

09/08/09

CONTRACT NO.: WBS ELEMENT: IC.028042, ETC.

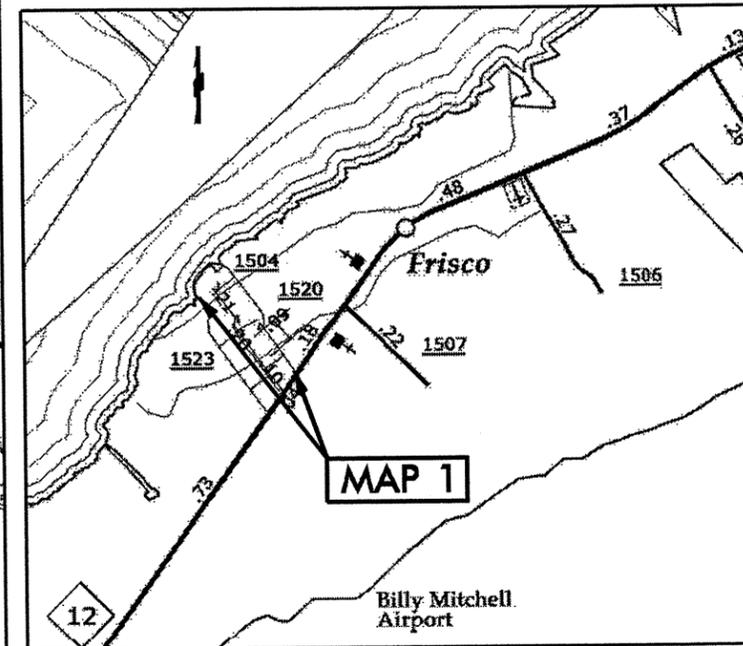
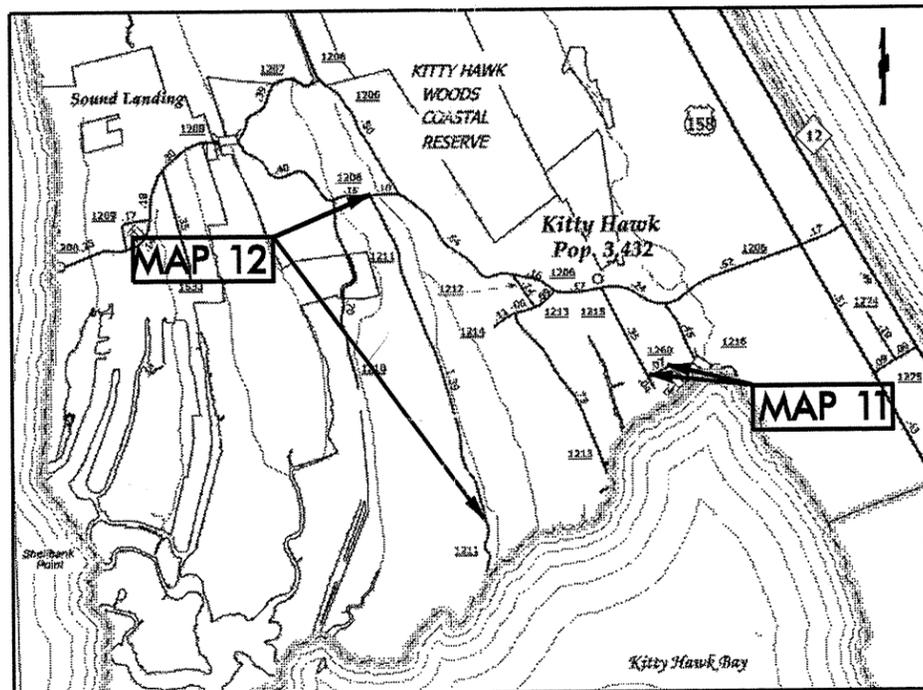
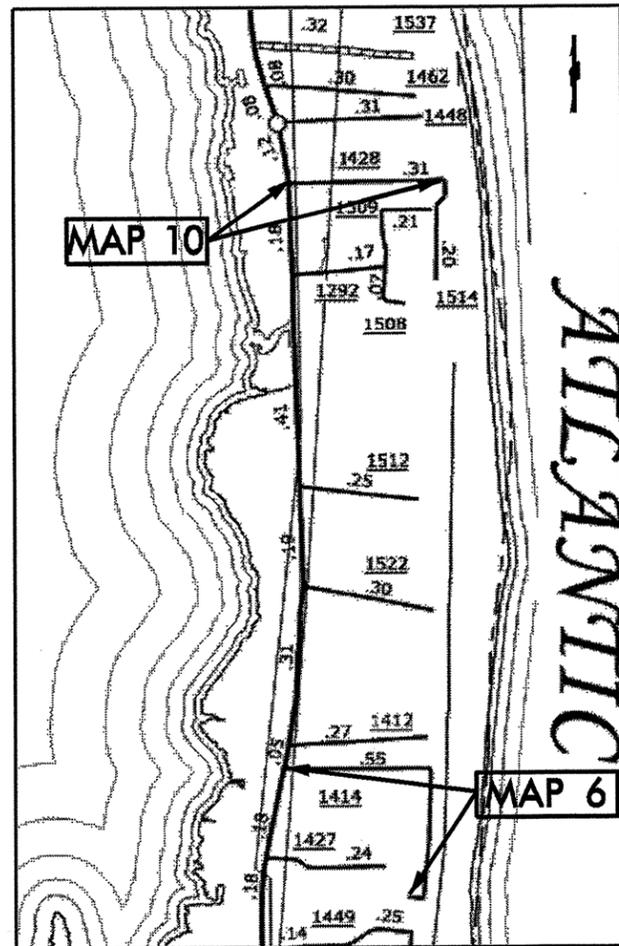
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

DARE COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	IC.028042, ETC.	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
1C.028042		MAP 1	
1CR.20281.86		MAP 6	
1CR.20281.90		MAP 10	
1CR.20281.91		MAP 11	
1CR.20281.93		MAP 12	

LOCATION: MAP 1 SR 1504 FROM NC 12 TO DEAD END
 MAP 6 SR 1414 FROM NC 12 TO END
 MAP 10 SR 1428 FROM NC 12 TO SR 1514
 MAP 11 SR 1260 FROM SR 1215 TO END
 MAP 12 SR 1211 FROM SR 1208 TO END OF PAVEMENT

TYPE OF WORK: RESURFACING & PAVEMENT MARKINGS



NTS

PROJECT LENGTH

- LENGTH OF ROADWAY PROJECT MAP 1 = 0.32 MI.
- LENGTH OF ROADWAY PROJECT MAP 6 = 0.57 MI.
- LENGTH OF ROADWAY PROJECT MAP 10 = 0.30 MI.
- LENGTH OF ROADWAY PROJECT MAP 11 = 0.08 MI.
- LENGTH OF ROADWAY PROJECT MAP 12 = 1.24 MI.

Prepared in the Office of:
DIVISION OF HIGHWAYS

113 Airport Dr., Edenton NC, 27932

2012 STANDARD SPECIFICATIONS

LETTING DATE:
July 17, 2012

W.B. HOBBS, P.E.
DIVISION PROJECT MANAGER

C.E. SLACHTA
DIVISION PROPOSALS ENGINEER

**DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA**



05/08/09

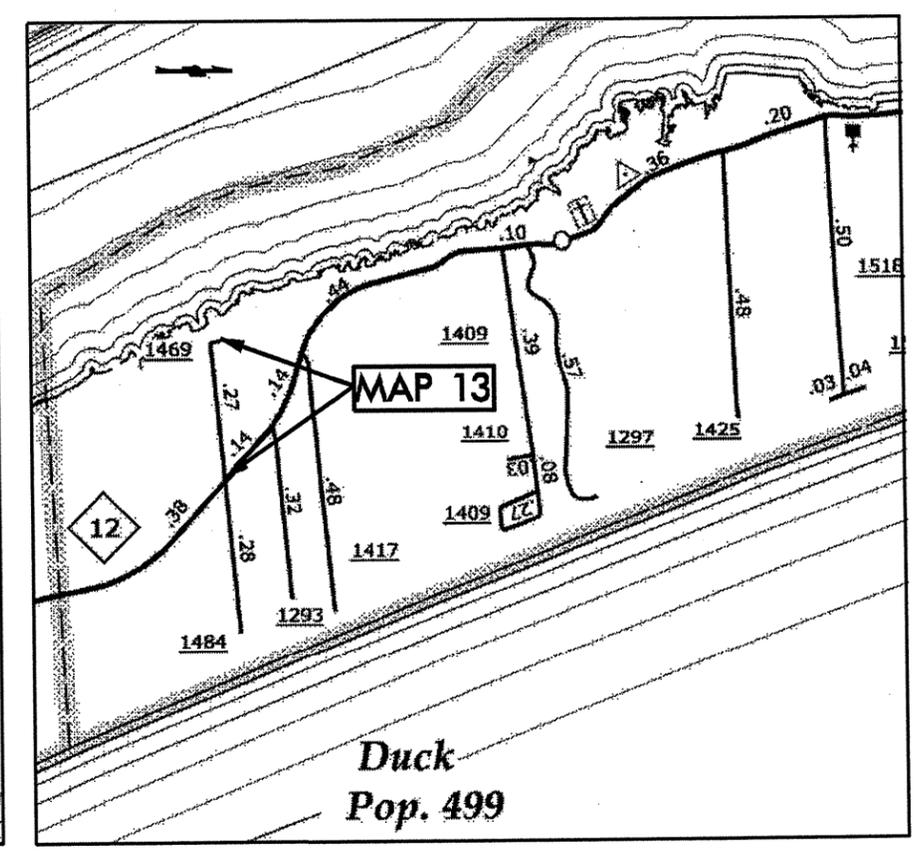
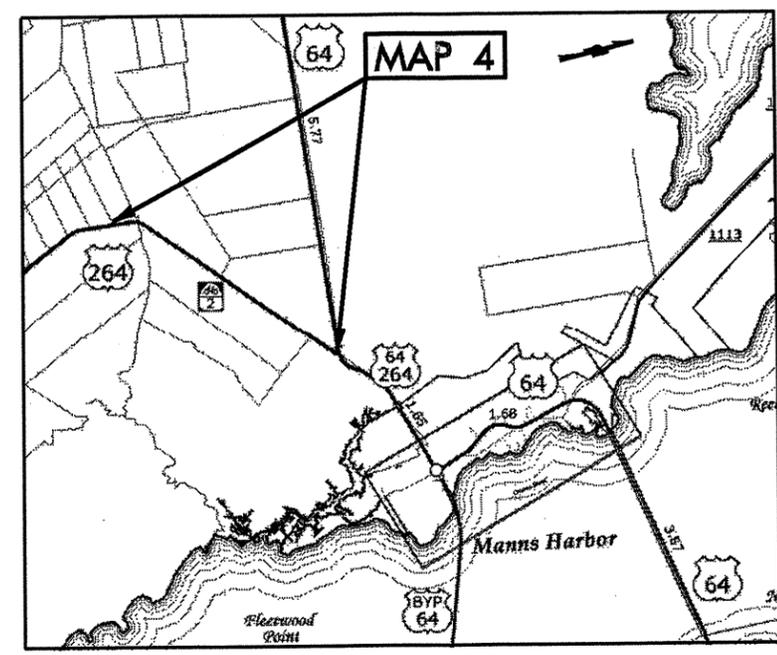
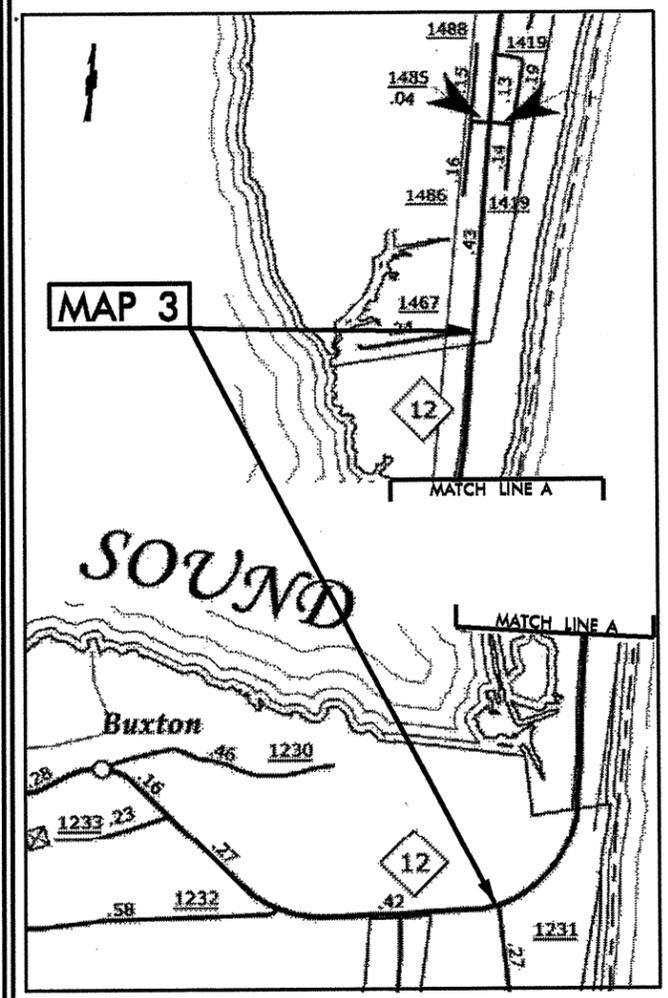
CONTRACT NO.: WBS ELEMENT: IC.028042, ETC.

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
DARE COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	IC.028042, ETC.	2	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
1CR.10281.19		MAP 3	
1CR.10281.20		MAP 4	
1CR.20281.94		MAP 13	

LOCATION: MAP 3 NC 12 FROM SR 1467 TO SR 1231
MAP 4 US 264 FROM US 64 TO CUB DRIVE
MAP 13 SR 1469 FROM NC 12 TO END

TYPE OF WORK: MILLING, RESURFACING & PAVEMENT MARKINGS



NTS

PROJECT LENGTH

LENGTH OF ROADWAY PROJECT MAP 3 = 3.83 MI.
LENGTH OF ROADWAY PROJECT MAP 4 = 2.98 MI.
LENGTH OF ROADWAY PROJECT MAP 13 = 0.26 MI.

Prepared in the Office of:
DIVISION OF HIGHWAYS
113 Airport Dr., Edenton NC, 27932

2012 STANDARD SPECIFICATIONS

LETTING DATE:
July 17, 2012

W.B. HOBBS, P.E.
DIVISION PROJECT MANAGER

C.E. SLACHTA
DIVISION PROPOSALS ENGINEER

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA



09/20/12

CONTRACT NO.: WBS ELEMENT: IC.028042, ETC.

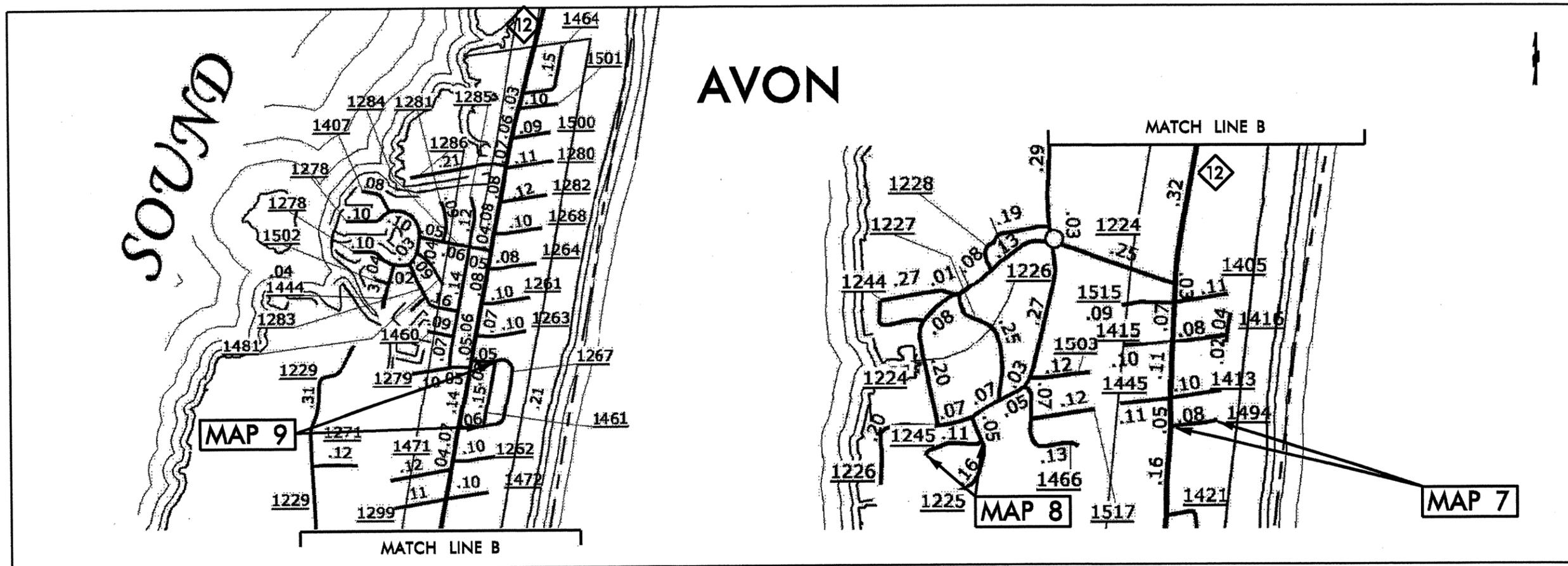
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

DARE COUNTY

LOCATION: MAP 7 SR 1494 FROM NC 12 TO END
MAP 8 SR 1245 FROM SR 1225 TO END
MAP 9 SR 1461 FROM SR 1267 TO SR 1267

TYPE OF WORK: RESURFACING & PAVEMENT MARKINGS

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	1C.028042, ETC.	3	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
1CR.20281.87		MAP 7	
1CR.20281.88		MAP 8	
1CR.20281.89		MAP 9	



NTS

PROJECT LENGTH

LENGTH OF ROADWAY PROJECT MAP 7 = 0.09 MI.
LENGTH OF ROADWAY PROJECT MAP 8 = 0.10 MI.
LENGTH OF ROADWAY PROJECT MAP 9 = 0.14 MI.

Prepared in the Office of:
DIVISION OF HIGHWAYS
113 Airport Dr., Edenton NC, 27932

2012 STANDARD SPECIFICATIONS

LETTING DATE:
July 17, 2012

W.B. HOBBS, P.E.
DIVISION PROJECT MANAGER

C.E. SLACHTA
DIVISION PROPOSALS ENGINEER

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA



09/08/99

WBS ELEMENT: IC.028042, ETC.

CONTRACT NO.:

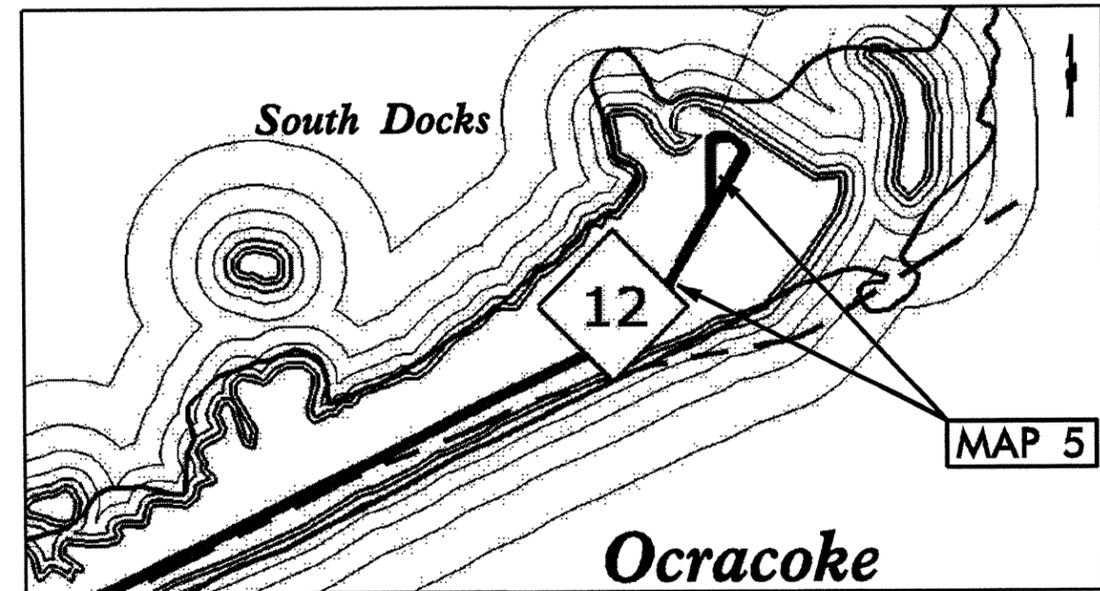
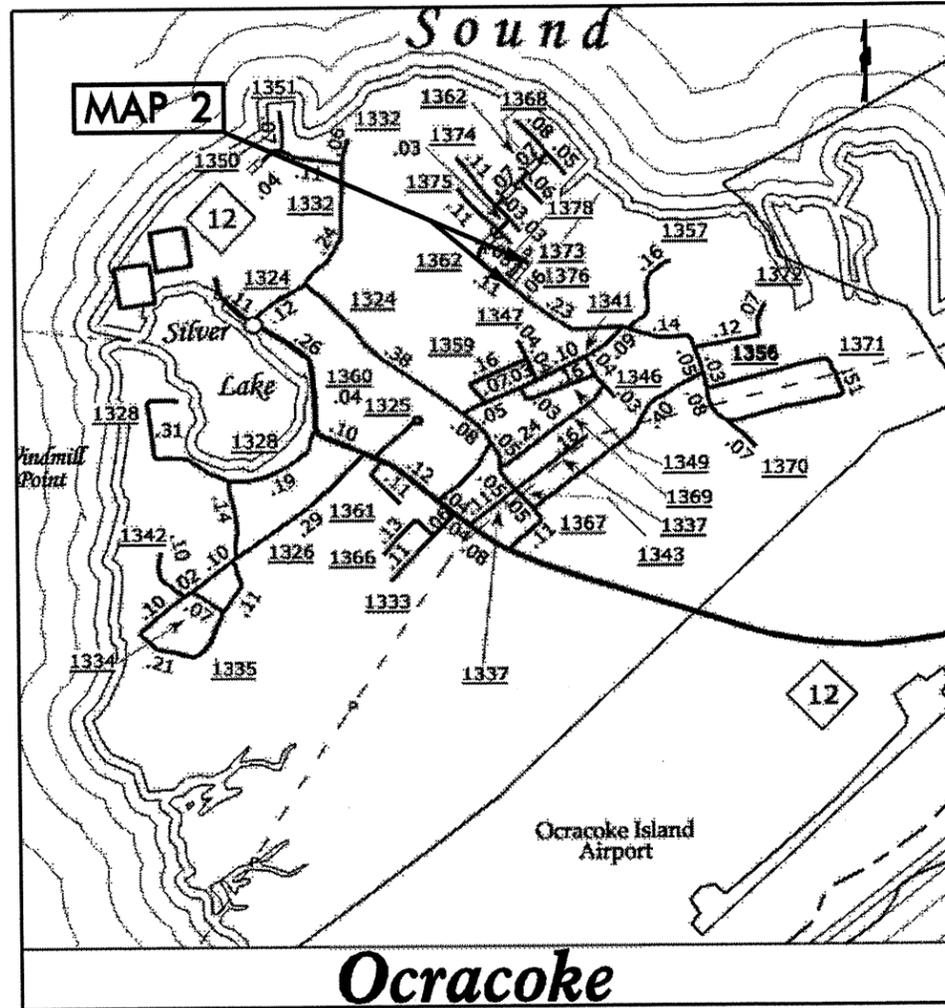
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

HYDE COUNTY

LOCATION: MAP 2 SR 1376 FROM SR 1362 TO DEAD END
MAP 5 NC 12 FROM PAVEMENT CHANGE TO END OF STACKING LANES

TYPE OF WORK: RESURFACING & PAVEMENT MARKINGS

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	1C.028042, ETC.	4	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
1C.048043		MAP 2	
1CR.10481.9		MAP 5	



NTS

PROJECT LENGTH

LENGTH OF ROADWAY PROJECT MAP 2 = 0.06 MI.
LENGTH OF ROADWAY PROJECT MAP 5 = 0.37 MI.

Prepared in the Office of:
DIVISION OF HIGHWAYS

113 Airport Dr., Edenton NC, 27932

2012 STANDARD SPECIFICATIONS

LETTING DATE:
July 17, 2012

W.B. HOBBS, P.E.
DIVISION PROJECT MANAGER

C.E. SLACHTA
DIVISION PROPOSALS ENGINEER

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA



PAVEMENT SCHEDULE

C1	PROP. APPROX. 2" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD. PER INCH. IN EACH OF TWO LAYERS
J	EXISTING AGGREGATE BASE COURSE
P	PRIME COAT TO BE APPLIED AT AN AVERAGE RATE 0.35 GAL. PER SQ. YD.
T	EARTH MATERIAL

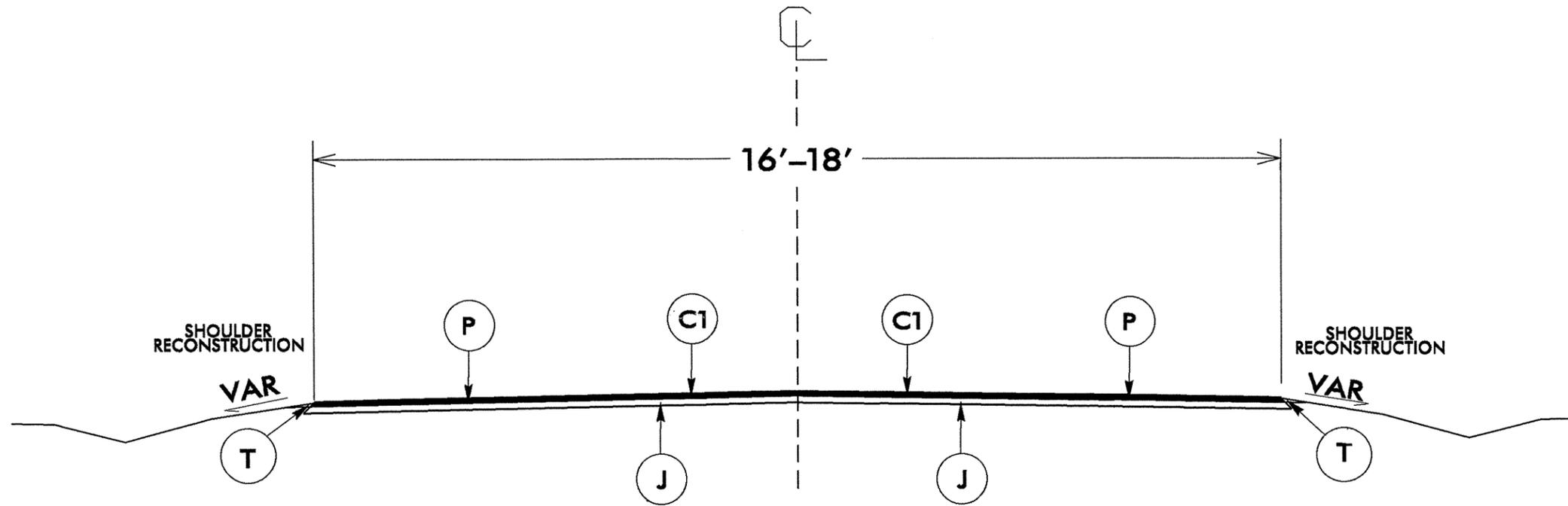
PROJECT REFERENCE NO.	SHEET NO.
1C.028042, ETC.	5

NOTES:

*ALL PAVED S.R. ROADS TO BE RESURFACED TO THE ENDS OF THE RADI., OR AS DIRECTED BY THE ENGINEER

*EDGES, PAVEMENT WIDENING, INTERSECTIONS, AND BRIDGE FLARES ARE INCLUDED IN THE TABLE OF QUANTITIES

*PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE



TYPICAL SECTION NO.1

USE WITH MAPS 1 & 2

NTS

3-MAY-2012 09:23 3:30 PM PROJECTS\Resurfacing Projects\Division 1\darehyde\1c.028042...ETC\1.Dare & amp\1c.028042, ETC.Dare & Hyde Resurfacing (2012-2013)\Pre-Bid Documents\1C.028042, ETC.Title & Typical - Copy.dgn

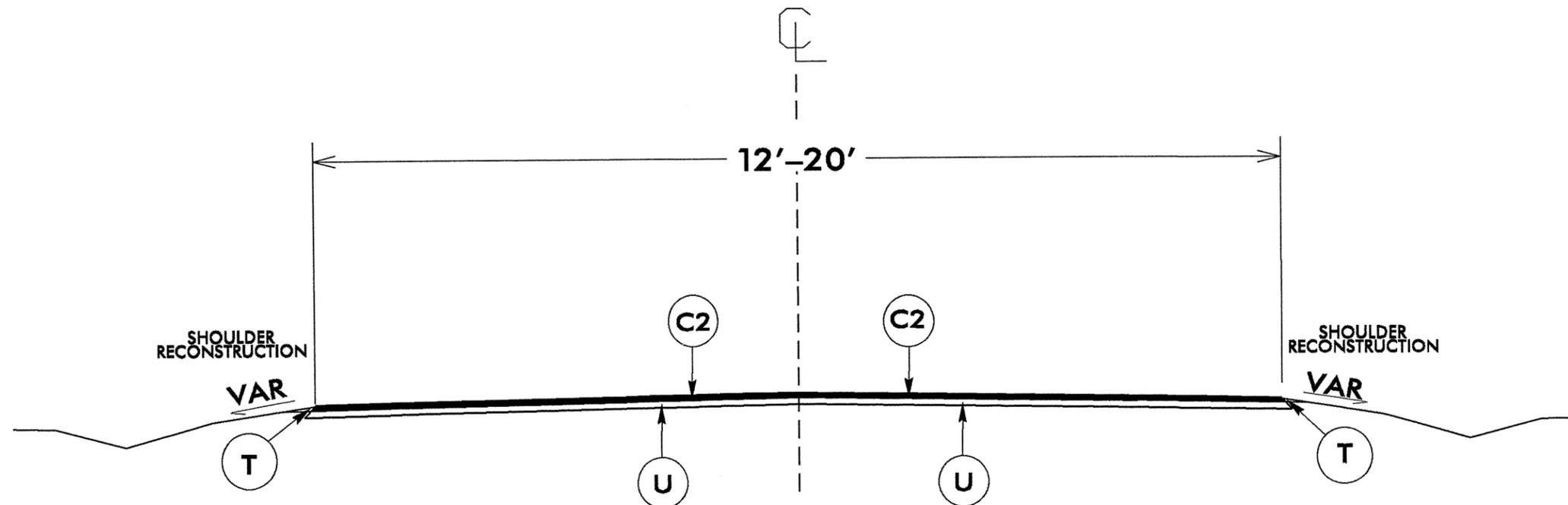
PAVEMENT SCHEDULE

C2	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
T	EARTH MATERIAL
U	EXISTING PAVEMENT.

PROJECT REFERENCE NO.	SHEET NO.
1C.028042, ETC.	6

NOTES:

- *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
- *PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE



TYPICAL SECTION NO.2

USE WITH MAP 6-13

NTS

30 MAY 2012 14:59
 S:\Contracts\Projects\Resurfacing Projects\Division 1\derahyde\1C.028042.ETC\11.Dere & Hyde Resurfacing (2012-2013)\1\Pre-Bid Documents\1C.028042.ETC.Title & Typical - Copy.dgn

30-MAY-2012 15:09
S:\Projects\Resurfacing Projects\Division 1\Drawings\IC.028042-ETC11.Dwg & Hyd Resurfacing (2012-2013)\1 Pre-Bid Documents\IC.028042, ETC, Title & Typical - Copy.dgn

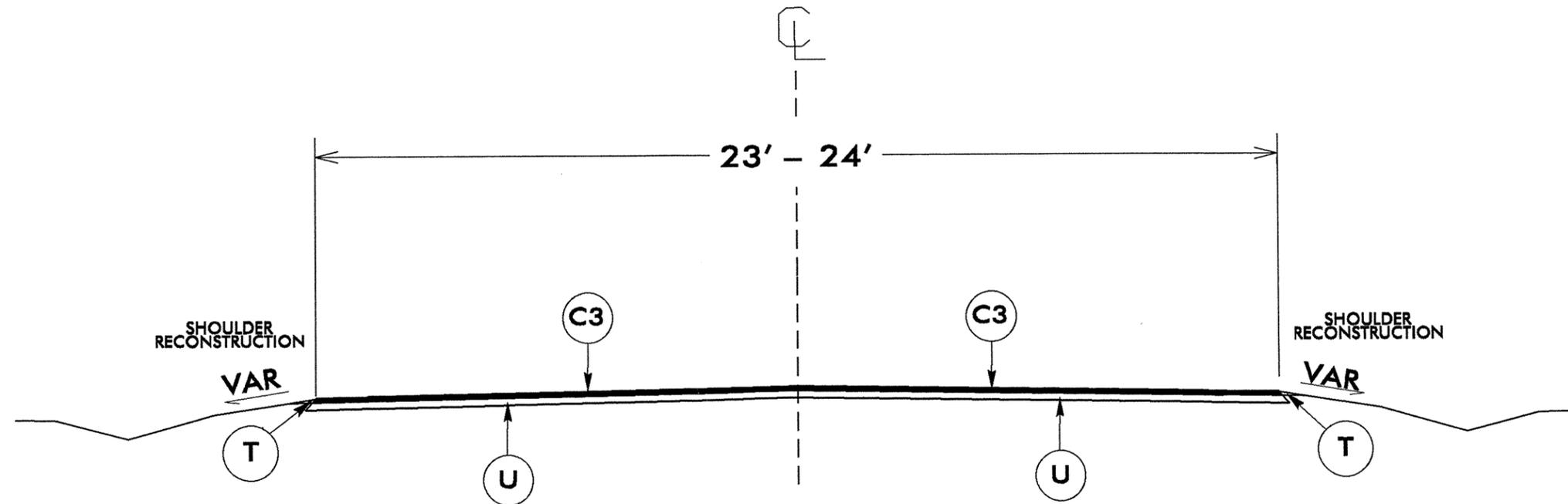
PAVEMENT SCHEDULE

C3	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
T	EARTH MATERIAL
U	EXISTING PAVEMENT.

NOTES:

- *ALL PAVED S.R. ROADS TO BE RESURFACED TO THE ENDS OF THE RADI., OR AS DIRECTED BY THE ENGINEER
- *EDGES, PAVEMENT WIDENING, INTERSECTIONS, AND BRIDGE FLARES ARE INCLUDED IN THE TABLE OF QUANTITIES
- *PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE

PROJECT REFERENCE NO.	SHEET NO.
1C.028042, ETC.	7



TYPICAL SECTION NO.3

USE WITH MAP 3 & 4

NTS

30-MAY-2012 15:11 Projects\Resurfacing Projects\Division 1\der-hyde\IC.028042, ETC. Dare & amp\IC.028042, ETC. Dare & amp\IC.028042, ETC. Title & Typical - Copy.dgn

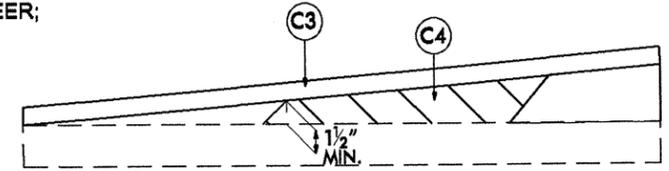
PROJECT REFERENCE NO. 1C.028042, ETC.	SHEET NO. 8
--	----------------

PAVEMENT SCHEDULE

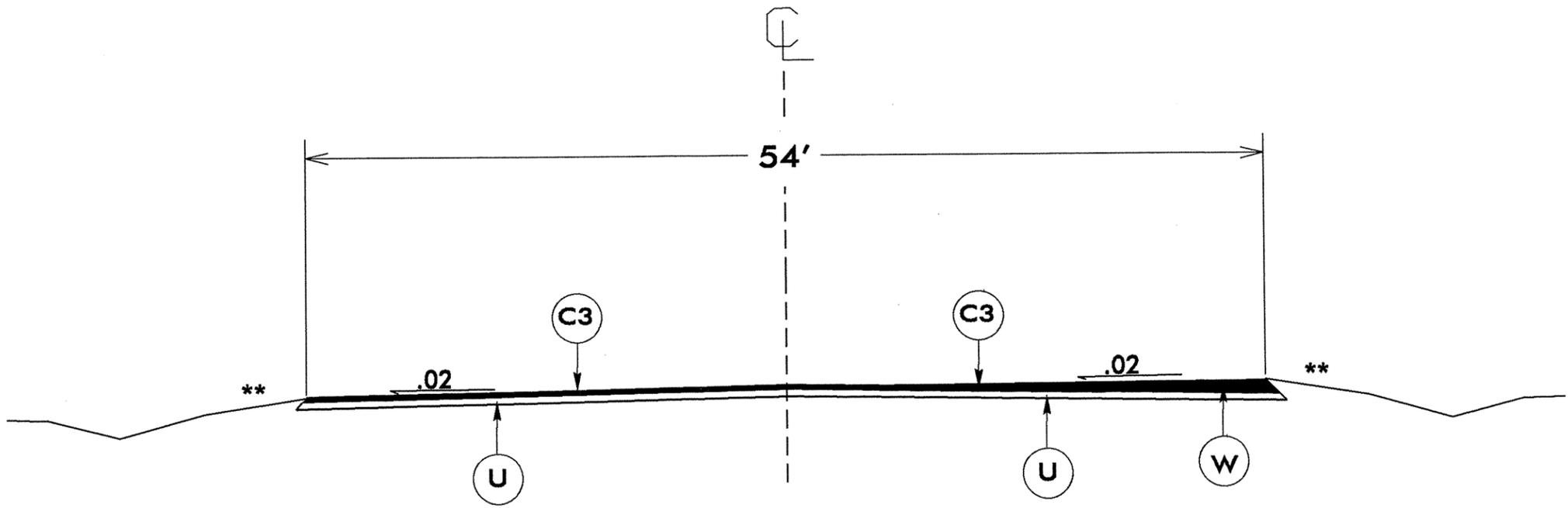
C3	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C4	PROP. VAR. DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 112 LBS. PER SQ. YD. PER INCH. TO BE PLACED IN LAYERS NOT TO EXCEED 2" IN DEPTH.
U	EXISTING PAVEMENT.
W	VARIABLE DEPTH ASPHALT PAVEMENT (SEE STANDARD WEDGING DETAIL)

NOTES:

- *ALL PAVED S.R. ROADS TO BE RESURFACED TO THE ENDS OF THE RADI., OR AS DIRECTED BY THE ENGINEER
- *EDGES, PAVEMENT WIDENING, INTERSECTIONS, AND BRIDGE FLARES ARE INCLUDED IN THE TABLE OF QUANTITIES
- *PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE
- *WEDGING SHALL BE PERFORMED AS DIRECTED BY THE ENGINEER; WEDGING IS INCLUDED IN ASPHALT QUANTITIES.
- **SHOULDER TO BE RECONSTRUCTED BY OTHERS



Wedging Detail For Resurfacing



TYPICAL SECTION NO.4

USE WITH MAP 5

NTS

PROJECT NO.	SHEET NO.	TOTAL NO.
1C.028042, ETC.	9	

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	FINAL SURFACE TESTING REQUIRED	LENGTH MI	WIDTH FT	AGGREGATE SHOULDER BORROW ALLOWED	BORROW CY	CONDITIONING EXISTING BASE MSY	INCIDENTAL STONE BASE TONS	SHOULDER RECONSTRUCTION SMI	PRIME COAT GAL	INCIDENTAL MILLING SY	SURFACE COURSE, S9.5B TONS	SURFACE COURSE, SF9.5A TONS	ASPHALT BINDER FOR PLANT MIX TONS	SEED & MULCHING AC
1C.028042	Dare	1	SR 1504	From NC 12 To DEAD END	1	NO	0.32	18	NO	13	3	10	0.64	1,014			431	29	0.32
1C.048043	Hyde	2	SR 1376	FROM SR 1362 TO DEAD END	1	NO	0.06	16	NO	4	1	10	0.12	170			47	3	0.10
1CR.10281.19	Dare	3	NC 12	SR 1467 TO SR 1231	3	NO	3.83	24	NO	153		5	7.66		150	4,553		273	4.00
1CR.10281.20	Dare	4	US 264	US 64 TO CUB DRIVE	3	NO	2.98	23	NO	120		5	5.96		130	3,561		214	3.00
1CR.10481.9	Hyde	5	NC 12	FROM PAVEMENT CHANGE TO END OF STACKING LANES	4	NO	0.37	54	NO			10				1,587		95	
1CR.20281.86	Dare	6	SR 1414	NC 12 TO END	2	NO	0.57	20	NO	22		10	1.14				670	45	0.50
1CR.20281.87	Dare	7	SR 1494	NC 12 TO END	2	NO	0.09	18	NO	3			0.18				130	9	0.09
1CR.20281.88	Dare	8	SR 1245	SR 1225 TO END	2	NO	0.10	12	NO	4		5	0.20				63	4	0.10
1CR.20281.89	Dare	9	SR 1461	SR 1267 TO SR 1267	2	NO	0.14	17	NO	5		5	0.28				121	8	0.15
1CR.20281.90	Dare	10	SR 1428	NC 12 TO SR 1514	2	NO	0.30	19	NO	12		10	0.60				333	22	0.30
1CR.20281.91	Dare	11	SR 1260	SR 1215 TO END	2	NO	0.08	18	NO	3		10	0.16				85	6	0.10
1CR.20281.93	Dare	12	SR 1211	SR 1208 TO END PVMT	2	NO	1.24	19	NO	50		25	2.48				1,168	78	
1CR.20281.94	Dare	13	SR 1469	NC 12 TO END	2	NO	0.26	20	NO	10			0.51				268	18	0.26
GRAND TOTAL							10.34			399	4	105	19.93	1,184	280	9,701	3,316	804	8.92

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	LENGTH	WIDTH	TEMPORARY TRAFFIC CONTROL LS	4" WHITE PAINT LF	4" YELLOW PAINT LF
1C.028042	Dare	1	SR 1504	FROM NC 12 TO DEAD END	0.32	18	*		
1C.048043	Hyde	2	SR 1376	FROM SR 1362 TO DEAD END	0.06	16	*		
1CR.10281.19	Dare	3	NC 12	SR 1467 TO SR 1231	3.83	24	*	41,211	25,278
1CR.10281.20	Dare	4	US 264	US 64 TO CUB DRIVE	2.98	23	*	32,065	19,668
1CR.10481.9	Hyde	5	NC 12	FROM PAVEMENT CHANGE TO END OF STACKING LANES	0.37	54	*		
1CR.20281.86	Dare	6	SR 1414	NC 12 TO END	0.57	20	*		
1CR.20281.87	Dare	7	SR 1494	NC 12 TO END	0.09	18	*		
1CR.20281.88	Dare	8	SR 1245	SR 1225 TO END	0.10	12	*		
1CR.20281.89	Dare	9	SR 1461	SR 1267 TO SR 1267	0.14	17	*		
1CR.20281.90	Dare	10	SR 1428	NC 12 TO SR 1514	0.30	19	*		
1CR.20281.91	Dare	11	SR 1260	SR 1215 TO END	0.08	18	*		
1CR.20281.93	Dare	12	SR 1211	SR 1208 TO END PVMT	1.24	19	*	13,342	8,184
1CR.20281.94	Dare	13	SR 1469	NC 12 TO END	0.26	20	*		
GRAND TOTAL					10.34		1	86,618	53,130
							139,748		