

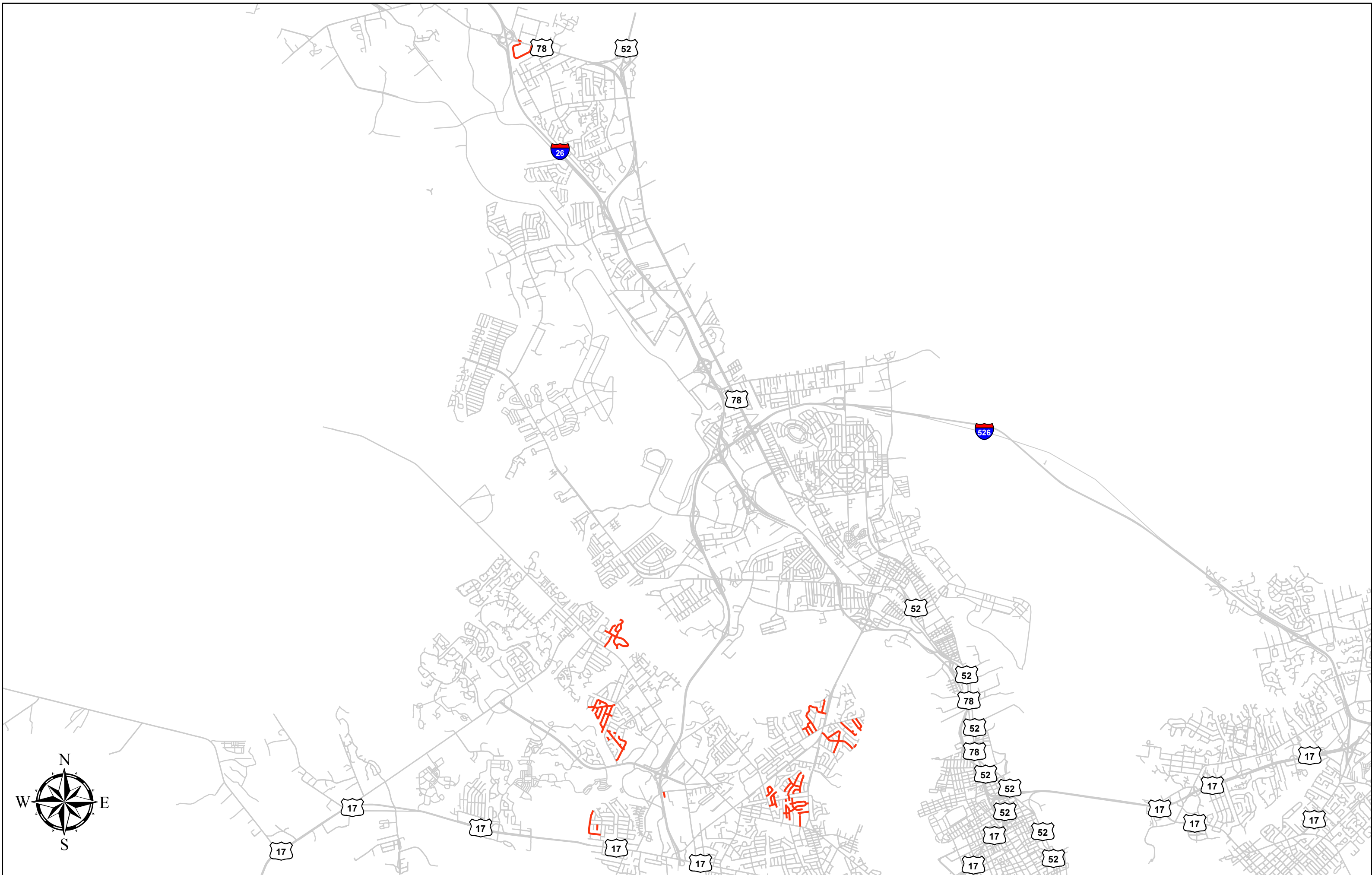
COUNTY OF CHARLESTON



TST 2020 RESURFACING PLAN March 11, 2020

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MapNumber	Route	FirstOfToFrom	Length	Width	Area	2023000 REMOVAL & DISPOSAL OF EXISTING PAVEMENT (CONCRETE DRIVE	2024100 REMOVAL & DISPOSAL OF EXISTING CONCRETE GUTTER *	2027000 REMOVAL & DISPOSAL OF EXISTING CONCRETE SIDEWALK *	2033000 BORROW EXCAVATION (FOR SHOULDERS) *	4011004 LIQUID ASPHALT BINDER PG 64-22	4012040 "FULL DEPTH ASPH_ PAV_ PATCHING 4"" "UNIFORM"	4012040D FULL DEPTH ASPH_ PAV_ PATCHING FOR DRIVES 4" UNIFORM	4013150 MILLING EXISTING ASPHALT PAVEMENT 1_5"	4013155 VARIABLE EDGE MILLING 1_5"	4013990 "VARIABLE MILLING EXISTING ASPHALT PAVEMENT FOR KEY-INS	41113340 WARM MIX ASPHALT SURFACE COURSE TYPE C	41113340D WARM MIX ASPHALT SURFACE COURSE TYPE C FOR DRIVES & I	41113360 WARM MIX ASPHALT SURFACE COURSE TYPE E	6241010 4" WHITE SOLID LINES (PVT_ EDGE LINES) PERM_ PVMT_ MARKIN	6241015 8" WHITE SOLID LINES PERM_ PVMT_ MARKINGS	6241020 12" WHITE SOLID LINES - PERM_ PVMT_ MARKINGS	6241023A 48IN X 48 IN WHITE YIELD TRIANGLE - PERM_ PVMT_ MARKING	6241025 24" WHITE SOLID LINES (STOP/DIAG LINES)-PERM_ PVMT_ MARKI	6241030 WHITE SINGLE ARROWS (LT, STRGHT, RT) PERM_ PVMT_ MARKING	6241035 WHITE WORD MESSAGE - ONLY, SLOW, STOP -PERM_ PVMT_ MARKIN	6241040 WHITE COMBINATION ARROWS(STR&RT_OR STR<)PERM_ PVMT_ MAR	6241074 4" YELLOW SOLID LINES(PVT_ EDGE LINES) PERM_ PVMT_ MARKING	6250010 "4"" WHITE SOLID LINES (PVT_ EDGE LINES) - FAST DRY PAI	6250015 "8"" WHITE SOLID LINES (CROSSWALK & CHANNELIZATION) FAS	6250020 12" WHITE SOLID LINES - FAST DRY PAINT	6250025 "24"" WHITE SOLID LINES (STOP/DIAGONAL LINES) - FAST DR	6250030 "WHITE SINGLE ARROW (LEFT, STRAIGHT, RIGHT) - FAST DRY	6250035 "WHITE WORD MESSAGE - ONLY, SLOW, STOP - FAST DRY PAINT	6250040 WHITE COMBINATION ARROW (STR_ & RT_ OR STR_ & LT_) -	6250110 "4"" YELLOW SOLID LINE (PVT_ EDGE & NO PASSING) - F	6251023 48IN X 48 IN WHITE YIELD TRIANGLE FAST DRY	6300005 "PERMANENT CLEAR PAVEMENT MARKERS - MONO-DIR_ - 4""x4""	6301100 "PERMANENT YELLOW PAVEMENT MARKER BI- DIR_ - 4""	7197110 ADJUST CATCH BASIN (REPAIR C_ B_ TYPE 1)	7197130 ADJUST DROP INLET	7203210 CONCRETE CURB AND GUTTER 2'0"	7204100 CONCRETE SIDEWALK (4-IN UNIFORM)*	7204900 DETECTABLE WARNING SURFACE (Cast in place where applica	7205000 "CONCRETE DRIVEWAY (6"" UNIFORM)"	7209000 PEDESTRIAN RAMP CONTRUCTION
10	AMBASSADOR LN	Planters Dr to Cestus Ln	521	20	1158	25	0	0	6	6	100	0	0	0	0	87	15	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	0
4	ASHLAND DR	Old Towne Rd to Cul-de-sac	959	26	2771	50	60	0	0	15	200	0	3100	0	0	250	5	0	0	0	0	0	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60	0	0	50	0	
11	ASHLEY FERRY RD	Treescape Dr to Roundabout	1024	26	2959	50	40	0	0	17	200	0	3200	0	0	260	15	0	0	0	0	0	8	12	0	0	0	0	0	0	0	0	0	0	0	0	0	40	0	0	0	50	0		
11	ASSEMBLY DR	Ashley River Rd to Ashley Ferry Rd	1224	35	4651	25	50	0	0	29	350	0	5500	0	0	440	40	0	0	0	0	0	8	48	0	0	0	0	0	0	0	0	0	0	0	0	0	40	0	0	0	25	0		
4	AUTUMN LN	Heathwood Dr to Murray Hill Dr	506	21	1180	0	0	0	9	7	100	0	0	0	100	100	20	0	0	0	0	0	0	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	BAMBOO DR	Gilmore Rd to Murray Hill Dr	1637	20	3638	0	0	0	18	21	175	0	0	0	100	290	65	0	0	0	0	0	4	36	0	0	0	0	0	0	0	0	0	0	0	0	20	22	0	0	0	0	0	0	
9	BANBURY CT	Banbury Rd to Cul-de-sac	156	26	451	0	20	0	0	4	150	0	0	0	0	65	5	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	0	
9	BANBURY RD	Forest Lakes Blvd to End	2217	26	6404	0	20	20	0	35	750	0	7000	0	0	560	25	0	0	0	0	0	0	48	0	0	0	0	0	0	0	0	0	0	0	0	0	20	20	0	0	0	0		
8	BENT TWIG LN	Boardman Dr to Cul-de-sac	205	20	456	30	0	0	3	3	200	0	0	0	0	40	5	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60	0		
10	BISHOP DR	Planters Dr to End	2442	20	5426	100	0	0	32	27	420	0	0	0	100	410	34	0	0	0	0	0	4	48	0	0	0	0	0	0	0	0	0	0	0	0	4	20	0	0	0	0	100	0	
4	BOARDMAN RD	Orange Grove Rd to Orange Grove Rd	2092	20	4648	0	0	0	28	29	125	10	0	0	50	350	132	0	0	0	0	0	0	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8	BRYJO PL	Marvin Av to Bamboo Dr	965	20	2145	75	0	0	9	14	300	20	0	0	150	170	60	0	0	0	0	0	0	60	0	0	0	0	0	0	0	0	0	0	0	0	14	0	0	0	0	75	0		
5	CAMELOT DR	S Lenevar Dr to Tara Rd	792	20	1760	25	0	0	9	11	100	10	0	0	50	135	43	0	0	0	0	0	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	0		
5	CARSON DR	Kiki Way to Joshua Dr	948	25	2632	25	0	0	9	15	50	10	0	0	100	200	32	15	0	0	0	0	0	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	0		
10	CESTUS LN	Ambassador Ln to Chancellory Ln	562	20	1248	0	0	0	7	8	200	0	0	0	0	125	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	0		
10	CHANCELLORY LN	Planters Dr to Cul-de-sac	1079	20	2397	50	0	0	13	13	175	10	0	0	0	225	16	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	0		
3	DAVAN DR	Ashley Hall Rd to Regis Ct	573	20	1274	0	0	0	5	7	75	40	0	0	0	100	15	0	0	0	0	0	0	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	EDINBURGH RD	Orange Grove Rd to Nuffield Rd	700	24	1867	0	0	0	9	10	100	0	0	0	50	150	10	14	0	0	175	0	24	0	0	0	0	0	175	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	ELTON CT	Marvin Av to Cul-de-sac	234	20	519	50	0	0	2	4	50	0	0	0	25	40	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	0			
8	EXETER CT	Mueller Dr to Cul-de-sac	194	21	452	30	0	0	3	3	100	0	0	0	0	40	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	0	0		
8	FAIRFAX CT	Mueller Dr to Cul-de-sac	196	21	457	0	0	0	3	3	50	0	0	0	0	40	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
11	FIDLING RD	Ashley Ferry Rd to Cul-de-sac	897	26	2590	0	20	0	0	15	100	0	3000	0	0	240	10	0	0	0	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	0		
11	FOX TROT RD	Rice Pond Rd to Rice Pond Rd	1042	26	3009	0	70	0	0	16	240	0	3100	0	0	250	10	0	0	0	0	0	0	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	0	0	0	0	0	
4	FUSELER RD	Ashley River Rd to Ashland Dr	1100	25	3074	0	40	0	12	17	150	50	1175	0	25	250	35	0	0	120	0	0	16	0	0	0	0	0	120	0	16	0	0	0	0	0	0	0	40	0	0	0	0	0	
4	GILMORE RD	Old Towne Rd to Cul-de-sac	1698	20	3799	25	0	0	14	22	100	50	0	0	0	290	75	0	0	0	0	4	36	0	0	0	2800	0	0	0	36	0	0	0	2800	4	20	23	0	0	0	0	25	0	
9	HASTINGS CT	Dogwood Rd to Cul-de-sac	220	26	636	0	0	0	0	4	100	0	750	0	0	60	5	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	JOSHUA DR	Tara Rd to W Lenevar Dr	1277	23	3157	0	0	0	9	19	200	0	0	0	125	245	59	9	0	0	0	0	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1	LONGBRANCH DR	Canary Dr to Birkenhead Dr	2904	20	6453	25	0	0	46	31	750	50	0	0	75	500	15	0	0	0	0	0	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	0		
10	LUKE ST	Vestry Dr to Greenpark Av	659	20	1463	0	0	0	9	9	200	10	0	0	0	120	29	0	0	0	0	0	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	MARIAS CT	Dogwood Rd to Cul-de-sac	355	26	1026	0	0	0	0	6	100	0	1150	0	0	92	5	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10	MARSH CREEK DR	Rice Pond Rd to Roundabout	2308	26	6668	0	30	0	0	33	225	0	6700	0	0	540	10	0	0	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	0	0	0	0		
12	MEDICAL PLAZA DR	University Blvd to Charleston Southern Blvd	3573	28	11115	0	150	150	0	60	2300	0	14000	0	0	1120	25	0	280	500	0	0	0	10	2	8	2650	280	500	0	10	2	8	2650	0	0	1	0	150	50	40	0	100		
10	MISSION AV	Vestry Dr to Bishop Dr	536	19	1131	25	0	0	9	8	100	0	0	0	50	120	10	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	0			
8	MUELLER DR	Orange Grove Rd to Cul-de-sac	1655	20	3679	0	0	0	25	19	220	0	0	0	25	280	45	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	MURRAY HILL DR	Plainfield Dr to Cul-de-sac	1335	20	2968	25	0	0	9	18	175	20	0	50	0	230	66	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	0		
6	NORTHBRIDGE DR	Old Towne Rd to Chelwood Cir	3108	20	6906	50	0	0	46	40	985	50	0	0	275	550	110	0	0	115	0	12	132	0	0	0	0	0	115	0	132	0	0	0	0	12	60	0	0	0	0	50	0		
9	NORTHLAKE CT	Banbury Rd to Cul-de-sac	173	26	501	0	0	0	0	3	50	0	600	0	0	50	5	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	NUFFIELD RD	Manchester Rd to Shrewsbury Rd	602	24	1606	0																																							

TST 2020 Resurfacing Plan

Road List By Area

<u>Map#</u>	<u>Street Name</u>	<u>State Route Number</u>	<u>County District</u>
<u>North Charleston</u>			
12	MEDICAL PLAZA DR		6
<u>West Ashley</u>			
10	AMBASSADOR LN		7
4	ASHLAND DR		7
11	ASHLEY FERRY RD		7
11	ASSEMBLY DR		7
4	AUTUMN LN		7
4	BAMBOO DR		7
9	BANBURY CT		7
9	BANBURY RD		7
8	BENT TWIG LN		7
10	BISHOP DR		7
8	BOARDMAN RD		7
4	BRYJO PL	929	7
5	CAMELOT DR		7
5	CARSON DR		7
10	CESTUS LN		7
10	CHANCELLORY LN		7
3	DAVAN DR		7
7	EDINBURGH RD		7
4	ELTON CT		7
8	EXETER CT		7
8	FAIRFAX CT		7
11	FIDLING RD		7
11	FOX TROT RD		7
4	FUSELER RD		7
4	GILMORE RD	927	7
9	HASTINGS CT		7
5	JOSHUA DR		7
1	LONGBRANCH DR		7
10	LUKE ST		7
9	MARIAS CT		7
10	MARSH CREEK DR		7
10	MISSION AV		7
8	MUELLER DR		7
4	MURRAY HILL DR		7
6	NORTHBRIDGE DR		7
9	NORTHLAKE CT		7
7	NUFFIELD RD		7
1	OLNEY RD		7
10	PARSONS CORNER		7
4	PLAINFIELD DR		7
10	PLANTERS DR		7
5	POOSHEE DR		7
3	REGIS CT		7
11	RICE POND RD		7
2	SAN MIGUEL RD		7
7	SHREWSBURY RD		7
6	SOMERSET CIR		7
9	SULGRAVE RD		7
5	TARA RD		7
10	VESPER DR		7

County
District[illegible]

Quantity Sheet

<u>SCDOT Spec</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>
1071000	TRAFFIC CONTROL	1	LS
2023000	REMOVAL & DISPOSAL OF EXISTING PAVEMENT (CONCRETE DRIVEWAY AS DIRECTED) *	1410	SY
2024100	REMOVAL & DISPOSAL OF EXISTING CONCRETE GUTTER *	650	LF
2027000	REMOVAL & DISPOSAL OF EXISTING CONCRETE SIDEWALK *	380	SY
2033000	BORROW EXCAVATION (FOR SHOULDERS) *	1156	CY
3050199	GRADED AGGREGATE BASE COURSE	20	TONS
3069900	MAINTENANCE STONE*	20	TONS
4011004	LIQUID ASPHALT BINDER PG 64-22	1096	TONS
4012040	"FULL DEPTH ASPH. PAV. PATCHING 4"" UNIFORM"	16385	SY
4012040D	FULL DEPTH ASPH. PAV. PATCHING FOR DRIVES 4" UNIFORM	540	SY
4013150	MILLING EXISTING ASPHALT PAVEMENT 1.5"	76200	SY
4013155	VARIABLE EDGE MILLING 1.5"	275	SY
4013990	"VARIABLE MILLING EXISTING ASPHALT PAVEMENT FOR KEY-INS	2300	SY
4113340	WARM MIX ASPHALT SURFACE COURSE TYPE C	16407	TON
4113340D	WARM MIX ASPHALT SURFACE COURSE TYPE C FOR DRIVES & INTERSECTIONS	2029	TON
4113360	WARM MIX ASPHALT SURFACE COURSE TYPE E	199	TON
6241005	4" WHITE BROKEN LINES(GAPS EXCL.)PERM.PVMT.MARKING	10	LF
6241010	4" WHITE SOLID LINES (PVT. EDGE LINES) PERM.PVMT.MARKING	290	LF
6241015	8" WHITE SOLID LINES PERM.PVMT.MARKINGS	745	LF
6241020	12" WHITE SOLID LINES - PERM.PVMT.MARKINGS	525	LF
6241023A	48IN X 48 IN WHITE YIELD TRIANGLE – PERM.PVMT.MARKING	65	EA
6241025	24" WHITE SOLID LINES (STOP/DIAG LINES)-PERM.PVMT.MARKING	1630	LF
6241030	WHITE SINGLE ARROWS (LT, STRGHT, RT) PERM.PVMT.MARKING	11	EA
6241035	WHITE WORD MESSAGE - ONLY, SLOW, STOP -PERM.PVMT.MARKING	3	EA
6241040	WHITE COMBINATION ARROWS(STR&RT.OR STR<)PERM.PVMT.MARKING	9	EA
6241064	4" YELLOW BROKEN LINES(GAPS EXC)PERM.PVMT.MARKING	1	LF
6241074	4" YELLOW SOLID LINES(PVT.EDGE LINES) PERM.PVMT.MARKING	8560	LF
6250005	"4"" WHITE BROKEN LINES -(GAPS EXCLUDED) - FAST DRY PAINT*"	10	LF
6250010	"4"" WHITE SOLID LINES (PVT. EDGE LINES) - FAST DRY PAINT"	290	LF
6250015	"8"" WHITE SOLID LINES (CROSSWALK & CHANNELIZATION) FAST DRY PAINT *"	745	LF
6250020	12" WHITE SOLID LINES - FAST DRY PAINT	525	LF
6250025	"24"" WHITE SOLID LINES (STOP/DIAGONAL LINES) - FAST DRY PAINT"	1630	LF
6250030	"WHITE SINGLE ARROW (LEFT, STRAIGHT, RIGHT) - FAST DRY	11	EA
6250035	"WHITE WORD MESSAGE - ONLY, SLOW, STOP - FAST DRY PAINT	6	EA
6250040	WHITE COMBINATION ARROW (STR. & RT. OR STR. & LT.) - FAST DRY PAINT	9	EA
6250105	"4"" YELLOW BROKEN LINES -(GAPS EXCLUDED) - FAST DRY PAINT"	10	LF
6250110	"4"" YELLOW SOLID LINE (PVT. EDGE & NO PASSING) - FAST DRY PAINT"	8560	LF
6251023	48IN X 48 IN WHITE YIELD TRIANGLE FAST DRY	65	EA
6300005	"PERMANENT CLEAR PAVEMENT MARKERS - MONO-DIR. - 4""X4"" *"	320	EA
6301100	"PERMANENT YELLOW PAVEMENT MARKER BI- DIR. - 4""x4""	59	EA
7141112	15" RC PIPE CULVERT - CLASS III (IN PLACE)*	24	LF
7197110	ADJUST CATCH BASIN (REPAIR C.B. TYPE 1)	3	EA
7197130	ADJUST DROP INLET	3	EA
7203210	CONCRETE CURB AND GUTTER 2'0"	580	LF
7204100	CONCRETE SIDEWALK (4-IN UNIFORM)*	155	SY
7204900	DETECTABLE WARNING SURFACE (Cast in place where applicable)	140	SF
7205000	"CONCRETE DRIVEWAY (6"" UNIFORM)"	1490	SY
7209000	PEDESTRIAN RAMP CONTRUCTION	225	SY
8100001	PERMANENT VEGETATION	35.97	MSY
8152004	INLET STRUCTURE FILTER - TYPE F (WEIGHTED)*	50	LF

* THESE QUANTITIES ARE NOT SHOWN IN DETAIL BUT ARE INCLUDED TO BE USED AS DIRECTED BY THE ENGINEER

<u>SCDOT Spec</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>
8152007	SEDIMENT TUBE*	50	LF
8153000	SILT FENCE*	200	LF

* THESE QUANTITIES ARE NOT SHOWN IN DETAIL BUT ARE INCLUDED TO BE USED AS DIRECTED BY THE ENGINEER

Manhole Report

Map Number	Route	Manhole	Lower	Raise	Valve	Lower	Raise
1	LONGBRANCH DR	1		1			
1	OLNEY RD	1					
2	SAN MIGUEL RD				1		
3	DAVAN DR	2		2			
3	REGIS CT	1		1			
3	WENDY LN	1		1			
4	ASHLAND DR	1					
4	AUTUMN LN	3		3			
4	BAMBOO DR				1		1
4	BRYJO PL	2		2			
4	ELTON CT	1		1			
4	FUSELER RD	1		1	1		1
4	MURRAY HILL DR	5		5			
4	PLAINFIELD DR	1		1			
5	CAMELOT DR	1		1			
5	CARSON DR	1		1			
5	JOSHUA DR	1		1			
5	POOSHEE DR	4		4			
5	TARA RD	1		1			
6	NORTHBRIDGE DR	6		6	1		1
6	SOMERSET CIR	2		2	1		1
7	WESTMINSTER RD	1		1	1		1
7	WINCHESTER DR	3		3			
8	BENT TWIG LN	2		2	1		1
8	BOARDMAN RD	5		4			
8	EXETER CT	1					
8	FAIRFAX CT	1		1			
8	MUELLER DR	7		7			
9	BANBURY RD	2					
9	HASTINGS CT	1	1				
9	MARIAS CT	1	1				
9	SULGRAVE RD	1					
10	AMBASSADOR LN	1		1			
10	BISHOP DR	2		2	1		1
10	CHANCELLORY LN				1		1
10	LUKE ST	2		2			
10	MISSION AV	1		1			

1. Figures are representative estimates alerting to potential issues, exact quantities to be confirmed in field by contractor.

2. The Contractor must coordinate with the Utility Company to determine the best practice for correcting conditions in the field. The Charleston County Utility Coordinator will assist the Contractor with the coordination.

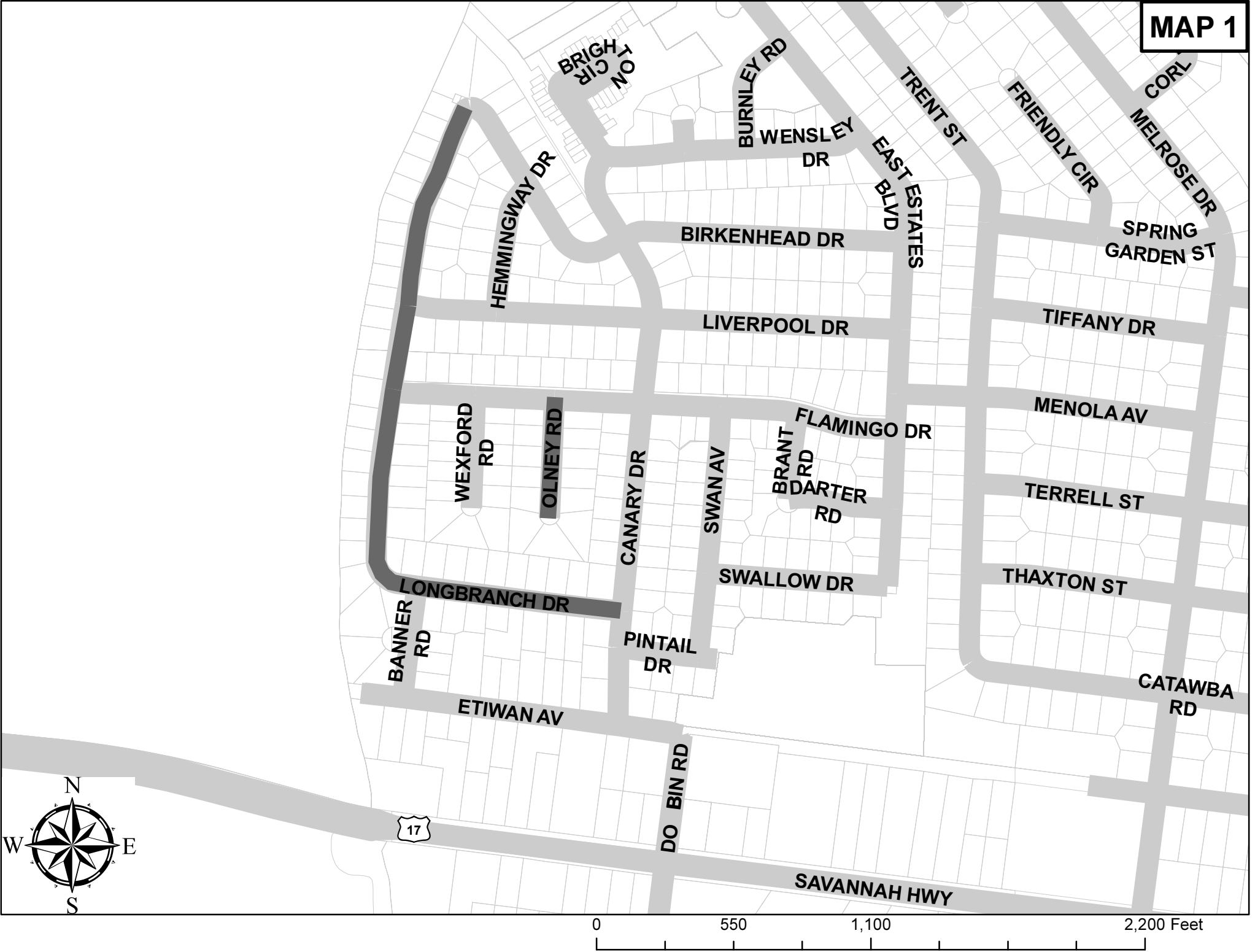
3. Roadway Milling was taken into consideration when this table was developed. However, this is an estimate and the Contractor must complete their own assessment of the manholes and valves to determine the amount of adjustment necessary to ensure a smooth ride.

Manhole Report

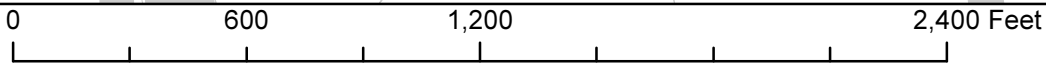
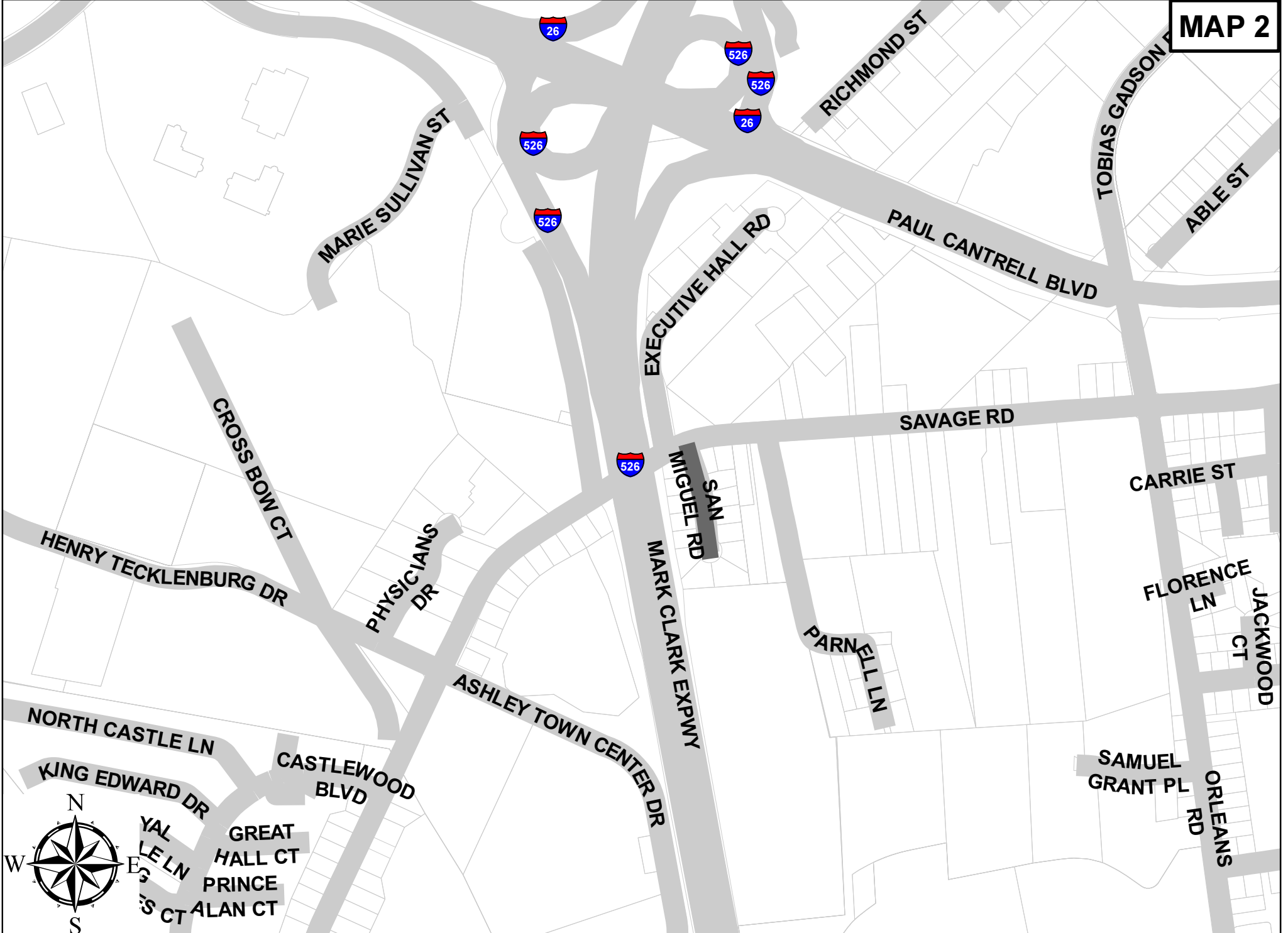
Map Number	Route	Manhole	Lower	Raise	Valve	Lower	Raise
10	VESPERS DR	2		2			
11	ASSEMBLY DR	1		1	1		1
12	MEDICAL PLAZA DR	1					

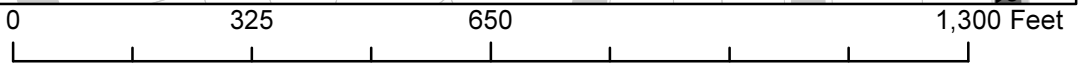
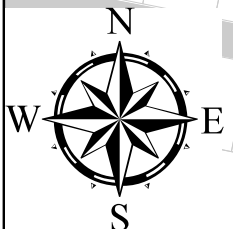
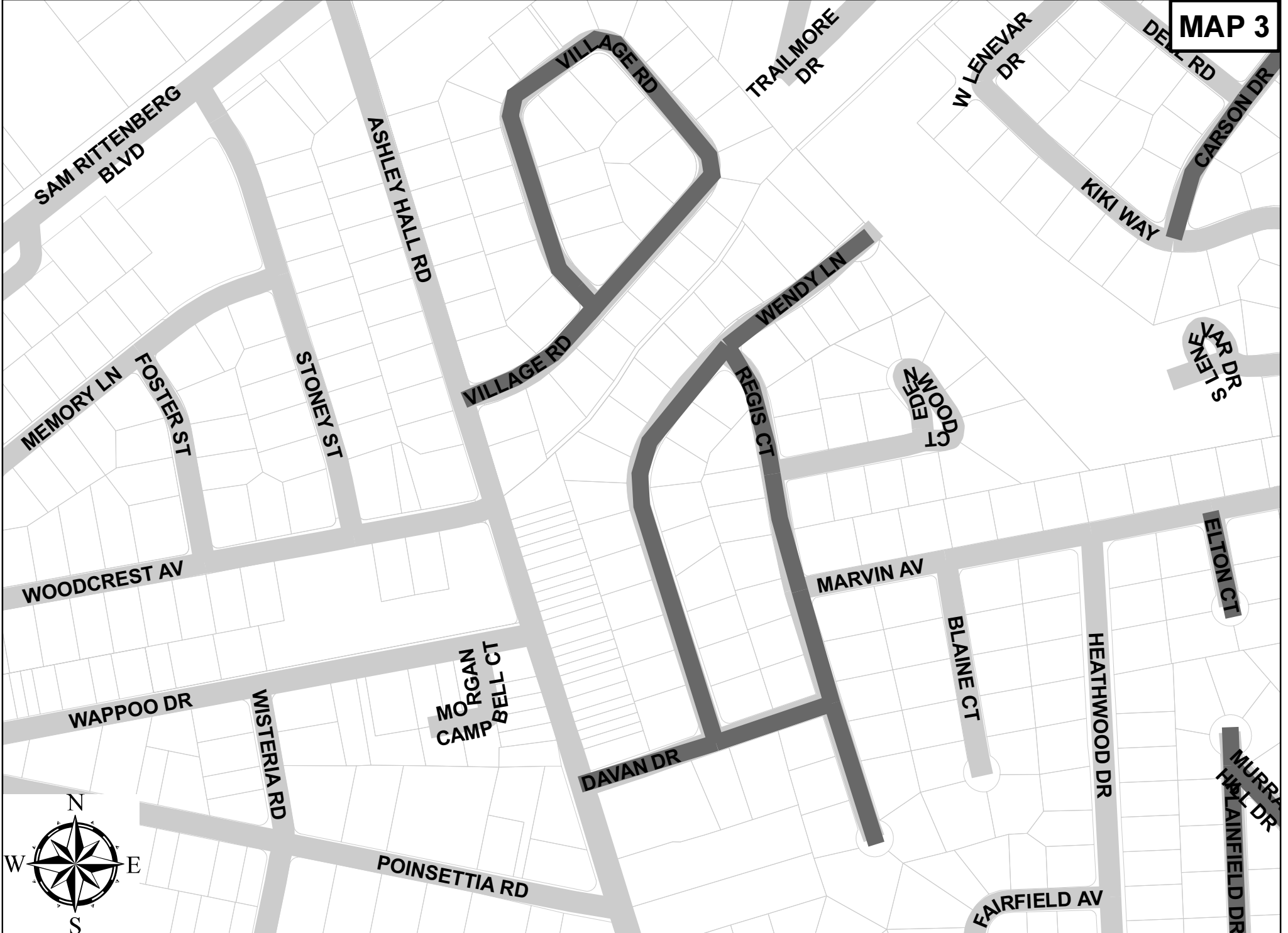
- 1.Figures are representative estimates alerting to potential issues, exact quantities to be confirmed in field by contractor.
- 2.The Contractor must coordinate with the Utility Company to determine the best practice for correcting conditions in the field. The Charleston County Utility Coordinator will assist the Contractor with the coordination.
- 3.Roadway Milling was taken into consideration when this table was developed. However, this is an estimate and the Contractor must complete their own assessment of the manholes and valves to determine the amount of adjustment necessary to ensure a smooth ride.

MAP 1

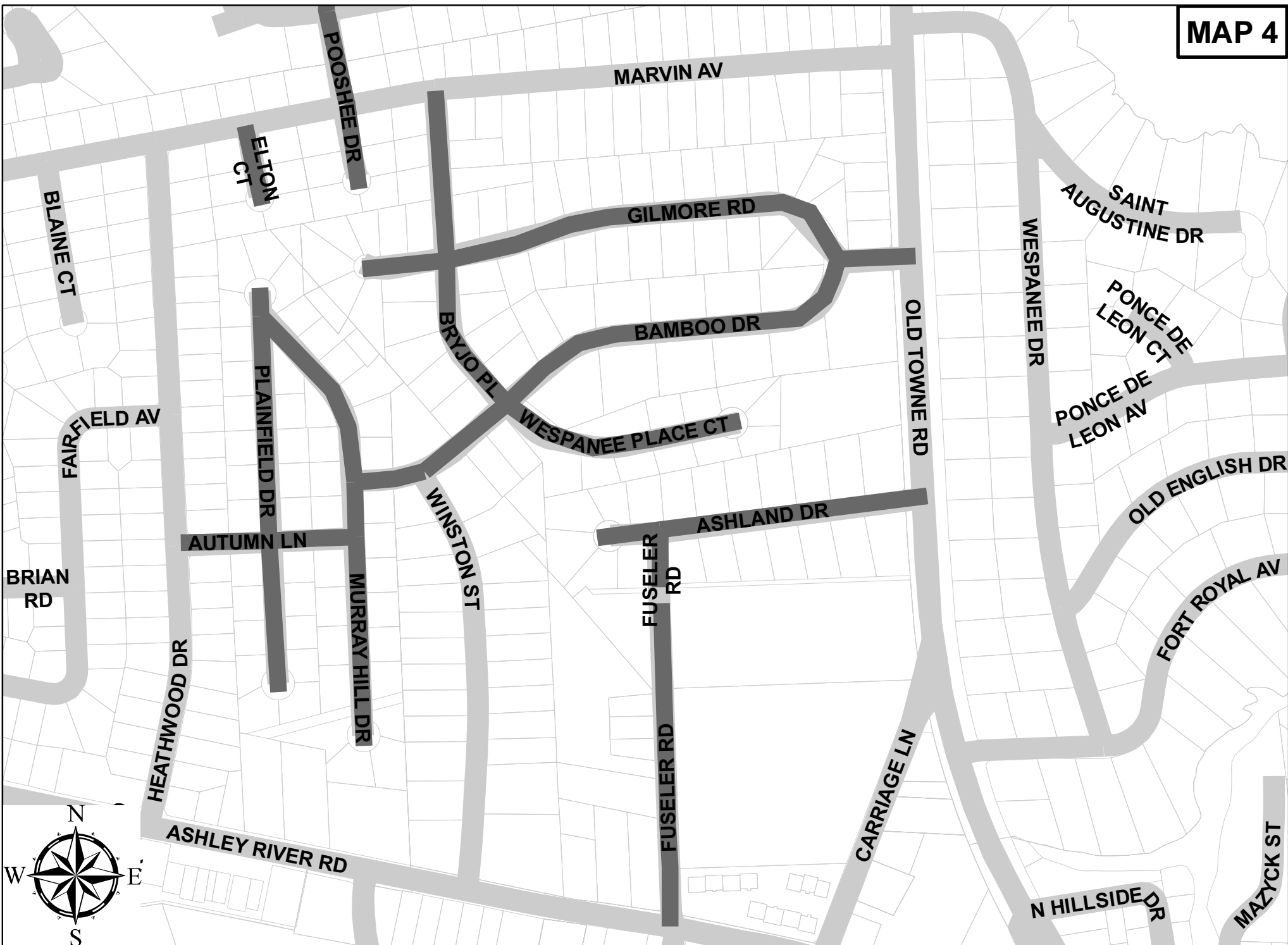


MapNumber													
	Route												
	2023000 REMOVAL & DISPOSAL OF EXISTING PAVEMENT (CONCRETE DRIVE												
	2033000 BORROW EXCAVATION (FOR SHOULDERS) *												
	4011004 LIQUID ASPHALT BINDER PG 64-22												
	4012040 "FULL DEPTH ASPH_PAV_PATCHING 4'" UNIFORM"												
	4012040D FULL DEPTH ASPH_PAV_PATCHING FOR DRIVES 4" UNIFORM												
	4013990 "VARIABLE MILLING EXISTING ASPHALT PAVEMENT FOR KEY-INS												
	4113340 WARM MIX ASPHALT SURFACE COURSE TYPE C												
	4113340D WARM MIX ASPHALT SURFACE COURSE TYPE C FOR DRIVES & I												
	6241025 24" WHITE SOLID LINES (STOP/DIAG LINES)-PERM_PVMT_MARKI												
	6250025 "24'" WHITE SOLID LINES (STOP/DIAGONAL LINES) - FAST DR												
	7205000 "CONCRETE DRIVEWAY (6'" UNIFORM)"												
	8100001 PERMANENT VEGETATION												
1	LONGBRANCH DR	25	46	31	750	50	75	500	15	36	36	25	1.7
1	OLNEY RD	30	7	6	50	0	25	90	5	12	12	30	0.3
	Total	55	53	37	800	50	100	590	20	48	48	55	1.94





MapNumber													
Route													
2023000	REMOVAL & DISPOSAL OF EXISTING PAVEMENT (CONCRETE DRIVE												
2033000	BORROW EXCAVATION (FOR SHOULDERS) *												
4011004	LIQUID ASPHALT BINDER PG 64-22												
4012040	"FULL DEPTH ASPH_ PAV_ PATCHING 4"" UNIFORM"												
4012040D	FULL DEPTH ASPH_ PAV_ PATCHING FOR DRIVES 4" UNIFORM												
4013990	"VARIABLE MILLING EXISTING ASPHALT PAVEMENT FOR KEY-INS												
4113340	WARM MIX ASPHALT SURFACE COURSE TYPE C												
4113340D	WARM MIX ASPHALT SURFACE COURSE TYPE C FOR DRIVES & I												
6241025	24" WHITE SOLID LINES (STOP/DIAG LINES)-PERM_PVMT_MARKI												
6250025	"24"" WHITE SOLID LINES (STOP/DIAGONAL LINES) - FAST DR												
7205000	"CONCRETE DRIVEWAY (6"" UNIFORM)"												
8100001	PERMANENT VEGETATION												
3	DAVAN DR	0	5	7	75	40	0	100	15	30	30	0	0.1
3	REGIS CT	0	9	13	100	0	0	195	25	48	48	0	0.5
3	VILLAGE RD	0	14	22	100	0	25	320	49	12	12	0	0.67
3	WENDY LN	75	14	13	300	0	0	230	10	12	12	75	0.67
	Total	75	42	55	575	40	25	845	99	102	102	75	1.94



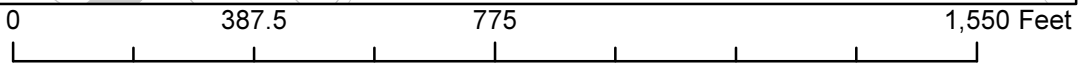
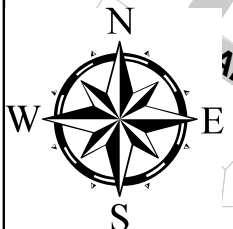
MapNumber	Route	2023000 REMOVAL & DISPOSAL OF EXISTING PAVEMENT (CONCRETE DRIVE	2024100 REMOVAL & DISPOSAL OF EXISTING CONCRETE GUTTER *	2033000 BORROW EXCAVATION (FOR SHOULDERS) *	4011004 LIQUID ASPHALT BINDER PG 64-22	4012040 "FULL DEPTH ASPH_ PAV_ PATCHING 4"" UNIFORM"	4012040D FULL DEPTH ASPH_ PAV_ PATCHING FOR DRIVES 4" UNIFORM	4013150 MILLING EXISTING ASPHALT PAVEMENT 1_5"	4013155 VARIABLE EDGE MILLING 1_5"	4013990 "VARIABLE MILLING EXISTING ASPHALT PAVEMENT FOR KEY-INS	4113340 WARM MIX ASPHALT SURFACE COURSE TYPE C	4113340D WARM MIX ASPHALT SURFACE COURSE TYPE C FOR DRIVES & I	6241015 8" WHITE SOLID LINES PERM_PVMT_MARKINGS	6241023A 48IN X 48 IN WHITE YIELD TRIANGLE – PERM_PVMT_MARKING	6241025 24" WHITE SOLID LINES (STOP/DIAG LINES)-PERM_PVMT_MARKI	6241074 4" YELLOW SOLID LINES(PVT_EDGE LINES) PERM_PVMT_MARKING	6250015 "8"" WHITE SOLID LINES (CROSSWALK & CHANNELIZATION) FAS	6250025 "24"" WHITE SOLID LINES (STOP/DIAGONAL LINES) - FAST DR	6250110 "4"" YELLOW SOLID LINE (PVT_EDGE & NO PASSING) - F	6251023 48IN X 48 IN WHITE YIELD TRIANGLE FAST DRY	6300005 "PERMANENT CLEAR PAVEMENT MARKERS - MONO-DIR_ - 4""X4""	6301100 "PERMANENT YELLOW PAVEMENT MARKER BI- DIR_ - 4""	7203210 CONCRETE CURB AND GUTTER 2'0"	7205000 "CONCRETE DRIVEWAY (6"" UNIFORM)"	8100001 PERMANENT VEGETATION
4	ASHLAND DR	50	60	0	15	200	0	3100	0	0	250	5	0	0	20	0	0	20	0	0	0	0	60	50	0
4	AUTUMN LN	0	0	9	7	100	0	0	0	100	100	20	0	0	24	0	0	24	0	0	0	0	0	0	0.4
4	BAMBOO DR	0	0	18	21	175	0	0	0	100	290	65	0	4	36	0	0	36	0	4	20	22	0	0	0.67
4	BRYJO PL	75	0	9	14	300	20	0	0	150	170	60	0	0	60	0	0	60	0	0	0	14	0	75	0.33
4	ELTON CT	50	0	2	4	50	0	0	0	25	40	5	0	0	0	0	0	0	0	0	0	0	0	50	0.05
4	FUSELER RD	0	40	12	17	150	50	1175	0	25	250	35	120	0	16	0	120	16	0	0	0	0	40	0	0.67
4	GILMORE RD	25	0	14	22	100	50	0	0	0	290	75	0	4	36	2800	0	36	2800	4	20	23	0	25	0.67
4	MURRAY HILL DR	25	0	9	18	175	20	0	50	0	230	66	0	0	12	0	0	12	0	0	0	0	0	25	0.67
4	PLAINFIELD DR	25	0	14	16	125	0	0	50	75	205	66	0	0	0	0	0	0	0	0	0	0	0	25	0.67
4	WESPANEE PLACE CT	0	0	0	9	100	0	2000	0	0	140	5	0	0	12	0	0	12	0	0	0	0	0	0	0
	Total	250	100	87	143	1475	140	6275	100	475	1965	402	120	8	216	2800	120	216	2800	8	40	59	100	250	4.13

*Garden on Fuseler Rd blocking through traffic to remain.

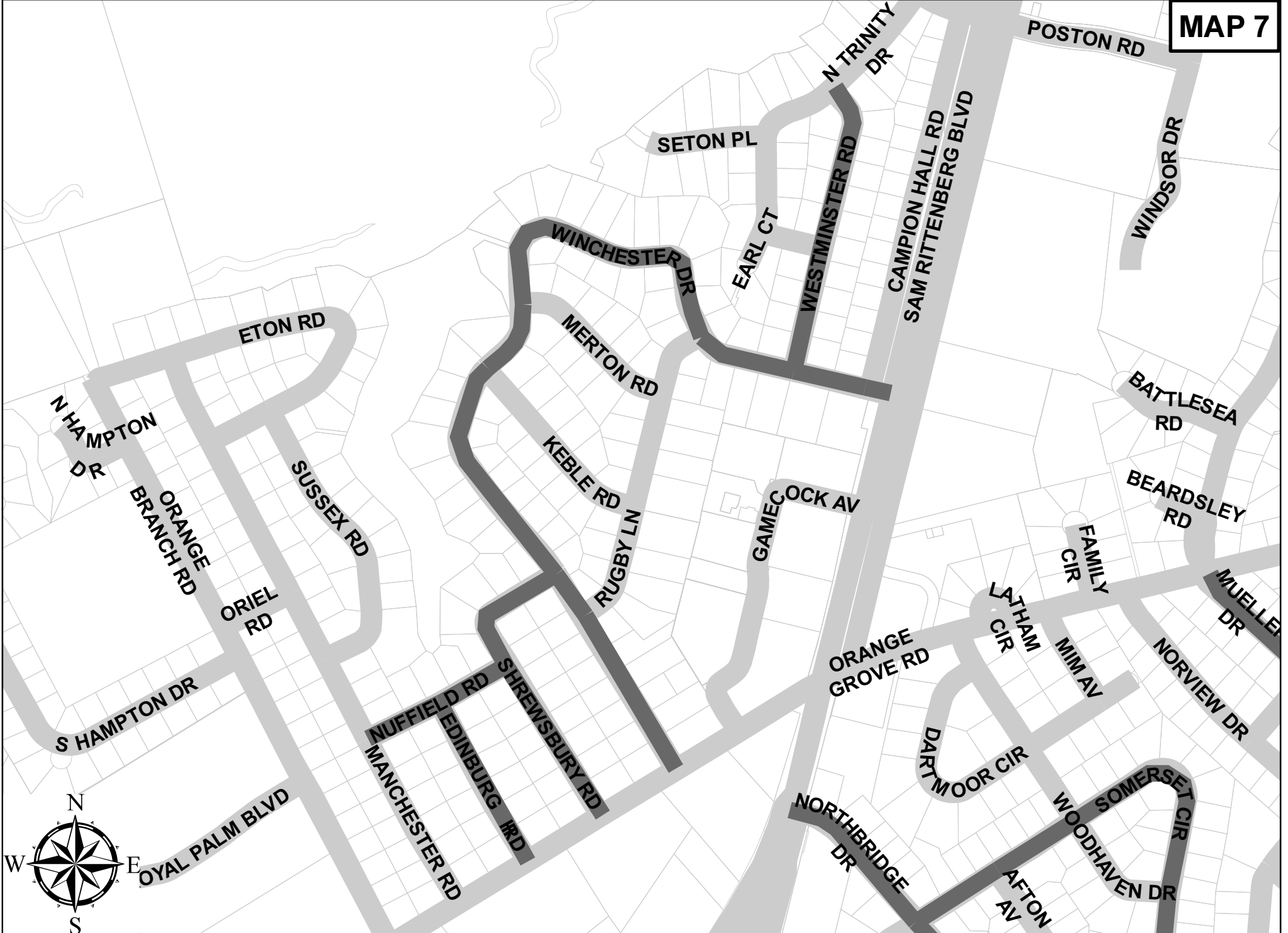


MapNumber															
	Route														
	2023000 REMOVAL & DISPOSAL OF EXISTING PAVEMENT (CONCRETE DRIVE														
	2033000 BORROW EXCAVATION (FOR SHOULDERS) *														
	4011004 LIQUID ASPHALT BINDER PG 64-22														
	4012040 "FULL DEPTH ASPH_ PAV_ PATCHING 4"" UNIFORM"														
	4012040D FULL DEPTH ASPH_ PAV_ PATCHING FOR DRIVES 4" UNIFORM														
	4013990 "VARIABLE MILLING EXISTING ASPHALT PAVEMENT FOR KEY-INS														
	4113340 WARM MIX ASPHALT SURFACE COURSE TYPE C														
	4113340D WARM MIX ASPHALT SURFACE COURSE TYPE C FOR DRIVES & I														
	4113360 WARM MIX ASPHALT SURFACE COURSE TYPE E														
	6241025 24" WHITE SOLID LINES (STOP/DIAG LINES)-PERM_PVMT_MARKI														
	6250025 "24"" WHITE SOLID LINES (STOP/DIAGONAL LINES) - FAST DR														
	7197130 ADJUST DROP INLET														
	7205000 "CONCRETE DRIVEWAY (6"" UNIFORM)"														
	8100001 PERMANENT VEGETATION														
5	CAMELOT DR	25	9	11	100	10	50	135	43	0	20	20	0	25	0.33
5	CARSON DR	25	9	15	50	10	100	200	32	15	48	48	0	25	0.33
5	JOSHUA DR	0	9	19	200	0	125	245	59	9	60	60	0	0	0.5
5	POOSHEE DR	0	28	34	500	0	0	480	84	0	108	108	0	0	1.2
5	TARA RD	25	14	20	500	0	0	270	55	0	50	50	1	25	0.67
	Total	75	69	99	1350	20	275	1330	273	24	286	286	1	75	3.03

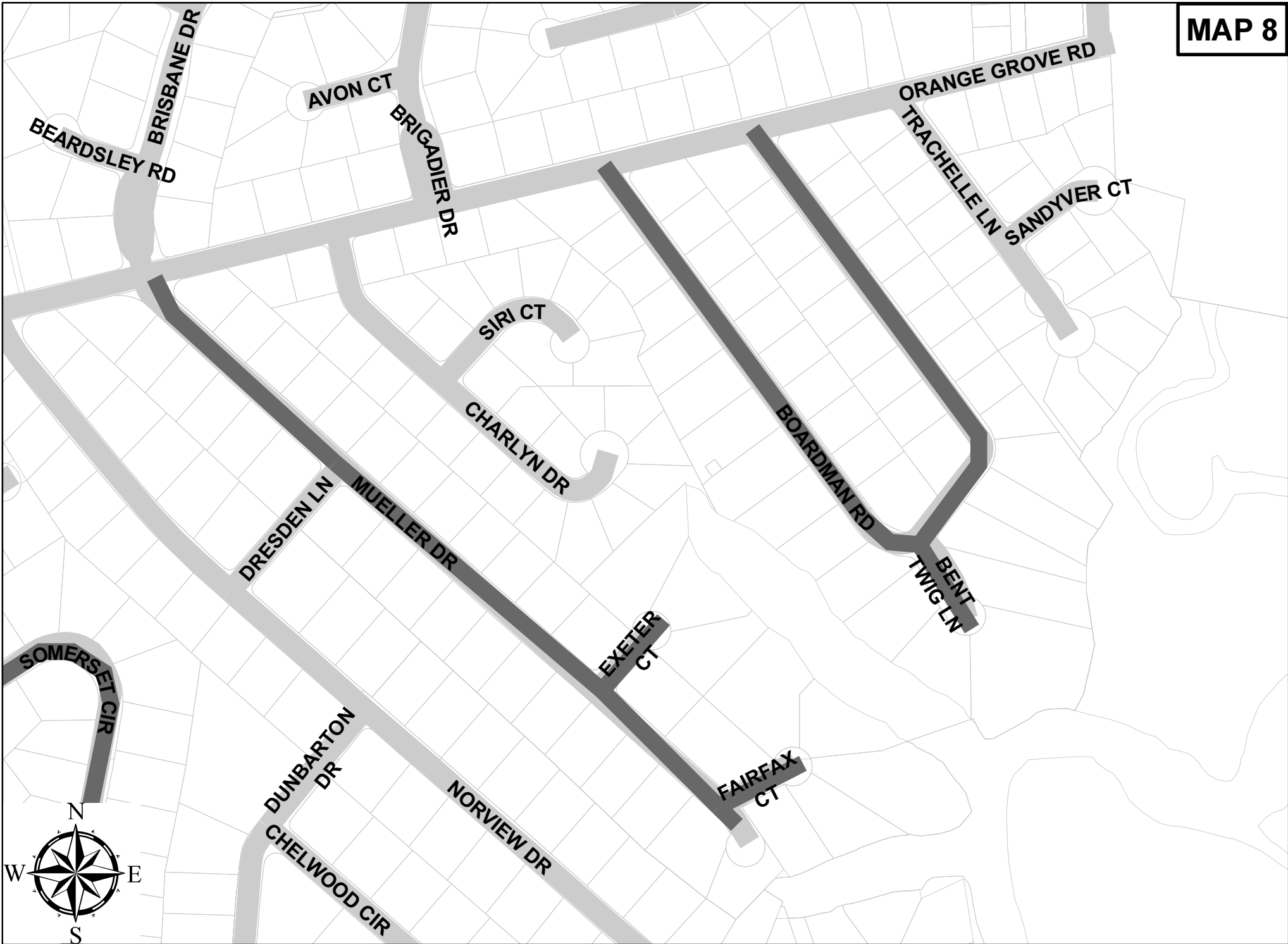
MAP 6



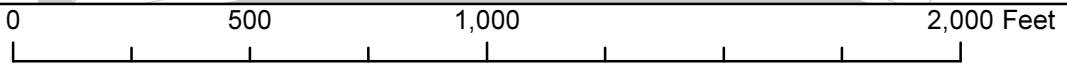
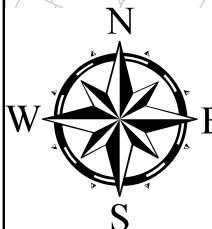
MapNumber	Route	2023000	2023000	4011004	4012040	4012040D	4013150	4013990	4113340	4113340D	6241015	6241023A	6241025	6250015	6250025	6251023	6300005	7205000	8100001
		REMOVAL & DISPOSAL OF EXISTING PAVEMENT (CONCRETE DRIVE	BORROW EXCAVATION (FOR SHOULDERS) *	LIQUID ASPHALT BINDER PG 64-22	"FULL DEPTH ASPH_PAV_PATCHING 4"" UNIFORM"	FULL DEPTH ASPH_PAV_PATCHING FOR DRIVES 4" UNIFORM	MILLING EXISTING ASPHALT PAVEMENT 1_5"	"VARIABLE MILLING EXISTING ASPHALT PAVEMENT FOR KEY-INS	WARM MIX ASPHALT SURFACE COURSE TYPE C	WARM MIX ASPHALT SURFACE COURSE TYPE C FOR DRIVES & I	8" WHITE SOLID LINES PERM_PVMT_MARKINGS	48IN X 48 IN WHITE YIELD TRIANGLE – PERM_PVMT_MARKING	24" WHITE SOLID LINES (STOP/DIAG LINES)-PERM_PVMT_MARKI	8"" WHITE SOLID LINES (CROSSWALK & CHANNELIZATION) FAS	24"" WHITE SOLID LINES (STOP/DIAGONAL LINES) - FAST DR	48IN X 48 IN WHITE YIELD TRIANGLE FAST DRY	"PERMANENT CLEAR PAVEMENT MARKERS - MONO-DIR_- 4""X4""	"CONCRETE DRIVEWAY (6"" UNIFORM)"	PERMANENT VEGETATION
6	NORTHBRIDGE DR	50	46	40	985	50	0	275	550	110	115	12	132	115	132	12	60	50	1.7
6	SOMERSET CIR	120	46	42	400	100	0	150	525	175	0	8	96	0	96	8	40	120	1.7
6	WEST BATTERY LN	0	0	5	100	0	950	0	80	5	0	0	0	0	0	0	0	0	0
	Total	170	92	87	1485	150	950	425	1155	290	115	20	228	115	228	20	100	170	3.4



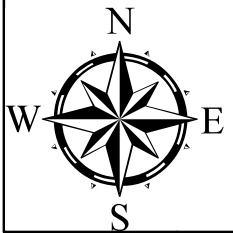
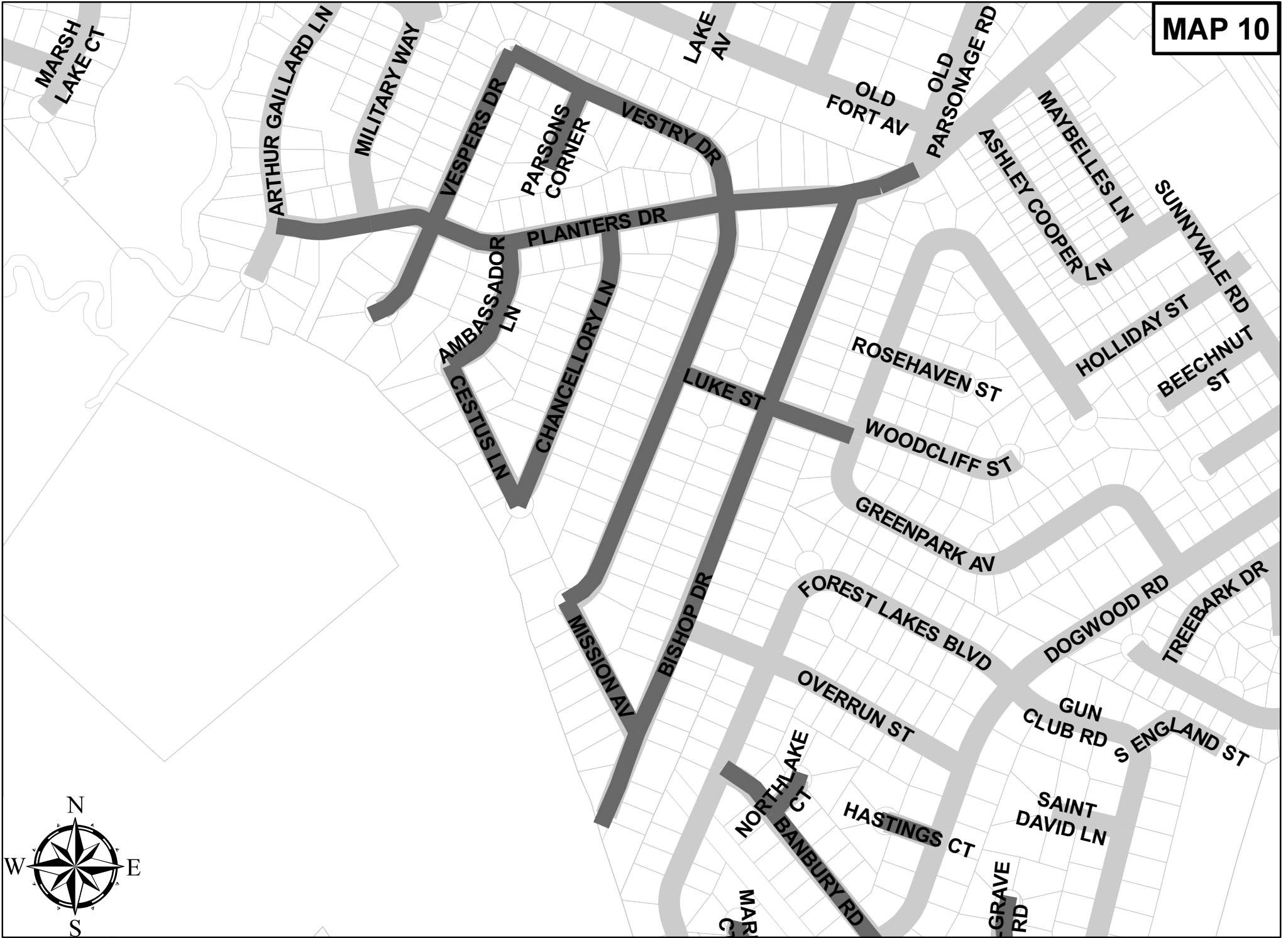
MapNumber																
Route																
2023000	REMOVAL & DISPOSAL OF EXISTING PAVEMENT (CONCRETE DRIVE															
2033000	BORROW EXCAVATION (FOR SHOULDERS) *															
4011004	LIQUID ASPHALT BINDER PG 64-22															
4012040	"FULL DEPTH ASPH_PAV_PATCHING 4"" UNIFORM"															
4013155	VARIABLE EDGE MILLING 1_5"															
4013990	"VARIABLE MILLING EXISTING ASPHALT PAVEMENT FOR KEY-INS															
4113340	WARM MIX ASPHALT SURFACE COURSE TYPE C															
4113340D	WARM MIX ASPHALT SURFACE COURSE TYPE C FOR DRIVES & I															
4113360	WARM MIX ASPHALT SURFACE COURSE TYPE E															
6241020	12" WHITE SOLID LINES - PERM_PVMT_MARKINGS															
6241025	24" WHITE SOLID LINES (STOP/DIAG LINES)-PERM_PVMT_MARKI															
6250020	12" WHITE SOLID LINES - FAST DRY PAINT															
6250025	"24"" WHITE SOLID LINES (STOP/DIAGONAL LINES) - FAST DR															
7205000	"CONCRETE DRIVEWAY (6"" UNIFORM)"															
8100001	PERMANENT VEGETATION															
7	EDINBURGH RD	0	9	10	100	0	50	150	10	14	175	24	175	24	0	0.3
7	NUFFIELD RD	0	9	9	150	0	50	125	15	14	0	24	0	24	0	0.3
7	SHREWSBURY RD	75	13	18	350	0	75	250	24	27	175	24	175	24	75	0.6
7	WESTMINSTER RD	0	13	17	275	50	75	235	24	27	175	36	175	36	0	0.6
7	WINCHESTER DR	50	46	60	500	75	200	850	58	93	0	96	0	96	50	1.5
	Total	125	90	114	1375	125	450	1610	131	175	525	204	525	204	125	3.3



MapNumber													
	Route												
	2023000 REMOVAL & DISPOSAL OF EXISTING PAVEMENT (CONCRETE DRIVE												
	2033000 BORROW EXCAVATION (FOR SHOULDERS) *												
	4011004 LIQUID ASPHALT BINDER PG 64-22												
	4012040 "FULL DEPTH ASPH_PAV_PATCHING 4"" UNIFORM"												
	4012040D FULL DEPTH ASPH_PAV_PATCHING FOR DRIVES 4" UNIFORM												
	4013990 "VARIABLE MILLING EXISTING ASPHALT PAVEMENT FOR KEY-INS												
	4113340 WARM MIX ASPHALT SURFACE COURSE TYPE C												
	4113340D WARM MIX ASPHALT SURFACE COURSE TYPE C FOR DRIVES & I												
	6241025 24" WHITE SOLID LINES (STOP/DIAG LINES)-PERM_PVMT_MARKI												
	6250025 "24"" WHITE SOLID LINES (STOP/DIAGONAL LINES) - FAST DR												
	7205000 "CONCRETE DRIVEWAY (6"" UNIFORM)"												
	8100001 PERMANENT VEGETATION												
8	BENT TWIG LN	30	3	3	200	0	0	40	5	12	12	60	0.1
8	BOARDMAN RD	0	28	29	125	10	50	350	132	28	28	0	1
8	EXETER CT	30	3	3	100	0	0	40	5	0	0	30	0.1
8	FAIRFAX CT	0	3	3	50	0	0	40	5	0	0	0	0.1
8	MUELLER DR	0	25	19	220	0	25	280	45	12	12	0	1
	Total	60	62	57	695	10	75	750	192	52	52	90	2.3

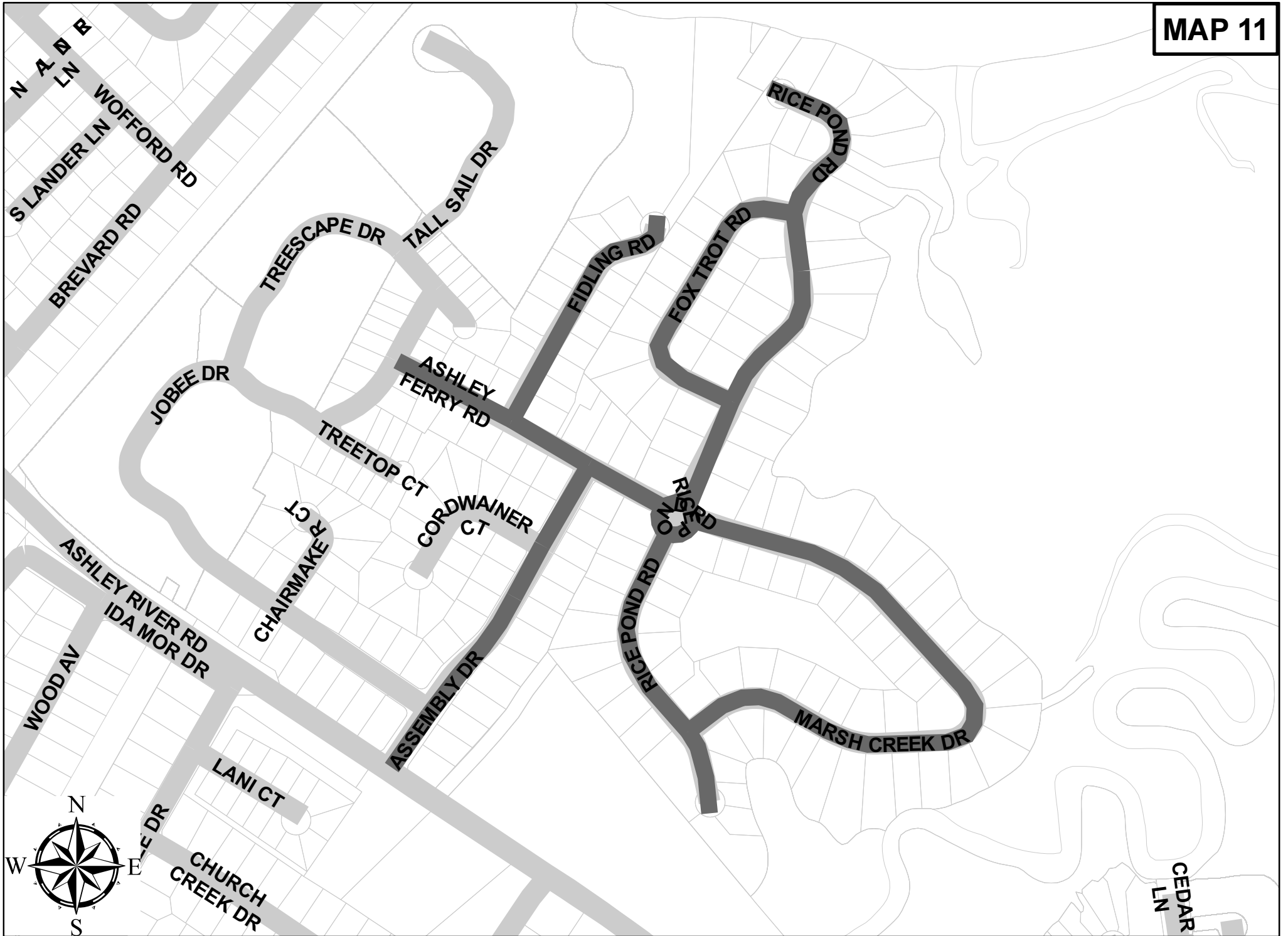


MapNumber																
	Route															
	2023000 REMOVAL & DISPOSAL OF EXISTING PAVEMENT (CONCRETE DRIVE															
	2024100 REMOVAL & DISPOSAL OF EXISTING CONCRETE GUTTER *															
	2027000 REMOVAL & DISPOSAL OF EXISTING CONCRETE SIDEWALK *															
	4011004 LIQUID ASPHALT BINDER PG 64-22															
	4012040 "FULL DEPTH ASPH_PAV_PAVING 4" UNIFORM"															
	4013150 MILLING EXISTING ASPHALT PAVEMENT 1_5"															
	4113340 WARM MIX ASPHALT SURFACE COURSE TYPE C															
	4113340D WARM MIX ASPHALT SURFACE COURSE TYPE C FOR DRIVES & I															
	6241025 24" WHITE SOLID LINES (STOP/DIAG LINES)-PERM_PVMT_MARKI															
	6250025 "24" WHITE SOLID LINES (STOP/DIAGONAL LINES) - FAST DR															
	7203210 CONCRETE CURB AND GUTTER 2'0"															
	7204100 CONCRETE SIDEWALK (4-IN UNIFORM)*															
	7204900 DETECTABLE WARNING SURFACE (Cast in place where applica															
	7205000 "CONCRETE DRIVEWAY (6" UNIFORM)"															
	7209000 PEDESTRIAN RAMP CONSTRUCTION															
9	BANBURY CT	0	20	0	4	150	0	65	5	12	12	20	0	0	0	0
9	BANBURY RD	0	20	20	35	750	7000	560	25	48	48	20	20	0	0	0
9	HASTINGS CT	0	0	0	4	100	750	60	5	12	12	0	0	0	0	0
9	MARIAS CT	0	0	0	6	100	1150	92	5	12	12	0	0	0	0	0
9	NORTHLAKE CT	0	0	0	3	50	600	50	5	12	12	0	0	0	0	0
9	SULGRAVE RD	50	50	70	40	850	8000	650	15	24	24	30	20	20	50	50
	Total	50	90	90	92	2000	17500	1477	60	120	120	70	40	20	50	50



0 500 1,000 2,000 Feet

Map Number	Route	2023000	2024100	2027000	2033000	4011004	4012040	4012040D	4013150	4013990	4113340	4113340D	6241023A	6241025	6241074	6250025	6250035	6250110	6251023	6300005	7203210	7204100	7204900	7205000	7209000	8100001
		REMOVAL & DISPOSAL OF EXISTING PAVEMENT (CONCRETE DRIVE	REMOVAL & DISPOSAL OF EXISTING CONCRETE GUTTER *	REMOVAL & DISPOSAL OF EXISTING CONCRETE SIDEWALK *	BORROW EXCAVATION (FOR SHOULDERS) *	LIQUID ASPHALT BINDER PG 64-22	"FULL DEPTH ASPH_ PAV_ PATCHING 4"" UNIFORM"	FULL DEPTH ASPH_ PAV_ PATCHING FOR DRIVES 4" UNIFORM	MILLING EXISTING ASPHALT PAVEMENT 1_5"	"VARIABLE MILLING EXISTING ASPHALT PAVEMENT FOR KEY-INS	WARM MIX ASPHALT SURFACE COURSE TYPE C	WARM MIX ASPHALT SURFACE COURSE TYPE C FOR DRIVES & I	48IN X 48 IN WHITE YIELD TRIANGLE – PERM_PVMT_ MARKING	24" WHITE SOLID LINES (STOP/DIAG LINES)-PERM_PVMT_ MARKI	4" YELLOW SOLID LINES(PVT_EDGE LINES) PERM_PVMT_ MARKING	"24"" WHITE SOLID LINES (STOP/DIAGONAL LINES) - FAST DR	"WHITE WORD MESSAGE - ONLY, SLOW, STOP - FAST DRY PAINT	4"" YELLOW SOLID LINE (PVT_ EDGE & NO PASSING) - F	48IN X 48 IN WHITE YIELD TRIANGLE FAST DRY	"PERMANENT CLEAR PAVEMENT MARKERS - MONO-DIR_ - 4""X4""	CONCRETE CURB AND GUTTER 2'0"	CONCRETE SIDEWALK (4-IN UNIFORM)*	DETECTABLE WARNING SURFACE (Cast in place where applica	"CONCRETE DRIVEWAY 6"" UNIFORM)"	PEDESTRIAN RAMP CONSTRUCTION	PERMANENT VEGETATION
10	AMBASSADOR LN	25	0	0	6	6	100	0	0	0	87	15	0	12	0	12	0	0	0	0	0	0	0	25	0	0.2
10	BISHOP DR	100	0	0	32	27	420	0	0	100	410	34	4	48	0	48	0	0	4	20	0	0	0	100	0	1.2
10	CESTUS LN	0	0	0	7	8	200	0	0	0	125	20	0	0	0	0	0	0	0	0	0	0	0	25	0	0.3
10	CHANCELLORY LN	50	0	0	13	13	175	10	0	0	225	16	0	12	0	12	0	0	0	0	0	0	0	50	0	0.5
10	LUKE ST	0	0	0	9	9	200	10	0	0	120	29	0	48	0	48	0	0	0	0	0	0	0	0	0	0.3
10	MARSH CREEK DR	0	30	0	0	33	225	0	6700	0	540	10	0	14	0	14	0	0	0	0	30	0	0	0	0	0
10	MISSION AV	25	0	0	9	8	100	0	0	50	120	10	0	12	0	12	0	0	0	0	0	0	0	25	0	0.4
10	PARSONS CORNER	75	0	0	4	4	75	20	0	25	58	5	0	12	0	12	0	0	0	0	0	0	0	75	0	0.2
10	PLANTERS DR	25	0	90	23	27	250	30	1600	150	410	40	8	60	3100	60	3	3100	8	40	0	15	30	25	75	0.8
10	VESPER DR	50	0	0	14	0	100	10	0	50	200	13	4	0	0	0	0	0	4	20	0	0	0	50	0	0.5
10	VESTRY DR	50	0	0	37	31	275	0	0	50	450	74	4	36	0	36	0	0	4	20	0	0	0	50	0	1.3
	Total	400	30	90	154	166	2120	80	8300	425	2745	266	20	254	3100	254	3	3100	20	100	30	15	30	425	75	5.67



MapNumber															
	Route														
	2023000 REMOVAL & DISPOSAL OF EXISTING PAVEMENT (CONCRETE DRIVE														
	2024100 REMOVAL & DISPOSAL OF EXISTING CONCRETE GUTTER *														
	4011004 LIQUID ASPHALT BINDER PG 64-22														
	4012040 "FULL DEPTH ASPH _ PAV _ PATCHING 4'" UNIFORM"														
	4013150 MILLING EXISTING ASPHALT PAVEMENT 1_5"														
	4113340 WARM MIX ASPHALT SURFACE COURSE TYPE C														
	4113340D WARM MIX ASPHALT SURFACE COURSE TYPE C FOR DRIVES & I														
	6241023A 48IN X 48 IN WHITE YIELD TRIANGLE – PERM_PVMT_ MARKING														
	6241025 24" WHITE SOLID LINES (STOP/DIAG LINES)-PERM_PVMT_ MARKI														
	6250025 "24'" WHITE SOLID LINES (STOP/DIAGONAL LINES) - FAST DR														
	6251023 48IN X 48 IN WHITE YIELD TRIANGLE FAST DRY														
	6300005 "PERMANENT CLEAR PAVEMENT MARKERS - MONO-DIR_ - 4'"X4'"														
	7203210 CONCRETE CURB AND GUTTER 2'0"														
	7205000 "CONCRETE DRIVEWAY (6'" UNIFORM)"														
11	ASHLEY FERRY RD	50	40	17	200	3200	260	15	8	12	12	8	40	40	50
11	ASSEMBLY DR	25	50	29	350	5500	440	40	8	48	48	8	40	40	25
11	FIDLING RD	0	20	15	100	3000	240	10	0	14	14	0	0	20	0
11	FOX TROT RD	0	70	16	240	3100	250	10	0	24	24	0	0	30	0
11	RICE POND RD	25	50	46	300	10000	710	50	0	0	0	0	0	50	25
	Total	100	230	123	1190	24800	1900	125	16	98	98	16	80	180	100

