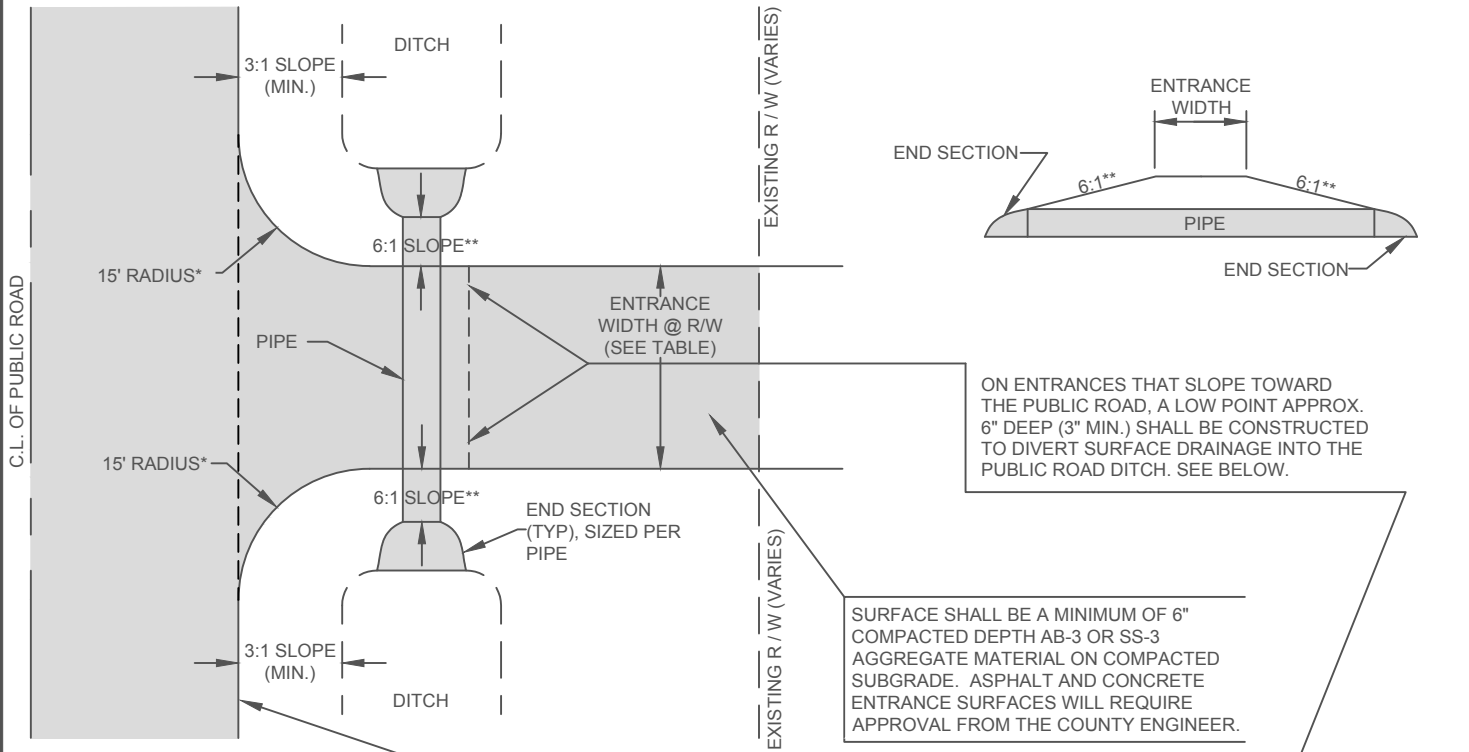


# Typical Entrance Standards and Details



\* OR AS OTHERWISE APPROVED BY THE COUNTY ENGINEER.

\*\* 3:1 ON ROADS CLASSIFIED AS LOCAL.

## CIRCULAR CULVERT PIPE

PIPE SIZE AND LENGTH TO BE DETERMINED BY COUNTY ENGINEER

(2-2/3"x1/2" CORRUGATIONS)

DIA.	GAUGE
12" - 21"	16
24" - 30"	14
36" - 54"	12
60" - 72"	10

(3"x1" CORRUGATIONS)

DIA.	GAUGE
36" - 54"	14
60" - 84"	12

ENTRANCE PIPE MATERIAL MUST BE:  
NEW ALUMINIZED CORRUGATED STEEL PIPE, OR  
NEW TYPE III REINFORCED CONCRETE PIPE.

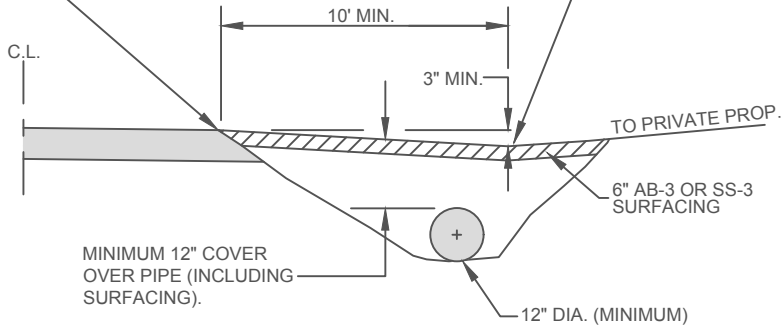
END SECTION MATERIAL MUST BE:  
NEW ALUMINIZED STEEL END SECTIONS, OR  
NEW GALVANIZED STEEL END SECTIONS, OR  
NEW TYPE III REINFORCED CONCRETE.

ARCH CULVERT PIPE MAY BE REQUIRED OR ALLOWED AS AN ALTERNATE. WHEN ARCH PIPE IS APPROVED FOR USE, GAUGE WILL BE SPECIFIED ON PERMIT.

### CONSTRUCTION METHODS

BACKFILL WITH 6" COMPACTED LAYERS, FILLING UNIFORMLY ON BOTH SIDES OF PIPE.

ENTRANCE WIDTH @ RIGHT-OF-WAY		
TYPE	MIN. (FT)	MAX. (FT)
RESIDENTIAL	20	24
FIELD	20	30
COMMERCIAL	30	40
SHARED (SEE ALSO EXHIBIT 9-202-2d)	30	40

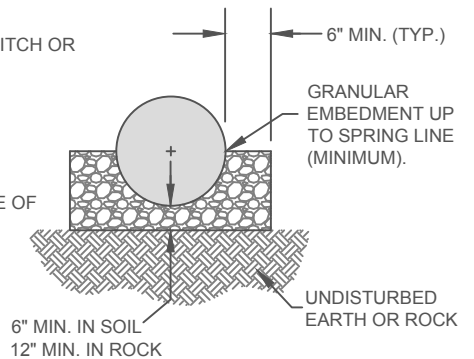


## DETAILS

PIPE SLOPE: MATCH SLOPE OF DITCH OR AS SPECIFIED IN THE PERMIT



ALL PIPES MUST BE NEW AT TIME OF PLACEMENT.



## Douglas County Public Works

3755 E. 25th Street  
LAWRENCE, KANSAS 66046

STANDARDS FOR TYPICAL RESIDENTIAL,  
FIELD, COMMERCIAL, AND SHARED ENTRANCES