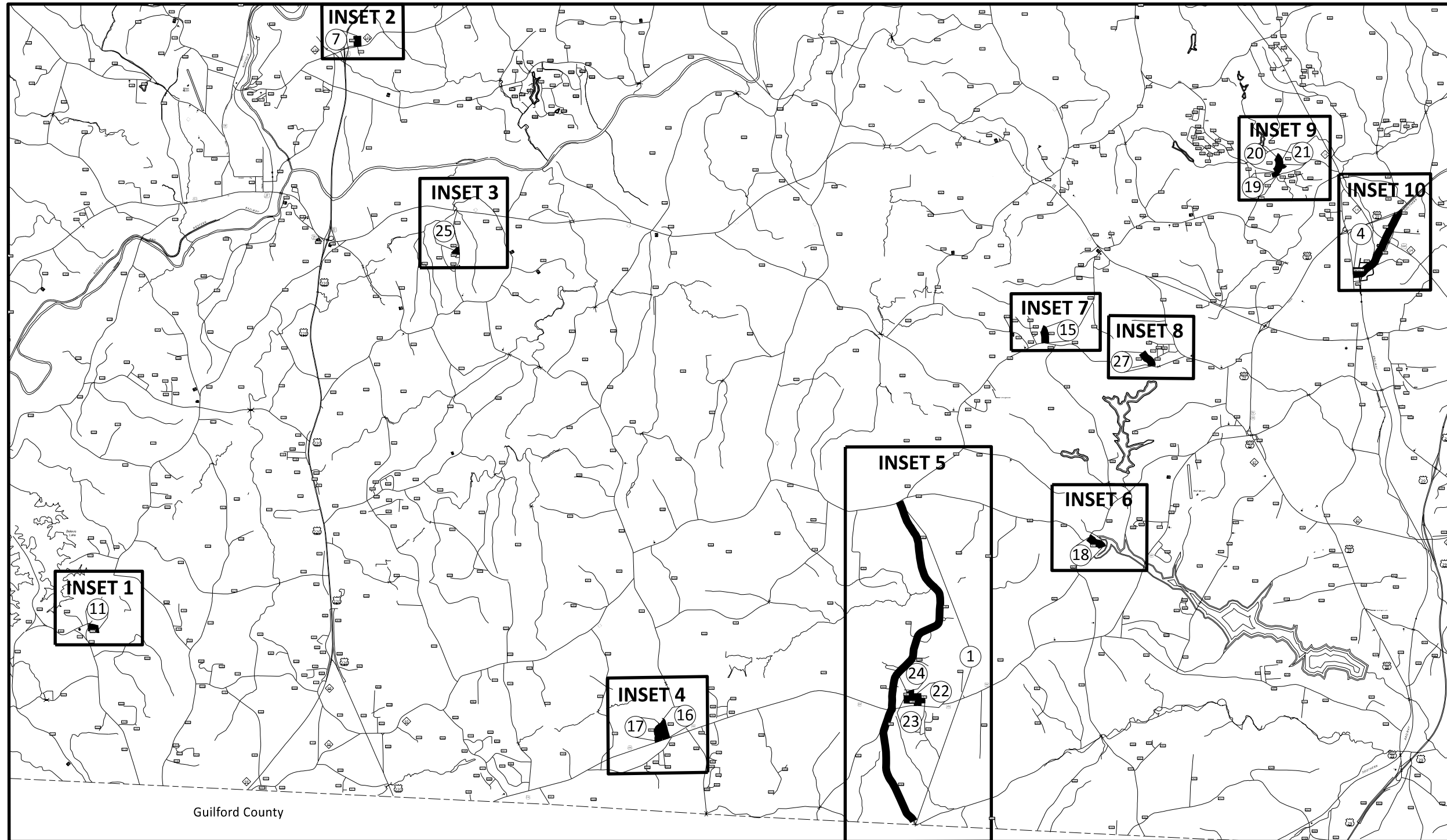


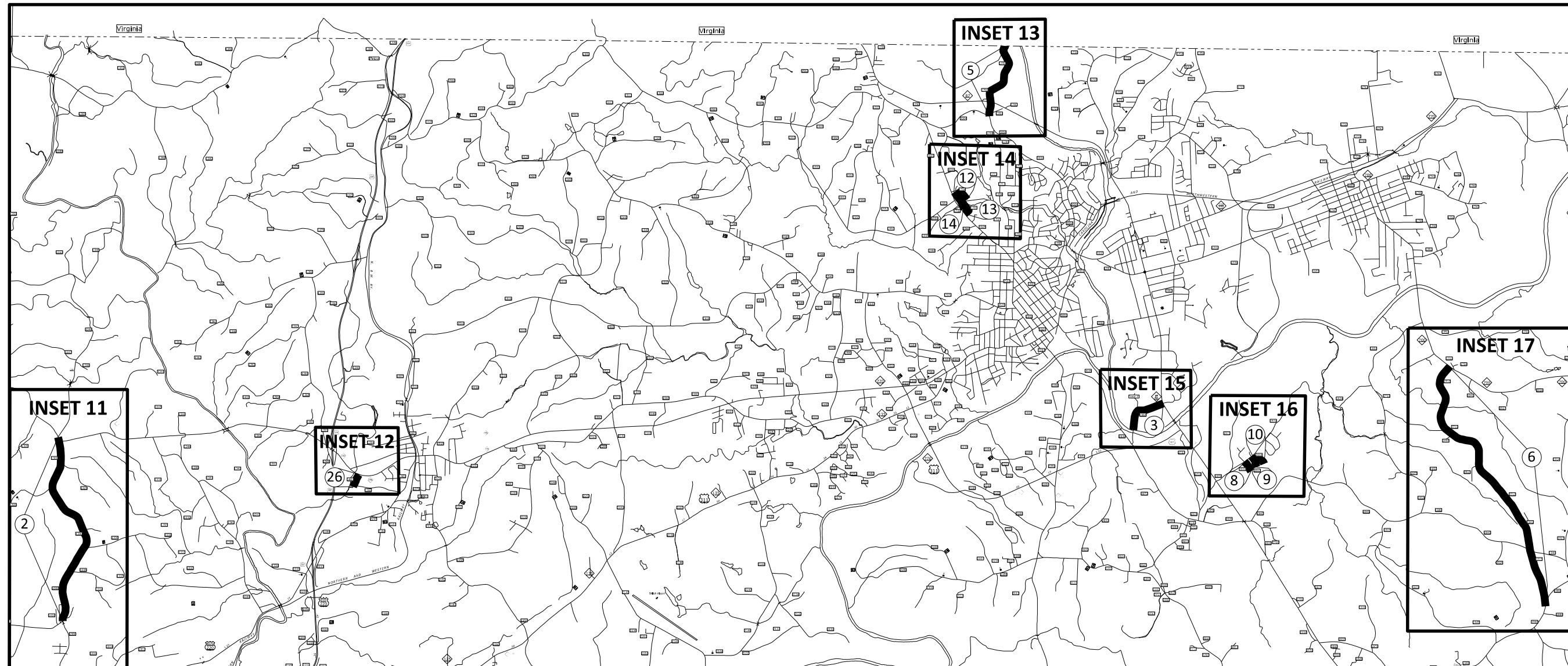
SHEET 3

SHEET 2



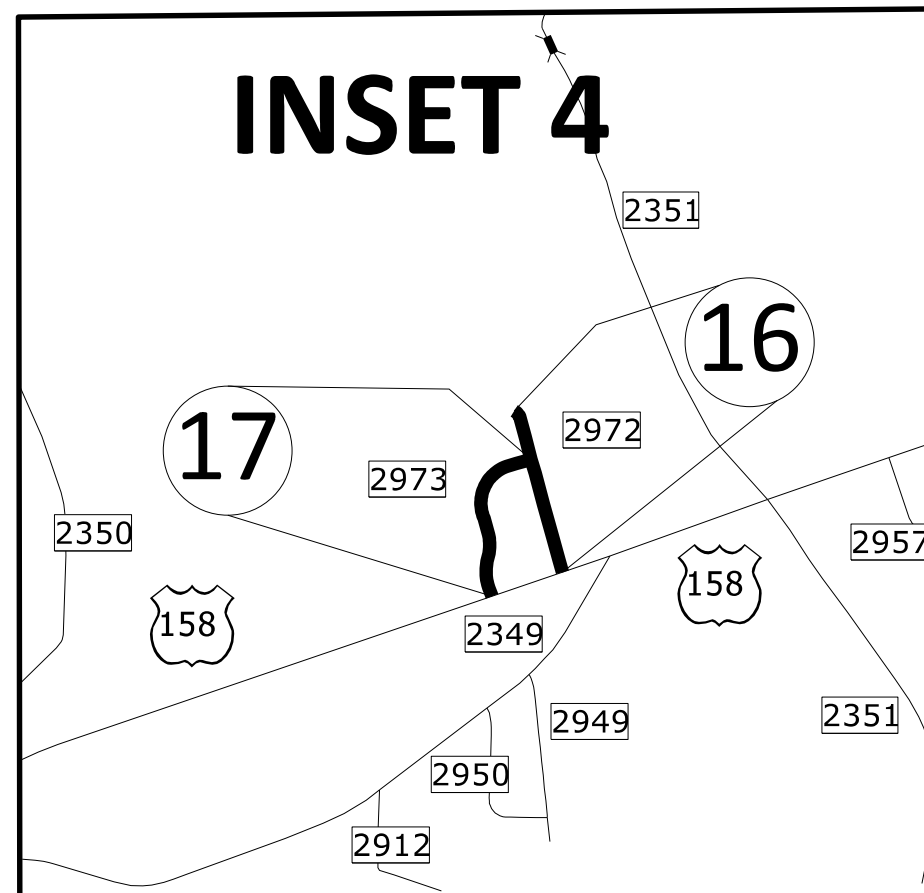
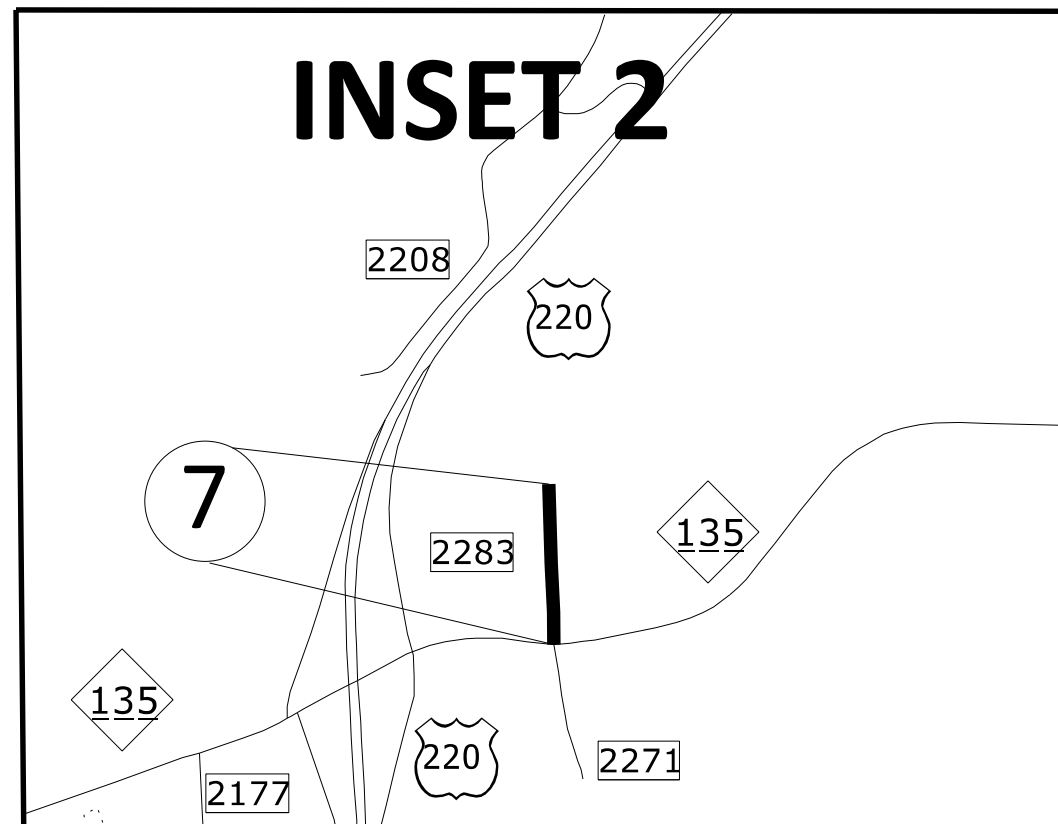
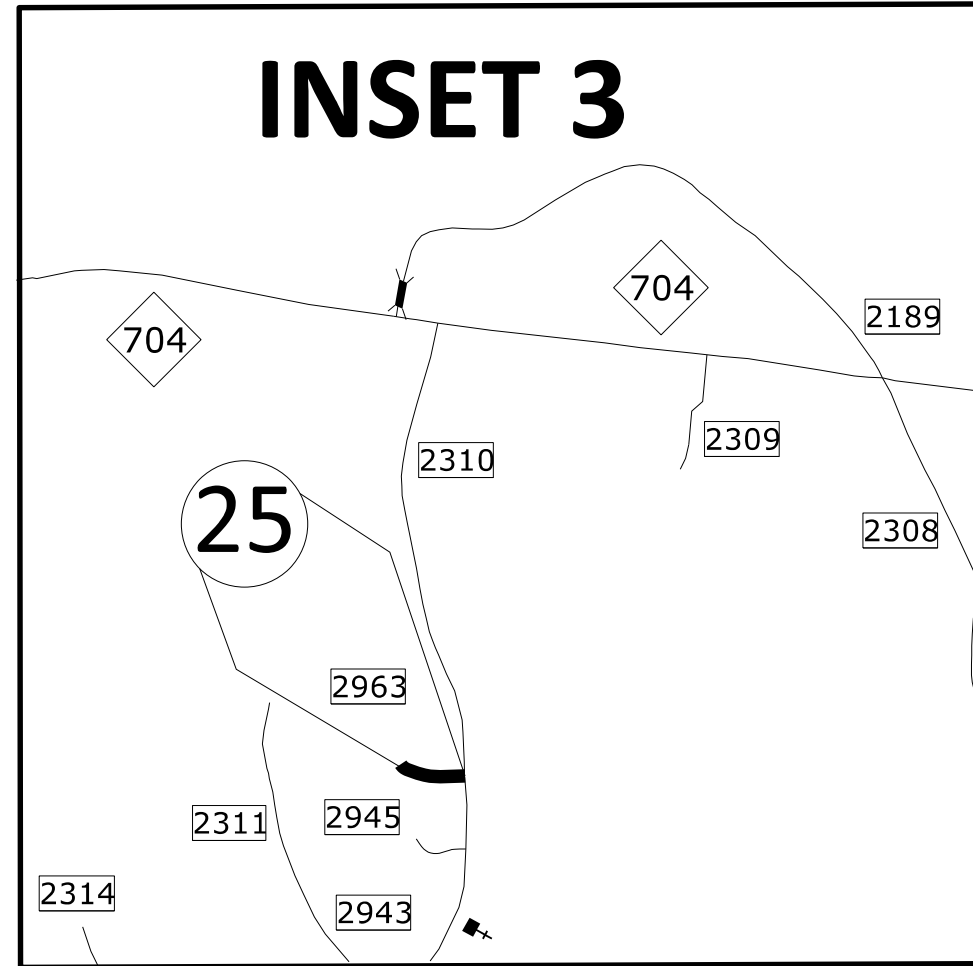
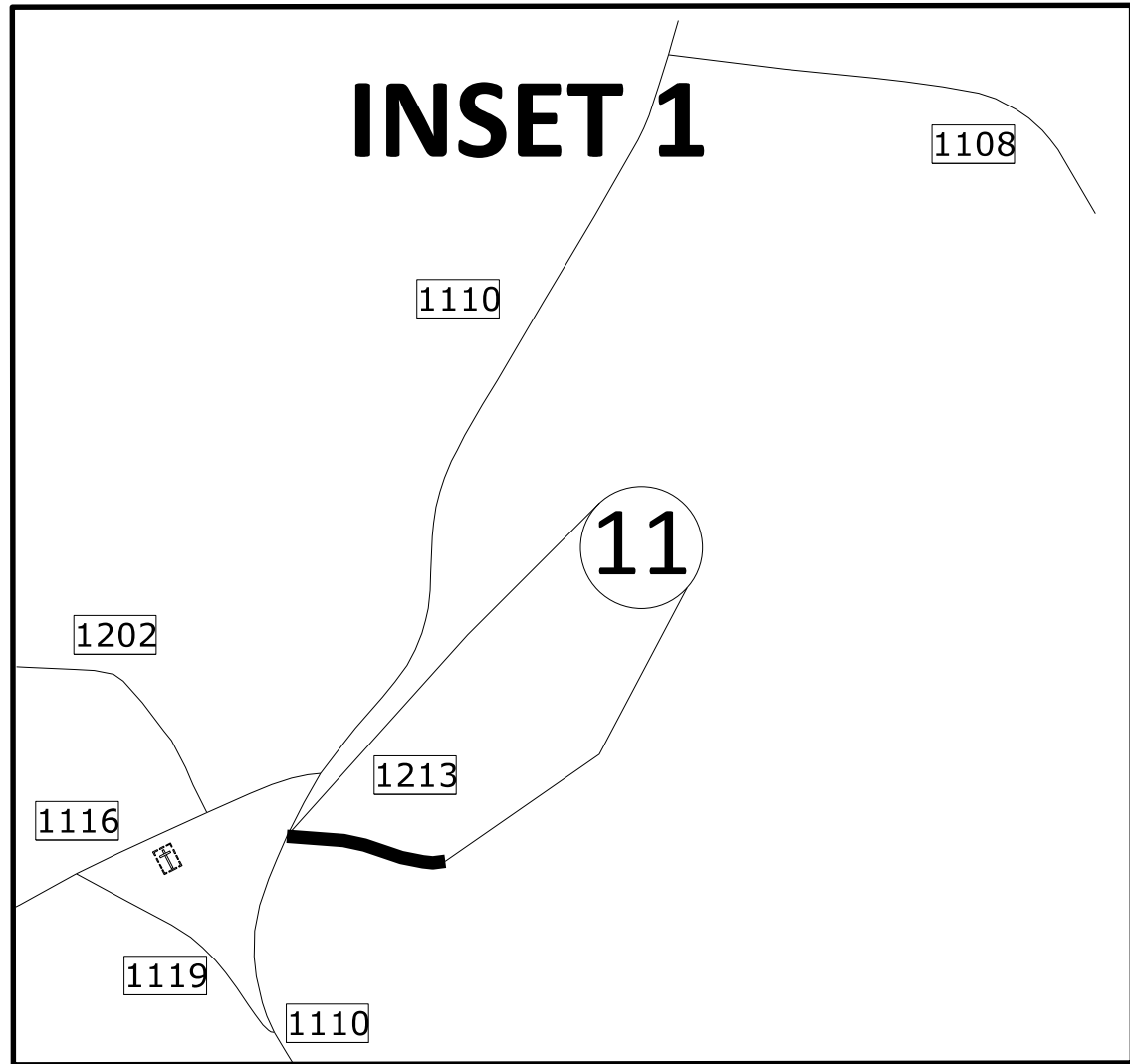
- Map 1 SR 1001 Church St Ext / Woolen Store Rd - Inset 5
- Map 4 SR 2671 Madison St - Inset 10
- Map 7 SR 2283 Commerce Dr - Inset 2
- Map 11 SR 1213 Woodford Ln - Inset 1
- Map 15 SR 2914 Rock Spring Dr - Inset 7
- Map 16 SR 2972 Shagbark Dr - Inset 4
- Map 17 SR 2973 Cottonwood Dr - Inset 4
- Map 18 SR 2978 Battle Creek Ct - Inset 6
- Map 19 SR 2827 Club House Dr - Inset 9

- Map 20 SR 2826 E Plantation Cir - Inset 9
- Map 21 SR 2749 Feather Ridge Cir - Inset 9
- Map 22 SR 2479 Midway Rd - Inset 5
- Map 23 SR 2480 Gallent Rd - Inset 5
- Map 24 SR 2481 Waynor Dr - Inset 5
- Map 25 SR 2963 Redwing Dr - Inset 3
- Map 27 SR 2476 Spring Garden Rd - Inset 8

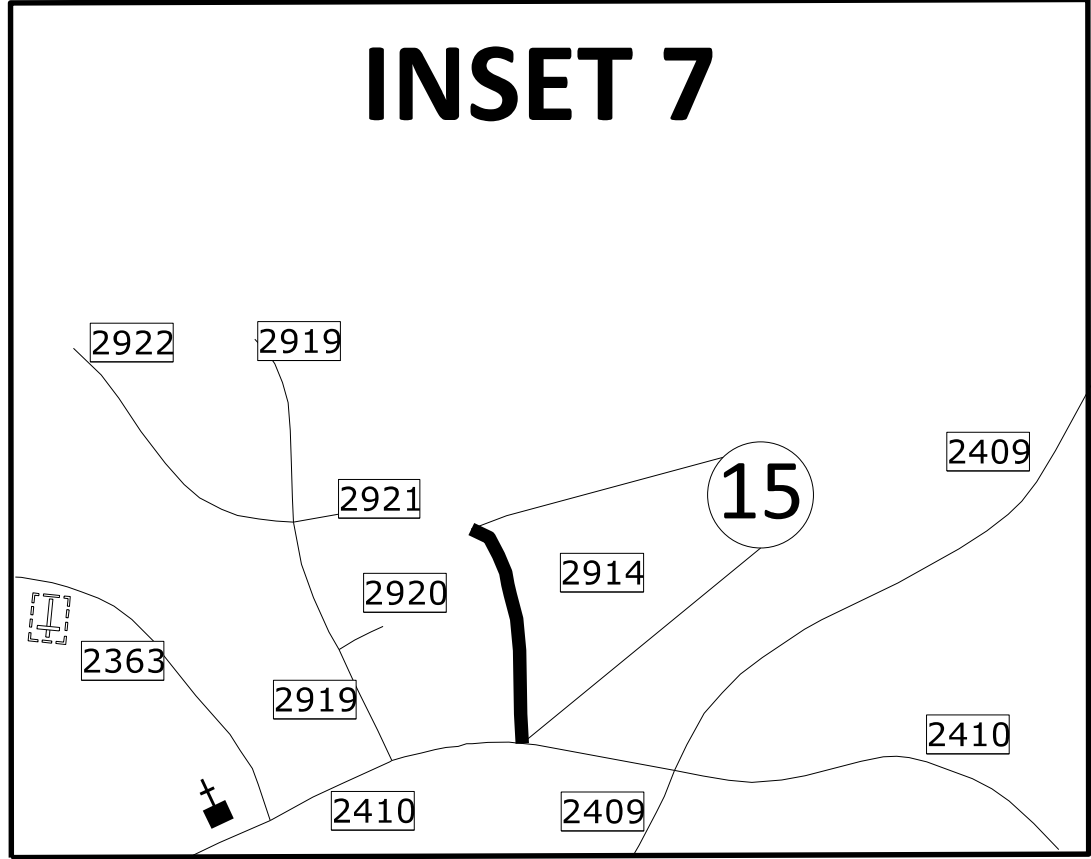
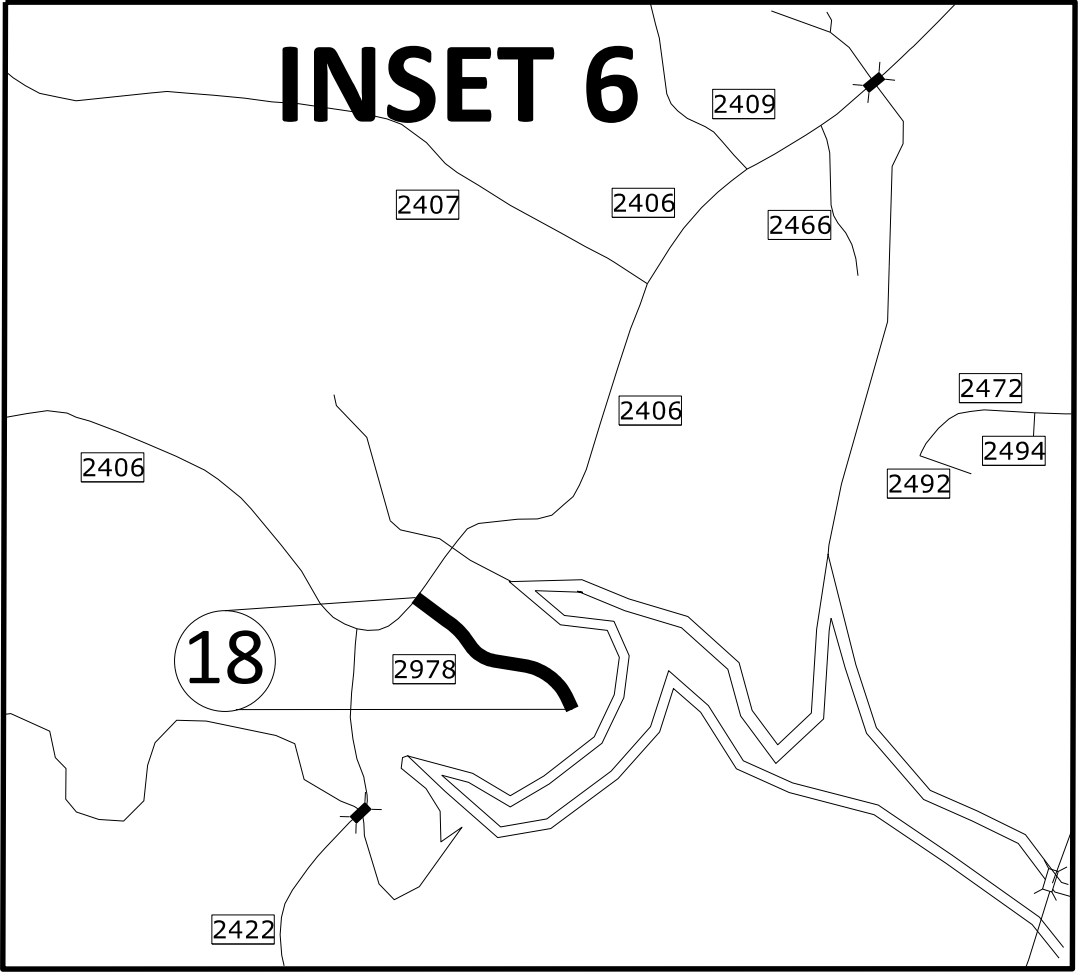
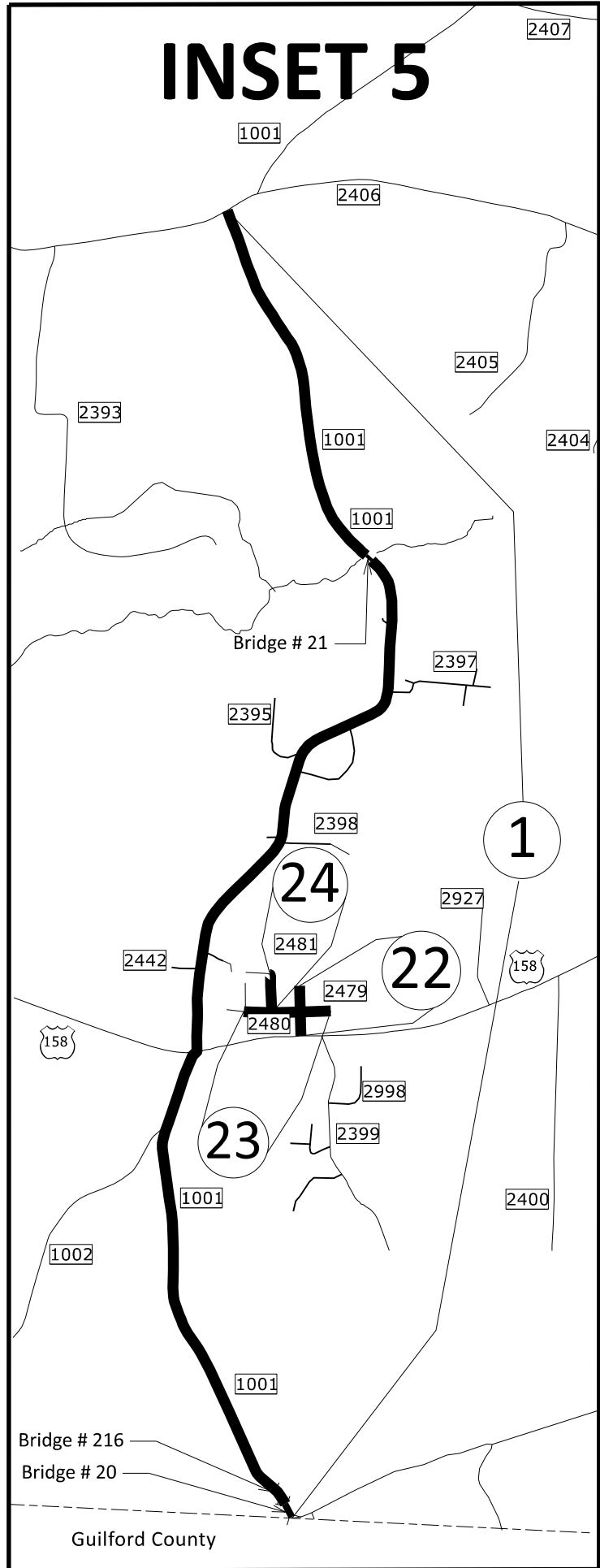


Map 2 SR 1300 Ayersville Rd - Inset 11
 Map 3 SR 1964 Mebane Bridge Rd - Inset 15
 Map 5 SR 1700 Fisher Hill Rd - Inset 5
 Map 6 SR 2715 Hampton Rd - Inset 17
 Map 8 SR 2816 Glenmoor Dr - Inset 16
 Map 9 SR 2813 Glenwood Rd - Inset 16

Map 10 SR 2814 Glenridge Dr - Inset 16
 Map 12 SR 1704 Murphy Ln - Inset 14
 Map 13 SR 1705 Nance St - Inset 14
 Map 14 SR 1706 Azalea Rd - Inset 14
 Map 26 SR 1403 Priddy Dr - Inset 12



- INSET 1**
Map 11 SR 1213 Woodford Ln
- INSET 2**
Map 7 SR 2283 Commerce Dr
- INSET 3**
Map 25 SR 2963 Redwing Dr
- INSET 4**
Map 16 SR 2972 Shagbark Dr
Map 17 SR 2973 Cottonwood Dr

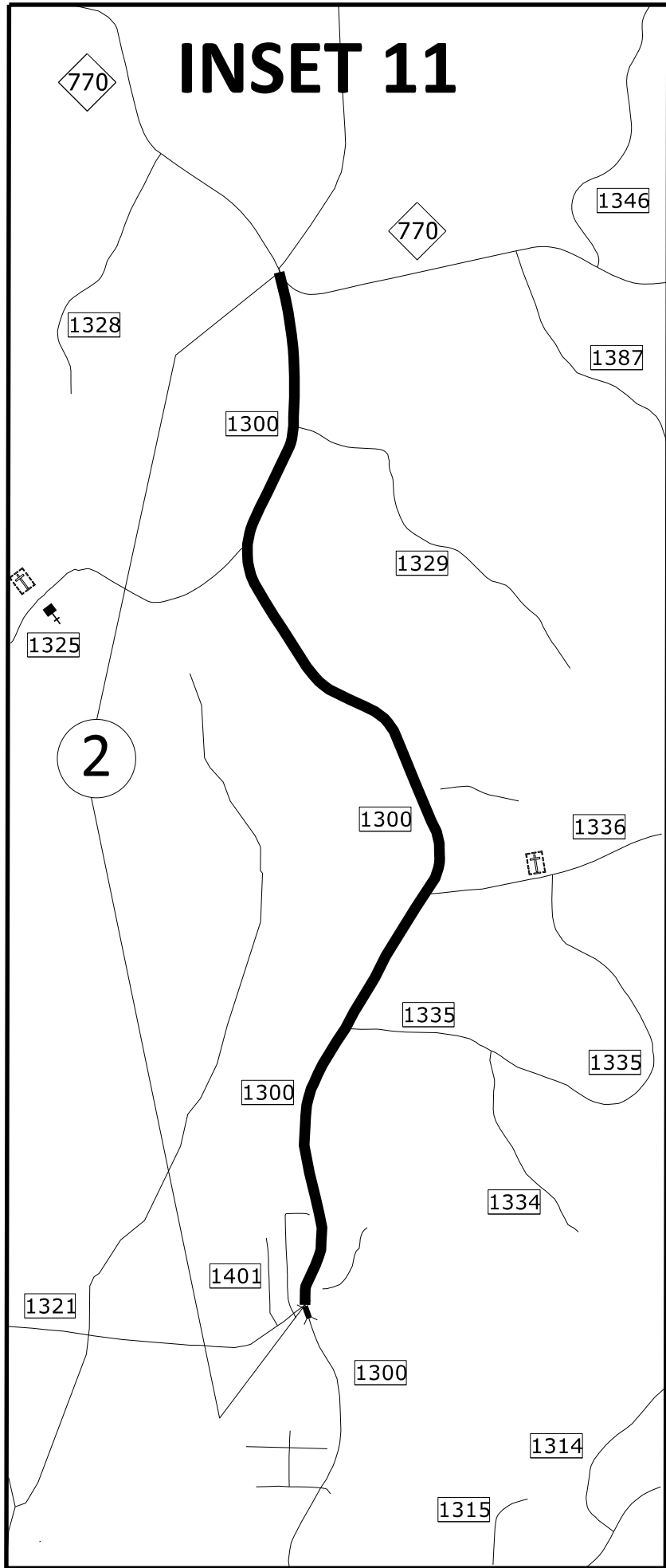


- INSET 5**
- Map 1 SR 1001 Church St Ext / Woolen Store Rd
- * Do Not Pave Concrete Bridges #20 & #21
- * Resurface Bridge #216

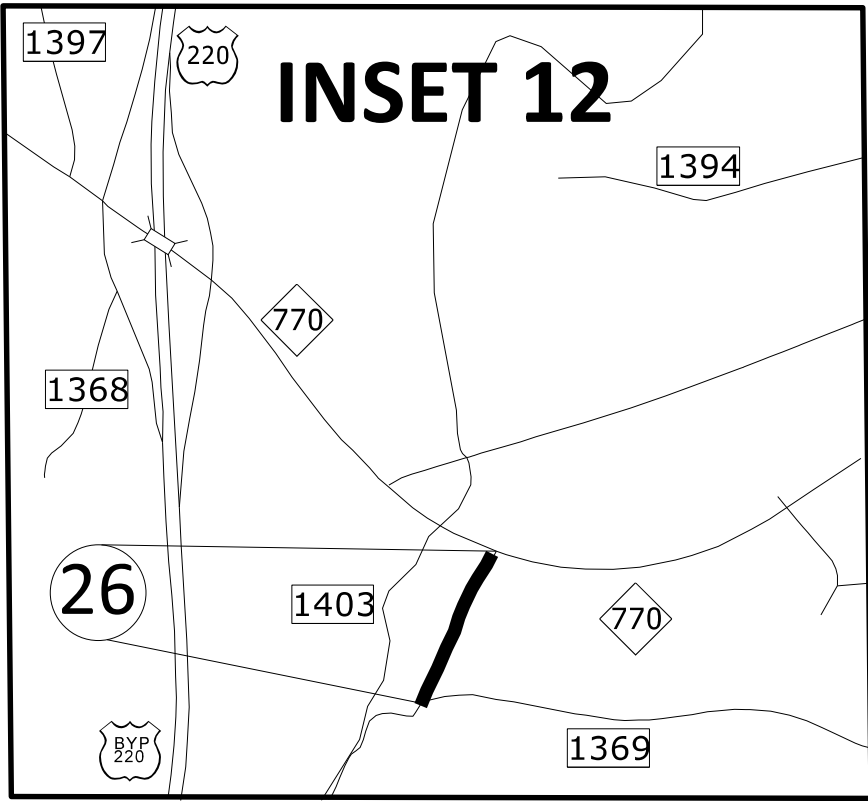
- Map 22 SR 2479 Midway Rd
- Map 23 SR 2480 Gallent Rd
- Map 24 SR 2481 Waynor Dr

- INSET 6**
- Map 18 SR 2978 Battle Creek Ct

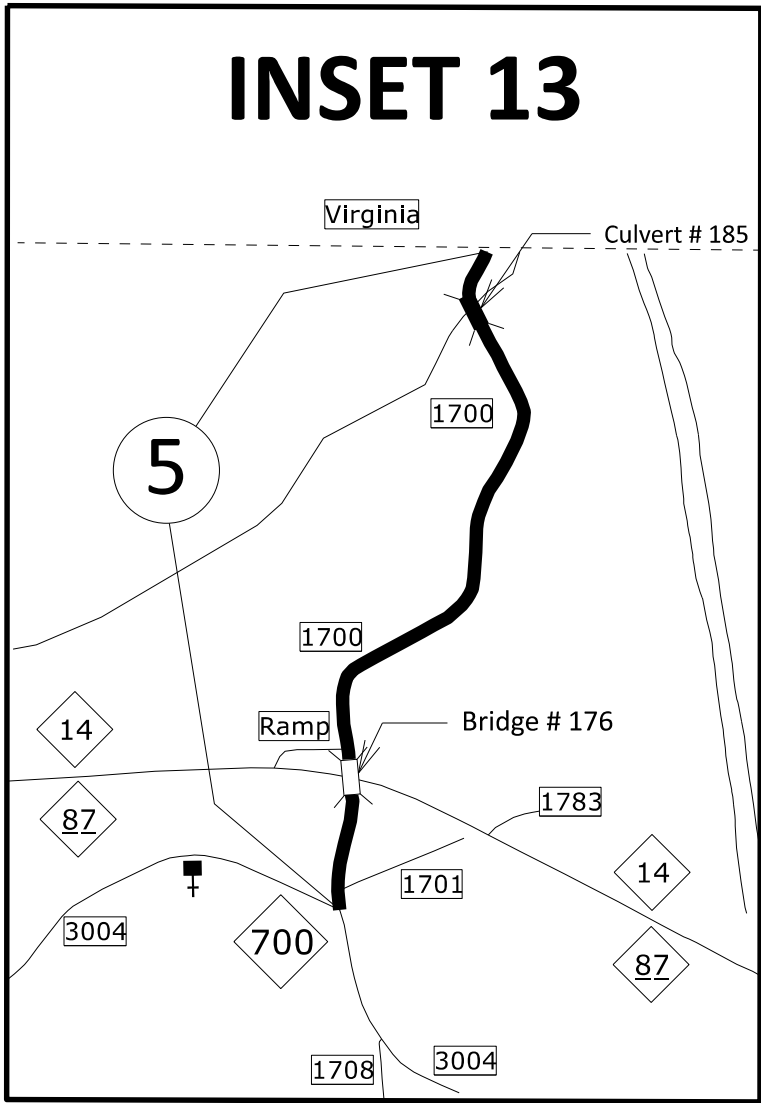
- INSET 7**
- Map 15 SR 2914 Rock Spring Dr



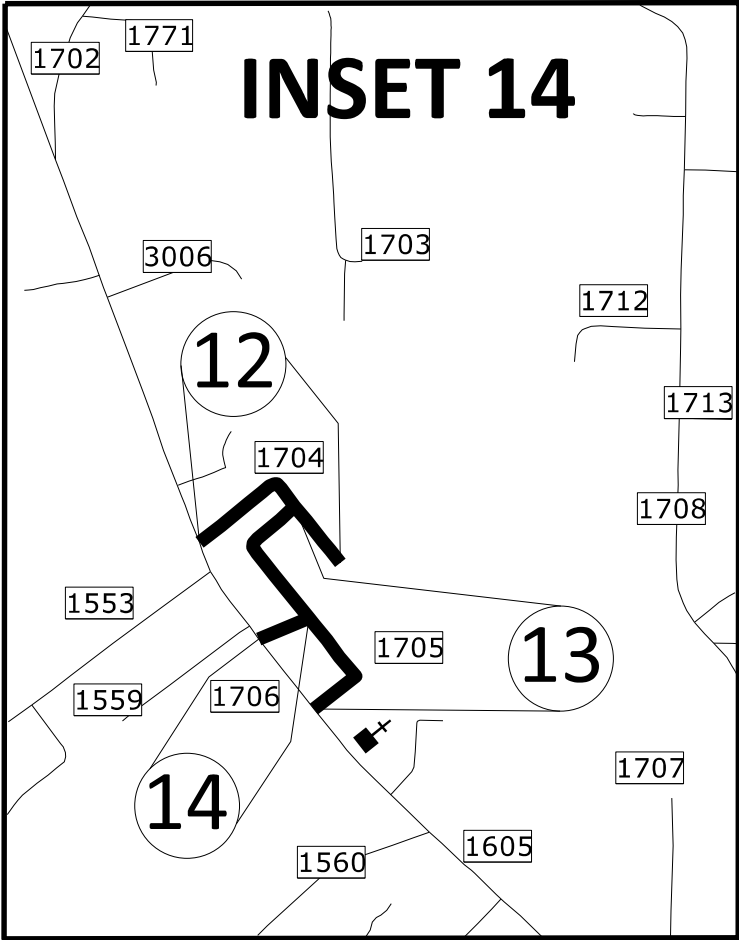
INSET 11



INSET 12



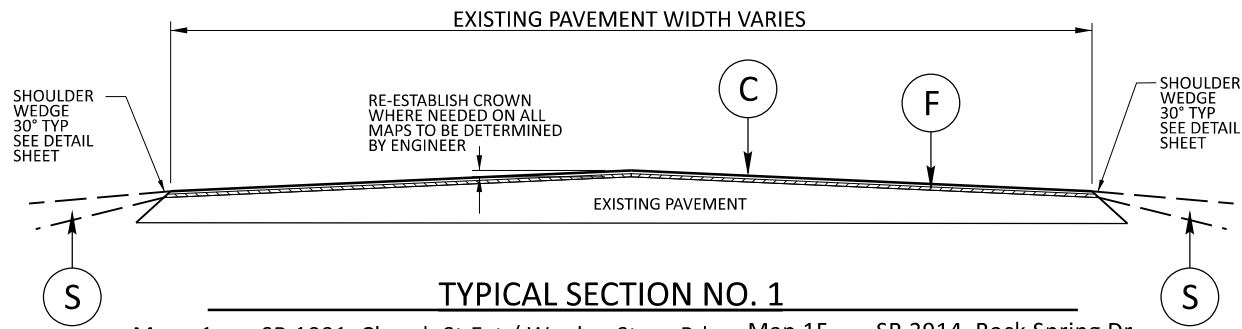
INSET 13



INSET 14

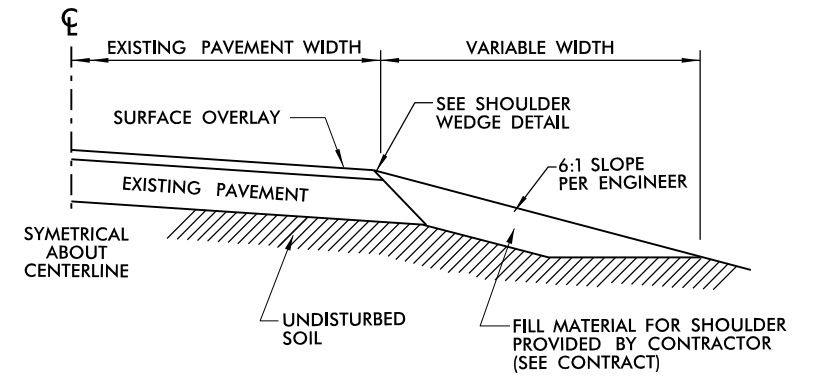


- INSET 11**
Map 2 SR 1300 Ayersville Rd
- INSET 12**
Map 26 SR 1403 Priddy Dr
- INSET 13**
Map 5 SR 1700 Fisher Hill Rd
*Do Not Pave Concrete Bridge # 176
- INSET 14**
Map 12 SR 1704 Murphy Ln
Map 13 SR 1705 Nance St
Map 14 SR 1706 Azalea Rd

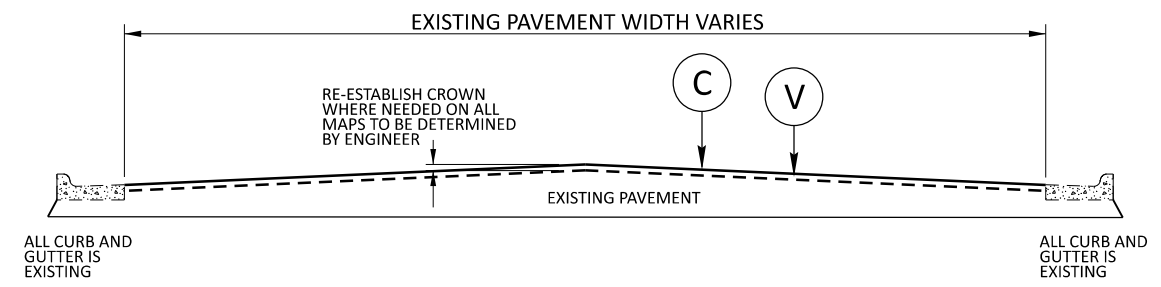


TYPICAL SECTION NO. 1

Map 1	SR 1001	Church St Ext / Woolen Store Rd	Map 15	SR 2914	Rock Spring Dr
Map 2	SR 1300	Ayersville Rd	Map 16	SR 2972	Shagbark Dr
Map 3	SR 1964	Mebane Bridge Rd	Map 17	SR 2973	Cottonwood Dr
Map 4	SR 2671	Madison St	Map 18	SR 2978	Battle Creek Ct
* From Market St to the end of the map.					
Map 5	SR 1700	Fisher Hill Rd	Map 19	SR 2827	Club House Dr
Map 6	SR 2715	Hampton Rd	Map 20	SR 2826	E Plantation Cir
Map 8	SR 2816	Glenmoor Dr	Map 21	SR 2749	Feather Ridge Cir
Map 9	SR 2813	Glenwood Rd	Map 22	SR 2479	Midway Rd
Map 10	SR 2814	Glenridge Dr	Map 23	SR 2480	Gallent Rd
Map 11	SR 1213	Woodford Ln	Map 24	SR 2481	Waynor Dr
Map 12	SR 1704	Murphy Ln	Map 25	SR 2963	Redwing Dr
Map 13	SR 1705	Nance St	Map 26	SR 1403	Priddy Dr
Map 14	SR 1706	Azalea Rd	Map 27	SR 2476	Spring Garden Rd

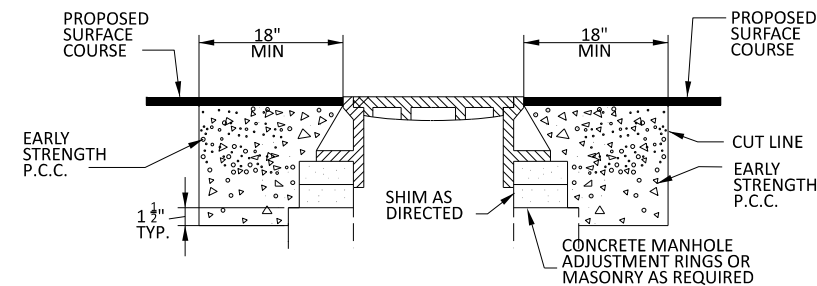


SHOULDER RECONSTRUCTION
* PLACE ASB OR BORROW AS DIRECTED BY THE ENGINEER



TYPICAL SECTION NO. 2
Map 4 SR 2671 Madison St
* Curb & Guter section between SR 3130 N Scales St & Market St.
Map 7 SR 2283 Commerce Dr

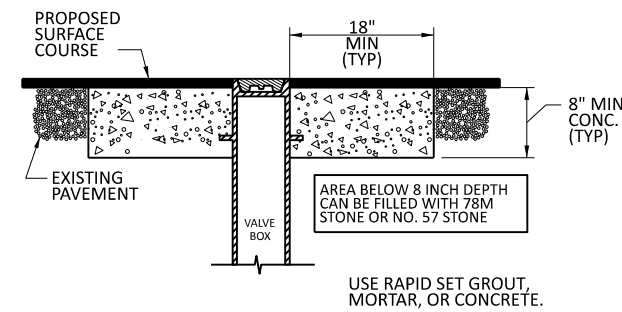
PAVEMENT SCHEDULE	
C	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, TO BE APPLIED AT AN AVERAGE RATE OF 165 LBS PER SQ YD.
F	AST MAT COAT, #78M
S	SHOULDER RECONSTRUCTION (SEE DETAIL)
U	EXISTING PAVEMENT
V	MILL ASPHALT PAVEMENT, 1½" DEPTH



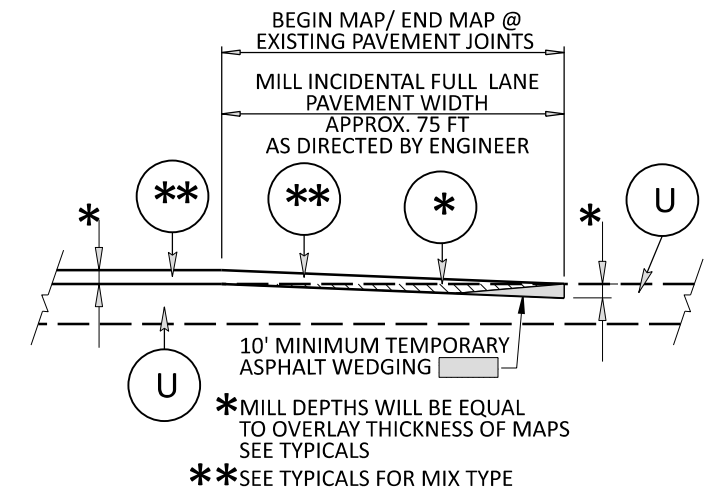
NOTES:

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.

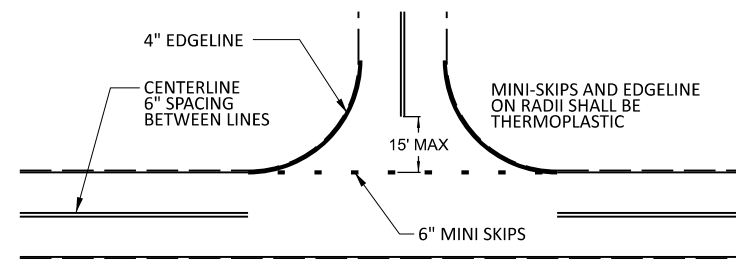
STANDARD CONCRETE ENCASEMENT FOR MANHOLE CASTINGS IN PAVEMENT



STANDARD CONCRETE ENCASEMENT FOR VALVE CASTINGS IN PAVEMENT

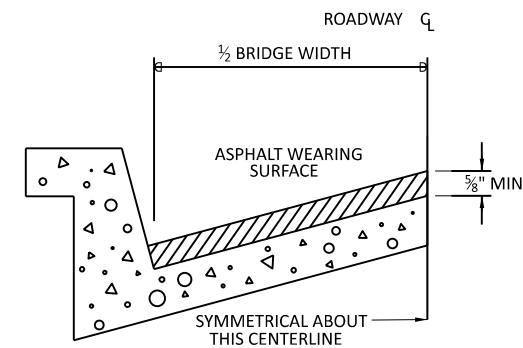


INCIDENTAL MILLING AT TIE-IN DETAIL



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)

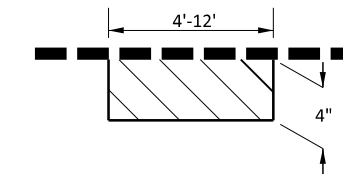


BRIDGE HALF TYPICAL SECTION

FOR BRIDGES WITH FLOOR DRAINS, CARE SHALL BE EXERCISED IN PLACING THE WEARING SURFACE AROUND FLOOR DRAINS SO AS NOT TO HINDER EFFECTIVE DRAINAGE. ALL DRAINS SHALL BE LEFT OPEN. THE PROPOSED WEARING SURFACE SHALL VARY IN THICKNESS AS NECESSARY TO PROVIDE A SMOOTH RIDING SURFACE. A THICKNESS OF NOT LESS THAN 5/8" SHALL BE PROVIDED. THE MAXIMUM THICKNESS SHALL PREFERABLY BE 1-1/2" UNLESS IT IS IMPRACTICAL TO PROVIDE A SMOOTH RIDING SURFACE OTHERWISE.

NOTES

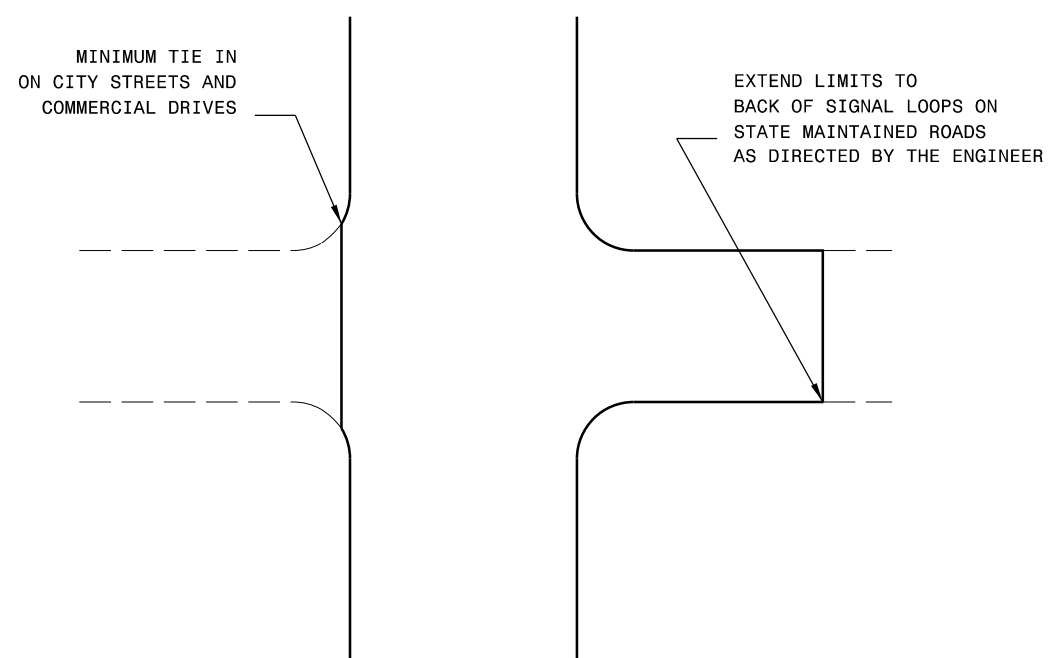
ALL UNPAVED S.R. ROUTES TO BE SURFACED 50' FROM EDGE OF PAVEMENT OF MAIN PROJECT.
ALL PAVED S.R. ROUTES TO BE RESURFACED TO END OF RADII, OR AS DIRECTED BY THE ENGINEER. EDGES, PAVEMENT WIDENING, INTERSECTIONS AND BRIDGE FLARES ARE INCLUDED IN THE SUMMARY OF QUANTITIES. BRIDGES TO BE RESURFACED AT LOCATIONS AND DEPTH AS DIRECTED BY THE ENGINEER.



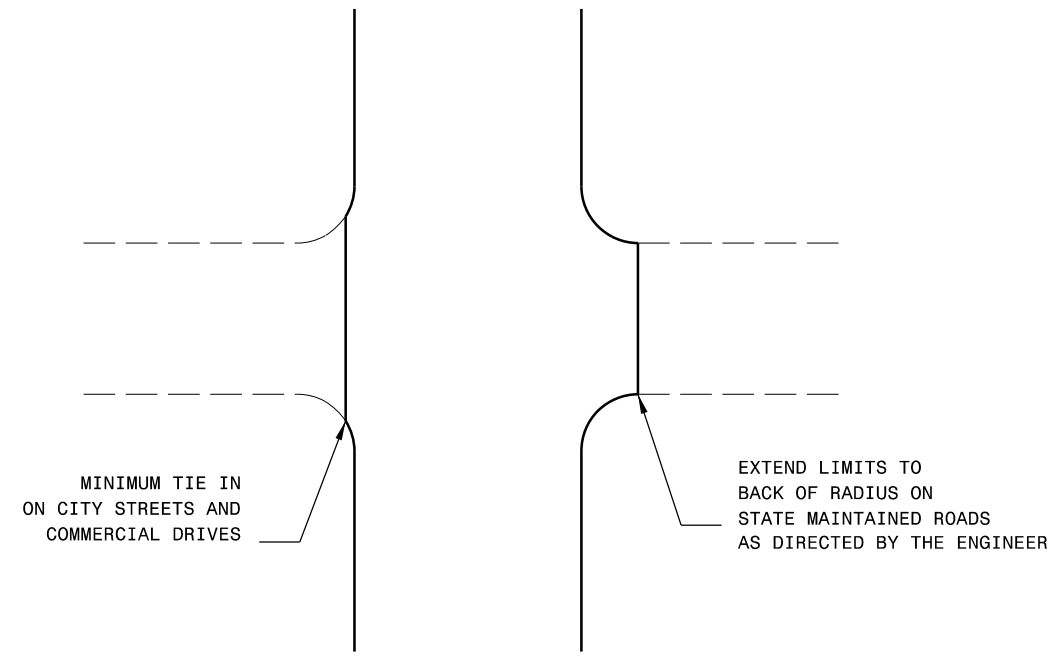
PATCH WITH ACSC, ACIC OR ACBC AS DIRECTED BY THE ENGINEER

PATCHING EXISTING PAVEMENT DETAIL

PAVEMENT SCHEDULE	
C	PROP. APPROX. 1 1/2" 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, 1 1/2" DEPTH



TYPICAL DETAIL OF PROJECT LIMITS AT SIGNALIZED Y LINES

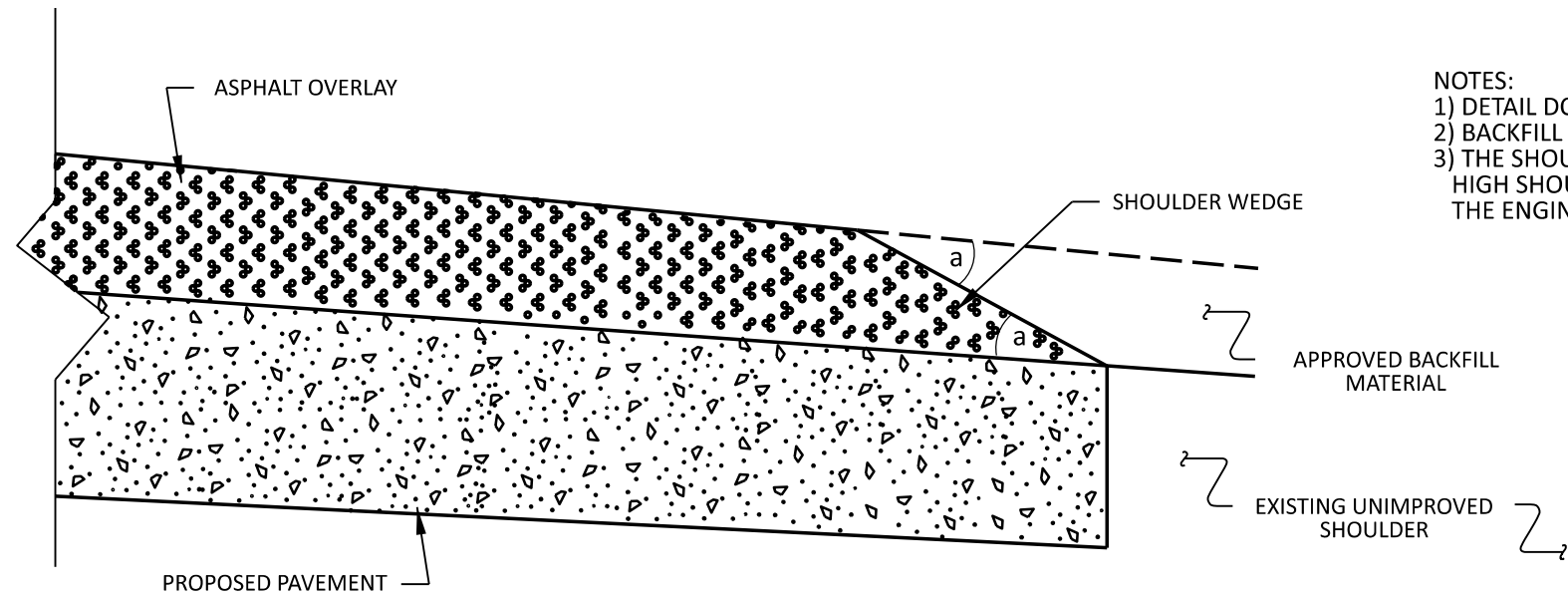


TYPICAL DETAIL OF PROJECT LIMITS AT UNSIGNALIZED Y LINES

ADDITIONAL INTERSECTIONS (NON-TYPICAL)

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

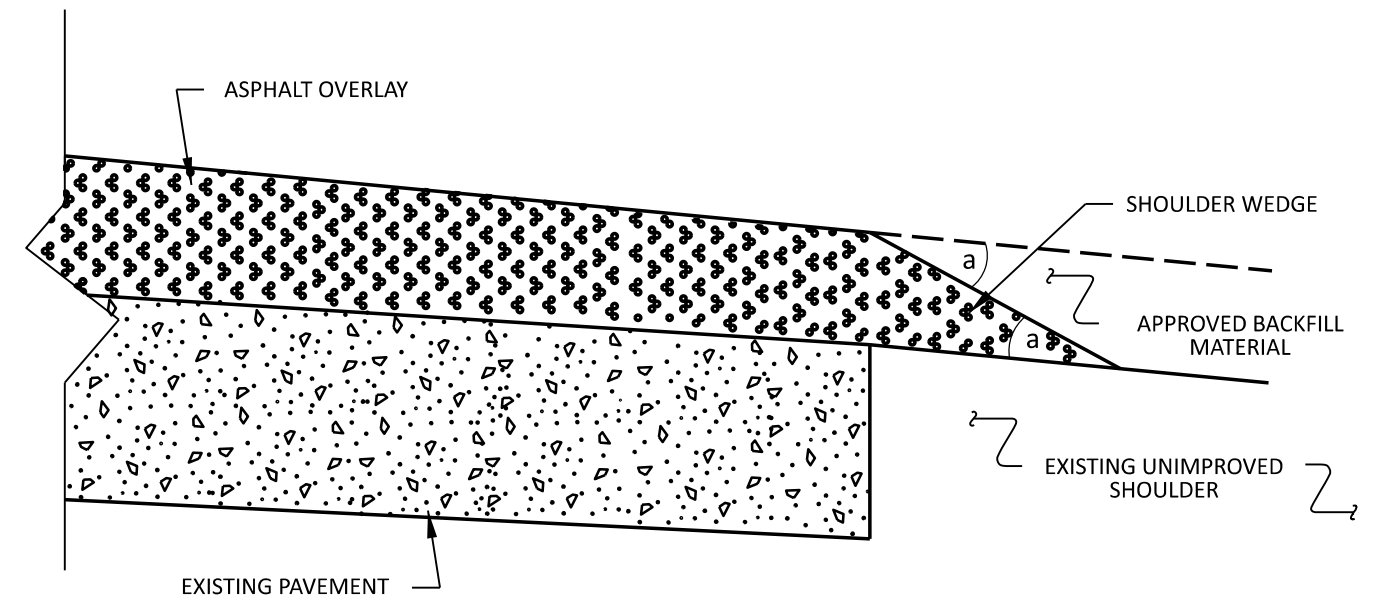
MAP#	STREET NAME	COMMENTS
Map 1	SR 1001 Church St Ext / Woolen Store Rd	
Map 2	SR 1300 Ayersville Rd	
Map 4	SR 2671 Madison St	
Map 6	SR 2715 Hampton Rd	
Map 7	SR 2283 Commerce Dr	
Map 9	SR 2813 Glenwood Rd	
Map 11	SR 1213 Woodford Ln	
Map 12	SR 1704 Murphy Ln	
Map 13	SR 1705 Nance St	
Map 16	SR 2972 Shagbark Dr	
Map 19	SR 2827 Club House Dr	
Map 20	SR 2826 E Plantation Cir	
Map 23	SR 2480 Gallent Rd	
Map 26	SR 1403 Priddy Dr	



- 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.

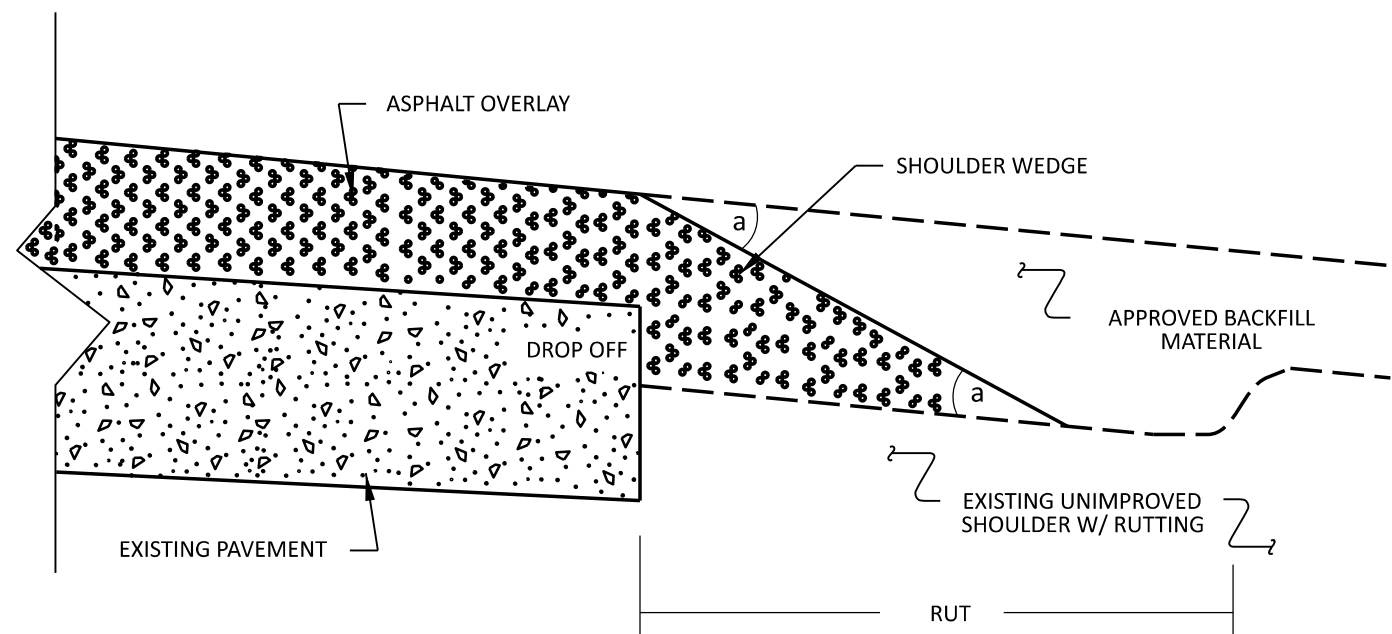
SHOULDER WEDGE DETAIL

(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)

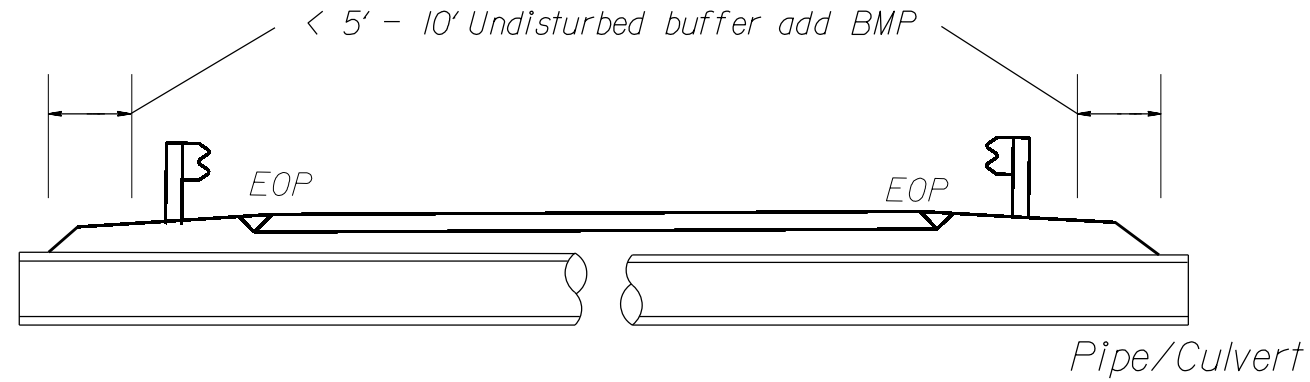
- SHOULDER WEDGE ANGLE = 30°

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.:	susr/details/stand/shoulderwedgedetail.dgn	

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

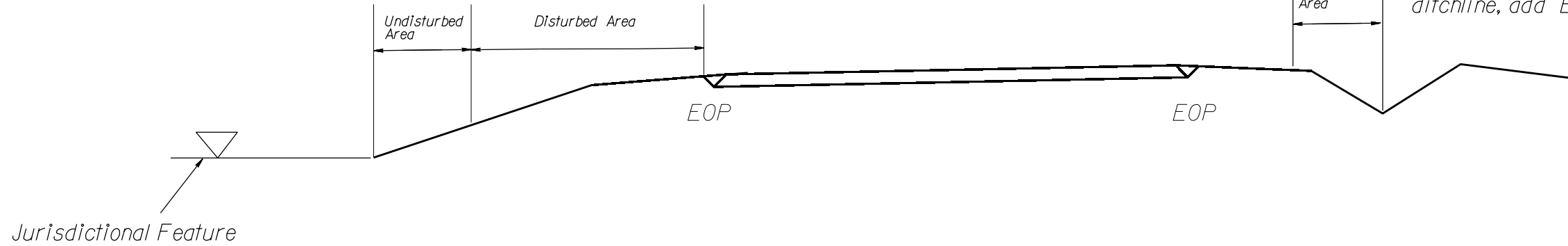
BMP Options: Wattle or Silt Fence

EROSION CONTROL DETAIL

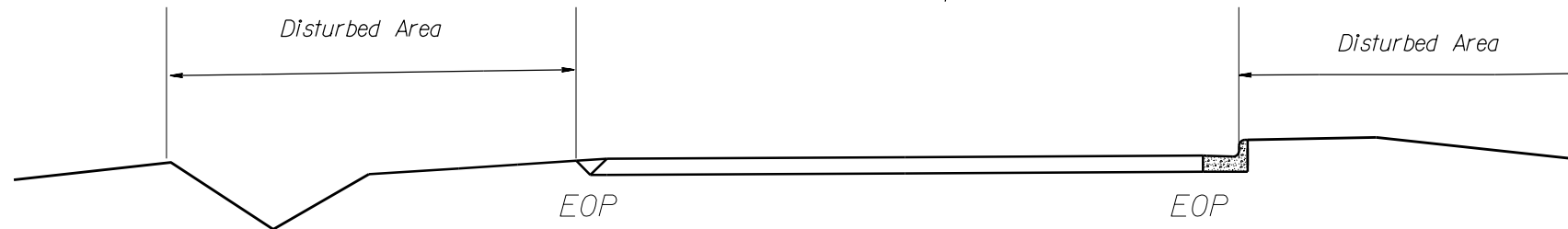


< 5' - 10' Undisturbed buffer from jurisdictional feature add BMP

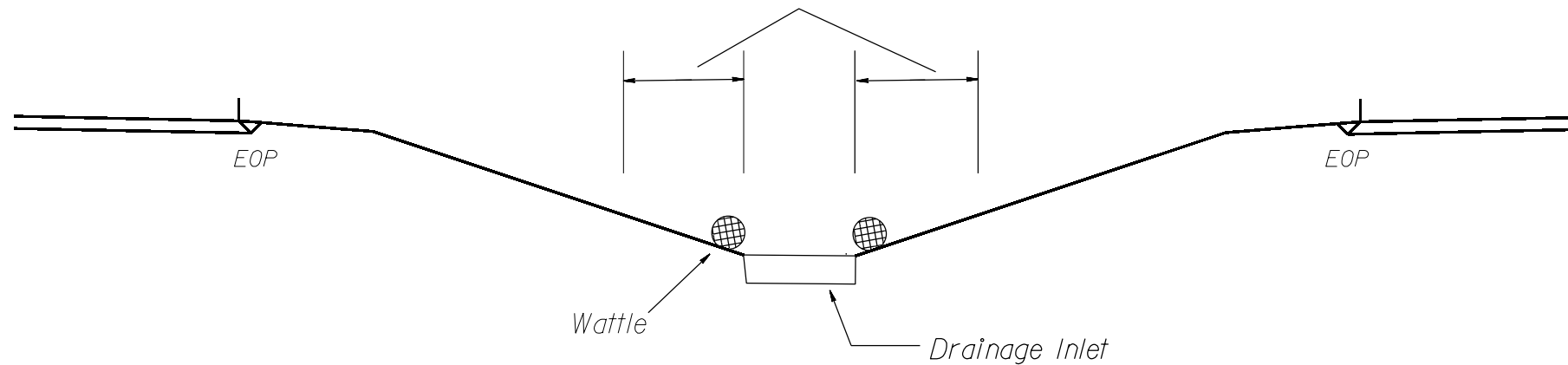
< 5' - 10' Undisturbed buffer from ditchline, add BMP



Use BMP's if berms, shoulders and/or frontslopes and/or ditchline and/or backslopes are disturbed



< 5' - 10' Undisturbed buffer from inlet, add wattle



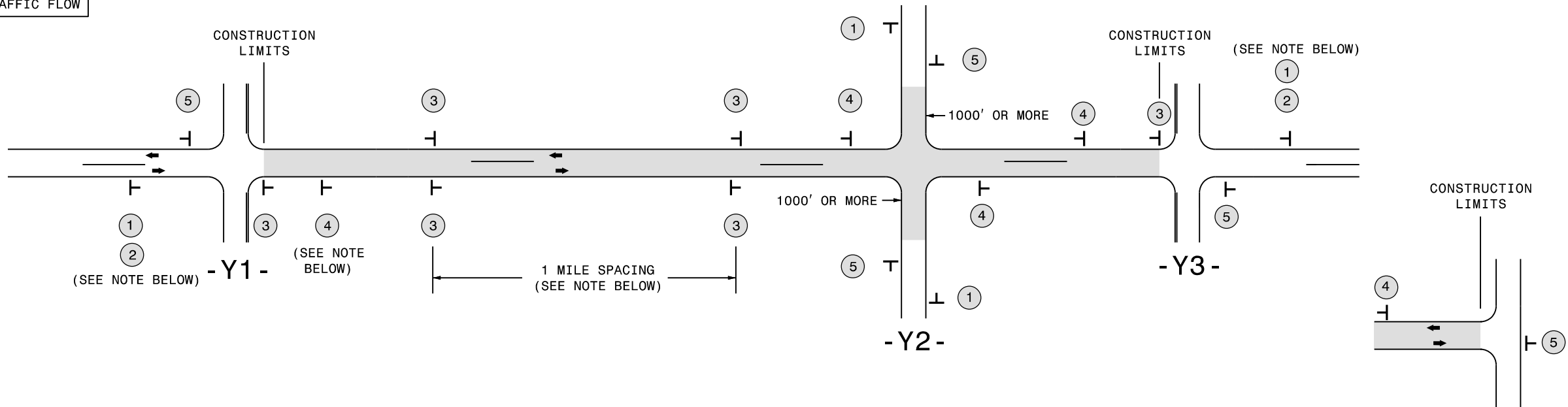
NOT TO SCALE

SIGNING FOR RESURFACING PROJECTS

LEGEND

┃ STATIONARY SIGN

← DIRECTION OF TRAFFIC FLOW



TEE INTERSECTION

MAINLINE (-L-) SIGNING

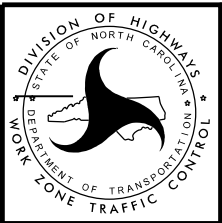
-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	 	<p>PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.</p> <p>#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)</p>	<p>NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:</p> <ol style="list-style-type: none"> LESS THAN 1000' OF RESURFACING ALONG -Y- LINE SUBDIVISION ROADS DEAD END ROADS <p>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.</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> PLACED 500' IN ADVANCE OF FLAGGER. </div> <div style="text-align: center;"> PLACED 250' IN ADVANCE OF FLAGGER. </div> </div>
		<p>- PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACE 1 MILE APART THEREAFTER.</p> <p>- AT TEE INTERSECTIONS INSTALL INITIALLY 1/2 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.</p>	
		<p>- THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS.</p> <p>- DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS.</p> <p>- INSTALL 500' +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE.</p> <p>- 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.</p> <p>- A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN.</p> <p>- FOR TEE INTERSECTIONS, INSTALL WITHIN 500' +/- OF THE INTERSECTION ALONG -L- LINE.</p>	
		<p>PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.</p>	

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.

MAPS LESS THAN 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.



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

NOTES

- OVERLAP SAW CUTS AT CORNERS AND INTERSECTION POINTS TO ENSURE UNIFORM SAW SLOT DEPTH.
- MAINTAIN 12" SPACING BETWEEN LOOP WIRE TAIL SECTIONS.
- WIRE LOOPS CONNECTED TO THE SAME DETECTOR IN SERIES.
- LOCATE LOOPS IN CENTER OF LANES UNLESS OTHERWISE SHOWN ON PLANS.
- USE A SERIES OF ONE INCH PIECES OF BACKER ROD SPACED ONE FOOT APART ALONG THE ENTIRE LENGTH OF THE FEEDER SLOT AND LOOP SAW SLOT.
- CONSULT LOOP SEALANT MANUFACTURER TO DETERMINE CURING TIME REQUIRED PRIOR TO MILLING.
- REFER TO STANDARD DRAWING 1725.01 SHEETS 2 AND 3 FOR ADDITIONAL REQUIREMENTS.

SAW SLOT DEPTH CHART
ASSUMING 2" MILLING DEPTH

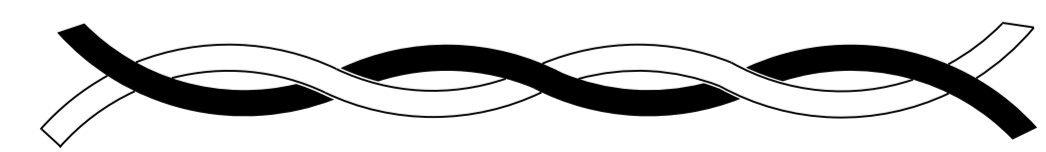
DEPTH (IN)	MAX NO. OF WIRE LAYERS				
	2	3	4	5	6
SAW SLOT DEPTH	4.0	4.5	5.0	5.0	5.0
MINIMUM TOTAL ASPHALT DEPTH REQUIRED	5.0	5.5	6.0	6.0	6.0

LOOP WIRE TWISTING METHOD

INCORRECT WAY TO TWIST WIRE

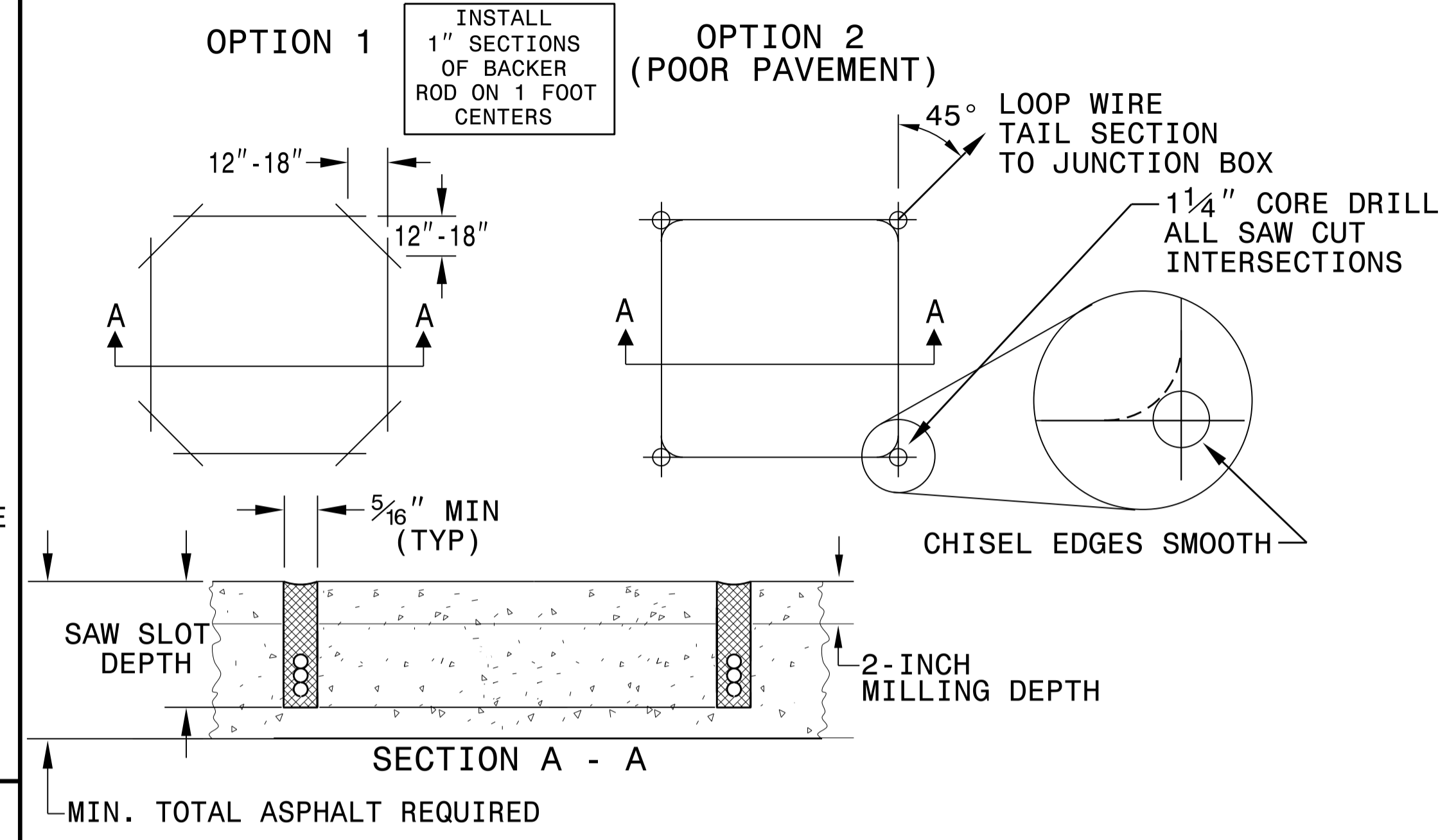


CORRECT WAY TO TWIST WIRE

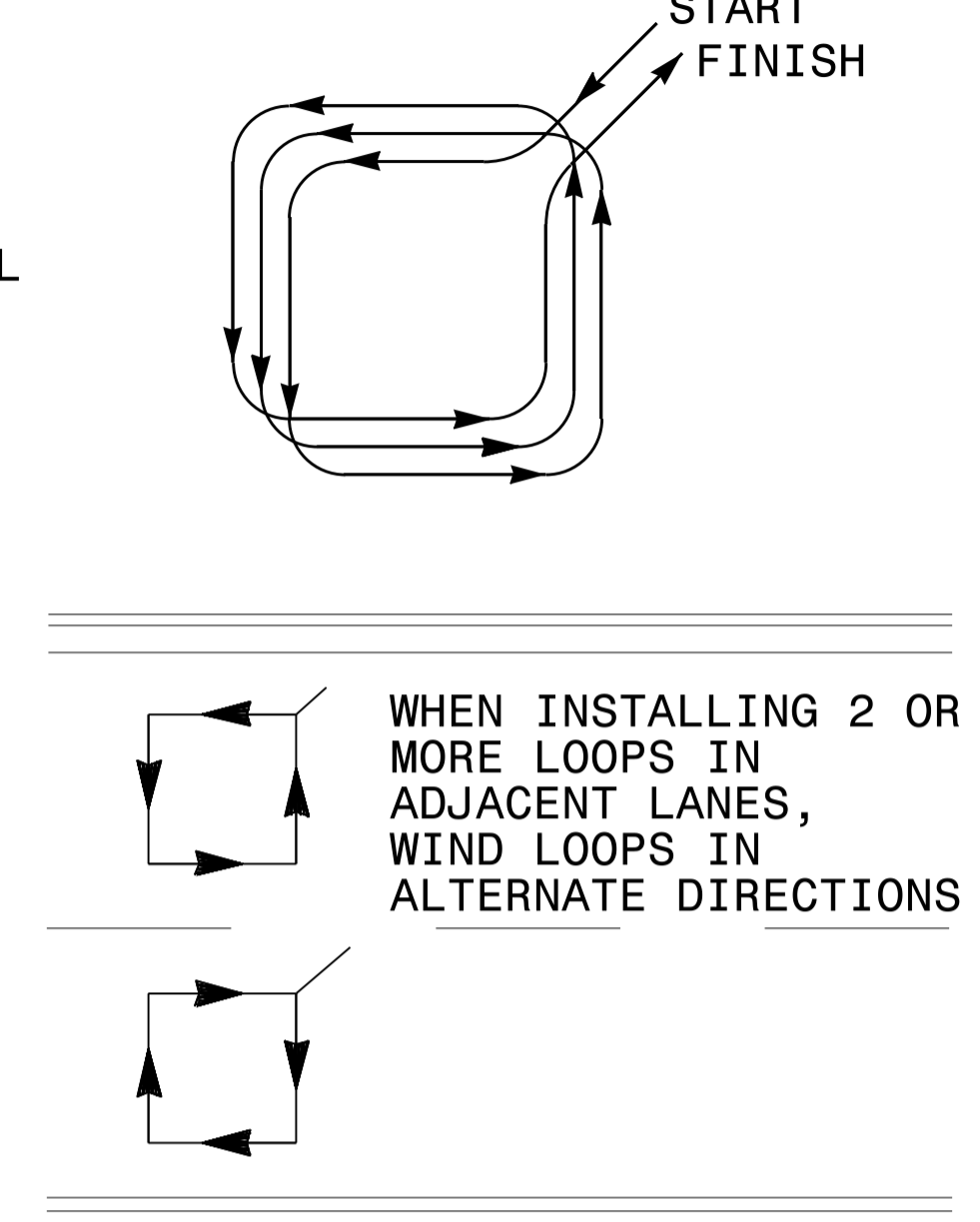


CONVENTIONAL 4-SIDED LOOP

SAW CUT OPTIONS

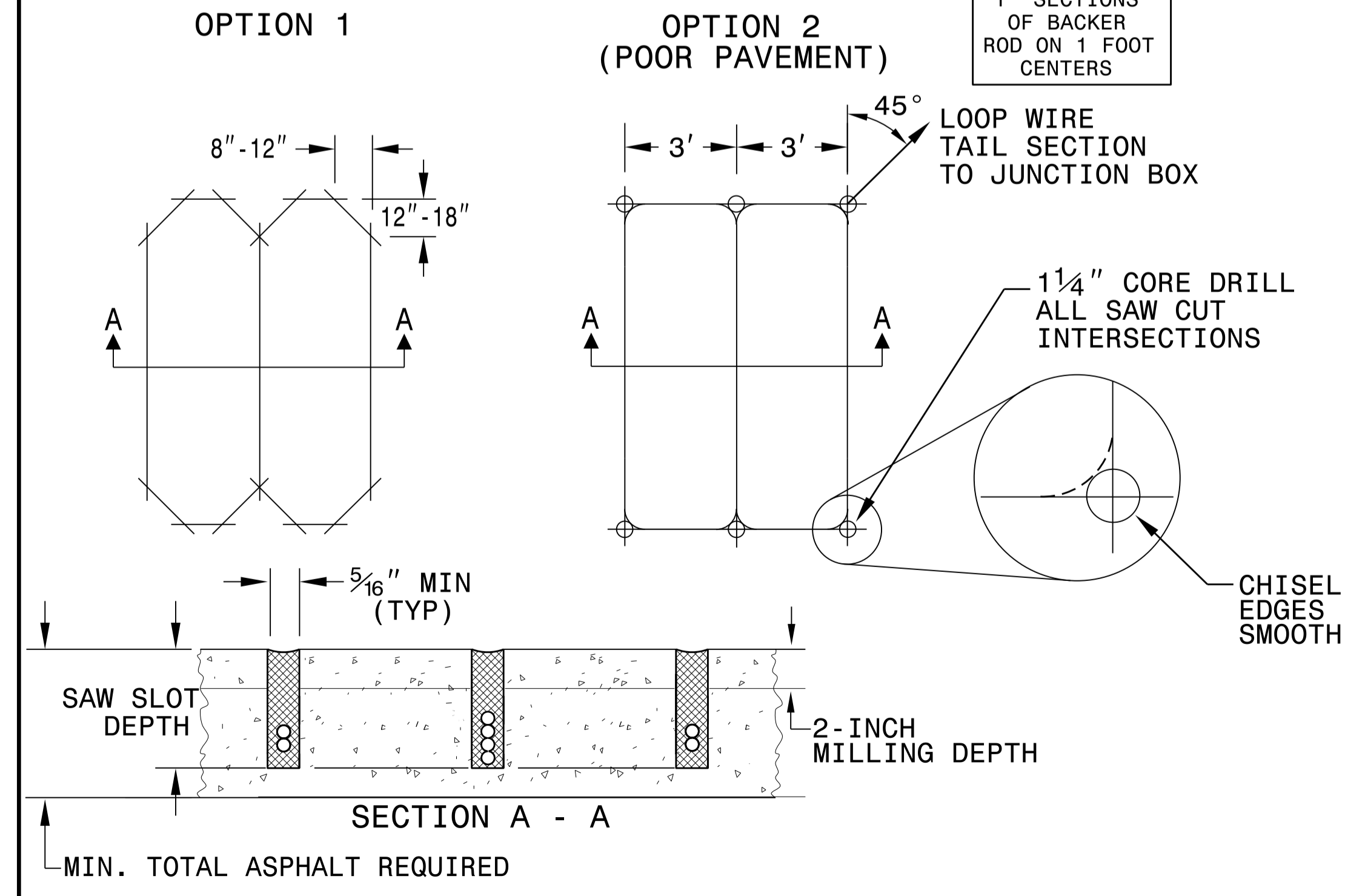


LOOP WINDING METHOD

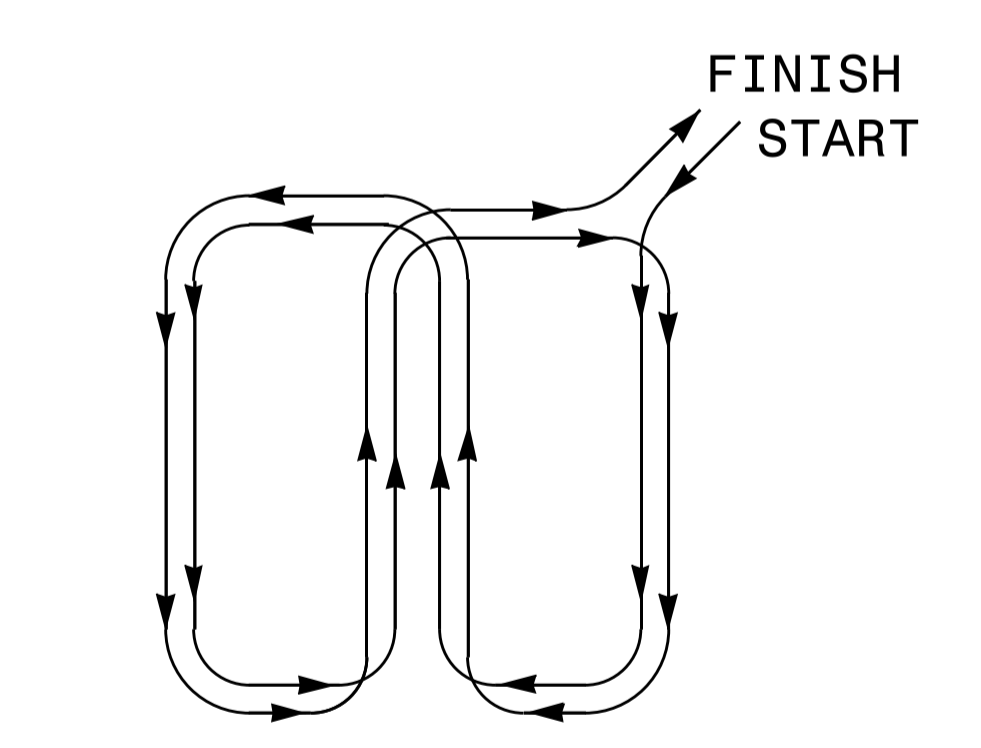


QUADRUPOLE LOOP

SAW CUT OPTIONS

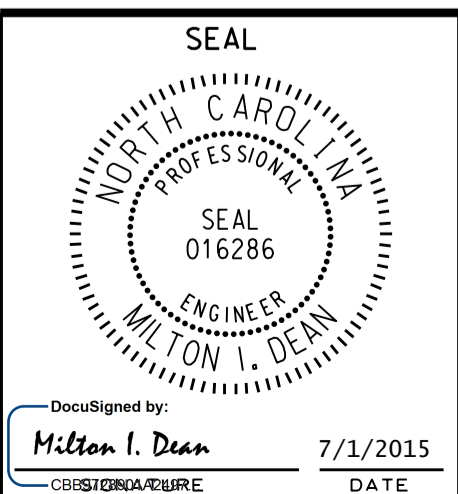
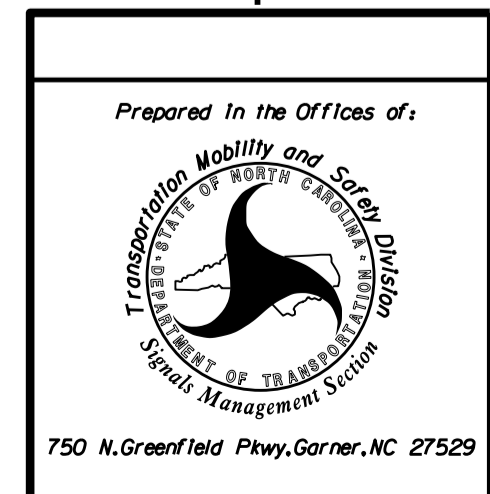


LOOP WINDING METHOD

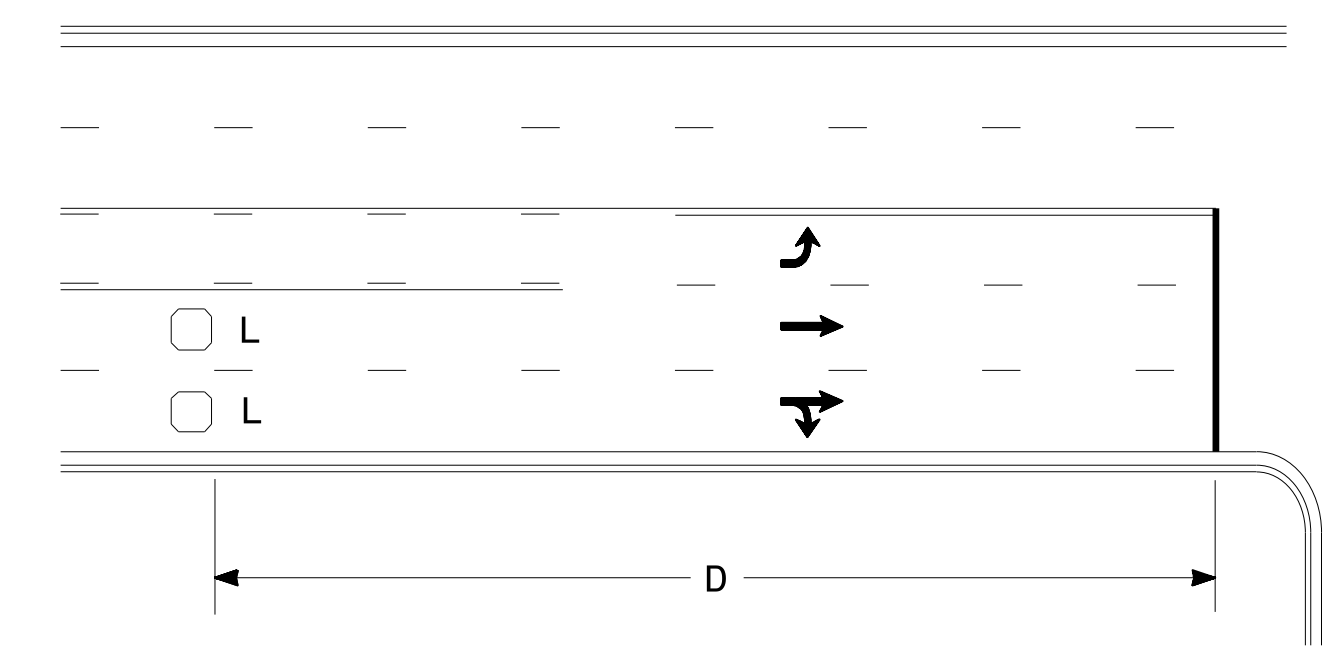


REVISIONS

1. REMOVED TWISTING NOTES FROM TAIL SECT. TO JUNCTION BOX. 2/26/08 MWH
2. REVISED SECTION A - A DETAILS. 6/29/15 JTP



High Speed Detection (≥35 mph)

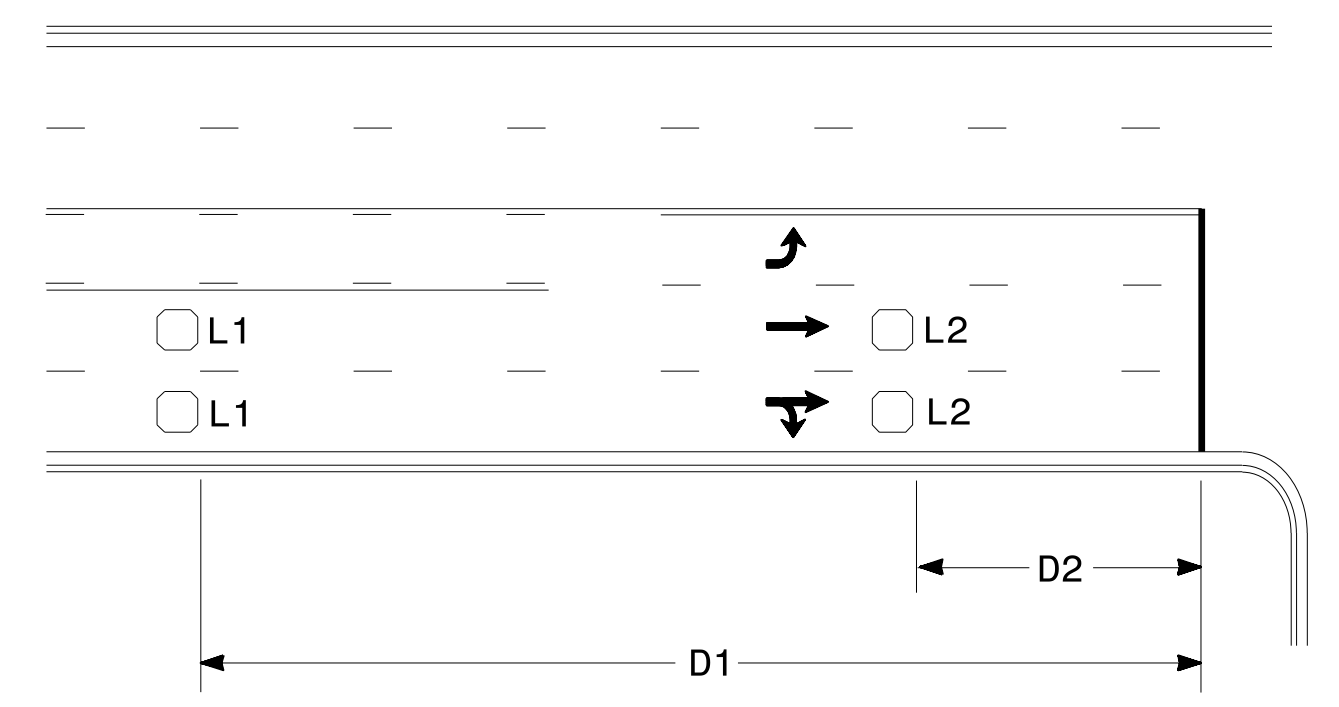


Speed Limit mph	D ft
35	200
40	250
45	300
50	355
55	420
60	475
65	550

L = 6ft X 6ft
Wired separately

Volume Density Operation

OR



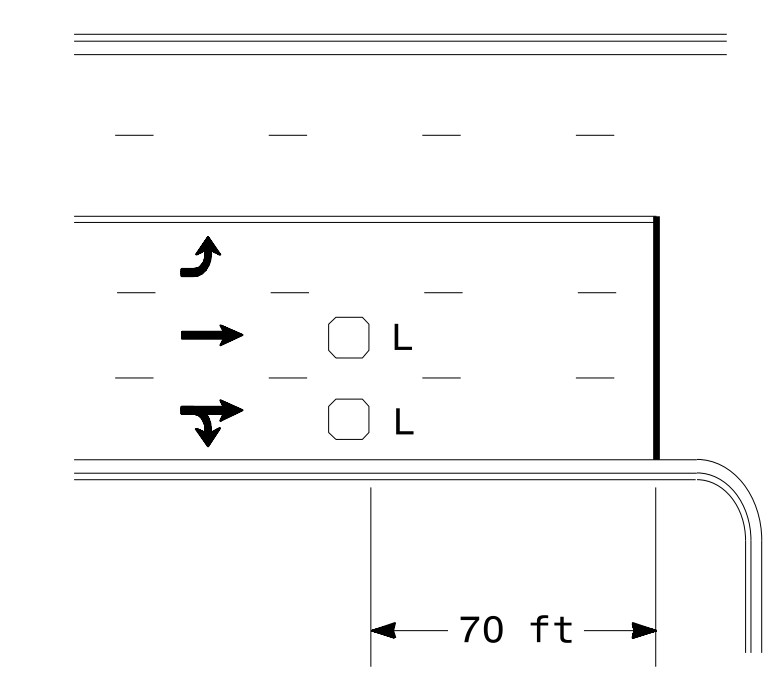
Speed Limit mph	D1 ft	D2 ft
40	250	80
45	300	90
50	355	100
55	420	110
60	475	120
65	550	130

L1 = 6ft X 6ft
Wired in series

L2 = 6ft X 6ft
Wired in series

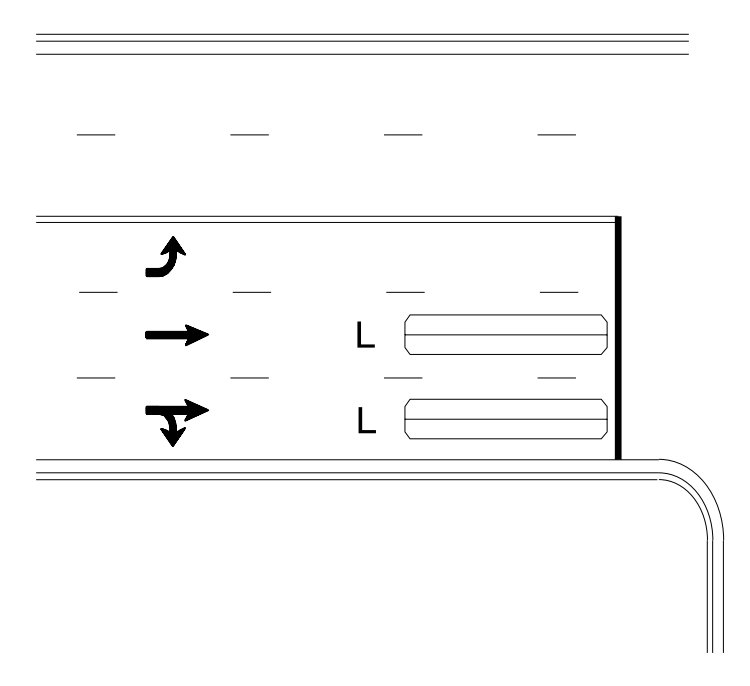
"Stretch" Operation

Low Speed Detection (≤35 mph)



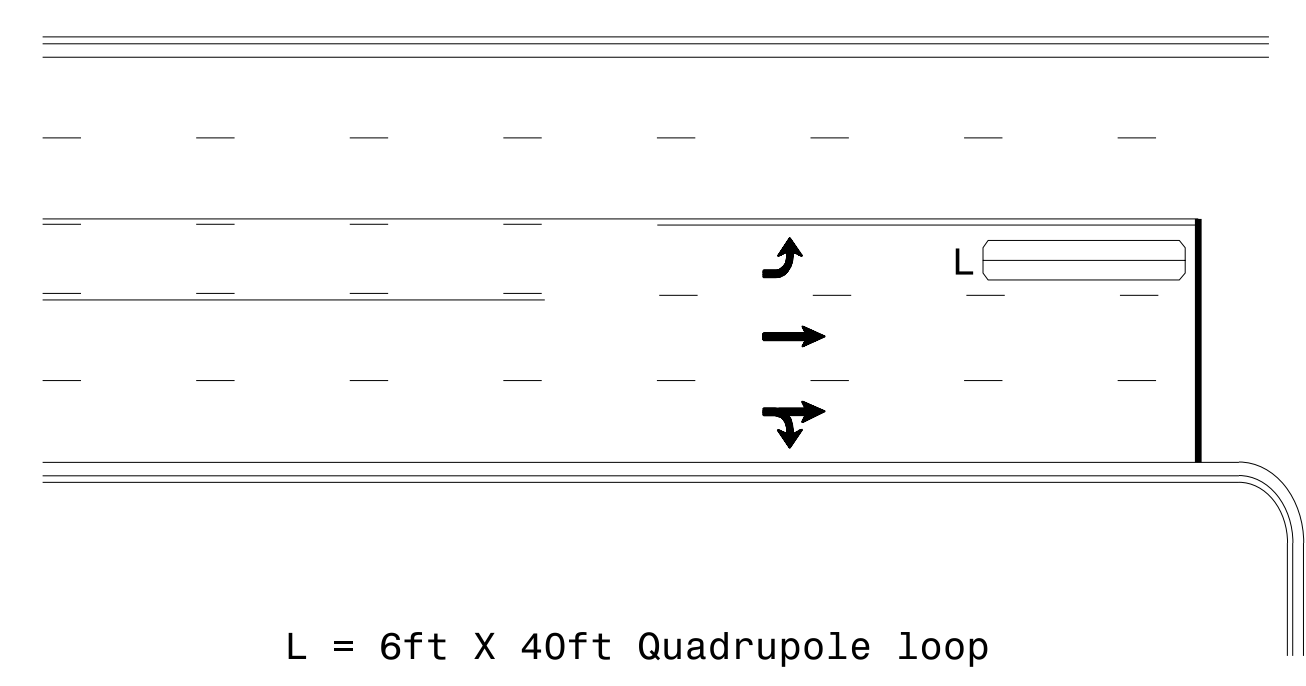
L = 6ft X 6ft
Wired in series

OR



L = 6ft X 40ft
Quadrupole loop, wired separately

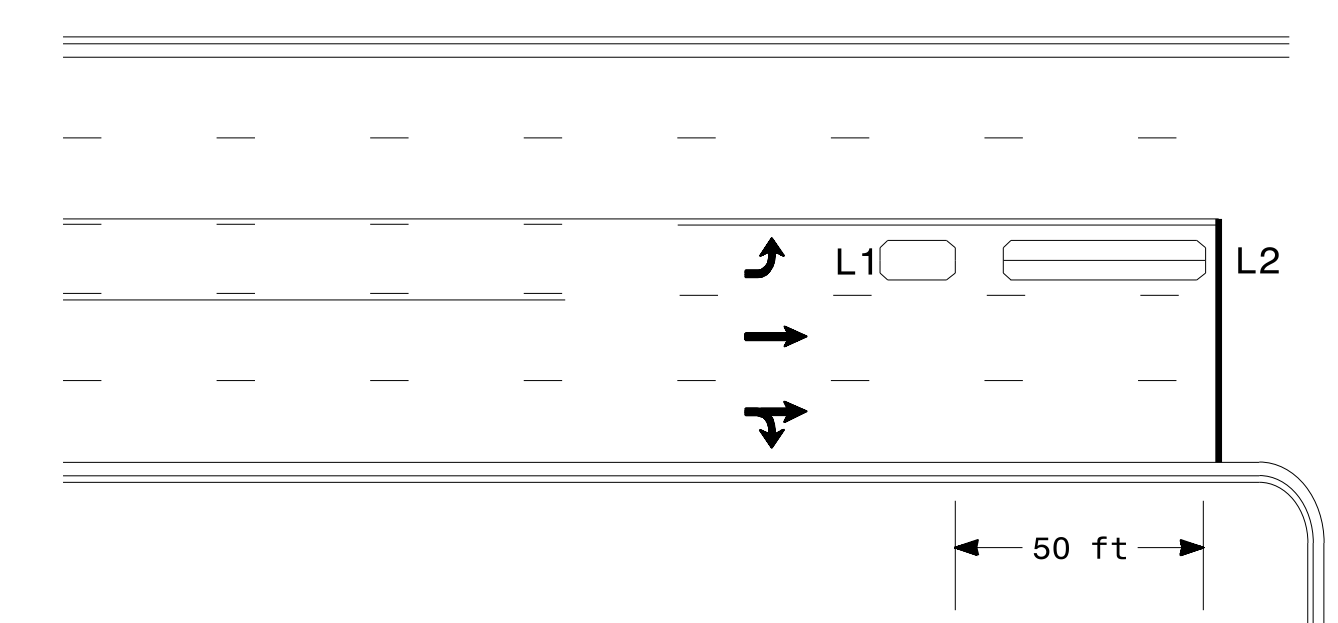
Left Turn Lane Detection



L = 6ft X 40ft Quadrupole loop

Presence Loop Detection

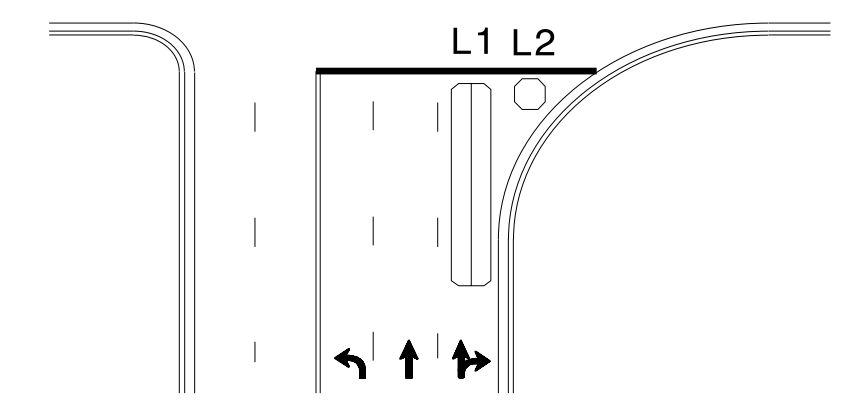
OR



L1 = 6ft X 15ft Queue detector
L2 = 6ft X 40ft Quadrupole loop

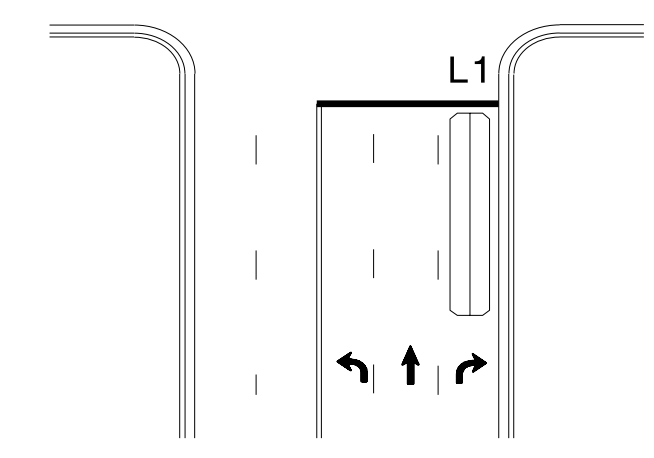
Queue Loop Detection

Right Turn Lane Detection

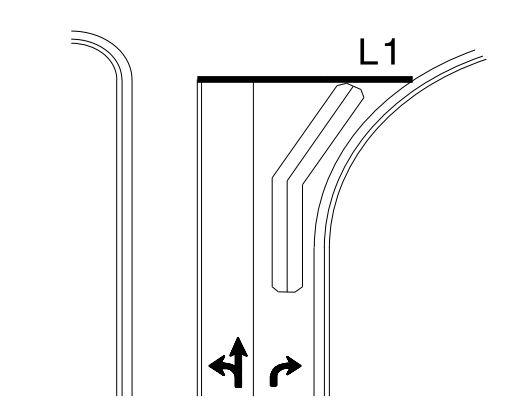


L1 = 6ft X 40ft Quadrupole loop
L2 = 6ft X 6ft [Minimum] Presence loop
Wired separately

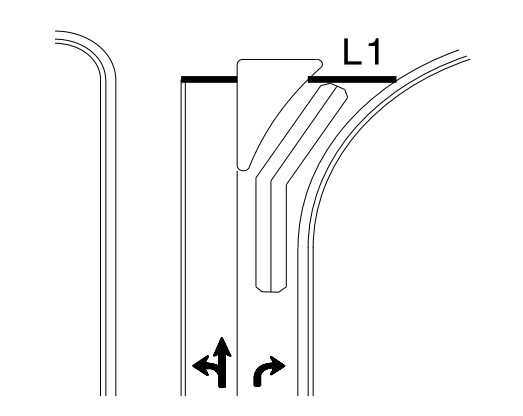
Shared Lane/
Wide Radius Turn



Standard Turn

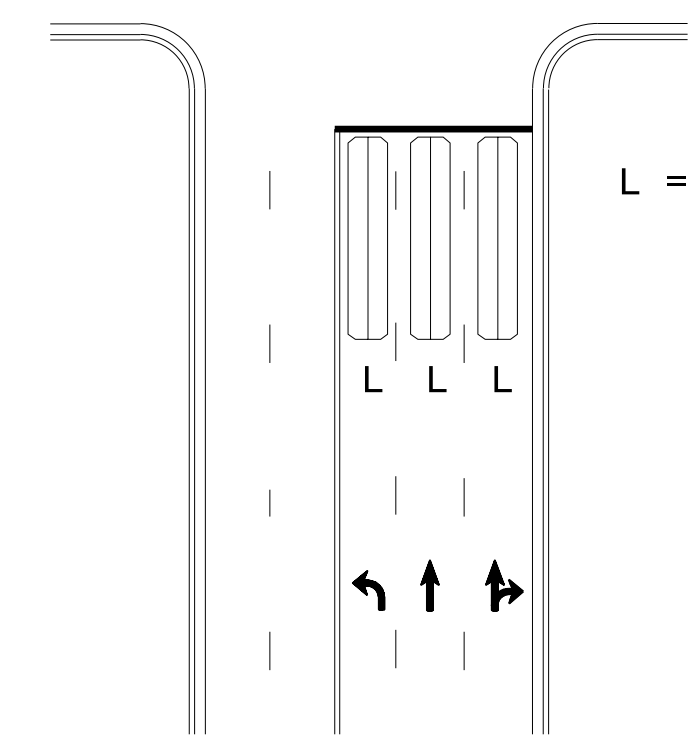


Wide Radius Turn



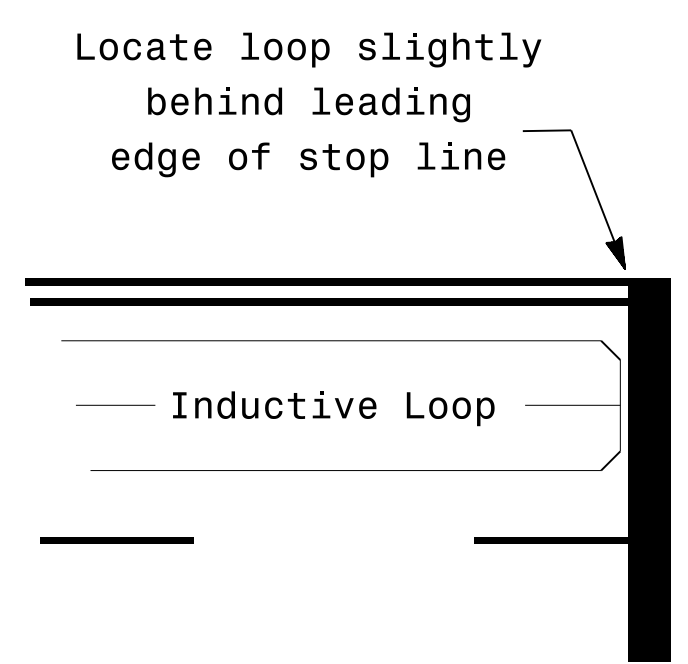
Channelized Turn

Side Street Detection



L = 6ft X 40ft
Quadrupole loop
Wired to separate
detectors/channels

Presence Loop Placement at Stop Lines



Locate loop slightly
behind leading
edge of stop line

- Note:
Loop may be located in advance
of stop line under any of the
following conditions:
- 1) stop line is greater than 15' from edge of intersecting roadway
 - 2) loop detects a permissive or protected/permissive left turn
 - 3) for an exclusive right turn lane

Recommended Number of Turns

Single 6' X 6' loop
(when wired separately):

Length of Lead-in ft	Number of Turns
< 250	3
250-375	4
375-525	5
> 525	6

Quadrupole loops: Use 2-4-2 turns
6' X 15' Loops:
Lead-in < 150', use 2 turns
Lead-in > 150', use 3 turns

750 N. Greenfield Pkwy, Garner, NC 27529

Prepared In the Offices of:

Typical Signal Loop Locations

PLAN DATE: September 2025 REVIEWED BY:

PREPARED BY: J.A. Lohr REVIEWED BY:

SCALE: N/A

SEAL

NORTH CAROLINA

PROFESSIONAL ENGINEER

SEAL 026486

ROBERT J. ZIEGLER

11/25/2025

SIG. INVENTORY NO.

17-0004-2025_07-25
 S:\17-0004\17-0004\SIG\17-0004\SIG\Signal Design Section\Eastern Regional\loop_Typical.dgn
 11/25/2025 10:54 AM
 JAL

PROJECT NO.	SHEET NO.	TOTAL NO.
2026CPT.07.16.20791	17	20

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LENGTH	WIDTH	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	INDUCTIVE LOOP SAW CUT (DEEP CUT)	
							MI	FT	CY	TONS	SMI	TON	SY	SY	TONS	TON	TONS	SY	GAL	EA	EA	LF	LF	AC	LF	
2026CPT.07.16.20791	Rockingham	1	SR-1001 / CHURCH ST EXT / WOOLEN STORE RD	FROM GCL TO SR 2406 - IRON WORKS RD	1	2	5.470	22	242	225	10.74	51		1,342	7,007	456	14	75,645	24,963			2,168	217	0.879		
TOTAL FOR MAP NO. 1							5.470		242	225	10.74	51		1,342	7,007	456	14	75,645	24,963			2,168	217	0.879		
2026CPT.07.16.20791	Rockingham	2	SR-1300 / AYERSVILLE RD	FROM NC 770 TO SR 1321 - PARK RD	1	2	2.600	23	113	150	5.04	24		392	3,298	214		34,939	11,530			1,008	101	0.413		
TOTAL FOR MAP NO. 2							2.600		113	150	5.04	24		392	3,298	214		34,939	11,530			1,008	101	0.413		
2026CPT.07.16.20791	Rockingham	3	SR-1964 / MEBANE BRIDGE RD	FROM END PVMT TO NC 14	1	2	0.590	20	18	30	0.82	4		458	524	34	5	5,200	1,716			164	16	0.067		
TOTAL FOR MAP NO. 3							0.590		18	30	0.82	4		458	524	34	5	5,200	1,716			164	16	0.067		
2026CPT.07.16.20791	Rockingham	4	SR-2671 / MADISON ST	FROM SR 3130 - N SCALES ST TO US 29 BUS	1 & 2	2	1.240	24	46	60	2.06	10	1,996	1,394	1,884	123	5	17,926	5,916	3	9	445	45	0.168		
TOTAL FOR MAP NO. 4							1.240		46	60	2.06	10	1,996	1,394	1,884	123	5	17,926	5,916	3	9	445	45	0.168		
2026CPT.07.16.20791	Rockingham	5	SR-1700 / FISHER HILL RD	FROM NC 700 TO VIRGINIA STATE LN	1	2	1.020	20	34	75	1.92	27		763	1,131	75	37	11,972	3,951			384	38	0.122		
TOTAL FOR MAP NO. 5							1.020		34	75	1.92	27		763	1,131	75	37	11,972	3,951			384	38	0.122		
2026CPT.07.16.20791	Rockingham	6	SR-2715 / HAMPTON RD	FROM SR 1980 - MT CARMEL CHURCH RD TO NC 700	1	2	3.630	21	104	174	6.95	131		729	4,120	271	60	44,063	14,541			1,389	139	0.379		
TOTAL FOR MAP NO. 6							3.630		104	174	6.95	131		729	4,120	271	60	44,063	14,541			1,389	139	0.379		
2026CPT.07.16.20791	Rockingham	7	SR-2283 / COMMERCE DR	FROM NC 135 TO CUL-DE-SAC	2	2	0.160	30					2,979	1,386	396	26				2	2				288	
TOTAL FOR MAP NO. 7							0.160							2,979	1,386	396	26				2	2				288
2026CPT.07.16.20791	Rockingham	8	SR-2816 / GLENMOOR DR	FROM SR 1974 - TOWN CREEK RD TO CUL-DE-SAC	1	2	0.150	20	6		0.29	1		167	188	13	22	2,076	685			58	6	0.024		
TOTAL FOR MAP NO. 8							0.150		6		0.29	1		167	188	13	22	2,076	685			58	6	0.024		
2026CPT.07.16.20791	Rockingham	9	SR-2813 / GLENWOOD RD	FROM SR 1974 - TOWN CREEK RD TO CUL-DE-SAC	1	2	0.160	20	7		0.30	1		167	210	14		2,176	718			61	6	0.025		
TOTAL FOR MAP NO. 9							0.160		7		0.30	1		167	210	14		2,176	718			61	6	0.025		
2026CPT.07.16.20791	Rockingham	10	SR-2814 / GLENRIDGE DR	FROM SR 2813 - GLENWOOD RD TO CUL-DE-SAC	1	2	0.150	21	6		0.29	3			189	12	2	2,078	686			58	6	0.021		
TOTAL FOR MAP NO. 10							0.150		6		0.29	3			189	12	2	2,078	686			58	6	0.021		
2026CPT.07.16.20791	Rockingham	11	SR-1213 / WOODFORD LN	FROM SR 1110 - ELLISBORO RD TO DEAD END	1	2	0.150	21	7	15	0.31	1		183	182	15	70	1,907	629			63	6	0.026		
TOTAL FOR MAP NO. 11							0.150		7	15	0.31	1		183	182	15	70	1,907	629			63	6	0.026		
2026CPT.07.16.20791	Rockingham	12	SR-1704 / MURPHY LN	FROM SR 1605 - N OAKLAND AV / OLD NC - 87 TO DEAD END	1	2	0.230	18	10	39	0.48	3		150	242	17	20	2,568	847			97	10	0.037		
TOTAL FOR MAP NO. 12							0.230		10	39	0.48	3		150	242	17	20	2,568	847			97	10	0.037		
2026CPT.07.16.20791	Rockingham	13	SR-1705 / NANCE ST	FROM SR 1704 - MURPHY LN TO SR 1605 - N OAKLAND AV / OLD NC - 87	1	2	0.330	18	14	45	0.65	5		163	346	23	1	3,729	1,230			130	13	0.050		
TOTAL FOR MAP NO. 13							0.330		14	45	0.65	5		163	346	23	1	3,729	1,230			130	13	0.050		
2026CPT.07.16.20791	Rockingham	14	SR-1706 / AZALEA RD	FROM SR 1605 N OAKLAND AV / OLD NC - 87 TO SR 1705 - NANCE ST	1	2	0.060	18	3	9	0.11			150	53	3		584	193			22	2	0.010		
TOTAL FOR MAP NO. 14							0.060		3	9	0.11			150	53	3		584	193			22	2	0.010		

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.
2026CPT.07.16.20791	18	20

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LENGTH	WIDTH	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	INDUCTIVE LOOP SAW CUT (DEEP CUT)	
							MI	FT	CY	TONS	SMI	TON	SY	SY	TONS	TON	TONS	SY	GAL	EA	EA	LF	LF	AC	LF	
2026CPT.07.16.20791	Rockingham	15	SR-2914 / ROCK SPRING DR	FROM SR 2410 - SANDY CROSS RD TO CUL-DE-SAC	1	2	0.230	18	10	6	0.45	2		154	253	16		2,786	919			91	9	0.037		
TOTAL FOR MAP NO. 15							0.230		10	6	0.45	2		154	253	16		2,786	919			91	9	0.037		
2026CPT.07.16.20791	Rockingham	16	SR-2972 / SHAGBARK DR	FROM US 158 TO CUL-DE-SAC	1	2	0.270	18	13	3	0.53			154	306	20		3,239	1,069			106	11	0.048		
TOTAL FOR MAP NO. 16							0.270		13	3	0.53			154	306	20		3,239	1,069			106	11	0.048		
2026CPT.07.16.20791	Rockingham	17	SR-2973 / COTTONWOOD LN	FROM US 158 TO SR 2972 - SHAGBARK DR	1	2	0.270	19	11	3	0.51	2		163	264	17	7	2,911	961			101	10	0.041		
TOTAL FOR MAP NO. 17							0.270		11	3	0.51	2		163	264	17	7	2,911	961			101	10	0.041		
2026CPT.07.16.20791	Rockingham	18	SR-2978 / BATTLE CREEK CT	FROM SR 2406 - IRON WORKS RD TO CUL-DE-SAC	1	2	0.270	20	11		0.52	4		204	318	22	38	3,500	1,155			104	10	0.040		
TOTAL FOR MAP NO. 18							0.270		11		0.52	4		204	318	22	38	3,500	1,155			104	10	0.040		
2026CPT.07.16.20791	Rockingham	19	SR-2827 / CLUB HOUSE DR	FROM SR 1987 - SALEM CHURCH RD TO END MAINT	1	2	0.070	20	1	3	0.14	4		171	85	6		825	272			27	3	0.005		
TOTAL FOR MAP NO. 19							0.070		1	3	0.14	4		171	85	6		825	272			27	3	0.005		
2026CPT.07.16.20791	Rockingham	20	SR-2826 / E PLANTATION CIR	FROM SR 2827 - CLUB HOUSE DR TO CUL-DE-SAC-LOOP	1	2	0.280	20	12		0.54	3			326	21		3,266	1,078		1	108	11	0.044		
TOTAL FOR MAP NO. 20							0.280		12		0.54	3			326	21		3,266	1,078		1	108	11	0.044		
2026CPT.07.16.20791	Rockingham	21	SR-2749 / FEATHER RIDGE CIR	FROM SR 2826 - E PLANTATION CIR TO CUL-DE-SAC	1	2	0.070	19	3		0.13				113	7		1,241	410			25	3	0.012		
TOTAL FOR MAP NO. 21							0.070		3		0.13				113	7		1,241	410			25	3	0.012		
2026CPT.07.16.20791	Rockingham	22	SR-2479 / MIDWAY RD	FROM US 158 TO END MAINT	1	2	0.190	18	7	18	0.32	1		167	162	12	21	1,790	591			63	6	0.026		
TOTAL FOR MAP NO. 22							0.190		7	18	0.32	1		167	162	12	21	1,790	591			63	6	0.026		
2026CPT.07.16.20791	Rockingham	23	SR-2480 / GALLENT RD	FROM CUL-DE-SAC TO END MAINT	1	2	0.320	16	15	36	0.67	3			464	32	37	4,241	1,400			134	13	0.055		
TOTAL FOR MAP NO. 23							0.320		15	36	0.67	3			464	32	37	4,241	1,400			134	13	0.055		
2026CPT.07.16.20791	Rockingham	24	SR-2481 / WAYNOR DR	FROM SR 2480 - GALLENT RD TO END PVMT	1	2	0.140	20	6	30	0.26	1			140	10	11	1,543	509			52	5	0.021		
TOTAL FOR MAP NO. 24							0.140		6	30	0.26	1			140	10	11	1,543	509			52	5	0.021		
2026CPT.07.16.20791	Rockingham	25	SR-2963 / REDWING DR	FROM SR 2310 - BAILEY RD TO CUL-DE-SAC	1	2	0.090	21	4	15	0.17	1		179	121	9	14	1,338	442			34	3	0.014		
TOTAL FOR MAP NO. 25							0.090		4	15	0.17	1		179	121	9	14	1,338	442			34	3	0.014		
2026CPT.07.16.20791	Rockingham	26	SR-1403 / PRIDDY RD	FROM NC 770 TO END MAINT	1	2	0.170	21	4	9	0.34	8		175	224	15	7	2,089	689			67	7	0.015		
TOTAL FOR MAP NO. 26							0.170		4	9	0.34	8		175	224	15	7	2,089	689			67	7	0.015		
2026CPT.07.16.20791	Rockingham	27	SR-2476 / SPRING GARDEN RD	FROM SR 2410 - IRVIN FARM RD TO END MAINT	1	2	0.260	19	10	9	0.52	5		163	272	19	18	2,998	989			104	10	0.038		
TOTAL FOR MAP NO. 27							0.260		10	9	0.52	5		163	272	19	18	2,998	989			104	10	0.038		
TOTAL FOR PROJ NO. 2026CPT.07.16.20791							18.570		717	954	35.06	295		4,975	8,974	22,818	1,502	389	236,630	78,089	5	12	7,063	706	2.617	288
GRAND TOTAL							18.570		717	954	35.06	295		4,975	8,974	22,818	1,502	389	236,630	78,089	5	12	7,063	706	2.617	288

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.
2026CPT.07.16.20791	19	20

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LENGTH	WIDTH	WORK ZONE ADVANCE/ GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL	6" X 90 M WHITE THERMO	6" X 90 M YELLOW THERMO	12" X 90 M YELLOW THERMO	12" X 90 M WHITE THERMO	24" X 90 M WHITE THERMO	THERMO MSG STOP 90 M	THERMO MSG AHEAD 90 M	THERMO LT ARROW 90 M	THERMO RT ARROW 90 M	THERMO STR & RT ARROW 90 M	THERMO STR & LT ARROW 90 M	6" WHITE PAINT	6" YELLOW PAINT	24" WHITE PAINT	PAINT LT ARROW	PAINT RT ARROW	PAINT STR & RT ARROW	PAINT STR & LT ARROW		
											LF	LF	LF	LF	LF	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
2026CPT.07.16.20791	Rockingham	1	SR-1001 / CHURCH ST EXT / WOOLEN STORE RD	FROM GCL TO SR 2406 - IRON WORKS RD	1	2	5.47	22	607	1.00	59,000	50,000																		
TOTAL FOR MAP NO. 1							5.47		607	1.00	59,000	50,000																		
2026CPT.07.16.20791	Rockingham	2	SR-1300 / AYERSVILLE RD	FROM NC 770 TO SR 1321 - PARK RD	1	2	2.6	23	282		27,500	27,000																		
TOTAL FOR MAP NO. 2							2.6		282		27,500	27,000																		
2026CPT.07.16.20791	Rockingham	3	SR-1964 / MEBANE BRIDGE RD	FROM END PVMT TO NC 14/87/770	1	2	0.59	20			4,500	4,500																		
TOTAL FOR MAP NO. 3							0.59				4,500	4,500																		
2026CPT.07.16.20791	Rockingham	4	SR-2671 / MADISON ST	FROM SR 3130 - N SCALES ST TO US 29 BUS	1 & 2	2	1.24	24			12,000	13,000	100					1	1			70	830		1	1				
TOTAL FOR MAP NO. 4							1.24				12,000	13,000	100					1	1			70	830		1	1				
2026CPT.07.16.20791	Rockingham	5	SR-1700 / FISHER HILL RD	FROM NC 700 TO VIRGINIA STATE LN	1	2	1.02	20			10,500	10,500																		
TOTAL FOR MAP NO. 5							1.02				10,500	10,500																		
2026CPT.07.16.20791	Rockingham	6	SR-2715 / HAMPTON RD	FROM SR 1980 - MT CARMEL CHURCH RD TO NC 700	1	2	3.63	21	389		37,500	34,500		100	60	24	10													
TOTAL FOR MAP NO. 6							3.63		389		37,500	34,500		100	60	24	10													
2026CPT.07.16.20791	Rockingham	7	SR-2283 / COMMERCE DR	FROM NC 135 TO CUL-DE-SAC	2	2	0.16	30			400	1,700			25			6	2	1	2	400	1,700	25	6	2	1	2		
TOTAL FOR MAP NO. 7							0.16				400	1,700			25			6	2	1	2	400	1,700	25	6	2	1	2		
2026CPT.07.16.20791	Rockingham	8	SR-2816 / GLENMOOR DR	FROM SR 1974 - TOWN CREEK RD TO CUL-DE-SAC	1	2	0.15	20																						
TOTAL FOR MAP NO. 8							0.15																							
2026CPT.07.16.20791	Rockingham	9	SR-2813 / GLENWOOD RD	FROM SR 1974 - TOWN CREEK RD TO CUL-DE-SAC	1	2	0.16	20																						
TOTAL FOR MAP NO. 9							0.16																							
2026CPT.07.16.20791	Rockingham	10	SR-2814 / GLENRIDGE DR	FROM SR 2813 - GLENWOOD RD TO CUL-DE-SAC	1	2	0.15	21																						
TOTAL FOR MAP NO. 10							0.15																							
2026CPT.07.16.20791	Rockingham	11	SR-1213 / WOODFORD LN	FROM SR 1110 - ELLISBORO RD TO DEAD END	1	2	0.15	21																						
TOTAL FOR MAP NO. 11							0.15																							
2026CPT.07.16.20791	Rockingham	12	SR-1704 / MURPHY LN	FROM SR 1605 - N OAKLAND AV / OLD NC - 87 TO DEAD END	1	2	0.23	18																						
TOTAL FOR MAP NO. 12							0.23																							
2026CPT.07.16.20791	Rockingham	13	SR-1705 / NANCE ST	FROM SR 1704 - MURPHY LN TO SR 1605 - N OAKLAND AV / OLD NC - 87	1	2	0.33	18																						
TOTAL FOR MAP NO. 13							0.33																							
2026CPT.07.16.20791	Rockingham	14	SR-1706 / AZALEA RD	FROM SR 1605 N OAKLAND AV / OLD NC - 87 TO SR 1705 - NANCE ST	1	2	0.06	18																						
TOTAL FOR MAP NO. 14							0.06																							

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

