

DESIGNER NOTES: 1. Use with District CADD Standards: Slope Drains, Buried Pipe and/or Slope Drains - Exposed Pipe

MODEL: D4-601301
FILE NAME: c:\pw_work\pwtol\illinois.gov\td1055944\D4-601301.dgn

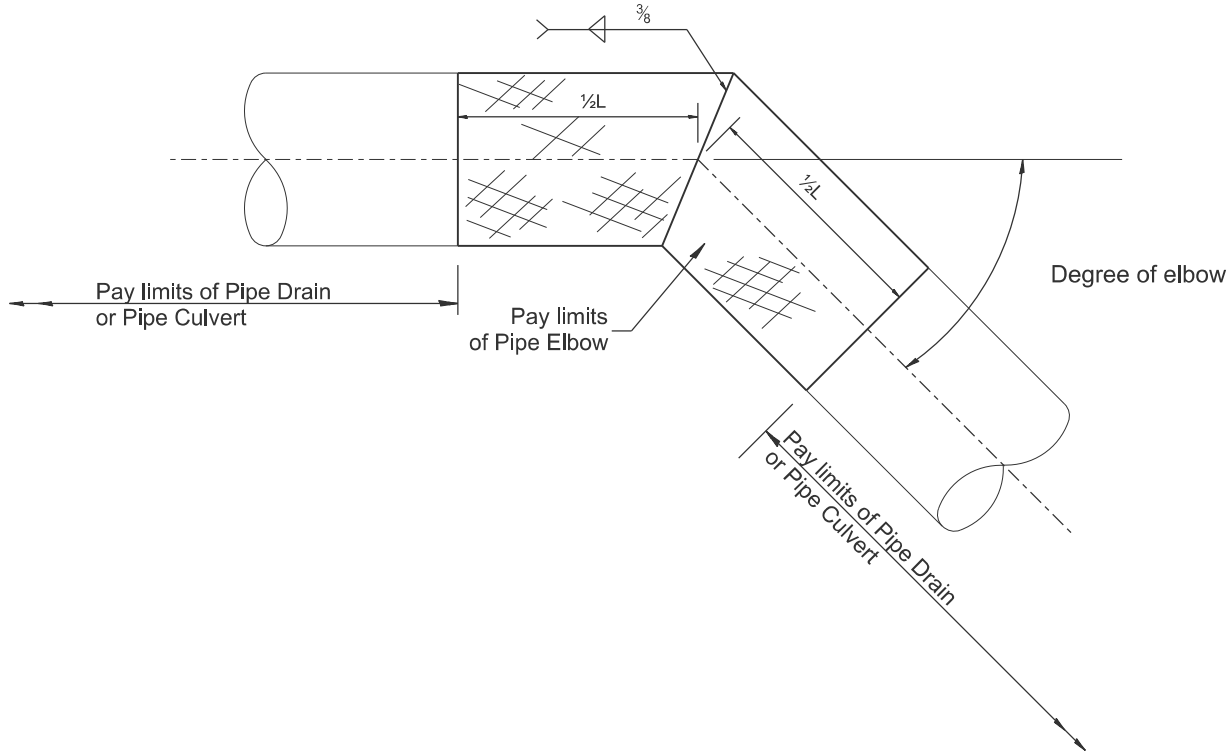
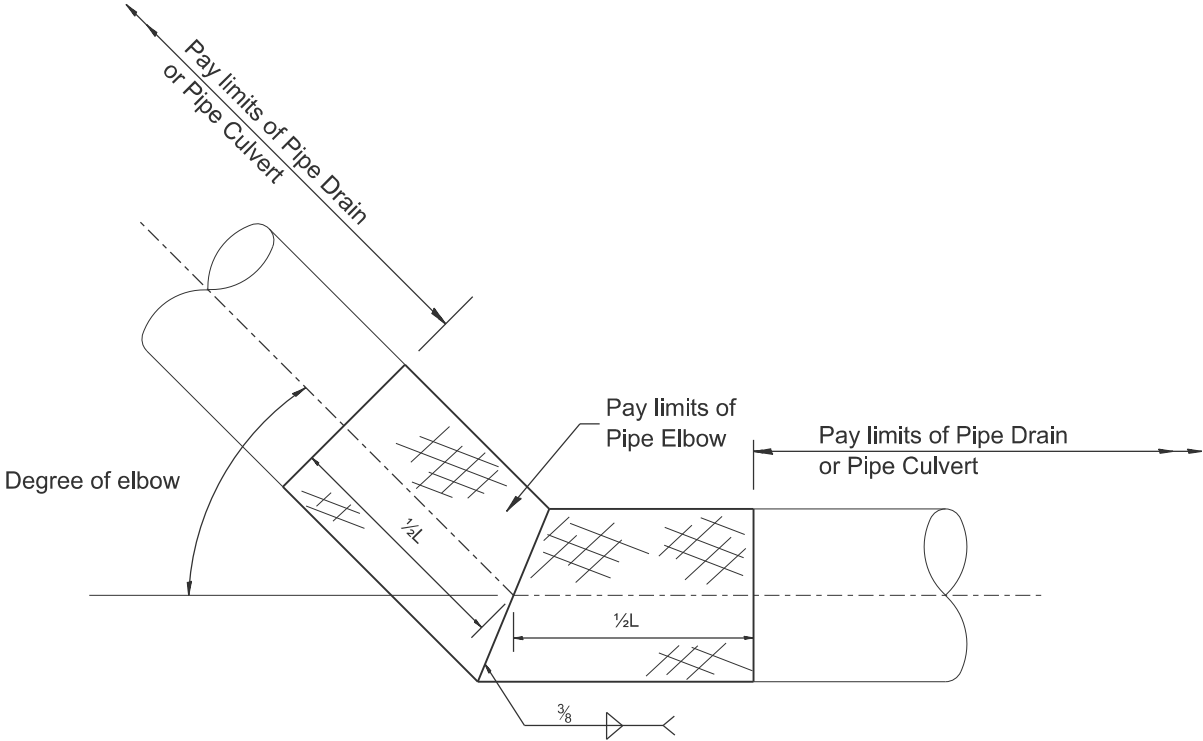


TABLE A		
ELBOW DESIGN CONTROLS		
PIPE DIAMETER	L = Pay limits of Pipe Elbow and minimum length of pipe required for fabrication	
	DEGREE OF ELBOW ≤ 45°	DEGREE OF ELBOW ≥ 46°
12	24	4'
15	24	4'
18	24	4'
21	24	4'
24	4'	4'
30	4'	6'
36	4'	6'

TABLE B	
ELBOW DESIGN CONTROLS	
EARTH SLOPE (V:H)	DEGREE OF ELBOW *
1:6	9°
1:4	14°
1:3	18°
1:2	26°
1:1	33°

* Approximate - based upon 0.5% inlet and outlet flowlines.



All dimensions are in inches unless otherwise noted.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				0
DISTRICT 4 DETAIL NO. 601301		CONTRACT NO.		
ILLINOIS		FED. AID PROJECT		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PIPE ELBOW

SCALE: NOT TO SCALE SHEET 000 OF SHEETS STA. TO STA.