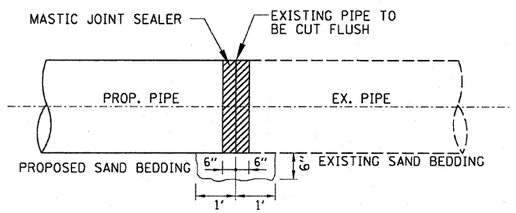

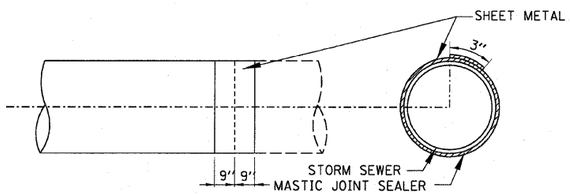

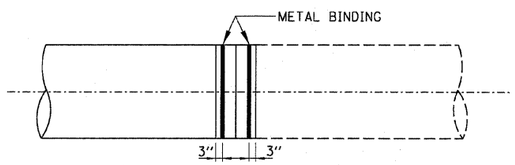

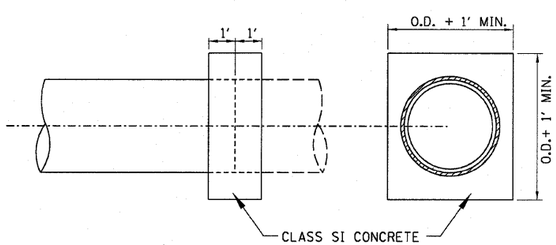

CONCRETE COLLAR

DRAINAGE STRUCTURES

NO.	STATION	OFFSET	PAY ITEM	RIM (FT.)	NW INVERT (FT.)	NE INVERT (FT.)	SE INVERT (FT.)	SW INVERT (FT.)	N INVERT (FT.)	S INVERT (FT.)	E INVERT (FT.)	W INVERT (FT.)	COMMENTS
PEDESTRIAN BRIDGE													
S700	10+03.63	35.9' RT	CB TA 4 DIA T1F OL	413.76	-	-	409.09	-	-	-	-	-	
S 701	9+77.07	23.8' RT	MAN TA 5 DIA T1F CL	414.36	408.82	407.63	-	-	-	407.81	-	408.23	
S 200	10+66.07	0	18 LF TRENCH DRAIN	415.55	-	-	-	-	-	-	-	-	
S 201	11+01.07	0	12 LF TRENCH DRAIN	417.95	-	-	-	-	-	-	-	-	
S 202	11+36.07	0	12 LF TRENCH DRAIN	420.35	-	-	-	-	-	-	-	-	
S 203	11+71.07	0	12 LF TRENCH DRAIN	422.75	-	-	-	-	-	-	-	-	
S 204	12+27.94	0	39 LF TRENCH DRAIN	425.15	-	-	-	-	-	-	-	-	
S 205	-	*	6 LF TRENCH DRAIN	426.93	-	-	-	-	-	-	-	-	SEE PLAN VIEW FOR STA & O/S
S 205A	12+85.93	7.8' LT	6 LF TRENCH DRAIN	426.93									
S 206	10+16.32	0	CB TA 4 DIA T8G	412.45		-	408.78	-	-	-	-	-	
PEDESTRIAN BRIDGE													
S 207	21+31.81	0	12 LF TRENCH DRAIN	431.98	-	-	-	-	-	-	-	-	
S 208	21+66.81	0	12 LF TRENCH DRAIN	429.58	-	-	-	-	-	-	-	-	
S 209	22+01.81	0	12 LFTRENCH DRAIN	427.18	-	-	-	-	-	-	-	-	
S 210	22+36.81	0	12 LF TRENCH DRAIN	424.78	-	-	-	-	-	-	-	-	
S 211	23+00.12	0	12 LF TRENCH DRAIN	422.05	-	-	-	-	-	-	-	-	
S 212	23+35.12	0	12 LF TRENCH DRAIN	419.64	-	-	-	-	-	-	-	-	
S 213	23+70.12	0	12 LF TRENCH DRAIN	417.25	-	-	-	-	-	-	-	-	
S 214	23+90.11	0	12 LF TRENCH DRAIN	416.05	-	-	-	-	-	-	-	-	
S 215	23+98.00	29.0' LT	PRC FLAR END SEC 12	-	-	-	-	413.00	-	-	-	-	
S 216	23+98.00	16.2' RT	PRC FLAR END SEC 12	-	-	413.42	-	-	-	-	-	-	
64EB STATIONING													
S 300	44+85.00	21.4' LT	MAN TA 7 DIA T1F CL	393.75	386.53	-	-	386.53	-	-	-	-	
S 301	44+98.00	5.9' LT	MAN TA 7 DIA T1F CL	394.00	-	386.56	386.56	-	-	-	-	-	
S 302	45+40.00	6.7' LT	MAN TA 7 DIA T1F CL	393.62	386.65	-	-	-	389.95	-	386.65	-	NORTH 8" INVERT TIES INTO THE STRUCTURAL DRAINAGE SYSTEM FOR PIER 6
S 303	45+52.00	22.0' LT	MAN TA 7 DIA T1F CL	393.29	-	-	386.68	-	-	-	-	386.68	

DRAINAGE PIPES

PIPE NO.	UP STREAM STR. NO.	UP STREAM INVERT	DOWN STREAM STR. NO.	DOWN STREAM INVERT	PIPE LENGTH (FEET)	PIPE DIA. (INCHES)	PIPE SLOPE (%)	PAY ITEM DESCRIPTION	TRENCH BACKFILL (CU YD)
PEDESTRIAN BRIDGE									
P700	S700	409.09	S701	408.82	27	12	1.00%	STORM SEW CL A 2 12	8
P701	S701	407.63	EX	407.56	7	18	1.00%	STORM SEW CL A 2 18	5
P702	EX	407.88	S701	407.81	7	12	1.00%	STORM SEW CL A 2 12	5
P 206	S 206	408.78	S 701	408.23	55	12	1.00%	STORM SEW CL A 2 12	15
P 215	S 216	413.42	S 215	413.00	42	12	1.00%	STORM SEW CL A 2 12	0
I-64 SYSTEM									
P 301	S 301	386.56	S 300	386.53	12	54	0.25%	STORM SEW CL A 2 54	6
P 302	S 302	386.65	S 301	386.56	35	54	0.25%	STORM SEW CL A 2 54	16
P 303	S 303	386.68	S 302	386.65	12	54	0.25%	STORM SEW CL A 2 54	3

CONCRETE COLLAR

CONSTRUCTION SEQUENCE

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 1' X 6" DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT SHEET METAL GAGE 19 OR GEOTEXTILE FABRIC CLASS B, 1.5' WIDE AND THE LENGTH OF THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 3" LONG.
5. WRAP THE SHEET METAL OR GEOTEXTILE FABRIC CLASS B AROUND THE PIPES, 9" ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL OR GEOTEXTILE FABRIC CLASS B, AT LEAST 3" AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOZES OUT FROM BETWEEN THE SHEET METAL OR GEOTEXTILE FABRIC CLASS B AND THE PIPES.
9. PLACE CONCRETE AROUND THE JOINT.

GENERAL NOTES:

1. WHEN THE CONNECTION LOCATION SHOWN ON THE PLANS IS WITHIN 2' OF AN EXISTING JOINT, GO TO THE EXISTING JOINT.
2. CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE PIPE. ALL DEBRIS THAT ENTERS THE PIPE MUST BE REMOVED. THE PIPE MUST BE LEFT CLEAN AND UNOBSTUCTED UPON COMPLETION OF THE CONTRACT.
3. CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE FROM PROJECTING INTO THE EXISTING PIPE.