



- NOTES:**
1. The quantities and reinforcement detailing are based on the elevations shown and may change based on the actual top of rock encountered and final top of shaft elevations.
 2. Pour steps monolithically with cap.
 3. Space reinforcement in cap to miss anchor bolts.
 4. 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.
 5. The Contractor is responsible for determining the Permanent Casing thickness and the actual tip elevation used per article 5.16.06(d) of the Standard Specifications.
 6. Lapping of spiral reinforcement is not permitted within the 7'-0" zone from top of column or bottom of column in either the column or drilled shafts. Where splicing is necessary, fully-welded or full-mechanical splices are allowed.
 7. For Section A-A thru G-G, see sheet 91 of 133.
 8. For Drilled Shaft Layout, see sheet 91 of 133.
 9. For Bill of Material, see sheet 91 of 133.
 10. Bars v₂, v₄ and v₆ to be spliced using Mechanical Splicers for #11 bars.
 11. Bars v₃, v₅ and v₇ to be spliced using Mechanical Splicers for #11 bars.
 12. The Permanent Casing should be advanced into the rock a sufficient distance as needed to achieve an adequate seal for the excavation of the Drilled Shaft in Rock.

END VIEW

ELEVATION
(Looking East)

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USER NAME = jmgus	DESIGNED - PJC	REVISED - LGP 4/20/2011
FILE NAME = 0600345-76A91-090-PRD.DGN	CHECKED - CAS	REVISED -
PLOT SCALE = NONE	DRAWN - JM	REVISED -
PLOT DATE = 3/18/2011	CHECKED - BSK	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PIER 1 - PLAN & ELEVATION
STRUCTURE NO. 060-0345**
BRIDGE SHEET NO. 90 OF 133 SHEETS

F.A.I. RTE. 270	SECTION 60-1B-1	COUNTY MADISON	TOTAL SHEETS 712	SHEET NO. 469
CONTRACT NO. 76A91				
ILLINOIS FED. AID PROJECT				