

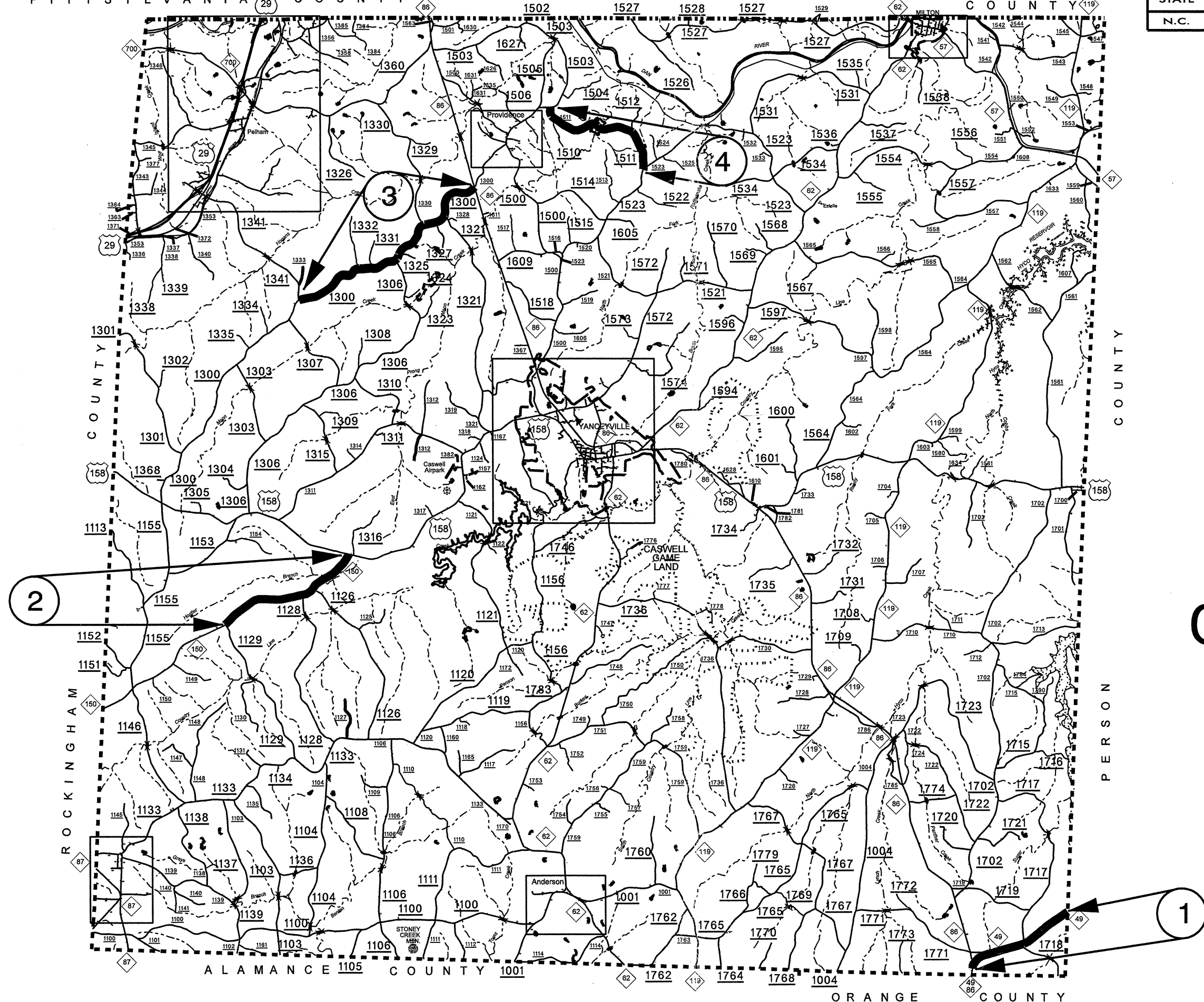
PITTSYLVANIA COUNTY

VIRGINIA

HALIFAX COUNTY

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	7CR.10171.8, ETC.	1	

2001935



# CASWELL COUNTY

ROCKINGHAM COUNTY

PERSON COUNTY

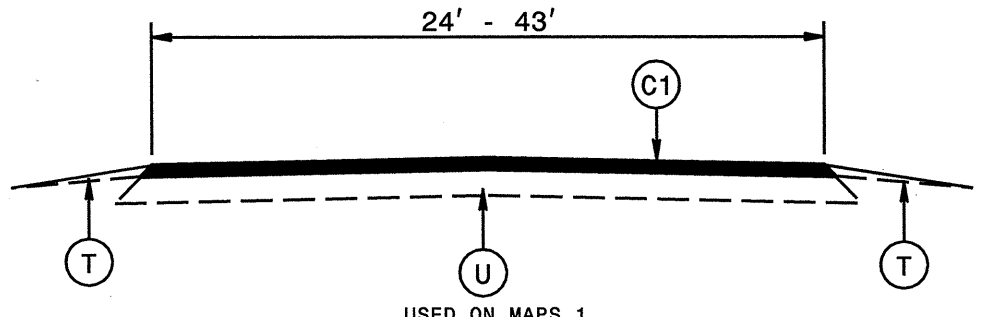
ALAMANCE COUNTY

ORANGE COUNTY

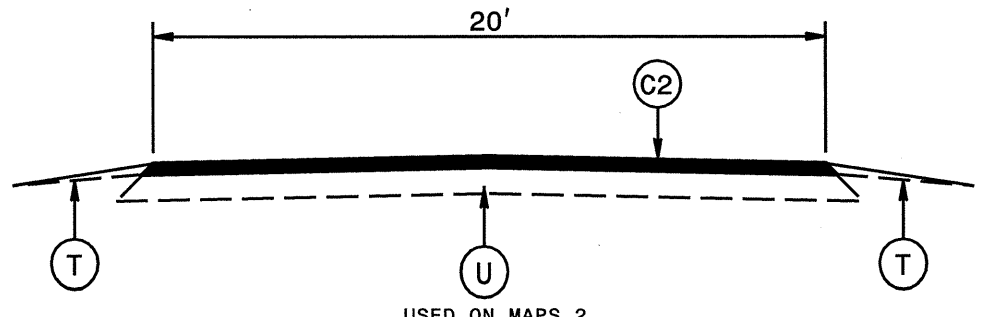
5/28/99

\*\*\*\*\*  
 SYSTEMS  
 ON  
 THE  
 MAIN  
 LINE  
 \*\*\*\*\*

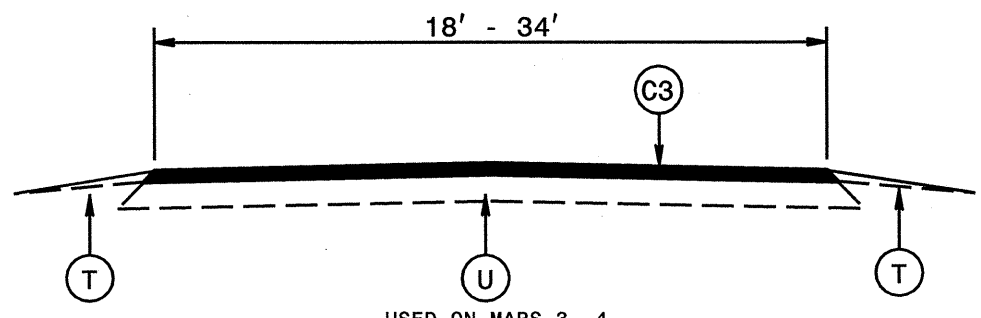
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	7CR.10171.8 & 7CR.20171.8	2	



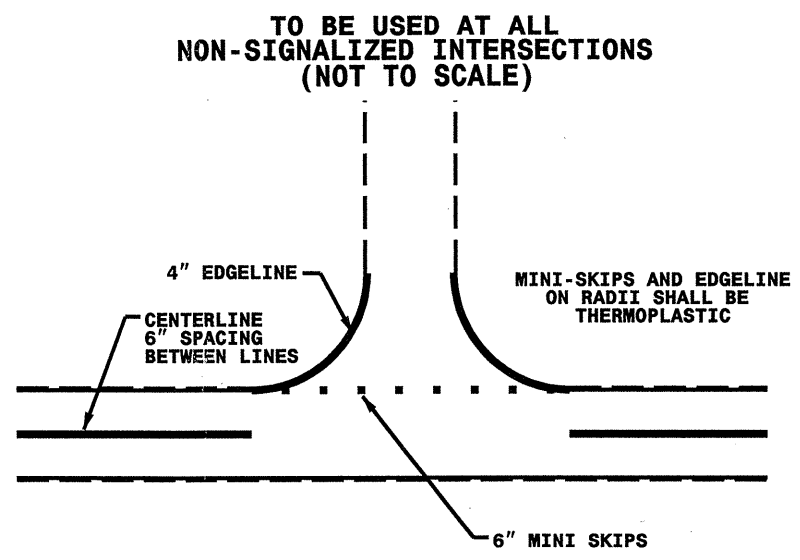
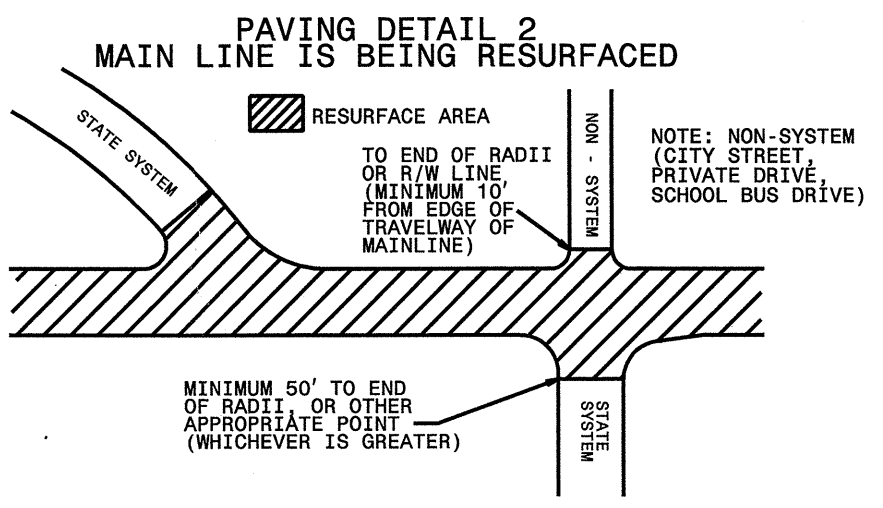
TYPICAL SECTION NO. 1



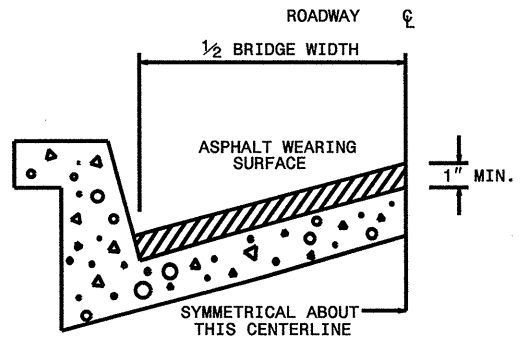
TYPICAL SECTION NO. 2



TYPICAL SECTION NO. 3



NOTE: MINI SKIPS SHALL BE PLACED ON A 10' CYCLE, CONTAINING AN 8' AND 2' SKIP, THE WIDTH OF THE SKIP SHALL BE 6".



BRIDGE HALF TYPICAL SECTION

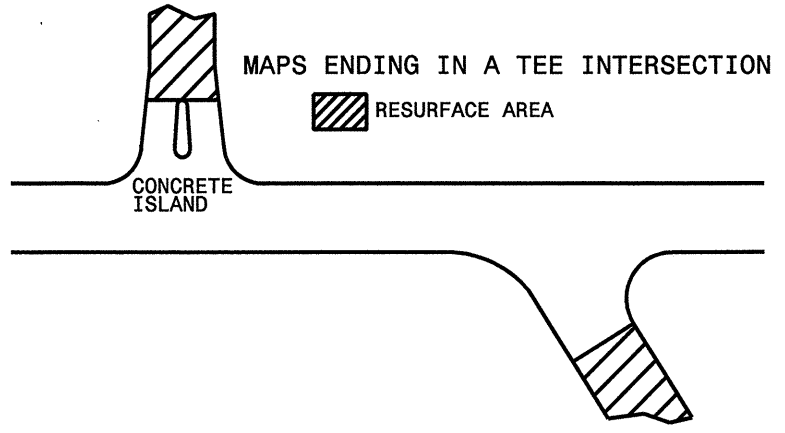
FOR BRIDGES WITH FLOOR DRAINS, CARE SHALL BE EXERCISED IN PLACING THE WEARING SURFACE AROUND FLOOR DRAINS SO AS NOT TO HINDER EFFECTIVE DRAINAGE. ALL DRAINS SHALL BE LEFT OPEN. THE PROPOSED WEARING SURFACE SHALL VARY IN THICKNESS AS NECESSARY TO PROVIDE A SMOOTH RIDING SURFACE. A THICKNESS OF NOT LESS THAN 1" 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 RADDII, 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.

PAVING DETAIL 1  
 MAIN LINE IS NOT BEING RESURFACED



PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C2	PROP. APPROX. 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C3	PROP. APPROX. 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 137.5 LBS. PER SQ. YD.
T	SHOULDER RECONSTRUCTION, AS DIRECTED BY THE ENGINEER.
U	EXISTING PAVEMENT.

PROJECT NO.	SHEET NO.	TOTAL NO.
7CR.10171.8 & 7CR.20171.8	<b>3</b>	

## SUMMARY OF QUANTITIES

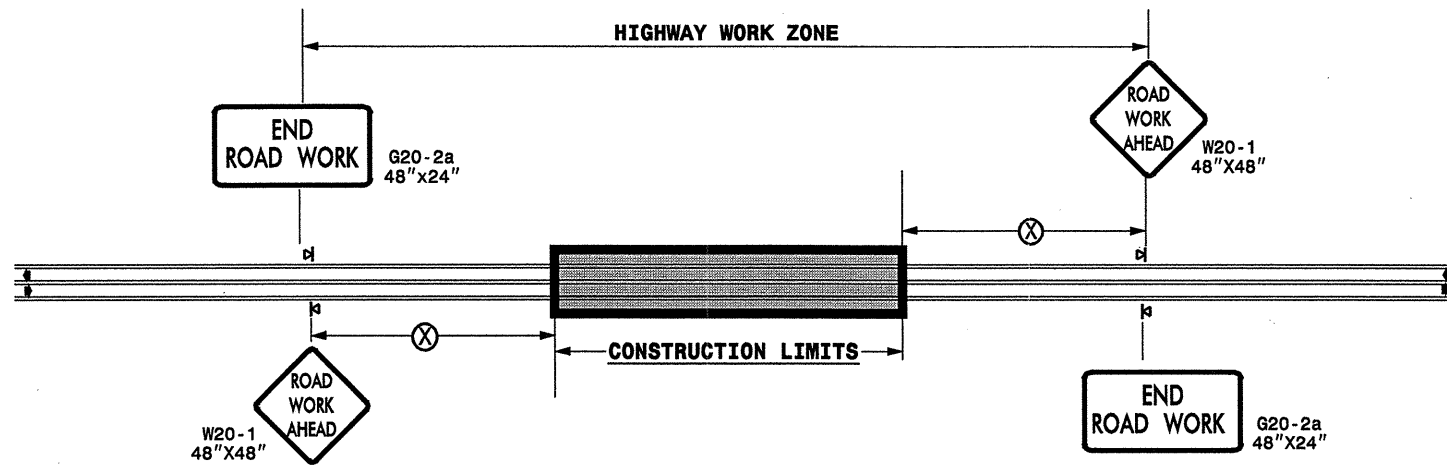
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LENGTH MI	WIDTH FT	INCIDENTAL STONE BASE TONS	SHOULDER RECONSTRUCTION SMI	SURFACE COURSE, S9.5B TONS	SURFACE COURSE, SF9.5A TONS	PG 64-22 PLANT MIX TONS	SEED & MULCHING AC	RESIDENTIAL SEEDING AC
7CR.10171.8	Caswell	1	NC 49	ORANGE COUNTY TO PERSON COUNTY	1	0.06	26 - 43	58	2.4	102		6	0.60	0.26
					1	0.03	24 - 26			37	2			
					1	2.27	24			2,769	166			
<b>TOTAL FOR MAP NO. 1</b>						<b>2.36</b>		<b>58</b>	<b>2.4</b>	<b>2,908</b>		<b>174</b>	<b>0.60</b>	<b>0.26</b>
"	"	2	NC 150	FROM US 158 TO SR 1129 (TURNER RD)	2	3.26	20	120	3.26		3,235	210	0.75	0.44
<b>TOTAL FOR PROJ NO. 7CR.10171.8</b>						<b>5.62</b>		<b>178</b>	<b>5.66</b>	<b>2,908</b>	<b>3,235</b>	<b>384</b>	<b>1.35</b>	<b>0.70</b>
7CR.20171.8	Caswell	3	SR 1300 (PARK SPRINGS RD)	FROM SR 1341 (LAW RD) TO NC 86	3	4.17	22	175	4.97		3,883	252	1.00	0.81
					3	0.06	22 - 23			55	4			
					3	0.74	23			690	45			
					3	0.01	24 - 34			12	1			
<b>TOTAL FOR MAP NO. 3</b>						<b>4.98</b>		<b>175</b>	<b>4.97</b>	<b>4,640</b>	<b>302</b>	<b>1.00</b>	<b>0.81</b>	
"	"	4	SR 1511 (BERTHA WILSON RD)	FROM SR 1503 (WALTERS MILL RD) TO SR 1523 (BLANCH RD)	3	1.25	18	55	2.98		933	61	0.70	0.39
					3	0.19	20			154	10			
					3	1.54	18			1,145	74			
<b>TOTAL FOR MAP NO. 4</b>						<b>2.98</b>		<b>55</b>	<b>2.98</b>	<b>2,232</b>	<b>145</b>	<b>0.70</b>	<b>0.39</b>	
<b>TOTAL FOR PROJ NO. 7CR.20171.8</b>						<b>7.96</b>		<b>230</b>	<b>7.95</b>	<b>6,872</b>	<b>447</b>	<b>1.70</b>	<b>1.20</b>	
<b>GRAND TOTAL</b>						<b>13.58</b>		<b>408</b>	<b>13.61</b>	<b>2,908</b>	<b>10,107</b>	<b>831</b>	<b>3.05</b>	<b>1.90</b>

PROJECT NO.	SHEET NO.	TOTAL NO.
7CR.10171.8, 7CR.20171.8	4	

## THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	4685000000-E	4686000000-E	4690000000-E	4810000000-E	4810000000-E
					4" X 90 M WHITE THERMO LF	4" X 120 M YELLOW THERMO LF	6" X 120 M WHITE THERMO LF	4" WHITE PAINT LF	4" YELLOW PAINT LF
7CR.10171.8	Caswell	1	NC 49	ORANGE COUNTY TO PERSON COUNTY	24,966	17,234	82		
		"	"						
		"	"						
<b>TOTAL FOR MAP NO. 1</b>					<b>24,966</b>	<b>17,234</b>	<b>82</b>		
		2	NC 150	FROM US 158 TO SR 1129 TURNER RD	34,428	25,443	54		
<b>TOTAL FOR PROJ NO. 7CR.10171.8</b>					<b>59,394</b>	<b>42,677</b>	<b>136</b>		
7CR.20171.8	Caswell	3	SR 1300 (PARK SPRINGS RD)	FROM SR 1341 (LAW RD) TO NC 86	1,120		162	102,840	100,336
		"	"						
		"	"						
<b>TOTAL FOR MAP NO. 3</b>					<b>1,120</b>		<b>162</b>	<b>102,840</b>	<b>100,336</b>
		4	SR 1511 (BERTHA WILSON RD)	FROM SR 1503 (WALTERS MILL RD) TO SR 1523 (BLANCH RD)	250		42	62,540	60,334
		"	"						
		"	"						
<b>TOTAL FOR MAP NO. 4</b>					<b>250</b>		<b>42</b>	<b>62,540</b>	<b>60,334</b>
<b>TOTAL FOR PROJ NO. 7CR.20171.8</b>					<b>1,370</b>		<b>204</b>	<b>165,380</b>	<b>160,670</b>
<b>GRAND TOTAL</b>					<b>60,764</b>	<b>42,677</b>	<b>340</b>	<b>165,380</b>	<b>160,670</b>
								<b>326,050</b>	

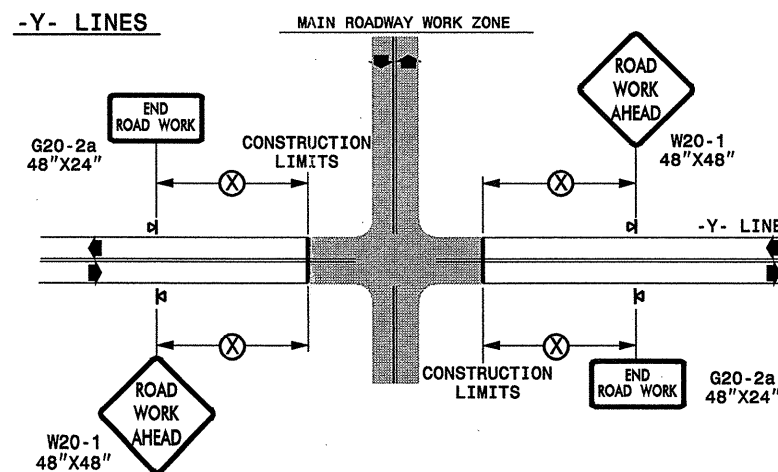
**TWO-WAY UNDIVIDED \*\* (L-LINES)**



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)**



DETAIL DRAWING  
FOR TWO-WAY UNDIVIDED  
WORK ZONE WARNING SIGNS

**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

SHEET 1 OF 1

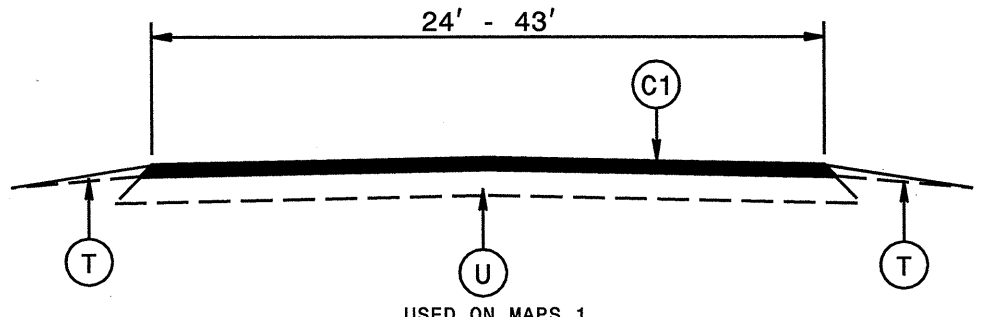
APPROVED: _____	DATE: _____
DETAIL DRAWING FOR TWO-WAY UNDIVIDED ADVANCED WORK ZONE WARNING SIGNS	
SCALE: NONE	REVISIONS
DATE: _____	7-98 10/01
DWG. BY: _____	10-98 03/04
DESIGN BY: _____	01/01 11/04
REVIEWED BY: _____	

09-OCT-2007 11:02  
 s:\design\gr\oup4\resurfacing\resurfacing2007\div07\c201935\_7cr101718\_2wayundivurbf\wys\july2006.dgn  
 psey/more AT WZTC237502

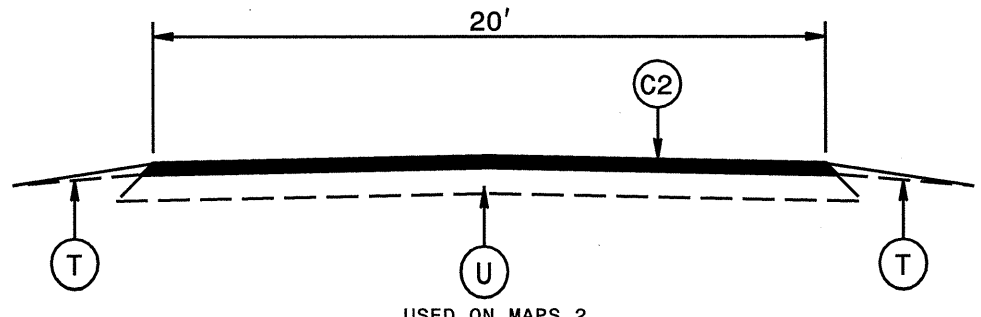
5/28/99

\*\*\*\*\*  
 SYSTEMS  
 ON  
 THE  
 MAIN  
 LINE  
 \*\*\*\*\*

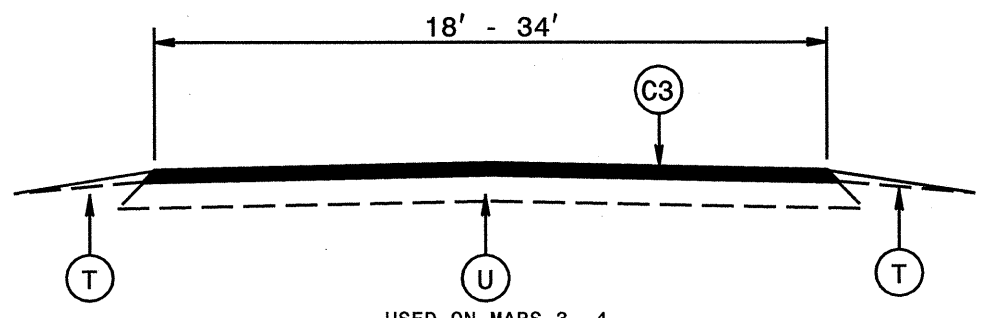
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	7CR.10171.8 & 7CR.20171.8	2	



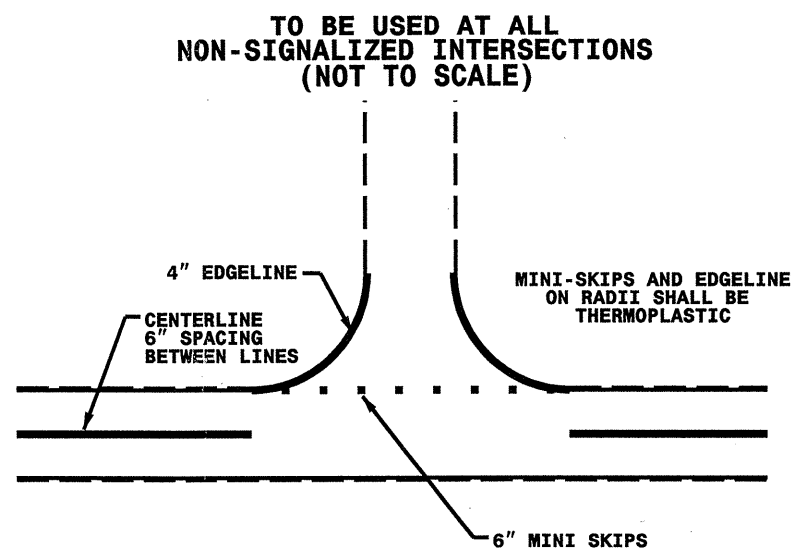
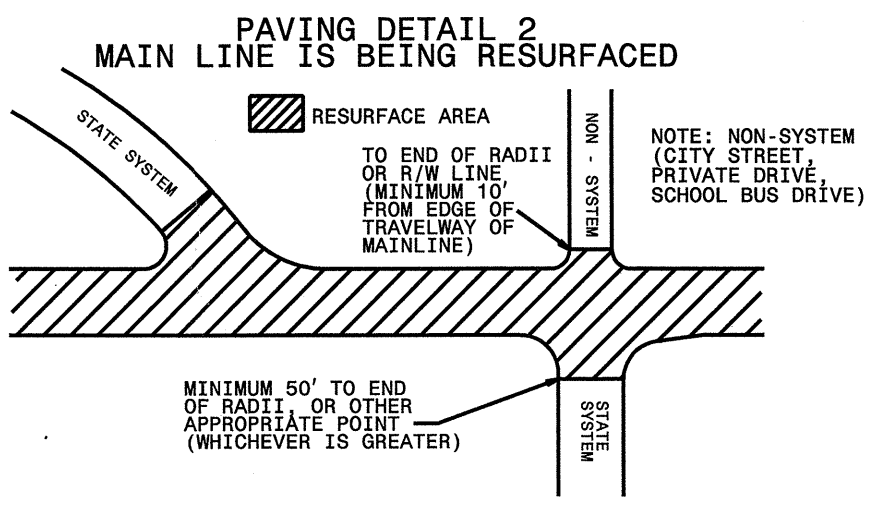
USED ON MAPS 1  
**TYPICAL SECTION NO. 1**



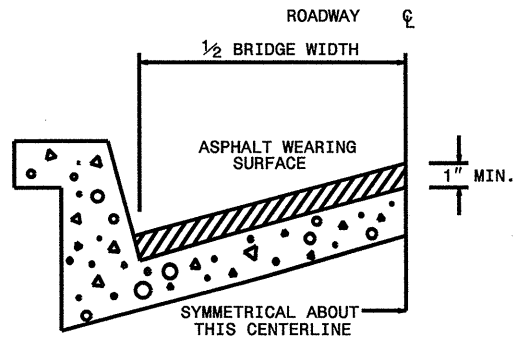
USED ON MAPS 2  
**TYPICAL SECTION NO. 2**



USED ON MAPS 3, 4  
**TYPICAL SECTION NO. 3**



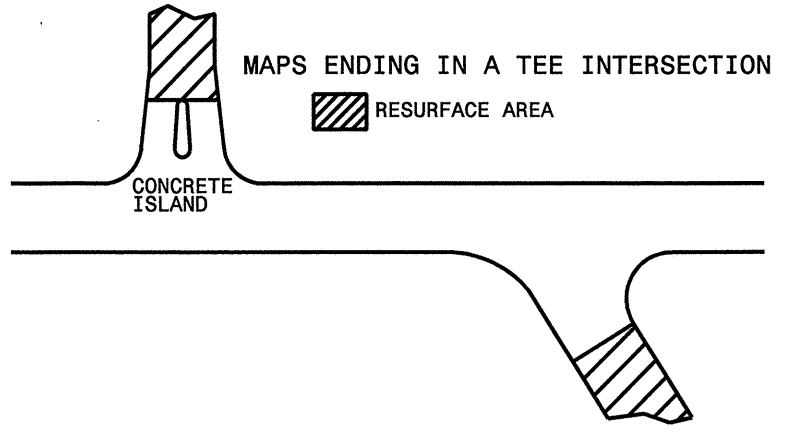
NOTE: MINI SKIPS SHALL BE PLACED ON A 10' CYCLE, CONTAINING AN 8' AND 2' SKIP, THE WIDTH OF THE SKIP SHALL BE 6".



**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 1" 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 RADDII, 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.

**PAVING DETAIL 1  
 MAIN LINE IS NOT BEING RESURFACED**



PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C2	PROP. APPROX. 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C3	PROP. APPROX. 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 137.5 LBS. PER SQ. YD.
T	SHOULDER RECONSTRUCTION, AS DIRECTED BY THE ENGINEER.
U	EXISTING PAVEMENT.

PROJECT NO.	SHEET NO.	TOTAL NO.
7CR.10171.8 & 7CR.20171.8	3	

## SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LENGTH MI	WIDTH FT	INCIDENTAL STONE BASE TONS	SHOULDER RECONSTRUCTION SMI	SURFACE COURSE, S9.5B TONS	SURFACE COURSE, SF9.5A TONS	PG 64-22 PLANT MIX TONS	SEED & MULCHING AC	RESIDENTIAL SEEDING AC
7CR.10171.8	Caswell	1	NC 49	ORANGE COUNTY TO PERSON COUNTY	1	0.06	26 - 43	58	2.4	102		6	0.60	0.26
					1	0.03	24 - 26			37	2			
					1	2.27	24			2,769	166			
					<b>TOTAL FOR MAP NO. 1</b>						<b>2.36</b>		<b>58</b>	<b>2.4</b>
"	"	2	NC 150	FROM US 158 TO SR 1129 (TURNER RD)	2	3.26	20	120	3.26		3,235	210	0.75	0.44
<b>TOTAL FOR PROJ NO. 7CR.10171.8</b>						<b>5.62</b>		<b>178</b>	<b>5.66</b>	<b>2,908</b>	<b>3,235</b>	<b>384</b>	<b>1.35</b>	<b>0.70</b>
7CR.20171.8	Caswell	3	SR 1300 (PARK SPRINGS RD)	FROM SR 1341 (LAW RD) TO NC 86	3	4.17	22	175	4.97		3,883	252	1.00	0.81
					3	0.06	22 - 23			55	4			
					3	0.74	23			690	45			
					3	0.01	24 - 34			12	1			
<b>TOTAL FOR MAP NO. 3</b>						<b>4.98</b>		<b>175</b>	<b>4.97</b>	<b>4,640</b>	<b>302</b>	<b>1.00</b>	<b>0.81</b>	
"	"	4	SR 1511 (BERTHA WILSON RD)	FROM SR 1503 (WALTERS MILL RD) TO SR 1523 (BLANCH RD)	3	1.25	18	55	2.98		933	61	0.70	0.39
					3	0.19	20			154	10			
					3	1.54	18			1,145	74			
<b>TOTAL FOR MAP NO. 4</b>						<b>2.98</b>		<b>55</b>	<b>2.98</b>	<b>2,232</b>	<b>145</b>	<b>0.70</b>	<b>0.39</b>	
<b>TOTAL FOR PROJ NO. 7CR.20171.8</b>						<b>7.96</b>		<b>230</b>	<b>7.95</b>	<b>6,872</b>	<b>447</b>	<b>1.70</b>	<b>1.20</b>	
<b>GRAND TOTAL</b>						<b>13.58</b>		<b>408</b>	<b>13.61</b>	<b>2,908</b>	<b>10,107</b>	<b>831</b>	<b>3.05</b>	<b>1.90</b>

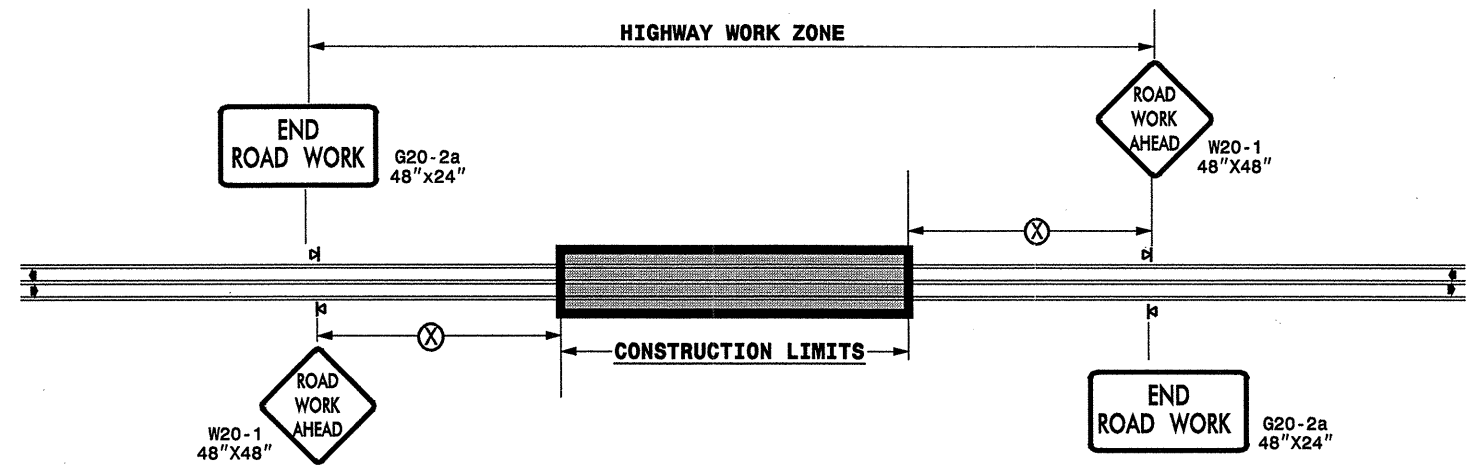
PROJECT NO.	SHEET NO.	TOTAL NO.
7CR.10171.8, 7CR.20171.8	4	

## THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	4685000000-E	4686000000-E	4690000000-E	4810000000-E	4810000000-E
					4" X 90 M WHITE THERMO LF	4" X 120 M YELLOW THERMO LF	6" X 120 M WHITE THERMO LF	4" WHITE PAINT LF	4" YELLOW PAINT LF
7CR.10171.8	Caswell	1	NC 49	ORANGE COUNTY TO PERSON COUNTY	24,966	17,234	82		
		"	"						
		"	"						
<b>TOTAL FOR MAP NO. 1</b>					24,966	17,234	82		
		2	NC 150	FROM US 158 TO SR 1129 TURNER RD	34,428	25,443	54		
<b>TOTAL FOR PROJ NO. 7CR.10171.8</b>					<b>59,394</b>	<b>42,677</b>	<b>136</b>		
7CR.20171.8	Caswell	3	SR 1300 (PARK SPRINGS RD)	FROM SR 1341 (LAW RD) TO NC 86	1,120		162	102,840	100,336
		"	"						
		"	"						
<b>TOTAL FOR MAP NO. 3</b>					1,120		162	102,840	100,336
		4	SR 1511 (BERTHA WILSON RD)	FROM SR 1503 (WALTERS MILL RD) TO SR 1523 (BLANCH RD)	250		42	62,540	60,334
		"	"						
		"	"						
<b>TOTAL FOR MAP NO. 4</b>					<b>250</b>		<b>42</b>	<b>62,540</b>	<b>60,334</b>
<b>TOTAL FOR PROJ NO. 7CR.20171.8</b>					<b>1,370</b>		<b>204</b>	<b>165,380</b>	<b>160,670</b>
<b>GRAND TOTAL</b>					<b>60,764</b>	<b>42,677</b>	<b>340</b>	<b>165,380</b>	<b>160,670</b>
								<b>326,050</b>	



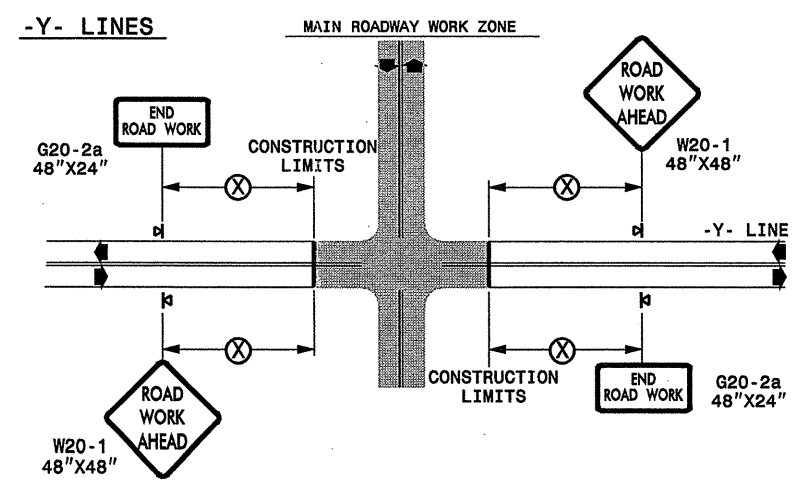
**TWO-WAY UNDIVIDED \*\* (L-LINES)**



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

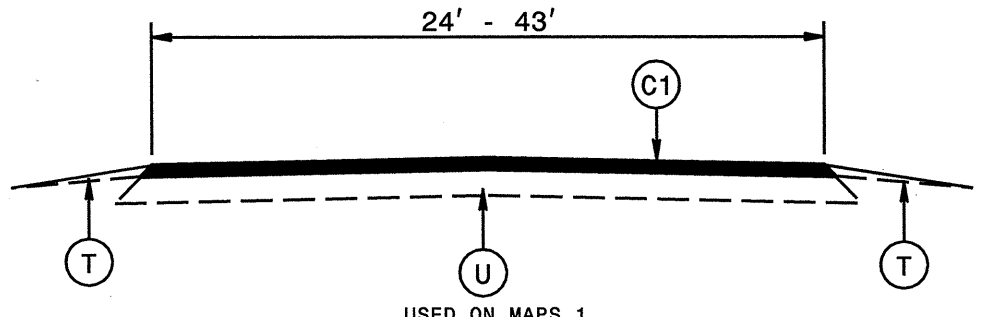
APPROVED: _____	DATE: _____	DETAIL DRAWING FOR TWO-WAY UNDIVIDED ADVANCED WORK ZONE WARNING SIGNS	
SEAL	SCALE: NONE		REVISIONS
	DATE: _____		7-98 10/01
	DWG. BY: _____		10-98 03/04
	DESIGN BY: _____		01/01 11/04
REVIEWED BY: _____	DATE: _____	SCALE: _____	FILE: _____

09-OCT-2007 11:02  
 s:\design\group4\resurfacing\resurfacing2007\div07\c201935\_7cr101718\_2wayundivurbf.rws\july2006.dgn  
 pseymore AT WZTC237502

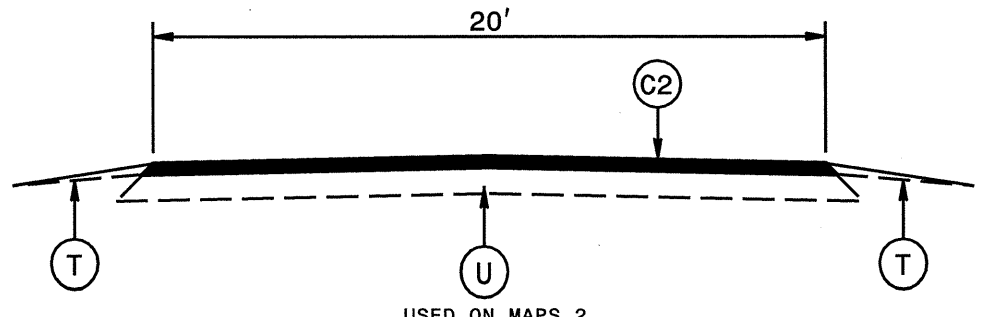
5/28/99

\*\*\*\*\*  
 SYSTEMS  
 ON  
 THE  
 MAIN  
 LINE  
 \*\*\*\*\*

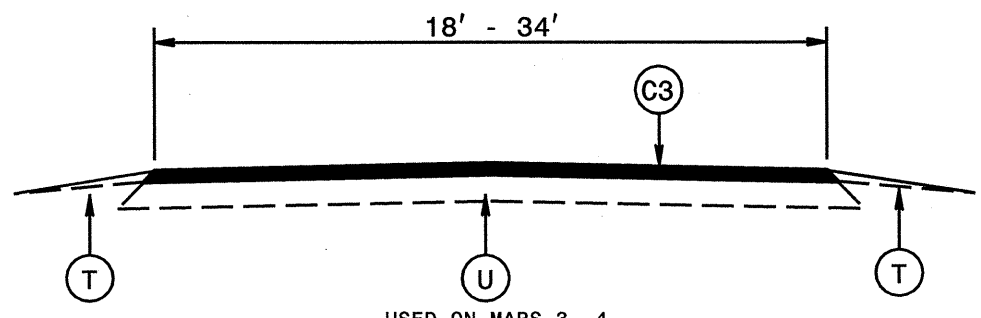
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	7CR.10171.8 & 7CR.20171.8	2	



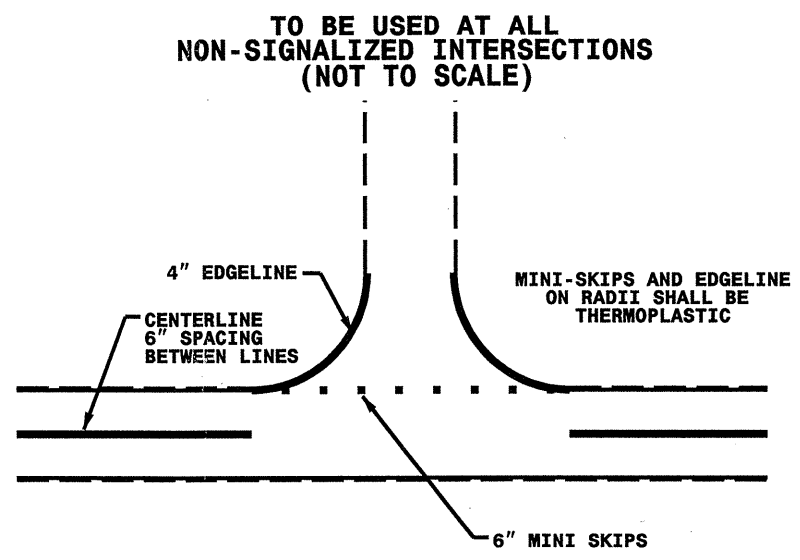
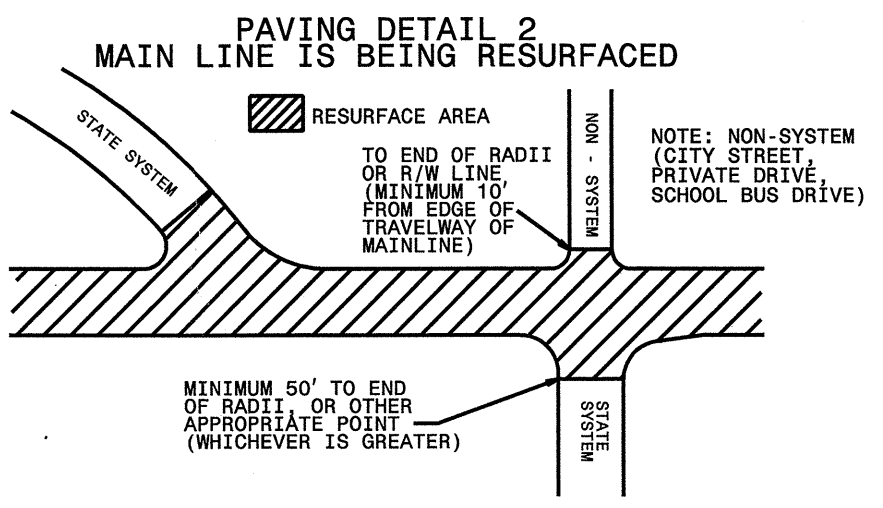
USED ON MAPS 1  
**TYPICAL SECTION NO. 1**



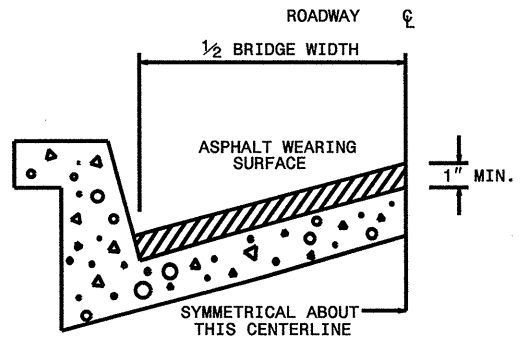
USED ON MAPS 2  
**TYPICAL SECTION NO. 2**



USED ON MAPS 3, 4  
**TYPICAL SECTION NO. 3**



NOTE: MINI SKIPS SHALL BE PLACED ON A 10' CYCLE, CONTAINING AN 8' AND 2' SKIP, THE WIDTH OF THE SKIP SHALL BE 6".



**BRIDGE HALF TYPICAL SECTION**

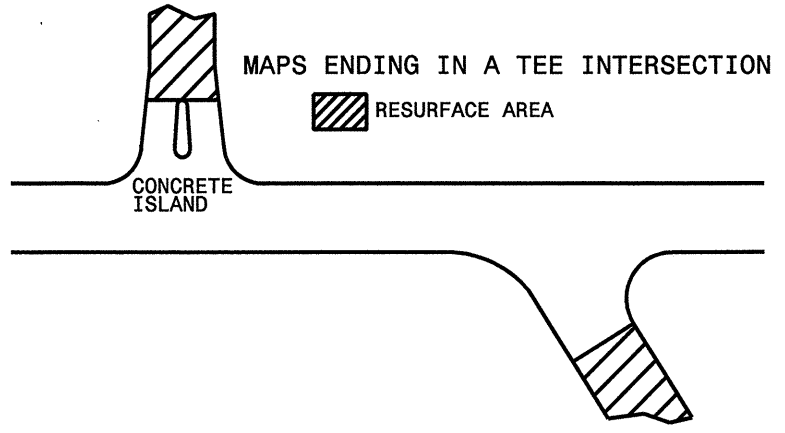
FOR BRIDGES WITH FLOOR DRAINS, CARE SHALL BE EXERCISED IN PLACING THE WEARING SURFACE AROUND FLOOR DRAINS SO AS NOT TO HINDER EFFECTIVE DRAINAGE. ALL DRAINS SHALL BE LEFT OPEN. THE PROPOSED WEARING SURFACE SHALL VARY IN THICKNESS AS NECESSARY TO PROVIDE A SMOOTH RIDING SURFACE. A THICKNESS OF NOT LESS THAN 1" 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 RADDII, 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.

**PAVING DETAIL 1  
 MAIN LINE IS NOT BEING RESURFACED**



PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C2	PROP. APPROX. 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C3	PROP. APPROX. 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 137.5 LBS. PER SQ. YD.
T	SHOULDER RECONSTRUCTION, AS DIRECTED BY THE ENGINEER.
U	EXISTING PAVEMENT.

PROJECT NO.	SHEET NO.	TOTAL NO.
7CR.10171.8 & 7CR.20171.8	3	

## SUMMARY OF QUANTITIES

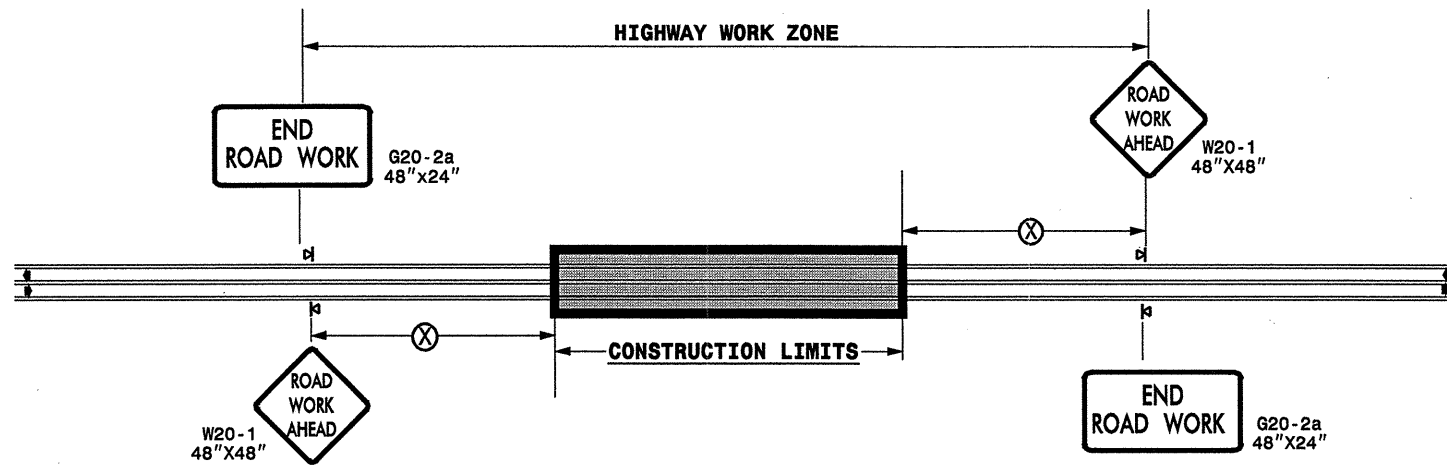
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LENGTH MI	WIDTH FT	INCIDENTAL STONE BASE TONS	SHOULDER RECONSTRUCTION SMI	SURFACE COURSE, S9.5B TONS	SURFACE COURSE, SF9.5A TONS	PG 64-22 PLANT MIX TONS	SEED & MULCHING AC	RESIDENTIAL SEEDING AC
7CR.10171.8	Caswell	1	NC 49	ORANGE COUNTY TO PERSON COUNTY	1	0.06	26 - 43	58	2.4	102		6	0.60	0.26
					1	0.03	24 - 26			37	2			
					1	2.27	24			2,769	166			
<b>TOTAL FOR MAP NO. 1</b>						<b>2.36</b>		<b>58</b>	<b>2.4</b>	<b>2,908</b>		<b>174</b>	<b>0.60</b>	<b>0.26</b>
"	"	2	NC 150	FROM US 158 TO SR 1129 (TURNER RD)	2	3.26	20	120	3.26		3,235	210	0.75	0.44
<b>TOTAL FOR PROJ NO. 7CR.10171.8</b>						<b>5.62</b>		<b>178</b>	<b>5.66</b>	<b>2,908</b>	<b>3,235</b>	<b>384</b>	<b>1.35</b>	<b>0.70</b>
7CR.20171.8	Caswell	3	SR 1300 (PARK SPRINGS RD)	FROM SR 1341 (LAW RD) TO NC 86	3	4.17	22	175	4.97		3,883	252	1.00	0.81
					3	0.06	22 - 23			55	4			
					3	0.74	23			690	45			
					3	0.01	24 - 34			12	1			
<b>TOTAL FOR MAP NO. 3</b>						<b>4.98</b>		<b>175</b>	<b>4.97</b>	<b>4,640</b>	<b>302</b>	<b>1.00</b>	<b>0.81</b>	
"	"	4	SR 1511 (BERTHA WILSON RD)	FROM SR 1503 (WALTERS MILL RD) TO SR 1523 (BLANCH RD)	3	1.25	18	55	2.98		933	61	0.70	0.39
					3	0.19	20			154	10			
					3	1.54	18			1,145	74			
<b>TOTAL FOR MAP NO. 4</b>						<b>2.98</b>		<b>55</b>	<b>2.98</b>	<b>2,232</b>	<b>145</b>	<b>0.70</b>	<b>0.39</b>	
<b>TOTAL FOR PROJ NO. 7CR.20171.8</b>						<b>7.96</b>		<b>230</b>	<b>7.95</b>	<b>6,872</b>	<b>447</b>	<b>1.70</b>	<b>1.20</b>	
<b>GRAND TOTAL</b>						<b>13.58</b>		<b>408</b>	<b>13.61</b>	<b>2,908</b>	<b>10,107</b>	<b>831</b>	<b>3.05</b>	<b>1.90</b>

PROJECT NO.	SHEET NO.	TOTAL NO.
7CR.10171.8, 7CR.20171.8	4	

## THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	4685000000-E	4686000000-E	4690000000-E	4810000000-E	4810000000-E
					4" X 90 M WHITE THERMO LF	4" X 120 M YELLOW THERMO LF	6" X 120 M WHITE THERMO LF	4" WHITE PAINT LF	4" YELLOW PAINT LF
7CR.10171.8	Caswell	1	NC 49	ORANGE COUNTY TO PERSON COUNTY	24,966	17,234	82		
		"	"						
		"	"						
<b>TOTAL FOR MAP NO. 1</b>					<b>24,966</b>	<b>17,234</b>	<b>82</b>		
		2	NC 150	FROM US 158 TO SR 1129 TURNER RD	34,428	25,443	54		
<b>TOTAL FOR PROJ NO. 7CR.10171.8</b>					<b>59,394</b>	<b>42,677</b>	<b>136</b>		
7CR.20171.8	Caswell	3	SR 1300 (PARK SPRINGS RD)	FROM SR 1341 (LAW RD) TO NC 86	1,120		162	102,840	100,336
		"	"						
		"	"						
<b>TOTAL FOR MAP NO. 3</b>					<b>1,120</b>		<b>162</b>	<b>102,840</b>	<b>100,336</b>
		4	SR 1511 (BERTHA WILSON RD)	FROM SR 1503 (WALTERS MILL RD) TO SR 1523 (BLANCH RD)	250		42	62,540	60,334
		"	"						
		"	"						
<b>TOTAL FOR MAP NO. 4</b>					<b>250</b>		<b>42</b>	<b>62,540</b>	<b>60,334</b>
<b>TOTAL FOR PROJ NO. 7CR.20171.8</b>					<b>1,370</b>		<b>204</b>	<b>165,380</b>	<b>160,670</b>
<b>GRAND TOTAL</b>					<b>60,764</b>	<b>42,677</b>	<b>340</b>	<b>165,380</b>	<b>160,670</b>
								<b>326,050</b>	

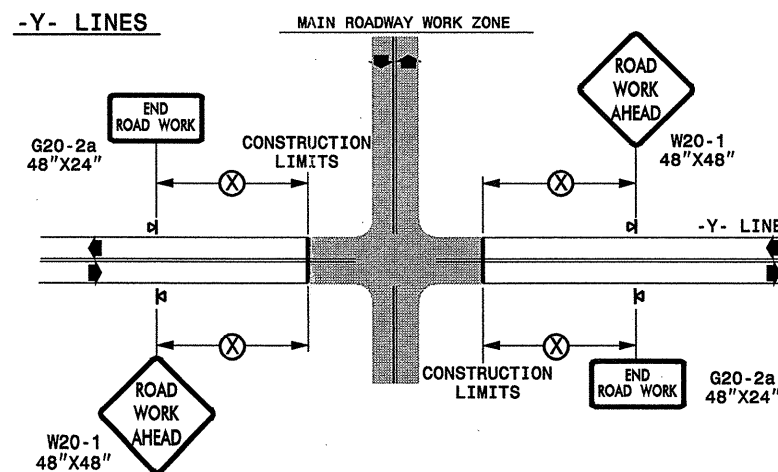
**TWO-WAY UNDIVIDED \*\* (L-LINES)**



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
	DWG. BY: _____		10-98 03/04
	DESIGN BY: _____		01/01 11/04
REVIEWED BY: _____			

09-OCT-2007 11:02  
s:\design\gr\oup4\resurfacing\resurfacing2007\div07\c201935\_7cr101718\_2wayundivurbf\wys\july2006.dgn  
pseymore AT WZTC237502