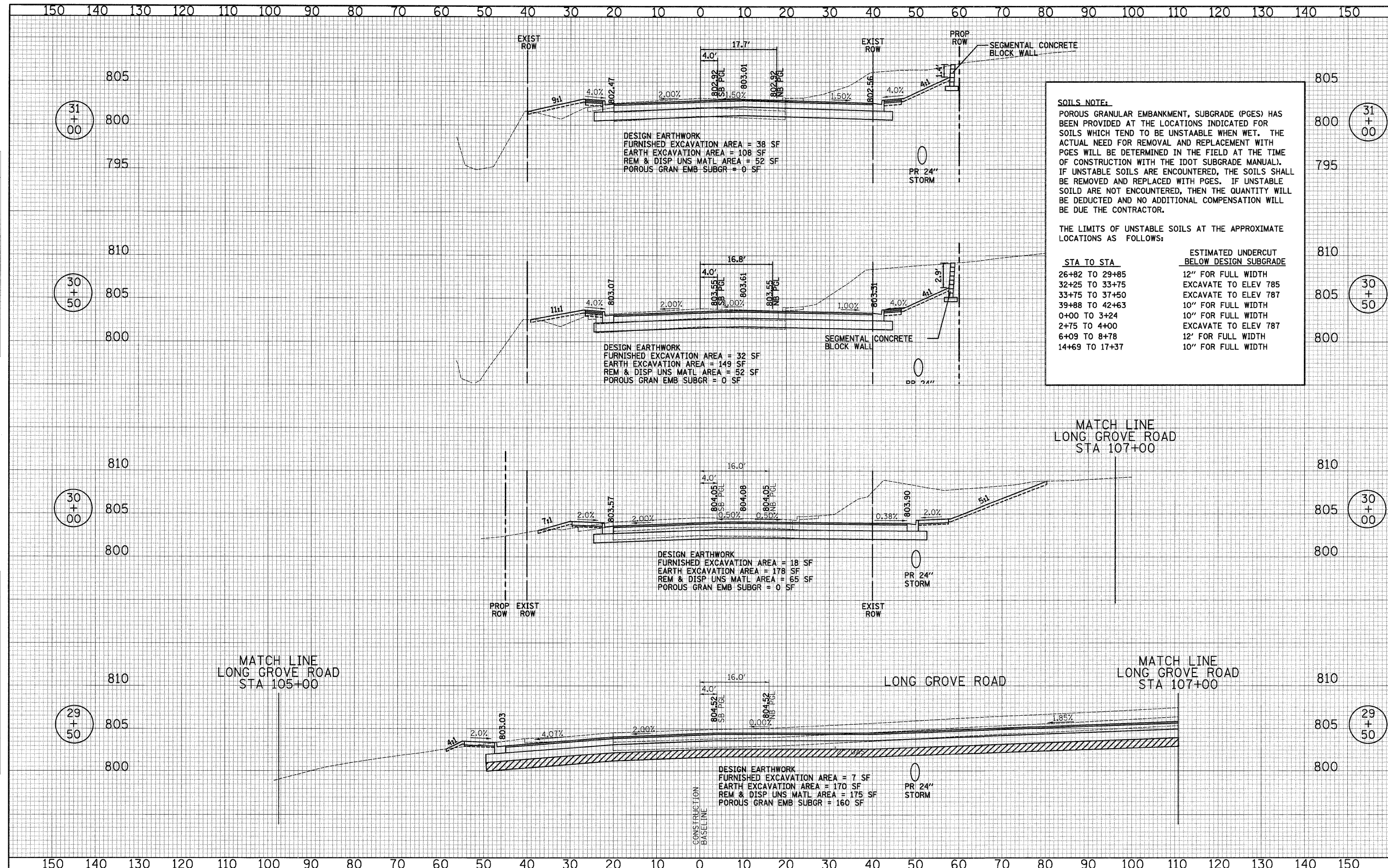


DATE _____ BY _____
 SURVEYED _____
 ORIGINAL SURVEY _____
 NOTE BOOK _____
 NO. _____

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



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

MATCH LINE
 LONG GROVE ROAD
 STA 107+00

MATCH LINE
 LONG GROVE ROAD
 STA 105+00

MATCH LINE
 LONG GROVE ROAD
 STA 107+00

LONG GROVE ROAD

CIVILTECH
 450 E Devon Ave, Suite 300
 Itasca, Illinois 60143
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 www.civiltechinc.com

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

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

VERT. 0 5 10
 HORIZ. 10 20

CROSS SECTIONS - QUENTIN ROAD
 SHEET NO. 6 OF 36 SHEETS STA. 29+50 TO STA. 31+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
364	02-00051-08-WR	LAKE	188	149

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