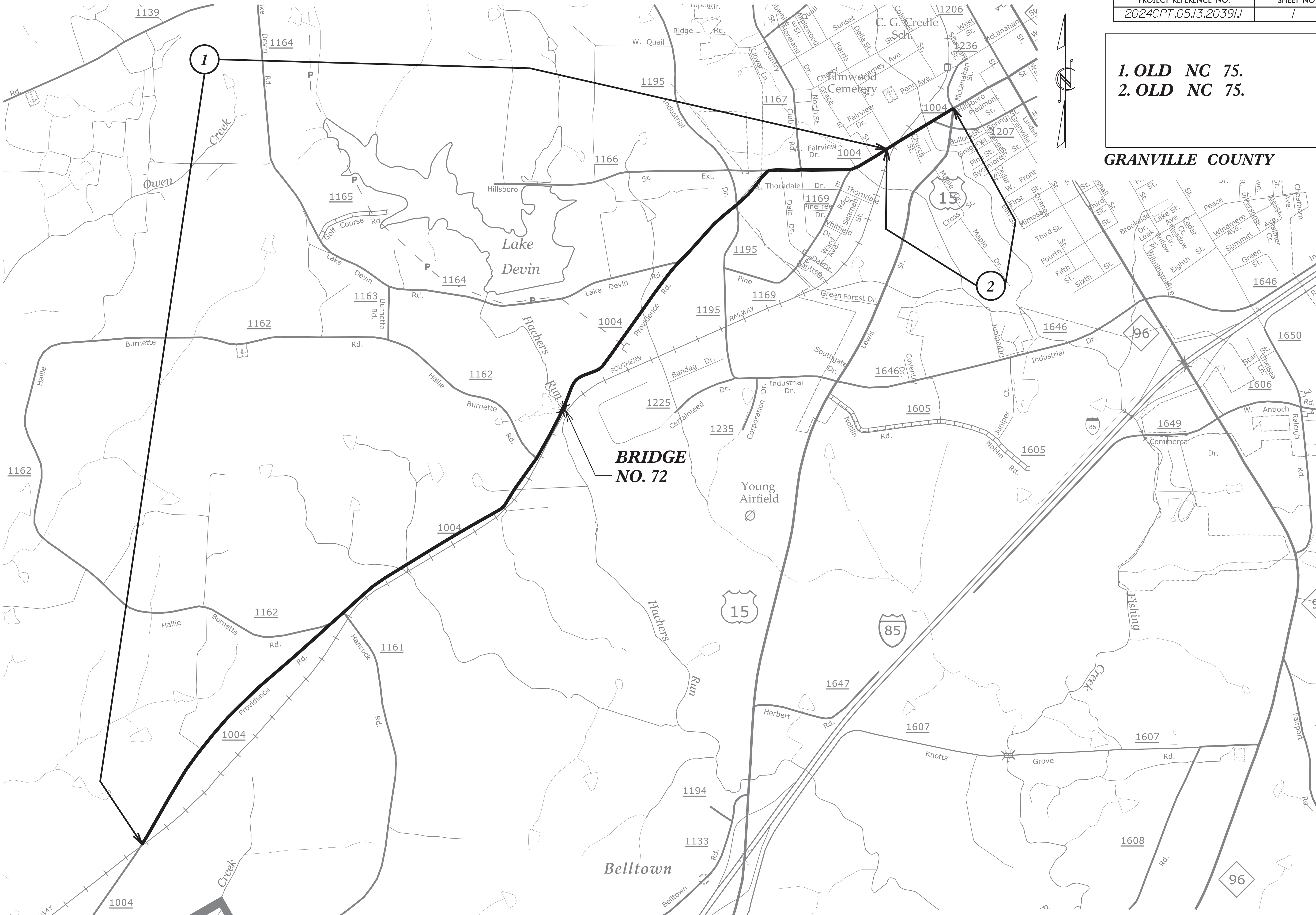
PROJECT REFERENCE NO.	SHEET NO.
2024CPT.05.13.20391.1	1

1. OLD NC 75.
2. OLD NC 75.

GRANVILLE COUNTY



PROJECT REFERENCE NO.	SHEET NO.
2024CPT.05.13.20391.1	2

3. HILLSBORO ST.
4. OXFORD LOOP

GRANVILLE COUNTY

OXFORD
POP. 9,426

West Oxford Elem. Sch.

Mary Potter Sch.

C. G. Credle Sch.

Elmwood Cemetery

Lake Devin

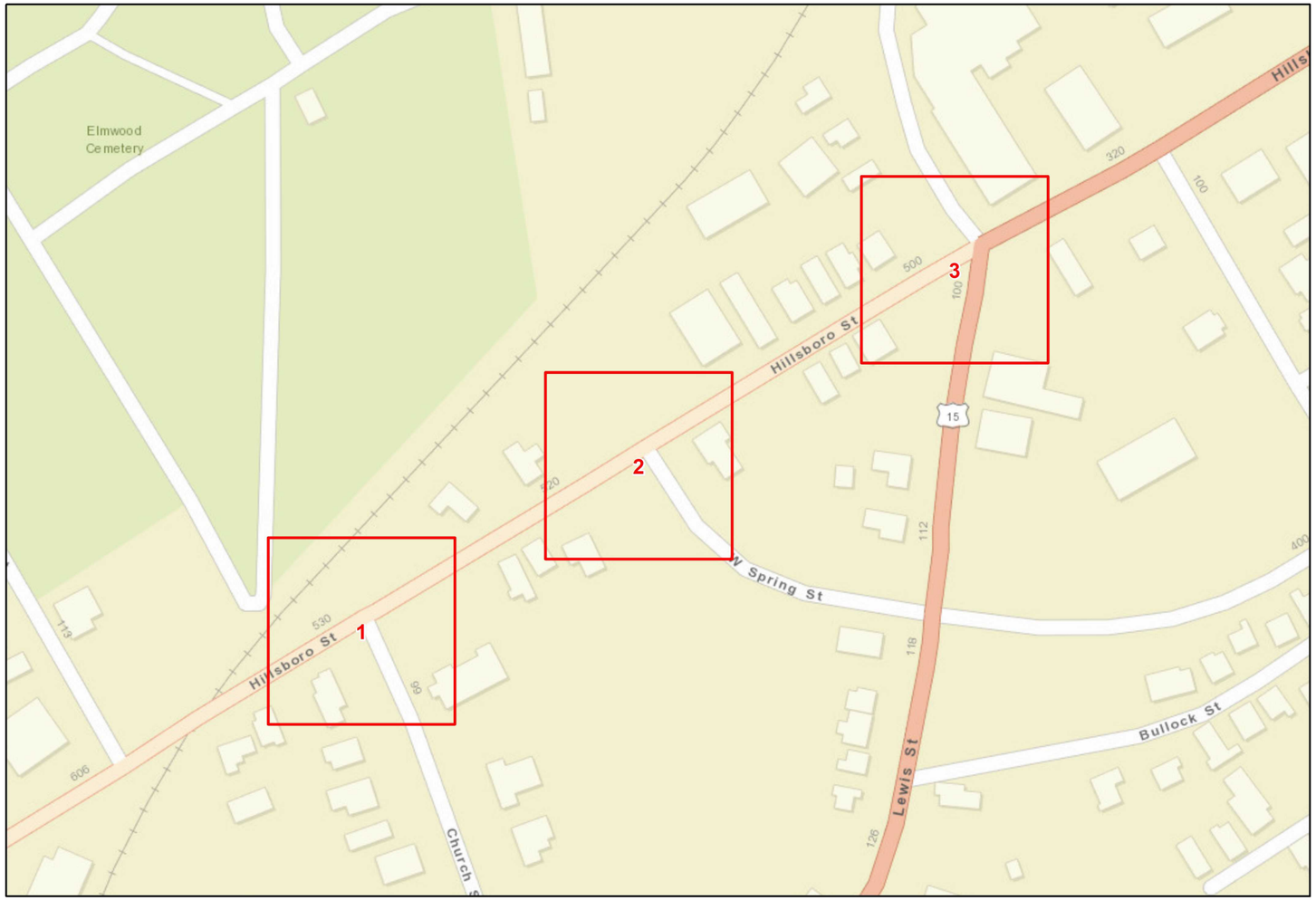
Hachers Run

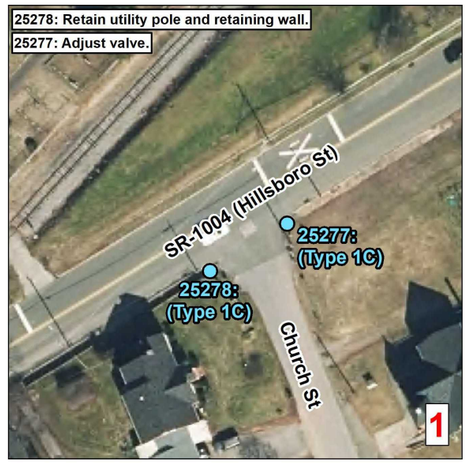
Creek

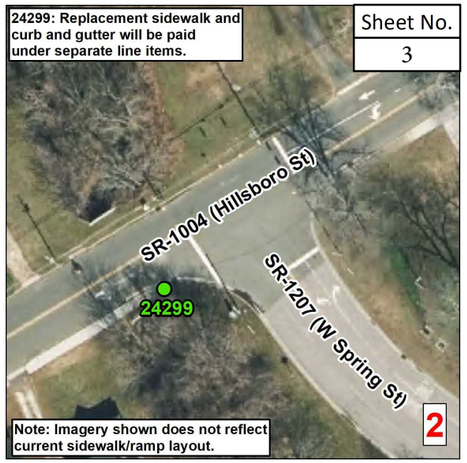
1300 Rd.
1139 Rd.
1164 Rd.
1163 Burnette Rd.
1162 Rd.
1165 Golf Course Rd
1166 St. Ext.
1170
1195 Loop
1167
1232
1206
1236
1004
1207
1602
1522
1540
1665
1646
1225
1169

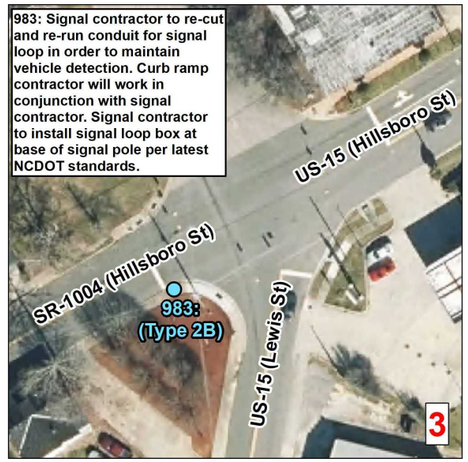
Roxboro Rd.
Ivy Day Rd.
Enon Rd.
Lake Devin Rd.
Oxford Loop
Hillsboro St.
W. Thorndale Dr.
E. Thorndale Dr.
W. Fairview Dr.
Prospect
Howard Dr.
Hicks
Mill Rd.
Professional Park
Pearl St.
Watkins St.
Goodson St.
West College St.
Smith St.
Griffin St.
Alston Ct.
Cresent St.
Phocian St.
Baker St.
Black St.
Clement St.
Baker St. Ave.
Alexander Ave.
Dove Ct.
Stratford Rd.
Meadowbrook Ln.
Meadow Park
Greenfield Cir.
Robin Rd.
Rock Creek Cir.
Meadow Heights Dr.
Tupelo Cir.
Cardinal Ct.
Bobwhite Ct.
Ridge Rd.
Ridge Ave.
W. Quail
Quail Ridge
Sunset Ave.
Harris St.
Moreland St.
Country Club Rd.
Clover Ln.
Cherry Dr.
North St.
Grace St.
Fairview Dr.
Penn Ave.
Coleman St.
Stanford St.
McLanahan St.
Hillsboro St.
Piedmont St.
Church St.
Bullock St.
Gregory Pl.
Pine St.
Sycamore St.
Granville St.
Spring St.
Linden Dr.
Hunt Dr.
Main St.
High St.
Front St.
Kingsbury St.
Henderson
Raleigh Dr.
Hillside Dr.
Hancock St.
Franklin St.
Coggeshall St.
Cedar St.
W. Front St.
First St.
Elm St.
Orange St.
Mimosa St.
Third St.
Fourth St.
Fifth St.
Sixth St.
Brookside Dr.
Leak St.
Lake St.
Ave.
Ct.
Meadow Cir.
Willow Pl.
Wilmington Ave.
Eighth St.
Cedar St.
Maple St.
Cross St.
Maple Dr.
Green Forest Dr.
Pine
Lake Devin Rd.
Providence Rd.
RAILWAY
SOUTHERN
Bandag Dr.
Industrial Dr.
Southgate Dr.
Lewis St.
Coventry Dr.
Juniper Dr.
Industrial Dr.
Ct.
Hallie Burnette Rd.
Dr.
Ave.
St.
Rd.
Pine St.
Railroad Ave.
Williamsboro St.
Cooper St.
Military St.
Devin St.
Belle St.
Spring St.
Gilliam St.
Wall St.
Watkins St.
Tarboro St.
Thomas St.
Lee St.
Forest Ave.
Farm Rd.
Cone Dr.
Dogwood Ln.
Park Dr.
St Oak Dr.
Rectory St.
Hays St.
College St.
Broad St.
Daniel St.
Jones St.
Wilkes St.
Carolina St.
Grove St.
Albert St.
Henry St.
Ave.
Deloix St.
Raylan St.
Webb Pl.

15 96 158 BUS 158 1 2 3 4









Curb Ramps To Be Repaired

- Retrofit
- Remove and Replace
- New Curb Ramp
- Remove Ramp

Municipal Boundary

NCHPO Historic Boundary (NR and LHD)

Granville
Project Number: 2024CPT.05.13.20391.1

Old NC 75
From RR Tracks To US 15

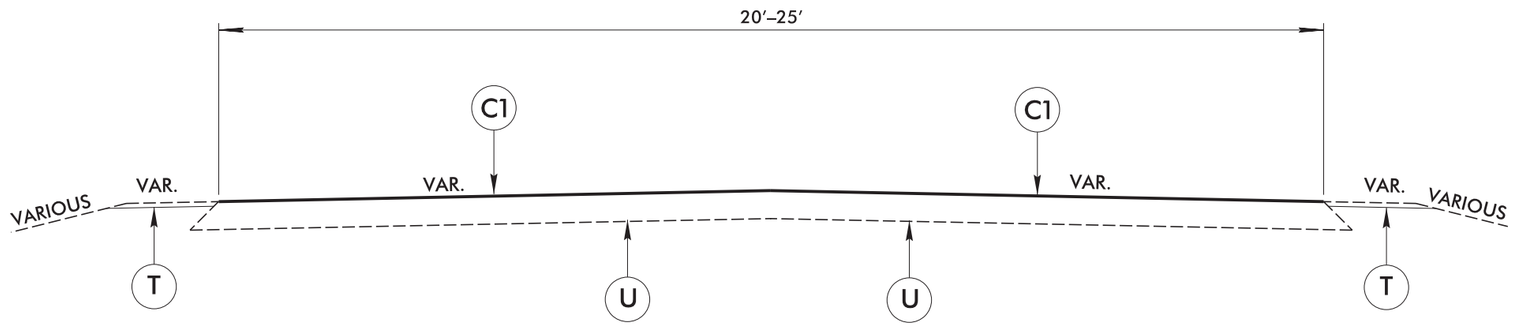
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION 5

Source: NV5 Engineers and Consultants Inc., ESRI, NC OneMap, NCDOT, NCHPO

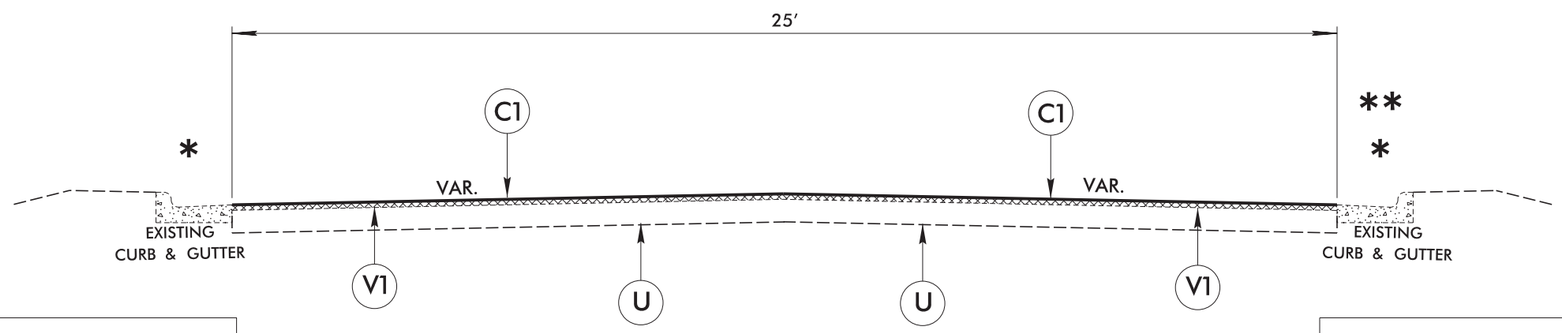
8/17/99

PROJECT REFERENCE NO.	SHEET NO.
2024CPT.05J3.2039IJ	4

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
V1	MILLING OF EXISTING ASPHALT PAVEMENT AT DEPTH OF 1½"
T	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT



TYPICAL SECTION NO. 1



TYPICAL SECTION NO. 2

* 1293' OVER PAVE IN CURB & GUTTER REMOVE AND REPLACE

* 1061' OVER PAVE IN CURB & GUTTER REMOVE AND REPLACE

** 30' REMOVE AND REPLACE CURB & GUTTER AT US 15 RT.

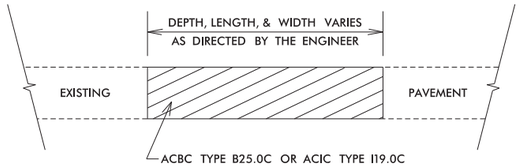
NOTE:
AGGREGATE SHOULDER BORROW IS TO BE CONSIDERED A CONTINGENCY ITEM.
EXACT QUANTITIES ARE NOT DETERMINED.
USE AS NEEDED FOR SHOULDER TREATMENT.

8/17/99

PROJECT REFERENCE NO.	SHEET NO.
2024CPT.05.13.20391J	5

NOTES

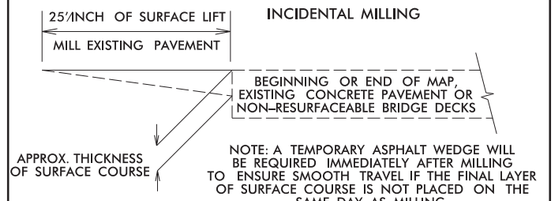
ALL UNPAVED S.R. ROADS TO BE RESURFACED 50' FROM EDGE OF PAVEMENT OF MAIN PROJECT.
ALL PAVED S.R. ROADS TO BE RESURFACED TO THE ENDS OF THE RADII, OR AS DIRECTED BY THE ENGINEER.
EDGES, PAVEMENT WIDENING, INTERSECTIONS AND BRIDGE FLARES ARE INCLUDED IN THE TABLE OF QUANTITIES.
BRIDGES TO BE RESURFACED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

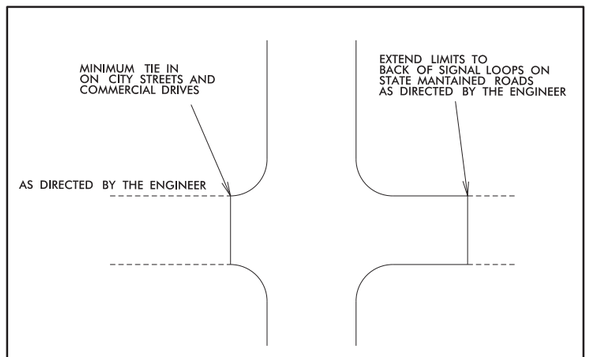


PATCHING EXISTING PAVEMENT
MILLING TO BE PERFORMED PRIOR TO PATCHING

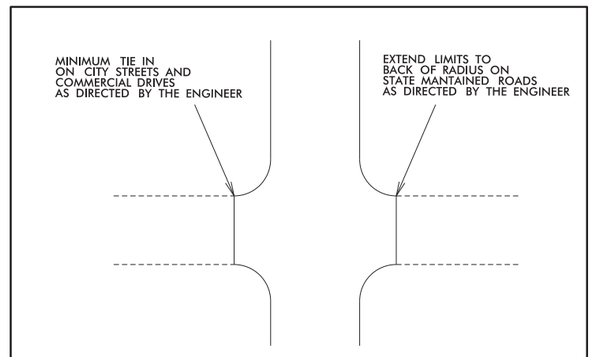
NOTES TO CONTRACTOR

Perform the work in accordance with Section 607 of the January 2018 North Carolina Department of Transportation Standard Specifications for Roads and Structures. Resurfacing will be accomplished at the same time as the milling operation.



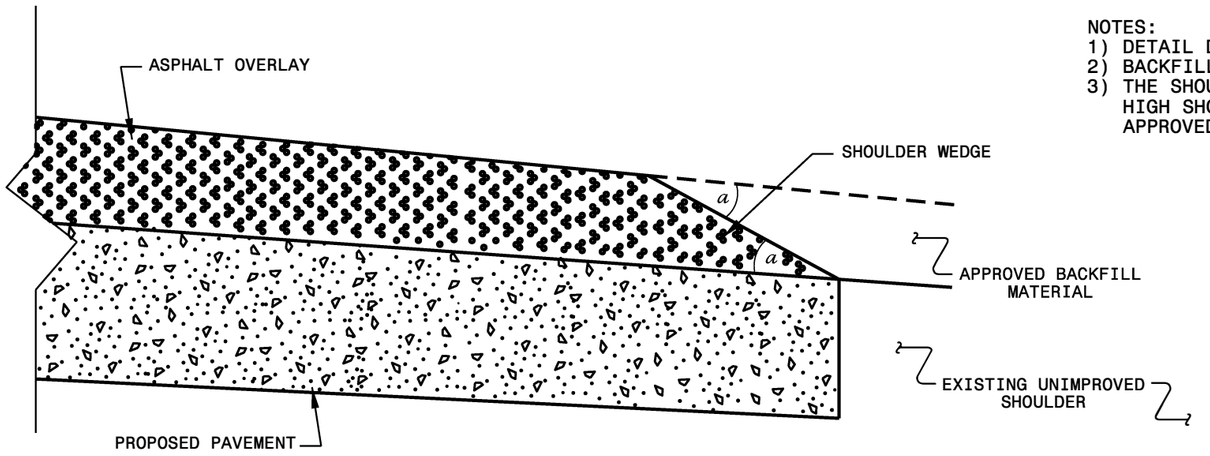


DETAIL OF PROJECT LIMITS AT
SIGNALIZED Y LINES



DETAIL OF PROJECT LIMITS AT
UNSIGNALIZED Y LINES

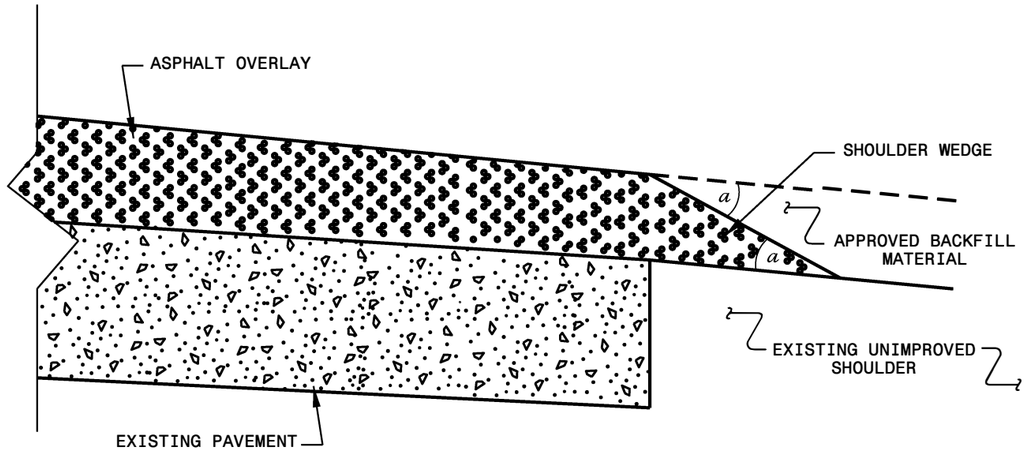
PROJECT REFERENCE NO.	SHEET NO.
2024CPT.05.13.20391.1	5-A



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, SIDE STREETS, HIGH SHOULDERS, AND OTHER LOCATIONS NOT FEASIBLE TO CONSTRUCT AS APPROVED BY THE ENGINEER.

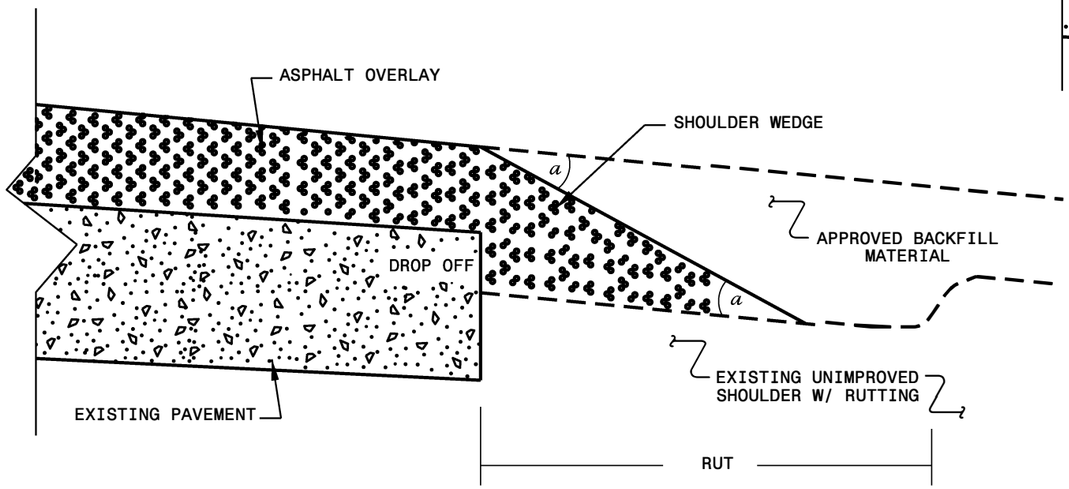
SHOULDER WEDGE DETAIL

(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:	2/2/16
CHECKED BY:		DATE:	
FILE SPEC.:	s:usr/details/stand/shoulderwedgedetail.dgn		

ADA SUMMARY OF QUANTITIES - TOTALS

Project Number:	2024CPT.05.13.20391.1
County:	Granville

Sheet No.
6

Project Number	County	Municipality	Resurfacing Route	4447000000-E (LF) Pedestrian Channelizing Devices	4600000000-N (EA) Generic Traffic Control Item - Pedestrian Transport Service (Per Trip)	4600000000-N (EA) Generic Traffic Control Item - Audible Warning Devices	7444000000-E (LF) Inductive Loop Sawcut	7456100000-E (LF) Lead-In Cable (14-2)	7324000000-N (EA) Junction Box (Standard Size)	2549000000-E (LF) 2'-6" Concrete Curb & Gutter	2591000000-E (SY) 4" Concrete Sidewalk	2845000000-N (EA) Adjustment of Meter Boxes or Valve Boxes	2612500000-N (EA) Remove and Replace Concrete Curb Ramps	2759000000-N (EA) Remove Curb Ramps
Granville	Granville	Oxford	Old NC 75 From RR Tracks To US 15	60	10	2	150	300	1	20	12	1	3	1
GRAND TOTAL				**60**	**10**	**2**	**150**	**300**	**1**	**20**	**12**	**1**	**3**	**1**

ADA SUMMARY OF QUANTITIES - OLD NC 75 FROM RR TRACKS TO US 15

Municipality:	**Oxford**
Project Number:	**2024CPT.05.13.20391.1**
County:	**Granville**

Sheet No.
7

Ramp ID	Inset Map Number	Route 1	Route 2	7444000000-E (LF) Inductive Loop Sawcut	7456100000-E (LF) Lead-In Cable (14-2)	7324000000-N (EA) Junction Box (Standard Size)	2549000000-E (LF) 2'-6" Concrete Curb & Gutter	2591000000-E (SY) 4" Concrete Sidewalk	2845000000-N (EA) Adjustment of Meter Boxes or Valve Boxes	2612500000-N (EA) Remove and Replace Concrete Curb Ramps	2759000000-N (EA) Remove Curb Ramps	Improvement Type
25277	1	SR-1004 (Hillsboro St)	Church St						1	1		Type 1C - 848.06
25278	1	SR-1004 (Hillsboro St)	Church St							1		Type 1C - 848.06
24299	2	SR-1004 (Hillsboro St)	SR-1207 (W Spring St)				20	12			1	Remove Ramp
983	3	SR-1004 (Hillsboro St)	US-15 (Lewis St)	150	300	1				1		Type 2B - 848.06
Sub-Total for NC 50 From/To US 70 To/From SR 1898				**150**	**300**	**1**	**20**	**12**	**1**	**3**	**1**	

Note: ADA quantity totals are provided on the project 'ADA SUMMARY OF QUANTITIES - TOTALS' page.

PROJECT NO.	SHEET NO.
2024CPT.05.13.20391.1	8

SUMMARY OF QUANTITIES

													1220000000-E	1245000000-E	1260000000-E	1297000000-E	1330000000-E	1519000000-E	1575000000-E	1704000000-E	2549000000-E	2591000000-E	2612500000-N	2752000000-E	2759000000-N	2830000000-N	2845000000-N	7324000000-N	7444000000-E	7456100000-E
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	INCIDENTAL STONE BASE	SHOULDER RECON-STRUCTION	AGGREGATE SHOULDER BORROW	1½" MILLING	INCIDENTAL MILLING	SURFACE COURSE, S9.5B	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT	2'-6" CURB & GUTTER	4" CONCRETE SIDEWALK	REMOVE AND REPLACE CONCRETE CURB RAMPS	GENERIC PAVING ITEM, REMOVE AND REPLACE 2' 6" C&G	GENERIC PAVING ITEM, REMOVE CURB RAMP	ADJUST MANHOLES	ADJUST METER OR VALVE BOX	JUNCTION BOX (STANDARD SIZE)	INDUCTIVE LOOP SAWCUT	LEAD-IN CABLE (14-2)
										MI	FT	TONS	SMI	TON	SY	SY	TONS	TON	TONS	LF	SY	EA	LF	EA	EA	EA	EA	LF	LF
2024CPT.05.13.20391.1	Granville	1	SR-1004/OLD NC 75/ PROVIDENCE RD/HILLSBORO ST	FROM RR TRACKS TO BEGIN CURB & GUTTER	1	2	2WU	NO	NO	3.75	25	2	7.50	1,323		3,417	4,966	324	21						6	4		1,000	
2024CPT.05.13.20391.1	Granville	2	SR-1004 / OLD NC 75	FROM BEGIN CURB & GUTTER TO US 15	2	2	2WU	NO	NO	0.26	25				4,971	487	473	32	19	20	12	3	30	1		1	1	1,650	300
2024CPT.05.13.20391.1	Granville	3	SR-1166 / HILLSBORO ST	FROM SR 1004 TO END PAVEMENT	1	2	2WU	NO	NO	0.936	20	1	1.90	330		346	839	55	4										
2024CPT.05.13.20391.1	Granville	4	SR-1195 / OXFORD LOOP SW/OXFORD LOOP NW	FROM US 158 TO SR 1004	1	2	2WU	NO	NO	1.434	24	2	2.87	506		1,771	2,262	147	1										
TOTAL FOR PROJ NO. 2024CPT.05.13.20391.1										**6.38**		**5**	**12.27**	**2,159**	**4,971**	**6,021**	**8,540**	**558**	**45**	**20**	**12**	**3**	**30**	**1**	**6**	**5**	**1**	**2,650**	**300**
GRAND TOTAL										**6.38**		**5**	**12.27**	**2,159**	**4,971**	**6,021**	**8,540**	**558**	**45**	**20**	**12**	**3**	**30**	**1**	**6**	**5**	**1**	**2,650**	**300**

PROJECT NO.	SHEET NO.
2024CPT.05.13.20391.1	9

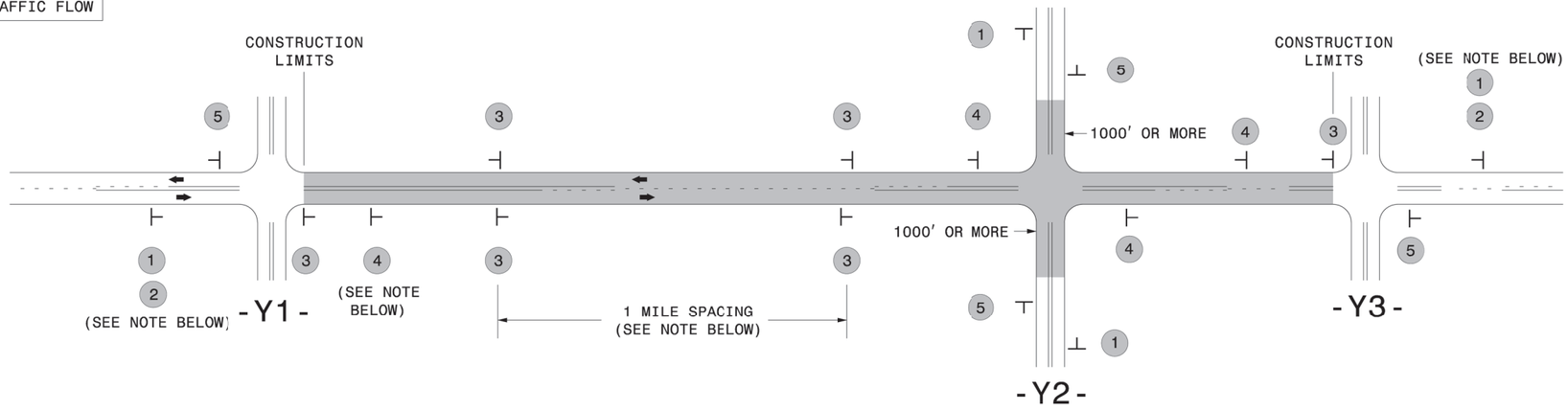
THERMOPLASTIC AND PAINT QUANTITIES

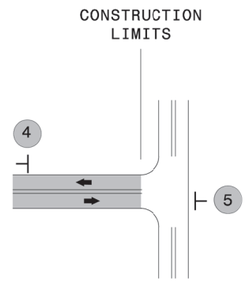
										4413000000-E	4447000000-E	4457000000-N	4510000000-N	4600000000-E	4600000000-E	4685000000-E		4695000000-E	4700000000-E	4704000000-E	4709000000-E	4720000000-E	4725000000-E			4905100000-N
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	WORK ZONE ADVANCE/ GENERAL WARNING SIGNING	PEDESTRIAN CHANNELIZING DEVICES	TEMPORARY TRAFFIC CONTROL	LAW ENFORCEMENT	GENERIC TRAFFIC CONTROL ITEM PEDESTRIAN TRANSPORT SERVICE (PER TRIP)	GENERIC TRAFFIC CONTROL ITEM AUDIBLE WARNING DEVICES	4" X 90 M WHITE THERMO	4" X 90 M YELLOW THERMO	8" X 90 M YELLOW THERMO	12" X 90 M YELLOW THERMO	THERMO PAVEMENT MARKING LINES (16", 90 M) WHITE	THERMO PAVEMENT MARKING LINES (24", 90 M) WHITE	THERMO MSG RXR 90 M	THERMO LT ARROW 90 M	THERMO STR & RT ARROW 90 M	THERMO STR ARROW 90 M	NON-CAST IRON SNOW-PLOWABLE PAVEMENT MARKER
								MI	FT	SF	LF	LS	HR	EA	EA	LF	LF	LF	LF	LF	LF	EA	EA	EA	EA	EA
2024CPT.05.13.20391.1	Granville	1	SR-1004 / OLD NC 75/PROVIDENCE RD/HILLSBORO ST	FROM RR TRACKS TO BEGIN CURB & GUTTER	1	2	2WU	3.75	25	420			120			44,140	44,170	30	110	100	230	4	6	4		330
2024CPT.05.13.20391.1	Granville	2	SR-1004 / OLD NC 75	FROM BEGIN CURB & GUTTER TO US 15	2	2	2WU	0.26	25	29	60			10	2	980	2,760			50	180	2	1		1	40
2024CPT.05.13.20391.1	Granville	3	SR-1166 / HILLSBORO ST	FROM SR 1004 TO END PAVEMENT	1	2	2WU	0.936	20	105		*				10,180	10,470	10					2	2		
2024CPT.05.13.20391.1	Granville	4	SR-1195 / OXFORD LOOP SW/OXFORD LOOP NW	FROM US 158 TO SR 1004	1	2	2WU	1.434	24	161						17,130	17,500		90		130		17	11		
TOTAL FOR PROJ NO. 2024CPT.05.13.20391.1								**6.38**		**715**	**60**		**120**	**10**	**2**	**72,430**	**74,900**	**40**	**200**	**150**	**540**	**6**	**26**	**17**	**1**	**370**
																147,330							**44**			
GRAND TOTAL								**6.38**		**715**	**60**	**1**	**120**	**10**	**2**	**72,430**	**74,900**	**40**	**200**	**150**	**540**	**6**	**26**	**17**	**1**	**370**
																147,330							**44**			

PROJECT REFERENCE NO.	SHEET NO.
2024CPT.05.13.20391	TMP-1

SIGNING FOR RESURFACING PROJECTS

LEGEND
- ⊢ STATIONARY SIGN
- ⬅ DIRECTION OF TRAFFIC FLOW





TEE INTERSECTION

MAINLINE (-L-) SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION

1. ROAD WORK AHEAD W20-1 48″ X 48″
2. NEXT XX MILES W7-3aP 24″ X 18″

PLACE 1000′ PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000′ ALONG -Y- LINE.

#2 SIGN ONLY USED WHEN CONSTRUCTION LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER.(NO FRACTIONAL OR DECIMAL NUMBERS)

3. LOW SOFT SHOULDER SP 13107 48″ X 48″

- PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACE 1 MILE APART THEREAFTER.
- AT TEE INTERSECTIONS INSTALL INITIALLY ½ MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.

4. ROAD UNDER CONST SP 13106 48″ X 48″

- THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS.
- DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS.
- INSTALL 500′ +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE.
- FOR MULTIPLE -Y- LINES THAT ARE SEPARATED BY 0.25 MILES OR LESS, TREAT AS A SINGLE UNIT AND INSTALL WITHIN 500′ OF EACH APPROACH.
- A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN.
- FOR TEE INTERSECTIONS, INSTALL WITHIN 500′ +/- OF THE INTERSECTION ALONG -L- LINE.

5. END ROAD WORK G20-2 A 48″ X 24″

PLACE 500′ FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.

THE ABOVE SIGNS ARE ALL THAT ARE REQUIRED FOR A CONTRACTOR TO BEGIN A RESURFACING CONTRACT. ANY ADDITIONAL SIGNS REQUESTED BY NCDOT DIVISIONS SHALL BE INSTALLED WITHIN 7 BUSINESS DAYS OF THE START OF CONTRACT WORK.

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.

-Y- LINE SIGNING

NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:

1) LESS THAN 1000′ OF RESURFACING ALONG -Y- LINE
2) SUBDIVISION ROADS
3) DEAD END ROADS

WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, PORTABLE ADVANCE WARNING SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.

ROAD WORK AHEAD W20-1 48″ X 48″
PLACED 500′ IN ADVANCE OF FLAGGER.

W20-7 A 48″ X 48″
PLACED 250′ IN ADVANCE OF FLAGGER.

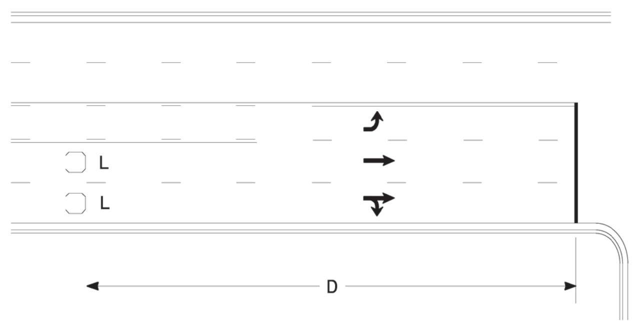
DIVISION OF HIGHWAYS · STATE OF NORTH CAROLINA · DEPARTMENT OF TRANSPORTATION · WORK ZONE TRAFFIC CONTROL

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

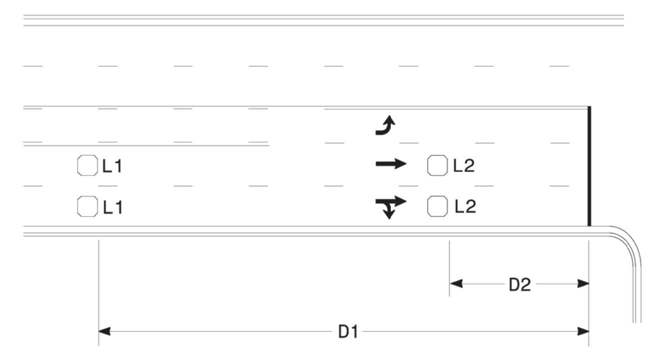
5/15/2017
S:\TMU\WZTC\Resurfacing\2L2W & AST Resurfacing Details\Resurfacing_AdvWarn_2L.dgn
User:kcollis

PROJECT REFERENCE NO.	SHEET NO.
2024CPT.05.13.20391.1	SIG-1

High Speed Detection
(≥40 mph)



OR



Speed Limit mph	D ft
40	250
45	300
50	355
55	420

L = 6ft X 6ft
Wired in series for TS1 Controllers
Wired separately for TS2, 170, and 2070L Controllers

Volume Density Operation

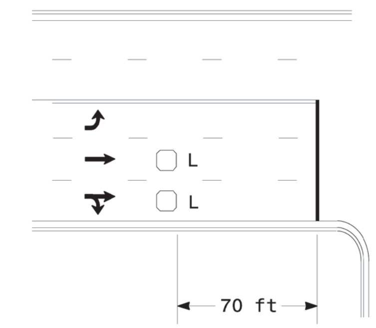
Speed Limit mph	D1 ft	D2 ft
40	250	80
45	300	90
50	355	100
55	420	110

L1 = 6ft X 6ft
Wired in series

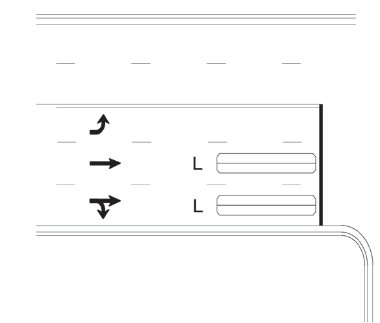
L2 = 6ft X 6ft
Wired in series

"Stretch" Operation

Low Speed Detection
(≤35 mph)



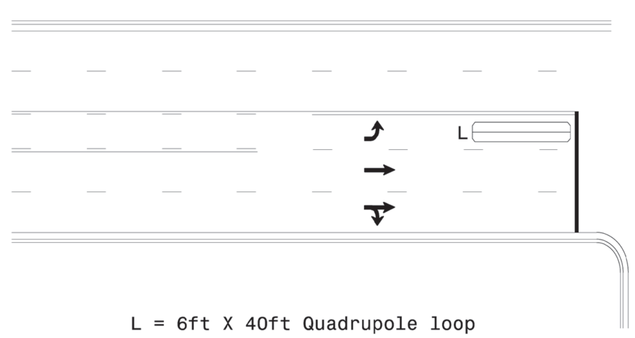
OR



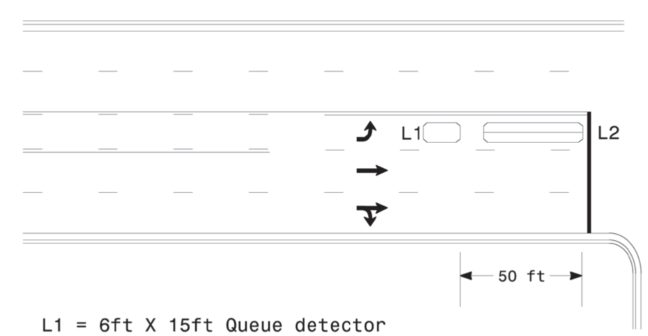
L = 6ft X 6ft
Wired in series

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

Left Turn Lane Detection



OR



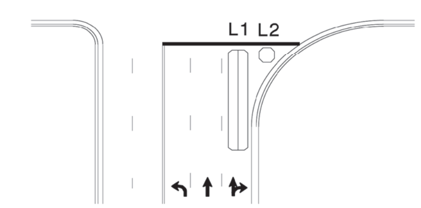
L = 6ft X 40ft Quadrupole loop

Presence Loop Detection

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

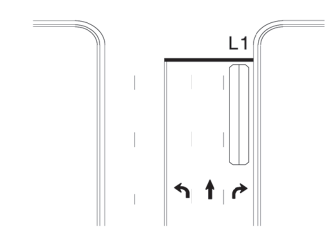
Queue Loop Detection

Right Turn Lane Detection

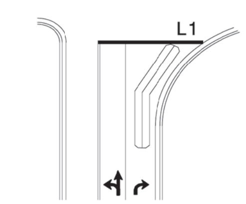


Shared Lane/
Wide Radius Turn

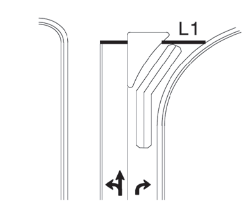
L1 = 6ft X 40ft Quadrupole loop
L2 = 6ft X 6ft [Minimum] Presence loop
Wired separately



Standard Turn

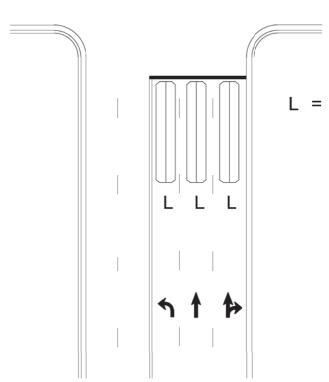


Wide Radius Turn



Channelized Turn

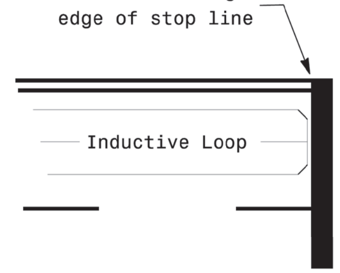
Side Street Detection



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

Prepared in the Offices of:
Transportation Mobility and Safety Division
Signal Design Section
750 N.Greenfield Pkwy,Garner,NC 27529

Typical Signal Loop Locations

PLAN DATE: January 2015 | REVIEWED BY: JPG
PREPARED BY: PLA | REVIEWED BY:

SCALE
N/A

REVISIONS | INIT. | DATE

SEAL
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 23489 PAMELA L. ALEXANDER

DocuSigned by: P.L. Alexander
1/30/2015
DATE

SIG. INVENTORY NO.