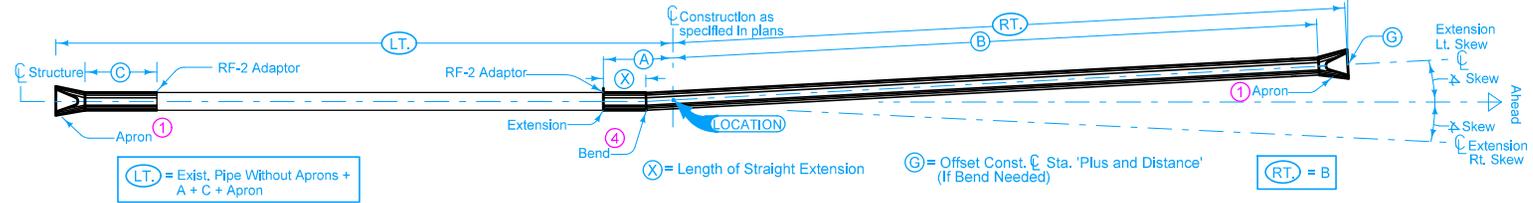
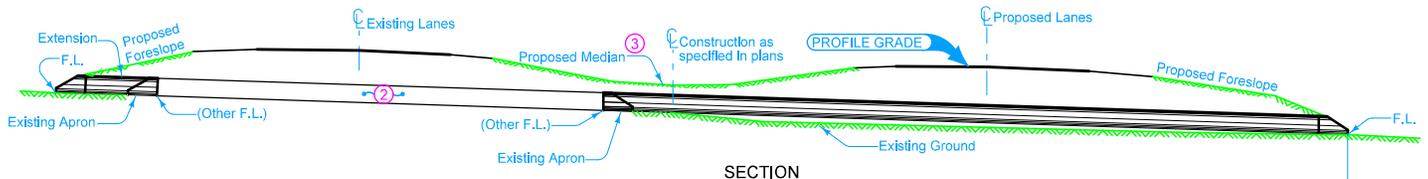


Extend in the direction specified with skew measured from centerline of existing structure. Dimension Rt. or Lt. is measured at \bar{C} of pipe along laying length.

- ① Refer to the following and specify if inlet or outlet:
DR-201 for circular concrete.
DR-202 for low clearance concrete.
DR-205 for circular concrete with end wall.
DR-206 for low clearance concrete with end wall.
- ② Existing structure.
- ③ If less than 12 inch cover over pipe in median, install median pipe and dike.
- ④ Bend may be accomplished by use of Adaptor (**DR-122**), Type "D" Section, or Concrete Elbow (**DR-141**) as specified.



$\bar{L.T.}$ = Exist. Pipe Without Aprons + A + C + Apron

X = Length of Straight Extension

G = Offset Const. \bar{C} Sta. 'Plus and Distance' (if Bend Needed)

$\bar{R.T.}$ = B

A+B+C = Extension Length

PLAN

Possible Tabulation:
104-3

IOWA DOT	REVISION	
	1	04-18-17
STANDARD ROAD PLAN		DR-628
		SHEET 1 of 1
REVISIONS: Modified note 1 to include references to additional apron types.		
 APPROVED BY DESIGN METHODS ENGINEER		
PIPE EXTENSION BOTH ENDS HORIZONTAL BEND (OPTIONAL) - ADDING LANES		