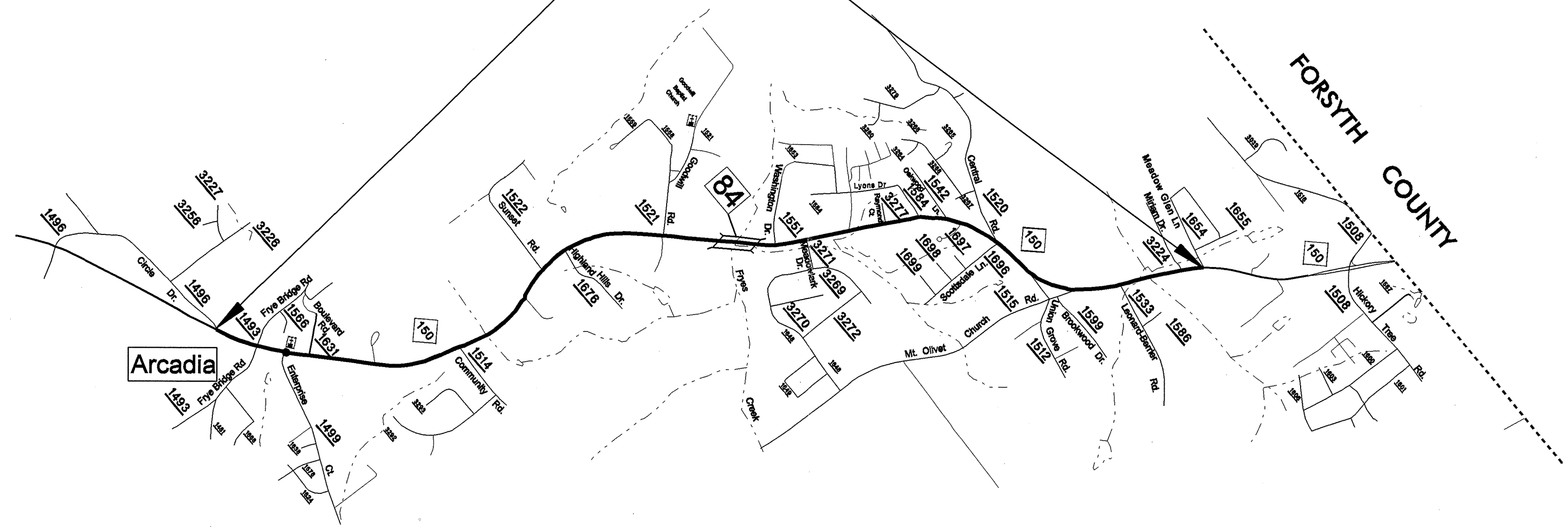


DAVIDSON COUNTY
NORTH CAROLINA

MAP
2

SHEET NO. 2 OF 14
DAVIDSON COUNTY
W.O. NOS. 9CR.10291.5 AND 9CR.20291.5
MAP LOCATION SHEET (2 OF 6)

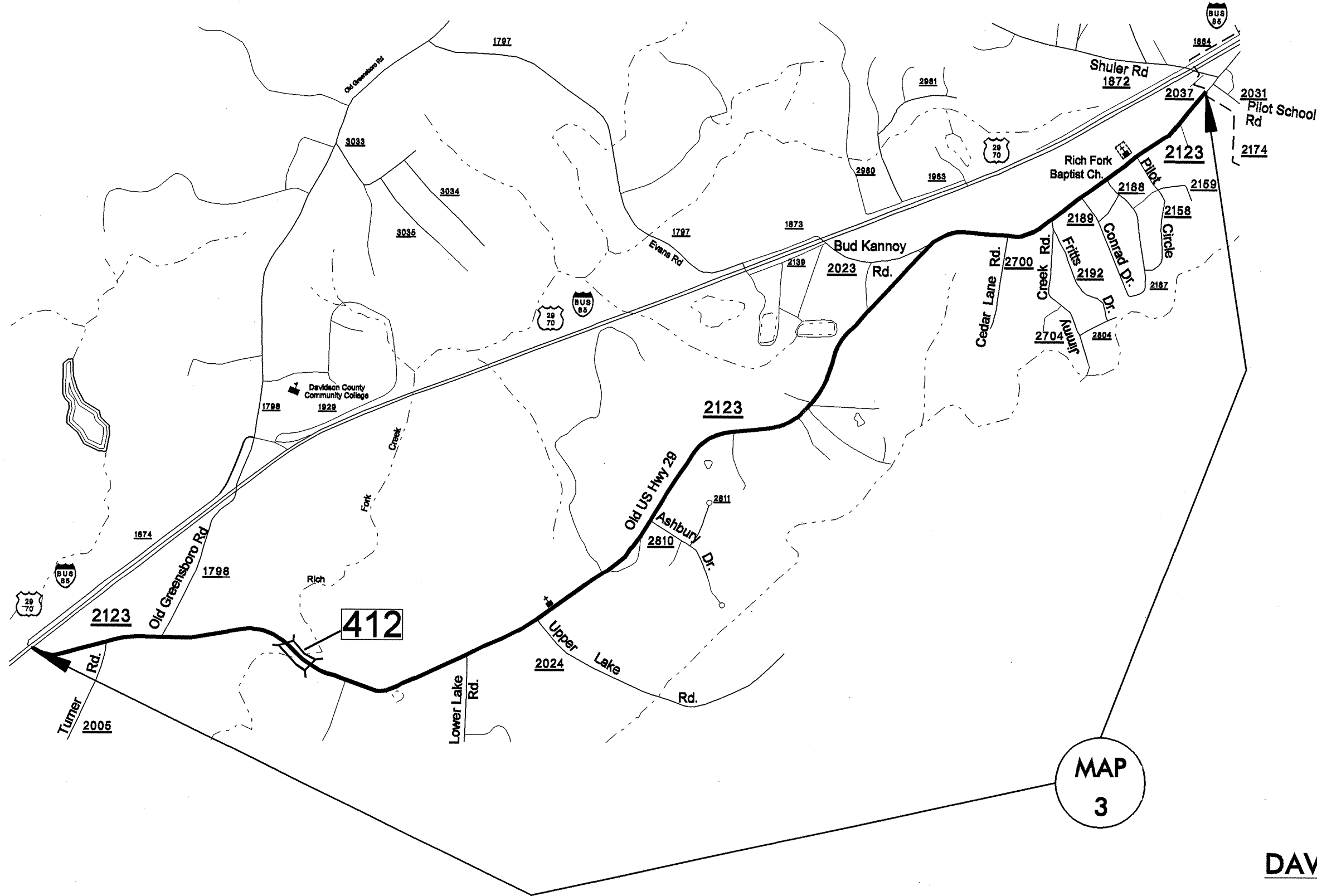


Arcadia

FORSYTH COUNTY

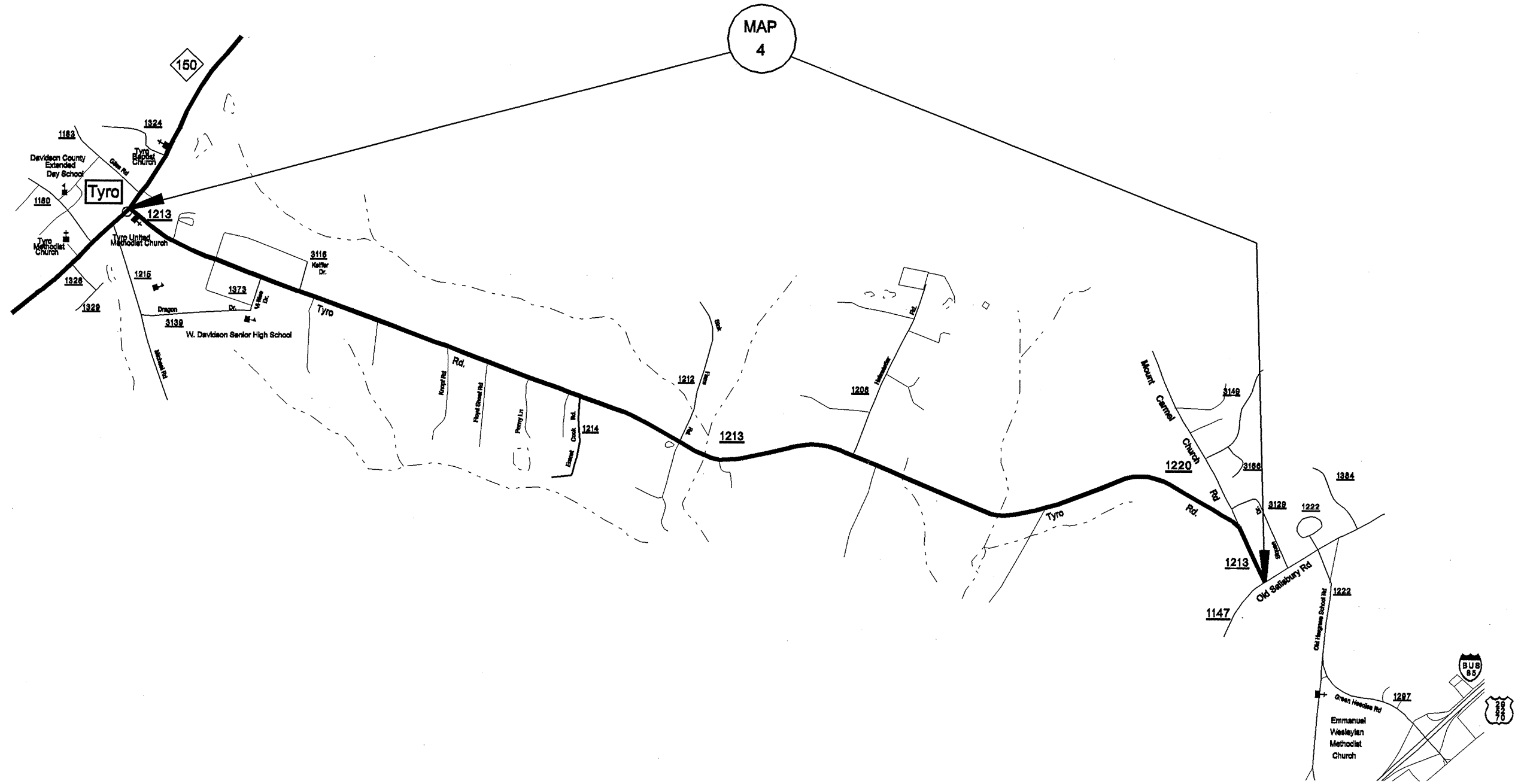
DAVIDSON COUNTY
NORTH CAROLINA

9CR102915map2.dgn



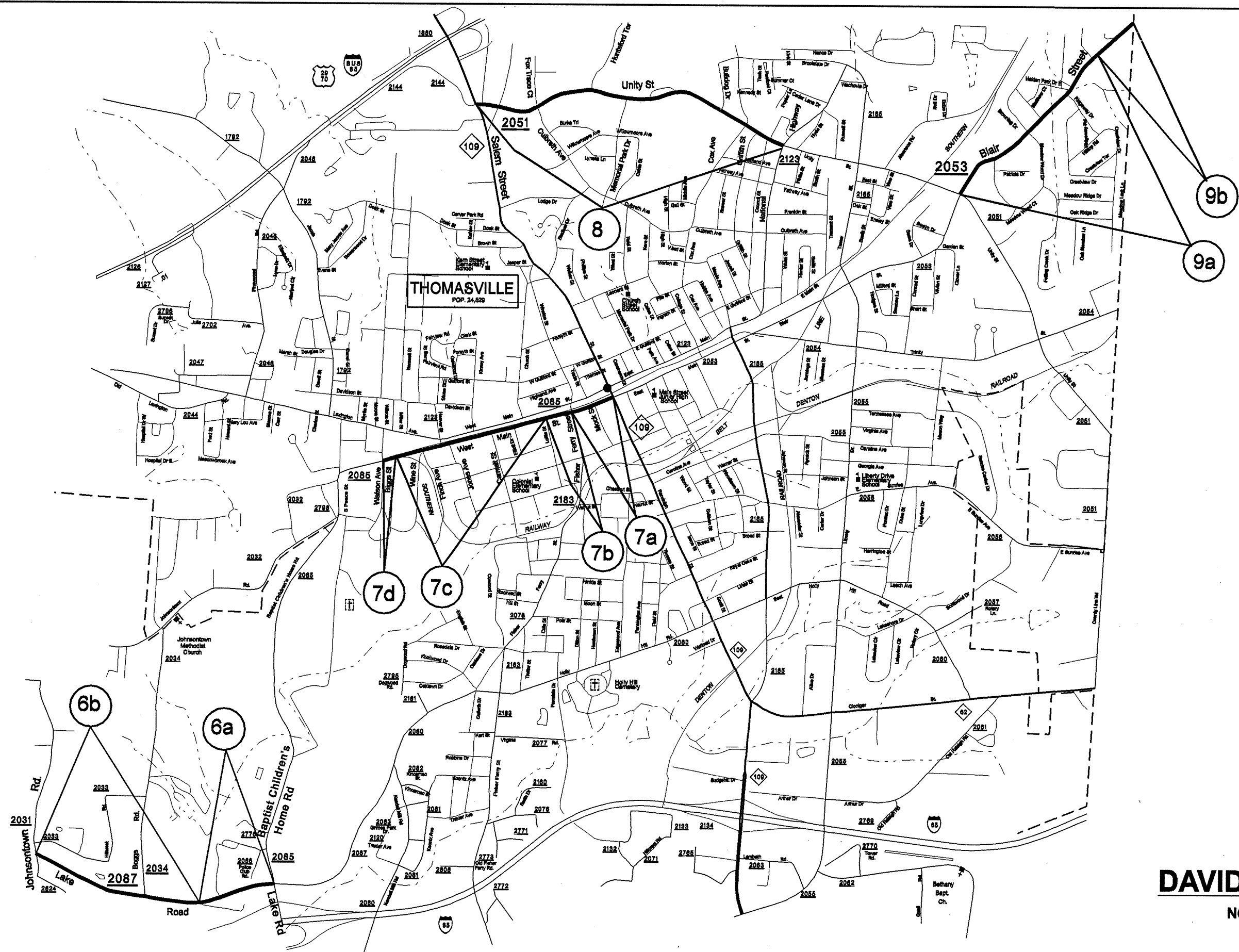
DAVIDSON COUNTY
NORTH CAROLINA

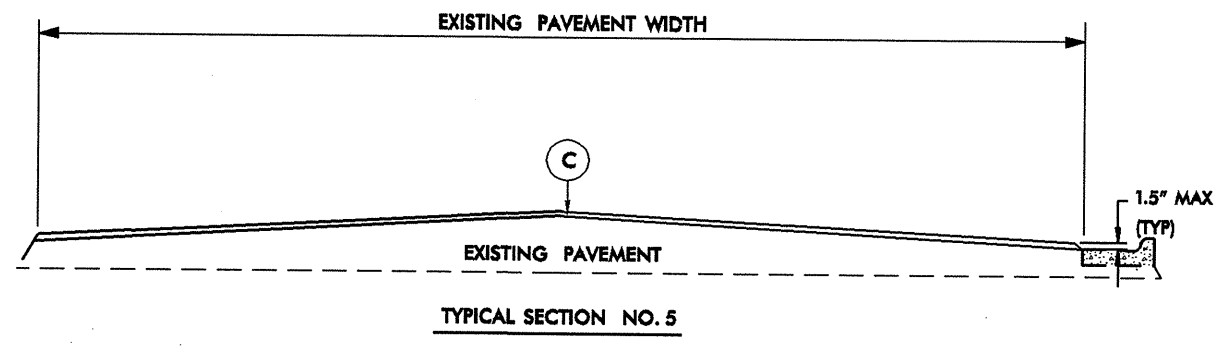
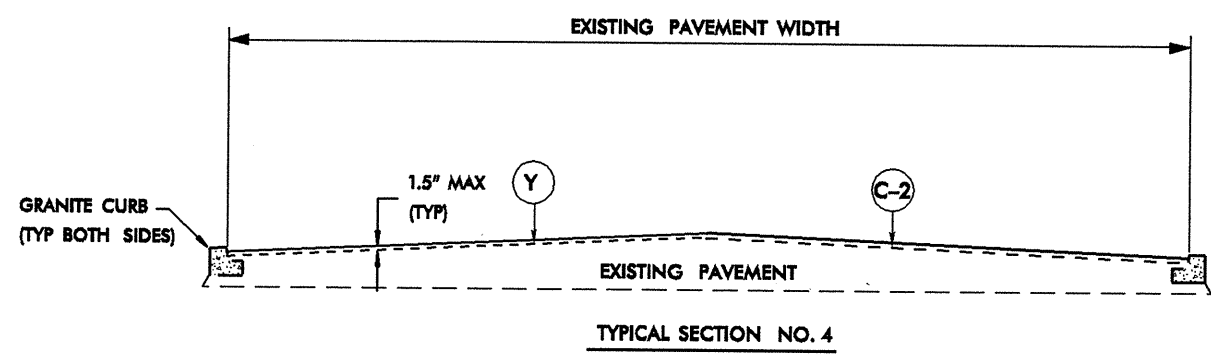
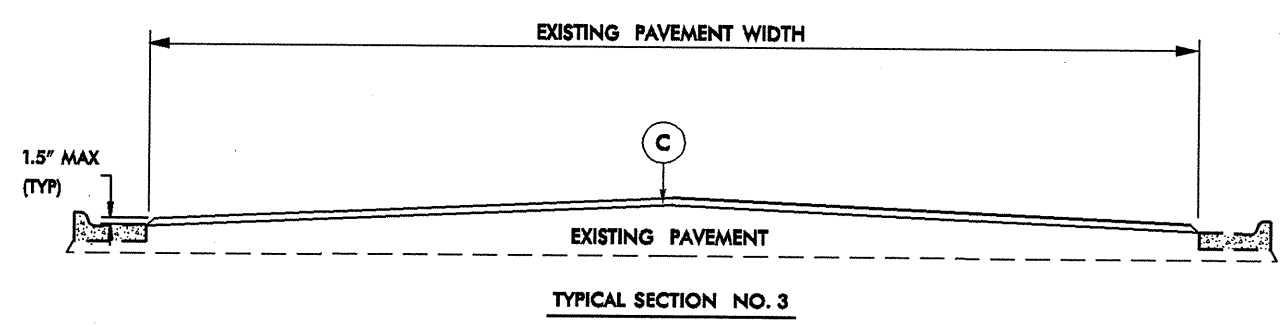
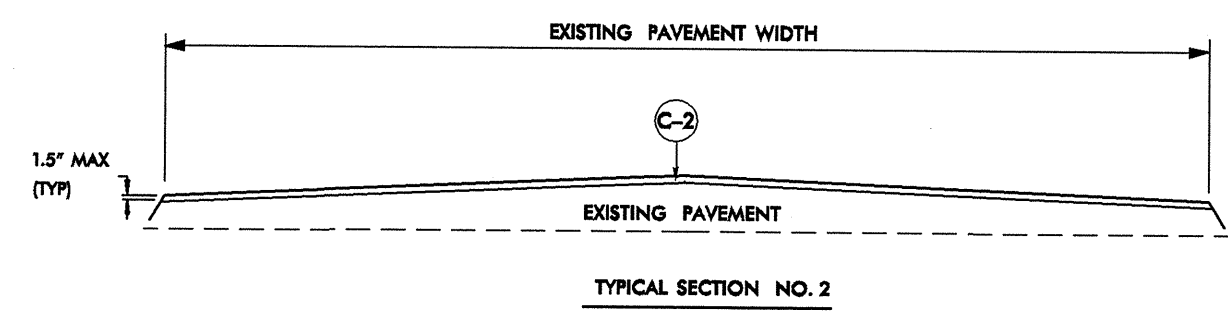
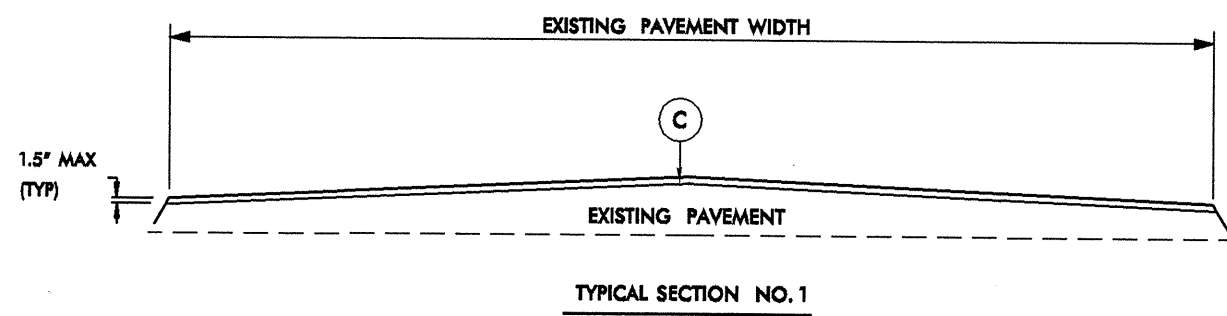
MAP
4



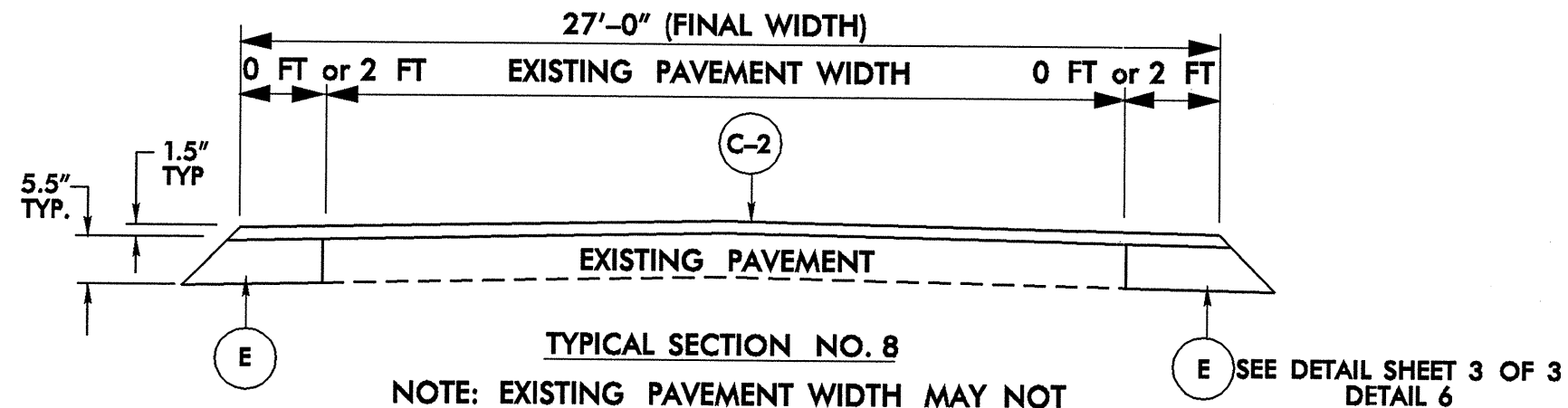
DAVIDSON COUNTY

NORTH CAROLINA



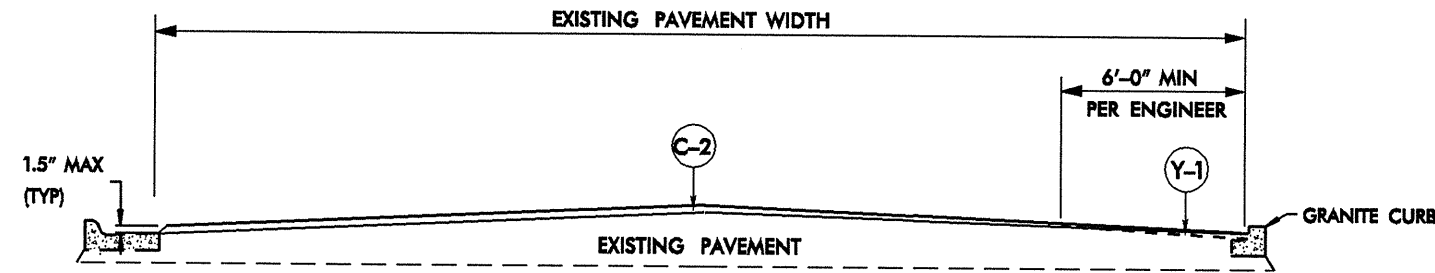


PAVEMENT SCHEDULE	
C	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, TO BE APPLIED AT AN AVERAGE RATE OF 168 LBS PER SQ YD.
C-1	ASPHALT CONCRETE SURFACE LEVELING COURSE, TYPE S9.5B, TO BE APPLIED AT A VARIABLE DEPTH, AT AN AVERAGE RATE OF 112 LBS/SY/1" DEPTH; DEPTH TO BE DETERMINED BY ENGINEER
C-2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, TO BE APPLIED AT AN AVERAGE RATE OF 168 LBS PER SQ YD.
E	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, 0" TO 1.5" DEPTH

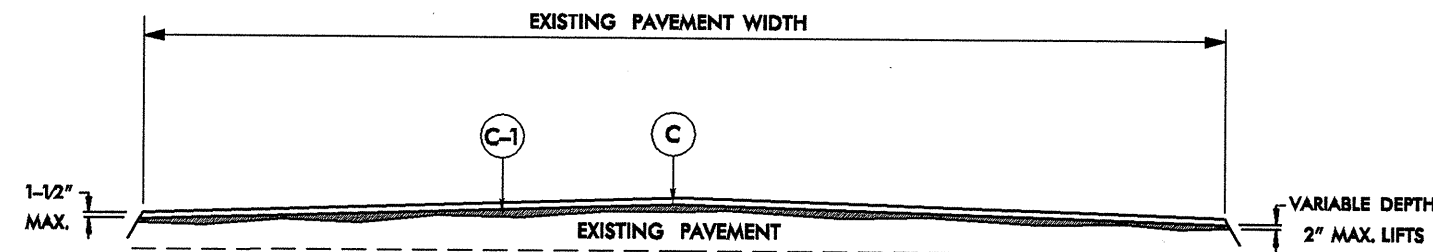


TYPICAL SECTION NO. 8

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)

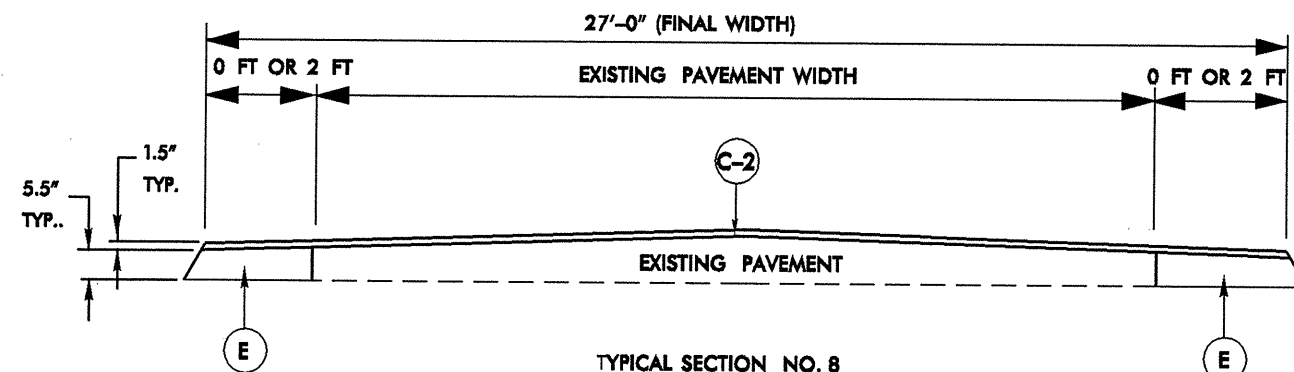


TYPICAL SECTION NO. 6



TYPICAL SECTION NO. 7

LEVELING COURSE APPLIED AT VARIABLE DEPTH,
 (TO ELIMINATE DIPS, WASHBOARDING, OR TO
 RE-ESTABLISH CROWN) AT LOCATIONS TO
 BE DETERMINED BY ENGINEER



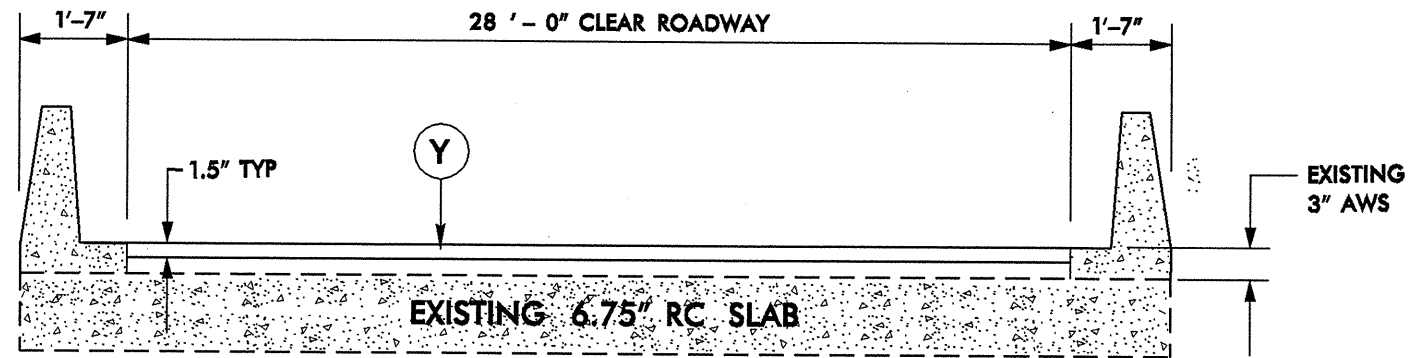
TYPICAL SECTION NO. 8

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

SEE DETAIL
 SHEET (3 OF 3)
 DETAIL NO 6

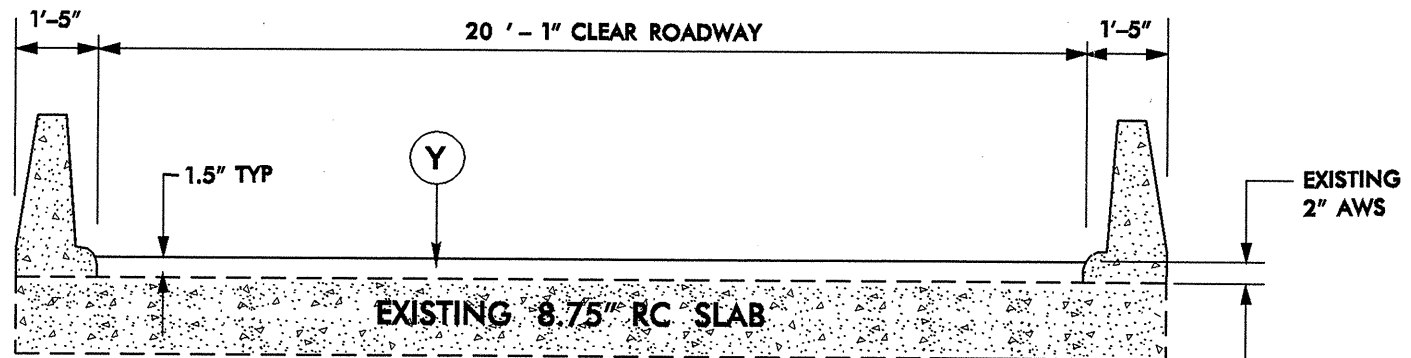
CONSTRUCTION NOTES:

1. EDGES, PAVEMENT WIDENINGS, INTERSECTIONS, AND BRIDGE FLARES ARE INCLUDED IN THE CONTRACT PRICE AND 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 ENGINEER)
 - PHASE 3 - SHOULDER RECONSTRUCTION (ALL WIDENING)
 - PHASE 4 - SURFACE OVERLAY
 - PHASE 5 - UTILITY ADJUSTMENTS (MANHOLE RING/COVER, VALVEMETER BOX RING/COVER, CATCH BASIN GRATE/COVER, DROP INLET GRATE/COVER, ETC.) WHEN REQUIRED.
3. BRIDGES (SEE DAVIDSON COUNTY 2006 RESURFACING BRIDGE 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 APPROACHES ARE MILLED (AND IF APPROACHES ARE MILLED PRIOR TO BRIDGE DECK).
5. SOME MAPS MAY REQUIRE EXTRA ASPHALT SURFACE (LEVELING) TO BE PLACED TO ELIMINATE UNEVEN PAVEMENT, WASHBOARDING OR TO RE-ESTABLISH THE CROWN. THE QUANTITY AND LOCATION OF THIS ITEM SHALL BE AS DIRECTED BY THE ENGINEER.
6. FOR TWO-LANE 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 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 WHITE EDGELINE SHALL BE LOCATED ONE FOOT FROM THE EDGE OF PAVEMENT ON EITHER SIDE; ON A ROADWAY MEASURING 25 FEET OR MORE IN WIDTH, TRAVEL LANES SHALL MEASURE 12 FEET AND THE WHITE EDGELINE SHALL BE LOCATED NO LESS THAN ONE FOOT FROM THE EDGE OF PAVEMENT ON EITHER SIDE. THIS SHALL BE STANDARD PRACTICE UNLESS OTHERWISE DIRECTED BY THE ENGINEER.



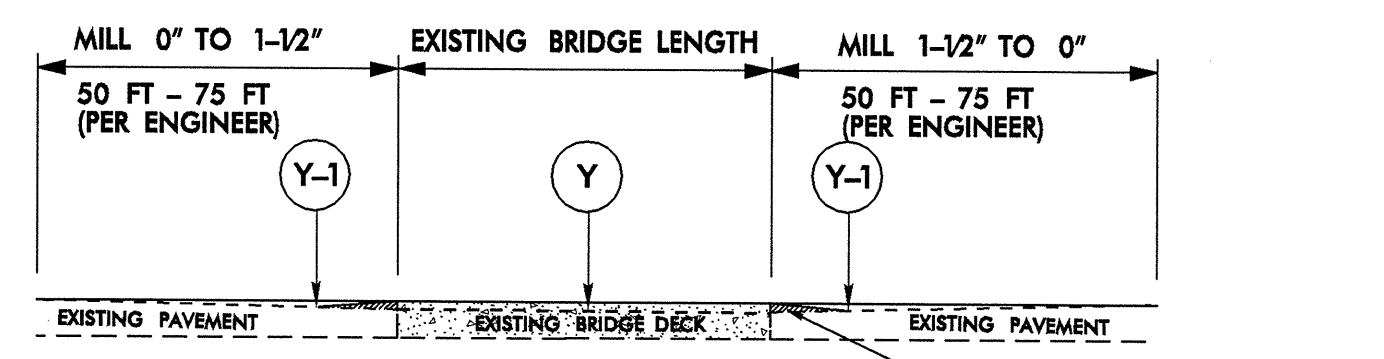
DETAIL NO. 1

Map No. 1, NC 49, Bridge No. 29
See "2007 Bridge Data Listing" On
Detail Sheet (2 of 3) For More Information



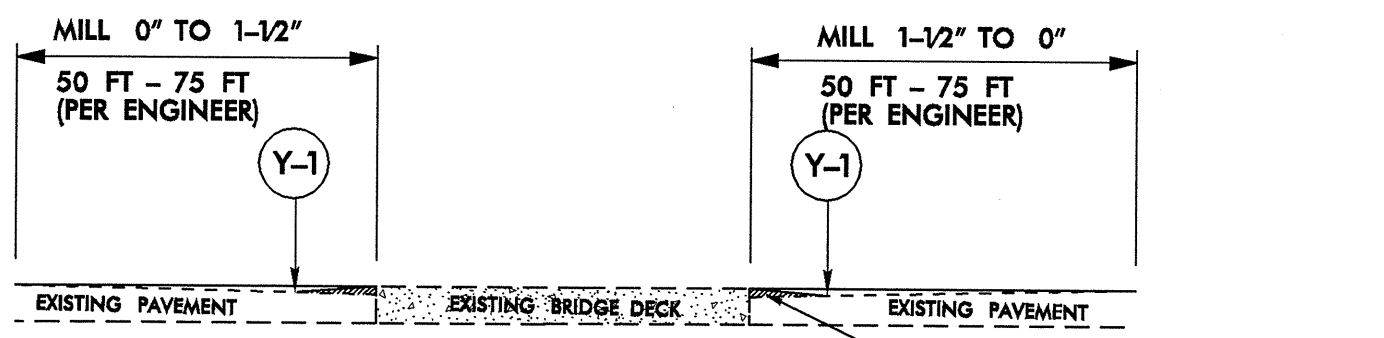
DETAIL NO. 2

Map No. 3, SR 2123, Bridge No. 412
See "2007 Bridge Data Listing" On
Detail Sheet (2 of 3) For More Information



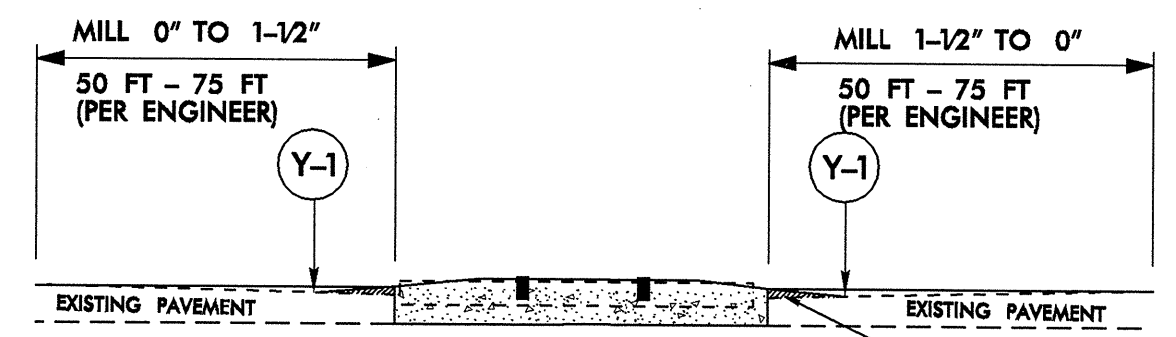
DETAIL NO. 3
 MILL BRIDGE DECK AND APPROACHES
 SEE CHART BELOW FOR MORE INFORMATION

TEMPORARY ASPHALT WEDGING
 (TYPICAL BOTH SIDES OF BRIDGE)
 IF APPROACHES ARE MILLED PRIOR
 TO MILLING BRIDGE DECK
 SEE "CONSTRUCTION NOTES"
 TYPICAL SECTIONS SHEET (2 OF 3)



DETAIL NO. 4
 MILLING BRIDGE APPROACHES
 SEE CHART BELOW FOR
 BRIDGE PAVING INSTRUCTIONS

TEMPORARY ASPHALT WEDGING
 (TYPICAL BOTH SIDES OF BRIDGE)
 SEE "CONSTRUCTION NOTES"
 TYPICAL SECTIONS SHEET (2 OF 3)

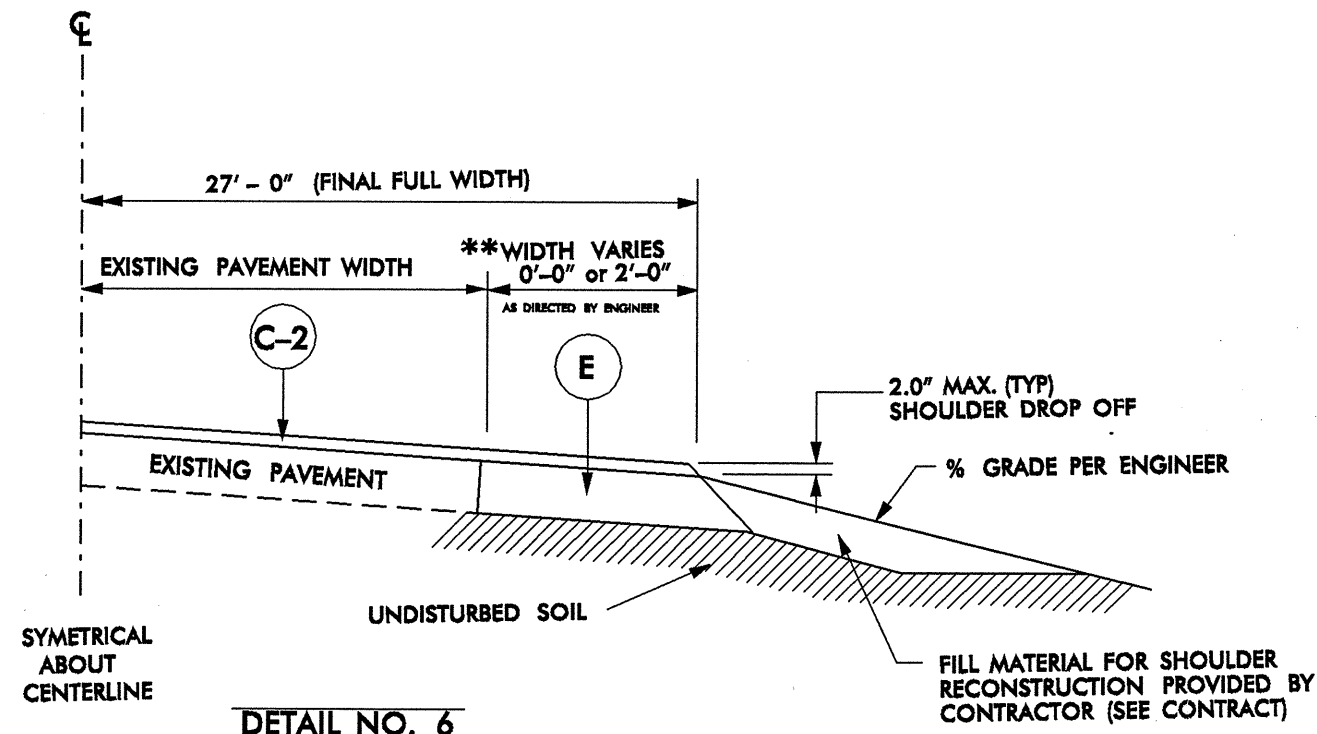


DETAIL NO. 5
 MILLING RAILROAD CROSSING APPROACHES

TEMPORARY ASPHALT WEDGING
 (TYPICAL BOTH SIDES OF CROSSING)
 SEE "CONSTRUCTION NOTES"
 TYPICAL SECTIONS SHEET (2 OF 3)

**DAVIDSON COUNTY 2007 RESURFACING
 BRIDGE LISTING**

MAP NO.	ROUTE NO.	ROUTE NAME	BRIDGE NO.	FEATURE INTERSECTED	FLOOR CONSTRUCTION	CLEAR ROADWAY WIDTH	LENGTH	POSTING	RECOMMENDED TREATMENT (PER BRIDGE MAINTENANCE)
1	NC 49		29	NC 109	6.75" RC 5" AWS	28 FT	133 FT	N/A	MILL DECK 1.5" AND PAVE PER CONTRACT; MILL APPROACHES FOR PROPER TIE IN
2	NC 150		84	FRYERS CREEK	5" RC 3.5" AWS	39.4 FT	85 FT	N/A	MILL APPROACHES FOR PROPER TIE IN DO NOT MILL OR PAVE BRIDGE
3	SR 2123	OLD HIGHWAY 29	412	RICH FORK CREEK	8.75" RC SLAB 2" AWS	20.1 FT	127 FT	N/A	MILL DECK 1.5" AND PAVE PER CONTRACT; MILL APPROACHES FOR PROPER TIE IN



DETAIL NO. 6
WIDENING AND SHOULDER
RECONSTRUCTION TO
BE USED IN CONJUNCTION
WITH TYPICALS 2 AND 8

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.

SUMMARY OF QUANTITIES

WORK ORDER NO	COUNTY	MAP NO	ROUTE NO/ ROUTE NAME	TO/ FROM DESCRIPTION	Typical No	Length	Final Width	Incidental Stone Base	Shoulder Recon-struction	Mill Asphalt Pavement 1½" Depth	Mill Asphalt Pavement 0" to 1½" Depth	ACBC Type B25.0C	ACSC Type S9.5B	ACSC, Leveling Course Type S9.5B	ACSC Type S9.5C	PG 64-22 Plant Mix	PG 70-22 Plant Mix	Patching Existing Pavement	Adjust Drop Inlet	Adjust Manholes	Adjust Meter/ Valve Boxes		
						MI	FT	TONS	SMI	SY	SY	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	EA	EA	EA	
9CR.10291.5	Davidson	1	NC 49	Pvmt Jt and Include Intersection at SR 2545 (Slate Mine Rd) to Pvmt Jt at Randolph Co Line, Including All Ramps to NC 109 (typical 2)	8, 2	3.269	27	196	3.27	415	435	4,049			5,456	174	327	28					
		2	NC 150	Pvmt Jt at End of New Pvmt Just North of SR 1654 (Meadow Glen Ln) and Begin 2-Lane, to and Include Intersection of SR 1496 (Circle Dr)	2	4.030	24	242			530				5,695		342	32				18	
TOTAL FOR WORK ORDER NO. 9CR.10291.5						7.299		438	3.27	415	965	4,049	0	0	11,151	174	669	60	0	0	18		
9CR.20291.5	Davidson	3	SR 2123 Old Hwy 29	Pvmt Jt at Pilot Lions Club Rd (NS) to EOP OF US 29/I-85 Bus	2	4.312	24	259		290	370			5,639		338	20				2		
		4	SR 1213 Tyro Road	Pvmt Jt at NC 150 to Pvmt Jt at SR 1147 (Old Salisbury Rd)	1	3.657	24	219					4,783			287		10				10	
		5	SR 1408 Biesecker Road	Pvmt Jt at NC 8 (Winston Rd) to EOP of SR 1242 (W Center St)	1	1.260	24	50			267		1,648			99		12			10	15	
		6a	SR 2087 Lake Road	From Pvmt Jt at Stop Bar, Do Not Include Intersection , at SR 2085 (Baptist Children's Home Rd/Lake Rd) to an Unmarked Point in Curve , Approx 1900 Ft From SR 2085, Going Toward SR 2034 (Boggs Rd)	1, 7	0.359	29	22					660	150		49		2					
		6b	SR 2087 Lake Road	From Unmarked Point Near SR 2034 (Boggs Rd) to Pvmt Jt at SR 2031 (Johnstontown Rd)	1	0.555	24	33					726			44		2					
		TOTAL FOR MAP NO. 6						0.914		55	0	0	0	0	1,386	150	0	93	0	4	0	0	0
		7a	SR 2085 W Main Street	Pvmt Jt at NC 109 (Randolph St) to and Include Intersection at SR 2183 (Fisher Ferry St)	6	0.160	34					563		296			18		4			2	5
7b	SR 2085 W Main Street	SR 2183 (Fisher Ferry St) to and Include Intersection at Loftin St (NS)	5	0.104	34							192			12		7	1	2		3		
7c	SR 2085 W Main Street	Loftin St (NS) to End of C&G at Biggs St (NS)	4	0.464	24				6,533			607			36		3						
7d	SR 2085 W Main Street	Biggs St (NS) to Pvmt Jt at Watson St (NS)	1	0.144	21	6						165			10		2						
TOTAL FOR MAP NO. 7						0.872		6	0	6,533	563	0	1,260	0	0	76	0	16	1	4	8		
8	SR 2051 Unity Street	SR 2123 (National Highway) to NC 109 (Salem St)	3	1.161	44							2,777			167		6			25	21		
9a	SR 2053 Blair Street	Pvmt Jt at SR 2051 (Unity St) to End of C&G	3	0.590	36							1,155			69		2			1	4		
9b	SR 2053 Blair Street	End of C&G to Pvmt Jt at Randolph Co Line	1	0.280	24	11						474			28		2			2	4		
TOTAL FOR MAP NO. 9						0.870		11	0	0	0	0	1,629	0	0	97	0	4	0	3	8		
TOTAL FOR WORK ORDER NO. 9CR.20291.5						13.046		600	0	6,823	1,200	0	13,483	150	5,639	819	338	72	1	42	64		
GRAND TOTAL						20.345		1,038	3.27	7,238	2,165	4,049	13,483	150	16,790	993	1,007	132	1	42	82		

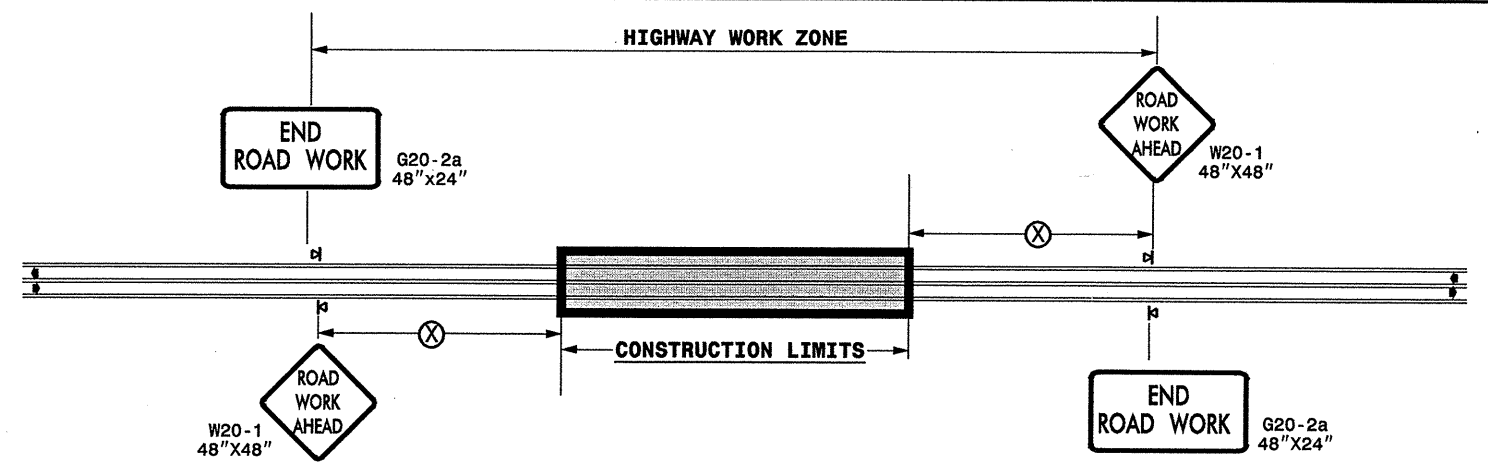
PLEASE NOTE: ALL QUANTITIES LISTED ARE ESTIMATES; PAYMENT WILL BE BASED ON ACTUAL FIELD MEASUREMENTS AND QUANTITIES RECEIVED.

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	4705000000-E	4710000000-E	4721000000-E		4725000000-E				4810000000-E	4905000000-N		
					4" X 90 M WHITE THERMO	4" X 120 M YELLOW THERMO	4" X 120 M WHITE THERMO	8" X 90 M YELLOW THERMO	8" X 120 M YELLOW THERMO	8" X 120 M WHITE THERMO	16" X 120 M WHITE THERMO	24" X 120 M WHITE THERMO	THERMO MSG SCHOOL 120 M	THERMO MSG RXR 120 M	THERMO LT ARROW 90 M	THERMO ST ARROW 90 M	THERMO RT ARROW 90 M	THERMO ST & RT ARROW 90 M	4" YELLOW PAINT	SNOW PLOWABLE MARKERS
					LF	LF	LF	LF	LF	LF	LF	LF	EA	EA	EA	EA	EA	EA	LF	EA
9CR.10291.5	Davidson	1	NC 49	Pvmt Jt and Include Intersection at SR 2545 (Slate Mine Rd) to Pvmt Jt at Randolph Co Line, Including All Ramps to NC 109 (typical 2)	35,174	38,000	310			770								216		
		2	NC 150	Pvmt Jt at End of New Pvmt Just North of SR 1654 (Meadow Glen Ln) and Begin 2-Lane, to and Include Intersection of SR 1496 (Circle Dr)	43,363	46,855	1,500	350			90		8	10	2	4		266		
TOTAL FOR WORK ORDER NO. 9CR.10291.5					78,537	84,855	1,810	350	0	770	0	0	8	10	2	4	0	482		
						86,665	350	770			0	24								
9CR.20291.5	Davidson	3	SR 2123 Old Hwy 29	Pvmt Jt at Pilot Lions Club Rd (NS) to EOP OF US 29/I-85 Bus	46,397	4,528	210				50	6								
		4	SR 1213 Tyro Road	Pvmt Jt at NC 150 to Pvmt Jt at SR 1147 (Old Salisbury Rd)	39,349	38,618	110													
		5	SR 1408 Biesecker Road	Pvmt Jt at NC 8 (Winston Rd) to EOP of SR 1242 (W Center St)	13,558	13,558	145		50	100	170	12	4	2			2			
		6a	SR 2087 Lake Road	From Pvmt Jt at Stop Bar, Do Not Include Intersection, at SR 2085 (Baptist Children's Home Rd/Lake Rd) to an Unmarked Point in Curve, Approx 1900 Ft From SR 2085, Going Toward SR 2034 (Boggs Rd)	3,863	4,727	220	310			50									
		6b	SR 2087 Lake Road	From Unmarked Point Near SR 2034 (Boggs Rd) to Pvmt Jt at SR 2031 (Johnstontown Rd)	5,972	5,861	20							2	3	2				
TOTAL FOR MAP NO. 6					9,835	10,588	240	310	0	0	0	50	0	0	2	3	2	0	0	
		7a	SR 2085 W Main Street	Pvmt Jt at NC 109 (Randolph St) to and Include Intersection at SR 2183 (Fisher Ferry St)		2,112	180			310	120			8			4			
		7b	SR 2085 W Main Street	SR 2183 (Fisher Ferry St) to and Include Intersection at Loftin St (NS)	591	1,446	170	90		50	30			5			3			
		7c	SR 2085 W Main Street	Loftin St (NS) to End of C&G at Biggs St (NS)		4,900												4,900		
		7d	SR 2085 W Main Street	Biggs St (NS) to Pvmt Jt at Watson St (NS)	1,549	1,521														
TOTAL FOR MAP NO. 7					2,140	9,979	350	90	0	360	0	150	0	0	13	0	0	7	4900	
		8	SR 2051 Unity Street	SR 2123 (National Highway) to NC 109 (Salem St)		12,260	3,197		300		130	12		3	3	3				
		9a	SR 2053 Blair Street	Pvmt Jt at SR 2051 (Unity St) to End of C&G		7,788	10	324						8						
		9b	SR 2053 Blair Street	End of C&G to Pvmt Jt at Randolph Co Line	3,013	2,957	380									4				
TOTAL FOR MAP NO. 9					3,013	10,745	390	324	0	0	0	0	0	8	0	4	0	0		
TOTAL FOR WORK ORDER NO. 9CR.20291.5					114,292	100,276	4,642	724	300	410	100	550	30	4	28	6	9	9	4,900	
						104,918	724	710			34	52								
GRAND TOTAL					192,829	185,131	6,452	1,074	300	1,180	100	640	30	4	36	16	11	13	4,900	
						191,583		1,480			34	76								

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

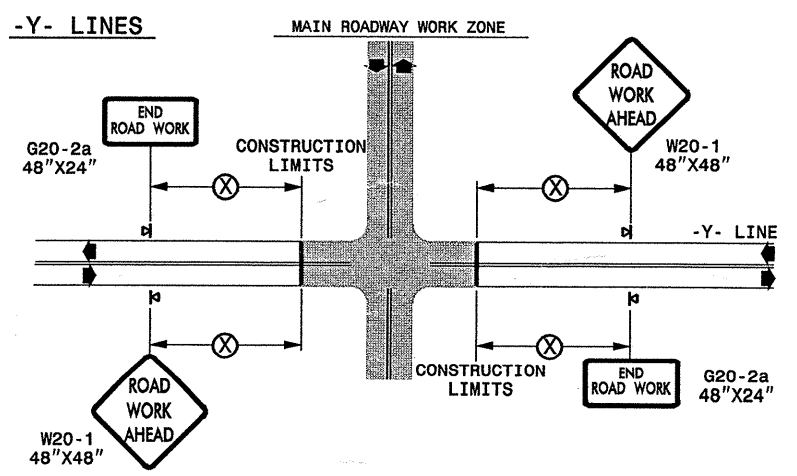
TWO-WAY UNDIVIDED ** (L-LINES)



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

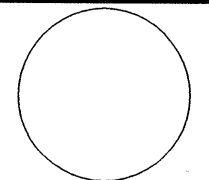
- USE FLUORESCENT ORANGE SHEETING (TYPE VII OR HIGHER) ON ALL ADVANCED WORK ZONE SIGNS.
- DO NOT INSTALL ADVANCE WARNING SIGNS MORE THAN 3 DAYS PRIOR TO BEGINNING OF WORK.
- ALL SIGN SPACING DIMENSIONS ARE APPROXIMATE, FIELD ADJUST AS NECESSARY OR AS DIRECTED.
- USE PORTABLE WORK ZONE SIGNS ONLY WITH 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.

DETAIL DRAWING
FOR TWO-WAY UNDIVIDED
WORK ZONE WARNING SIGNS

LEGEND

◀ PORTABLE SIGN

➡ DIRECTION OF TRAFFIC FLOW

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

07-NOV-2006 10:21
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