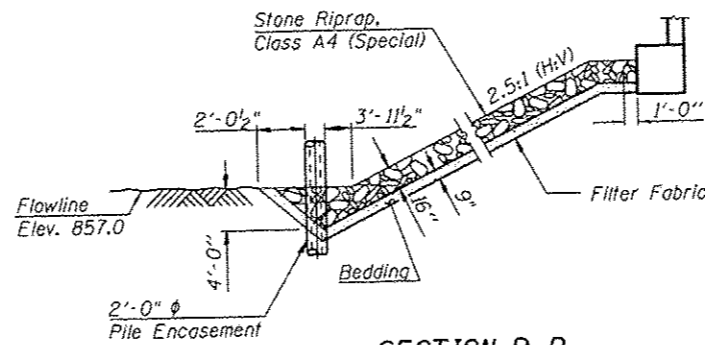


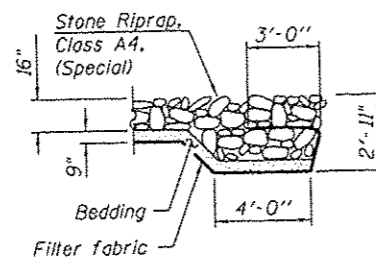
SECTION A-A

Note: Filter Fabric and Excavation will not be paid for as a separate item and shall be considered as included in Stone Riprap, Class A4 (Special).



SECTION B-B

Note: Filter Fabric and Excavation will not be paid for as a separate item and shall be considered as included in Stone Riprap, Class A4 (Special).



SECTION C-C

GENERAL NOTES

Reinforcement bars shall conform to the requirements of ASTM A706 Grade 60.

The Contractor shall drive one Metal Shell test pile to 110% of the nominal required bearing in a permanent location at the West abutment and at Pier 2 as directed by the Engineer, before ordering the remainder of piles.

Layout of slope protection system may be varied in the field to suit ground conditions as directed by the Engineer.

Structure Excavation will not be measured for payment but shall be included in the unit price bid for "Concrete Structures" or "Concrete Encasement."

All exposed portions of abutments, wing walls, and piers shall receive a rubbed finish in accordance with Article 503.15 (b) of the Standard Specifications. Cost to be included in cost of Concrete Structures.

TOTAL BILL OF MATERIAL

| ITEM | UNIT | SUPER | SUB | TOTAL |
|---|---------|-------|------|-------|
| Stone Riprap, Class A4 (Special) | Sq. Yd. | | 435 | 435 |
| Concrete Structures | Cu. Yd. | | 51.4 | 51.4 |
| Concrete Encasement | Cu. Yd. | | 19.6 | 19.6 |
| Precast Prestressed Concrete Deck Beams (21" Depth) | Sq. Ft. | 3540 | | 3540 |
| Reinforcement Bars | Pound | -- | 6820 | 6820 |
| Steel Railing, Type SM | Foot | 237 | | 237 |
| Furnishing Metal Shell Piles 12"x0.250" | Foot | | 414 | 414 |
| Furnishing Metal Shell Piles 14"x0.250" | Foot | | 726 | 726 |
| Driving Piles | Foot | | 1140 | 1140 |
| Test Piles, Metal Shells | Each | | 2 | 2 |
| Name Plates | Each | | 1 | 1 |
| Waterproofing Membrane System | Sq. Yd. | | 399 | 399 |
| Portland Cement Mortar Fairing Course | Foot | 797 | | 797 |
| Hot-Mix Asphalt Surface Course, Mix "C", N50 | Ton | 39.5 | | 39.5 |
| Permanent Survey Marker's (Special) | Each | | 1 | 1 |

FILE NAME * 12-540.NOTES.dgn

USER NAME * rfitzanko
 PLOT SCALE * #SCALE#
 PLOT DATE * 3/23/2013

DESIGNED - J.A.M.
 CHECKED - A.R.K.
 DRAWN - A.D.S.
 CHECKED -

REVISED -
 REVISED -
 REVISED -
 REVISED -

FEHR GRAHAM
 ENGINEERING & ENVIRONMENTAL
 ILLINOIS DESIGN FIRM NO. 184-003305

FREEDPORT, IL ROCKFORD, IL
 ROCHELLE, IL SPRINGFIELD, IL
 MONROE, WI

GENERAL NOTES AND DETAILS
 S.N. 004-3096

SHEET NO. 2 OF 15 SHEETS

| T.R. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------------|-----------|
| 33 | 12-08120-00-BR | BOONE | 26 | 8 |
| ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 85589 | |