

COUNTY OF CHARLESTON

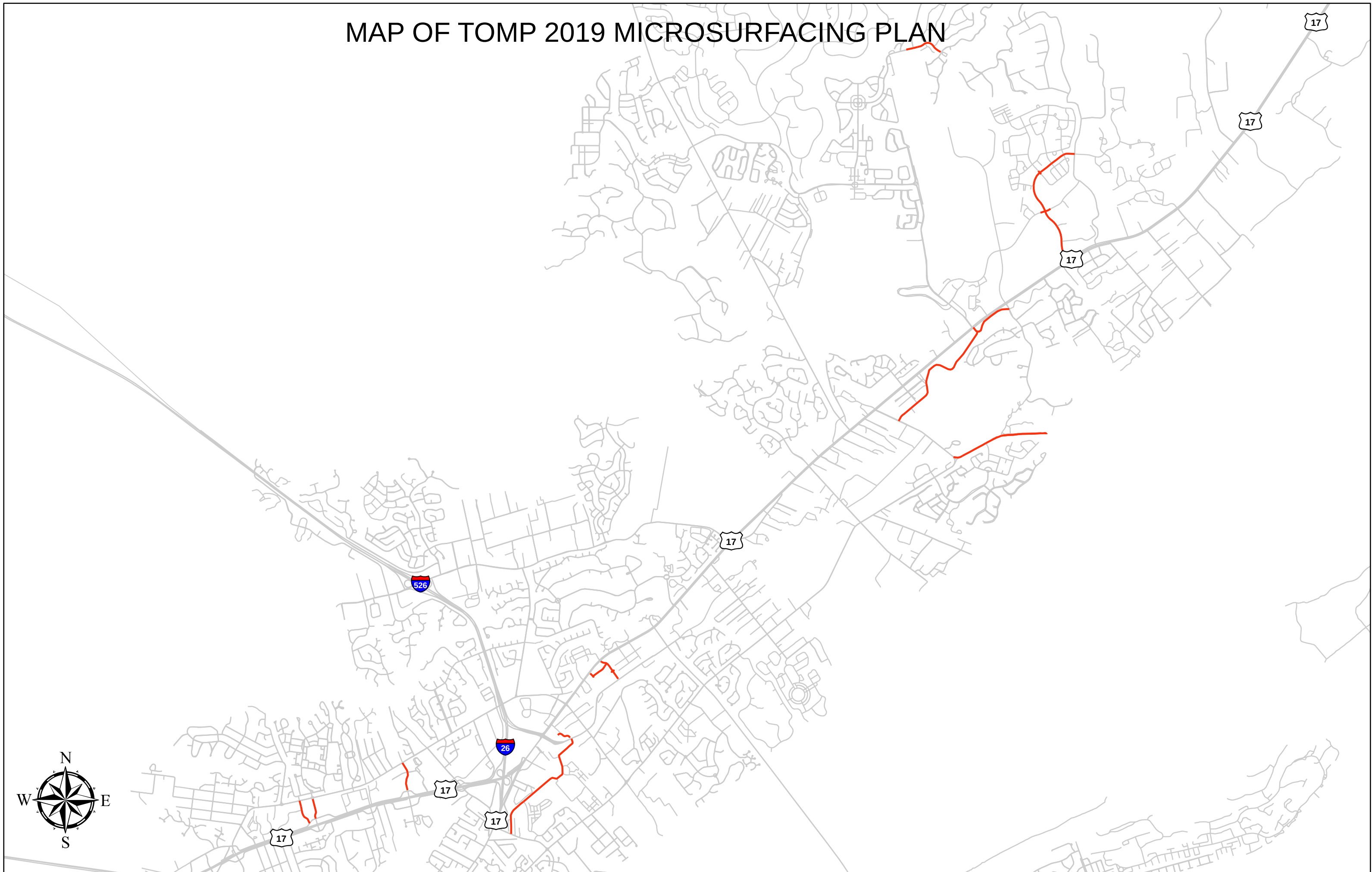


TOMP 2020 MICROSURFACING PLAN January 30,2020

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MAP OF TOMP 2019 MICROSURFACING PLAN



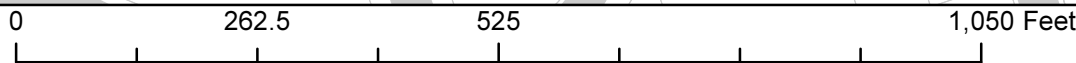
MapNumber	Route	Length	Width	Area	2027000 REMOVAL & DISPOSAL OF EXISTING CONCRETE SIDEWALK *	4015110 CLEAN AND SEAL CRACKS IN ASPHALT PAVEMENT	4100200 Micro Surfacing Surface Course	6241005 4" WHITE BROKEN LINES(GAPS EXCL_)PERM_PVMT_MARKING	6241010 4" WHITE SOLID LINES (PVT_EDGE LINES) PERM_PVMT_MARKIN	6241012 6" WHITE SOLID LINES (PVT_EDGE LINES) PERM_PVMT_MARKIN	6241020 12" WHITE SOLID LINES - PERM_PVMT_MARKINGS	6241023 12IN X 18IN WHITE TRIANG_YIELD BAR (GAPS EXC)PERM_PVMT	6241025 24" WHITE SOLID LINES (STOP/DIAG LINES)- PERM_PVMT_MARKI	6241030 WHITE SINGLE ARROWS (LT, STRIGHT, RT) PERM_PVMT_MARKING	6241034 WHITE WORD MESSAGE "YIELD" - PERM_PVMT_MARKING	6241035 WHITE WORD MESSAGE - ONLY, SLOW, STOP - PERM_PVMT_MARKIN	6241040 WHITE COMBINATION ARROWS(STR&RT_OR STR<)PERM_PVMT_MAR	6241041 WHITE COMBINATION FISH HOOK ARROW PERM_PVMT_MARKING	6241064 4" YELLOW BROKEN LINES(GAPS EXC)PERM_PVMT_MARKING	6241074 4" YELLOW SOLID LINES(PVT_EDGE LINES) PERM_PVMT_MARKING	6241080 24" YELLOW SOLID LINES - PERM_PVMT_MARKING	6250005 "4"" WHITE BROKEN LINES -(GAPS EXCLUDED) - FAST DRY PAI
2	ANNA KNAPP BLVD	3119	47	18109	0	0	9730	660	0	350	0	0	0	4	0	3	2	0	440	5040	0	660
7	CAROLINA PARK BLVD	11925	24	31800	0	4	31800	1510	630	0	330	50	1120	19	22	16	2	10	0	7220	0	1510
8	GREY MARSH RD	10061	26	27074	50	0	5570	0	0	0	60	0	0	0	0	0	0	0	0	4020	0	0
1	LOWCOUNTRY BLVD	1455	27	4303	0	0	3200	50	50	0	0	0	65	2	0	0	0	0	0	2400	0	50
4	MARKET CENTER BLVD	1343	47	7207	100	0	5250	130	170	0	190	0	470	4	0	0	6	0	0	970	0	130
4	MAZZY LN	1174	22	2869	0	0	2825	0	0	0	0	0	60	2	0	0	2	0	0	1680	0	0
3	MIDTOWN AV	2624	36	10495	0	0	16070	205	825	0	85	0	72	7	0	4	1	0	1100	6800	0	205
5	PORCHERS BLUFF RD	9441	19	19863	0	0	11750	0	8600	0	100	7	0	0	1	0	0	0	0	8800	24	0
1	S SHELMORE BLVD	1575	41	5908	0	0	5220	475	0	0	60	7	12	8	2	1	0	0	0	800	0	475
6	SOUTH MORGANS POINT RD	8750	24	23334	0	0	24485	170	300	0	230	0	160	12	0	1	2	0	0	17000	72	170
3	WATERMARK BLVD	3524	40	15663	0	0	12160	0	130	0	340	0	16	10	0	0	0	0	0	2680	0	0
	Total				150	4	128060	3200	10705	350	1395	64	1975	68	25	25	15	10	1540	57410	96	3200

MapNumber	Route	Length	Width	Area	6250010 "4"" WHITE SOLID LINES (PVT_EDGE LINES) - FAST DRY PAI	6250012 "6"" WHITE SOLID LINES (PVT_EDGE LINES) - FAST DRY PAI	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	6250034 WHITE WORD MESSAGE "YIELD" -FAST DRY	6250035 "WHITE WORD MESSAGE - ONLY, SLOW, STOP - FAST DRY PAINT	6250040 WHITE COMBINATION ARROW (STR_ & RT_ OR STR_ & LT_) -	6250105 "4"" YELLOW BROKEN LINES -(GAPS EXCLUDED) - FAST DRY PA	6250110 "4"" YELLOW SOLID LINE (PVT_EDGE & NO PASSING) - F	6250115 24" YELLOW SOLID DIAGONAL LINES - FAST DRY PAINT	6251023A 12IN X 18IN WHITE TRIANG_YIELD BAR (GAPS EXC) FAST DR	6251041 WHITE COMBINATION FISH HOOK ARROW FAST DRY	6300005 "PERMANENT CLEAR PAVEMENT MARKERS - MONO-DIR_ - 4""X4""	6301100 "PERMANENT YELLOW PAVEMENT MARKER BI- DIR_ - 4""	7204900 DETECTABLE WARNING SURFACE (Cast in place where applica	7209000 PEDESTRIAN RAMP CONTRUCTION
2	ANNA KNAPP BLVD	3119	47	18109	0	350	0	0	4	0	3	2	440	5040	0	0	0	0	0	0	0
7	CAROLINA PARK BLVD	11925	24	31800	630	0	330	1120	19	22	16	2	0	7220	0	50	10	75	0	0	0
8	GREY MARSH RD	10061	26	27074	0	0	60	0	0	0	0	0	0	4020	0	0	0	0	0	20	50
1	LOWCOUNTRY BLVD	1455	27	4303	50	0	0	65	2	0	0	0	0	2400	0	0	0	0	0	0	0
4	MARKET CENTER BLVD	1343	47	7207	170	0	190	470	4	0	0	6	0	970	0	0	0	0	0	40	100
4	MAZZY LN	1174	22	2869	0	0	0	60	2	0	0	2	0	1680	0	0	0	0	0	0	0
3	MIDTOWN AV	2624	36	10495	825	0	85	72	7	0	4	1	1100	6800	0	0	0	16	10	0	0
5	PORCHERS BLUFF RD	9441	19	19863	8600	0	100	0	0	1	0	0	0	8800	24	7	0	0	0	0	0
1	S SHELMORE BLVD	1575	41	5908	0	0	60	12	8	2	1	0	0	800	0	7	0	35	0	0	0
6	SOUTH MORGANS POINT RD	8750	24	23334	300	0	230	160	12	0	1	2	0	17000	72	0	0	0	0	0	0
3	WATERMARK BLVD	3524	40	15663	130	0	340	16	10	0	0	0	0	2680	0	0	0	0	0	0	0
	Total				10705	350	1395	1975	68	25	25	15	1540	57410	96	64	10	126	10	60	150

Quantity Sheet

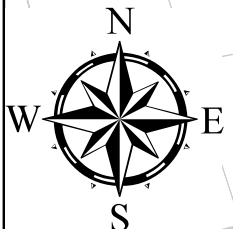
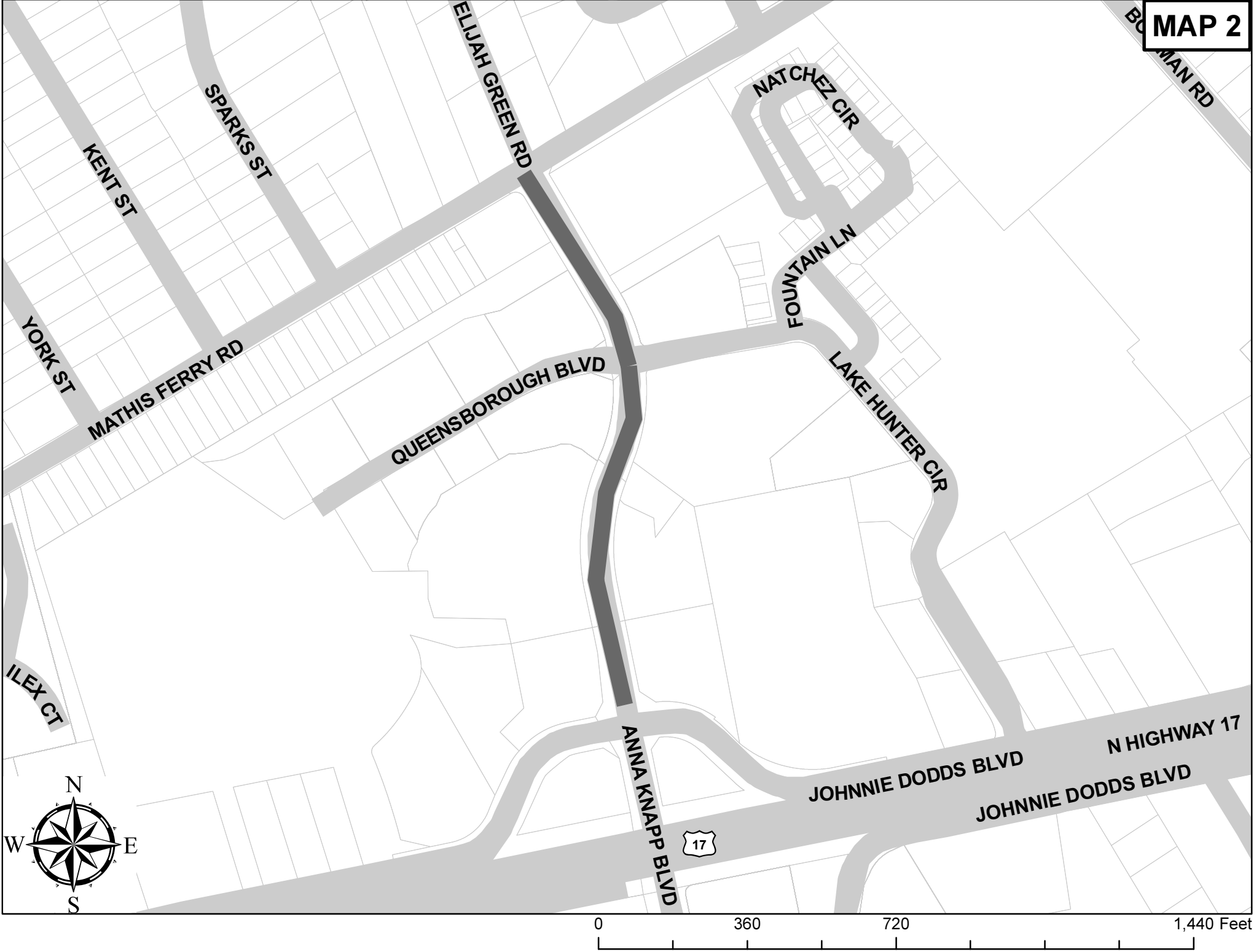
<u>SCDOT Spec</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>
1031000	Mobilization	1	LS
1071000	TRAFFIC CONTROL	1	LS
2027000	REMOVAL & DISPOSAL OF EXISTING CONCRETE SIDEWALK *	150	SY
2033000	BORROW EXCAVATION (FOR SHOULDERS) *	50	CY
4015110	CLEAN AND SEAL CRACKS IN ASPHALT PAVEMENT	4	LF
4100200	Micro Surfacing Surface Course	129460	SY
6241005	4" WHITE BROKEN LINES(GAPS EXCL.)PERM.PVMT.MARKING	3200	LF
6241010	4" WHITE SOLID LINES (PVT. EDGE LINES) PERM.PVMT.MARKING	10705	LF
6241012	6" WHITE SOLID LINES (PVT. EDGE LINES) PERM.PVMT.MARKING	350	LF
6241020	12" WHITE SOLID LINES - PERM.PVMT.MARKINGS	1395	LF
6241023	12IN X 18IN WHITE TRIANG. YIELD BAR (GAPS EXC)PERM.PVMT.MARK	64	LF
6241025	24" WHITE SOLID LINES (STOP/DIAG LINES)-PERM.PVMT.MARKING	1975	LF
6241030	WHITE SINGLE ARROWS (LT, STRGHT, RT) PERM.PVMT.MARKING	68	EA
6241034	WHITE WORD MESSAGE "YIELD" -PERM.PVMT.MARKING	25	EA
6241035	WHITE WORD MESSAGE - ONLY, SLOW, STOP -PERM.PVMT.MARKING	25	EA
6241040	WHITE COMBINATION ARROWS(STR&RT.OR STR<)PERM.PVMT.MARKING	15	EA
6241041	WHITE COMBINATION FISH HOOK ARROW PERM.PVMT.MARKING	10	EA
6241064	4" YELLOW BROKEN LINES(GAPS EXC)PERM.PVMT.MARKING	1540	LF
6241074	4" YELLOW SOLID LINES(PVT.EDGE LINES) PERM.PVMT.MARKING	57410	LF
6241080	24" YELLOW SOLID LINES - PERM.PVMT.MARKING	96	LF
6250005	"4"" WHITE BROKEN LINES -(GAPS EXCLUDED) - FAST DRY PAINT**	3200	LF
6250010	"4"" WHITE SOLID LINES (PVT. EDGE LINES) - FAST DRY PAINT"	10705	LF
6250012	"6"" WHITE SOLID LINES (PVT. EDGE LINES) - FAST DRY PAINT"	350	LF
6250020	12" WHITE SOLID LINES - FAST DRY PAINT	1395	LF
6250025	"24"" WHITE SOLID LINES (STOP/DIAGONAL LINES) - FAST DRY PAINT"	1975	LF
6250030	"WHITE SINGLE ARROW (LEFT, STRAIGHT, RIGHT) - FAST DRY	68	EA
6250034	WHITE WORD MESSAGE "YIELD" -FAST DRY	25	EA
6250035	"WHITE WORD MESSAGE - ONLY, SLOW, STOP - FAST DRY PAINT	25	EA
6250040	WHITE COMBINATION ARROW (STR. & RT. OR STR. & LT.) - FAST DRY PAINT	15	EA
6250105	"4"" YELLOW BROKEN LINES -(GAPS EXCLUDED) - FAST DRY PAINT"	1540	LF
6250110	"4"" YELLOW SOLID LINE (PVT. EDGE & NO PASSING) - FAST DRY PAINT"	57410	LF
6250115	24" YELLOW SOLID DIAGONAL LINES - FAST DRY PAINT	96	LF
6251023A	12IN X 18IN WHITE TRIANG. YIELD BAR (GAPS EXC) FAST DRY PAINT*	64	EA
6251041	WHITE COMBINATION FISH HOOK ARROW FAST DRY	10	EA
6300005	"PERMANENT CLEAR PAVEMENT MARKERS - MONO-DIR. - 4""x4""**	126	EA
6301100	"PERMANENT YELLOW PAVEMENT MARKER BI- DIR. - 4""x4""**	17	EA
7204900	DETECTABLE WARNING SURFACE (Cast in place where applicable)	65	SF
7209000	PEDESTRIAN RAMP CONTRUCTION	160	SY

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

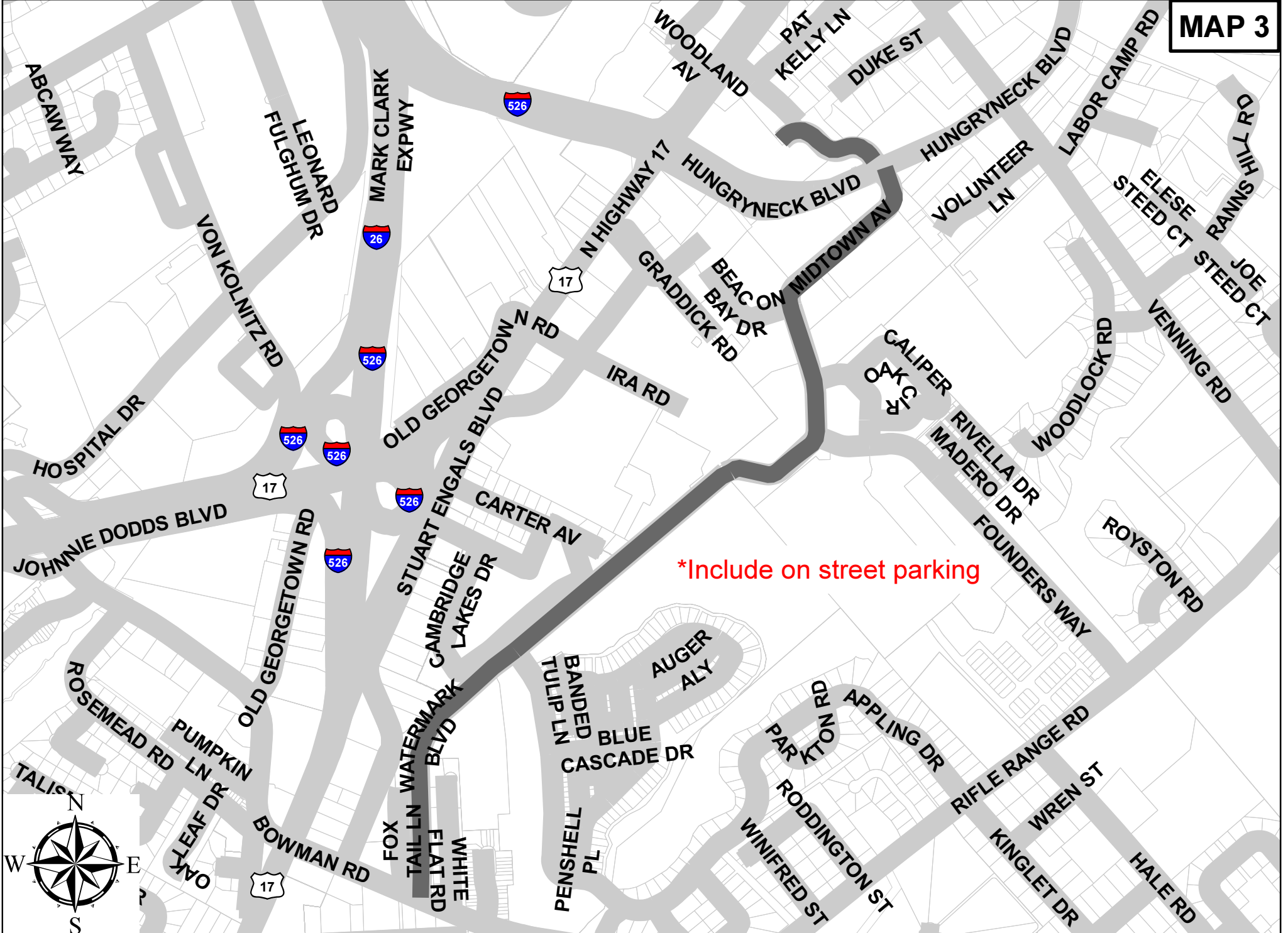


MapNumber	Route	4100200 Micro Surfacing Surface Course	6241005 4" WHITE BROKEN LINES(GAPS EXCL)_PERM_PVMT_MARKING	6241010 4" WHITE SOLID LINES (PVT_EDGE LINES) PERM_PVMT_MARKIN	6241020 12" WHITE SOLID LINES - PERM_PVMT_MARKINGS	6241023 12IN X 18IN WHITE TRIANG_YIELD BAR (GAPS EXC)PERM_PVMT	6241025 24" WHITE SOLID LINES (STOP/DIAG LINES)- PERM_PVMT_MARKI	6241030 WHITE SINGLE ARROWS (LT, STRGHT, RT) PERM_PVMT_MARKING	6241034 WHITE WORD MESSAGE "YIELD" - PERM_PVMT_MARKING	6241035 WHITE WORD MESSAGE - ONLY, SLOW, STOP - PERM_PVMT_MARKIN	6241074 4" YELLOW SOLID LINES(PVT_EDGE LINES) PERM_PVMT_MARKING	6250005 "4"" WHITE BROKEN LINES -(GAPS EXCLUDED) - FAST DRY PAI	6250010 "4"" WHITE SOLID LINES (PVT_EDGE LINES) - FAST DRY PAI	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	6250034 WHITE WORD MESSAGE "YIELD" -FAST DRY	6250035 "WHITE WORD MESSAGE - ONLY, SLOW, STOP - FAST DRY PAINT	6250110 "4"" YELLOW SOLID LINE (PVT_EDGE & NO PASSING) - F	6251023A 12IN X 18IN WHITE TRIANG_YIELD BAR (GAPS EXC) FAST DR	6300005 "PERMANENT CLEAR PAVEMENT MARKERS- MONO-DIR_- 4""X4""
1	LOWCOUNTRY BLVD	3200	50	50	0	0	65	2	0	0	2400	50	50	0	65	2	0	0	2400	0	0
1	S SHELMORE BLVD	5220	475	0	60	7	12	8	2	1	800	475	0	60	12	8	2	1	800	7	35
	Total	8420	525	50	60	7	77	10	2	1	3200	525	50	60	77	10	2	1	3200	7	35

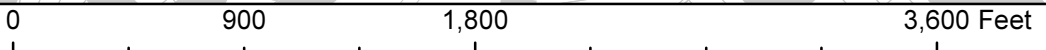
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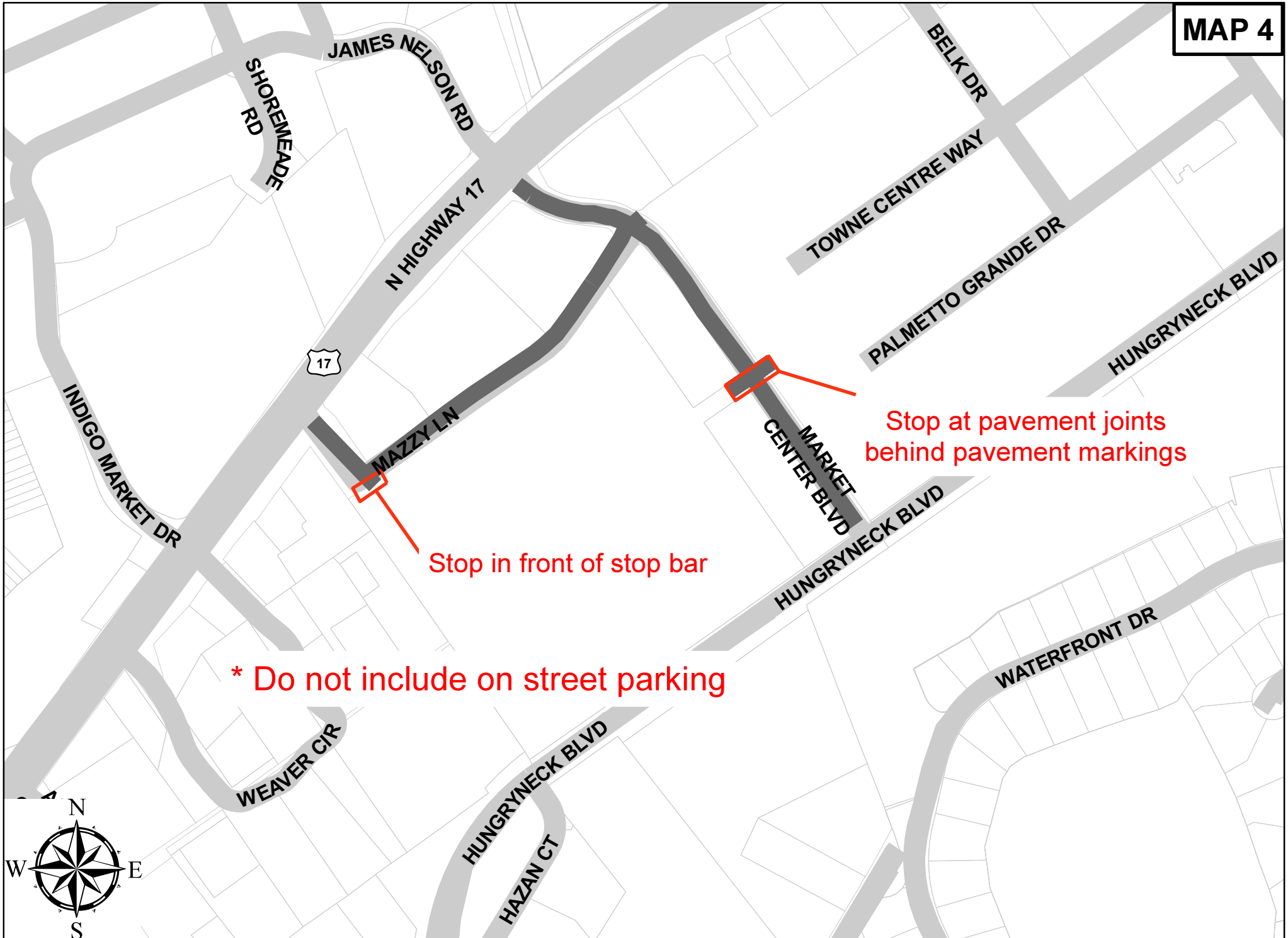
0 360 720 1,440 Feet



*Include on street parking



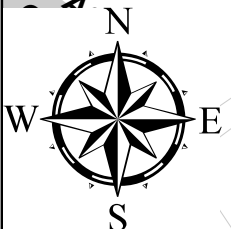
MapNumber	Route	4100200 Micro Surfacing Surface Course	6241005 4" WHITE BROKEN LINES(GAPS EXCL_PERM_PVMT_MARKING	6241010 4" WHITE SOLID LINES (PVT_EDGE LINES) PERM_PVMT_MARKIN	6241020 12" WHITE SOLID LINES - PERM_PVMT_MARKINGS	6241025 24" WHITE SOLID LINES (STOP/DIAG LINES)- PERM_PVMT_MARKI	6241030 WHITE 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	6241064 4" YELLOW BROKEN LINES(GAPS EXC)PERM_PVMT_MARKING	6241074 4" YELLOW SOLID LINES(PVT_EDGE LINES) PERM_PVMT_MARKING	6250005 "4"" WHITE BROKEN LINES -(GAPS EXCLUDED) - FAST DRY PAI	6250010 "4"" WHITE SOLID LINES (PVT_EDGE LINES) - FAST DRY PAI	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_) -	6250105 "4"" YELLOW BROKEN LINES -(GAPS EXCLUDED) - FAST DRY PA	6250110 "4"" YELLOW SOLID LINE (PVT_EDGE & NO PASSING) - F	6300005 "PERMANENT CLEAR PAVEMENT MARKERS - MONO-DIR_ - 4""X4""	6301100 "PERMANENT YELLOW PAVEMENT MARKER BI-DIR_ - 4""
3	MIDTOWN AV	16070	205	825	85	72	7	4	1	1100	6800	205	825	85	72	7	4	1	1100	6800	16	10
3	WATERMARK BLVD	12160	0	130	340	16	10	0	0	0	2680	0	130	340	16	10	0	0	0	2680	0	0
	Total	28230	205	955	425	88	17	4	1	1100	9480	205	955	425	88	17	4	1	1100	9480	16	10



Stop in front of stop bar

Stop at pavement joints
behind pavement markings

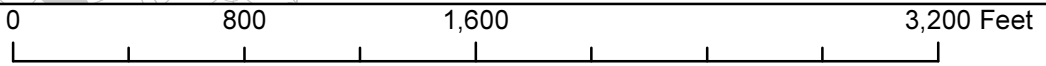
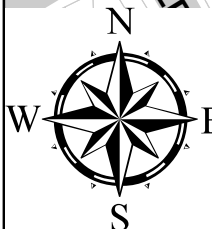
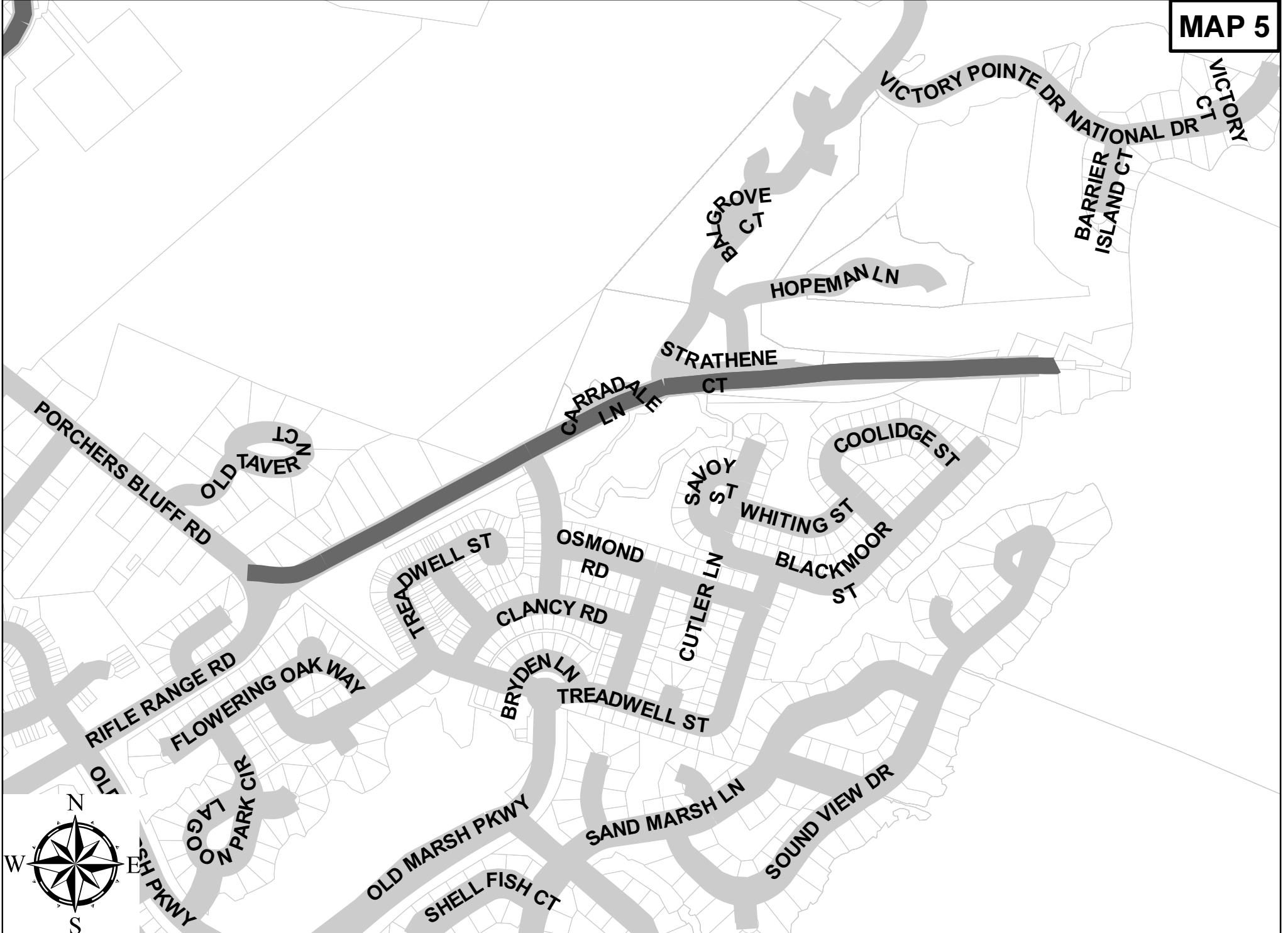
* Do not include on street parking

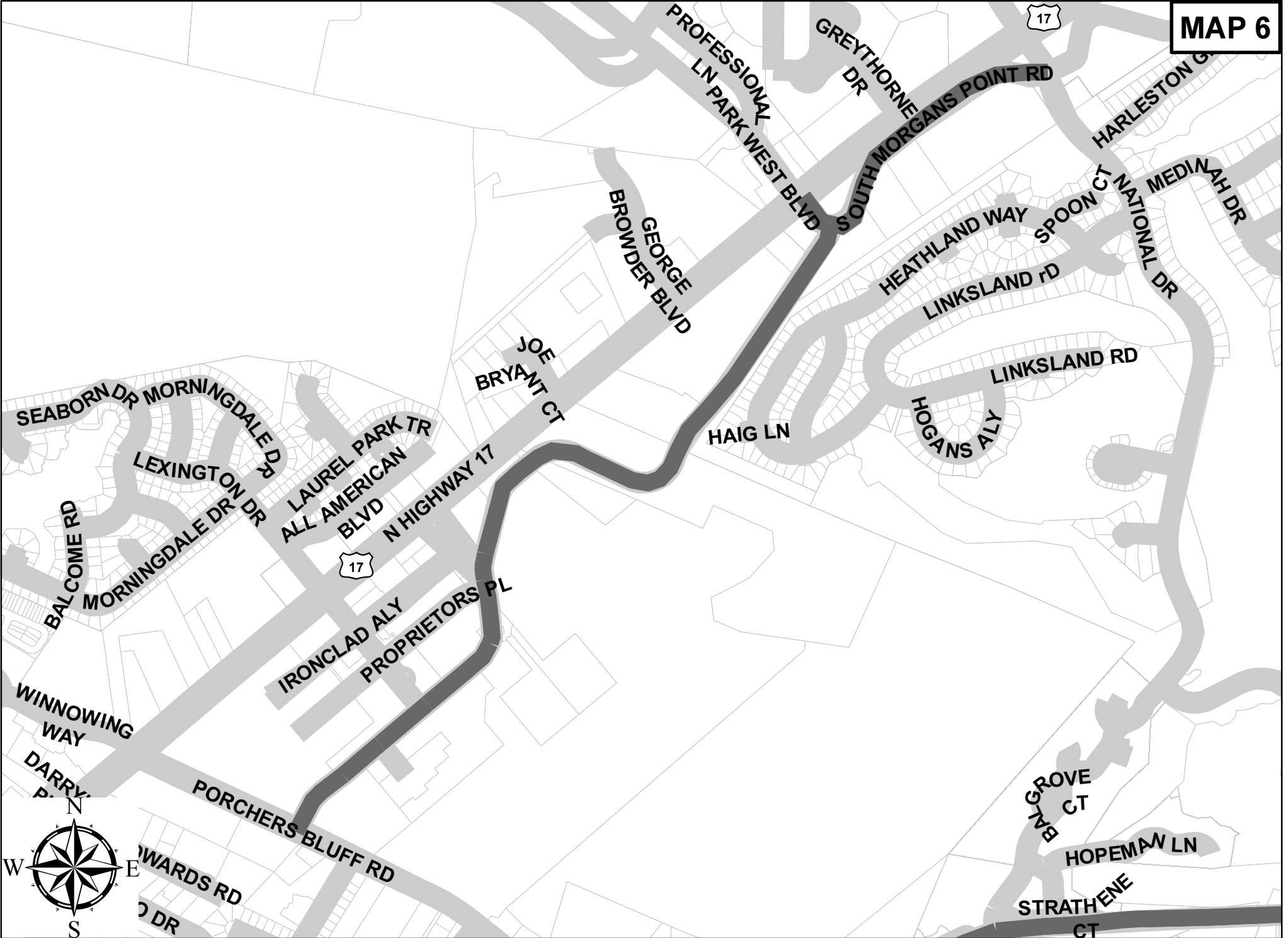


0 370 740 1,480 Feet

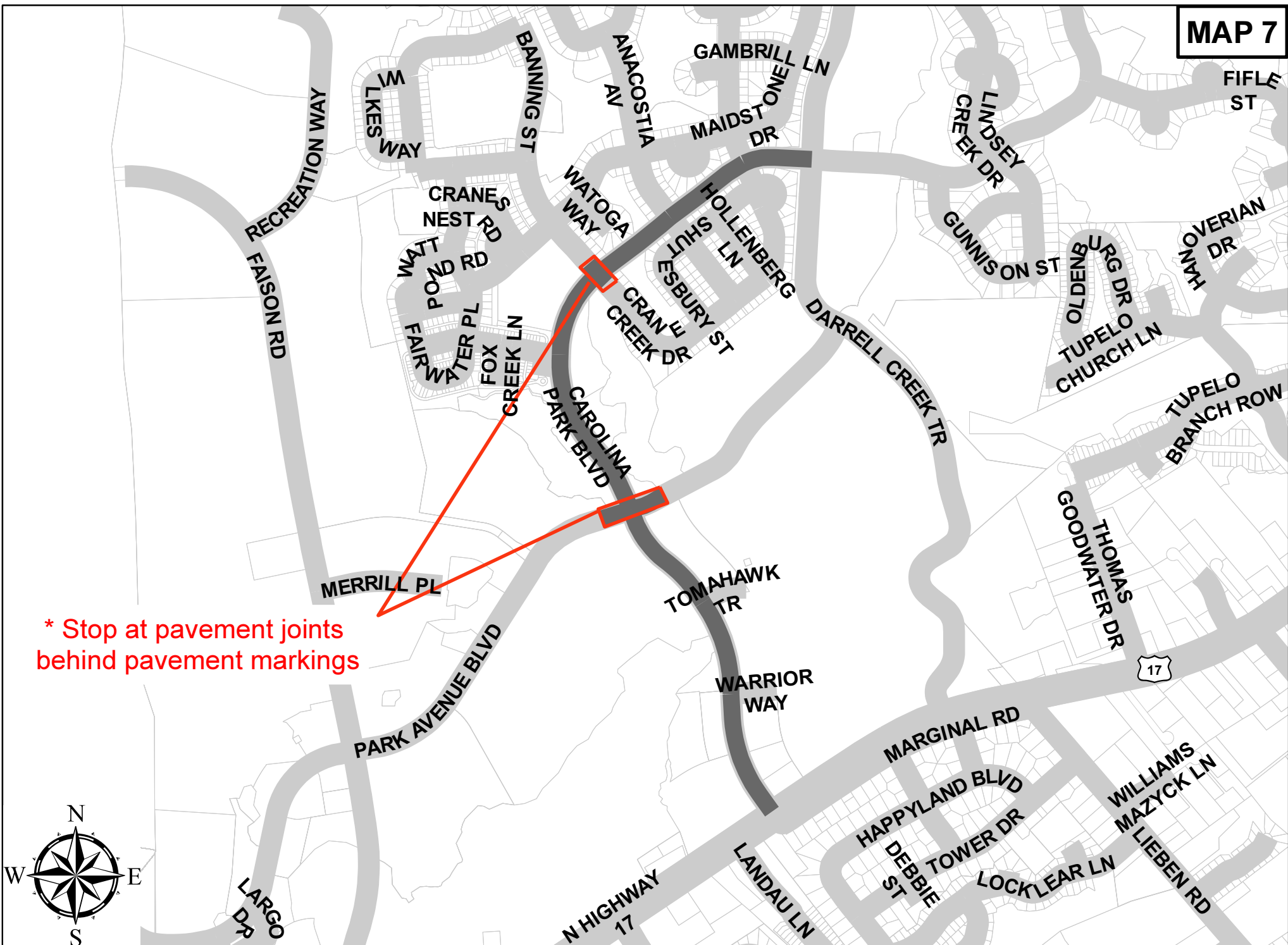
MapNumber	Route	2027000 REMOVAL & DISPOSAL OF EXISTING CONCRETE SIDEWALK *	4100200 Micro Surfacing Surface Course	6241005 4" WHITE BROKEN LINES(GAPS EXCL_)PERM_PVMT_MARKING	6241010 4" WHITE SOLID LINES (PVT_EDGE LINES) PERM_PVMT_MARKIN	6241020 12" WHITE SOLID LINES - PERM_PVMT_MARKINGS	6241025 24" WHITE SOLID LINES (STOP/DIAG LINES)- PERM_PVMT_MARKI	6241030 WHITE SINGLE ARROWS (LT, STRGHT, RT) PERM_PVMT_MARKING	6241040 WHITE COMBINATION ARROWS(STR&RT_OR STR<)PERM_PVMT_MAR	6241074 4" YELLOW SOLID LINES(PVT_EDGE LINES) PERM_PVMT_MARKING	6250005 "4"" WHITE BROKEN LINES -(GAPS EXCLUDED) - FAST DRY PAI	6250010 "4"" WHITE SOLID LINES (PVT_EDGE LINES) - FAST DRY PAI	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	6250040 WHITE COMBINATION ARROW (STR_ & RT_ OR STR_ & LT_) -	6250110 "4"" YELLOW SOLID LINE (PVT_EDGE & NO PASSING) - F	7204900 DETECTABLE WARNING SURFACE (Cast in place where applica	7209000 PEDESTRIAN RAMP CONSTRUCTION
4	MARKET CENTER BLVD	100	5250	130	170	190	470	4	6	970	130	170	190	470	4	6	970	40	100
4	MAZZY LN	0	2825	0	0	0	60	2	2	1680	0	0	0	60	2	2	1680	0	0
	Total	100	8075	130	170	190	530	6	8	2650	130	170	190	530	6	8	2650	40	100

MAP 5

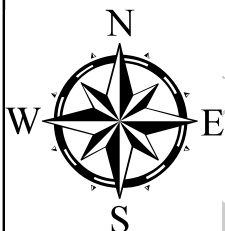




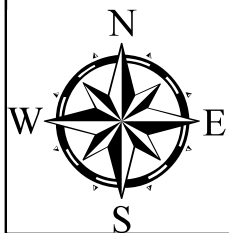
MapNumber	Route	4100200 Micro Surfacing Surface Course	6241005 4" WHITE BROKEN LINES(GAPS EXCL)_PERM_PVMT_MARKING	6241010 4" WHITE SOLID LINES (PVT_EDGE LINES) PERM_PVMT_MARKIN	6241020 12" WHITE SOLID LINES - PERM_PVMT_MARKINGS	6241025 24" WHITE SOLID LINES (STOP/DIAG LINES)- PERM_PVMT_MARKI	6241030 WHITE SINGLE ARROWS(LT, STRGHT, RT) PERM_PVMT_MARKING	6241035 WHITE WORD MESSAGE - ONLY, SLOW, STOP - PERM_PVMT_MARKIN	6241040 WHITE COMBINATION ARROW&STR&RT_ OR STR<)PERM_PVMT_MAR	6241074 4" YELLOW SOLID LINES(PVT_EDGE LINES) PERM_PVMT_MARKING	6241080 24" YELLOW SOLID LINES - PERM_PVMT_MARKING	6250005 4" WHITE BROKEN LINES - (GAPS EXCLUDED) - FAST DRY PAI	6250010 4" WHITE SOLID LINES (PVT_EDGE LINES) - FAST DRY PAI	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	6250115 24" YELLOW SOLID DIAGONAL LINES - FAST DRY PAINT
6	SOUTH MORGANS POINT RD	24485	170	300	230	160	12	1	2	17000	72	170	300	230	160	12	1	2	17000	72
	Total	24485	170	300	230	160	12	1	2	17000	72	170	300	230	160	12	1	2	17000	72



* Stop at pavement joints
behind pavement markings



0 1,150 2,300 4,600 Feet



MapNumber	Route	2027000 REMOVAL & DISPOSAL OF EXISTING CONCRETE SIDEWALK *	4100200 Micro Surfacing Surface Course	6241020 12" WHITE SOLID LINES - PERM_PVMT_MARKINGS	6241074 4" YELLOW SOLID LINES(PVT_EDGE LINES) PERM_PVMT_MARKING	6250020 12" WHITE SOLID LINES - FAST DRY PAINT	6250110 "4"" YELLOW SOLID LINE (PVT_EDGE & NO PASSING) - F	7204900 DETECTABLE WARNING SURFACE (Cast in place where applica	7209000 PEDESTRIAN RAMP CONTRUCTION
8	GREY MARSH RD	50	5570	60	4020	60	4020	20	50
	Total	50	5570	60	4020	60	4020	20	50