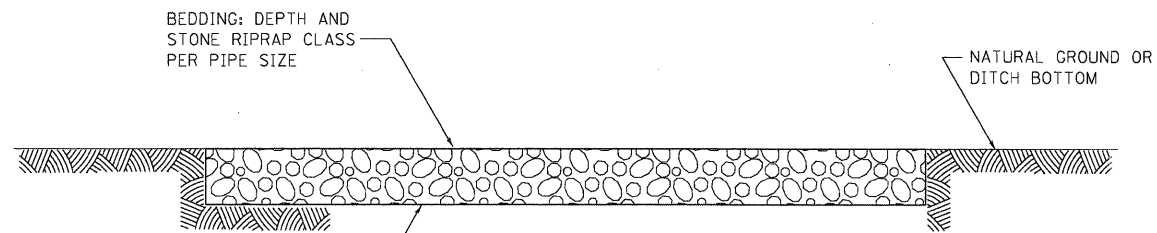


PLAN

RIPRAP APRON  
N.T.S.



SECTION A-A

PIPE DIAMETER (IN)	IDOT RIPRAP GRADATION	H BED THICKNESS (IN)	La APRON LENGTH (FT)	W1 APRON WIDTH UPSTREAM (FT)	W2 APRON WIDTH DOWNSTREAM (FT)
12	RR-3	15	12	5.0	11.0
15	RR-3	15	14	5.0	12.0
18	RR-3	15	16	5.5	13.5
24	RR-4	20	20	6.0	16.0

CATCH BASINS TO BE ADJUSTED

STRUCTURE ID	STATION	OFFSET	DIRECTION	PHASE 1 ELEVATION (FT)	FINAL ELEVATION (FT)
777	308+60.22	37.8	LT	824.95	824.66
779	309+15.00	45.7	LT	825.15	824.41
786	306+49.99	35.0	LT	824.06	825.50
788	305+60.04	35.0	LT	823.60	823.71
793	304+65.03	30.1	LT	822.96	823.11
795	303+70.03	30.7	LT	822.62	822.51
796	303+50.59	42.0	LT	822.41	822.16
800	302+79.00	34.3	LT	822.94	822.47

MANHOLES TO BE ADJUSTED

STRUCTURE ID	STATION	OFFSET	DIRECTION	EXISTING/ PHASE 1 ELEVATION (FT)	FINAL ELEVATION (FT)
776	308+70.08	28.0	LT	825.14	824.93
778	308+28.21	28.0	LT	825.06	825.14
785	306+49.99	28.0	LT	824.16	824.71
787	305+60.03	28.0	LT	823.71	823.97
792	304+64.99	22.5	LT	823.07	823.38
794	303+36.00	21.5	LT	822.83	822.60
EX STRUCTURE	308+83.44	23.5	RT	825.47	824.83
EX STRUCTURE	306+55.98	22.6	RT	824.61	824.75
EX STRUCTURE	63+02.57	36.2	LT	827.00	826.14
EX STRUCTURE	65+44.59	35.8	LT	826.40	826.25

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