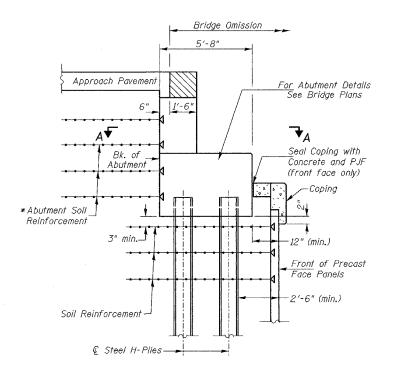
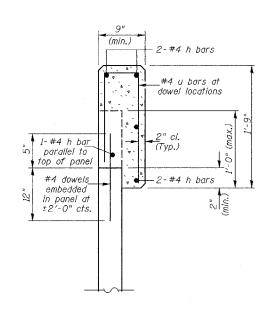
* 01-00590-00-BR (County)

CONTRACT NO. 87293



* The M.S.E. wall supplier is to design the abutment soil reinforcement to resist a horizontal force of 1.3 kips/ft. of abutment.

ABUTMENT CAP SECTION



C.I.P. Coping

(See Detail)

Exposed

Finished

Leveling Pad

Grade

Panels

Panel Line Precast

Soil Reinforcement

: Select

Existing

Ground

Line

Limits of Removal of Unsuitable Material Backfill with Porous Granular Embankment**

Backfill

·Steel Piles (Typ.) *-

2'-0" __0.70 x "H" min. See supplier_

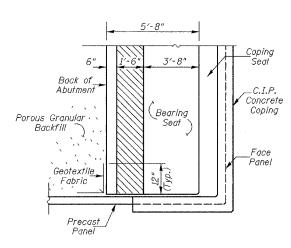
** The Porous Granular Embankment shall have a minimum Friction angle of 30 degrees. The contractor shall either drive a imminum Friction driging of 30 degrees. The contractor shall either drive the piles after excavation and prior to Porous Granular placement or limit the maximum aggregate size placed near the proposed piles to 0.5 inch to allow the pile penetration without damage.

SECTION AT ABUTMENT

shop drawings for lengths Limits of Structure Excavation

* Piles shall be driven prior to placement of the Reinforcement Select Fill and coated with Coal Tar Epoxy from the bottom of the select fill to 1" above the base of the abutment. The cost of the Coal Tar Epoxy Coating shall be included with the cost of the Mechanically Stabilized Earth Retaining Wall.

SECTION CAST-IN-PLACE COPING



SECTION A-A

ABUTMENT & WALL DETAILS MSE WALL NO. 1 & 2 FAU ROUTE 6145 SECTION 01-00590-00-BR (COUNTY) LASALLE COUNTY STATION 16+66.11 TO 27+40.27

> HUTCHISON ENGINEERING, INC. JACKSONVILLE & JOLIET, ILLINOIS Date: 3 /10 /2006

DESIGNED BRT CHECKED TC & TD DRAWN JOH CHECKED