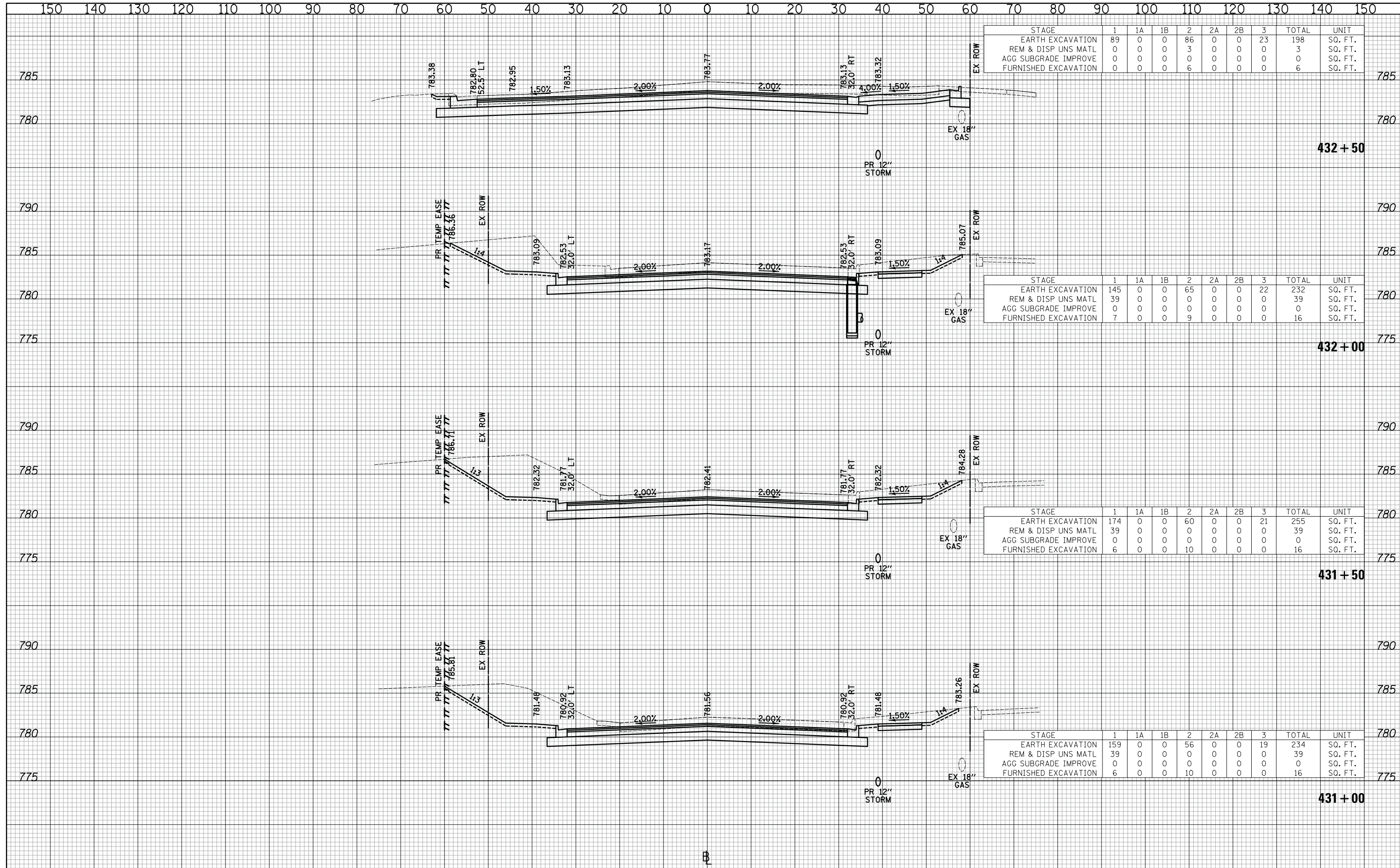


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 TEMPLATE _____
 AREAS CHECKED _____
 NO. _____



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 89 | 0 | 0 | 86 | 0 | 0 | 23 | 198 | SQ. FT. |
| REM & DISP UNS MATL | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 6 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 145 | 0 | 0 | 65 | 0 | 0 | 22 | 232 | SQ. FT. |
| REM & DISP UNS MATL | 39 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 7 | 0 | 0 | 9 | 0 | 0 | 0 | 16 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 174 | 0 | 0 | 60 | 0 | 0 | 21 | 255 | SQ. FT. |
| REM & DISP UNS MATL | 39 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 6 | 0 | 0 | 10 | 0 | 0 | 0 | 16 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 159 | 0 | 0 | 56 | 0 | 0 | 19 | 234 | SQ. FT. |
| REM & DISP UNS MATL | 39 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 6 | 0 | 0 | 10 | 0 | 0 | 0 | 16 | SQ. FT. |

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 CHECKED - RTM
 DATE - 11/13/2017

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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SCALES

CROSS SECTIONS - QUENTIN ROAD

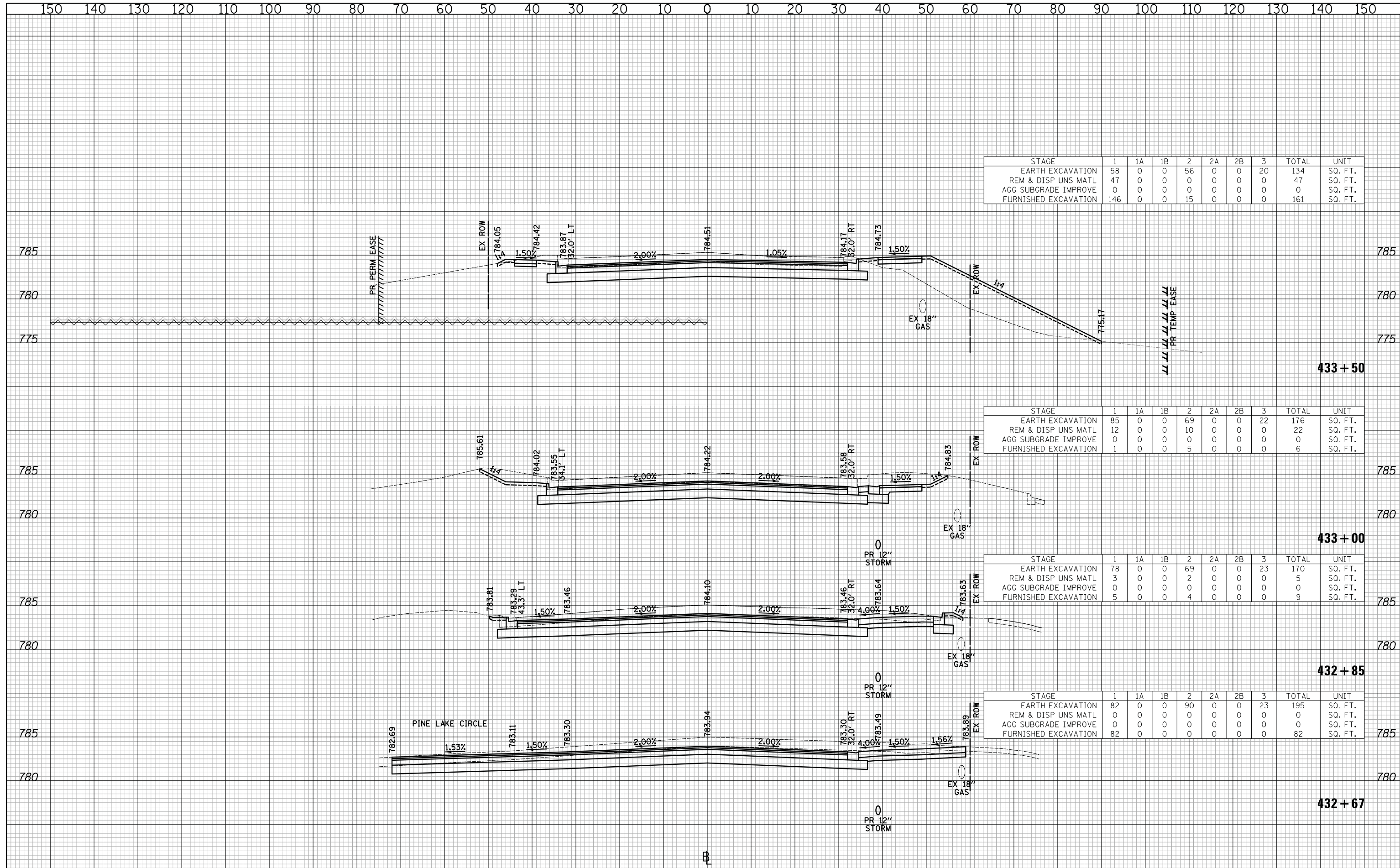
SHEET NO. 18 OF 89 SHEETS STA. 431+00 TO STA. 432+50

| | | | | |
|--------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 701 |
| CONTRACT NO. 61E22 | | | | |

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

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| DATE | |
| BY | |
| FINAL SURVEY | SURVEYED |
| NOTE BOOK | PLOTTED |
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| DATE | |
| BY | |
| ORIGINAL SURVEY | SURVEYED |
| NOTE BOOK | PLOTTED |
| NO. | TEMPLATE |
| | AREAS CHECKED |



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 58 | 0 | 0 | 56 | 0 | 0 | 20 | 134 | SQ. FT. |
| REM & DISP UNS MATL | 47 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 146 | 0 | 0 | 15 | 0 | 0 | 0 | 161 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 85 | 0 | 0 | 69 | 0 | 0 | 22 | 176 | SQ. FT. |
| REM & DISP UNS MATL | 12 | 0 | 0 | 10 | 0 | 0 | 0 | 22 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 1 | 0 | 0 | 5 | 0 | 0 | 0 | 6 | SQ. FT. |

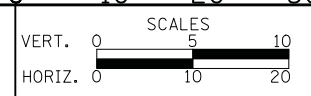
| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 78 | 0 | 0 | 69 | 0 | 0 | 23 | 170 | SQ. FT. |
| REM & DISP UNS MATL | 3 | 0 | 0 | 2 | 0 | 0 | 0 | 5 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 5 | 0 | 0 | 4 | 0 | 0 | 0 | 9 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 82 | 0 | 0 | 90 | 0 | 0 | 23 | 195 | SQ. FT. |
| REM & DISP UNS MATL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 82 | 0 | 0 | 0 | 0 | 0 | 0 | 82 | SQ. FT. |

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| DRAWN - JRR | REVISED - |
| CHECKED - RTM | REVISED - |
| DATE - 3/12/2018 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



CROSS SECTIONS - QUENTIN ROAD
 SHEET NO. 19 OF 89 SHEETS | STA. 432+67 TO STA. 433+50

| | | | | |
|---|----------------|--------|--------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 702 |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 61E22 | |

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 PLOTTED _____
 TEMPLATE _____
 AREAS CHECKED _____
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 SURVEYED _____
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 TEMPLATE _____
 AREAS CHECKED _____
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NOTE:
 SEE STRUCTURAL SHEETS FOR WALL DETAILS.
 AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE AND/OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 (04/01/2016) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE CURRENT IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

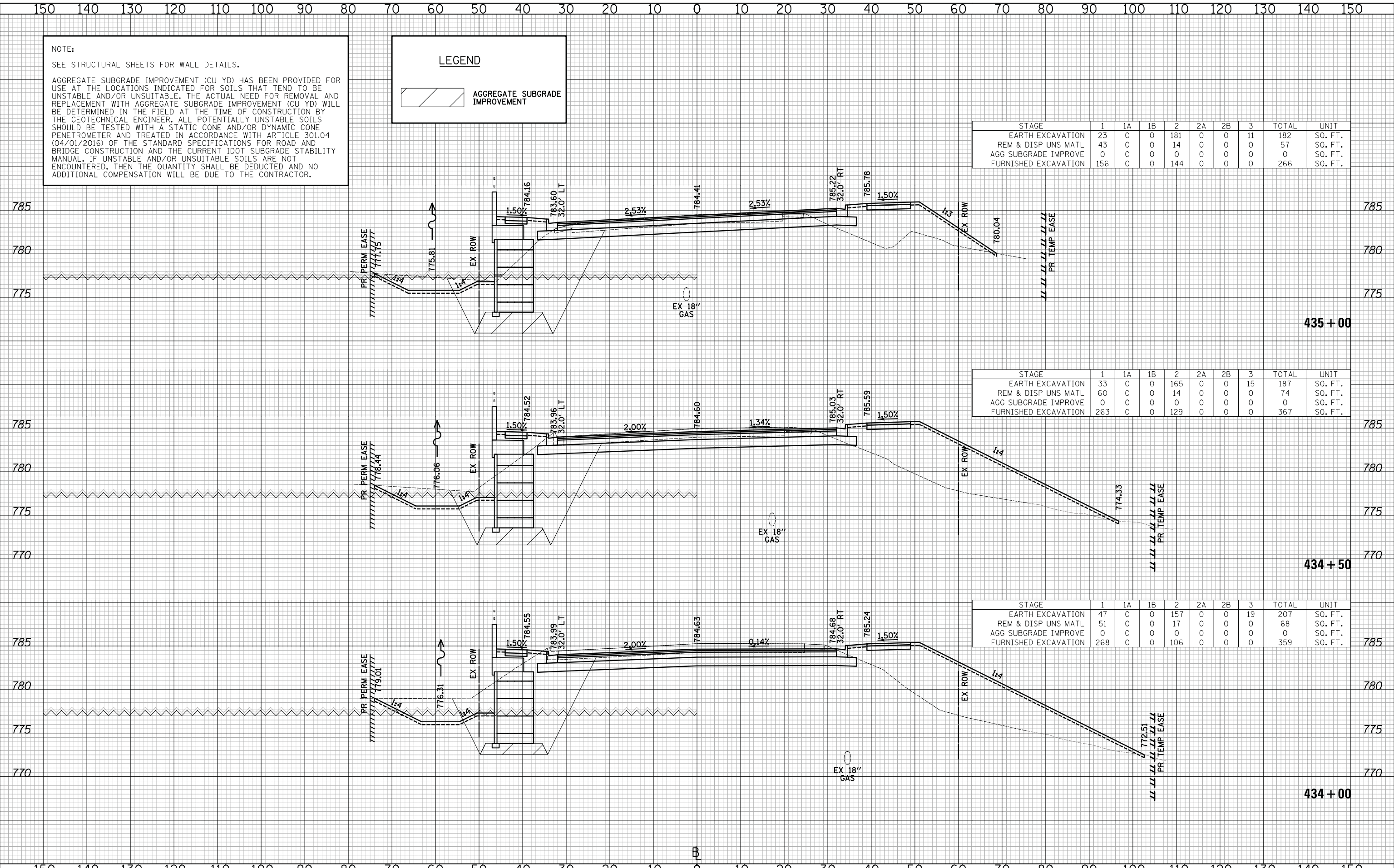
LEGEND

AGGREGATE SUBGRADE IMPROVEMENT

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|-----|----|----|----|-------|---------|
| EARTH EXCAVATION | 23 | 0 | 0 | 181 | 0 | 0 | 11 | 182 | SQ. FT. |
| REM & DISP UNS MATL | 43 | 0 | 0 | 14 | 0 | 0 | 0 | 57 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 156 | 0 | 0 | 144 | 0 | 0 | 0 | 266 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|-----|----|----|----|-------|---------|
| EARTH EXCAVATION | 33 | 0 | 0 | 165 | 0 | 0 | 15 | 187 | SQ. FT. |
| REM & DISP UNS MATL | 60 | 0 | 0 | 14 | 0 | 0 | 0 | 74 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 263 | 0 | 0 | 129 | 0 | 0 | 0 | 367 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|-----|----|----|----|-------|---------|
| EARTH EXCAVATION | 47 | 0 | 0 | 157 | 0 | 0 | 19 | 207 | SQ. FT. |
| REM & DISP UNS MATL | 51 | 0 | 0 | 17 | 0 | 0 | 0 | 68 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 268 | 0 | 0 | 106 | 0 | 0 | 0 | 359 | SQ. FT. |



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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

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 SCALES

CROSS SECTIONS - QUENTIN ROAD
 SHEET NO. 20 OF 89 SHEETS
 STA. 434+00 TO STA. 435+00

| | | | | |
|---|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 703 |
| CONTRACT NO. 61E22 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

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LEGEND

AGGREGATE SUBGRADE IMPROVEMENT

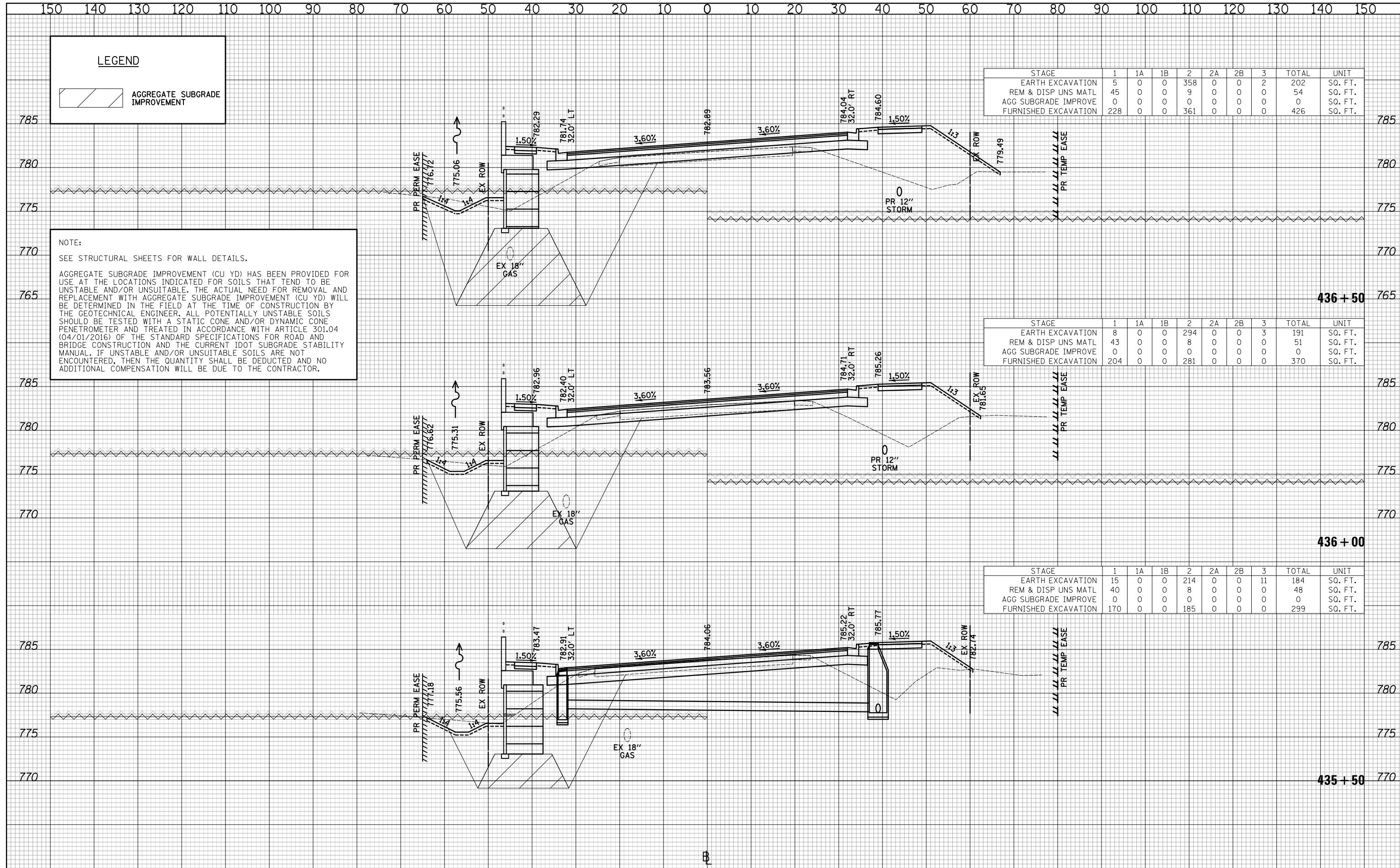
NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE AND/OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 (04/01/2016) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE CURRENT IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|-----|----|----|---|-------|---------|
| EARTH EXCAVATION | 5 | 0 | 0 | 358 | 0 | 0 | 2 | 202 | SQ. FT. |
| REM & DISP UNS MATL | 45 | 0 | 0 | 9 | 0 | 0 | 0 | 54 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 228 | 0 | 0 | 361 | 0 | 0 | 0 | 426 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|-----|----|----|---|-------|---------|
| EARTH EXCAVATION | 8 | 0 | 0 | 294 | 0 | 0 | 3 | 191 | SQ. FT. |
| REM & DISP UNS MATL | 43 | 0 | 0 | 8 | 0 | 0 | 0 | 51 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 204 | 0 | 0 | 281 | 0 | 0 | 0 | 370 | SQ. FT. |

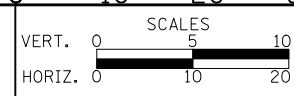
| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|-----|----|----|----|-------|---------|
| EARTH EXCAVATION | 15 | 0 | 0 | 214 | 0 | 0 | 11 | 184 | SQ. FT. |
| REM & DISP UNS MATL | 40 | 0 | 0 | 8 | 0 | 0 | 0 | 48 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 170 | 0 | 0 | 185 | 0 | 0 | 0 | 299 | SQ. FT. |



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| DATE - 3/12/2018 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



CROSS SECTIONS - QUENTIN ROAD
SHEET NO. 21 OF 89 SHEETS STA. 435+50 TO STA. 436+50

| | | | | |
|---|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 704 |
| CONTRACT NO. 61E22 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

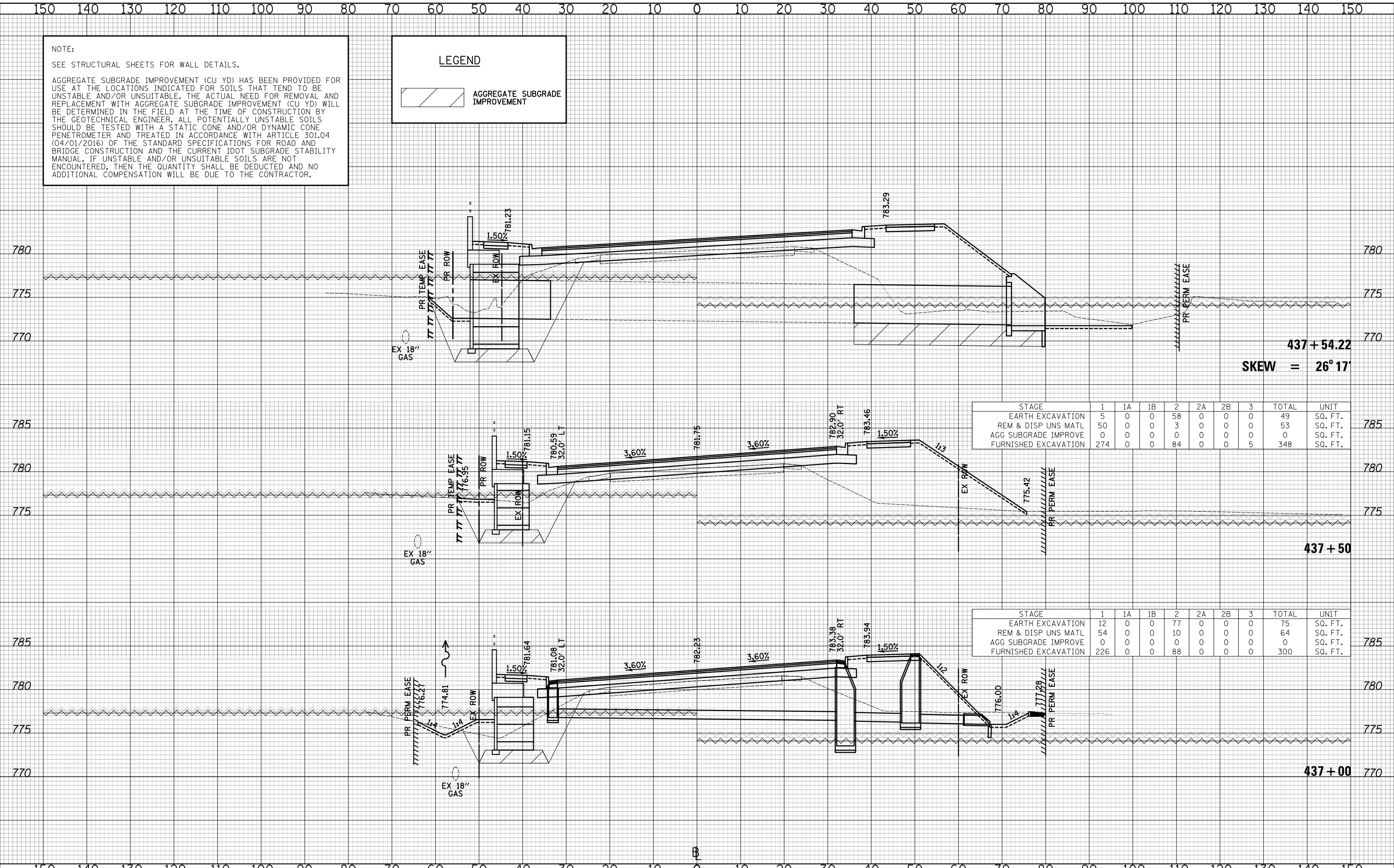
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NOTE:
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LEGEND

AGGREGATE SUBGRADE IMPROVEMENT



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 5 | 0 | 0 | 58 | 0 | 0 | 0 | 49 | SQ. FT. |
| REM & DISP UNS MATL | 50 | 0 | 0 | 3 | 0 | 0 | 0 | 53 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 274 | 0 | 0 | 84 | 0 | 0 | 5 | 348 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 12 | 0 | 0 | 77 | 0 | 0 | 0 | 75 | SQ. FT. |
| REM & DISP UNS MATL | 54 | 0 | 0 | 10 | 0 | 0 | 0 | 64 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 226 | 0 | 0 | 88 | 0 | 0 | 0 | 300 | SQ. FT. |

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**



CROSS SECTIONS - QUENTIN ROAD

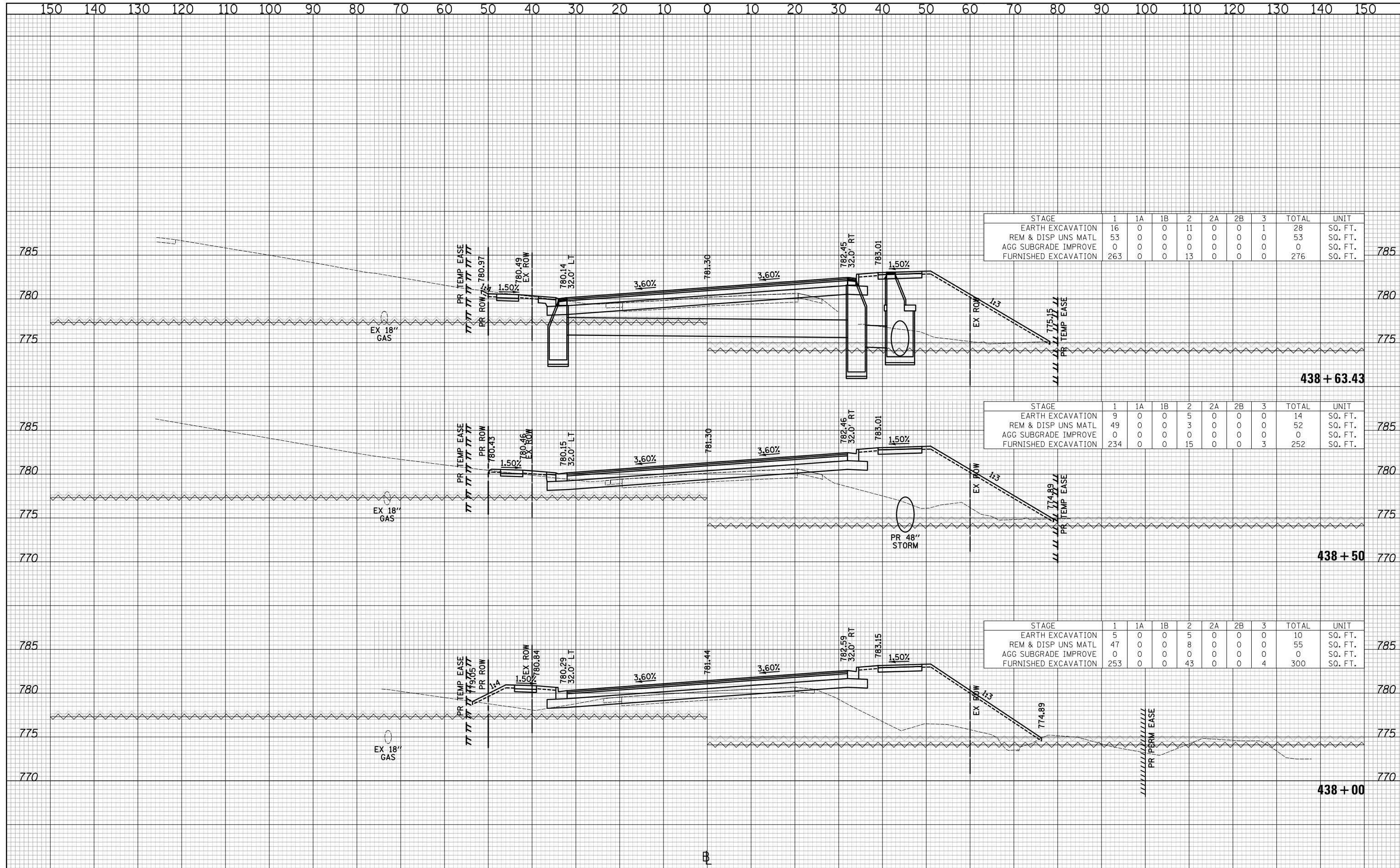
SHEET NO. 22 OF 89 SHEETS STA. 437+00 TO STA. 437+54.22

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|----------------|--------|--------------|-----------|
| 2574 | 08-00090-12-CH | LAKE | 778 | 705 |

CONTRACT NO. 61E22
 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

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| ORIGINAL SURVEY | SURVEYED |
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| | AREAS CHECKED |



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 16 | 0 | 0 | 11 | 0 | 0 | 1 | 28 | SQ. FT. |
| REM & DISP UNS MATL | 53 | 0 | 0 | 0 | 0 | 0 | 0 | 53 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 263 | 0 | 0 | 13 | 0 | 0 | 0 | 276 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 9 | 0 | 0 | 5 | 0 | 0 | 0 | 14 | SQ. FT. |
| REM & DISP UNS MATL | 49 | 0 | 0 | 3 | 0 | 0 | 0 | 52 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 234 | 0 | 0 | 15 | 0 | 0 | 3 | 252 | SQ. FT. |

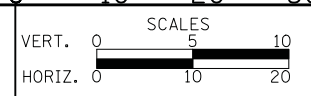
| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 10 | SQ. FT. |
| REM & DISP UNS MATL | 47 | 0 | 0 | 8 | 0 | 0 | 0 | 55 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 253 | 0 | 0 | 43 | 0 | 0 | 4 | 300 | SQ. FT. |

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DEPARTMENT OF TRANSPORTATION



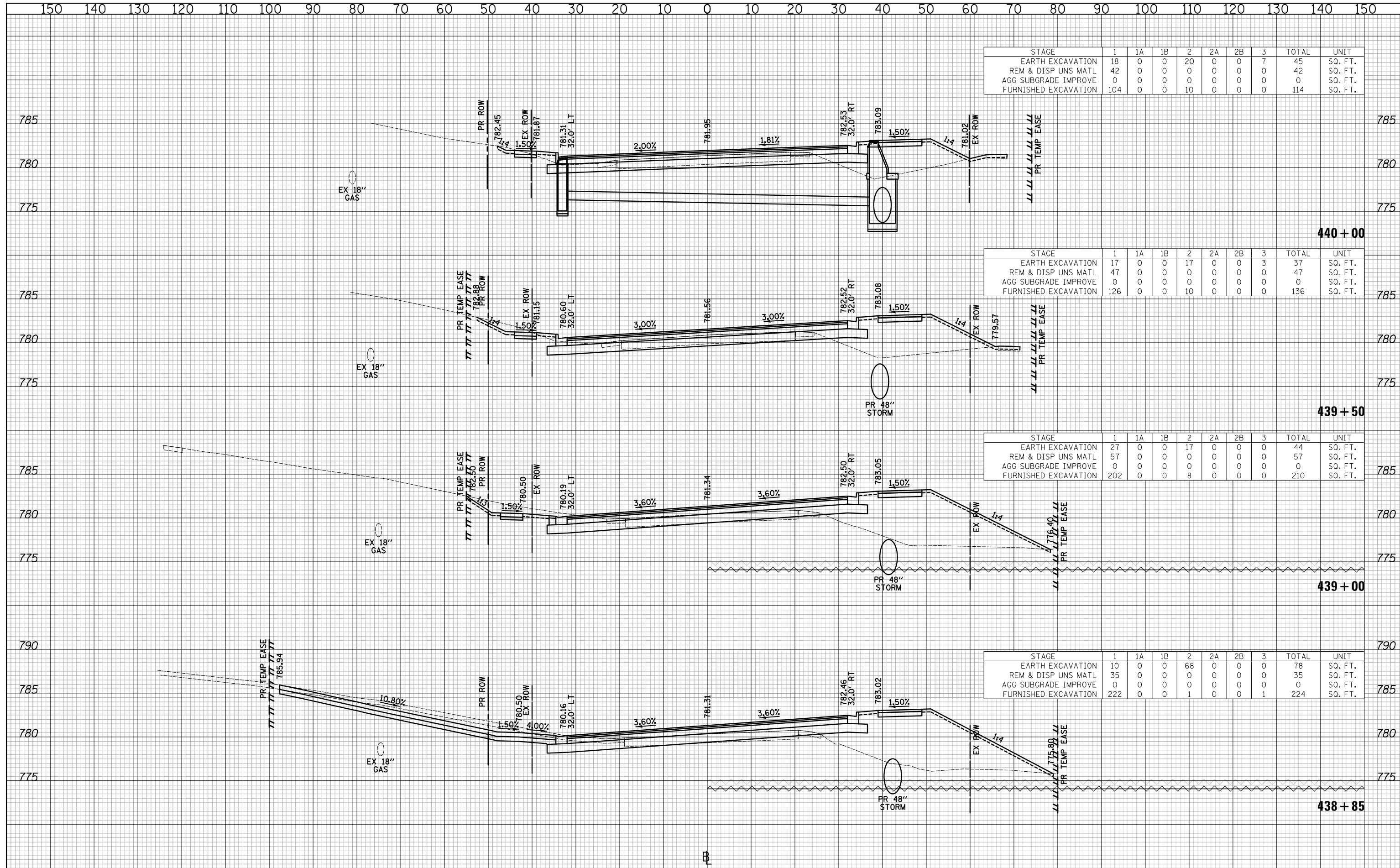
CROSS SECTIONS - QUENTIN ROAD

SHEET NO. 23 OF 89 SHEETS | STA. 438+00 TO STA. 438+63.43

| | | | | |
|---|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 706 |
| CONTRACT NO. 61E22 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

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 ORIGINAL SURVEY _____
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 TEMPLATE _____
 AREAS CHECKED _____
 NO. _____



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 18 | 0 | 0 | 20 | 0 | 0 | 7 | 45 | SQ. FT. |
| REM & DISP UNS MATL | 42 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 104 | 0 | 0 | 10 | 0 | 0 | 0 | 114 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 17 | 0 | 0 | 17 | 0 | 0 | 3 | 37 | SQ. FT. |
| REM & DISP UNS MATL | 47 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 126 | 0 | 0 | 10 | 0 | 0 | 0 | 136 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 27 | 0 | 0 | 17 | 0 | 0 | 0 | 44 | SQ. FT. |
| REM & DISP UNS MATL | 57 | 0 | 0 | 0 | 0 | 0 | 0 | 57 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 202 | 0 | 0 | 8 | 0 | 0 | 0 | 210 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 10 | 0 | 0 | 68 | 0 | 0 | 0 | 78 | SQ. FT. |
| REM & DISP UNS MATL | 35 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 222 | 0 | 0 | 1 | 0 | 0 | 1 | 224 | SQ. FT. |

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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CROSS SECTIONS - QUENTIN ROAD

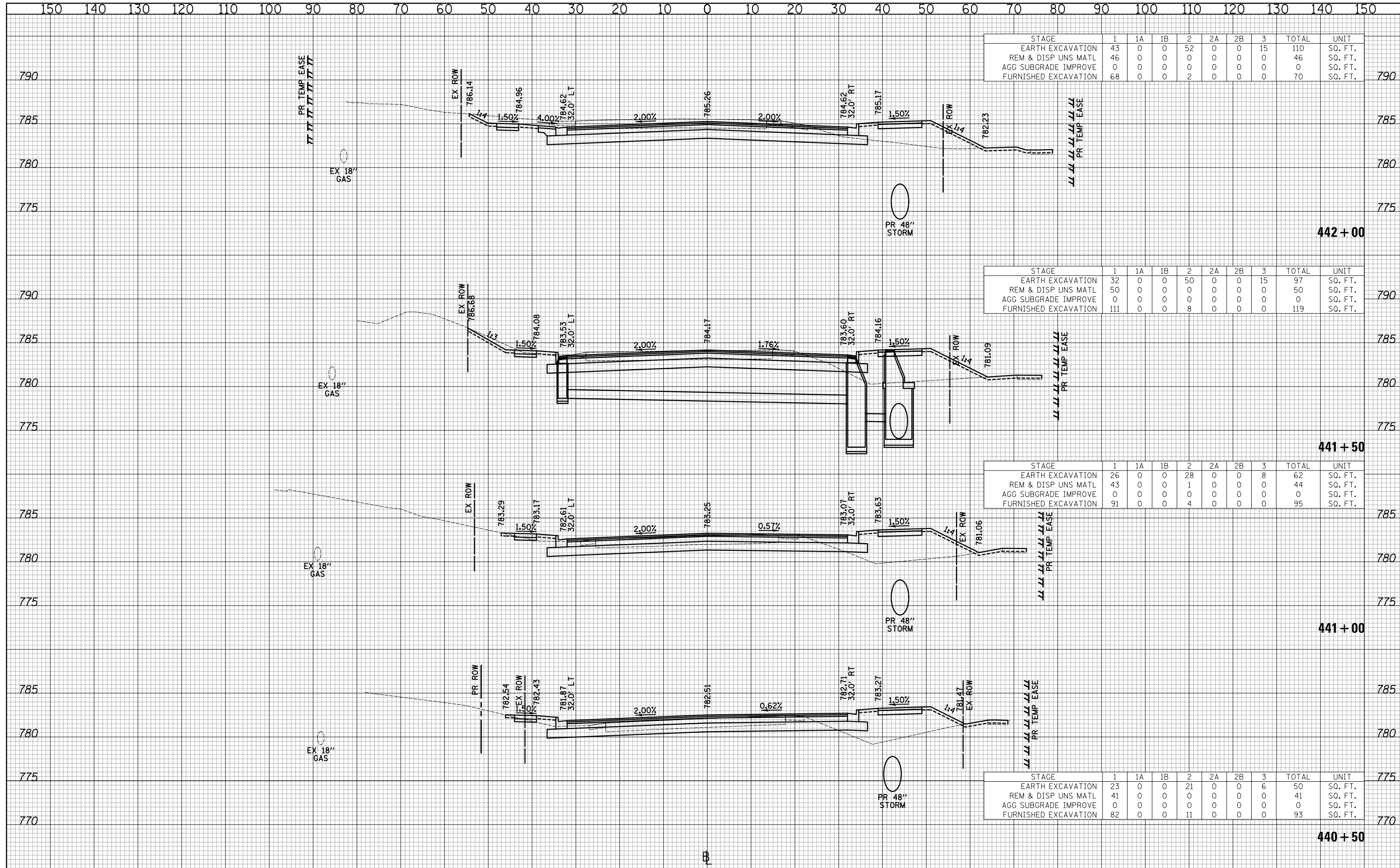
SHEET NO. 24 OF 89 SHEETS STA. 438+85 TO STA. 440+00

| | | | | |
|--------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 707 |
| CONTRACT NO. 61E22 | | | | |

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

DATE _____
 BY _____
 SURVEYED _____
 PLOTTED _____
 TEMPLATE _____
 AREAS CHECKED _____
 NO. _____

DATE _____
 BY _____
 SURVEYED _____
 PLOTTED _____
 TEMPLATE _____
 AREAS CHECKED _____
 NO. _____



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 43 | 0 | 0 | 52 | 0 | 0 | 15 | 110 | SQ. FT. |
| REM & DISP UNS MATL | 46 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 68 | 0 | 0 | 2 | 0 | 0 | 0 | 70 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 32 | 0 | 0 | 50 | 0 | 0 | 15 | 97 | SQ. FT. |
| REM & DISP UNS MATL | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 111 | 0 | 0 | 8 | 0 | 0 | 0 | 119 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 26 | 0 | 0 | 28 | 0 | 0 | 8 | 62 | SQ. FT. |
| REM & DISP UNS MATL | 43 | 0 | 0 | 1 | 0 | 0 | 0 | 44 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 91 | 0 | 0 | 4 | 0 | 0 | 0 | 95 | SQ. FT. |

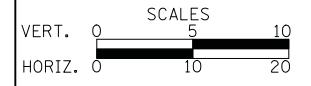
| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 23 | 0 | 0 | 21 | 0 | 0 | 6 | 50 | SQ. FT. |
| REM & DISP UNS MATL | 41 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 82 | 0 | 0 | 11 | 0 | 0 | 0 | 93 | SQ. FT. |

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**



CROSS SECTIONS - QUENTIN ROAD

SHEET NO. 25 OF 89 SHEETS STA. 440+50 TO STA. 442+00

| | | | | |
|--------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 708 |
| CONTRACT NO. 61E22 | | | | |

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

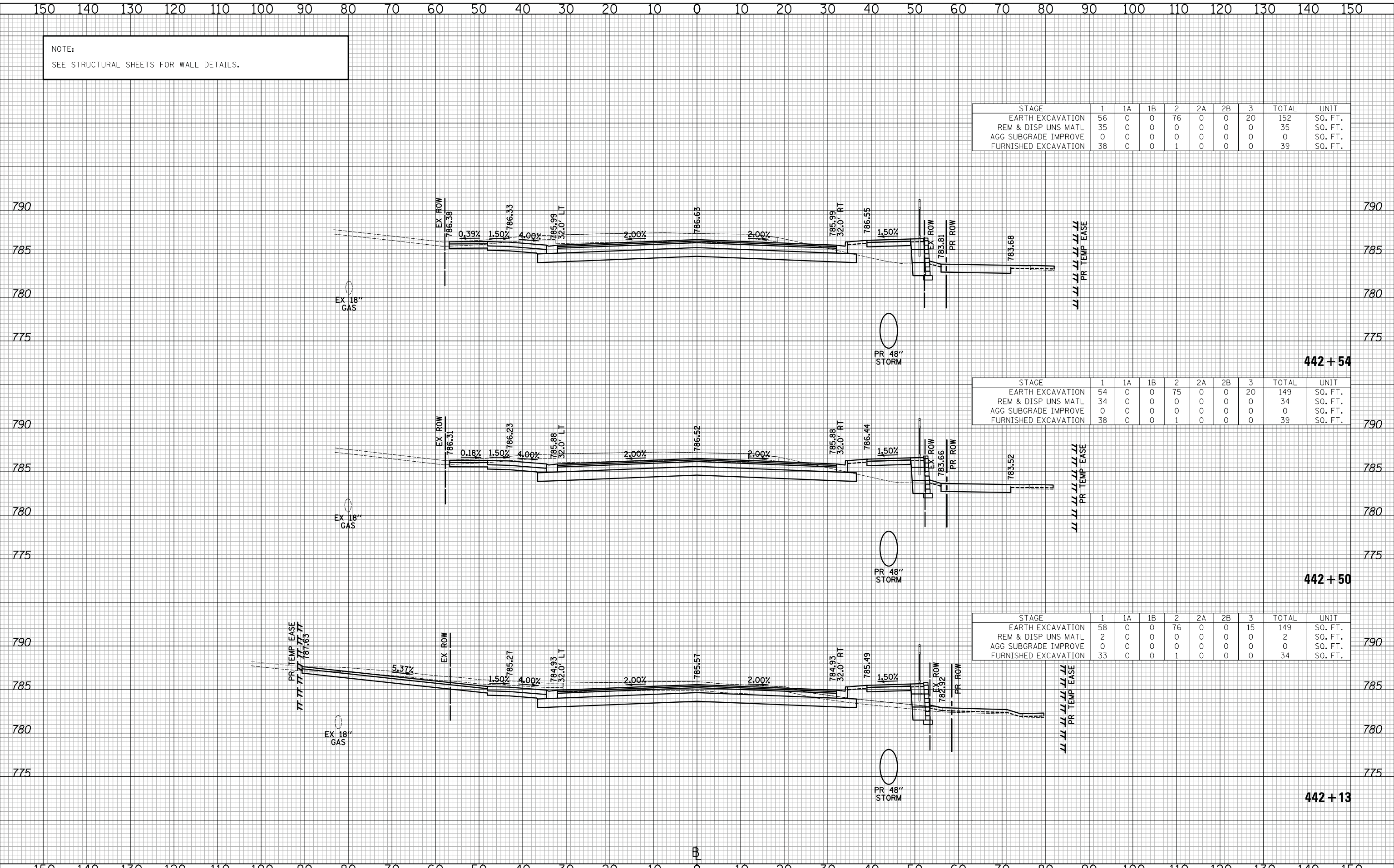
| | |
|-------------------------|--|
| DATE | |
| BY | |
| FINISHED SURVEY | |
| PLOTTED TEMPLATE | |
| NOTE BOOK AREAS CHECKED | |
| NO. | |

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|-------------------------|--|
| DATE | |
| BY | |
| ORIGINAL SURVEY | |
| PLOTTED TEMPLATE | |
| NOTE BOOK AREAS CHECKED | |
| NO. | |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 56 | 0 | 0 | 76 | 0 | 0 | 20 | 152 | SQ. FT. |
| REM & DISP UNS MATL | 35 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 38 | 0 | 0 | 1 | 0 | 0 | 0 | 39 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 54 | 0 | 0 | 75 | 0 | 0 | 20 | 149 | SQ. FT. |
| REM & DISP UNS MATL | 34 | 0 | 0 | 0 | 0 | 0 | 0 | 34 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 38 | 0 | 0 | 1 | 0 | 0 | 0 | 39 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 58 | 0 | 0 | 76 | 0 | 0 | 15 | 149 | SQ. FT. |
| REM & DISP UNS MATL | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 33 | 0 | 0 | 1 | 0 | 0 | 0 | 34 | SQ. FT. |



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| CHECKED - RTM | REVISED - |
| DATE - 3/12/2018 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



CROSS SECTIONS - QUENTIN ROAD

SHEET NO. 26 OF 89 SHEETS STA. 442+13 TO STA. 442+54

| | | | | |
|---|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 709 |
| CONTRACT NO. 61E22 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

| | |
|---------------|--|
| DATE | |
| BY | |
| SURVEYED | |
| PLOTTED | |
| TEMPLATE | |
| AREAS CHECKED | |
| FINAL SURVEY | |
| NOTE BOOK | |
| NO. | |

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|-----------------|--|
| DATE | |
| BY | |
| SURVEYED | |
| PLOTTED | |
| TEMPLATE | |
| AREAS CHECKED | |
| ORIGINAL SURVEY | |
| NOTE BOOK | |
| NO. | |

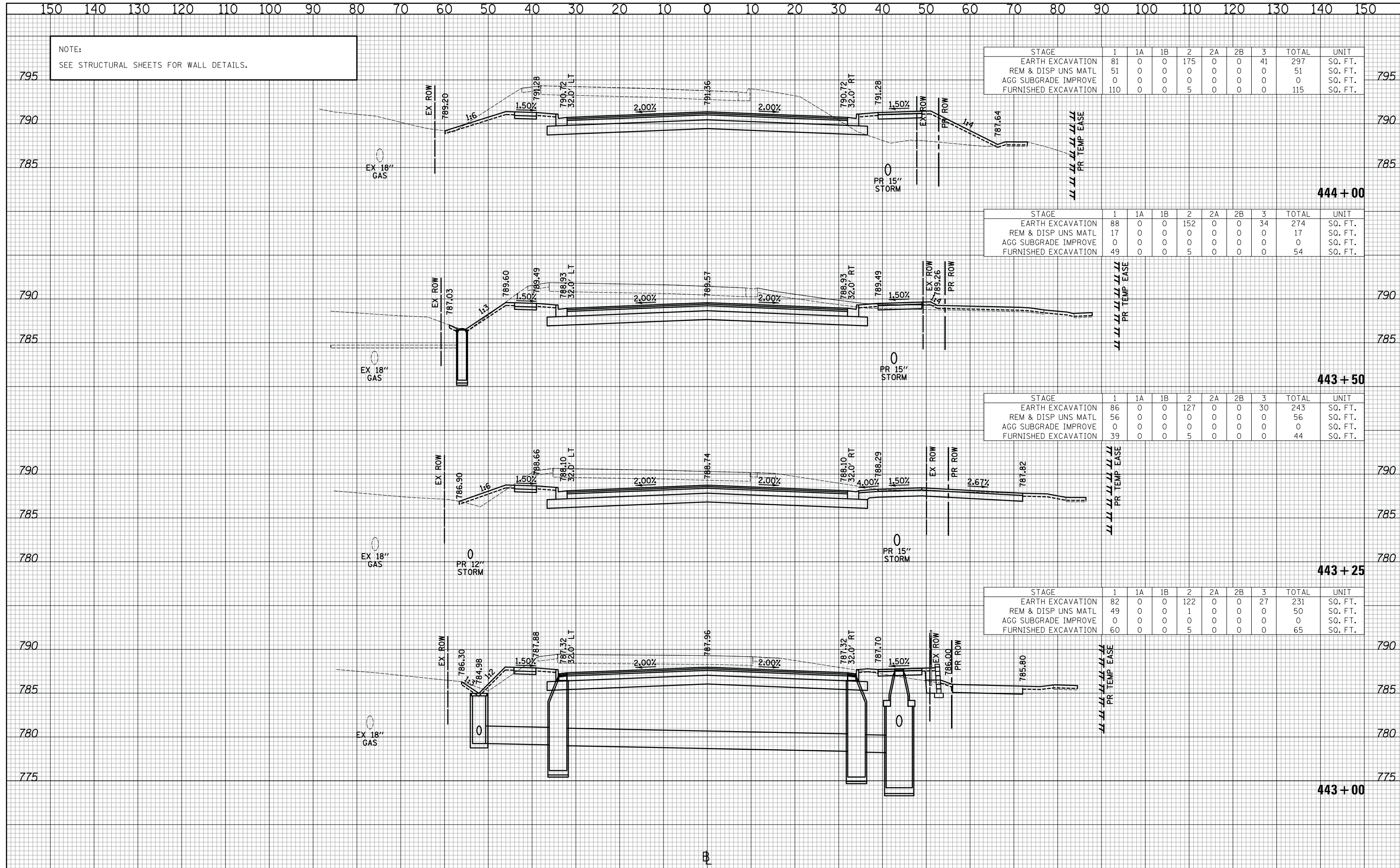
NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|-----|----|----|----|-------|---------|
| EARTH EXCAVATION | 81 | 0 | 0 | 175 | 0 | 0 | 41 | 297 | SQ. FT. |
| REM & DISP UNS MATL | 51 | 0 | 0 | 0 | 0 | 0 | 0 | 51 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 110 | 0 | 0 | 5 | 0 | 0 | 0 | 115 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|-----|----|----|----|-------|---------|
| EARTH EXCAVATION | 88 | 0 | 0 | 152 | 0 | 0 | 34 | 274 | SQ. FT. |
| REM & DISP UNS MATL | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 49 | 0 | 0 | 5 | 0 | 0 | 0 | 54 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|-----|----|----|----|-------|---------|
| EARTH EXCAVATION | 86 | 0 | 0 | 127 | 0 | 0 | 30 | 243 | SQ. FT. |
| REM & DISP UNS MATL | 56 | 0 | 0 | 0 | 0 | 0 | 0 | 56 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 39 | 0 | 0 | 5 | 0 | 0 | 0 | 44 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|-----|----|----|----|-------|---------|
| EARTH EXCAVATION | 82 | 0 | 0 | 122 | 0 | 0 | 27 | 231 | SQ. FT. |
| REM & DISP UNS MATL | 49 | 0 | 0 | 1 | 0 | 0 | 0 | 50 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 60 | 0 | 0 | 5 | 0 | 0 | 0 | 65 | SQ. FT. |

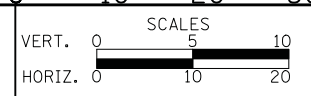


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DEPARTMENT OF TRANSPORTATION

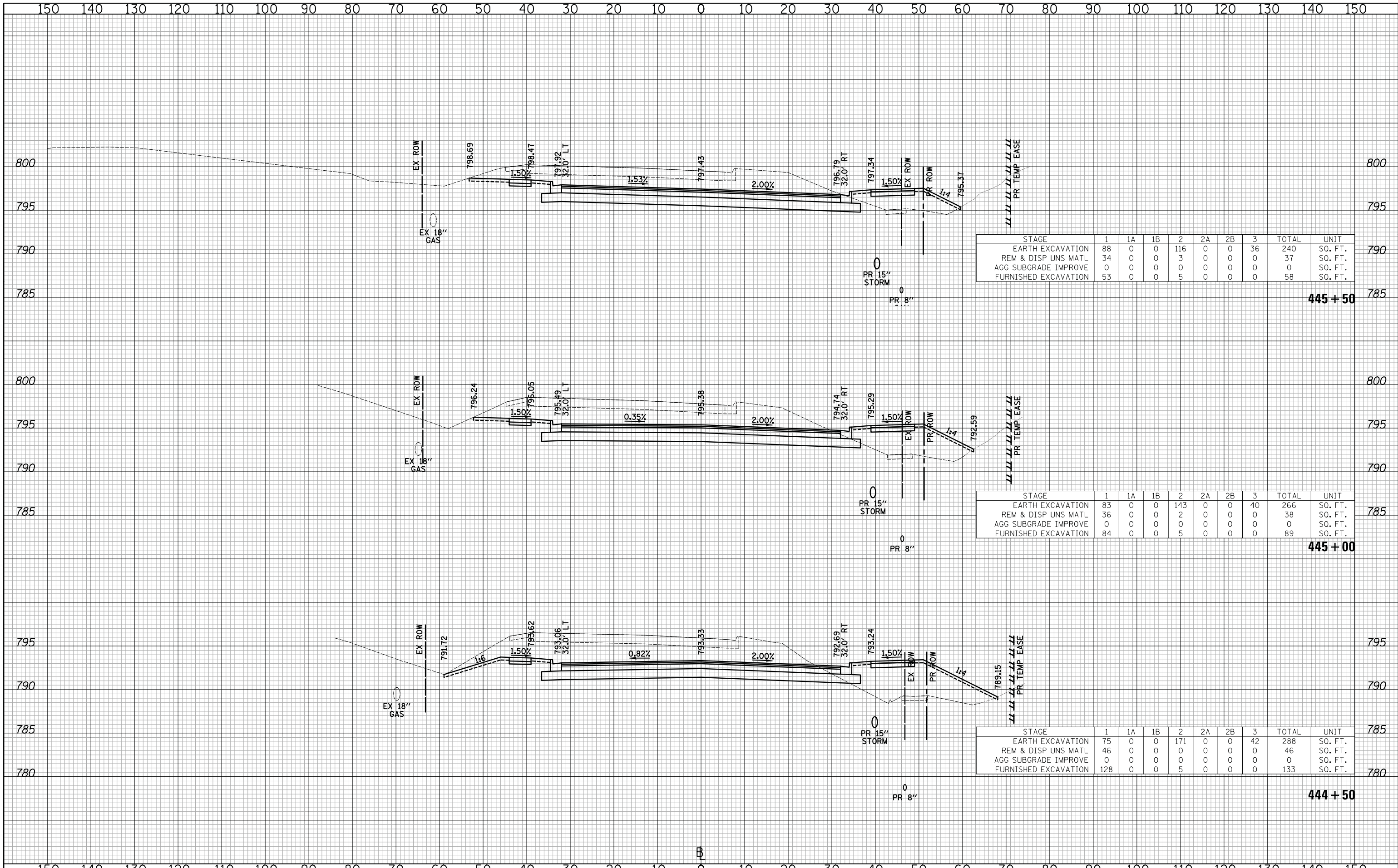


CROSS SECTIONS - QUENTIN ROAD
SHEET NO. 27 OF 89 SHEETS
STA. 443+00 TO STA. 444+00

| | | | | |
|---|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 710 |
| CONTRACT NO. 61E22 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

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| DATE | |
| BY | |
| SURVEYED | |
| PLOTTED | |
| TEMPLATE | |
| AREAS | |
| CHECKED | |
| NO. | |

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| DATE | |
| BY | |
| SURVEYED | |
| PLOTTED | |
| TEMPLATE | |
| AREAS | |
| CHECKED | |
| NO. | |



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|-----|----|----|----|-------|---------|
| EARTH EXCAVATION | 88 | 0 | 0 | 116 | 0 | 0 | 36 | 240 | SQ. FT. |
| REM & DISP UNS MATL | 34 | 0 | 0 | 3 | 0 | 0 | 0 | 37 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 53 | 0 | 0 | 5 | 0 | 0 | 0 | 58 | SQ. FT. |

445 + 50

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|-----|----|----|----|-------|---------|
| EARTH EXCAVATION | 83 | 0 | 0 | 143 | 0 | 0 | 40 | 266 | SQ. FT. |
| REM & DISP UNS MATL | 36 | 0 | 0 | 2 | 0 | 0 | 0 | 38 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 84 | 0 | 0 | 5 | 0 | 0 | 0 | 89 | SQ. FT. |

445 + 00

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|-----|----|----|----|-------|---------|
| EARTH EXCAVATION | 75 | 0 | 0 | 171 | 0 | 0 | 42 | 288 | SQ. FT. |
| REM & DISP UNS MATL | 46 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 128 | 0 | 0 | 5 | 0 | 0 | 0 | 133 | SQ. FT. |

444 + 50

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| CHECKED - RTM | REVISED - |
| DATE - 3/12/2018 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



CROSS SECTIONS - QUENTIN ROAD

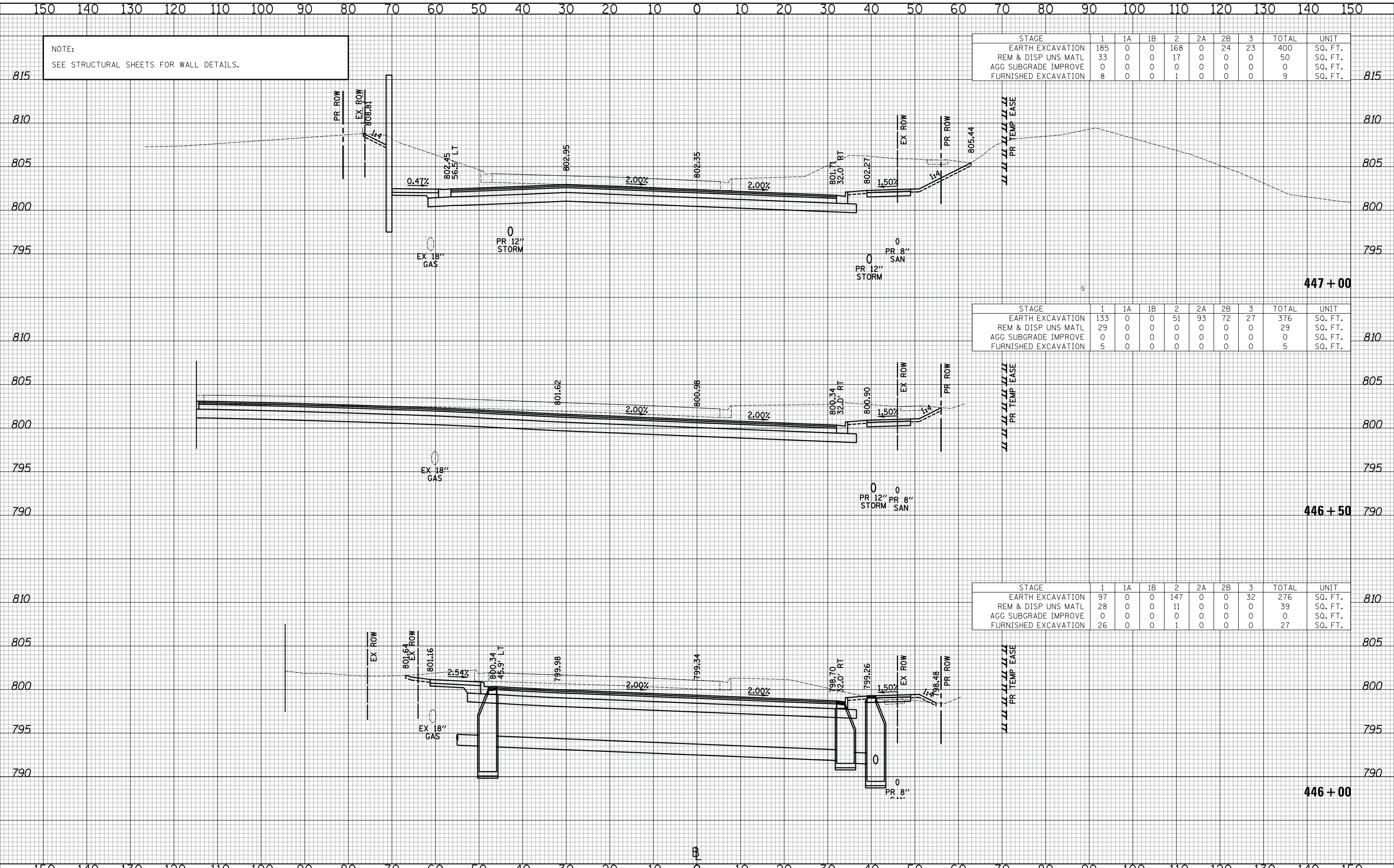
SHEET NO. 28 OF 89 SHEETS STA. 444+50 TO STA. 445+50

| | | | | |
|---|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 711 |
| CONTRACT NO. 61E22 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

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| DATE | |
| BY | |
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| DATE | |
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| SURVEYED | |
| PLOTTED | |
| TEMPLATE | |
| AREAS | |
| CHECKED | |
| NO. | |

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|-----|----|----|----|-------|---------|
| EARTH EXCAVATION | 185 | 0 | 0 | 168 | 0 | 24 | 23 | 400 | SQ. FT. |
| REM & DISP UNS MATL | 33 | 0 | 0 | 17 | 0 | 0 | 0 | 50 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 8 | 0 | 0 | 1 | 0 | 0 | 0 | 9 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 133 | 0 | 0 | 51 | 93 | 72 | 27 | 376 | SQ. FT. |
| REM & DISP UNS MATL | 29 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|-----|----|----|----|-------|---------|
| EARTH EXCAVATION | 97 | 0 | 0 | 147 | 0 | 0 | 32 | 276 | SQ. FT. |
| REM & DISP UNS MATL | 28 | 0 | 0 | 11 | 0 | 0 | 0 | 39 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 26 | 0 | 0 | 1 | 0 | 0 | 0 | 27 | SQ. FT. |

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



CROSS SECTIONS - QUENTIN ROAD

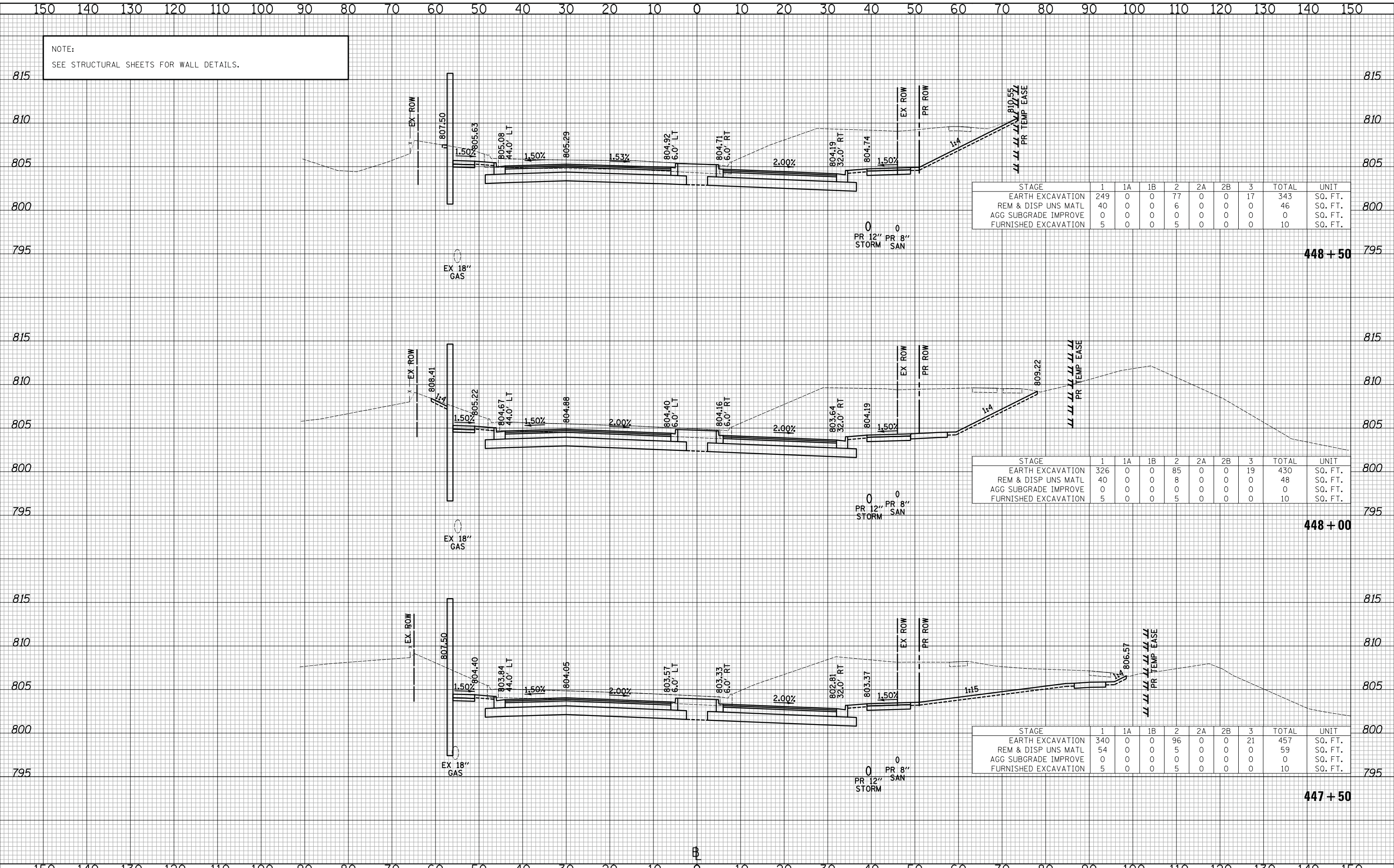
SHEET NO. 29 OF 89 SHEETS STA. 446+00 TO STA. 447+00

| | | | | |
|---|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 712 |
| CONTRACT NO. 61E22 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

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|----------|--|
| DATE | |
| BY | |
| SURVEYED | |
| PLOTTED | |
| TEMPLATE | |
| AREAS | |
| CHECKED | |
| NO. | |

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| DATE | |
| BY | |
| SURVEYED | |
| PLOTTED | |
| TEMPLATE | |
| AREAS | |
| CHECKED | |
| NO. | |



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 249 | 0 | 0 | 77 | 0 | 0 | 17 | 343 | SQ. FT. |
| REM & DISP UNS MATL | 40 | 0 | 0 | 6 | 0 | 0 | 0 | 46 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 10 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 326 | 0 | 0 | 85 | 0 | 0 | 19 | 430 | SQ. FT. |
| REM & DISP UNS MATL | 40 | 0 | 0 | 8 | 0 | 0 | 0 | 48 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 10 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 340 | 0 | 0 | 96 | 0 | 0 | 21 | 457 | SQ. FT. |
| REM & DISP UNS MATL | 54 | 0 | 0 | 5 | 0 | 0 | 0 | 59 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 10 | SQ. FT. |

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



CROSS SECTIONS - QUENTIN ROAD

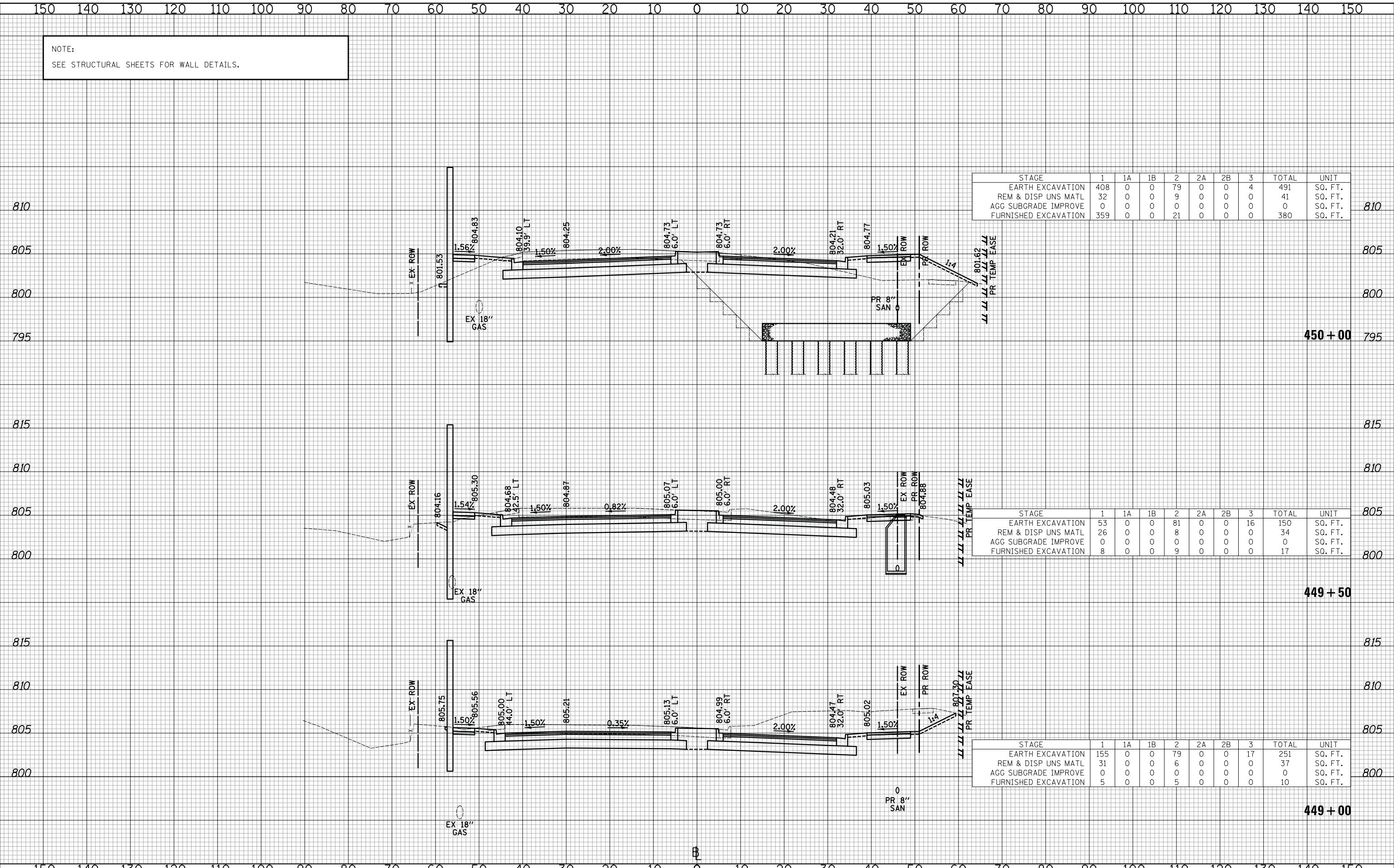
SHEET NO. 30 OF 89 SHEETS STA. 447+50 TO STA. 448+50

| | | | | |
|--------------------------------|----------------|--------|--------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 713 |
| FED. ROAD DIST. NO. 1 ILLINOIS | | | CONTRACT NO. 61E22 | |

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

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| DATE | |
| BY | |
| SURVEYED | |
| PLOTTED | |
| TEMPLATE | |
| AREAS | |
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| DATE | |
| BY | |
| SURVEYED | |
| PLOTTED | |
| TEMPLATE | |
| AREAS | |
| CHECKED | |
| NO. | |



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 408 | 0 | 0 | 79 | 0 | 0 | 4 | 491 | SQ. FT. |
| REM & DISP UNS MATL | 32 | 0 | 0 | 9 | 0 | 0 | 0 | 41 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 359 | 0 | 0 | 21 | 0 | 0 | 0 | 380 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 53 | 0 | 0 | 81 | 0 | 0 | 16 | 150 | SQ. FT. |
| REM & DISP UNS MATL | 26 | 0 | 0 | 8 | 0 | 0 | 0 | 34 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 8 | 0 | 0 | 9 | 0 | 0 | 0 | 17 | SQ. FT. |

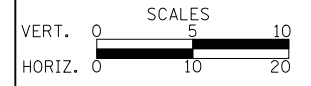
| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 155 | 0 | 0 | 79 | 0 | 0 | 17 | 251 | SQ. FT. |
| REM & DISP UNS MATL | 31 | 0 | 0 | 6 | 0 | 0 | 0 | 37 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 10 | SQ. FT. |

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



CROSS SECTIONS - QUENTIN ROAD

SHEET NO. 31 OF 89 SHEETS STA. 449+00 TO STA. 450+00

| | | | | |
|---|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 714 |
| CONTRACT NO. 61E22 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

NOTE:
SEE STRUCTURAL SHEETS FOR WALL AND VIBRO CONCRETE COLUMN
GROUND IMPROVEMENT DETAILS.
FOR BENCHING SEE STANDARD DETAIL BD-51.

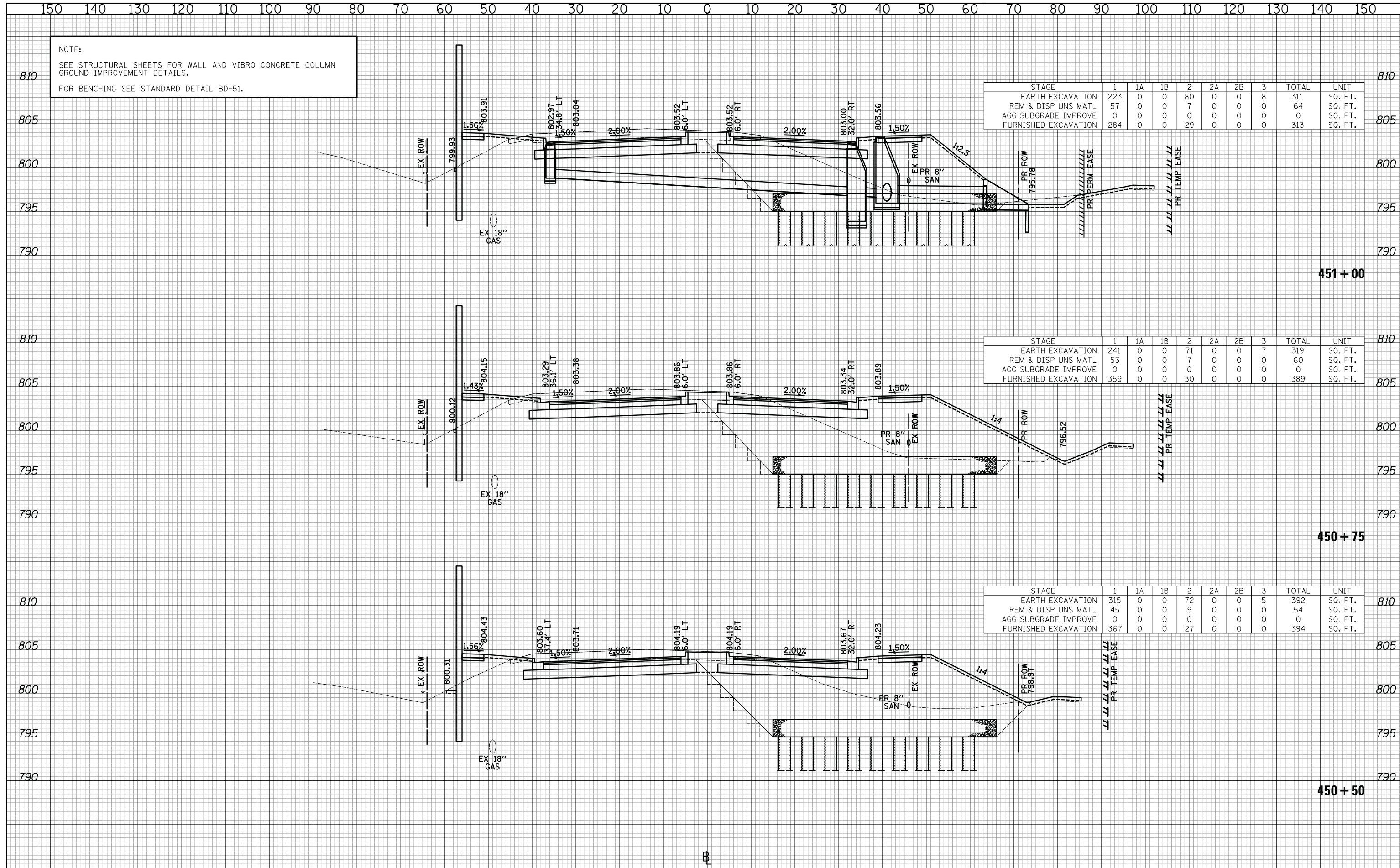
| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 223 | 0 | 0 | 80 | 0 | 0 | 8 | 311 | SQ. FT. |
| REM & DISP UNS MATL | 57 | 0 | 0 | 7 | 0 | 0 | 0 | 64 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 284 | 0 | 0 | 29 | 0 | 0 | 0 | 313 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 241 | 0 | 0 | 71 | 0 | 0 | 7 | 319 | SQ. FT. |
| REM & DISP UNS MATL | 53 | 0 | 0 | 7 | 0 | 0 | 0 | 60 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 359 | 0 | 0 | 30 | 0 | 0 | 0 | 389 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 315 | 0 | 0 | 72 | 0 | 0 | 5 | 392 | SQ. FT. |
| REM & DISP UNS MATL | 45 | 0 | 0 | 9 | 0 | 0 | 0 | 54 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 367 | 0 | 0 | 27 | 0 | 0 | 0 | 394 | SQ. FT. |

| | | | | | | |
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| DATE | BY | SURVEYED | PLOTTED | TEMPLATE | AREAS | CHECKED |
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| DATE | BY | SURVEYED | PLOTTED | TEMPLATE | AREAS | CHECKED |
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| NO. | | | | | | |



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



CROSS SECTIONS - QUENTIN ROAD

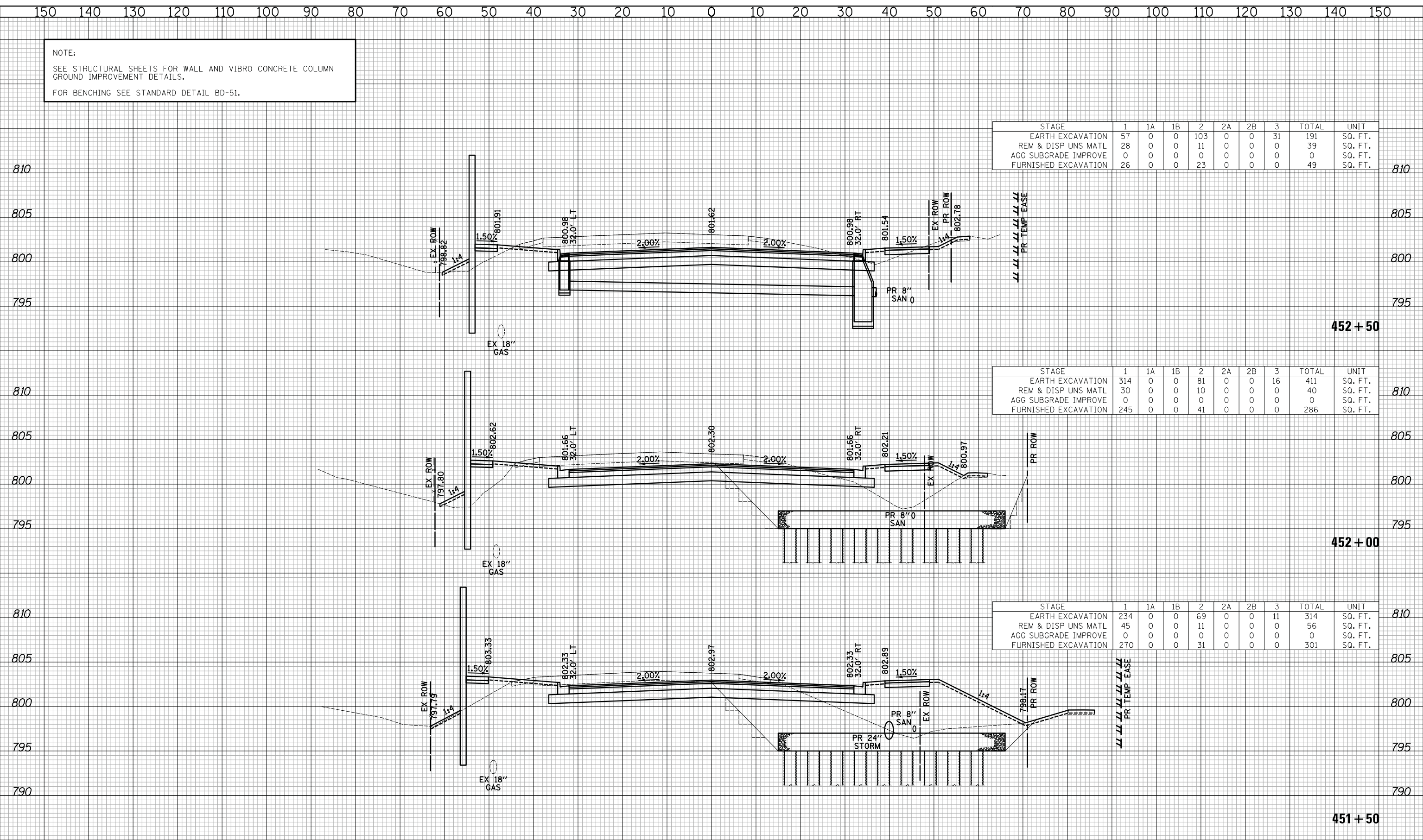
SHEET NO. 32 OF 89 SHEETS STA. 450+50 TO STA. 451+00

| | | | | |
|--------------------|----------------|--------|---|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 715 |
| CONTRACT NO. 61E22 | | | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | |

NOTE:
SEE STRUCTURAL SHEETS FOR WALL AND VIBRO CONCRETE COLUMN
GROUND IMPROVEMENT DETAILS.
FOR BENCHING SEE STANDARD DETAIL BD-51.

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| DATE | |
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| AREAS | |
| CHECKED | |
| ORIGINAL | |
| NO. | |



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|-----|----|----|----|-------|---------|
| EARTH EXCAVATION | 57 | 0 | 0 | 103 | 0 | 0 | 31 | 191 | SQ. FT. |
| REM & DISP UNS MATL | 28 | 0 | 0 | 11 | 0 | 0 | 0 | 39 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 26 | 0 | 0 | 23 | 0 | 0 | 0 | 49 | SQ. FT. |

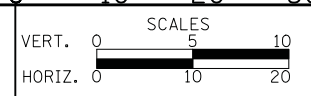
| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 314 | 0 | 0 | 81 | 0 | 0 | 16 | 411 | SQ. FT. |
| REM & DISP UNS MATL | 30 | 0 | 0 | 10 | 0 | 0 | 0 | 40 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 245 | 0 | 0 | 41 | 0 | 0 | 0 | 286 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 234 | 0 | 0 | 69 | 0 | 0 | 11 | 314 | SQ. FT. |
| REM & DISP UNS MATL | 45 | 0 | 0 | 11 | 0 | 0 | 0 | 56 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 270 | 0 | 0 | 31 | 0 | 0 | 0 | 301 | SQ. FT. |

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| DRAWN - JRR | REVISED - |
| CHECKED - RTM | REVISED - |
| DATE - 11/13/2017 | REVISED - |

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CROSS SECTIONS - QUENTIN ROAD
SHEET NO. 33 OF 89 SHEETS STA. 451+50 TO STA. 452+50

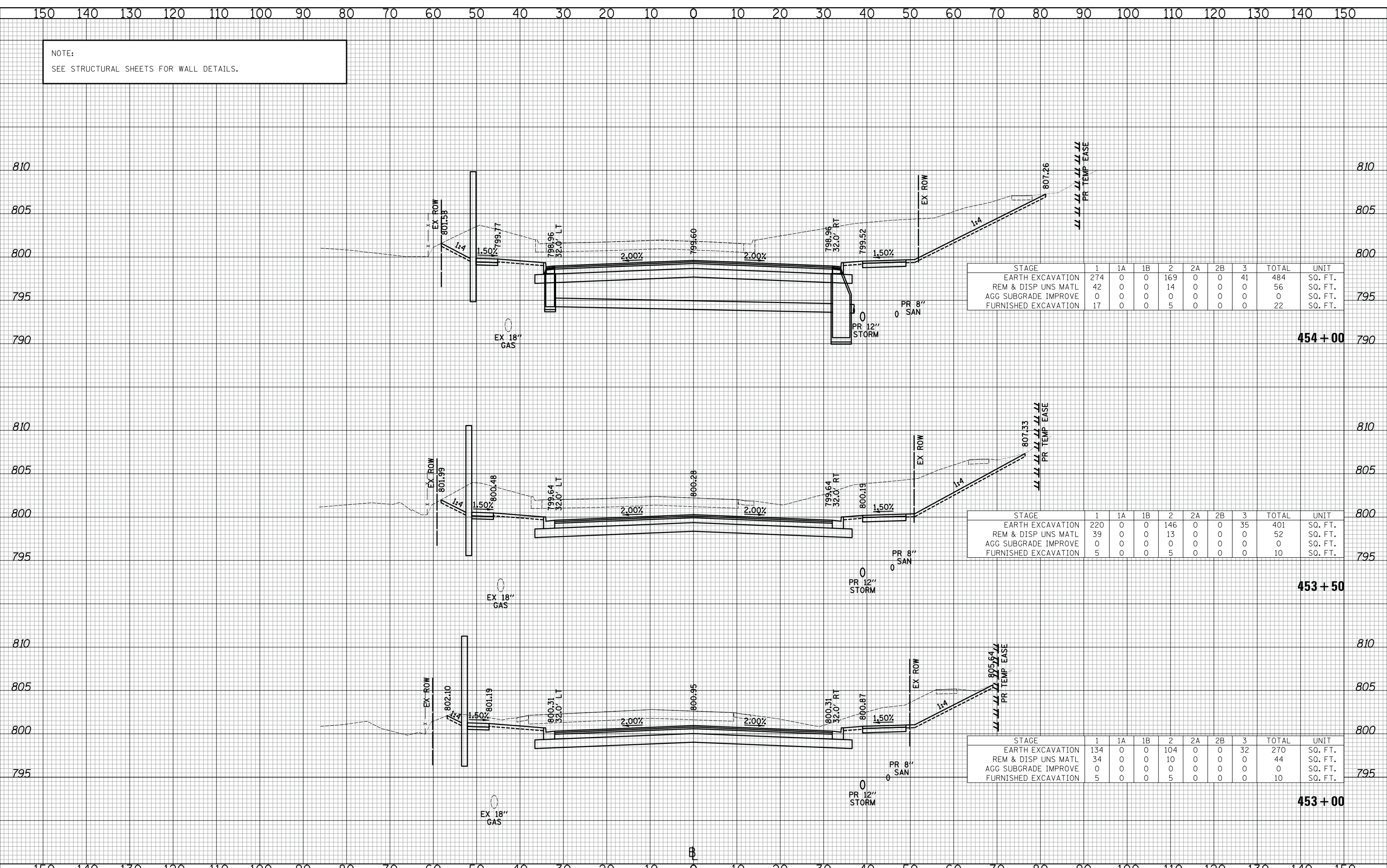
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|----------------|--------|--------------|-----------|
| 2574 | 08-00090-12-CH | LAKE | 778 | 716 |

CONTRACT NO. 61E22
FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

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| DATE | |
| BY | |
| SURVEYED | |
| PLOTTED | |
| TEMPLATE | |
| NOTE BOOK | |
| AREAS CHECKED | |
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| BY | |
| SURVEYED | |
| PLOTTED | |
| TEMPLATE | |
| NOTE BOOK | |
| AREAS CHECKED | |
| NO. | |



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|-----|----|----|----|-------|---------|
| EARTH EXCAVATION | 274 | 0 | 0 | 169 | 0 | 0 | 41 | 484 | SQ. FT. |
| REM & DISP UNS MATL | 42 | 0 | 0 | 14 | 0 | 0 | 0 | 56 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 17 | 0 | 0 | 5 | 0 | 0 | 0 | 22 | SQ. FT. |

454+00

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|-----|----|----|----|-------|---------|
| EARTH EXCAVATION | 220 | 0 | 0 | 146 | 0 | 0 | 35 | 401 | SQ. FT. |
| REM & DISP UNS MATL | 39 | 0 | 0 | 13 | 0 | 0 | 0 | 52 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 10 | SQ. FT. |

453+50

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|-----|----|----|----|-------|---------|
| EARTH EXCAVATION | 134 | 0 | 0 | 104 | 0 | 0 | 32 | 270 | SQ. FT. |
| REM & DISP UNS MATL | 34 | 0 | 0 | 10 | 0 | 0 | 0 | 44 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 10 | SQ. FT. |

453+00

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CROSS SECTIONS - QUENTIN ROAD

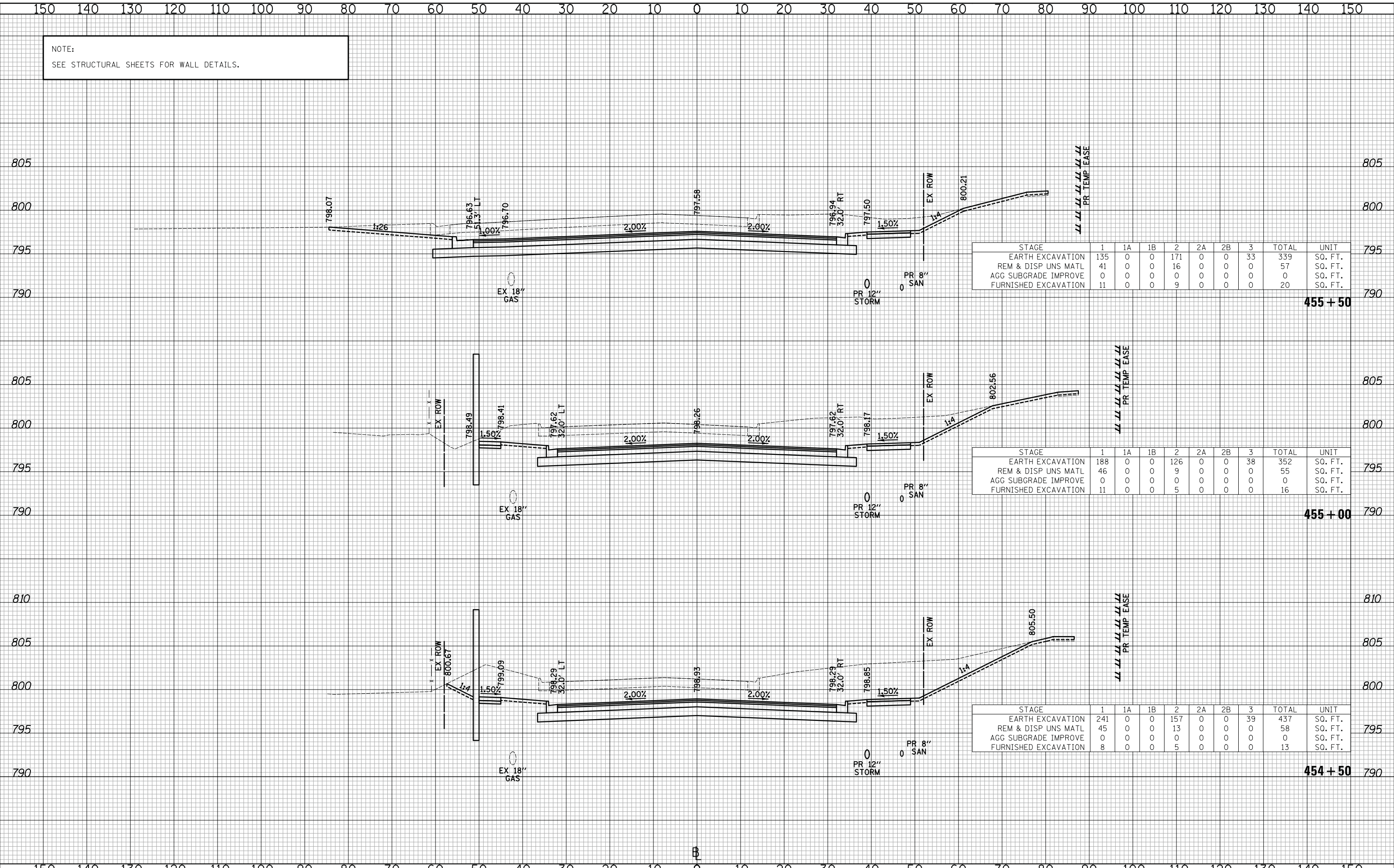
SHEET NO. 34 OF 89 SHEETS STA. 453+00 TO STA. 454+00

| | | | | |
|---|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 717 |
| CONTRACT NO. 61E22 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

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| SURVEYED | |
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| TEMPLATE | |
| AREAS CHECKED | |
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| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|-----|----|----|----|-------|-----------------|
| EARTH EXCAVATION | 135 | 0 | 0 | 171 | 0 | 0 | 33 | 339 | SQ. FT. |
| REM & DISP UNS MATL | 41 | 0 | 0 | 16 | 0 | 0 | 0 | 57 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 11 | 0 | 0 | 9 | 0 | 0 | 0 | 20 | SQ. FT. |
| | | | | | | | | | 455 + 50 |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|-----|----|----|----|-------|-----------------|
| EARTH EXCAVATION | 188 | 0 | 0 | 126 | 0 | 0 | 38 | 352 | SQ. FT. |
| REM & DISP UNS MATL | 46 | 0 | 0 | 9 | 0 | 0 | 0 | 55 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 11 | 0 | 0 | 5 | 0 | 0 | 0 | 16 | SQ. FT. |
| | | | | | | | | | 455 + 00 |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|-----|----|----|----|-------|-----------------|
| EARTH EXCAVATION | 241 | 0 | 0 | 157 | 0 | 0 | 39 | 437 | SQ. FT. |
| REM & DISP UNS MATL | 45 | 0 | 0 | 13 | 0 | 0 | 0 | 58 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 8 | 0 | 0 | 5 | 0 | 0 | 0 | 13 | SQ. FT. |
| | | | | | | | | | 454 + 50 |

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CROSS SECTIONS - QUENTIN ROAD

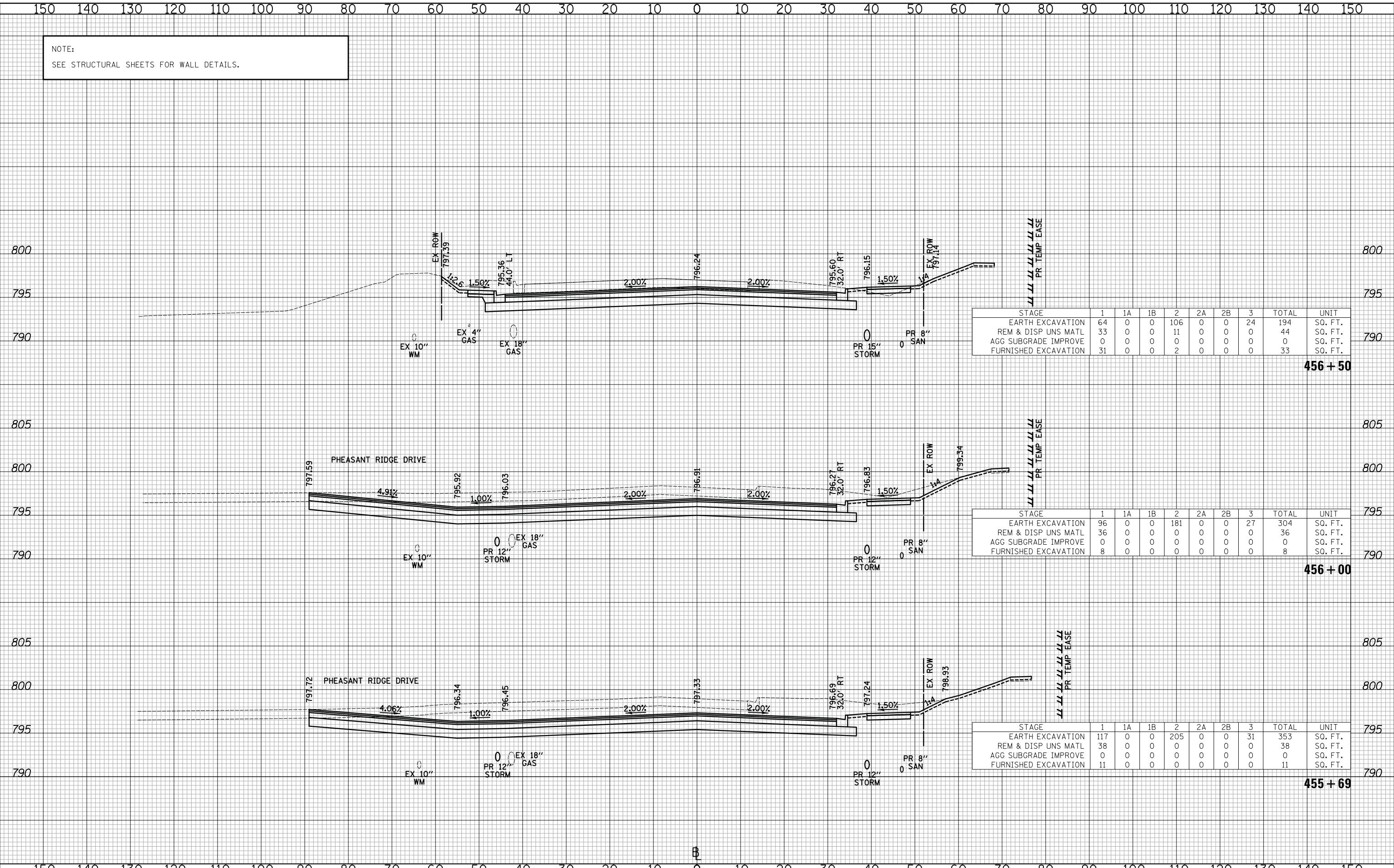
SHEET NO. 35 OF 89 SHEETS STA. 454+50 TO STA. 455+50

| | | | | |
|---|----------------|--------|--------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 718 |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 61E22 | |

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

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| SURVEYED | |
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| TEMPLATE | |
| AREAS CHECKED | |
| NO. | |



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|-----|----|----|----|-------|---------|
| EARTH EXCAVATION | 64 | 0 | 0 | 106 | 0 | 0 | 24 | 194 | SQ. FT. |
| REM & DISP UNS MATL | 33 | 0 | 0 | 11 | 0 | 0 | 0 | 44 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 31 | 0 | 0 | 2 | 0 | 0 | 0 | 33 | SQ. FT. |
| 456 + 50 | | | | | | | | | |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|-----|----|----|----|-------|---------|
| EARTH EXCAVATION | 96 | 0 | 0 | 181 | 0 | 0 | 27 | 304 | SQ. FT. |
| REM & DISP UNS MATL | 36 | 0 | 0 | 0 | 0 | 0 | 0 | 36 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | SQ. FT. |
| 456 + 00 | | | | | | | | | |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|-----|----|----|----|-------|---------|
| EARTH EXCAVATION | 117 | 0 | 0 | 205 | 0 | 0 | 31 | 353 | SQ. FT. |
| REM & DISP UNS MATL | 38 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | SQ. FT. |
| 455 + 69 | | | | | | | | | |

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



CROSS SECTIONS - QUENTIN ROAD

SHEET NO. 36 OF 89 SHEETS STA. 455+69 TO STA. 456+50

| | | | | |
|---|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 719 |
| CONTRACT NO. 61E22 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

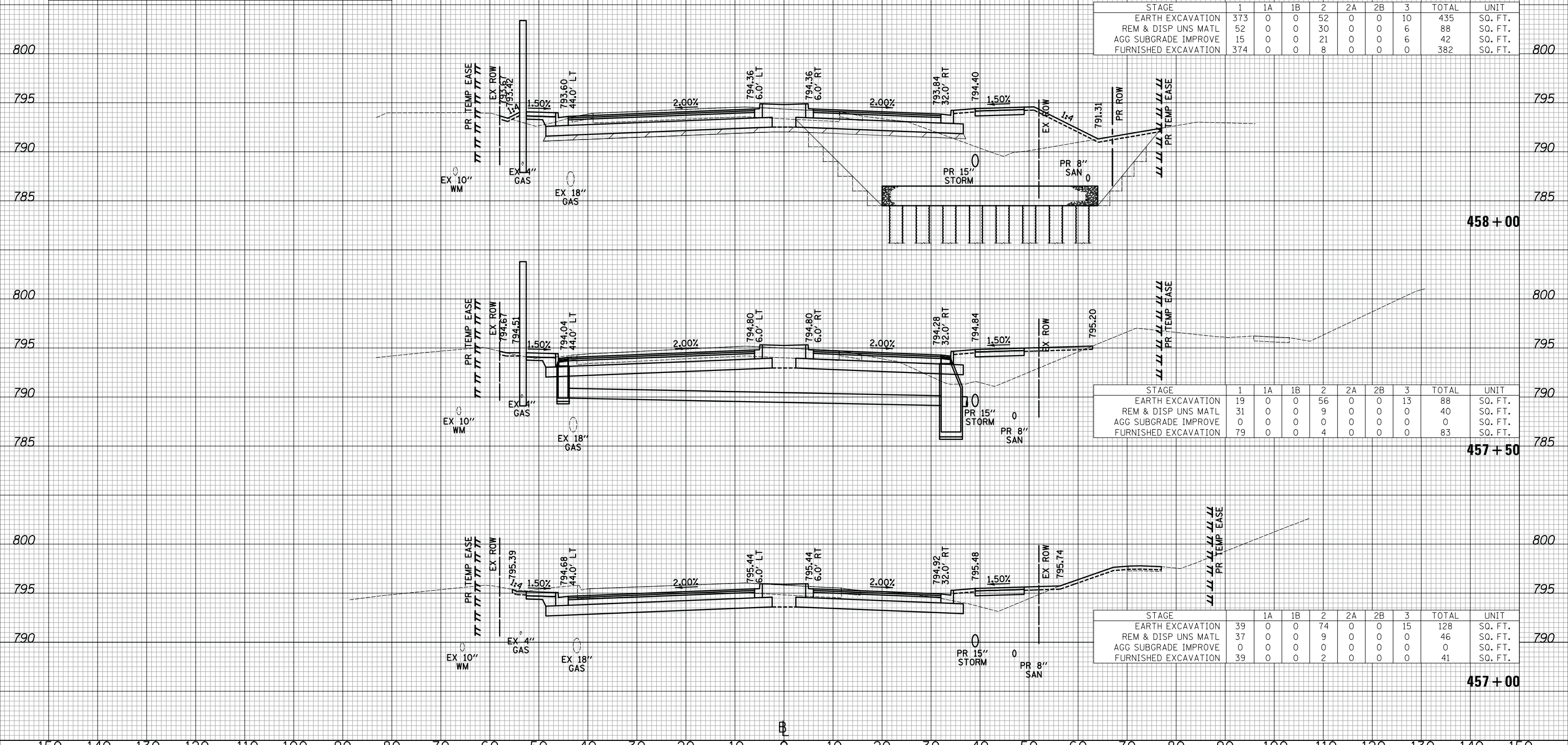
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NOTE:
 SEE STRUCTURAL SHEETS FOR WALL AND VIBRO CONCRETE COLUMN GROUND IMPROVEMENT DETAILS.
 FOR BENCHING SEE STANDARD DETAIL BD-51.
 AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE AND/OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 (04/01/2016) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE CURRENT IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

LEGEND

AGGREGATE SUBGRADE IMPROVEMENT



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 373 | 0 | 0 | 52 | 0 | 0 | 10 | 435 | SQ. FT. |
| REM & DISP UNS MATL | 52 | 0 | 0 | 30 | 0 | 0 | 6 | 88 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 15 | 0 | 0 | 21 | 0 | 0 | 6 | 42 | SQ. FT. |
| FURNISHED EXCAVATION | 374 | 0 | 0 | 8 | 0 | 0 | 0 | 382 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 19 | 0 | 0 | 56 | 0 | 0 | 13 | 88 | SQ. FT. |
| REM & DISP UNS MATL | 31 | 0 | 0 | 9 | 0 | 0 | 0 | 40 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 79 | 0 | 0 | 4 | 0 | 0 | 0 | 83 | SQ. FT. |

| STAGE | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|---|----|----|---|-------|---------|
| EARTH EXCAVATION | 39 | 0 | 0 | 74 | 0 | 0 | 113 | SQ. FT. |
| REM & DISP UNS MATL | 37 | 0 | 0 | 9 | 0 | 0 | 46 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 39 | 0 | 0 | 2 | 0 | 0 | 41 | SQ. FT. |

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DEPARTMENT OF TRANSPORTATION



CROSS SECTIONS - QUENTIN ROAD
 SHEET NO. 37 OF 89 SHEETS STA. 457+00 TO STA. 458+00

| | | | | |
|---|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 720 |
| CONTRACT NO. 61E22 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

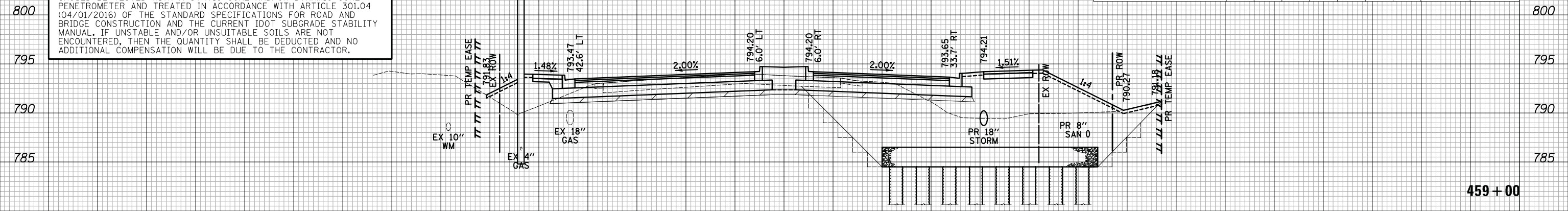
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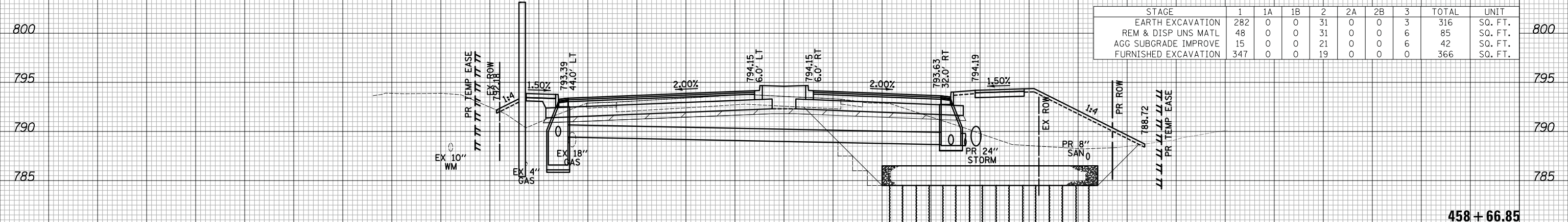
NOTE:
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 FOR BENCHING SEE STANDARD DETAIL BD-51.
 AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE AND/OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 (04/01/2016) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE CURRENT IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

LEGEND

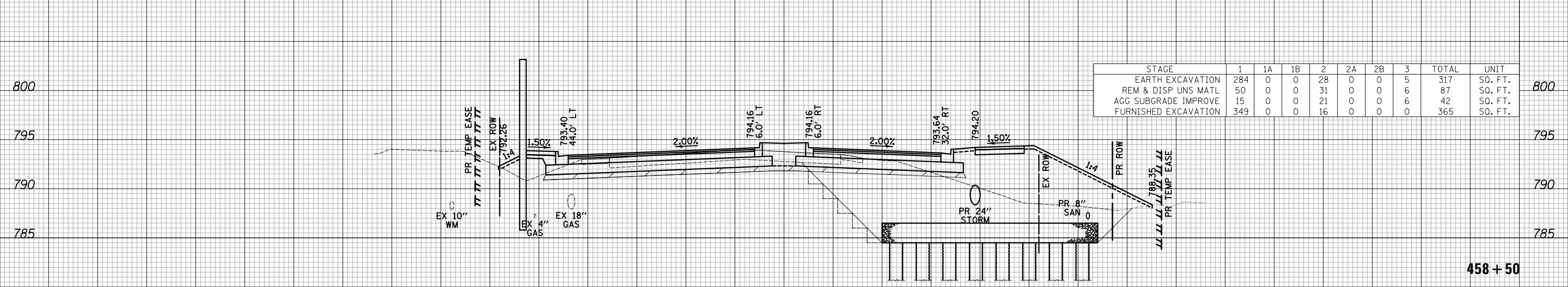
AGGREGATE SUBGRADE IMPROVEMENT



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 328 | 0 | 0 | 22 | 0 | 0 | 5 | 355 | SQ. FT. |
| REM & DISP UNS MATL | 50 | 0 | 0 | 33 | 0 | 0 | 6 | 89 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 16 | 0 | 0 | 21 | 0 | 0 | 6 | 43 | SQ. FT. |
| FURNISHED EXCAVATION | 361 | 0 | 0 | 32 | 0 | 0 | 0 | 393 | SQ. FT. |



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 282 | 0 | 0 | 31 | 0 | 0 | 3 | 316 | SQ. FT. |
| REM & DISP UNS MATL | 48 | 0 | 0 | 31 | 0 | 0 | 6 | 85 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 15 | 0 | 0 | 21 | 0 | 0 | 6 | 42 | SQ. FT. |
| FURNISHED EXCAVATION | 347 | 0 | 0 | 19 | 0 | 0 | 0 | 366 | SQ. FT. |



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 284 | 0 | 0 | 28 | 0 | 0 | 5 | 317 | SQ. FT. |
| REM & DISP UNS MATL | 50 | 0 | 0 | 31 | 0 | 0 | 6 | 87 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 15 | 0 | 0 | 21 | 0 | 0 | 6 | 42 | SQ. FT. |
| FURNISHED EXCAVATION | 349 | 0 | 0 | 16 | 0 | 0 | 0 | 365 | SQ. FT. |

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**



CROSS SECTIONS - QUENTIN ROAD

SHEET NO. 38 OF 89 SHEETS STA. 458+50 TO STA. 459+00

| F.A.U. R.E. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|----------------|--------|--------------|-----------|
| 2574 | 08-00090-12-CH | LAKE | 778 | 721 |

CONTRACT NO. 61E22
 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

DATE _____
 BY _____
 SURVEYED _____
 PLOTTED _____
 TEMPLATE _____
 AREAS CHECKED _____
 NO. _____

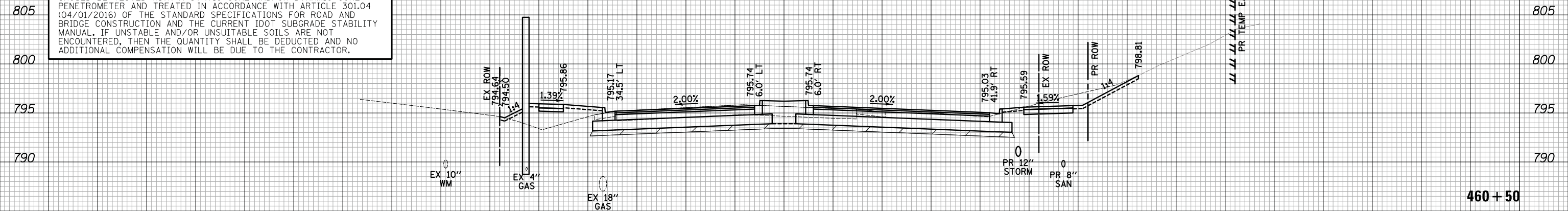
DATE _____
 BY _____
 SURVEYED _____
 PLOTTED _____
 TEMPLATE _____
 AREAS CHECKED _____
 NO. _____

NOTE:
 SEE STRUCTURAL SHEETS FOR WALL AND VIBRO CONCRETE COLUMN GROUND IMPROVEMENT DETAILS.
 FOR BENCHING SEE STANDARD DETAIL BD-51.
 AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE AND/OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 (04/01/2016) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE CURRENT IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

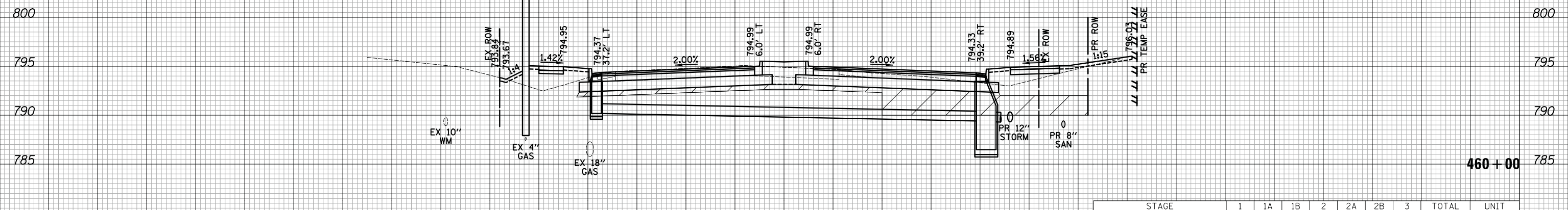
LEGEND

AGGREGATE SUBGRADE IMPROVEMENT

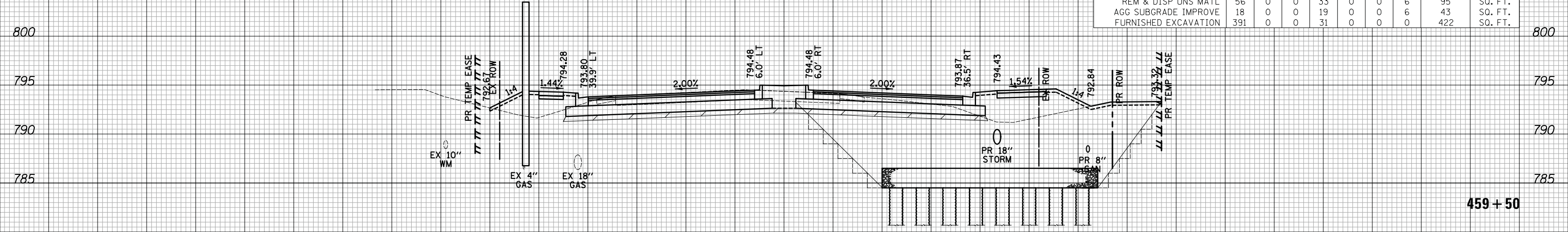
| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 55 | 0 | 0 | 38 | 0 | 0 | 9 | 102 | SQ. FT. |
| REM & DISP UNS MATL | 55 | 0 | 0 | 29 | 0 | 0 | 6 | 90 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 20 | 0 | 0 | 17 | 0 | 0 | 6 | 43 | SQ. FT. |
| FURNISHED EXCAVATION | 8 | 0 | 0 | 35 | 0 | 0 | 0 | 43 | SQ. FT. |



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 63 | 0 | 0 | 48 | 0 | 0 | 12 | 88 | SQ. FT. |
| REM & DISP UNS MATL | 140 | 0 | 0 | 30 | 0 | 0 | 6 | 83 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 104 | 0 | 0 | 18 | 0 | 0 | 6 | 43 | SQ. FT. |
| FURNISHED EXCAVATION | 77 | 0 | 0 | 29 | 0 | 0 | 0 | 65 | SQ. FT. |



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 437 | 0 | 0 | 37 | 0 | 0 | 9 | 483 | SQ. FT. |
| REM & DISP UNS MATL | 56 | 0 | 0 | 33 | 0 | 0 | 6 | 95 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 18 | 0 | 0 | 19 | 0 | 0 | 6 | 43 | SQ. FT. |
| FURNISHED EXCAVATION | 391 | 0 | 0 | 31 | 0 | 0 | 0 | 422 | SQ. FT. |



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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

VERT. 0 5 10
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SCALES

CROSS SECTIONS - QUENTIN ROAD

SHEET NO. 39 OF 89 SHEETS STA. 459+50 TO STA. 460+50

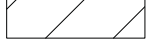
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|----------------|--------|--------------|-----------|
| 2574 | 08-00090-12-CH | LAKE | 778 | 722 |

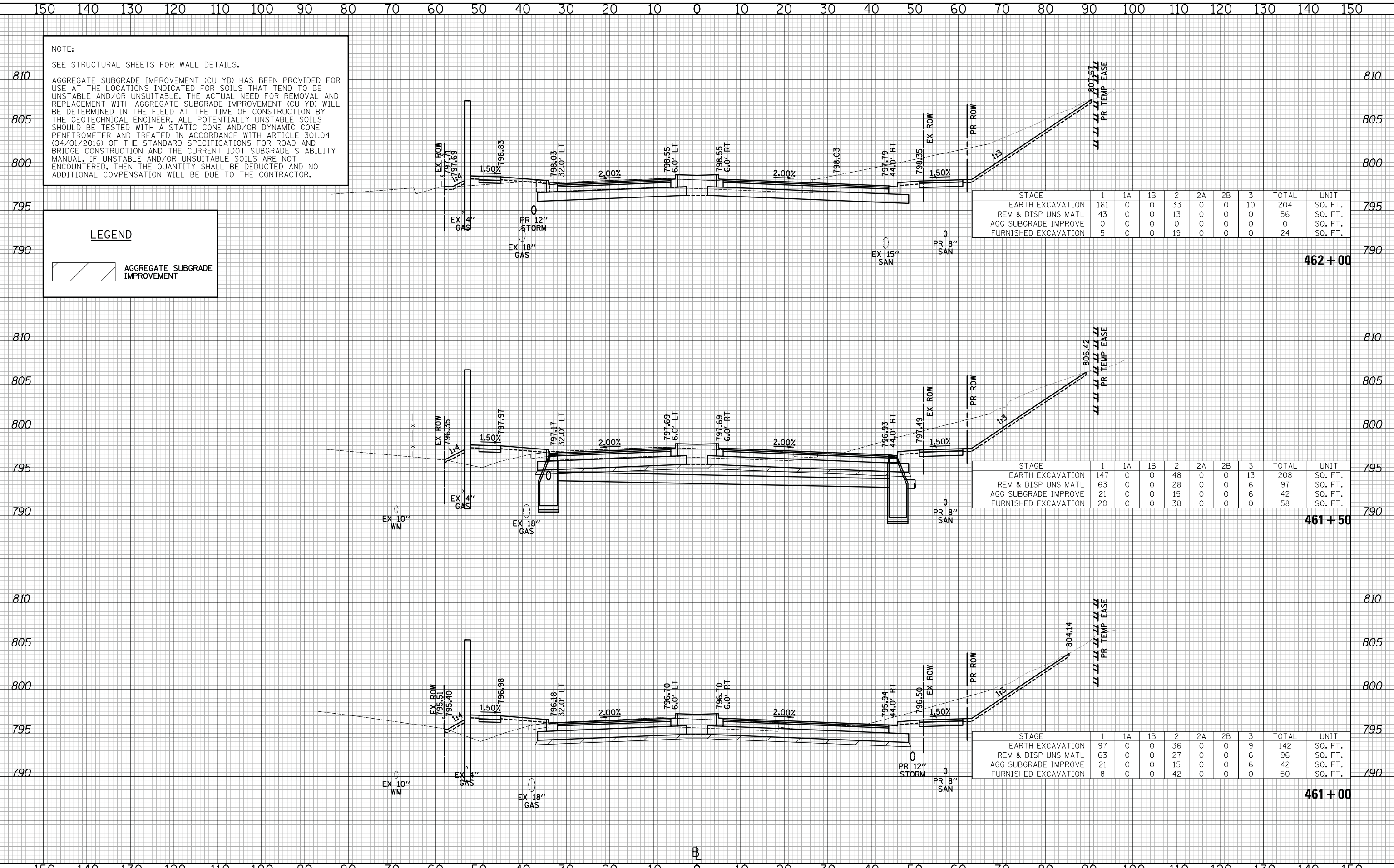
CONTRACT NO. 61E22
 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

DATE _____ BY _____
 SURVEYED _____ PLOTTED _____
 ORIGINAL SURVEY _____ NOTE BOOK _____
 NO. _____ AREAS CHECKED _____

DATE _____ BY _____
 SURVEYED _____ PLOTTED _____
 ORIGINAL SURVEY _____ NOTE BOOK _____
 NO. _____ AREAS CHECKED _____

NOTE:
 SEE STRUCTURAL SHEETS FOR WALL DETAILS.
 AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE AND/OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 (04/01/2016) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE CURRENT IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

LEGEND
 AGGREGATE SUBGRADE IMPROVEMENT



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 161 | 0 | 0 | 33 | 0 | 0 | 10 | 204 | SQ. FT. |
| REM & DISP UNS MATL | 43 | 0 | 0 | 13 | 0 | 0 | 0 | 56 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 5 | 0 | 0 | 19 | 0 | 0 | 0 | 24 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 147 | 0 | 0 | 48 | 0 | 0 | 13 | 208 | SQ. FT. |
| REM & DISP UNS MATL | 63 | 0 | 0 | 28 | 0 | 0 | 6 | 97 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 21 | 0 | 0 | 15 | 0 | 0 | 6 | 42 | SQ. FT. |
| FURNISHED EXCAVATION | 20 | 0 | 0 | 38 | 0 | 0 | 0 | 58 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 97 | 0 | 0 | 36 | 0 | 0 | 9 | 142 | SQ. FT. |
| REM & DISP UNS MATL | 63 | 0 | 0 | 27 | 0 | 0 | 6 | 96 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 21 | 0 | 0 | 15 | 0 | 0 | 6 | 42 | SQ. FT. |
| FURNISHED EXCAVATION | 8 | 0 | 0 | 42 | 0 | 0 | 0 | 50 | SQ. FT. |

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 DEPARTMENT OF TRANSPORTATION

VERT. 0 5 10
 HORIZ. 0 10 20
 SCALES

CROSS SECTIONS - QUENTIN ROAD
 SHEET NO. 40 OF 89 SHEETS STA. 461+00 TO STA. 462+00

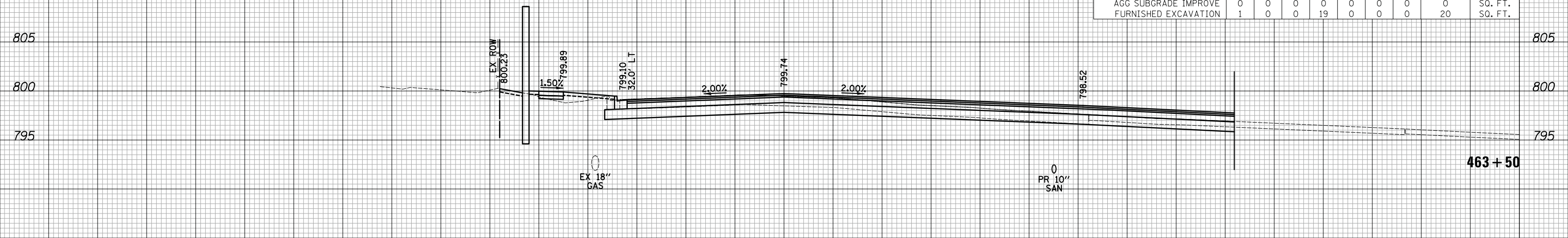
| | | | | |
|---|----------------|--------|--------------|-----------|
| F.A.U. R.T.E. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 723 |
| CONTRACT NO. 61E22 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

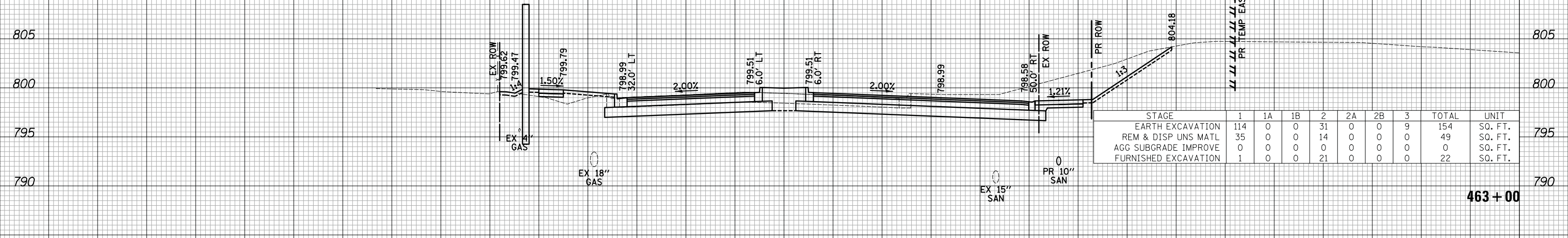
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| DATE | |
| BY | |
| SURVEYED | |
| PLOTTED | |
| TEMPLATE | |
| AREAS | |
| CHECKED | |
| FINAL SURVEY | |
| NOTE BOOK | |
| NO. | |

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| DATE | |
| BY | |
| SURVEYED | |
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| ORIGINAL SURVEY | |
| NOTE BOOK | |
| NO. | |

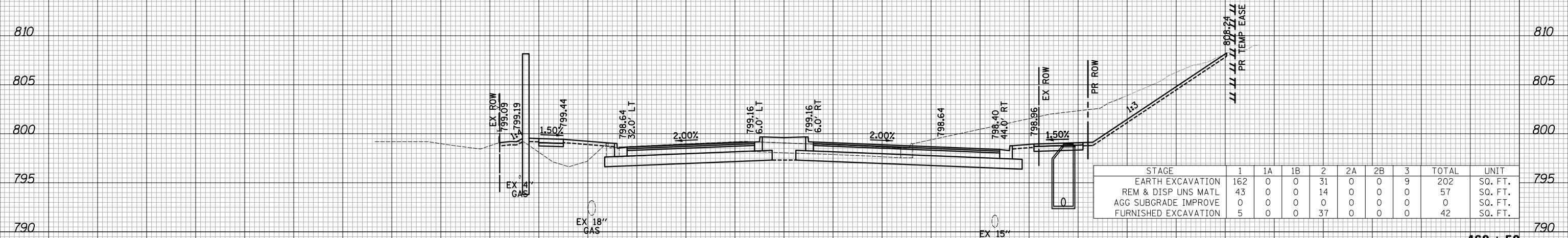
| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 30 | 0 | 0 | 31 | 0 | 0 | 9 | 70 | SQ. FT. |
| REM & DISP UNS MATL | 0 | 0 | 0 | 14 | 0 | 0 | 0 | 14 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 1 | 0 | 0 | 19 | 0 | 0 | 0 | 20 | SQ. FT. |



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 114 | 0 | 0 | 31 | 0 | 0 | 9 | 154 | SQ. FT. |
| REM & DISP UNS MATL | 35 | 0 | 0 | 14 | 0 | 0 | 0 | 49 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 1 | 0 | 0 | 21 | 0 | 0 | 0 | 22 | SQ. FT. |



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 162 | 0 | 0 | 31 | 0 | 0 | 9 | 202 | SQ. FT. |
| REM & DISP UNS MATL | 43 | 0 | 0 | 14 | 0 | 0 | 0 | 57 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 5 | 0 | 0 | 37 | 0 | 0 | 0 | 42 | SQ. FT. |

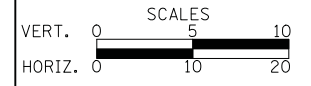


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| CHECKED - RTM | REVISED - |
| DATE - 11/13/2017 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



CROSS SECTIONS - QUENTIN ROAD

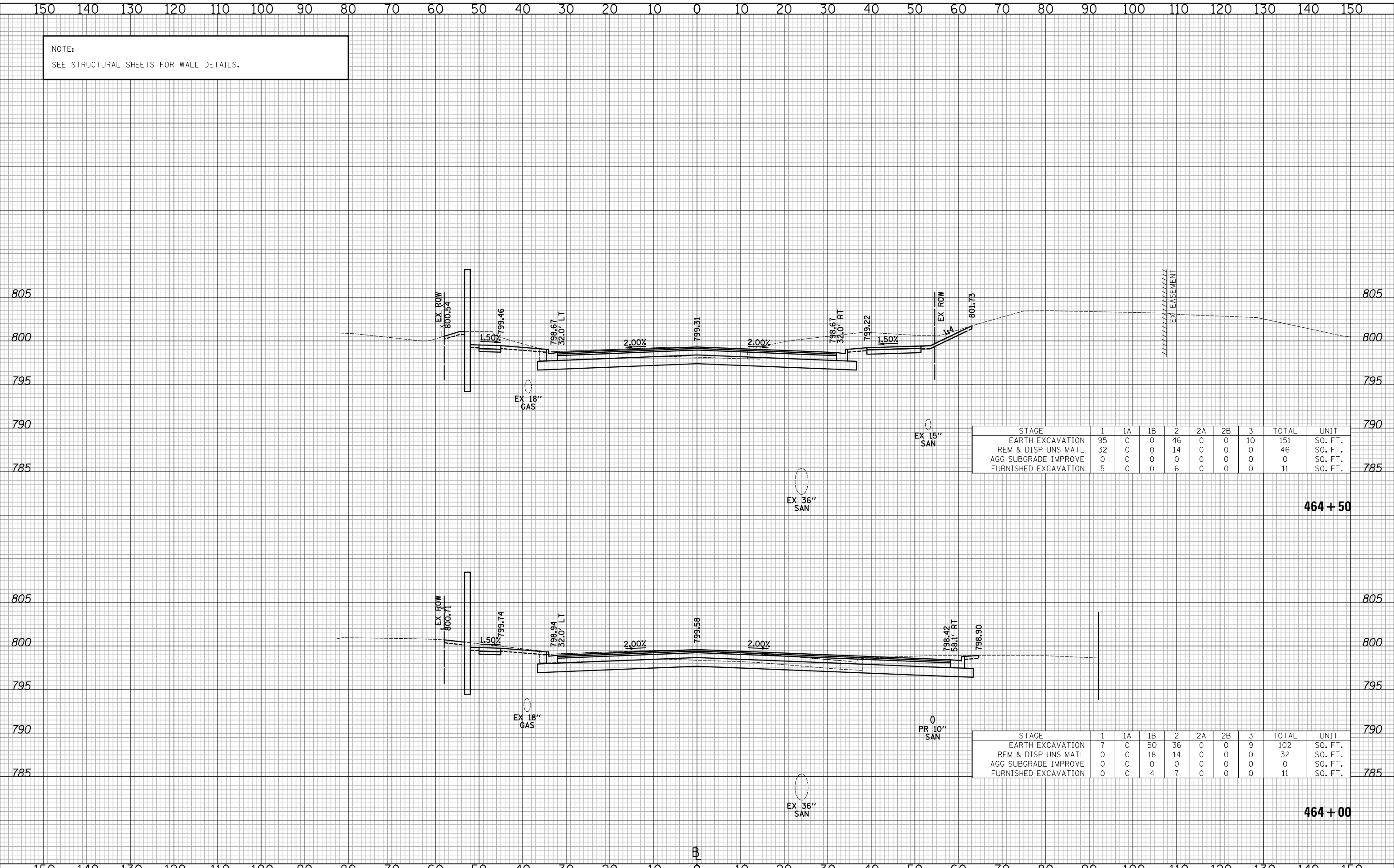
SHEET NO. 41 OF 89 SHEETS STA. 462+50 TO STA. 463+50

| | | | | |
|---|----------------|--------|--------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 724 |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 61E22 | |

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

| | |
|----------------------------|--|
| DATE | |
| BY | |
| SURVEYED | |
| PLOTTED | |
| TEMPLATE | |
| AREAS CHECKED | |
| FINAL SURVEY NOTE BOOK NO. | |

| | |
|-------------------------------|--|
| DATE | |
| BY | |
| SURVEYED | |
| PLOTTED | |
| TEMPLATE | |
| AREAS CHECKED | |
| ORIGINAL SURVEY NOTE BOOK NO. | |



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 95 | 0 | 0 | 46 | 0 | 0 | 10 | 151 | SQ. FT. |
| REM & DISP UNS MATL | 32 | 0 | 0 | 14 | 0 | 0 | 0 | 46 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 5 | 0 | 0 | 6 | 0 | 0 | 0 | 11 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|---|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 7 | 0 | 50 | 36 | 0 | 0 | 9 | 102 | SQ. FT. |
| REM & DISP UNS MATL | 0 | 0 | 18 | 14 | 0 | 0 | 0 | 32 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 0 | 0 | 4 | 7 | 0 | 0 | 0 | 11 | SQ. FT. |

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| CHECKED - RTM | REVISED - |
| DATE - 11/13/2017 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



CROSS SECTIONS - QUENTIN ROAD

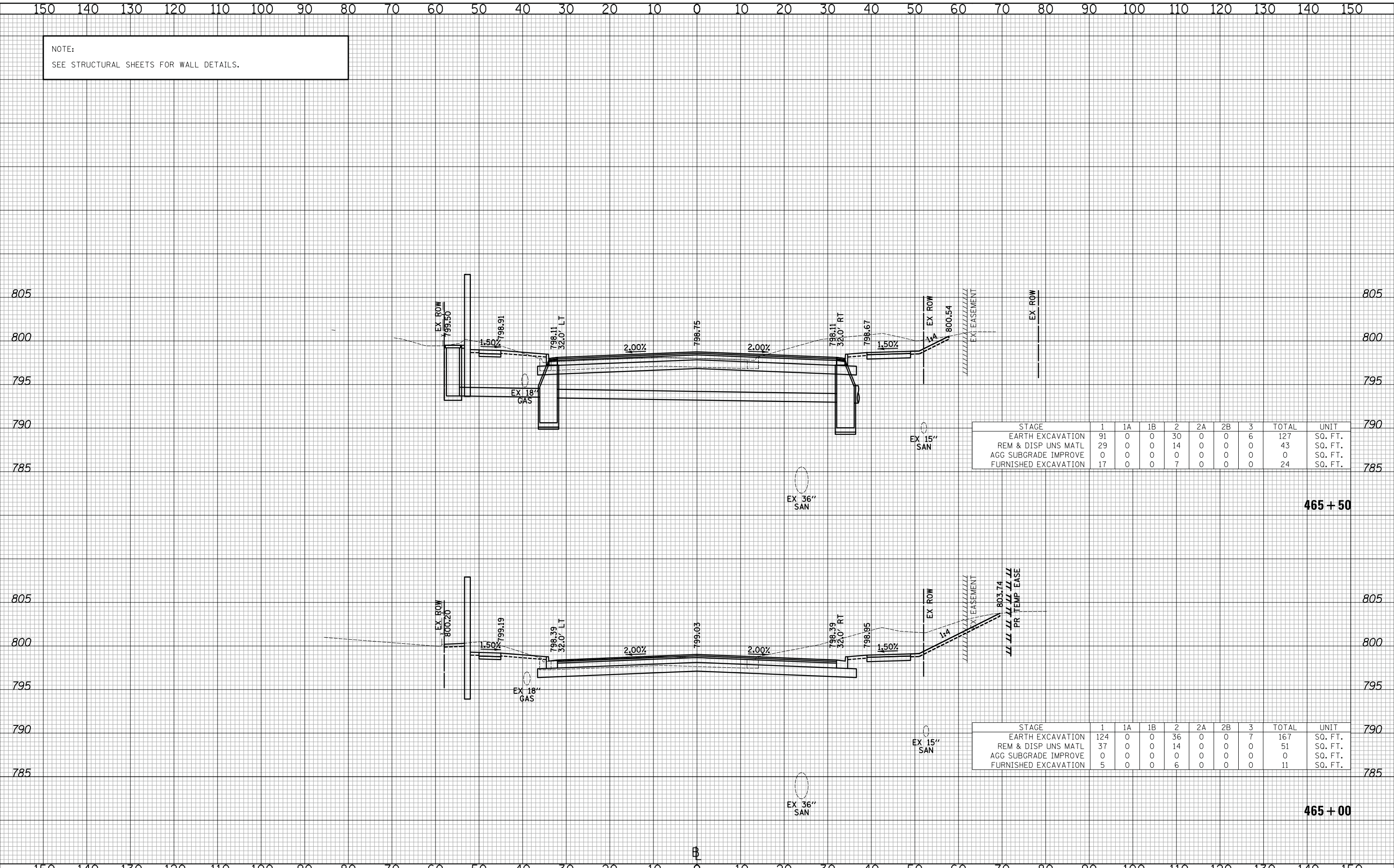
SHEET NO. 42 OF 89 SHEETS STA. 464+00 TO STA. 464+50

| | | | | |
|--------------------|----------------|--------|---|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 725 |
| CONTRACT NO. 61E22 | | | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | |

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

| | |
|---------------|---------------|
| DATE | |
| BY | |
| NO. | |
| FINAL SURVEY | SURVEYED |
| NOTE BOOK | PLOTTED |
| AREAS CHECKED | TEMPLATE |
| | AREAS CHECKED |

| | |
|-----------------|---------------|
| DATE | |
| BY | |
| NO. | |
| ORIGINAL SURVEY | SURVEYED |
| NOTE BOOK | PLOTTED |
| AREAS CHECKED | TEMPLATE |
| | AREAS CHECKED |



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 91 | 0 | 0 | 30 | 0 | 0 | 6 | 127 | SQ. FT. |
| REM & DISP UNS MATL | 29 | 0 | 0 | 14 | 0 | 0 | 0 | 43 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 17 | 0 | 0 | 7 | 0 | 0 | 0 | 24 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 124 | 0 | 0 | 36 | 0 | 0 | 7 | 167 | SQ. FT. |
| REM & DISP UNS MATL | 37 | 0 | 0 | 14 | 0 | 0 | 0 | 51 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 5 | 0 | 0 | 6 | 0 | 0 | 0 | 11 | SQ. FT. |

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| CHECKED - RTM | REVISED - |
| DATE - 11/13/2017 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



CROSS SECTIONS - QUENTIN ROAD

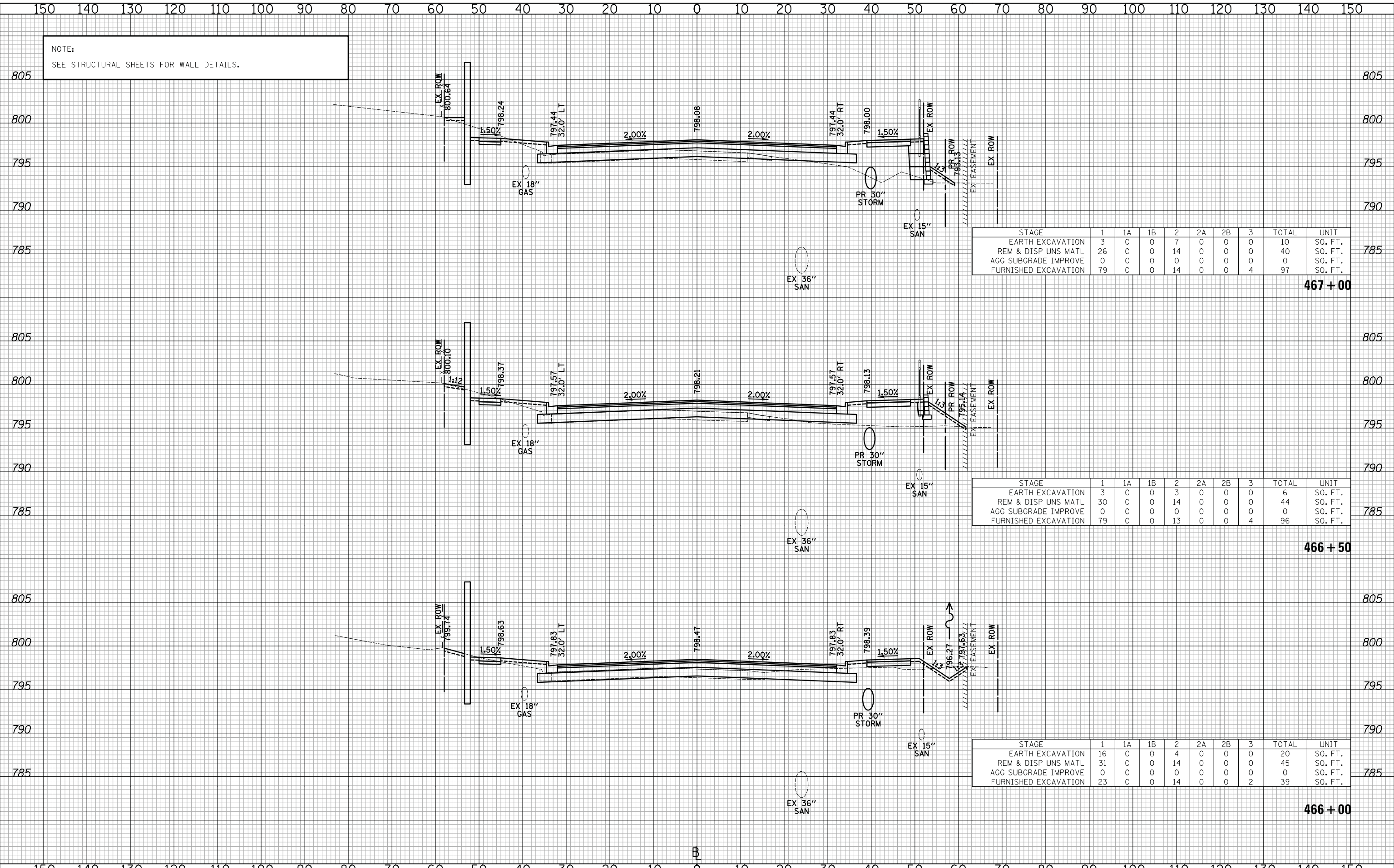
SHEET NO. 43 OF 89 SHEETS STA. 465+00 TO STA. 465+50

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|----------------|--------|---|-----------|
| 2574 | 08-00090-12-CH | LAKE | 778 | 726 |
| CONTRACT NO. 61E22 | | | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | |

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

| | |
|----------|--|
| DATE | |
| BY | |
| SURVEYED | |
| PLOTTED | |
| TEMPLATE | |
| AREAS | |
| CHECKED | |
| NO. | |

| | |
|----------|--|
| DATE | |
| BY | |
| SURVEYED | |
| PLOTTED | |
| TEMPLATE | |
| AREAS | |
| CHECKED | |
| NO. | |



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 3 | 0 | 0 | 7 | 0 | 0 | 0 | 10 | SQ. FT. |
| REM & DISP UNS MATL | 26 | 0 | 0 | 14 | 0 | 0 | 0 | 40 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 79 | 0 | 0 | 14 | 0 | 0 | 4 | 97 | SQ. FT. |

467 + 00

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 3 | 0 | 0 | 3 | 0 | 0 | 0 | 6 | SQ. FT. |
| REM & DISP UNS MATL | 30 | 0 | 0 | 14 | 0 | 0 | 0 | 44 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 79 | 0 | 0 | 13 | 0 | 0 | 4 | 96 | SQ. FT. |

466 + 50

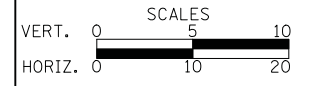
| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 16 | 0 | 0 | 4 | 0 | 0 | 0 | 20 | SQ. FT. |
| REM & DISP UNS MATL | 31 | 0 | 0 | 14 | 0 | 0 | 0 | 45 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 23 | 0 | 0 | 14 | 0 | 0 | 2 | 39 | SQ. FT. |

466 + 00

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| DRAWN - JRR | REVISED - |
| CHECKED - RTM | REVISED - |
| DATE - 11/13/2017 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



CROSS SECTIONS - QUENTIN ROAD

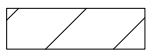
SHEET NO. 44 OF 89 SHEETS STA. 466+00 TO STA. 467+00

| | | | | |
|---|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 727 |
| CONTRACT NO. 61E22 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

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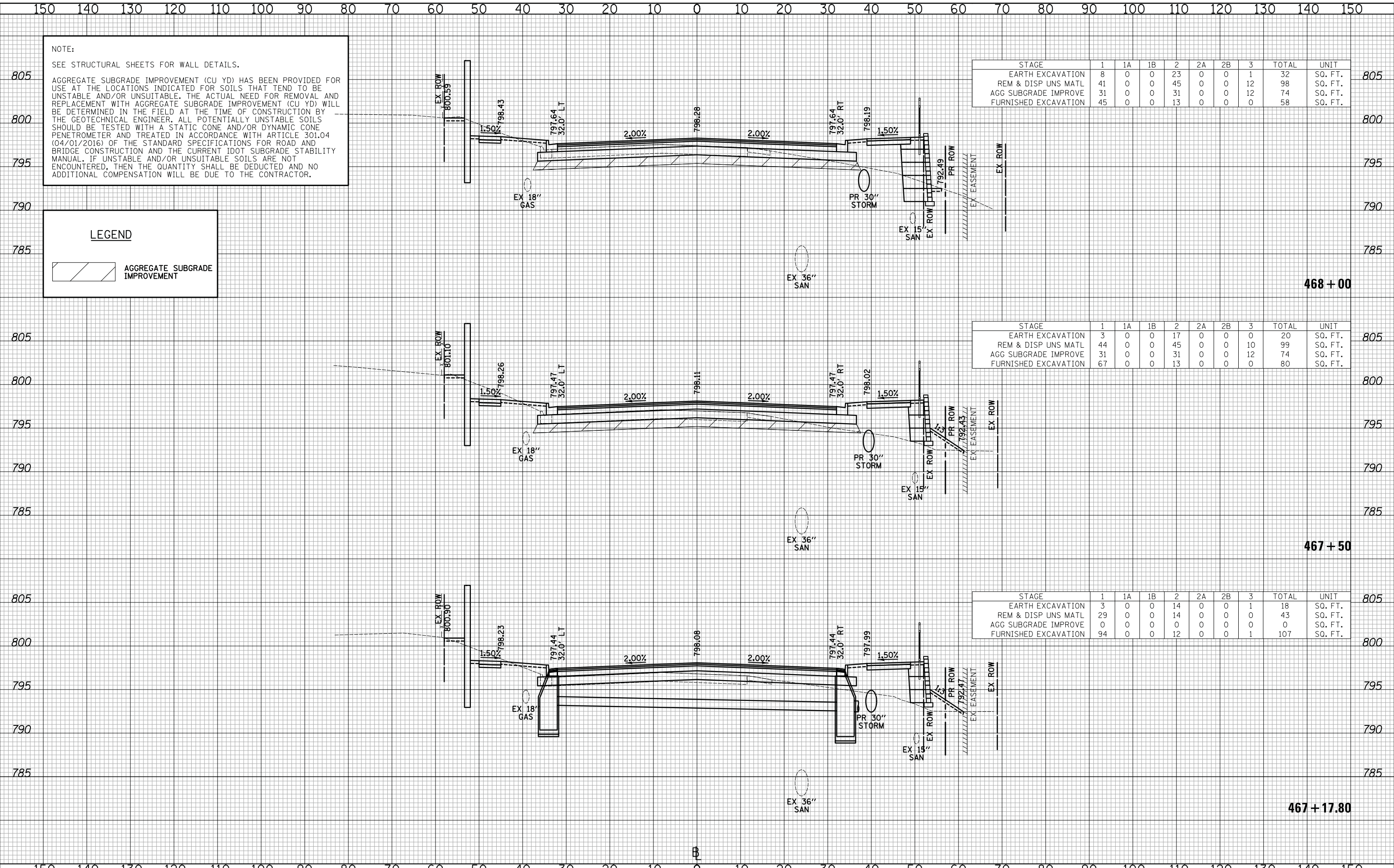
NOTE:
 SEE STRUCTURAL SHEETS FOR WALL DETAILS.
 AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE AND/OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 (04/01/2016) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE CURRENT IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

LEGEND
 AGGREGATE SUBGRADE IMPROVEMENT

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 8 | 0 | 0 | 23 | 0 | 0 | 1 | 32 | SQ. FT. |
| REM & DISP UNS MATL | 41 | 0 | 0 | 45 | 0 | 0 | 12 | 98 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 31 | 0 | 0 | 31 | 0 | 0 | 12 | 74 | SQ. FT. |
| FURNISHED EXCAVATION | 45 | 0 | 0 | 13 | 0 | 0 | 0 | 58 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 3 | 0 | 0 | 17 | 0 | 0 | 0 | 20 | SQ. FT. |
| REM & DISP UNS MATL | 44 | 0 | 0 | 45 | 0 | 0 | 10 | 99 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 31 | 0 | 0 | 31 | 0 | 0 | 12 | 74 | SQ. FT. |
| FURNISHED EXCAVATION | 67 | 0 | 0 | 13 | 0 | 0 | 0 | 80 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 3 | 0 | 0 | 14 | 0 | 0 | 1 | 18 | SQ. FT. |
| REM & DISP UNS MATL | 29 | 0 | 0 | 14 | 0 | 0 | 0 | 43 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 94 | 0 | 0 | 12 | 0 | 0 | 1 | 107 | SQ. FT. |



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 DATE - 1/25/2018

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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SCALES

CROSS SECTIONS - QUENTIN ROAD

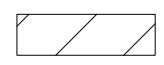
SHEET NO. 45 OF 89 SHEETS STA. 467+17.80 TO STA. 468+00

| | | | | |
|---|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 728 |
| CONTRACT NO. 61E22 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

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LEGEND

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|  | AGGREGATE SUBGRADE IMPROVEMENT |
|---|--------------------------------|

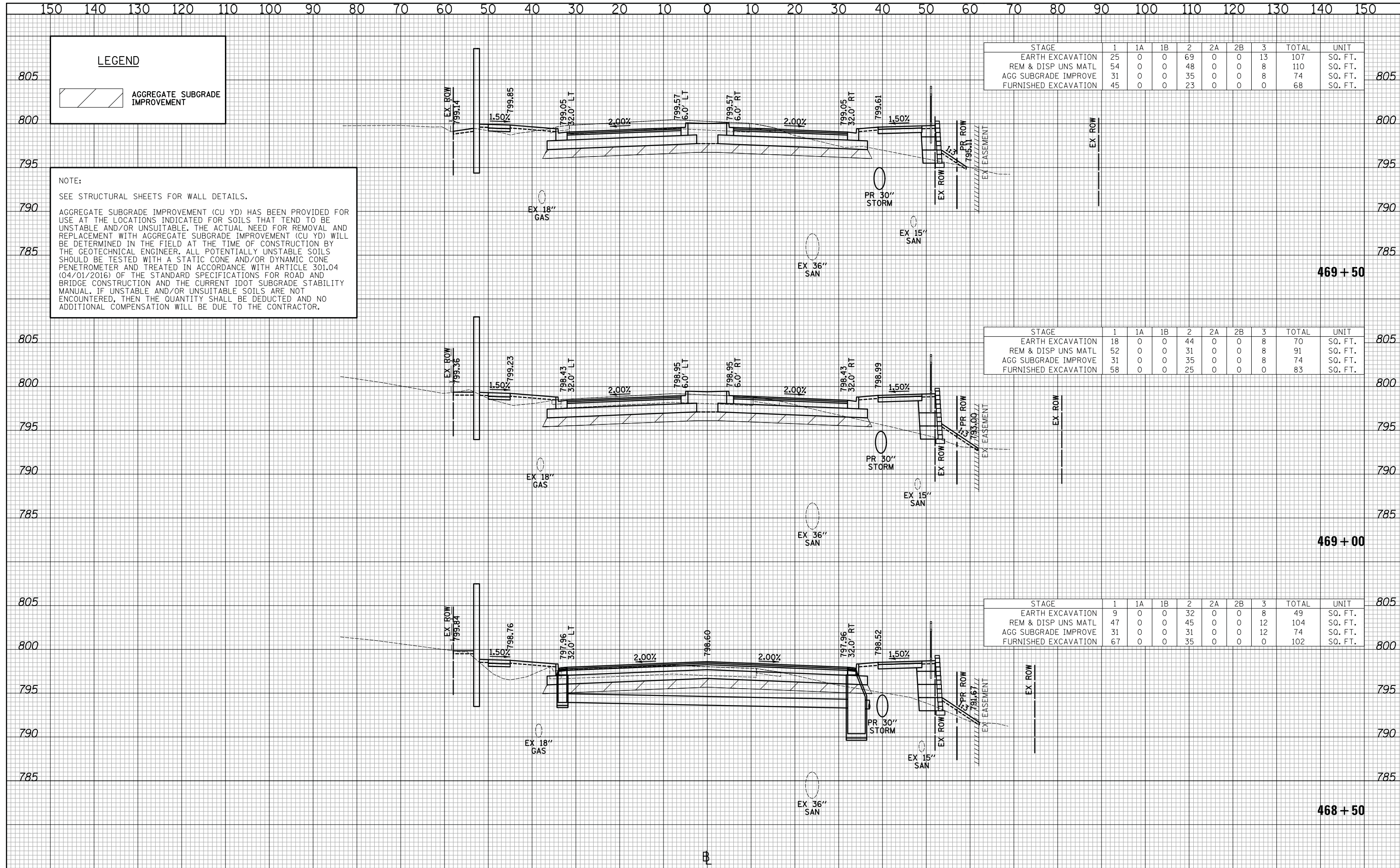
NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

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| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 25 | 0 | 0 | 69 | 0 | 0 | 13 | 107 | SQ. FT. |
| REM & DISP UNS MATL | 54 | 0 | 0 | 48 | 0 | 0 | 8 | 110 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 31 | 0 | 0 | 35 | 0 | 0 | 8 | 74 | SQ. FT. |
| FURNISHED EXCAVATION | 45 | 0 | 0 | 23 | 0 | 0 | 0 | 68 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 18 | 0 | 0 | 44 | 0 | 0 | 8 | 70 | SQ. FT. |
| REM & DISP UNS MATL | 52 | 0 | 0 | 31 | 0 | 0 | 8 | 91 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 31 | 0 | 0 | 35 | 0 | 0 | 8 | 74 | SQ. FT. |
| FURNISHED EXCAVATION | 58 | 0 | 0 | 25 | 0 | 0 | 0 | 83 | SQ. FT. |

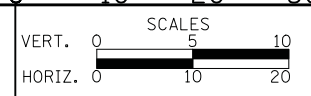
| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 9 | 0 | 0 | 32 | 0 | 0 | 8 | 49 | SQ. FT. |
| REM & DISP UNS MATL | 47 | 0 | 0 | 45 | 0 | 0 | 12 | 104 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 31 | 0 | 0 | 31 | 0 | 0 | 12 | 74 | SQ. FT. |
| FURNISHED EXCAVATION | 67 | 0 | 0 | 35 | 0 | 0 | 0 | 102 | SQ. FT. |



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| DATE - 1/25/2018 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



CROSS SECTIONS - QUENTIN ROAD

SHEET NO. 46 OF 89 SHEETS STA. 468+50 TO STA. 469+50

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|----------------|--------|--------------|-----------|
| 2574 | 08-00090-12-CH | LAKE | 778 | 729 |
| CONTRACT NO. 61E22 | | | | |

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

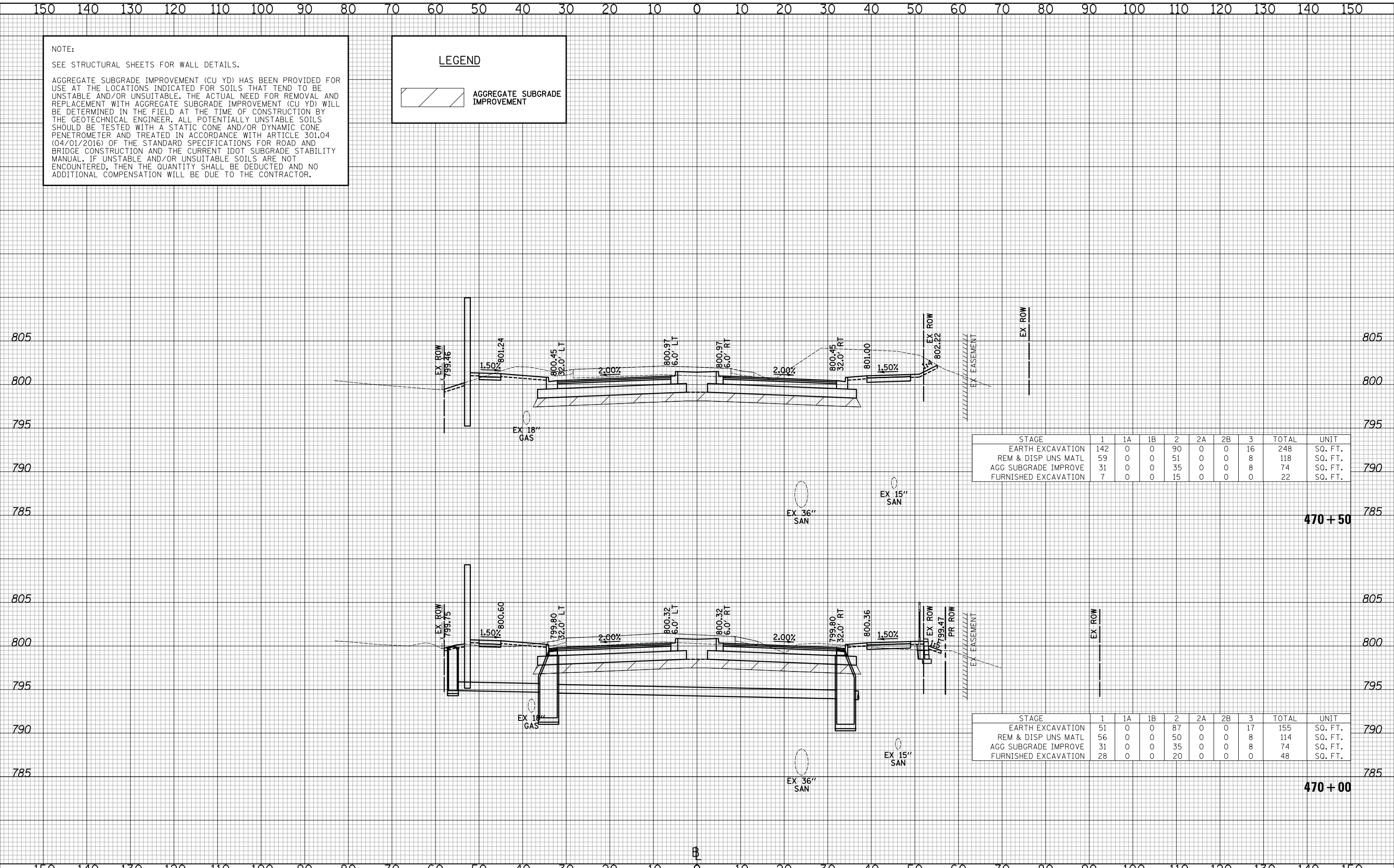
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| NOTE BOOK | |
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NOTE:
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LEGEND

AGGREGATE SUBGRADE IMPROVEMENT



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 142 | 0 | 0 | 90 | 0 | 0 | 16 | 248 | SQ. FT. |
| REM & DISP UNS MATL | 59 | 0 | 0 | 51 | 0 | 0 | 8 | 118 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 31 | 0 | 0 | 35 | 0 | 0 | 8 | 74 | SQ. FT. |
| FURNISHED EXCAVATION | 7 | 0 | 0 | 15 | 0 | 0 | 0 | 22 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 51 | 0 | 0 | 87 | 0 | 0 | 17 | 155 | SQ. FT. |
| REM & DISP UNS MATL | 56 | 0 | 0 | 50 | 0 | 0 | 8 | 114 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 31 | 0 | 0 | 35 | 0 | 0 | 8 | 74 | SQ. FT. |
| FURNISHED EXCAVATION | 28 | 0 | 0 | 20 | 0 | 0 | 0 | 48 | SQ. FT. |

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



CROSS SECTIONS - QUENTIN ROAD

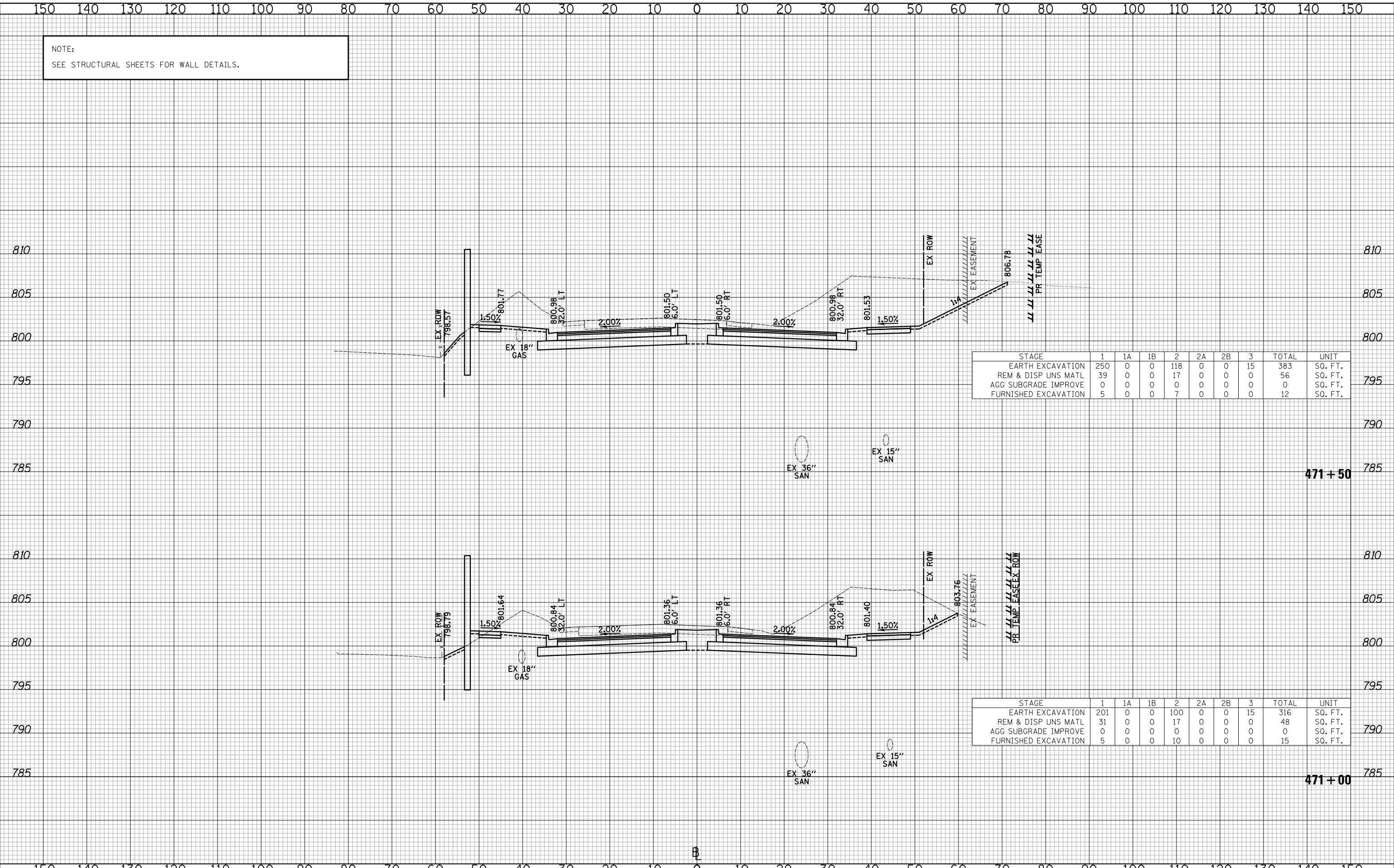
SHEET NO. 47 OF 89 SHEETS STA. 470+00 TO STA. 470+50

| | | | | |
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| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 730 |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 61E22 | |

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

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| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|-----|----|----|----|-------|---------|
| EARTH EXCAVATION | 250 | 0 | 0 | 118 | 0 | 0 | 15 | 383 | SQ. FT. |
| REM & DISP UNS MATL | 39 | 0 | 0 | 17 | 0 | 0 | 0 | 56 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 5 | 0 | 0 | 7 | 0 | 0 | 0 | 12 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|-----|----|----|----|-------|---------|
| EARTH EXCAVATION | 201 | 0 | 0 | 100 | 0 | 0 | 15 | 316 | SQ. FT. |
| REM & DISP UNS MATL | 31 | 0 | 0 | 17 | 0 | 0 | 0 | 48 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 5 | 0 | 0 | 10 | 0 | 0 | 0 | 15 | SQ. FT. |

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| DATE - 11/13/2017 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



CROSS SECTIONS - QUENTIN ROAD

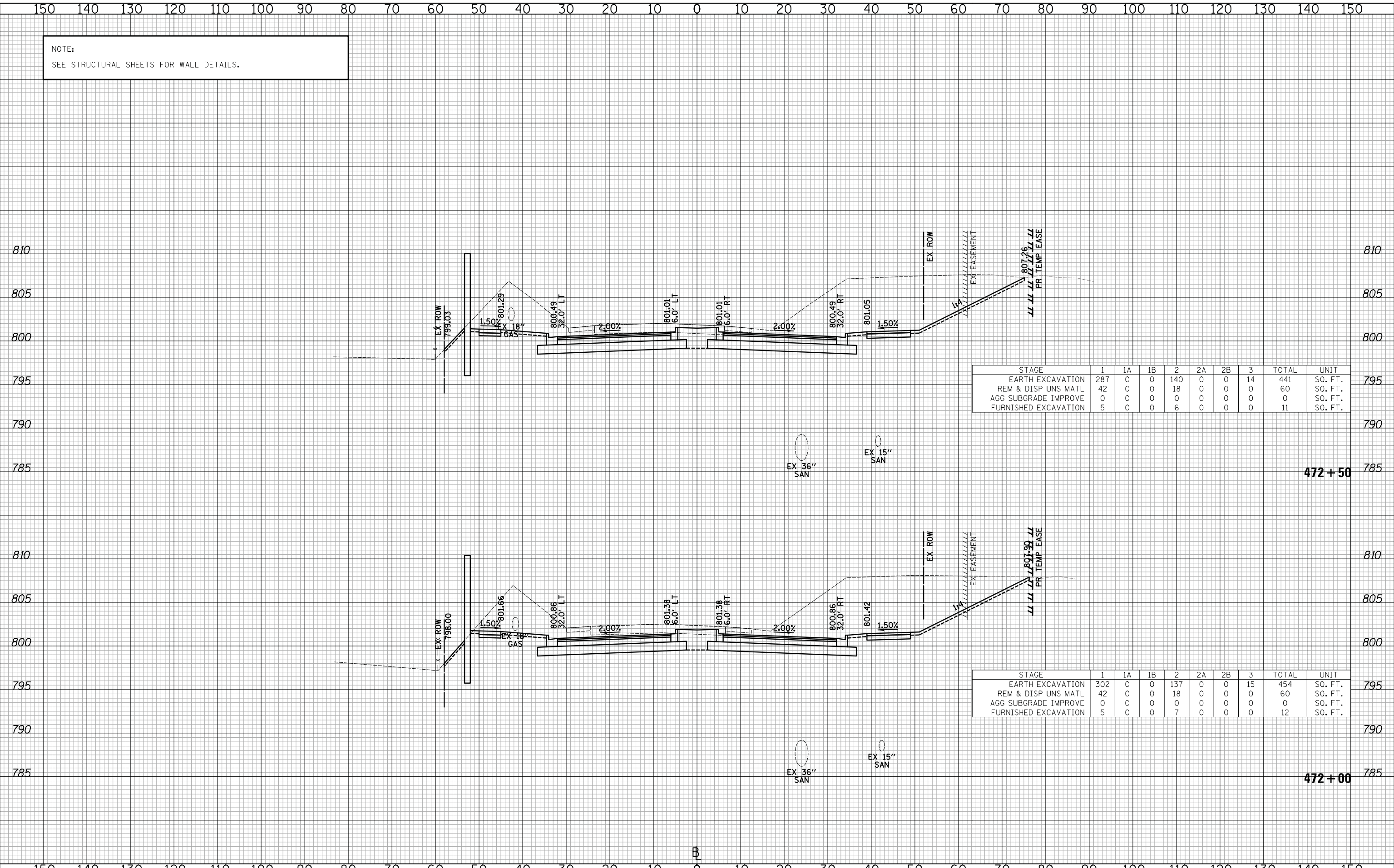
SHEET NO. 48 OF 89 SHEETS STA. 471+00 TO STA. 471+50

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| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 731 |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 61E22 | |

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

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| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|-----|----|----|----|-------|---------|
| EARTH EXCAVATION | 287 | 0 | 0 | 140 | 0 | 0 | 14 | 441 | SQ. FT. |
| REM & DISP UNS MATL | 42 | 0 | 0 | 18 | 0 | 0 | 0 | 60 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 5 | 0 | 0 | 6 | 0 | 0 | 0 | 11 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|-----|----|----|----|-------|---------|
| EARTH EXCAVATION | 302 | 0 | 0 | 137 | 0 | 0 | 15 | 454 | SQ. FT. |
| REM & DISP UNS MATL | 42 | 0 | 0 | 18 | 0 | 0 | 0 | 60 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 5 | 0 | 0 | 7 | 0 | 0 | 0 | 12 | SQ. FT. |

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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SCALES

CROSS SECTIONS - QUENTIN ROAD

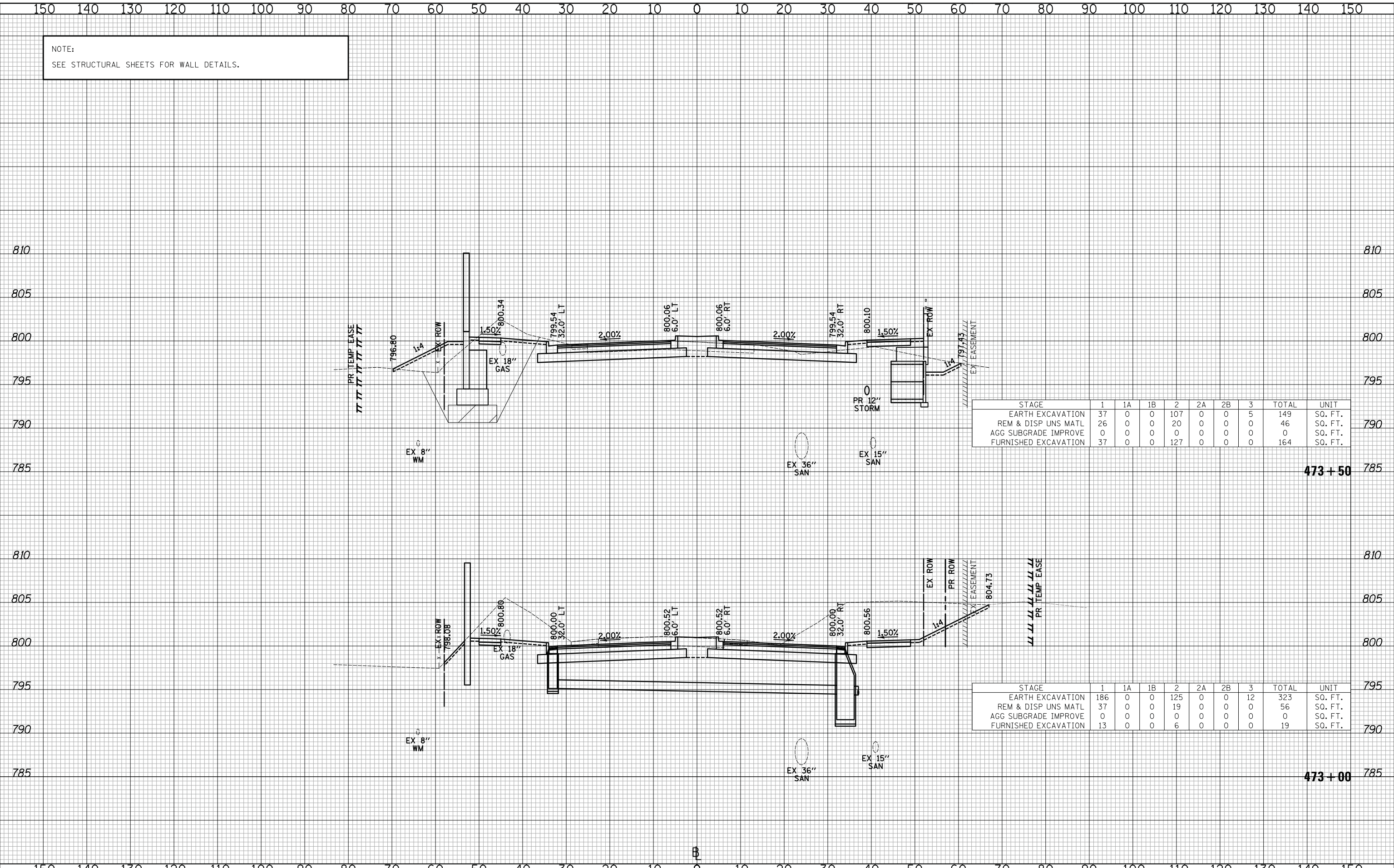
SHEET NO. 49 OF 89 SHEETS STA. 472+00 TO STA. 472+50

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|---|----------------|--------|--------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 732 |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 61E22 | |

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

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| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|-----|----|----|---|-------|---------|
| EARTH EXCAVATION | 37 | 0 | 0 | 107 | 0 | 0 | 5 | 149 | SQ. FT. |
| REM & DISP UNS MATL | 26 | 0 | 0 | 20 | 0 | 0 | 0 | 46 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 37 | 0 | 0 | 127 | 0 | 0 | 0 | 164 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|-----|----|----|----|-------|---------|
| EARTH EXCAVATION | 186 | 0 | 0 | 125 | 0 | 0 | 12 | 323 | SQ. FT. |
| REM & DISP UNS MATL | 37 | 0 | 0 | 19 | 0 | 0 | 0 | 56 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 13 | 0 | 0 | 6 | 0 | 0 | 0 | 19 | SQ. FT. |

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



CROSS SECTIONS - QUENTIN ROAD

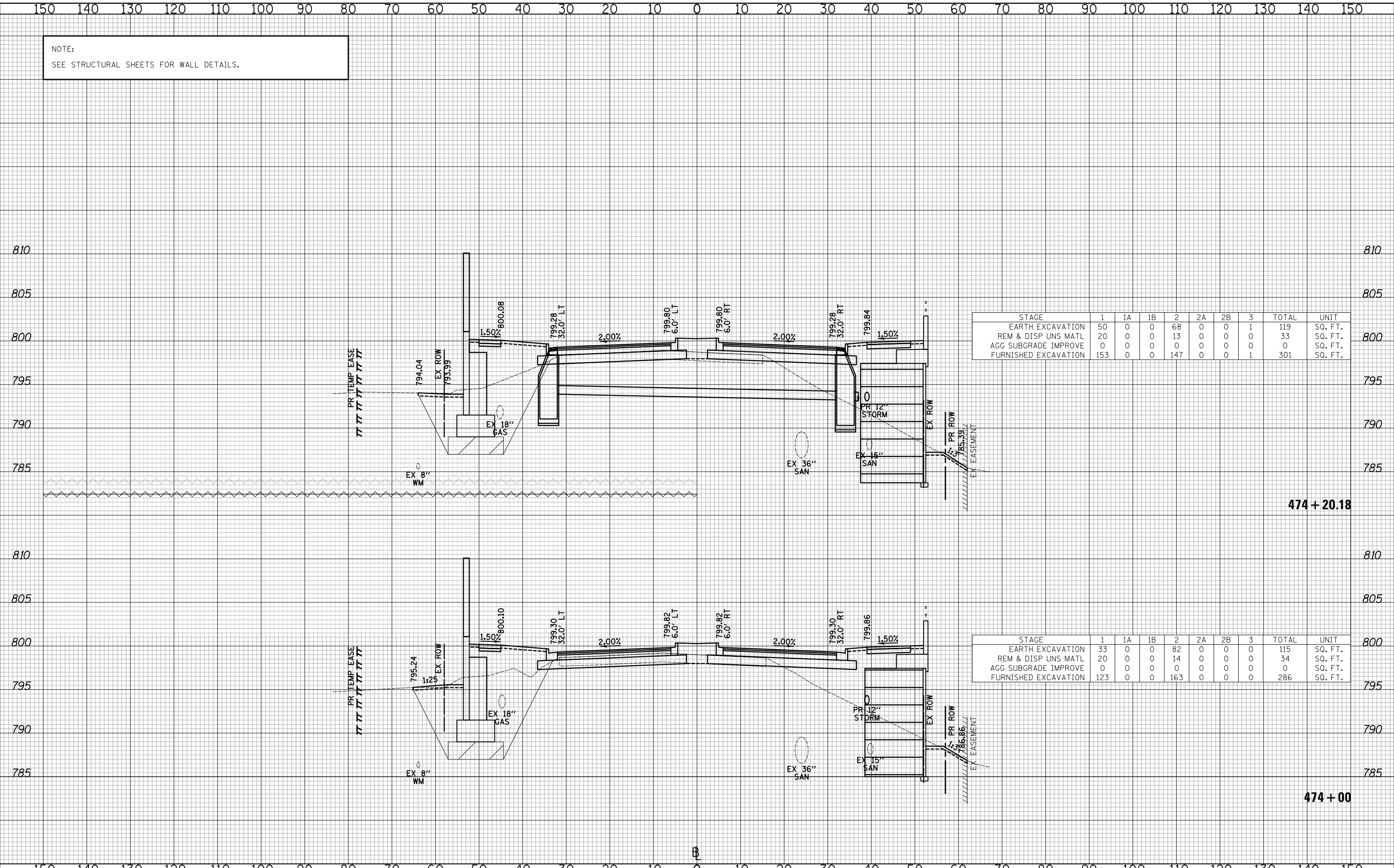
SHEET NO. 50 OF 89 SHEETS STA. 473+00 TO STA. 473+50

| | | | | |
|---|----------------|--------|--------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 733 |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 61E22 | |

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

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| NOTE BOOK | |
| AREAS CHECKED | |
| NO. | |



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|-----|----|----|---|-------|---------|
| EARTH EXCAVATION | 50 | 0 | 0 | 68 | 0 | 0 | 1 | 119 | SQ. FT. |
| REM & DISP UNS MATL | 20 | 0 | 0 | 13 | 0 | 0 | 0 | 33 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 153 | 0 | 0 | 147 | 0 | 0 | 1 | 301 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|-----|----|----|---|-------|---------|
| EARTH EXCAVATION | 33 | 0 | 0 | 82 | 0 | 0 | 0 | 115 | SQ. FT. |
| REM & DISP UNS MATL | 20 | 0 | 0 | 14 | 0 | 0 | 0 | 34 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 123 | 0 | 0 | 163 | 0 | 0 | 0 | 286 | SQ. FT. |

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



CROSS SECTIONS - QUENTIN ROAD

SHEET NO. 51 OF 89 SHEETS STA. 474+00 TO STA. 474+20.18

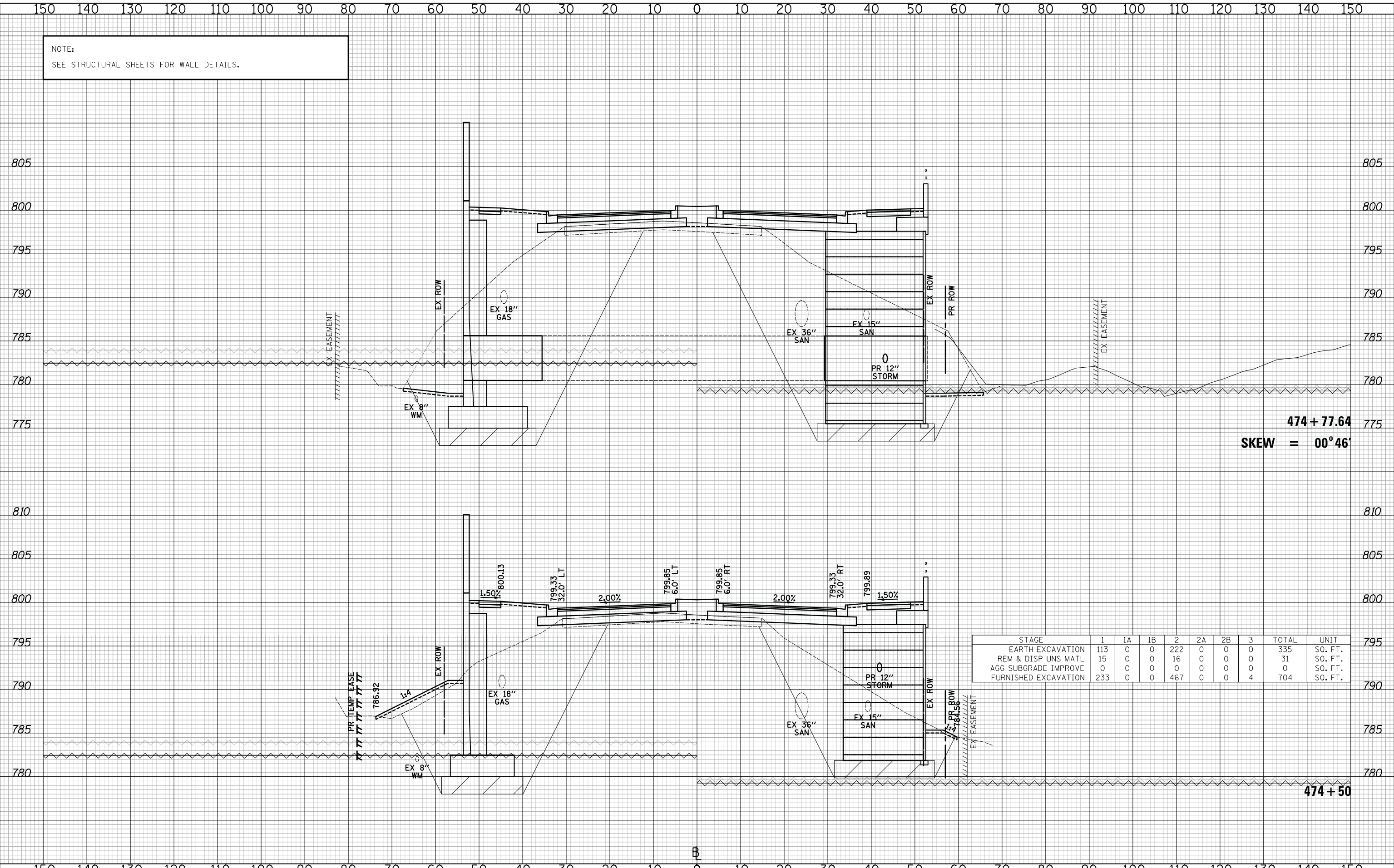
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|----------------|--------|--------------|-----------|
| 2574 | 08-00090-12-CH | LAKE | 778 | 734 |
| CONTRACT NO. 61E22 | | | | |

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

NOTE:
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| TEMPLATE | |
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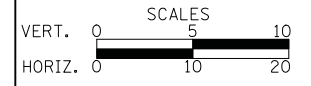


| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|-----|----|----|---|-------|---------|
| EARTH EXCAVATION | 113 | 0 | 0 | 222 | 0 | 0 | 0 | 335 | SQ. FT. |
| REM & DISP UNS MATL | 15 | 0 | 0 | 16 | 0 | 0 | 0 | 31 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 233 | 0 | 0 | 467 | 0 | 0 | 4 | 704 | SQ. FT. |

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| DESIGNED - PK | REVISED - |
| DRAWN - JRR | REVISED - |
| CHECKED - RTM | REVISED - |
| DATE - 11/13/2017 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



CROSS SECTIONS - QUENTIN ROAD

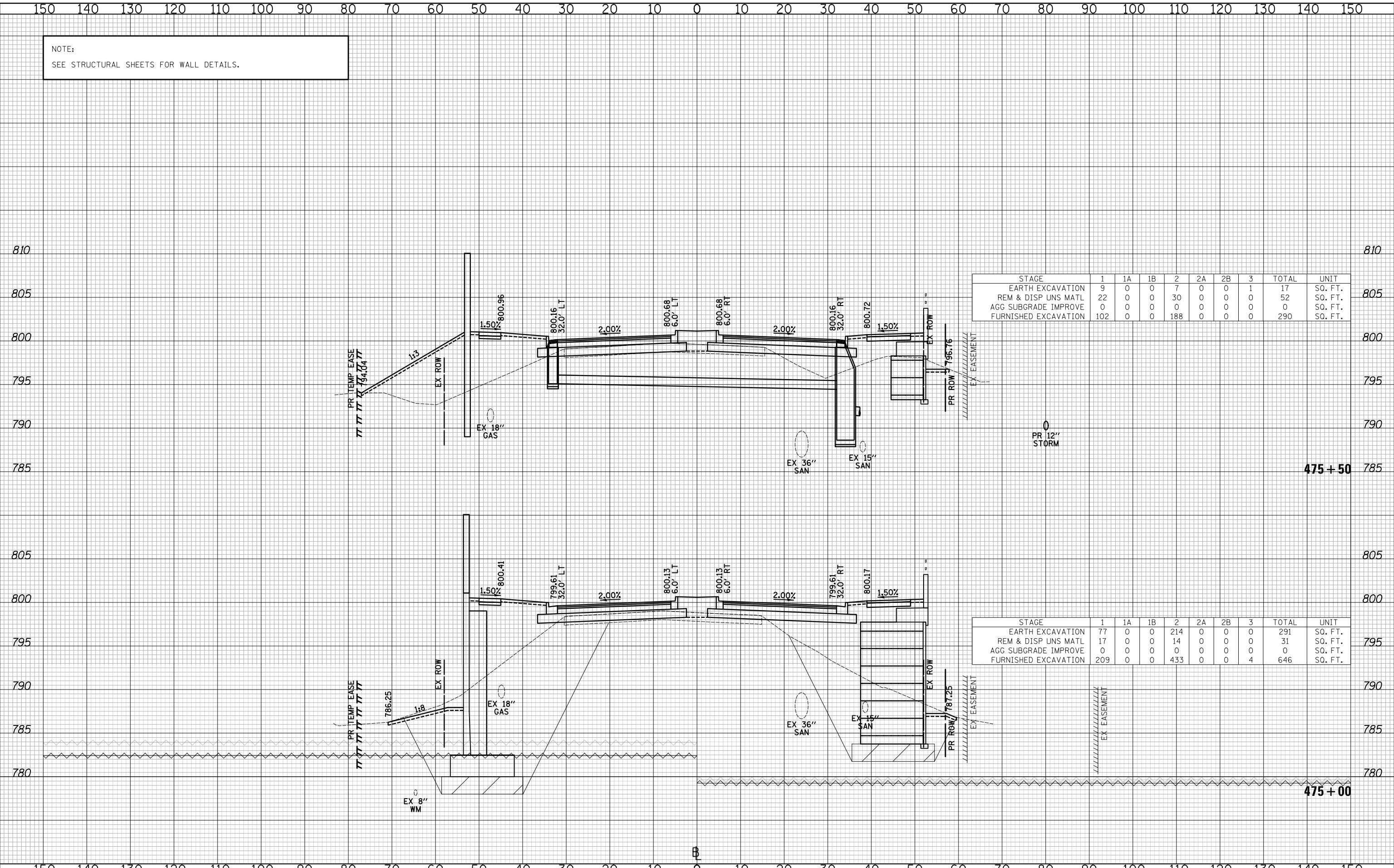
SHEET NO. 52 OF 89 SHEETS STA. 474+50 TO STA. 474+77.64

| | | | | |
|---|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 735 |
| CONTRACT NO. 61E22 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

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| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|-----|----|----|---|-------|---------|
| EARTH EXCAVATION | 9 | 0 | 0 | 7 | 0 | 0 | 1 | 17 | SQ. FT. |
| REM & DISP UNS MATL | 22 | 0 | 0 | 30 | 0 | 0 | 0 | 52 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 102 | 0 | 0 | 188 | 0 | 0 | 0 | 290 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|-----|----|----|---|-------|---------|
| EARTH EXCAVATION | 77 | 0 | 0 | 214 | 0 | 0 | 0 | 291 | SQ. FT. |
| REM & DISP UNS MATL | 17 | 0 | 0 | 14 | 0 | 0 | 0 | 31 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 209 | 0 | 0 | 433 | 0 | 0 | 4 | 646 | SQ. FT. |

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| DATE - 11/13/2017 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



CROSS SECTIONS - QUENTIN ROAD

SHEET NO. 53 OF 89 SHEETS STA. 475+00 TO STA. 475+50

| | | | | |
|---|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 736 |
| CONTRACT NO. 61E22 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE AND/OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 (04/01/2016) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE CURRENT IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

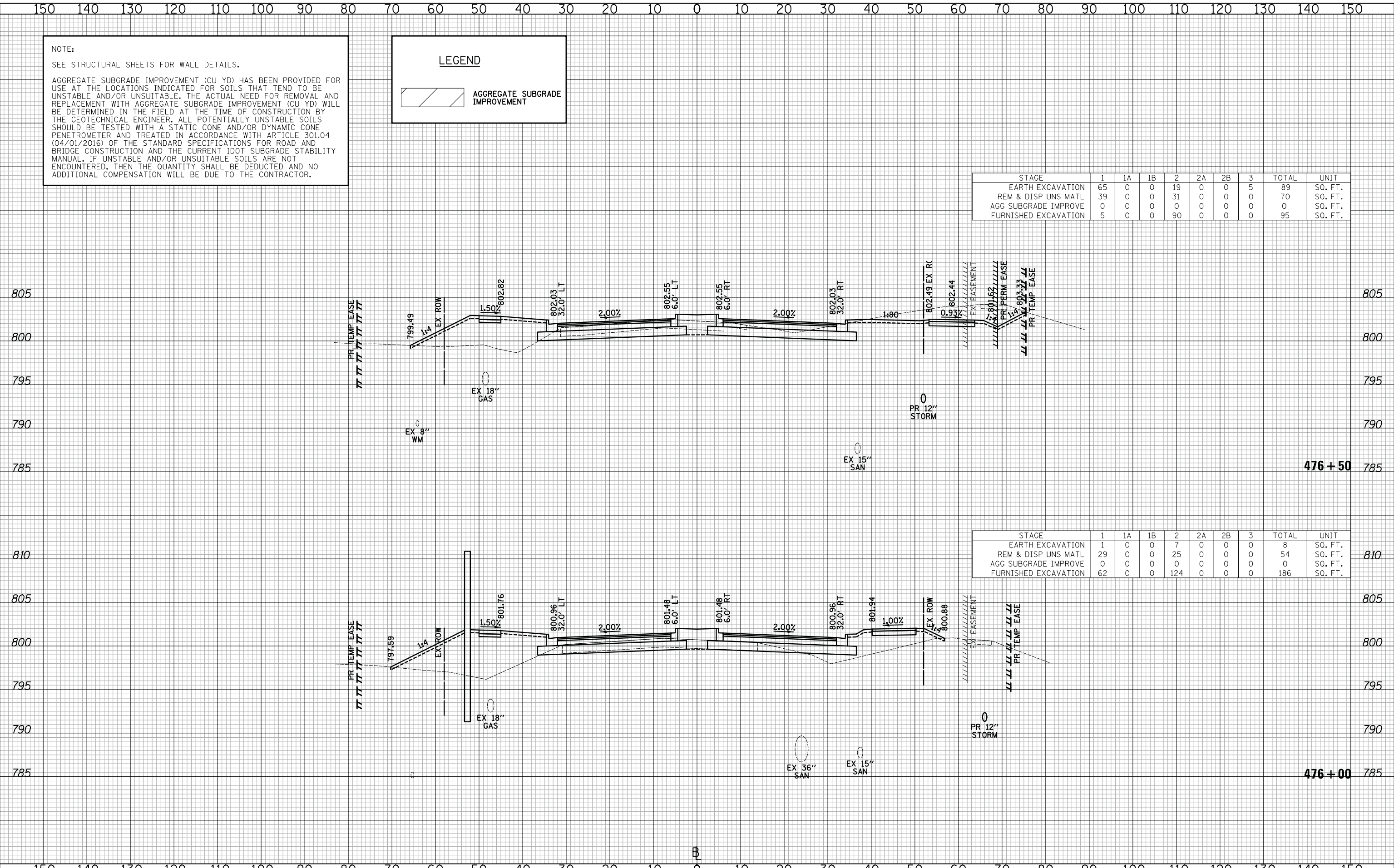
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AGGREGATE SUBGRADE IMPROVEMENT

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 65 | 0 | 0 | 19 | 0 | 0 | 5 | 89 | SQ. FT. |
| REM & DISP UNS MATL | 39 | 0 | 0 | 31 | 0 | 0 | 0 | 70 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 5 | 0 | 0 | 90 | 0 | 0 | 0 | 95 | SQ. FT. |

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| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|-----|----|----|---|-------|---------|
| EARTH EXCAVATION | 1 | 0 | 0 | 7 | 0 | 0 | 0 | 8 | SQ. FT. |
| REM & DISP UNS MATL | 29 | 0 | 0 | 25 | 0 | 0 | 0 | 54 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 62 | 0 | 0 | 124 | 0 | 0 | 0 | 186 | SQ. FT. |

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

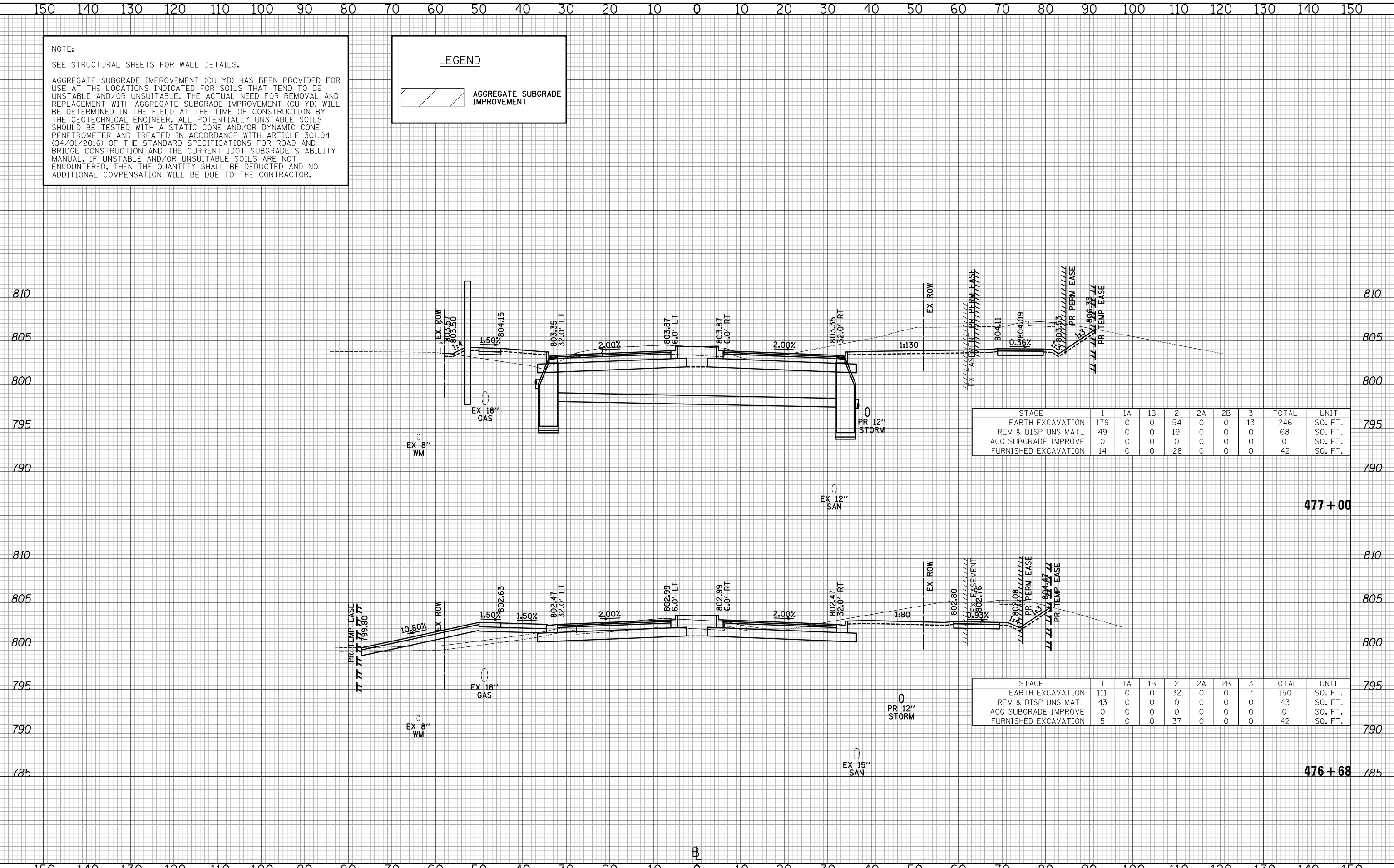
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LEGEND

AGGREGATE SUBGRADE IMPROVEMENT

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| DATE | |
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| FINAL SURVEY | SURVEYED |
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| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 179 | 0 | 0 | 54 | 0 | 0 | 13 | 246 | SQ. FT. |
| REM & DISP UNS MATL | 49 | 0 | 0 | 19 | 0 | 0 | 0 | 68 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 14 | 0 | 0 | 28 | 0 | 0 | 0 | 42 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 111 | 0 | 0 | 32 | 0 | 0 | 7 | 150 | SQ. FT. |
| REM & DISP UNS MATL | 43 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 5 | 0 | 0 | 37 | 0 | 0 | 0 | 42 | SQ. FT. |

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



CROSS SECTIONS - QUENTIN ROAD

SHEET NO. 55 OF 89 SHEETS STA. 476+68 TO STA. 477+00

| | | | | |
|---|----------------|--------|--------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 738 |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 61E22 | |

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

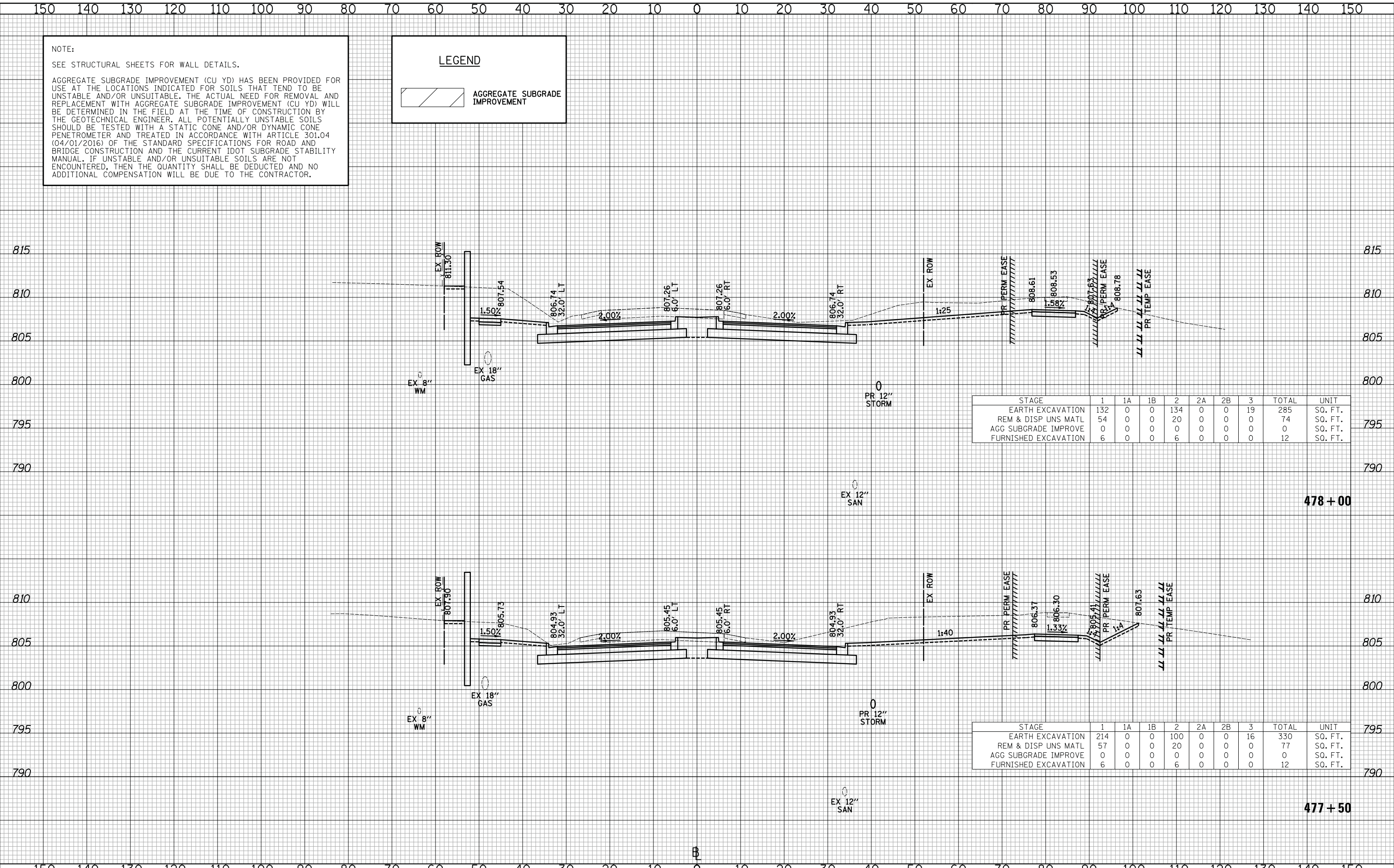
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LEGEND

AGGREGATE SUBGRADE IMPROVEMENT

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| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|-----|----|----|----|-------|---------|
| EARTH EXCAVATION | 132 | 0 | 0 | 134 | 0 | 0 | 19 | 285 | SQ. FT. |
| REM & DISP UNS MATL | 54 | 0 | 0 | 20 | 0 | 0 | 0 | 74 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 6 | 0 | 0 | 6 | 0 | 0 | 0 | 12 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|-----|----|----|----|-------|---------|
| EARTH EXCAVATION | 214 | 0 | 0 | 100 | 0 | 0 | 16 | 330 | SQ. FT. |
| REM & DISP UNS MATL | 57 | 0 | 0 | 20 | 0 | 0 | 0 | 77 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 6 | 0 | 0 | 6 | 0 | 0 | 0 | 12 | SQ. FT. |

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



CROSS SECTIONS - QUENTIN ROAD

SHEET NO. 56 OF 89 SHEETS STA. 477+50 TO STA. 478+00

| | | | | |
|---|----------------|--------|--------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 739 |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 61E22 | |

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

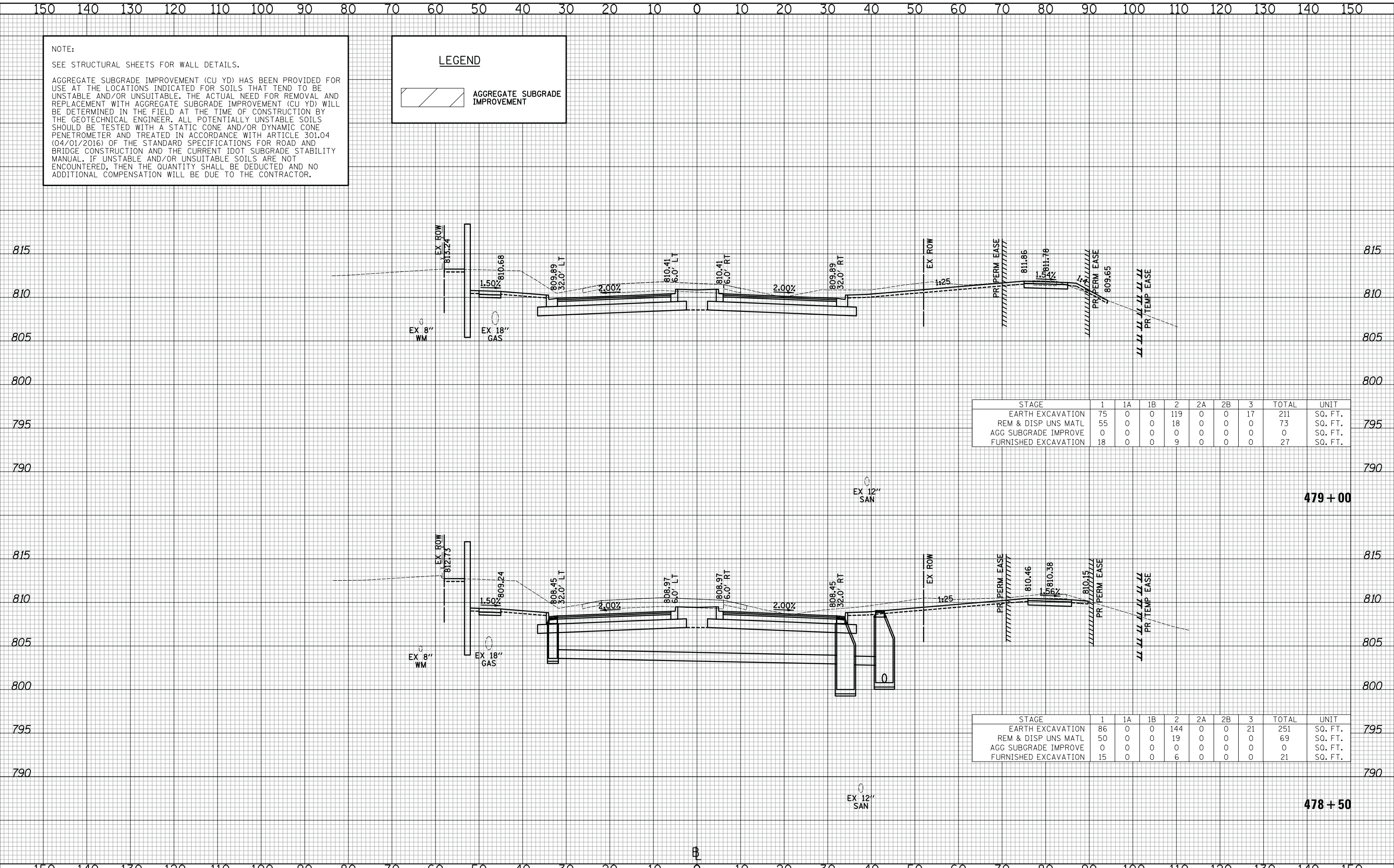
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LEGEND

AGGREGATE SUBGRADE IMPROVEMENT

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| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|-----|----|----|----|-------|---------|
| EARTH EXCAVATION | 75 | 0 | 0 | 119 | 0 | 0 | 17 | 211 | SQ. FT. |
| REM & DISP UNS MATL | 55 | 0 | 0 | 18 | 0 | 0 | 0 | 73 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 18 | 0 | 0 | 9 | 0 | 0 | 0 | 27 | SQ. FT. |

479 + 00

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|-----|----|----|----|-------|---------|
| EARTH EXCAVATION | 86 | 0 | 0 | 144 | 0 | 0 | 21 | 251 | SQ. FT. |
| REM & DISP UNS MATL | 50 | 0 | 0 | 19 | 0 | 0 | 0 | 69 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 15 | 0 | 0 | 6 | 0 | 0 | 0 | 21 | SQ. FT. |

478 + 50

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



CROSS SECTIONS - QUENTIN ROAD

SHEET NO. 57 OF 89 SHEETS STA. 478+50 TO STA. 479+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|--------|--------------|-----------|
| 2574 | 08-00090-12-CH | LAKE | 778 | 740 |
| CONTRACT NO. 61E22 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

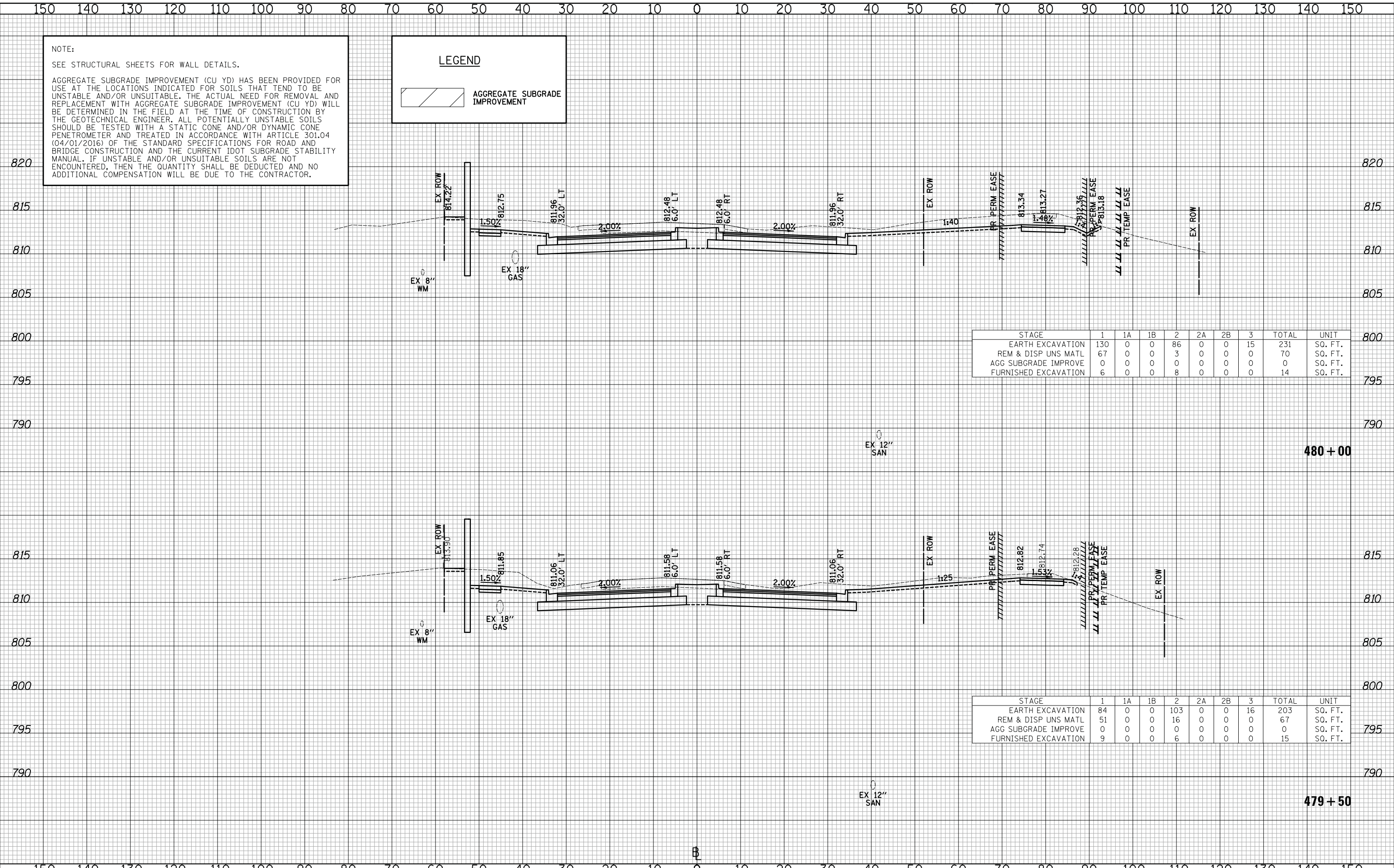
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LEGEND

AGGREGATE SUBGRADE IMPROVEMENT

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| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 130 | 0 | 0 | 86 | 0 | 0 | 15 | 231 | SQ. FT. |
| REM & DISP UNS MATL | 67 | 0 | 0 | 3 | 0 | 0 | 0 | 70 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 6 | 0 | 0 | 8 | 0 | 0 | 0 | 14 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|-----|----|----|----|-------|---------|
| EARTH EXCAVATION | 84 | 0 | 0 | 103 | 0 | 0 | 16 | 203 | SQ. FT. |
| REM & DISP UNS MATL | 51 | 0 | 0 | 16 | 0 | 0 | 0 | 67 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 9 | 0 | 0 | 6 | 0 | 0 | 0 | 15 | SQ. FT. |

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| DATE - 1/25/2018 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



CROSS SECTIONS - QUENTIN ROAD

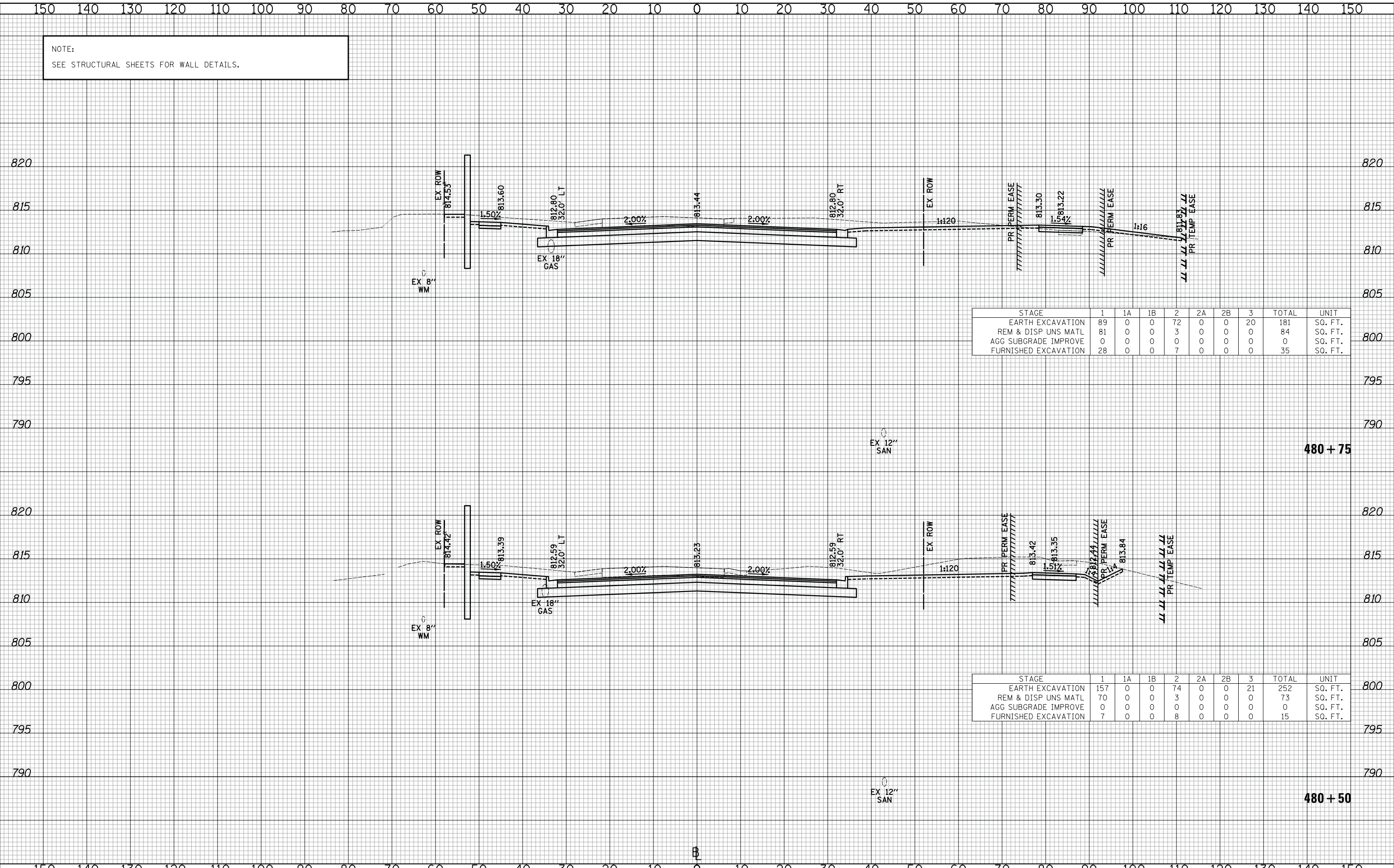
SHEET NO. 58 OF 89 SHEETS STA. 479+50 TO STA. 480+00

| | | | | |
|---|----------------|--------|--------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 741 |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 61E22 | |

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

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| ORIGINAL SURVEY | |
| NOTE BOOK | |
| NO. | |



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 89 | 0 | 0 | 72 | 0 | 0 | 20 | 181 | SQ. FT. |
| REM & DISP UNS MATL | 81 | 0 | 0 | 3 | 0 | 0 | 0 | 84 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 28 | 0 | 0 | 7 | 0 | 0 | 0 | 35 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 157 | 0 | 0 | 74 | 0 | 0 | 21 | 252 | SQ. FT. |
| REM & DISP UNS MATL | 70 | 0 | 0 | 3 | 0 | 0 | 0 | 73 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 7 | 0 | 0 | 8 | 0 | 0 | 0 | 15 | SQ. FT. |

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| DRAWN - JRR | REVISED - |
| CHECKED - RTM | REVISED - |
| DATE - 11/13/2017 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



CROSS SECTIONS - QUENTIN ROAD

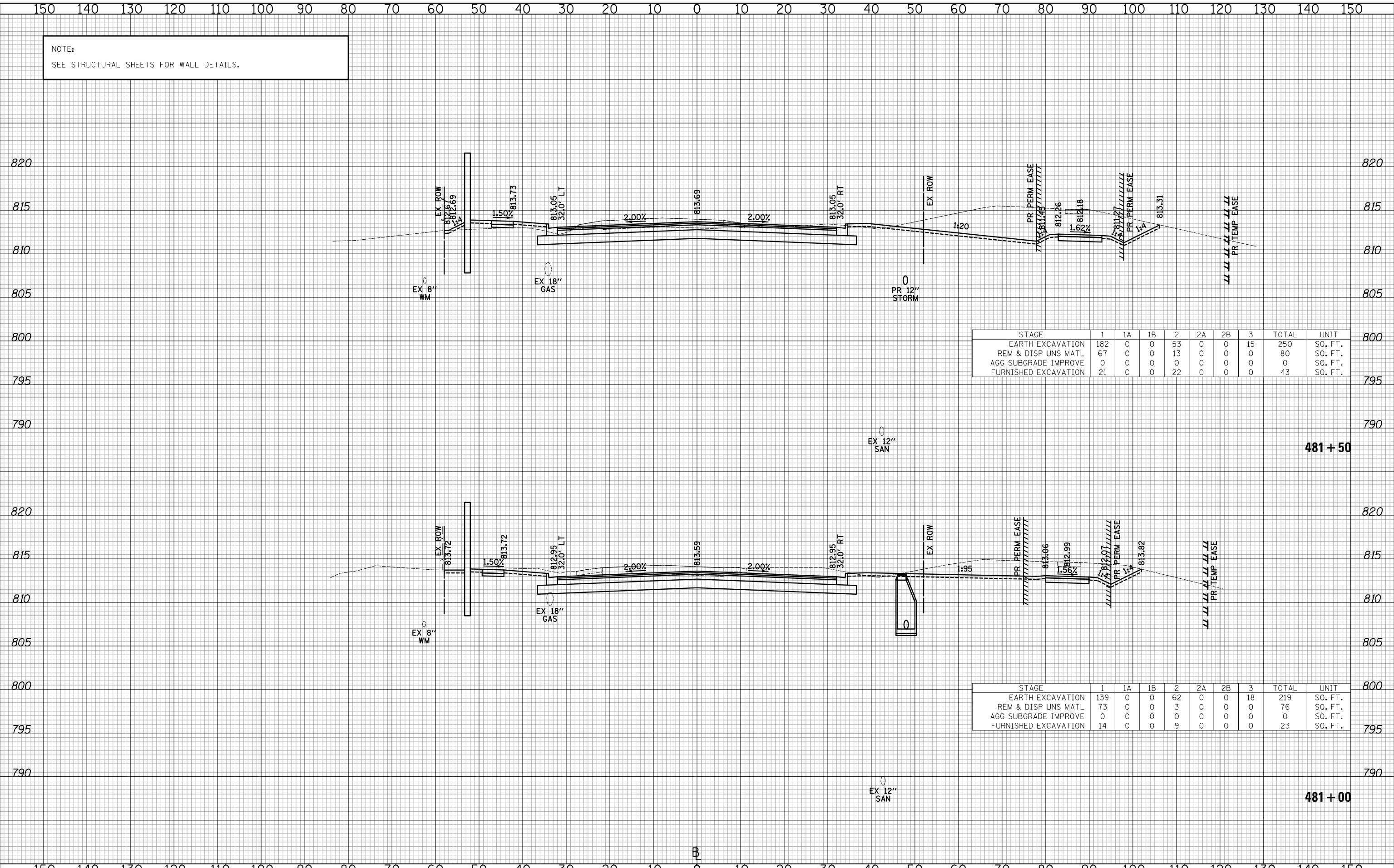
SHEET NO. 59 OF 89 SHEETS | STA. 480+50 TO STA. 480+75

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|---|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 742 |
| CONTRACT NO. 61E22 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

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| NOTE BOOK | |
| AREAS CHECKED | |
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| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 182 | 0 | 0 | 53 | 0 | 0 | 15 | 250 | SQ. FT. |
| REM & DISP UNS MATL | 67 | 0 | 0 | 13 | 0 | 0 | 0 | 80 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 21 | 0 | 0 | 22 | 0 | 0 | 0 | 43 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 139 | 0 | 0 | 62 | 0 | 0 | 18 | 219 | SQ. FT. |
| REM & DISP UNS MATL | 73 | 0 | 0 | 3 | 0 | 0 | 0 | 76 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 14 | 0 | 0 | 9 | 0 | 0 | 0 | 23 | SQ. FT. |

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| DRAWN - JRR | REVISED - |
| CHECKED - RTM | REVISED - |
| DATE - 11/13/2017 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

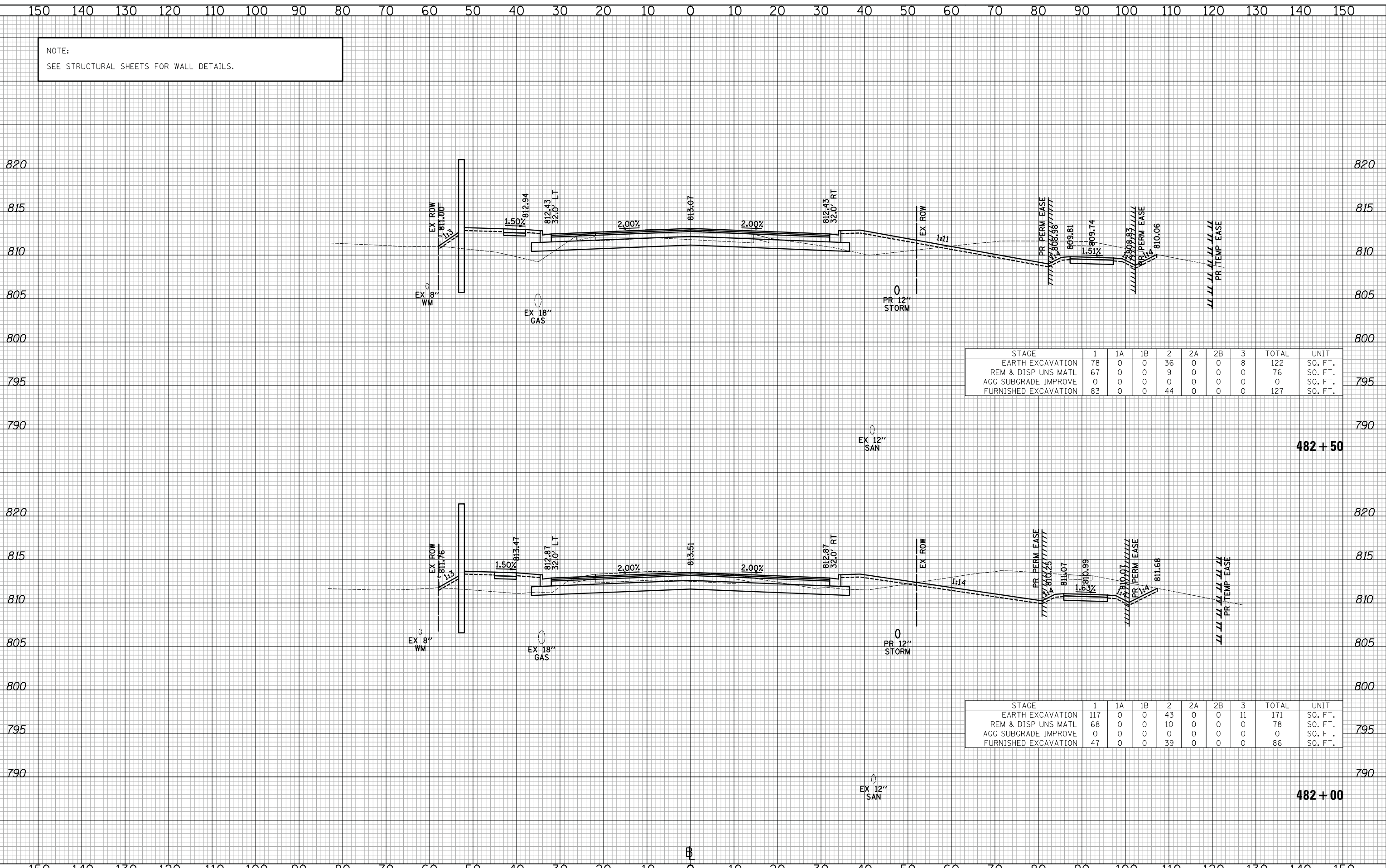


CROSS SECTIONS - QUENTIN ROAD

SHEET NO. 60 OF 89 SHEETS STA. 481+00 TO STA. 481+50

| | | | | |
|---|----------------|--------|--------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 743 |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 61E22 | |

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 78 | 0 | 0 | 36 | 0 | 0 | 8 | 122 | SQ. FT. |
| REM & DISP UNS MATL | 67 | 0 | 0 | 9 | 0 | 0 | 0 | 76 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 83 | 0 | 0 | 44 | 0 | 0 | 0 | 127 | SQ. FT. |

482 + 50

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 117 | 0 | 0 | 43 | 0 | 0 | 11 | 171 | SQ. FT. |
| REM & DISP UNS MATL | 68 | 0 | 0 | 10 | 0 | 0 | 0 | 78 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 47 | 0 | 0 | 39 | 0 | 0 | 0 | 86 | SQ. FT. |

482 + 00

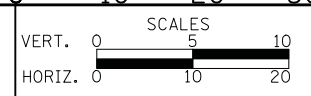
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| DATE | BY |
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| NOTE BOOK | AREAS CHECKED |
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| NOTE BOOK | AREAS CHECKED |
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| DRAWN - JRR | REVISED - |
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| DATE - 11/13/2017 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



CROSS SECTIONS - QUENTIN ROAD

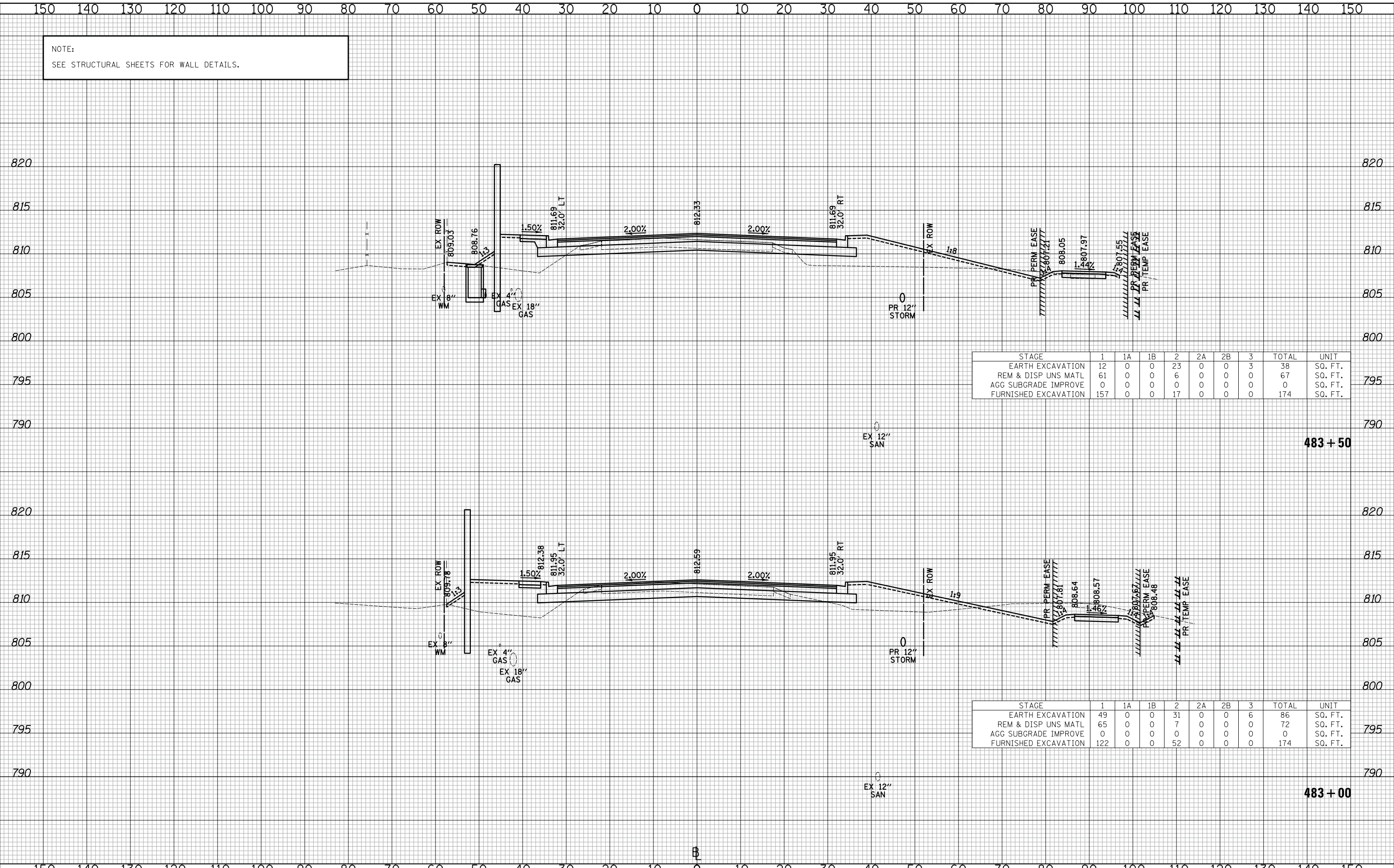
SHEET NO. 61 OF 89 SHEETS STA. 482+00 TO STA. 482+50

| | | | | |
|---|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 744 |
| CONTRACT NO. 61E22 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

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| DATE | |
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| AREAS | |
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| NO. | |



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 12 | 0 | 0 | 23 | 0 | 0 | 3 | 38 | SQ. FT. |
| REM & DISP UNS MATL | 61 | 0 | 0 | 6 | 0 | 0 | 0 | 67 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 157 | 0 | 0 | 17 | 0 | 0 | 0 | 174 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 49 | 0 | 0 | 31 | 0 | 0 | 6 | 86 | SQ. FT. |
| REM & DISP UNS MATL | 65 | 0 | 0 | 7 | 0 | 0 | 0 | 72 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 122 | 0 | 0 | 52 | 0 | 0 | 0 | 174 | SQ. FT. |

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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HORIZ. 0 10 20

SCALES

CROSS SECTIONS - QUENTIN ROAD

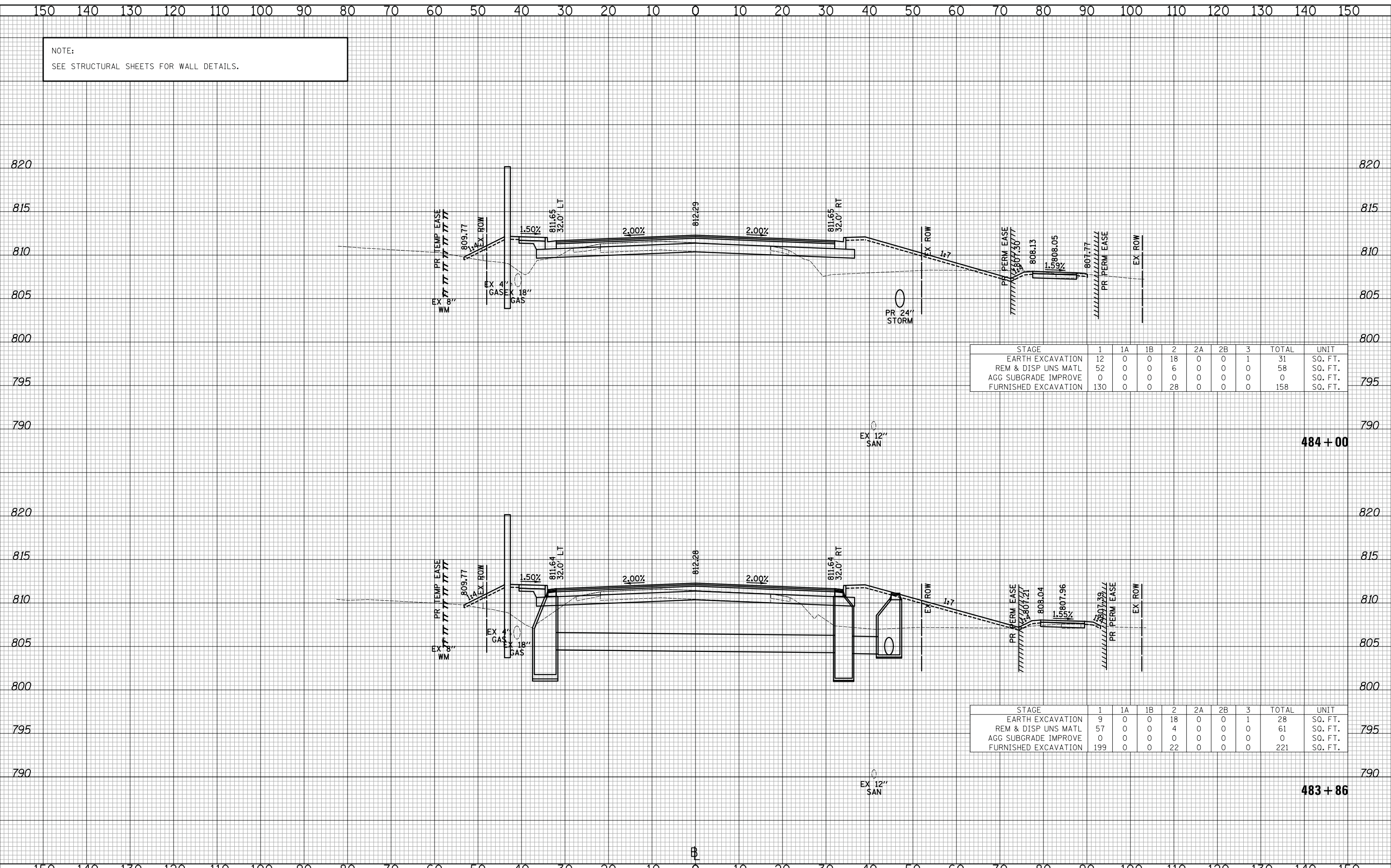
SHEET NO. 62 OF 89 SHEETS STA. 483+00 TO STA. 483+50

| | | | | |
|---|----------------|--------|--------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 745 |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 61E22 | |

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

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| DATE | |
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| ORIGINAL SURVEY | |
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| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 12 | 0 | 0 | 18 | 0 | 0 | 1 | 31 | SQ. FT. |
| REM & DISP UNS MATL | 52 | 0 | 0 | 6 | 0 | 0 | 0 | 58 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 130 | 0 | 0 | 28 | 0 | 0 | 0 | 158 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 9 | 0 | 0 | 18 | 0 | 0 | 1 | 28 | SQ. FT. |
| REM & DISP UNS MATL | 57 | 0 | 0 | 4 | 0 | 0 | 0 | 61 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 199 | 0 | 0 | 22 | 0 | 0 | 0 | 221 | SQ. FT. |

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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SCALES

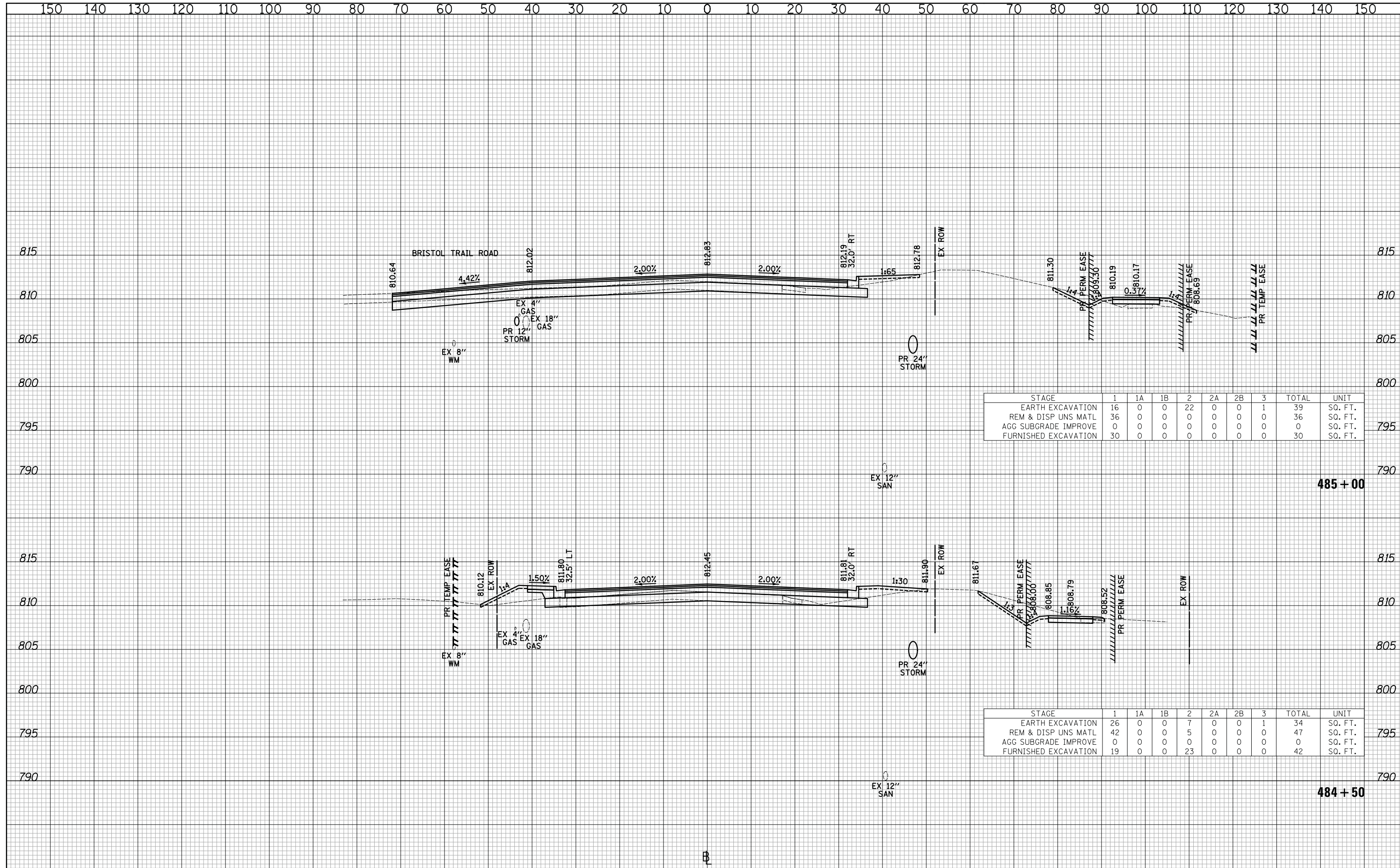
CROSS SECTIONS - QUENTIN ROAD

SHEET NO. 63 OF 89 SHEETS STA. 483+86 TO STA. 484+00

| | | | | |
|---|----------------|--------|--------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 746 |
| FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT | | | CONTRACT NO. 61E22 | |

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| DATE | |
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| BY | |
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| PLOTTED | |
| TEMPLATE | |
| AREAS | |
| CHECKED | |
| NO. | |



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 16 | 0 | 0 | 22 | 0 | 0 | 1 | 39 | SQ. FT. |
| REM & DISP UNS MATL | 36 | 0 | 0 | 0 | 0 | 0 | 0 | 36 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | SQ. FT. |

485 + 00

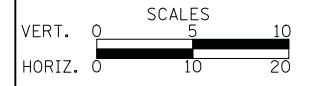
| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 26 | 0 | 0 | 7 | 0 | 0 | 1 | 34 | SQ. FT. |
| REM & DISP UNS MATL | 42 | 0 | 0 | 5 | 0 | 0 | 0 | 47 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 19 | 0 | 0 | 23 | 0 | 0 | 0 | 42 | SQ. FT. |

484 + 50

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**



CROSS SECTIONS - QUENTIN ROAD

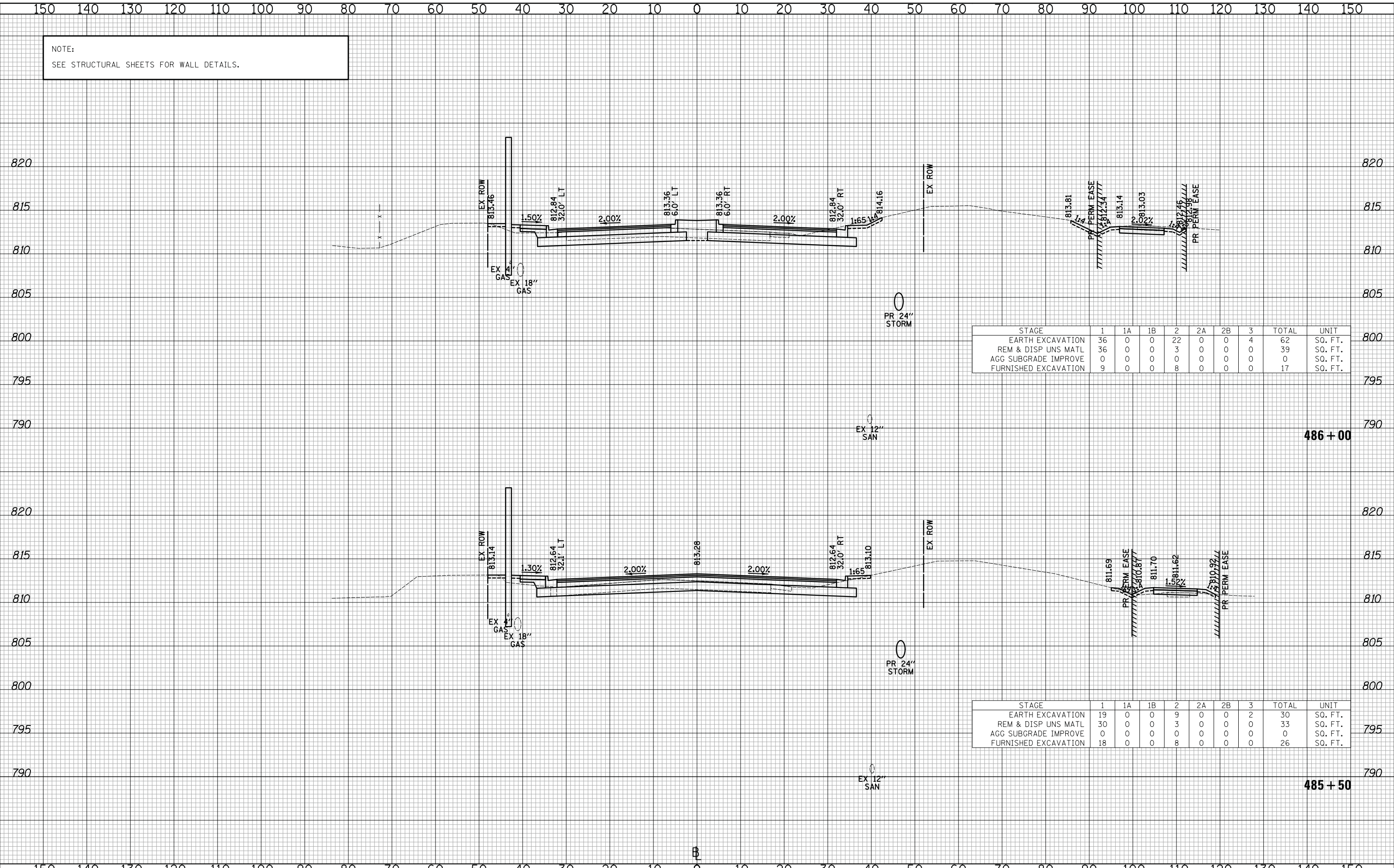
SHEET NO. 64 OF 89 SHEETS STA. 484+50 TO STA. 485+00

| | | | | |
|---|----------------|--------|--------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 747 |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 61E22 | |

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

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| NO. | |
| FINAL SURVEY | SURVEYED |
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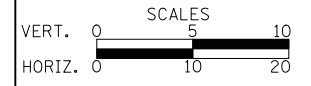
| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 36 | 0 | 0 | 22 | 0 | 0 | 4 | 62 | SQ. FT. |
| REM & DISP UNS MATL | 36 | 0 | 0 | 3 | 0 | 0 | 0 | 39 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 9 | 0 | 0 | 8 | 0 | 0 | 0 | 17 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|---|----|----|---|-------|---------|
| EARTH EXCAVATION | 19 | 0 | 0 | 9 | 0 | 0 | 2 | 30 | SQ. FT. |
| REM & DISP UNS MATL | 30 | 0 | 0 | 3 | 0 | 0 | 0 | 33 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 18 | 0 | 0 | 8 | 0 | 0 | 0 | 26 | SQ. FT. |

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



CROSS SECTIONS - QUENTIN ROAD

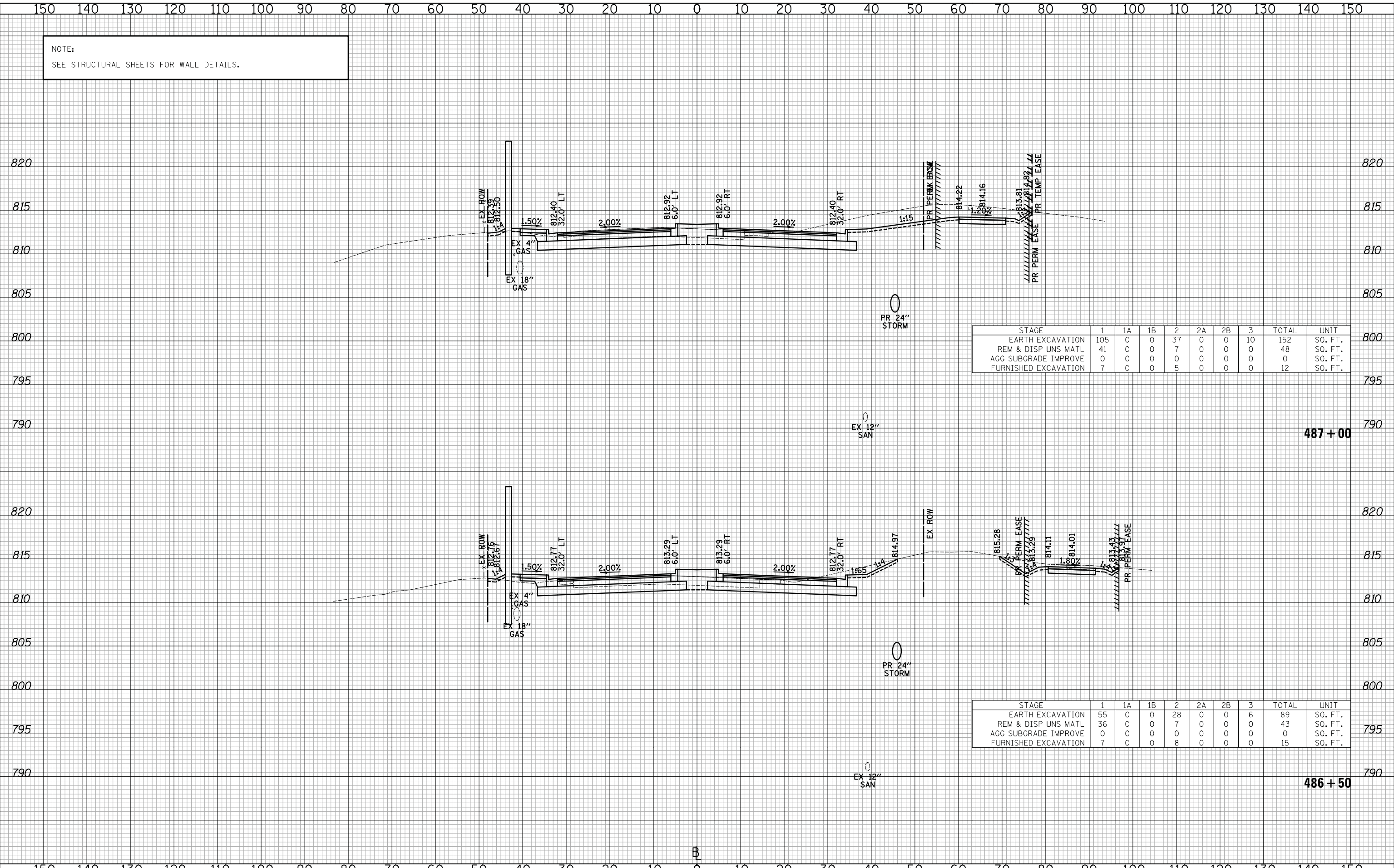
SHEET NO. 65 OF 89 SHEETS STA. 485+50 TO STA. 486+00

| | | | | |
|---|----------------|--------|--------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 748 |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 61E22 | |

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

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| DATE | |
| BY | |
| NO. | |
| ORIGINAL SURVEY | |
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| ORIGINAL SURVEY | |
| SURVEYED | |
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| TEMPLATE | |
| AREAS | |
| CHECKED | |



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 105 | 0 | 0 | 37 | 0 | 0 | 10 | 152 | SQ. FT. |
| REM & DISP UNS MATL | 41 | 0 | 0 | 7 | 0 | 0 | 0 | 48 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 7 | 0 | 0 | 5 | 0 | 0 | 0 | 12 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 55 | 0 | 0 | 28 | 0 | 0 | 6 | 89 | SQ. FT. |
| REM & DISP UNS MATL | 36 | 0 | 0 | 7 | 0 | 0 | 0 | 43 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 7 | 0 | 0 | 8 | 0 | 0 | 0 | 15 | SQ. FT. |

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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SCALES

CROSS SECTIONS - QUENTIN ROAD

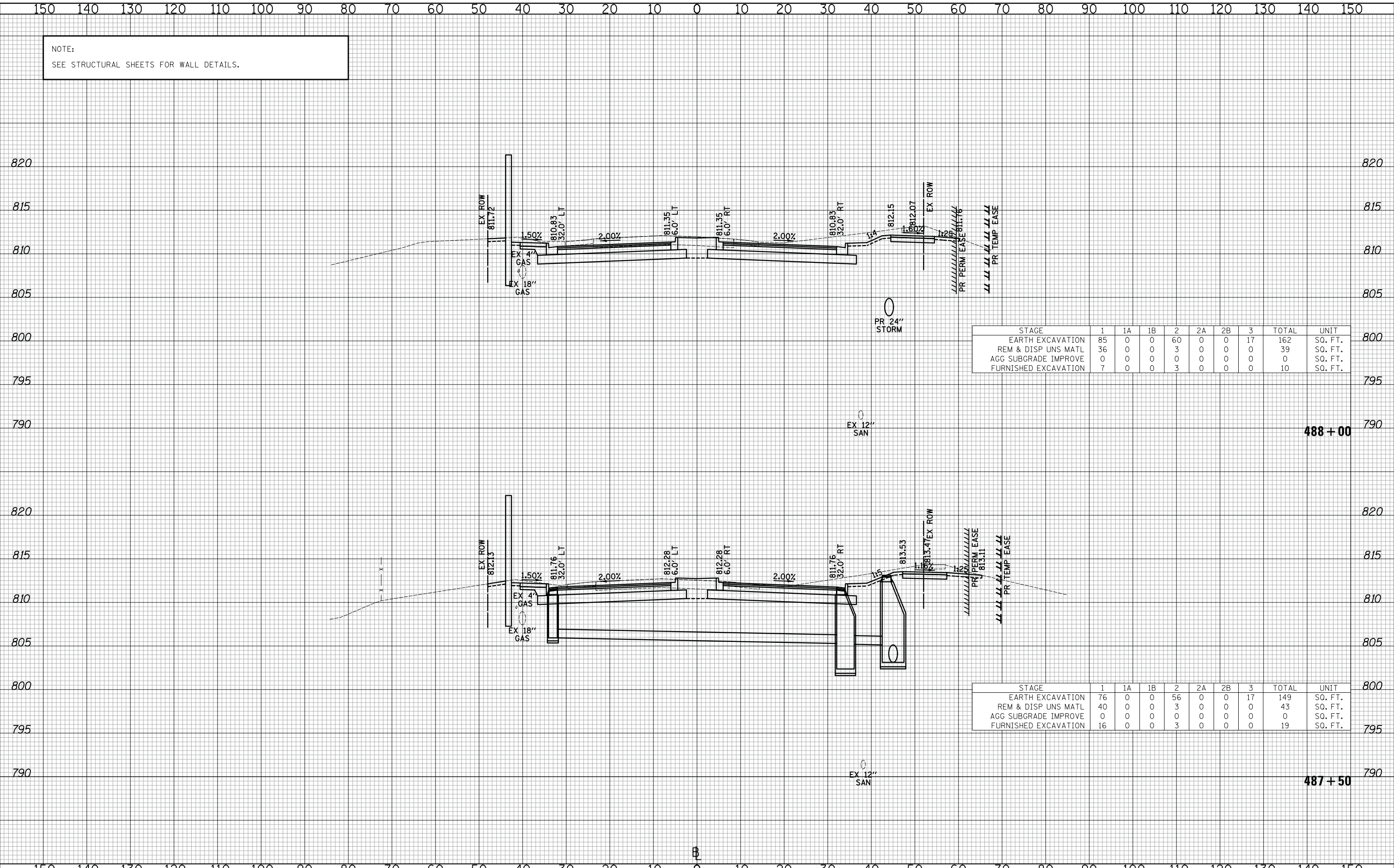
SHEET NO. 66 OF 89 SHEETS STA. 486+50 TO STA. 487+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|--------|--------------|-----------|
| 2574 | 08-00090-12-CH | LAKE | 778 | 749 |
| CONTRACT NO. 61E22 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

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|---------------|--|
| DATE | |
| BY | |
| SURVEYED | |
| PLOTTED | |
| TEMPLATE | |
| AREAS CHECKED | |
| NO. | |

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| DATE | |
| BY | |
| SURVEYED | |
| PLOTTED | |
| TEMPLATE | |
| AREAS CHECKED | |
| NO. | |



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 85 | 0 | 0 | 60 | 0 | 0 | 17 | 162 | SQ. FT. |
| REM & DISP UNS MATL | 36 | 0 | 0 | 3 | 0 | 0 | 0 | 39 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 7 | 0 | 0 | 3 | 0 | 0 | 0 | 10 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 76 | 0 | 0 | 56 | 0 | 0 | 17 | 149 | SQ. FT. |
| REM & DISP UNS MATL | 40 | 0 | 0 | 3 | 0 | 0 | 0 | 43 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 16 | 0 | 0 | 3 | 0 | 0 | 0 | 19 | SQ. FT. |

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| DATE - 11/13/2017 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



CROSS SECTIONS - QUENTIN ROAD

SHEET NO. 67 OF 89 SHEETS STA. 487+50 TO STA. 488+00

| | | | | |
|---|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 750 |
| CONTRACT NO. 61E22 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

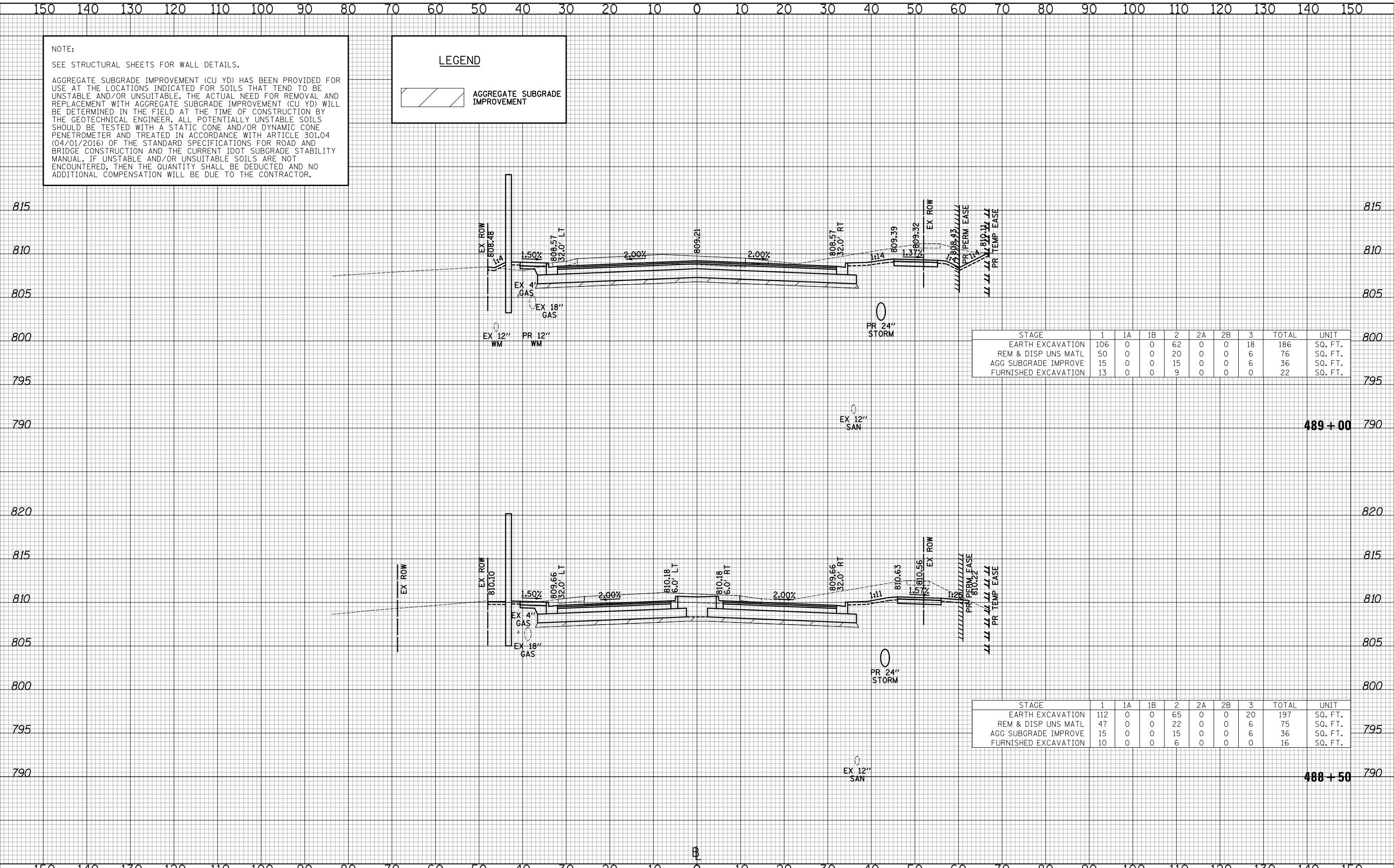
AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE AND/OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 (04/01/2016) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE CURRENT IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

LEGEND

AGGREGATE SUBGRADE IMPROVEMENT

| | |
|---------------|--|
| DATE | |
| BY | |
| FINAL SURVEY | |
| SURVEYED | |
| PLOTTED | |
| TEMPLATE | |
| NOTE BOOK | |
| AREAS CHECKED | |
| NO. | |

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| DATE | |
| BY | |
| ORIGINAL SURVEY | |
| SURVEYED | |
| PLOTTED | |
| TEMPLATE | |
| NOTE BOOK | |
| AREAS CHECKED | |
| NO. | |



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 106 | 0 | 0 | 62 | 0 | 0 | 18 | 186 | SQ. FT. |
| REM & DISP UNS MATL | 50 | 0 | 0 | 20 | 0 | 0 | 6 | 76 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 15 | 0 | 0 | 15 | 0 | 0 | 6 | 36 | SQ. FT. |
| FURNISHED EXCAVATION | 13 | 0 | 0 | 9 | 0 | 0 | 0 | 22 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 112 | 0 | 0 | 65 | 0 | 0 | 20 | 197 | SQ. FT. |
| REM & DISP UNS MATL | 47 | 0 | 0 | 22 | 0 | 0 | 6 | 75 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 15 | 0 | 0 | 15 | 0 | 0 | 6 | 36 | SQ. FT. |
| FURNISHED EXCAVATION | 10 | 0 | 0 | 6 | 0 | 0 | 0 | 16 | SQ. FT. |

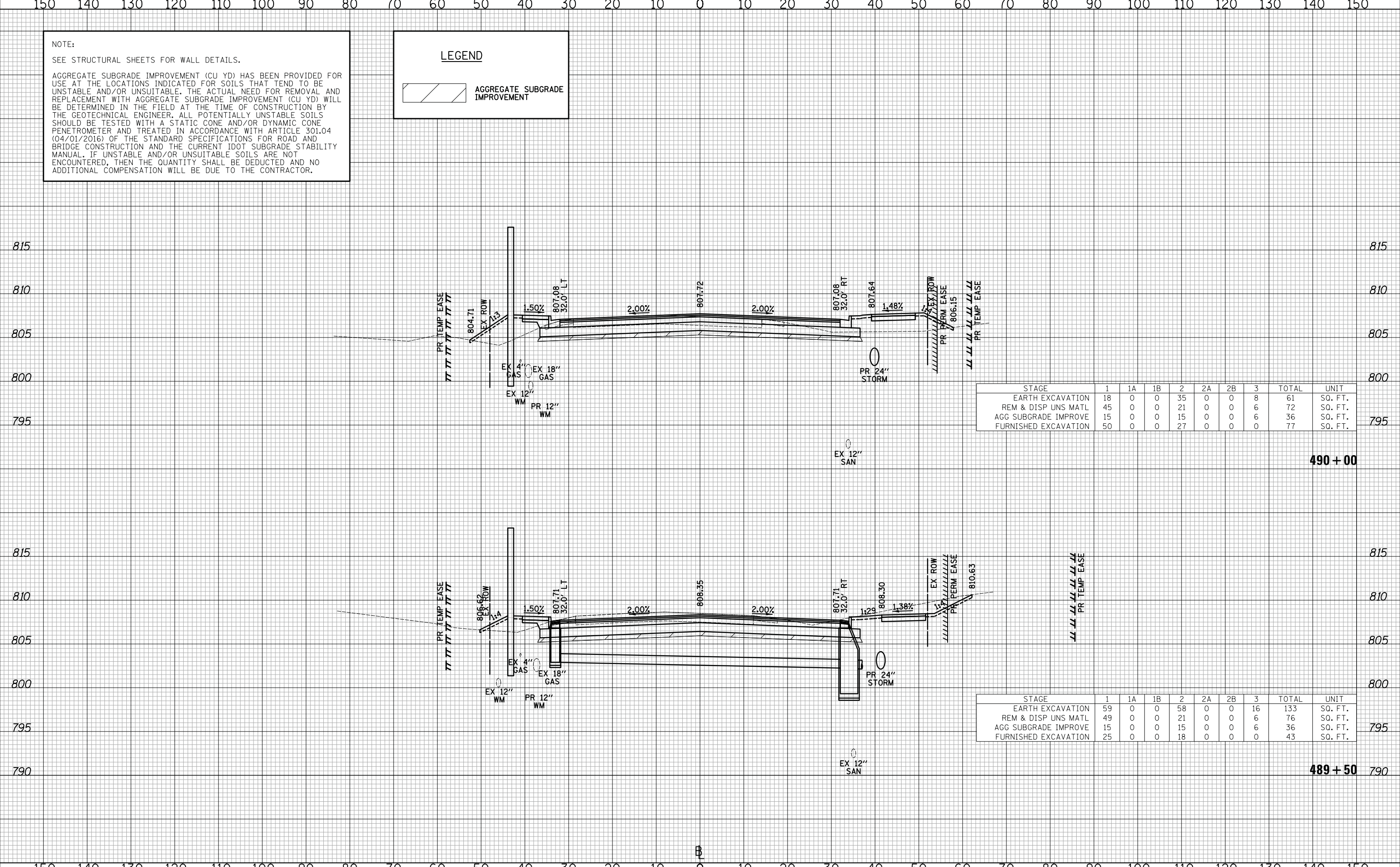
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| BY | |
| ORIGINAL SURVEY | |
| SURVEYED PLOTTED | |
| TEMPLATE | |
| NOTE BOOK | |
| AREAS CHECKED | |
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NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.
AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE AND/OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 (04/01/2016) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE CURRENT IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

LEGEND

AGGREGATE SUBGRADE IMPROVEMENT



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 18 | 0 | 0 | 35 | 0 | 0 | 8 | 61 | SQ. FT. |
| REM & DISP UNS MATL | 45 | 0 | 0 | 21 | 0 | 0 | 6 | 72 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 15 | 0 | 0 | 15 | 0 | 0 | 6 | 36 | SQ. FT. |
| FURNISHED EXCAVATION | 50 | 0 | 0 | 27 | 0 | 0 | 0 | 77 | SQ. FT. |

490 + 00

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 59 | 0 | 0 | 58 | 0 | 0 | 16 | 133 | SQ. FT. |
| REM & DISP UNS MATL | 49 | 0 | 0 | 21 | 0 | 0 | 6 | 76 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 15 | 0 | 0 | 15 | 0 | 0 | 6 | 36 | SQ. FT. |
| FURNISHED EXCAVATION | 25 | 0 | 0 | 18 | 0 | 0 | 0 | 43 | SQ. FT. |

489 + 50

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| DESIGNED - PK | REVISED - |
| DRAWN - JRR | REVISED - |
| CHECKED - RTM | REVISED - |
| DATE - 11/13/2017 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



CROSS SECTIONS - QUENTIN ROAD

SHEET NO. 69 OF 89 SHEETS STA. 489+50 TO STA. 490+00

| | | | | |
|---|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 752 |
| CONTRACT NO. 61E22 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

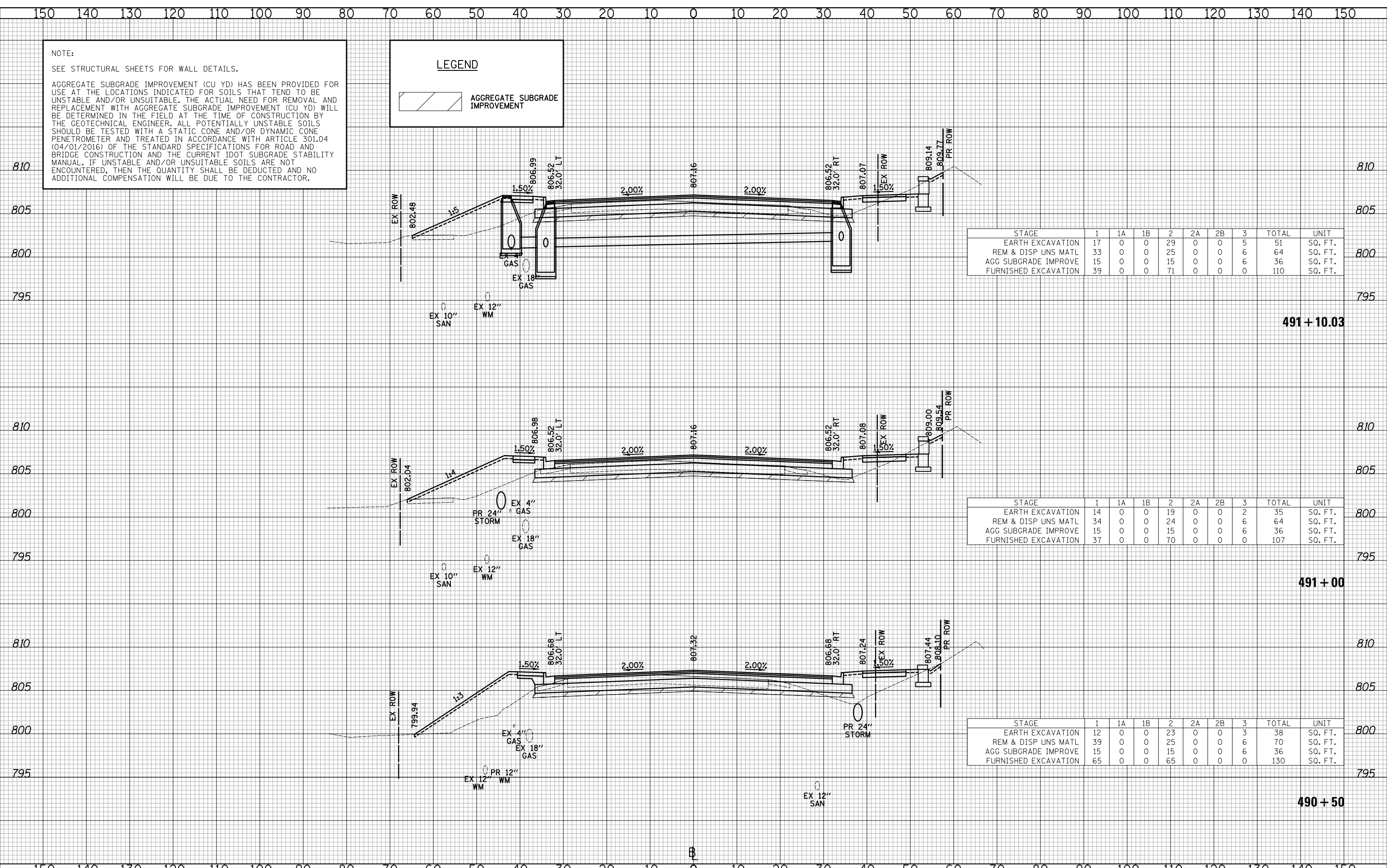
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DATE _____
 BY _____
 SURVEYED _____
 PLOTTED _____
 TEMPLATE _____
 AREAS CHECKED _____
 NO. _____

NOTE:
 SEE STRUCTURAL SHEETS FOR WALL DETAILS.
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LEGEND

AGGREGATE SUBGRADE IMPROVEMENT



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 17 | 0 | 0 | 29 | 0 | 0 | 5 | 51 | SQ. FT. |
| REM & DISP UNS MATL | 33 | 0 | 0 | 25 | 0 | 0 | 6 | 64 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 15 | 0 | 0 | 15 | 0 | 0 | 6 | 36 | SQ. FT. |
| FURNISHED EXCAVATION | 39 | 0 | 0 | 71 | 0 | 0 | 0 | 110 | SQ. FT. |

491 + 10.03

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 14 | 0 | 0 | 19 | 0 | 0 | 2 | 35 | SQ. FT. |
| REM & DISP UNS MATL | 34 | 0 | 0 | 24 | 0 | 0 | 6 | 64 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 15 | 0 | 0 | 15 | 0 | 0 | 6 | 36 | SQ. FT. |
| FURNISHED EXCAVATION | 37 | 0 | 0 | 70 | 0 | 0 | 0 | 107 | SQ. FT. |

491 + 00

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 12 | 0 | 0 | 23 | 0 | 0 | 3 | 38 | SQ. FT. |
| REM & DISP UNS MATL | 39 | 0 | 0 | 25 | 0 | 0 | 6 | 70 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 15 | 0 | 0 | 15 | 0 | 0 | 6 | 36 | SQ. FT. |
| FURNISHED EXCAVATION | 65 | 0 | 0 | 65 | 0 | 0 | 0 | 130 | SQ. FT. |

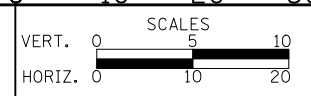
490 + 50

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 CHECKED - RTM
 DATE - 11/13/2017

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**



CROSS SECTIONS - QUENTIN ROAD

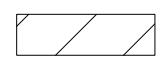
SHEET NO. 70 OF 89 SHEETS STA. 490+50 TO STA. 491+10.03

| | | | | |
|---|----------------|--------|--------------|-----------|
| F.A.U. R.E. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 753 |
| CONTRACT NO. 61E22 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

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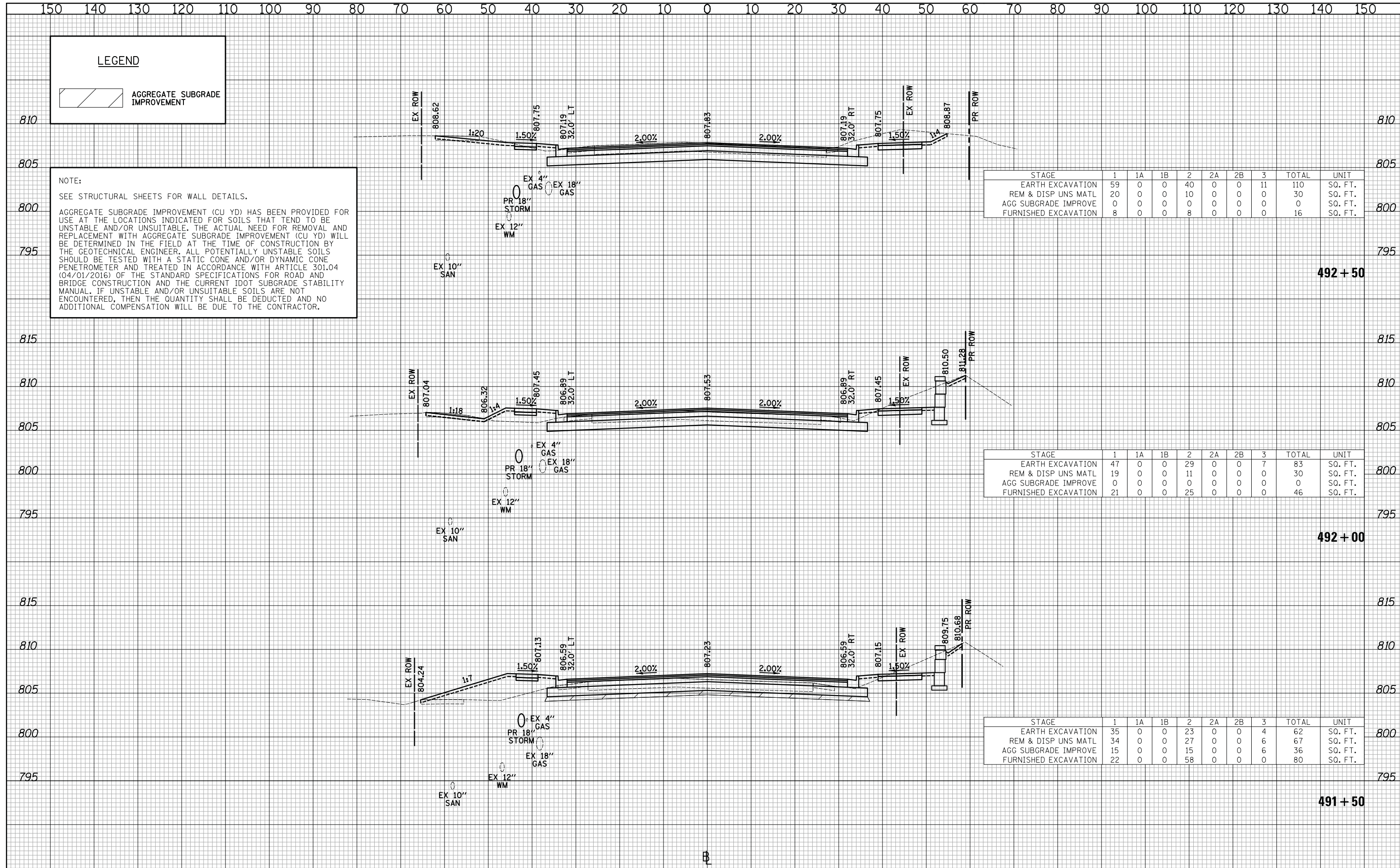
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| TEMPLATE | |
| AREAS CHECKED | |
| ORIGINAL SURVEY | |
| NOTE BOOK | |
| NO. | |

LEGEND

 AGGREGATE SUBGRADE IMPROVEMENT

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE AND/OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 (04/01/2016) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE CURRENT IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 59 | 0 | 0 | 40 | 0 | 0 | 11 | 110 | SQ. FT. |
| REM & DISP UNS MATL | 20 | 0 | 0 | 10 | 0 | 0 | 0 | 30 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 8 | 0 | 0 | 8 | 0 | 0 | 0 | 16 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 47 | 0 | 0 | 29 | 0 | 0 | 7 | 83 | SQ. FT. |
| REM & DISP UNS MATL | 19 | 0 | 0 | 11 | 0 | 0 | 0 | 30 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 21 | 0 | 0 | 25 | 0 | 0 | 0 | 46 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 35 | 0 | 0 | 23 | 0 | 0 | 4 | 62 | SQ. FT. |
| REM & DISP UNS MATL | 34 | 0 | 0 | 27 | 0 | 0 | 6 | 67 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 15 | 0 | 0 | 15 | 0 | 0 | 6 | 36 | SQ. FT. |
| FURNISHED EXCAVATION | 22 | 0 | 0 | 58 | 0 | 0 | 0 | 80 | SQ. FT. |

492 + 50

492 + 00

491 + 50

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DATE - 11/13/2017

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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SCALES

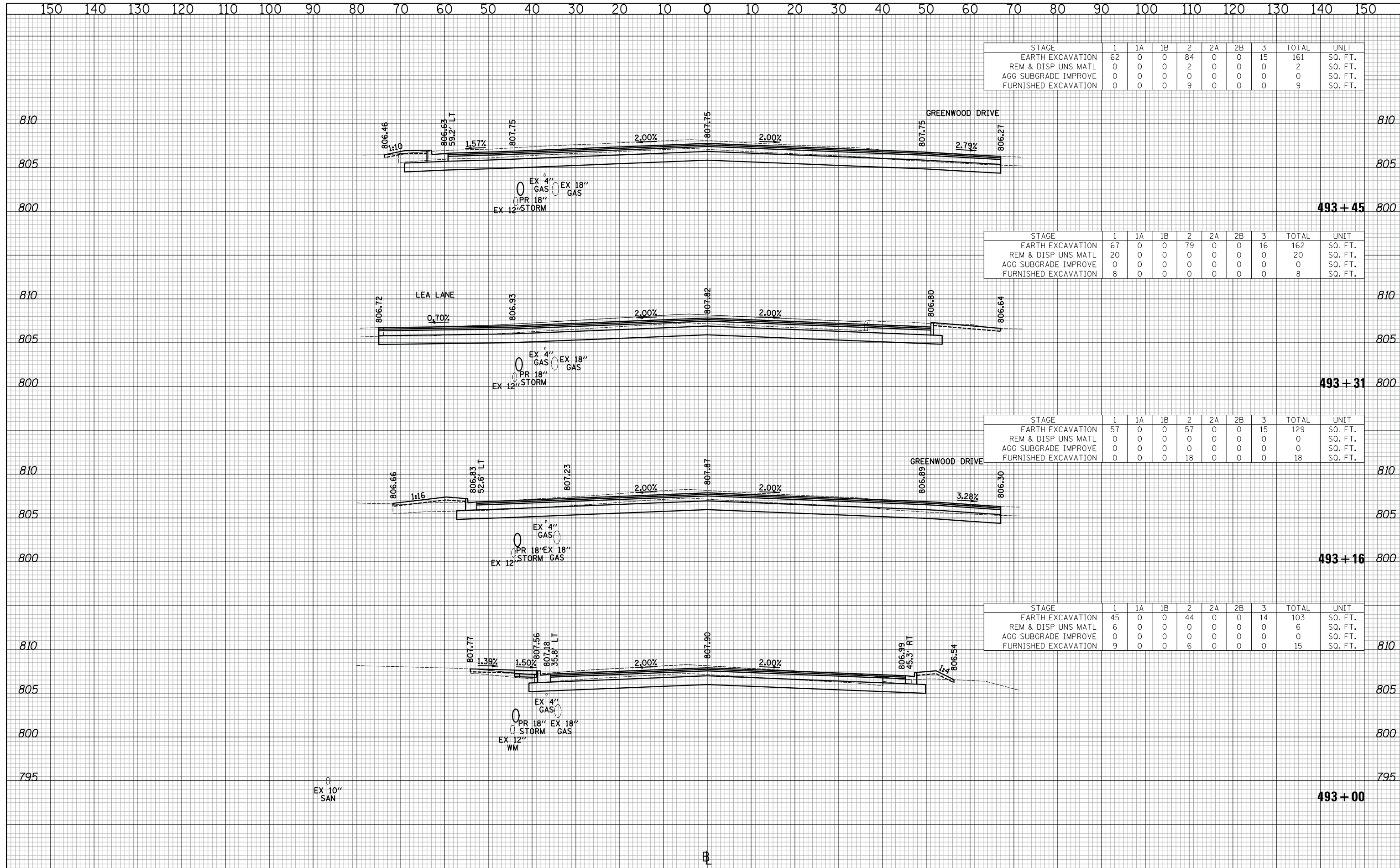
CROSS SECTIONS - QUENTIN ROAD

SHEET NO. 71 OF 89 SHEETS STA. 491+50 TO STA. 492+50

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------------------|----------------|--------|--------------------|-----------|
| 2574 | 08-00090-12-CH | LAKE | 778 | 754 |
| FED. ROAD DIST. NO. 1 ILLINOIS | | | CONTRACT NO. 61E22 | |
| FED. AID PROJECT | | | | |

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| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 62 | 0 | 0 | 84 | 0 | 0 | 15 | 161 | SQ. FT. |
| REM & DISP UNS MATL | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 2 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 9 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 67 | 0 | 0 | 79 | 0 | 0 | 16 | 162 | SQ. FT. |
| REM & DISP UNS MATL | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 57 | 0 | 0 | 57 | 0 | 0 | 15 | 129 | SQ. FT. |
| REM & DISP UNS MATL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 0 | 0 | 0 | 18 | 0 | 0 | 0 | 18 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 45 | 0 | 0 | 44 | 0 | 0 | 14 | 103 | SQ. FT. |
| REM & DISP UNS MATL | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 9 | 0 | 0 | 6 | 0 | 0 | 0 | 15 | SQ. FT. |

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| CHECKED - RTM | REVISED - |
| DATE - 11/13/2017 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



CROSS SECTIONS - QUENTIN ROAD

SHEET NO. 72 OF 89 SHEETS STA. 493+00 TO STA. 493+45

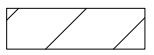
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|-------------|----------------|--------|--------------|--------------------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 755 |
| | | | | CONTRACT NO. 61E22 |

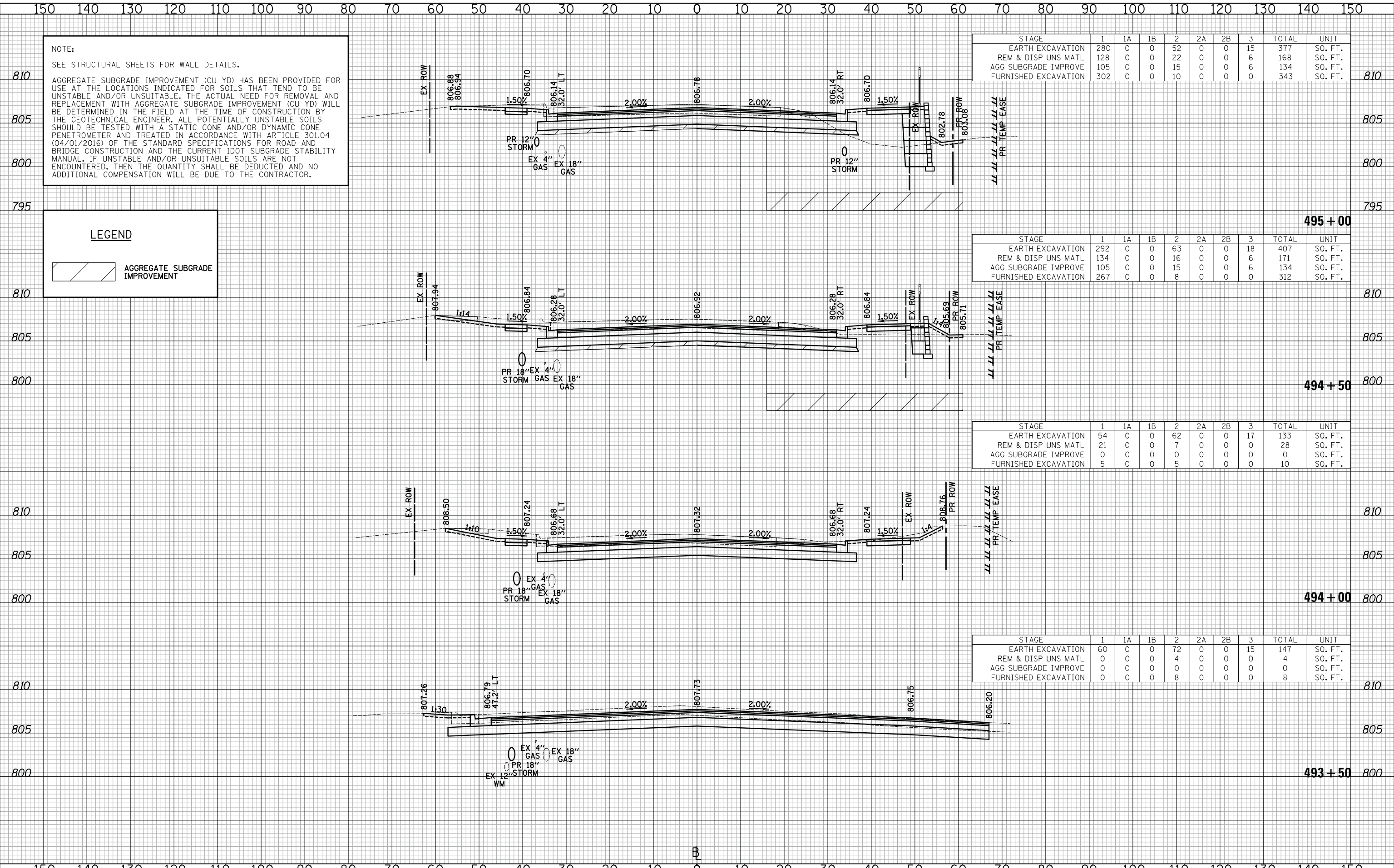
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

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NOTE:
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LEGEND
 AGGREGATE SUBGRADE IMPROVEMENT



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 280 | 0 | 0 | 52 | 0 | 0 | 15 | 377 | SQ. FT. |
| REM & DISP UNS MATL | 128 | 0 | 0 | 22 | 0 | 0 | 6 | 168 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 105 | 0 | 0 | 15 | 0 | 0 | 6 | 134 | SQ. FT. |
| FURNISHED EXCAVATION | 302 | 0 | 0 | 10 | 0 | 0 | 0 | 343 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 292 | 0 | 0 | 63 | 0 | 0 | 18 | 407 | SQ. FT. |
| REM & DISP UNS MATL | 134 | 0 | 0 | 16 | 0 | 0 | 6 | 171 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 105 | 0 | 0 | 15 | 0 | 0 | 6 | 134 | SQ. FT. |
| FURNISHED EXCAVATION | 267 | 0 | 0 | 8 | 0 | 0 | 0 | 312 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 54 | 0 | 0 | 62 | 0 | 0 | 17 | 133 | SQ. FT. |
| REM & DISP UNS MATL | 21 | 0 | 0 | 7 | 0 | 0 | 0 | 28 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 10 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 60 | 0 | 0 | 72 | 0 | 0 | 15 | 147 | SQ. FT. |
| REM & DISP UNS MATL | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 4 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 8 | SQ. FT. |

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REVISED - 11/28/2017
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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SCALES

CROSS SECTIONS - QUENTIN ROAD
 SHEET NO. 73 OF 89 SHEETS STA. 493+50 TO STA. 495+00

| | | | | |
|---|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 756 |
| CONTRACT NO. 61E22 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

NOTE:
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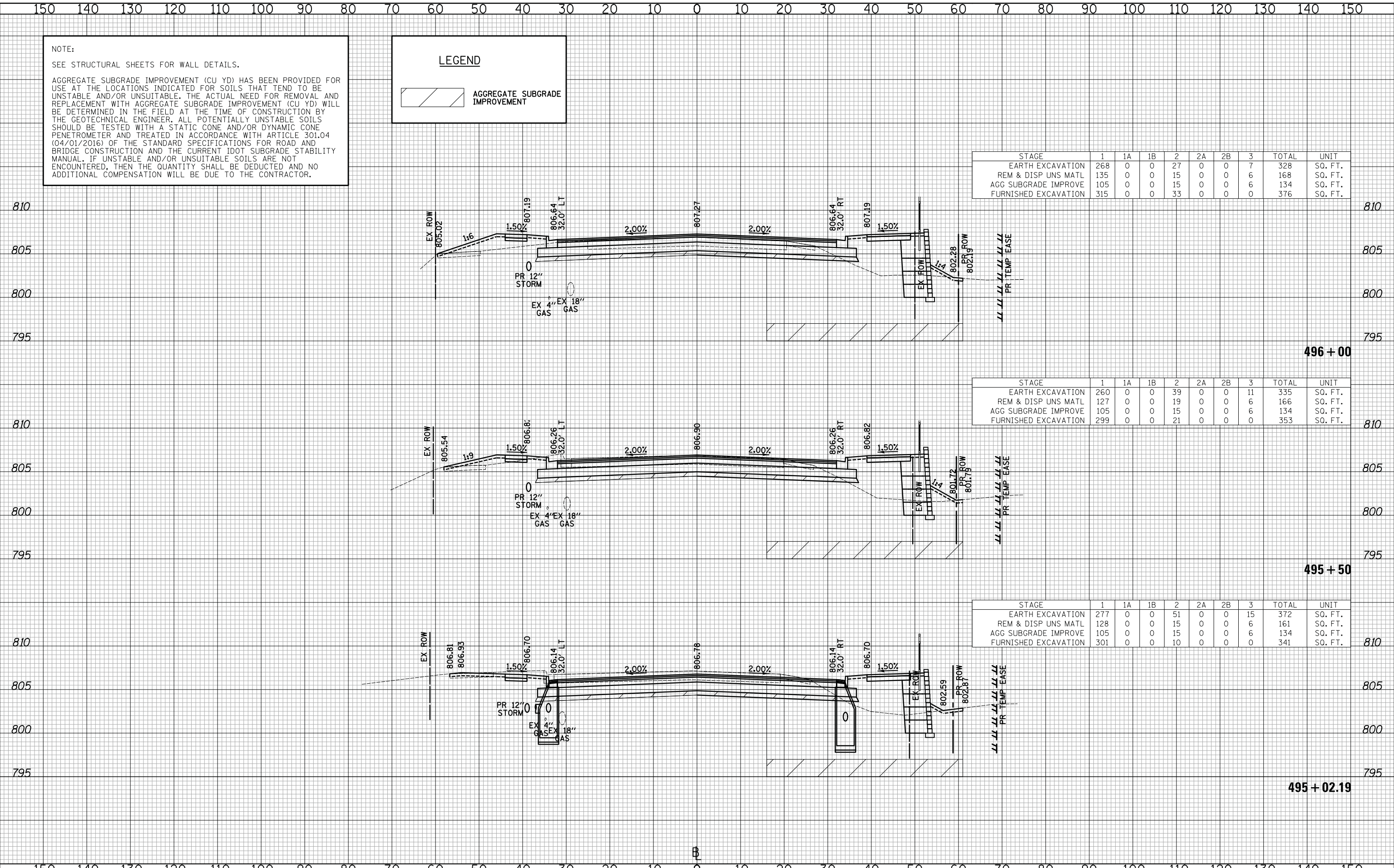
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LEGEND

AGGREGATE SUBGRADE IMPROVEMENT

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| DATE | |
| BY | |
| FINAL SURVEY | |
| SURVEYED | |
| PLOTTED | |
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| NOTE BOOK | |
| AREAS CHECKED | |
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| TEMPLATE | |
| NOTE BOOK | |
| AREAS CHECKED | |
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| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 268 | 0 | 0 | 27 | 0 | 0 | 7 | 328 | SQ. FT. |
| REM & DISP UNS MATL | 135 | 0 | 0 | 15 | 0 | 0 | 6 | 168 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 105 | 0 | 0 | 15 | 0 | 0 | 6 | 134 | SQ. FT. |
| FURNISHED EXCAVATION | 315 | 0 | 0 | 33 | 0 | 0 | 0 | 376 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 260 | 0 | 0 | 39 | 0 | 0 | 11 | 335 | SQ. FT. |
| REM & DISP UNS MATL | 127 | 0 | 0 | 19 | 0 | 0 | 6 | 166 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 105 | 0 | 0 | 15 | 0 | 0 | 6 | 134 | SQ. FT. |
| FURNISHED EXCAVATION | 299 | 0 | 0 | 21 | 0 | 0 | 0 | 353 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 277 | 0 | 0 | 51 | 0 | 0 | 15 | 372 | SQ. FT. |
| REM & DISP UNS MATL | 128 | 0 | 0 | 15 | 0 | 0 | 6 | 161 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 105 | 0 | 0 | 15 | 0 | 0 | 6 | 134 | SQ. FT. |
| FURNISHED EXCAVATION | 301 | 0 | 0 | 10 | 0 | 0 | 0 | 341 | SQ. FT. |

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| | |
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| DESIGNED - PK | REVISED - 11/28/2017 |
| DRAWN - JRR | REVISED - |
| CHECKED - RTM | REVISED - |
| DATE - 11/13/2017 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



CROSS SECTIONS - QUENTIN ROAD

SHEET NO. 74 OF 89 SHEETS STA. 495+02.19 TO STA. 496+00

| | | | | |
|--------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 757 |
| CONTRACT NO. 61E22 | | | | |

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

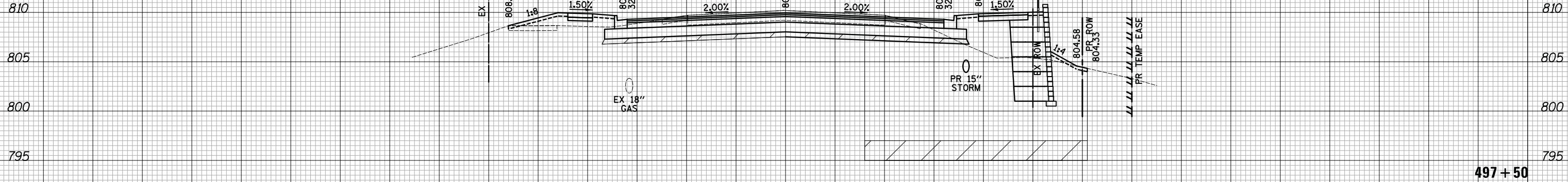
NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE AND/OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 (04/01/2016) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE CURRENT IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

LEGEND

 AGGREGATE SUBGRADE IMPROVEMENT

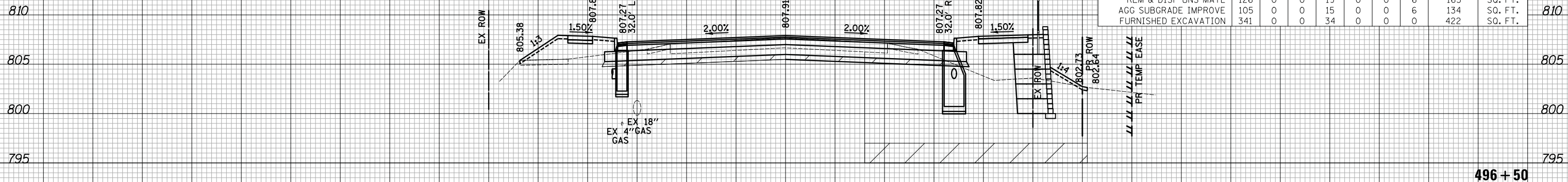
| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 388 | 0 | 0 | 43 | 0 | 0 | 12 | 500 | SQ. FT. |
| REM & DISP UNS MATL | 127 | 0 | 0 | 21 | 0 | 0 | 6 | 168 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 105 | 0 | 0 | 15 | 0 | 0 | 6 | 134 | SQ. FT. |
| FURNISHED EXCAVATION | 417 | 0 | 0 | 25 | 0 | 0 | 0 | 504 | SQ. FT. |



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 345 | 0 | 0 | 32 | 0 | 0 | 10 | 432 | SQ. FT. |
| REM & DISP UNS MATL | 128 | 0 | 0 | 21 | 0 | 0 | 6 | 168 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 105 | 0 | 0 | 15 | 0 | 0 | 6 | 134 | SQ. FT. |
| FURNISHED EXCAVATION | 386 | 0 | 0 | 32 | 0 | 0 | 0 | 465 | SQ. FT. |



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 295 | 0 | 0 | 26 | 0 | 0 | 8 | 372 | SQ. FT. |
| REM & DISP UNS MATL | 126 | 0 | 0 | 19 | 0 | 0 | 6 | 163 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 105 | 0 | 0 | 15 | 0 | 0 | 6 | 134 | SQ. FT. |
| FURNISHED EXCAVATION | 341 | 0 | 0 | 34 | 0 | 0 | 0 | 422 | SQ. FT. |



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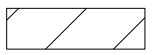
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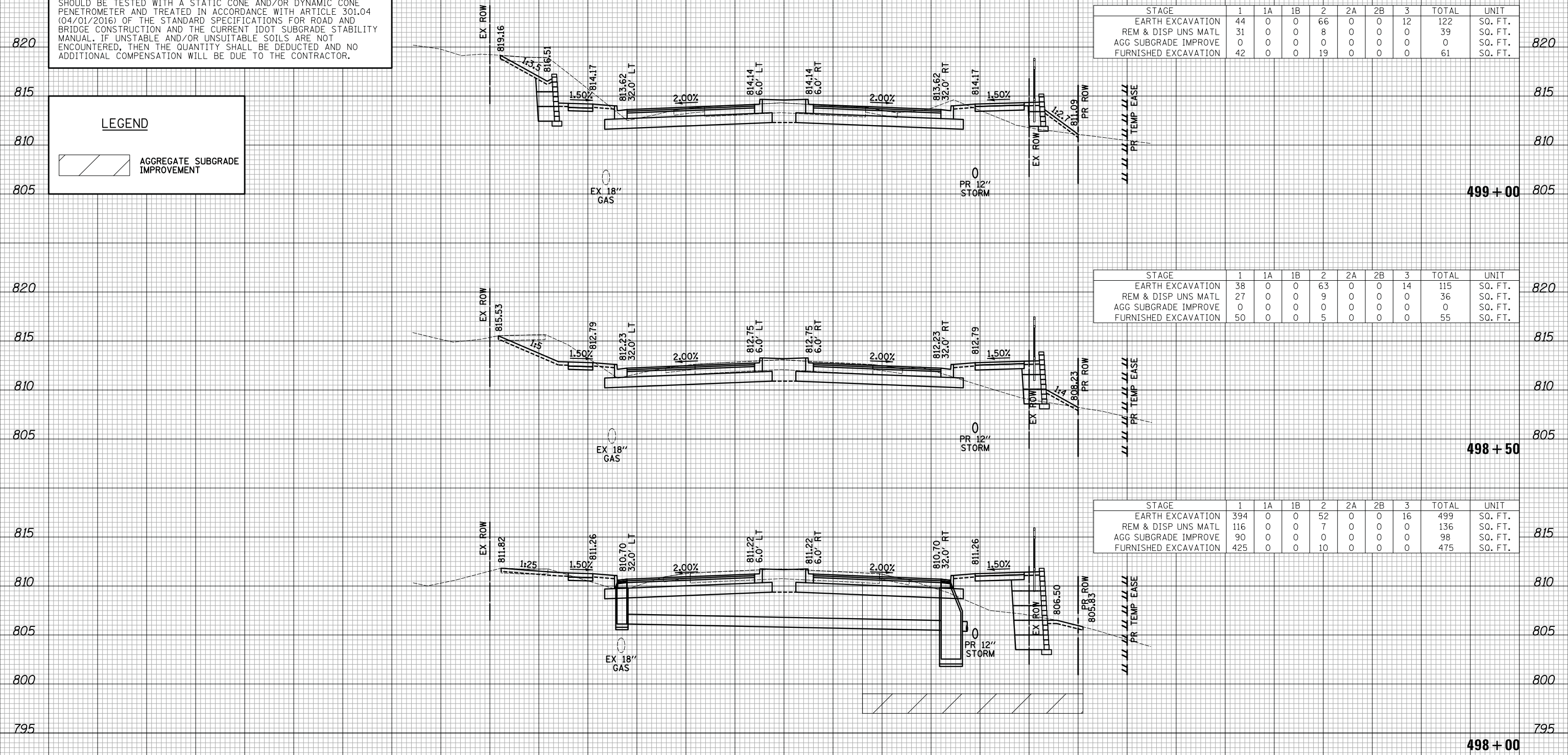
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| ORIGINAL SURVEY | |
| SURVEYED | |
| PLOTTED | |
| TEMPLATE | |
| AREAS CHECKED | |
| NO. | |

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE AND/OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 (04/01/2016) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE CURRENT IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

LEGEND

 AGGREGATE SUBGRADE IMPROVEMENT



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 44 | 0 | 0 | 66 | 0 | 0 | 12 | 122 | SQ. FT. |
| REM & DISP UNS MATL | 31 | 0 | 0 | 8 | 0 | 0 | 0 | 39 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 42 | 0 | 0 | 19 | 0 | 0 | 0 | 61 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 38 | 0 | 0 | 63 | 0 | 0 | 14 | 115 | SQ. FT. |
| REM & DISP UNS MATL | 27 | 0 | 0 | 9 | 0 | 0 | 0 | 36 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 50 | 0 | 0 | 5 | 0 | 0 | 0 | 55 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 394 | 0 | 0 | 52 | 0 | 0 | 16 | 499 | SQ. FT. |
| REM & DISP UNS MATL | 116 | 0 | 0 | 7 | 0 | 0 | 0 | 136 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 90 | 0 | 0 | 0 | 0 | 0 | 0 | 98 | SQ. FT. |
| FURNISHED EXCAVATION | 425 | 0 | 0 | 10 | 0 | 0 | 0 | 475 | SQ. FT. |

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REVISED - 11/28/2017
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



CROSS SECTIONS - QUENTIN ROAD

SHEET NO. 76 OF 89 SHEETS STA. 498+00 TO STA. 499+00

| | | | | |
|--------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 759 |
| CONTRACT NO. 61E22 | | | | |

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

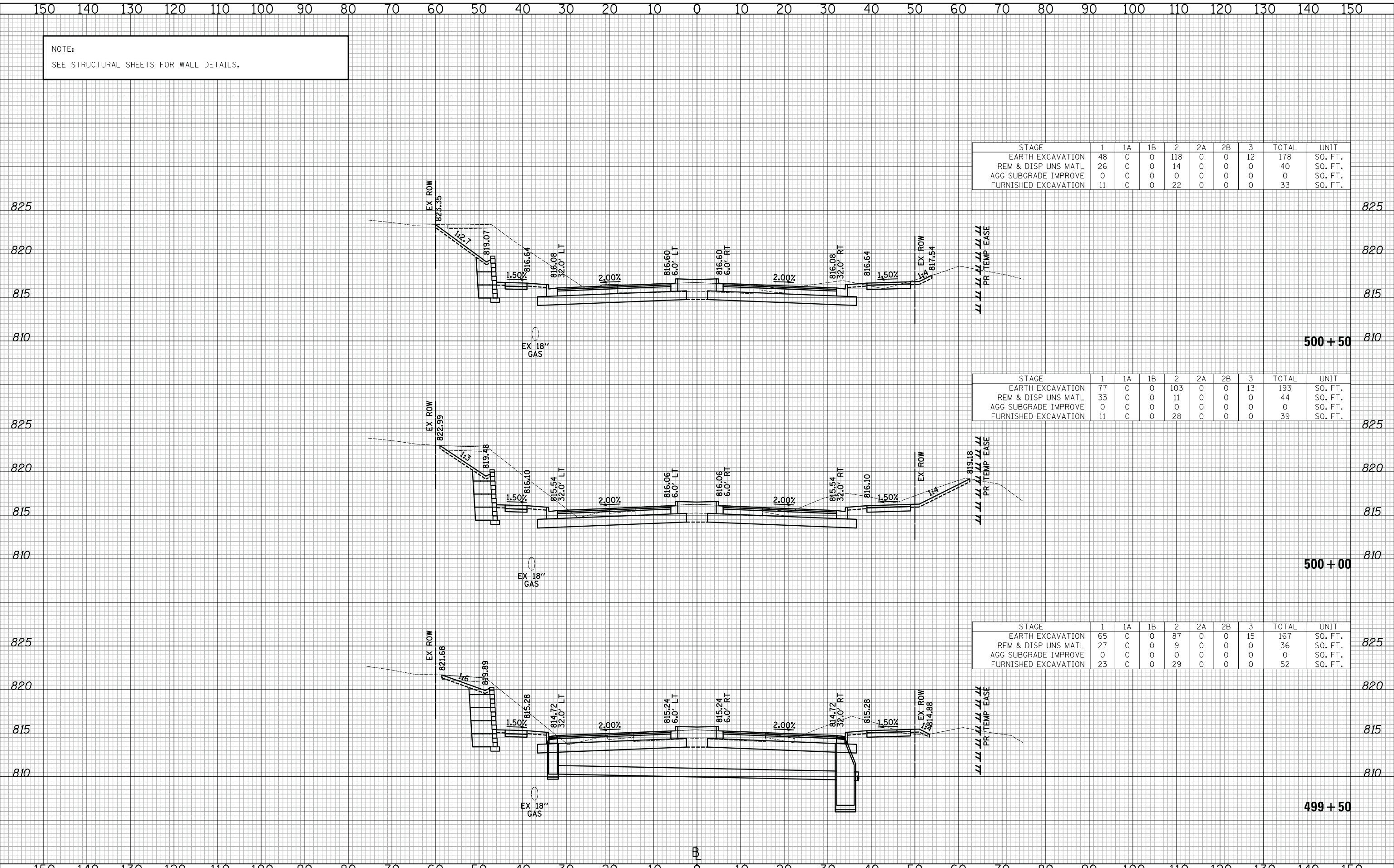
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| PLOTTED | |
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| AREAS | |
| CHECKED | |
| NO. | |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|-----|----|----|----|-------|---------|
| EARTH EXCAVATION | 48 | 0 | 0 | 118 | 0 | 0 | 12 | 178 | SQ. FT. |
| REM & DISP UNS MATL | 26 | 0 | 0 | 14 | 0 | 0 | 0 | 40 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 11 | 0 | 0 | 22 | 0 | 0 | 0 | 33 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|-----|----|----|----|-------|---------|
| EARTH EXCAVATION | 77 | 0 | 0 | 103 | 0 | 0 | 13 | 193 | SQ. FT. |
| REM & DISP UNS MATL | 33 | 0 | 0 | 11 | 0 | 0 | 0 | 44 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 11 | 0 | 0 | 28 | 0 | 0 | 0 | 39 | SQ. FT. |

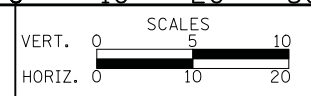
| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 65 | 0 | 0 | 87 | 0 | 0 | 15 | 167 | SQ. FT. |
| REM & DISP UNS MATL | 27 | 0 | 0 | 9 | 0 | 0 | 0 | 36 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 23 | 0 | 0 | 29 | 0 | 0 | 0 | 52 | SQ. FT. |



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| DATE - 11/13/2017 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



CROSS SECTIONS - QUENTIN ROAD

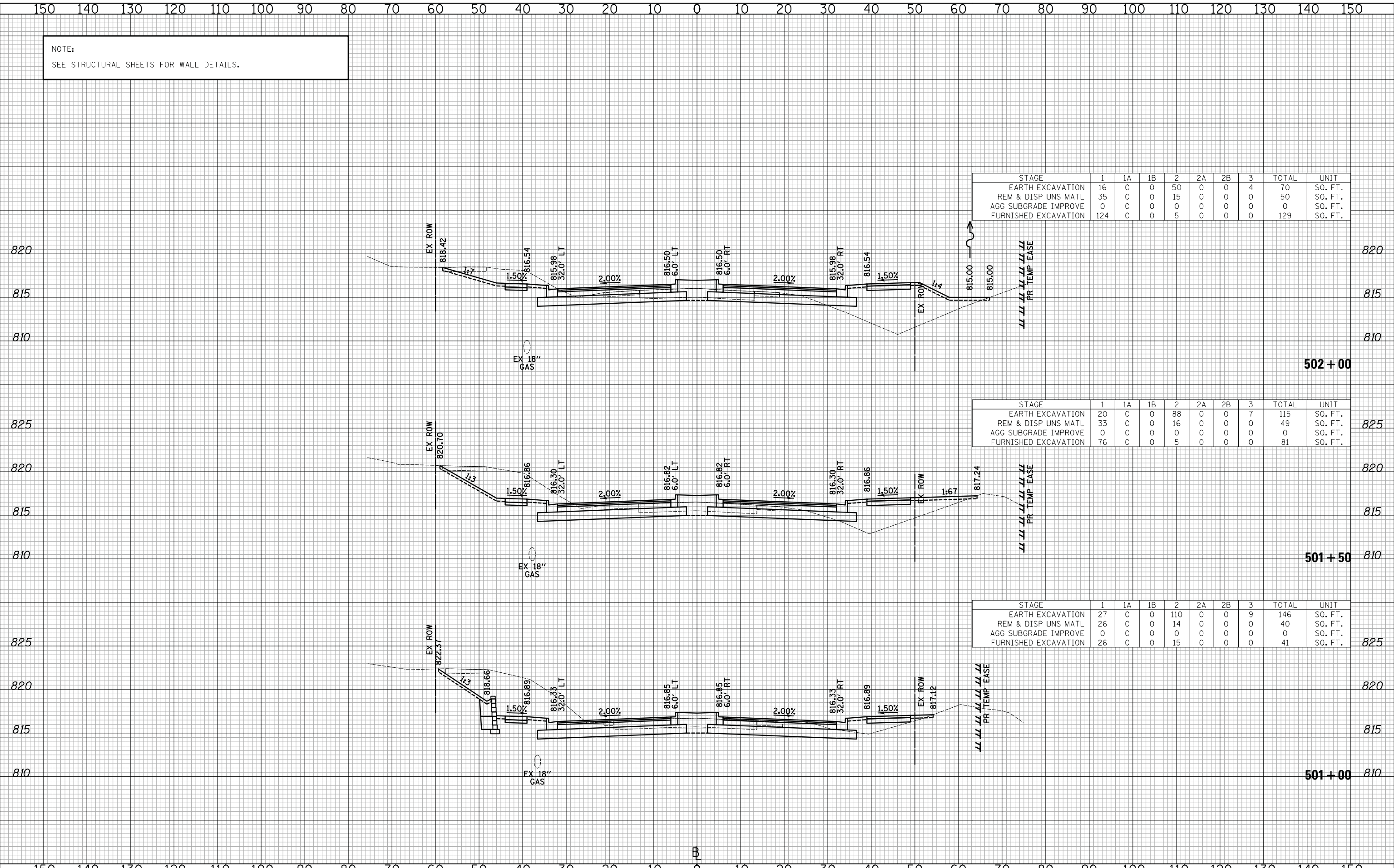
SHEET NO. 77 OF 89 SHEETS STA. 499+50 TO STA. 500+50

| | | | | |
|---|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 760 |
| CONTRACT NO. 61E22 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

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| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 16 | 0 | 0 | 50 | 0 | 0 | 4 | 70 | SQ. FT. |
| REM & DISP UNS MATL | 35 | 0 | 0 | 15 | 0 | 0 | 0 | 50 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 124 | 0 | 0 | 5 | 0 | 0 | 0 | 129 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 20 | 0 | 0 | 88 | 0 | 0 | 7 | 115 | SQ. FT. |
| REM & DISP UNS MATL | 33 | 0 | 0 | 16 | 0 | 0 | 0 | 49 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 76 | 0 | 0 | 5 | 0 | 0 | 0 | 81 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|-----|----|----|---|-------|---------|
| EARTH EXCAVATION | 27 | 0 | 0 | 110 | 0 | 0 | 9 | 146 | SQ. FT. |
| REM & DISP UNS MATL | 26 | 0 | 0 | 14 | 0 | 0 | 0 | 40 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 26 | 0 | 0 | 15 | 0 | 0 | 0 | 41 | SQ. FT. |

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



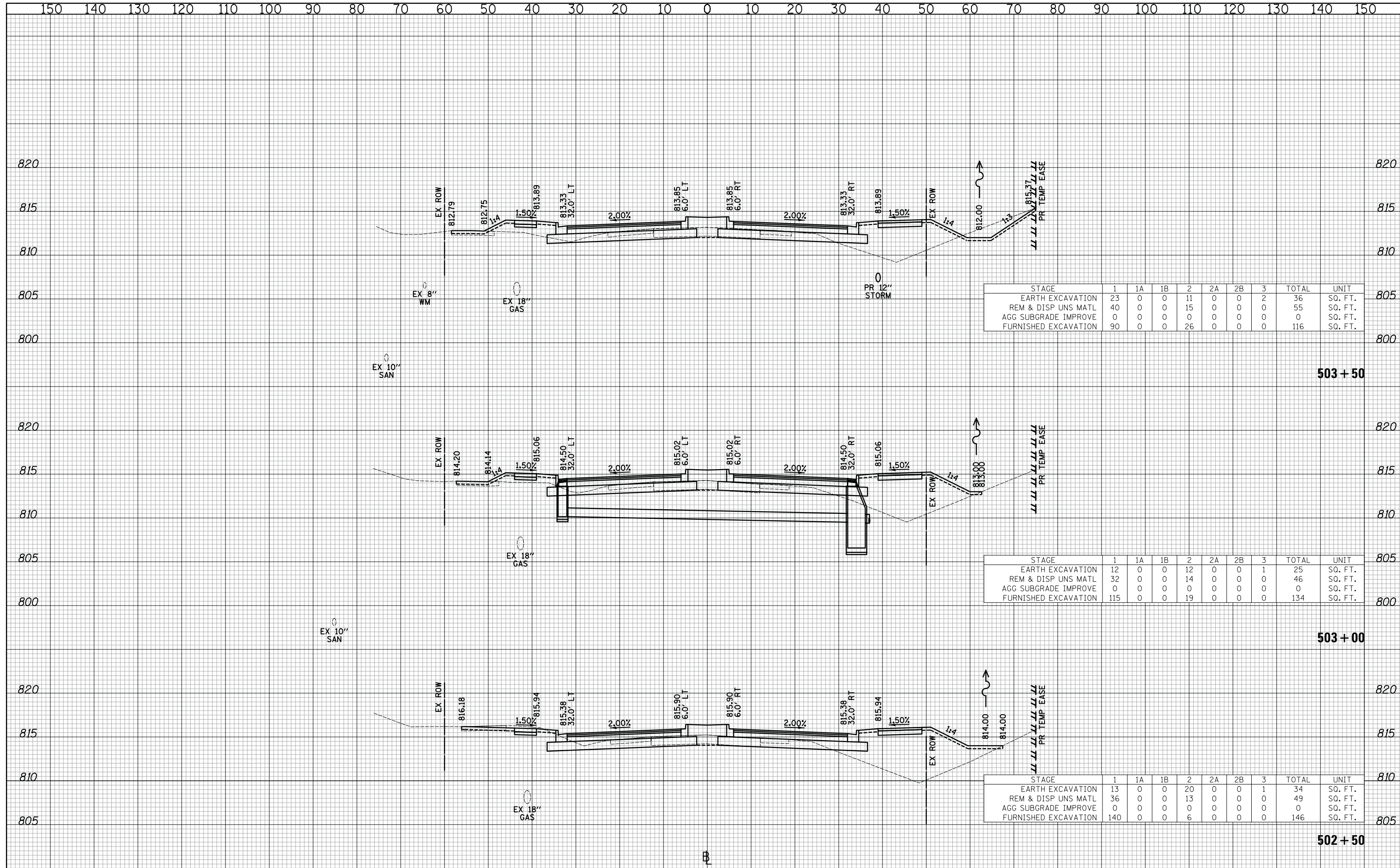
CROSS SECTIONS - QUENTIN ROAD

SHEET NO. 78 OF 89 SHEETS STA. 501+00 TO STA. 502+00

| | | | | |
|---|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 761 |
| CONTRACT NO. 61E22 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

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| AREAS CHECKED | |
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| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 23 | 0 | 0 | 11 | 0 | 0 | 2 | 36 | SQ. FT. |
| REM & DISP UNS MATL | 40 | 0 | 0 | 15 | 0 | 0 | 0 | 55 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 90 | 0 | 0 | 26 | 0 | 0 | 0 | 116 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 12 | 0 | 0 | 12 | 0 | 0 | 1 | 25 | SQ. FT. |
| REM & DISP UNS MATL | 32 | 0 | 0 | 14 | 0 | 0 | 0 | 46 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 115 | 0 | 0 | 19 | 0 | 0 | 0 | 134 | SQ. FT. |

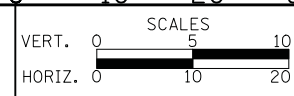
| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 13 | 0 | 0 | 20 | 0 | 0 | 1 | 34 | SQ. FT. |
| REM & DISP UNS MATL | 36 | 0 | 0 | 13 | 0 | 0 | 0 | 49 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 140 | 0 | 0 | 6 | 0 | 0 | 0 | 146 | SQ. FT. |

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**



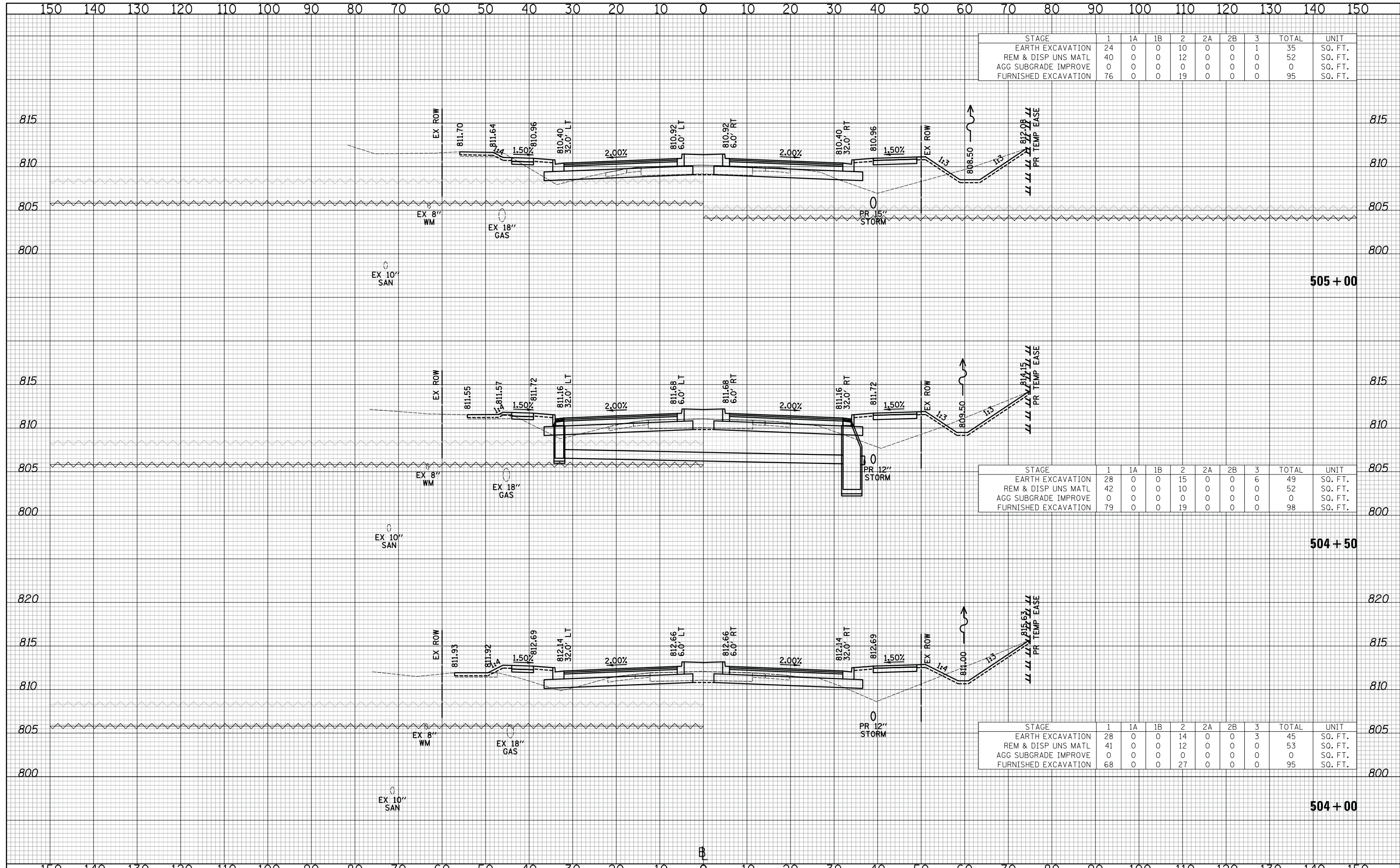
CROSS SECTIONS - QUENTIN ROAD

SHEET NO. 79 OF 89 SHEETS STA. 502+50 TO STA. 503+50

| | | | | |
|--------------------------------|----------------|--------|--------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 762 |
| FED. ROAD DIST. NO. 1 ILLINOIS | | | CONTRACT NO. 61E22 | |

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| SURVEYED | |
| PLOTTED | |
| TEMPLATE | |
| AREAS | |
| CHECKED | |



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 24 | 0 | 0 | 10 | 0 | 0 | 1 | 35 | SQ. FT. |
| REM & DISP UNS MATL | 40 | 0 | 0 | 12 | 0 | 0 | 0 | 52 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 76 | 0 | 0 | 19 | 0 | 0 | 0 | 95 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 28 | 0 | 0 | 15 | 0 | 0 | 6 | 49 | SQ. FT. |
| REM & DISP UNS MATL | 42 | 0 | 0 | 10 | 0 | 0 | 0 | 52 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 79 | 0 | 0 | 19 | 0 | 0 | 0 | 98 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 28 | 0 | 0 | 14 | 0 | 0 | 3 | 45 | SQ. FT. |
| REM & DISP UNS MATL | 41 | 0 | 0 | 12 | 0 | 0 | 0 | 53 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 68 | 0 | 0 | 27 | 0 | 0 | 0 | 95 | SQ. FT. |

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**



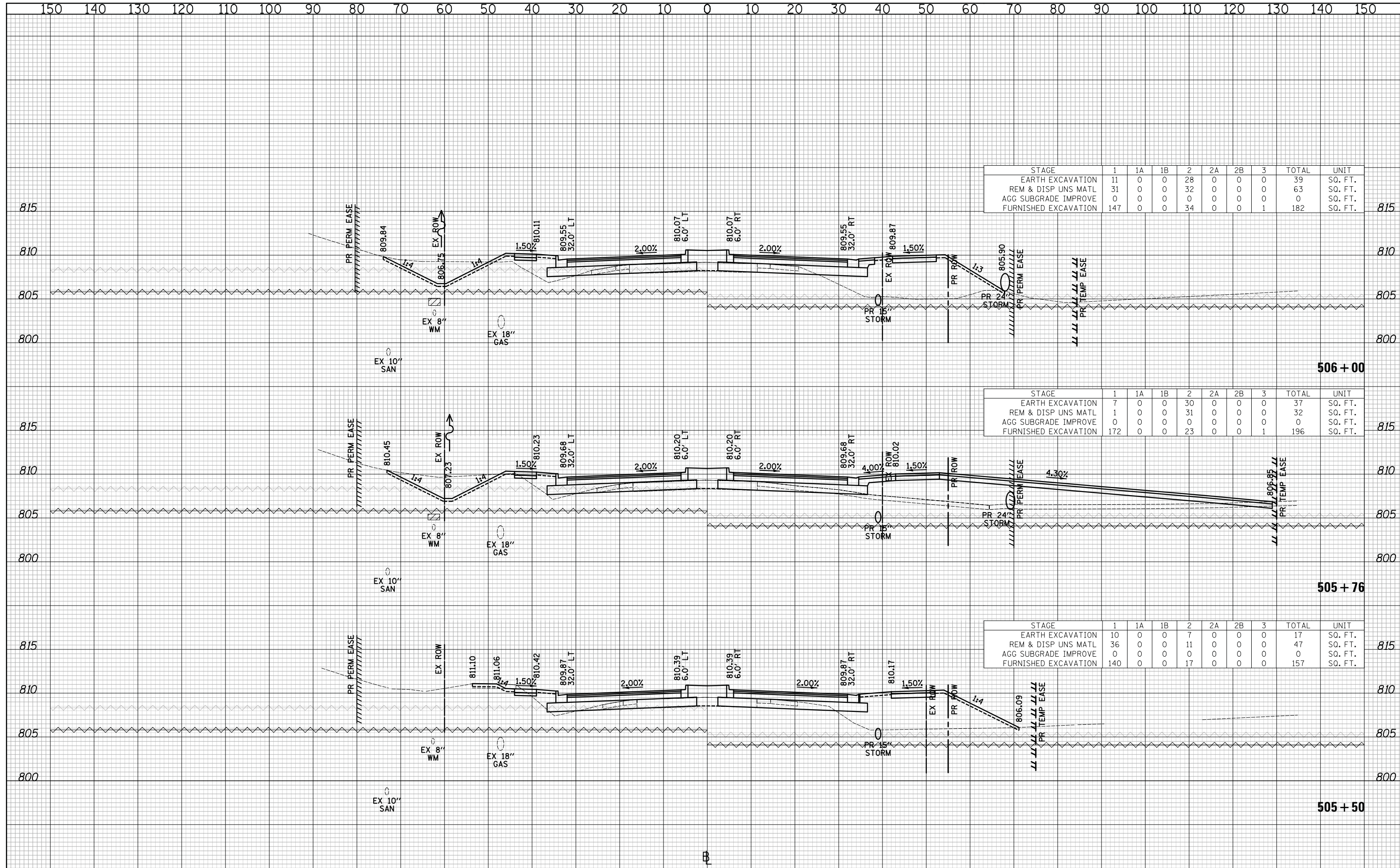
CROSS SECTIONS - QUENTIN ROAD

SHEET NO. 80 OF 89 SHEETS STA. 504+00 TO STA. 505+00

| | | | | |
|---|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 763 |
| CONTRACT NO. 61E22 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

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| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 11 | 0 | 0 | 28 | 0 | 0 | 0 | 39 | SQ. FT. |
| REM & DISP UNS MATL | 31 | 0 | 0 | 32 | 0 | 0 | 0 | 63 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 147 | 0 | 0 | 34 | 0 | 0 | 1 | 182 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 7 | 0 | 0 | 30 | 0 | 0 | 0 | 37 | SQ. FT. |
| REM & DISP UNS MATL | 1 | 0 | 0 | 31 | 0 | 0 | 0 | 32 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 172 | 0 | 0 | 23 | 0 | 0 | 1 | 196 | SQ. FT. |

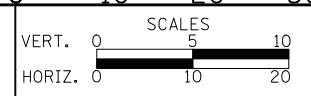
| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 10 | 0 | 0 | 7 | 0 | 0 | 0 | 17 | SQ. FT. |
| REM & DISP UNS MATL | 36 | 0 | 0 | 11 | 0 | 0 | 0 | 47 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 140 | 0 | 0 | 17 | 0 | 0 | 0 | 157 | SQ. FT. |

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CROSS SECTIONS - QUENTIN ROAD

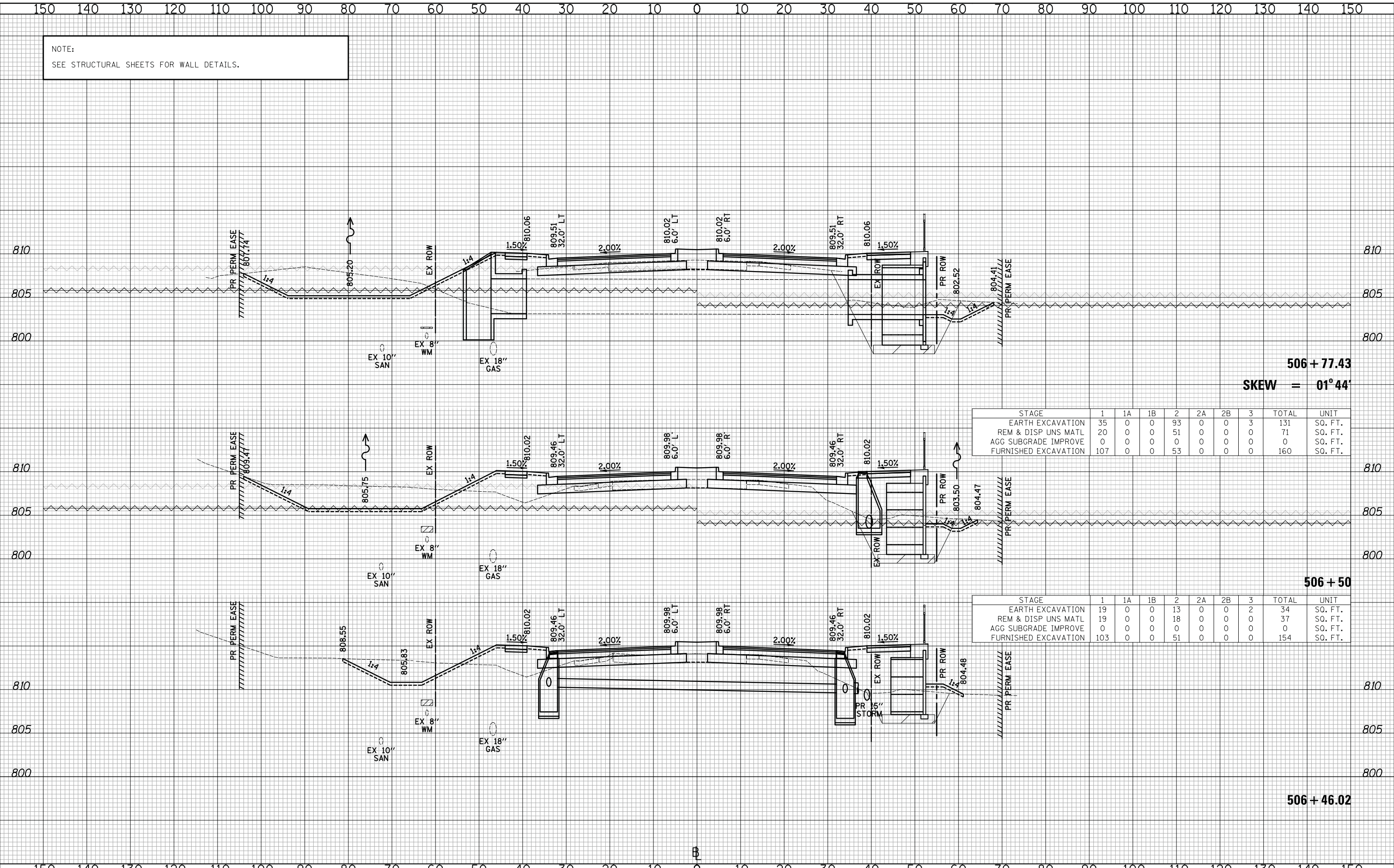
SHEET NO. 81 OF 89 SHEETS | STA. 505+50 TO STA. 506+00

| | | | | |
|---|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 764 |
| CONTRACT NO. 61E22 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

| | |
|---------------|---------------|
| DATE | |
| BY | |
| FINAL SURVEY | SURVEYED |
| NOTE BOOK NO. | PLOTTED |
| | TEMPLATE |
| | AREAS CHECKED |

| | |
|-----------------|---------------|
| DATE | |
| BY | |
| ORIGINAL SURVEY | SURVEYED |
| NOTE BOOK NO. | PLOTTED |
| | TEMPLATE |
| | AREAS CHECKED |



506 + 77.43
SKEW = 01° 44'

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 35 | 0 | 0 | 93 | 0 | 0 | 3 | 131 | SQ. FT. |
| REM & DISP UNS MATL | 20 | 0 | 0 | 51 | 0 | 0 | 0 | 71 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 107 | 0 | 0 | 53 | 0 | 0 | 0 | 160 | SQ. FT. |

506 + 50

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 19 | 0 | 0 | 13 | 0 | 0 | 2 | 34 | SQ. FT. |
| REM & DISP UNS MATL | 19 | 0 | 0 | 18 | 0 | 0 | 0 | 37 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 103 | 0 | 0 | 51 | 0 | 0 | 0 | 154 | SQ. FT. |

506 + 46.02

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CROSS SECTIONS - QUENTIN ROAD

SHEET NO. 82 OF 89 SHEETS STA. 506+50 TO STA. 506+77.43

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|--------|--------------------|-----------|
| 2574 | 08-00090-12-CH | LAKE | 778 | 765 |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 61E22 | |

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| DATE | |
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| FINAL SURVEY | |
| PLOTTED | |
| TEMPLATE | |
| NOTE BOOK | |
| AREAS CHECKED | |
| NO. | |

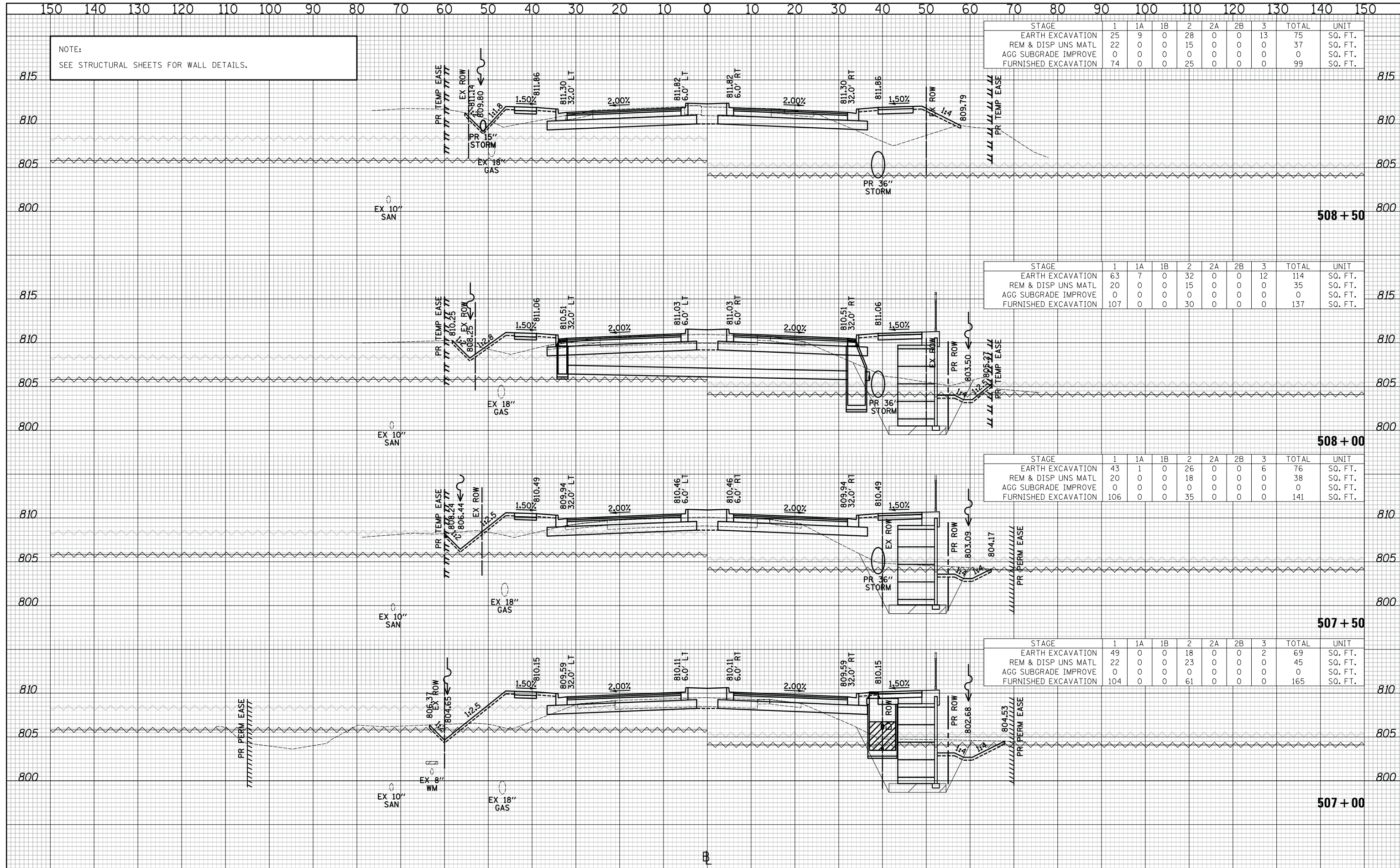
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|-----------------|--|
| DATE | |
| BY | |
| ORIGINAL SURVEY | |
| PLOTTED | |
| TEMPLATE | |
| NOTE BOOK | |
| AREAS CHECKED | |
| NO. | |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 25 | 9 | 0 | 28 | 0 | 0 | 13 | 75 | SQ. FT. |
| REM & DISP UNS MATL | 22 | 0 | 0 | 15 | 0 | 0 | 0 | 37 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 74 | 0 | 0 | 25 | 0 | 0 | 0 | 99 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 63 | 7 | 0 | 32 | 0 | 0 | 12 | 114 | SQ. FT. |
| REM & DISP UNS MATL | 20 | 0 | 0 | 15 | 0 | 0 | 0 | 35 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 107 | 0 | 0 | 30 | 0 | 0 | 0 | 137 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 43 | 1 | 0 | 26 | 0 | 0 | 6 | 76 | SQ. FT. |
| REM & DISP UNS MATL | 20 | 0 | 0 | 18 | 0 | 0 | 0 | 38 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 106 | 0 | 0 | 35 | 0 | 0 | 0 | 141 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|-----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 49 | 0 | 0 | 18 | 0 | 0 | 2 | 69 | SQ. FT. |
| REM & DISP UNS MATL | 22 | 0 | 0 | 23 | 0 | 0 | 0 | 45 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 104 | 0 | 0 | 61 | 0 | 0 | 0 | 165 | SQ. FT. |



NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

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CROSS SECTIONS - QUENTIN ROAD

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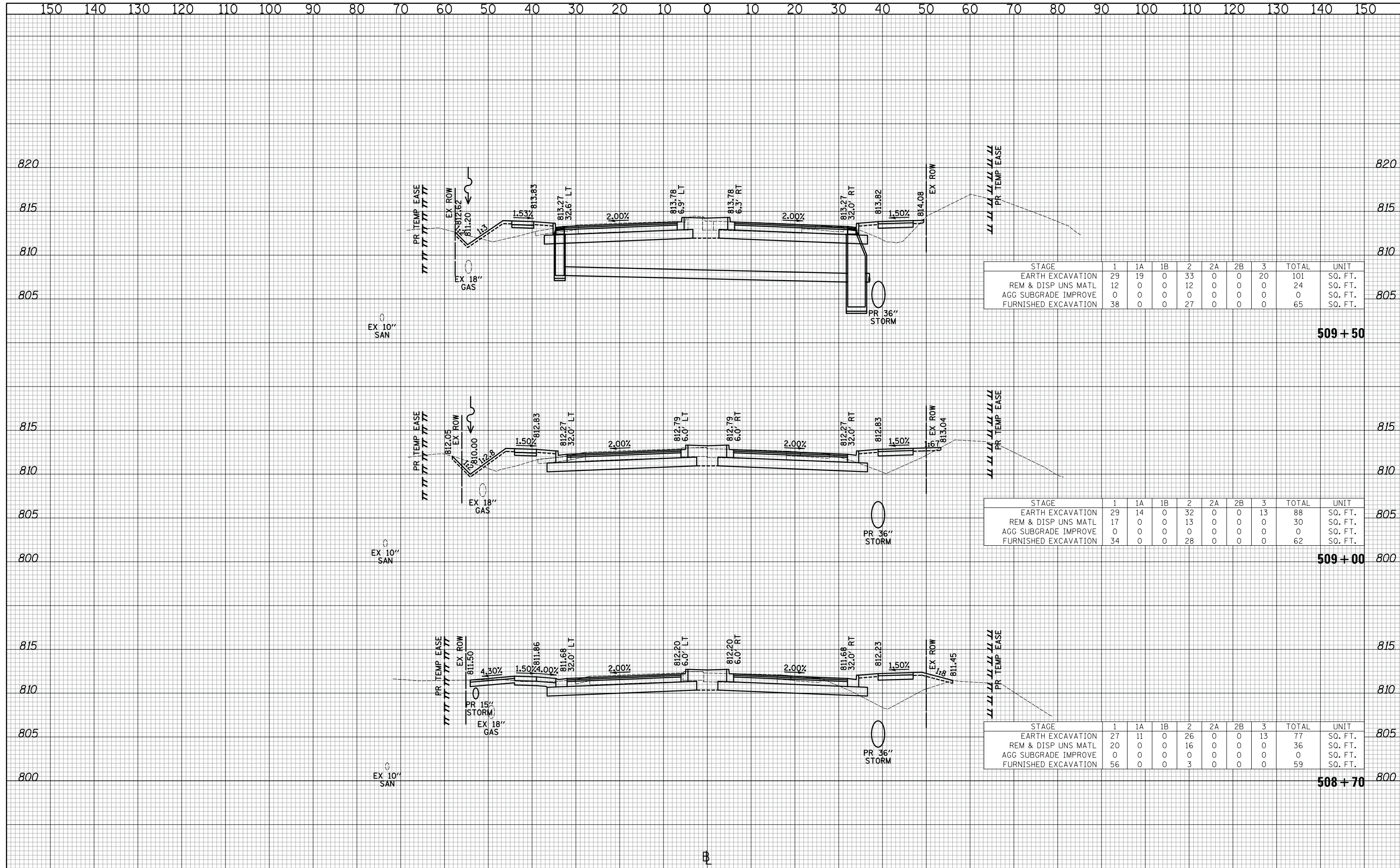
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SHEET NO. 83 OF 89 SHEETS STA. 507+00 TO STA. 508+50

| | | | | |
|---|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 766 |
| CONTRACT NO. 61E22 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

DATE _____
 BY _____
 SURVEYED _____
 PLOTTED _____
 TEMPLATE _____
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 AREAS CHECKED _____
 NO. _____

DATE _____
 BY _____
 SURVEYED _____
 PLOTTED _____
 TEMPLATE _____
 NOTE BOOK _____
 AREAS CHECKED _____
 NO. _____



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 29 | 19 | 0 | 33 | 0 | 0 | 20 | 101 | SQ. FT. |
| REM & DISP UNS MATL | 12 | 0 | 0 | 12 | 0 | 0 | 0 | 24 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 38 | 0 | 0 | 27 | 0 | 0 | 0 | 65 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 29 | 14 | 0 | 32 | 0 | 0 | 13 | 88 | SQ. FT. |
| REM & DISP UNS MATL | 17 | 0 | 0 | 13 | 0 | 0 | 0 | 30 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 34 | 0 | 0 | 28 | 0 | 0 | 0 | 62 | SQ. FT. |

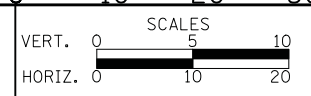
| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 27 | 11 | 0 | 26 | 0 | 0 | 13 | 77 | SQ. FT. |
| REM & DISP UNS MATL | 20 | 0 | 0 | 16 | 0 | 0 | 0 | 36 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 56 | 0 | 0 | 3 | 0 | 0 | 0 | 59 | SQ. FT. |

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CROSS SECTIONS - QUENTIN ROAD

SHEET NO. 84 OF 89 SHEETS STA. 508+70 TO STA. 509+50

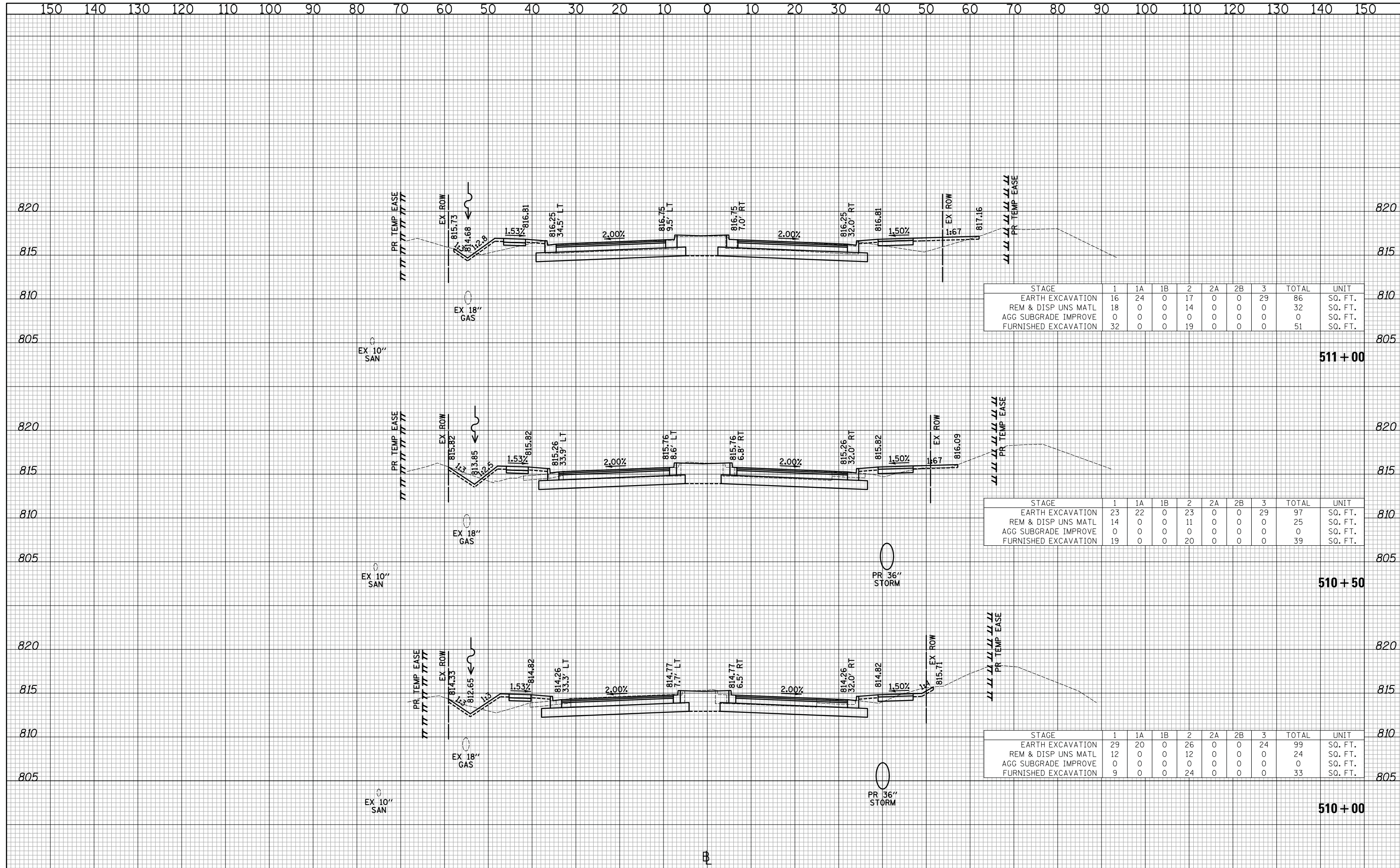
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|----------------|--------|--------------|-----------|
| 2574 | 08-00090-12-CH | LAKE | 778 | 767 |

CONTRACT NO. 61E22

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

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| DATE | |
| BY | |
| FINAL SURVEY | |
| PLOTTED | |
| TEMPLATE | |
| NOTE BOOK | |
| AREAS CHECKED | |
| NO. | |

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| DATE | |
| BY | |
| ORIGINAL SURVEY | |
| PLOTTED | |
| TEMPLATE | |
| NOTE BOOK | |
| AREAS CHECKED | |
| NO. | |



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 16 | 24 | 0 | 17 | 0 | 0 | 29 | 86 | SQ. FT. |
| REM & DISP UNS MATL | 18 | 0 | 0 | 14 | 0 | 0 | 0 | 32 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 32 | 0 | 0 | 19 | 0 | 0 | 0 | 51 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 23 | 22 | 0 | 23 | 0 | 0 | 29 | 97 | SQ. FT. |
| REM & DISP UNS MATL | 14 | 0 | 0 | 11 | 0 | 0 | 0 | 25 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 19 | 0 | 0 | 20 | 0 | 0 | 0 | 39 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|----|-------|---------|
| EARTH EXCAVATION | 29 | 20 | 0 | 26 | 0 | 0 | 24 | 99 | SQ. FT. |
| REM & DISP UNS MATL | 12 | 0 | 0 | 12 | 0 | 0 | 0 | 24 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 9 | 0 | 0 | 24 | 0 | 0 | 0 | 33 | SQ. FT. |

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SCALES

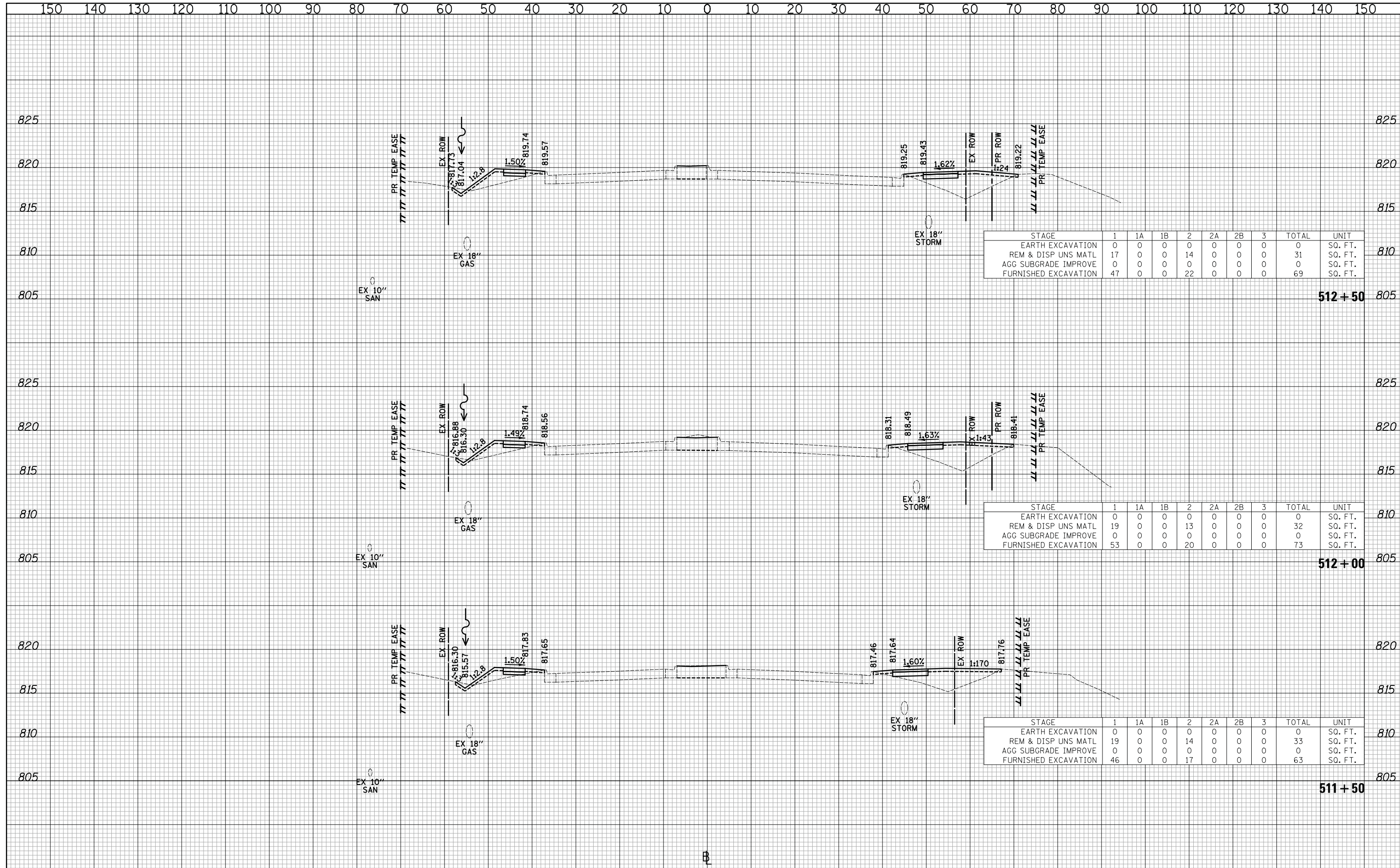
CROSS SECTIONS - QUENTIN ROAD

SHEET NO. 85 OF 89 SHEETS STA. 510+00 TO STA. 511+00

| | | | | |
|---|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 768 |
| CONTRACT NO. 61E22 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

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| DATE | |
| BY | |
| SURVEYED | |
| PLOTTED | |
| TEMPLATE | |
| AREAS | |
| CHECKED | |
| NO. | |

| | |
|----------|--|
| DATE | |
| BY | |
| SURVEYED | |
| PLOTTED | |
| TEMPLATE | |
| AREAS | |
| CHECKED | |
| NO. | |



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| REM & DISP UNS MATL | 17 | 0 | 0 | 14 | 0 | 0 | 0 | 31 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 47 | 0 | 0 | 22 | 0 | 0 | 0 | 69 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| REM & DISP UNS MATL | 19 | 0 | 0 | 13 | 0 | 0 | 0 | 32 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 53 | 0 | 0 | 20 | 0 | 0 | 0 | 73 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| REM & DISP UNS MATL | 19 | 0 | 0 | 14 | 0 | 0 | 0 | 33 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 46 | 0 | 0 | 17 | 0 | 0 | 0 | 63 | SQ. FT. |

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DEPARTMENT OF TRANSPORTATION

VERT. 0 5 10
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SCALES

CROSS SECTIONS - QUENTIN ROAD

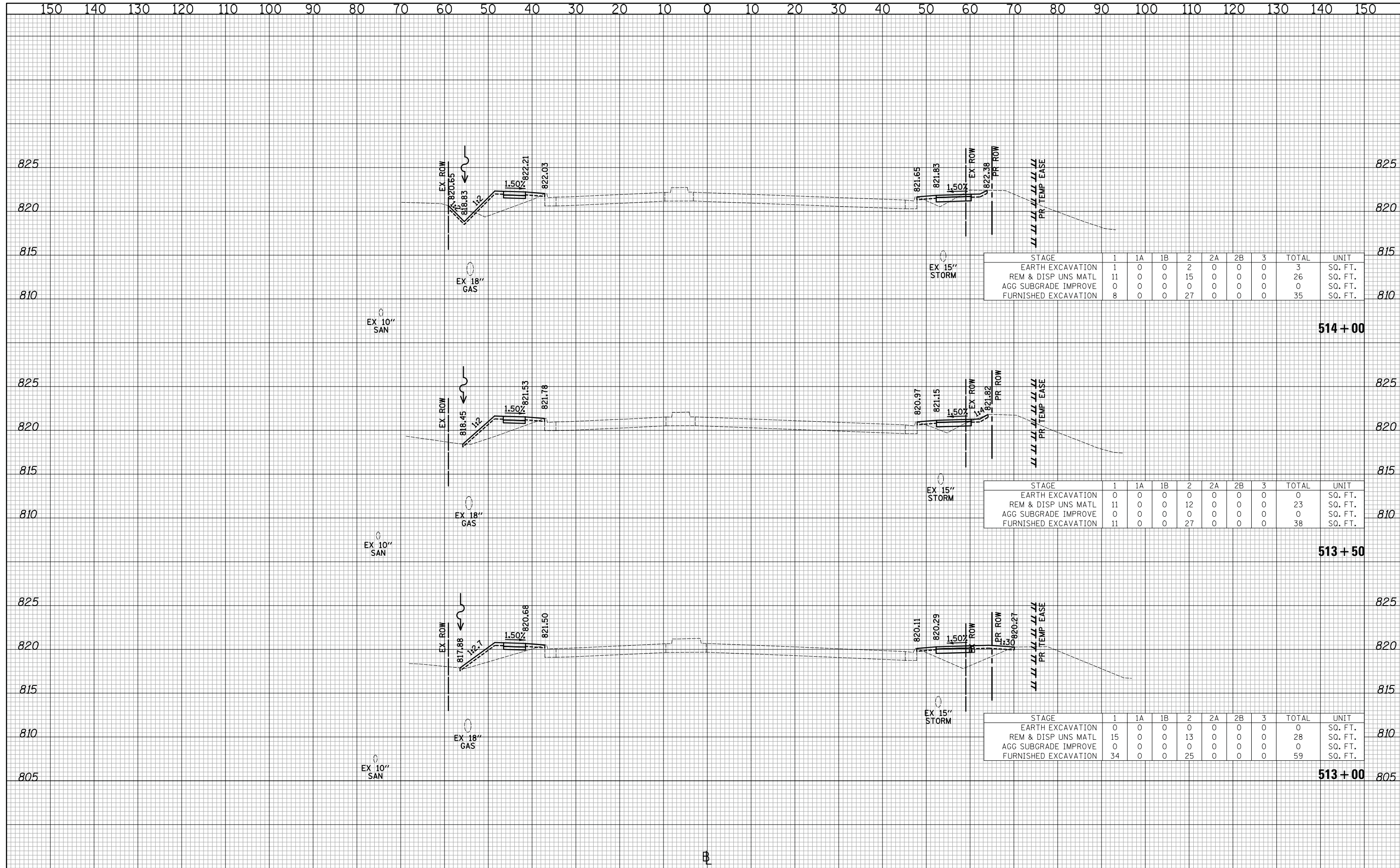
SHEET NO. 86 OF 89 SHEETS STA. 511+50 TO STA. 512+50

| | | | | |
|--------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 769 |
| CONTRACT NO. 61E22 | | | | |

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

| | |
|----------------------------|--|
| DATE | |
| BY | |
| SURVEYED | |
| PLOTTED | |
| TEMPLATE | |
| AREAS CHECKED | |
| FINAL SURVEY NOTE BOOK NO. | |

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| DATE | |
| BY | |
| SURVEYED | |
| PLOTTED | |
| TEMPLATE | |
| AREAS CHECKED | |
| ORIGINAL SURVEY NOTE BOOK NO. | |



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 3 | SQ. FT. |
| REM & DISP UNS MATL | 11 | 0 | 0 | 15 | 0 | 0 | 0 | 26 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 8 | 0 | 0 | 27 | 0 | 0 | 0 | 35 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| REM & DISP UNS MATL | 11 | 0 | 0 | 12 | 0 | 0 | 0 | 23 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 11 | 0 | 0 | 27 | 0 | 0 | 0 | 38 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| REM & DISP UNS MATL | 15 | 0 | 0 | 13 | 0 | 0 | 0 | 28 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 34 | 0 | 0 | 25 | 0 | 0 | 0 | 59 | SQ. FT. |

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SCALES

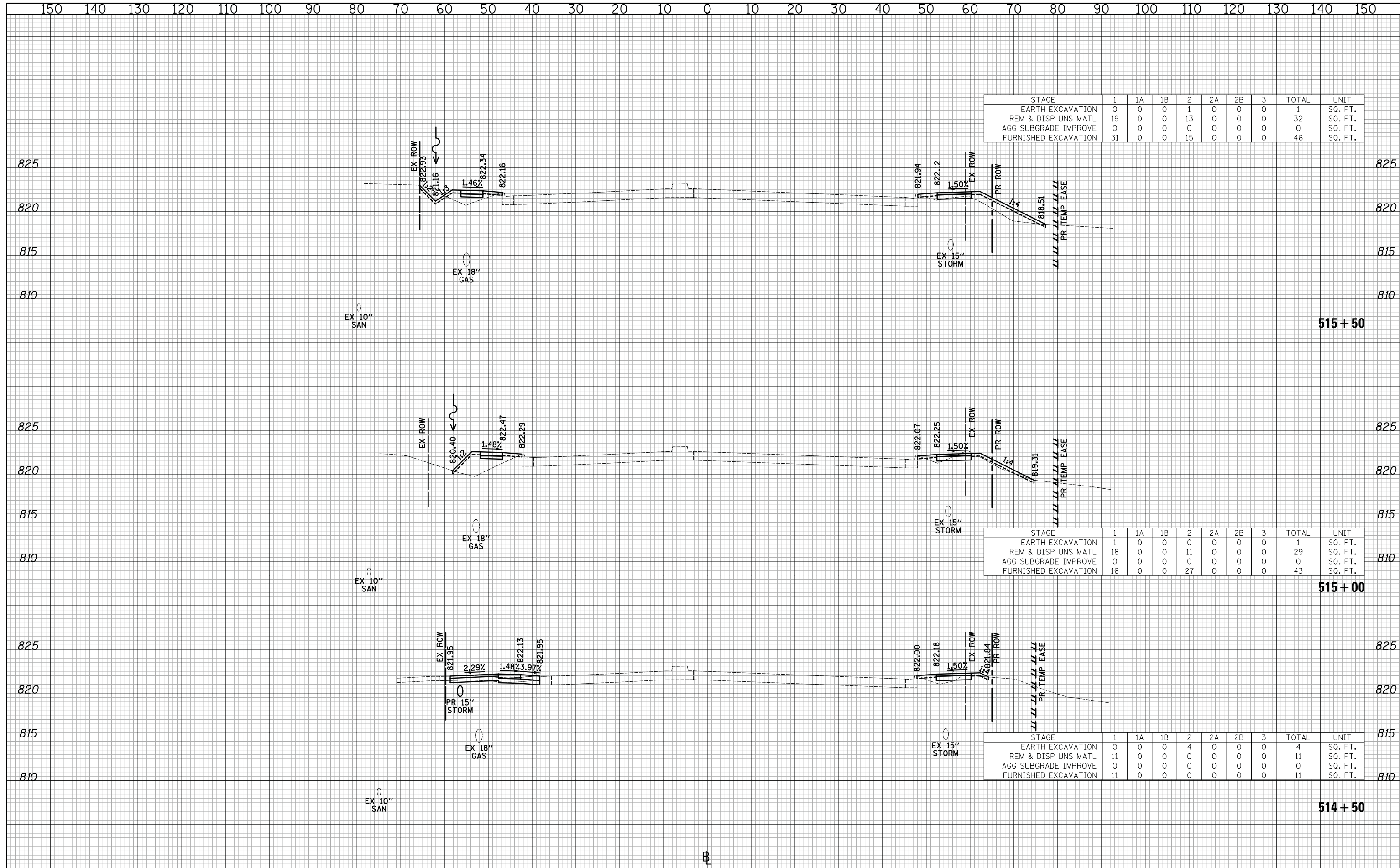
CROSS SECTIONS - QUENTIN ROAD

SHEET NO. 87 OF 89 SHEETS STA. 513+00 TO STA. 514+00

| | | | | |
|---|----------------|--------|--------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 770 |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 61E22 | |

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|---------------|--|
| DATE | |
| BY | |
| FINAL SURVEY | |
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| TEMPLATE | |
| NOTE BOOK | |
| AREAS CHECKED | |
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| DATE | |
| BY | |
| ORIGINAL SURVEY | |
| SURVEYED | |
| PLOTTED | |
| TEMPLATE | |
| NOTE BOOK | |
| AREAS CHECKED | |
| NO. | |



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | SQ. FT. |
| REM & DISP UNS MATL | 19 | 0 | 0 | 13 | 0 | 0 | 0 | 32 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 31 | 0 | 0 | 15 | 0 | 0 | 0 | 46 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | SQ. FT. |
| REM & DISP UNS MATL | 18 | 0 | 0 | 11 | 0 | 0 | 0 | 29 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 16 | 0 | 0 | 27 | 0 | 0 | 0 | 43 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|---|----|----|---|-------|---------|
| EARTH EXCAVATION | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 4 | SQ. FT. |
| REM & DISP UNS MATL | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | SQ. FT. |

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**



CROSS SECTIONS - QUENTIN ROAD

SHEET NO. 88 OF 89 SHEETS STA. 514+50 TO STA. 515+50

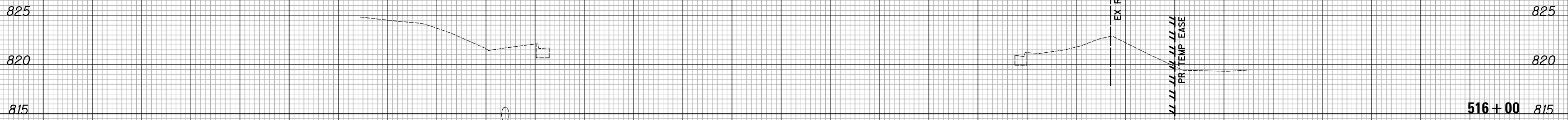
| | | | | |
|--------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 771 |
| CONTRACT NO. 61E22 | | | | |

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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|------|----|----------|-----------|----------|---------------|
| DATE | BY | SURVEYED | PLOTTED | TEMPLATE | AREAS CHECKED |
| | | | | | |
| NO. | | FINISH | NOTE BOOK | | |
| | | | | | |

| | | | | | |
|------|----|----------|-----------|----------|---------------|
| DATE | BY | SURVEYED | PLOTTED | TEMPLATE | AREAS CHECKED |
| | | | | | |
| NO. | | ORIGINAL | NOTE BOOK | | |
| | | | | | |



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|---|----|----|---|----|----|---|-------|---------|
| EARTH EXCAVATION | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| REM & DISP UNS MATL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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| DESIGNED - PK | REVISED - |
| DRAWN - JRR | REVISED - |
| CHECKED - RTM | REVISED - |
| DATE - 11/13/2017 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



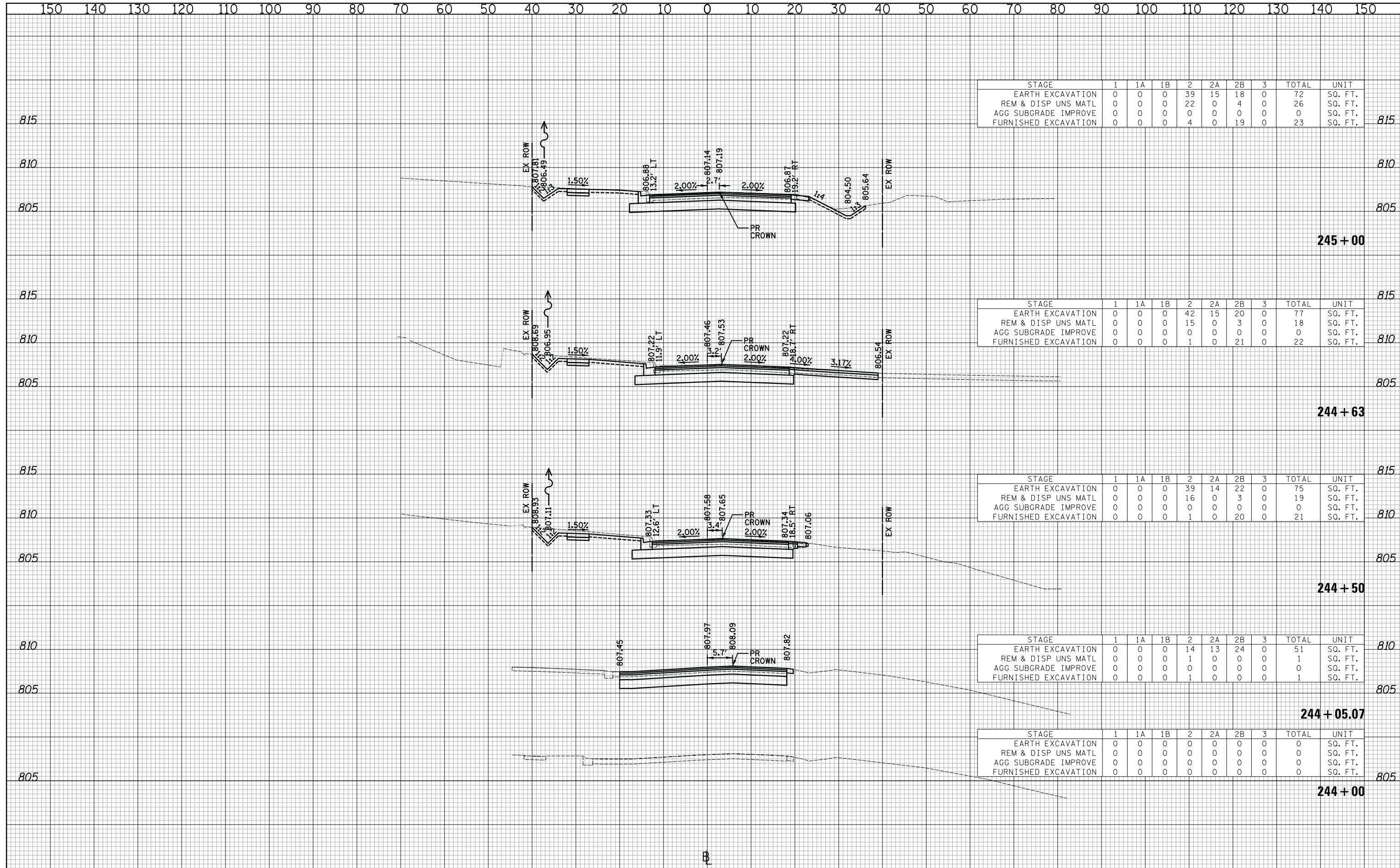
CROSS SECTIONS - QUENTIN ROAD

SHEET NO. 89 OF 89 SHEETS STA. 516+00 TO STA. 516+00

| | | | | |
|---|----------------|--------|--------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 772 |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 61E22 | |

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| DATE | |
| BY | |
| NO. | |
| FINAL SURVEY | |
| SURVEYED | |
| PLOTTED | |
| TEMPLATE | |
| AREAS | |
| CHECKED | |

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| DATE | |
| BY | |
| NO. | |
| ORIGINAL SURVEY | |
| SURVEYED | |
| PLOTTED | |
| TEMPLATE | |
| AREAS | |
| CHECKED | |



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|---|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 0 | 0 | 0 | 39 | 15 | 18 | 0 | 72 | SQ. FT. |
| REM & DISP UNS MATL | 0 | 0 | 0 | 22 | 0 | 4 | 0 | 26 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 0 | 0 | 0 | 4 | 0 | 19 | 0 | 23 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|---|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 0 | 0 | 0 | 42 | 15 | 20 | 0 | 77 | SQ. FT. |
| REM & DISP UNS MATL | 0 | 0 | 0 | 15 | 0 | 3 | 0 | 18 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 0 | 0 | 0 | 1 | 0 | 21 | 0 | 22 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|---|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 0 | 0 | 0 | 39 | 14 | 22 | 0 | 75 | SQ. FT. |
| REM & DISP UNS MATL | 0 | 0 | 0 | 16 | 0 | 3 | 0 | 19 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 0 | 0 | 0 | 1 | 0 | 20 | 0 | 21 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|---|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 0 | 0 | 0 | 14 | 13 | 24 | 0 | 51 | SQ. FT. |
| REM & DISP UNS MATL | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|---|----|----|---|----|----|---|-------|---------|
| EARTH EXCAVATION | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| REM & DISP UNS MATL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |

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| DRAWN - JRR | REVISED - |
| CHECKED - RTM | REVISED - |
| DATE - 11/13/2017 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



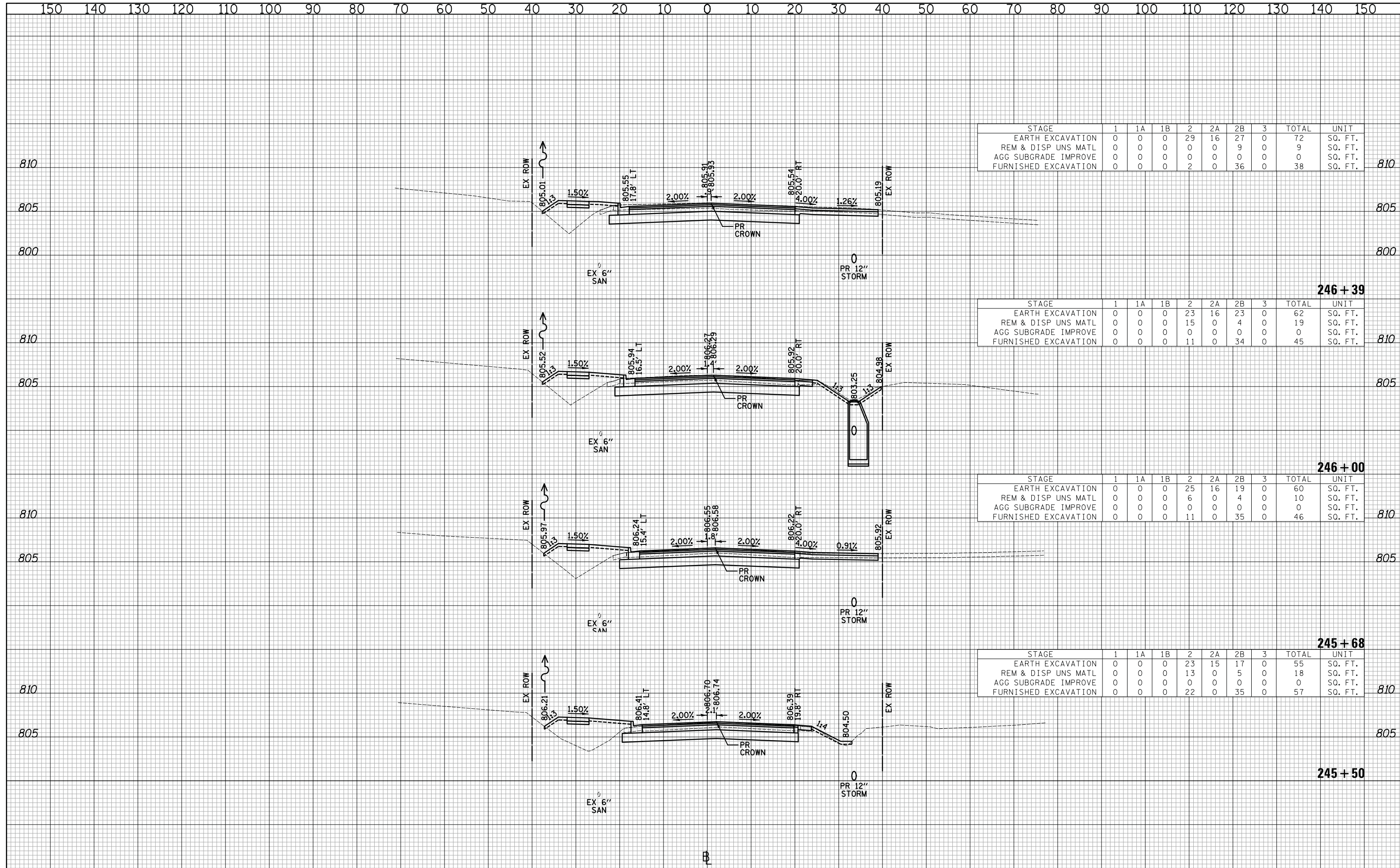
CROSS SECTIONS - WEST CUBA ROAD

SHEET NO. 1 OF 4 SHEETS STA. 244+00 TO STA. 245+00

| | | | | |
|---|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 773 |
| CONTRACT NO. 61E22 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

DATE _____
 BY _____
 SURVEYED _____
 PLOTTED _____
 TEMPLATE _____
 AREAS CHECKED _____
 NO. _____

DATE _____
 BY _____
 SURVEYED _____
 PLOTTED _____
 TEMPLATE _____
 AREAS CHECKED _____
 NO. _____



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|---|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 0 | 0 | 0 | 29 | 16 | 27 | 0 | 72 | SQ. FT. |
| REM & DISP UNS MATL | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 9 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 0 | 0 | 0 | 2 | 0 | 36 | 0 | 38 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|---|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 0 | 0 | 0 | 23 | 16 | 23 | 0 | 62 | SQ. FT. |
| REM & DISP UNS MATL | 0 | 0 | 0 | 15 | 0 | 4 | 0 | 19 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 0 | 0 | 0 | 11 | 0 | 34 | 0 | 45 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|---|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 0 | 0 | 0 | 25 | 16 | 19 | 0 | 60 | SQ. FT. |
| REM & DISP UNS MATL | 0 | 0 | 0 | 6 | 0 | 4 | 0 | 10 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 0 | 0 | 0 | 11 | 0 | 35 | 0 | 46 | SQ. FT. |

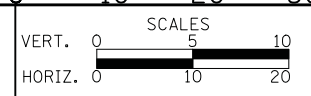
| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|---|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 0 | 0 | 0 | 23 | 15 | 17 | 0 | 55 | SQ. FT. |
| REM & DISP UNS MATL | 0 | 0 | 0 | 13 | 0 | 5 | 0 | 18 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 0 | 0 | 0 | 22 | 0 | 35 | 0 | 57 | SQ. FT. |

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CROSS SECTIONS - WEST CUBA ROAD

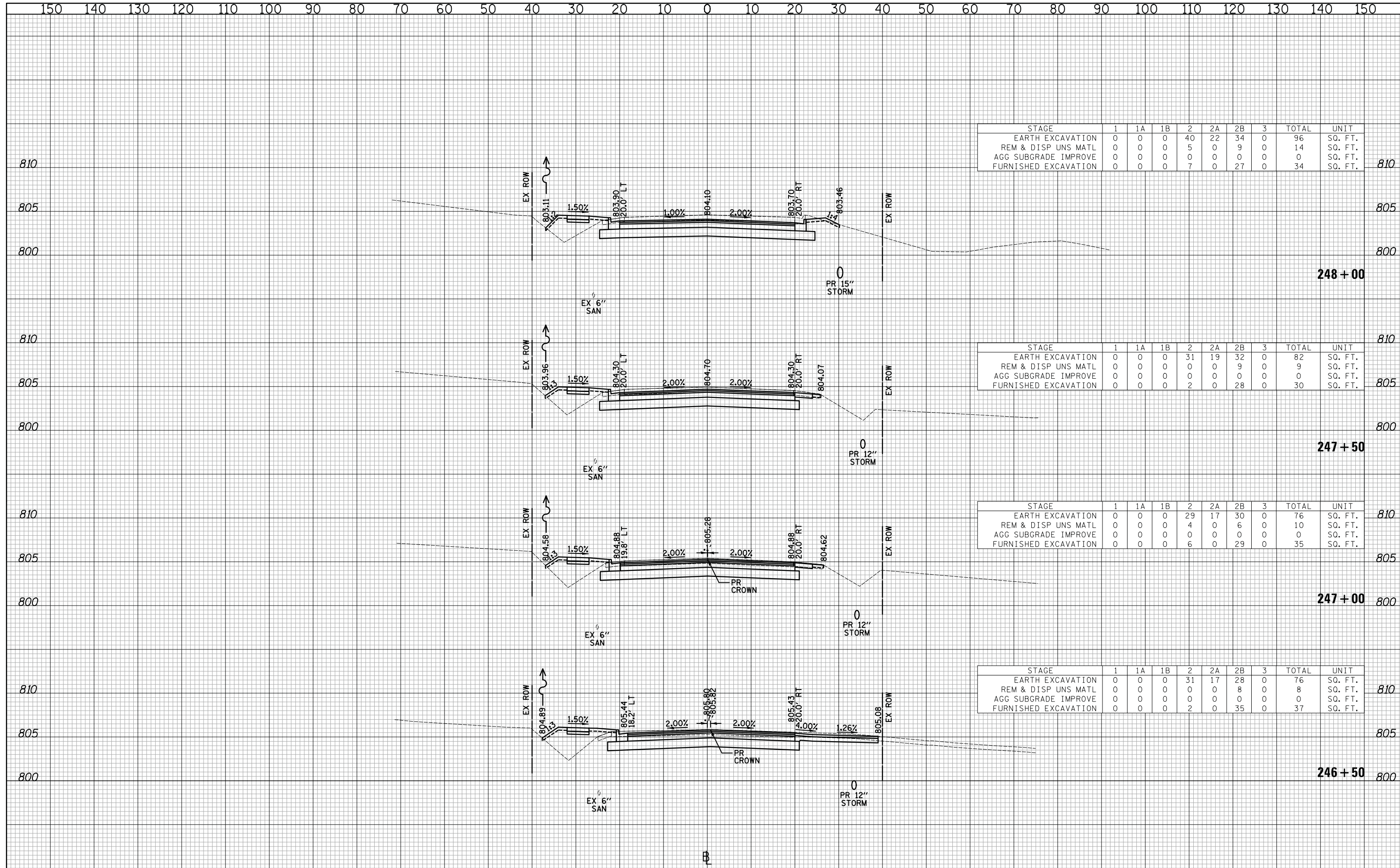
SHEET NO. 2 OF 4 SHEETS STA. 245+50 TO STA. 246+39

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|----------------|--------|--------------|-----------|
| 2574 | 08-00090-12-CH | LAKE | 778 | 774 |

CONTRACT NO. 61E22
 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

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| DATE | |
| BY | |
| SURVEYED | |
| PLOTTED | |
| TEMPLATE | |
| AREAS | |
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| DATE | |
| BY | |
| SURVEYED | |
| PLOTTED | |
| TEMPLATE | |
| AREAS | |
| CHECKED | |
| NO. | |



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|---|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 0 | 0 | 0 | 40 | 22 | 34 | 0 | 96 | SQ. FT. |
| REM & DISP UNS MATL | 0 | 0 | 0 | 5 | 0 | 9 | 0 | 14 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 0 | 0 | 0 | 7 | 0 | 27 | 0 | 34 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|---|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 0 | 0 | 0 | 31 | 19 | 32 | 0 | 82 | SQ. FT. |
| REM & DISP UNS MATL | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 9 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 0 | 0 | 0 | 2 | 0 | 28 | 0 | 30 | SQ. FT. |

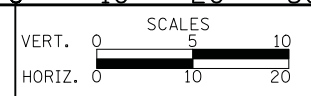
| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|---|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 0 | 0 | 0 | 29 | 17 | 30 | 0 | 76 | SQ. FT. |
| REM & DISP UNS MATL | 0 | 0 | 0 | 4 | 0 | 6 | 0 | 10 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 0 | 0 | 0 | 6 | 0 | 29 | 0 | 35 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|---|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 0 | 0 | 0 | 31 | 17 | 28 | 0 | 76 | SQ. FT. |
| REM & DISP UNS MATL | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 8 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 0 | 0 | 0 | 2 | 0 | 35 | 0 | 37 | SQ. FT. |

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| DRAWN - JRR | REVISED - |
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| DATE - 11/13/2017 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



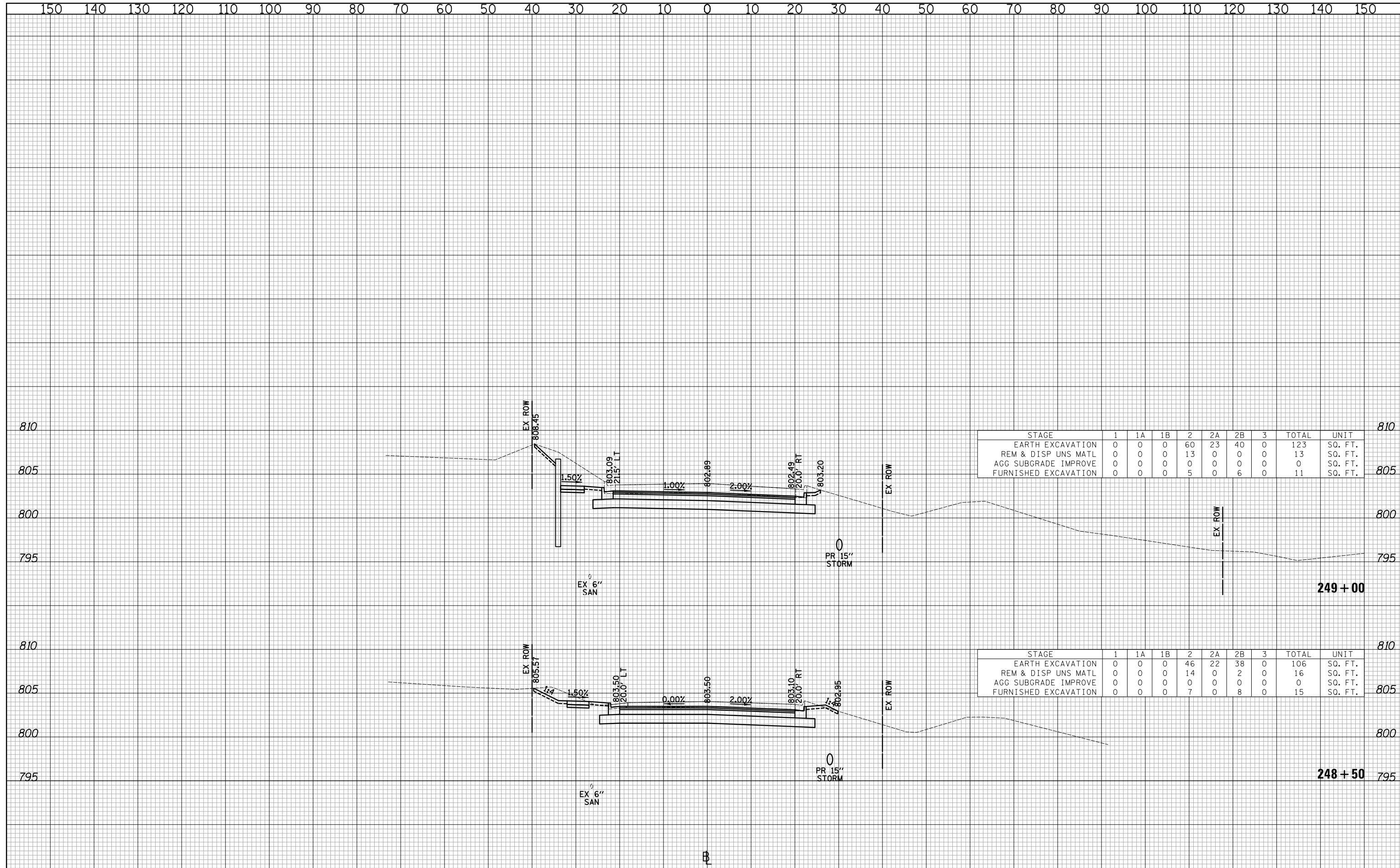
CROSS SECTIONS - WEST CUBA ROAD

| | | | | |
|---|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 775 |
| CONTRACT NO. 61E22 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

SHEET NO. 3 OF 4 SHEETS STA. 246+50 TO STA. 248+00

| | |
|----------|--|
| DATE | |
| BY | |
| SURVEYED | |
| PLOTTED | |
| TEMPLATE | |
| AREAS | |
| CHECKED | |
| NO. | |

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|----------|--|
| DATE | |
| BY | |
| SURVEYED | |
| PLOTTED | |
| TEMPLATE | |
| AREAS | |
| CHECKED | |
| NO. | |



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|---|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 0 | 0 | 0 | 60 | 23 | 40 | 0 | 123 | SQ. FT. |
| REM & DISP UNS MATL | 0 | 0 | 0 | 13 | 0 | 0 | 0 | 13 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 0 | 0 | 0 | 5 | 0 | 6 | 0 | 11 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|---|----|----|----|----|----|---|-------|---------|
| EARTH EXCAVATION | 0 | 0 | 0 | 46 | 22 | 38 | 0 | 106 | SQ. FT. |
| REM & DISP UNS MATL | 0 | 0 | 0 | 14 | 0 | 2 | 0 | 16 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 0 | 0 | 0 | 7 | 0 | 8 | 0 | 15 | SQ. FT. |

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| DRAWN - JRR | REVISED - |
| CHECKED - RTM | REVISED - |
| DATE - 11/13/2017 | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**



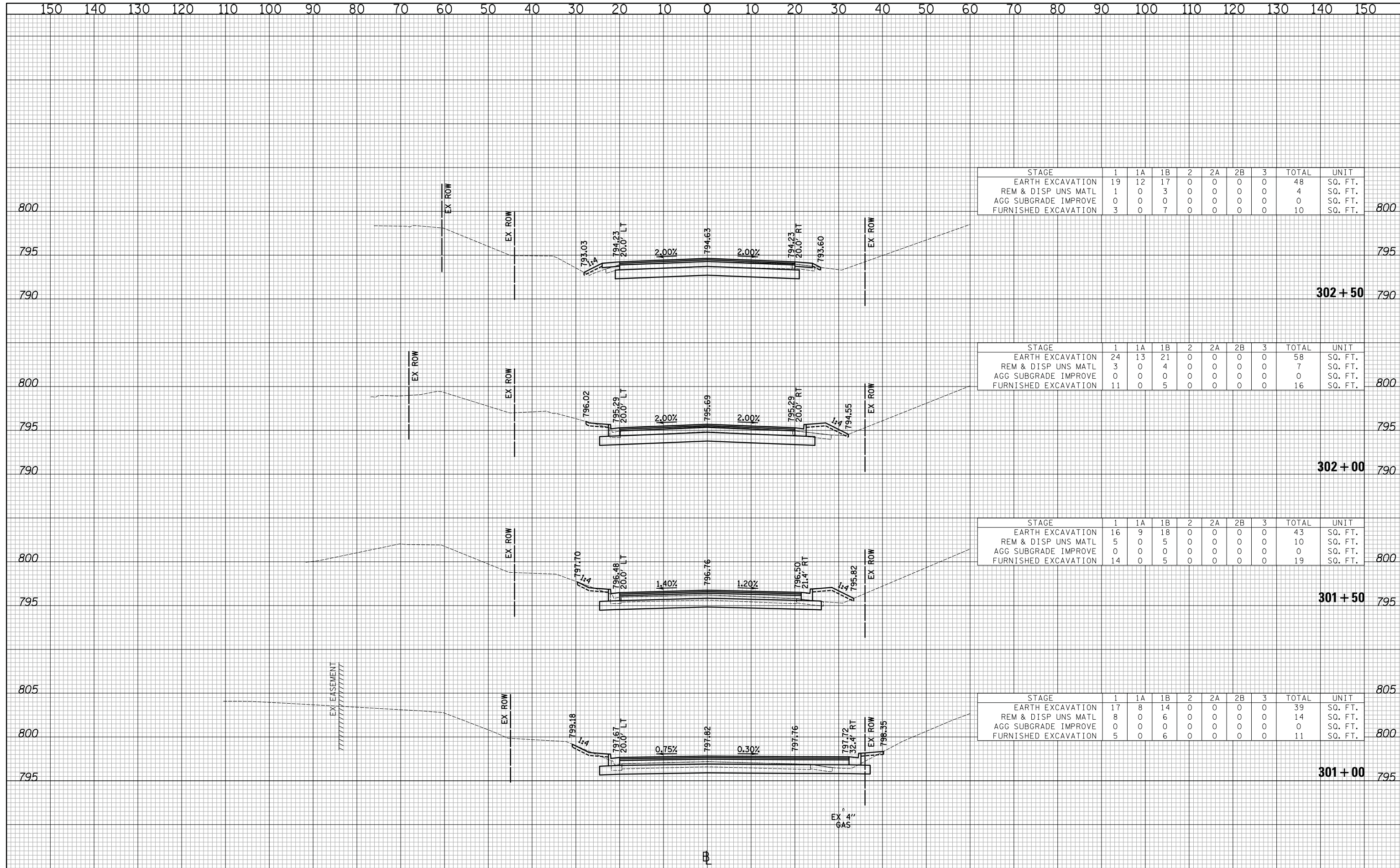
CROSS SECTIONS - WEST CUBA ROAD

SHEET NO. 4 OF 4 SHEETS STA. 248+50 TO STA. 249+00

| | | | | |
|--------------------|----------------|--------|---|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 776 |
| CONTRACT NO. 61E22 | | | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | |

| | |
|------------------|--|
| DATE | |
| BY | |
| FINAL SURVEY NO. | |
| SURVEYED | |
| PLOTTED | |
| TEMPLATE | |
| AREAS CHECKED | |

| | |
|---------------------|--|
| DATE | |
| BY | |
| ORIGINAL SURVEY NO. | |
| SURVEYED | |
| PLOTTED | |
| TEMPLATE | |
| AREAS CHECKED | |



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|---|----|----|---|-------|---------|
| EARTH EXCAVATION | 19 | 12 | 17 | 0 | 0 | 0 | 0 | 48 | SQ. FT. |
| REM & DISP UNS MATL | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 4 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 3 | 0 | 7 | 0 | 0 | 0 | 0 | 10 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|---|----|----|---|-------|---------|
| EARTH EXCAVATION | 24 | 13 | 21 | 0 | 0 | 0 | 0 | 58 | SQ. FT. |
| REM & DISP UNS MATL | 3 | 0 | 4 | 0 | 0 | 0 | 0 | 7 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 11 | 0 | 5 | 0 | 0 | 0 | 0 | 16 | SQ. FT. |

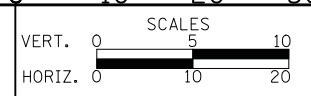
| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|---|----|----|---|-------|---------|
| EARTH EXCAVATION | 16 | 9 | 18 | 0 | 0 | 0 | 0 | 43 | SQ. FT. |
| REM & DISP UNS MATL | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 10 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 14 | 0 | 5 | 0 | 0 | 0 | 0 | 19 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|---|----|----|---|-------|---------|
| EARTH EXCAVATION | 17 | 8 | 14 | 0 | 0 | 0 | 0 | 39 | SQ. FT. |
| REM & DISP UNS MATL | 8 | 0 | 6 | 0 | 0 | 0 | 0 | 14 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 5 | 0 | 6 | 0 | 0 | 0 | 0 | 11 | SQ. FT. |

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| CHECKED - RTM | REVISED - |
| DATE - 11/13/2017 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



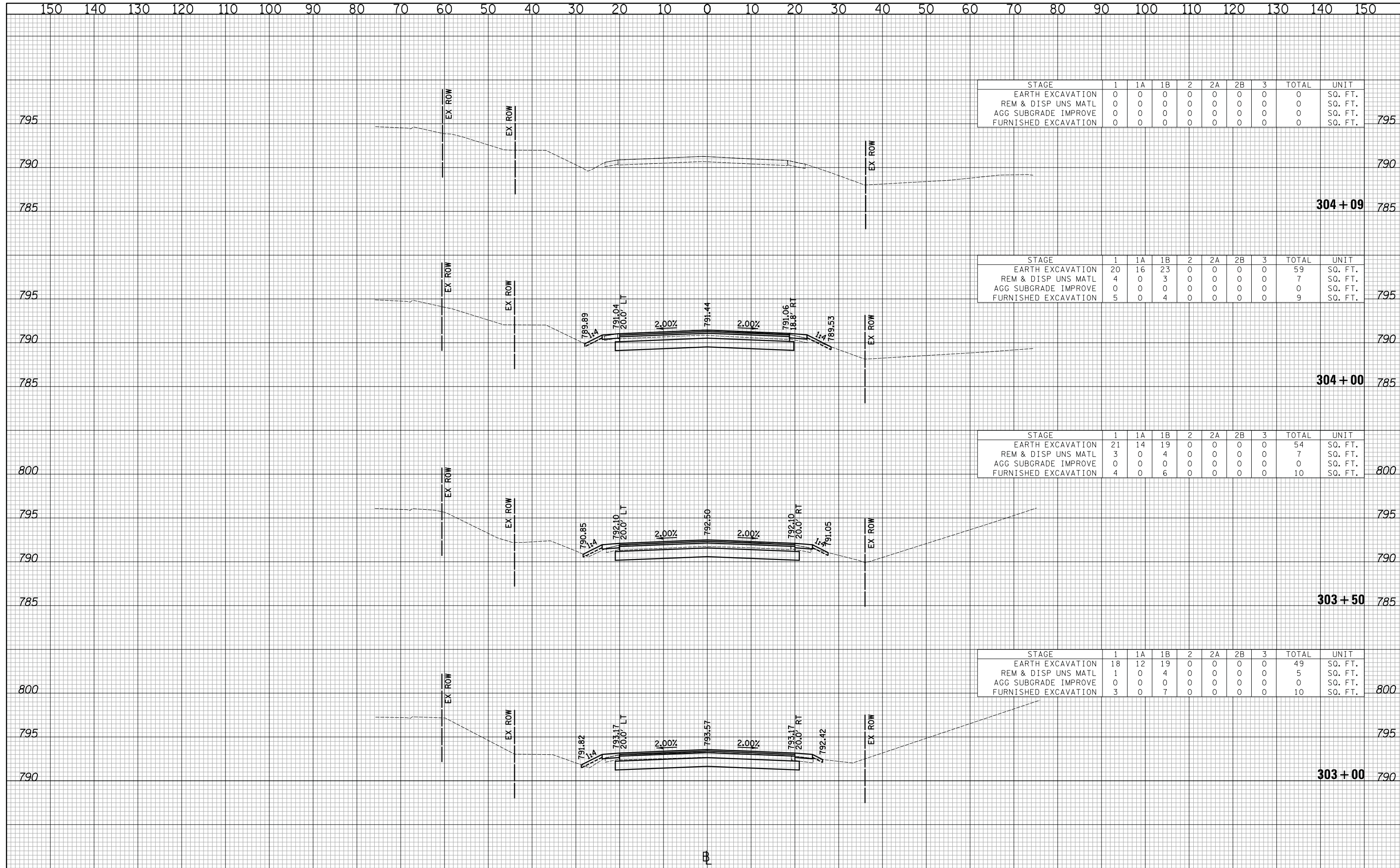
CROSS SECTIONS - EAST CUBA ROAD

SHEET NO. 1 OF 2 SHEETS | STA. 301+00 TO STA. 302+50

| | | | | |
|---|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 777 |
| CONTRACT NO. 61E22 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

DATE _____
 BY _____
 SURVEYED _____
 PLOTTED _____
 TEMPLATE _____
 AREAS CHECKED _____
 FINISH SURVEY NO. _____

DATE _____
 BY _____
 SURVEYED _____
 PLOTTED _____
 TEMPLATE _____
 AREAS CHECKED _____
 ORIGINAL SURVEY NO. _____



| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|---|----|----|---|----|----|---|-------|---------|
| EARTH EXCAVATION | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| REM & DISP UNS MATL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|---|----|----|---|-------|---------|
| EARTH EXCAVATION | 20 | 16 | 23 | 0 | 0 | 0 | 0 | 59 | SQ. FT. |
| REM & DISP UNS MATL | 4 | 0 | 3 | 0 | 0 | 0 | 0 | 7 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 5 | 0 | 4 | 0 | 0 | 0 | 0 | 9 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|---|----|----|---|-------|---------|
| EARTH EXCAVATION | 21 | 14 | 19 | 0 | 0 | 0 | 0 | 54 | SQ. FT. |
| REM & DISP UNS MATL | 3 | 0 | 4 | 0 | 0 | 0 | 0 | 7 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 4 | 0 | 6 | 0 | 0 | 0 | 0 | 10 | SQ. FT. |

| STAGE | 1 | 1A | 1B | 2 | 2A | 2B | 3 | TOTAL | UNIT |
|----------------------|----|----|----|---|----|----|---|-------|---------|
| EARTH EXCAVATION | 18 | 12 | 19 | 0 | 0 | 0 | 0 | 49 | SQ. FT. |
| REM & DISP UNS MATL | 1 | 0 | 4 | 0 | 0 | 0 | 0 | 5 | SQ. FT. |
| AGG SUBGRADE IMPROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | SQ. FT. |
| FURNISHED EXCAVATION | 3 | 0 | 7 | 0 | 0 | 0 | 0 | 10 | SQ. FT. |

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 DRAWN - JRR
 CHECKED - RTM
 DATE - 11/13/2017

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

VERT. 0 5 10
 HORIZ. 0 10 20
 SCALES
CROSS SECTIONS - EAST CUBA ROAD
 SHEET NO. 2 OF 2 SHEETS STA. 303+00 TO STA. 304+09

| | | | | |
|---|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2574 | 08-00090-12-CH | LAKE | 778 | 778 |
| CONTRACT NO. 61E22 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |