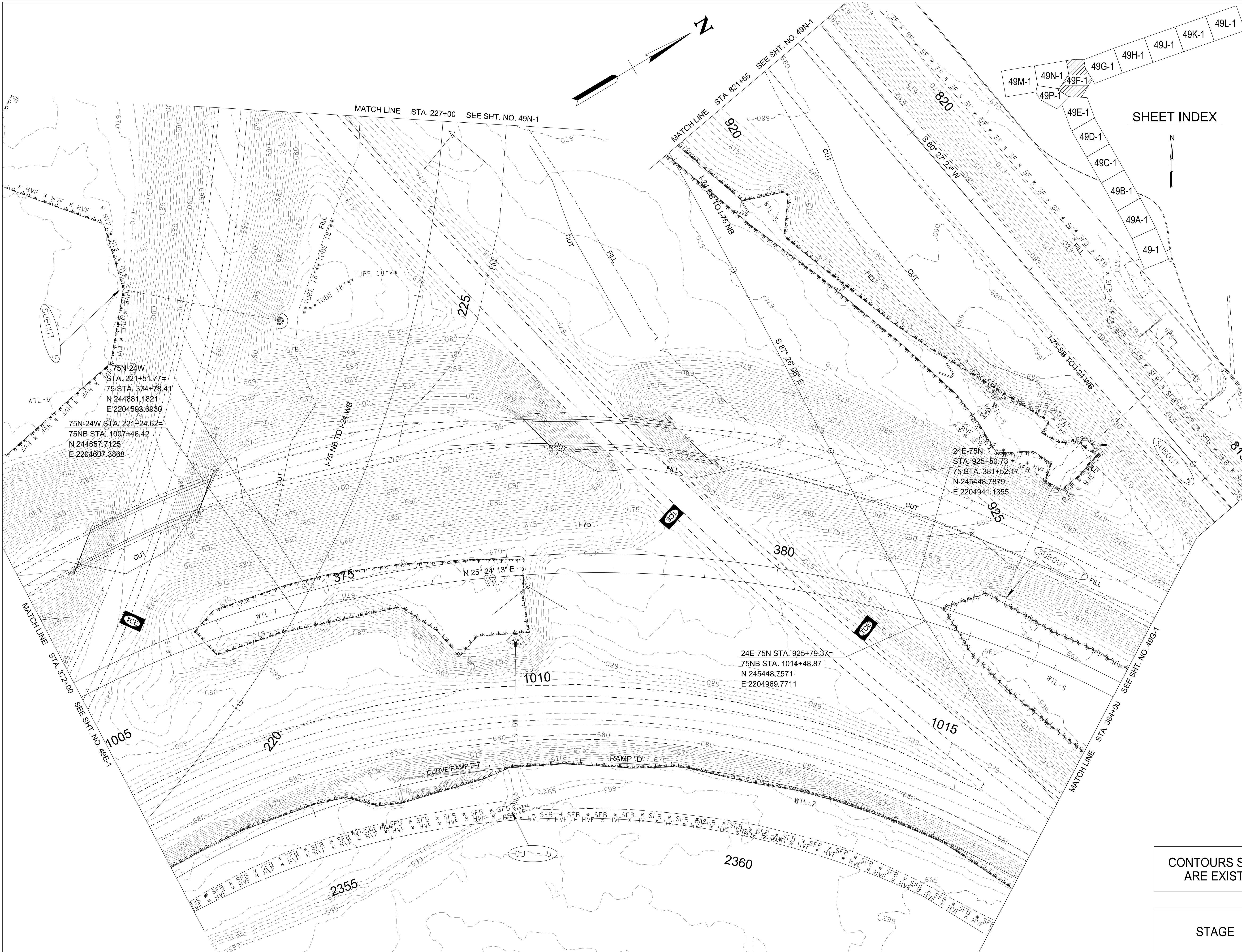


COORDINATES ARE NAD/83(1995),
ARE DATUM ADJUSTED BY THE
FACTOR OF 0.99998 AND TIED TO
THE TGRN. ALL ELEVATIONS ARE
REFERENCED TO THE NAVD 1988.

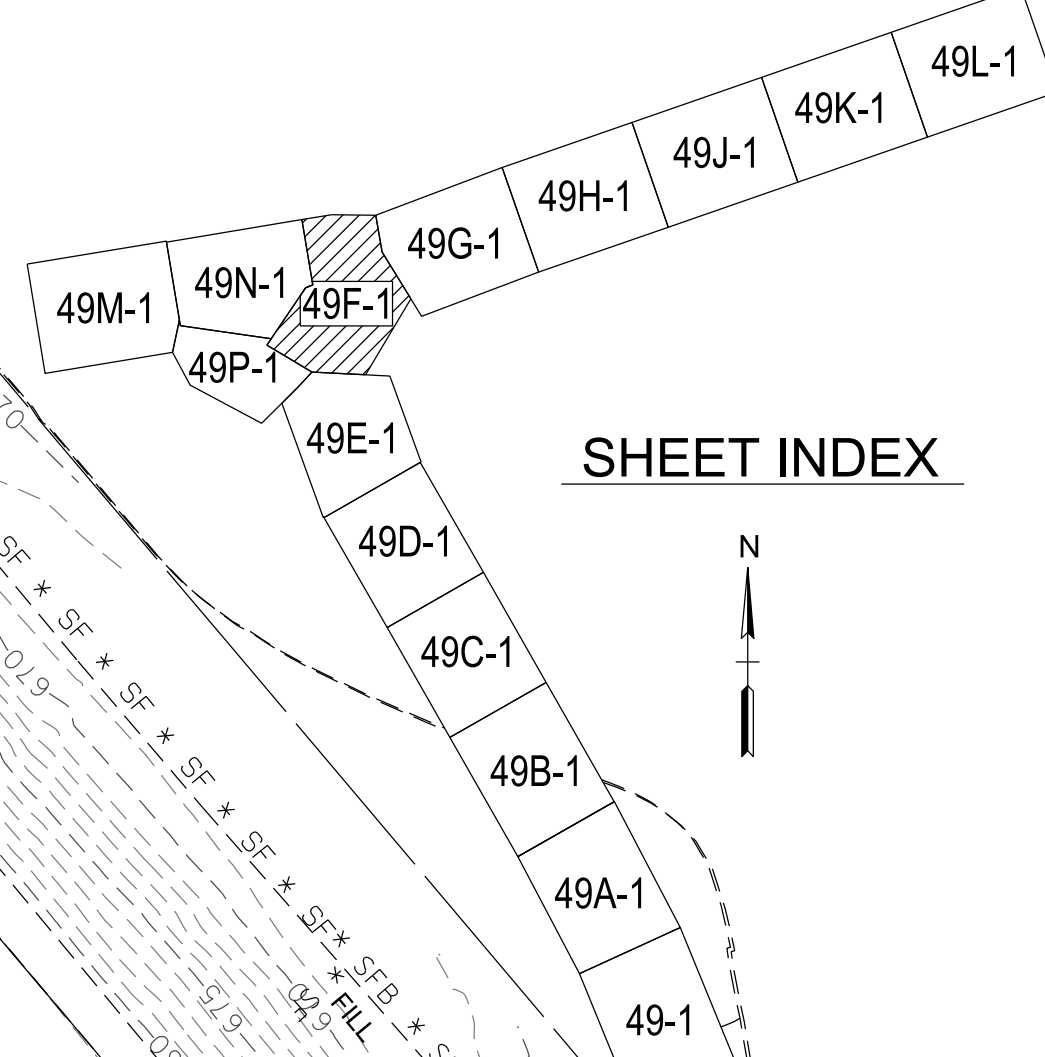
STATE OF TENNESSEE
DEPARTMENT OF
TRANSPORTATION

EROSION
PREVENTION &
SEDIMENT CONTROL
(EPSC) PLANS
SCALE: 1" = 50'

| TYPE | YEAR | PROJECT NO. | SHEET NO. |
|---------|------|-----------------|-----------|
| PRELIM. | 2019 | IM/NH-75-1(131) | 49F |
| CONST. | 2019 | IM/NH-75-1(131) | 49F-1 |



SHEET INDEX

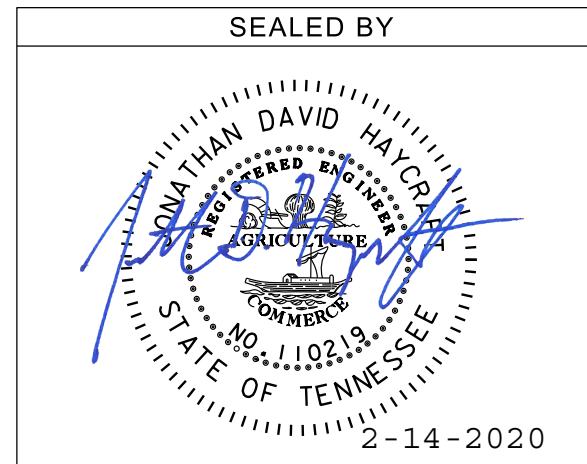


75N-24W
STA. 221+51.77=
75 STA. 374+78.41
N 244881.1821
E 2204593.6930

75N-24W STA. 221+24.62=
75NB STA. 1007+46.42
N 244857.7125
E 2204607.3868

24E-75N
STA. 925+50.73=
75 STA. 381+52.47
N 245448.7879
E 2204941.1355

24E-75N STA. 925+79.37=
75NB STA. 1014+48.87
N 245448.7571
E 2204969.7711



COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99998 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

CONTOURS SHOWN ARE EXISTING

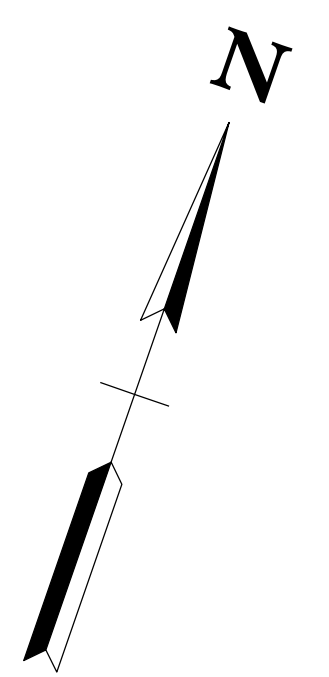
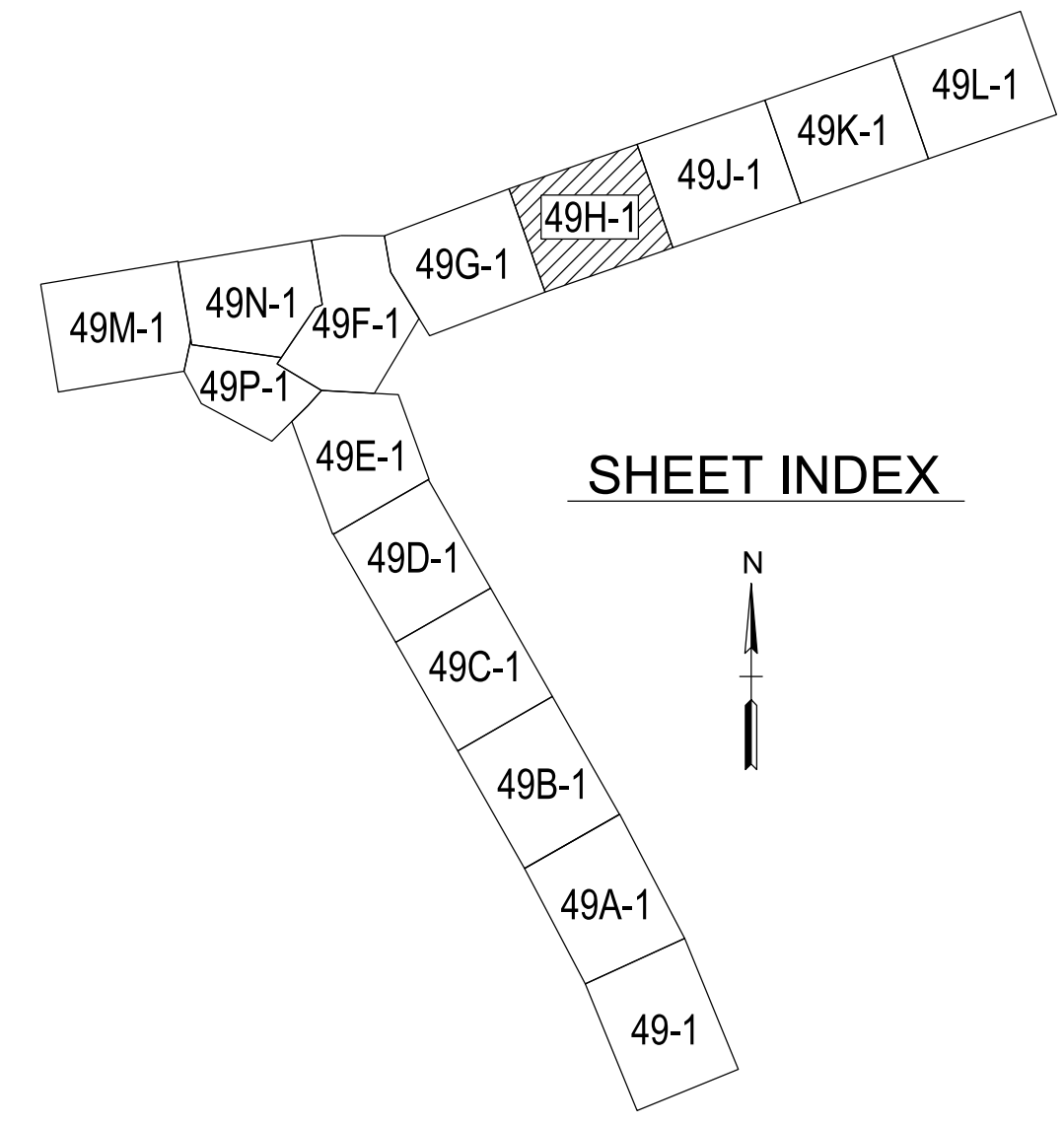
STAGE IA

**STATE OF TENNESSEE
DEPARTMENT OF
TRANSPORTATION**

**EROSION
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SEDIMENT CONTROL
(EPSC) PLANS**

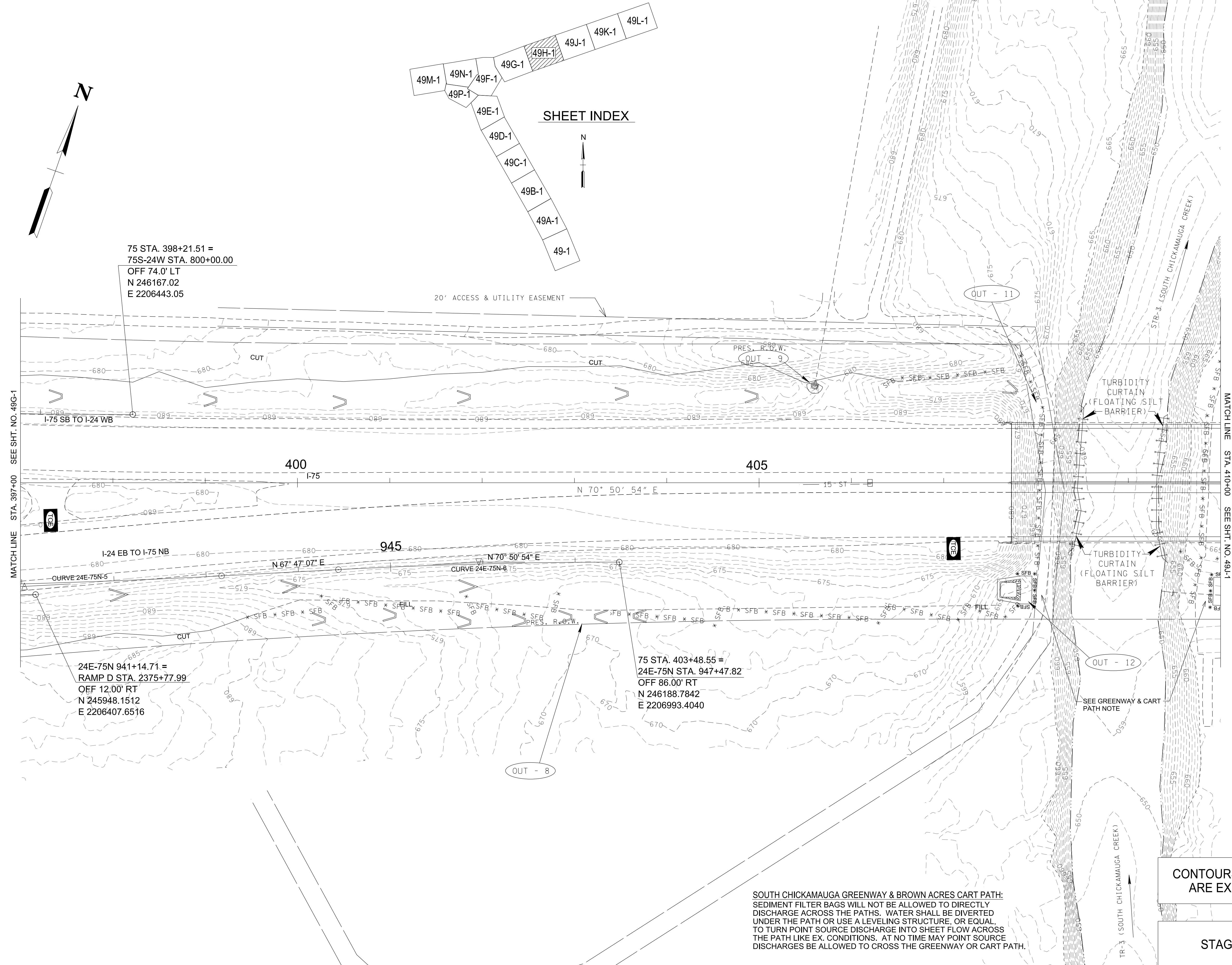
SCALE: 1" = 50'

| TYPE | YEAR | PROJECT NO. | SHEET NO. |
|---------|------|-----------------|-----------|
| PRELIM. | 2019 | IM/NH-75-1(131) | 49H |
| CONST. | 2019 | IM/NH-75-1(131) | 49H-1 |



75 STA. 398+21.51 =
75S-24W STA. 800+00.00
OFF 74.0' LT
N 246167.02
E 2206443.05

20' ACCESS & UTILITY EASEMENT



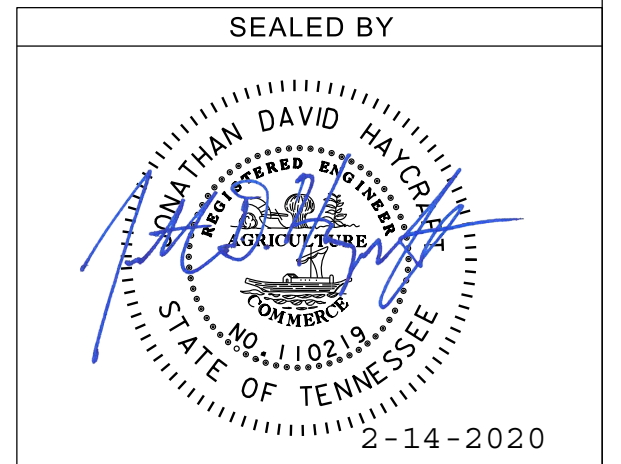
24E-75N 941+14.71 =
RAMP D STA. 2375+77.99
OFF 12.00' RT
N 245948.1512
E 2206407.6516

75 STA. 403+48.55 =
24E-75N STA. 947+47.82
OFF 86.00' RT
N 246188.7842
E 2206993.4040

CONTOURS SHOWN
ARE EXISTING

STAGE IA

SOUTH CHICKAMAUGA GREENWAY & BROWN ACRES CART PATH:
SEDIMENT FILTER BAGS WILL NOT BE ALLOWED TO DIRECTLY DISCHARGE ACROSS THE PATHS. WATER SHALL BE DIVERTED UNDER THE PATH OR USE A LEVELING STRUCTURE, OR EQUAL, TO TURN POINT SOURCE DISCHARGE INTO SHEET FLOW ACROSS THE PATH LIKE EX. CONDITIONS. AT NO TIME MAY POINT SOURCE DISCHARGES BE ALLOWED TO CROSS THE GREENWAY OR CART PATH.

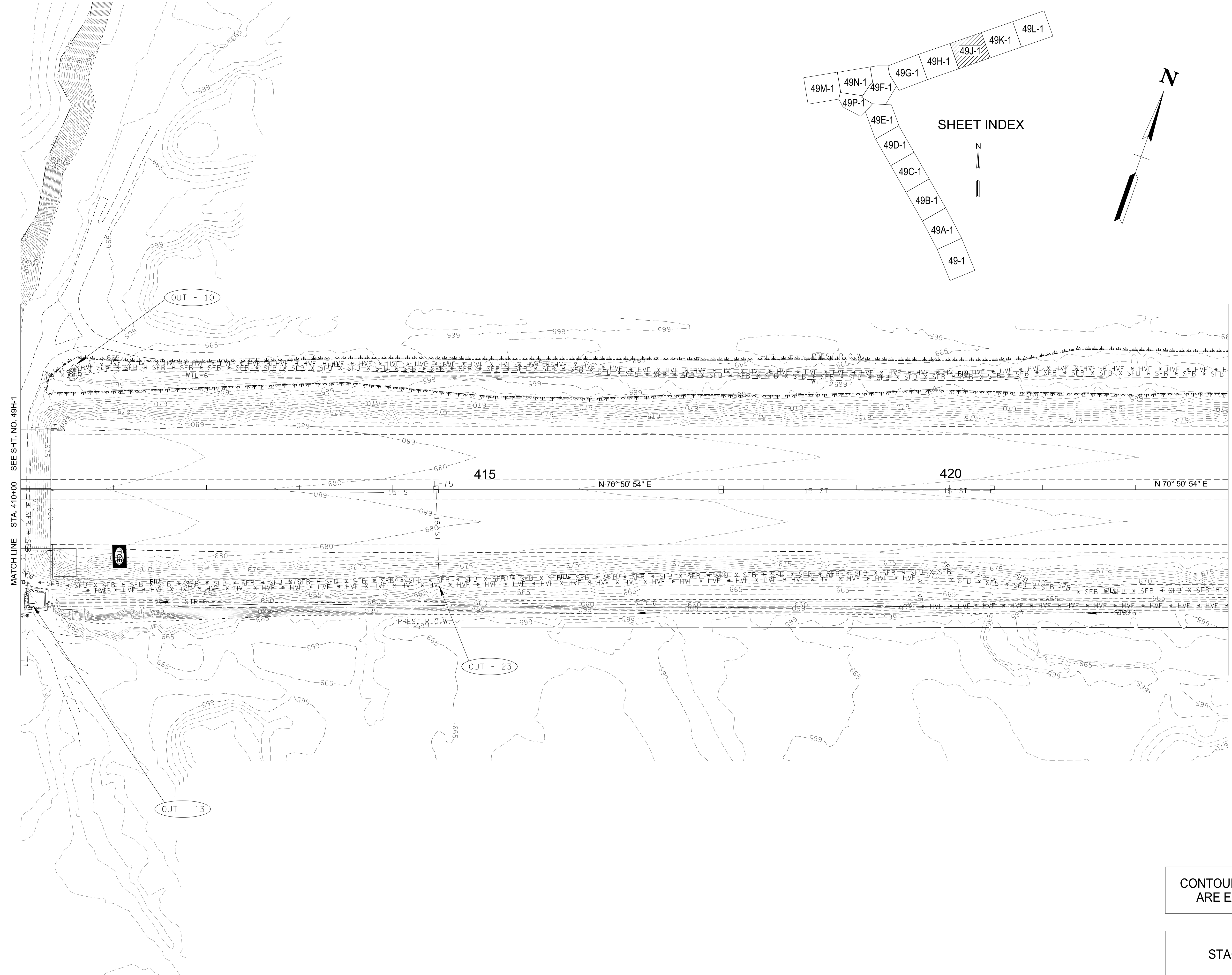
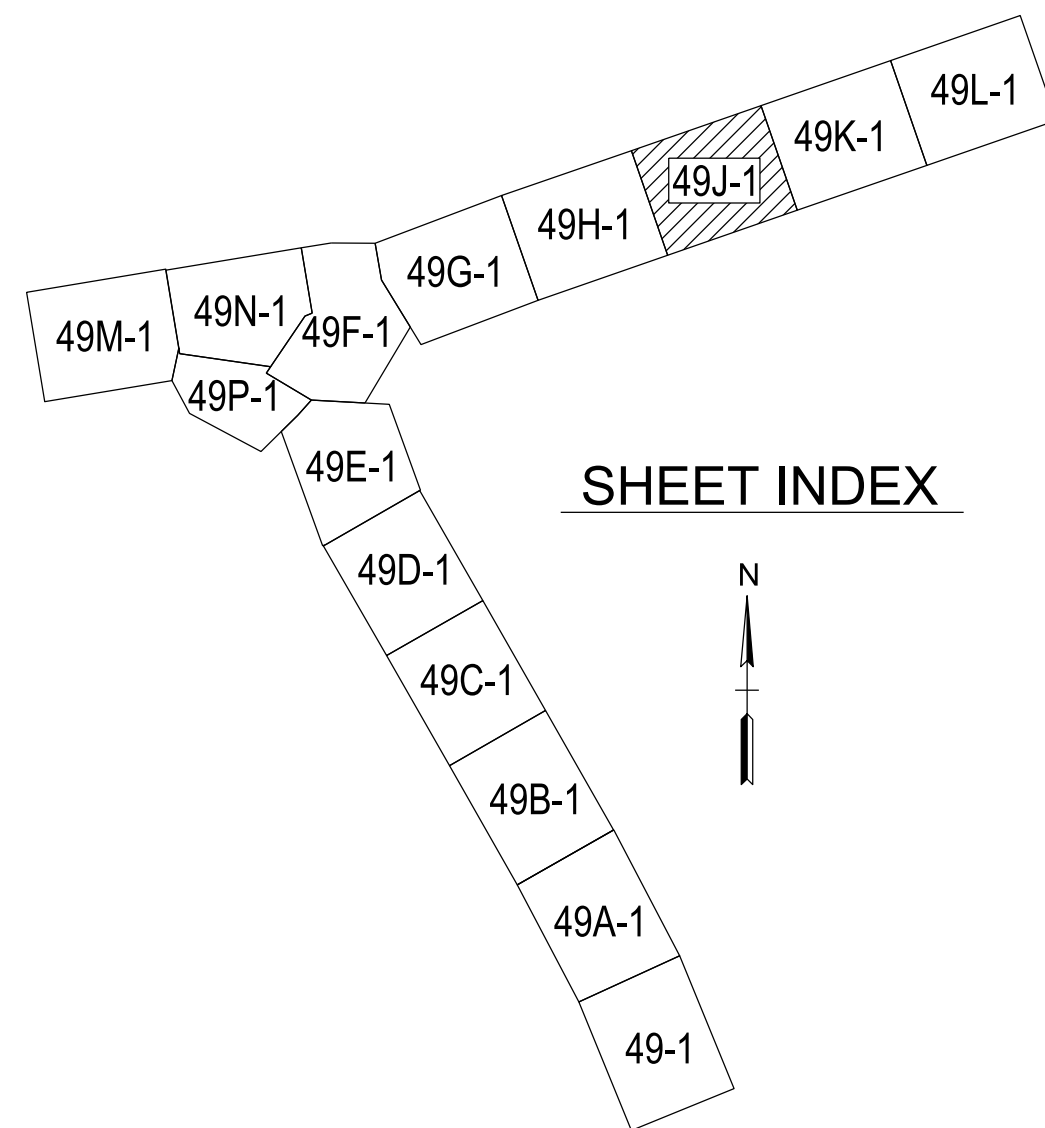


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STATE OF TENNESSEE
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SCALE: 1" = 50'

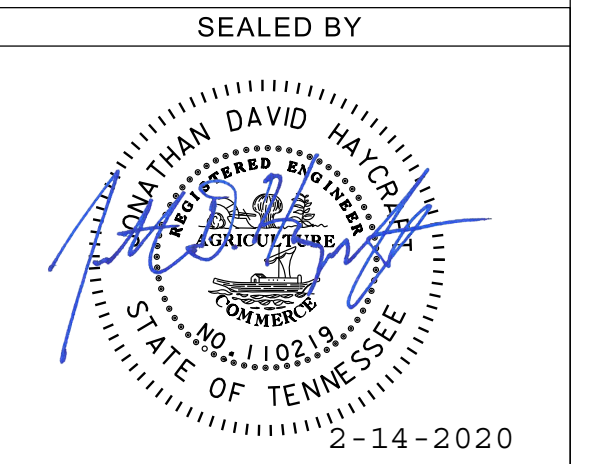
| TYPE | YEAR | PROJECT NO. | SHEET NO. |
|---------|------|-----------------|-----------|
| PRELIM. | 2019 | IM/NH-75-1(131) | 49J |
| CONST. | 2019 | IM/NH-75-1(131) | 49J-1 |
| | | | |



MATCH LINE STA. 410+00 SEE SHT. NO. 49H-1

MATCH LINE STA. 423+00 SEE SHT. NO. 49K-1

2/14/2020 F:\366\36908\3690800104_CAD\TRNS\049J-1.sht



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CONTOURS SHOWN ARE EXISTING

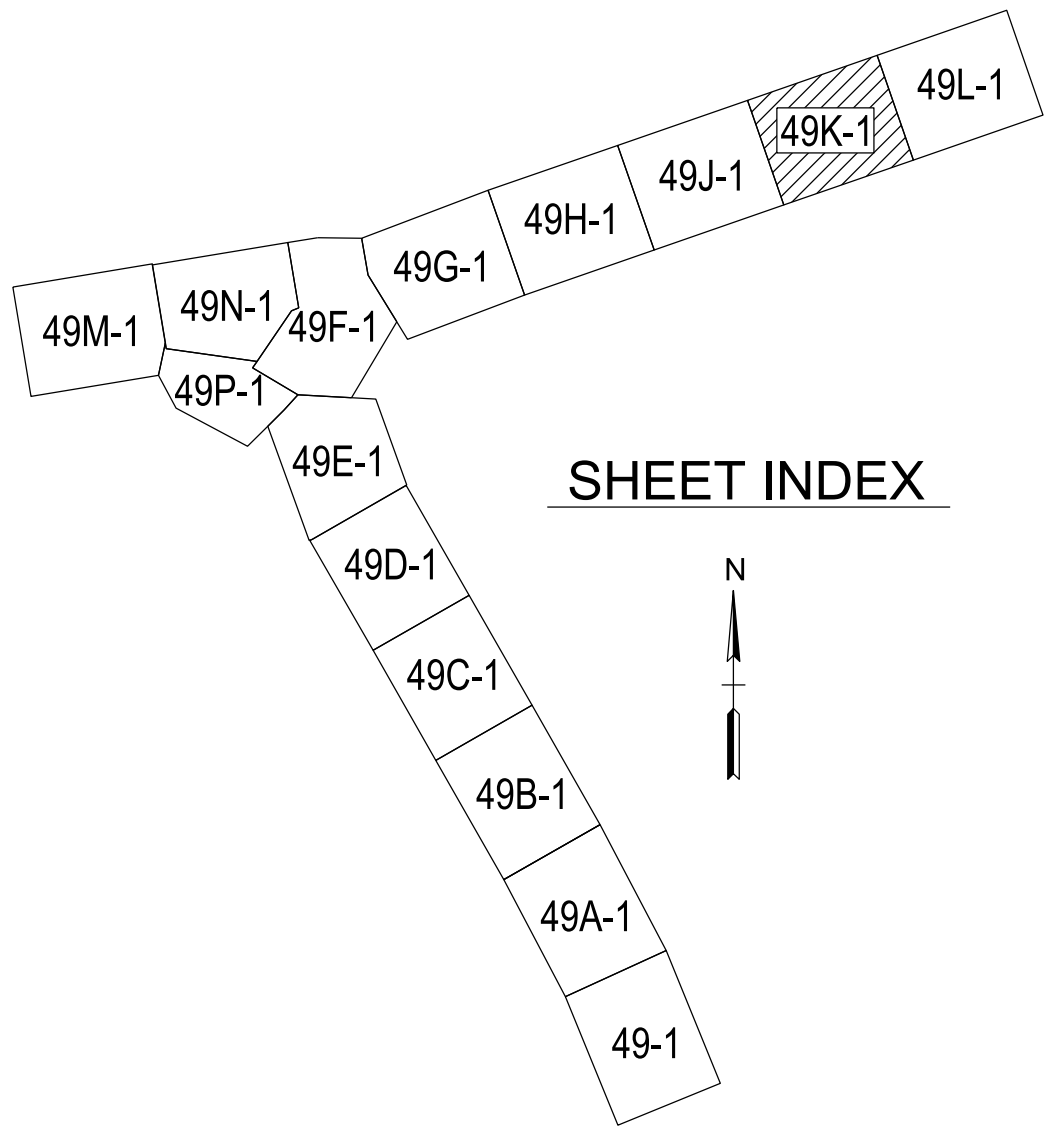
STAGE IA

**STATE OF TENNESSEE
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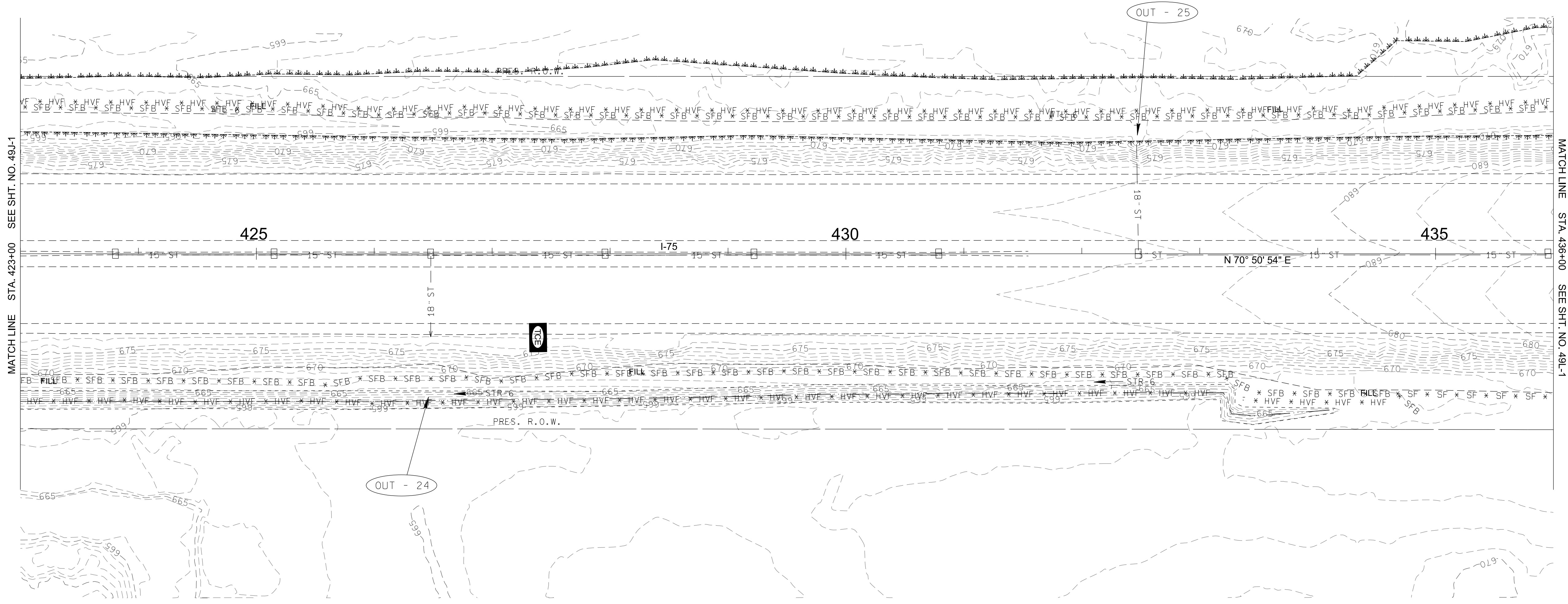
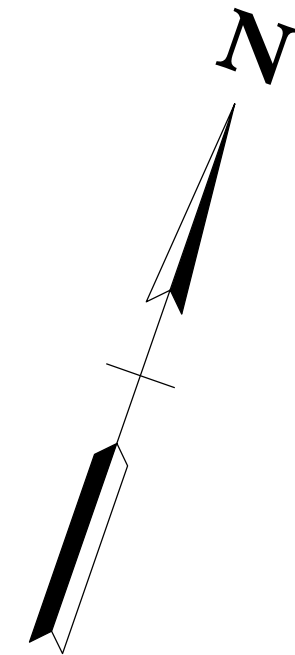
**EROSION
PREVENTION &
SEDIMENT CONTROL
(EPSC) PLANS**

SCALE: 1" = 50'

| TYPE | YEAR | PROJECT NO. | SHEET NO. |
|---------|------|-----------------|-----------|
| PRELIM. | 2019 | IM/NH-75-1(131) | 49K |
| CONST. | 2019 | IM/NH-75-1(131) | 49K-1 |
| | | | |



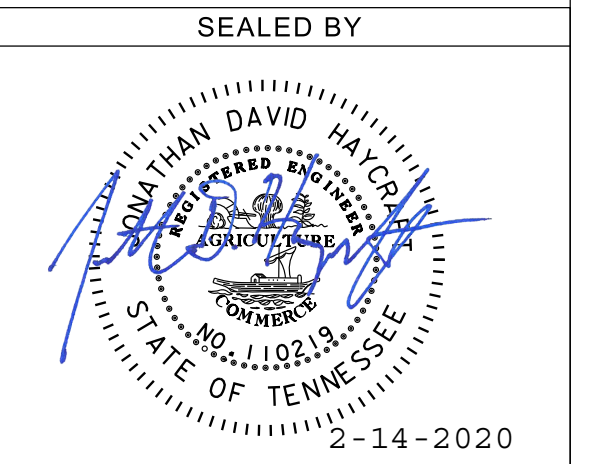
SHEET INDEX



MATCH LINE STA. 423+00 SEE SHT. NO. 49J-1

MATCH LINE STA. 436+00 SEE SHT. NO. 49L-1

2/14/2020 F:\366\36908\3690800104_CAD\TRNS\049K-1.sht



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CONTOURS SHOWN ARE EXISTING

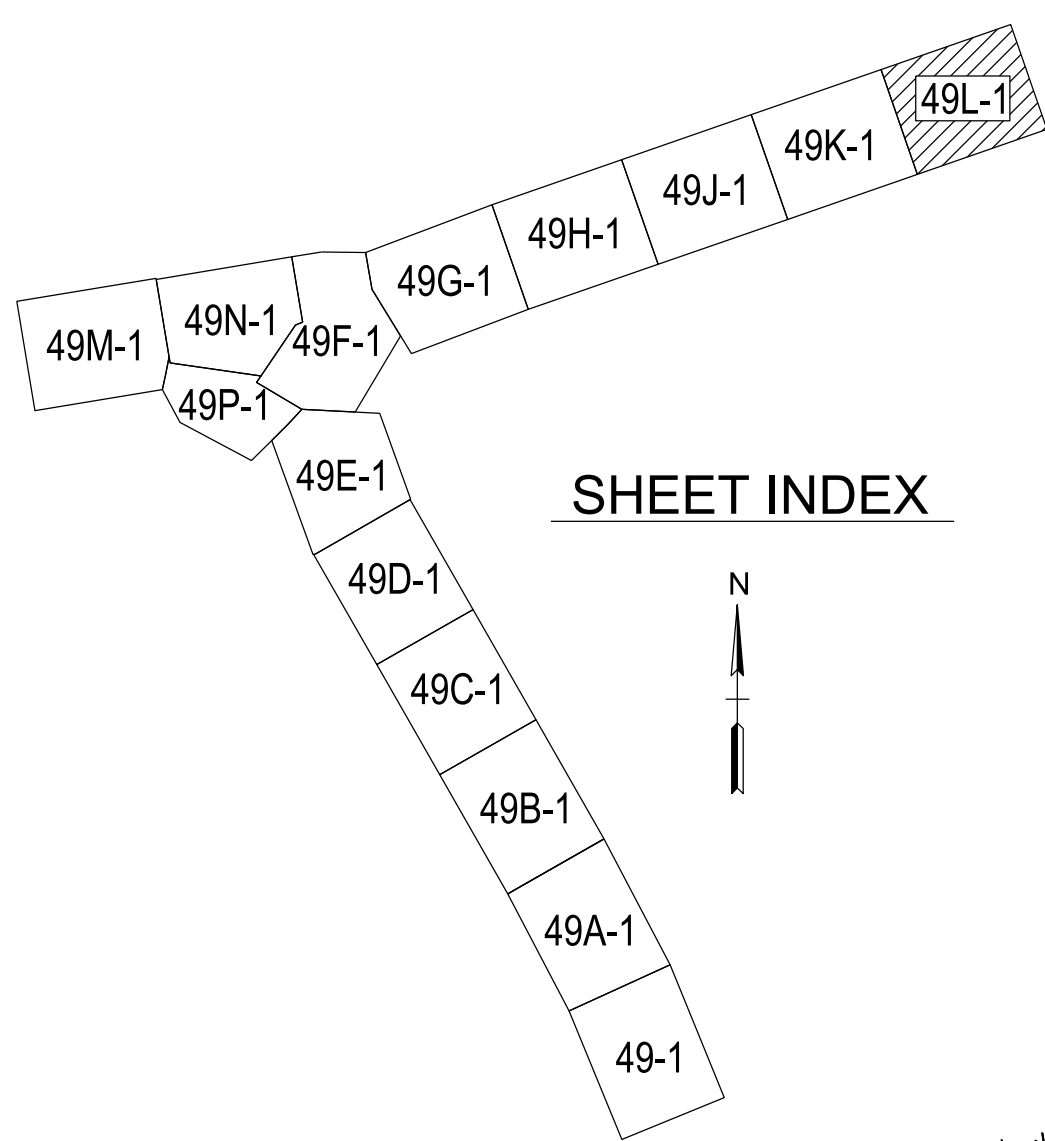
STAGE IA

**STATE OF TENNESSEE
DEPARTMENT OF
TRANSPORTATION**

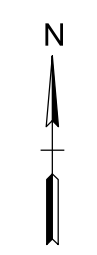
**EROSION
PREVENTION &
SEDIMENT CONTROL
(EPSC) PLANS**

SCALE: 1" = 50'

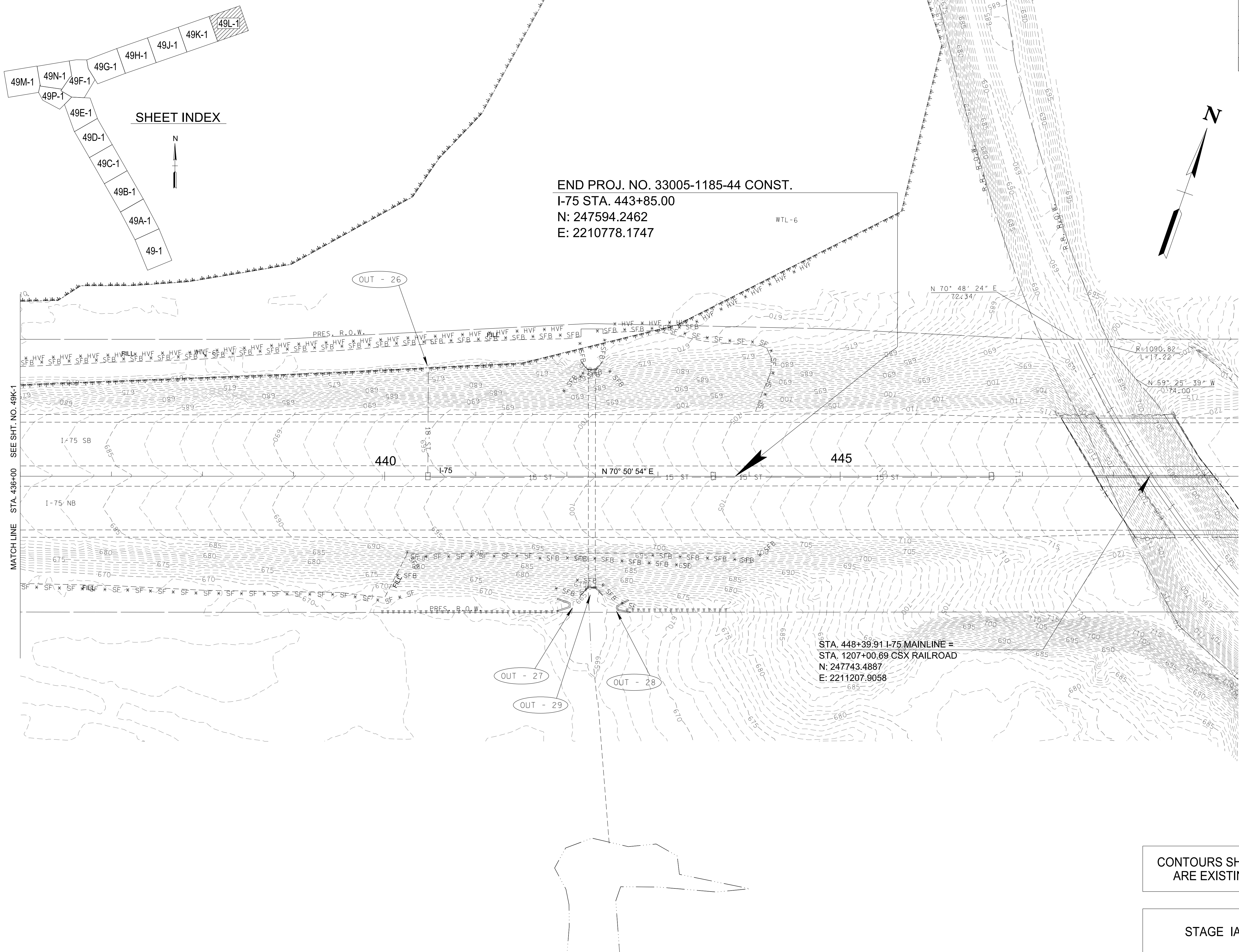
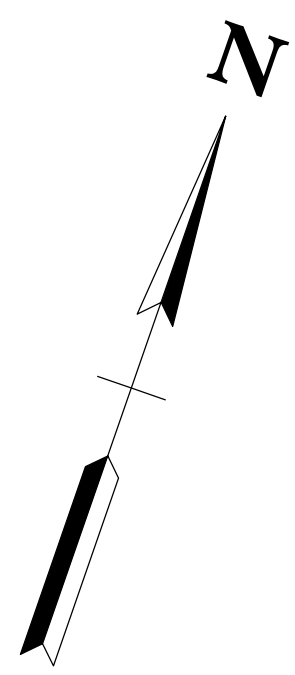
| TYPE | YEAR | PROJECT NO. | SHEET NO. |
|---------|------|-----------------|-----------|
| PRELIM. | 2019 | IM/NH-75-1(131) | 49L |
| CONST. | 2019 | IM/NH-75-1(131) | 49L-1 |



SHEET INDEX

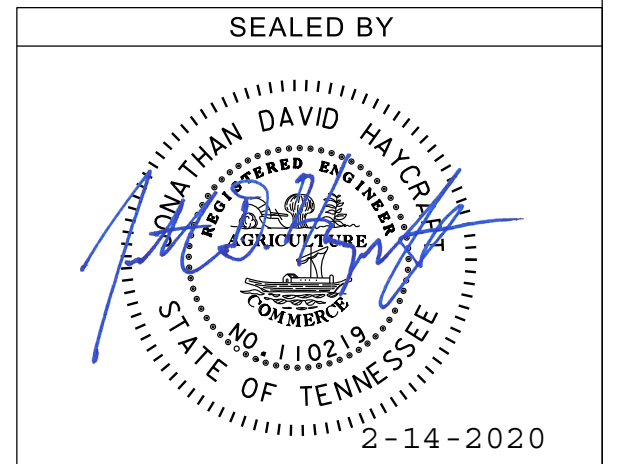


END PROJ. NO. 33005-1185-44 CONST.
 I-75 STA. 443+85.00
 N: 247594.2462
 E: 2210778.1747



MATCH LINE STA. 436+00 SEE SHT. NO. 49K-1

2/14/2020 F:\366\36908\3690800104_CAD\TRNS\049L-1.sht



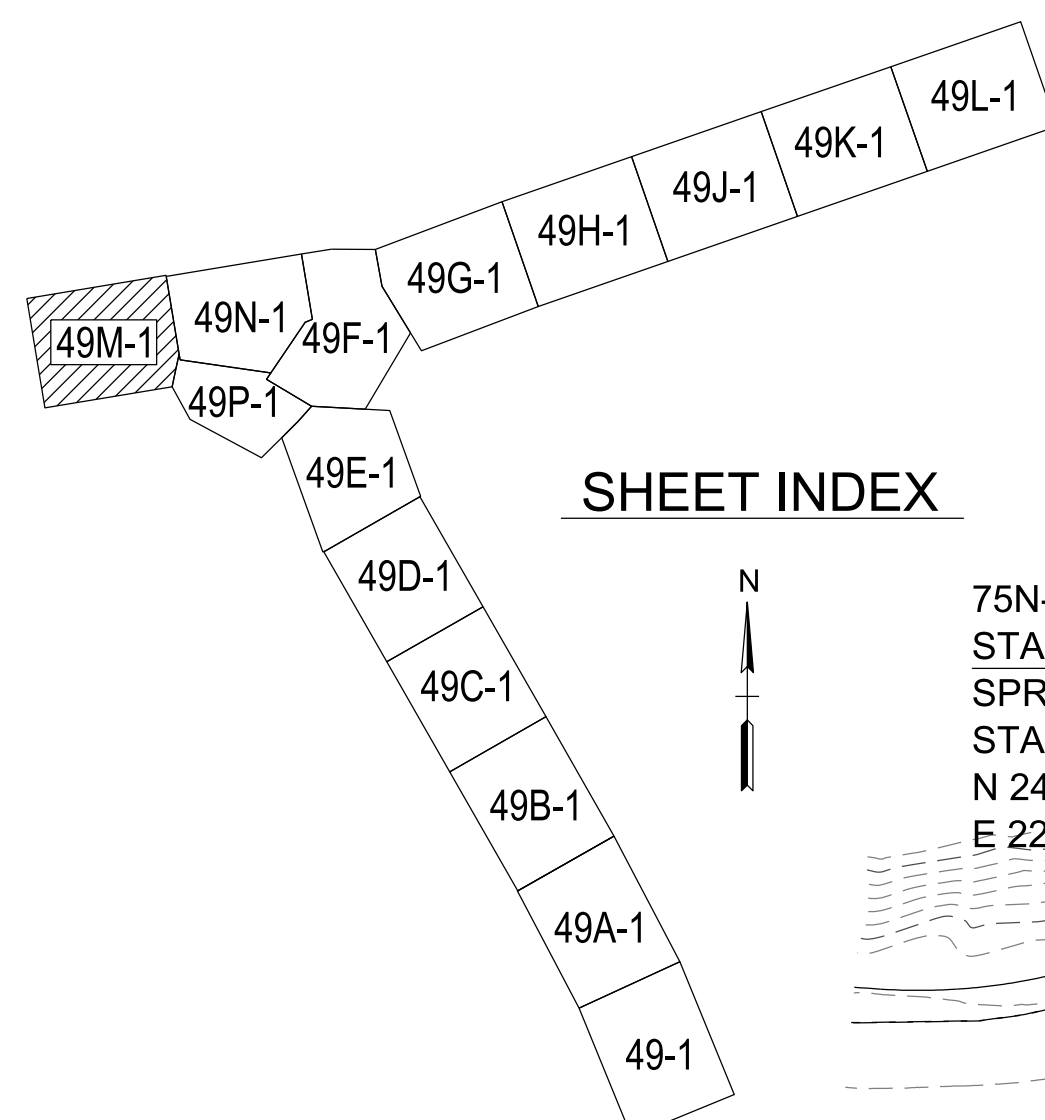
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CONTOURS SHOWN ARE EXISTING

STAGE IA

STATE OF TENNESSEE
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 SEDIMENT CONTROL
 (EPSC) PLANS
 SCALE: 1" = 50'

| TYPE | YEAR | PROJECT NO. | SHEET NO. |
|---------|------|-----------------|-----------|
| PRELIM. | 2019 | IM/NH-75-1(131) | 49M |
| CONST. | 2019 | IM/NH-75-1(131) | 49M-1 |

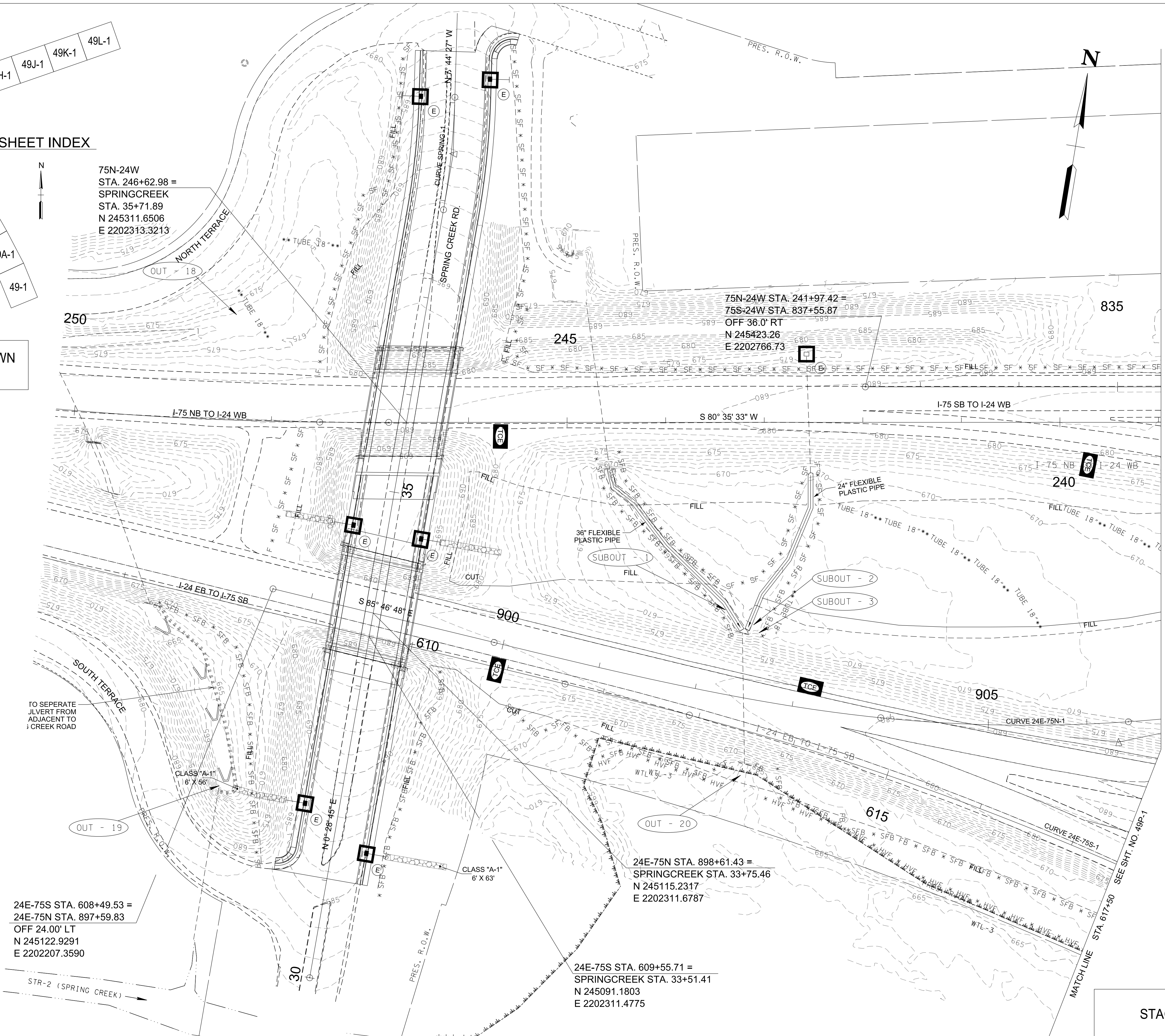


SHEET INDEX



75N-24W
 STA. 246+62.98 =
 SPRINGCREEK
 STA. 35+71.89
 N 245311.6506
 E 2202313.3213

CONTOURS SHOWN
 ARE EXISTING



24E-75S STA. 608+49.53 =
 24E-75N STA. 897+59.83
 OFF 24.00' LT
 N 245122.9291
 E 2202207.3590

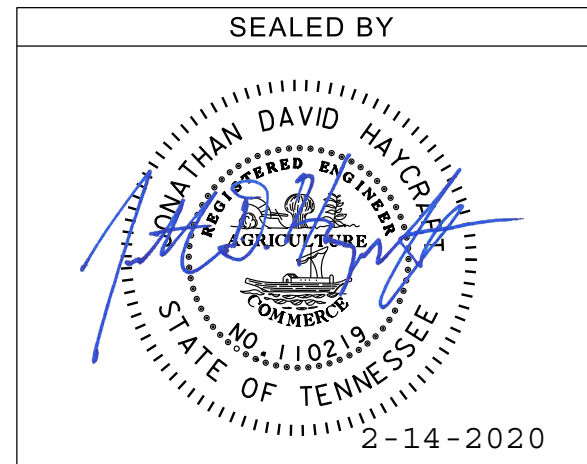
24E-75N STA. 898+61.43 =
 SPRINGCREEK STA. 33+75.46
 N 245115.2317
 E 2202311.6787

24E-75S STA. 609+55.71 =
 SPRINGCREEK STA. 33+51.41
 N 245091.1803
 E 2202311.4775

STAGE IA

MATCH LINE STA. 834+55 SEE SHT. NO. 49N-1

MATCH LINE STA. 617+50 SEE SHT. NO. 49P-1



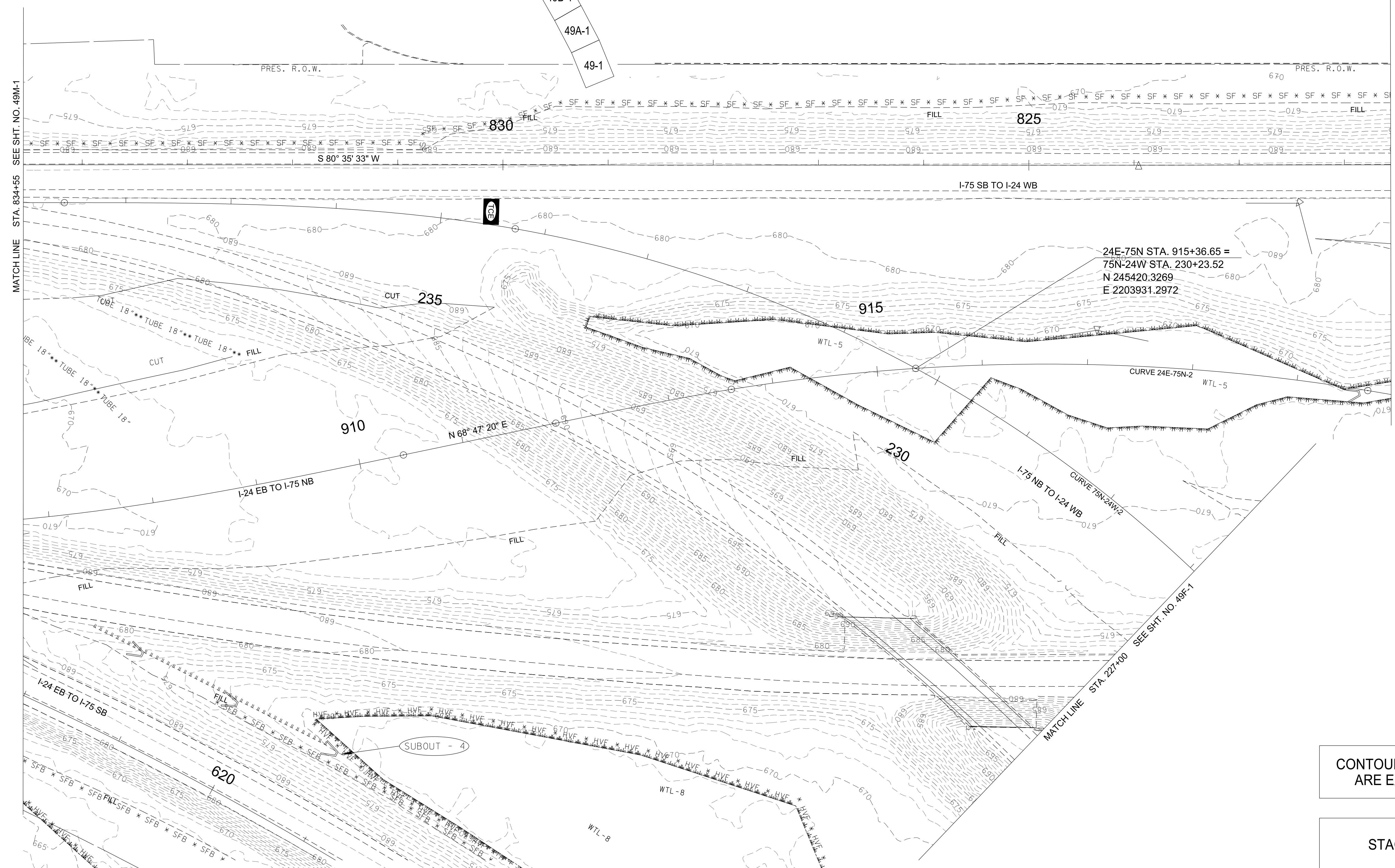
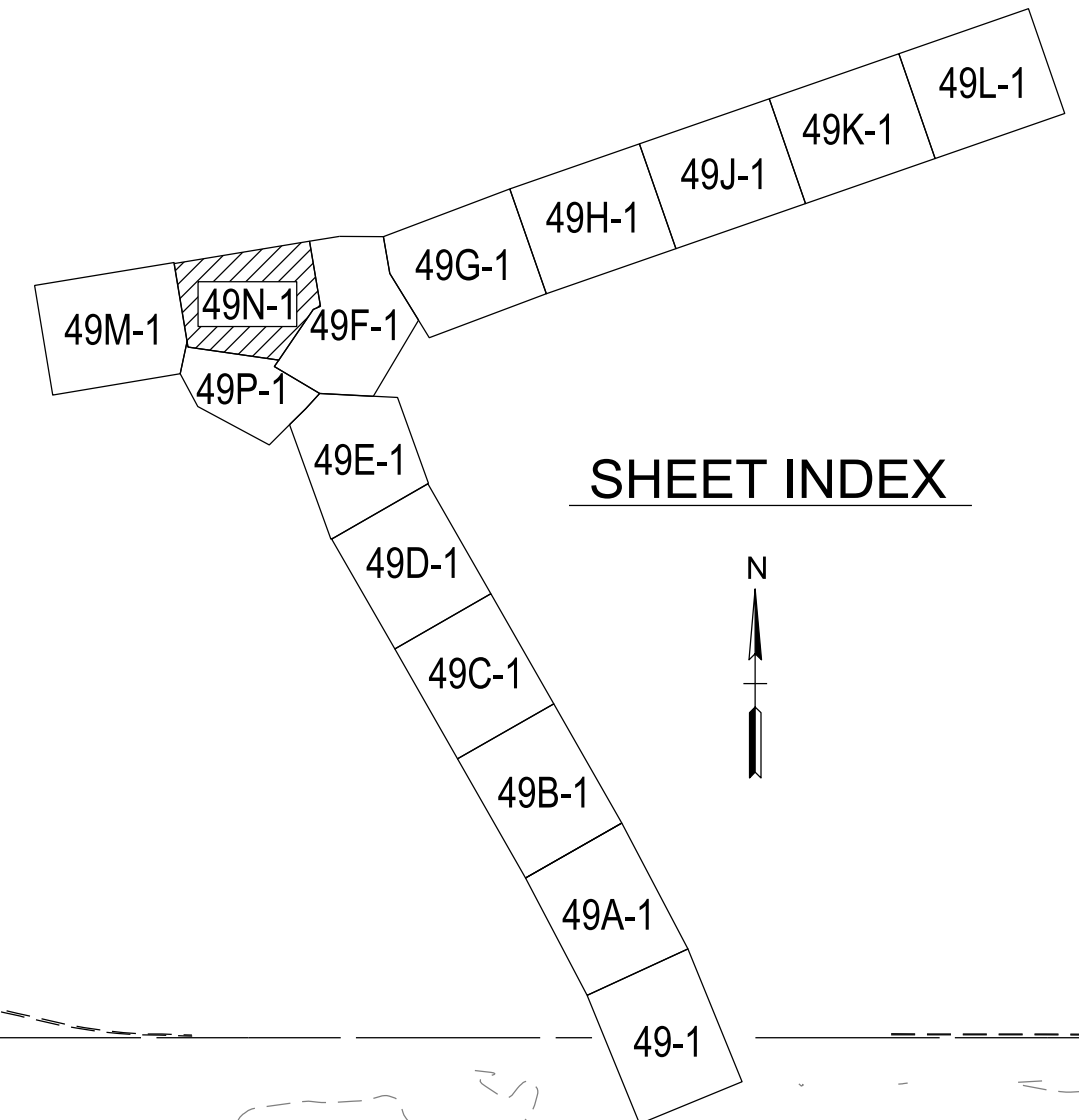
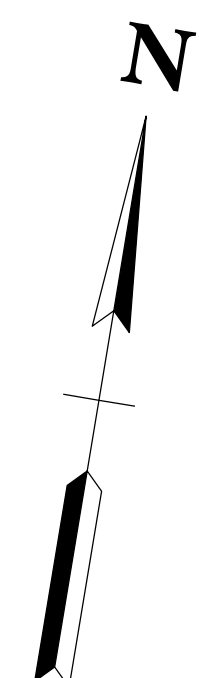
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SCALE: 1" = 50'

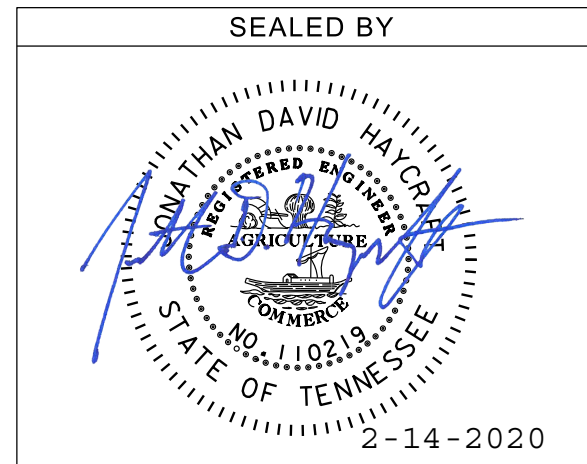
| TYPE | YEAR | PROJECT NO. | SHEET NO. |
|---------|------|-----------------|-----------|
| PRELIM. | 2019 | IM/NH-75-1(131) | 49N |
| CONST. | 2019 | IM/NH-75-1(131) | 49N-1 |



2/14/2020
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CONTOURS SHOWN
ARE EXISTING

STAGE IA



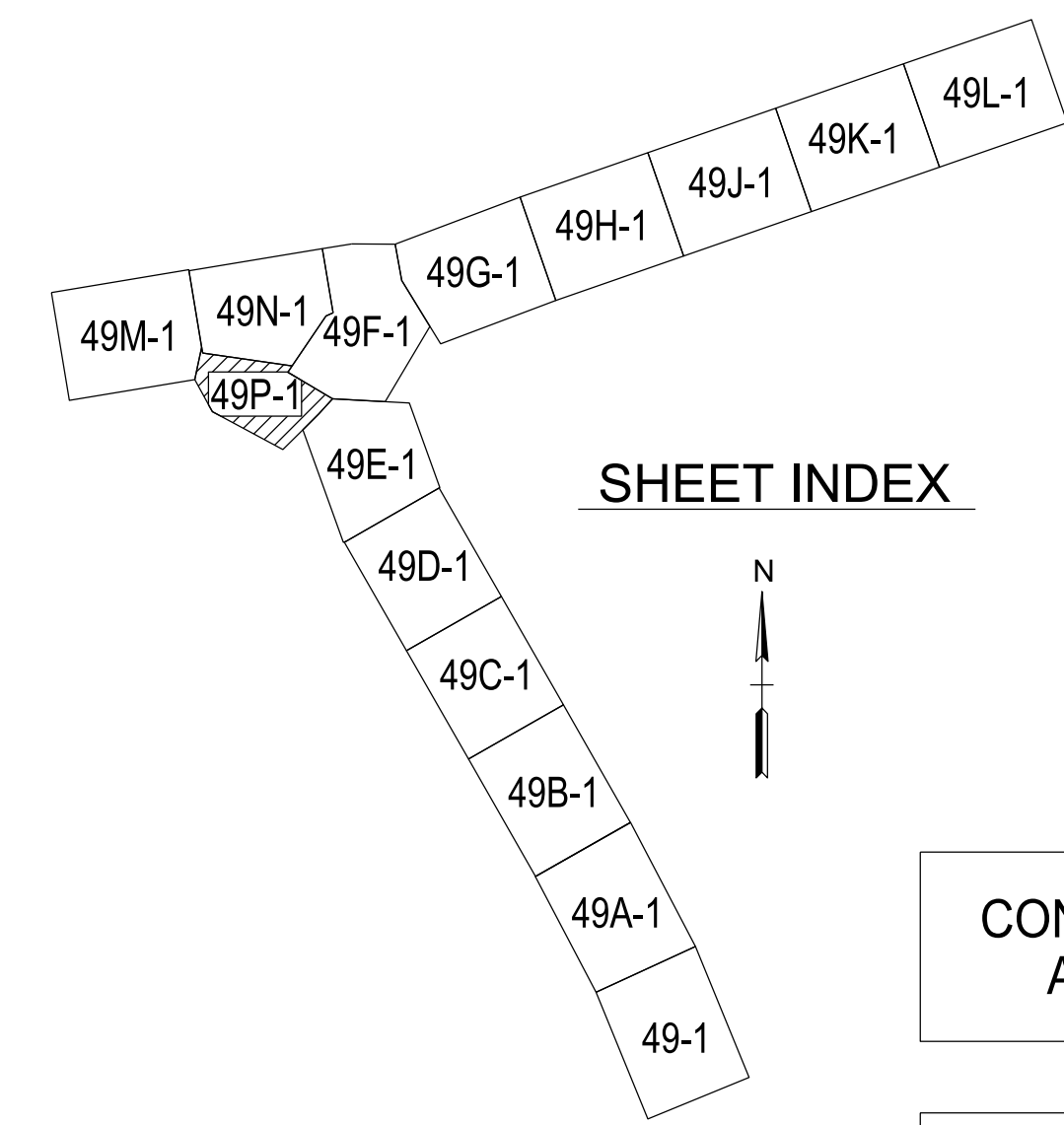
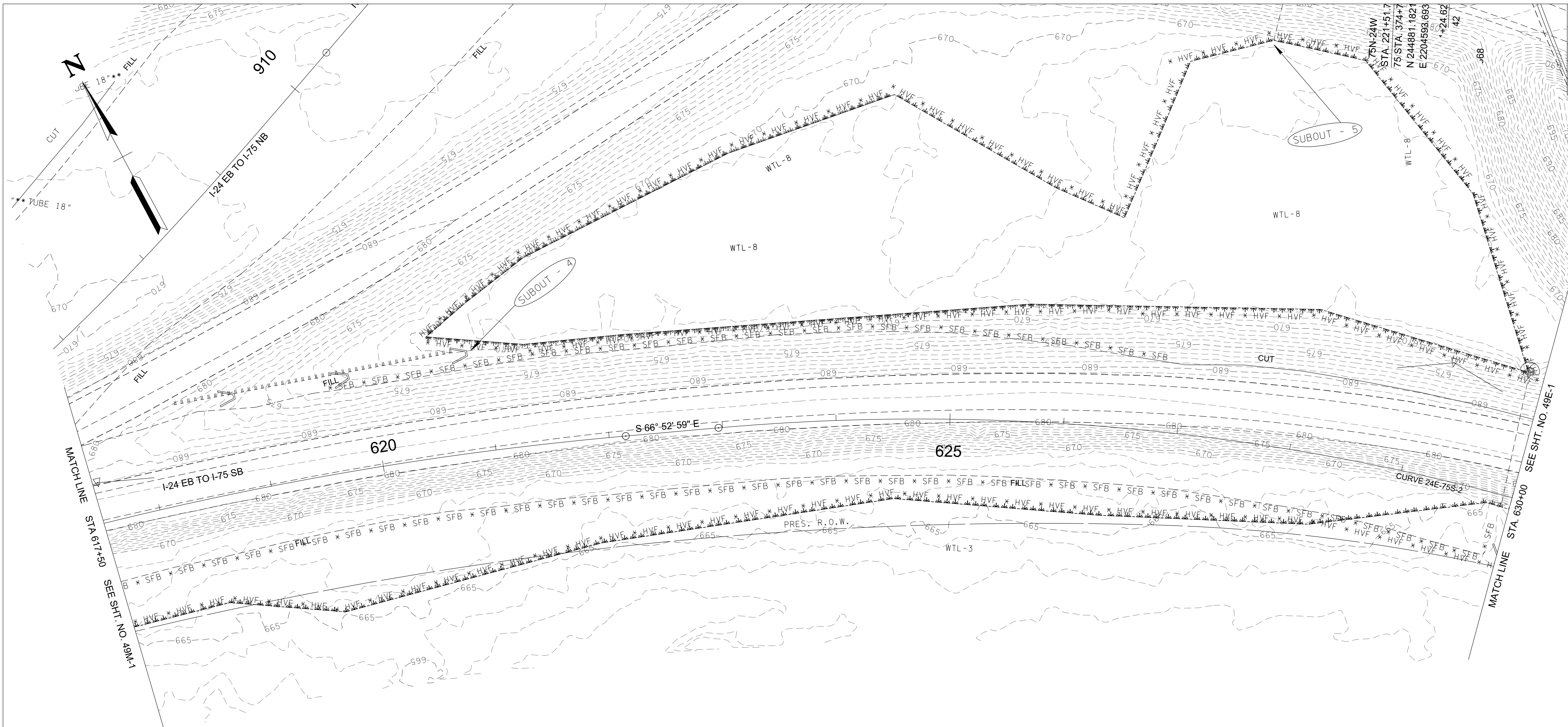
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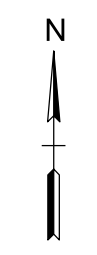
**EROSION
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(EPSC) PLANS**

SCALE: 1" = 50'

| TYPE | YEAR | PROJECT NO. | SHEET NO. |
|---------|------|-----------------|-----------|
| PRELIM. | 2019 | IM/NH-75-1(131) | 49P |
| CONST. | 2019 | IM/NH-75-1(131) | 49P-1 |

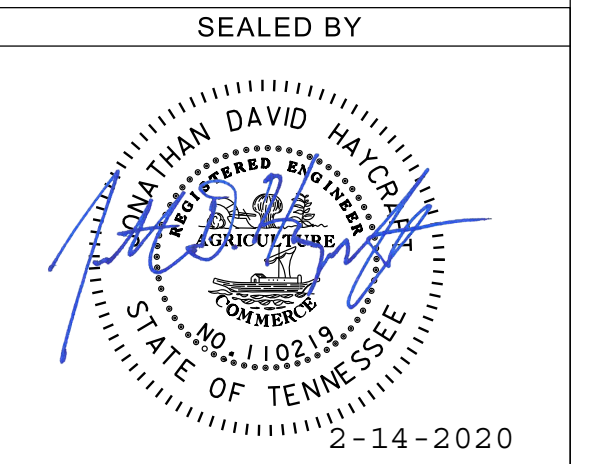


SHEET INDEX



CONTOURS SHOWN
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