

COUNTY OF CHARLESTON

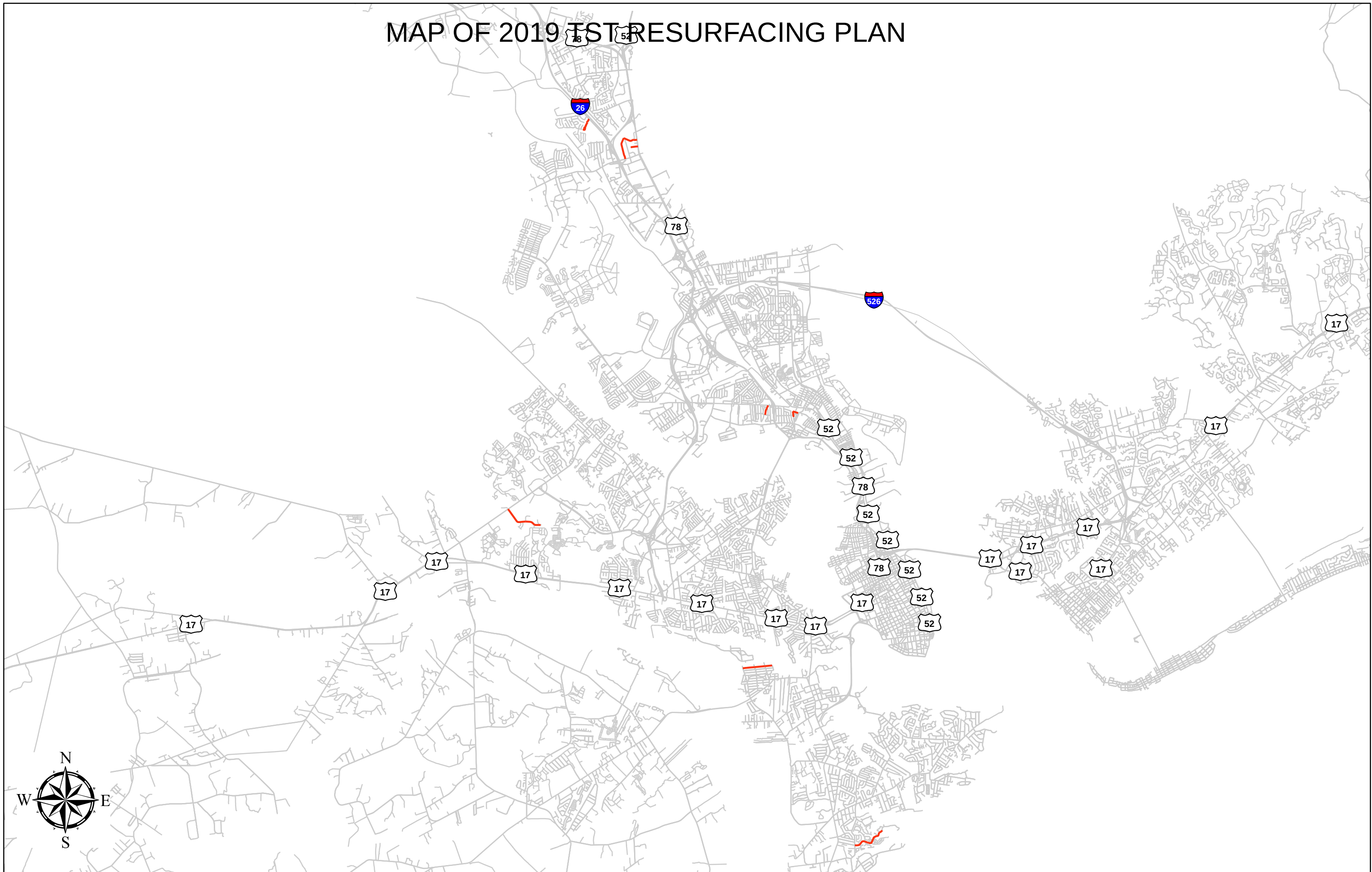


TST 2019 RESURFACING PLAN February 28, 2019

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MAP OF 2019 TST RESURFACING PLAN



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TST 2019 Resurfacing Plan

Road List By Area

<u>Map#</u>	<u>Street Name</u>	<u>State Route Number</u>	<u>County District</u>
<u><i>James Island</i></u>			
7	SEASIDE PLANTATION DR		9
6	WAPPOO HALL RD	624	9
<u><i>North Charleston</i></u>			
3	ANGEL CT		6
3	BASSEY CT		6
3	CIDER CT		6
5	CROSBY AV	163	4
3	DUTCH CT		6
2	EASY ST	1423	3
3	EBONY CT		6
2	NORTHWOODS BLVD		3
3	OAKLEAF DR		6
4	STARK LN		5
5	VAN SMITH AV	163	4
<u><i>West Ashley</i></u>			
1	SANDERS RD	2032	6

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	140	SY
2024100	REMOVAL & DISPOSAL OF EXISTING CONCRETE GUTTER *	620	LF
2027000	REMOVAL & DISPOSAL OF EXISTING CONCRETE SIDEWALK *	345	SY
2031000	UNCLASSIFIED EXCAVATION *	400	CY
2033000	BORROW EXCAVATION (FOR SHOULDERS) *	560	CY
3050104	Graded Aggregate Base Course (4" Uniform)	3600	SY
3050199	GRADED AGGREGATE BASE COURSE	20	TONS
3063450	Cement Modified Recycled Base (10" Uniform) Curing Method 3	14505	SY
3064000	Portland Cement for Cement Mod Rec Base	330	TONS
3069900	MAINTENANCE STONE*	20	TONS
4011004	LIQUID ASPHALT BINDER PG 64-22	446	TONS
4012040	"FULL DEPTH ASPH. PAV. PATCHING 4" UNIFORM"	4115	SY
4012040D	FULL DEPTH ASPH. PAV. PATCHING FOR DRIVES 4" UNIFORM	705	SY
4013150	MILLING EXISTING ASPHALT PAVEMENT 1.5"	47920	SY
4013155	VARIABLE EDGE MILLING 1.5"	165	SY
4013990	"VARIABLE MILLING EXISTING ASPHALT PAVEMENT 0" TO 2"	1247	SY
4110320	WARM MIX ASPHALT SURFACE COURSE TYPE B	1766	TON
4113340	WARM MIX ASPHALT SURFACE COURSE TYPE C	4612	TON
4113340D	WARM MIX ASPHALT SURFACE COURSE TYPE C FOR DRIVES & INTERSECTI	592	TON
4113360	WARM MIX ASPHALT SURFACE COURSE TYPE E	34	TON
6241005	4" WHITE BROKEN LINES(GAPS EXCL.)PERM.PVMT.MARKING	2320	LF
6241010	4" WHITE SOLID LINES (PVT. EDGE LINES) PERM.PVMT.MARKING	11830	LF
6241010C	4" BLUE SOLID LINES- PERM.PVMT.MARKING	710	LF
6241015	8" WHITE SOLID LINES PERM.PVMT.MARKINGS	820	LF
6241020	12" WHITE SOLID LINES - PERM.PVMT.MARKINGS	10	LF
6241023A	48IN X 48 IN WHITE YIELD TRIANGLE – PERM.PVMT.MARKING	1	EA
6241025	24" WHITE SOLID LINES (STOP/DIAG LINES)-PERM.PVMT.MARKING	427	LF
6241030	WHITE SINGLE ARROWS (LT, STRGHT, RT) PERM.PVMT.MARKING	31	EA
6241035	WHITE WORD MESSAGE "ONLY" -PERM.PVMT.MARKING	5	EA
6241040	WHITE COMBINATION ARROWS(STR&RT.OR STR<)PERM.PVMT.MARKI	8	EA
6241045	RAILROAD CROSSING SYMBOLS - PERM.PVMT.MARKING	2	EA
6241064	4" YELLOW BROKEN LINES(GAPS EXC)PERM.PVMT.MARKING	11640	LF
6241074	4" YELLOW SOLID LINES(PVT.EDGE LINES) PERM.PVMT.MARKING	6520	LF
6250005	"4" WHITE BROKEN LINES -(GAPS EXCLUDED) - FAST DRY PAINT*	2320	LF
6250010	"4" WHITE SOLID LINES (PVT. EDGE LINES) - FAST DRY PAINT"	11830	LF
6250010C	4" BLUE SOLID LINES- FAST DRY PAINT	710	LF
6250015	"8" WHITE SOLID LINES (CROSSWALK & CHANNELIZATION) FAST DRY P	820	LF
6250020	12" WHITE SOLID LINES - FAST DRY PAINT	10	LF
6250025	"24" WHITE SOLID LINES (STOP/DIAGONAL LINES) - FAST DRY PAINT"	427	LF
6250030	"WHITE SINGLE ARROW (LEFT, STRAIGHT, RIGHT) - FAST DRY	31	EA
6250035	"WHITE WORD MESSAGE - ONLY, SLOW, STOP - FAST DRY PAINT	5	EA
6250040	WHITE COMBINATION ARROW (STR. & RT. OR STR. & LT.) - FAST DRY PAI	8	EA

* 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>
6250045	RAILROAD CROSSING SYMBOLS - FAST DRY PAINT*	2	EA
6250105	"4"" YELLOW BROKEN LINES -(GAPS EXCLUDED) - FAST DRY PAINT"	2540	LF
6250110	"4"" YELLOW SOLID LINE (PVT. EDGE & NO PASSING) - FAST DRY PAINT"	15620	LF
6251023	48IN X 48 IN WHITE YIELD TRIANGLE FAST DRY	1	EA
6301100	"PERMANENT YELLOW PAVEMENT MARKER BI- DIR. - 4""x4""	201	EA
675XXX	TRAFFIC LIGHT TIMING LOOPS- MOTORCYCLE SENSITIVE (COMPLETE)	3	EA
7141112	15" RC PIPE CULVERT - CLASS III (IN PLACE)*	60	LF
7197110	ADJUST CATCH BASIN (REPAIR C.B. TYPE 1)	4	EA
7197130	ADJUST DROP INLET	2	EA
7203110	"CONCRETE CURB AND GUTTER (1'-6""")"	50	LF
7203210	CONCRETE CURB AND GUTTER 2'0"	620	LF
7204100	CONCRETE SIDEWALK (4-IN UNIFORM)*	135	SY
7204900	DETECTABLE WARNING SURFACE (Cast in place where applicable)	190	SF
7205000	"CONCRETE DRIVEWAY (6"" UNIFORM)"	140	SY
7209000	PEDESTRIAN RAMP CONTRUCTION	210	SY
8100001	PERMANENT VEGETATION	11	MSY
8152004	INLET STRUCTURE FILTER - TYPE F (WEIGHTED)*	50	LF
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

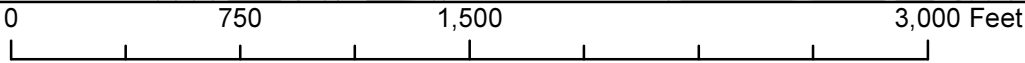
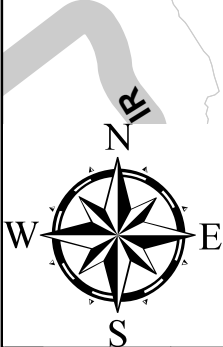
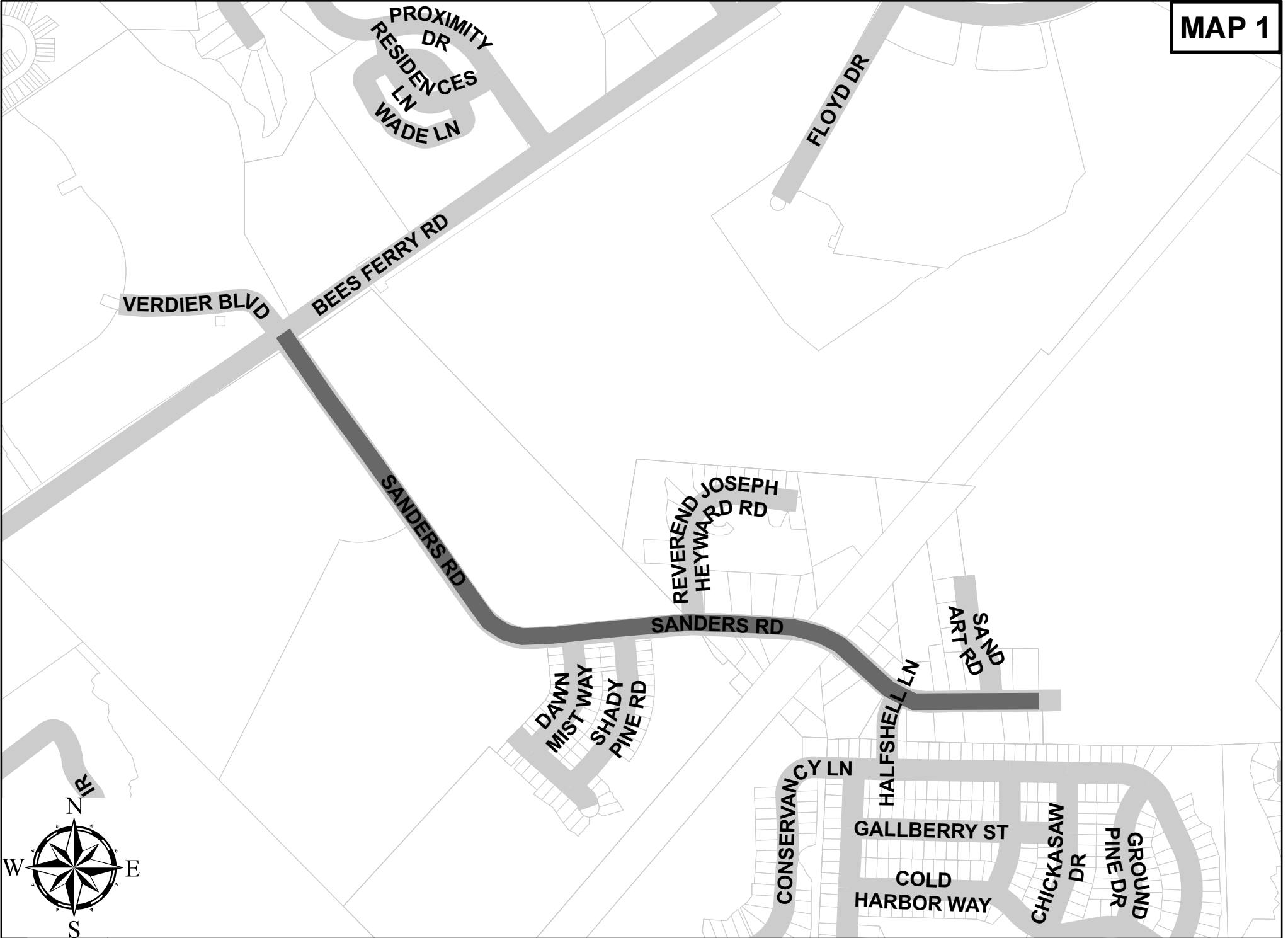
Manhole Report

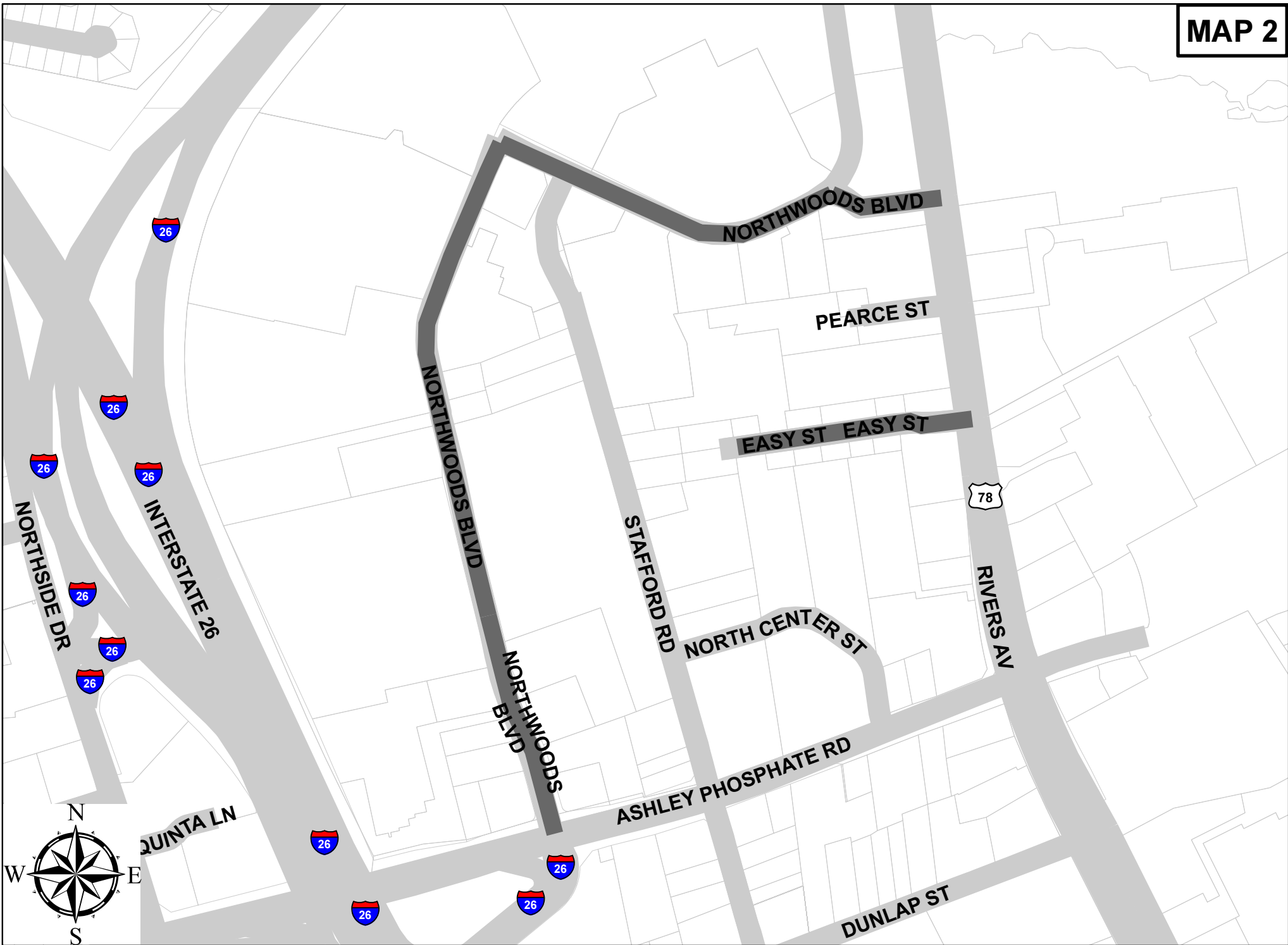
Map Number	Route	Manhole	Lower	Raise	Valve	Lower	Raise
1	Sanders Rd	2		2	1		1
2	Easy St	1		1			
2	Northwoods Blvd	3		1			
2	Technical Pkwy	5					
3	Oakleaf Dr	4					
4	Stark Ln	3		3	1		1
5	Crosby Av	2		2			
5	Van Smith Av	2		2	1		1
6	Wappoo Hall Rd	10		10			

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

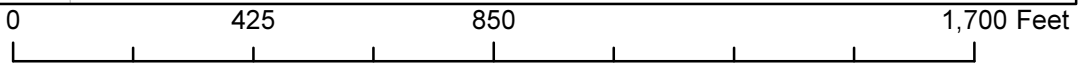
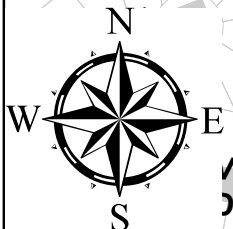
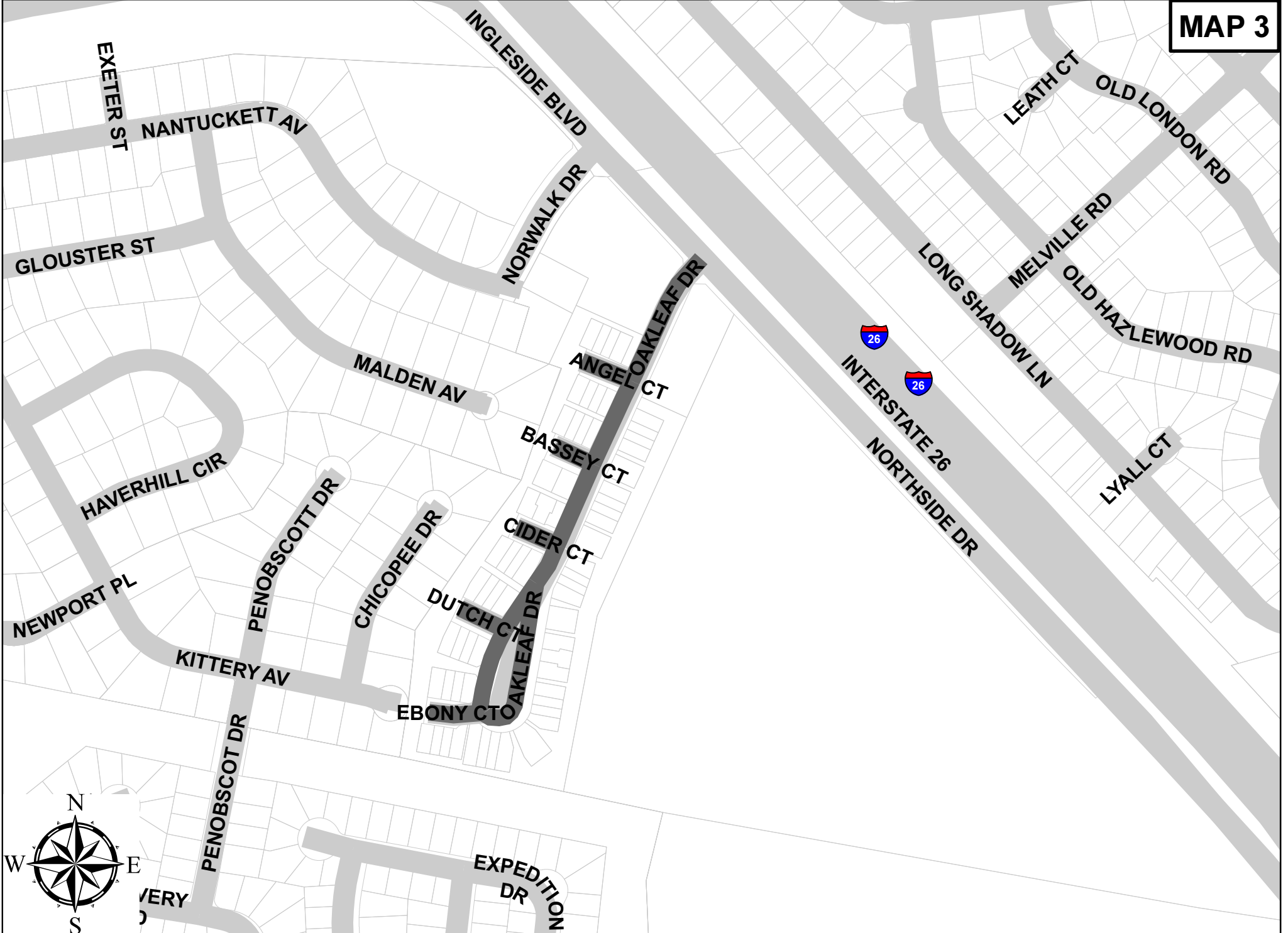
2. The Contractor must coordinate with the Utility Company to determine the best practice for correcting conditions in the field. The Charleston County Utility Coordinator will assist the Contractor with the coordination.

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.

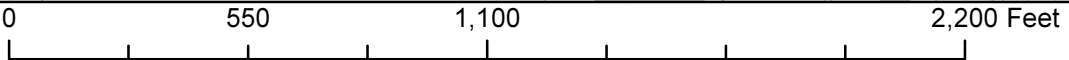
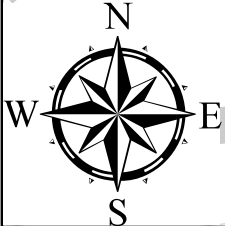
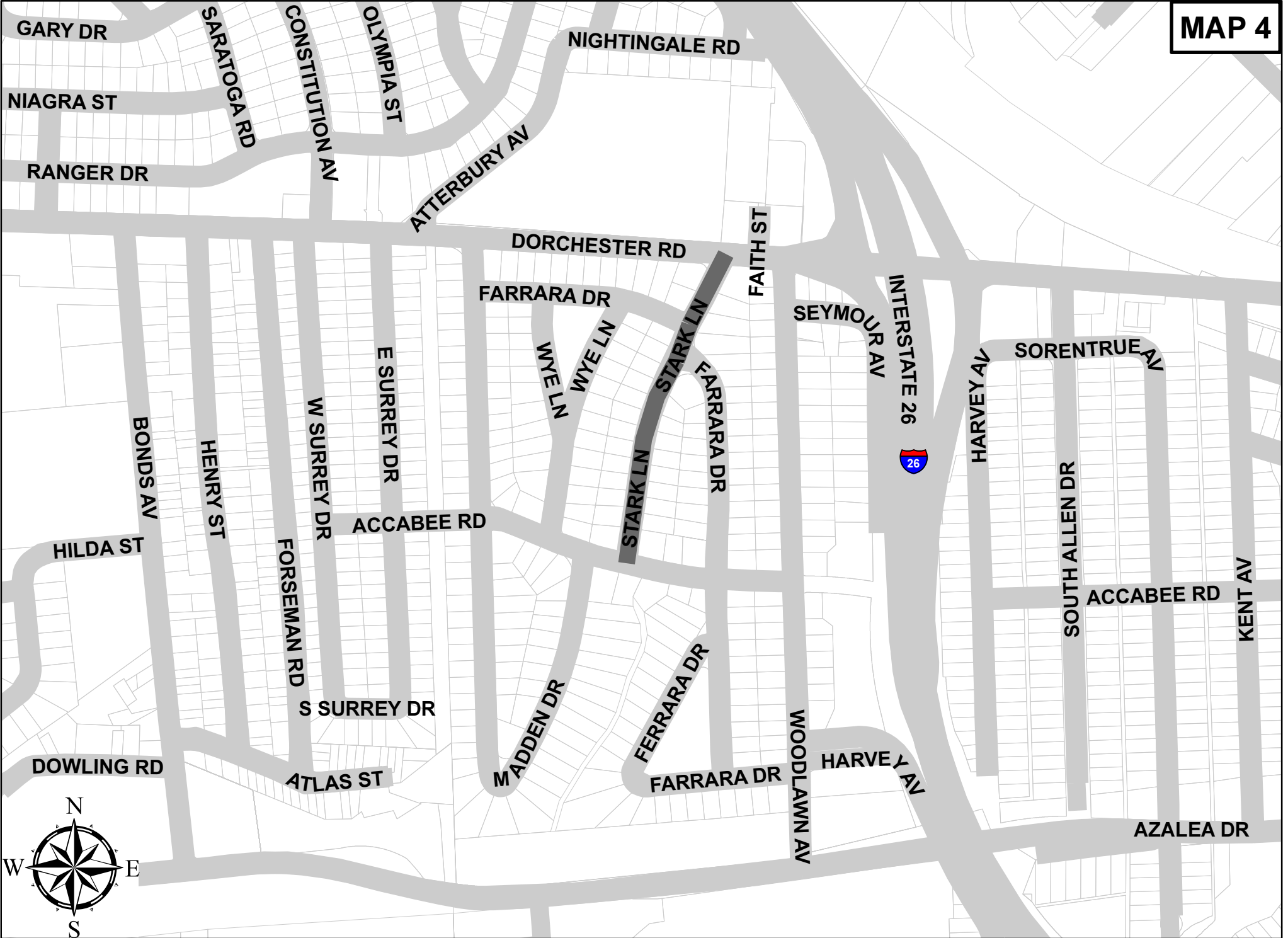




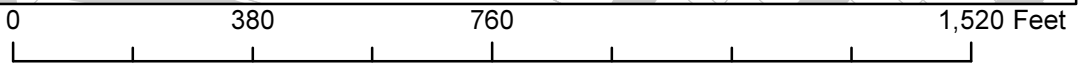
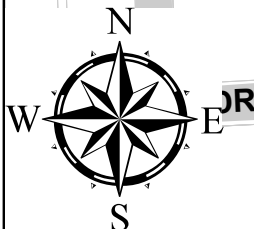
0 550 1,100 2,200 Feet



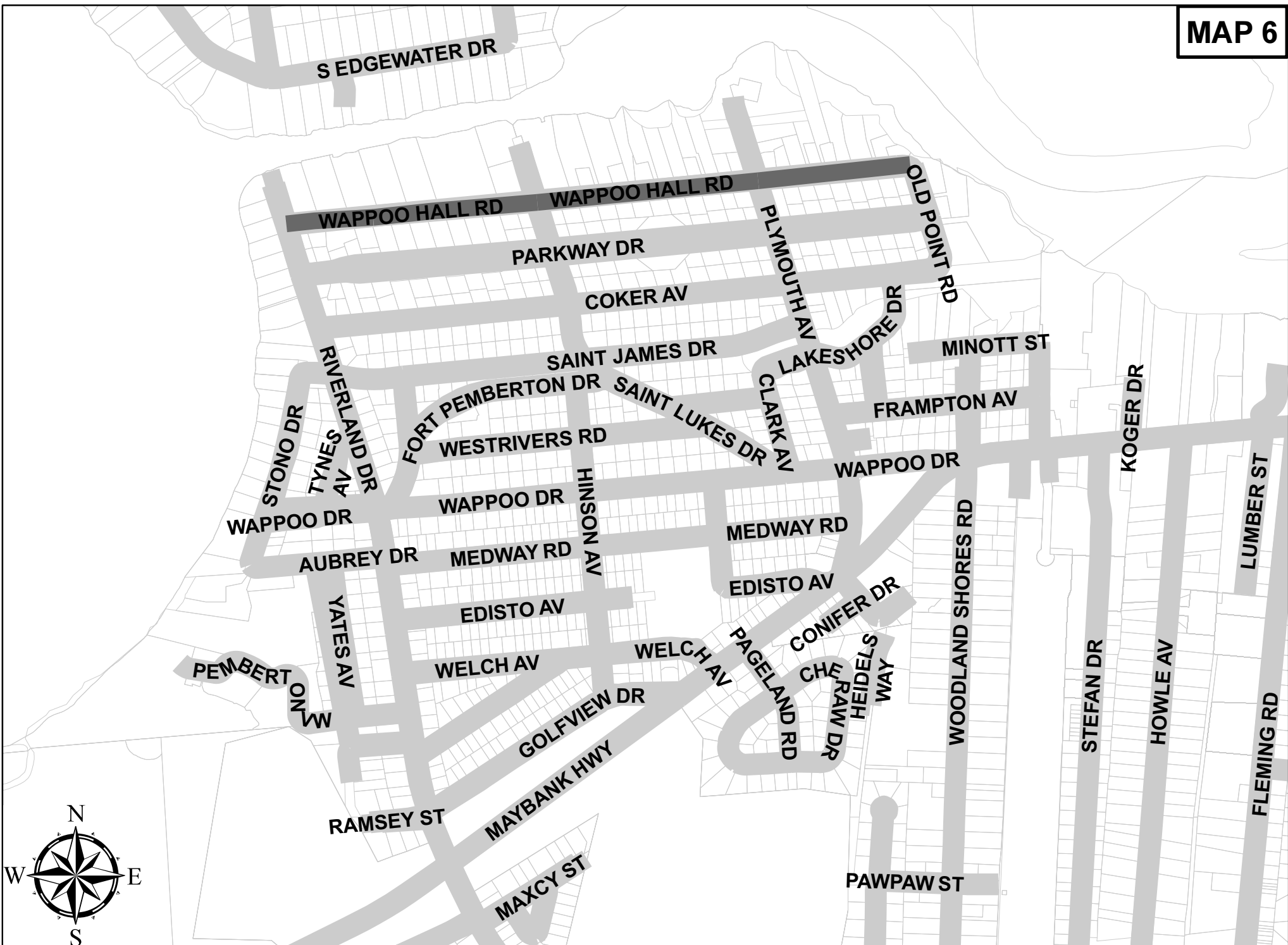
MapNumber	Route	2024100 REMOVAL & DISPOSAL OF EXISTING CONCRETE GUTTER *	2027000 REMOVAL & DISPOSAL OF EXISTING CONCRETE SIDEWALK *	4011004 LIQUID ASPHALT BINDER PG 64-22	4012040 "FULL DEPTH ASPH_ PAV_ PATCHING 4"" LINIFORM"	4013150 MILLING EXISTING ASPHALT PAVEMENT 1_5"	4113340 WARM MIX ASPHALT SURFACE COURSE TYPE C	4113340D WARM MIX ASPHALT SURFACE COURSE TYPE C FOR DRIVES & I	6241010 4" WHITE SOLID LINES (PVT_EDGE LINES) PERM_PVMT_MARKIN	6241010C 4" BLUE SOLID LINES- PERM_PVMT_MARKING	6241025 24" WHITE SOLID LINES (STOP/DIAG LINES)- PERM_PVMT_MARKI	6241030 WHITE SINGLE ARROWS (LT, STRGHT, RT) PERM_PVMT_MARKING	6241064 4" YELLOW BROKEN LINES(GAPS EXC)PERM_PVMT_MARKING	6250010 4"" WHITE SOLID LINES (PVT_EDGE LINES) - FAST DRY PAI	6250010C 4" BLUE SOLID LINES- FAST DRY PAINT	6250025 24"" WHITE SOLID LINES (STOP/DIAGONAL LINES) - FAST DR	6250030 "WHITE SINGLE ARROW (LEFT, STRAIGHT, RIGHT) - FAST DRY	6250105 4"" YELLOW BROKEN LINES -(GAPS EXCLUDED) - FAST DRY PA	7203210 CONCRETE CURB AND GUTTER 2'0"	7204100 CONCRETE SIDEWALK (4-IN UNIFORM) *	7204900 DETECTABLE WARNING SURFACE (Cast in place where applica	7209000 PEDESTRIAN RAMP CONSTRUCTION
3	ANGEL CT	0	55	3	0	405	30	23	100	180	12	0	0	100	180	12	0	0	0	25	20	30
3	BASSEY CT	0	25	3	0	315	24	23	180	0	12	0	0	180	0	12	0	0	0	25	0	0
3	CIDER CT	0	0	3	0	335	25	23	180	0	12	0	0	180	0	12	0	0	0	0	0	0
3	DUTCH CT	0	15	3	0	375	28	23	140	90	12	0	0	140	90	12	0	0	0	0	10	15
3	EBONY CT	0	15	3	0	420	32	23	200	80	12	0	0	200	80	12	0	0	0	0	10	15
3	OAKLEAF DR	60	185	29	750	6500	483	95	620	360	12	3	2180	620	360	12	3	2180	60	35	100	150
	Total	60	295	44	750	8350	622	210	1420	710	72	3	2180	1420	710	72	3	2180	60	85	140	210



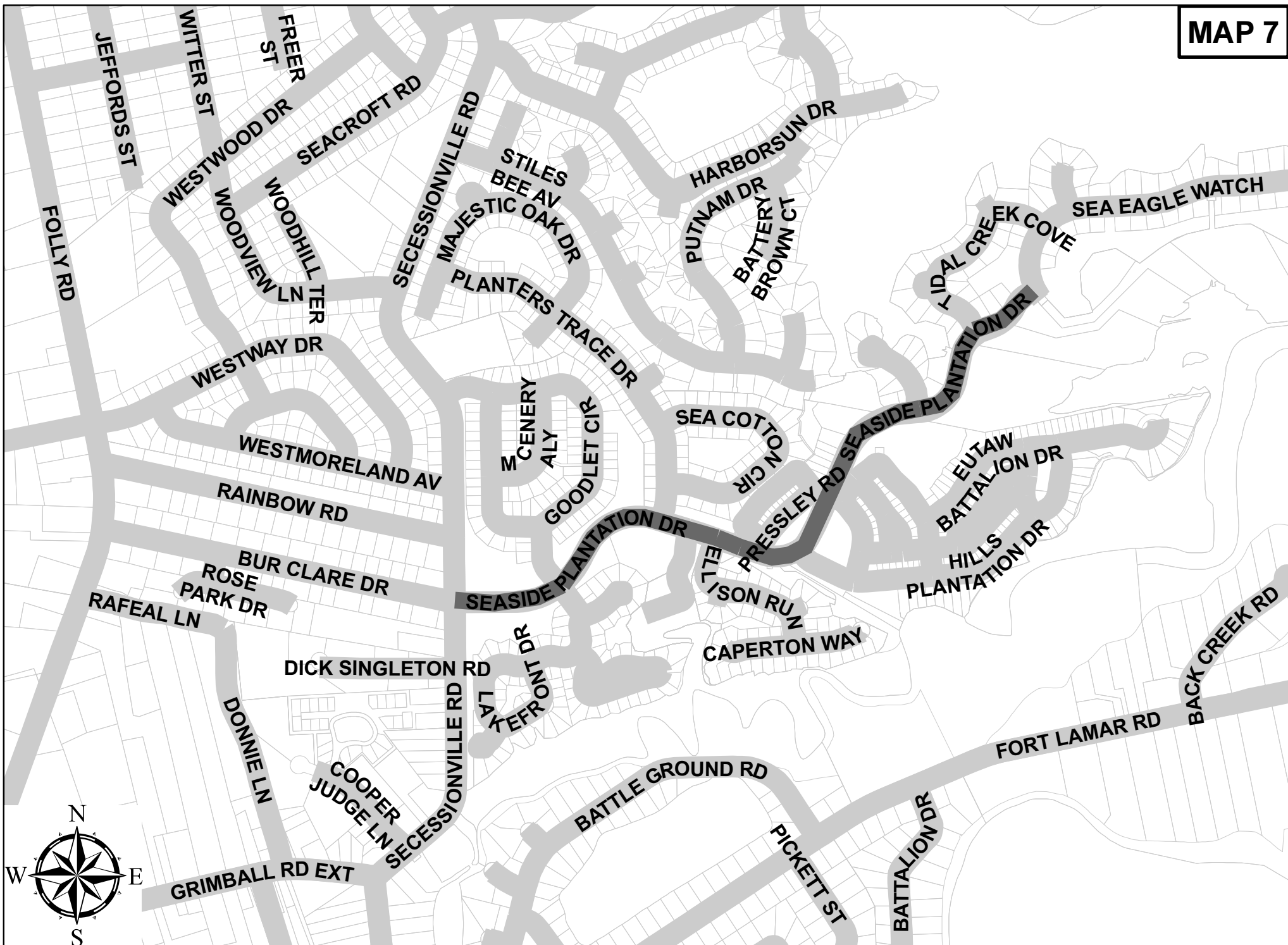
MapNumber											
Route											
2023000 REMOVAL & DISPOSAL OF EXISTING PAVEMENT (CONCRETE DRIVE	65	15	700	310	500	240	50	36	36	2	65
4011004 LIQUID ASPHALT BINDER PG 64-22	15										
4012040 "FULL DEPTH ASPH_ PAV_ PATCHING 4'" UNIFORM"	700	310									
4012040D FULL DEPTH ASPH_ PAV_ PATCHING FOR DRIVES 4" UNIFORM	310										
4013990 "VARIABLE MILLING EXISTING ASPHALT PAVEMENT 0" TO 2"	500										
4113340 WARM MIX ASPHALT SURFACE COURSE TYPE C	240										
4113340D WARM MIX ASPHALT SURFACE COURSE TYPE C FOR DRIVES & I	50										
6241025 24" WHITE SOLID LINES (STOP/DIAG LINES)- PERM_PVMT_MARKI	36										
6250025 "24'" WHITE SOLID LINES (STOP/DIAGONAL LINES) - FAST DR	36										
7197110 ADJUST CATCH BASIN (REPAIR C_B_ TYPE 1)	2										
7205000 "CONCRETE DRIVEWAY (6'" UNIFORM)"	65										
Total	65	15	700	310	500	240	50	36	36	2	65



MapNumber	Route	2023000 REMOVAL & DISPOSAL OF EXISTING PAVEMENT (CONCRETE DRIVE	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 0" TO 2"	4110320 WARM MIX ASPHALT SURFACE COURSE TYPE B	4113340D WARM MIX ASPHALT SURFACE COURSE TYPE C FOR DRIVES & I	6241025 24" WHITE SOLID LINES (STOP/DIAG LINES)- PERM_PVMT_MARKI	6241074 4" YELLOW SOLID LINES(PVT_EDGE LINES) PERM_PVMT_MARKING	6250025 "24"" WHITE SOLID LINES (STOP/DIAGONAL LINES) - FAST DR	6250110 "4"" YELLOW SOLID LINE (PVT_EDGE & NO PASSING) - F	6301100 "PERMANENT YELLOW PAVEMENT MARKER BI-DIR_ - 4""	7205000 "CONCRETE DRIVEWAY (6"" UNIFORM)"
5	CROSBY AV	0	8	100	120	40	100	19	12	900	12	900	7	0
5	VAN SMITH AV	25	9	550	20	80	135	10	26	1200	26	1200	9	25
	Total	25	17	650	140	120	235	29	38	2100	38	2100	16	25

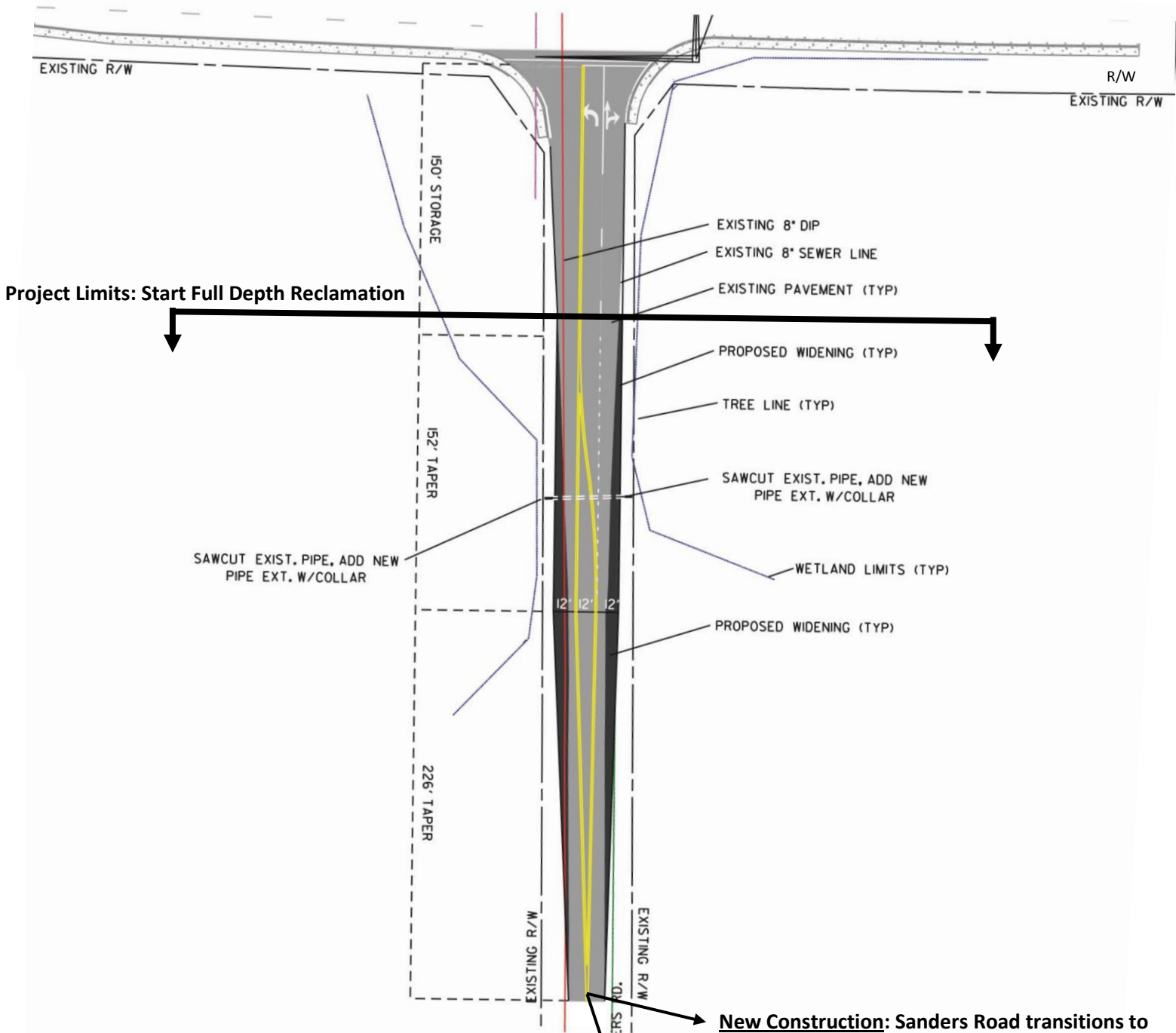


MapNumber										
	Route									
	4011004 LIQUID ASPHALT BINDER PG 64-22	40	525	135	300	593	70	36	36	46
	4012040 "FULL DEPTH ASPH_ PAV_PATCHING 4" UNIFORM"	40	525	135	300	593	70	36	36	46
	4012040D FULL DEPTH ASPH_ PAV_PATCHING FOR DRIVES 4" UNIFORM	40	525	135	300	593	70	36	36	46
	4013990 "VARIABLE MILLING EXISTING ASPHALT PAVEMENT 0" TO 2"	40	525	135	300	593	70	36	36	46
	4113340 WARM MIX ASPHALT SURFACE COURSE TYPE C	40	525	135	300	593	70	36	36	46
	4113340D WARM MIX ASPHALT SURFACE COURSE TYPE C FOR DRIVES & I	40	525	135	300	593	70	36	36	46
	6241025 24" WHITE SOLID LINES (STOP/DIAG LINES)- PERM_PVMT_MARKI	40	525	135	300	593	70	36	36	46
	6250025 "24" WHITE SOLID LINES (STOP/DIAGONAL LINES) - FAST DR	40	525	135	300	593	70	36	36	46
	6301100 "PERMANENT YELLOW PAVEMENT MARKER BI- DIR_ - 4"	40	525	135	300	593	70	36	36	46
6	WAPPOO HALL RD	40	525	135	300	593	70	36	36	46
	Total	40	525	135	300	593	70	36	36	46



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Bees Ferry Road



New Construction: Sanders Road transitions to 26' across with 11' lanes and 2' paved shoulders

Existing Section:

