

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAI ROUTE 270 (I-270)
SECTION 60-(1,2,3,4,5,6)J-1
PROJECT HSIP-0270(401)
GUARDRAIL AND IMPACT ATTENUATORS – HSIP
MADISON COUNTY

C-98-089-12

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|---------------------|----------|--------------------|-----------|
| 270 | 60-(1,2,3,4,5,6)J-1 | MADISON | 33 | 1 |
| | | ILLINOIS | CONTRACT NO. 76F97 | |

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FROM IL 3 TO IL 157

2011 ADT = 55200 (ACTUAL)
2013 ADT = 56300 (ESTIMATED)
2033 ADT = 68700 (ESTIMATED)
SU = 2.5% MU = 15.8%

FROM IL 157 TO IL 159

2011 ADT = 41100 (ACTUAL)
2013 ADT = 41900 (ESTIMATED)
2033 ADT = 51100 (ESTIMATED)
SU = 2.5% MU = 20.7%

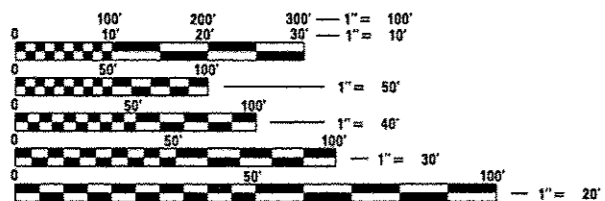
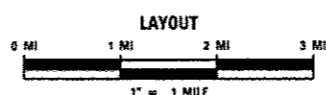
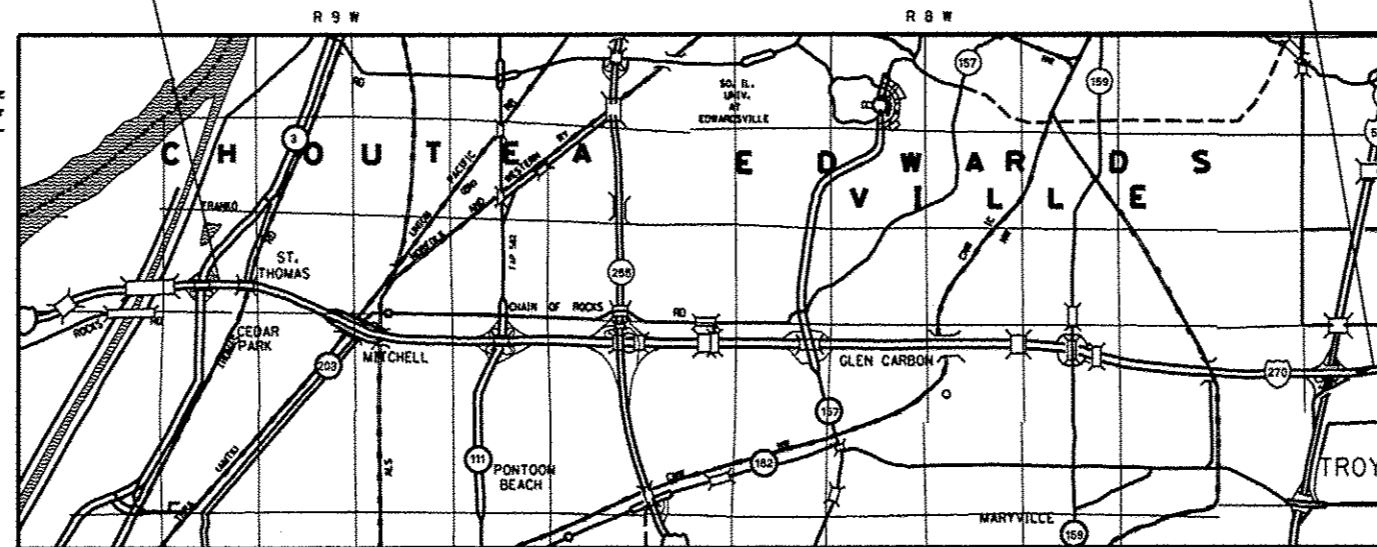
FROM IL 159 TO I-55

2011 ADT = 28800 (ACTUAL)
2013 ADT = 29400 (ESTIMATED)
2033 ADT = 35900 (ESTIMATED)
SU = 3.1% MU = 24.7%



BEGIN PROJECT AT IL 3
STA. 232+77.75
LATITUDE: 38.76602°
LONGITUDE: 90.12395°

END PROJECT AT I-55
STA. 888+20.53 (EB)
LATITUDE: 38.75224°
LONGITUDE: 89.89744°



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

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

PROJECT ENGINEER: PATTI LEBEAU (618) 346-3179
PROJECT MANAGER: REBECCA THARP (618) 346-3323

CONTRACT NO. 76F97

GROSS LENGTH = 65542.78 FT. = 12.413 MILE

DESIGN DESIGNATION
NA

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED March 20 2013
[Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER

May 10 2013
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

May 10 2013
[Signature]
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

INDEX OF SHEETS

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- 6-9 SCHEDULE OF QUANTITIES
- 10-32 PLAN SHEETS
- 33 MISCELLANEOUS DETAILS

HIGHWAY STANDARDS

| | |
|-----------|-----------|
| 000001-06 | 631046-04 |
| 001001-02 | 635006-03 |
| 001006 | 635011-02 |
| 280001-07 | 643001-01 |
| 630001-10 | 701400-06 |
| 631011-09 | 701401-07 |
| 631031-11 | 701411-08 |
| 631033-04 | 701901-02 |

COMMITMENTS

NONE

GENERAL NOTES

1. THE STANDARDS AND REVISION NUMBERS SHALL APPLY TO THIS PROJECT.
2. THE CONTRACTOR AND THE ENGINEER SHALL BE AWARE THAT NO SURVEY WAS PERFORMED FOR THIS PROJECT. THE STATIONING AND TOPOGRAPHY SHOWN IN THE PLANS WAS CREATED USING MICROFILM AND FIELD MEASUREMENTS. BOTH SHALL BE ASSUMED TO BE APPROXIMATE. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.
3. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE TO BE GIVEN TO ALL UTILITIES WITHIN THE PROJECT AREA BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:
 - AMEREN ILLINOIS
 - AT&T ILLINOIS
 - AT&T CORPORATION
 - BUCKEYE PARTNERS L.P.--WOOD RIVER PIPELINE
 - CENTERPOINT ENERGY
 - CHARTER COMMUNICATIONS, INC.
 - CONSOLIDATED COMMUNICATIONS
 - VILLAGE OF GLEN CARBON
 - CITY OF GRANITE CITY
 - ILLINOIS AMERICAN WATER COMPANY
 - LEVEL 3 COMMUNICATIONS, LLC
 - VERIZON BUSINESS
 - MADISON COUNTY SPECIAL SERVICE AREA#1
 - MITCHELL PUBLIC WATER DISTRICT
 - ZAYO FIBER SOLUTIONS
 - PONTOON BEACH PUBLIC WATER DISTRICT
 - SOUTHWESTERN ELECTRIC COOPERATIVE, INC
 - SPRINT/NEXTEL
 - CITY OF TROY

MEMBERS OF J.U.L.I.E CALL TOLL FREE (800) 892-0123 OR 811 ARE INDICATED BY *.
NON J.U.L.I.E.-MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

4. IF THE CONTRACTOR, FOR HIS CONSTRUCTION ACTIVITY, REMOVES TREES WITHIN THE RIGHT-OF-WAY LIMITS WHICH ARE NOT DESIGNATED ON THE PLANS FOR REMOVAL, I.E. IN ORDER TO GAIN ACCESS TO THE PROJECT SITE; IT WILL BE HIS RESPONSIBILITY TO REPLACE THE TREES AT A 1:1 RATIO. THE TREES WILL BE REPLACED WITH A 1 GALLON NATIVE ILLINOIS TREE SPECIES AND SHALL BE APPROVED BY THE ENGINEER. THE TREE REMOVAL AND TREE REPLACEMENT WILL BE AT THE CONTRACTOR'S EXPENSE, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
5. THE DEPARTMENT STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR APPROVED SUB-CONTRACTORS TO HIRE MINORITY, WOMEN AND DISADVANTAGED INDIVIDUALS FROM ITS FEDERALLY FUNDED HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM (HCCTP) TO HELP MEET WORKFORCE AND TRAINEE GOALS. THIS PROGRAM IS TRAINING MINORITIES, WOMEN AND DISADVANTAGED INDIVIDUALS IN HIGHWAY CONSTRUCTION-RELATED SKILLS, E.G., MATH FOR THE TRADES, JOB READINESS, TECHNICAL SKILLS COURSEWORK (CARPENTRY, CONCRETE FLATWORK, BLUEPRINT READING, SITE PLANS, SITE WORK, TOOLS USE, ETC.) AND OSHA 10 HOUR CERTIFICATION, TO PREPARE THEM FOR A CAREER IN THE HIGHWAY CONSTRUCTION TRADES. GRADUATES ARE WELL-TRAINED AND READY TO BECOME PRODUCTIVE ENTRY-LEVEL CONSTRUCTION WORKERS. CONTACT THE DISTRICT 8 EEO OFFICE AT 618-346-3360 AND/OR THE HCCTP COORDINATOR AT 618-874-6528 TO LEARN MORE ABOUT THE PROGRAM AND FOR ASSISTANCE IN MEETING WORKFORCE AND TRAINEE GOALS.
6. ALL NEW TRAFFIC BARRIER TERMINALS SHALL BE CORED, NO DRILLING WILL BE PERMITTED INTO THE PARAPET WALLS, MEDIANS, PIERS, ETC. ACCORDING TO THE ARTICLE 631.07, THE COST WILL BE INCLUDED IN THE TYPE OF TRAFFIC BARRIER TERMINAL (EACH). NO ADDITIONAL COMPENSATION WILL BE ALLOWED. FOR THIS WORK, ANY DAMAGE TO THE PARAPET WALLS, MEDIANS, PIERS, ETC. WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR AT HIS OWN EXPENSE.
7. ALL TERMINALS ATTACHED TO THE CONCRETE STRUCTURE WILL BE CORED. DRILLED HOLES WILL NOT BE ALLOWED. ALL EXISTING HOLES WILL BE GROUTED IF NOT USED BY THE NEW TERMINALS. SEE SPECIAL PROVISION: GUARDRAIL REMOVAL SPECIAL.
8. ALL DISTURBED EMBANKMENT AREAS SHALL BE SEEDED WITH CLASS 2 SEED, FERTILIZED AND MULCHED AS PER SECTION 250 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THE COST FOR PERFORMING THIS WORK SHALL BE CONSIDERED INCLUDED IN THE UNIT PRICE BID FOR THE ITEM OF WORK INITIATING THE DISTURBANCE.
9. LOCATING UNDERGROUND CABLE HAS BEEN INCLUDED IN THESE PLANS FOR LOCATING ALL STATE FACILITIES ON STATE ROW SUCH AS HIGHWAY LIGHTING, ITS SYSTEMS, TRAFFIC COUNTERS, ETC.
10. TWO CHANGEABLE MESSAGE BOARDS SHALL BE REQUIRED FOR THIS PROJECT. THEY SHALL BE PLACED ONE WEEK PRIOR TO ANY LANE CLOSURE. THE CHANGEABLE MESSAGE BOARDS SHALL BE PLACED AS DIRECTED BY THE ENGINEER.
11. THE TRAFFIC BARRIER TERMINAL, TYPE 5 SHALL BE INSTALLED WITH THE EXISTING ANCHOR BOLTS AND TAPERED TO MEET THE CURRENT POLICY HEIGHT OVER TWO (2) GUARDRAIL SECTIONS.

EROSION & SEDIMENT CONTROL NOTES

1. ALL EROSION CONTROL PRODUCTS FURNISHED SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE USE SPECIFIED IN THE EROSION CONTROL PLAN. PRIOR TO APPROVAL AND USE OF THE PRODUCT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A NOTARIZED CERTIFICATION BY THE PRODUCER STATING THE INTENDED USE OF THE PRODUCT AND THAT THE PHYSICAL PROPERTIES REQUIRED FOR THIS APPLICATION ARE MET OR EXCEEDED. THE CONTRACTOR SHALL PROVIDE MANUFACTURER RECOMMENDED INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.
2. TEMPORARY SEEDING SHALL BE COMPLETED ON A WEEKLY BASIS ON EXPOSED GROUND AND SHALL BE PAID FOR AS "TEMPORARY EROSION CONTROL SEEDING" AND NO OTHER PAYMENT WILL BE PERMITTED. FOR CALCULATION PURPOSES, TWO APPLICATIONS OF TEMPORARY SEEDING WERE ASSUMED.
3. ALL AREAS DISTURBED FOR ANY REASON SHALL BE PERMANENTLY SEEDED AS DIRECTED BY THE ENGINEER. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED AT THE CONTRACTOR'S EXPENSE
4. CLASS 2 SEEDING IS TO BE PLACED AS SOON AS EARTHWORK IS COMPLETED.
5. EARTH STOCKPILES SHALL BE TEMPORARILY SEEDED IF THEY ARE TO REMAIN UNUSED FOR MORE THAN FOURTEEN DAYS.
6. FINAL SEEDING SHALL BE PERFORMED AS SOON AS POSSIBLE.

| | | | | | | | | | | |
|--|-------------------------------|------------|-----------|---|---|---------------------|----------------------------------|-----------------------------|--------------|-----------|
| FILE NAME * | USER NAME * herbaughd | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, COMMITMENTS EROSION & SEDIMENT CONTROL NOTES, LANE RESTRICTION SCHEDULE | F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| c:\pwworking\pavidot\herbaughd\0308620\037897\st-cover.dgn | DRAWN - | REVISED - | 270 | | | 60-(1,2,3,4,5,6)J-1 | MADISON | 33 | 2 | |
| #MODELNAME* | PLOT SCALE * 1/8"=1'-0" / in. | CHECKED - | REVISED - | | | CONTRACT NO. 76F97 | | | | |
| | PLOT DATE * 5/1/2013 | DATE - | REVISED - | | | SCALE: N/A | SHEET 1 OF 2 SHEETS STA. TO STA. | [ILLINOIS] FED. AID PROJECT | | |

LANE RESTRICTION SCHEDULE

MONDAY THROUGH FRIDAY, WITH THE EXCEPTION THAT ON FRIDAY THERE WILL BE NO LANE RESTRICTIONS ALLOWED FROM 5AM - 12 MIDNIGHT

| | | 12A | 1A | 2A | 3A | 4A | 5A | 6A | 7A | 8A | 9A | 10A | 11A | 12P | 1P | 2P | 3P | 4P | 5P | 6P | 7P | 8P | 9P | 10P | 11P | 12A |
|------------------|----|-------------------------------|----|----|----|----|--------------------------------|----|----|------------------------------|----|--------------------------------|-----|-----|----|----|--------------------------------|----|----|------------------------------|------------------------------|------------------------------|----|-----|-----|-----|
| IL 3 TO IL 111 | WB | 1 LANE RESTRICTION PERMITTED | | | | | NO LANE RESTRICTIONS PERMITTED | | | | | | | | | | | | | | 1 LANE RESTRICTION PERMITTED | | | | | |
| | EB | 1 LANE RESTRICTION PERMITTED | | | | | NO LANE RESTRICTIONS PERMITTED | | | | | | | | | | | | | | 1 LANE RESTRICTION PERMITTED | | | | | |
| IL 111 TO IL 157 | WB | 2 LANE RESTRICTIONS PERMITTED | | | | | NO LANE RESTRICTIONS PERMITTED | | | | | 1 LANE RESTRICTION PERMITTED | | | | | 2 LANE RESTRICTIONS PERMITTED | | | | | | | | | |
| | EB | 2 LANE RESTRICTIONS PERMITTED | | | | | 1 LANE RESTRICTION PERMITTED | | | | | NO LANE RESTRICTIONS PERMITTED | | | | | 2 LANE RESTRICTIONS PERMITTED | | | | | | | | | |
| IL 157 TO IL 159 | WB | 1 LANE RESTRICTION PERMITTED | | | | | NO LANE RESTRICTIONS PERMITTED | | | | | | | | | | | | | | 1 LANE RESTRICTION PERMITTED | | | | | |
| | EB | 1 LANE RESTRICTION PERMITTED | | | | | | | | | | NO LANE RESTRICTIONS PERMITTED | | | | | | | | | | 1 LANE RESTRICTION PERMITTED | | | | |
| IL 159 TO I-55 | WB | 1 LANE RESTRICTION PERMITTED | | | | | NO LANE RESTRICTIONS PERMITTED | | | 1 LANE RESTRICTION PERMITTED | | | | | | | | | | | | | | | | |
| | EB | 1 LANE RESTRICTION PERMITTED | | | | | | | | | | | | | | | NO LANE RESTRICTIONS PERMITTED | | | 1 LANE RESTRICTION PERMITTED | | | | | | |

NOTE: SEE SPECIAL PROVISION ENTITLED PEAK HOURS RESTRICTIONS.

| | | | | | | | | | | |
|--|-------------------------------|------------|-----------|---|---|--------------------|---------------------|--------------|---------------------------|--------------|
| FILE NAME * | USER NAME * herbaughrd | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, COMMITMENTS EROSION & SEDIMENT CONTROL NOTES, LANE RESTRICTION SCHEDULE | F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| c:\pwork\pwork\herbaughrd\030826\0376F97-ahc-cover.dgn | DRAWN - | REVISED - | 270 | | | 60-11,2,3,4,5,6J-1 | MADISON | 33 | 3 | |
| *MODELNAME* | PLOT SCALE * 100,0000 / 1 in. | CHECKED - | REVISED - | | | CONTRACT NO. 76F97 | | | | |
| | PLOT DATE * 3/22/2013 | DATE - | REVISED - | | | SCALE: N/A | SHEET 2 OF 2 SHEETS | STA. TO STA. | ILLINOIS FED. AID PROJECT | |

| CODE NO. | ITEM | UNIT | TOTAL QUANTITY | CONSTRUCTION CODE | | | |
|----------|--|--------|----------------|---------------------------|--|--|--|
| | | | | 90% FED 10% ST 0021 | | | |
| | | | | | | | |
| 50300225 | CONCRETE STRUCTURES | CU YD | 0.1 | 0.1 | | | |
| | | | | | | | |
| 50800205 | REINFORCEMENT BARS, EPOXY COATED | POUND | 16.1 | 16.1 | | | |
| | | | | | | | |
| 63000001 | STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS | FOOT | 17,875 | 17,875 | | | |
| | | | | | | | |
| 63000003 | STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS | FOOT | 9,818.75 | 9,818.75 | | | |
| | | | | | | | |
| 63100045 | TRAFFIC BARRIER TERMINAL, TYPE 2 | EACH | 85 | 85 | | | |
| 63100070 | TRAFFIC BARRIER TERMINAL, TYPE 5 | EACH | 14 | 14 | | | |
| 63100085 | TRAFFIC BARRIER TERMINAL, TYPE 6 | EACH | 34 | 34 | | | |
| | | | | | | | |
| 63100089 | TRAFFIC BARRIER TERMINAL, TYPE 6B | EACH | 18 | 18 | | | |
| | | | | | | | |
| 63100105 | TRAFFIC BARRIER TERMINAL, TYPE 10 | EACH | 1 | 1 | | | |
| | | | | | | | |
| 63100167 | TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT | EACH | 101 | 101 | | | |
| | | | | | | | |
| 63100169 | TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED | EACH | 3 | 3 | | | |
| | | | | | | | |
| 64300260 | IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3 | EACH | 2 | 2 | | | |
| | | | | | | | |
| 64300450 | IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 3 | EACH | 6 | 6 | | | |
| | | | | | | | |
| 64301090 | ATTENUATOR BASE | SQ YD | 136.5 | 136.5 | | | |
| | | | | | | | |
| 67000400 | ENGINEER'S FIELD OFFICE | CAL MO | 15 | 15 | | | |
| | | | | | | | |

15

| CODE NO. | ITEM | UNIT | URBAN TOTAL QUANTITY | CONSTRUCTION CODE | | | | | | | | |
|---------------------|---|-----------------|-------------------------|-----------------------------|--|--|--|--|--|--|--|--|
| | | | | 90% FED. 10% ST. 0021 | | | | | | | | |
| 67100100 | MOBILIZATION | L SUM | 1 | 1 | | | | | | | | |
| 70100205 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701401 | EACH | 107 | 107 | | | | | | | | |
| 70100420 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701411 | EACH | 33 | 33 | | | | | | | | |
| 70106800 | CHANGEABLE MESSAGE SIGN | CAL MO | 30 | 30 | | | | | | | | |
| 70200100 | NIGHTTIME WORK ZONE LIGHTING | L SUM | 1 | 1 | | | | | | | | |
| 78200410 | GUARDRAIL MARKERS, TYPE A | EACH | 450 | 450 | | | | | | | | |
| 78201000 | TERMINAL MARKER - DIRECT APPLIED | EACH | 104 | 104 | | | | | | | | |
| 80300110 | LOCATING UNDERGROUND CABLE, SPECIAL | EACH | 140 | 140 | | | | | | | | |
| X0323583 | SPEED INDICATOR SIGN | CAL DA | 455 | 455 | | | | | | | | |
| X6320100 | GUARDRAIL REMOVAL, SPECIAL | FOOT | 35100.5 | 35100.5 | | | | | | | | |
| X6430110 | REMOVE IMPACT ATTENUATORS, SALVAGE | EACH | 2 | 2 | | | | | | | | |
| X6431120 | REMOVE IMPACT ATTENUATOR SAND MODULE | EACH | 6 | 6 | | | | | | | | |
| X8030110 | LOCATING UNDERGROUND CABLE, SPECIAL | EACH | 136 | 136 | | | | | | | | |
| +Z0076600 | TRAINEES | HOUR | 500 | 500 | | | | | | | | |
| +Z0076604 | TRAINEES, TRAINING PROGRAM GRADUATE | HOUR | 500 | 500 | | | | | | | | |

X
15
+00.42

BARRIER PLACEMENT SCHEDULE (1 OF 3)

| STATION TO STATION | LOCATION | GUARDRAIL PLACEMENT OFFSET | NEW | UPDATING | STEEL PLATE BEAM GUARDRAIL TYPE A, | | GUARDRAIL MARKERS, TYPE A | TRAFFIC BARRIER TERMINAL, | | | | | | TERMINAL MARKER - DIRECT APPLIED | IMPACT ATTENUATORS | | ATTENUATOR BASE SO YD | LOCATING UNDERGROUND CABLE, SPECIAL EACH | REMARKS | |
|--------------------------------|----------|--|-------|----------|------------------------------------|--------------|---------------------------|---------------------------|--------|--------|---------|---------|------------------|----------------------------------|---|---------------------------------|-----------------------|--|----------|------|
| | | | | | 6 FOOT POSTS | 9 FOOT POSTS | | TYPE 2 | TYPE 5 | TYPE 6 | TYPE 6B | TYPE 10 | TYPE 1 (SPECIAL) | | (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3 | (NON-REDIRECTIVE), TEST LEVEL 3 | | | | |
| | | | | | FOOT | FOOT | | EACH | EACH | EACH | EACH | EACH | TANGENT EACH | | FLARED EACH | EACH | | | | EACH |
| STA. 233+94.0 TO STA. 235+35.7 | EB | OUTSIDE | 7.3 | X | | 112.5 | 2 | 1 | 1 | | | | | | | | | 1 | | |
| STA. 234+23.4 TO STA. 237+65.1 | EB | INSIDE | 10 | X | 312.5 | | 4 | 1 | 1 | | | | | | | | | 1 | | |
| STA. 234+13.0 TO STA. 239+83.7 | WB | INSIDE | 7.2 | X | 471.875 | | 5 | | | 1 | | 1 | 1 | | | | | 1 | | |
| STA. 234+26.5 TO STA. 236+22.8 | WB | OUTSIDE | 7.2 | X | | 103.125 | 2 | | | 1 | | 1 | 1 | | | | | 1 | | |
| STA. 249+47.2 TO STA. 252+52.3 | WB | INSIDE | 8.6 | X | 240.625 | | 3 | 1 | | | | 1 | 1 | | | | | 1 | | |
| STA. 252+03.1 TO STA. 255+24.6 | EB | INSIDE | 7.2 | X | 228.125 | | 3 | | | 1 | | 1 | 1 | | | | | 1 | | |
| STA. 252+13.1 TO STA. 255+35.9 | EB | OUTSIDE | 10 | X | | 228.125 | 3 | | | 1 | | 1 | 1 | | | | | 1 | | |
| STA. 258+25.5 TO STA. 261+32.8 | WB | OUTSIDE | 10.1 | X | | 215.625 | 3 | | | 1 | | 1 | 1 | | | | | 1 | | |
| STA. 258+37.9 TO STA. 260+52.5 | WB | INSIDE | 7.2 | X | 121.875 | | 4 | | | 1 | | 1 | 1 | | | | | 1 | | |
| STA. 297+66.1 TO STA. 299+46.0 | EB | INSIDE | 7.2 | X | 115.625 | | 4 | 1 | | | | 1 | 1 | | | | | 1 | | |
| STA. 297+98.1 TO STA. 299+65.3 | EB | OUTSIDE | 8 | X | 103.125 | | 4 | 1 | | | | 1 | 1 | | | | | 1 | | |
| STA. 304+55.9 | EB | MAINLINE (OUTSIDE)/ RAMP LANE (INSIDE) | --- | X | | | | | | | | | | | 1 | | | 1 | | |
| STA. 307+54.5 TO STA. 309+14.8 | EB | OUTSIDE | 8 | X | 96.875 | | 4 | 1 | | | | 1 | 1 | | | | | 1 | | |
| STA. 307+94.9 TO STA. 309+24.8 | EB | INSIDE | 7.2 | X | 65.625 | | 4 | 1 | | | | 1 | 1 | | | | | 1 | | |
| STA. 314+67.6 TO STA. 318+01.3 | EB | INSIDE | 7.2 | X | 234.375 | | 3 | | | 1 | | 1 | 1 | | | | | 1 | | |
| STA. 315+67.4 TO STA. 318+28.1 | WB | OUTSIDE | 8 | X | | 237.5 | 3 | 1 | 1 | | | | | | | | | 1 | | |
| STA. 315+88.5 TO STA. 317+92.4 | WB | INSIDE | 7.2 | X | 175 | | 3 | 1 | 1 | | | | | | | | | 1 | | |
| STA. 316+33.6 TO STA. 317+86.1 | EB | OUTSIDE | 8 | X | | 59.375 | 1 | | | 1 | | 1 | 1 | | | | | 1 | | |
| STA. 323+01.7 TO STA. 334+65.8 | EB | RAMP OUTSIDE | 8 | X | | 1237.5 | 7 | | | 1 | | 1 | 1 | | | | | 1 | RAMP B-8 | |
| STA. 323+99.4 TO STA. 326+65.3 | EB | OUTSIDE | 8 | X | | 206.25 | 3 | 1 | | 1 | | | | | | | | 1 | | |
| STA. 324+22.0 TO STA. 334+17.0 | EB | INSIDE | 7.2 | X | 906.25 | | 6 | | | 1 | 1 | | | | | | | 1 | | |
| STA. 324+43.9 TO STA. 326+46.4 | WB | OUTSIDE | 8 | X | | 109.375 | 2 | | | 1 | | 1 | 1 | | | | | 1 | | |
| STA. 324+44.3 TO STA. 334+23.8 | WB | INSIDE | 7.2 | X | 881.25 | | 6 | | | 1 | 1 | | | | | | | 1 | | |
| STA. 331+07.6 TO STA. 334+21.2 | WB | OUTSIDE | 8 | X | | 256.25 | 4 | 1 | | | | 1 | 1 | | | | | 1 | | |
| STA. 337+23.6 TO STA. 340+26.4 | WB | OUTSIDE | 8.1 | X | | 203.125 | 3 | | | 1 | | 1 | 1 | | | | | 1 | | |
| STA. 337+51.9 TO STA. 339+43.0 | WB | INSIDE | 7.2 | X | 96.875 | | 2 | | | 1 | | 1 | 1 | | | | | 1 | | |
| STA. 341+67.6 | WB | MAINLINE (OUTSIDE)/ RAMP LANE (INSIDE) | --- | X | | | | | | | | | | | 1 | | | 1 | | |
| STA. 343+40.7 TO STA. 344+97.6 | WB | OUTSIDE | 8 | X | 90.625 | | 4 | 1 | | | | 1 | 1 | | | | | 1 | | |
| STA. 343+47.7 TO STA. 345+22.0 | WB | INSIDE | 5.1** | X | 109.375 | | 4 | 1 | | | | 1 | 1 | | | | | 1 | | |
| STA. 385+49.5 TO STA. 387+66.4 | EB | OUTSIDE | 6.9** | X | 153.125 | | 4 | 1 | | | | 1 | 1 | | | | | 1 | | |
| STA. 385+73.7 TO STA. 387+66.1 | EB | INSIDE | 6.5** | X | 128.125 | | 4 | 1 | | | | 1 | 1 | | | | | 1 | | |
| STA. 397+71.8 TO STA. 399+99.3 | EB | INSIDE | 10.5 | X | 134.375 | | 2 | | | 1 | | 1 | 1 | | | | | 1 | | |
| STA. 398+10.3 TO STA. 400+04.8 | EB | OUTSIDE | 4** | X | | 103.125 | 2 | | | 1 | | 1 | 1 | | | | | 1 | | |
| STA. 398+83.1 TO STA. 400+37.0 | WB | OUTSIDE | 4** | X | | 125 | 2 | 1 | 1 | | | | | | | | | 1 | | |
| STA. 402+52.9 TO STA. 404+06.8 | EB | OUTSIDE | 4** | X | X | 125 | 2 | 1 | 1 | | | | | | | | | 1 | | |
| STA. 402+67.0 TO STA. 404+60.4 | EB | INSIDE | 10.3 | X | 131.25 | | 2 | 1 | | | 1 | | | | | | | 1 | | |
| STA. 402+85.2 TO STA. 404+79.8 | WB | OUTSIDE | 4** | X | | 103.125 | 2 | | | 1 | | 1 | 1 | | | | | 1 | | |
| STA. 402+90.7 TO STA. 405+30.7 | WB | INSIDE | 10 | X | 146.875 | | 2 | | | 1 | | 1 | 1 | | | | | 1 | | |
| STA. 412+72.5 TO STA. 414+64.9 | EB | INSIDE | 10 | X | 128.125 | | 4 | 1 | | | | 1 | 1 | | | | | 1 | | |
| STA. 414+63.2 TO STA. 416+43.1 | WB | INSIDE | 10 | X | 115.625 | | 4 | 1 | | | | 1 | 1 | | | | | 1 | | |
| STA. 414+86.9 TO STA. 417+10.5 | WB | OUTSIDE | 10 | X | 159.375 | | 4 | 1 | | | | 1 | 1 | | | | | 1 | | |
| STA. 422+56.5 TO STA. 424+98.9 | EB | OUTSIDE | 10 | X | 178.125 | | 4 | 1 | | | | 1 | 1 | | | | | 1 | | |
| STA. 423+50.9 TO STA. 425+30.8 | EB | INSIDE | 10 | X | 115.625 | | 4 | 1 | | | | 1 | 1 | | | | | 1 | | |
| STA. 425+27.1 TO STA. 427+25.7 | WB | INSIDE | 10 | X | 134.375 | | 4 | 1 | | | | 1 | 1 | | | | | 1 | | |
| STA. 428+67.1 TO STA. 430+97.2 | WB | OUTSIDE | 10 | X | 165.625 | | 4 | 1 | | | | 1 | 1 | | | | | 1 | | |
| STA. 432+78.7 TO STA. 435+33.4 | EB | OUTSIDE | 10 | X | 190.625 | | 4 | 1 | | | | 1 | 1 | | | | | 1 | | |
| STA. 433+62.2 TO STA. 435+48.3 | EB | INSIDE | 10 | X | 121.875 | | 4 | 1 | | | | 1 | 1 | | | | | 1 | | |
| STA. 435+46.6 TO STA. 437+32.7 | WB | INSIDE | 10 | X | 121.875 | | 4 | 1 | | | | 1 | 1 | | | | | 1 | | |
| SUBTOTALS A | | | | 4 | 45 | 6375 | 3425 | 158 | 28 | 6 | 17 | 6 | 0 | 35 | 0 | 35 | 2 | 0 | 0 | 48 |

BARRIER PLACEMENT SCHEDULE (2 OF 3)

| LOCATION | | GUARDRAIL PLACEMENT OFFSET | NEW | UPDATING | STEEL PLATE BEAM GUARDRAIL TYPE A | | GUARDRAIL MARKERS, TYPE A | TRAFFIC BARRIER TERMINAL | | | | | | TERMINAL MARKER - DIRECT APPLIED | IMPACT ATTENUATORS | | ATTENUATOR BASE SQ YD | LOCATING UNDERGROUND CABLE, SPECIAL | REMARKS | |
|--------------------------------|--|----------------------------|-----|----------|-----------------------------------|--------------|---------------------------|--------------------------|--------|--------|---------|---------|------------------|----------------------------------|---|---------------------------------|-----------------------|-------------------------------------|---------|--------|
| | | | | | 6 FOOT POSTS | 9 FOOT POSTS | | TYPE 2 | TYPE 5 | TYPE 6 | TYPE 6B | TYPE 10 | TYPE 1 (SPECIAL) | | (FULLY-REDIRECTIVE, NARROW), TEST LEVEL 3 | (NON-REDIRECTIVE), TEST LEVEL 3 | | | | |
| | | | | | | | | | | | | | TANGENT | | | | | | | FLARED |
| STA. 443+08.0 TO STA. 445+25.2 | | EB | | | | 153.125 | | 4 | 1 | | | | | 1 | | | 1 | | | |
| STA. 445+21.9 | | EB | | X | | | | | | | | | | | 1 | 27.3* | 1 | | | |
| STA. 464+22.0 TO STA. 468+58.1 | | EB | | X | | 371.875 | | 5 | 1 | | | | 1 | | | | 1 | | | |
| STA. 464+37.5 TO STA. 468+61.1 | | EB | | X | | 359.375 | | 5 | 1 | | | | 1 | | | | 1 | | | |
| STA. 464+51.1 TO STA. 469+68.5 | | EB | | X | | 453.125 | | 5 | 1 | | | | 1 | | | | 1 | | | |
| STA. 466+13.2 TO STA. 470+80.6 | | WB | | X | | 403.125 | | 5 | 1 | | | | 1 | | | | 1 | | | |
| STA. 469+48.5 TO STA. 471+65.9 | | WB | | X | | 153.125 | | 4 | 1 | | | | 1 | | | | 1 | | | |
| STA. 470+91.7 | | EB | | X | | | | | | | | | | | 1 | 27.3* | 1 | | | |
| STA. 474+60.7 TO STA. 477+03.1 | | EB | | X | | 178.125 | | 4 | 1 | | | | 1 | | | | 1 | | | |
| STA. 474+80.8 TO STA. 477+10.7 | | EB | | X | | 165.625 | | 4 | 1 | | | | 1 | | | | 1 | | | |
| STA. 474+93.6 TO STA. 477+54.8 | | EB | | X | | 196.875 | | 4 | 1 | | | | 1 | | | | 1 | | | |
| STA. 476+28.7 TO STA. 478+83.7 | | WB | | X | | 203.125 | | 4 | 1 | | | | 1 | | | | 1 | | | |
| STA. 487+25.3 TO STA. 489+24.0 | | EB | | X | | 134.375 | | 4 | 1 | | | | 1 | | | | 1 | | | |
| STA. 489+24.1 TO STA. 490+79.0 | | WB | | X | | 90.625 | | 4 | 1 | | | | 1 | | | | 1 | | | |
| STA. 489+56.8 TO STA. 491+86.5 | | WB | | X | | 165.625 | | 4 | 1 | | | | 1 | | | | 1 | | | |
| STA. 508+50.2 | | EB | | X | | | | | | | | | | | 1 | 27.3* | 1 | | | |
| STA. 511+25.7 | | WB | | X | | | | | | | | | | | 1 | 27.3* | 1 | | | |
| STA. 513+44.7 TO STA. 515+97.1 | | EB | | X | | 153.125 | | 2 | | 1 | | | 1 | | | | 1 | | | |
| STA. 515+23.9 TO STA. 515+83.8 | | WB | | X | | | | 1 | 1 | | 1 | | | | | | 1 | | | |
| STA. 515+64.4 | | EB | | X | | | | | | | | | | | 1 | 27.3* | 1 | | | |
| STA. 516+02.9 TO STA. 521+67.9 | | WB | | X | | 465.625 | | 5 | | | 1 | | 1 | | | | 1 | | | |
| STA. 516+16.2 TO STA. 518+73.7 | | EB | | X | | 162.5 | | 2 | | | 1 | 1 | | | | | 1 | | | |
| STA. 518+66.7 TO STA. 520+77.8 | | WB | | X | | 146.875 | | 4 | 1 | | | | 1 | | | | 1 | | | |
| STA. 526+13.5 TO STA. 528+12.1 | | EB | | X | | 134.375 | | 4 | 1 | | | | 1 | | | | 1 | | | |
| STA. 528+39.6 | | WB | | X | | | | | | | | | | | 1 | | 1 | | | |
| STA. 528+48.2 TO STA. 530+59.3 | | WB | | X | | 146.875 | | 4 | 1 | | | | 1 | | | | 1 | | | |
| STA. 548+39.9 TO STA. 550+81.8 | | EB | | X | | 178.125 | | 4 | 1 | | | | 1 | | | | 1 | | | |
| STA. 551+36.8 TO STA. 553+35.5 | | WB | | X | | 134.375 | | 4 | 1 | | | | 1 | | | | 1 | | | |
| STA. 567+84.3 TO STA. 578+51.5 | | EB | | X | | 1003.125 | | 6 | 1 | | | | 1 | | | | 1 | | | |
| STA. 568+53.3 TO STA. 571+27.0 | | EB | | X | | 209.375 | | 4 | 1 | | | | 1 | | | | 1 | | | |
| STA. 569+91.5 TO STA. 572+58.9 | | WB | | X | | 203.125 | | 4 | 1 | | | | 1 | | | | 1 | | | |
| STA. 570+08.3 TO STA. 575+63.1 | | WB | | X | | 490.625 | | 5 | 1 | | | | 1 | | | | 1 | | | |
| STA. 576+65.1 TO STA. 578+63.8 | | EB | | X | | 134.375 | | 4 | 1 | | | | 1 | | | | 1 | | | |
| STA. 578+64.4 TO STA. 580+19.6 | | WB | | X | | 90.625 | | 4 | 1 | | | | 1 | | | | 1 | | | |
| STA. 578+68.8 TO STA. 580+80.8 | | WB | | X | | 146.875 | | 4 | 1 | | | | 1 | | | | 1 | | | |
| STA. 588+21.2 TO STA. 593+63.2 | | EB | | X | | 478.125 | | 5 | 1 | | | | 1 | | | | 1 | | | |
| STA. 633+84.1 TO STA. 637+14.0 | | EB | | X | | 265.625 | | 4 | 1 | | | | 1 | | | | 1 | | | |
| STA. 634+10.2 TO STA. 663+71.4 | | EB | | X | | 196.875 | | 4 | 1 | | | | 1 | | | | 1 | | | |
| STA. 636+53.6 TO STA. 642+21.4 | | WB | | X | | 503.125 | | 5 | 1 | | | | 1 | | | | 1 | | | |
| STA. 636+58.8 TO STA. 637+82.5 | | WB | | X | | 59.375 | | 4 | 1 | | | | 1 | | | | 1 | | | |
| STA. 641+62.4 TO STA. 645+46.1 | | EB | | X | | 290.625 | | 4 | | | 1 | | 1 | | | | 1 | | | |
| STA. 642+86.5 TO STA. 645+32.7 | | EB | | X | | 153.125 | | 2 | | | 1 | | 1 | | | | 1 | | | |
| STA. 644+74.2 TO STA. 645+03.1 | | WB | | X | | | | 1 | 1 | 1 | | | | | | | 1 | | | |
| STA. 647+96.6 TO STA. 651+24.1 | | WB | | X | | 234.375 | | 3 | | | 1 | | 1 | | | | 1 | | | |
| STA. 648+09.8 TO STA. 650+49.7 | | WB | | X | | 146.875 | | 2 | | | 1 | | 1 | | | | 1 | | | |
| STA. 648+39.6 TO STA. 648+68.5 | | EB | | X | | | | 1 | 1 | 1 | | | | | | | 1 | | | |
| STA. 661+46.1 TO STA. 664+64.1 | | EB | | X | | 215.625 | | 4 | | | 1 | | 1 | | | | 1 | | | |
| SUBTOTALS B | | | | 3 | 44 | 8215.625 | 1156.25 | 156 | 33 | 2 | 6 | 4 | 0 | 36 | 1 | 37 | 0 | 6 | 136.5 | 47 |

BARRIER PLACEMENT SCHEDULE (3 OF 3)

| LOCATION | GUARDRAIL PLACEMENT OFFSET | NEW | UPDATING | STEEL PLATE BEAM GUARDRAIL TYPE A, | | GUARDRAIL MARKERS, TYPE A | TRAFFIC BARRIER TERMINAL, | | | | | | TERMINAL MARKER - DIRECT APPLIED | IMPACT ATTENUATORS | | ATTENUATOR BASE SQ YD | LOCATING UNDERGROUND CABLE, SPECIAL EACH | REMARKS | | | |
|--------------------------------|----------------------------|---------|------------|------------------------------------|--------------|---------------------------|---------------------------|--------|--------|---------|---------|------------------|----------------------------------|---|---------------------------------|-----------------------|--|---------|--------|-----|--|
| | | | | 6 FOOT POSTS | 9 FOOT POSTS | | TYPE 2 | TYPE 5 | TYPE 6 | TYPE 6B | TYPE 10 | TYPE 1 (SPECIAL) | | (FULLY-REDIRECTIVE, NARROW), TEST LEVEL 3 | (NON-REDIRECTIVE), TEST LEVEL 3 | | | | | | |
| | | | | FOOT | FOOT | | | | | | | TANGENT | | | | | | | FLARED | | |
| STA. 663+66.9 TO STA. 664+71.9 | EB | INSIDE | 26.3 | X | 40.625 | | 4 | 1 | | | | | 1 | | | | | 1 | | | |
| STA. 664+50.5 TO STA. 668+34.1 | WB | OUTSIDE | 9.9 | X | 296.875 | | 4 | | | | 1 | | 1 | | | | | | 1 | | |
| STA. 664+77.7 TO STA. 667+20.1 | WB | INSIDE | 8.6 | X | 178.125 | | 4 | 1 | | | | | 1 | | | | | | 1 | | |
| STA. 682+28.2 TO STA. 686+36.9 | EB | OUTSIDE | 10 | X | | 315.625 | 4 | | | | | | 1 | | | | | | 1 | | |
| STA. 684+09.4 TO STA. 686+49.4 | EB | INSIDE | 8.6 | X | 146.875 | | 2 | | | | | | 1 | | | | | | 1 | | |
| STA. 686+36.0 TO STA. 686+64.9 | WB | INSIDE | 6.7** | X | | | 1 | 1 | 1 | | | | | | | | | | 1 | | |
| STA. 686+48.2 TO STA. 686+77.2 | WB | OUTSIDE | 10.9 | X | | | 1 | 1 | 1 | | | | | | | | | | 1 | | |
| STA. 689+57.4 TO STA. 690+17.4 | EB | OUTSIDE | 10.4 | X | | | 1 | 1 | | | | | | | | | | | 1 | | |
| STA. 689+72.5 TO STA. 690+01.4 | EB | INSIDE | 6.5** | X | | | 1 | 1 | 1 | | | | | | | | | | 1 | | |
| STA. 689+88.0 TO STA. 692+27.9 | WB | INSIDE | 8.6 | X | 146.875 | | 2 | | | | | | | 1 | | | | | 1 | | |
| STA. 690+00.2 TO STA. 693+09.0 | WB | OUTSIDE | 10.7 | X | | 215.625 | 3 | | | | | | 1 | | | | | | 1 | | |
| STA. 700+49.5 TO STA. 702+85.2 | EB | OUTSIDE | 8.6 | X | 165.625 | | 4 | 1 | | | | | 1 | | | | | | 1 | | |
| STA. 700+88.9 TO STA. 702+89.4 | EB | INSIDE | 8.6 | X | 134.375 | | 4 | 1 | | | | | 1 | | | | | | 1 | | |
| STA. 715+58.5 TO STA. 717+25.9 | EB | INSIDE | 25.9 | X | 103.125 | | 4 | 1 | | | | | 1 | | | | | | 1 | | |
| STA. 716+72.4 TO STA. 719+71.0 | WB | INSIDE | 8.6 | X | 234.375 | | 4 | 1 | | | | | | 1 | | | | | 1 | | |
| STA. 727+29.2 TO STA. 731+28.5 | EB | OUTSIDE | 10 | X | 303.125 | | 4 | | | | | | 1 | | | | | | 1 | | |
| STA. 729+99.1 TO STA. 731+10.2 | EB | INSIDE | 26 | X | 46.875 | | 4 | 1 | | | | | 1 | | | | | | 1 | | |
| STA. 730+65.5 TO STA. 734+45.1 | WB | OUTSIDE | 10 | X | 278.125 | | 4 | | | | | | 1 | | | | | | 1 | | |
| STA. 731+23.7 TO STA. 733+54.0 | WB | INSIDE | 8.6 | X | 165.625 | | 4 | 1 | | | | | 1 | | | | | | 1 | | |
| STA. 781+15.6 TO STA. 782+08.0 | EB | INSIDE | 28.6 | X | 28.125 | | 4 | 1 | | | | | 1 | | | | | | 1 | | |
| STA. 781+21.9 TO STA. 782+08.0 | EB | OUTSIDE | 30 | X | 21.875 | | 4 | 1 | | | | | 1 | | | | | | 1 | | |
| STA. 781+87.0 TO STA. 782+85.6 | WB | INSIDE | 24.63 | X | 34.375 | | 4 | 1 | | | | | 1 | | | | | | 1 | | |
| STA. 786+59.2 TO STA. 795+14.8 | EB | OUTSIDE | 9 | X | | 762.5 | 5 | | | | | | 1 | | | | | | 1 | | |
| STA. 792+27.2 TO STA. 794+31.1 | WB | OUTSIDE | 10 | X | | 175 | 3 | 1 | 1 | | | | | | | | | | 1 | | |
| STA. 792+50.3 TO STA. 794+90.2 | EB | INSIDE | 8.6 | X | 146.875 | | 2 | | | | | | 1 | | | | | | 1 | | |
| STA. 797+04.8 TO STA. 810+00.9 | WB | OUTSIDE | 9.6 | X | | 1200 | 7 | | | | | | 1 | | | | | | 1 | | |
| STA. 797+30.5 TO STA. 799+70.5 | WB | INSIDE | 8.6 | X | 146.875 | | 2 | | | | | | 1 | | | | | | 1 | | |
| STA. 797+88.9 TO STA. 808+16.0 | EB | OUTSIDE | 10 | X | | 1000 | 6 | 1 | 1 | | | | | | | | | | 1 | | |
| STA. 840+36.8 TO STA. 842+16.7 | EB | INSIDE | 5.7** | X | 115.625 | | 4 | 1 | | | | | 1 | | | | | | 1 | | |
| STA. 840+62.4 TO STA. 842+17.1 | EB | OUTSIDE | 8 | X | 90.625 | | 4 | 1 | | | | | 1 | | | | | | 1 | | |
| STA. 855+82.0 TO STA. 858+50.5 | EB | OUTSIDE | 4.8 TO 8** | X | | 165.625 | 2 | | | | | | 1 | | | | | | 1 | | |
| STA. 856+23.3 TO STA. 858+58.1 | EB | INSIDE | 8.6 | X | 134.375 | | 2 | | | | | | 1 | | | | | | 1 | | |
| STA. 860+67.9 TO STA. 862+41.9 | EB | OUTSIDE | 8.6 | X | | 150 | 2 | 1 | | | | | 1 | | | | | | 1 | | |
| STA. 860+81.5 TO STA. 865+05.8 | WB | INSIDE | 8.6 | X | 325 | | 4 | | | | | | 1 | | | | | | 1 | | |
| STA. 860+95.5 TO STA. 864+17.1 | WB | OUTSIDE | 8.6 | X | | 228.125 | 3 | | | | | | 1 | | | | | | 1 | | |
| STA. 866+61.2 TO STA. 871+51.0 | EB | OUTSIDE | 10 | X | | 396.875 | 5 | | | | | | 1 | | | | | | 1 | | |
| STA. 868+41.9 TO STA. 872+08.6 | EB | INSIDE | 6** | X | | 271.875 | 4 | | | | | | 1 | | | | | | 1 | | |
| STA. 873+92.6 TO STA. 875+86.0 | WB | OUTSIDE | 8 | X | | 128.125 | 4 | 1 | | | | | 1 | | | | | | 1 | | |
| STA. 873+99.5 TO STA. 876+41.2 | WB | INSIDE | 6.1** | X | | 178.125 | 4 | 1 | | | | | 1 | | | | | | 1 | | |
| STA. 874+02.9 TO STA. 874+65.4 | EB | OUTSIDE | 10 | X | | | 1 | 1 | | | | | | | | | | | 1 | | |
| STA. 874+96.4 TO STA. 875+94.8 | EB | INSIDE | 6.5** | X | | 50 | 1 | 1 | 1 | | | | | | | | | | 1 | | |
| SUBTOTALS C | | | | 2 | 39 | 3284.375 | 5237.5 | 136 | 24 | 6 | 11 | 8 | 1 | 30 | 2 | 32 | 0 | 0 | 0 | 41 | |
| SUBTOTALS A | | | | 4 | 45 | 6375 | 3425 | 158 | 28 | 6 | 17 | 6 | 0 | 35 | 0 | 35 | 2 | 0 | 0 | 48 | |
| SUBTOTALS B | | | | 3 | 44 | 8215.625 | 1156.25 | 156 | 33 | 2 | 6 | 4 | 0 | 36 | 1 | 37 | 0 | 6 | 136.5 | 47 | |
| SUBTOTALS C | | | | 2 | 39 | 3284.375 | 5237.5 | 136 | 24 | 6 | 11 | 8 | 1 | 30 | 2 | 32 | 0 | 0 | 0 | 41 | |
| TOTALS | | | | 9 | 128 | 17875 | 9818.75 | 450 | 85 | 14 | 34 | 18 | 1 | 101 | 3 | 104 | 2 | 6 | 136.5 | 136 | |

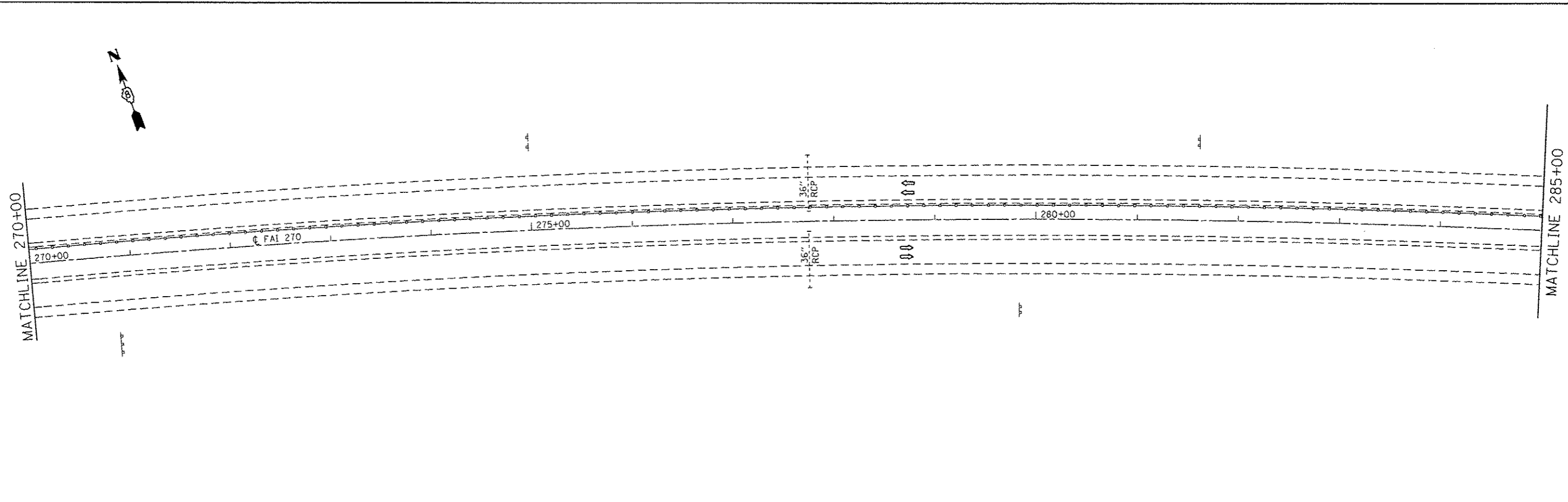
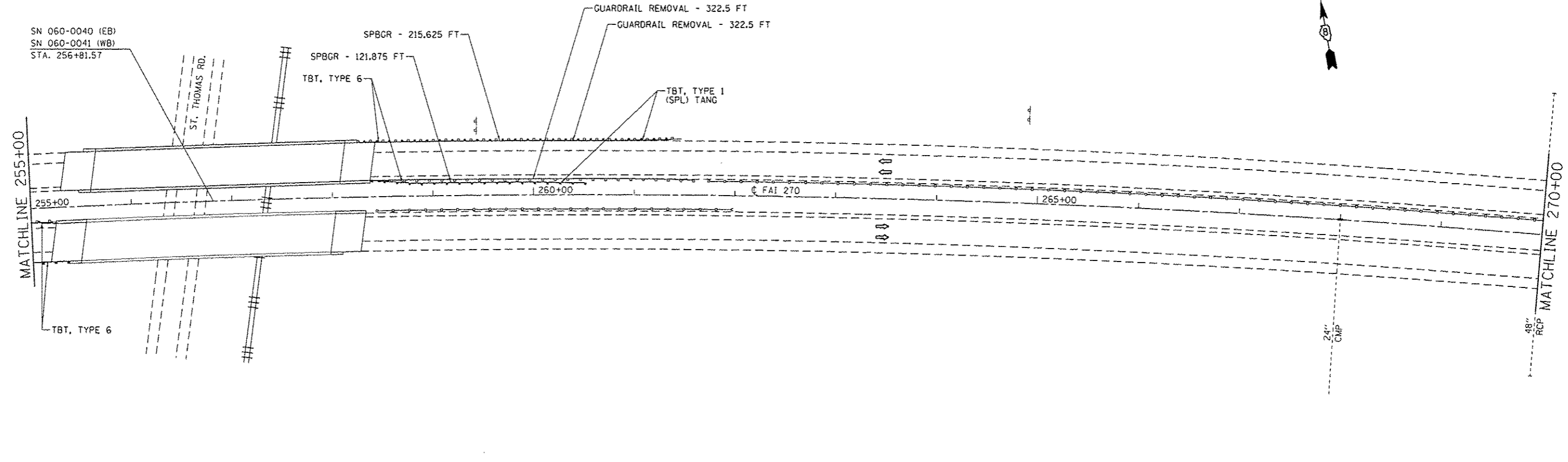
*CHECK EXISTING BASE WITH MANUFACTURER REQUIREMENTS.

**GUARDRAIL PLACEMENT OFFSET IS THE SUGGESTED OFFSET FOR THE PLACEMENT OF THE GUARDRAIL. THE MINIMUM DESIRABLE OFFSET FROM STA. 232+77.75 TO STA. 364+91.50 IS 7.2 FT AND THE MINIMUM DESIRABLE OFFSET FROM STA. 364+91.50 TO STA. 888+20.5 IS 8.6 FT.

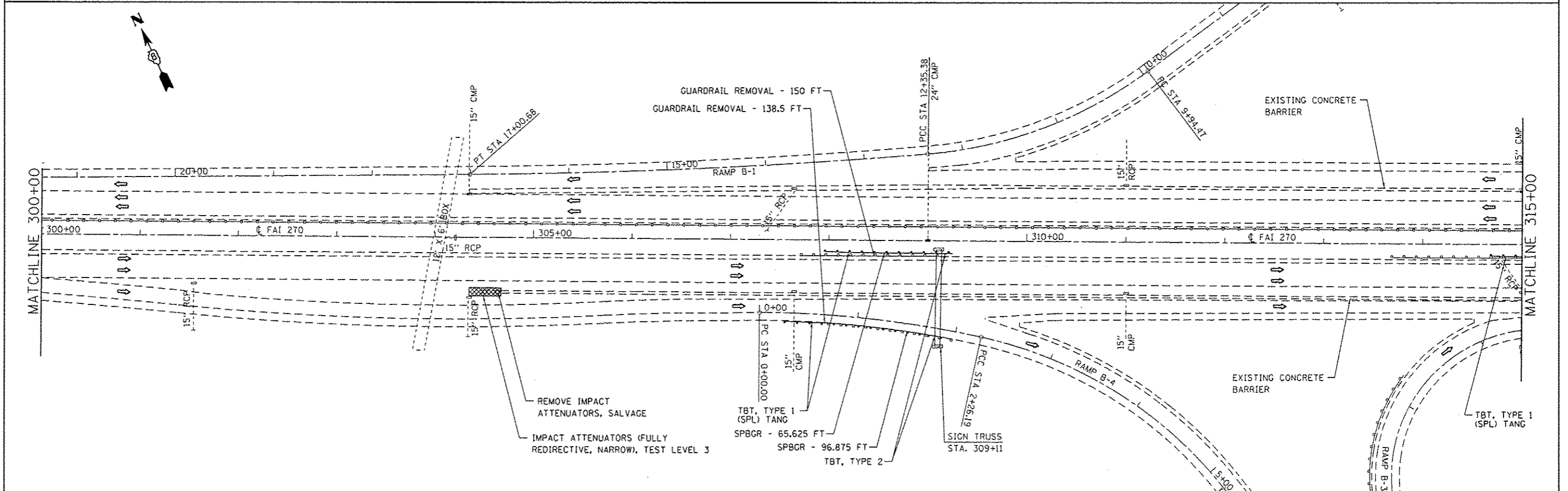
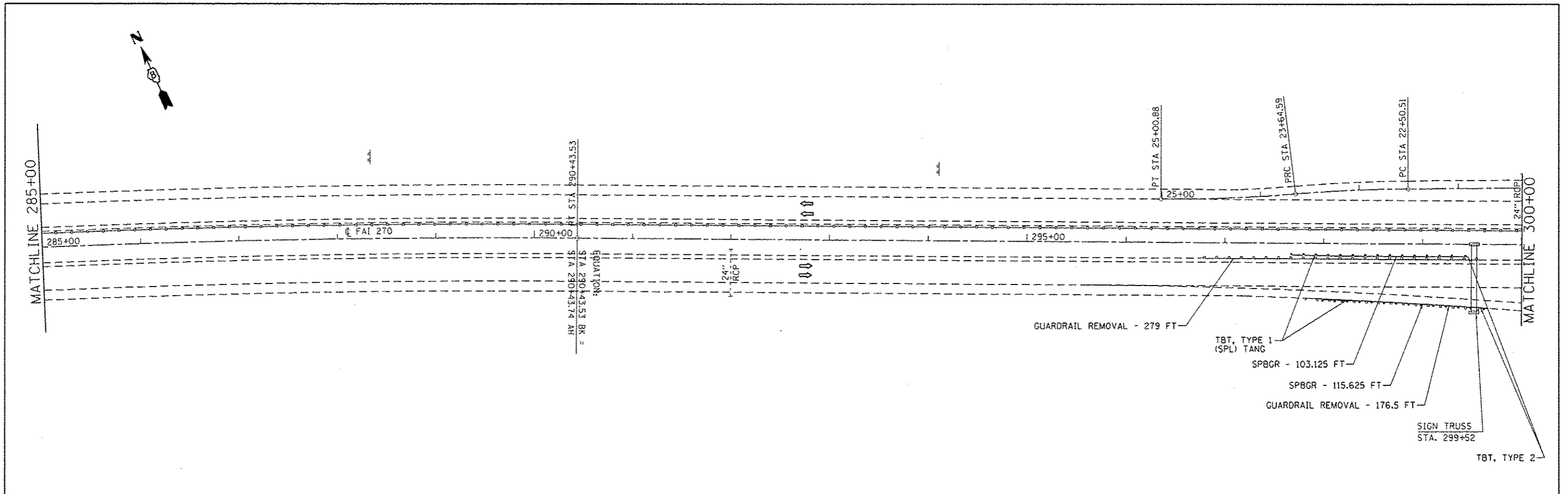
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|--|-------------------------------|------------|-----------|---|------------------------|---------------------|---------|-------------|---------------------------|--------|--------------|-----------|
| FILE NAME = | USER NAME = herbaughd | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | SCHEDULE OF QUANTITIES | | | F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| c:\p\work\p\work\herbaugh-d\0308620\037697-ah-t-schedule.dgn | | DRAWN - | REVISED - | | 270 | 60-(1,2,3,4,5,6)-1 | MADISON | 33 | 8 | | | |
| MODELNAME = | PLOT SCALE = 100.0000 / 1 in. | CHECKED - | REVISED - | | SCALE: N/A | SHEET 3 OF 4 SHEETS | STA. | TO STA. | ILLINOIS FED. AID PROJECT | | | |
| | PLOT DATE = 5/2/2013 | DATE - | REVISED - | | CONTRACT NO. 76F97 | | | | | | | |



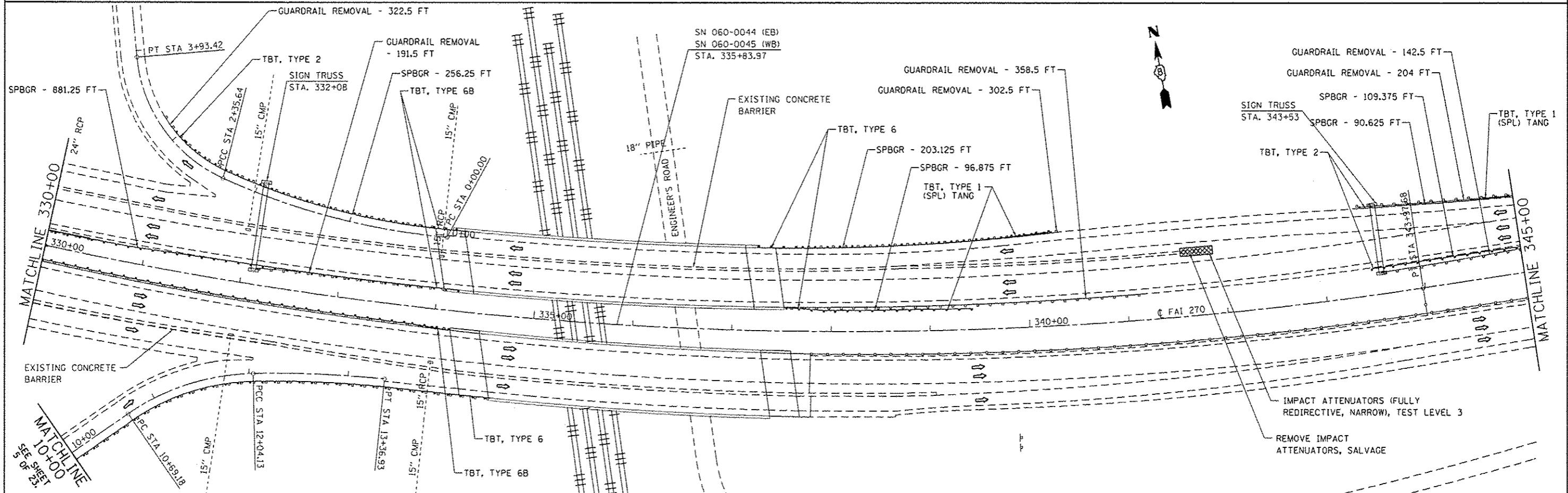
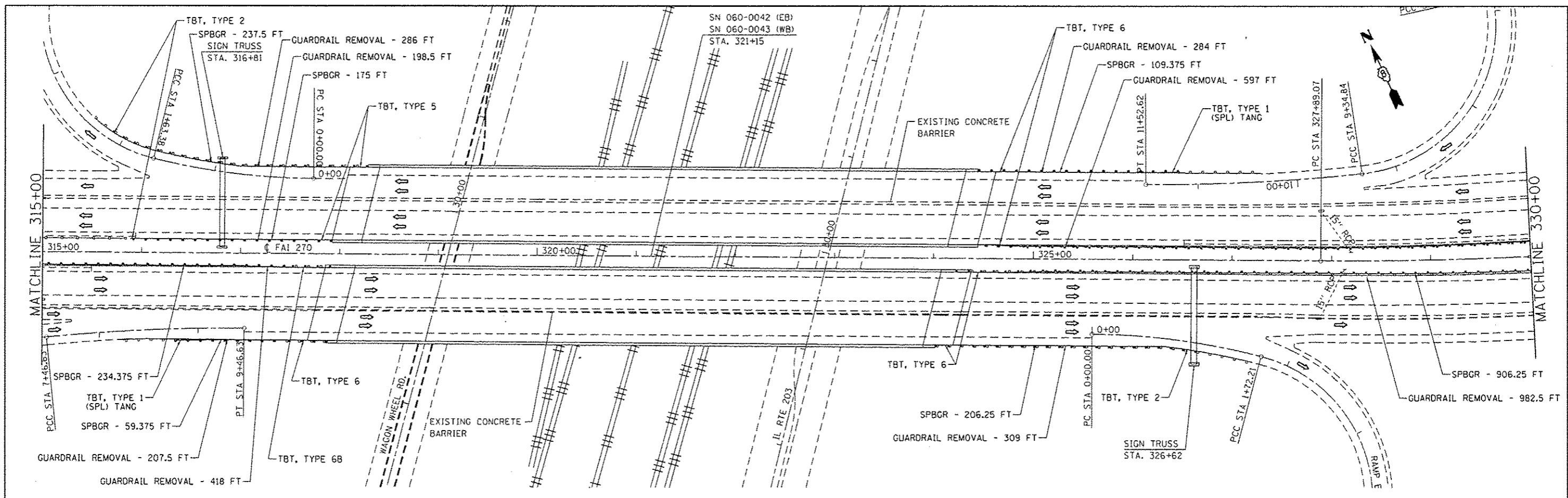
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SN 060-0041 (WB)
STA. 256+81.57



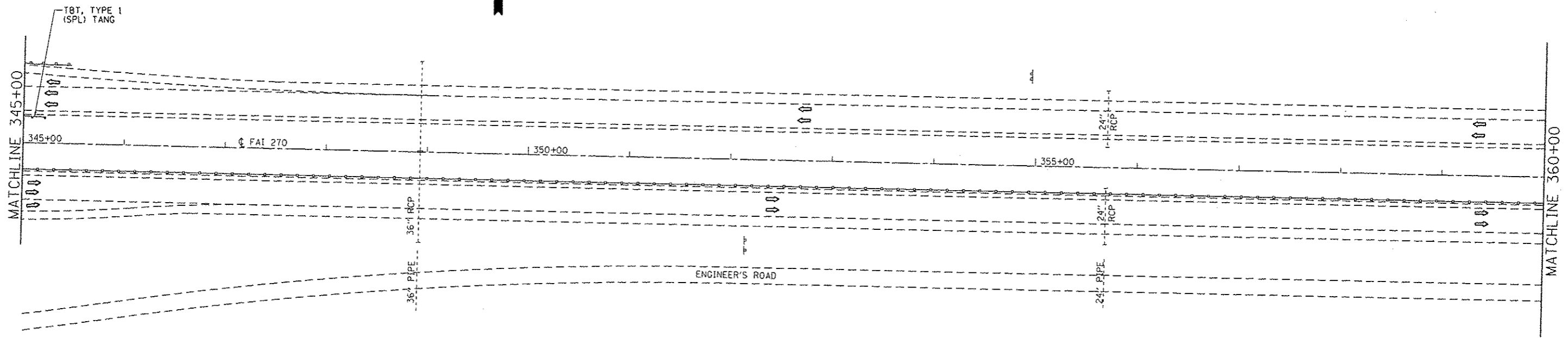
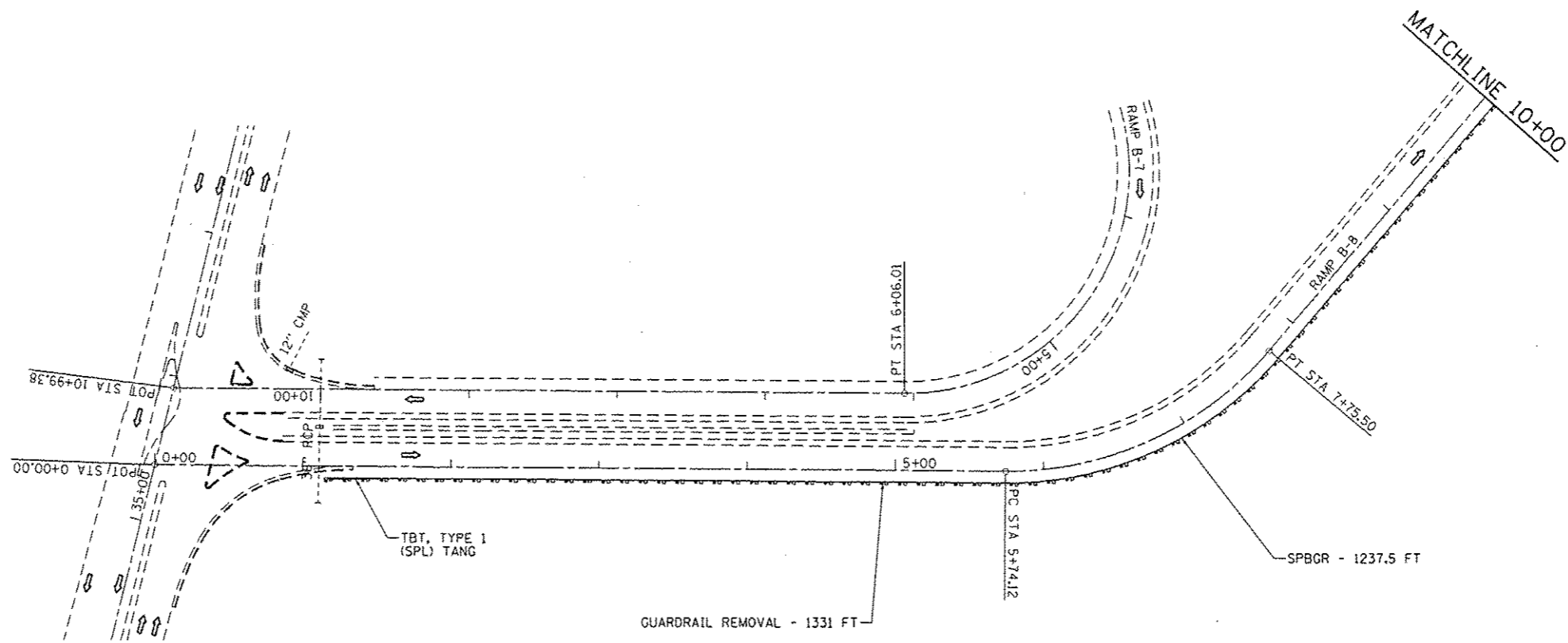
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| | PLOT SCALE = 1/8" = 100' | DRAWN - | REVISED - | | SCALE: N/A | SHEET NO. 2 OF 23 SHEETS | STA. 255+00 TO STA. 285+00 | CONTRACT NO. 76F97 | | | | |
| PLOT DATE = 5/1/2013 | CHECKED - | REVISED - | FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | | | | | | |
| | DATE - | REVISED - | | | | | | | | | | |



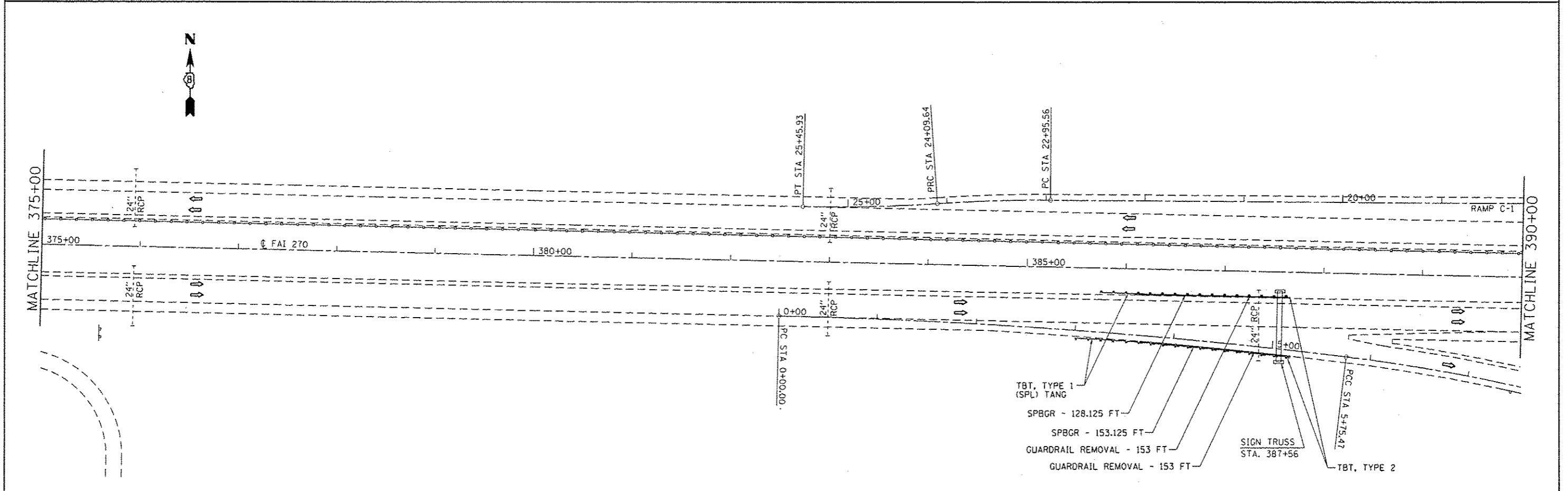
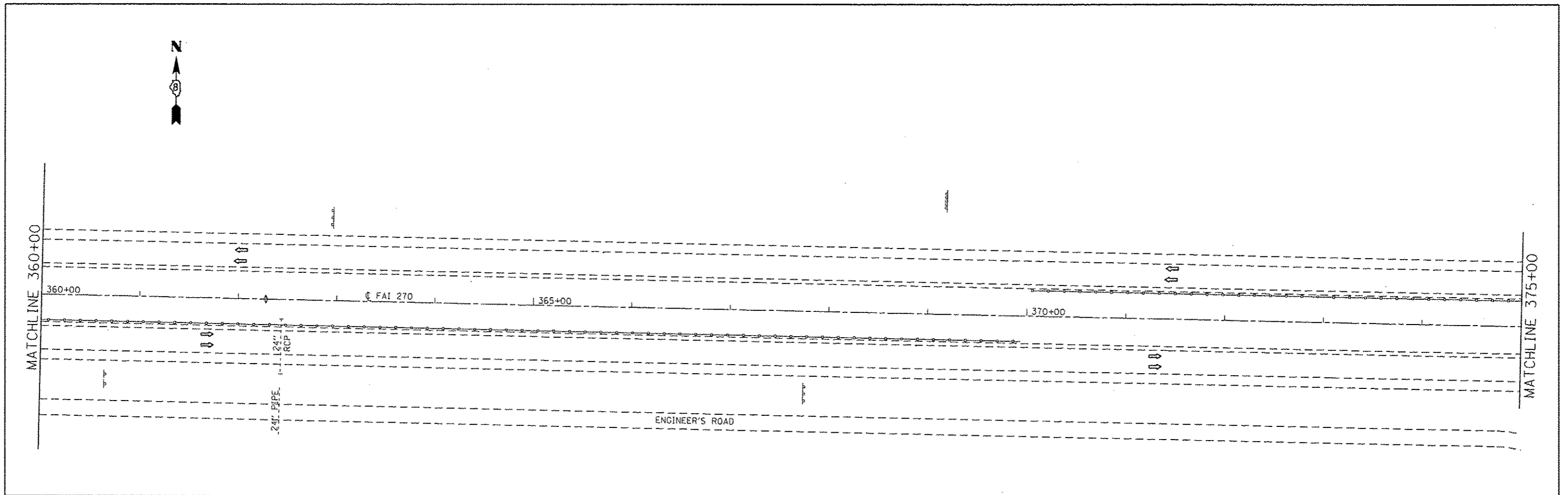
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|--|-----------------------------|------------|-----------|---|-------------------|--------------------------|----------------------------|--------------------|--------------------------------|---------------------|---------------------------|-----------------|
| FILE NAME : c:\p\work\p\idoc\harbaugh\d\0308628\d\76197-ah1-plan2.dgn | USER NAME : harbaugh | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PLAN SHEET | | | F.A.I. RTE. 270 | SECTION 60-(1,2,3,4,5,6)J-1 | COUNTY MADISON | TOTAL SHEETS 33 | SHEET NO. 12 |
| | PLOT SCALE : 100.0000 / in. | DRAWN - | REVISED - | | SCALE: N/A | SHEET NO. 3 OF 23 SHEETS | STA. 285+00 TO STA. 315+00 | CONTRACT NO. 76F97 | | FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | |
| PLOT DATE : 5/1/2013 | CHECKED - | REVISED - | | | | | | | | | | |
| | DATE - | REVISED - | | | | | | | | | | |



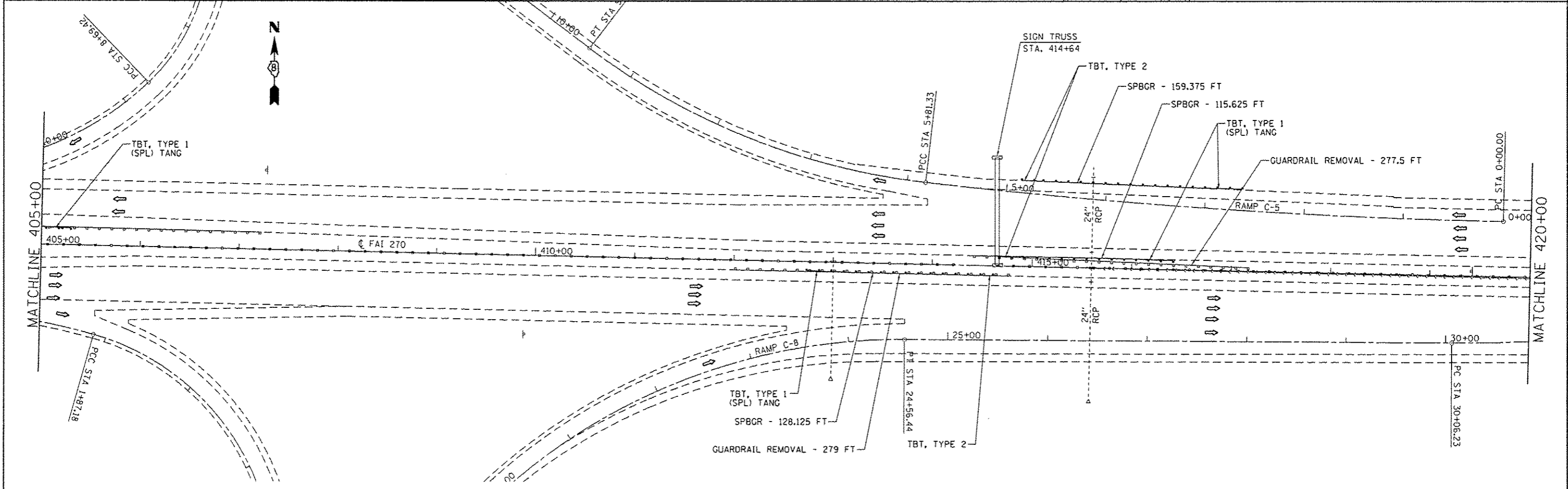
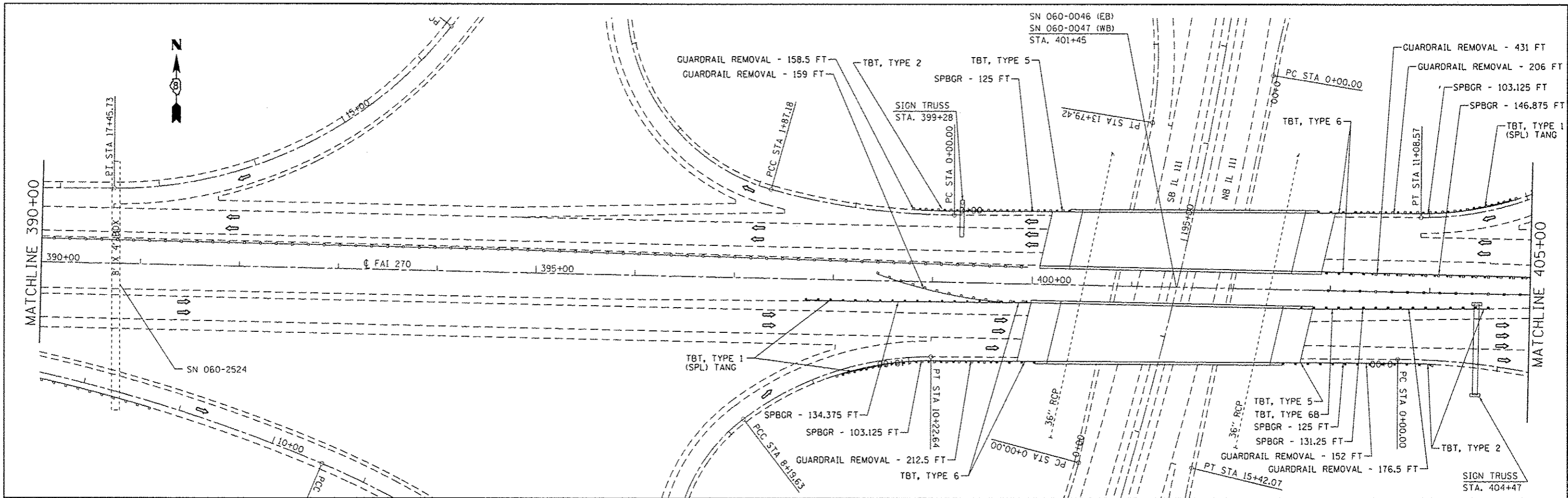
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|---|-----------------------|------------|-----------|---|---------------------|--------------------|---------------------------|---------|----------------------------|--------------|--------------------|--|
| FILE NAME = | USER NAME = harbaughd | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PLAN SHEET | | F.A.I. R.T.E. = | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| c:\pwwork\pwwork\harbaughd\09308628\1076197\act-plan2.dgn | | DRAWN - | REVISED - | | 270 | 60-(1,2,3,4,5,6)-1 | MADISON | 33 | 13 | | | |
| PLT SCALE = 1/8"=2000' / in. | | CHECKED - | REVISED - | | SCALE: N/A | | SHEET NO. 4 OF 23 SHEETS | | STA. 315+00 TO STA. 345+00 | | CONTRACT NO. 76F97 | |
| PLT DATE = 5/1/2013 | | DATE - | REVISED - | | FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | | | | |



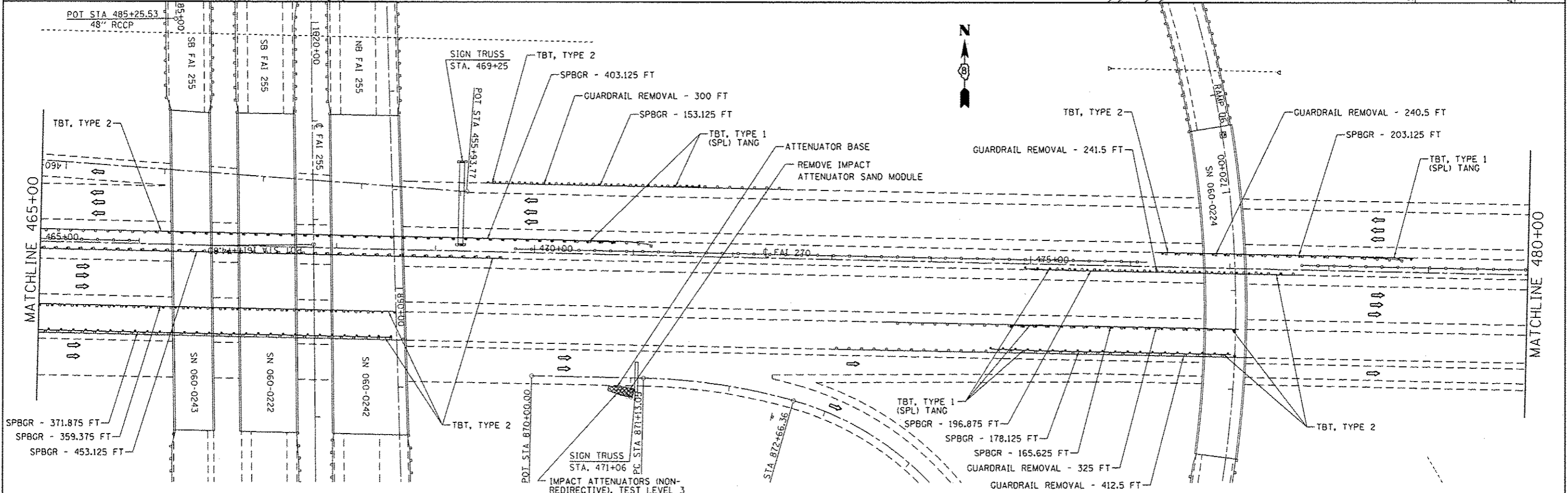
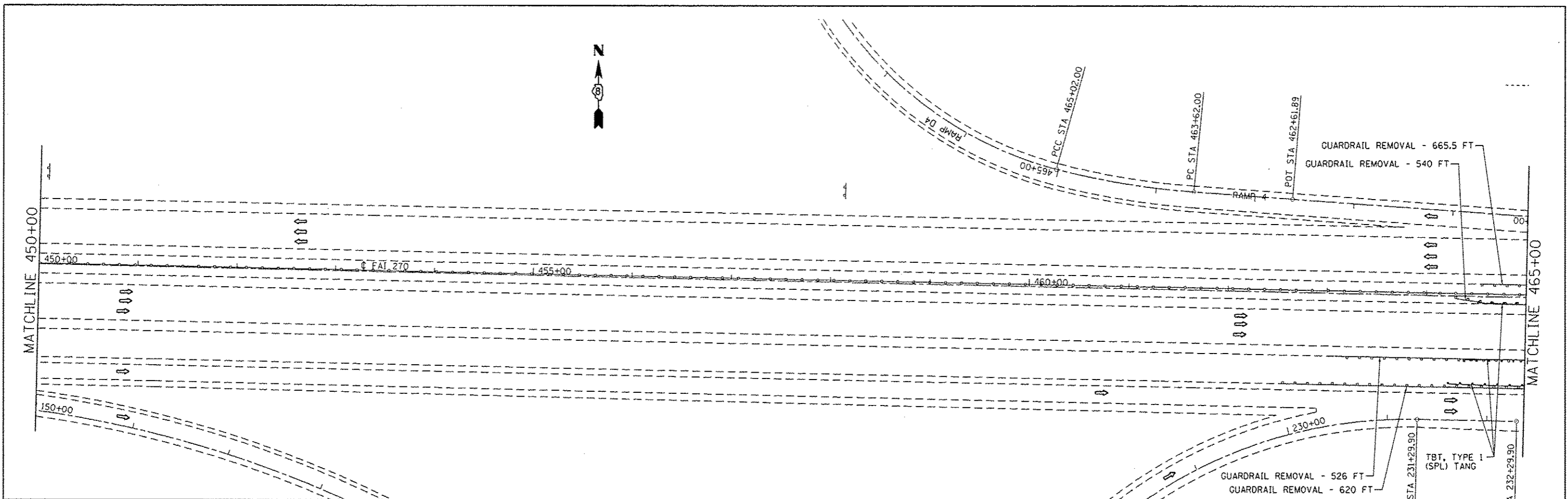
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|---|-------------------------------|------------|---------------------|---|---------------------------|----------------------------|--------------------|---------|--------|--------------|-----------|
| FILE NAME = c:\pwwork\pwwork\herbaugh\rd\0308620\76f97.sht:plan2.dgn | USER NAME = herbaugh | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PLAN SHEET | | F.A.I. R.T.C. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | PLOT SCALE = 100.0000 / 1 in. | DRAWN - | REVISED - | | 270 | 60-(1,2,3,4,5,6)J-1 | MADISON | 33 | 14 | | |
| PLOT DATE = 5/1/2013 | CHECKED - | REVISED - | SCALE: N/A | | SHEET NO. 5 OF 23 SHEETS | STA. 345+00 TO STA. 360+00 | CONTRACT NO. 76F97 | | | | |
| | DATE - | REVISED - | FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | | | | | |



| | | | | | | | | | | | | |
|--|---------------------------------|------------|-----------|---|-------------------|--------------------------|----------------------------|--------------------|---------------------------------|---------------------------|--------------------|-----------------|
| FILE NAME = c:\pwwork\p1dot\harbaugh\030828\076f97-ah-plan2.dgn | USER NAME = harbaugh | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PLAN SHEET | | | F.A.I. RTE. 270 | SECTION 60-1(1,2,3,4,5,6)J-1 | COUNTY MADISON | TOTAL SHEETS 33 | SHEET NO. 15 |
| | PLOT SCALE = 100.0000 1/8" = 1' | CHECKED - | REVISED - | | SCALE: N/A | SHEET NO. 6 OF 23 SHEETS | STA. 360+00 TO STA. 390+00 | CONTRACT NO. 76F97 | | ILLINOIS FED. AID PROJECT | | |
| | PLOT DATE = 5/1/2013 | DATE - | REVISED - | | | | | | | | | |
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|---|--|------------|-----------|---|-------------------|--------------------------|----------------------------|---|-------------------|---------|--------------|-----------|
| FILE NAME = | USER NAME = herbaughd | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PLAN SHEET | | | F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| c:\pwork\p1dot\herbaughd\0388628\076197-sht-plan2.dgn | | DRAWN - | REVISED - | | SCALE: N/A | SHEET NO. 7 OF 23 SHEETS | STA. 390+00 TO STA. 420+00 | 270 | 60+1,2,3,4,5,6J-1 | MADISON | 33 | 16 |
| | | CHECKED - | REVISED - | | | | | CONTRACT NO. 76F97 | | | | |
| | | DATE - | REVISED - | | | | | FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT | | | | |
| | PLOT SCALE = 1/80.0000 "/td> <td></td> <td></td> <td colspan="8"></td> | | | | | | | | | | | |
| | PLOT DATE = 5/1/2013 | | | | | | | | | | | |

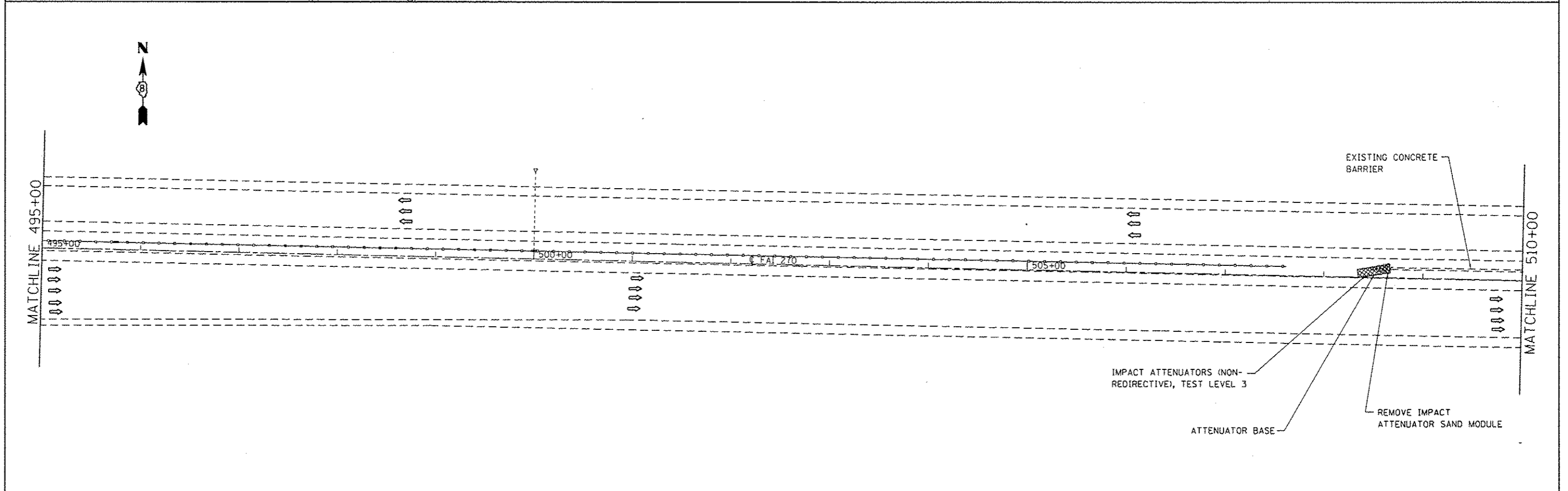
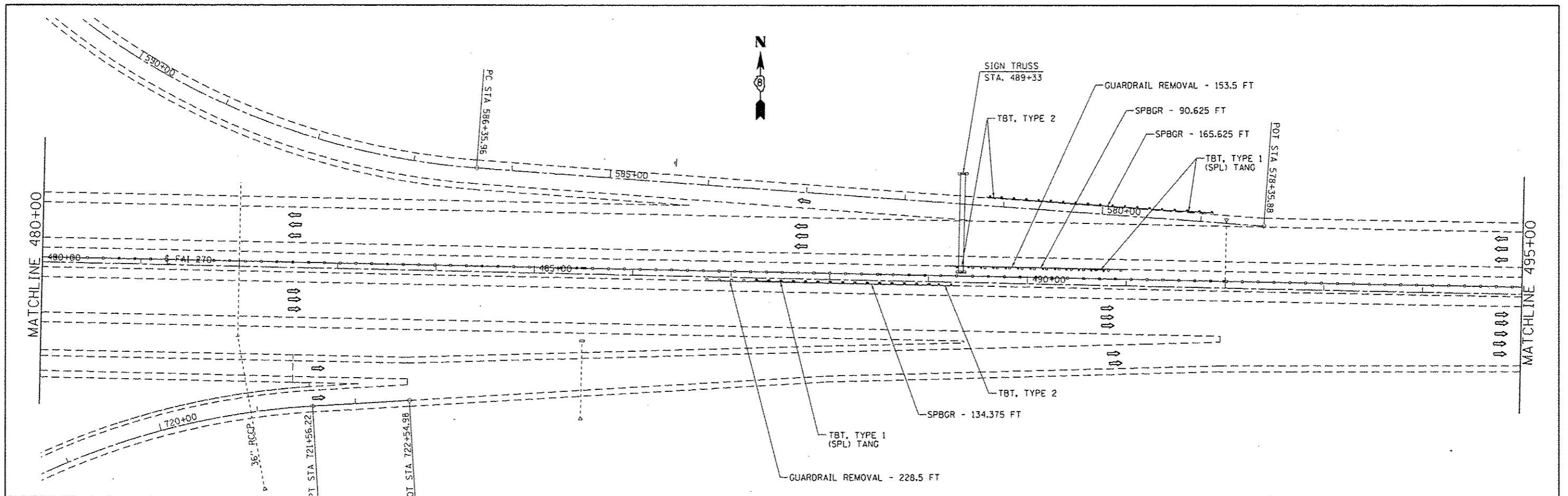


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|--|-----------------------|------------|-----------|
| FILE NAME = | USER NAME = herbaughd | DESIGNED - | REVISED - |
| o:\p\work\p\do\herbaughd\030820\76f97\ht\plan2.dgn | | DRAWN - | REVISED - |
| | | CHECKED - | REVISED - |
| | | DATE - | REVISED - |

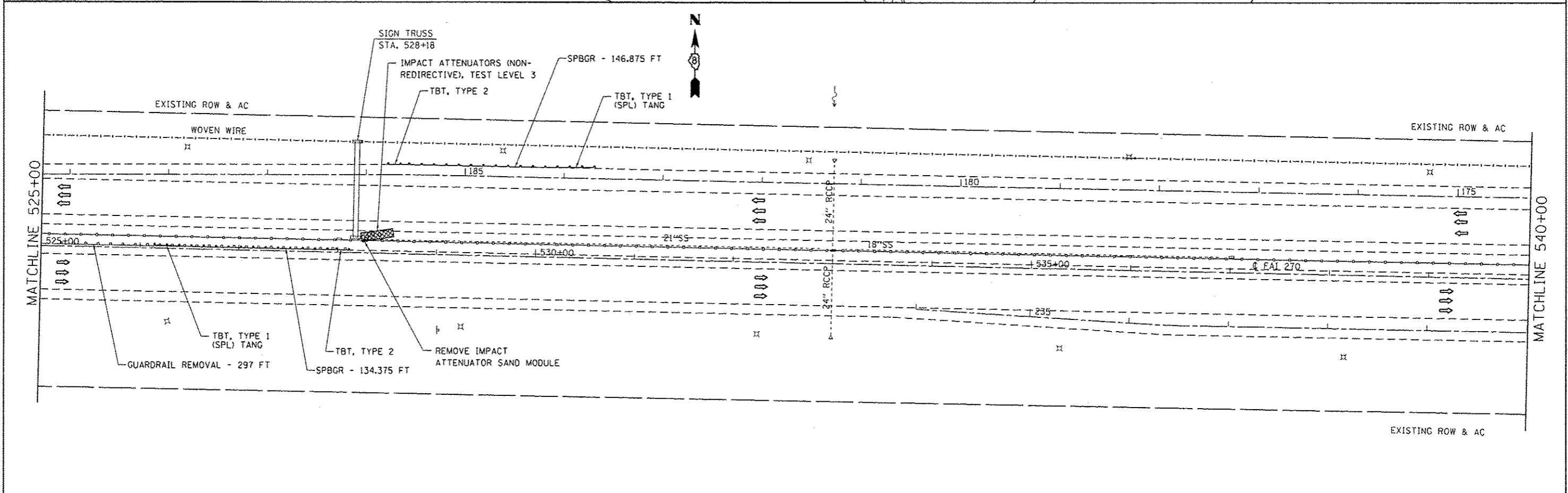
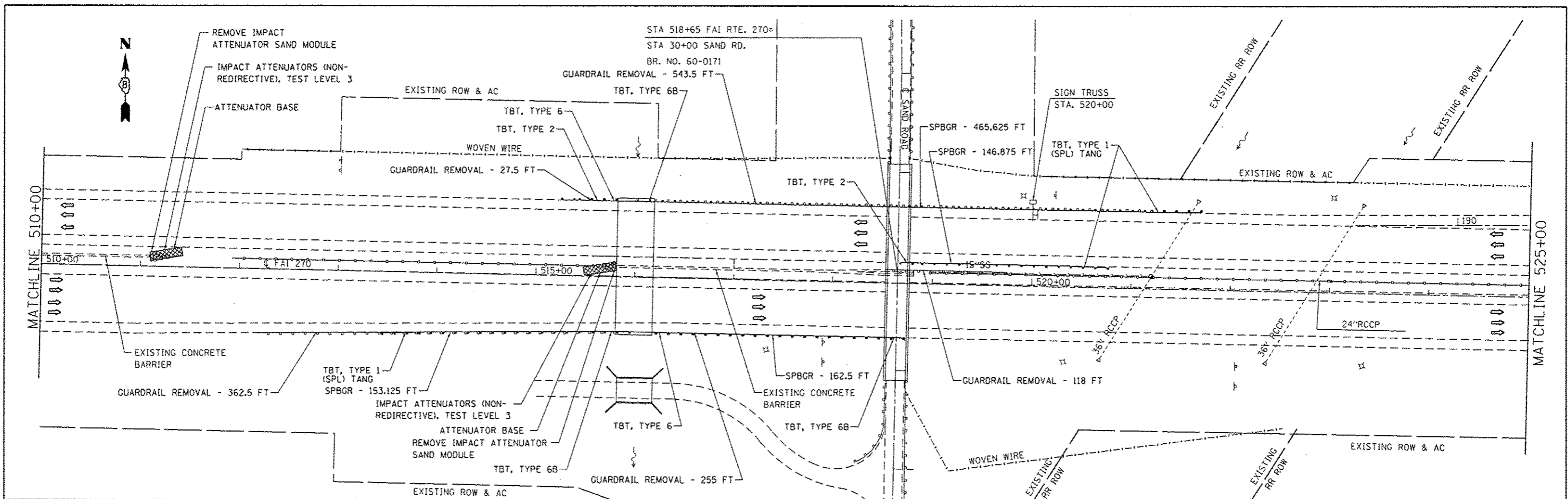
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | | |
|-------------------|--------------------------|----------------------------|
| PLAN SHEET | | |
| SCALE: N/A | SHEET NO. 9 OF 23 SHEETS | STA. 450+00 TO STA. 480+00 |

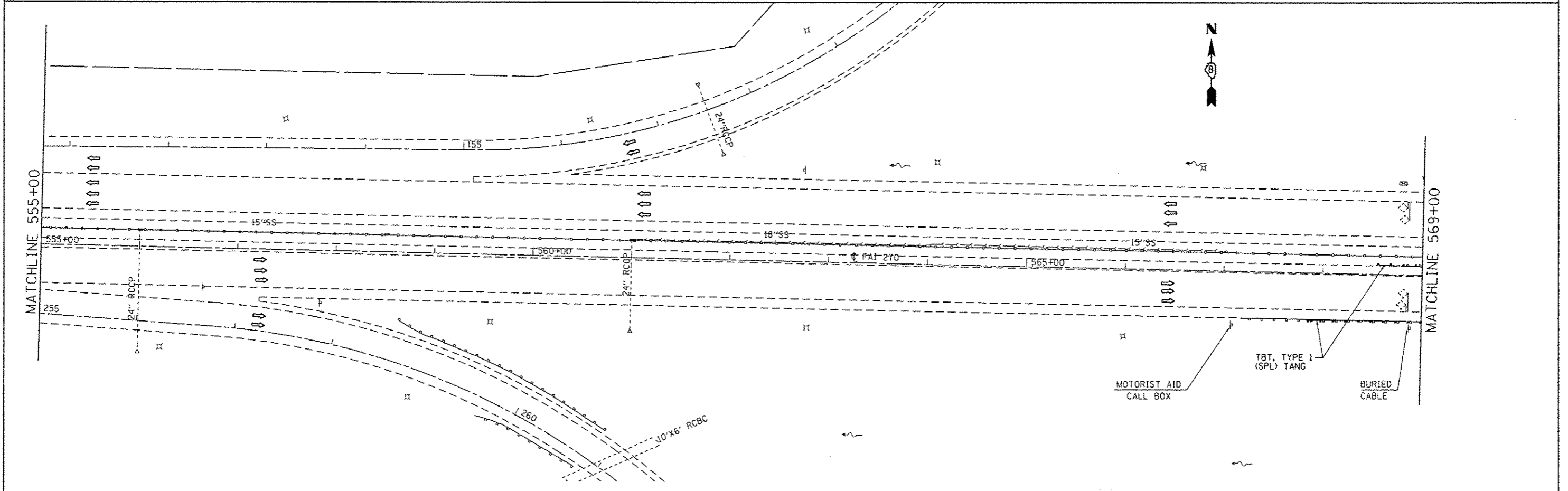
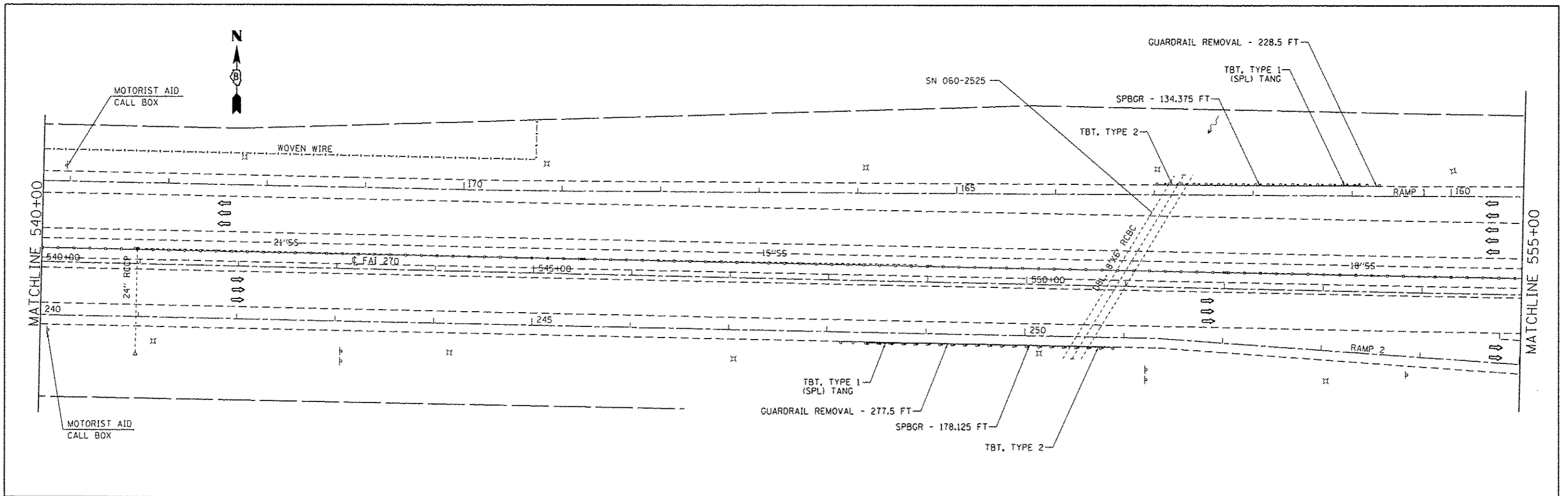
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|---|-------------------------------|-------------------|--------------------|-----------------|
| F.A.I. RTE. 270 | SECTION 60-11.2,3,4,5,6J-1 | COUNTY MADISON | TOTAL SHEETS 33 | SHEET NO. 18 |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 76F97 | |



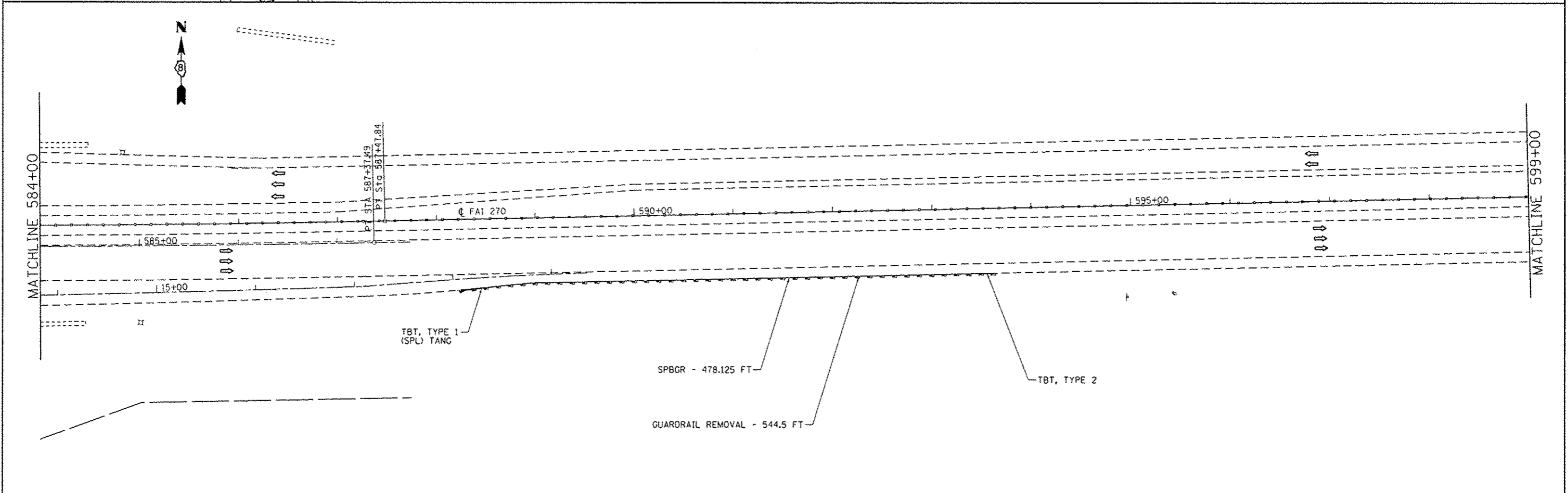
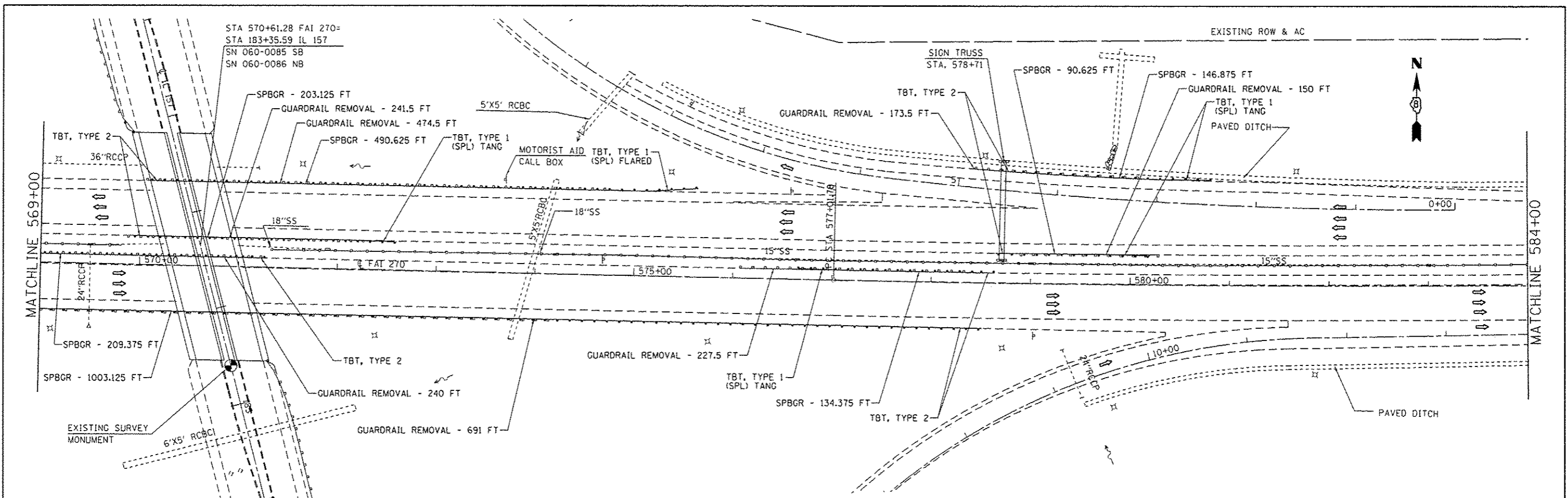
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|--|-------------------------------|------------|-----------|---|-------------------|---------------------------|----------------------------|---------------------|---------------------------|-----------------|--------------|----|
| FILE NAME * | USER NAME * herbaughrd | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PLAN SHEET | | F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| c:\pwork\pido\herbaugh-r\0308620\076f97\ah-plan2.dgn | PLBT SCALE * 100.0000 * / in. | DRAWN - | REVISED - | | SCALE: N/A | SHEET NO. 10 OF 23 SHEETS | STA. 480+00 TO STA. 510+00 | 270 | 60-(1,2,3,4,5,6)J-1 | MADISON | 33 | 19 |
| | PLOT DATE * 5/1/2013 | CHECKED - | REVISED - | | | | | | | | | |
| | | DATE - | REVISED - | | | | | FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | | | |



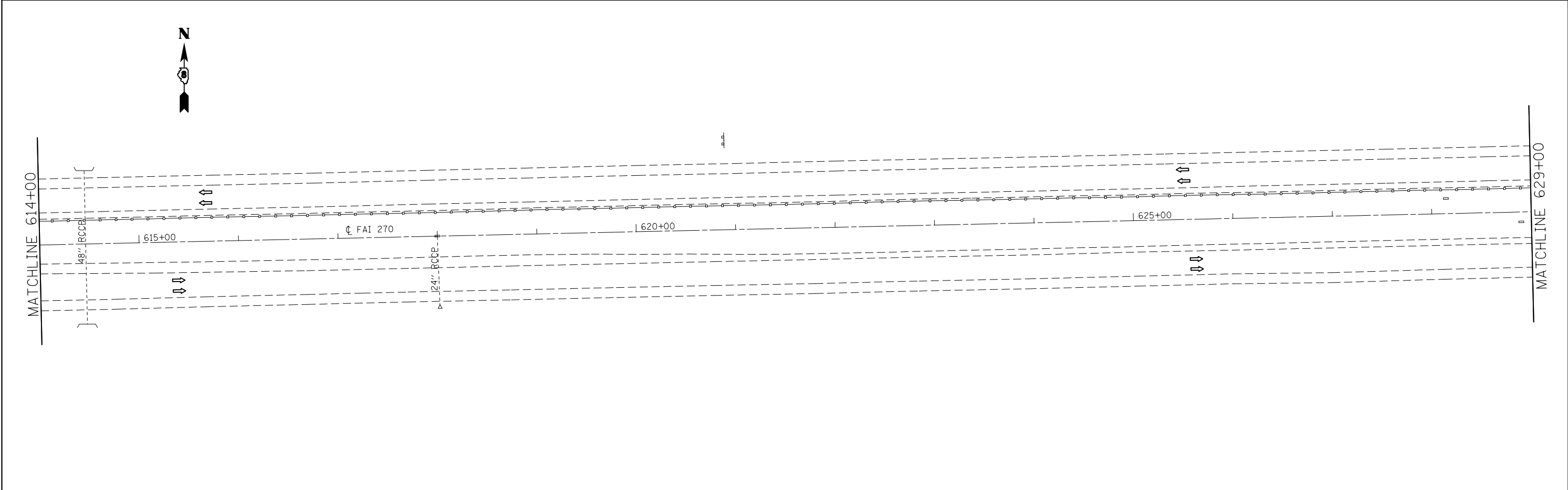
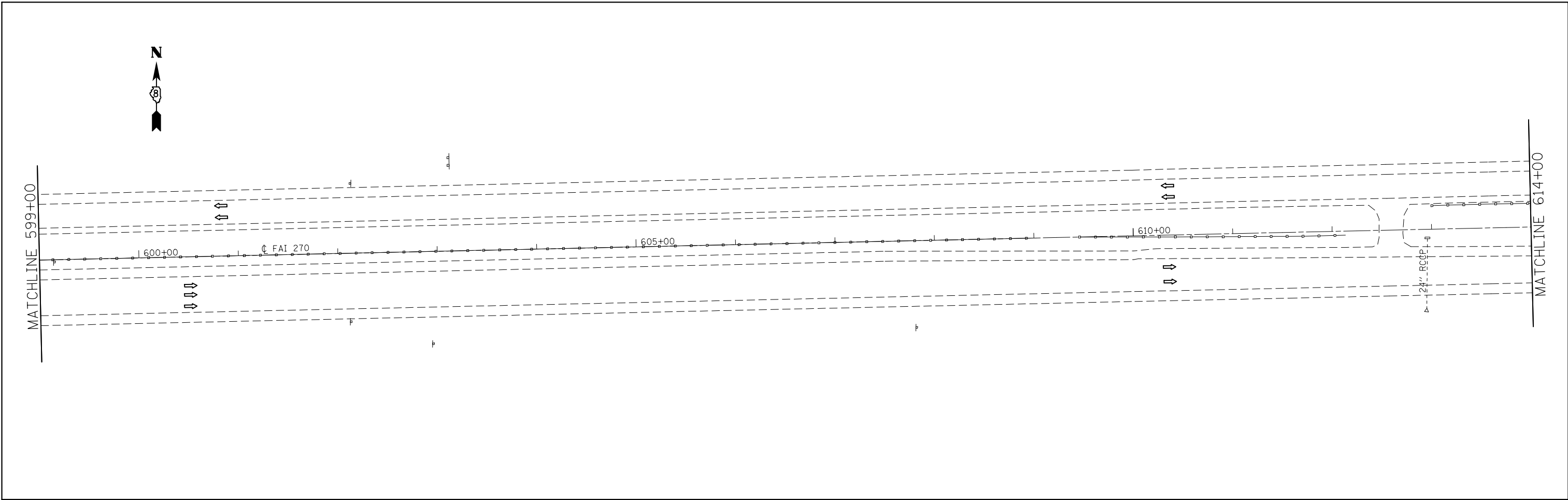
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|---|------------------------------|------------|-----------|---|---------------------------|----------------------------|---------------------|---------------------------|--------------------|--------------|
| FILE NAME = c:\p\work\p101\the-baughrd\0308528\0376f97-shr-plan2.dgn | USER NAME = harbaughrd | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PLAN SHEET | F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | PLOT SCALE = 1/8" = 100'-00" | CHECKED - | REVISED - | | | 270 | 60-(1,2,3,4,5,6)J-1 | MADISON | 33 | 20 |
| PLOT DATE = 5/1/2013 | DATE - | REVISED - | REVISED - | SCALE: N/A | SHEET NO. 11 OF 23 SHEETS | STA. 510+00 TO STA. 540+00 | FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | CONTRACT NO. 76F97 | |



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|--|---------------------------|------------|-----------|---|---|-----------------------------|---------------------------|----------------------------|--------------------|--|
| FILE NAME = c:\p\work\p\d\sharbaugh-d\0308628\0376f97-sh1-plan2.dgn | USER NAME = sharbaugh | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PLAN SHEET | | | | | |
| | PLLOT SCALE = 1/8" = 100' | DRAWN - | REVISED - | | F.A.I. RTE. 270 | SECTION 60-(1,2,3,4,5,6)J-1 | COUNTY MADISON | TOTAL SHEETS 33 | SHEET NO. 21 | |
| | PLLOT DATE = 5/1/2013 | CHECKED - | REVISED - | | SCALE: N/A | | SHEET NO. 12 OF 23 SHEETS | STA. 540+00 TO STA. 569+00 | CONTRACT NO. 76F97 | |
| | | DATE - | REVISED - | | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | | |



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|---|-----------------------------|------------|-----------|---|-------------------|---|---------------------|----------------------------|--------------|-----------|--|
| FILE NAME = | USER NAME = herbaugh.d | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PLAN SHEET | F.A.I. RTE: | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| c:\pwworksp\pido\herbaugh\d\0308520\76f97-sh1-plan2.dgn | PLOT SCALE = 100.0000' = 1" | DRAWN - | REVISED - | | | 270 | 60-(1,2,3,4,5,6)J-1 | MADISON | 33 | 22 | |
| | PLOT DATE = 5/1/2013 | CHECKED - | REVISED - | | | CONTRACT NO. 76F97 | | | | | |
| | | DATE - | REVISED - | | | FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT | | | | | |
| | | | | | SCALE: N/A | SHEET NO. 13 OF 23 SHEETS | | STA. 569+00 TO STA. 599+00 | | | |

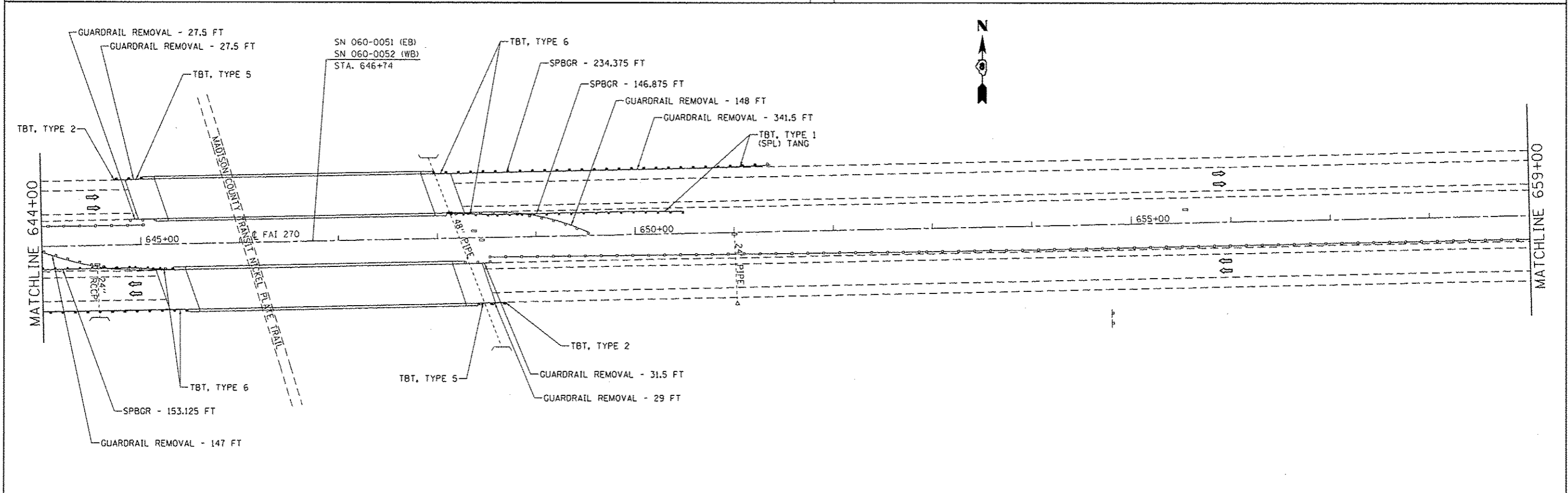
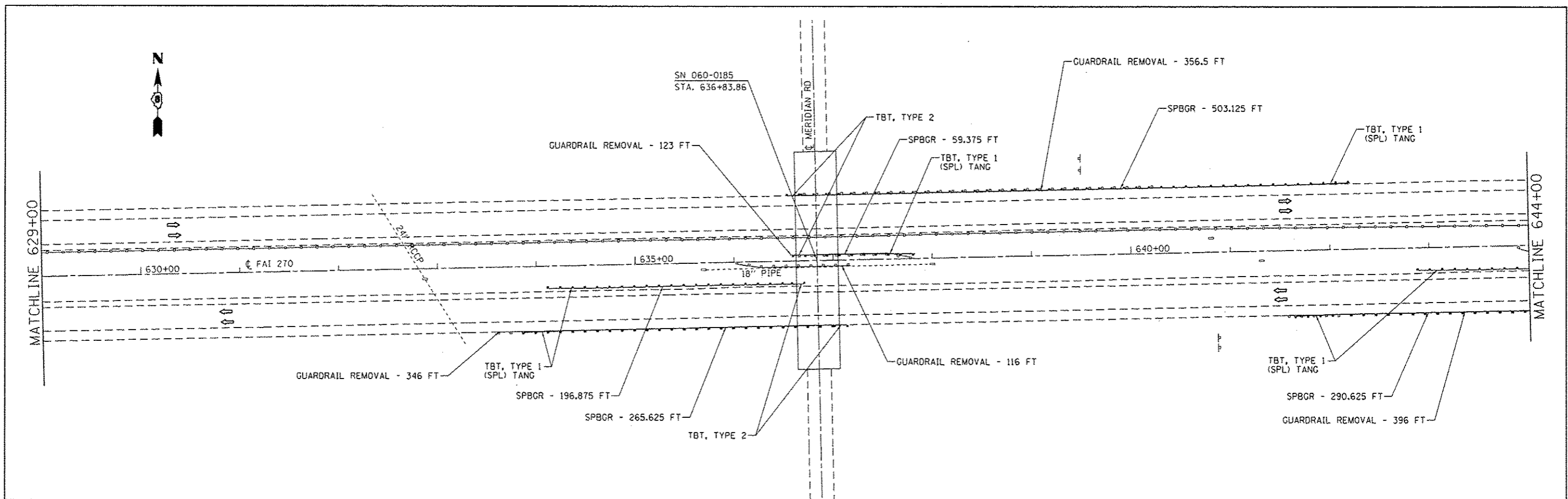


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|---|------------------------------|------------|-----------|
| FILE NAME = | USER NAME = harbaughrd | DESIGNED - | REVISED - |
| et:\pw\work\p1\dot\harbaughrd\0308628\0376f97-sht-plan2.dgn | | DRAWN - | REVISED - |
| | PLOT SCALE = 100.0000' / in. | CHECKED - | REVISED - |
| | PLOT DATE = 3/22/2013 | DATE - | REVISED - |

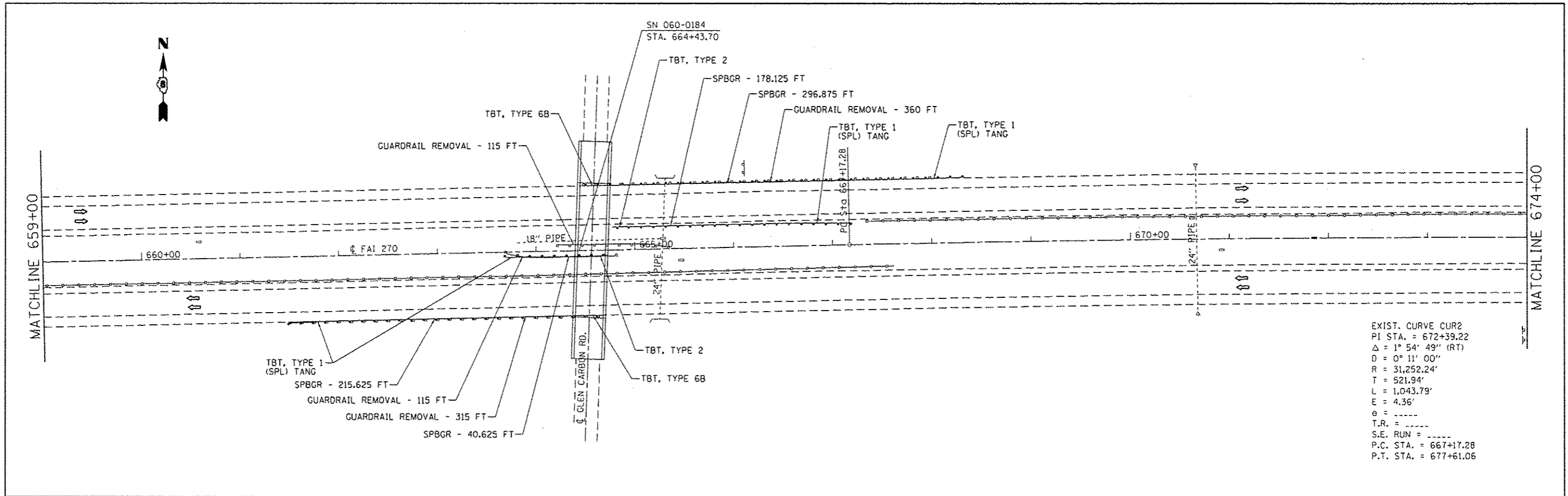
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| PLAN SHEET | | |
|------------|---------------------------|----------------------------|
| SCALE: N/A | SHEET NO. 14 OF 23 SHEETS | STA. 599+00 TO STA. 629+00 |

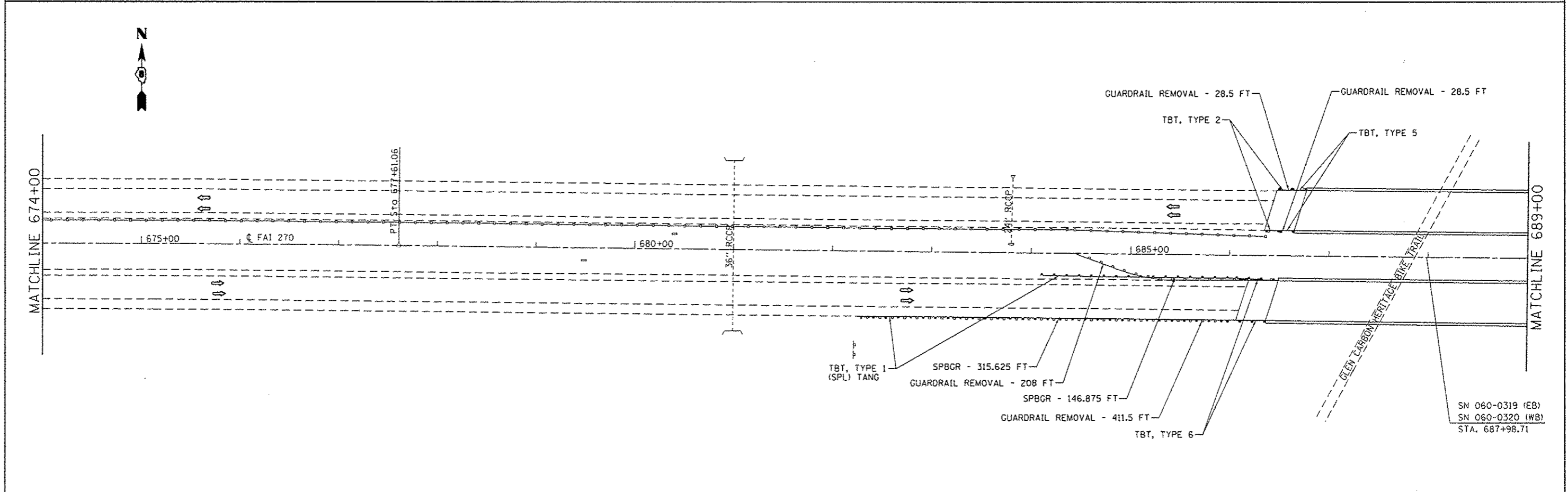
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---------------------|---------|--------------|-----------|
| 270 | 60-(1,2,3,4,5,6)J-1 | MADISON | 33 | 23 |
| CONTRACT NO. 76F97 | | | | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | |



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|---|-----------------------|------------|-----------|---|-------------------|---------------------------|----------------------------|---------------------|---------------------------|-----------------|--------------|----|
| FILE NAME = | USER NAME = harbaughd | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PLAN SHEET | | F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| c:\pwwork\pwwork\harbaughd\238828\238828\769797\shl-plan2.dgn | | DRAWN - | REVISED - | | SCALE: N/A | SHEET NO. 15 OF 23 SHEETS | STA. 629+00 TO STA. 659+00 | 270 | 60-(1,2,3,4,5,6)J-1 | MADISON | 33 | 24 |
| PLOT SCALE = 1/8"=1'-0" | | CHECKED - | REVISED - | | | | | | | | | |
| PLOT DATE = 5/1/2013 | | DATE - | REVISED - | | | | | FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | | | |

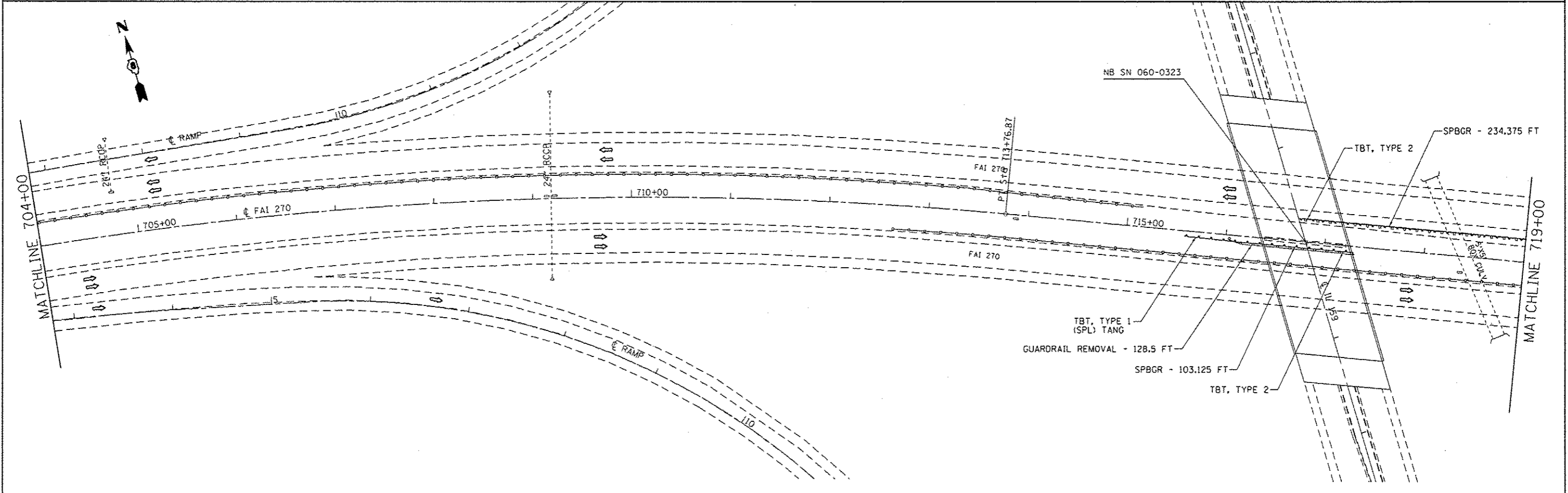
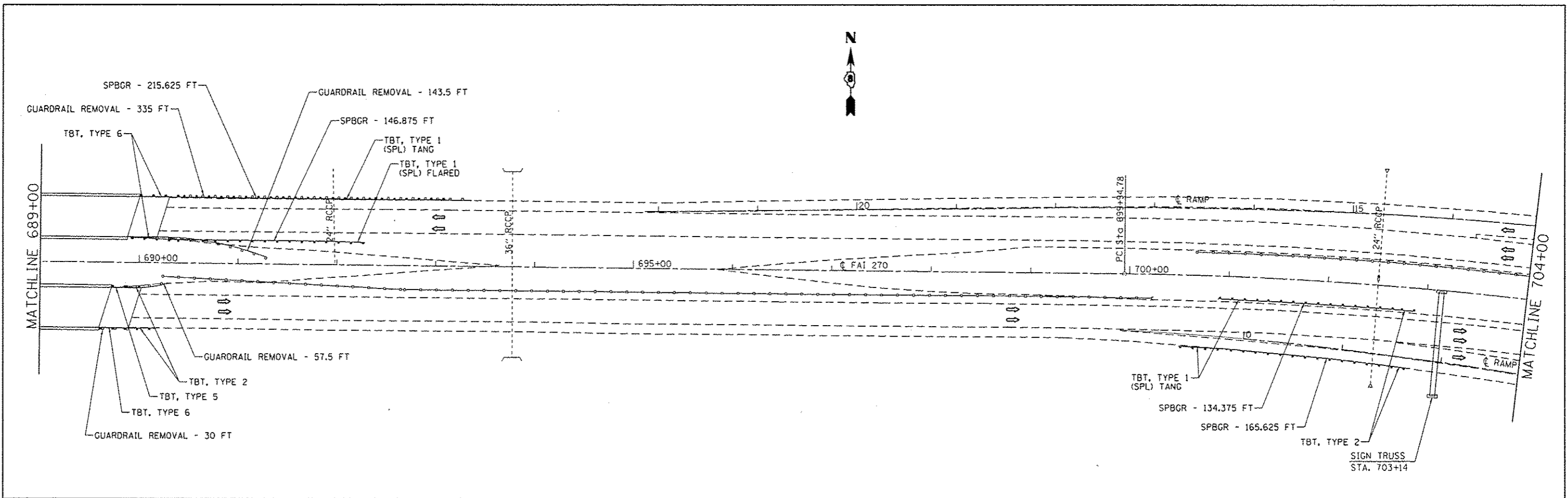


EXIST. CURVE CUR2
 PI STA. = 672+39.22
 Δ = 1° 54' 49" (RT)
 D = 0° 11' 00"
 R = 31,252.24'
 T = 521.94'
 L = 1,043.79'
 E = 4.36'
 θ = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 667+17.28
 P.T. STA. = 677+61.06

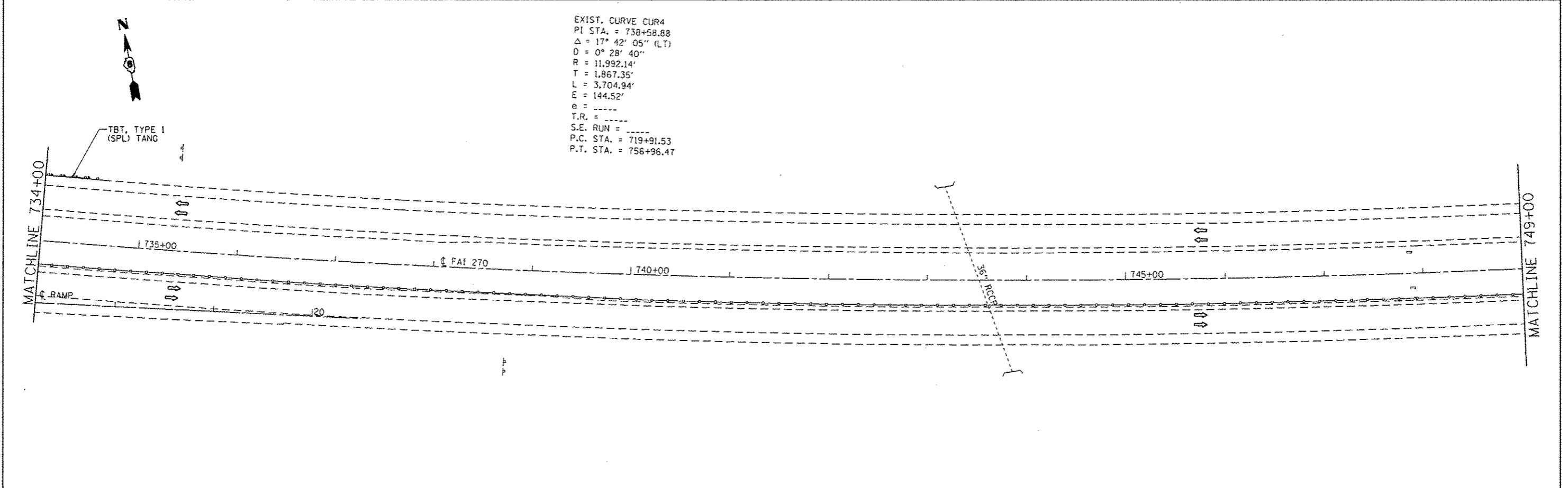
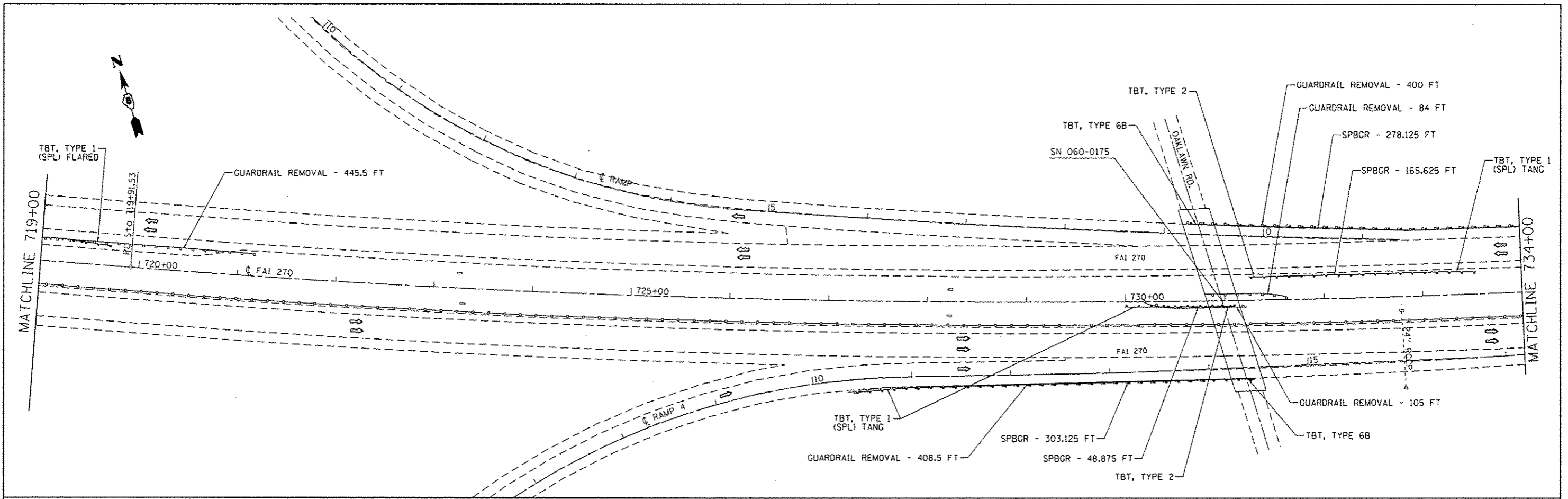


SN 060-0319 (EB)
 SN 060-0320 (WB)
 STA. 687+98.71

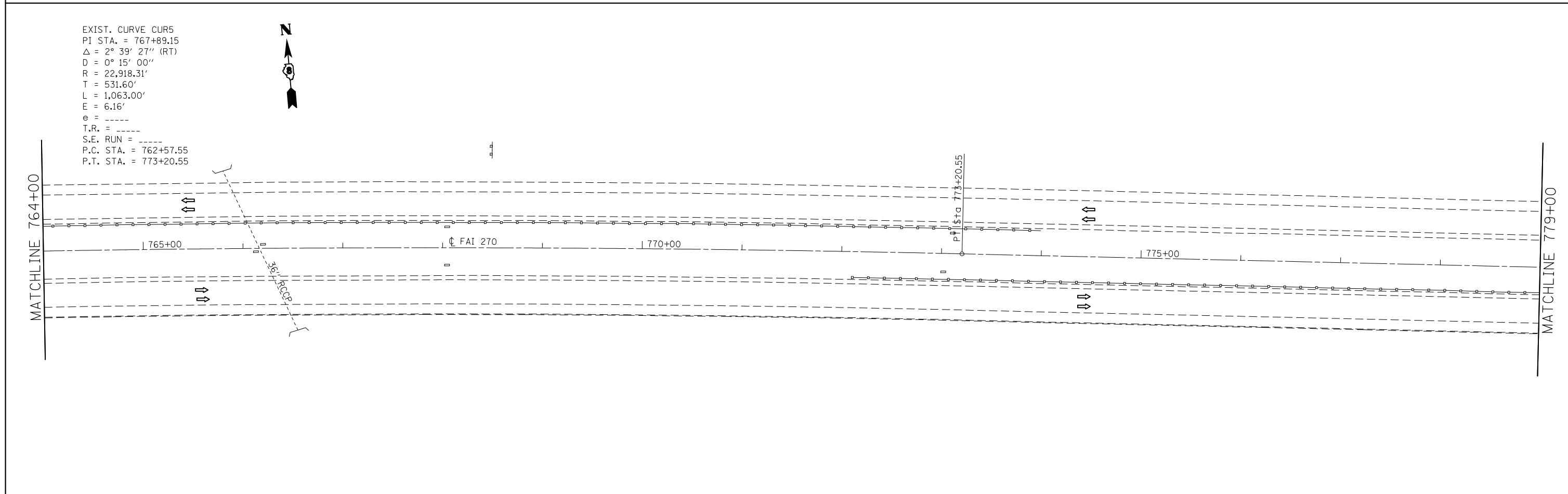
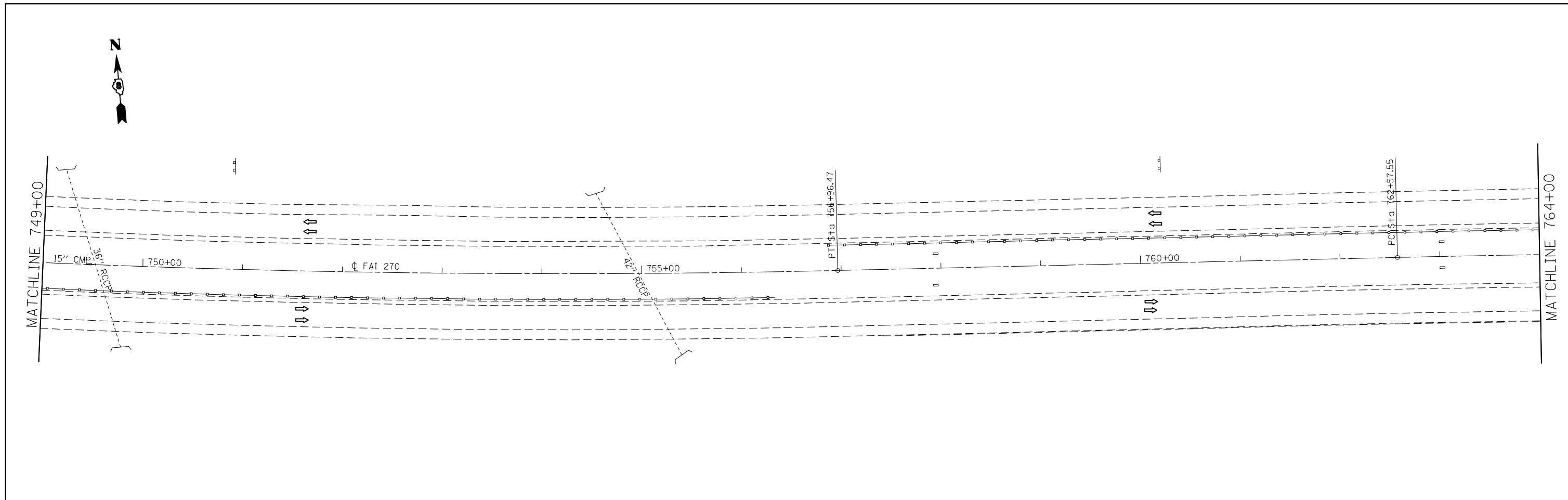
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|---|-----------------------|------------|---|---|-------------------|--------------------|---------------------------|----------------------------|--------------|-----------|
| FILE NAME = | USER NAME = harbaughd | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PLAN SHEET | F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| c:\pwwork\pwwork\harbaughd\0308620\076f97-ahc-plan2.dgn | DRAWN - | REVISED - | 270 | | | 60-11.2,3,4,5,6J-1 | MADISON | 33 | 25 | |
| PLOT SCALE = 1/8" = 1' / 1" = 1' | CHECKED - | REVISED - | CONTRACT NO. 76F97 | | | | | | | |
| PLOT DATE = 5/1/2013 | DATE - | REVISED - | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | | | | |
| | | | | | | SCALE: N/A | SHEET NO. 16 OF 23 SHEETS | STA. 659+00 TO STA. 689+00 | | |



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|---|------------------------------|---------------|--------------|---|-------------------|-----------------------|--------------------------------|----------------------------|---------------------|---------------------------|
| FILE NAME c:\pwork\pwork\herbaugh\d0308628\76f97-sht-plan2.dgn | USER NAME herbaughd | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PLAN SHEET | F.A.I. RTE. 270 | SECTION 60-(1,2,3,4,5,6)J-1 | COUNTY MADISON | TOTAL SHEETS 33 | SHEET NO. 26 |
| | PLOT SCALE 100.0000 / in. | CHECKED - | REVISED - | | | SCALE: N/A | SHEET NO. 17 OF 23 SHEETS | STA. 689+00 TO STA. 719+00 | FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT |
| | PLOT DATE 5/1/2013 | DATE - | REVISED - | | | | | | | |

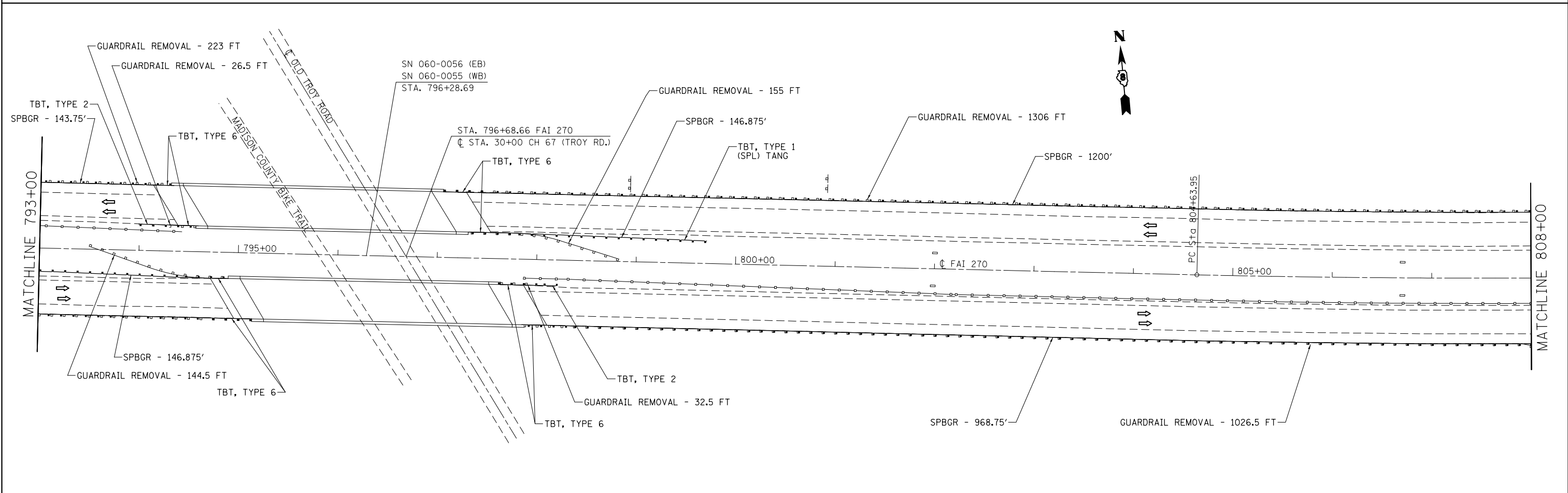
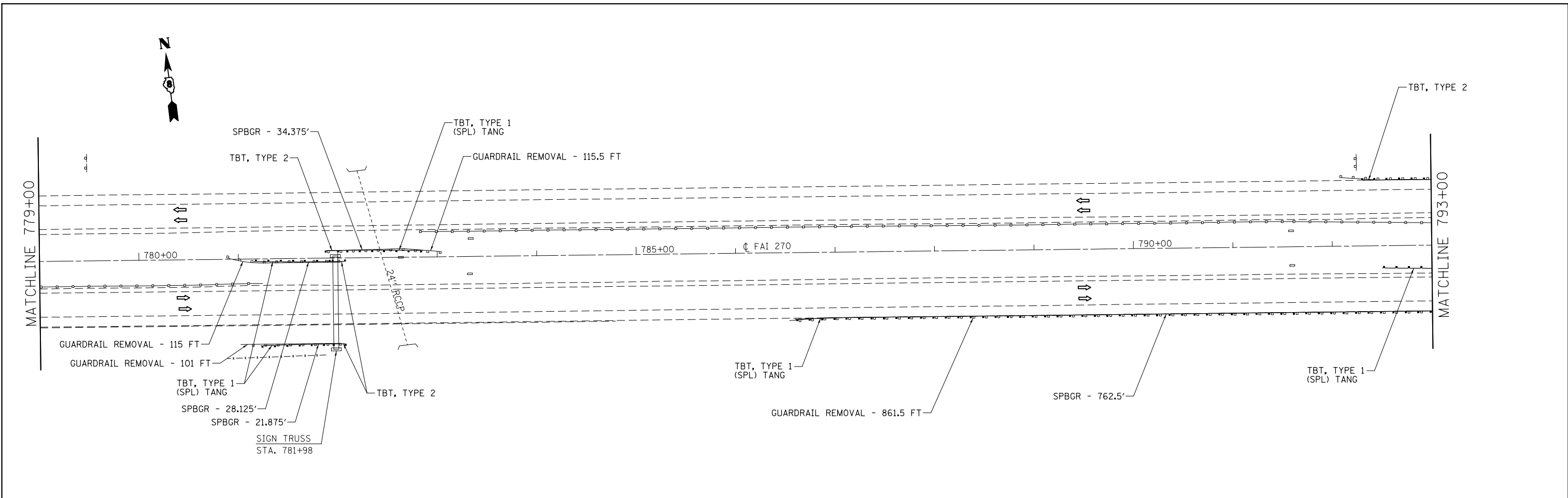


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|---|------------------------------------|------------|--------------------|---|-------------------|--------------------|-------------------------------|----------------------------|---|-----------------|--|
| FILE NAME = c:\pwwork\pvidot\ha-baughrd\0308628\076f97-shr-plan2.dgn | USER NAME = ha-baughrd | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PLAN SHEET | F.A.I. RTE. 270 | SECTION 60-11.2,3,4,5,6J-1 | COUNTY MADISON | TOTAL SHEETS 33 | SHEET NO. 27 | |
| | PLOT SCALE = 1/8" = 100.0000' / 1" | CHECKED - | REVISED - | | | SCALE: N/A | SHEET NO. 18 OF 23 SHEETS | STA. 719+00 TO STA. 749+00 | FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT | | |
| PLOT DATE = 5/1/2013 | DATE - | REVISED - | CONTRACT NO. 76F97 | | | | | | | | |
| | | | | | | | | | | | |



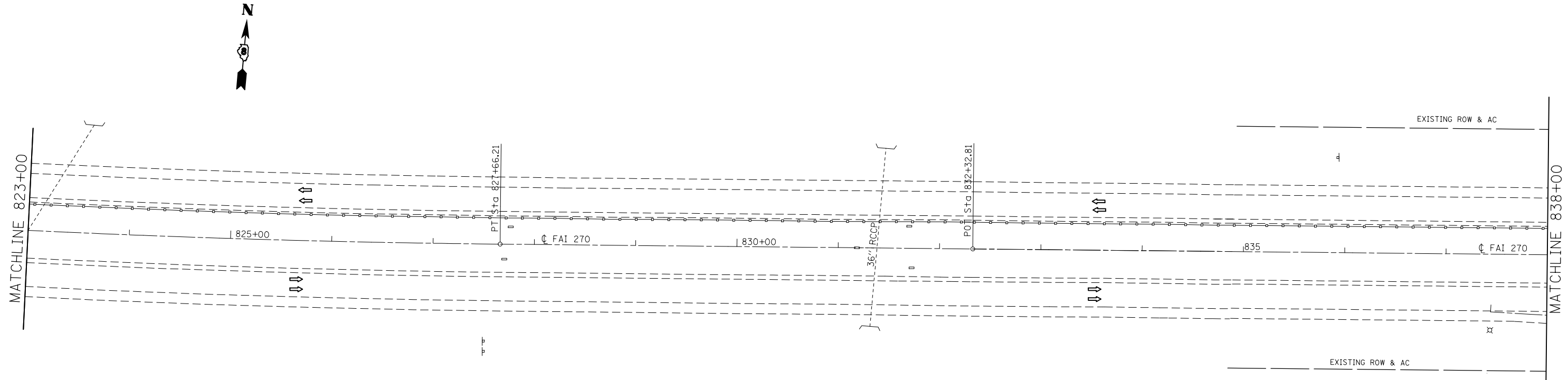
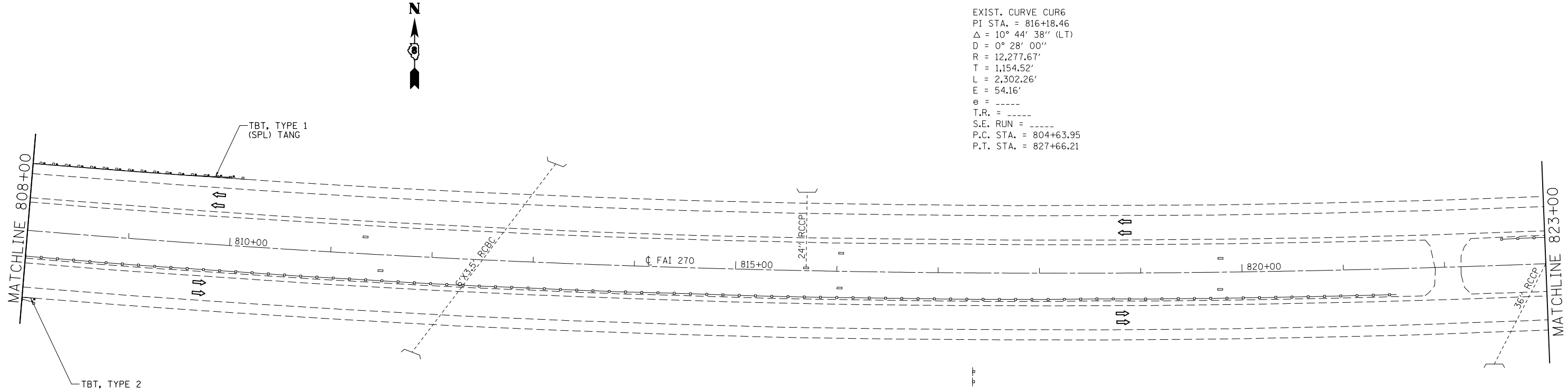
EXIST. CURVE CUR5
 PI STA. = 767+89.15
 Δ = 2° 39' 27" (RT)
 D = 0° 15' 00"
 R = 22,918.31'
 T = 531.60'
 L = 1,063.00'
 E = 6.16'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 762+57.55
 P.T. STA. = 773+20.55

| | | | | | | | | | | | | |
|---|------------------------|------------|-----------|---|---|---------------------------|----------------------------|-------------|---------------------|---------|--------------|-----------|
| FILE NAME = | USER NAME = harbaughrd | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PLAN SHEET | | | F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| et:\pw\work\p\idot\harbaughrd\0308628\0376f97-sht-plan2.dgn | | DRAWN - | REVISED - | | SCALE: N/A | SHEET NO. 19 OF 23 SHEETS | STA. 749+00 TO STA. 779+00 | 270 | 60-(1,2,3,4,5,6)J-1 | MADISON | 33 | 28 |
| | | CHECKED - | REVISED - | | CONTRACT NO. 76F97 | | | | | | | |
| | | DATE - | REVISED - | | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | | | | |



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|--|-------------------------------|------------|-----------|---|-------------------|---------------------------|----------------------------|---|---------------------|---------|--------------|-----------|
| FILE NAME = | USER NAME = harbaughrd | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PLAN SHEET | | | F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| et:\pw\work\p\midot\harbaughrd\0308628\0308628-76f97-sh1-plan2.dgn | | DRAWN - | REVISED - | | SCALE: N/A | SHEET NO. 20 OF 23 SHEETS | STA. 779+00 TO STA. 808+00 | 270 | 60-(1,2,3,4,5,6)J-1 | MADISON | 33 | 29 |
| | PLOT SCALE = 100.0000' / 1" = | CHECKED - | REVISED - | | | | | CONTRACT NO. 76F97 | | | | |
| | PLOT DATE = 3/22/2013 | DATE - | REVISED - | | | | | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | |

EXIST. CURVE CUR6
 PI STA. = 816+18.46
 $\Delta = 10^\circ 44' 38''$ (LT)
 $D = 0^\circ 28' 00''$
 $R = 12,277.67'$
 $T = 1,154.52'$
 $L = 2,302.26'$
 $E = 54.16'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 $P.C. \text{ STA.} = 804+63.95$
 $P.T. \text{ STA.} = 827+66.21$



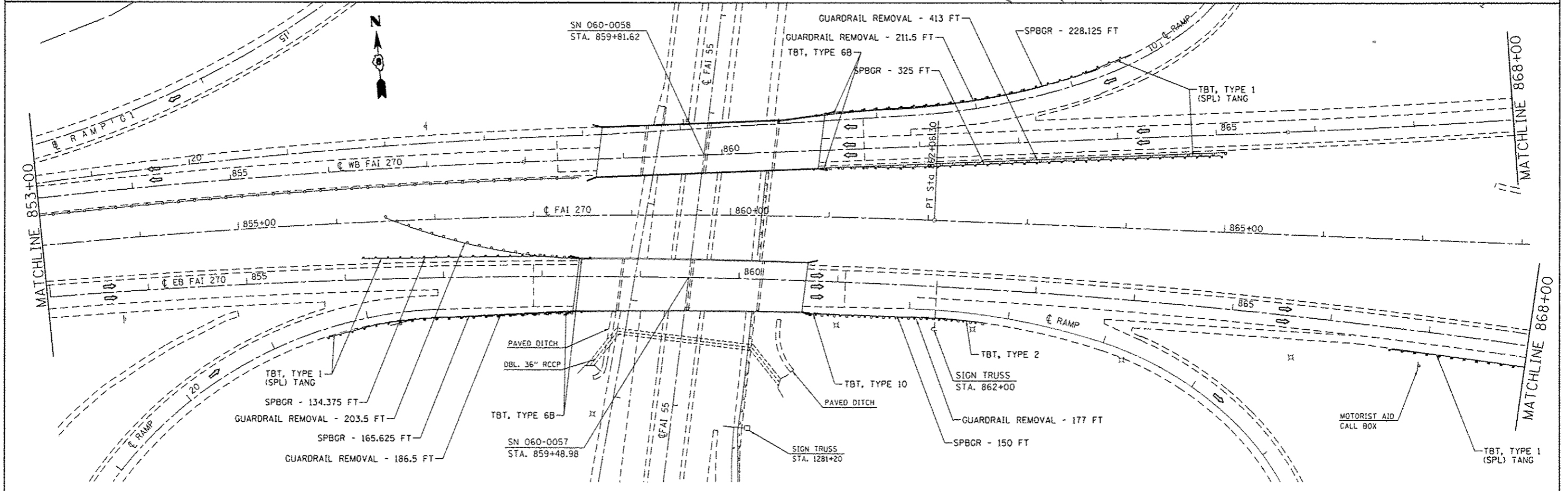
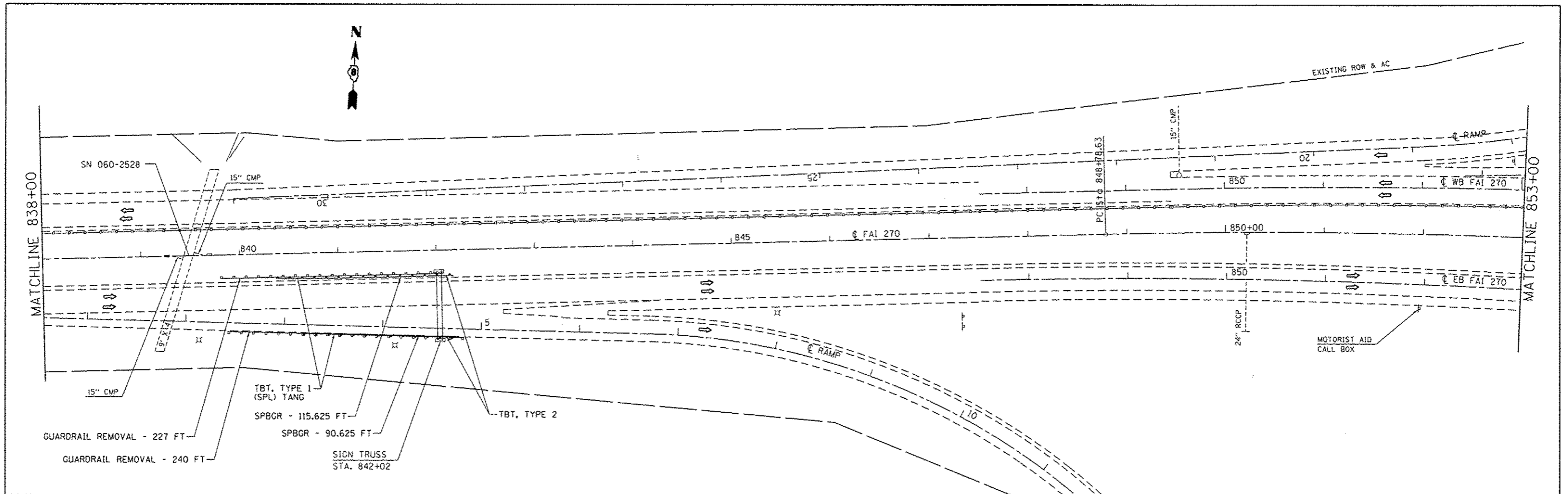
| | | | |
|--|------------------------------|------------|-----------|
| FILE NAME = | USER NAME = harbaughrd | DESIGNED - | REVISED - |
| et:\pwork\pwork\harbaughrd\0308628\0376f97-sht-plan2.dgn | | DRAWN - | REVISED - |
| | PLOT SCALE = 100.0000' / in. | CHECKED - | REVISED - |
| | PLOT DATE = 3/22/2013 | DATE - | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

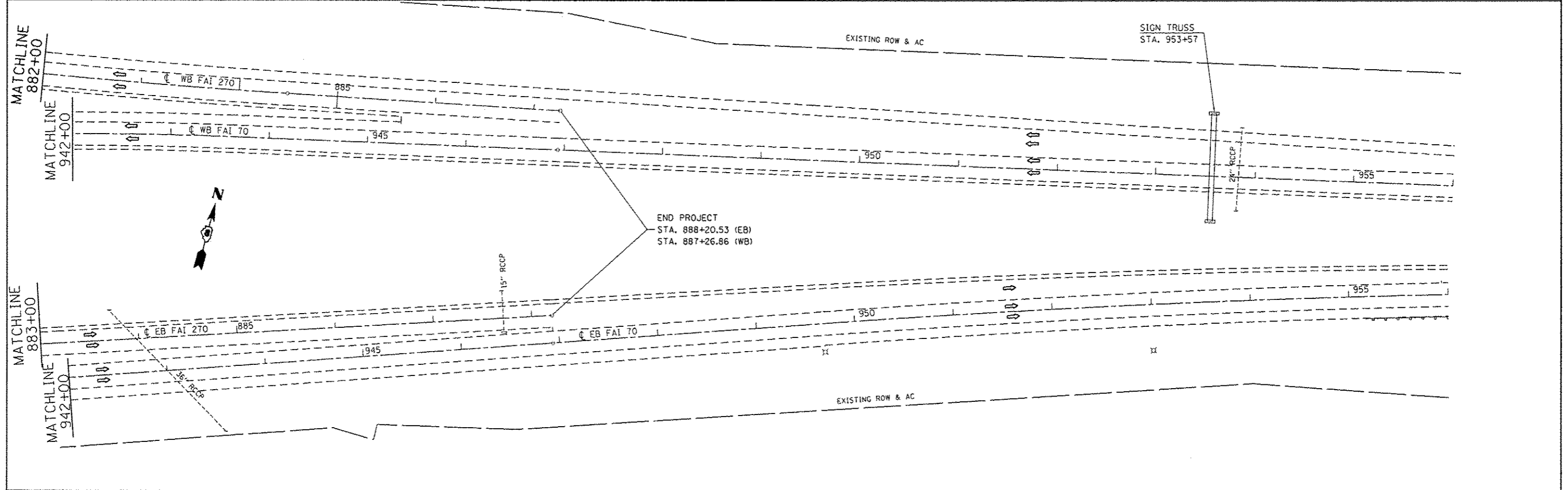
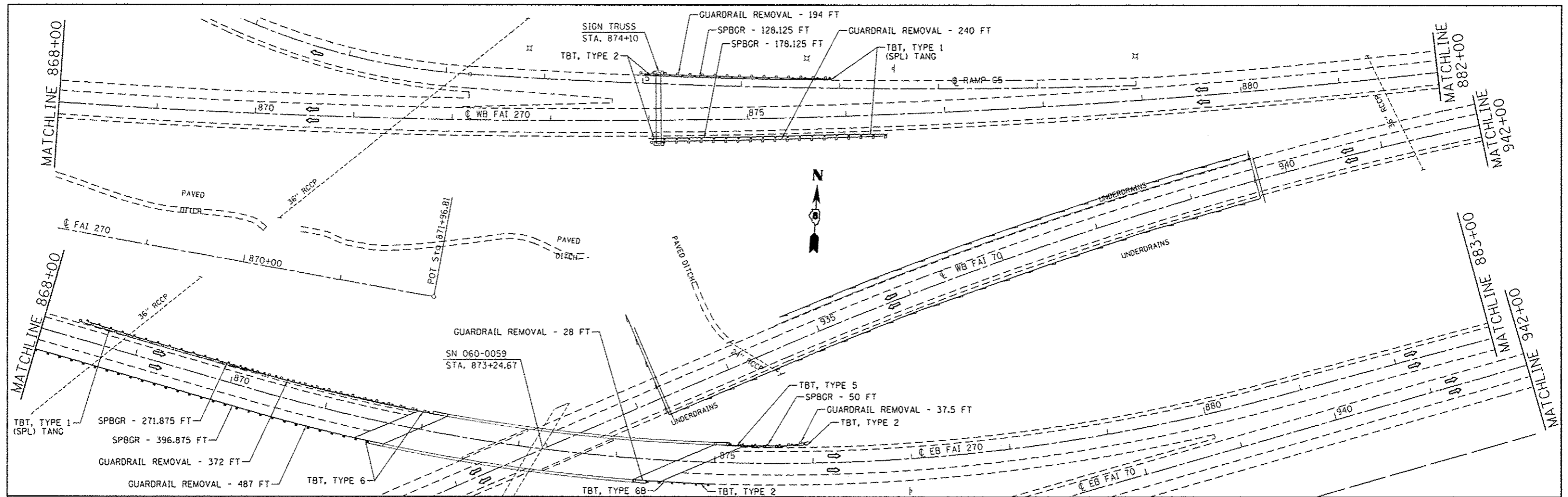
PLAN SHEET

SCALE: N/A SHEET NO. 21 OF 23 SHEETS STA. 808+00 TO STA. 838+00

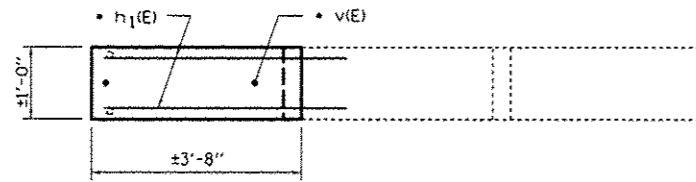
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|---------------------|---------------------------|--------------|-----------|
| 270 | 60-(1,2,3,4,5,6)J-1 | MADISON | 33 | 30 |
| CONTRACT NO. 76F97 | | | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |



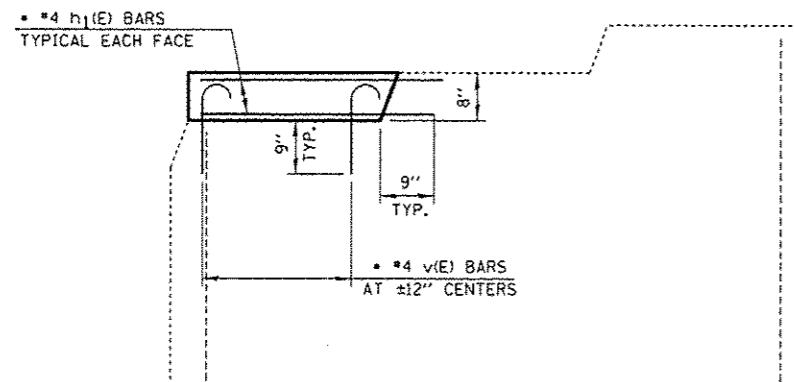
| | | | | | | | | | | | |
|--|-------------------------|------------|-----------|---|-------------------|----------------------------|----------------------|---|-----------------|----------------------------|--|
| FILE NAME : | USER NAME : harbaughrd | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PLAN SHEET | F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| c:\pr-work\p1dat\harbaugh-rd\0308628\076f97-ah-plot2.dgn | PLT SCALE = 1/8" = 100' | DRAWN - | REVISED - | | | 270 | 60-1(1,2,3,4,5,6)J-1 | MADISON | 33 | 31 | |
| | PLT DATE = 5/1/2013 | CHECKED - | REVISED - | | | SCALE: N/A | | SHEET NO. 22 OF 23 SHEETS | | STA. 838+00 TO STA. 868+00 | |
| | | DATE - | REVISED - | | | STA. 838+00 TO STA. 868+00 | | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | |



| | | | | | | | | | | | | |
|---|-------------------------|------------|-----------|---|---|---------------------------|----------------------------|--------------------|--------------------|---------|-----------------|--------------|
| FILE NAME = | USER NAME = harbaugh.d | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PLAN SHEET | | | F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| c:\p\work\p\dat\harbaugh\d\0308528\076f97-shr-plan2.dgn | PLOT SCALE = 1/8"=1'-0" | DRAWN - | REVISED - | | | | | 270 | 60-11,2,3,4,5,6J-1 | MADISON | 33 | 32 |
| | PLOT DATE = 5/1/2013 | CHECKED - | REVISED - | | SCALE: N/A | SHEET NO. 23 OF 23 SHEETS | STA. 868+00 TO STA. 956+00 | CONTRACT NO. 76F97 | | | | |
| | | DATE - | REVISED - | | FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT | | | | | | | |

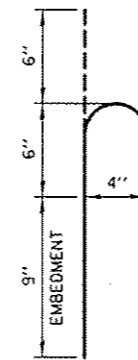


SECTION



PROPOSED ELEVATION

• EPOXY GROUT h(E) & v(E) BARS IN 9" MINIMUM HOLES ACCORDING TO ARTICLE 584 OF THE STANDARD SPECIFICATIONS.



BAR v(E)

NOTES

REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.

PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN SCOPE OF THE WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.

BILL OF MATERIAL

| BAR | NO. | SIZE | LENGTH | SHAPE |
|----------------------------------|-----|------|--------|-------|
| h ₁ (E) | 4 | #4 | 4'-3" | — |
| v(E) | 4 | #4 | 1'-9" | U |
| CONCRETE STRUCTURES | | | CU YD | 0.1 |
| REINFORCEMENT BARS, EPOXY COATED | | | POUND | 16.1 |

| | | | |
|---|------------------------------|------------|-----------|
| FILE NAME c:\p\work\p\101\herbaugh\d\0308620\076F97-sht-cover.dgn | USER NAME : herbaughrd | DESIGNED - | REVISED - |
| MODEL NAME # | PLOT SCALE = 100.0000 "/ in. | CHECKED - | REVISED - |
| | PLOT DATE = 5/1/2013 | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS DETAILS

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

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------------------|---------|--------------|--------------------|
| 270 | 60-(1,2,3,4,5,6)J-1 | MADISON | 33 | 33 |
| | | | | CONTRACT NO. 76F97 |
| ILLINOIS FED. AID PROJECT | | | | |