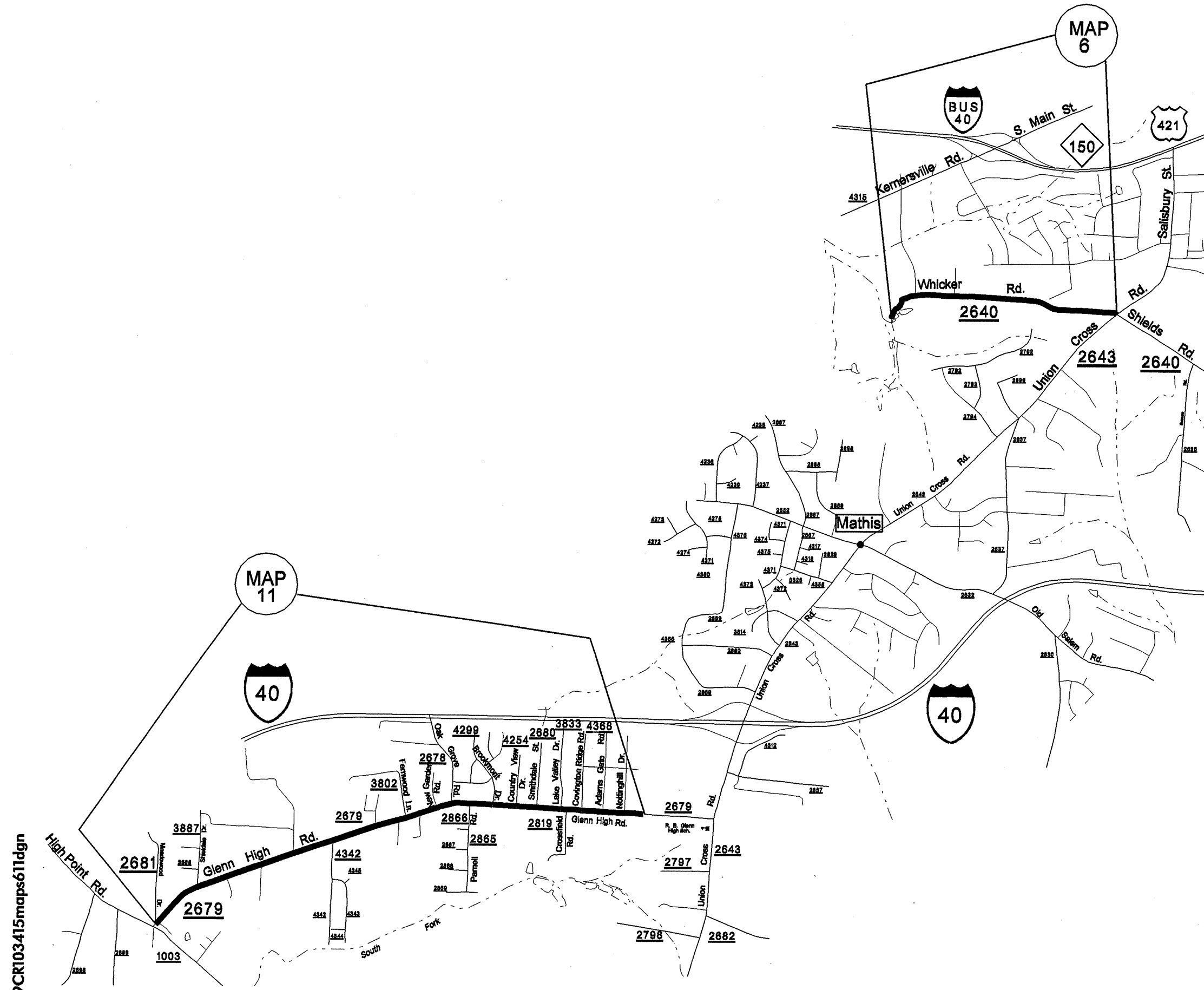


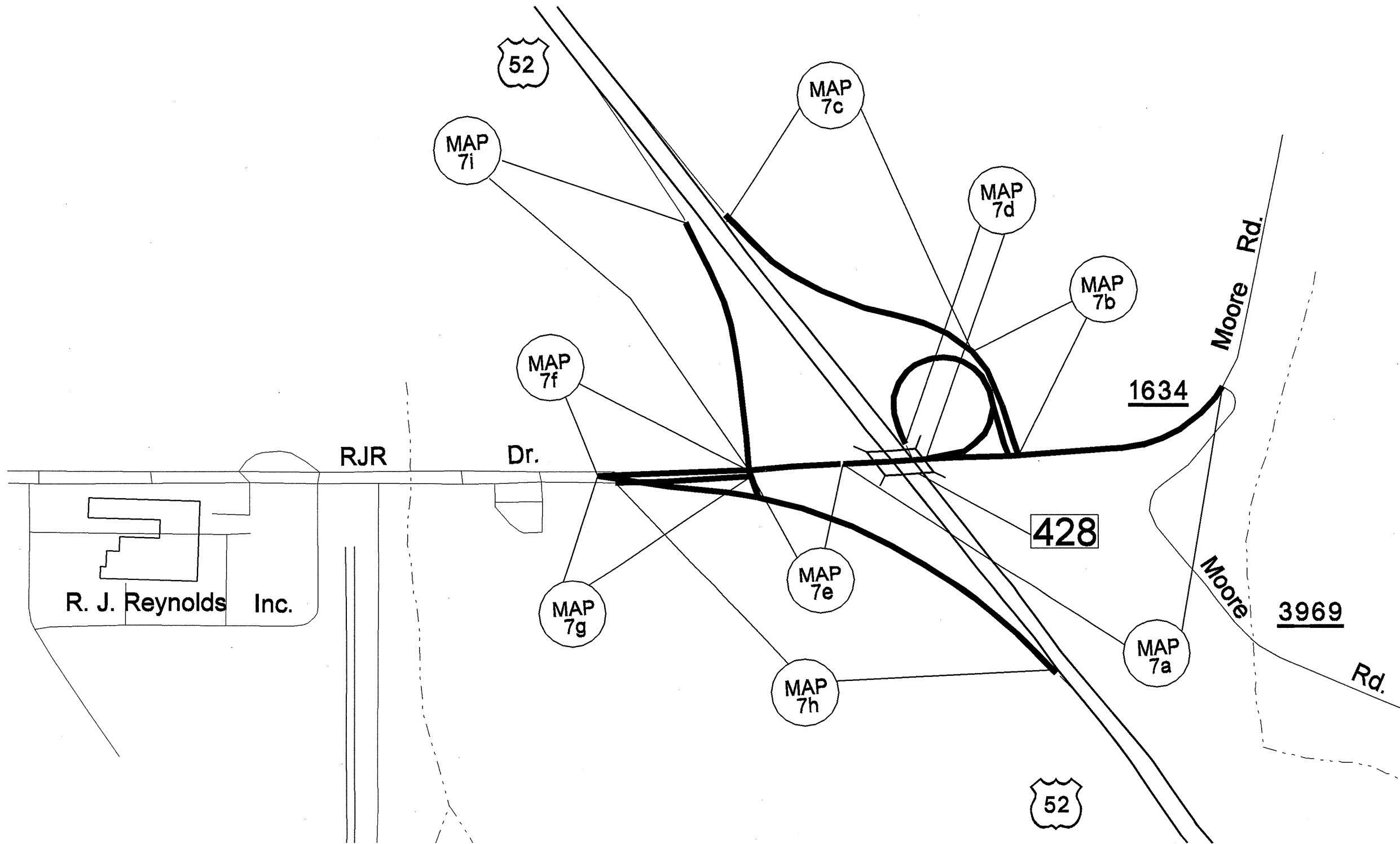
SHEET NO. 1 OF 16
FORSYTH COUNTY
W.O. NOS. 9CR.10341.5 AND 9CR.20341.5
MAP LOCATION SHEET (1 OF 7)

Forsyth County



9CR103415maps611dgn

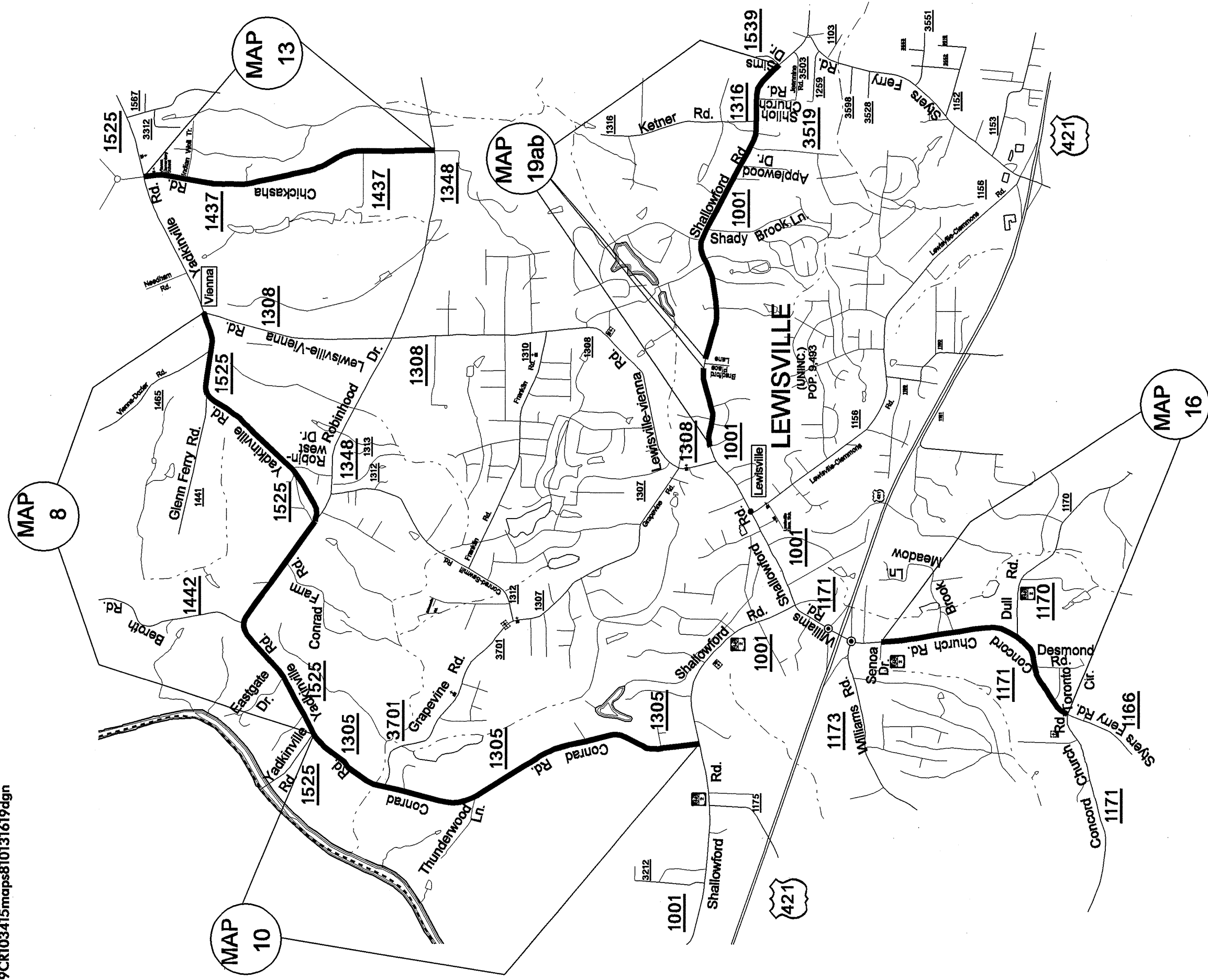
FORSYTH COUNTY
NORTH CAROLINA



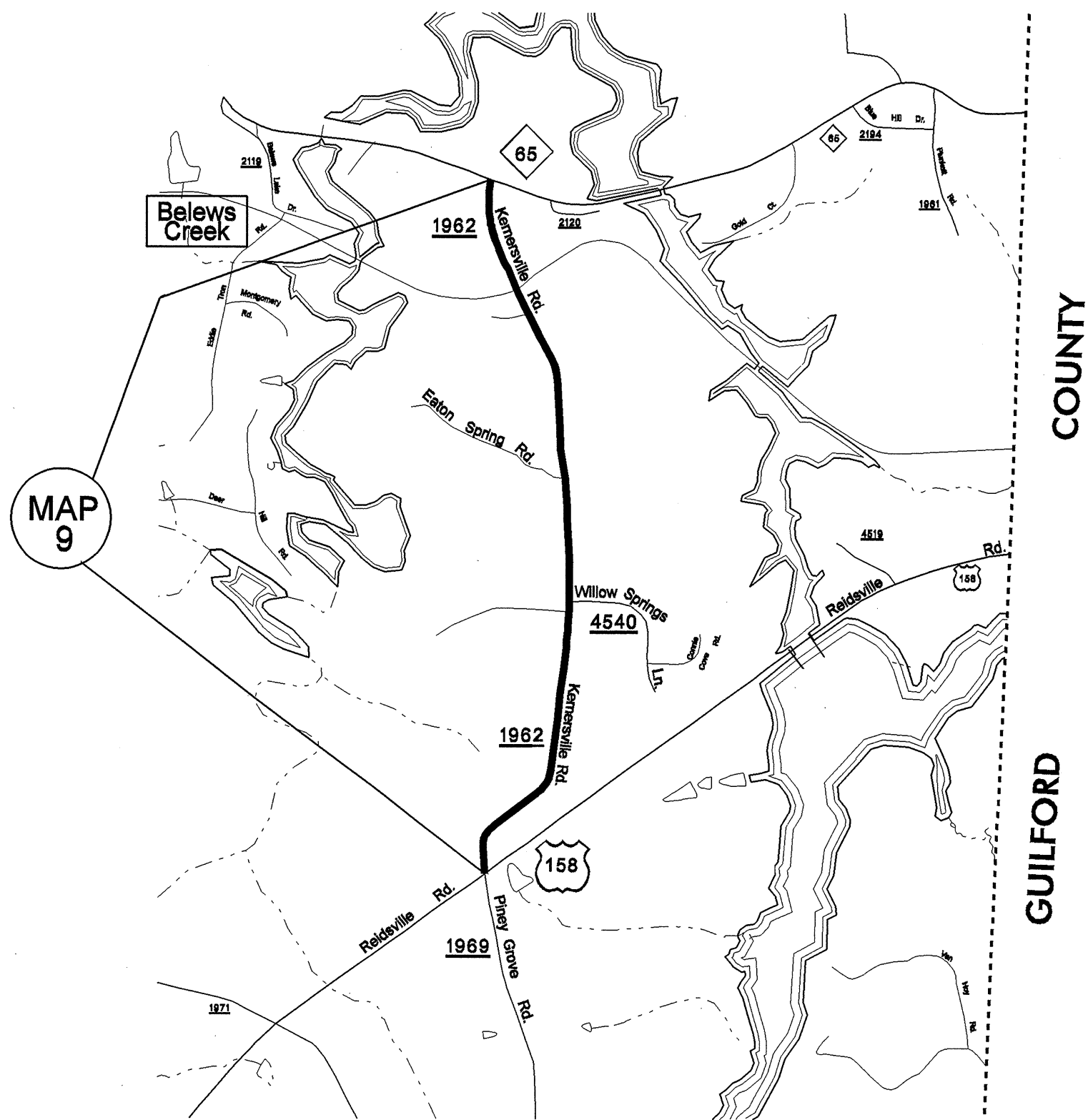
9CR103415map7.dgn

9CR103415maps810131619dgn

SHEET NO. 4 OF 16
FORSYTH COUNTY
W.O. NOS. 9CR.10341.5 AND 9CR.20341.5
MAP LOCATION SHEET (4 OF 7)



FORSYTH COUNTY
NORTH CAROLINA

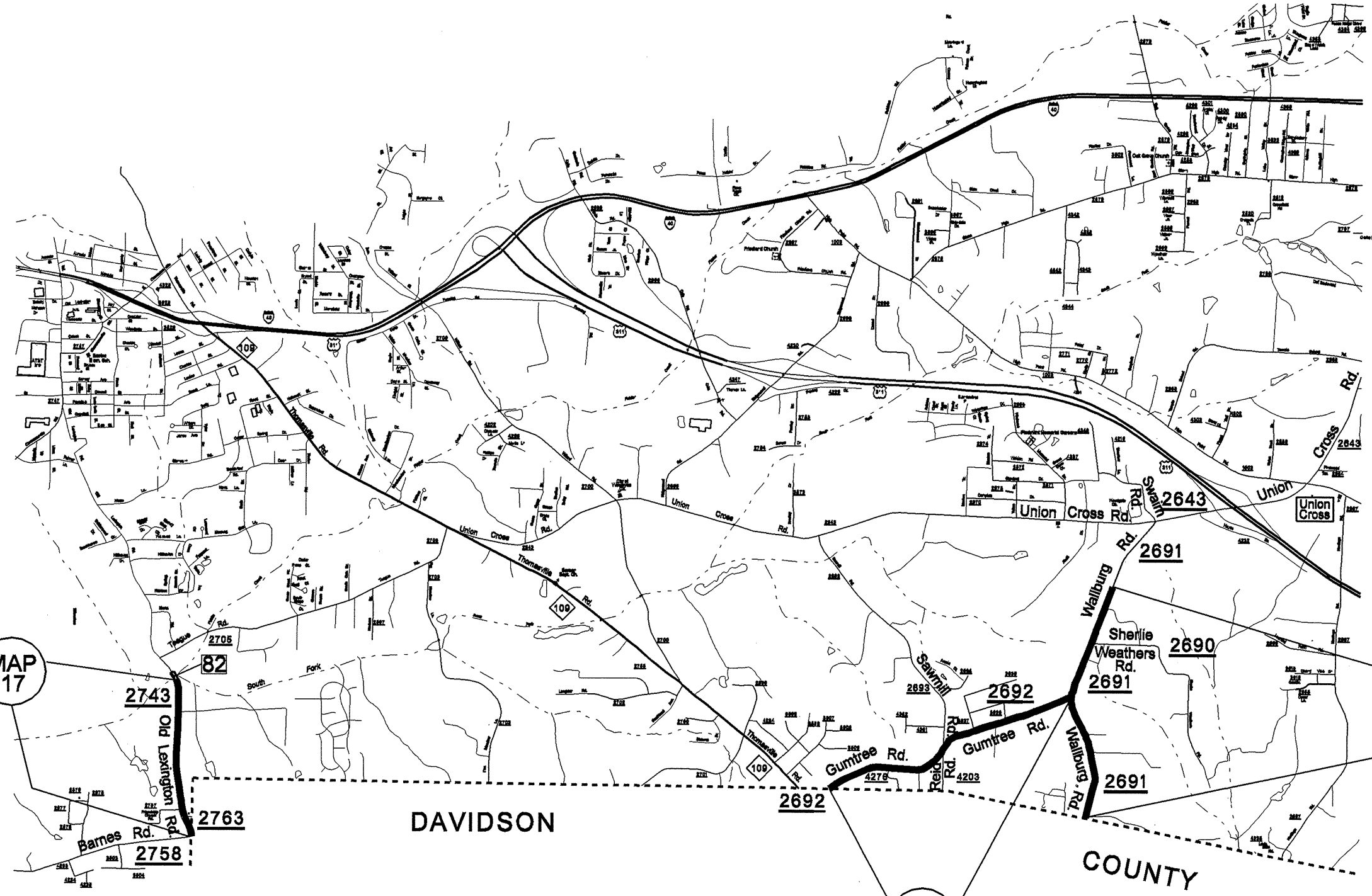


NOTE TO CONTRACTOR:

THIS MAP WAS RESURFACED AS A PART OF A DIVISION MAINTENANCE CONTRACT IN THE SPRING OF 2006. THIS 2007 CONTRACT IS MEANT TO PROVIDE THE FINAL SURFACE COURSE.



FORSYTH COUNTY
NORTH CAROLINA



MAP 17

MAP 15

MAP 14

DAVIDSON

COUNTY

FORSYTH COUNTY

NORTH CAROLINA

9CR103415maps141517dgn

SUMMARY OF QUANTITIES

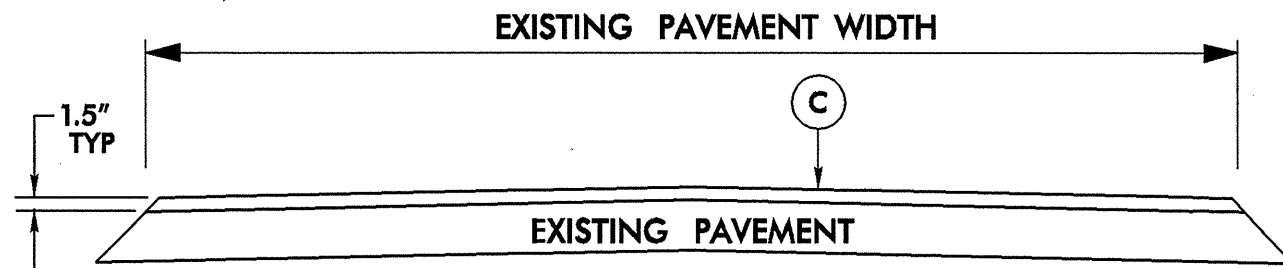
WORK ORDER NO	COUNTY	MAP NO	ROUTE NO / ROUTE NAME	TO / FROM DESCRIPTION	Typical No	Length		Incidental Stone Base	Shoulder Recon-struction	Mill Asphalt Pavement 1 1/2" Depth	Mill Asphalt Pavement 9/2" Depth	Mill Asphalt Pavement 0" TO 1 1/2" Depth	ACBC Type B25.0B	ACBC Type B25.0C	ACIC Type I19.0C	ACSC Type S9.5B	ACSC Type S9.5C	PG 64-22 Plant Mix	PG 70-22 Plant Mix	Patching Asphalt Pavement	Adjust Drop Inlet	Adjust Manhole	Adjust Meter / Valve Box		
						MI	FT																	TONS	SMI
9CR.10341.5	Forsyth	1a	NC 8 Germanton Road	From and Include Intersection at Ramp to Southbound US 52 to Include Bridge# 103 Over Mill Creek	2, 4	1.147	26	69		1,288		217					1,778		107	4		3	4		
		1b	NC 8 Germanton Road	From Bridge #103 Over Mill Creek to Windy Hill Dr (NS)	2, 5	0.482	50					233					1,310		79	110		8	2		
		1c	NC 8 Germanton Road	Windy Hill Dr (NS) to Pvmt Jt After Rock Spring Dr (NS)	2, 5	0.498	26	20									705		42	2					
TOTAL FOR MAP NO. 1						2.127		89	0.00	1,288	0	450	0	0	0	0	3,793	0	228	116	0	11	6		
		2	NC 66 Old Hollow Road	Pvmt Jt After Island at SR 4000 (University Parkway) to Winston-Salem NCL (Just Before SR 2207 - Old Rural Hall Rd). Do Not Include New Section Either Side of NC 8 (Germanton Rd)	2	1.921	23	115								2,631		158	25						
TOTAL FOR WORK ORDER NO. 9CR.10341.5						4.048		204	0.00	1,288	0	450	0	0	0	0	6,424	0	386	141	0	11	6		
9CR.20341.5	Forsyth	3	SR 1528 EB North Point Boulevard	From and Include Intersection at SR 1681 (Bethania Rd) to Pvmt Jt at and Do Not Include Intersection at SR 4000 (University Parkway)	13	0.456	24			6,336						920		55				1	9		
		4	SR 1528 WB North Point Boulevard	Pvmt Jt at But Do Not Include Intersection at SR 4000 (University Pkwy) to and Include Intersection at SR 1681 (Bethabra Rd)	13	0.464	24			10,009							969		58				1		
		5	SR 1528 North Point Boulevard	From and Include Intersection of SR 1725 (Cherry St) to Pvmt Jt at McDonald's Restaurant	10	0.585	64					8,237					1,907		114		8		1		
		6	SR 2640 Whicker Road	SR 2643 (Union Cross Rd) to End of Maintenance	1	0.856	24	17									1,285		77		8			4	
		7a	SR 1634 Moore - RJR Drive	From and Include Intersection at SR 1491 (Moore Rd) to Pt. Apprx 100 Feet West of Bridge 428 over US 52	8, 9	0.279	28					4,580			1,560	931		455	111	27					
		7b	SR 1634 Moore - RJR Drive	Ramp to US 52 Northbound - Curb Section	15	0.042	24										55		3	2					
		7c	SR 1634 Moore - RJR Drive	Ramp to US 52 Northbound From Curb Section to Nova Chip Pvmt Jt	2, 14	0.193	20	8									210		13	3					
		7d	SR 1634 Moore - RJR Drive	Ramp From US 52 Northbound	8, 9, 11	0.133	20					1,556			702	419		205	50	12					
		7e	SR 1634 Moore - RJR Drive	From Pt. Apprx. 100 Feet West of Bridge 428 Over US 52 to Beginning of Divided Roadway	2	0.063	42	4									188		11	4					
		7f	SR 1634 Moore - RJR Drive	Westbound Divided Drive to Pvmt Jt at RJR Entrance	16	0.087	26	3									127		8	3					
		7g	SR 1634 Moore - RJR Drive	Eastbound Divided Drive from Pvmt Jt at RJR Entrance to End of Divided Roadway	16	0.088	15	4									72		4	2					
		7h	SR 1634 Moore - RJR Drive	Ramp to Southbound US 52 From Pvmt Jt at RJR Entrance	2, 12, 16	0.292	18	18									300		18	3					
		7i	SR 1634 Moore - RJR Drive	Ramp From Southbound US 52	2	0.177	18	11									174		10	4					
TOTAL FOR MAP NO. 7						1.267		48	0.00	0	6,136	0	0	2,262	1,350	0	1,786	161	106	21	0	0	0		
		8	SR 1525 Yadkinville Road	Pvmt Jt at SR 1308 (Lewisville-Vienna Rd) to Pvmt Jt at SR 1305 (Conrad Rd)	1	2.563	22	103								3,192		192		20			2		
		9	SR 1962 Kernersville Road	Pvmt Jt at NC 65 to EOP of US 158 (This is Additional Overlay)	1	1.692	23	85								2,121		127							
		10	SR 1305 Conrad Road	Pvmt Jt at Lewisville City Limit to SR 1001 (Shallowford Rd)	6	1.635	24	65	3.27				1,475			2,138		192		20					
		11	SR 2679 Glenn Hi Road	EOP of SR 1003 (High Point Rd) to Pvmt Jt Near Nottingham Dr (NS)	1	2.084	22	83								2,771		166		20		1	12		
		12	SR 1611 Main Street	SR 1794 (High Cliffs Rd) to Pvmt Jt Before Brick Pvmt at SR 4002 (Bethania-Rural Hall Rd)	1	0.649	24	13		405		300				849		51		8			5		
		13	SR 1437 Chickasha Road	Pvmt Jt at SR 1525 (Yadkinville Rd) to Pvmt Jt at SR 1348 (Robinhood Rd)	7	1.484	22	59	2.97				1,339			1,780		164		10					
		14	SR 2692 Gumtree Road	Davidson Co Line to EOP of SR 2691 (Wallburg Rd)	1	1.258	22	63								1,577		95		12			2		
		15	SR 2691 Wallburg Road	Davidson Co Line to Pvmt Jt Apprx 720 Ft Past SR 2690 (Sherlie Weavil Rd)	1	1.020	23	41								1,446		87		10					
		16	SR 1171 Conrad Church Road	Pvmt Jt at Senoa Dr (NS) to SR 1166 (Styers Ferry Rd)	1	1.210	24	48								1,616		97		10			1		
		17	SR 2743 Old Lexington Road	From Bridge 82 Over Fiddler Creek to and Include Intersection of SR 2758 (Barnes Rd)	1	0.808	24	32				225				1,152		69		8			3		
		18	SR 3210 Transou / Skylark Roads	Pvmt Jt at SR 1525 (Yadkinville Rd) to Pvmt Jt at NC 67 (Reynolda Rd) Do Not Pave Over Newer Pvmt Turn Lane Section at School	1	1.246	22	50								1,494		90		8			3		
		19a	SR 1001 Shallowford Road	Pvmt Jt at Sims Dr (NS) to Beginning of 3-Lane C&G Section, Do Not Pave Over New Pavement Section at Shallowford Reserve Subdivision	1	1.905	24	76								2,265		136		6			4		
		19b	SR 1001 Shallowford Road	From Beginning of 3-Lane C&G Section to Pvmt Jt East of Great Wagon Rd	3	0.125	33	4								242		15		4	1		1		
TOTAL FOR MAP NO. 19						2.030		80	0.00	0	0	0	0	0	0	2,507	0	151	0	10	1	0	5		
TOTAL FOR WORK ORDER NO. 9CR.20341.5						20.851		787	6.24	16,750	6,136	8,762	2,814	2,262	1,350	27,724	1,786	1,946	106	173	1	4	46		
GRAND TOTAL						24.899		991	6.24	18,038	6,136	9,212	2,814	2,262	1,350	27,724	8,210	1,946	492	314	1	15	52		

PLEASE NOTE: ALL QUANTITIES LISTED ARE ESTIMATES; PAYMENT WILL BE BASED ON ACTUAL FIELD MEASUREMENTS AND QUANTITIES RECEIVED.

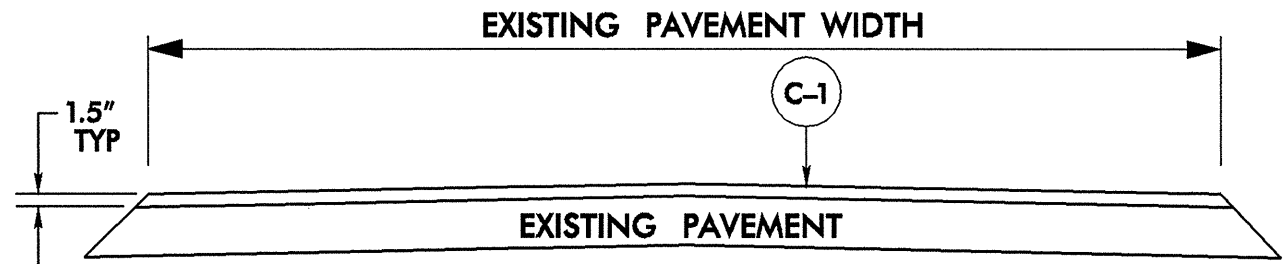
THERMOPLASTIC AND PAINT QUANTITIES

WORK ORDER NO	COUNTY	MAP NO	ROUTE NO / ROUTE NAME	TO / FROM DESCRIPTION	4685000000-E	4686000000-E	4695000000-E	4697000000-E	4700000000-E	4702000000-E	4710000000-E	4721000000-E			4725000000-E				4810000000-E		4835000000-E			4845000000-N				4905000000-N							
					4" X 90 M WHITE THERMO	4" X 120 M WHITE THERMO	4" X 120 M YELLOW THERMO	8" X 90 M WHITE THERMO	8" X 90 M YELLOW THERMO	8" X 120 M WHITE THERMO	12" X 90 M WHITE THERMO	12" X 120 M WHITE THERMO	24" X 120 M WHITE THERMO	THERMO MSG ONLY 120 M EA	THERMO MSG SCHOOL 120 M EA	THERMO LT ARROW 90 M EA	THERMO ST & RT ARROW 90 M EA	THERMO ST ARROW 90 M EA	THERMO RT ARROW 90 M EA	4" WHITE PAINT LF	4" YELLOW PAINT LF	24" WHITE PAINT LF	PAINT LT ARROW EA	PAINT ST ARROW EA	PAINT ST & RT ARROW EA	PAINT RT ARROW EA	PAINT RT ARROW EA	PAINT RT ARROW EA	SNOW PLOWABLE MARKERS EA						
					LF	LF	LF	LF	LF	LF	LF	LF	LF	EA	EA	EA	EA	EA	EA	LF	LF	LF	EA	EA	EA	EA	EA	EA	EA						
9CR.10341.5	Forsyth	1a	NC 8 Germanton Road	From and Include Intersection Ramp to Southbound US 52 to Include Bridge# 103 Over Mill Creek	12,342	700	8,058	20	100						110				4	3	1												76		
		1b	NC 8 Germanton Road	From Bridge #103 Over Mill Creek to Windy Hill Dr (NS)	2,545	1,180	7,500		1,100						80				10	3	9	8										96			
		1c	NC 8 Germanton Road	Windy Hill Dr (NS) to Pvmnt Jt After Rock Spring Dr (NS)	5,358		5,258																									33			
TOTAL FOR MAP NO. 1					20,245	1,880	20,816	20	1,200	0	0	0			190				12	0	14	6	10	8	0	0	0	0	0	0	0	205			
		2	NC 66 Old Hollow Road	Pvmt Jt After Island at SR 4000 (University Parkway) to Winston-Salem NCL (Just Before SR 2207 - Old Rural Hall Rd). Do Not Include New Section Either Side of NC 8 (Germanton Rd)	20,670	320	2,200		120						80				8													127			
TOTAL FOR WORK ORDER NO. 9CR.10341.5					40,915	2,200	23,016	20	1,320	0	0	0			270				12	0	22	6	10	8	0	0	0	0	0	0	0	332			
						25,216		1,340								12			46					0			0								
9CR.20341.5	Forsyth	3	SR 1528 EB North Point Boulevard	From and Include Intersection SR 1681 (Bethania Rd) to Pvmt Jt at and Do Not Include Intersection SR 4000 (University Parkway)		2,332								100	8				8		7	2			2,332			100							
		4	SR 1528 WB North Point Boulevard	Pvmt Jt at But Do Not Include Intersection SR 4000 (University Pkwy) to and Include Intersection SR 1681 (Bethabra Rd)		1,560		380						40						7	4	6			1,560		40	7	6	4					
		5	SR 1528 North Point Boulevard	From and Include Intersection of SR 1725 (Cherry St) to Pvmt Jt at McDonald's Restaurant		1,660	8,000							110						21	2	2													
		6	SR 2640 Whicker Road	SR 2643 (Union Cross Rd) to End of Maintenance	9,211	80	9,039							40						2	1														
		7a	SR 1634 Moore - RJR Drive	From and Include Intersection SR 1491 (Moore Rd) to Pt. Apprx 100 Feet West of Bridge 428 over US 52	1,584	120	2,944		200											3					5,600	2,944				3	28				
		7b	SR 1634 Moore - RJR Drive	Ramp to US 52 Northbound - Curb Section	223	10	223																												
		7c	SR 1634 Moore - RJR Drive	Ramp to US 52 Northbound From Curb Section to Nova Chip Pvmt Jt	1,018		1,018																												
		7d	SR 1634 Moore - RJR Drive	Ramp From US 52 Northbound	700		700			180				10											700	700									
		7e	SR 1634 Moore - RJR Drive	From Pt. Apprx. 100 Feet West of Bridge 428 Over US 52 to Beginning of Divided Roadway	675	190	1,374		80											2		4													
		7f	SR 1634 Moore - RJR Drive	Westbound Divided Drive to Pvmt Jt at RJR Entrance	574	130																													
		7g	SR 1634 Moore - RJR Drive	Eastbound Divided Drive from Pvmt Jt at RJR Entrance to End of Divided Roadway		116		330															1												
		7h	SR 1634 Moore - RJR Drive	Ramp to Southbound US 52 From Pvmt Jt at RJR Entrance	2,000		1,930	400					50																						
		7i	SR 1634 Moore - RJR Drive	Ramp From Southbound US 52	1,170	20	1,170			40			20																						
TOTAL FOR MAP NO. 7					7,944	586	9,359	730	80	420	50	30								5		5			6,300	3,644				3	28				
		8	SR 1525 Yadkinville Road	Pvmt Jt at SR 1308 (Lewisville-Vienna Rd) to Pvmt Jt at SR 1305 (Conrad Rd)	27,578	150	29,303		370					12																					
		9	SR 1962 Kernersville Road	Pvmt Jt at NC 65 to EOP of US 158 (This is Additional Overlay)	18,206	20	17,868																												
		10	SR 1305 Conrad Road	Pvmt Jt at Lewisville City Limit to SR 1001 (Shallowford Rd)	17,593		17,266																												
		11	SR 2679 Glenn Hi Road	EOP of SR 1003 (High Point Rd) to Pvmt Jt Near Nottingham Dr (NS)	22,424	600	24,297		540											4			2												
		12	SR 1611 Main Street	SR 1794 (High Cliffs Rd) to Pvmt Jt Before Brick Pvmt at SR 4002 (Bethania-Rural Hall Rd)	6,983	50	6,853																												
		13	SR 1437 Chickasha Road	Pvmt Jt at SR 1525 (Yadkinville Rd) to Pvmt Jt at SR 1348 (Robinhood Rd)	15,968	20	15,671							190																					
		14	SR 2692 Guntree Road	Davidson Co Line to EOP of SR 2691 (Wallburg Rd)	13,536	70	13,284							20																					
		15	SR 2691 Wallburg Road	Davidson Co Line to Pvmt Jt Apprx 720 Ft Past SR 2690 (Sherie Weavil Rd)	10,975	310	12,855		170					42											3										
		16	SR 1171 Conrad Church Road	Pvmt Jt at Senoa Dr (NS) to SR 1166 (Styers Ferry Rd)	13,020	110	12,778																												
		17	SR 2743 Old Lexington Road	From Bridge 82 Over Fiddler Creek to and Include Intersection of SR 2758 (Barnes Rd)	8,694	310	11,567							14											2										
		18	SR 3210 Transou / Skylark Roads	Pvmt Jt at SR 1525 (Yadkinville Rd) to Pvmt Jt at NC 67 (Reynolda Rd) Do Not Pave Over Newer Pvmt Turn Lane Section at School	13,407	20	13,158																												
		19a	SR 1001 Shallowford Road	Pvmt Jt at Sims Dr (NS) to Beginning of 3-Lane C&G Section, Do Not Pave Over New Pavement Section at Shallowford Reserve Subdivision	20,498	100	22,141		300					12										2											
		19b	SR 1001 Shallowford Road	From Beginning of 3-Lane C&G Section to Pvmt Jt East of Great Wagon Rd	710	290	4,158		310															7											
TOTAL FOR MAP NO. 19					21,208	390	26,299	0	610	0	0	0	12	0	0	9	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	
TOTAL FOR WORK ORDER NO. 9CR.20341.5					206,747	8,268	227,597	1,110	1,770	420	50	30	580	8	12	61	7	20	8	10,192	3,644	140	7	6	4	3	28								
						235,865		2,880						20					96					13,836		140			20						
GRAND TOTAL					247,662	10,468	250,613	1,130	3,090	420	50	30	850	20	12	83	13	30	16	10,192	3,644	140	7	6	4	3	360								
						261,081		4,220						32					142					13,836		20									

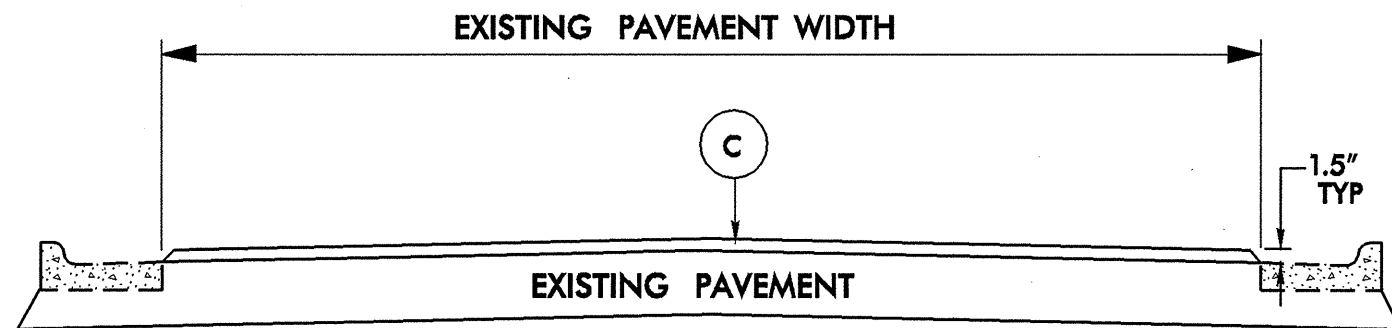
PLEASE NOTE: ALL QUANTITIES LISTED ARE ESTIMATES; PAYMENT WILL BE BASED ON ACTUAL FIELD MEASUREMENTS AND QUANTITIES RECEIVED.



TYPICAL SECTION NO. 1

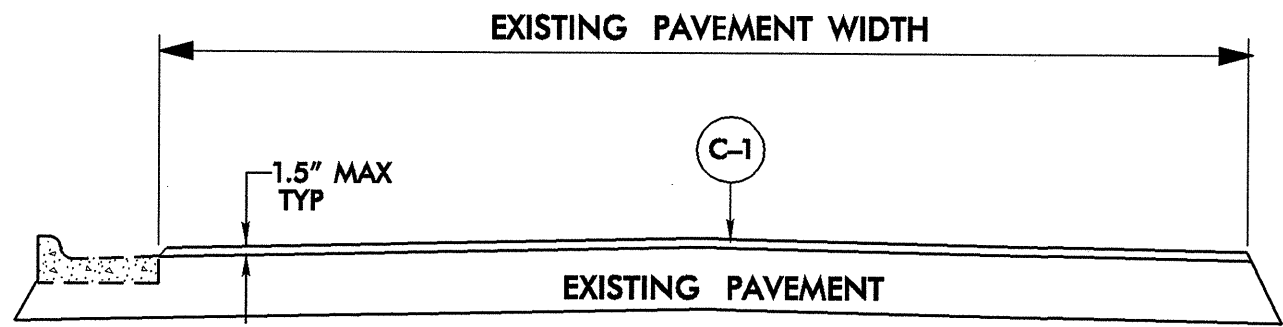


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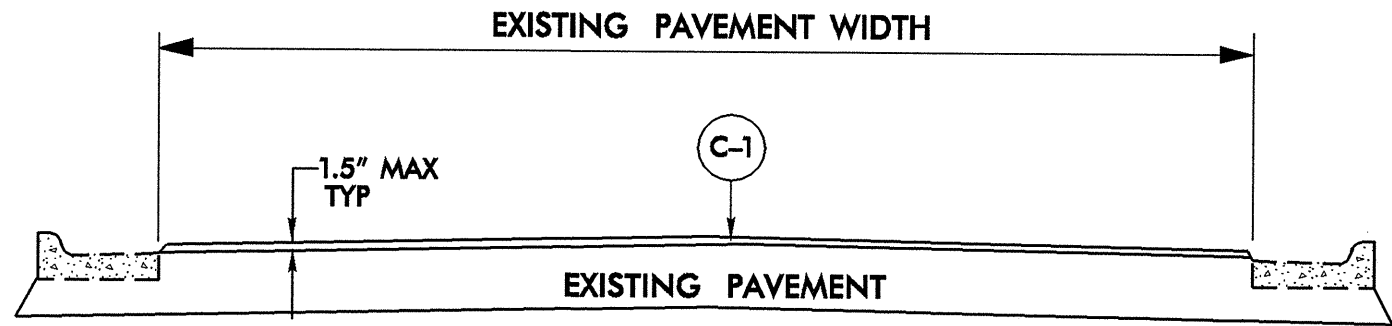


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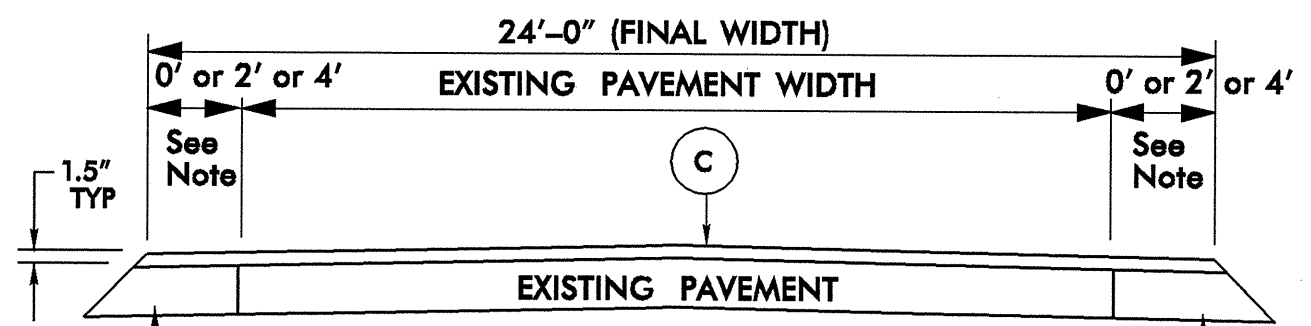
PAVEMENT SCHEDULE	
C	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, TO BE APPLIED AT AN AVERAGE RATE OF 168 LBS PER SQ YD
C-1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, TO BE APPLIED AT AN AVERAGE RATE OF 168 LBS PER SQ YD
D	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, TO BE APPLIED AT AN AVERAGE RATE OF 285 LBS PER SQ YD
E	PROP. APPROX. 5.5" ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, TO BE APPLIED AT A VARIABLE RATE OF 627 LBS PER SQ YD
E-1	PROP. APPROX. 5.5" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, TO BE APPLIED AT AN AVERAGE RATE OF 627 LBS PER SQ YD
Y	MILL ASPHALT PAVEMENT, 1.5" DEPTH
Y-1	MILL ASPHALT PAVEMENT, 9.5" DEPTH
Y-2	MILL ASPHALT PAVEMENT, 0" TO 1.5" DEPTH



TYPICAL SECTION NO. 4

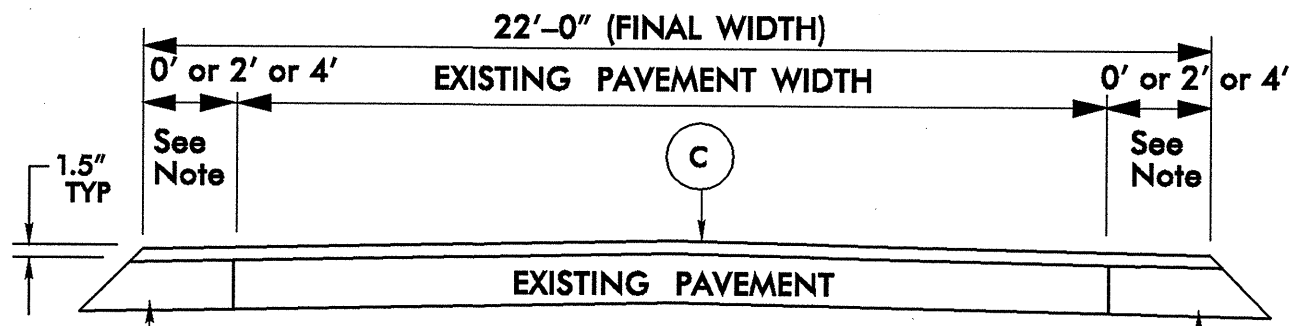


TYPICAL SECTION NO. 5



TYPICAL SECTION NO. 6

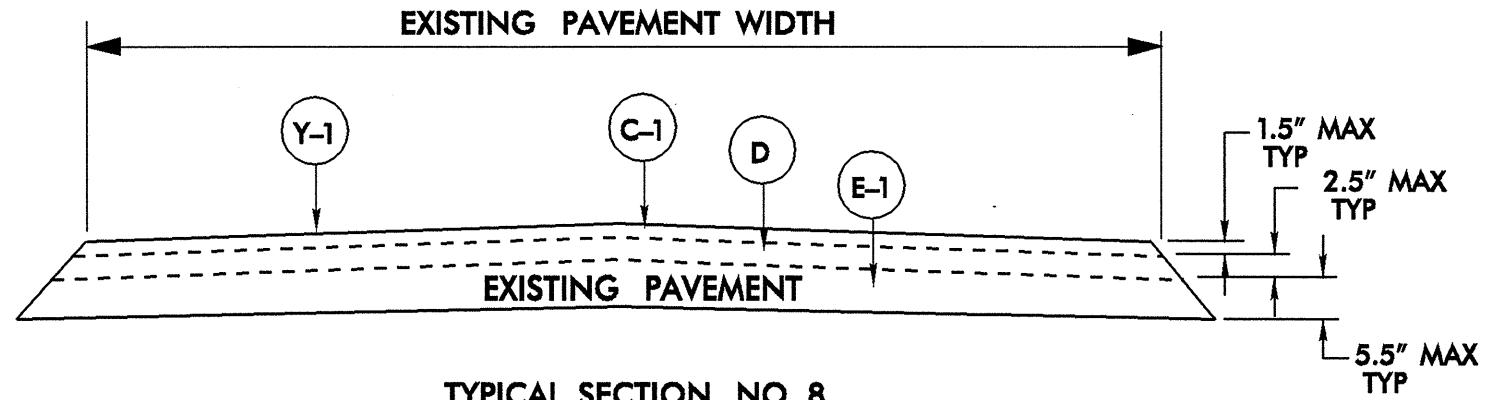
NOTE: EXISTING PAVEMENT WIDTH MAY NOT BE CONSISTENT. WIDENING MAY NEED TO BE ADJUSTED IN ORDER TO ACHIEVE FINAL WIDTH, SEE "NOTE TO CONTRACTOR" ON DETAIL SHEET (3 OF 3)



TYPICAL SECTION NO. 7

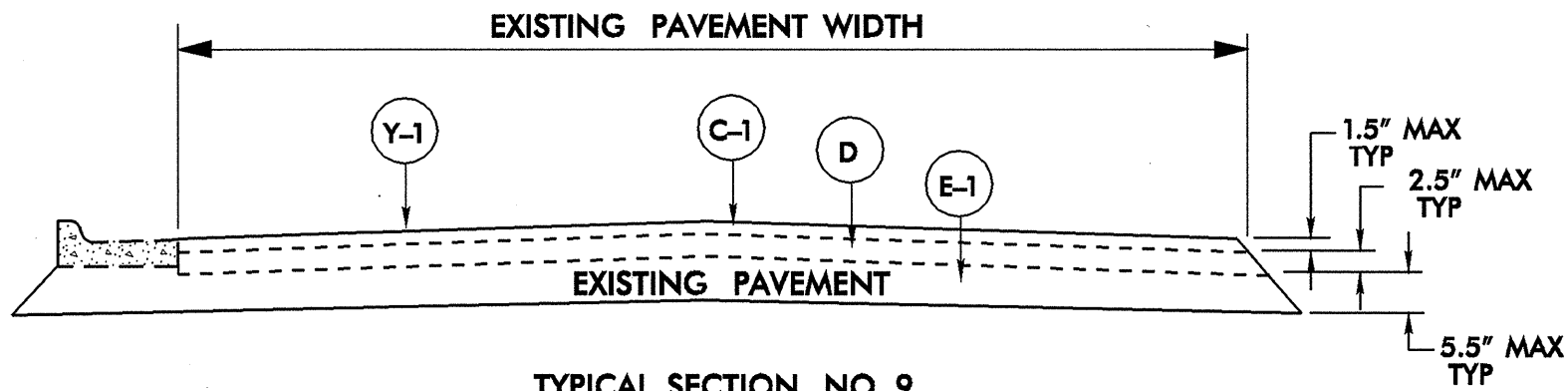
NOTE: EXISTING PAVEMENT WIDTH MAY NOT BE CONSISTENT. WIDENING MAY NEED TO BE ADJUSTED IN ORDER TO ACHIEVE FINAL WIDTH, SEE "NOTE TO CONTRACTOR" ON DETAIL SHEET (3 OF 3)

9CR103415typ2.dgn



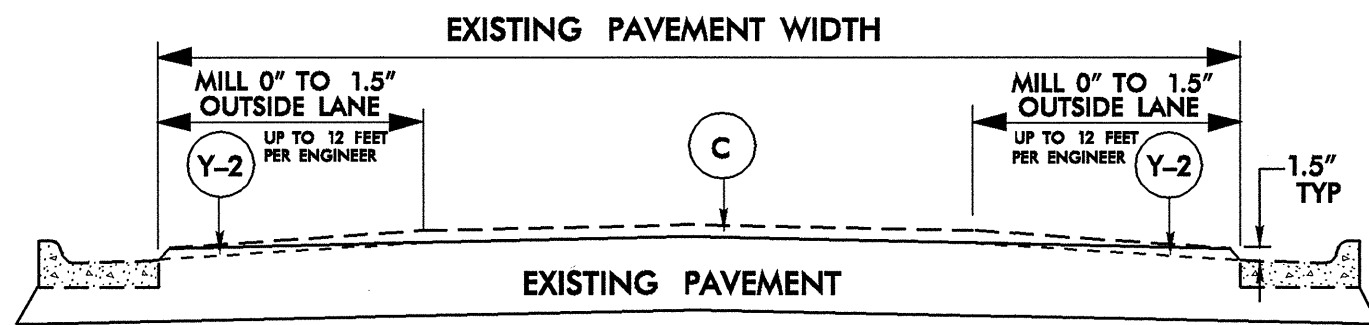
TYPICAL SECTION NO. 8

(MAPS 7a & 7d)

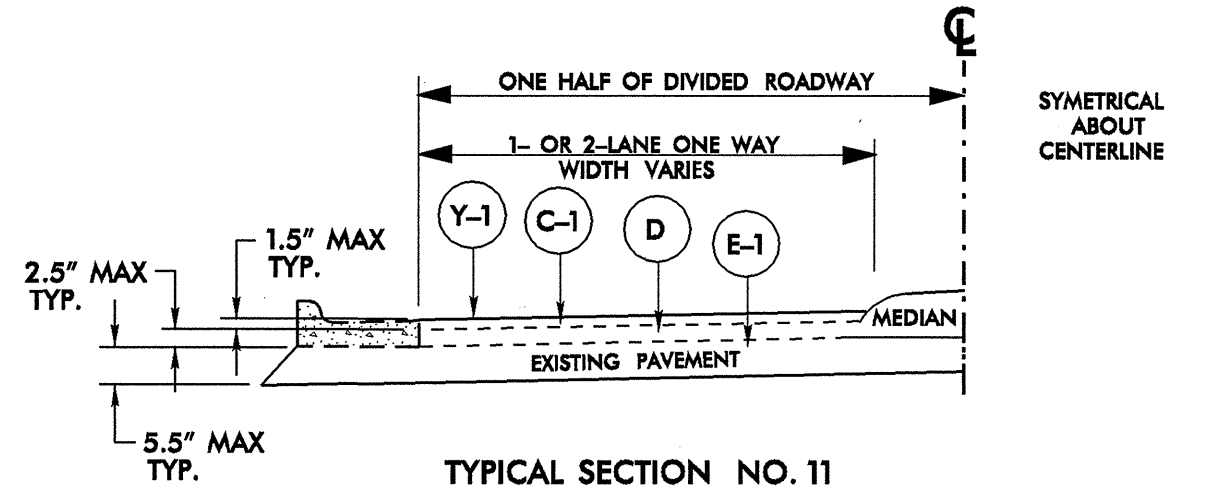


TYPICAL SECTION NO. 9

(MAPS 7a & 7d)



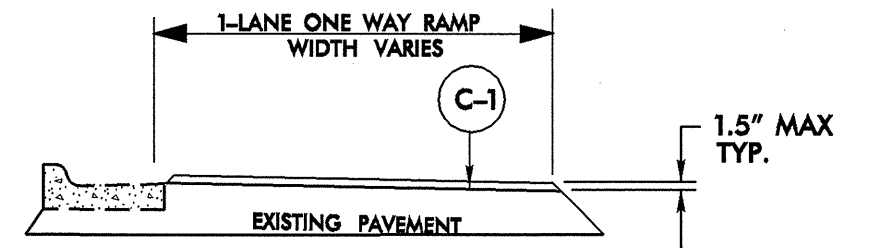
TYPICAL SECTION NO. 10



TYPICAL SECTION NO. 11

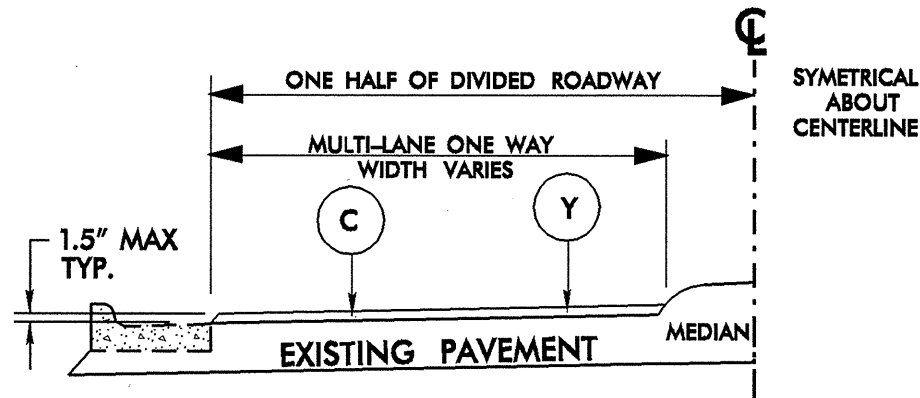
(MAP 7d)

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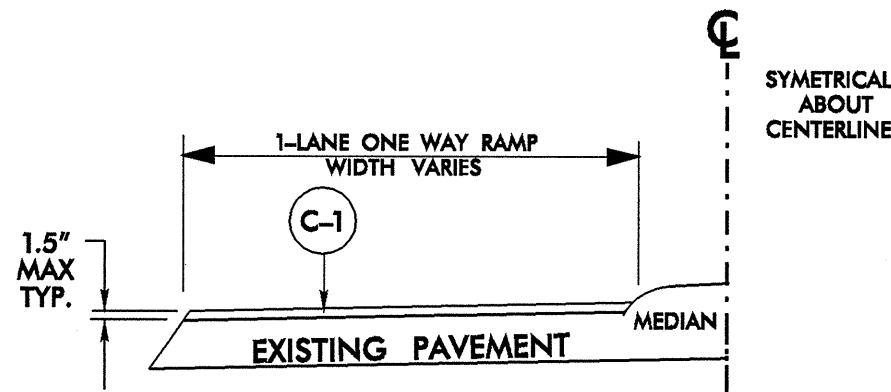


TYPICAL SECTION NO. 12

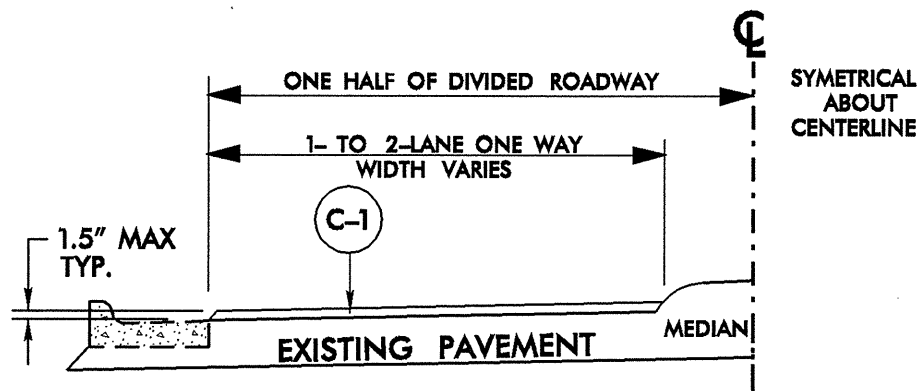
(MAP 7h)



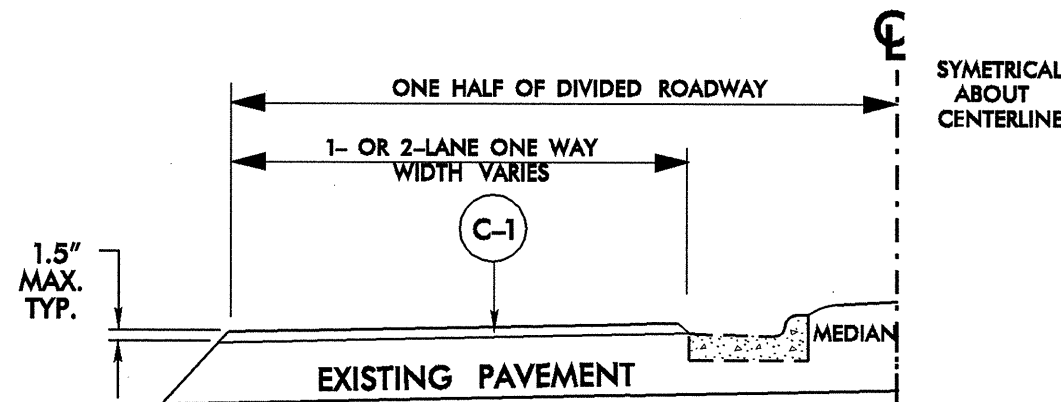
TYPICAL SECTION NO. 13



TYPICAL SECTION NO. 14



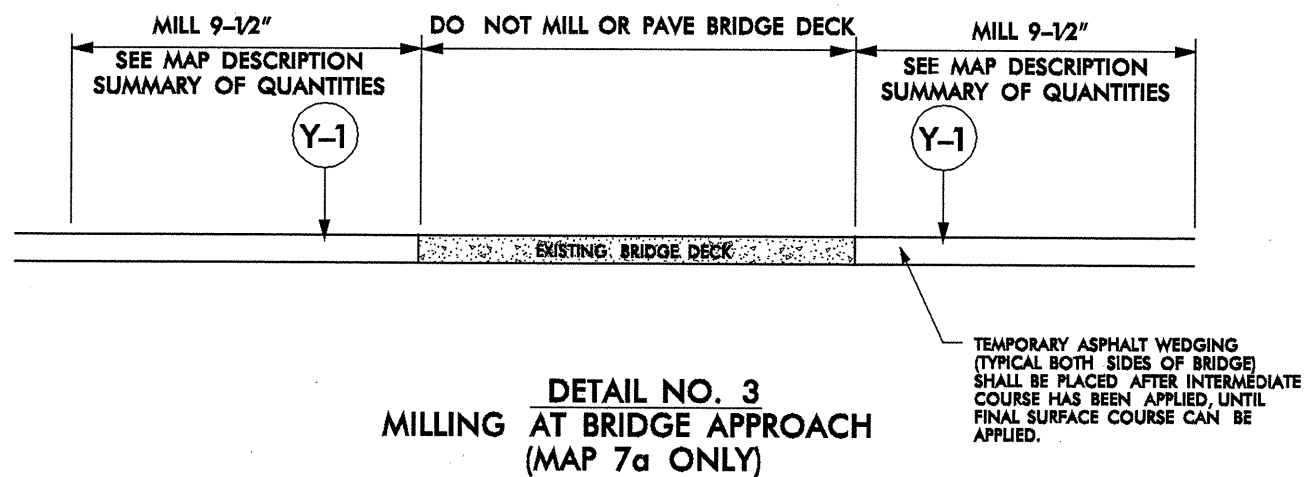
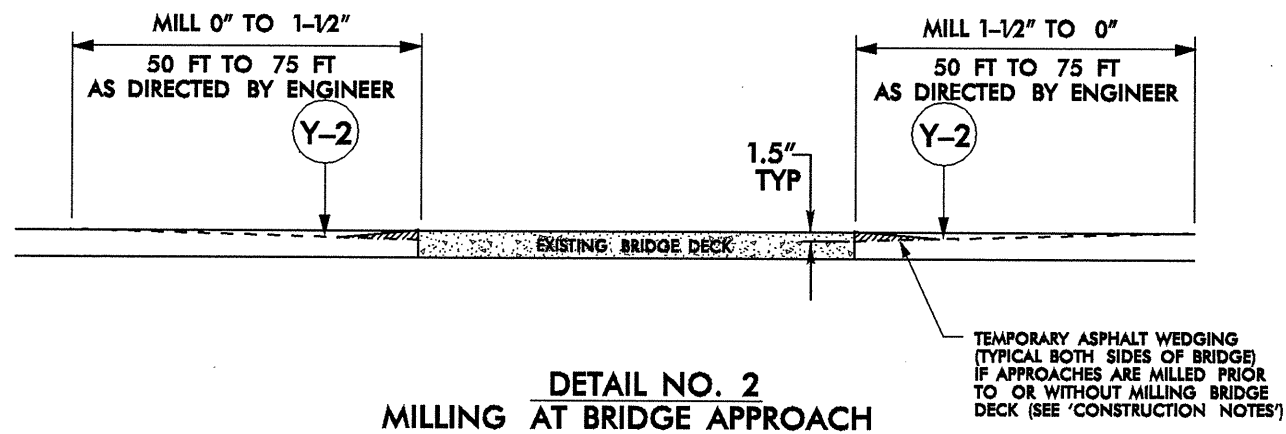
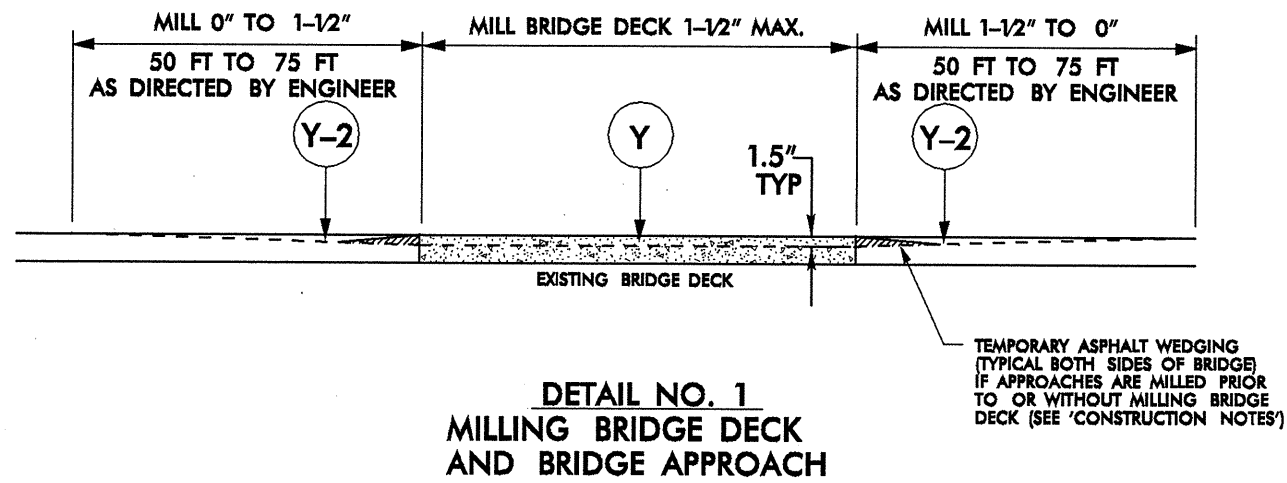
TYPICAL SECTION NO. 15

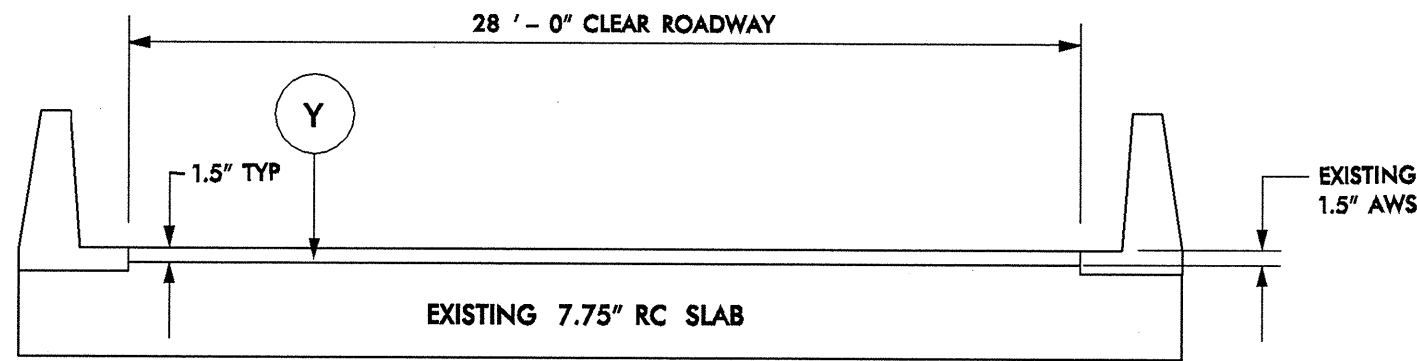


TYPICAL SECTION NO. 16

CONSTRUCTION NOTES

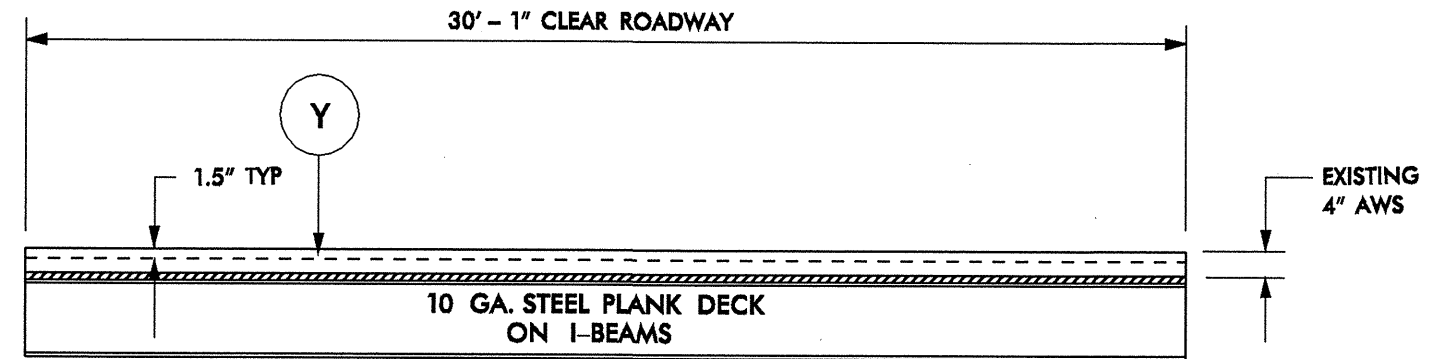
1. EDGES, PAVEMENT WIDENINGS, INTERSECTIONS, AND BRIDGE FLARES ARE INCLUDED IN THE CONTRACT PRICE AND THE ESTIMATED QUANTITIES INDICATED IN THE "SUMMARY OF QUANTITIES".
2. CONSTRUCTION SHALL PROGRESS IN PHASES, IN THE ORDER INDICATED BELOW:
 PHASE 1 - MILLING (WHEN REQUIRED)
 PHASE 2 - LEVELING (AS DIRECTED BY THE ENGINEER)
 PHASE 3 - SHOULDER RECONSTRUCTION (ALL WIDENING)
 PHASE 4 - SURFACE OVERLAY
 PHASE 5 - UTILITY ADJUSTMENTS (MANHOLE RING/COVER, VALVE/METER BOX RING/COVER, CATCH BASIN GRATE/COVER, DROP INLET GRATE/COVER, ETC.) WHEN REQUIRED.
3. BRIDGES TO BE RESURFACED (SEE 2007 BRIDGE DATA LISTING) THAT HAVE FLOOR DRAINS, SHALL HAVE ALL FLOOR DRAINS LEFT OPEN. EXTRA CARE SHALL BE EXERCISED IN MILLING (IF REQUIRED) AND IN PLACING THE WEARING SURFACE AROUND FLOOR DRAINS SO AS NOT TO HINDER EFFECTIVE DRAINAGE.
4. TEMPORARY ASPHALT WEDGING SHALL BE PLACED ON THE SAME DAY THAT BRIDGE AND/OR RAILROAD CROSSING APPROACHES ARE MILLED (AND IF BRIDGE APPROACHES ARE MILLED PRIOR TO OR WITHOUT MILLING BRIDGE DECK).
5. ON MAPS WHERE LEVELING IS INDICATED (SEE SUMMARY OF QUANTITIES), EITHER FOR RIDEABILITY OR TO RE-ESTABLISH THE CROWN, QUANTITY AND LOCATION OF SUCH LEVELING SHALL BE AT THE DISCRETION OF THE ENGINEER.
6. FOR TWO-LANE UNDIVIDED ROADWAYS - IT SHALL BE UNDERSTOOD THAT TYPICALLY ON A ROADWAY MEASURING 20 FEET OR LESS IN WIDTH, THE CENTER OF THE WHITE EDGELINE SHALL BE LOCATED SIX INCHES FROM THE EDGE OF PAVEMENT ON EITHER SIDE OF THE ROADWAY; ON A ROADWAY MEASURING 22 FEET IN WIDTH, TRAVEL LANES SHALL MEASURE 10 FEET AND THE CENTER OF THE WHITE EDGELINE SHALL BE LOCATED ONE FOOT FROM THE EDGE OF PAVEMENT ON EITHER SIDE; ON A ROADWAY MEASURING 24 FEET IN WIDTH, TRAVEL LANES SHALL MEASURE 11 FEET AND THE CENTER OF THE WHITE EDGELINE SHALL BE LOCATED ONE FOOT FROM THE EDGE OF PAVEMENT ON EITHER SIDE; ON A ROADWAY MEASURING 26 FEET OR MORE IN WIDTH, TRAVEL LANES SHALL MEASURE 12 FEET AND THE CENTER OF THE WHITE EDGELINE SHALL BE LOCATED A MINIMUM OF ONE FOOT FROM THE EDGE OF PAVEMENT ON EITHER SIDE. THIS SHALL BE STANDARD PRACTICE UNLESS OTHERWISE DIRECTED BY THE ENGINEER.





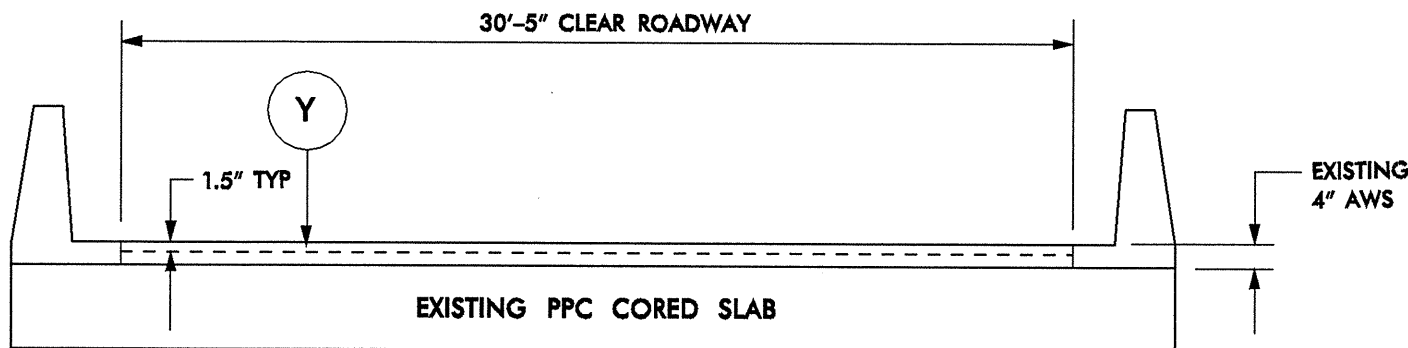
DETAIL NO. 4

Map No. 1, NC 8, Bridge No. 48
 See "2007 Bridge Data Listing" Below
 For More Information



DETAIL NO. 6

Map No. 12, SR 1611, Bridge No. 16
 POSTED BRIDGE: SV 20 TTST 24
 See "2007 Bridge Data Listing" Below
 For More Information

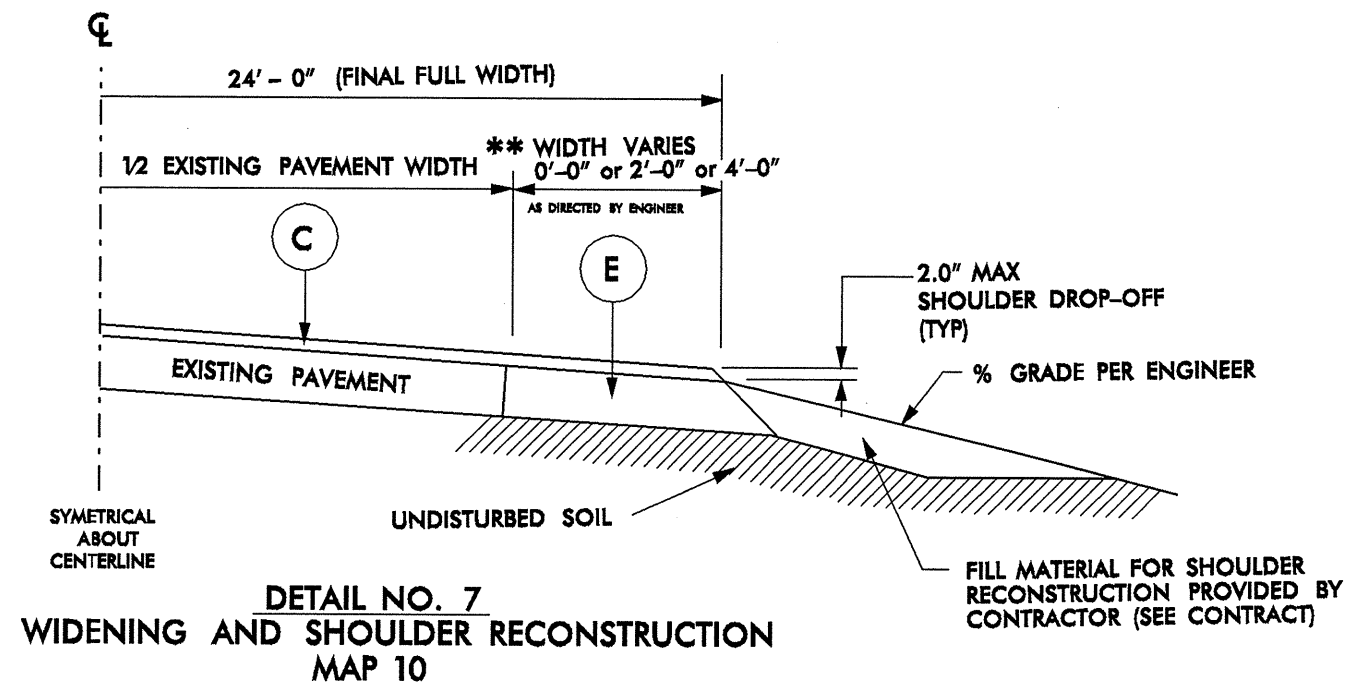


DETAIL NO. 5

Map 1, NC 8, Bridge No. 103
 See "2007 Bridge Data Listing" Below
 For More Information

FORSYTH COUNTY
 2007 BRIDGE DATA LISTING

Map No.	Route No.	Route Name	Bridge No.	Feature Intersected	Floor Construction	Clear Roadway Width	Bridge Length	Vertical (Overhead) Clearance	Posting	Recommended Treatment (Per Bridge Maintenance)
1	NC 8	Germanton Road	48	US 52	7-3/4" RC Slab 1-1/2" AWS	28 Ft	293 Ft	n/a	n/a	Mill Bridge Deck 1.5" MAX; Pave Per Contract Mill Approaches For Proper Tie In
1	NC 8	Germanton Road	103	Mill Creek	PPCCS 4" AWS	30 Ft 5 In	107 Ft	n/a	n/a	Mill Bridge Deck 1.5"; Pave Per Contract Mill Approaches For Proper Tie In
7	SR 1634	Moore - RJR Drive	428	US 52	3-1/2" PPC 4-3/4" RC	42 Ft	220 Ft	n/a	n/a	DO NOT PAVE BRIDGE DECK; Mill Approaches Per Contract
12	SR 1611	Main Street (Bethania)	16	Muddy Creek	10 Ga. Stl. Plank 4" AWS	30 Ft 1 In	121 Ft	n/a	SV 20 TTST 24	Mill Bridge Deck 1.5"; Pave Per Contract Mill Approaches For Proper Tie In
17	SR 2743	Old Lexington Road	82	Fiddler Creek	4-1/2" RC 3-1/2" PPC	30 Ft	158 Ft	n/a	n/a	DO NOT PAVE BRIDGE DECK; Mill Approaches For Proper Tie In

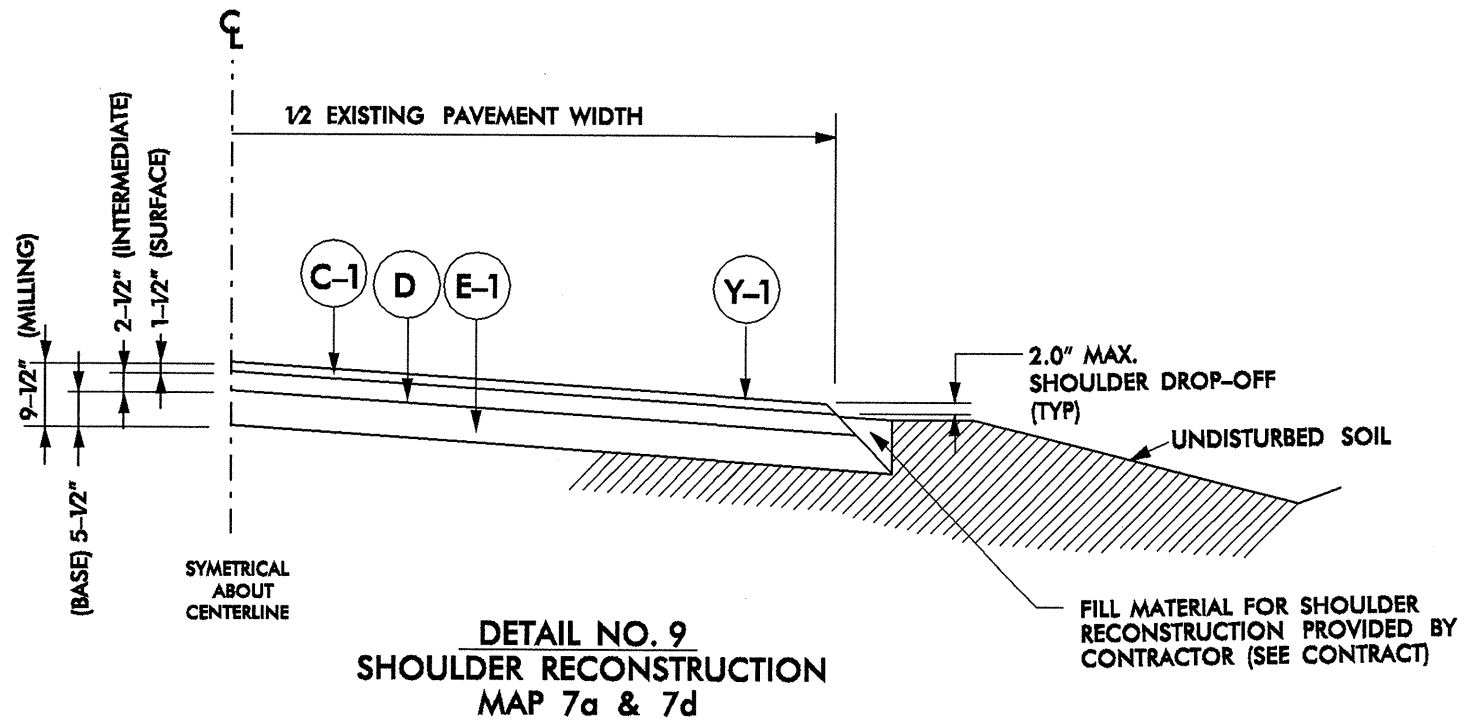
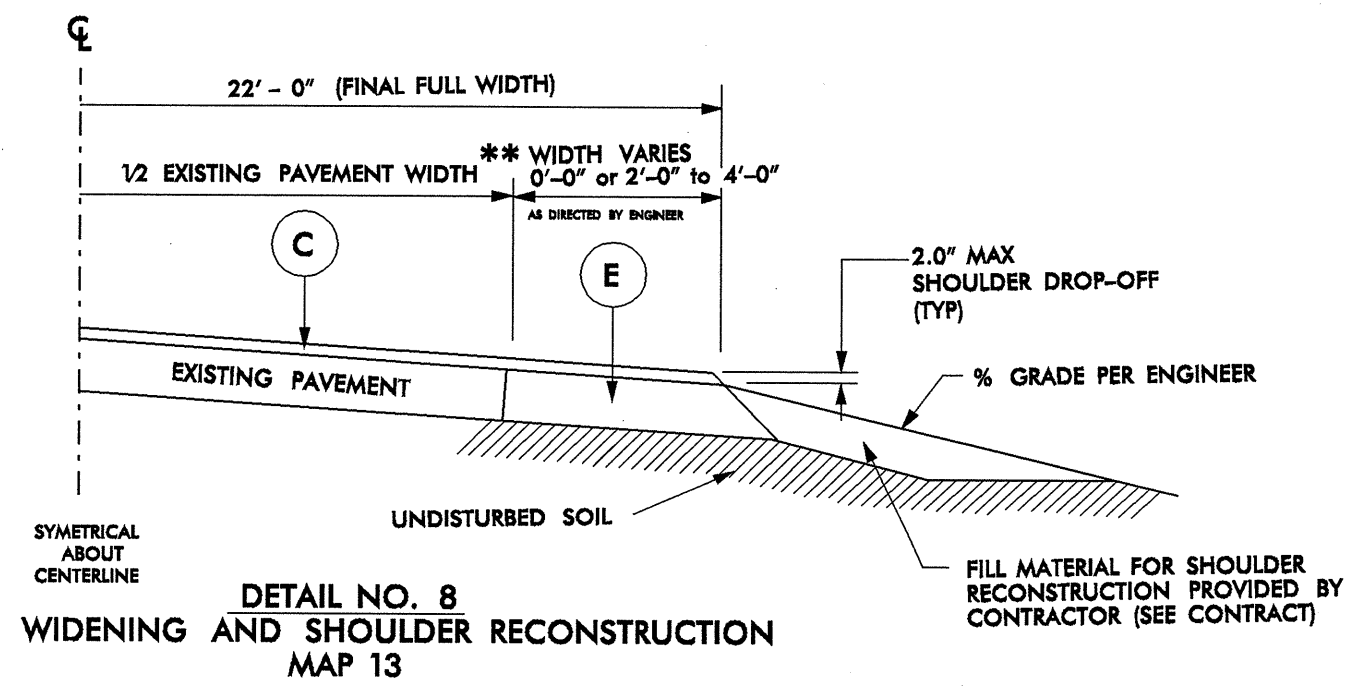


**** NOTE TO CONTRACTOR**

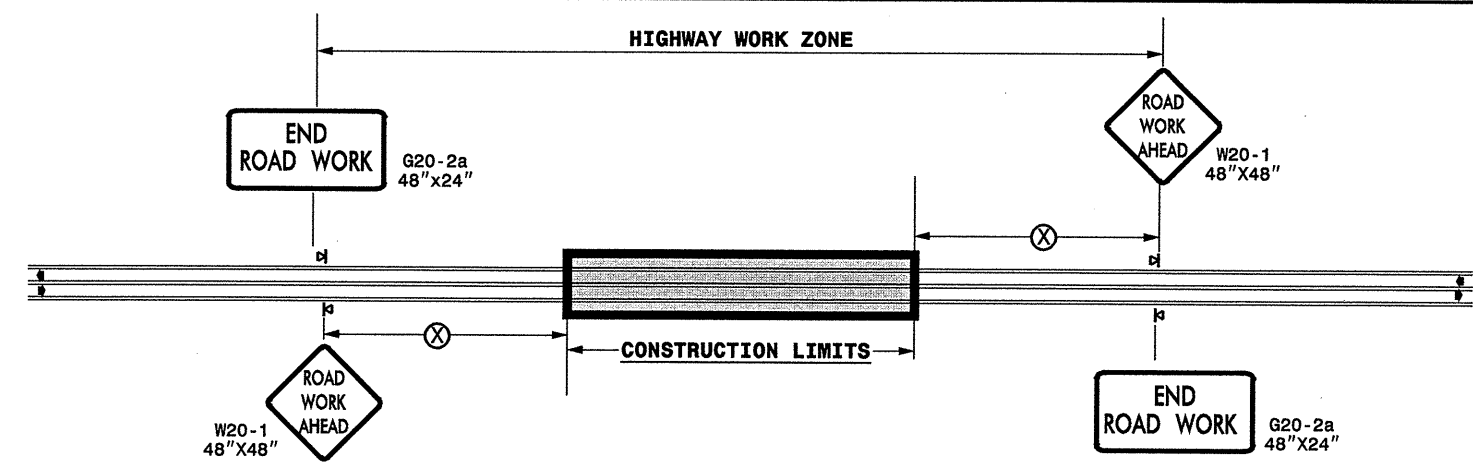
IT IS STRONGLY RECOMMENDED THAT WIDENING NOT BE PLACED AT LESS THAN TWO FOOT WIDTHS, AS IT IS VERY DIFFICULT TO ACHIEVE PROPER COMPACTION AT SUCH WIDTHS.

DEPENDING ON FIELD CONDITIONS, THE ENGINEER MAY REQUIRE THE CONTRACTOR TO DISTRIBUTE THE PROPOSED WIDENING ON EITHER SIDE OR BOTH SIDES OF THE EXISTING PAVEMENT.

FOR INSTANCE, A MAP WITH 2 TO 3 FOOT PROPOSED WIDENING WILL BE REQUIRED TO DISTRIBUTE WIDENING TO ONE SIDE OF THE EXISTING PAVEMENT ONLY, MOST LIKELY THE INSIDE OF A CURVE - IF POSSIBLE. WHEREAS, A MAP WITH PROPOSED WIDENING OF 4 FOOT OR MORE MAY BE DIRECTED BY THE ENGINEER TO DISTRIBUTE THE WIDENING IN INCREMENTS OF 2 FOOT OR MORE ON BOTH SIDES, OR TO PLACE ALL OF THE WIDENING ON ONE SIDE, OF THE EXISTING PAVEMENT, AS FIELD CONDITIONS REQUIRE.



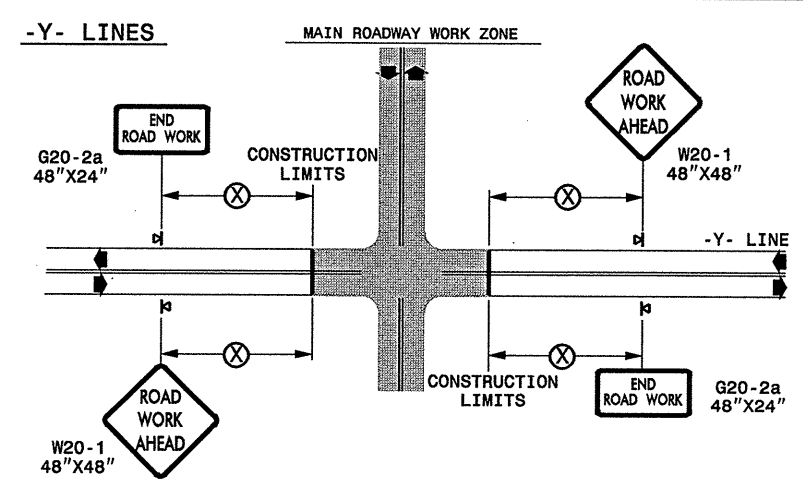
TWO-WAY UNDIVIDED ** (L-LINES)



POSTED SPEED LIMIT (M.P.H.)	RECOMMENDED MINIMUM SIGN SPACING
≤ 50	500'
≥ 55	1000'

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAYS INTERSECTING ALONG 2 WAY UNDIVIDED WORK ZONE (Y-LINES)



GENERAL NOTES

- USE FLUORESCENT ORANGE SHEETING (TYPE VII OR HIGHER) ON ALL ADVANCED WORK ZONE SIGNS.
- DO NOT INSTALL ADVANCE WARNING SIGNS MORE THAN 3 DAYS PRIOR TO BEGINNING OF WORK.
- ALL SIGN SPACING DIMENSIONS ARE APPROXIMATE, FIELD ADJUST AS NECESSARY OR AS DIRECTED.
- USE PORTABLE WORK ZONE SIGNS ONLY WITH PORTABLE WORK ZONE SIGN STANDS SPECIFICALLY DESIGNED FOR ONE ANOTHER. PORTABLE WORK ZONE SIGNS MAY BE ROLL UP OR APPROVED COMPOSITE.
- PROVIDE PORTABLE WORK ZONE SIGN STANDS, PORTABLE SIGNS AND SIGN SHEETING WHICH ARE LISTED ON THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION'S APPROVED PRODUCT LIST OR ACCEPTED AS TRAFFIC QUALIFIED BY THE TRAFFIC CONTROL UNIT.
- ** TWO-WAY UNDIVIDED ADVANCE WARNING SIGN CONFIGURATION MAY BE USED ON URBAN MULTI-LANE FACILITIES WHERE CONDITIONS LIMIT THE USE OF DUAL MOUNTED SIGNS AS DETERMINED BY THE ENGINEER.

LEGEND

◀ PORTABLE SIGN

➡ DIRECTION OF TRAFFIC FLOW

DETAIL DRAWING
FOR TWO-WAY UNDIVIDED
WORK ZONE WARNING SIGNS

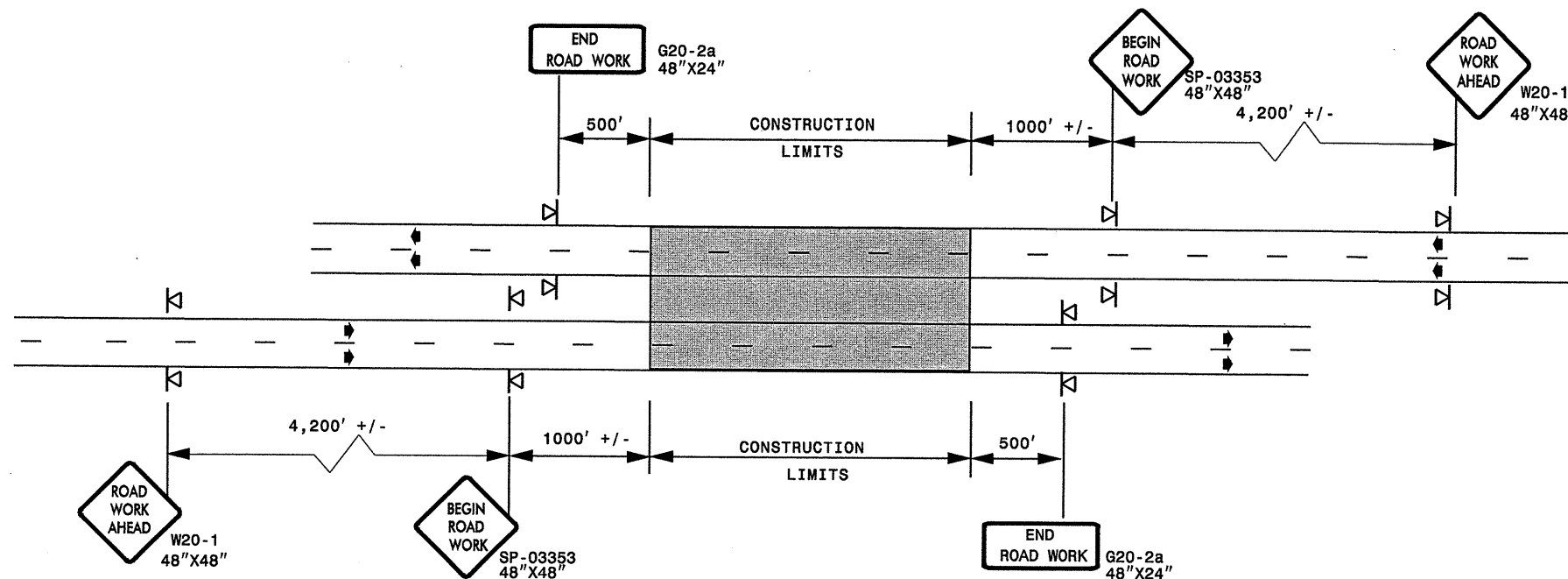
SHEET 1 OF 1

APPROVED: _____	DATE: _____	DETAIL DRAWING FOR TWO-WAY UNDIVIDED ADVANCED WORK ZONE WARNING SIGNS	
SEAL			
SCALE: NONE		REVISIONS	
DATE: _____		7-98	10/01
DESIGN BY: _____		10-98	03/04
REVIEWED BY: _____		01/01	11/04

08-NOV-2006 15:20 \\DOT\DFSR00101\GROUPS-WZTCCC\designgroup4\resurfacing\div09\9cr103415setfor\syth\9cr103415_2wayundivurbfr.wysjuly2006.dgn psey@more AT WZTCCC

ADVANCED WORK ZONE WARNING SIGNING FOR FREEWAYS (4 LANES OR GREATER)

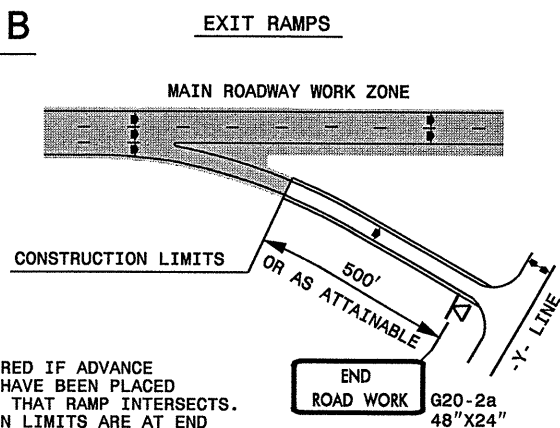
DETAIL A



STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

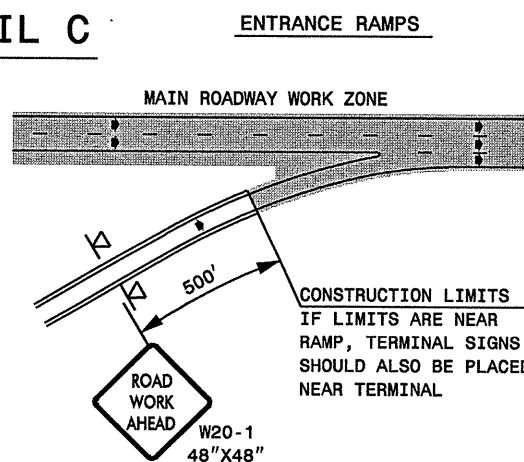
ROADWAYS INTERSECTING ALONG FREEWAY WORK ZONE (Y-LINES)

DETAIL B



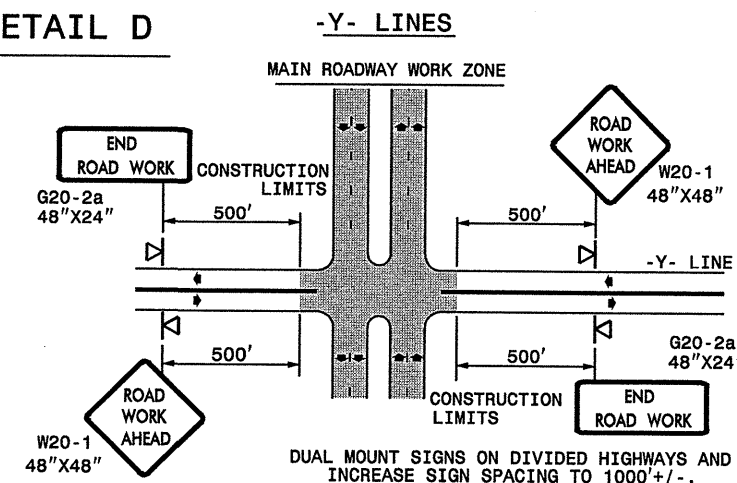
NOTE:
SIGN NOT REQUIRED IF ADVANCE
WARNING SIGNS HAVE BEEN PLACED
ALONG -Y- LINE THAT RAMP INTERSECTS.
IF CONSTRUCTION LIMITS ARE AT END
OF RAMP, PLACE SIGN AT END OF RAMP.

DETAIL C



CONSTRUCTION LIMITS
IF LIMITS ARE NEAR
RAMP, TERMINAL SIGNS
SHOULD ALSO BE PLACED
NEAR TERMINAL

DETAIL D



DUAL MOUNT SIGNS ON DIVIDED HIGHWAYS AND
INCREASE SIGN SPACING TO 1000'+/-.

**DETAIL DRAWING
FOR FREEWAYS
WORK ZONE WARNING SIGNS
(SHORT-DURATION LANE CLOSURES)**

GENERAL NOTES

- USE FLUORESCENT ORANGE SHEETING (TYPE VII OR HIGHER) ON ALL ADVANCED WORK ZONE SIGNS.
- DO NOT INSTALL ADVANCE WARNING SIGNS MORE THAN 3 DAYS PRIOR TO BEGINNING OF WORK.
- ALL SIGN SPACING DIMENSIONS ARE APPROXIMATE, FIELD ADJUST AS NECESSARY OR AS DIRECTED.
- USE PORTABLE WORK ZONE SIGNS ONLY WITH PORTABLE WORK ZONE SIGN STANDS SPECIFICALLY DESIGNED FOR ONE ANOTHER. PORTABLE WORK ZONE SIGNS MAY BE ROLL UP OR APPROVED COMPOSITE.
- PROVIDE PORTABLE WORK ZONE SIGN STANDS, PORTABLE SIGNS AND SIGN SHEETING WHICH ARE LISTED ON THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION'S APPROVED PRODUCT LIST OR ACCEPTED AS TRAFFIC QUALIFIED BY THE TRAFFIC CONTROL UNIT.
- ** TWO-WAY UNDIVIDED ADVANCE WARNING SIGN CONFIGURATION MAY BE USED ON MULTI-LANE FACILITIES WHERE CONDITIONS LIMIT THE USE OF DUAL MOUNTED SIGNS AS DETERMINED BY THE ENGINEER.

LEGEND

▣ PORTABLE SIGN

➔ DIRECTION OF TRAFFIC FLOW

SHEET 1 OF 1

APPROVED: _____	DATE: _____	DETAIL DRAWING FOR FREEWAYS WORK ZONE WARNING SIGNS	
SEAL	SCALE: NONE		REVISIONS
	DATE: _____		7-98 10/01
	DWG. BY: _____		10-98 03/04
	DESIGN BY: _____		01/01 11/04
REVIEWED BY: _____	DATE: _____	CADD FILE	

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SP 03353

SIGN NUMBER: SP-03353	BACKG COLOR: Fluorescent Orange	DESIGN BY: CL DOWNEY	CHECKED BY: CHECKED	STD #: W20-1
TYPE: A	COPY COLOR: Black	PROJECT ID: ALL PROJECTS	DIV: DIV	DATE: Aug 20, 2003
QUANTITY: 1				
SIGN WIDTH: 4'-0"				
HEIGHT: 4'-0"				
TOTAL AREA: 16.0 Sq.Ft.				
BORDER TYPE: FLUSH				
RECESS: 0.59"				
WIDTH: 0.75"				
RADII: 1.38"				
NO. Z BARS: N/A	MAT'L:			
LENGTH: N/A				

LETTER POSITIONS

Letter spacings are to start of next letter

	B	E	G	I	N	Series/Size			
	22.4	5.3	4.6	5.4	2.5	3.8	22.4		C7
	R	O	A	D					C7
	23.4	5	5.2	5.6	3.8		23.4		19.6
	W	O	R	K					C7
	22.8	6.4	5.6	5.2	4		22.8		21.2

Spacing Factor is 1 unless specified otherwise

FILENAME: SP03353.DWG

NORTH CAROLINA D.O.T. SIGN DETAIL

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

DETAIL DRAWING FOR
WORK ZONE SIGNS
BEGIN ROAD WORK

GENERAL NOTES FOR SIGN SP-03353 "BEGIN ROAD WORK"

- SIGN SP-03353 "BEGIN ROAD WORK" ONLY APPLIES TO FULL CONTROL AND PARTIAL CONTROL OF ACCESS ROADWAYS
- WHEN USED, INSTALL SIGN SP-03353 "BEGIN ROAD WORK" ACCORDING TO DETAIL FOR FREEWAY WORK ZONE SIGNS

APPROVED: _____ DATE: _____	DETAIL DRAWING FOR ADVANCED WORK ZONE WARNING SIGN DESIGNS		
SEAL 	SCALE: NONE	REVISIONS	
	DATE: 0803	0404	
	DESIGN BY:	1104	
	REVIEWED BY:		
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CADD FILE			

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