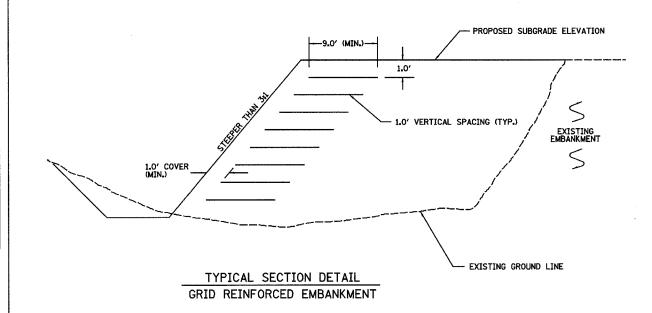
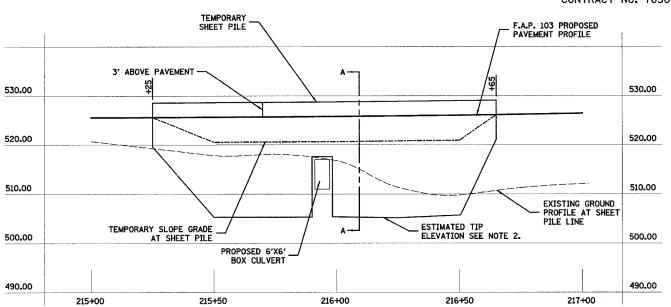
CONTRACT NO. 76300





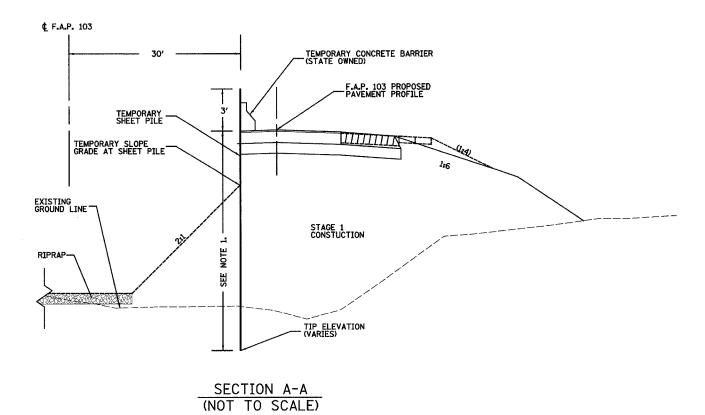
SHEET PILE DETAIL

NOTE:

- 1. NOT TO SCALE
 GEOGRID PROPERTIES:
- 14,000 LB/FT MIN. TENSILE MODULUS
- 765 LB/FT MIN. JUNCTION STRENGTH
- 2. REFER TO SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS

NOTES:

- 1. THE CONTRACTOR SHALL DETERMINE THE REQUIRED TIP ELEVATION AND SECTION MODULUS FOR ALL SHEET PILES TO SUPPORT THE PROPOSED EMBANKMENT, PAVEMENTS AND TRAFFIC DURING CONSTRUCTION.
- 2. THE ESTIMATE TIP ELEVATION SHOWN ON THE DETAIL IS APPROXIMATE AND HAS BEEN ESTIMATED BASED ON A RATIO OF EMBEDMENT EQUAL TO 3 TIMES THE EXPOSED HEIGHT FROM THE TEMPORARY 2:1 SLOPE TO THE PROPOSED PAVEMENT SURFACE ELEVATION.
- 3. THE PLAN QUANTITY FOR TEMPORARY SHEET PILE WAS CALCULATED BASED ON THE AREA SHOWN ON THIS DETAIL PLUS 25% FOR UNKNOWN FIELD CONDITIONS AND POTENTIAL GEOMETRIC MODIFICATIONS. THE FINAL PAY QUANTITY WILL BE CALCULATED ON THE BASIS OF THE CONTRCTORS DESIGN SUBMITTAL AND LENGTHS DRIVEN TO DESIGN TIP ELEVATIONS 4. REFER TO SPECIAL PROVISION FOR ADDITIONAL INFORMATION AND REQUIREMENTS.



REVISIONS
NAME
DATE
SHEET PILE AND BIAXIAL GEOGRID
DETAIL
F.A.P. 103 (IL. RTE. 13/15)
SECTION 27-1R - ST. CLAIR CO.

 SCALE:
 1" = 50'
 DRAWN BY
 CRO

 DATE
 Febuary 11, 2005
 CHECKED BY
 RCY

PLAN SURVEYED
NOTE BOOK ALTOWART CHECK
NOTE BOOK ATT OF WAY CHECK