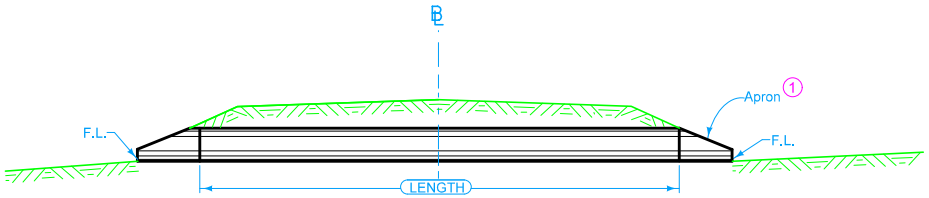
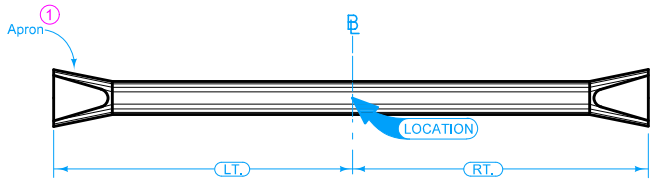
℄ is ℄ of roadway, dike, survey, or other as detailed on plans.

Skew angle is the angle which one end of the pipe is ahead (by stationing) of line perpendicular to the ℄.
(Example: skew Rt. ahead 30 degrees)



SECTION



PLAN

(1) Refer to the following:
DR-201 for circular concrete.
DR-202 for low clearance concrete.
DR-203 for circular metal.
DR-204 for arch metal (metal pipe only).
DR-205 for circular concrete with end wall.
DR-206 for low clearance concrete with end wall.

Possible Tabulation:
104-3

IOWA DOT

REVISION
2 | 04-18-17

STANDARD ROAD PLAN

DR-651

SHEET 1 of 1

REVISIONS: Modified note 1 to include references to additional apron types.

Brian Smith
APPROVED BY DESIGN METHODS ENGINEER

UNCLASSIFIED PIPE CULVERT