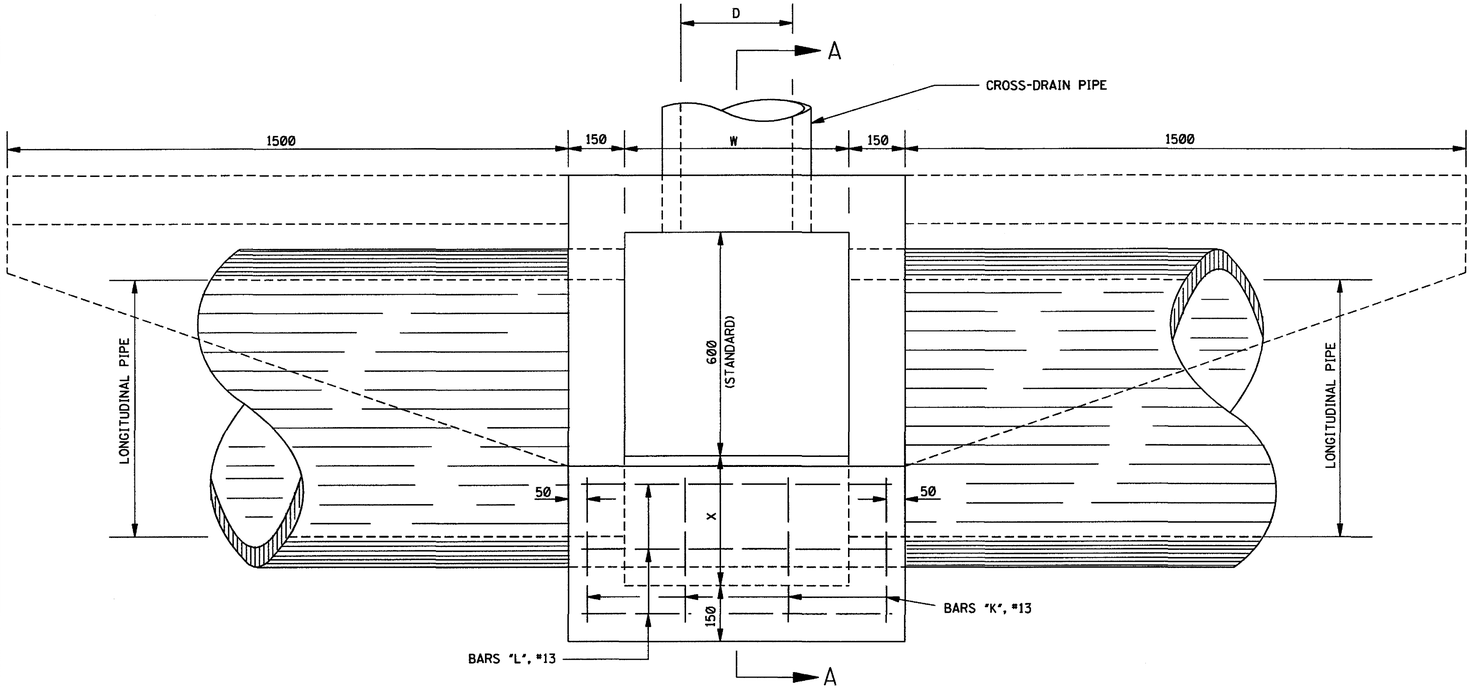
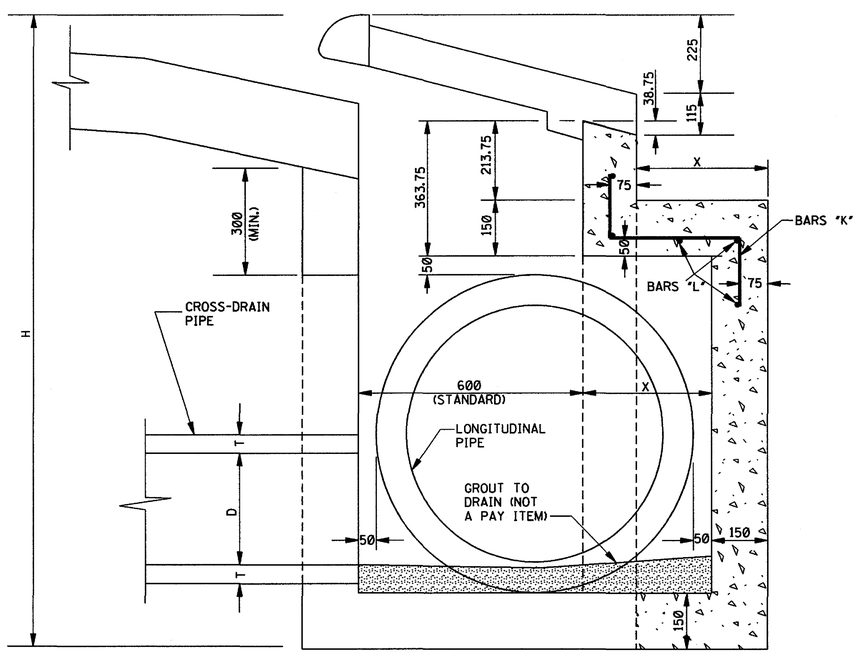
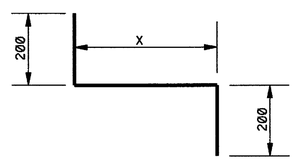
STATE	PROJECT NO.
MISS.	



PLAN



SECTION A–A



BARS "K", #13

DIMENSIONS					QUANTITIES					ADDITIONAL STEEL IN MODIFIED INLETS			
MIN. HEIGHT H (mm)	WALL THICK T (mm)	DIA. OF PIPE D (mm)	W (mm)	X (mm)	MIN. DEPTH		EACH ADDED METER OF DEPTH		DEDUCT FOR EACH PIPE OPENING (m^3)	BARS "K"		BARS "L"	
					CONCRETE (m^3)	STEEL (kg)	CONCRETE (m^3)	STEEL (kg)		NO.	LENGTH	NO.	LENGTH
600-mm LONGITUDINAL DRAIN													
1615	57	375	600	225	1.28	75.4	0.518	NONE	0.026	5	625	5	800
1615	63	450	600	225	1.28	75.4	0.518	NONE	0.036	5	625	5	800
1615	75	600	825	225	1.41	80.4	0.586	NONE	0.062	6	625	5	1025
1791	88	750	975	225	1.63	83.0	0.629	NONE	0.098	6	625	5	1175
1965	100	900	1150	225	1.86	87.5	0.683	NONE	0.136	7	625	5	1350
2315	125	1200	1500	225	2.39	96.9	0.787	NONE	0.239	9	625	5	1700
750-mm LONGITUDINAL DRAIN													
1791	57	375	600	415	1.47	76.3	0.573	NONE	0.026	5	815	5	800
1791	63	450	600	415	1.47	76.3	0.573	NONE	0.036	5	815	5	800
1791	75	600	825	415	1.64	81.3	0.642	NONE	0.062	6	815	5	1025
1791	88	750	975	415	1.75	84.4	0.688	NONE	0.098	6	815	5	1175
1965	100	900	1150	415	2.00	88.8	0.739	NONE	0.136	7	815	5	1350
2315	125	1200	1500	415	2.57	98.7	0.843	NONE	0.239	9	815	5	1700
900-mm LONGITUDINAL DRAIN													
1965	57	375	600	575	1.67	77.7	0.622	NONE	0.026	5	975	6	800
1965	63	450	600	575	1.67	77.7	0.622	NONE	0.036	5	975	6	800
1965	75	600	825	575	1.86	83.5	0.690	NONE	0.062	6	975	6	1025
1965	88	750	975	575	1.98	86.6	0.736	NONE	0.098	6	975	6	1175
1965	100	900	1150	575	2.13	91.5	0.787	NONE	0.136	7	975	6	1350
2315	125	1200	1500	575	2.73	101.8	0.892	NONE	0.239	9	975	6	1700
1200-mm LONGITUDINAL DRAIN													
2315	57	375	600	925	2.14	81.3	0.727	NONE	0.026	5	1325	8	800
2315	63	450	600	925	2.14	81.3	0.727	NONE	0.036	5	1325	8	800
2315	75	600	825	925	2.37	87.5	0.795	NONE	0.062	6	1325	8	1025
2315	88	750	975	925	2.53	91.1	0.841	NONE	0.098	6	1325	8	1175
2315	100	900	1150	925	2.71	96.4	0.892	NONE	0.136	7	1325	8	1350
2315	125	1200	1500	925	3.08	108.5	0.996	NONE	0.239	9	1325	8	1700

GENERAL NOTES:

1. PLAN SHOWN HEREON IS A MODIFICATION OF AND ADAPTABLE TO SPECIAL DESIGN INLET TYPE SS-1.
2. FOR INLET DETAILS NOT SHOWN HEREON REFER TO SHEET SS-1.
3. QUANTITIES SHOWN ARE FOR USE WITH 150-mm, 200-mm OR 230-mm UNIFORM CONCRETE PAVEMENT. WHERE COMBINATION CONCRETE CURB AND GUTTER IS USED, THE CLASS "B" CONCRETE QUANTITIES SHALL BE INCREASED BY 0.097 m^3/m OF GUTTER LENGTH (3 + W + 0.3) IN METERS.
4. QUANTITIES SHOWN ARE TO BE REDUCED BY VOLUME DISPLACEMENT IN CONCRETE FOR EACH PIPE OPENING AND WILL BE USED AS BASIS FOR FINAL PAYMENT FOR INLETS CONSTRUCTED AS PER SCHEDULE OF PIPE SIZES IN ABOVE TABULATION.
5. THE STANDARD SPECIFICATIONS ADOPTED BY THE MISSISSIPPI DEPARTMENT OF TRANSPORTATION SHALL APPLY TO ALL ITEMS ON THIS SHEET.

ALL DIMENSIONS ARE IN MILLIMETERS (mm) EXCEPT WHERE NOTED.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

STORM SEWER INLET
TYPE SS-1B
(LONGITUDINAL DRAINAGE)

DEPARTMENT OF TRANSPORTATION MISSISSIPPI METRIC

WORKING NUMBER SS-1B

SHEET NUMBER 321

REVISION | BY | DATE

ISSUE DATE: OCTOBER 1, 1998