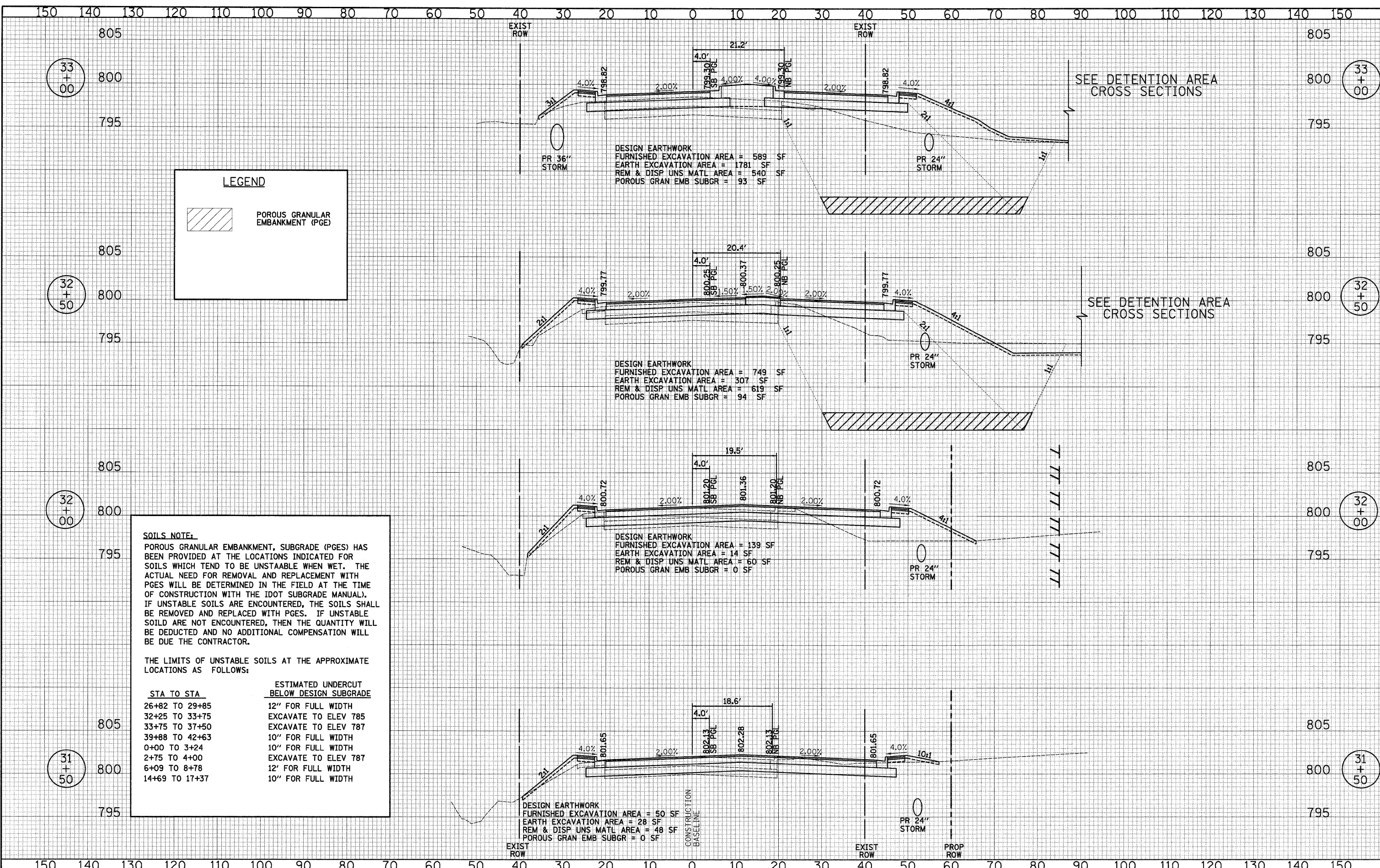



DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 SURVEYED: \_\_\_\_\_  
 DRAWN: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 DATE: 10/24/2011

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 SURVEYED: \_\_\_\_\_  
 DRAWN: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 DATE: 10/24/2011



**LEGEND**

 POROUS GRANULAR EMBANKMENT (PGE)

**SOILS NOTE:**  
 POROUS GRANULAR EMBANKMENT, SUBGRADE (PGE) 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

33  
+  
00

32  
+  
50

32  
+  
00

31  
+  
50

33  
+  
00

32  
+  
50

32  
+  
00

31  
+  
50

**CIVILTECH**  
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 Tel: 630.773.3900 Fax: 630.773.3975  
 www.civiltechinc.com

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

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

VERT. 0  
 HORIZ. 0  
 SCALES  
 1" = 10'  
 1" = 20'

**CROSS SECTIONS - QUENTIN ROAD**

SHEET NO. 7 OF 36 SHEETS STA. 31+50 TO STA. 33+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
364	02-00051-08-WR	LAKE	188	150

CONTRACT NO. 63649  
 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT