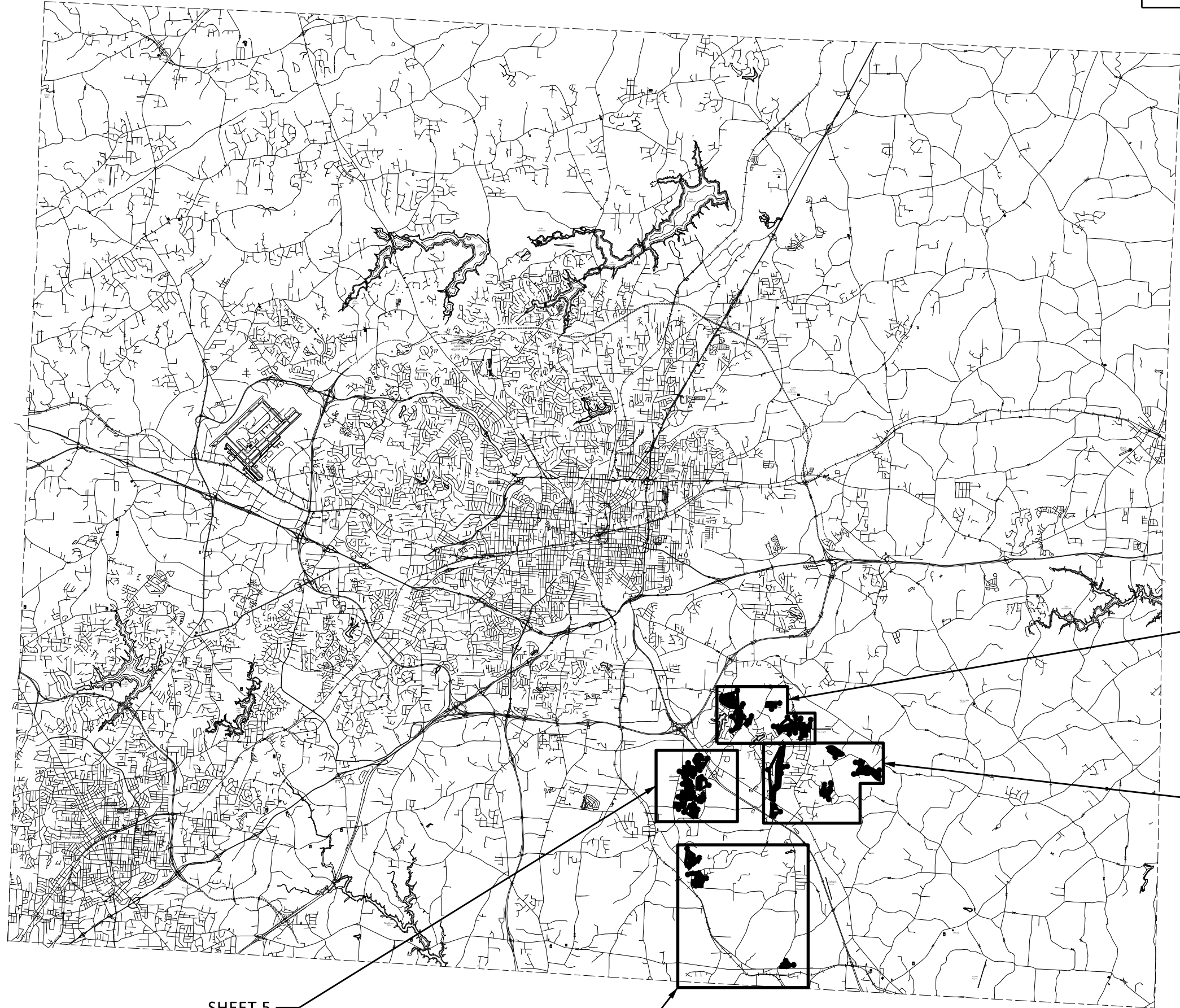


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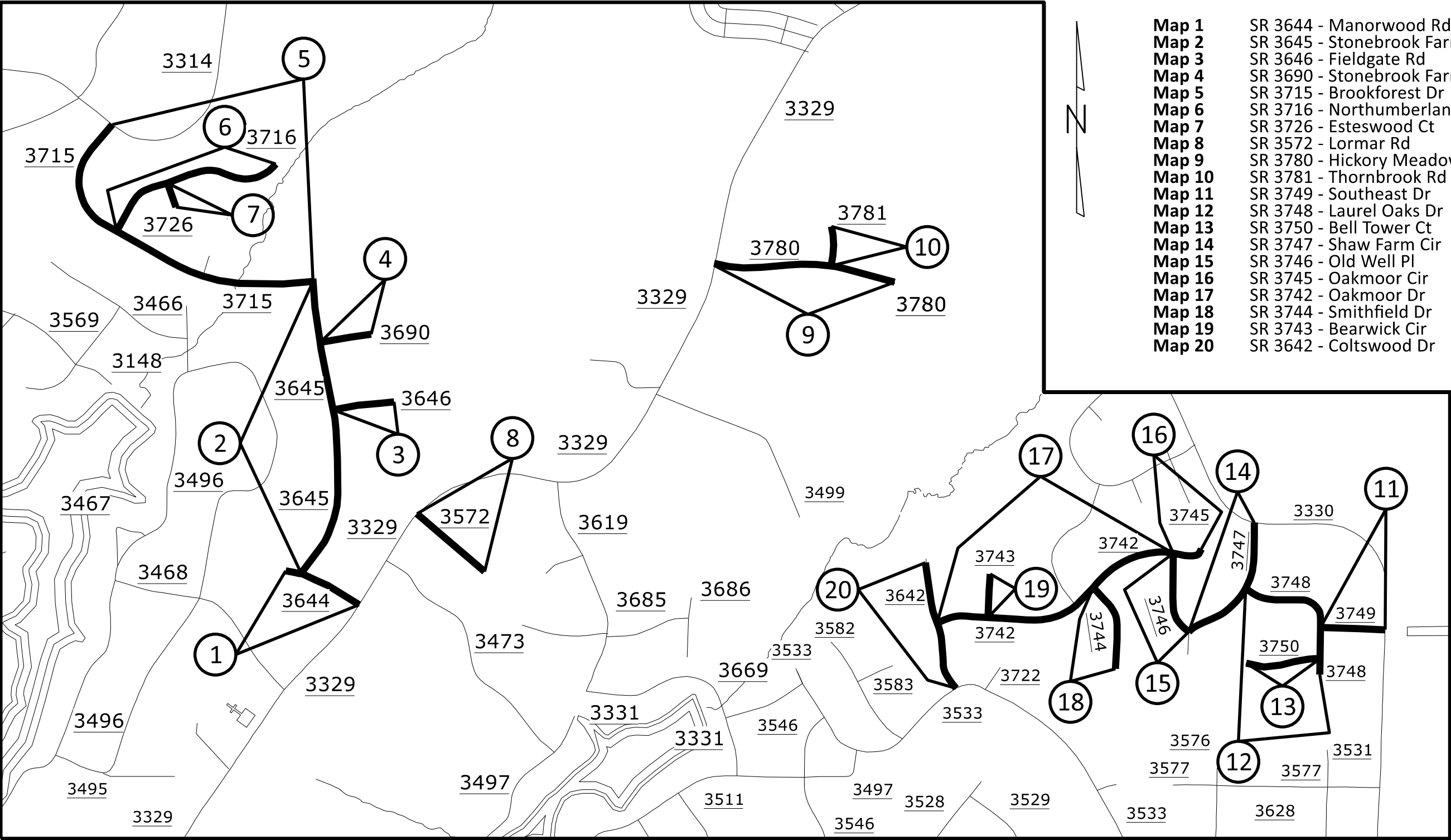


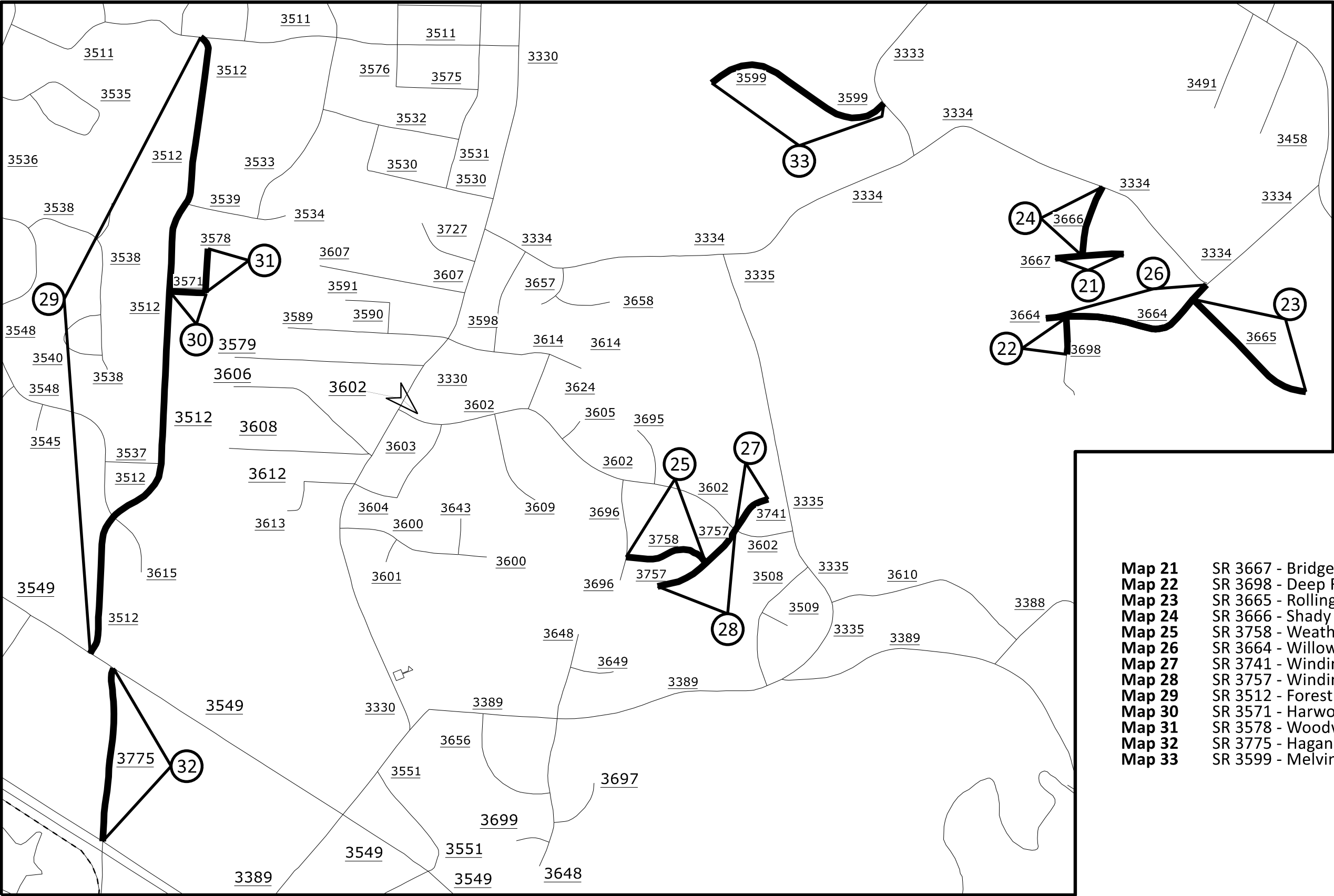
SHEET 5

SHEET 4

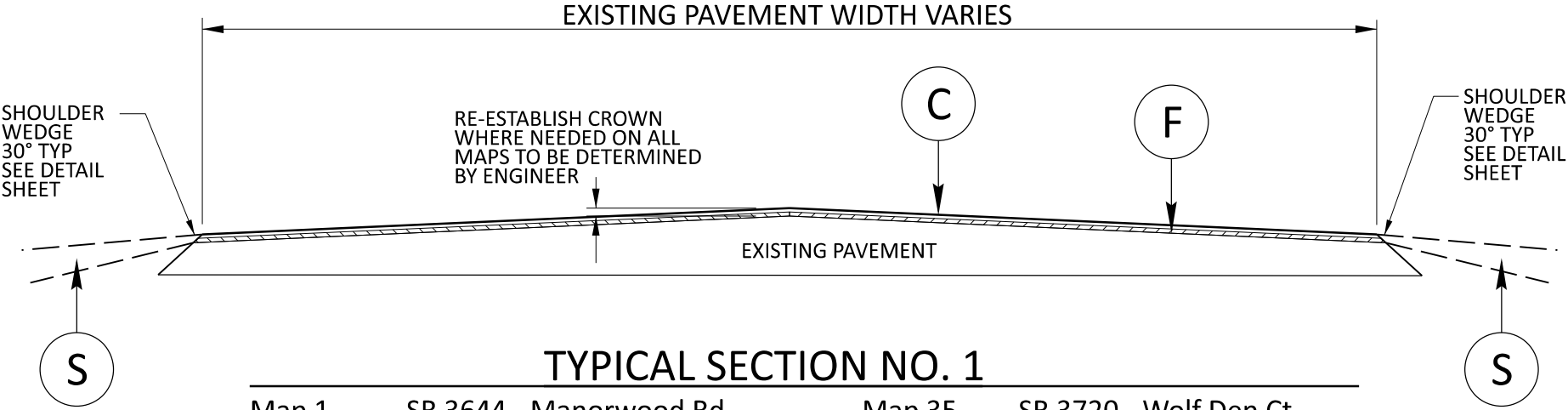
SHEET 2

SHEET 3





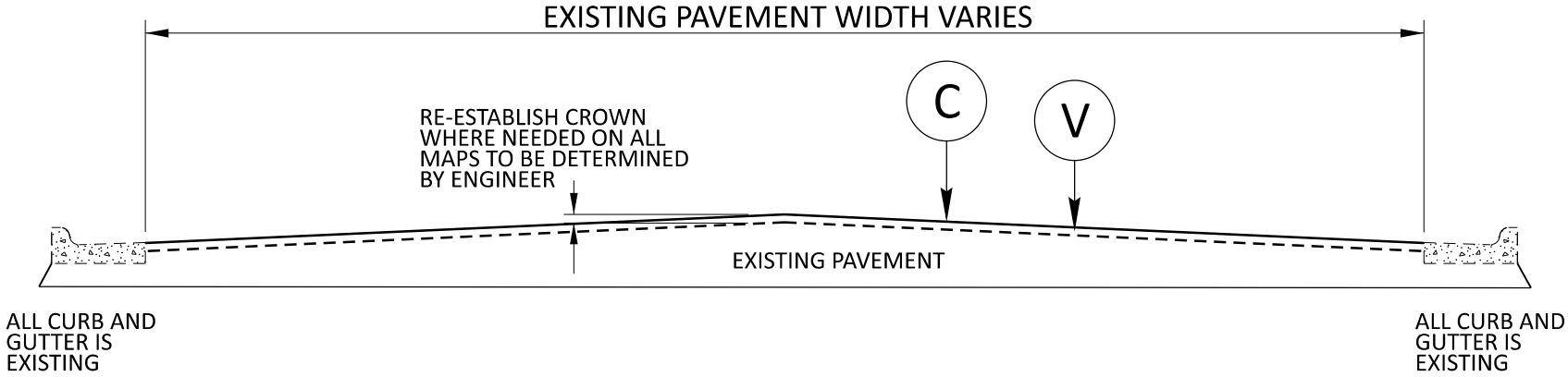
- Map 21** SR 3667 - Bridges Creek Dr
- Map 22** SR 3698 - Deep Forest Dr
- Map 23** SR 3665 - Rolling Meadow Dr
- Map 24** SR 3666 - Shady Maple Dr
- Map 25** SR 3758 - Weatherstone Dr
- Map 26** SR 3664 - Willow Bend Rd
- Map 27** SR 3741 - Winding Ridge Ct
- Map 28** SR 3757 - Winding Ridge Dr
- Map 29** SR 3512 - Forest Oaks Dr
- Map 30** SR 3571 - Harwood Rd
- Map 31** SR 3578 - Woodwind Dr
- Map 32** SR 3775 - Hagan Ct
- Map 33** SR 3599 - Melvina Rd



TYPICAL SECTION NO. 1

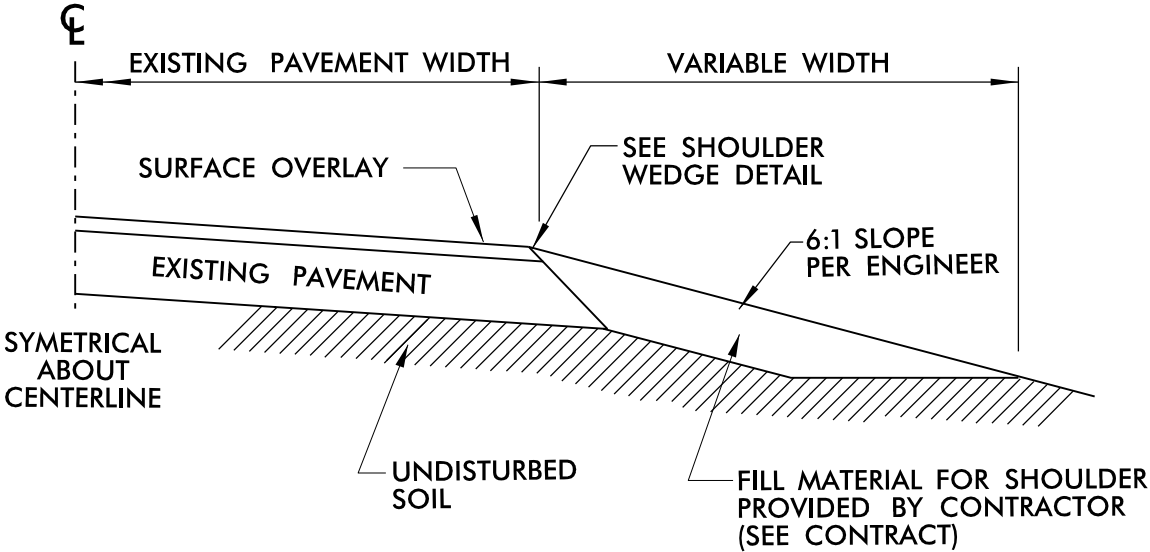
Map 1	SR 3644 - Manorwood Rd	Map 35	SR 3720 - Wolf Den Ct
Map 2	SR 3645 - Stonebrook Farms Rd	Map 36	SR 3451 - Charlston Rd
Map 3	SR 3646 - Fieldgate Rd	Map 37	SR 3782 - Raven Glen Dr
Map 4	SR 3690 - Stonebrook Farms Ct	Map 38	SR 3783 - Minden Ct
Map 8	SR 3572 - Lormar Rd	Map 39	SR 3784 - Minden Rd
Map 9	SR 3780 - Hickory Meadow Rd	Map 40	SR 3679 - Carriage Run Dr
Map 10	SR 3781 - Thornbrook Rd	Map 41	SR 3680 - Running Mead Rd
Map 11	SR 3749 - Southeast Dr		STA 0+00 to STA 6+40
Map 12	SR 3748 - Laurel Oaks Dr	Map 42	SR 3659 - Stonebridge Rd
Map 13	SR 3750 - Bell Tower Ct	Map 43	SR 3660 - Jareds Pond Rd
Map 14	SR 3747 - Shaw Farm Cir	Map 44	SR 3754 - Jareds Pond Ct
Map 15	SR 3746 - Old Well Pl	Map 45	SR 3632 - Hunters Ridge Dr
Map 16	SR 3745 - Oakmoor Cir	Map 46	SR 3651 - Deerbrook Dr
Map 17	SR 3742 - Oakmoor Dr	Map 47	SR 3652 - Ridgepoint Dr/Horizon Dr/Horizon Pl/Begonia Rd
Map 18	SR 3744 - Smithfield Dr	Map 48	SR 3653 - Ridgepoint Cir
Map 19	SR 3743 - Bearwick Cir	Map 49	SR 3637 - Huntingwood Dr
Map 20	SR 3642 - Coltswood Dr	Map 50	SR 3638 - Briarfield Ct
Map 21	SR 3667 - Bridges Creek Dr	Map 51	SR 3633 - Foxview Dr
Map 22	SR 3698 - Deep Forest Dr	Map 52	SR 3772 - Bethany Park Dr
Map 23	SR 3665 - Rolling Meadow Dr	Map 53	SR 3773 - Lord Ashley Dr
Map 24	SR 3666 - Shady Maple Dr	Map 54	SR 3694 - Brekenwood Rd
Map 26	SR 3664 - Willow Bend Rd	Map 55	SR 3723 - W Brekenwood Ct
Map 29	SR 3512 - Forest Oaks Dr	Map 56	SR 3739 - E Brekenwood Ct
Map 30	SR 3571 - Harwood Rd	Map 57	SR 3711 - Macon Glen Dr
Map 31	SR 3578 - Woodwind Dr	Map 58	SR 3712 - Macon Glen Ct
Map 32	SR 3775 - Hagan Ct	Map 59	SR 3713 - Oak Point Dr
Map 33	SR 3599 - Melvina Rd	Map 60	SR 3714 - Charter Oak Dr
Map 34	SR 3719 - Elks Forest Dr	Map 64	SR 3687 - Brandon Station Rd

PAVEMENT SCHEDULE	
C	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, TO BE APPLIED AT AN AVERAGE RATE OF 165 LBS PER SQ YD.
F	AST MAT COAT, #78M
S	SHOULDER RECONSTRUCTION (SEE DETAIL)
U	EXISTING PAVEMENT
V	MILL ASPHALT PAVEMENT, 1½" DEPTH



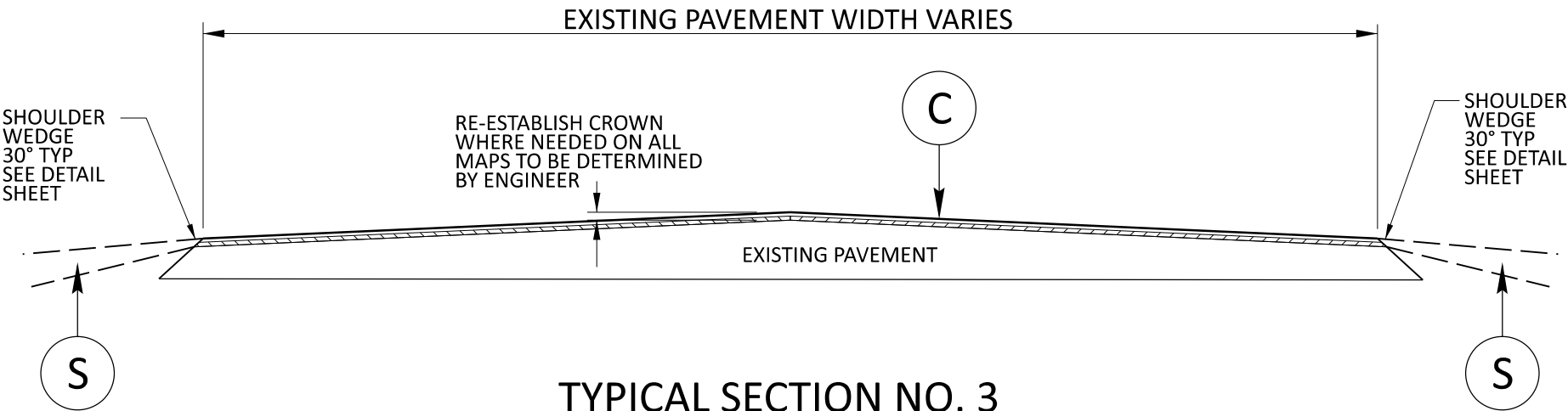
TYPICAL SECTION NO. 2

- | | |
|--------|-----------------------------|
| Map 5 | SR 3715 - Brookforest Dr |
| Map 6 | SR 3716 - Northumberland Dr |
| Map 7 | SR 3726 - Esteswood Ct |
| Map 25 | SR 3758 - Weatherstone Dr |
| Map 27 | SR 3741 - Winding Ridge Ct |
| Map 28 | SR 3757 - Winding Ridge Dr |
| Map 41 | SR 3680 - Running Mead Rd |
| | STA 6+40 to STA 19+65 |



SHOULDER RECONSTRUCTION

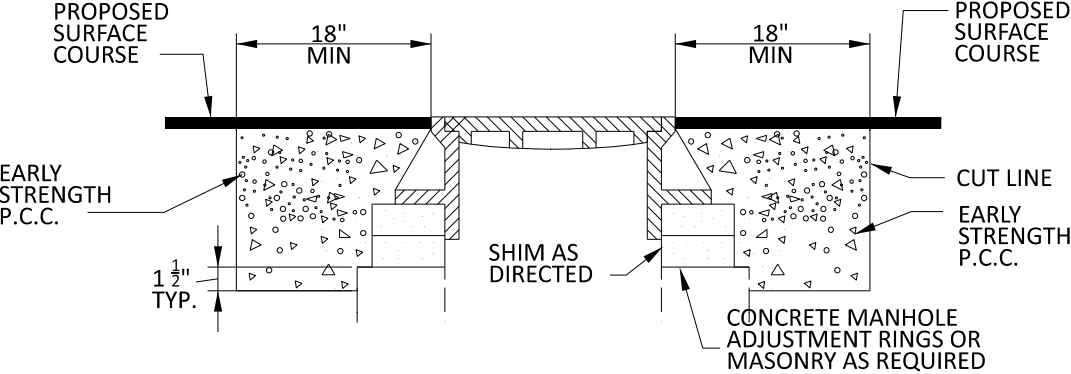
* PLACE ASB OR BORROW AS DIRECTED BY THE ENGINEER



TYPICAL SECTION NO. 3

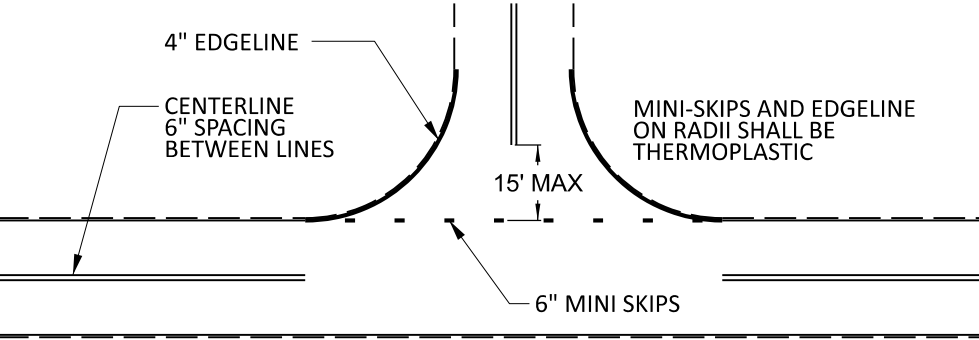
- | | |
|--------|---------------------------|
| Map 61 | SR 3587 - Mid-Pine Ct |
| Map 62 | SR 3785 - Glenbrooke Dr |
| Map 63 | SR 3787 - Wilson Mills Ct |

PAVEMENT SCHEDULE	
C	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, TO BE APPLIED AT AN AVERAGE RATE OF 165 LBS PER SQ YD.
F	AST MAT COAT, #78M
S	SHOULDER RECONSTRUCTION (SEE DETAIL)
U	EXISTING PAVEMENT
V	MILL ASPHALT PAVEMENT, 1½" DEPTH



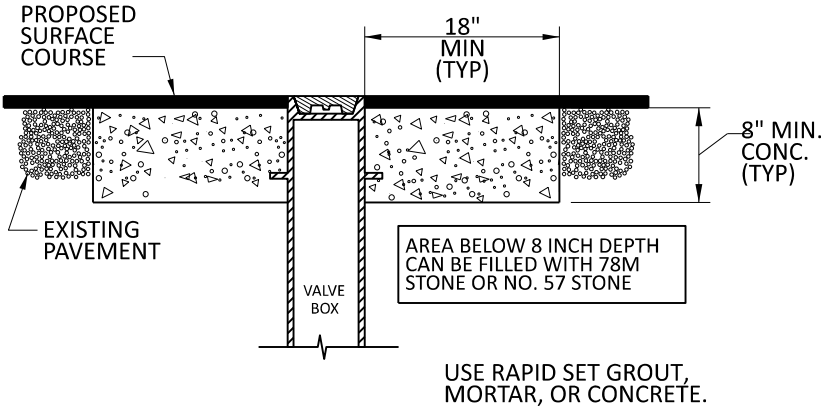
- NOTES:
- 1. MORTAR SHALL BE MIXED TO NCDOT SPECIFICATIONS.
 - 2. ALL FAULTY EXISTING BRICKWORK TO BE REMOVED AND REPLACED WITH NEW BRICK MASONRY.
 - 3. EXCAVATION FOR THE ADJUSTMENT SHALL BE SHEER CUT ON ALL SIDES.
 - 4. RAPID SET GROUT, MORTAR, OR CONCRETE SHALL BE USED CLASS B CONCRETE MAY BE USED WHEN ADJUSTMENTS ARE NOT IN THE TRAVEL LANE.

**STANDARD CONCRETE ENCASEMENT
FOR MANHOLE CASTINGS IN PAVEMENT**

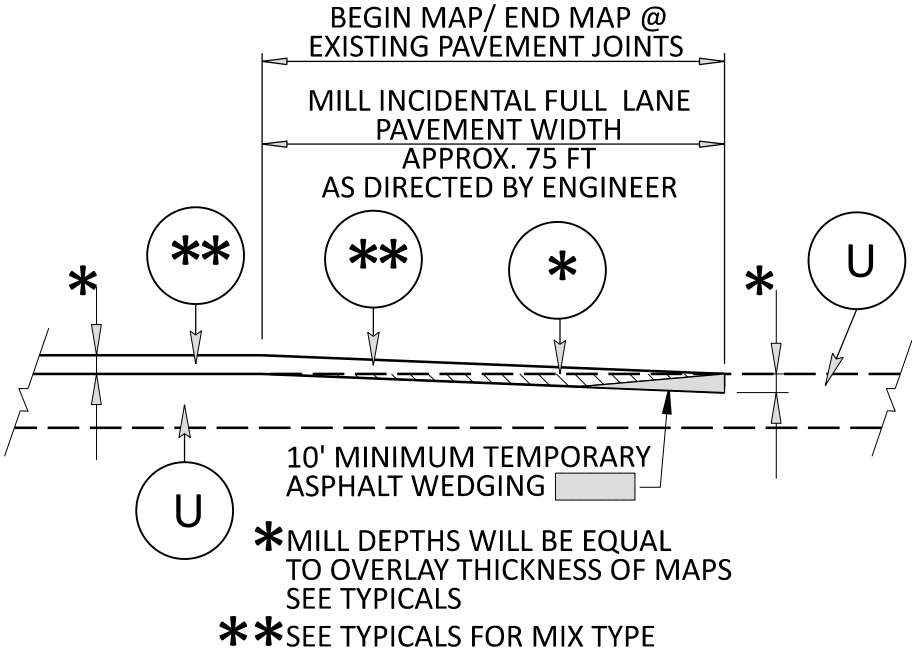


NOTE: MINI SKIPS SHALL BE PLACED ON A 8' CYCLE, CONTAINING A 6' AND 2' SKIP, THE WIDTH OF THE SKIP SHALL BE 6".

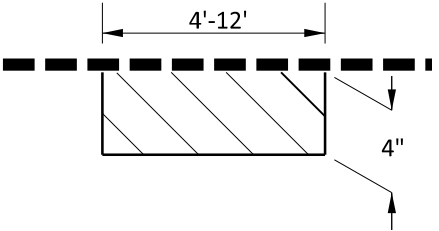
**TO BE USED AT ALL
NON-SIGNALIZED INTERSECTIONS
(NOT TO SCALE)**



**STANDARD CONCRETE ENCASEMENT FOR
VALVE CASTINGS IN PAVEMENT**



INCIDENTAL MILLING AT TIE-IN DETAIL



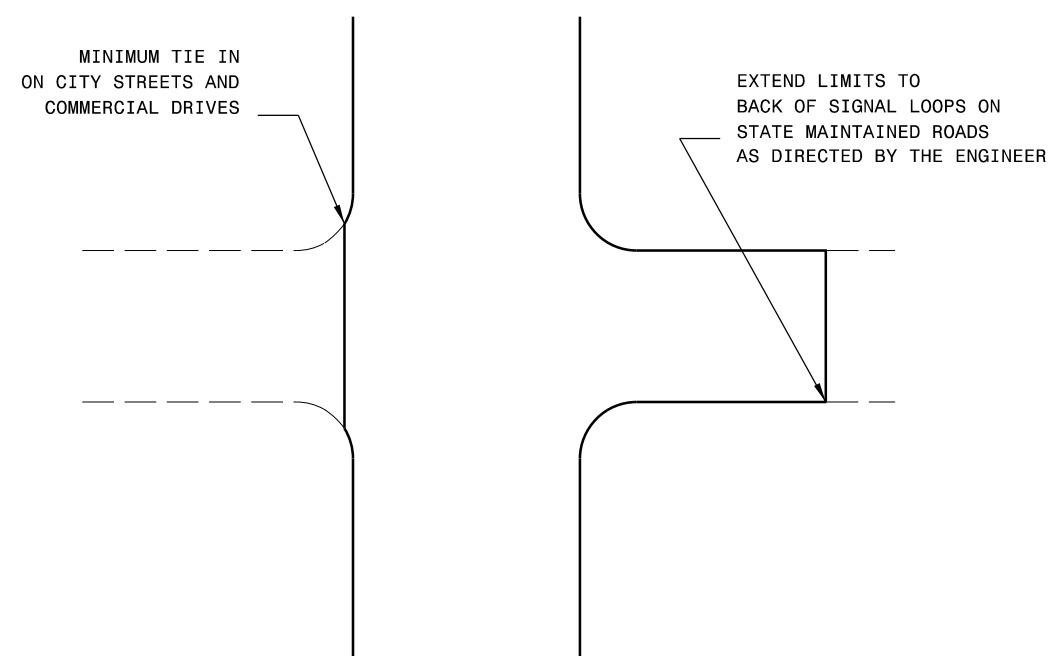
PATCH WITH ACSC, ACIC OR ACBC
AS DIRECTED BY THE ENGINEER

**PATCHING EXISTING
PAVEMENT DETAIL**

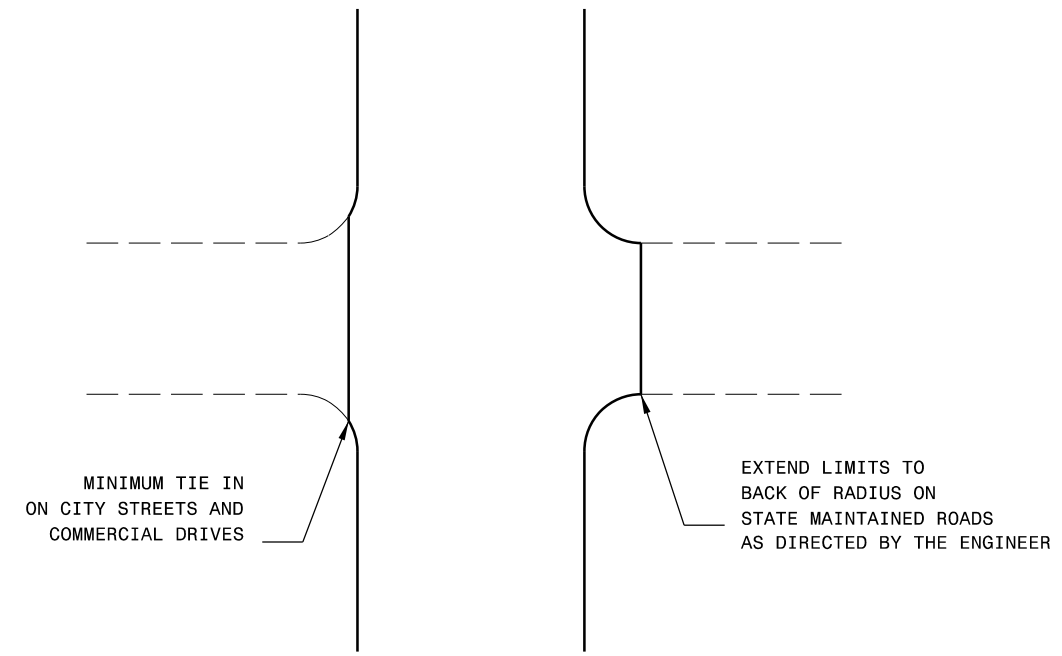
PAVEMENT SCHEDULE	
C	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, TO BE APPLIED AT AN AVERAGE RATE OF 165 LBS PER SQ YD.
F	AST MAT COAT, #78M
S	SHOULDER RECONSTRUCTION (SEE DETAIL)
U	EXISTING PAVEMENT
V	MILL ASPHALT PAVEMENT, 1½" DEPTH

Special Detail for Map 29 - Forest Oaks Dr





TYPICAL DETAIL OF PROJECT LIMITS AT
SIGNALIZED Y LINES

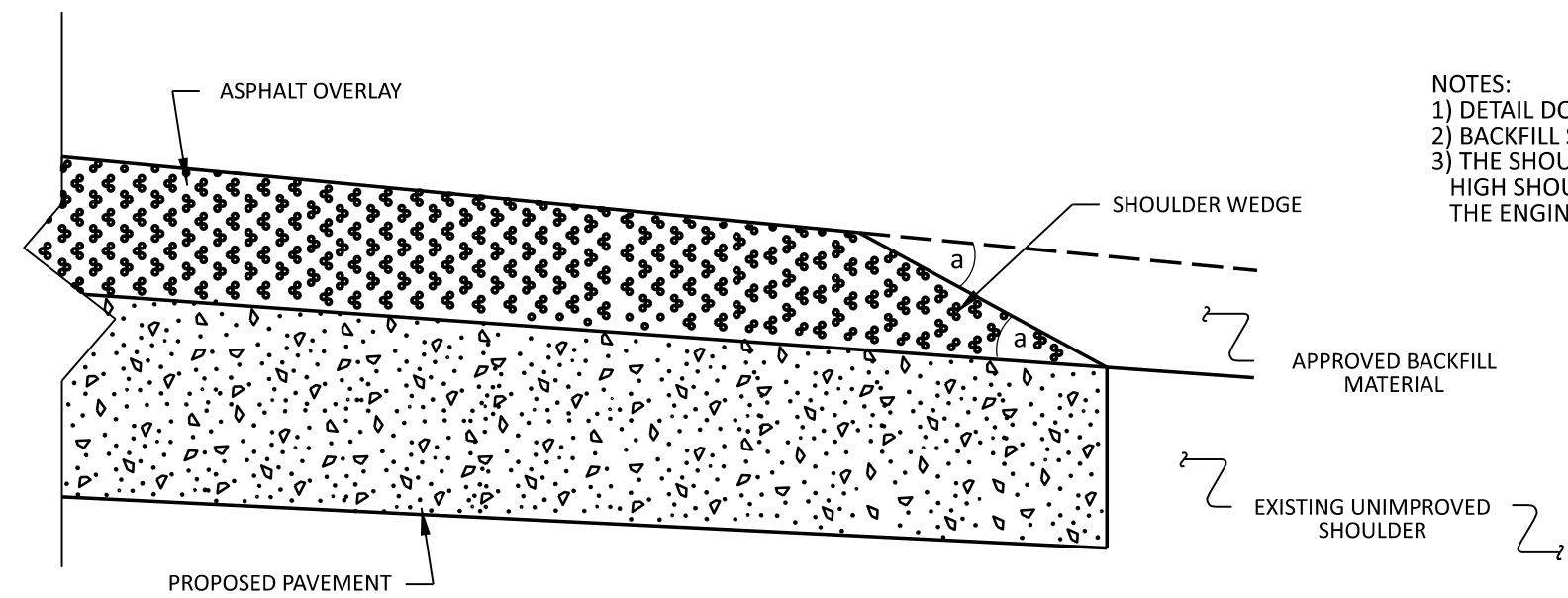


TYPICAL DETAIL OF PROJECT LIMITS AT
UNSIGNALIZED Y LINES

ADDITIONAL INTERSECTIONS (NON-TYPICAL)

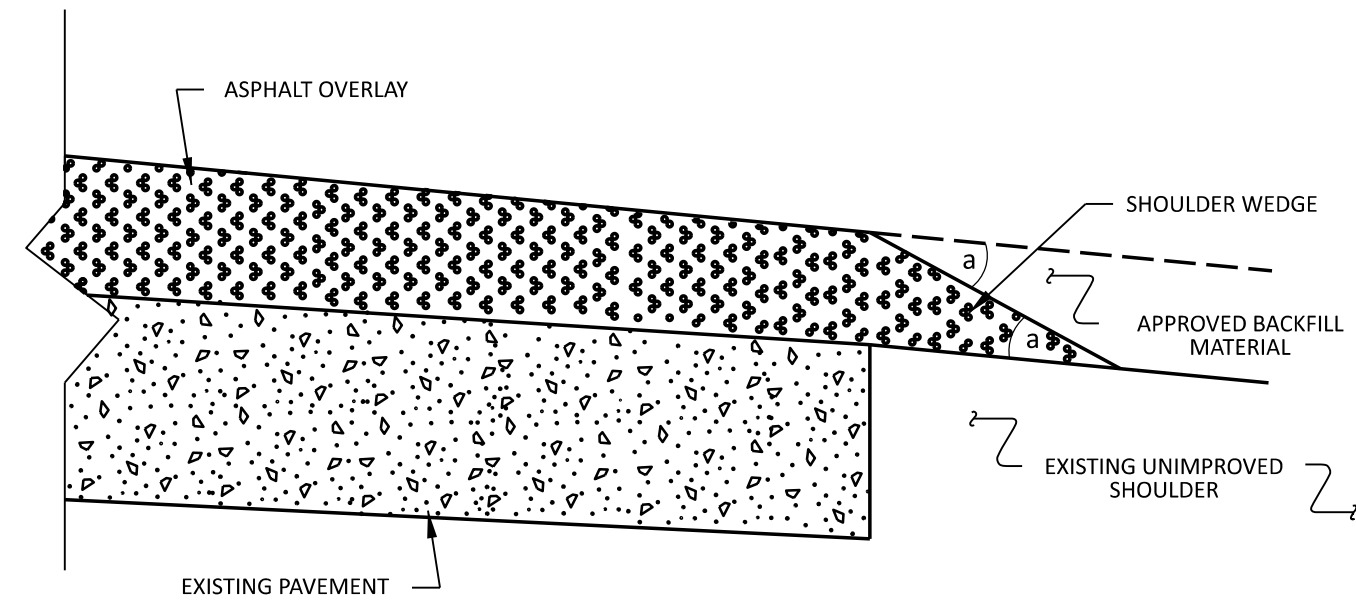
Extend paving limits to back of radius
or loop on the following intersections:

[illegible]

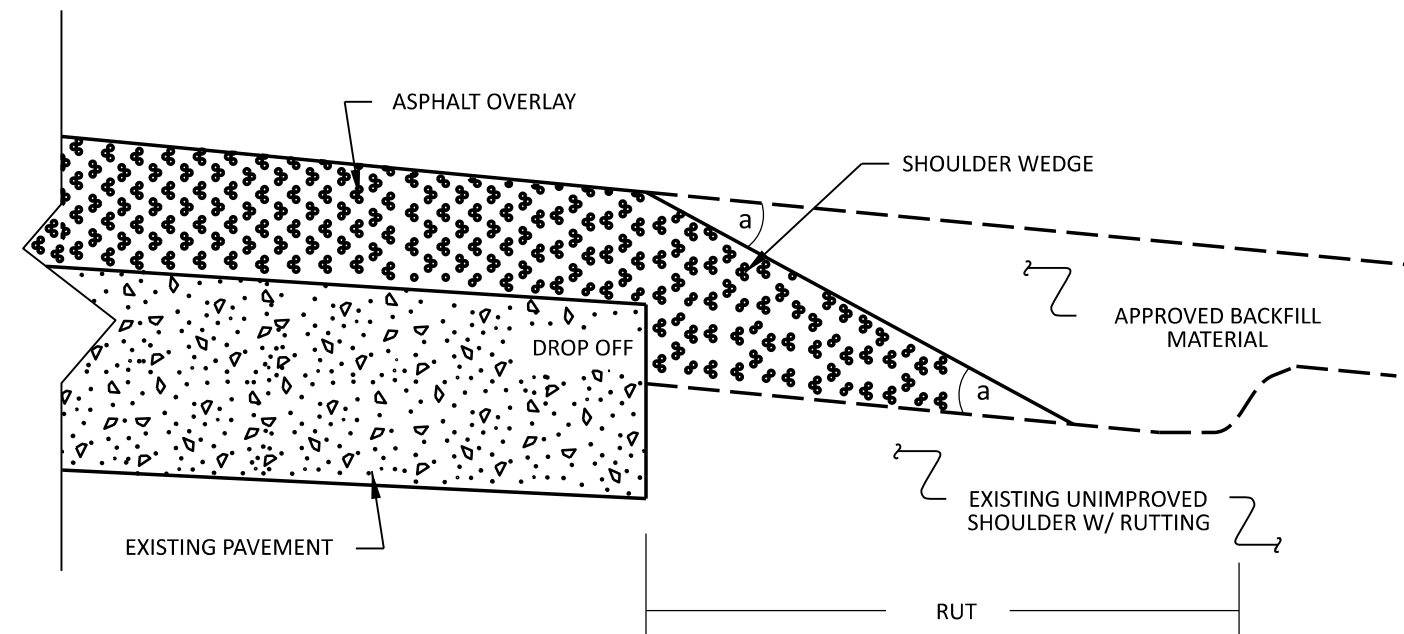


NOTES:
1) DETAIL DOES NOT APPLY TO OGAFC AND ULTRA-THIN BONDED WEARING COURSE.
2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS, HIGH SHOULDERS, AND OTHER LOCATIONS NOT FEASIBLE TO CONSTRUCT AS DIRECTED BY THE ENGINEER.

SHOULDER WEDGE DETAIL
(Resurfacing Projects w/ Widening or
with Existing Paved Shoulder having no dropoffs)



SHOULDER WEDGE DETAIL
(Resurfacing Projects w/ NO Widening)



SHOULDER WEDGE DETAIL
(Resurfacing Adjacent to
Rutted Shoulder)

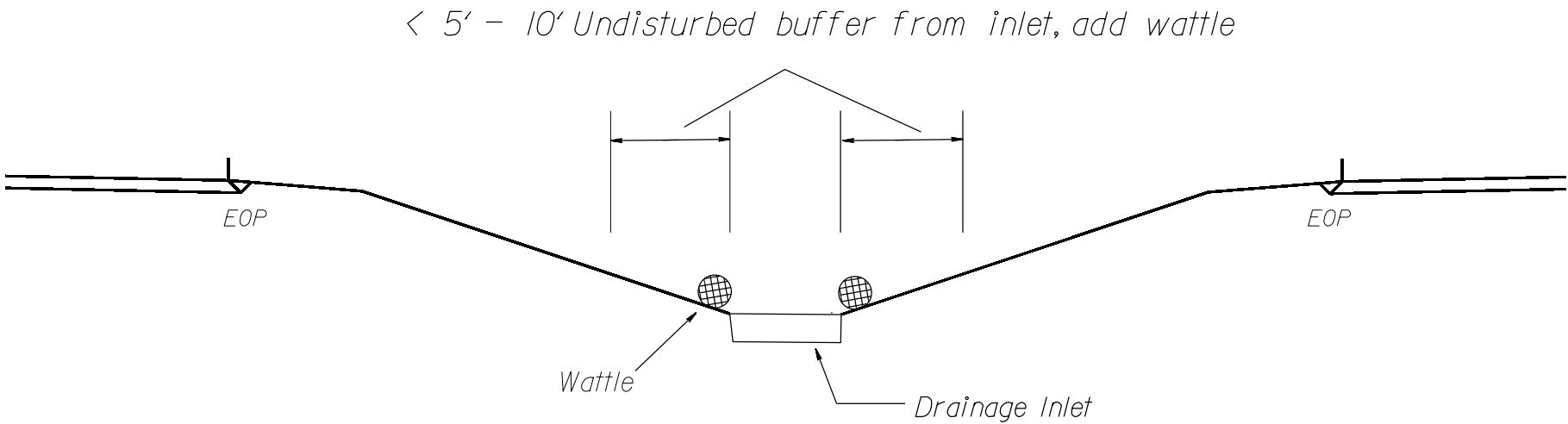
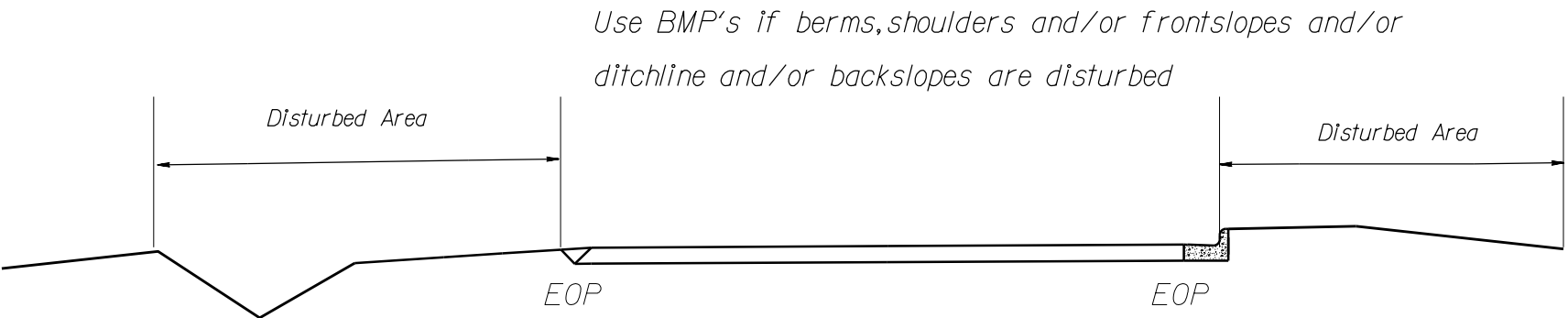
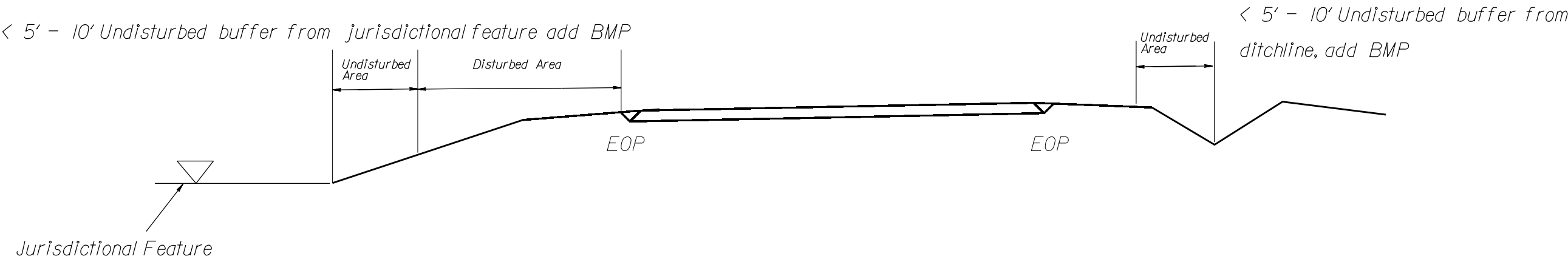
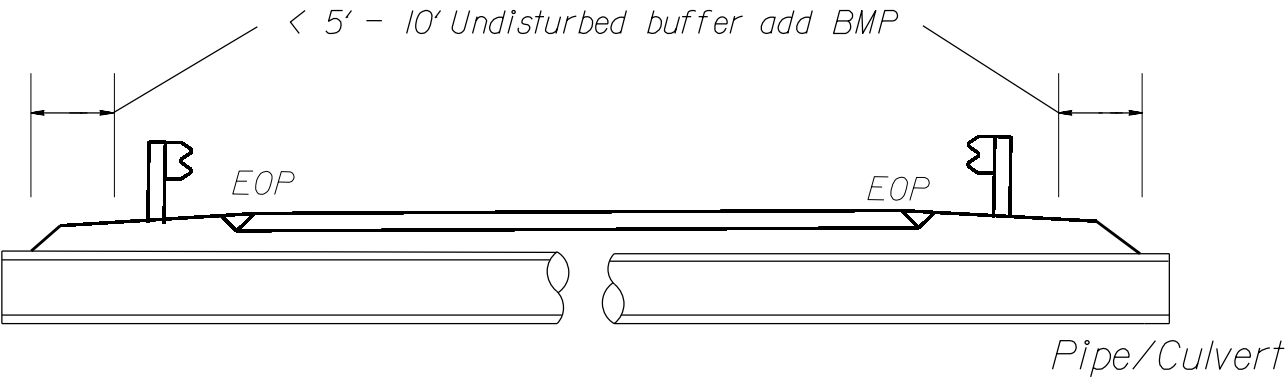
- SHOULDER WEDGE ANGLE = 30°

CONTRACT STANDARDS AND DEVELOPMENT UNIT Office 919-707-6950 FAX 919-250-4119			
SHOULDER WEDGE DETAILS			
ORIGINAL BY:	T.SPELL	DATE:	7-19-11
MODIFIED BY:		DATE:	10/16/12
CHECKED BY:		DATE:	
FILE SPEC.:	s:\usr\details\stand\shoulderwedgedetail.dgn		

NOTES: Less than 5' - 10' undisturbed buffer from ROW, ditchline, water feature, or drainage inlet, add BMP.

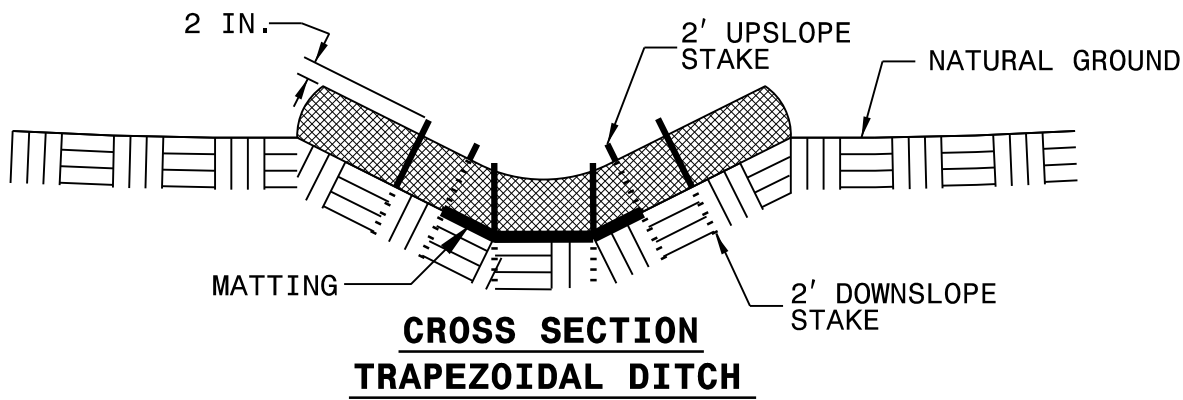
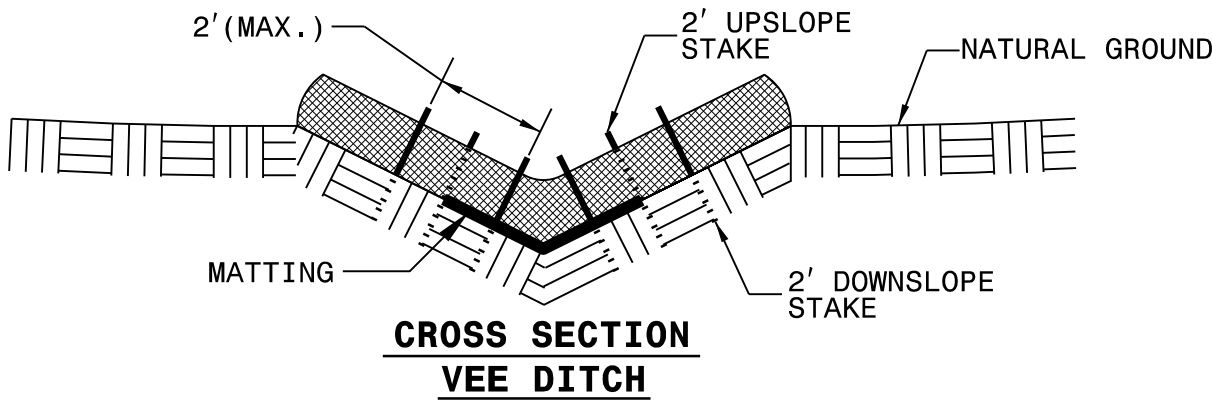
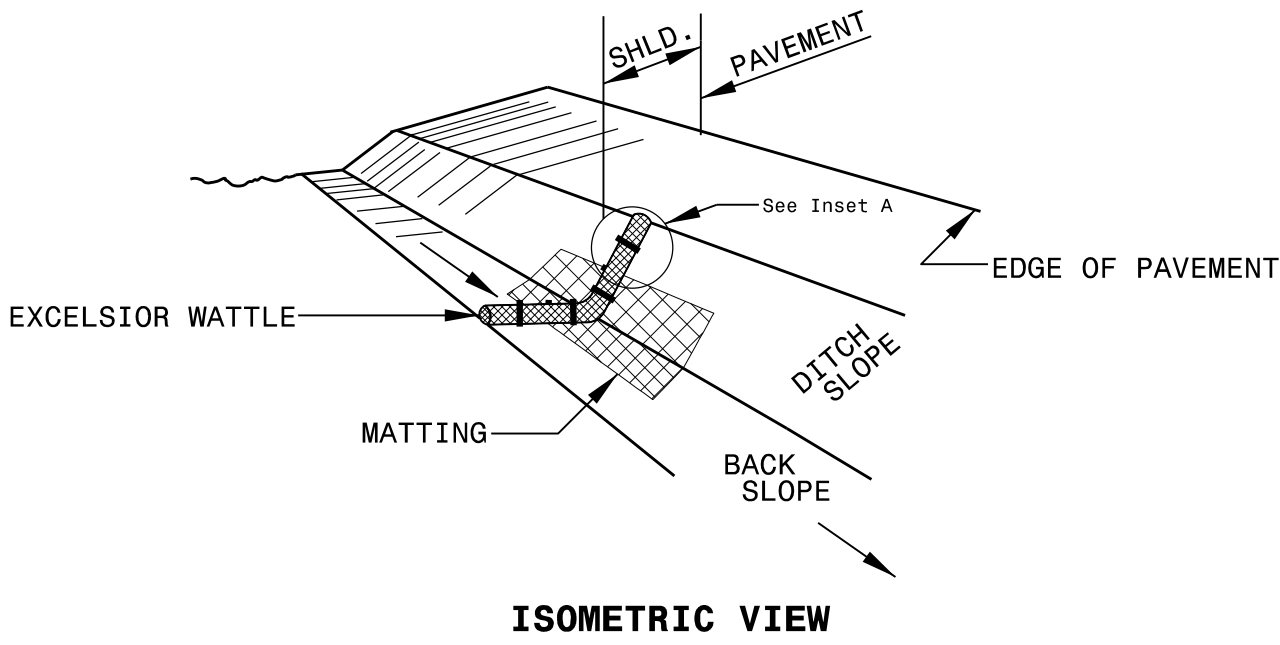
BMP Options: Wattle or Silt Fence

EROSION CONTROL DETAIL



NOT TO SCALE

WATTLE DETAIL



NOTES:

USE MINIMUM 12 IN. DIAMETER EXCELSIOR WATTLE.

USE 2 FT. WOODEN STAKES WITH A 2 IN. BY 2 IN. NOMINAL CROSS SECTION.

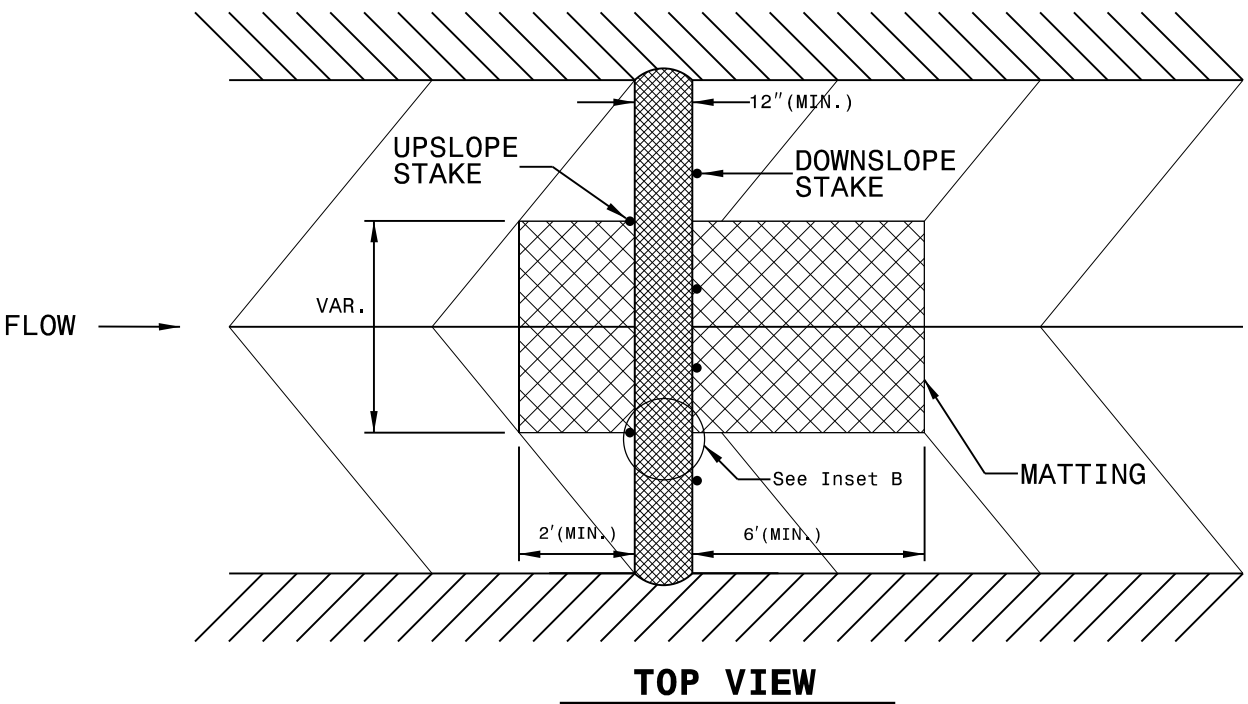
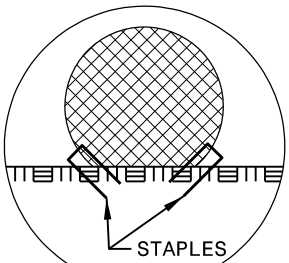
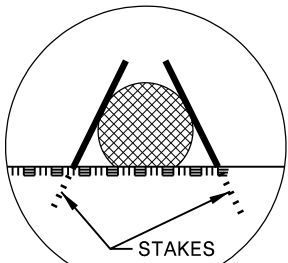
ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.

INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE STAKES AT AN ANGLE TO WEDGE WATTLE TO BOTTOM OF DITCH.

PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.

INSTALL STAPLES APPROXIMATELY EVERY 1 LINEAR FOOT ON BOTH SIDES OF WATTLE AND AT EACH END TO SECURE IT TO THE SOIL.

INSTALL MATTING IN ACCORDANCE WITH SECTION 1631 OF THE STANDARD SPECIFICATIONS.

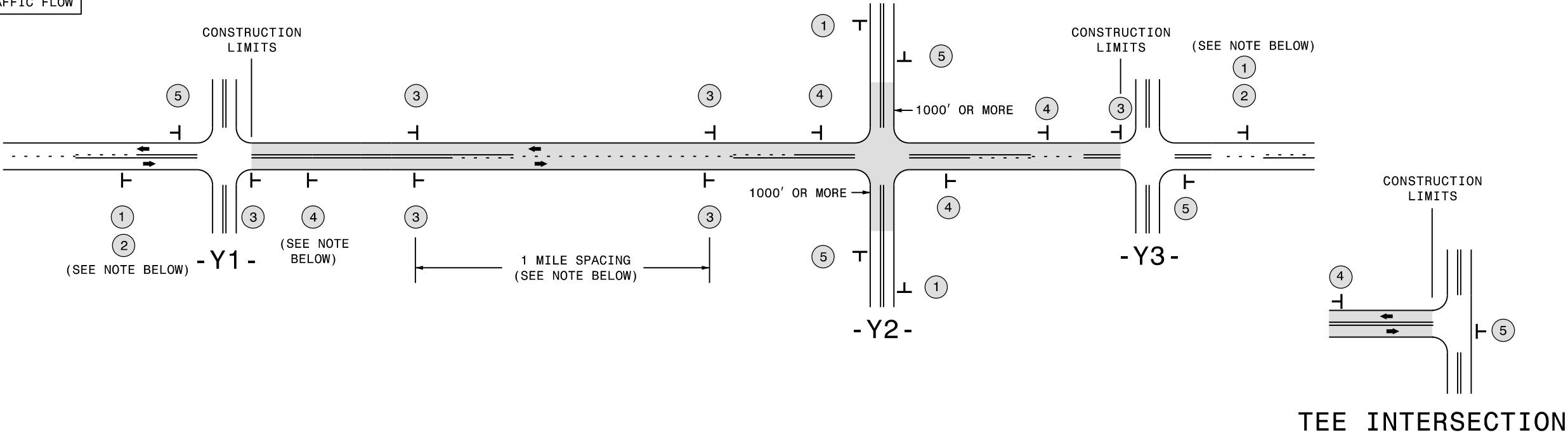


SIGNING FOR RESURFACING PROJECTS

LEGEND

STATIONARY SIGN

DIRECTION OF TRAFFIC FLOW



MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1 ROAD WORK AHEAD W20-1 48" X 48" 2 NEXT XX MILES W7-3aP 24" X 18" PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE. #2 SIGN ONLY USED WHEN CONSTRUCTION LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER.(NO FRACTIONAL OR DECIMAL NUMBERS)	NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS: 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE 2) SUBDIVISION ROADS 3) DEAD END ROADS WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, PORTABLE ADVANCE WARNING SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK. ROAD WORK AHEAD W20-1 48" X 48" PLACED 500' IN ADVANCE OF FLAGGER. W20-7 A 48" X 48" PLACED 250' IN ADVANCE OF FLAGGER.
	3 LOWSOFT SHOULDER SP 13107 48" X 48" - PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACE 1 MILE APART THEREAFTER. - AT TEE INTERSECTIONS INSTALL INITIALLY ½ MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.	
	4 ROAD UNDER CONST SP 13106 48" X 48" - THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS. - DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS. - INSTALL 500' +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE. - FOR MULTIPLE -Y- LINES THAT ARE SEPARATED BY 0.25 MILES OR LESS, TREAT AS A SINGLE UNIT AND INSTALL WITHIN 500' OF EACH APPROACH. - A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN. - FOR TEE INTERSECTIONS, INSTALL WITHIN 500' +/- OF THE INTERSECTION ALONG -L- LINE.	
	5 END ROAD WORK G20-2 A 48" X 24" PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.	
	THE ABOVE SIGNS ARE ALL THAT ARE REQUIRED FOR A CONTRACTOR TO BEGIN A RESURFACING CONTRACT. ANY ADDITIONAL SIGNS REQUESTED BY NCDOT DIVISIONS SHALL BE INSTALLED WITHIN 7 BUSINESS DAYS OF THE START OF CONTRACT WORK.	
LESS 2 MILES	FOR RESURFACING MAPS WITH CONSTRUCTION LIMITS LESS THAN 2 MILES IN LENGTH, NO STATIONARY SIGNS ARE REQUIRED. USE PORTABLE "ROAD UNDER CONSTRUCTION" OR "ROAD WORK AHEAD" SIGNS IN LIEU OF STATIONARY ADVANCE WARNINGS SIGNS.	

DIVISION OF HIGHWAYS

STATE OF NORTH CAROLINA

DEPARTMENT OF TRANSPORTATION

WORK ZONE TRAFFIC CONTROL

ADVANCE WARNING SIGNS FOR RURAL AND SUBURBAN 2-LANE ROADWAY RESURFACING

PROJECT NO.	SHEET NO.	TOTAL NO.
2025CPT.07.12.20411	15	18

SUMMARY OF QUANTITIES

											0106000000-E	1220000000-E	1245000000-E	1260000000-E	1297000000-E	1330000000-E	1519000000-E	1575000000-E	1704000000-E	1775000000-E	1838000000-E	2830000000-N	2845000000-N	6000000000-E	6071010000-E	6084000000-E	4457000000-N		4685000000-E	4688000000-E
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LENGTH	WIDTH	BEGIN MP	END MP	BORROW EXCAVATION	INCIDENTAL STONE	SHOULDER RECONSTRUCTION	AGGREGATE SHOULDER BORROW	MILLING ASPHALT PAVEMENT, 1 1/2" DEPTH	INCIDENTAL MILLING	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT	ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE	EMULSION FOR ASPHALT SURFACE TREATMENT	ADJUSTMENT OF MANHOLES	ADJUSTMENT OF METER BOXES OR VALVE BOXES	TEMPORARY SILT FENCE	WATTLE	SEEDING & MULCHING	TEMPORARY TRAFFIC CONTROL	4" X 90 M WHITE THERMO	4" X 90 M YELLOW THERMO	6" X 90 M WHITE THERMO
							MI	FT																						
2025CPT.07.12.20411	Guilford	1	SR-3644 / MANORWOOD RD	FROM SR 3329 - WILLIAMS DAIRY RD TO CUL-DE-SAC	1	2	0.18	21	0	0.18	8		0.33			196	251	16		2,606	860	1		66	7	0.03				
TOTAL FOR MAP NO. 1							0.18				8		0.33			196	251	16		2,606	860	1		66	7	0.03				
2025CPT.07.12.20411	Guilford	2	SR-3645 / STONEBROOK FARMS RD	FROM SR 3644 - MANORWOOD RD TO SR 3715 - BROOKFOREST DR	1	2	0.51	20	0	0.51	25		1.02				598	39	1	6,142	2,027			203	20	0.09				
TOTAL FOR MAP NO. 2							0.51				25		1.02				598	39	1	6,142	2,027			203	20	0.09				
2025CPT.07.12.20411	Guilford	3	SR-3646 / FIELDGATE RD	FROM SR 3645 - STONEBROOK FARMS RD TO DEAD END	1	2	0.10	20	0	0.1	5	3	0.20				108	7		1,185	391			40	4	0.02				
TOTAL FOR MAP NO. 3							0.10				5	3	0.20				108	7		1,185	391			40	4	0.02				
2025CPT.07.12.20411	Guilford	4	SR-3690 / STONEBROOK FARMS CT	FROM SR 3645 - STONEBROOK FARMS RD TO CUL-DE-SAC	1	2	0.10	20	0	0.1	4		0.18				135	9		1,492	492			36	4	0.02				
TOTAL FOR MAP NO. 4							0.10				4		0.18				135	9		1,492	492			36	4	0.02				
2025CPT.07.12.20411	Guilford	5	SR-3715 / BROOKFOREST DR	FROM SR 3314 - WILEY LEWIS RD TO SR 3645 - STONEBROOK FARMS RD	2	2	0.57	26	0	0.57					8,491	273	795	52				6	4							
TOTAL FOR MAP NO. 5							0.57								8,491	273	795	52				6	4							
2025CPT.07.12.20411	Guilford	6	SR-3716 / NORTHUMBERLAND DR	FROM SR 3715 - BROOKFOREST DR TO DEAD END	2	2	0.32	26	0	0.32					4,688	137	438	28				5	4							
TOTAL FOR MAP NO. 6							0.32								4,688	137	438	28				5	4							
2025CPT.07.12.20411	Guilford	7	SR-3726 / ESTESWOOD CT	FROM SR 3716 - NORTHUMBERLAND DR TO CUL-DE-SAC	2	2	0.05	22	0	0.05					395	650	95	6				1	1							
TOTAL FOR MAP NO. 7							0.05								395	650	95	6				1	1							
2025CPT.07.12.20411	Guilford	8	SR-3572 / LORMAR RD	FROM SR 3329 - WILLIAMS DAIRY RD TO CUL-DE-SAC	1	2	0.15	20	0	0.15	7	9	0.28			171	176	12	9	1,944	641			56	6	0.03				
TOTAL FOR MAP NO. 8							0.15				7	9	0.28			171	176	12	9	1,944	641			56	6	0.03				
2025CPT.07.12.20411	Guilford	9	SR-3780 / HICKORY MEADOW RD	FROM SR 3329 - WILLIAMS DAIRY RD TO DEAD END	1	2	0.31	20	0	0.31	15		0.59			167	329	22	9	3,511	1,159			119	12	0.05				
TOTAL FOR MAP NO. 9							0.31				15		0.59			167	329	22	9	3,511	1,159			119	12	0.05				
2025CPT.07.12.20411	Guilford	10	SR-3781 / THORNBROOK RD	FROM SR 3780 - HICKORY MEADOW RD TO DEAD END	1	2	0.07	20	0	0.07	3		0.12				64	5	8	704	232			24	2	0.01				
TOTAL FOR MAP NO. 10							0.07				3		0.12				64	5	8	704	232			24	2	0.01				
2025CPT.07.12.20411	Guilford	11	SR-3749 / SOUTHEAST DR	FROM SR 3748 - LAUREL OAKS DR TO SR 3330 - SOUTHEAST SCHOOL RD	1	2	0.11	21	0	0.11	5		0.19			263	114	7		1,255	414			38	4	0.02				
TOTAL FOR MAP NO. 11							0.11				5		0.19			263	114	7		1,255	414			38	4	0.02				
2025CPT.07.12.20411	Guilford	12	SR-3748 / LAUREL OAKS DR	FROM SR 3747 - SHAW FARM CIR TO CUL-DE-SAC	1	2	0.24	20	0	0.24	12		0.48				311	22	36	3,189	1,052			95	10	0.04				
TOTAL FOR MAP NO. 12							0.24				12		0.48				311	22	36	3,189	1,052			95	10	0.04				
2025CPT.07.12.20411	Guilford	13	SR-3750 / BELL TOWER CT	FROM SR 3748 - LAUREL OAKS DR TO CUL-DE-SAC	1	2	0.13	20	0	0.13	6		0.24				194	13	1	2,139	706			48	5	0.02				
TOTAL FOR MAP NO. 13							0.13				6		0.24				194	13	1	2,139	706			48	5	0.02				
2025CPT.07.12.20411	Guilford	14	SR-3747 / SHAW FARM CIR	FROM SR 3330 - SOUTHEAST SCHOOL RD TO SR 3746 - OLD WELL PL	1	2	0.24	20	0	0.24	12		0.47			171	308	20		3,174	1,047			94	9	0.04				
TOTAL FOR MAP NO. 14							0.24				12		0.47			171	308	20		3,174	1,047			94	9	0.04				
2025CPT.07.12.20411	Guilford	15	SR-3746 / OLD WELL PL	FROM SR 3742 - OAKMOOR DR TO SR 3747 - SHAW FARM CIR	1	2	0.14	20	0	0.14	6		0.25				141	9	1	1,557	514			51	5	0.02				
TOTAL FOR MAP NO. 15							0.14				6		0.25				141	9	1	1,557	514			51	5	0.02				
2025CPT.07.12.20411	Guilford	16	SR-3745 / OAKMOOR CIR	FROM SR 3746 - OLD WELL PL TO CUL-DE-SAC	1	2	0.05	20	0	0.05	3		0.13				87	6		959	317			27	3	0.01				
TOTAL FOR MAP NO. 16							0.05				3		0.13				87	6		959	317			27	3	0.01				

NOTE: All Quantities listed include turn lanes and are estimates; Payment will be based on actual field measurements and quantities received.

PROJECT NO.	SHEET NO.	TOTAL NO.
2025CPT.07.12.20411	16	18

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LENGTH	WIDTH	BEGIN MP	END MP	0106000000-E	1220000000-E	1245000000-E	1260000000-E	1297000000-E	1330000000-E	1519000000-E	1575000000-E	1704000000-E	1775000000-E	1838000000-E	2830000000-N	2845000000-N	6000000000-E	6071010000-E	6084000000-E	4457000000-N	4685000000-E		4688000000-E
											BORROW EXCAVATION	INCIDENTAL STONE	SHOULDER RECONSTRUCTION	AGGREGATE SHOULDER BORROW	MILLING ASPHALT PAVEMENT, 1 1/2" DEPTH	INCIDENTAL MILLING	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT	ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE	EMULSION FOR ASPHALT SURFACE TREATMENT	ADJUSTMENT OF MANHOLES	ADJUSTMENT OF METER BOXES OR VALVE BOXES	TEMPORARY SILT FENCE	WATTLE	SEEDING & MULCHING	TEMPORARY TRAFFIC CONTROL	4" X 90 M WHITE THERMO	4" X 90 M YELLOW THERMO	6" X 90 M WHITE THERMO
							MI	FT			CY	TONS	SMI	TON	SY	SY	TONS	TON	TON	SY	GAL	EA	EA	LF	LF	AC	LS	LF	LF	LF
2025CPT.07.12.20411	Guilford	17	SR-3742 / OAKMOOR DR	FROM SR 3642 - COLTSWOOD DR TO SR 3745 - OAKMOOR CIR	1	2	0.43	20	0	0.43	22		0.86				525	34	1	5,214	1,720			172	17	0.08	1.00			
TOTAL FOR MAP NO. 17							0.43				22		0.86				525	34	1	5,214	1,720			172	17	0.08				
2025CPT.07.12.20411	Guilford	18	SR-3744 / SMITHFIELD DR	FROM SR 3742 - OAKMOOR DR TO CUL-DE-SAC	1	2	0.15	20	0	0.15	7		0.28				205	13		2,257	745			57	6	0.03				
TOTAL FOR MAP NO. 18							0.15				7		0.28				205	13		2,257	745			57	6	0.03				
2025CPT.07.12.20411	Guilford	19	SR-3743 / BEARWICK CIR	FROM SR 3742 - OAKMOOR DR TO CUL-DE-SAC	1	2	0.07	20	0	0.07	3		0.13				99	6		1,095	361			26	3	0.01				
TOTAL FOR MAP NO. 19							0.07				3		0.13				99	6		1,095	361			26	3	0.01				
2025CPT.07.12.20411	Guilford	20	SR-3642 / COLTSWOOD DR	FROM SR 3533 - OAKCLIFFE RD TO DEAD END	1	2	0.22	21	0	0.22	11		0.43			175	246	16	1	2,641	871			85	9	0.04				
TOTAL FOR MAP NO. 20							0.22				11		0.43			175	246	16	1	2,641	871			85	9	0.04				
2025CPT.07.12.20411	Guilford	21	SR-3667 / BRIDGES CREEK DR	FROM CUL-DE-SAC TO DEAD END	1	2	0.16	20	0	0.16	8	9	0.31				229	15		2,405	794			62	6	0.03				
TOTAL FOR MAP NO. 21							0.16				8	9	0.31				229	15		2,405	794			62	6	0.03				
2025CPT.07.12.20411	Guilford	22	SR-3698 / DEEP FOREST DR	FROM SR 3664 - WILLOW BEND RD TO END PVMT	1	2	0.07	21	0	0.07	4	3	0.16				92	6		1,009	333			33	3	0.01				
TOTAL FOR MAP NO. 22							0.07				4	3	0.16				92	6		1,009	333			33	3	0.01				
2025CPT.07.12.20411	Guilford	23	SR-3665 / ROLLING MEADOW DR	FROM SR 3664 - WILLOW BEND RD TO CUL-DE-SAC	1	2	0.34	20	0	0.34	14	18	0.66	5			406	26		4,390	1,449	1		132	13	0.05				
TOTAL FOR MAP NO. 23							0.34				14	18	0.66	5			406	26		4,390	1,449	1		132	13	0.05				
2025CPT.07.12.20411	Guilford	24	SR-3666 / SHADY MAPLE DR	FROM SR 3334 - BLAKESHIRE RD TO SR 3667 - BRIDGES CREEK DR	1	2	0.16	21	0	0.16	7	21	0.30			175	166	11	1	1,831	604			59	6	0.03				
TOTAL FOR MAP NO. 24							0.16				7	21	0.30			175	166	11	1	1,831	604			59	6	0.03				
2025CPT.07.12.20411	Guilford	25	SR-3758 / WEATHERSTONE DR	FROM SR 3757 - WINDING RIDGE DR TO SR 3696 - DEER FOREST CT	2	2	0.19	21	0	0.19					2,617		237	15				3								
TOTAL FOR MAP NO. 25							0.19								2,617		237	15				3								
2025CPT.07.12.20411	Guilford	26	SR-3664 / WILLOW BEND RD	FROM SR 3334 - BLAKESHIRE RD TO END PVMT	1	2	0.37	21	0	0.37	12		0.50	1		233	315	20		3,133	1,034			100	10	0.04				
TOTAL FOR MAP NO. 26							0.37				12		0.50	1		233	315	20		3,133	1,034			100	10	0.04				
2025CPT.07.12.20411	Guilford	27	SR-3741 / WINDING RIDGE CT	FROM SR 3602 - OLDE FOREST DR TO CUL-DE-SAC	2	2	0.11	26	0	0.11					1,307	650	178	12				4								
TOTAL FOR MAP NO. 27							0.11								1,307	650	178	12				4								
2025CPT.07.12.20411	Guilford	28	SR-3757 / WINDING RIDGE DR	FROM SR 3602 - OLDE FOREST DR TO CUL-DE-SAC	2	2	0.22	26	0	0.22					3,037	784	347	23				6								
TOTAL FOR MAP NO. 28							0.22								3,037	784	347	23				6								
2025CPT.07.12.20411	Guilford	29	SR-3512 / FOREST OAKS DR	FROM SR 3511 - BELVOIR DR TO SR 3549 - LIBERTY RD	1	2	1.45	21	0	1.45	28	9	2.82	80		1,561	1,824	119		18,820	6,210			564	56	0.10		15,500	15,000	120
TOTAL FOR MAP NO. 29							1.45				28	9	2.82	80		1,561	1,824	119		18,820	6,210			564	56	0.10		15,500	15,000	120
2025CPT.07.12.20411	Guilford	30	SR-3571 / HARWOOD RD	FROM SR 3512 - FOREST OAKS DR TO SR 3578 - WOODWIND DR	1	2	0.08	20	0	0.08	4	3	0.15				80	5		882	291			29	3	0.01				
TOTAL FOR MAP NO. 30							0.08				4	3	0.15				80	5		882	291			29	3	0.01				
2025CPT.07.12.20411	Guilford	31	SR-3578 / WOODWIND DR	FROM SR 3571 - HARWOOD RD TO DEAD END	1	2	0.11	20	0	0.11	5	12	0.21				118	8	6	1,295	427			43	4	0.02				
TOTAL FOR MAP NO. 31							0.11				5	12	0.21				118	8	6	1,295	427			43	4	0.02				
2025CPT.07.12.20411	Guilford	32	SR-3775 / HAGAN CT	FROM SR 3549 - LIBERTY RD TO DEAD END	1	2	0.36	21	0	0.36	9	30	0.69	16		188	416	27		4,585	1,513			139	14	0.03		3,600	3,600	
TOTAL FOR MAP NO. 32							0.36				9	30	0.69	16		188	416	27		4,585	1,513			139	14	0.03		3,600	3,600	
2025CPT.07.12.20411	Guilford	33	SR-3599 / MELVINA RD	FROM SR 3333 - THORNY RD TO DEAD END	1	2	0.43	21	0	0.43	15	33	0.86	12		175	481	33	30	5,305	1,751			171	17	0.05				
TOTAL FOR MAP NO. 33							0.43				15	33	0.86	12		175	481	33	30	5,305	1,751			171	17	0.05				

NOTE: All Quantities listed include turn lanes and are estimates; Payment will be based on actual field measurements and quantities received.

PROJECT NO.	SHEET NO.	TOTAL NO.
2025CPT.07.12.20411	17	18

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LENGTH	WIDTH	BEGIN MP	END MP	0106000000-E	1220000000-E	1245000000-E	1260000000-E	1297000000-E	1330000000-E	1519000000-E	1575000000-E	1704000000-E	1775000000-E	1838000000-E	2830000000-N	2845000000-N	6000000000-E	6071010000-E	6084000000-E	4457000000-N	4685000000-E		4688000000-E
											BORROW EXCAVATION	INCIDENTAL STONE	SHOULDER RECONSTRUCTION	AGGREGATE SHOULDER BORROW	MILLING ASPHALT PAVEMENT, 1 1/2" DEPTH	INCIDENTAL MILLING	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT	ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE	EMULSION FOR ASPHALT SURFACE TREATMENT	ADJUSTMENT OF MANHOLES	ADJUSTMENT OF METER BOXES OR VALVE BOXES	TEMPORARY SILT FENCE	WATTLE	SEEDING & MULCHING	TEMPORARY TRAFFIC CONTROL	4" X 90 M WHITE THERMO	4" X 90 M YELLOW THERMO	6" X 90 M WHITE THERMO
							MI	FT			CY	TONS	SMI	TON	SY	SY	TONS	TON	TON	SY	GAL	EA	EA	LF	LF	AC	LS	LF	LF	LF
2025CPT.07.12.20411	Guilford	34	SR-3719 / ELKS FOREST DR	FROM SR 3381 - MONNETT RD TO CUL-DE-SAC	1	2	0.25	20	0	0.25	12		0.48			167	306	20		3,210	1,059			97	10	0.04				
TOTAL FOR MAP NO. 34							0.25				12		0.48			167	306	20		3,210	1,059			97	10	0.04				
2025CPT.07.12.20411	Guilford	35	SR-3720 / WOLF DEN CT	FROM SR 3719 - ELKS FOREST DR TO CUL-DE-SAC	1	2	0.07	20	0	0.07	3		0.11				90	6		991	327			23	2	0.01				
TOTAL FOR MAP NO. 35							0.07				3		0.11				90	6		991	327			23	2	0.01				
2025CPT.07.12.20411	Guilford	36	SR-3451 / CHARLSTON RD	FROM SR 3414 - TALBOT RD TO SR 3789 - NEELLEY WY	1	2	0.42	20	0	0.42	14	33	0.80	11		342	441	29	9	4,858	1,603			161	16	0.05				
TOTAL FOR MAP NO. 36							0.42				14	33	0.80	11		342	441	29	9	4,858	1,603			161	16	0.05				
2025CPT.07.12.20411	Guilford	37	SR-3782 / RAVEN GLEN DR	FROM SR 3418 - NEELLEY RD TO SR 3783 - MINDEN CT	1	2	0.23	20	0	0.23	10		0.41			183	227	15		2,506	827			83	8	0.04				
TOTAL FOR MAP NO. 37							0.23				10		0.41			183	227	15		2,506	827			83	8	0.04				
2025CPT.07.12.20411	Guilford	38	SR-3783 / MINDEN CT	FROM SR 3782 - RAVEN GLEN DR TO CUL-DE-SAC	1	2	0.07	20	0	0.07	3		0.13				106	8	16	1,166	385			25	3	0.01				
TOTAL FOR MAP NO. 38							0.07				3		0.13				106	8	16	1,166	385			25	3	0.01				
2025CPT.07.12.20411	Guilford	39	SR-3784 / MINDEN RD	FROM SR 3782 - RAVEN GLEN DR TO DEAD END	1	2	0.05	20	0	0.05	3		0.13				93	6		802	265			27	3	0.01				
TOTAL FOR MAP NO. 39							0.05				3		0.13				93	6		802	265			27	3	0.01				
2025CPT.07.12.20411	Guilford	40	SR-3679 / CARRIAGE RUN DR	FROM SR 3738 - ALLIANCE CHURCH RD TO DEAD END	1	2	0.32	20	0	0.32	12	9	0.62	6		175	341	22	5	3,640	1,201			123	12	0.04				
TOTAL FOR MAP NO. 40							0.32				12	9	0.62	6		175	341	22	5	3,640	1,201			123	12	0.04				
2025CPT.07.12.20411	Guilford	41	SR-3680 / RUNNING MEAD RD	FROM SR 3679 - CARRIAGE RUN DR TO BEG C&G	1	2	0.13	20	0	0.13	6	3	0.24			192	130	8		1,434	473			48	5	0.02				
2025CPT.07.12.20411	Guilford	41	SR-3680 / RUNNING MEAD RD	FROM BEG C&G TO SR 3414 - TALBOT RD	2	2	0.25	26	0.13	0.38					3,846	137	361	23				4								
TOTAL FOR MAP NO. 41							0.38				6	3	0.24		3,846	329	491	31		1,434	473	4		48	5	0.02				
2025CPT.07.12.20411	Guilford	42	SR-3659 / STONEBRIDGE RD	FROM SR 3418 - NEELLEY RD TO DEAD END	1	2	0.42	21	0	0.42	20		0.80			179	479	32	13	5,082	1,677			160	16	0.07				
TOTAL FOR MAP NO. 42							0.42				20		0.80			179	479	32	13	5,082	1,677			160	16	0.07				
2025CPT.07.12.20411	Guilford	43	SR-3660 / JAREDS POND RD	FROM SR 3659 - STONEBRIDGE RD TO CUL-DE-SAC	1	2	0.20	20	0	0.2	7	18	0.29				192	12		2,116	698			58	6	0.03				
TOTAL FOR MAP NO. 43							0.20				7	18	0.29				192	12		2,116	698			58	6	0.03				
2025CPT.07.12.20411	Guilford	44	SR-3754 / JAREDS POND CT	FROM SR 3659 - STONEBRIDGE RD TO CUL-DE-SAC	1	2	0.06	20	0	0.06	3		0.10				81	5		893	295			21	2	0.01				
TOTAL FOR MAP NO. 44							0.06				3		0.10				81	5		893	295			21	2	0.01				
2025CPT.07.12.20411	Guilford	45	SR-3632 / HUNTERS RIDGE DR	FROM SR 3738 - ALLIANCE CHURCH RD TO CUL-DE-SAC	1	2	0.40	21	0	0.4	19		0.76			175	514	34	7	5,119	1,689			152	15	0.07				
TOTAL FOR MAP NO. 45							0.40				19		0.76			175	514	34	7	5,119	1,689			152	15	0.07				
2025CPT.07.12.20411	Guilford	46	SR-3651 / DEERBROOK DR	FROM SR 3632 - HUNTERS RIDGE DR TO SR 3652 - RIDGEPOINT DR	1	2	0.15	20	0	0.15	7		0.26				148	11	32	1,631	538			53	5	0.02				
TOTAL FOR MAP NO. 46							0.15				7		0.26				148	11	32	1,631	538			53	5	0.02				
2025CPT.07.12.20411	Guilford	47	SR-3652 / RIDGEPOINT DR/HORIZON DR/HORIZON PL/BEGONIA RD	FROM DEAD END TO DEAD END	1	2	0.54	20	0	0.54	21	24	1.10	13			636	41		6,634	2,189			219	22	0.07				
TOTAL FOR MAP NO. 47							0.54				21	24	1.10	13			636	41		6,634	2,189			219	22	0.07				
2025CPT.07.12.20411	Guilford	48	SR-3653 / RIDGEPOINT CIR	FROM SR 3652 - RIDGEPOINT DR TO CUL-DE-SAC	1	2	0.09	20	0	0.09	4		0.16				131	9		1,438	475			33	3	0.01				
TOTAL FOR MAP NO. 48							0.09				4		0.16				131	9		1,438	475			33	3	0.01				
2025CPT.07.12.20411	Guilford	49	SR-3637 / HUNTINGWOOD DR	FROM SR 3632 - HUNTERS RIDGE DR TO CUL-DE-SAC	1	2	0.20	20	0	0.2	10		0.39				265	17		2,798	923			78	8	0.04				
TOTAL FOR MAP NO. 49							0.20				10		0.39				265	17		2,798	923			78	8	0.04				

NOTE: All Quantities listed include turn lanes and are estimates; Payment will be based on actual field measurements and quantities received.

PROJECT NO.	SHEET NO.	TOTAL NO.
2025CPT.07.12.20411	18	18

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LENGTH	WIDTH	BEGIN MP	END MP	0106000000-E	1220000000-E	1245000000-E	1260000000-E	1297000000-E	1330000000-E	1519000000-E	1575000000-E	1704000000-E	1775000000-E	1838000000-E	2830000000-N	2845000000-N	6000000000-E	6071010000-E	6084000000-E	4457000000-N	4685000000-E		4688000000-E
											BORROW EXCAVATION	INCIDENTAL STONE	SHOULDER RECONSTRUCTION	AGGREGATE SHOULDER BORROW	MILLING ASPHALT PAVEMENT, 1 1/2" DEPTH	INCIDENTAL MILLING	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT	ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE	EMULSION FOR ASPHALT SURFACE TREATMENT	ADJUSTMENT OF MANHOLES	ADJUSTMENT OF METER BOXES OR VALVE BOXES	TEMPORARY SILT FENCE	WATTLE	SEEDING & MULCHING	TEMPORARY TRAFFIC CONTROL	4" X 90 M WHITE THERMO	4" X 90 M YELLOW THERMO	6" X 90 M WHITE THERMO
							MI	FT			CY	TONS	SMI	TON	SY	SY	TONS	TON	TON	SY	GAL	EA	EA	LF	LF	AC	LS	LF	LF	LF
2025CPT.07.12.20411	Guilford	50	SR-3638 / BRIARFIELD CT	FROM SR 3637 - HUNTINGWOOD DR TO CUL-DE-SAC	1	2	0.12	20	0	0.12	6		0.23				160	10		1,761	581			46	5	0.02				
TOTAL FOR MAP NO. 50							0.12				6		0.23				160	10		1,761	581			46	5	0.02				
2025CPT.07.12.20411	Guilford	51	SR-3633 / FOXVIEW DR	FROM SR 3632 - HUNTERS RIDGE DR TO SR 3772 - BETHANY PARK DR	1	2	0.27	20	0	0.27	14		0.55				316	21	2	3,346	1,104			111	11	0.05				
TOTAL FOR MAP NO. 51							0.27				14		0.55				316	21	2	3,346	1,104			111	11	0.05				
2025CPT.07.12.20411	Guilford	52	SR-3772 / BETHANY PARK DR	FROM SR 3414 - TALBOT RD TO SR 3633 - FOXVIEW DR	1	2	0.35	20	0	0.35	17		0.67			171	399	27	14	4,079	1,346			135	13	0.06				
TOTAL FOR MAP NO. 52							0.35				17		0.67			171	399	27	14	4,079	1,346			135	13	0.06				
2025CPT.07.12.20411	Guilford	53	SR-3773 / LORD ASHLEY DR	FROM SR 3772 - BETHANY PARK DR TO DEAD END	1	2	0.07	20	0	0.07	3		0.13	1			75	5	1	749	247			25	3	0.01				
TOTAL FOR MAP NO. 53							0.07				3		0.13	1			75	5	1	749	247			25	3	0.01				
2025CPT.07.12.20411	Guilford	54	SR-3694 / BREKENWOOD RD	FROM SR 3414 - TALBOT RD TO DEAD END	1	2	0.28	20	0	0.28	12	3	0.53	2		171	315	22	22	3,197	1,055			106	11	0.04				
TOTAL FOR MAP NO. 54							0.28				12	3	0.53	2		171	315	22	22	3,197	1,055			106	11	0.04				
2025CPT.07.12.20411	Guilford	55	SR-3723 / W BREKENWOOD CT	FROM SR 3694 - BREKENWOOD RD TO CUL-DE-SAC	1	2	0.07	20	0	0.07	2		0.13	2			113	7		1,242	410			26	3	0.01				
TOTAL FOR MAP NO. 55							0.07				2		0.13	2			113	7		1,242	410			26	3	0.01				
2025CPT.07.12.20411	Guilford	56	SR-3739 / E BREKENWOOD CT	FROM SR 3694 - BREKENWOOD RD TO CUL-DE-SAC	1	2	0.09	20	0	0.09	2	3	0.16	3			112	7		1,237	408			31	3	0.01				
TOTAL FOR MAP NO. 56							0.09				2	3	0.16	3			112	7		1,237	408			31	3	0.01				
2025CPT.07.12.20411	Guilford	57	SR-3711 / MACON GLEN DR	FROM SR 3621 - APPOMATTOX RD TO END PVMT	1	2	0.26	20	0	0.26	13	9	0.53			167	320	21		3,142	1,037			106	11	0.05				
TOTAL FOR MAP NO. 57							0.26				13	9	0.53			167	320	21		3,142	1,037			106	11	0.05				
2025CPT.07.12.20411	Guilford	58	SR-3712 / MACON GLEN CT	FROM SR 3711 - MACON GLEN DR TO CUL-DE-SAC	1	2	0.08	20	0	0.08	3	6	0.14	1			118	8	15	1,304	430			27	3	0.01				
TOTAL FOR MAP NO. 58							0.08				3	6	0.14	1			118	8	15	1,304	430			27	3	0.01				
2025CPT.07.12.20411	Guilford	59	SR-3713 / OAK POINT DR	FROM SR 3711 - MACON GLEN DR TO END MAINT	1	2	0.13	20	0	0.13	6	9	0.25				132	9	2	1,453	480			49	5	0.02				
TOTAL FOR MAP NO. 59							0.13				6	9	0.25				132	9	2	1,453	480			49	5	0.02				
2025CPT.07.12.20411	Guilford	60	SR-3714 / CHARTER OAK DR	FROM SR 3711 - MACON GLEN DR TO DEAD END	1	2	0.14	20	0	0.14	6	9	0.28	1			150	10		1,655	546			56	6	0.02				
TOTAL FOR MAP NO. 60							0.14				6	9	0.28	1			150	10		1,655	546			56	6	0.02				
2025CPT.07.12.20411	Guilford	61	SR-3587 / MID-PINE CT	FROM SR 3411 - HAGAN STONE PARK RD TO CUL-DE-SAC	3	2	0.08	20	0	0.08	4	3	0.15			167	94	6	6					29	3	0.01				
TOTAL FOR MAP NO. 61							0.08				4	3	0.15			167	94	6	6					29	3	0.01				
2025CPT.07.12.20411	Guilford	62	SR-3785 / GLENBROOKE DR	FROM SR 3411 - HAGAN STONE PARK RD TO SR 3407 - FIELDVIEW RD	3	2	0.44	21	0	0.44	16	33	0.82	8		350	486	32	7					164	16	0.06				
TOTAL FOR MAP NO. 62							0.44				16	33	0.82	8		350	486	32	7					164	16	0.06				
2025CPT.07.12.20411	Guilford	63	SR-3787 / WILSON MILLS CT	FROM SR 3785 - GLENBROOKE DR TO CUL-DE-SAC	3	2	0.13	20	0	0.13	6	6	0.24				175	11	2					48	5	0.02				
TOTAL FOR MAP NO. 63							0.13				6	6	0.24				175	11	2					48	5	0.02				
2025CPT.07.12.20411	Guilford	64	SR-3687 / BRANDON STATION RD	FROM SR 3621 - APPOMATTOX RD TO SR 3785 - GLENBROOKE DR	1	2	0.21	20	0	0.21	9	18	0.39	2		167	211	14		2,326	767			79	8	0.03				
TOTAL FOR MAP NO. 64							0.21				9	18	0.39	2		167	211	14		2,326	767			79	8	0.03				
TOTAL FOR PROJ NO. 2025CPT.07.12.20411							14.76				533	336	24.82	164	24,381	8,712	17,825	1,170	257	154,528	50,990	31	9	4,968	500	1.89	1.00	19,100	18,600	120
																												37,700		
GRAND TOTAL							14.76				533	336	24.82	164	24,381	8,712	17,825	1,170	257	154,528	50,990	31	9	4,968	500	1.89	1.00	19,100	18,600	120
																												37,700		

NOTE: All Quantities listed include turn lanes and are estimates; Payment will be based on actual field measurements and quantities received.