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SUPERVISED BY G.T. ROGERSON, JR. (VDOT)
DESIGNED BY MATTHEW & CRAIG - (MICHAEL S. AGEE)

DESIGN FEATURES RELATING TO CONSTRUCTION
OR TO REGULATION AND CONTROL OF TRAFFIC
MAY BE SUBJECT TO CHANGE AS DEEMED
NECESSARY BY THE DEPARTMENT.

REVISED	FHWA REGION	STATE	FEDERAL AID PROJECT	ROUTE	STATE PROJECT	SHEET NO.
11-27-95	3	VA.			U000-128-116, RW-201 C-501	2H (2)

DRAINAGE TABULATION																
STRUCTURE NO.	STATION	LOCATION	TYPE	LENGTH	INV	H OR D	REMARKS	FROM POINT	TO POINT	PIPE IN	LENGTH FT.	INV IN	INV OUT	SLOPE %	HEIGHT OF COVER	REMARKS
6-46	31+14	2ND. ST. RT.	DI-4BB	10'	935.07	16.74'	STD. SL-1 REQD.	6-46	5-42	36"	179'	935.07	934.17	0.50	16.5'	
6-41	31+25	2ND. ST. RT.	DI-7A	-	942.00	4.00'	GRATE A TYPE III REQD.	6-41	6-46	15"	22'	942.00	941.89	0.50	8.5'	
6-34	32+25	2ND. ST. RT.	DI-4CC	8'	935.62	14.65'	STD. SL-1 REQD.	6-34	6-46	36"	110'	935.62	935.07	0.50	14.0'	
6-35	10+17	HARRISON A. RT.	MH-1 or 2	-	936.50	13.31'	STD. SL-1 REQD.	6-35	6-34	30"	76'	936.50	936.12	0.50	12.0'	
6-38	10+22	HARRISON A. RT.	DI-7B	-	943.00	2.50'	GRATE A TYPE III REQD.	6-38	6-35	15"	19'	943.00	942.91	0.50	6.0'	
6-29	32+63	2ND. ST. LT.	DI-3B	6'	943.58	7.79'		6-29	6-38	15"	29'	943.58	943.00	2.00	7.0'	
6-39	10+10	HARRISON A. LT.	DI-7B	-	941.50	2.50'	GRATE A TYPE III REQD.	6-39	6-40	15"	33'	941.50	941.34	0.50	9.0'	
6-40	31+57	2ND. ST. LT.	DI-3BB	4'	941.34	10.35'		6-40	6-46	15"	67'	941.34	941.01	0.50	8.5'	
6-36	11+00	HARRISON A. RT.	DI-3C	12'	941.30	5.23'		6-36	6-35	30"	83'	941.30	940.89	0.50	6.0'	
6-115	11+32	HARRISON A. RT.	DI-3B	14'	942.40	4.67'		6-115	6-36	24"	32'	942.40	941.80	1.88	3.0'	
6-37	11+00	HARRISON A. LT.	DI-3C	14'	941.97	4.67'		6-37	6-36	24"	34'	941.97	941.80	0.50	3.0'	
6-114	11+32	HARRISON A. LT.	DI-3B	20'	942.21	4.67'		6-114	6-37	24"	32'	942.21	941.97	0.75	2.5'	
6-32	33+01	2ND. ST. RT.	DI-3B	10'	944.23	5.83'		6-32	6-34	15"	77'	944.23	942.69	2.00	6.5'	
6-33	33+03	2ND. ST. RT.	DI-7A	-	944.30	4.10'	GRATE A TYPE III REQD.	6-33	6-32	15"	15'	944.30	944.23	0.50	3.0'	
6-30	35+03	2ND. ST. RT.	DI-3B	14'	952.59	4.09'		6-30	6-32	15"	195'	952.59	947.00	2.87	3.0'	
6-31	35+31	2ND. ST. LT.	DI-3B	10'	953.87	3.92'	GRATE A TYPE III REQD.	6-31	6-30	15"	59'	953.87	952.59	2.17	2.5'	
6-205	30+61	2ND. ST. RT.	DI-7	-	941.00	5.50'	REMOVE EXIST. DI AND INSTALL DI-7 CONN. EXIST. 21" PIPE. & 15" PIPE									
8-91	17+40	ORANGE AVE. RT.	DI-3C	6'	933.50	5.04'		8-91	EXIST. BOX	24"	33'	933.50	933.17	1.00	4.5'	TIE TO EXISTING BOX
8-89	47+64	GAINSBORO RD RT	DI-1	-	935.31	4.19'		8-89	8-88	15"	44'	935.31	935.00	0.70	8.0'	
8-88	47+84	GAINSBORO RD RT	DI-3B	14'	934.00	5.26'		8-88	8-91	24"	50'	934.00	933.50	1.00	3.5'	
8-87	47+09	GAINSBORO RD RT	MH-1 or 2	-	935.73	6.02'		8-87	8-88	15"	72'	935.73	934.50	1.71	5.5'	
8-86	46+22	GAINSBORO RD RT	DI-3B	14'	942.00	4.94'		8-86	8-87	15"	87'	942.00	937.50	5.17	4.0'	
8-94	16+52	ORANGE AVE. RT.	MH-1 or 2	-	933.34	4.64'		8-94	EXIST. BOX	15"	53'	933.34	933.08	0.50	4.0'	TIE TO EXISTING BOX
8-95	16+19	ORANGE AVE. RT.	DI-3B	8'	933.50	5.06'		8-95	8-94	15"	32'	933.50	933.34	0.50	3.5'	
8-93	48+07	GAINSBORO RD LT	DI-3B	12'	933.50	5.30'		8-93	8-94	15"	32'	933.50	933.34	0.50	4.0'	
8-92	17+26	ORANGE AVE. LT.	DI-3B	10'	933.85	5.21'		8-92	EXIST. BOX	15"	30'	933.85	933.55	1.00	4.0'	TIE TO EXISTING BOX
8-202	17+28	ORANGE AVE. LT.	DI-7B	-	934.00	2.50'	GRATE A TYPE III REQD.	8-202	8-92	15"	21'	934.00	933.85	0.71	4.0'	
8-EX MH	46+97	GAINSBORO RD RT	EXIST MH	-	936.42	6.15'	ADJUST EX. MH FRAME & COVER	EXIST. MH.	8-87	15"	14'	936.42	935.73	4.91	5.5'	
9-85B	10+28	ORANGE AVE. RT.	MH-1 or 2	-	936.74	8.44'		-	-	-	-	-	-	-	-	
9-85A	10+27	ORANGE AVE. RT.	DI-3B	10'	939.15	6.14'		9-85A	9-85B	15"	15'	939.15	939.00	1.00	5.0'	
9-85	12+02	ORANGE AVE. RT.	DI-3B	10'	937.77	5.46'	CONN. EXIST. 10" S.D. TO 9-85	9-85	EXIST. 48"	15"	27'	937.77	937.50	1.00	5.0'	CONN. TO EXISTING MANHOLE.
9-95A	14+32	ORANGE AVE. RT.	DI-3B	12'	935.28	5.31'		9-95A	EXIST. 48"	15"	28'	935.28	935.00	1.00	5.0'	CONN. TO EXISTING MANHOLE.
10-96	19+70	ORANGE AVE. RT.	DI-3B	6'	932.51	7.76'		10-96	RET. WALL	24"	11'	932.51	932.23	2.51	6.0'	
10-98	19+75	ORANGE AVE. RT.	MH-1 or 2	-	933.01	7.20'		10-98	10-96	24"	20'	933.01	932.51	2.51	6.0'	
10-203	10+75	RAMP CC RT.	DI-3A	-	936.09	4.16'		10-203	ENDWALL	15"	15'	936.09	936.00	0.60	3.0'	STD. EW-1 REQD.
10-97	10+81	RAMP CC LT.	DI-3B	6'	936.25	4.99'		10-97	10-203	15"	32'	936.25	936.09	0.50	3.5'	
10-204	11+28	RAMP CC RT.	ES-1	-	-	-	10-204 IS STD ES-1	EXIST. 15"	10-204	15"	17'	936.03	935.52	3.00	2.5'	
4-PIER 5	17+30	2ND ST.	-	-	-	-	PIER 5	PIER 5	4-78	6"	128'	923.22	917.48	4.48	2.5'	
4-PIER 4	16+10	2ND ST.	-	-	-	-	PIER 4	PIER 4	3-79	6"	20'	920.00	918.50	8.33	2.0'	
3-PIER 3	15+00	2ND ST.	-	-	-	-	PIER 3	PIER 3	3-103	6"	30'	920.50	918.24	2.20	2.5'	
3-PIER 1	12+70	2ND ST.	-	-	-	-	PIER 1	PIER 1	EX 5W x 4H BOX	10"	28'	919.00	918.00	3.57	4.0'	CONN. TO EXISTING STR
3-BRIDGE INLET LT.	12+12	2ND ST. LT.	-	-	-	-	SEE BRIDGE PLANS	INLET LT.	3-102	6"	72'	938.89	932.75	8.53	1.5'	
3-BRIDGE INLET RT.	12+18	2ND ST. RT.	-	-	-	-	SEE BRIDGE PLANS	INLET RT.	3-109	6"	87'	940.17	932.75	8.53	1.5'	
3-PIER 2	13+85	2ND ST.	-	-	-	-	PIER 2	PIER 2	3-73	6"	35'	921.00	920.00	2.86	1.0'	
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MANHOLES MAY BE STD. MH-1 OR MH-2.
STD. MH-1 FRAME & COVER REQD.
STD. IS-1 REQD. FOR ALL
MANHOLES AND DROP INLETS.