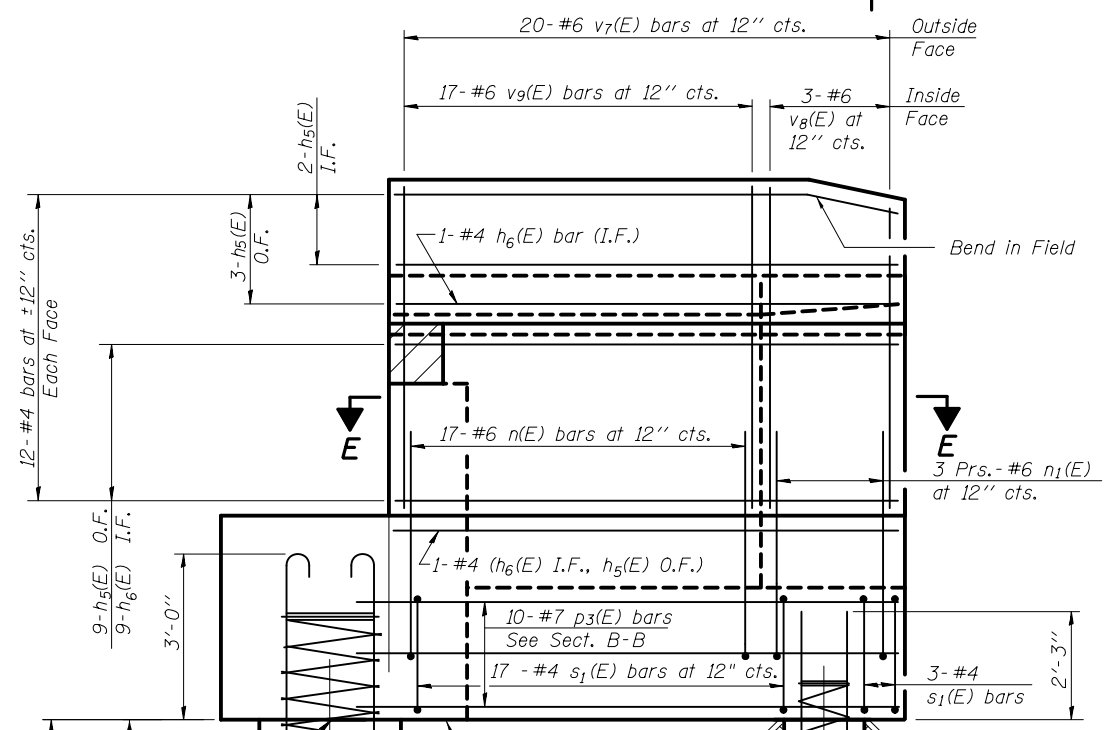
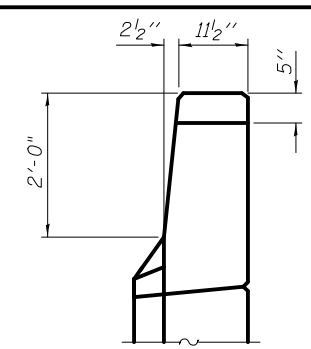


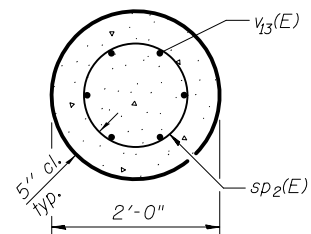
**WING WALL ELEVATION**  
Showing Dimensions



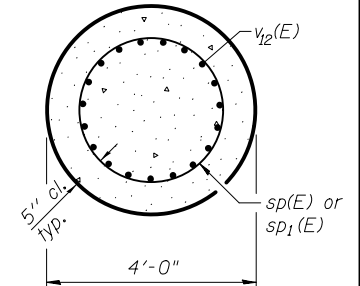
**WING WALL & DRILLED SHAFT ELEVATION**  
Showing Reinforcement



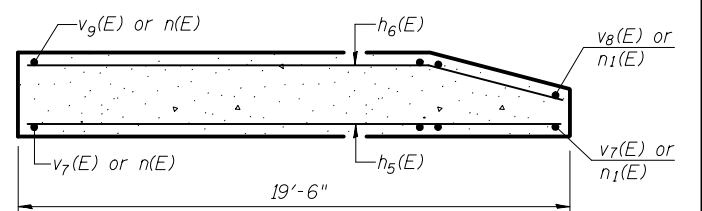
**VIEW A-A**



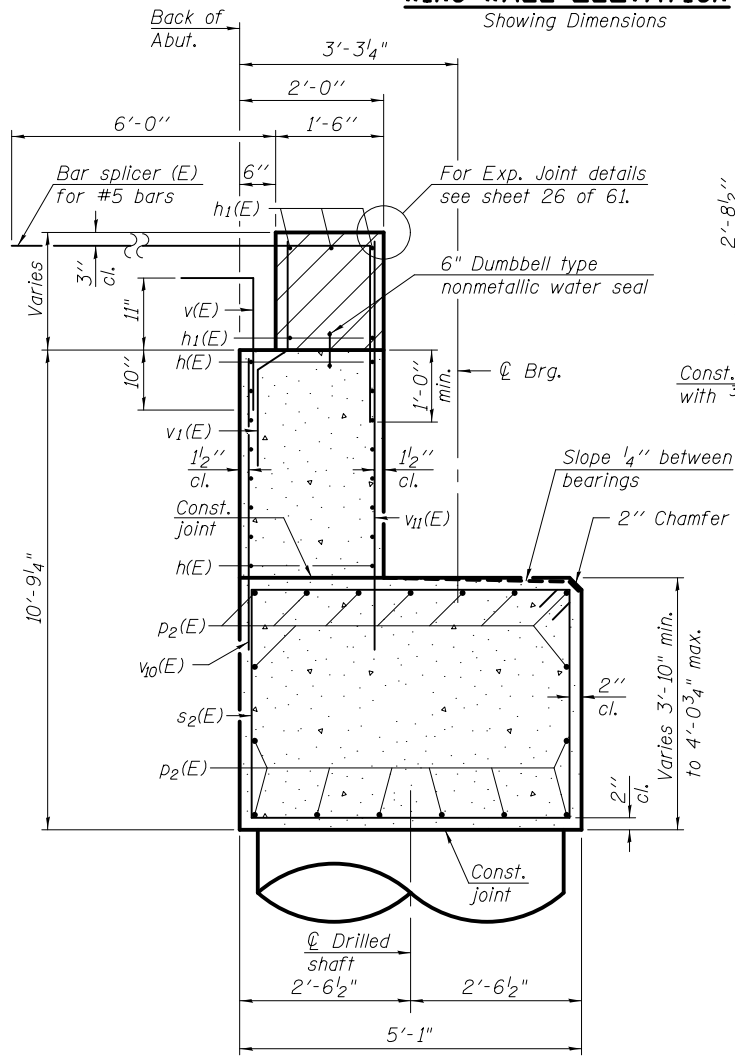
**SECTION C-C**



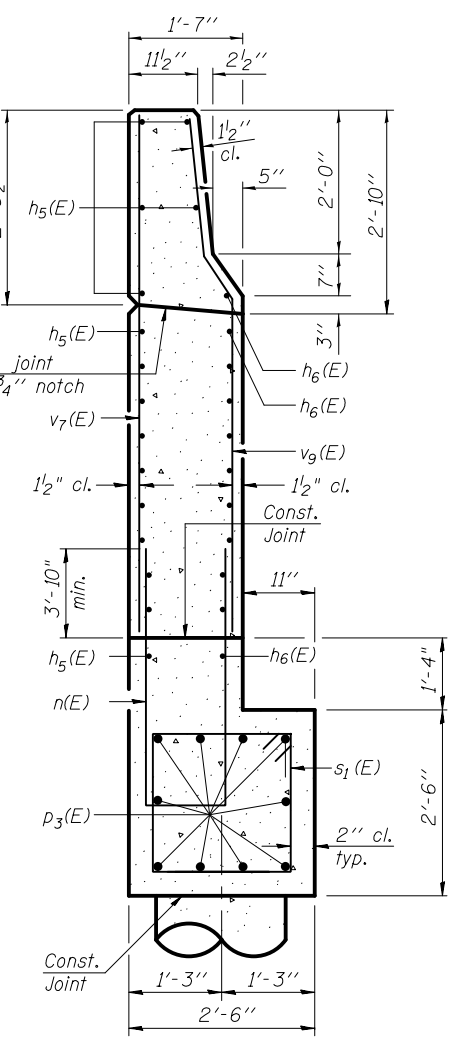
**SECTION D-D**



**SECTION E-E**



**SECTION THRU ABUT.**



**SECTION B-B**

Notes:  
 Hatched area to be poured after superstructure false work has been removed. Quantity of concrete included with Concrete Superstructure on sheet 23 of 61.  
 Space reinforcement in cap to miss anchor bolts. Four steps monolithically with cap.  
 Quantity of concrete in end post included with Concrete Superstructure on sheet 23 of 61.  
 Provide 1/2 extra turns top and bottom of spiral for each drilled shaft. Extend sp(E) spiral 2'-0" into abutment cap and extend sp2(E) spiral 1'-3" into wingwall cap.  
 Due to the presence of sand, drilled shaft construction will need to employ the use of slurry or casing to construct the shafts; the method chosen should be left up to the Contractor.

\* The quantities and detailing are based on the estimated elevations shown on the plans. The actual elevations may differ at each shaft and corresponding adjustments shall be made to the drilled shaft and reinforcement quantities and payment limits.

\*\* When splicing of spiral reinforcement is necessary, the spirals shall be provided with 1/2 extra turns at the ends to be spliced. These additional turns shall either be welded together according to AWS D1.4, or shall both terminate with a 135° standard hook.

\*\*\* Information provided in the Soil Boring and Rock Core Log B-8 indicate that the rock stratum from Elevation 419.00 to Elevation 404.00 is weak. It is assumed that shaft excavation within this region will not require the use of special rock augers and/or other rock excavation methods. Drilled shafts within this region will be paid for as Drilled Shaft In Soil except as described in the note regarding Limits of Drilled Shaft in Soil.



USER NAME =	DESIGNED - JTH	REVISED
	CHECKED - RLM	REVISED
PLOT SCALE =	DRAWN - AEC	REVISED
PLOT DATE = 2/1/2013	CHECKED - JTH	REVISED

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SOUTH ABUTMENT DETAILS  
STRUCTURE NO. 014-0033

SHEET NO. 40 OF 61 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	1-1BR-2	CLINTON	159	109
CONTRACT NO. 76479				

ILLINOIS FED. AID PROJECT