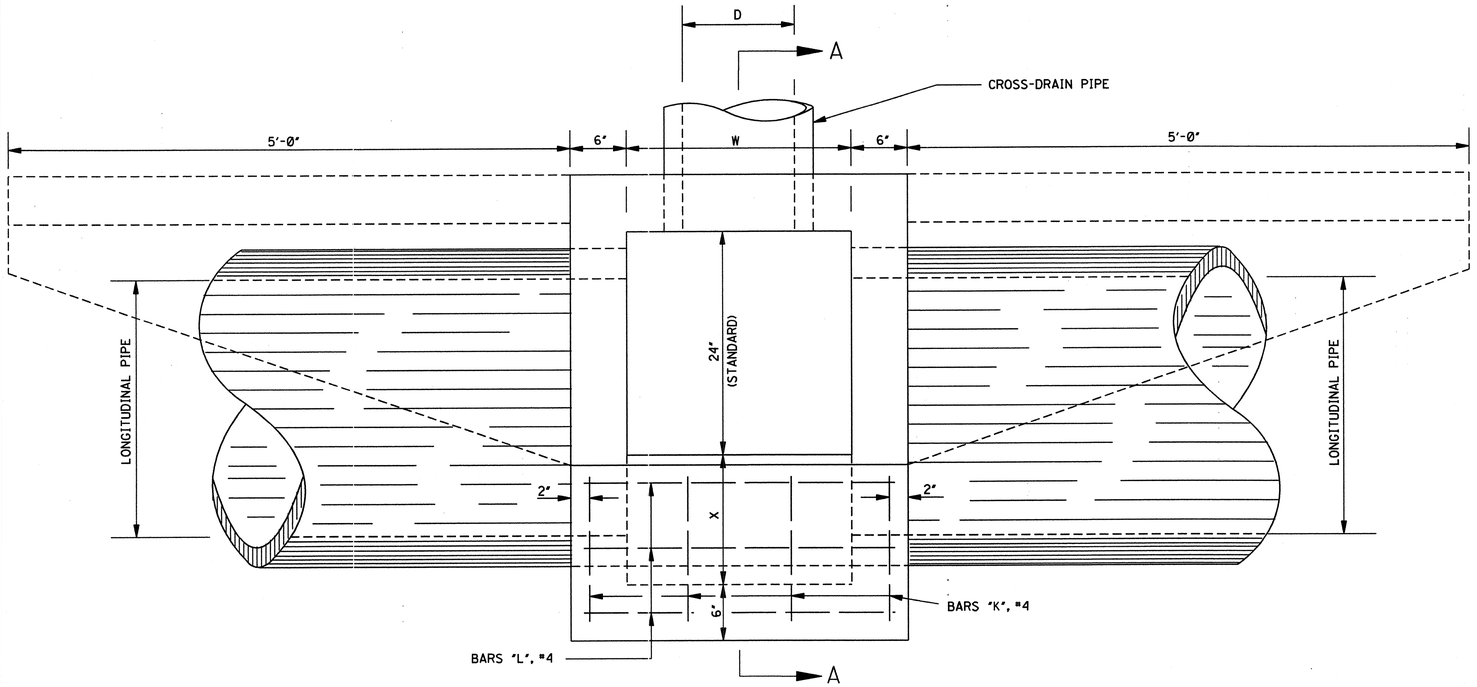
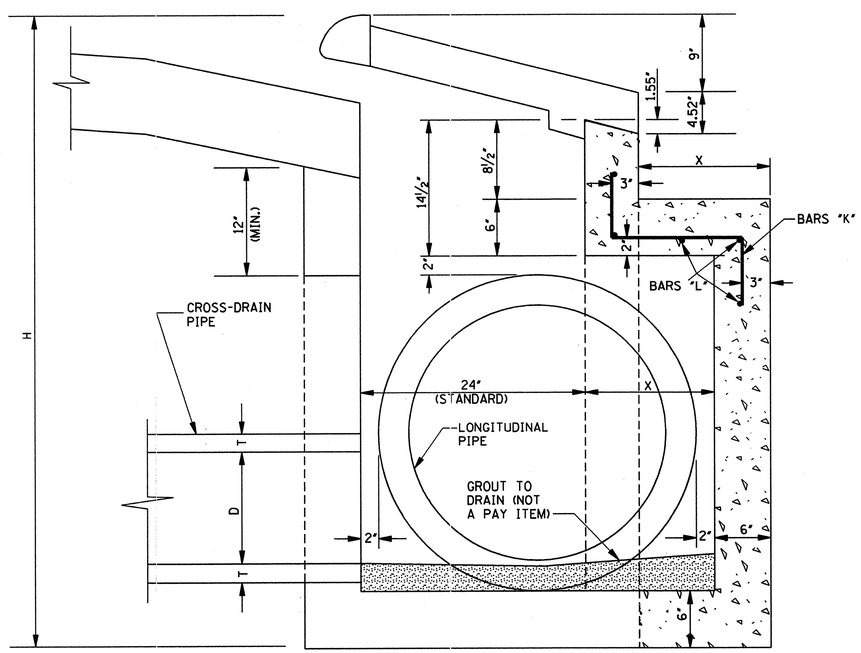
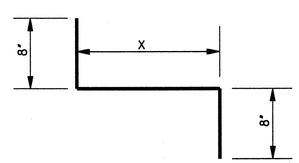
STATE	PROJECT NO.
MISS.	



PLAN



SECTION A–A



BARS "K", #4

DIMENSIONS					QUANTITIES					ADDITIONAL STEEL IN MODIFIED INLETS			
MIN. HEIGHT H (ft)	WALL THICK T (in)	DIA. OF PIPE D (in)	W (ft-in)	X (in)	MIN. DEPTH CONCRETE (yd^3)	MIN. DEPTH STEEL (lbs)	EACH ADDED FOOT OF DEPTH CONCRETE (yd^3)	EACH ADDED FOOT OF DEPTH STEEL (lbs)	DEDUCT FOR EACH PIPE OPENING (yd^3)	BARS "K" NO.	BARS "K" LENGTH	BARS "L" NO.	BARS "L" LENGTH
24" LONGITUDINAL DRAIN													
5.29'	2¼"	15"	2'-0"	9"	1.75	169	0.213	NONE	0.036	5	2'-1"	5	2'-8"
5.29'	2½"	18"	2'-0"	9"	1.75	169	0.213	NONE	0.049	5	2'-1"	5	2'-8"
5.29'	3"	24"	2'-9"	9"	1.94	180	0.241	NONE	0.085	6	2'-1"	5	3'-5"
5.92'	3½"	30"	3'-3"	9"	2.23	186	0.259	NONE	0.135	6	2'-1"	5	3'-11"
6.46'	4"	36"	3'-10"	9"	2.55	196	0.281	NONE	0.187	7	2'-1"	5	4'-6"
7.63'	5"	48"	5'-0"	9"	3.28	217	0.324	NONE	0.328	9	2'-1"	5	5'-8"
30" LONGITUDINAL DRAIN													
5.92'	2¼"	15"	2'-0"	16½"	2.02	171	0.236	NONE	0.036	5	2'-8½"	5	2'-8"
5.92'	2½"	18"	2'-0"	16½"	2.02	171	0.236	NONE	0.049	5	2'-8½"	5	2'-8"
5.92'	3"	24"	2'-9"	16½"	2.25	182	0.264	NONE	0.085	6	2'-8½"	5	3'-5"
5.92'	3½"	30"	3'-3"	16½"	2.40	189	0.283	NONE	0.135	6	2'-8½"	5	3'-11"
6.46'	4"	36"	3'-10"	16½"	2.75	199	0.304	NONE	0.187	7	2'-8½"	5	4'-6"
7.63'	5"	48"	5'-0"	16½"	3.53	221	0.347	NONE	0.328	9	2'-8½"	5	5'-8"
36" LONGITUDINAL DRAIN													
6.46'	2¼"	15"	2'-0"	23"	2.29	174	0.256	NONE	0.036	5	3'-3"	6	2'-8"
6.46'	2½"	18"	2'-0"	23"	2.29	174	0.256	NONE	0.049	5	3'-3"	6	2'-8"
6.46'	3"	24"	2'-9"	23"	2.55	187	0.284	NONE	0.085	6	3'-3"	6	3'-5"
6.46'	3½"	30"	3'-3"	23"	2.72	194	0.303	NONE	0.135	6	3'-3"	6	3'-11"
6.46'	4"	36"	3'-10"	23"	2.92	205	0.324	NONE	0.187	7	3'-3"	6	4'-6"
7.63'	5"	48"	5'-0"	23"	3.75	228	0.367	NONE	0.328	9	3'-3"	6	5'-8"
48" LONGITUDINAL DRAIN													
7.63'	2¼"	15"	2'-0"	37"	2.93	182	0.299	NONE	0.036	5	4'-5"	8	2'-8"
7.63'	2½"	18"	2'-0"	37"	2.93	182	0.299	NONE	0.049	5	4'-5"	8	2'-8"
7.63'	3"	24"	2'-9"	37"	3.25	196	0.327	NONE	0.085	6	4'-5"	8	3'-5"
7.63'	3½"	30"	3'-3"	37"	3.47	204	0.346	NONE	0.135	6	4'-5"	8	3'-11"
7.63'	4"	36"	3'-10"	37"	3.72	216	0.367	NONE	0.187	7	4'-5"	8	4'-6"
7.63'	5"	48"	5'-0"	37"	4.22	243	0.410	NONE	0.328	9	4'-5"	8	5'-8"

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 6", 8" OR 9" UNIFORM CONCRETE PAVEMENT. WHERE COMBINATION CONCRETE CURB AND GUTTER IS USED, THE CLASS "B" CONCRETE QUANTITIES SHALL BE INCREASED BY 0.040 yd^3/ft OF GUTTER LENGTH (10'-0" + W + 1'-0") IN FEET.
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.

DATE	REVISION	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

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

ENGLISH

WORKING NUMBER SS-1B

ISSUE DATE: OCTOBER 1, 1998

SHEET NUMBER 321