

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

DRAINAGE SUMMARY

Contractor shall remove and replace Metal Funnels, 12" Funnel Drain Pipe and Drain Pipe Elbows in the following locations as directed by the Engineer.

LOCATION	LENGTH (FT)
US 301 & I-95 Exit 25	
NE Quad.	50
SE Quad.	38
NW Quad.	48
SW Quad.	50
NC 20 & I-95 Exit 31	
NE Quad.	284
SE Quad.	150
NW Quad.	298
SW Quad.	150
US 301 & I-95 Exit 33	
NE Quad.	384
SE Quad.	154
NW Quad.	373
SW Quad.	404
SR 1726 & I-95	
SW Quad.	100
NW Quad.	100
NE Quad.	100
SR 1723 & I-95	
SE Quad.	40
SW Quad.	70
NW Quad.	40
NE Quad.	70
SR 1718 & I-95	
SE Quad.	40
SW Quad.	80
NW Quad.	40
NE Quad.	80
TOTAL	3143
SAY	3150

LOCATION			Pipe Size/s	DESCRIPTION	NOTES
N	E	MP			
		24.70	1-18" rcp	Patch Collar	Collar cracked
		24.95	1-18" rcp	Patch Box, Patch Collar	Slight wall seepage; collar is cracked
355825.815	2000815.431	25.56	1-18" rcp	Patch Box	Wall seepage; collar OK
355967.497	2000815.537	25.60	NA	Patch	3 bay box culvert w/heavy seepage in median
356378.598	2000816.059	25.66	1-18" rcp	Patch Box	Wall seepage; collar OK
358112.451	2000835.234	25.99	2-18" rcp	Patch Box	Wall seepage; collar OK
359219.835	2000843.108	26.18	2-18" rcp	Patch Box	Wall seepage; collar OK
359668.900	2000840.261	26.26	2-36" rcp	Patch Box	Wall seepage; collar OK
361424.213	2000866.188	26.60	1-18" rcp	Patch Box	Wall seepage; collar OK
361580.968	2000862.050	26.63	1-18" rcp	Patch Box	Wall seepage; collar OK
362331.600	2000868.467	26.77	1-18" rcp	Patch Box	Slight to moderate wall seepage; Collar OK
362734.618	2000871.826	26.84	?	Patch Box, Patch Pipe	Moderate to severe seepage, collar OK; pipe joints suspect
363954.959	2000884.046	27.09	2-24" rcp	Patch Box	Slight wall seepage; Collar OK
364590.393	2000881.527	27.21	1-18" rcp	Patch Box	Slight wall seepage; Collar OK
365261.773	2000892.564	27.34	2-18" rcp	Patch Box	Moderate wall seepage; collar OK
366416.979	2000903.748	27.56	2-18" rcp	Patch Box	Moderate wall seepage; collar OK
366870.755	2000910.131	27.64	2-18" rcp	Patch Box	Severe wall seepage; collar OK
367894.255	2000926.833	27.84	1-18" rcp	Patch Box	Slight wall seepage; Collar OK
369738.502	2001038.508	28.18	1-18" rcp	Patch Box, Patch Collar	Slight wall seepage; Collar broken on corner
370396.210	2001089.796	28.31	2-72" rcp	Patch Collar	No seepage; collar cracked
372471.444	2001227.102	28.70		Patch Box	Slight wall seepage; collar OK
374696.928	2001386.079	29.10		Patch Pipe, Patch Collar	Pipe joints seeping; collar cracked
376296.124	2001517.398	29.40		Patch Pipe, Patch Collar	Pipe joints seeping; collar cracked
378568.183	2001669.259	29.83		Patch Pipe, Patch Collar	Pipe joints seeping; collar cracked
381580.218	2002478.407	30.42		Patch Pipe, Patch Collar	Pipe joints seeping; collar cracked
381959.365	2002616.301	30.50		Patch Collar	No seepage; collar cracked
382566.560	2002841.267	30.62		Patch Collar	No seepage; collar cracked
383907.928	2003324.110	30.89		Patch Collar	No seepage; collar cracked
388207.683	2004594.513	31.74	1-18" rcp	Patch Collar	No seepage; collar cracked
388634.209	2004674.974	31.82	2-18" rcp	Patch Pipe, Patch Collar	Pipe joint separated; collar cracked
389918.077	2004876.430	32.06	2-42" rcp	Patch Box, Patch Collar	Slight wall seepage; collar cracked
393281.034	2005697.565	32.71	1-18" rcp	Patch Collar	No seepage; collar slightly cracked
393729.816	2005994.693	32.81	2-18" rcp	Patch Collar	Collar is cracked and separated from DI
395445.522	2007167.585	33.22	2-36" rcp	Patch Box, Patch Collar	Moderate wall seepage; collar cracked
395450.680	2007150.025	33.21	2-18" rcp	Patch Collar	No seepage; collar is cracked
399428.454	2009009.341	34.03	3-18" rcp	Patch Collar	No seepage; collar is cracked
399401.781	2009051.087	34.03	2-18" rcp	Patch Pipe, Patch Collar	Pipe joints seeping; collar cracked
402133.022	2010055.306	34.58	2-18" rcp	Patch Collar	No seepage; collar slightly cracked
402576.074	2010151.282	34.67	1-18" rcp	Patch Box	Slight wall seepage; collar OK
403068.377	2010231.119	34.76	1-18" rcp	Patch Box	Slight wall seepage; collar OK
404646.382	2010464.184	35.08	2-30" rcp	Patch Box, Patch Collar	Moderate seepage; collar cracked and settling
404836.047	2010490.126	35.11	2-18" rcp	Patch Collar	No seepage; collar cracked
405434.633	2010574.395	35.23	2-18" rcp	Patch Collar	No seepage; collar cracked
399005.324	2008898.395	33.96	2-18" rcp	Replace Box	Caved in, Filled w/sand
413732.279	2011807.263	36.80	1-18" rcp	Patch Box, Patch Collar	Slight wall seepage; collar cracked
414448.883	2011899.508	36.93	2-18" rcp	Patch Collar	No seepage; collar cracked
415626.795	2012079.144	37.17	1-18" rcp	Patch Box, Patch Collar	Slight wall seepage; collar cracked
416335.397	2012181.408	37.31	2-18" rcp	Patch Box, Patch Collar	Slight wall seepage; collar cracked
416843.913	2012252.645	37.41	2-24" rcp	Patch Box, Patch Collar	Slight wall seepage; collar cracked
418780.537	2012541.973	37.78	2-24" rcp	Patch Collar	No seepage; collar cracked
420755.693	2012885.033	38.13	3-18" rcp	Replace Pipe	Complete washout; Immediate repair
421504.817	2013130.080	38.28	3-18" rcp	Patch Collar	No seepage; collar cracked
421904.482	2013256.616	38.36	1-18" rcp	Patch Box, Patch Collar	Slight wall seepage; collar cracked

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