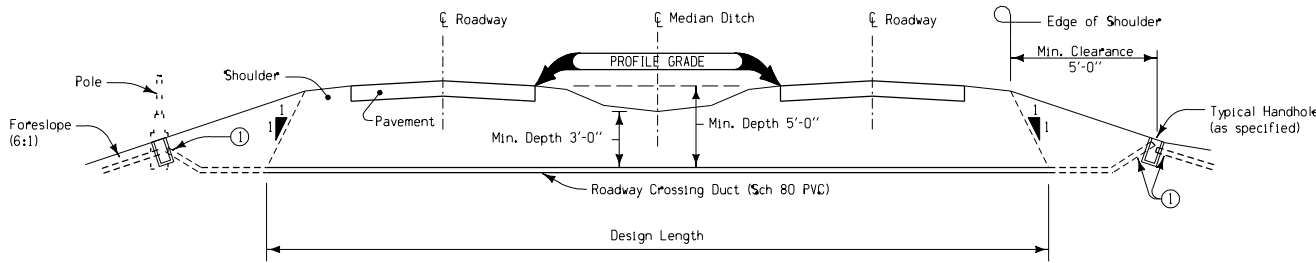
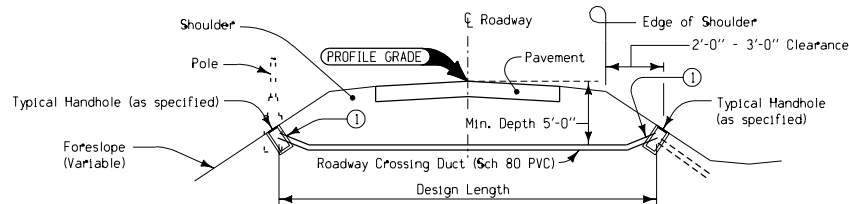


TYPICAL PLANS  
CIRCUIT AND ROADWAY CROSSING DUCTS



TYPICAL SECTION  
WHERE FORESLOPES ARE 6:1 OR FLATTER



TYPICAL SECTION  
WHERE FORESLOPES ARE STEEPER THAN 6:1

**GENERAL NOTES:**

The details indicated hereon are for installation of electrical roadway ducts. Alternate designs may be submitted to the Engineer for approval.

Materials and methods of construction shall be in accordance with current Standard and Supplemental Specifications.

Refer to appropriate Standard Road Plans and project plans for additional details.

The type, size and location of electrical roadway ducts will be shown on the project plans. Roadway crossings shall be installed as shown hereon unless otherwise specified or directed by the Engineer.

Ducts for roadway crossings shall be Sch 80 PVC. Crossings which are to be placed without disturbing the existing roadway surface shall be installed by jacking or boring methods approved by the Engineer. No access to duct or jacking of duct from median will be allowed without the specific approval of the Engineer.

After cable is installed, all duct terminal ends in handholes, transformer bases, light pole shafts, or similar locations as directed by the Engineer shall be sealed against entry of moisture. Sealants shall be either approved sealing bushings or a non-hardening sealing compound.

① Connect to pole footing, handhole, or circuit duct as shown on project plans.

LAYOUT LEGEND	
Crossing	-----
Handhole	■
Lighting Unit	●

<b>Iowa Department of Transportation</b> Project Development Division	
<b>STANDARD ROAD PLAN</b>	<b>RM-33</b>
REVISION: Show Profile Grade at inside edge of pavement for four lanes.	REVISION NO. 2
APPROVED BY: <i>Chris</i> 06-07-00 DESIGN METHODS ENGINEER	REVISION DATE 10-03-00
ELECTRICAL INSTALLATION DETAILS (ROADWAY DUCTS)	