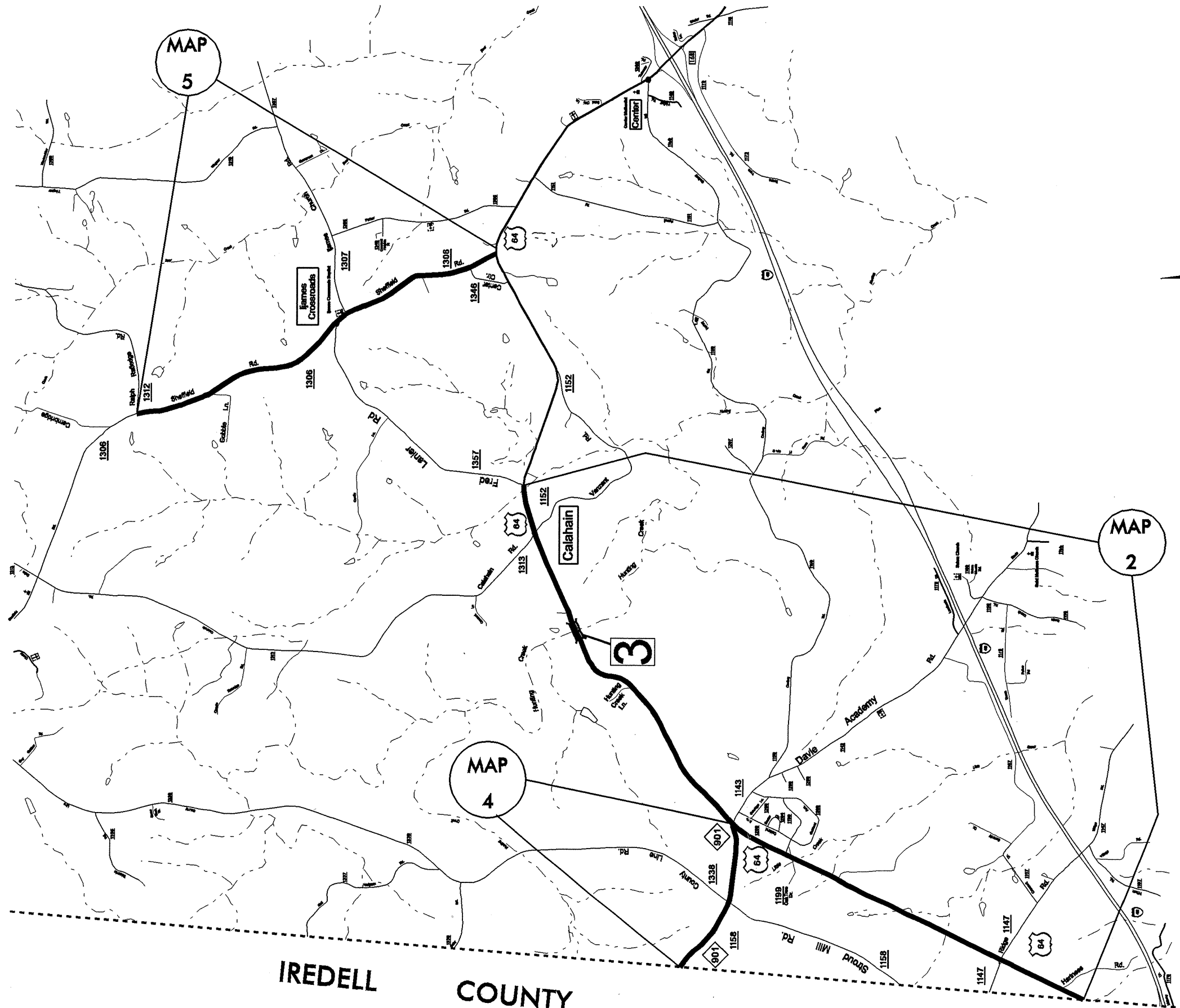
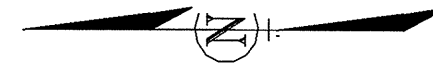


**DAVIE COUNTY**  
NORTH CAROLINA

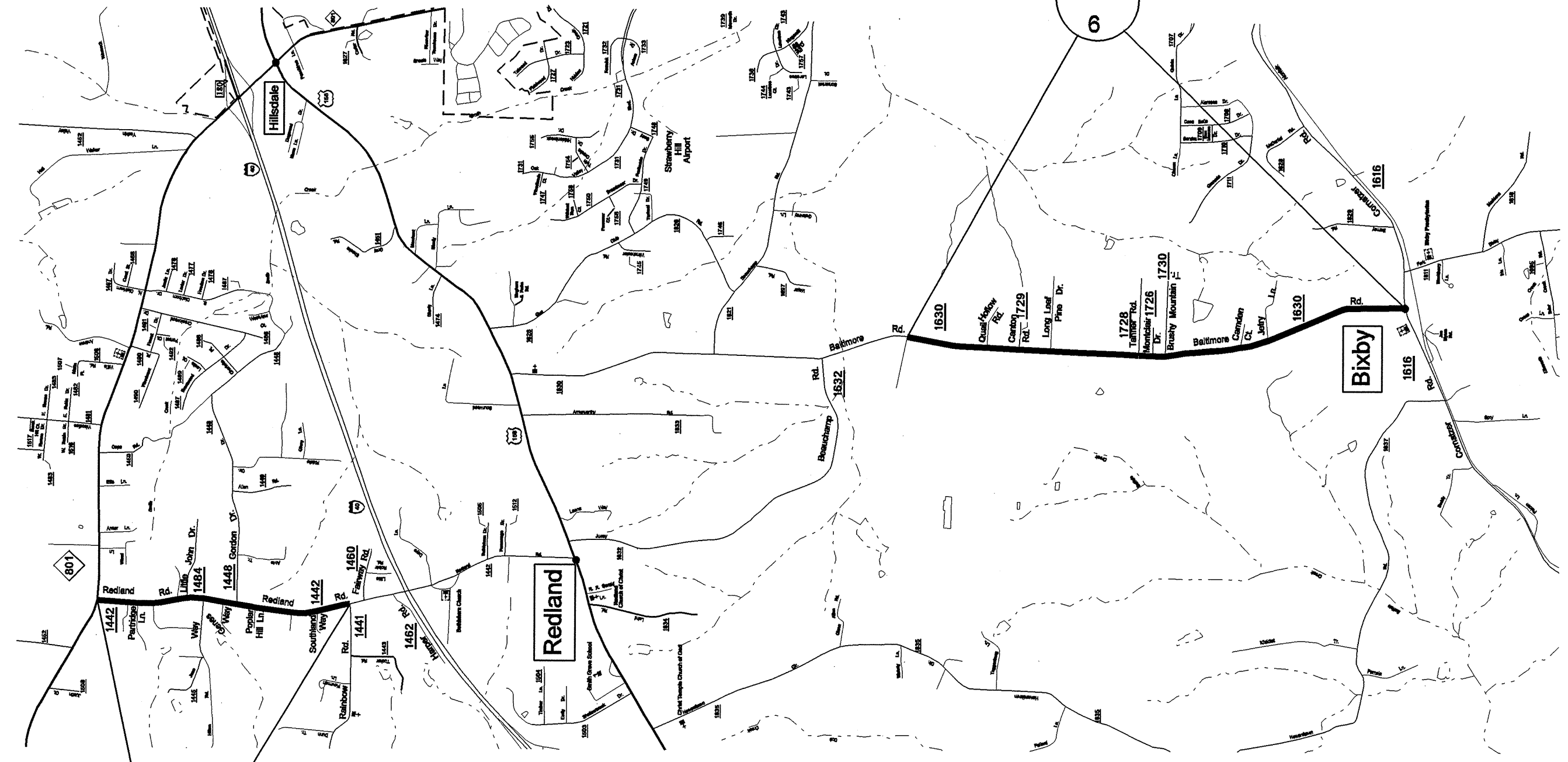


IREDELL COUNTY

DAVIE COUNTY  
NORTH CAROLINA

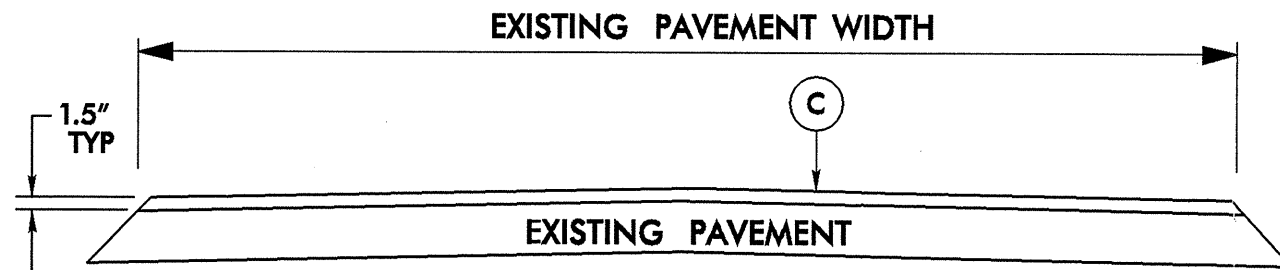
MAP  
6

MAP  
7

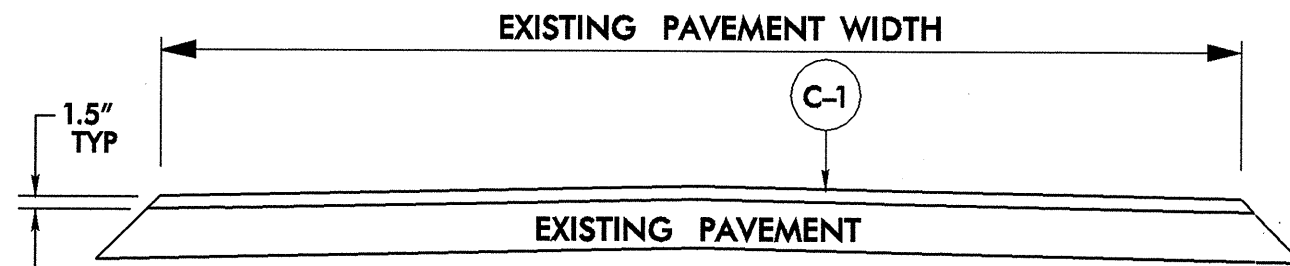


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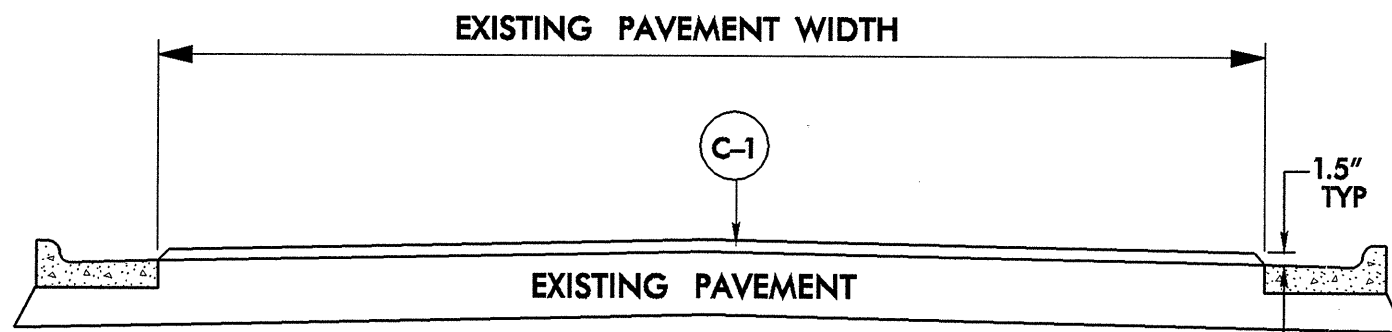
DAVIE COUNTY  
NORTH CAROLINA



TYPICAL SECTION NO. 1

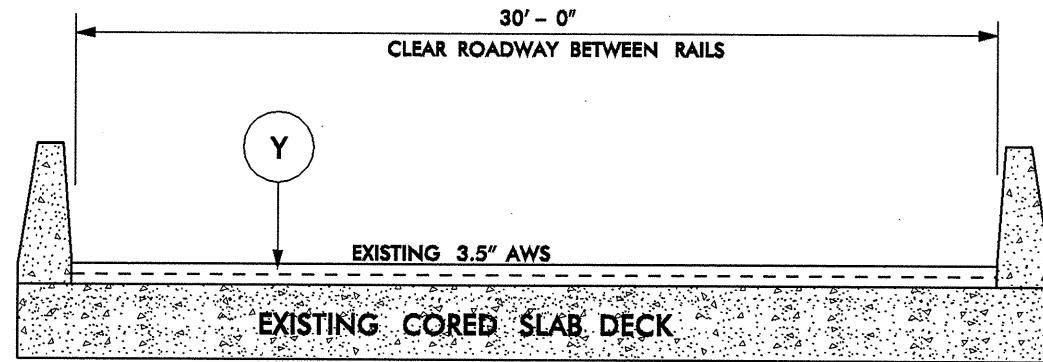


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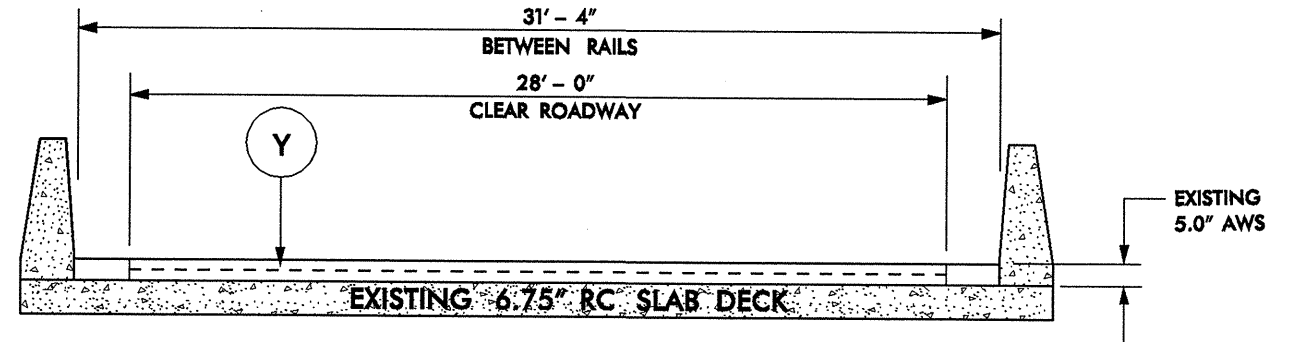


TYPICAL SECTION NO. 3

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
Y	MILL ASPHALT PAVEMENT, 1.5" DEPTH,
Y-1	MILL ASPHALT PAVEMENT, 0" TO 1.5" DEPTH



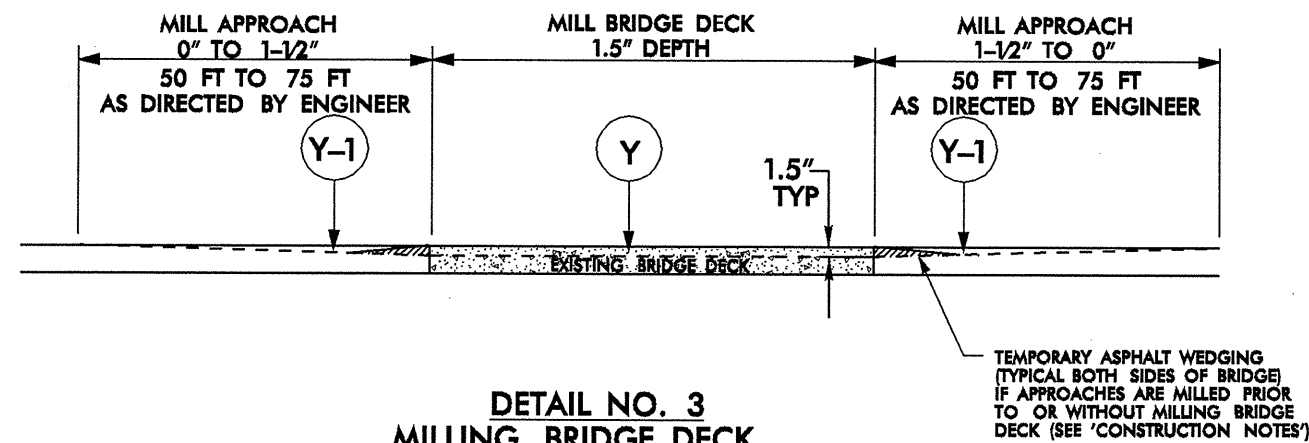
**DETAIL NO. 1**  
 Map No. 2, US 64, Bridge No. 3  
 See "2007 Bridge Data Listing" Below  
 For Further Information



**DETAIL NO. 2**  
 Map No. 3, US 64, Bridge No. 34  
 See "2007 Bridge Data Listing" Below  
 For Further Information

**DAVIE 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	US 158		C1	ELISHA CREEK	CULVERT	EXISTING ROADWAY	N/A	N/A	N/A	PAVE PER CONTRACT
2	US 64		3	HUNTING CREEK	PPCCS 3.5" AWS	30 FT	302 FT	N/A	N/A	MILL BRIDGE DECK 1.5" AND PAVE PER CONTRACT, MILL APPROACHES FOR PROPER TIE IN.
3	US 64		34	BEAR CREEK	6.75" RC 5.0" AWS	28 FT	105 FT	N/A	N/A	MILL BRIDGE DECK 1.5" AND PAVE PER CONTRACT, MILL APPROACHES FOR PROPER TIE IN.



**DETAIL NO. 3  
 MILLING BRIDGE DECK  
 AND BRIDGE APPROACH**

**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, VALVE/METER BOX RING/COVER, CATCH BASIN GRATE/COVER, DROP INLET GRATE/COVER, ETC.) WHEN REQUIRED.
3. BRIDGES (SEE DAVIE COUNTY 2007 RESURFACING 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 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 26 FEET OR MORE IN WIDTH, TRAVEL LANES SHALL MEASURE AT LEAST 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.

## SUMMARY OF QUANTITIES

WORK ORDER NO	COUNTY	MAP NO	ROUTE NO/ ROUTE NAME	TO / FROM DESCRIPTION	Typical No	Length	Width	Incidental Stone Base	Mill Asphalt Pavment 1½" Depth	Mill Asphalt Pavement 0" to 1½" Depth	ACSC Type S9.5B	ACSC Type S9.5C	PG 64-22 Plant Mix	PG 70-22 Plant Mix	Patching Existing Pavement
						MI	FT	TONS	SY	SY	TONS	TONS	TONS	TONS	TONS
9CR.10301.5	Davie	1	US 158	Pvmt Jt at SR 1600 (Milling St) to Pvmt Jt at SR 1642 (Oak Grove Church Rd)	2	1.889	24	113				2,484		149	20
		2	US 64	Pvmt Jt at SR 1347 (Fred Lanier Rd) to Iredell County Line	2	4.561	25	274	1,010	460		6,212		373	40
		3	US 64	Pvmt Jt South of Bridge Over I-40 to End of C&G at SR 1173 (Boone Farm Rd)	3	0.151	48					430		26	5
		3	US 64	End Of C&G at SR 1173 (Boone Farm Rd) To and Include Intersection at US 601	2	2.163	26	130	330	450		3,225		194	14
<b>TOTAL FOR MAP NO. 3</b>						<b>2.314</b>		<b>130</b>	<b>330</b>	<b>450</b>	<b>0</b>	<b>3,655</b>	<b>0</b>	<b>220</b>	<b>19</b>
		4	NC 901	Radius at US 64 to Iredell County Line	2	0.828	25	50				1,175		70	4
<b>TOTAL FOR WORK ORDER NO. 9CR.10301.5</b>						<b>9.592</b>		<b>567</b>	<b>1,340</b>	<b>910</b>	<b>0</b>	<b>13,526</b>	<b>0</b>	<b>812</b>	<b>83</b>
9CR.20301.5	Davie	5	SR 1306 Sheffield Road	Pvmt Jt at US 64 to Pvmt Jt at SR 1312 (Ralph Rutledge Rd)	1	2.105	22	126			2,525		151		12
		6	SR 1630 Baltimore Road	From <b>But Do Not Include</b> Main Entrance To RJR Plant to Pvmt Jt at SR 1616 (Cornatzer Rd)	1	1.544	24	93			2,096		126		10
		7	SR 1442 Redland Road	EOP of NC 801 to and Include Intersection of SR 1441 (Rainbow Rd)	1	1.033	21	62			1,183		71		8
<b>TOTAL FOR WORK ORDER NO. 9CR.20301.5</b>						<b>4.682</b>		<b>281</b>	<b>0</b>	<b>0</b>	<b>5,804</b>	<b>0</b>	<b>348</b>	<b>0</b>	<b>30</b>
<b>GRAND TOTAL</b>						<b>14.274</b>		<b>848</b>	<b>1,340</b>	<b>910</b>	<b>5,804</b>	<b>13,526</b>	<b>348</b>	<b>812</b>	<b>113</b>

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

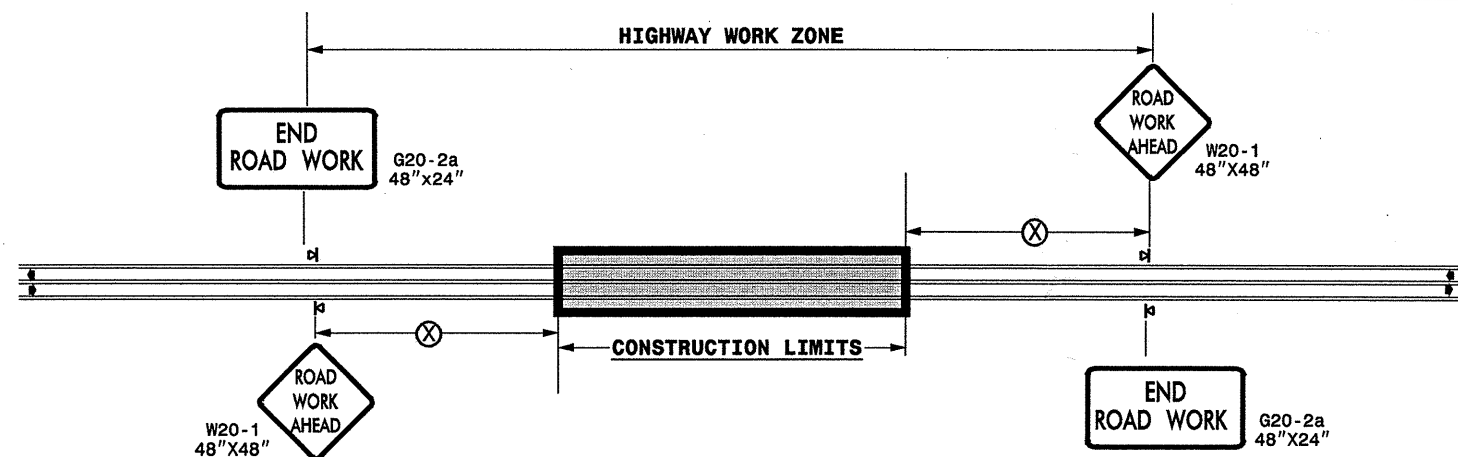
## THERMOPLASTIC AND PAINT QUANTITIES

WORK ORDER NO	COUNTY	MAP NO	ROUTE NO/ ROUTE NAME	TO / FROM DESCRIPTION	4685000000-E	4686000000-E		4695000000-E	4697000000-E	4710000000-E	4725000000-E				4905000000-N
					4" X 90 M WHITE THERMO	4" X 120 M WHITE THERMO	4" X 120 M YELLOW THERMO	8" X 90 M YELLOW THERMO	8" X 120 M WHITE THERMO	24" X 120 M WHITE THERMO	THERMO ST ARROW 90 M	THERMO RT ARROW 90 M	THERMO LT ARROW 90 M	THERMO ST & RT ARROW 90 M	SNOW PLOWABLE MARKERS
					LF	LF	LF	LF	LF	LF	EA	EA	EA	EA	EA
9CR.10301.5	Davie	1	US 158	Pvmt Jt at SR 1600 (Milling St) to Pvmt Jt at SR 1642 (Oak Grove Church Rd)	20,326	70	19,948			20					125
		2	US 64	Pvmt Jt at SR 1347 (Fred Lanier Rd) to Iredell County Line	49,076	90	48,164								301
		3	US 64	Pvmt Jt South of Bridge Over I-40 to End of C&G at SR 1173 (Boone Farm Rd)	590	450	1,595		210		3	2			30
		3	US 64	End Of C&G at SR 1173 (Boone Farm Rd) To and Include Intersection at US 601	23,274	680	25,057	500		70		1	4	2	143
<b>TOTAL FOR MAP NO. 3</b>					<b>23,864</b>	<b>1,130</b>	<b>26,652</b>	<b>500</b>	<b>210</b>	<b>70</b>	<b>3</b>	<b>3</b>	<b>4</b>	<b>2</b>	<b>173</b>
		4	NC 901	Radius at US 64 to Iredell County Line	8,909	80	8,744								55
<b>TOTAL FOR WORK ORDER NO. 9CR.10301.5</b>					<b>102,175</b>	<b>1,370</b>	<b>103,507</b>	<b>500</b>	<b>210</b>	<b>90</b>	<b>3</b>	<b>3</b>	<b>4</b>	<b>2</b>	<b>653</b>
					<b>104,877</b>			<b>12</b>							
9CR.20301.5	Davie	5	SR 1306 Sheffield Road	Pvmt Jt at US 64 to Pvmt Jt at SR 1312 (Ralph Rutledge Rd)	22,650	40	22,229								
		6	SR 1630 Baltimore Road	From <b>But Do Not Include</b> Main Entrance To RJR Plant to Pvmt Jt at SR 1616 (Cornatzer Rd)	16,613	60	16,305								
		7	SR 1442 Redland Road	EOP of NC 801 to and Include Intersection of SR 1441 (Rainbow Rd)	11,115	50	10,908			30					
<b>TOTAL FOR WORK ORDER NO. 9CR.20301.5</b>					<b>50,378</b>	<b>150</b>	<b>49,442</b>	<b>0</b>	<b>0</b>	<b>30</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
					<b>49,592</b>			<b>0</b>							
<b>GRAND TOTAL</b>					<b>152,553</b>	<b>1,520</b>	<b>152,949</b>	<b>500</b>	<b>210</b>	<b>120</b>	<b>3</b>	<b>3</b>	<b>4</b>	<b>2</b>	<b>653</b>
					<b>154,469</b>			<b>12</b>							

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



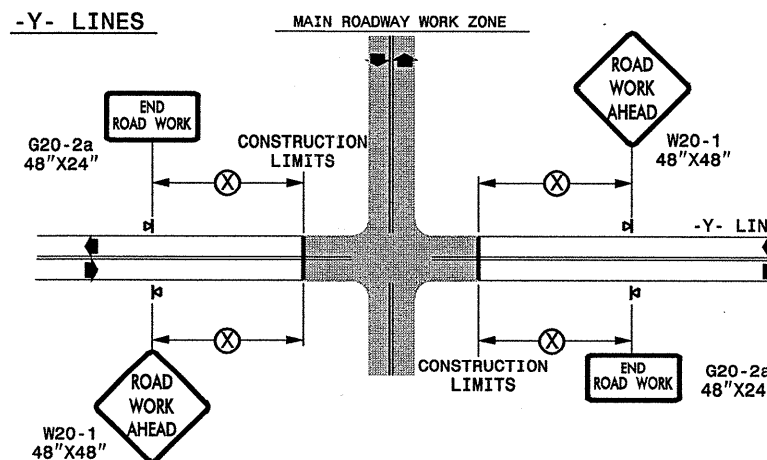
**TWO-WAY UNDIVIDED \*\* (L-LINES)**



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.


**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	 <table border="1"> <tr> <th colspan="2">REVISIONS</th> </tr> <tr> <td>7-98</td> <td>10/01</td> </tr> <tr> <td>10-98</td> <td>03/04</td> </tr> <tr> <td>01/01</td> <td>11/04</td> </tr> </table>		REVISIONS		7-98	10/01	10-98	03/04	01/01	11/04
	REVISIONS										
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