COMPUTED BY:	J.B. BARFIELD	DATE: 7/16/14
CHECKED BY:	P. ROGERS	DATE: 7/31/14

PROJECT NO.	SHEET NO.
U-2579B	3G-1

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

SUMMARY OF SUBSURFACE DRAINAGE

LINE	Station	Station	Location LT/RT/CL	Drain Type* UD/BD/SD	LF
L	488+00	493+00	CL	SD	1,500
L	531+00	553+00	CL	SD	6,600
Y1LPA	10+00	16+00	CL	SD	600
Y1LPD	10+00	16+00	CL	SD	600
Y1RPA	14+00	25+00	CL	SD	1,100
Y1RPD	20+00	27+00	CL	SD	700
				SUBTOTAL	11,100
CONTINGENCY				SD	900
				TOTAL LF:	12,000

***UD = Underdrain**
***BD = Blind Drain**
***SD = Subsurface Drain**

SUMMARY OF BRIDGE WAITING PERIODS

Bridge Description	End Bent/ Bent No.	MONTHS
Bridge No. 668 over Martin Mill Creek on Future I-74 between SR 2575 and SR 2410	1, 2	2
Bridge No. 669 over Martin Mill Creek on Future I-74 between SR 2575 and SR 2410	1, 2	2
Bridge No. 670 over West Mountain Rd. on Winston-Salem Northern Beltway	1, 2	2
Bridge No. 671 over West Mountain Rd. on Winston-Salem Northern Beltway	1, 2	2
Bridge No. 672 on -Y4RPA- over Harmon Mill Creek between US 158 and US 421/I-40 Bus.	1, 2	2
Bridge No. 673 on -Y4CD- over Smith Creek between US-158 and US-421/I-40 Bus.	1, 2	2
Bridge No. 674 on future I-74 over Smith Creek between US-158 and US-421/I-40 Bus.	1, 2	3
Bridge No. 675 on future I-74 over Smith Creek between US-158 and US-421/I-40 Bus.	1, 2	3
Bridge No. 676 on -Y4RPBD-over Harmon Mill Creek between US 158 and US 421 /I-40 Bus.	1, 2	3
Bridge No. 677 on -Y4CD- over I-40 Bus/US-421 between SR 4309 and SR 4315	1, 2	3
Bridge No. 678 on -L- over I-40 Bus/US-421 between SR 4309 and SR 4315	1, 2	3
Bridge No. 679 on -L- over I-40 Bus/US-421 between SR 4309 and SR 4315	1, 2	3
Bridge No. 680 on -Y4RPBD- over I-40 Bus/US-421	1, 2	1
Bridge No. 682 on SR 2657 (Hasting Hill Rd) over -Y4RPD-	2	2
Bridge No. 683 on SR 2657 (Hasting Hills Rd) over -Y4CD-, -L-, & -Y4RPC-	1, 2	2

SUMMARY OF GEOTEXTILE FOR PAVEMENT STABILIZATION

LINE	Station	Station	SY	LINE	Station	Station	SY	LINE	Station	Station	SY
L	490+25	513+45	33851	Y4CD	34+71	51+00	3834	Y4RPBD	80+00	83+50	868
L	520+00	529+75	12977	Y4CD	62+00	74+00	5358	Y4RPC	10+00	12+00	737
L	557+95	627+20	99732	Y4CD	92+50	94+75	744	Y4RPC	29+75	35+00	1626
L	630+25	641+00	14114	Y4LPA	10+00	17+00	1904	Y4RPD	10+00	21+50	3228
L	644+20	646+25	3533	Y4LPD	10+00	13+50	1089	Y4RPD	26+00	30+00	849
L	657+00	670+10	4660	Y4LPD	14+50	18+00	1089	Y5	17+00	22+70	1719
L	685+25	689+50	6125	Y4RPA	11+00	15+17	1622	Y5	24+37	26+45	546
Y1	17+00	29+00	12725	Y4RPA	19+02	26+00	2140	Y5	31+06	33+00	697
Y1	37+00	47+00	10068	Y4RPB	10+00	15+50	1330	Y1DET	35+25	42+50	2256
Y1LPA	18+00	21+64	1093	Y4RPB	17+75	29+25	3121	Y5DET	13+00	18+00	1556
Y1LPD	19+00	22+21	1472	Y4RPBD	10+00	25+16	6458	Y6	24+00	31+50	2162
Y1RPA	10+00	13+00	1211	Y4RPBD	27+80	42+54	5163				
Y1RPA	28+25	30+89	1627	Y4RPBD	42+54	51+68	2531	CONTINGENCY			0
Y1RPD	29+00	32+81	1398	Y4RPBD	54+98	63+25	3413				
Y4CD	10+00	31+61	11642	Y4RPBD	70+00	76+75	2767			**TOTAL SY:**	275035

SUMMARY OF AGGREGATE SUBGRADE/STABILIZATION

LINE	Station	Station	Aggregate Type* ASU/AST	Aggregate Thickness INCHES	Shallow Undercut CY	Class IV Subgrade Stabilization TONS	Geotextile for Soil Stabilization SY	Stabilizer Aggregate TONS	Class IV Aggregate Stabilization TONS
L	66600	66900					12000		
EROSION CONTROL							16600		
CONTINGENCY			ASU		5000	9500	18500		
CONTINGENCY			AST	3				1000	
			TOTAL CY/TONS/SY:		5000	9500	47100	1000	0

***ASU = Aggregate Subgrade**
***AST = Aggregate Stabilization**