

|          |  |
|----------|--|
| DATE     |  |
| BY       |  |
| DESIGNED |  |
| DRAWN    |  |
| CHECKED  |  |
| DATE     |  |

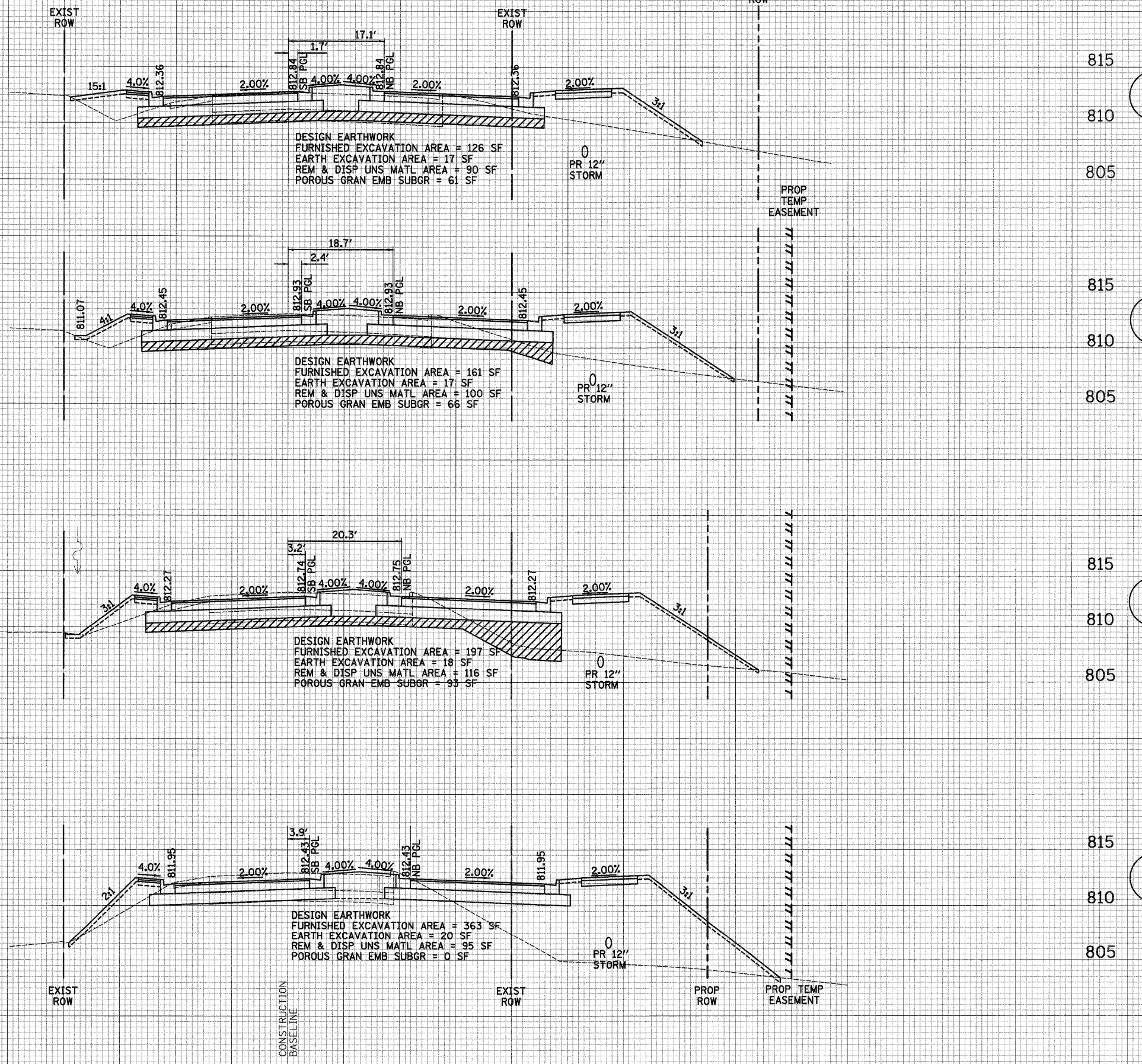
|          |  |
|----------|--|
| DATE     |  |
| BY       |  |
| DESIGNED |  |
| DRAWN    |  |
| CHECKED  |  |
| DATE     |  |

|          |  |
|----------|--|
| DATE     |  |
| BY       |  |
| DESIGNED |  |
| DRAWN    |  |
| CHECKED  |  |
| DATE     |  |

**SOILS NOTE:**  
 POROUS GRANULAR EMBANKMENT, SUBGRADE (PGES) HAS BEEN PROVIDED AT THE LOCATIONS INDICATED FOR SOILS WHICH TEND TO BE UNSTABLE WHEN WET. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION WITH THE IDOT SUBGRADE MANUAL. IF UNSTABLE SOILS ARE ENCOUNTERED, THE SOILS SHALL BE REMOVED AND REPLACED WITH PGES. IF UNSTABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY WILL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE THE CONTRACTOR.

THE LIMITS OF UNSTABLE SOILS AT THE APPROXIMATE LOCATIONS AS FOLLOWS:

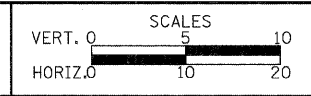
| STA TO STA     | ESTIMATED UNDERCUT BELOW DESIGN SUBGRADE |
|----------------|--|
| 26+82 TO 29+85 | 12" FOR FULL WIDTH                       |
| 32+25 TO 33+75 | EXCAVATE TO ELEV 785                     |
| 33+75 TO 37+50 | EXCAVATE TO ELEV 787                     |
| 39+88 TO 42+63 | 10" FOR FULL WIDTH                       |
| 0+00 TO 3+24   | 10" FOR FULL WIDTH                       |
| 2+75 TO 4+00   | EXCAVATE TO ELEV 787                     |
| 6+09 TO 8+78   | 12' FOR FULL WIDTH                       |
| 14+69 TO 17+37 | 10" FOR FULL WIDTH                       |



**CIVILTECH**  
 450 E Devon Ave, Suite 300  
 Itasca, Illinois 60143  
 Tel: 630.773.3900 Fax: 630.773.3975  
 www.civiltechinc.com

|                   |           |
|-------------------|-----------|
| DESIGNED - JRR    | REVISED - |
| DRAWN - JRR       | REVISED - |
| CHECKED - RTM     | REVISED - |
| DATE - 10/24/2011 | REVISED - |

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**



**CROSS SECTIONS - QUENTIN ROAD**

SHEET NO. 24 OF 36 SHEETS STA. 14+00 TO STA. 16+00

|   |                        |             |                    |               |
|---|------------------------|-------------|--------------------|---------------|
| F.A.U. RTE. 364                                 | SECTION 02-00051-08-WR | COUNTY LAKE | TOTAL SHEETS 188   | SHEET NO. 167 |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT |                        |             | CONTRACT NO. 63649 |               |