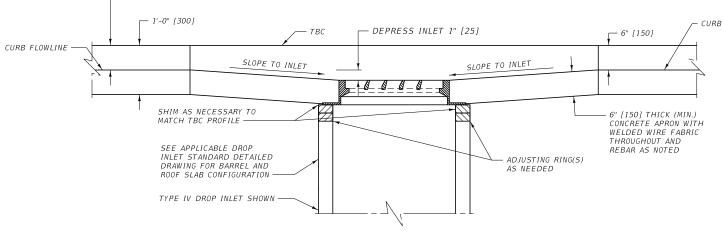
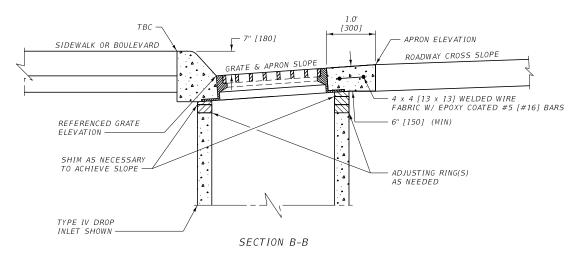


- 6" [150]



SECTION A-A



Ľ	ROP INLET T	YPE I, III, V	,VI
ROADWAY % CROSS SLOPE*	APRON ELEV. BELOW TOP BACK OF CURB		GRATE & APRON SLOPE %
	FT	m	SECTE 70
0	0.45	0.137	3.31
0.5	0.44	0.134	3.63
1.0	0.43	0.131	3.96
1.5	0.41	0.125	4.28
2.0	0.40	0.122	4.60
2.5	0.39	0.119	4.93
3.0	0.37	0.113	5.25
3.5	0.36	0.110	5.57
4.0	0.35	0.107	5.90
4.5	0.34	0.104	6.22

\* SEE CROSS SECTIONS FOR CROSS SLOPES ON STREET.

DROP INLET TYPE IV					
ROADWAY % CROSS SLOPE*	APRON ELEV. BELOW TOP BACK OF CURB		GRATE & APRON SLOPE %		
	FT	т	32012 70		
0	0.45	0.137	4.07		
0.5	0.44	0.134	4.38		
1.0	0.43	0.131	4.68		
1.5	0.42	0.128	5.00		
2.0	0.41	0.125	5.29		
2.5	0.40	0.122	5.59		
3.0	0.39	0.119	5.90		
3.5	0.38	0.116	6.20		
4.0	0.37	0.113	6.50		
4.5	0.36	0.110	6.81		

\* SEE CROSS SECTIONS FOR CROSS SLOPES ON STREET.



INLET TYPE		LENGTH	
		FT	mm
TYPE IV	Х	3'-0"	925
	Y	3'-11 1/2"	1200
TYPE I, III, V, VI	Х	3'-7"	1100
	Y	4'-6 7/8"	1400

- CURB FLOWLINE

NOTES:

ALL CONCRETE IS CLASS GENERAL OR APPROVED EQUAL.

SHIM DROP INLET FRAME TO MATCH TBC PROFILE AND GRATE APRON SLOPE SHOWN IN THE TABLES. FILL SPACE BETWEEN GRATE AND ADJUSTING RING WITH CLASS GENERAL CONCRETE.

THE REFERENCED GRATE ELEVATION IS 1" LOWER THAN THE CURB FLOWLINE ELEVATION.

THE COST OF THE DROP INLET APRON IS INCLUDED IN THE UNIT PRICE BID FOR THE DROP INLET.

UNITS SHOWN IN BRACKETS [] ARE METRIC AND ARE IN MILLIMETERS (mm) UNLESS OTHER UNITS ARE SHOWN.				
	DETAILED DRAWING			
	REFERENCE	DWG. NO.		
	STANDARD SPEC. SECTION 609	609-07		
	DROP INLET APRONS			
REVISED	EFFECTIVE: SEPTEMBER 2014			
JULY 2016	MDTA MON	TANA DEPARTMENT TRANSPORTATION		

