

PROJECT REFERENCE NO.	SHEET NO.
DB00347	1

CARTERET CRAVEN PAMLICO COUNTY

DB00347

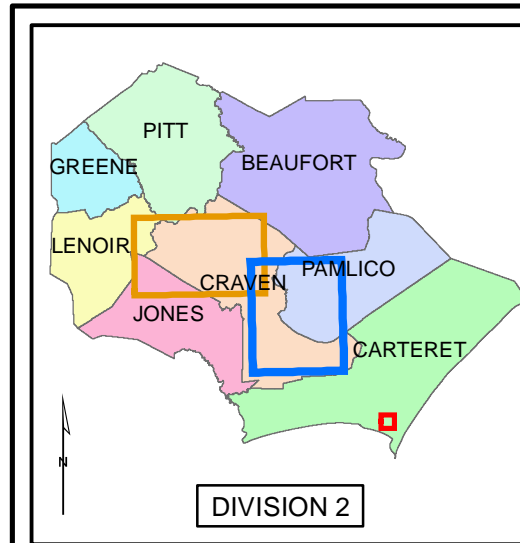
WBS: 2017CPT.02.25.20162.1

WBS: 2017CPT.02.49.20251.2

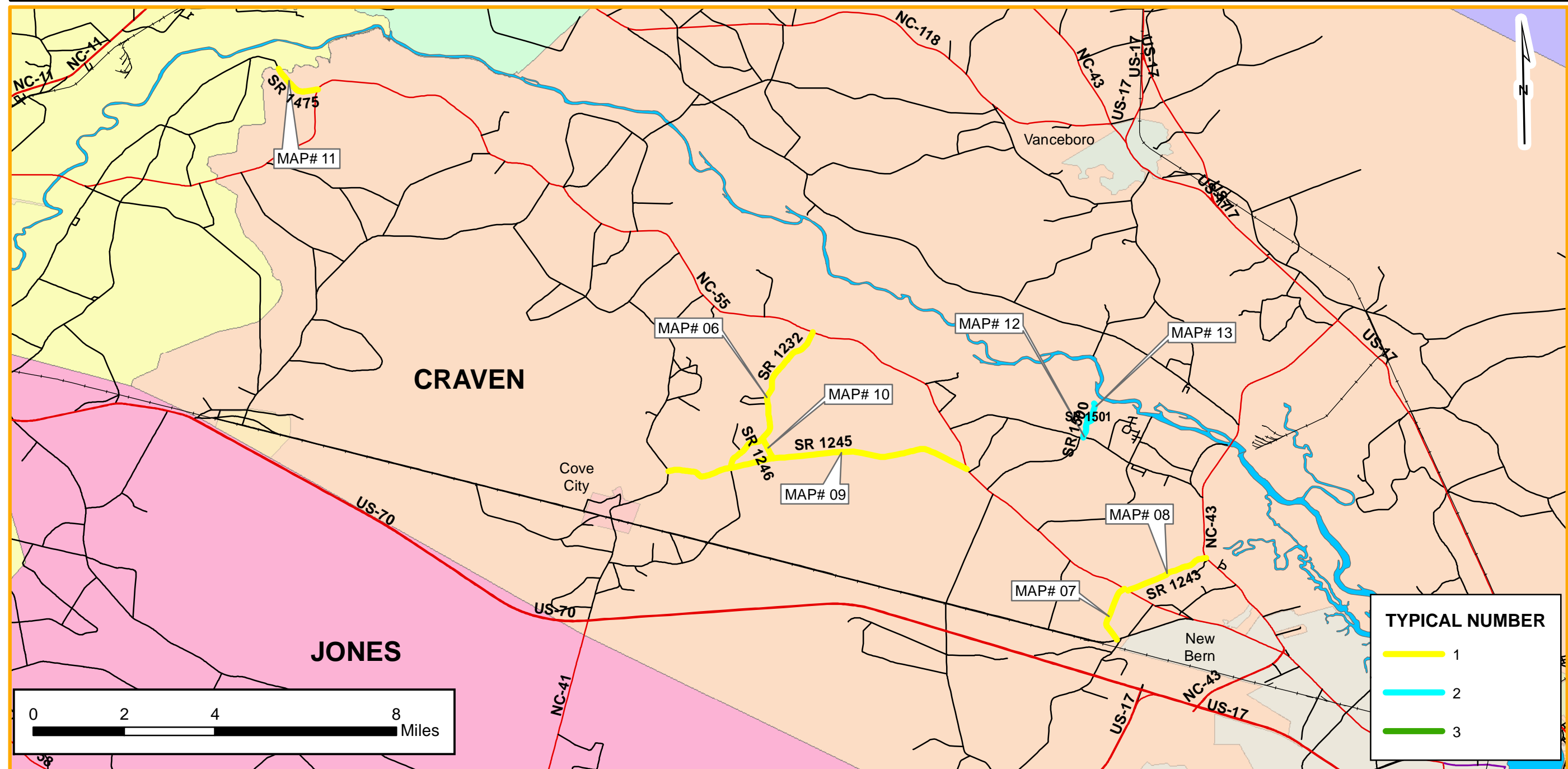
WBS: 2017CPT.02.50.20691.2

LOCATION: SEE NEXT PLAN SHEET FOR ROUTE LOCATIONS

TYPE OF WORK: FULL DEPTH PATCHING, STRENGTHENING, RESURFACING,
SHOULDER RECONSTRUCTION



NCDOT
DIVISION 2



PROJECT REFERENCE NO.	SHEET NO.
DB00347	2

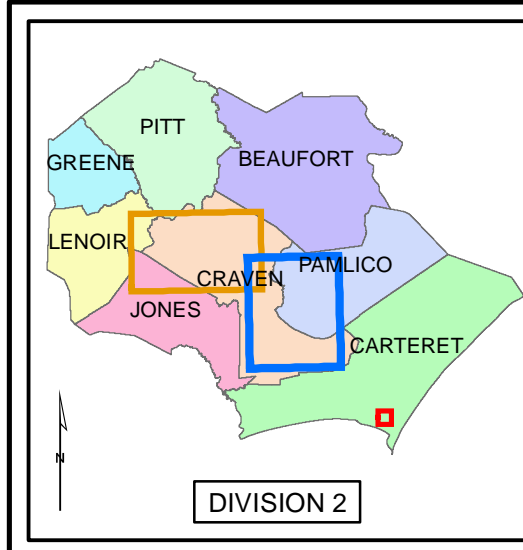
CARTERET CRAVEN PAMLICO COUNTY

DB00347

WBS: 2017CPT.02.25.20162.1

WBS: 2017CPT.02.49.20251.2

WBS: 2017CPT.02.50.20691.2

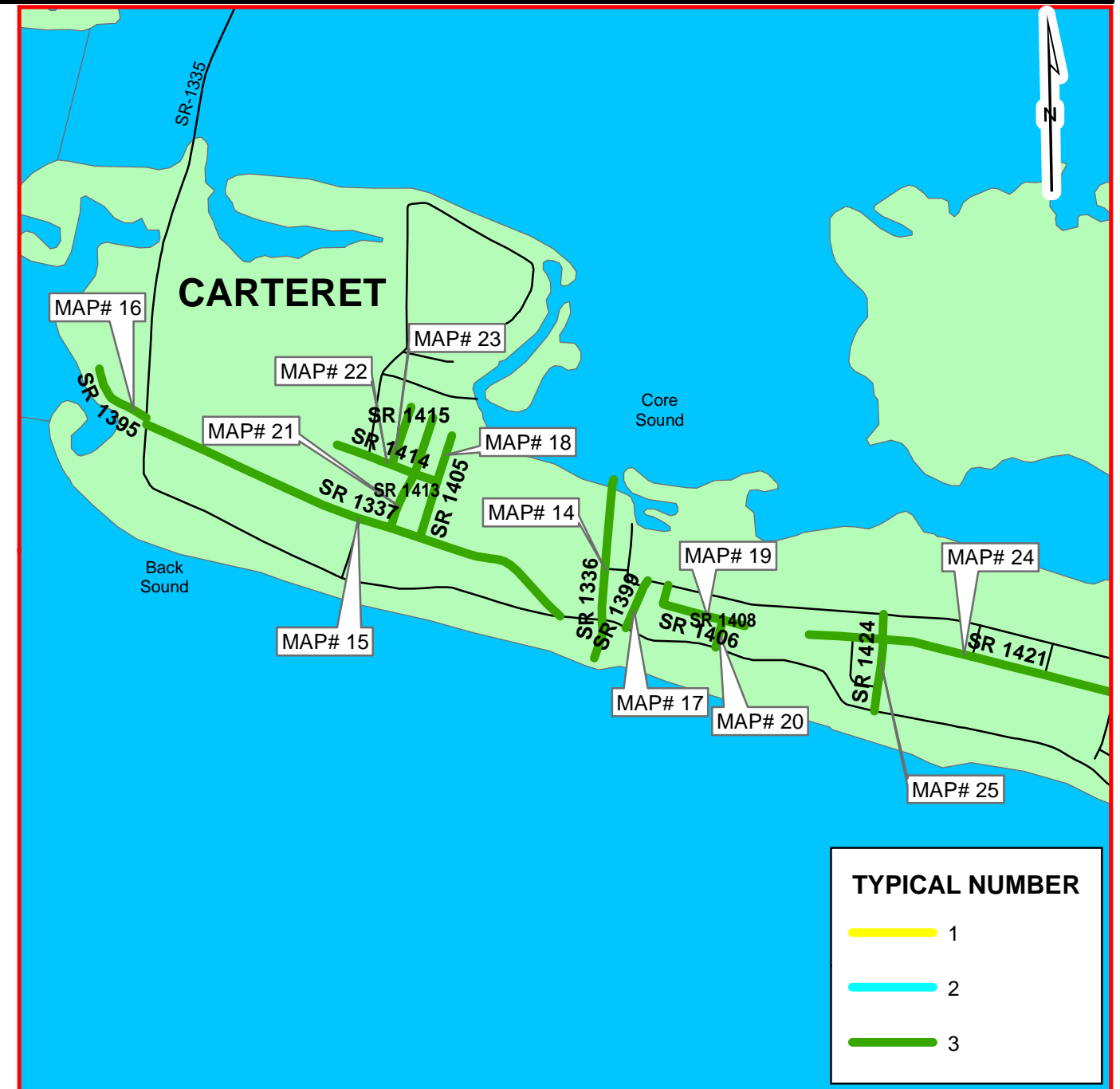
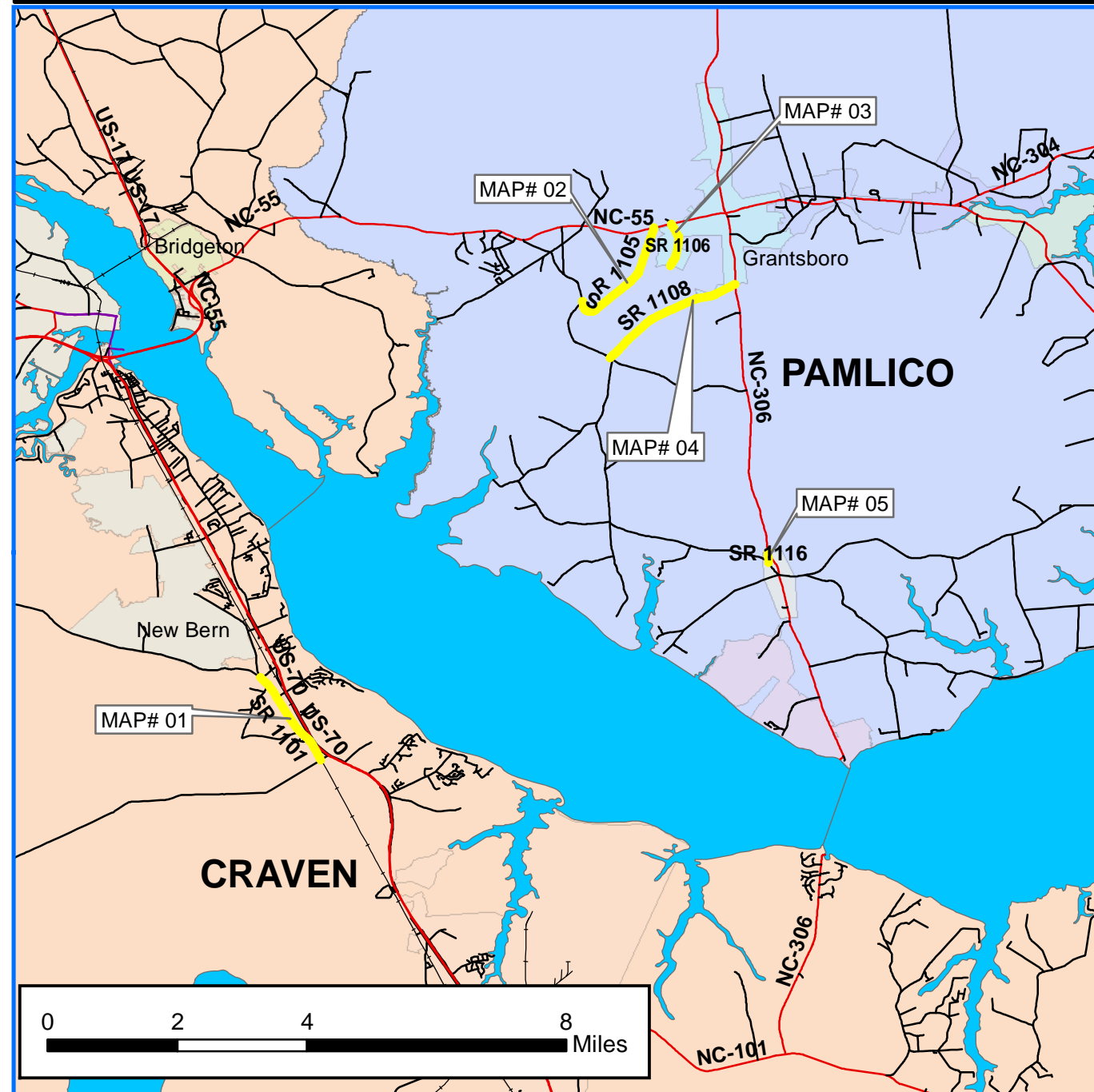


LOCATION: SEE NEXT PLAN SHEET FOR ROUTE LOCATIONS

TYPE OF WORK: FULL DEPTH PATCHING, STRENGTHENING, RESURFACING, SHOULDER RECONSTRUCTION



NCDOT
DIVISION 2



Location Information

Map Number	WBS	County	Route Name	From Description	To Description	Begin MP	To MP	Length	Width
01	2017CPT.02.49.20251.2	CRAVEN	SR 1101	SR 1110	SR 1100	0.000	2.120	2.120	18.0
02	2017CPT.02.50.20691.2	PAMLICO	SR 1105	SR 1005	NC 55	0.000	2.540	2.540	20.0
03	2017CPT.02.50.20691.2	PAMLICO	SR 1106	NC 55	DEAD END	0.000	0.975	0.975	18.0
04	2017CPT.02.50.20691.2	PAMLICO	SR 1108	NC 306	SR 1005	0.000	2.820	2.820	18.0
05	2017CPT.02.50.20691.2	PAMLICO	SR 1116	NC 306	SR 1005	0.000	0.242	0.240	16.0
06	2017CPT.02.49.20251.2	CRAVEN	SR 1232	NC 55	SR 1245	3.955	7.545	3.590	18.0
07	2017CPT.02.49.20251.2	CRAVEN	SR 1243	NC 55	NC 43	0.000	1.260	1.260	20.0
08	2017CPT.02.49.20251.2	CRAVEN	SR 1243	NC 55	SR 1005	1.330	2.933	1.603	22.0
09	2017CPT.02.49.20251.2	CRAVEN	SR 1245	NC 55	SR 1256	0.000	5.675	5.675	20.0
10	2017CPT.02.49.20251.2	CRAVEN	SR 1246	SR 1245	SR 1232	0.000	0.490	0.490	20.0
11	2017CPT.02.49.20251.2	CRAVEN	SR 1475	NC 55	LENOIR CO	0.000	0.970	0.970	16.0
12	2017CPT.02.49.20251.2	CRAVEN	SR 1500	SR 1401	DEAD END	0.000	0.830	0.830	18.0
13	2017CPT.02.49.20251.2	CRAVEN	SR 1501	SR 1500	CUL-DE-SAC	0.000	0.130	0.130	18.0
14	2017CPT.02.25.20162.1	CARTERET	SR 1336	SR 1335	END MAINT	0.000	0.494	0.494	18.0
15	2017CPT.02.25.20162.1	CARTERET	SR 1337	SR 1335	SR 1335	0.000	1.260	1.260	18.0
16	2017CPT.02.25.20162.1	CARTERET	SR 1395	SR 1335	END MAINT	0.000	0.196	0.196	18.0
17	2017CPT.02.25.20162.1	CARTERET	SR 1399	SR 1335	SR 1419	0.000	0.142	0.142	18.0
18	2017CPT.02.25.20162.1	CARTERET	SR 1405	SR 1337	END MAINT	0.000	0.290	0.290	20.0
19	2017CPT.02.25.20162.1	CARTERET	SR 1406	SR 1419	END MAINT	0.000	0.281	0.281	20.0
20	2017CPT.02.25.20162.1	CARTERET	SR 1408	SR 1406	SR 1335	0.000	0.080	0.080	20.0
21	2017CPT.02.25.20162.1	CARTERET	SR 1413	SR 1337	END MAINT	0.000	0.322	0.322	20.0
22	2017CPT.02.25.20162.1	CARTERET	SR 1414	SR 1405	END MAINT	0.000	0.290	0.290	20.0
23	2017CPT.02.25.20162.1	CARTERET	SR 1415	SR 1414	END MAINT	0.000	0.165	0.165	20.0
24	2017CPT.02.25.20162.1	CARTERET	SR 1421	SR 1439	END MAINT	0.000	0.850	0.850	18.0
25	2017CPT.02.25.20162.1	CARTERET	SR 1424	SR 1419	SR 1335	0.000	0.262	0.262	18.0

FULL DEPTH MILL PATCHING - 4" DEPTH - B 25.0B MIX

MAP #	FROM STATION	TO STATION	-LT- WIDTH (FT)	-RT- WIDTH (FT)
01	30+50	31+55		10
01	58+96	59+50		5
01	60+84	61+30		10
01	71+52	71+87		10
01	72+35	74+27		10
01	74+27	80+95		5
01	83+52	84+46		5
01	86+39	87+81		10
01	89+93	91+45		10
01	92+16	92+82	5	
01	95+45	98+27		10
01	101+80	103+62		10
01	107+00	108+07		5
01	108+07	109+60		10
01	110+15	110+78		10
02	13+37	13+87		5
04	11+58	12+89		5
04	30+60	31+78	5	
04	41+48	43+40	5	
04	41+86	42+64		5
04	49+09	49+78		5
05	5+27	5+45	5	
06	8+81	9+23	5	
06	13+61	22+44	5	
06	18+15	19+55		5
06	21+01	21+70		5
06	26+71	27+45	5	5
06	29+91	30+24	5	
06	30+47	31+15		12
06	40+39	41+50		5
06	47+28	49+45		5
06	52+54	53+70	5	
06	58+27	62+26	5	
06	58+27	58+55		5
06	63+65	64+27	5	
06	65+58	67+44	5	
06	66+05	67+44		10
06	78+20	78+88	5	
06	83+57	84+99	5	
06	89+53	90+48	5	
06	92+01	92+80	10	
06	94+67	96+25	5	
06	98+20	99+84		5
06	105+61	106+36	5	
06	105+61	109+10		5
06	112+38	114+13	5	

FULL DEPTH MILL PATCHING - 4" DEPTH - B 25.0B MIX

MAP #	FROM STATION	TO STATION	-LT- WIDTH (FT)	-RT- WIDTH (FT)
06	112+38	113+84		5
06	116+64	119+36	5	5
06	120+62	122+33		5
06	123+62	125+09	5	
06	142+50	143+39	5	
06	143+67	144+18		5
06	144+02	144+69	5	
06	149+17	150+15		5
06	152+81	153+15		5
06	161+11	161+69		5
06	163+46	164+78	5	5
06	168+62	169+49		5
07	69+52	69+81	5	
08	3+85	4+58	5	
08	4+58	5+20		5
08	6+50	7+36	5	
08	11+72	12+98	5	
09	37+26	37+47	5	
09	66+07	70+87	5	
09	138+54	142+85	5	
09	187+16	189+91	5	
09	192+55	195+51	5	
09	245+35	247+39		5
09	249+89	252+02		5
09	268+13	269+04		5
09	270+42	275+78		5
09	279+65	280+48		10
10	0+94	2+22	10	10
10	2+71	3+99		5
10	3+55	3+99	5	
10	3+99	5+90		10
10	6+32	7+69		10
10	9+00	10+82		10
10	12+56	17+50	5	
10	13+12	13+78		5
10**	14+55	16+51	2.5	2.5
10	16+51	18+70		5
10	21+76	23+09		5
10	23+95	24+57		5

**CENTERLINE REPAIR

2.5" I 19.0B STRENGTHENING COURSE

MAP #	FROM STATION	TO STATION	-LT- WIDTH (FT)	-RT- WIDTH (FT)
02	12+92	15+50	10	10
03	23+41	27+23	9	9
03	30+63	37+22	9	9
04	84+15	86+64	9	9
05	9+18	X-LINE	8	8
08	9+18	10+25	10	10
09	50+64	52+64	10	10
09	60+58	61+72	10	10
11	33+29	37+21	10	10

2.5" I 19.0B WEDGING COURSE

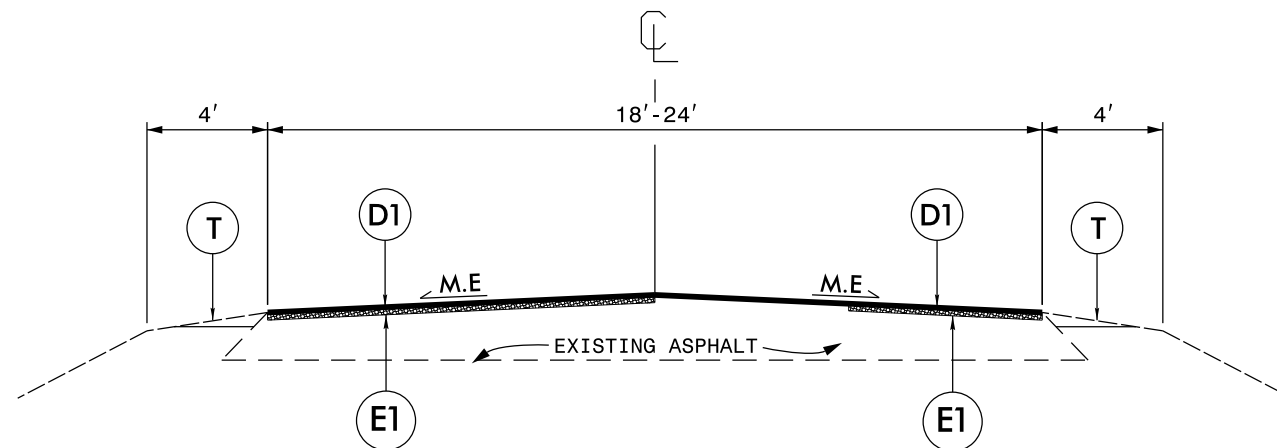
MAP #	FROM STATION	TO STATION	-LT- WIDTH (FT)	-RT- WIDTH (FT)
16	2+48	5+05	9	9
16	6+00	8+10		4

1.5" SF 9.5A LEVELING COURSE

14	6+06	7+66		9
14	8+95	9+71		9
14	13+03	13+48		9
14	16+43	18+74		9

TYPICAL SECTION NO. 1

MAP NUMBER 1 THROUGH MAP NUMBER 11
****WORK TO BE PERFORMED BEFORE AST TREATMENT CONTRACT**

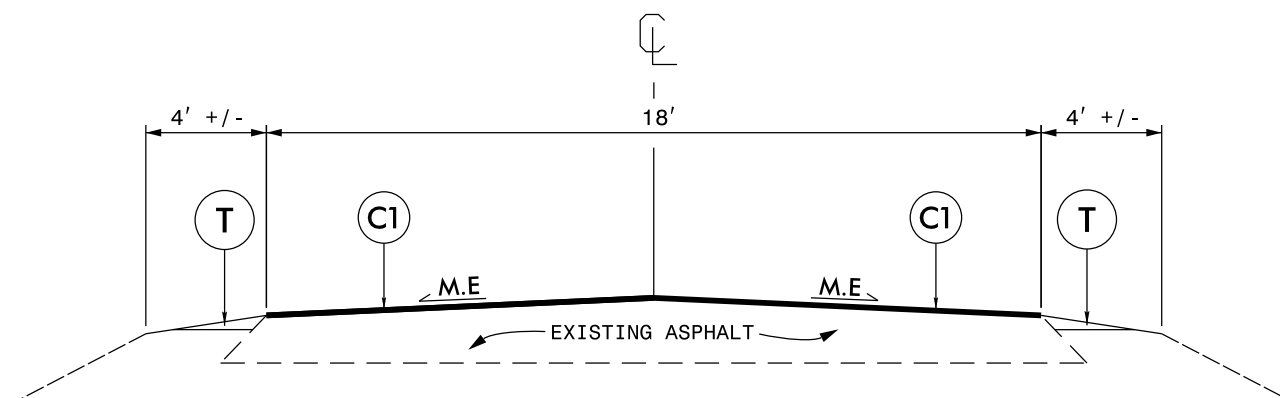


NOTE:

1. PLACE ASPHALT INTERMEDIATE COURSE AT FULL WIDTH OF EXISTING ASPHALT PAVEMENT, AS DIRECTED BY THE ENGINEER AND AS SHOWN IN THE ATTACHED TABLES.
2. PERFORM FULL DEPTH MILL PATCHING AT LOCATIONS AND WIDTHS AS SHOWN IN THE ATTACHED TABLES. PLACE ASPHALT BASE COURSE B 25.0B IN ONE LIFT TO BACKFILL.
3. PERFORM ASPHALT WEDGING WITH INTERMEDIATE COURSE OF ASPHALT, AS DIRECTED BY THE ENGINEER AND AS SHOWN IN THE ATTACHED TABLES
4. PERFORM SHOULDER RECONSTRUCTION AT LOCATIONS WHERE INTERMEDIATE COURSE OF ASPHALT PAVEMENT IS REQUIRED FOR STRENGTHENING.

TYPICAL SECTION NO. 2

MAP 12 - SR 1500 FROM SR 1401 TO DEAD END
 MAP 13 - SR 1501 FROM SR 1500 TO CUL-DE-SAC



NOTE:

1. PLACE ASPHALT SURFACE COURSE AT FULL WIDTH OF EXISTING ASPHALT PAVEMENT.
2. PERFORM SHOULDER RECONSTRUCTION AFTER RESURFACING.
3. INCLUDES INCIDENTAL MILLING AT TIE-INS AND Y-LINES.

PAVEMENT SCHEDULE

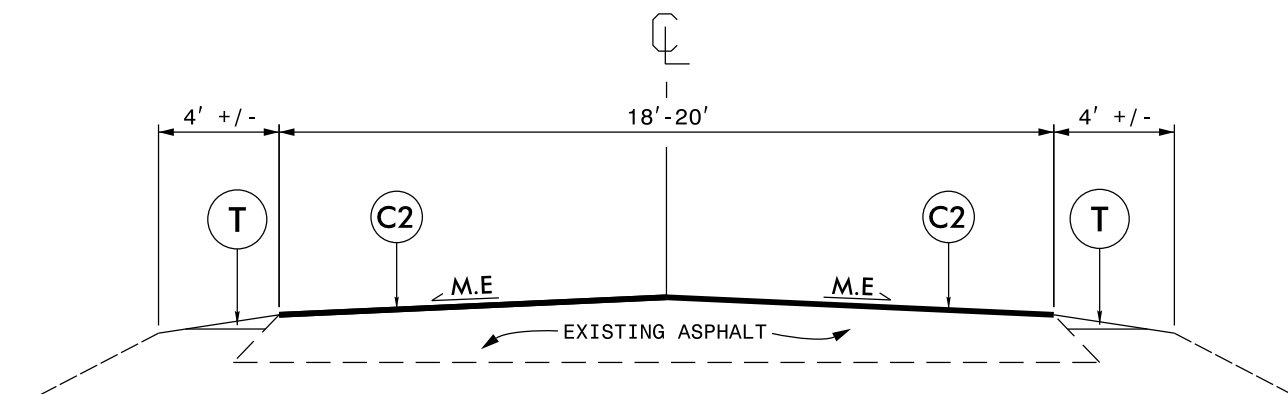
C1	PROP. APPROX. 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 165.0 LBS. PER SQ. YD.
C2	PROP. APPROX. 1" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 110.0 LBS. PER SQ. YD.
D1	PROP. APPROX. 2 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0B, AT AN AVERAGE RATE OF 285.0 LBS. PER SQ. YD.
E1	FULL DEPTH MILL PATCHING AT A DEPTH OF 4" BACKFILL WITH A SINGLE LIFT OF ASPHALT CONCRETE BASE COURSE, TYPE B 25.0B
T	SHOULDER RECONSTRUCTION
V1	INCIDENTAL MILLING.

DRAWINGS NOT TO SCALE

NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.

TYPICAL SECTION NO. 3

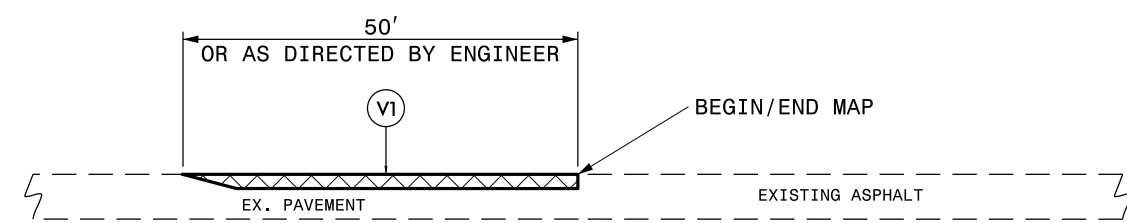
MAP 14 THROUGH MAP 25



NOTE:

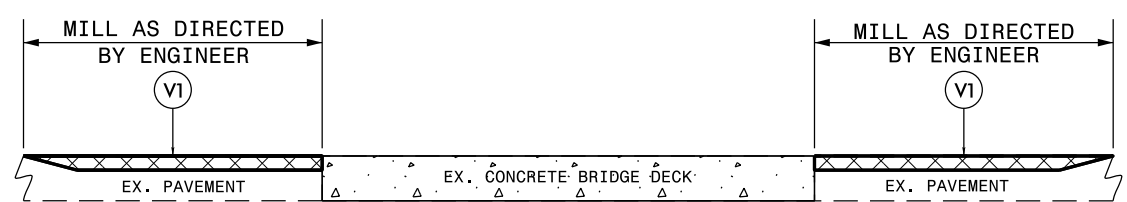
1. PLACE ASPHALT SURFACE COURSE AT FULL WIDTH OF EXISTING ASPHALT PAVEMENT.
2. PERFORM ASPHALT STRENGTHENING AND WEDGING AT LOCATIONS AS SHOWN IN THE ATTACHED TABLES.
3. PERFORM SHOULDER RECONSTRUCTION AFTER RESURFACING.
4. INCLUDES INCIDENTAL MILLING AT TIE-INS AND Y-LINES.

MILLING TYPICALS



DETAIL 1
BEGIN/END MAP TIE-IN

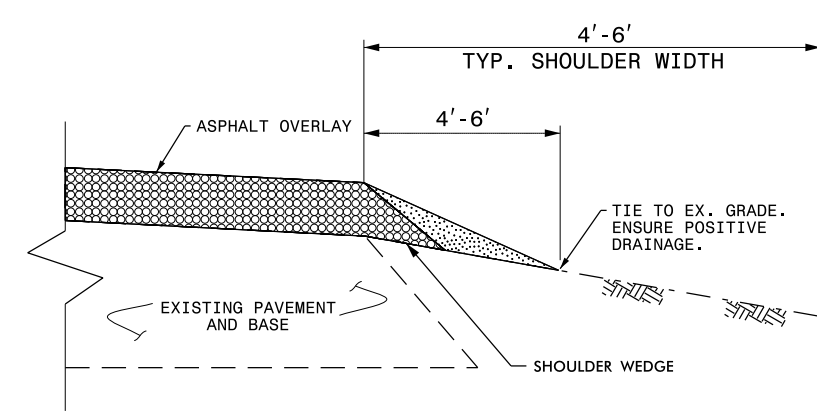
NOTE:
1. MILLING SHALL BE PERFORMED AT MAIN LINE TIE-INS AND Y-LINE TIE-INS AS DIRECTED BY THE ENGINEER, IN ACCORDANCE WITH THIS DETAIL.



DETAIL 2
BRIDGE MILLING

NOTE:
1. MILLING SHALL BE PERFORMED AT THE BRIDGE APPROACHES AS DIRECTED BY THE ENGINEER, IN ACCORDANCE WITH THIS DETAIL.

SHOULDER RECONSTRUCTION TYPICAL

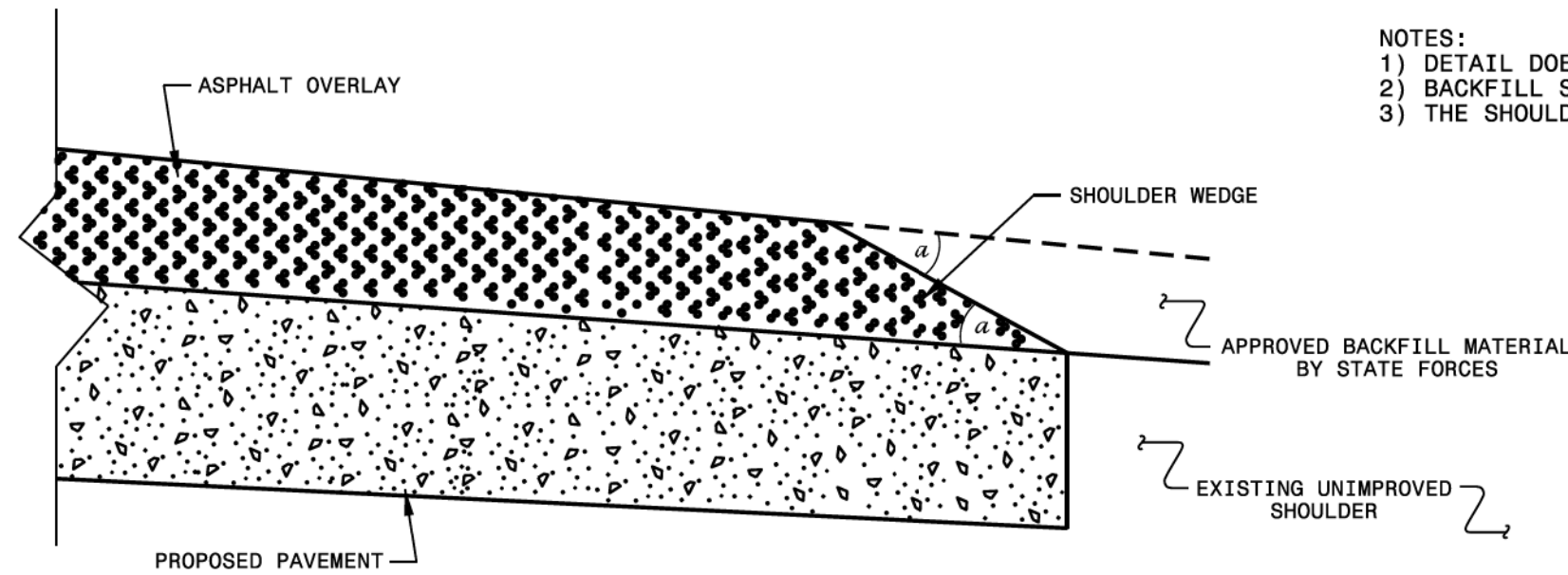


SHOULDER RECONSTRUCTION DETAIL

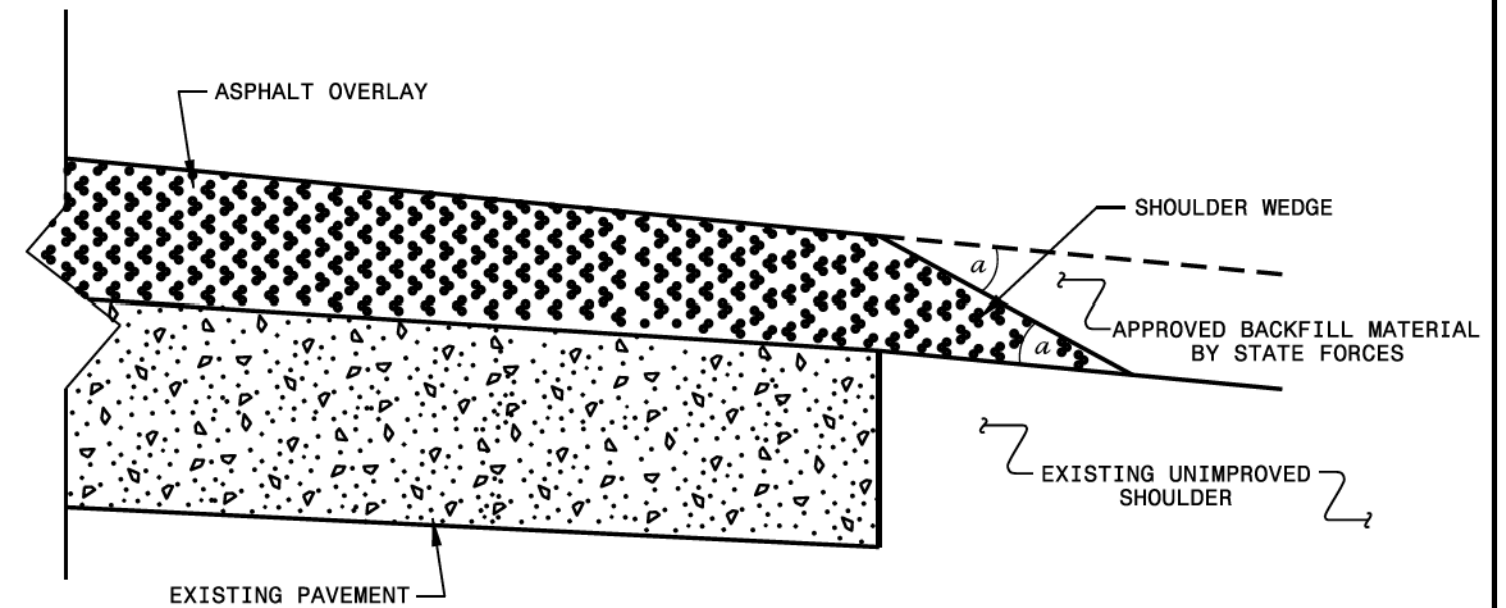
NOTE:

1. SHOULDERS SHALL BE RECONSTRUCTED AS SHOWN IN STD. DWG. NO. 560.01 & 560.02, WITH A MINIMUM SLOPE OF 1" PER FOOT TO ENSURE POSITIVE DRAINAGE AWAY FROM THE ROADWAY.
2. A VEGETATIVE BUFFER SHALL BE MAINTAINED BETWEEN THE DISTURBED AREA ALONG THE EDGE OF PAVEMENT AND THE DITCH SHOULDER POINT TO MINIMIZE EROSION. PULLING DITCHES OR CUTTING SHOULDERS TO GENERATE BORROW MATERIAL WILL NOT BE ALLOWED.
3. REQUIRED BORROW MATERIAL MAY BE OBTAINED FROM NCDOT STOCKPILES. ANY EXCESS MATERIAL SHALL BE DISPOSED OF BY THE CONTRACTOR IN AN APPROVED DISPOSAL SITE.

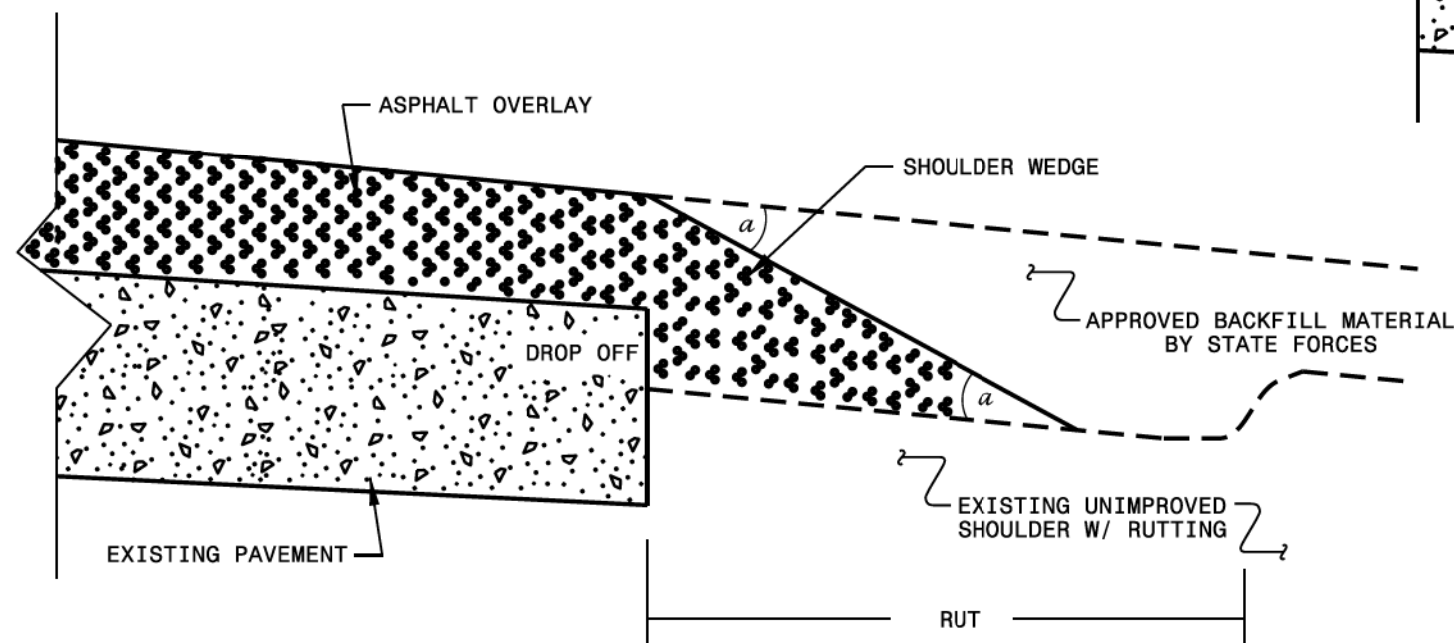
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFc AND ULTRA-THIN BONDED WEARING COURSE.
 - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.



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)

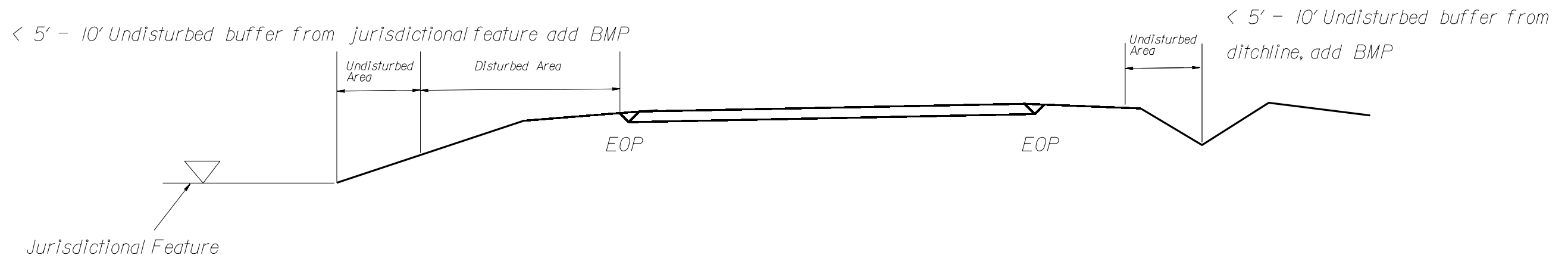
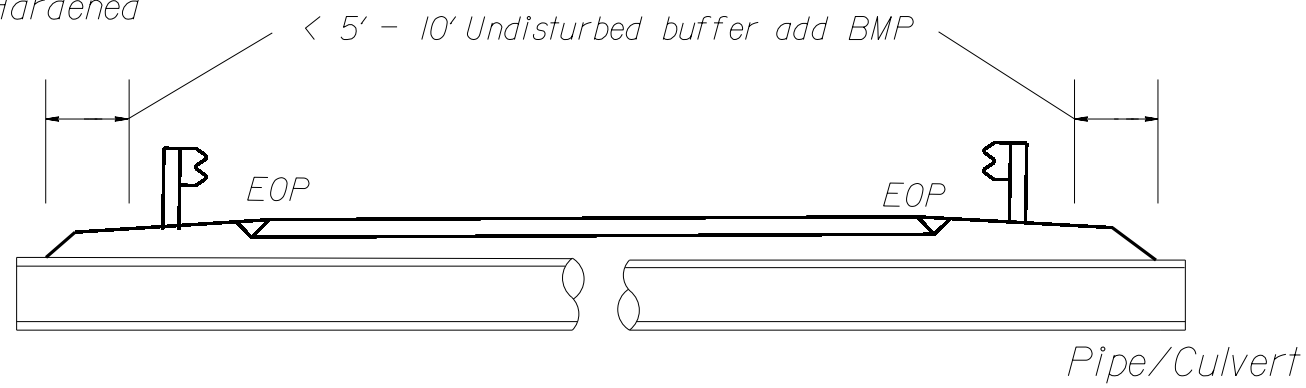
- SHOULDER WEDGE ANGLE = 30°

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: 10/16/12
CHECKED BY:	DATE:
FILE SPEC.: s:\usr\details\stand\shou1dcrwedgedetail.dgn	

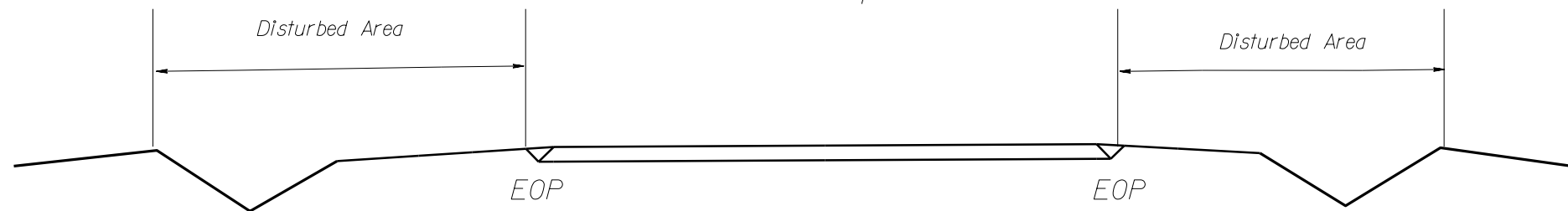
NOTES: Less than 5' - 10' undisturbed buffer from ROW, ditchline, water feature, or drainage inlet, add BMP.

BMP Options: Wattle, Silt Fence or Hardened Aggregate.

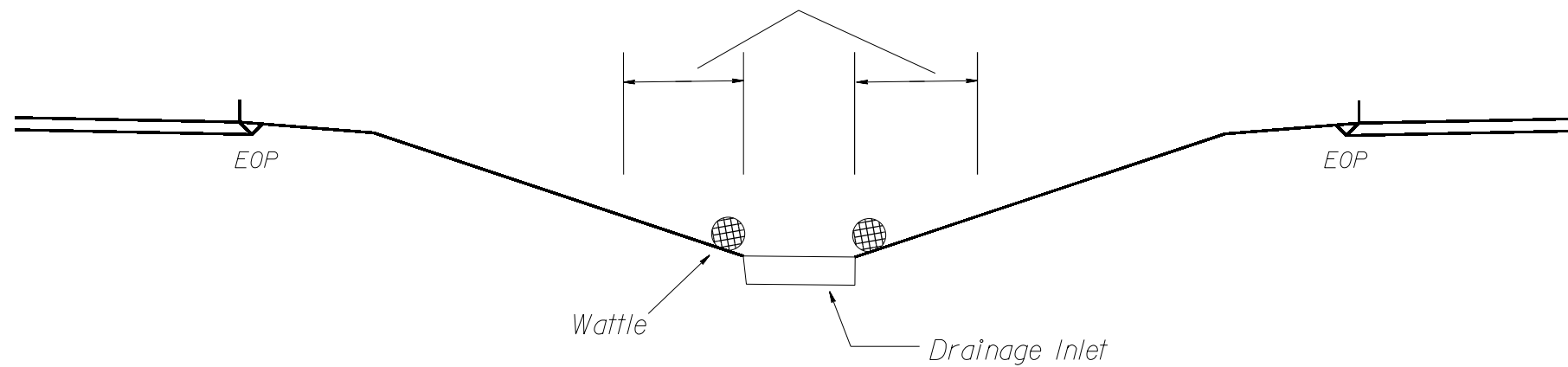
EROSION CONTROL DETAIL



Use BMP's if shoulders and/or frontslopes and/or ditchline and/or backslopes are disturbed

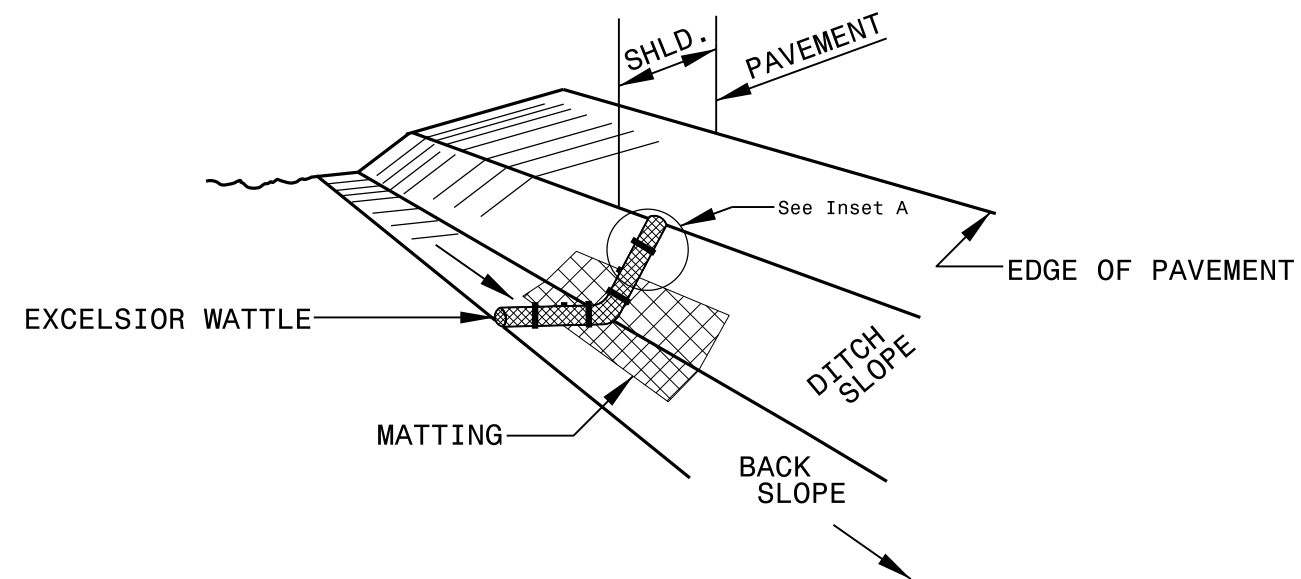


< 5' - 10' Undisturbed buffer from inlet, add wattle

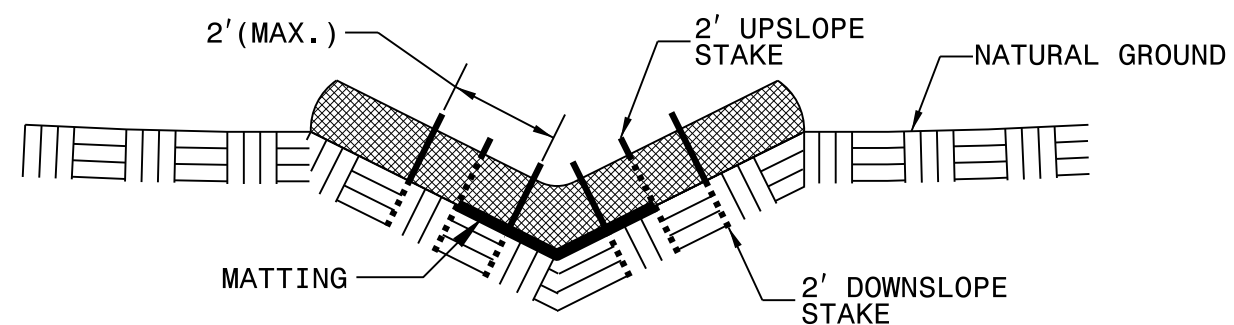


NOT TO SCALE

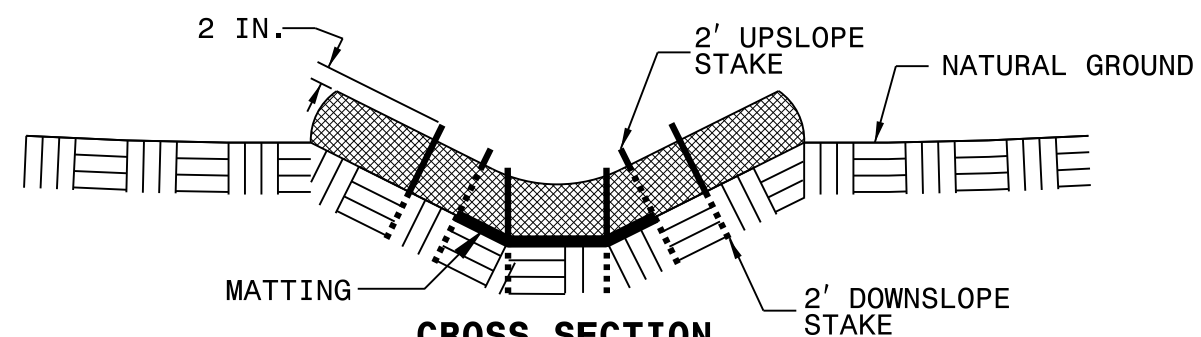
WATTLE DETAIL



ISOMETRIC VIEW



**CROSS SECTION
VEE DITCH**



**CROSS SECTION
TRAPEZOIDAL DITCH**

NOTES:

USE MINIMUM 12 IN. DIAMETER EXCELSIOR WATTLE.

USE 2 FT. WOODEN STAKES WITH A 2 IN. BY 2 IN. NOMINAL CROSS SECTION.

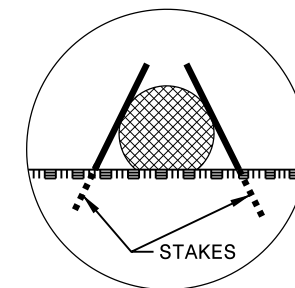
ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.

INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE STAKES AT AN ANGLE TO WEDGE WATTLE TO BOTTOM OF DITCH.

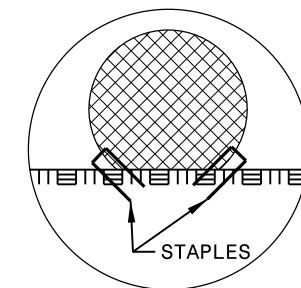
PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.

INSTALL STAPLES APPROXIMATELY EVERY 1 LINEAR FOOT ON BOTH SIDES OF WATTLE AND AT EACH END TO SECURE IT TO THE SOIL.

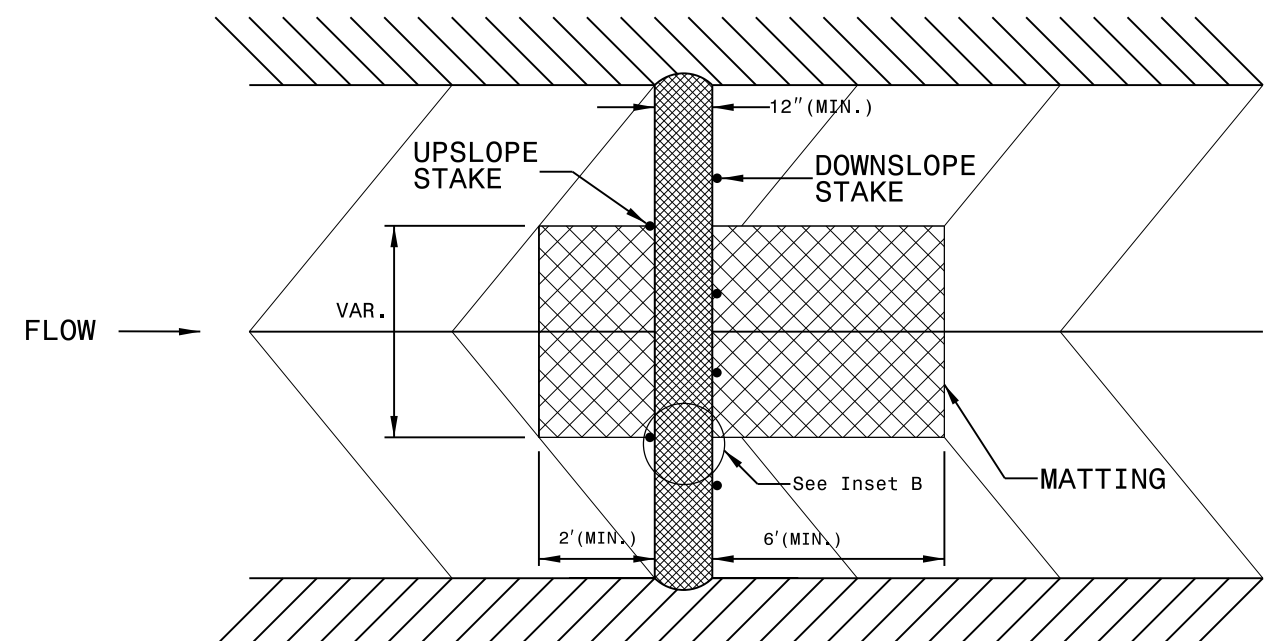
INSTALL MATTING IN ACCORDANCE WITH SECTION 1631 OF THE STANDARD SPECIFICATIONS.



INSET A



INSET B



TOP VIEW

NOT TO SCALE

PROJECT NO.	SHEET NO.
DB00347	11

SUMMARY OF QUANTITIES

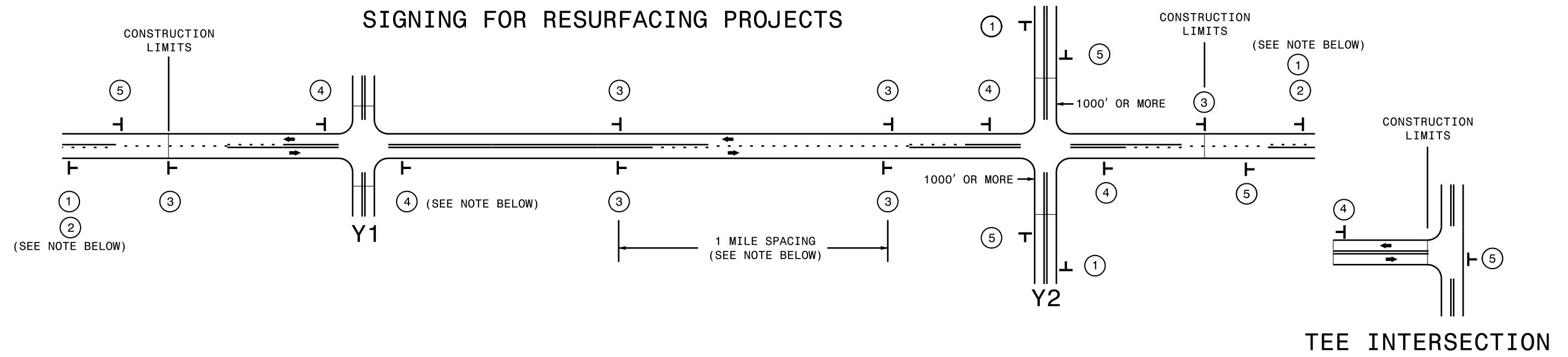
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH MI	WIDTH FT	HAULING NCDOT SUPPLIED SHOULDER MATERIAL EA	INCIDENTAL STONE BASE TONS	SHOULDER RECONSTRUCTION SMI	INCIDENTAL MILLING SY	FULL DEPTH MILL PATCHING W/ B 25.0B TON	INTERMEDIATE COURSE, I19.0B TONS	ASPHALT WEDGING COURSE, TYPE I19.0B TON	SURFACE COURSE, SF9.5A TONS	ASPHALT LEVELING COURSE - SF 9.5A TON	ASPHALT BINDER FOR PLANT MIX TONS	ADJ. OF MANHOLES EA	ADJ. OF METER OR VALVE BOX EA	TEMPORARY SILT FENCE LF	WATTLE LF	SEED & MULCHING AC	RESPONSE FOR EROSION CONTROL EA			
2017CPT.02.49.20251.2	Craven	1	SR 1101	SR 1110 TO SR 1100	1	2	2WU	NO	NO	2.120	18					475					21									
TOTAL FOR MAP NO. 1										2.120						475					21									
2017CPT.02.49.20251.2	Craven	6	SR 1232	NC 55 TO SR 1245	1	2	2WU	NO	NO	3.590	18					775					34									
TOTAL FOR MAP NO. 6										3.590						775					34									
2017CPT.02.49.20251.2	Craven	7	SR 1243	NC 55 TO NC 43	1	2	2WU	NO	NO	1.260	20					5														
TOTAL FOR MAP NO. 7										1.260						5														
2017CPT.02.49.20251.2	Craven	8	SR 1243	NC 55 TO SR 1005	1	2	2WU	NO	NO	1.603	22	10		0.05		45	35				4						0.05			
TOTAL FOR MAP NO. 8										1.603		10		0.05		45	35				4						0.05			
2017CPT.02.49.20251.2	Craven	9	SR 1245	NC 55 TO SR 1256	1	2	2WU	NO	NO	5.675	20	10		0.12		350	100				20						0.12			
TOTAL FOR MAP NO. 9										5.675		10		0.12		350	100				20						0.12			
2017CPT.02.49.20251.2	Craven	10	SR 1246	SR 1245 TO SR 1232	1	2	2WU	NO	NO	0.490	20					370					16						0.00			
TOTAL FOR MAP NO. 10										0.490				0.00		370					16						0.00			
2017CPT.02.49.20251.2	Craven	11	SR 1475	NC 55 TO LENOIR COUNTY LINE	1	2	2WU	NO	NO	0.970	16	10		0.15			125				6						0.15			
TOTAL FOR MAP NO. 11										0.970		10		0.15			125				6						0.15			
2017CPT.02.49.20251.2	Craven	12	SR 1500	SR 1401 TO DEAD END	2	2	2WU	NO	NO	0.830	18	29		1.66	100				743		50	1	1	30	15	0.83	1			
TOTAL FOR MAP NO. 12										0.830		29		1.66	100				743		50	1	1	30	15	0.83	1			
2017CPT.02.49.20251.2	Craven	13	SR 1501	SR 1500 TO CUL-DE-SAC	2	2	2WU	NO	NO	0.130	18	5		0.26						116	8						0.13			
TOTAL FOR MAP NO. 13										0.130		5		0.26					116	8							0.13			
TOTAL FOR PROJ NO. 2017CPT.02.49.20251.2										16.668		64		2.24	100		2,020	260			859		159	1	1	30	15	1.28	1	
2017CPT.02.50.20691.2	Pamlico	2	SR 1105	SR 1005 TO NC 55	1	2	2WU	NO	NO	2.540	20	5		0.01		8	85				4						0.01			
TOTAL FOR MAP NO. 2										2.540		5		0.01		8	85				4						0.01			
2017CPT.02.50.20691.2	Pamlico	3	SR 1106	NC 55 TO DEAD END	1	2	2WU	NO	NO	0.975	18	30		0.40			300				14						0.40			
TOTAL FOR MAP NO. 3										0.975		30		0.40			300				14						0.40			
2017CPT.02.50.20691.2	Pamlico	4	SR 1108	NC 306 TO SR 1005	1	2	2WU	NO	NO	2.820	18	5		0.01		75	75				7						0.01			
TOTAL FOR MAP NO. 4										2.820		5		0.01		75	75				7						0.01			
2017CPT.02.50.20691.2	Pamlico	5	SR 1116	NC 306 TO SR 1005	1	2	2WU	NO	NO	0.240	16	2		0.01		4	5										0.01			
TOTAL FOR MAP NO. 5										0.240		2		0.01		4	5										0.01			
TOTAL FOR PROJ NO. 2017CPT.02.50.20691.2										6.575		42		0.43		87	465				25								0.43	
2017CPT.02.25.20162.1	Carteret	14	SR 1336	SR 1335 TO END MAINTENANCE	3	2	2WU	NO	NO	0.494	18	10	15	0.99	100					297	45	23					0.49			
TOTAL FOR MAP NO. 14										0.494		10	15	0.99	100					297	45	23						0.49		
2017CPT.02.25.20162.1	Carteret	15	SR 1337	SR 1335 TO SR 1335	3	2	2WU	NO	NO	1.260	18	38		2.52	100					772		52					1.26			
TOTAL FOR MAP NO. 15										1.260		38		2.52	100					772		52					1.26			
2017CPT.02.25.20162.1	Carteret	16	SR 1395	SR 1335 TO END MAINTENANCE	3	2	2WU	NO	NO	0.196	18	5	10	0.39	100			80	120		12						0.20			
TOTAL FOR MAP NO. 16										0.196		5	10	0.39	100			80	120		12						0.20			
2017CPT.02.25.20162.1	Carteret	17	SR 1399	SR 1335 TO SR 1419	3	2	2WU	NO	NO	0.142	18	4	10	0.28	200					87		6					0.14			
TOTAL FOR MAP NO. 17										0.142		4	10	0.28	200					87		6					0.14			
2017CPT.02.25.20162.1	Carteret	18	SR 1405	SR 1337 TO END MAINTENANCE	3	2	2WU	NO	NO	0.290	20	7	10	0.58						194		13				1	0.29			
TOTAL FOR MAP NO. 18										0.290		7	10	0.58						194		13				1	0.29			
2017CPT.02.25.20162.1	Carteret	19	SR 1406	SR 1419 TO END MAINTENANCE	3	2	2WU	NO	NO	0.281	20	7	10	0.56						188		13				1	0.28			
TOTAL FOR MAP NO. 19										0.281		7	10	0.56						188		13				1	0.28			
2017CPT.02.25.20162.1	Carteret	20	SR 1408	SR 1406 TO SR 1335	3	2	2WU	NO	NO	0.080	20	2	10	0.16	100					53		4					0.08			
TOTAL FOR MAP NO. 20										0.080		2	10	0.16	100					53		4					0.08			
2017CPT.02.25.20162.1	Carteret	21	SR 1413	SR 1337 TO END MAINTENANCE	3	2	2WU	NO	NO	0.322	20	8	5	0.64						219		15				4	0.32			
TOTAL FOR MAP NO. 21										0.322		8	5	0.64						219		15				4	0.32			
2017CPT.02.25.20162.1	Carteret	22	SR 1414	SR 1405 TO END MAINTENANCE	3	2	2WU	NO	NO	0.290	20	7	10	0.58						197		13				4	0.29			
TOTAL FOR MAP NO. 22										0.290		7	10	0.58						197		13				4	0.29			
2017CPT.02.25.20162.1	Carteret	23	SR 1415	SR 1414 TO END MAINTENANCE	3	2	2WU	NO	NO	0.165	20	4	10	0.33						112		8				1	0.17			
TOTAL FOR MAP NO. 23										0.165		4	10	0.33						112		8				1	0.17			
2017CPT.02.25.20162.1	Carteret	24	SR 1421	SR 1439 TO END MAINTENANCE	3	2	2WU	NO	NO	0.850	18	21	10	1.70	100					570		38					0.85			
TOTAL FOR MAP NO. 24										0.850		21	10	1.70	100					570		38					0.85			
2017CPT.02.25.20162.1	Carteret	25	SR 1424	SR 1419 TO SR 1335	3	2	2WU	NO	NO	0.262	18	7	10	0.52	200					161		11					0.26			
TOTAL FOR MAP NO. 25										0.262		7	10	0.52	200					161		11					0.26			
TOTAL FOR PROJ NO. 2017CPT.02.25.20162.1										4.632		120	110	9.26	900				80	2,970	45	208		10				6.34	1	
GRAND TOTAL										27.875		226	110	11.93	1,000		2,107	725	80	3,829	45	392	1	11	30	15	6.34	1		

PROJECT NO.	SHEET NO.
DB00347	11

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	441300000-E	445700000-N
										WORK ZONE ADVANCE/GENERAL WARNING SIGNING SF	TEMPORARY TRAFFIC CONTROL LS
2017CPT.02.49.20251.2	Craven	1	SR 1101	SR 1110 TO SR 1100	1	2	2WU	2.120	18	240	0.08
TOTAL FOR MAP NO. 1								2.120		240	0.08
2017CPT.02.49.20251.2	Craven	6	SR 1232	NC 55 TO SR 1245	1	2	2WU	3.590	18	405	0.13
TOTAL FOR MAP NO. 6								3.590		405	0.13
2017CPT.02.49.20251.2	Craven	7	SR 1243	NC 55 TO NC 43	1	2	2WU	1.260	20	141	0.04
TOTAL FOR MAP NO. 7								1.260		141	0.04
2017CPT.02.49.20251.2	Craven	8	SR 1243	NC 55 TO SR 1005	1	2	2WU	1.603	22	180	0.06
TOTAL FOR MAP NO. 8								1.603		180	0.06
2017CPT.02.49.20251.2	Craven	9	SR 1245	NC 55 TO SR 1256	1	2	2WU	5.675	20	635	0.20
TOTAL FOR MAP NO. 9								5.675		635	0.20
2017CPT.02.49.20251.2	Craven	10	SR 1246	SR 1245 TO SR 1232	1	2	2WU	0.490	20	56	0.02
TOTAL FOR MAP NO. 10								0.490		56	0.02
2017CPT.02.49.20251.2	Craven	11	SR 1475	NC 55 TO LENOIR COUNTY LINE	1	2	2WU	0.970	16	110	0.03
TOTAL FOR MAP NO. 11								0.970		110	0.03
2017CPT.02.49.20251.2	Craven	12	SR 1500	SR 1401 TO DEAD END	2	2	2WU	0.830	18	92	0.03
TOTAL FOR MAP NO. 12								0.830		92	0.03
2017CPT.02.49.20251.2	Craven	13	SR 1501	SR 1500 TO CUL-DE-SAC	2	2	2WU	0.130	18	15	0.01
TOTAL FOR MAP NO. 13								0.130		15	0.01
TOTAL FOR PROJ NO. 2017CPT.02.49.20251.2								16.668		1,874	0.60
2017CPT.02.50.20691.2	Pamlico	2	SR 1105	SR 1005 TO NC 55	1	2	2WU	2.540	20	285	0.08
TOTAL FOR MAP NO. 2								2.540		285	0.08
2017CPT.02.50.20691.2	Pamlico	3	SR 1106	NC 55 TO DEAD END	1	2	2WU	0.975	18	110	0.03
TOTAL FOR MAP NO. 3								0.975		110	0.03
2017CPT.02.50.20691.2	Pamlico	4	SR 1108	NC 306 TO SR 1005	1	2	2WU	2.820	18	315	0.10
TOTAL FOR MAP NO. 4								2.820		315	0.10
2017CPT.02.50.20691.2	Pamlico	5	SR 1116	NC 306 TO SR 1005	1	2	2WU	0.240	16	28	0.01
TOTAL FOR MAP NO. 5								0.240		28	0.01
TOTAL FOR PROJ NO. 2017CPT.02.50.20691.2								6.575		738	0.22
2017CPT.02.25.20162.1	Carteret	14	SR 1336	SR 1335 TO END MAINTENANCE	3	2	2WU	0.494	18	55	0.02
TOTAL FOR MAP NO. 14								0.494		55	0.02
2017CPT.02.25.20162.1	Carteret	15	SR 1337	SR 1335 TO SR 1335	3	2	2WU	1.260	18	140	0.04
TOTAL FOR MAP NO. 15								1.260		140	0.04
2017CPT.02.25.20162.1	Carteret	16	SR 1395	SR 1335 TO END MAINTENANCE	3	2	2WU	0.196	18	22	0.01
TOTAL FOR MAP NO. 16								0.196		22	0.01
2017CPT.02.25.20162.1	Carteret	17	SR 1399	SR 1335 TO SR 1419	3	2	2WU	0.142	18	16	0.01
TOTAL FOR MAP NO. 17								0.142		16	0.01
2017CPT.02.25.20162.1	Carteret	18	SR 1405	SR 1337 TO END MAINTENANCE	3	2	2WU	0.290	20	35	0.01
TOTAL FOR MAP NO. 18								0.290		35	0.01
2017CPT.02.25.20162.1	Carteret	19	SR 1406	SR 1419 TO END MAINTENANCE	3	2	2WU	0.281	20	32	0.01
TOTAL FOR MAP NO. 19								0.281		32	0.01
2017CPT.02.25.20162.1	Carteret	20	SR 1408	SR 1406 TO SR 1335	3	2	2WU	0.080	20	10	0.01
TOTAL FOR MAP NO. 20								0.080		10	0.01
2017CPT.02.25.20162.1	Carteret	21	SR 1413	SR 1337 TO END MAINTENANCE	3	2	2WU	0.322	20	36	0.01
TOTAL FOR MAP NO. 21								0.322		36	0.01
2017CPT.02.25.20162.1	Carteret	22	SR 1414	SR 1405 TO END MAINTENANCE	3	2	2WU	0.290	20	32	0.01
TOTAL FOR MAP NO. 22								0.290		32	0.01
2017CPT.02.25.20162.1	Carteret	23	SR 1415	SR 1414 TO END MAINTENANCE	3	2	2WU	0.165	20	20	0.01
TOTAL FOR MAP NO. 23								0.165		20	0.01
2017CPT.02.25.20162.1	Carteret	24	SR 1421	SR 1439 TO END MAINTENANCE	3	2	2WU	0.850	18	95	0.03
TOTAL FOR MAP NO. 24								0.850		95	0.03
2017CPT.02.25.20162.1	Carteret	25	SR 1424	SR 1419 TO SR 1335	3	2	2WU	0.262	18	30	0.01
TOTAL FOR MAP NO. 25								0.262		30	0.01
TOTAL FOR PROJ NO. 2017CPT.02.25.20162.1								4.632		523	0.18
GRAND TOTAL								27.875		3,135	1.00

SIGNING FOR RESURFACING PROJECTS



LEGEND	
	STATIONARY SIGN
	DIRECTION OF TRAFFIC FLOW

MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1	2	3	4	5	
						<p>NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:</p> <ol style="list-style-type: none"> LESS THAN 1000' OF RESURFACING ALONG -Y- LINE SUBDIVISION ROADS DEAD END ROADS <p>WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, ADVANCE WARNING PORTABLE SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <small>W20-1 48" X 48"</small> </div> <div style="text-align: center;"> <small>W20-7 A 48" X 48"</small> </div> </div> <p>PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.</p>
	<p>PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.</p>		<p>#2 SIGN ONLY USED WHEN RESURFACING LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER. (NO FRACTIONAL OR DECIMAL NUMBERS)</p>			
			<p>- PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACE 1 MILE APART THEREAFTER. - AT TEE INTERSECTIONS INSTALL INITIALLY 1/2 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.</p>			
			<p>- 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.</p>			
		<p>PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.</p>				

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

**RESURFACING
ADVANCE WARNING SIGNS
FOR
RURAL AND SUBURBAN
2 LANE ROADWAYS**