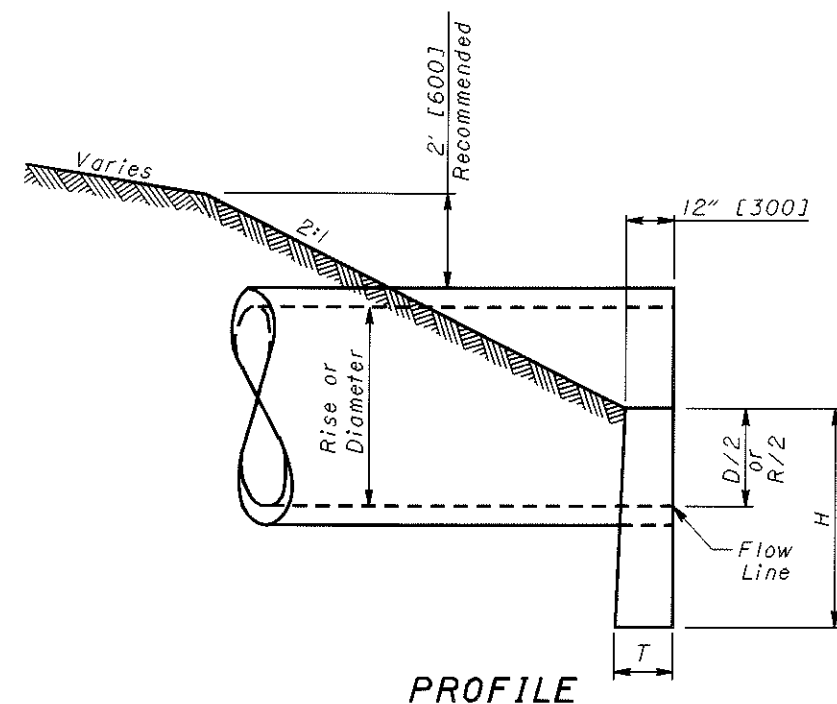
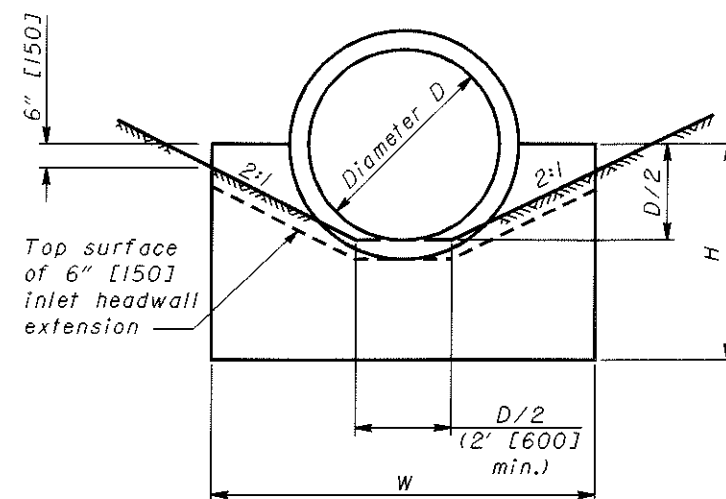
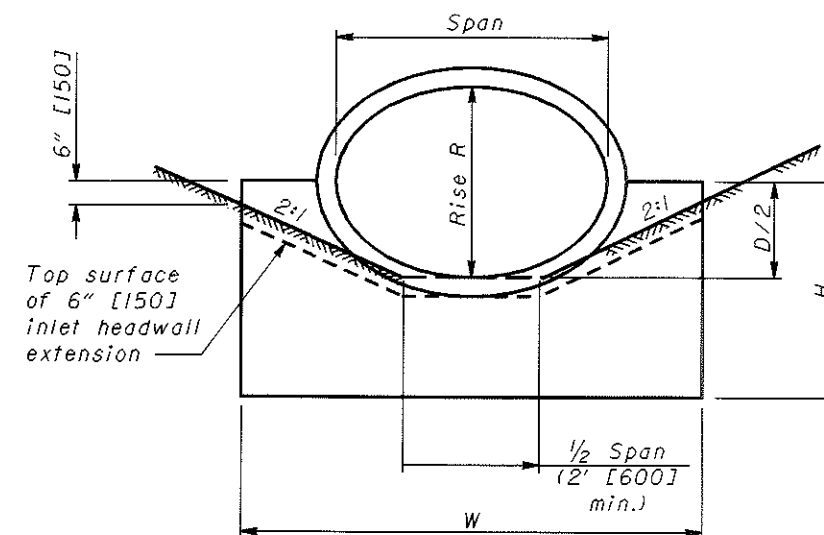




PROFILE



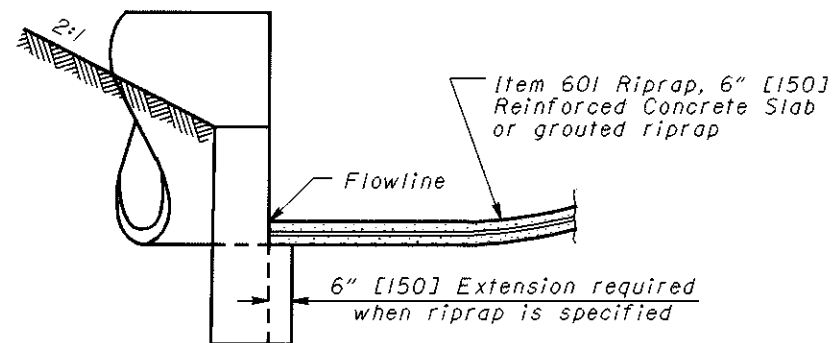
CIRCULAR



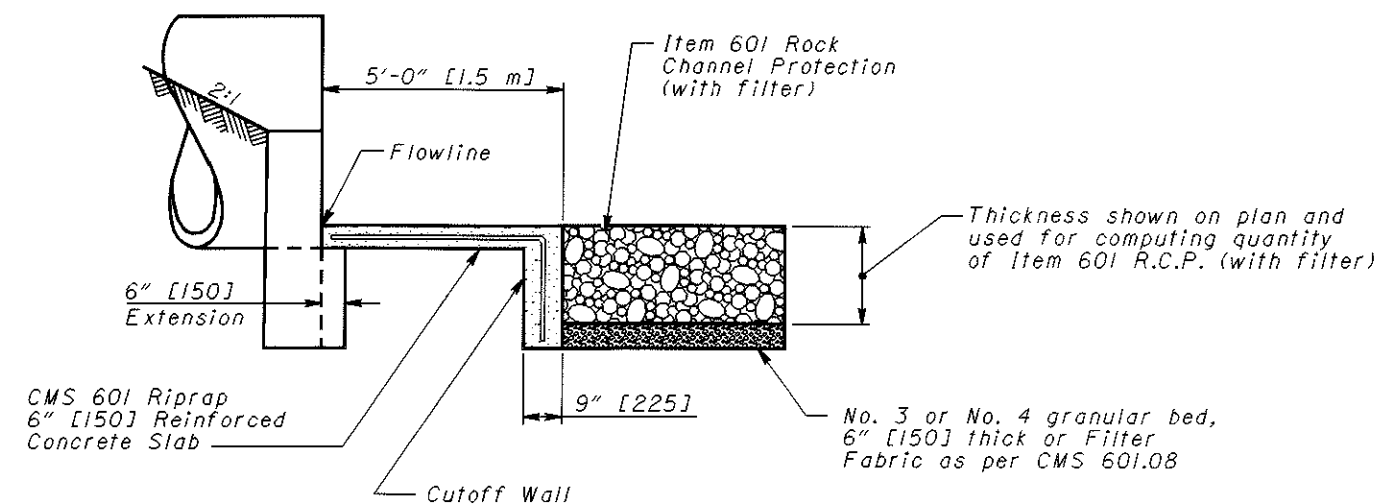
ELLIPTICAL

CONCRETE PIPE

See Sheet 2 of 2 for
Pipe Tables and NOTES.



INLET CHANNEL PROTECTION DETAIL



OUTLET CHANNEL PROTECTION DETAIL

The depth of the riprap cutoff wall (2'-6" [750] min.) shall match the thickness of the rock channel protection shown on the plan plus 6" [150].

THIS DRAWING REPLACES HW-2.2M DATED 7-12-95.

NUMBER
HW-2.2

STANDARD ROADWAY CONSTRUCTION DRAWING
HALF-HEIGHT HEADWALLS
FOR CONCRETE PIPE

ROADWAY
ENGINEERING
SERVICES

All metric dimensions
(in brackets []) are
in millimeters unless
otherwise noted.

STDS. ENGR.
D. Focke
DRAWN
D. Focke

REVISIONS

OHIO DEPARTMENT OF TRANSPORTATION
7-20-01
ROADWAY DESIGN ENGINEER
DATE