



PROJECT REFERENCE NO. U-2525C	SHEET NO. 2A-8
ROADWAY DESIGN ENGINEER 1/8/2018 ROBERT A. MARY SEAL 21116	PAVEMENT DESIGN ENGINEER 1/19/2018 CLARK S. HARRISON SEAL 22896

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

SUMMARY OF SHOULDER DRAIN, SHOULDER DRAIN PIPE & CONCRETE OUTLET PADS

STATION -L-	STATION -L-	LOCATION	OUTLET LOCATION	SHOULDER DRAIN PIPE (FT)	SHOULDER DRAIN (FT)	OUTLET PIPE (FT)	CONCRETE PAD FOR OUTLET	REMARKS
277+50.00	298+69.00	LT. MED.	280+35.00	2,119'	2,119'	24'		TIE TO 2GI STR. 0534
			283+72.00			24'		TIE TO 2GI STR. 0603
			287+00.00			24'		TIE TO 2GI STR. 0602
			293+32.00			24'		TIE TO 2GI STR. 0623
			295+00.00			24'		TIE TO 2GI STR. 0610
433+80.00	469+10.00	LT. MED.	433+50.00	3,530'	3,530'	24'		TIE TO 2GI STR. 1612
			436+50.00			24'		TIE TO 2GI STR. 1611
			444+50.00			24'		TIE TO 2GI STR. 1704
			446+55.00			24'		TIE TO 2GI STR. 1703
			451+50.00			24'		TIE TO 2GI STR. 1715
			455+00.00			24'		TIE TO 2GI STR. 1716
			460+00.00			24'		TIE TO 2GI STR. 1879
			463+00.00			24'		TIE TO 2GI STR. 1880
			469+10.00			52'		TIE TO 2GI STR. 1808
471+25.00	500+40.00	LT. MED.	471+80.00	2,915'	2,915'	16'		TIE TO 2GI STR. 1811
			478+00.00			24'		TIE TO 2GI STR. 1852
			482+50.00			24'		TIE TO 2GI STR. 1847
			484+11.00			24'		TIE TO 2GI STR. 1848
			487+20.00			24'		TIE TO 2GI STR. 1904
			490+00.00			60'		TIE TO 2GI STR. 1909
			493+40.00			24'		TIE TO 2GI STR. 1911
275+00.00	287+75.00	RT. OUTSIDE	276+00.00	1,275'	1,275'	104'		TIE TO 2GI STR. 0532
			280+35.00			20'		TIE TO 2GI STR. 0533
			283+72.00			12'		TIE TO JB STR. 0695
289+50.00	309+90.00	RT. OUTSIDE	289+50.00	2,040'	2,040'	16'		TIE TO 2GI STR. 0625
			293+32.00			12'		TIE TO 2GI STR. 0624
			296+32.00			44'	1	
			299+50.00			32'	1	
			302+50.00			12'		TIE TO 2GI STR. 0715
			305+50.00			12'		TIE TO 2GI STR. 0706
334+70.00	335+57.00	RT. OUTSIDE	335+57.00	87'	87'	12'		TIE TO 2GI STR. 1012
338+38.00	362+00.00	RT. OUTSIDE	339+75.00	2,362'	2,362'	12'		TIE TO 2GI STR. 1021
			342+90.00			12'		TIE TO 2GI STR. 1027
			345+40.00			12'		TIE TO 2GI STR. 1107
			347+70.00			12'		TIE TO 2GI STR. 1112
			351+40.00			12'		TIE TO 2GI STR. 1122
			355+00.00			12'		TIE TO 2GI STR. 1127
			358+00.00			12'		TIE TO 2GI STR. 1133
			361+00.00			12'		TIE TO 2GI STR. 1207
			362+00.00			40'	1	
381+69.00	385+35.00	RT. OUTSIDE	385+35.00			12'		TIE TO 2GI STR. 1326
386+25.00	394+40.00	RT. OUTSIDE	387+82.00			32'	1	
			390+00.00			32'		TIE TO 2GI STR. 1403
			394+40.00			56'		TIE TO 2GI STR. 1433
395+00.00	454+81.00	RT. OUTSIDE	397+50.00	5,981'	5,981'	8'		TIE TO 2GI STR. 1446
			401+00.00			24'		TIE TO 2GI STR. 1453
			402+08.00			12'		TIE TO 2GI STR. 1483
			406+50.00			28'		TIE TO 2GI STR. 1484
			410+00.00			32'		TIE TO 2GI STR. 1485
			412+50.00			32'	1	
			415+50.00			12'		TIE TO 2GI STR. 1512
			416+50.00			12'		TIE TO 2GI STR. 1515
			420+00.00			32'		TIE TO 2GI STR. 1522
			424+49.00			12'		TIE TO 2GI STR. 1540
			426+50.00			12'		TIE TO 2GI STR. 1544
			429+00.00			12'		TIE TO 2GI STR. 1603
			431+50.00			12'	1	
			433+50.00			32'		TIE TO 2GI STR. 1610
			437+00.00			36'	1	
			442+00.00			44'		TIE TO 2GI STR. 1625
			444+00.00			36'	1	
			448+50.00			28'		TIE TO 2GI STR. 1728
			452+00.00			24'		TIE TO 2GI STR. 1718
			458+81.00			44'		TIE TO 2GI STR. 1853
SHEET TOTAL:				20,309'	20,309'	1,556'	8	

SUMMARY OF SHOULDER DRAIN, SHOULDER DRAIN PIPE & CONCRETE OUTLET PADS

STATION -L-	STATION -L-	LOCATION	OUTLET LOCATION	SHOULDER DRAIN PIPE (FT)	SHOULDER DRAIN (FT)	OUTLET PIPE (FT)	CONCRETE PAD FOR OUTLET	REMARKS
457+60.00	465+50.00	RT. OUTSIDE	460+60.00	790'	790'	32'	1	
			463+75.00			32'	1	
			466+50.00			32'	1	
467+00.00	469+10.00	RT. OUTSIDE	469+10.00	210'	210'	36'		TIE TO 2GI STR. 1807
471+85.00	485+00.00	RT. OUTSIDE	473+85.00	1,315'	1,315'	12'		TIE TO 2GI STR. 1814
			477+00.00			32'	1	
			480+25.00			32'		TIE TO 2GI STR. 1849
			484+11.00			12'		TIE TO JB STR. 1850
484+11.00	517+24.00	RT. OUTSIDE	484+11.00	3,313'	3,313'	12'		TIE TO 2GI STR. 1851
			487+20.00			12'		TIE TO 2GI STR. 1903
			490+50.00			12'		TIE TO 2GI STR. 1908
			493+40.00			12'		TIE TO 2GI STR. 1912
			496+50.00			12'		TIE TO 2GI STR. 1916
			500+50.00			12'		TIE TO 2GI STR. 2003
			504+50.00			12'		TIE TO 2GI STR. 2008
			508+50.00			12'		TIE TO 2GI STR. 2010
			511+00.00			36'	1	
			513+50.00			48'		TIE TO 2GI STR. 2106
			516+00.00			36'		TIE TO 2GI STR. 2105
532+27.00	553+00.00	RT. OUTSIDE	532+27.00	2,073'	2,073'	48'	1	
			534+60.00			32'	1	
			537+00.00			32'		TIE TO 2GI STR. 2218
			541+00.00			32'		TIE TO 2GI STR. 2224
			545+00.00			32'		TIE TO 2GI STR. 2305
			548+80.00			32'		TIE TO EXIST. 2GI
			552+00.00			32'		TIE TO EXIST. 2GI
313+00.00	328+95.00	RT. MED.	313+00.00	1,595'	1,595'	24'		TIE TO 2GI STR. 0812
			320+00.00			24'		TIE TO 2GI STR. 0902
			323+50.00			24'		TIE TO 2GI STR. 0914
			326+50.00			24'		TIE TO 2GI STR. 0918
331+10.00	335+75.00	RT. MED.	335+75.00	465'	465'	24'		TIE TO 2GI STR. 1012
362+00.00	381+80.00	RT. MED.	364+00.00	1,980'	1,980'	24'		TIE TO 2GI STR. 1211
			367+00.00			48'		TIE TO 2GI STR. 1216
			371+50.00			24'		TIE TO 2GI STR. 1231
			375+00.00			24'		TIE TO 2GI STR. 1306
			378+40.00			24'		TIE TO 2GI STR. 1308
			381+80.00			24'		TIE TO 2GI STR. 1322
516+00.00	532+27.00	RT. MED.	516+00.00	1,627'	1,627'	24'		TIE TO 2GI STR. 2104
			526+18.00			24'		TIE TO 2GI STR. 2124
			530+98.00			24'		TIE TO 2GI STR. 2211
SHEET TOTAL:				13,368'	13,368'	1,036'	7	
SHEET TOTAL:				20,309'	20,309'	1,556'	8	
SHEET TOTAL:				20,896'	20,896'	1,476'	6	
PROJECT TOTAL:				52,573'	52,573'	4,068'	21	