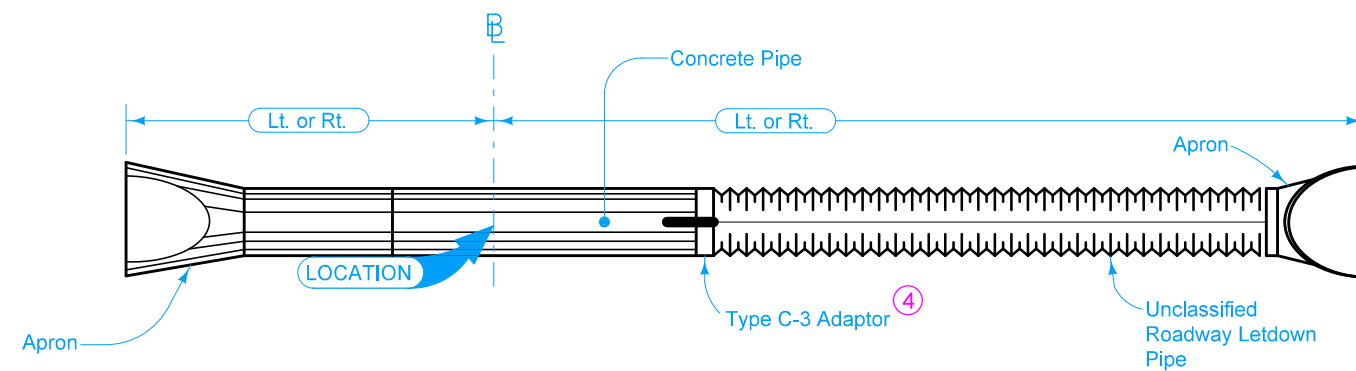


SECTION



PLAN

\mathbb{E} is \mathbb{C} of roadway, dike, survey, or other as detailed on the plans.

Skew angle is the angle which one end of the pipe is ahead (by stationing) of a line perpendicular to the \mathbb{E} .
(Example: skew Rt. ahead 30 degrees)

Standard type joint couplings are required. See Materials I.M. 441.

- (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.
- (2) Optional "D" Section only when specified in tabulation.
- (3) See DR-121
- (4) See DR-122.

Possible Tabulation:
104-3

 STANDARD ROAD PLAN	REVISION	
	1	04-18-17
DR-653		SHEET 1 of 1

REVISIONS: Modified note 1 to include references to additional apron types. Added note 4.

Shawn Miller
APPROVED BY DESIGN METHODS ENGINEER

**UNCLASSIFIED ROADWAY LETDOWN PIPE
WITH METAL APRON**