

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	3CR.10671.140, Etc.	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
ONSLOW COUNTY

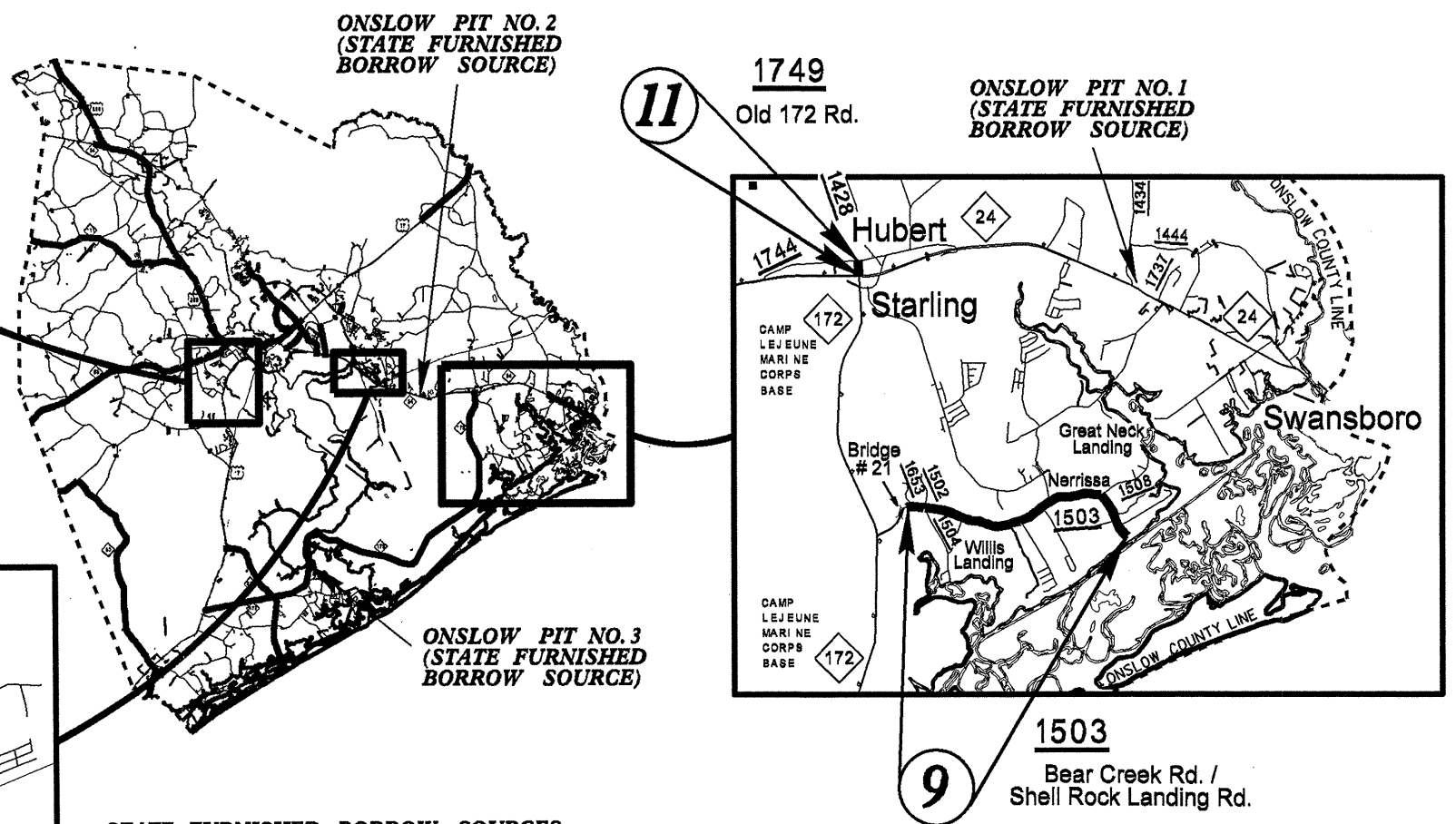
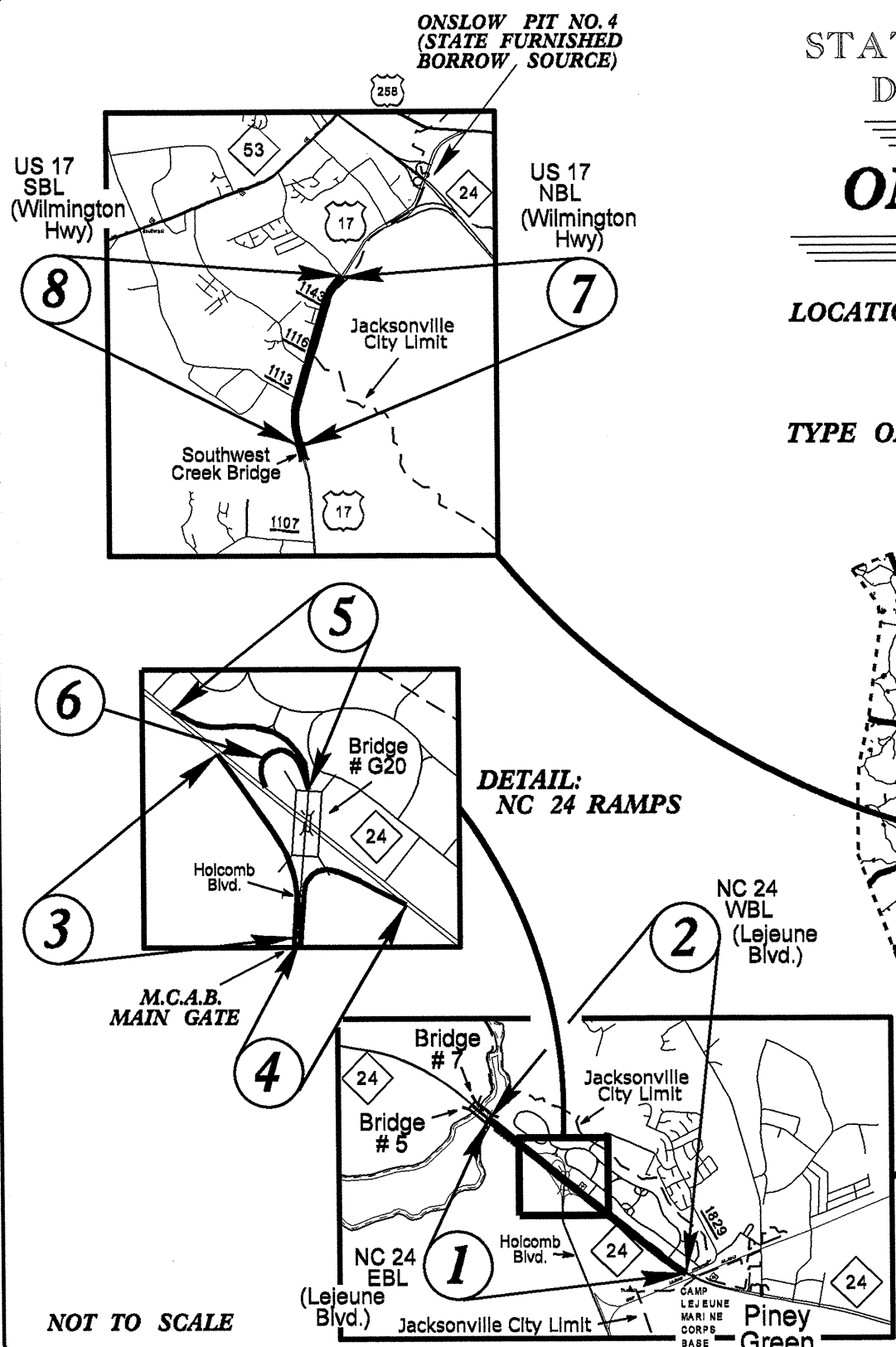
LOCATION: 6 SECTIONS OF NC 24
2 SECTIONS OF US 17
10 SECTIONS OF SECONDARY ROADS

TYPE OF WORK: MILLING, WIDENING, RESURFACING AND SHOULDER RECONSTRUCTION



WBS NO: 3CR.10671.140, Etc.

CONTRACT: C203226



STATE FURNISHED BORROW SOURCES:
 ONSLOW PIT NO. 1 - 3 MILE FORK (NC 24 & BELGRADE-SWANSBORO RD.)
 ONSLOW PIT NO. 2 - PISTOL RANGE (NEAR NC 24 & KELLUMTOWN RD.)
 ONSLOW PIT NO. 3 - NC 172 & BRIDGE #17 (FULCHER LANDING)
 ONSLOW PIT NO. 4 - NCDOT MAINTENANCE YARD (US 17 NBL & NC 24 OVERPASS)

NOT TO SCALE

PROJECT LENGTH	
PRIMARY	SECONDARY
3CR.10671.140: (EBL) MAP NO. 1 = 2.15 MI. (WBL) MAP NO. 2 = 2.13 MI. (SBL) MAP NO. 8 = 1.85 MI. (NBL) MAP NO. 7 = 1.60 MI. EXCLUDES RAMPS (MAPS 3 - 6) PRIMARY SUB-TOTAL = 4.00 MI.	3CR.20671.140: MAP NO. 9 = 3.77 MI. MAP NO. 10 = 0.47 MI. MAP NO. 11 = 0.22 MI. MAP NO. 12 = 0.12 MI. MAP NO. 13 = 0.52 MI. MAP NO. 14 = 2.37 MI. MAP NO. 15 = 0.82 MI. MAP NO. 16 = 4.89 MI. 3CR.20671.140: SUB-TOTAL = 13.18 MI. 43230: MAP NO. 17 = 4.55 MI. 17BP.3.R.4: MAP NO. 18 = 3.00 MI. SECONDARY SUB-TOTAL = 20.73 MI.
TOTAL PROJECT LENGTH = 24.73 MI.	

Prepared in the Office of:
DIVISION OF HIGHWAYS
5501 Barbados Blvd., Castle Hayne, NC 28429

2012 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: _____

LETTING DATE: _____

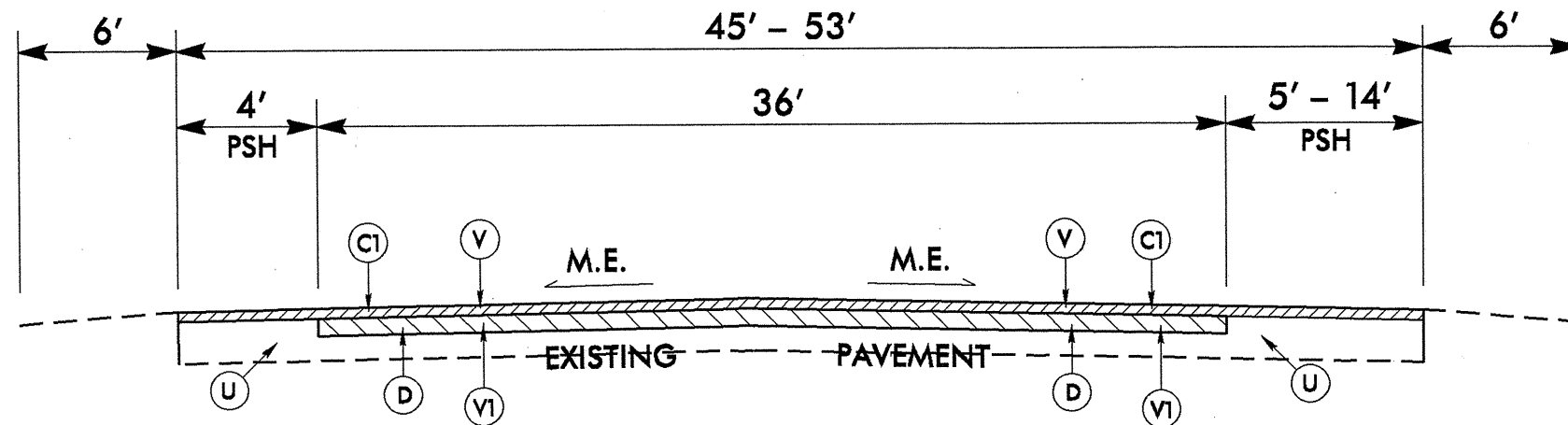
ROADWAY DESIGN
TECHNICIAN
MPK

SIGNATURE: _____

SIGNATURE: _____

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

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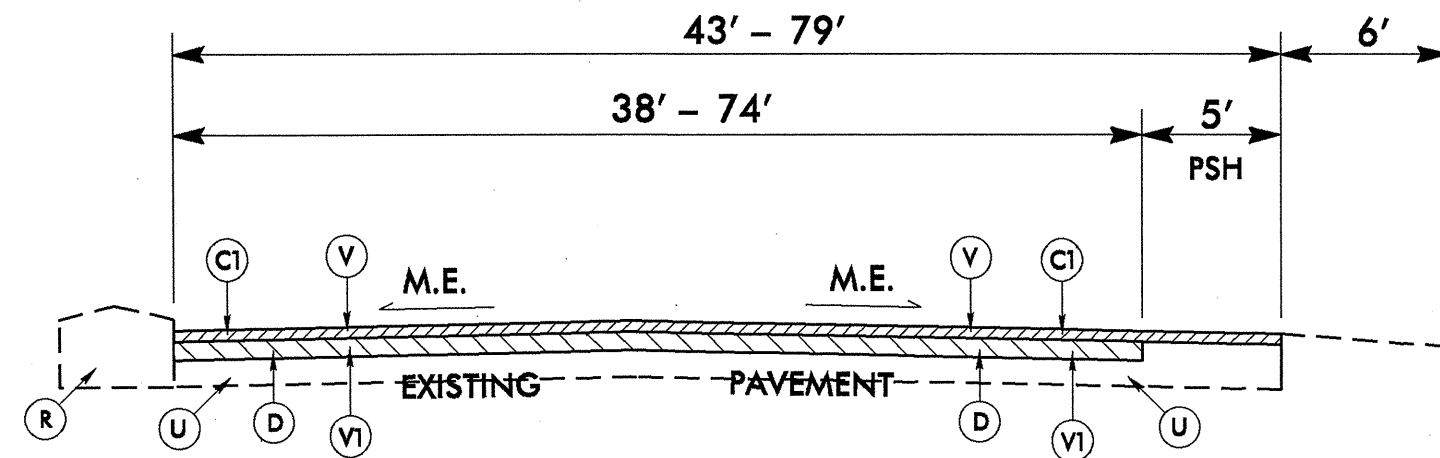


TYPICAL SECTION NO. 1

MAP NO. 1
NC 24 EBL
MP 24.70 TO MP 24.91

SEQUENCE OF WORK (TYPICAL NO. 1 & 2):

1. PERFORM 1½" MILLING ACROSS ENTIRE ROADWAY
2. PERFORM 2½" MILLING & PLACE INTERMEDIATE COURSE
3. RESURFACE ENTIRE ROADWAY



TYPICAL SECTION NO. 2

MAP NO. 1
NC 24 EBL
MP 24.91 TO MP 25.24

PAVEMENT SCHEDULE

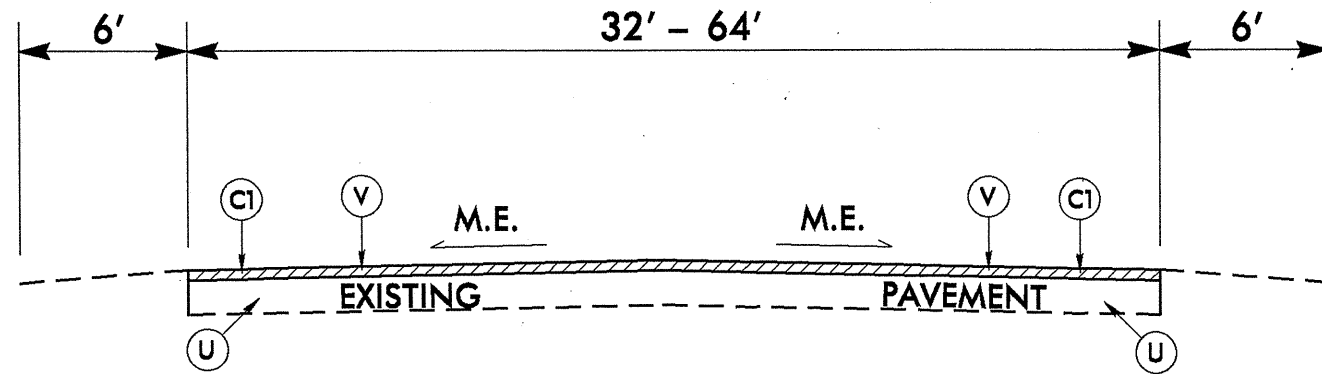
C	PROP. APPROX. 1½" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ.YD.	R1	EXISTING CONCRETE MEDIAN CURB & GUTTER
C1	PROP. APPROX. 1½" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ.YD.	R2	EXISTING CONCRETE 2'-6" CURB & GUTTER
D	PROP. APPROX. 2½" DEPTH ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 285 LBS. PER SQ.YD.	T	EARTH MATERIAL (SHOULDER RECONSTRUCTION)
E	PROP. APPROX. 4" DEPTH ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 456 LBS. PER SQ.YD.	U	EXISTING PAVEMENT.
E1	PROP. APPROX. 5½" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 827 LBS. PER SQ.YD.	V	MILLING BITUMINOUS PAVEMENT. 1 1/2" DEPTH.
R	EXISTING CONCRETE MONOLITHIC ISLAND	V1	MILLING BITUMINOUS PAVEMENT. 2 1/2" DEPTH.

NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.
SEE STD. DRAWING 1205.01, SHEET 2 OF 2, TABLE 1 FOR EDGE LINE OFFSETS.
M.E. = MATCH EXISTING

REVISIONS

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TYPICAL SECTION NO. 3

MAP NO. 1
NC 24 EBL
MP 25.24 TO MP 26.85

MAP NO. 2
NC 24 WBL
MP 12.74 TO MP 14.36
MP 14.66 TO MP 14.87

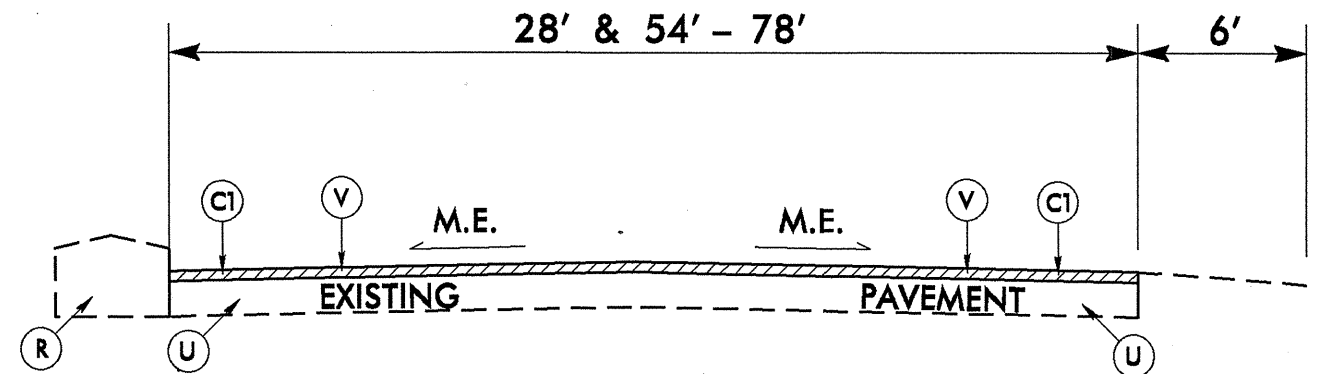
PAVEMENT SCHEDULE			
C	1½" S9.5B	R1	CONC. MEDIAN C & G
C1	1½" S9.5C	R2	2'-6" CURB & GUTTER
D	2½" I19.0C	T	EARTH MATERIAL (SH. RECONSTR.)
E	4" B25.0B	U	EXISTING PAVEMENT
E1	5½" B25.0C	V	MILLING 1½" DEPTH
R	CONC. MONOLITHIC ISLAND	V1	MILLING 2½" DEPTH

NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.
SEE STD. DRAWING 1205.01, SHEET 2 OF 2, TABLE 1 FOR EDGE LINE OFFSETS.
M.E. = MATCH EXISTING

2012 ROADWAY ENGLISH STANDARD DRAWINGS

The following Roadway Standards as appear in "Roadway Standard Drawings" Highway Design Branch - N. C. Department of Transportation - Raleigh, N. C., Dated January, 2012 are applicable to this project and by reference hereby are considered a part of these plans:

STD.NO.	TITLE
DIVISION 8 - INCIDENTALS	
848.01	Concrete Sidewalk
848.06	Curb Ramp - Existing Curb & Gutter



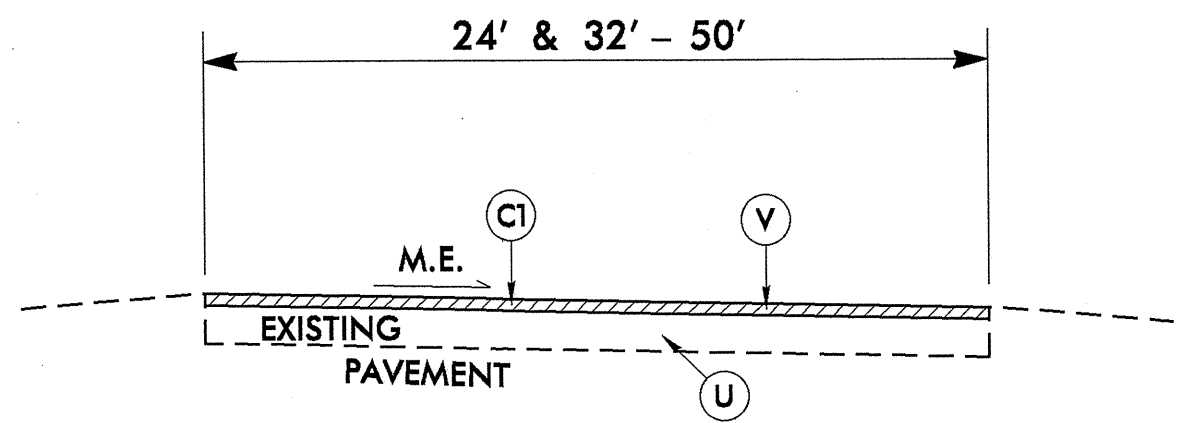
TYPICAL SECTION NO. 4

MAP NO. 2
NC 24 WBL
MP 14.36 TO MP 14.66

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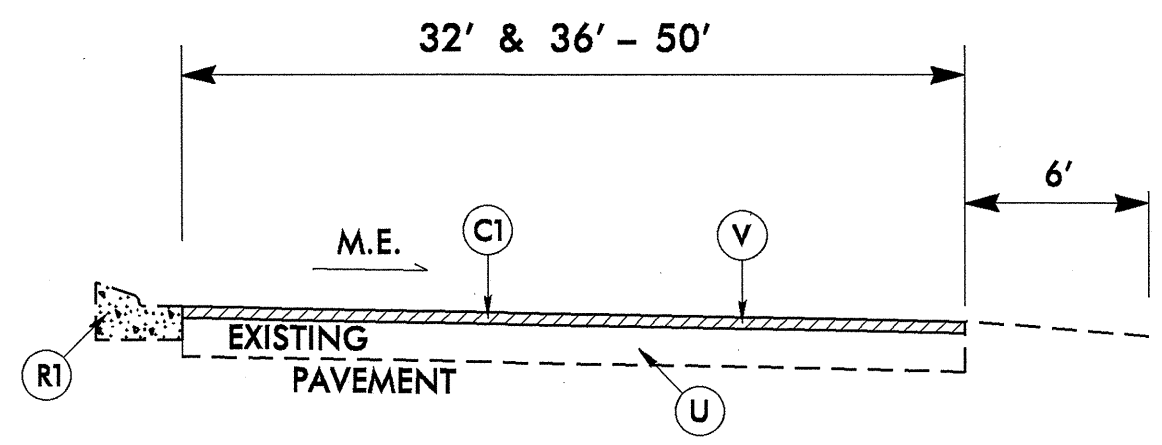
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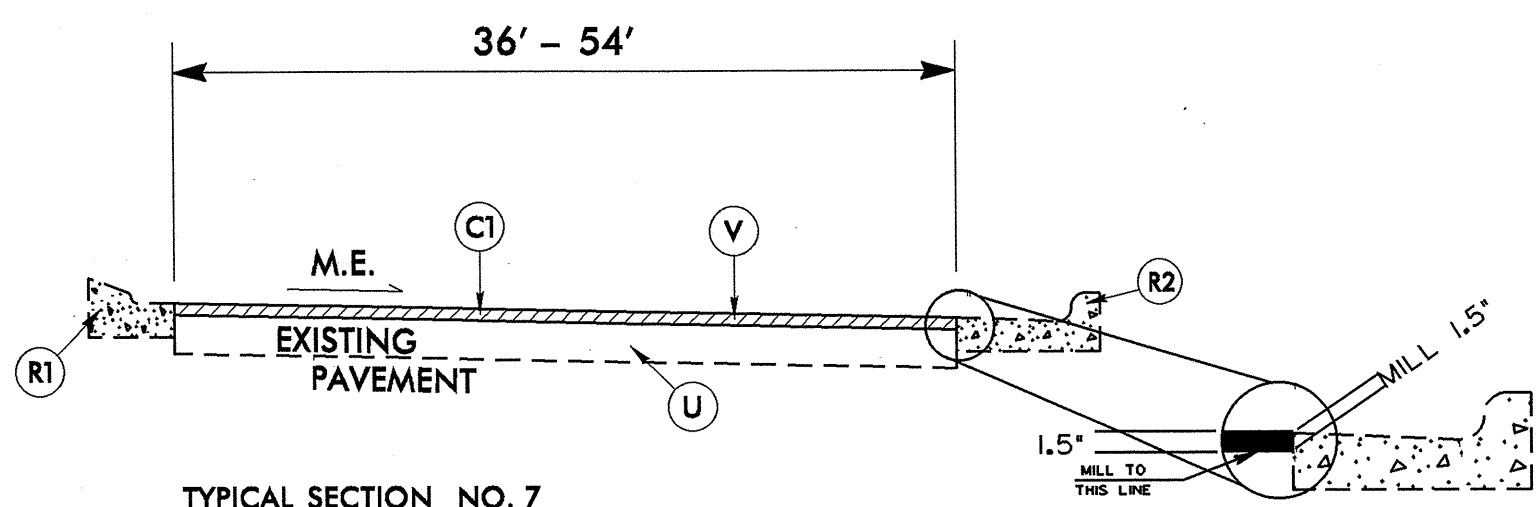
TYPICAL SECTION NO. 5

- MAP NO. 3
NC 24 EBL (EXIT RAMP TO M.C.A.B. MAIN GATE)
MP 0.00 TO MP 0.23
- MAP NO. 4
NC 24 EBL (ENTRANCE RAMP FROM M.C.A.B. MAIN GATE)
MP 0.07 TO MP 0.16
- MAP NO. 5
NC 24 WBL (EXIT RAMP FROM M.C.A.B. MAIN GATE)
MP 0.36 TO MP 0.58



TYPICAL SECTION NO. 6

- MAP NO. 3
NC 24 EBL (EXIT RAMP TO M.C.A.B. MAIN GATE)
MP 0.23 TO MP 0.24
- MAP NO. 5
NC 24 WBL (EXIT RAMP FROM M.C.A.B. MAIN GATE)
MP 0.00 TO MP 0.11
MP 0.32 TO MP 0.36



TYPICAL SECTION NO. 7

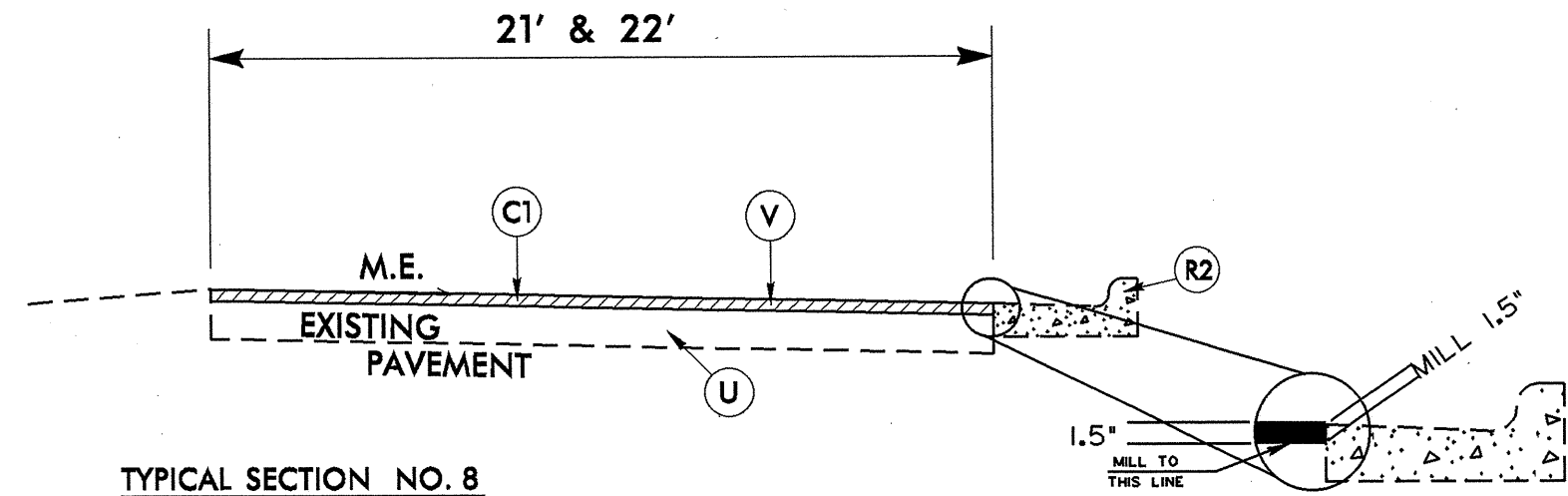
- MAP NO. 3
NC 24 EBL (EXIT RAMP TO M.C.A.B. MAIN GATE)
MP 0.24 TO MP 0.30

PAVEMENT SCHEDULE			
C	1½" S9.5B	R1	CONC. MEDIAN C & G
C1	1½" S9.5C	R2	2'-6" CURB & GUTTER
D	2½" I19.0C	T	EARTH MATERIAL (SH. RECONSTR.)
E	4" B25.0B	U	EXISTING PAVEMENT
E1	5½" B25.0C	V	MILLING 1½" DEPTH
R	CONC. MONOLITHIC ISLAND	V1	MILLING 2½" DEPTH

NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.
SEE STD. DRAWING 1205.01, SHEET 2 OF 2, TABLE 1 FOR EDGE LINE OFFSETS.
M.E. = MATCH EXISTING

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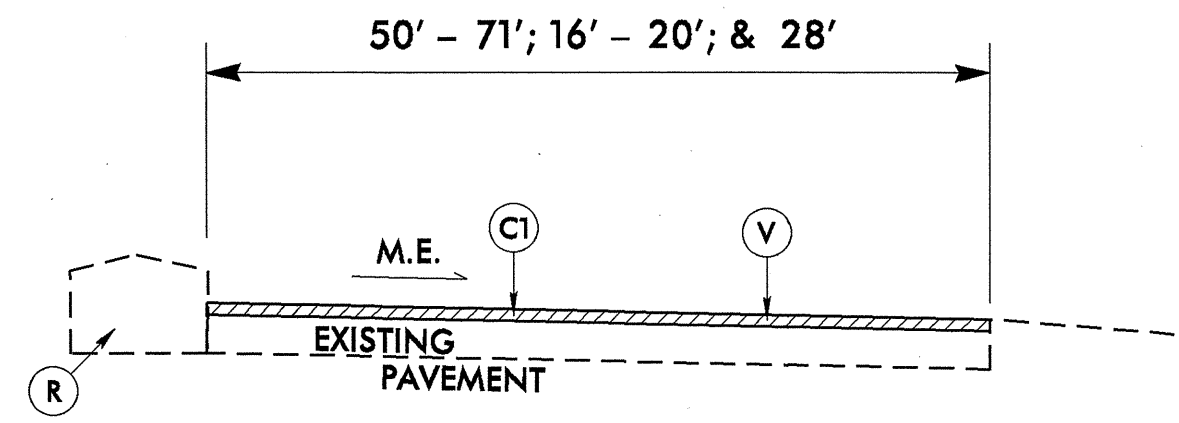
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TYPICAL SECTION NO. 8

MAP NO. 4
 NC 24 EBL (ENTRANCE RAMP FROM M.C.A.B. MAIN GATE)
 MP 0.00 TO MP 0.07

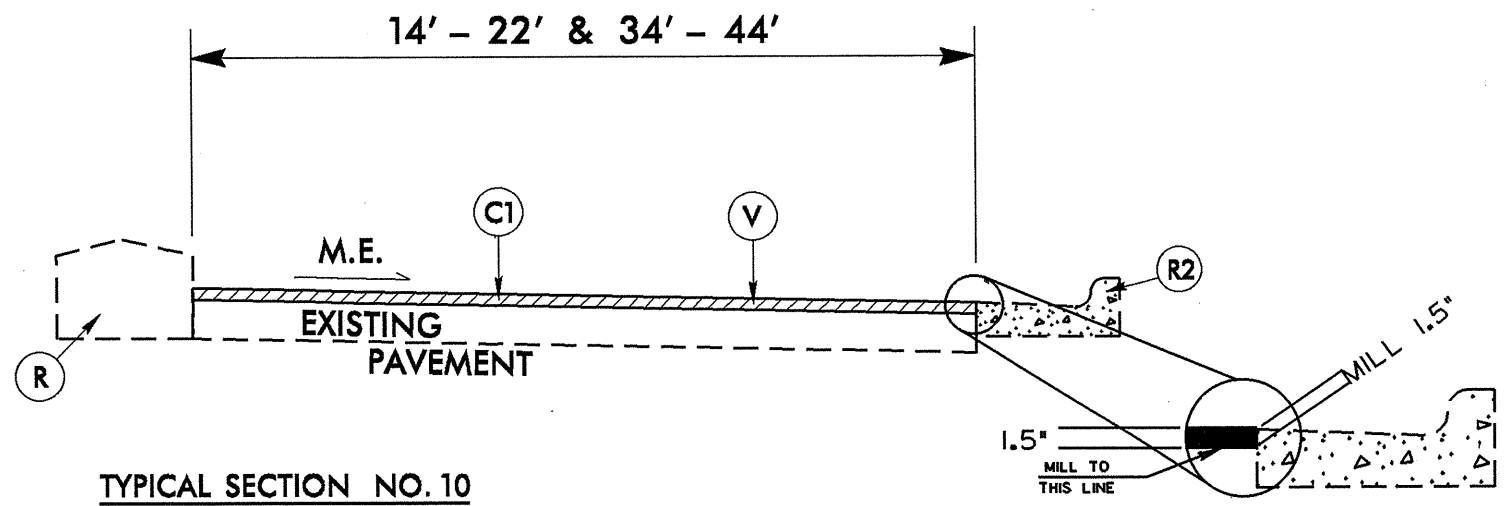
MAP NO. 6
 NC 24 WBL (EXIT LOOP FROM NC 24 WBL TO M.C.A.B. MAIN GATE)
 MP 0.00 TO MP 0.14



TYPICAL SECTION NO. 9

MAP NO. 5
 NC 24 WBL (EXIT RAMP FROM M.C.A.B. MAIN GATE)
 MP 0.11 TO MP 0.12
 MP 0.25 TO MP 0.32

MAP NO. 6
 NC 24 WBL (EXIT LOOP FROM NC 24 WBL TO M.C.A.B. MAIN GATE)
 MP 0.14 TO MP 0.20



TYPICAL SECTION NO. 10

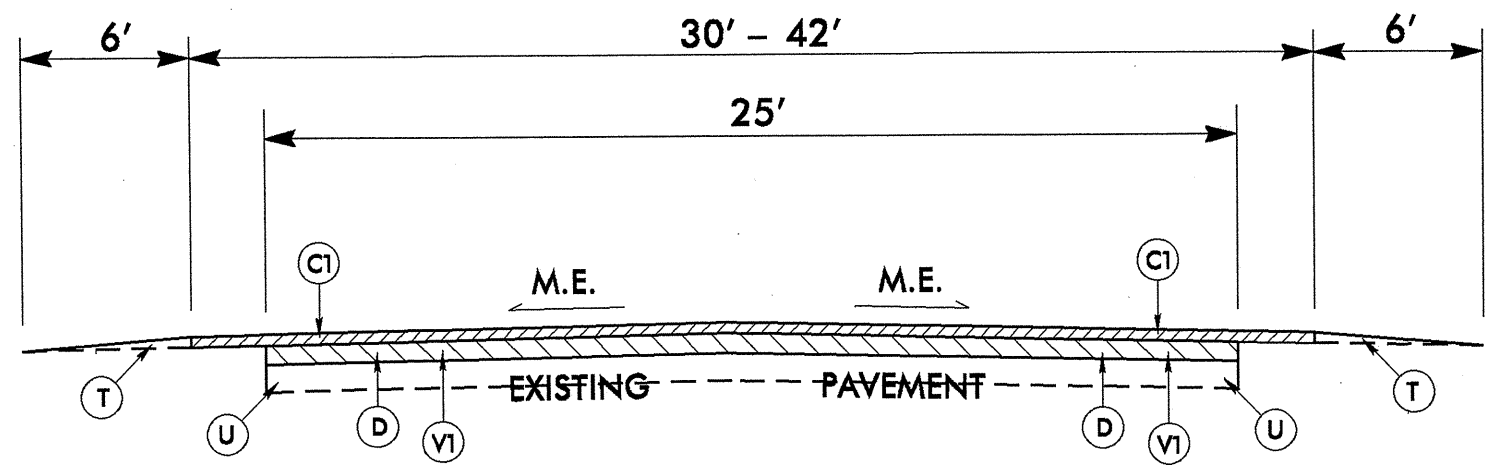
MAP NO. 5
 NC 24 WBL (EXIT RAMP FROM M.C.A.B. MAIN GATE)
 MP 0.12 TO MP 0.18

MAP NO. 6
 NC 24 WBL (EXIT LOOP FROM NC 24 WBL TO M.C.A.B. MAIN GATE)
 MP 0.27 TO MP 0.36

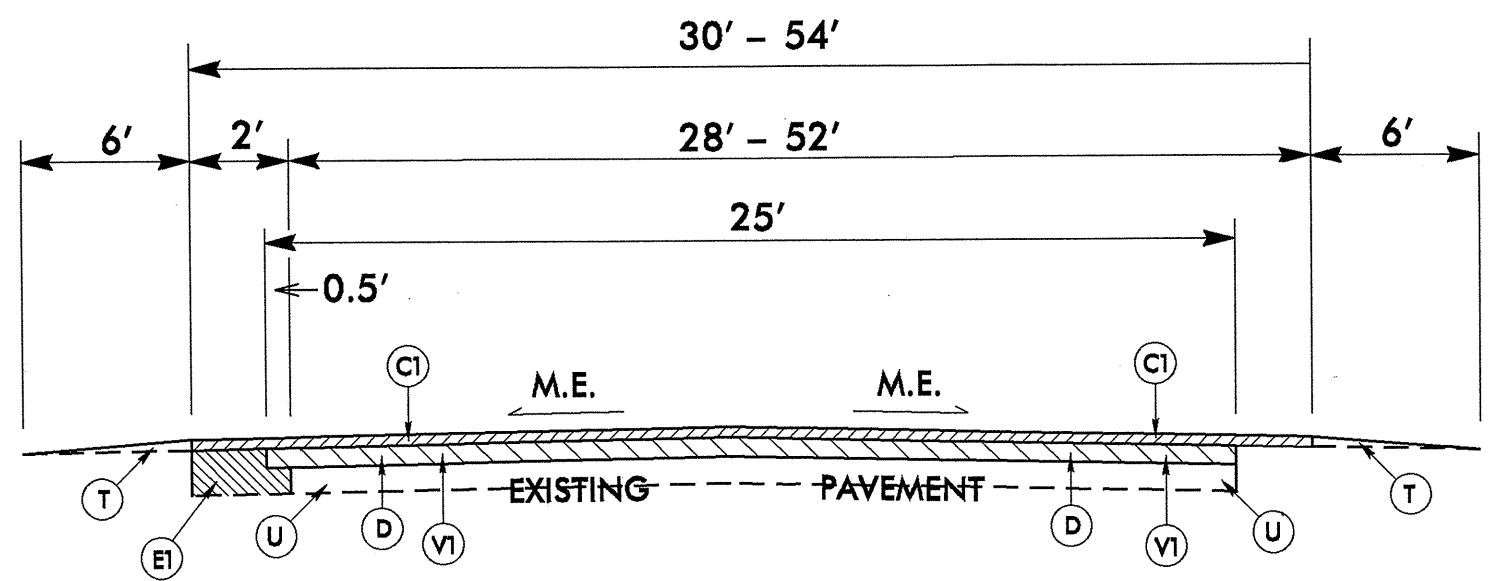
PAVEMENT SCHEDULE			
C	1½" S9.5B	R1	CONC. MEDIAN C & G
C1	1½" S9.5C	R2	2'-6" CURB & GUTTER
D	2½" I19.0C	T	EARTH MATERIAL (SH. RECONSTR.)
E	4" B25.0B	U	EXISTING PAVEMENT
E1	5½" B25.0C	V	MILLING 1½" DEPTH
R	CONC. MONOLITHIC ISLAND	V1	MILLING 2½" DEPTH

NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.
 SEE STD. DRAWING 1205.01, SHEET 2 OF 2, TABLE 1 FOR EDGE LINE OFFSETS.
 M.E. = MATCH EXISTING

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TYPICAL SECTION NO. 11
 MAP NO. 7
 US 17 NBL
 MP 18.19 TO MP 18.84



TYPICAL SECTION NO. 12
 MAP NO. 8
 US 17 SBL
 MP 18.18 TO MP 20.03

- SEQUENCE OF WORK:**
1. PLACE WIDENING FLUSH
 2. MILL AS SHOWN
 3. PLACE INTERMEDIATE COURSE
 4. RESURFACE ENTIRE ROADWAY

PAVEMENT SCHEDULE			
C	1½" S9.5B	R1	CONC. MEDIAN C & G
C1	1½" S9.5C	R2	2'-6" CURB & GUTTER
D	2½" I19.0C	T	EARTH MATERIAL (SH. RECONSTR.)
E	4" B25.0B	U	EXISTING PAVEMENT
E1	5½" B25.0C	V	MILLING 1½" DEPTH
R	CONC. MONOLITHIC ISLAND	V1	MILLING 2½" DEPTH

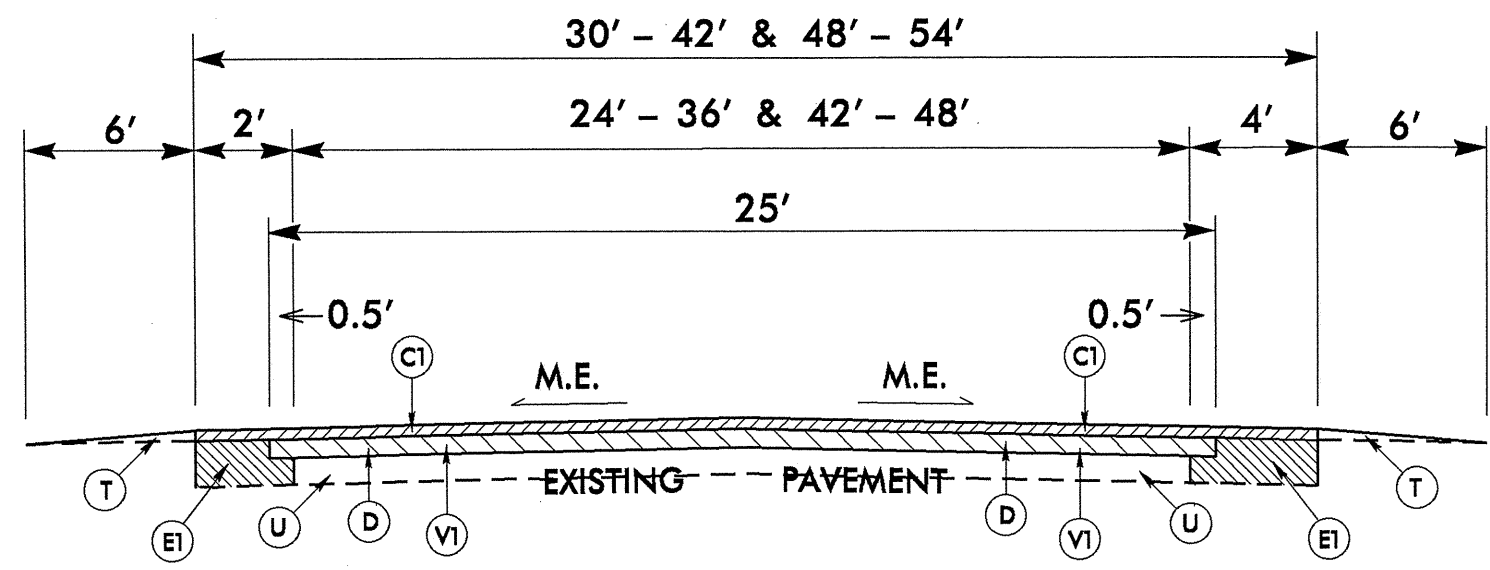
NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.
 SEE STD. DRAWING 1206.01, SHEET 2 OF 2, TABLE 1 FOR EDGE LINE OFFSETS.
 M.E. = MATCH EXISTING

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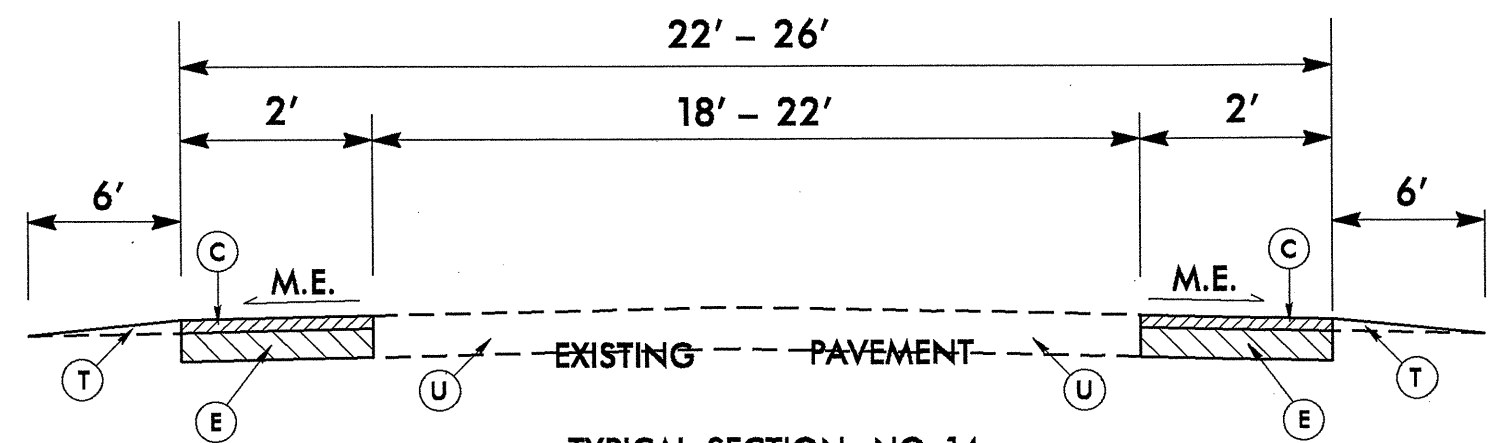
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- SEQUENCE OF WORK:**
 1. PLACE WIDENING FLUSH
 2. MILL AS SHOWN
 3. PLACE INTERMEDIATE COURSE
 4. RESURFACE ENTIRE ROADWAY



TYPICAL SECTION NO. 13

MAP NO. 7
 US 17 NBL
 MP 18.84 TO MP 19.79



TYPICAL SECTION NO. 14

MAP NO. 9
 SR 1503 (BEAR CREEK RD.)
 MP 0.11 TO MP 2.35
 MP 3.15 TO MP 3.88

MAP NO. 16
 SR 1434 (BELGRADE SWANSBORO RD.)
 MP 0.00 TO MP 4.89

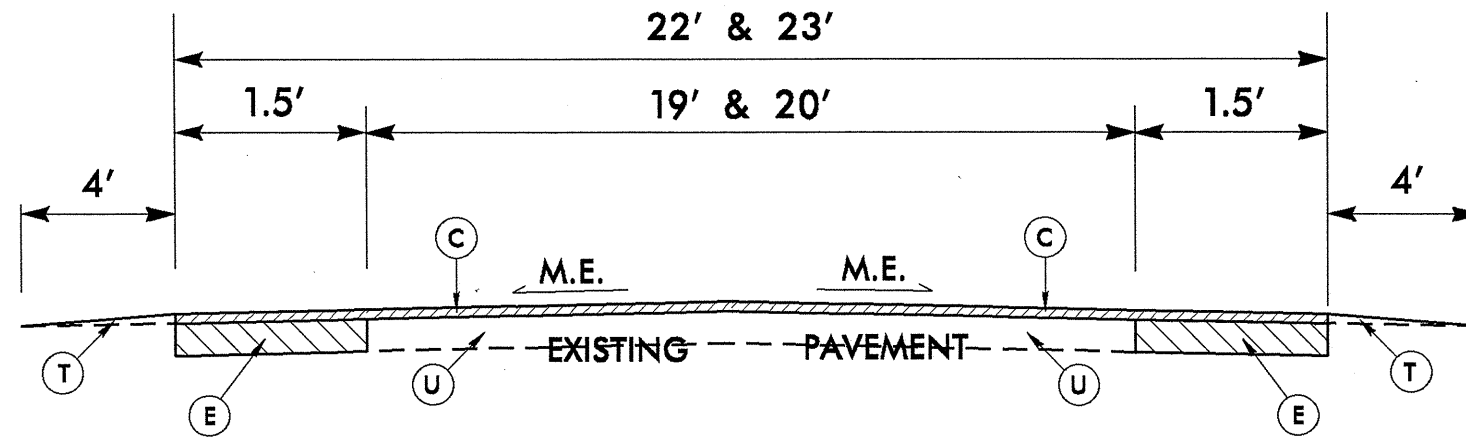
MAP NO. 18
 SR 1314 (NORTHWEST BRIDGE RD.)
 MP 0.00 TO MP 3.00
 NO WORK (BRIDGE #39) MP 0.98 TO MP 1.00

PAVEMENT SCHEDULE			
C	1½" S9.5B	R1	CONC. MEDIAN C & G
C1	1½" S9.5C	R2	2'-6" CURB & GUTTER
D	2½" I19.0C	T	EARTH MATERIAL (SH. RECONSTR.)
E	4" B25.0B	U	EXISTING PAVEMENT
E1	5½" B25.0C	V	MILLING 1½" DEPTH
R	CONC. MONOLITHIC ISLAND	V1	MILLING 2½" DEPTH

NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.
 SEE STD. DRAWING 1205.01, SHEET 2 OF 2, TABLE 1 FOR EDGE LINE OFFSETS.
 M.E. = MATCH EXISTING

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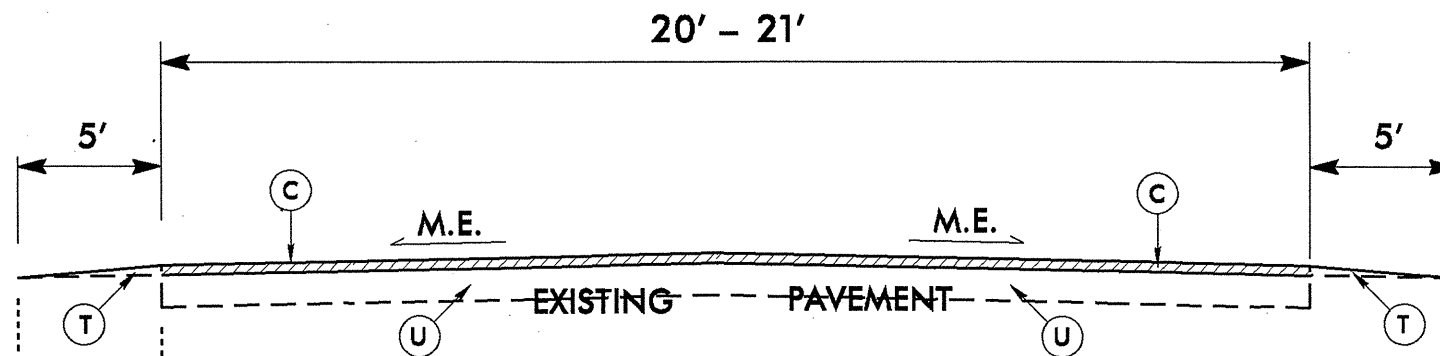
TYPICAL SECTION NO. 15

MAP NO. 9
SR 1503 (BEAR CREEK RD.)
MP 2.35 TO MP 3.15

MAP NO. 14
SR 1518 (OLD FOLKSTONE RD.)
MP 2.48 TO MP 3.39
MP 4.24 (LT.) TO MP 4.85
MP 4.37 (RT.) TO MP 4.85

PAVEMENT SCHEDULE			
C	1½" S9.5B	R1	CONC. MEDIAN C & G
C1	1½" S9.5C	R2	2'-6" CURB & GUTTER
D	2½" I19.0C	T	EARTH MATERIAL (SH. RECONSTR.)
E	4" B25.0B	U	EXISTING PAVEMENT
E1	5½" B25.0C	V	MILLING 1½" DEPTH
R	CONC. MONOLITHIC ISLAND	V1	MILLING 2½" DEPTH

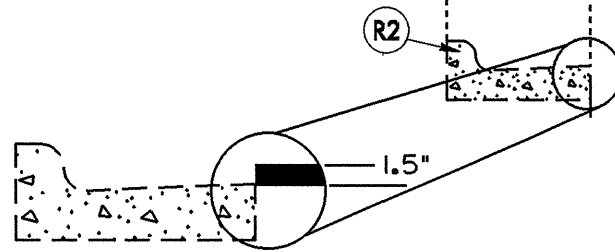
NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.
SEE STD. DRAWING 1205.01, SHEET 2 OF 2, TABLE 1 FOR EDGE LINE OFFSETS.
M.E. = MATCH EXISTING



TYPICAL SECTION NO. 16

MAP NO. 10
SR 1447 (MAIN STREET EXT.)
MP 0.79 TO MP 1.26

MAP NO. 11
SR 1749 (OLD 172 RD.)
MP 0.00 TO MP 0.22

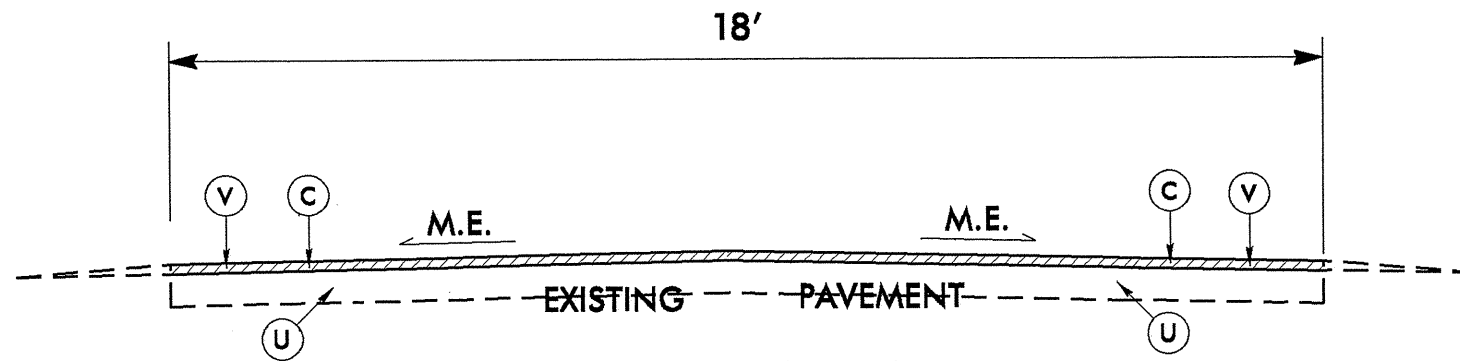


MAP NO. 10
SR 1447 (MAIN STREET EXT.)
MP 1.16 TO MP 1.26

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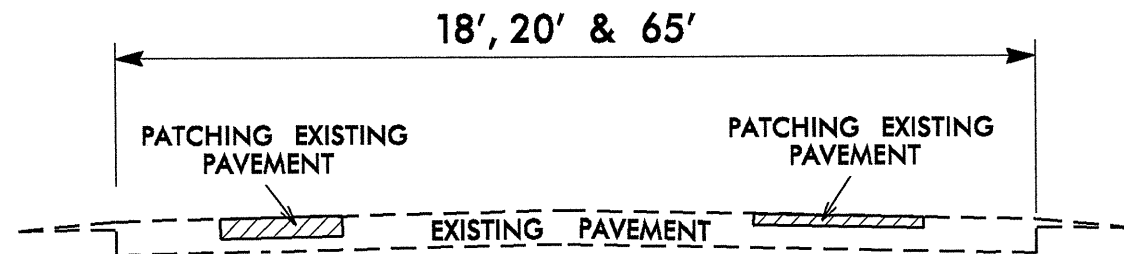
TYPICAL SECTION NO. 17

MAP NO. 12
SR 1884 (DALY ST.)
MP 0.00 TO MP 0.115

PAVEMENT SCHEDULE			
C	1½" S9.5B	R1	CONC. MEDIAN C & G
C1	1½" S9.5C	R2	2'-6" CURB & GUTTER
D	2½" I19.0C	T	EARTH MATERIAL (SH. RECONSTR.)
E	4" B25.0B	U	EXISTING PAVEMENT
E1	5½" B25.0C	V	MILLING 1½" DEPTH
R	CONC. MONOLITHIC ISLAND	V1	MILLING 2½" DEPTH

NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.
SEE STD. DRAWING 1205.01, SHEET 2 OF 2, TABLE 1 FOR EDGE LINE OFFSETS.
M.E. = MATCH EXISTING

MILL PATCHING ONLY

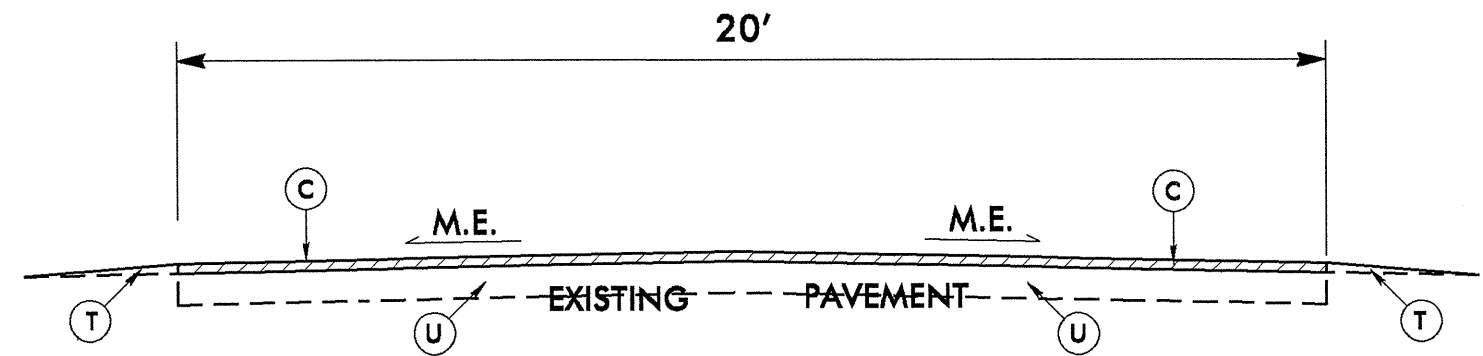


TYPICAL SECTION NO. 18

MAP NO. 13
SR 2307 (LAKE ST.)
MP 0.00 TO MP 0.52
USE 2.5" ACIC I19.0B

MAP NO. 15
SR 1459 (WALTON RD.)
MP 0.00 TO MP 0.82
USE 1.75" ACSC S9.5B

MAP NO. 17
SR 1308 (GUM BRANCH RD.)
MP 8.60 TO MP 13.15
USE 2" ACSC S9.5B



TYPICAL SECTION NO. 19

MAP NO. 14
SR 1518 (OLD FOLKSTONE RD.)
MP 3.39 TO MP 4.24 (LT.)
MP 3.39 TO MP 4.37 (RT.)

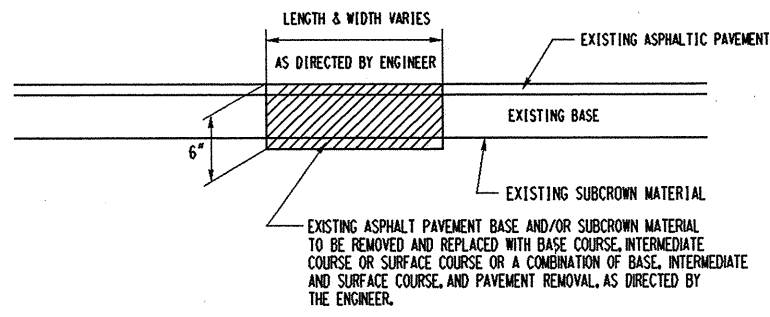
(V) NOTE: MILLING 1.5" - ONLY ON BRIDGE #181
REPLACE WITH 1.5" ACSC S9.5B

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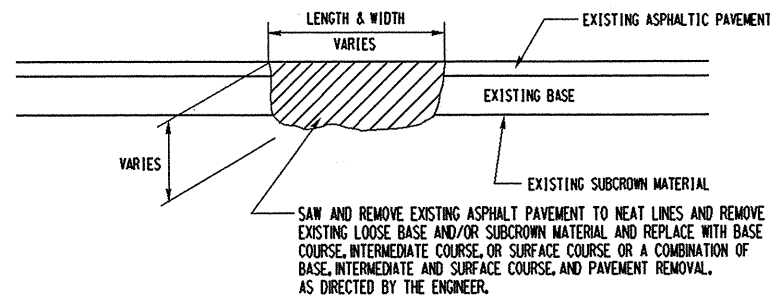
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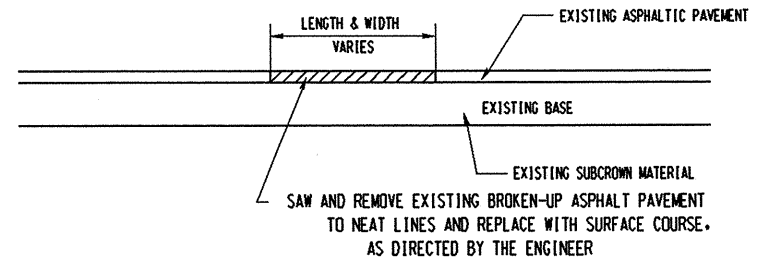
DETAILS OF REPAIRING EXISTING PAVEMENT PRIOR TO RESURFACING FOR FULL DEPTH AND MILLING



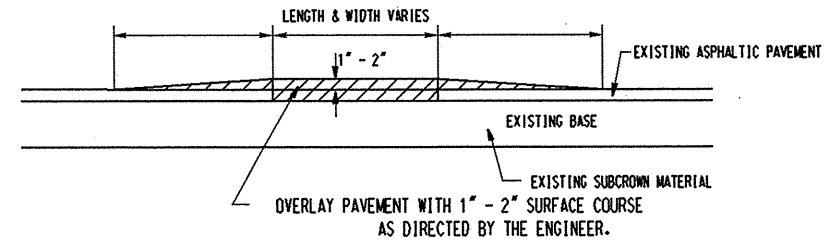
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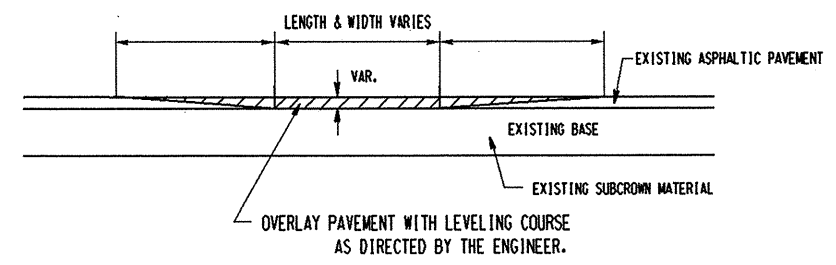
DETAIL NO. 2



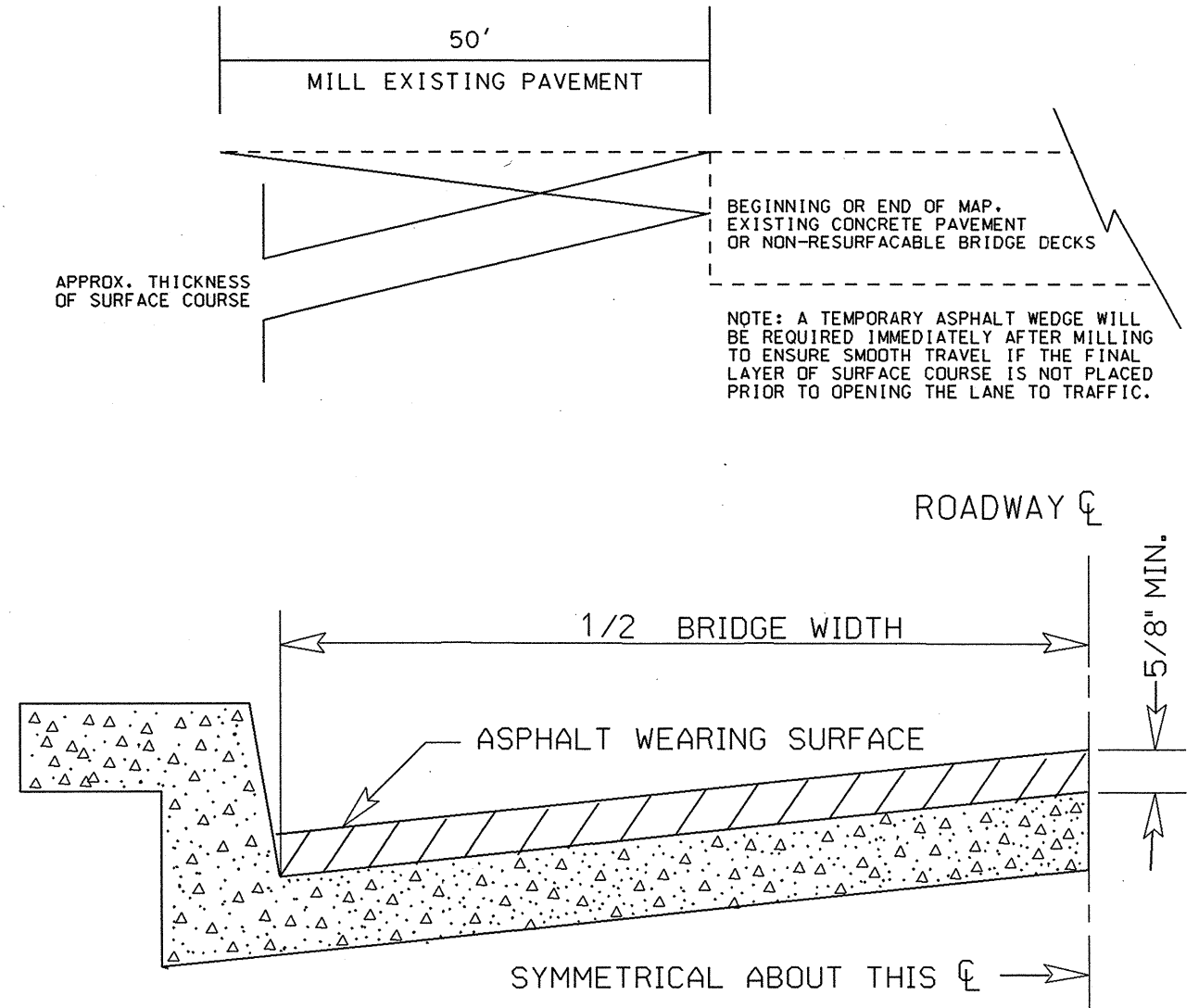
DETAIL NO. 3



DETAIL NO. 4



DETAIL NO. 5



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 5/8" SHALL BE PROVIDED. THE MAXIMUM THICKNESS SHALL PREFERABLY BE 1-1/2" UNLESS IT IS IMPRACTICAL TO PROVIDE A SMOOTH RIDING SURFACE OTHERWISE.

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 SUSPENSE

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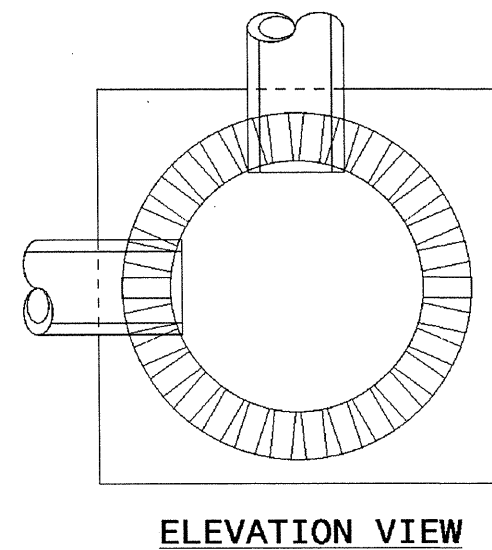
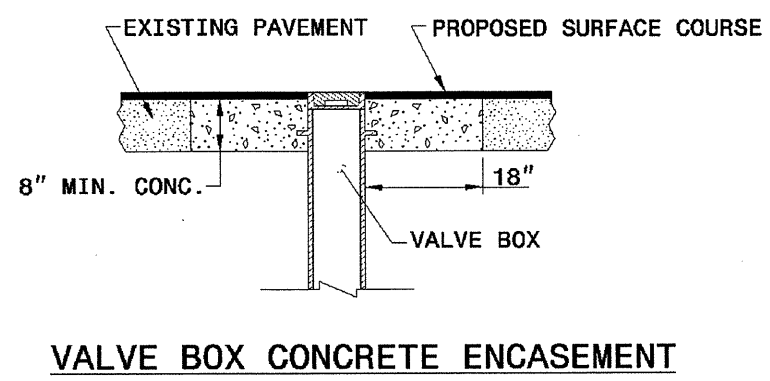
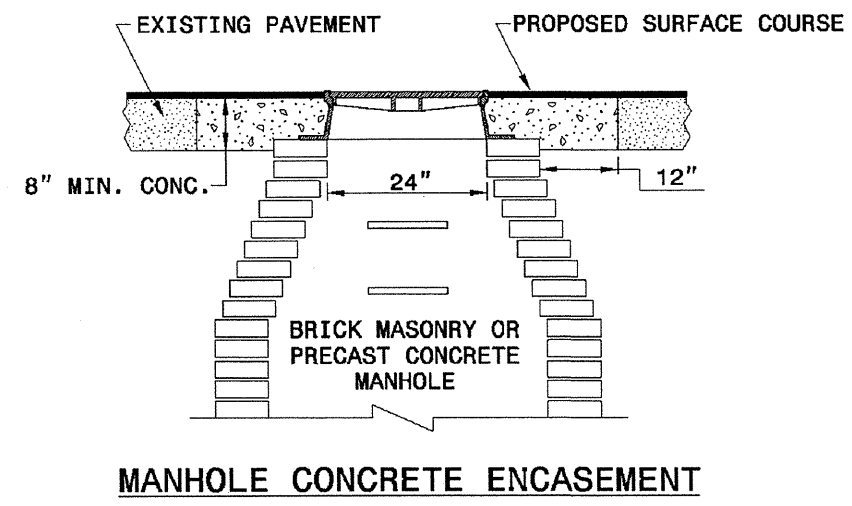
STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR
MANHOLE AND VALVE BOX ADJUSTMENTS

SHEET 1 OF 1
840D55

GENERAL NOTES:

1. USE RAPID SET GROUT, MORTAR, OR CONCRETE WITH A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI.
2. REMOVE ALL FAULTY EXISTING BRICKWORK AND REPLACE WITH NEW BRICK MASONRY.
3. SHEER CUT EXCAVATION FOR THE ADJUSTMENT ON ALL SIDES.
4. FILL AREA BELOW 8" DEPTH WITH 78M OR NO. 57 CLEAN STONE.
5. MIX MORTAR TO NCDOT SPECIFICATIONS.
6. MORTAR JOINTS 1/2" +/- 1/8"



PLACE BRICK ACCORDING TO ELEVATION VIEW

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR
MANHOLE AND VALVE BOX ADJUSTMENTS

SHEET 1 OF 1
840D55

PROJECT SERVICES UNIT
STANDARDS AND SPECIAL DESIGN
Office 919-250-4128 FAX 919-250-4119

SEE PLATE FOR TITLE

ORIGINAL BY: _____ DATE: _____
MODIFIED BY: E.E. WARD DATE: _____
CHECKED BY: _____ DATE: _____
FILE SPEC.: /usr/details/stand/840d55.dgn

27-DEC-2005 10:25
S:\C:\Program Files\Autodesk\AutoCAD 2005\acad.dwg
P:\work\840D55.dwg
Special Details\stand\840d55.dwg

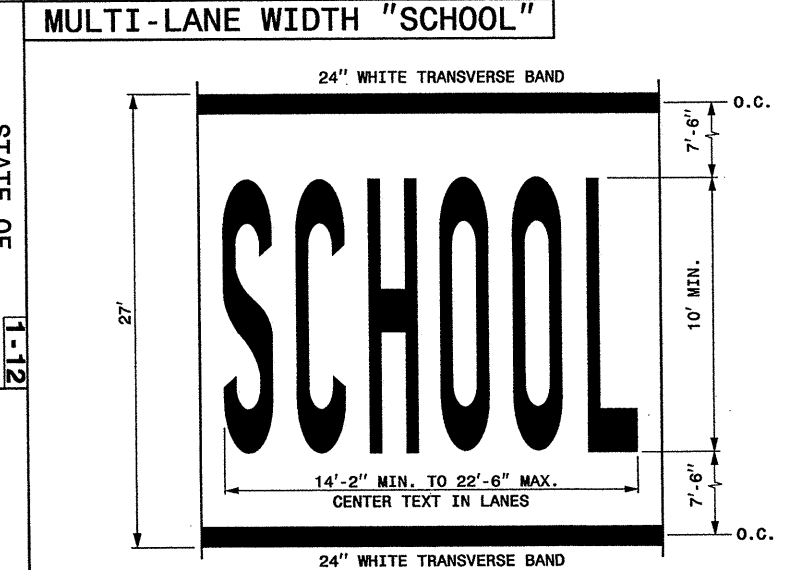
TIP NO. 3CA.10671.140, etc. SHEET NO. 14

APPROVED: *RWF*

DATE: 12/8/12

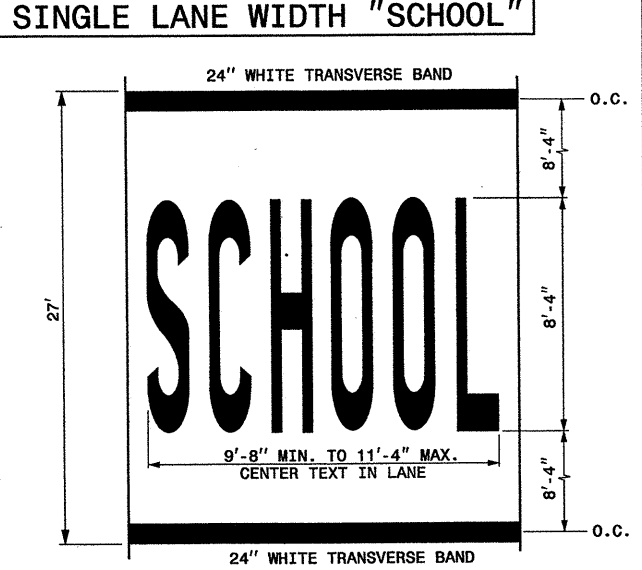
SEAL

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

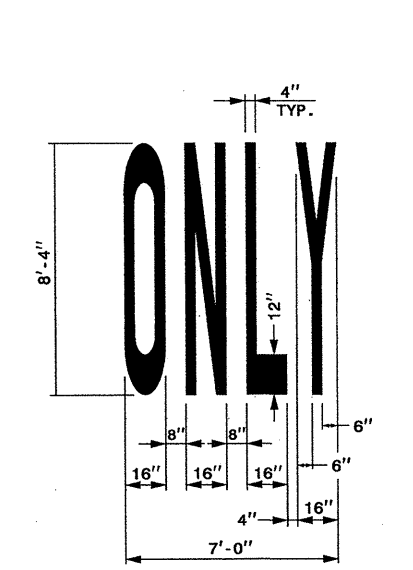


LETTER HEIGHT = 10' MIN.
LETTER WIDTH = 20"
SPACING = 10" MIN./30" MAX. (USE EQUAL SPACING BETWEEN LETTERS)

NOTE: THE TWO-LANE PAVEMENT MARKING DIMENSIONS OF "SCHOOL" SHOWN IN PART 7 OF THE MUTCD MAY ALSO BE USED.



LETTER HEIGHT = 8'-4"
LETTER WIDTH = 16"
SPACING = 4" MIN./8" MAX. (USE EQUAL SPACING BETWEEN LETTERS)



STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

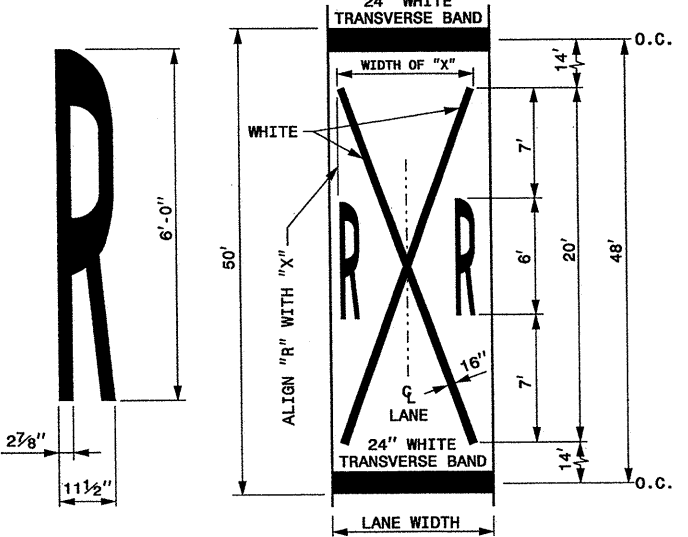
ENGLISH DETAIL DRAWING FOR
PAVEMENT MARKINGS
SYMBOLS AND WORD MESSAGES

ENGLISH DETAIL DRAWING FOR
PAVEMENT MARKINGS
SYMBOLS AND WORD MESSAGES

SHEET 3 OF 8
1205D08

SHEET 3 OF 8
1205D08

RAILROAD RXR SYMBOL



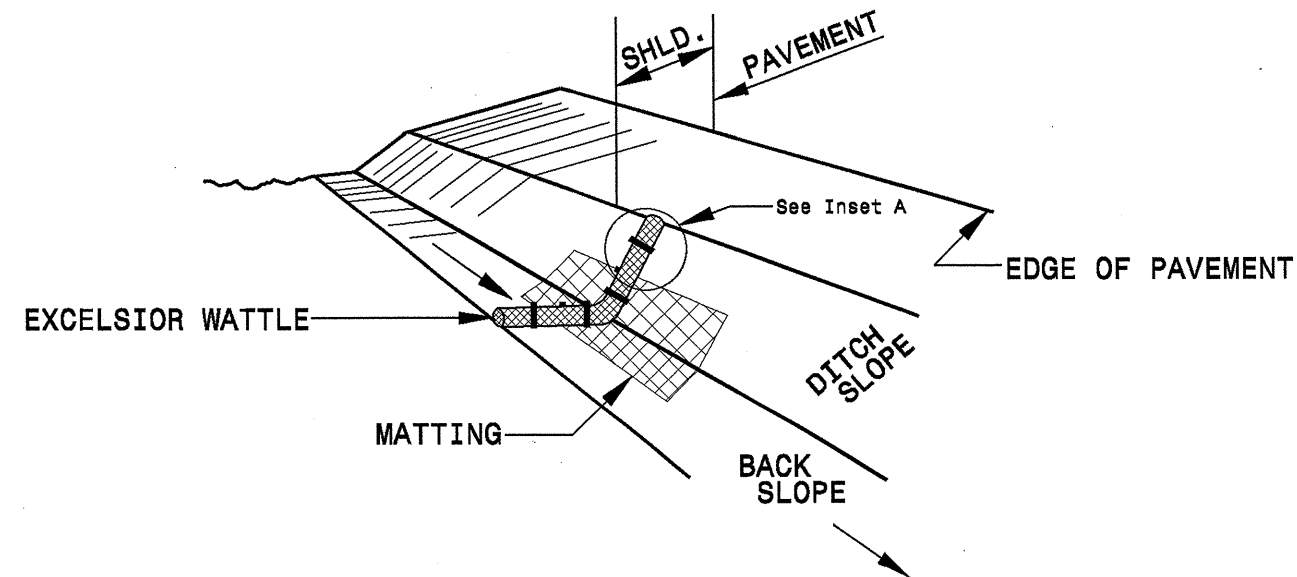
GENERAL NOTES:

- 1- THE SCHOOL PAVEMENT MARKING CONSISTS OF SIX (6) CHARACTERS. THE TWO (2) 24" TRANSVERSE BANDS WILL BE PAID FOR UNDER A SEPARATE PAY ITEM. REFER TO ROADWAY STANDARD DRAWING 1205.10 FOR ADDITIONAL PAVEMENT MARKING GUIDANCE.
- 2- PAVEMENT MARKING IN ADVANCE OF A HIGHWAY-RAIL CROSSING SHALL CONSIST OF TWO (2) CHARACTERS AND TWO (2) 16" LINES (FORMING AN X) WHICH ARE PAID FOR UNDER TWO SEPARATE PAY ITEMS. THE TWO (2) 24" TRANSVERSE BANDS WILL BE PAID FOR UNDER A SEPARATE PAY ITEM. REFER TO ROADWAY STANDARD DRAWING 1205.11 FOR ADDITIONAL PAVEMENT MARKING GUIDANCE.

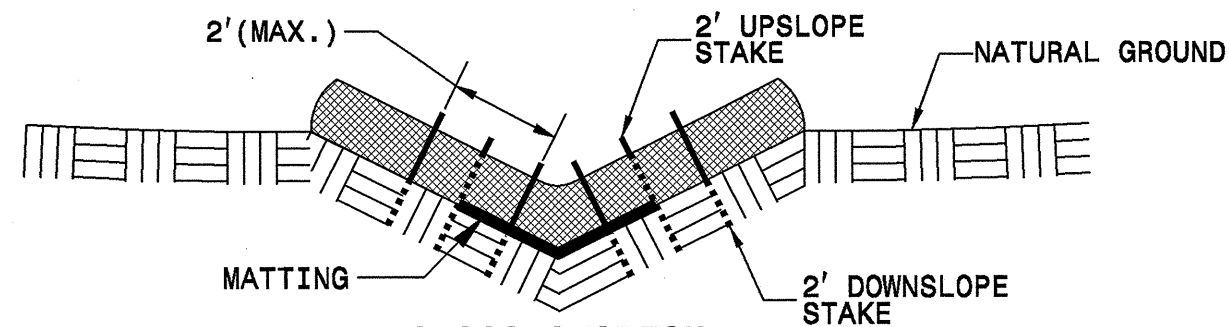
**REVISED PAVEMENT MARKING
ROADWAY STANDARD DRAWING**

08-MAR-2012 12:18 S:\S&DU\Standard\202 Standard Drawings\Standard Dwg 8-17-11\Revised\12050803.Revised 9-14-11_Scaled.dgn AT TE244745

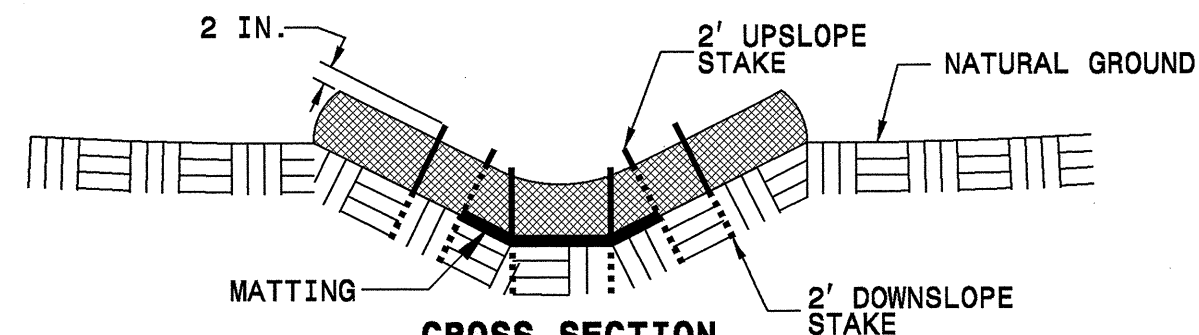
WATTLE DETAIL



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.

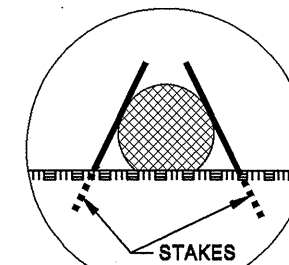
ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.

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

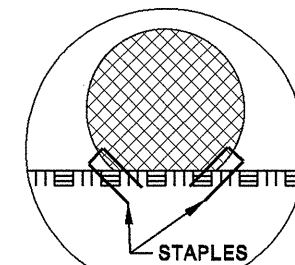
PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.

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

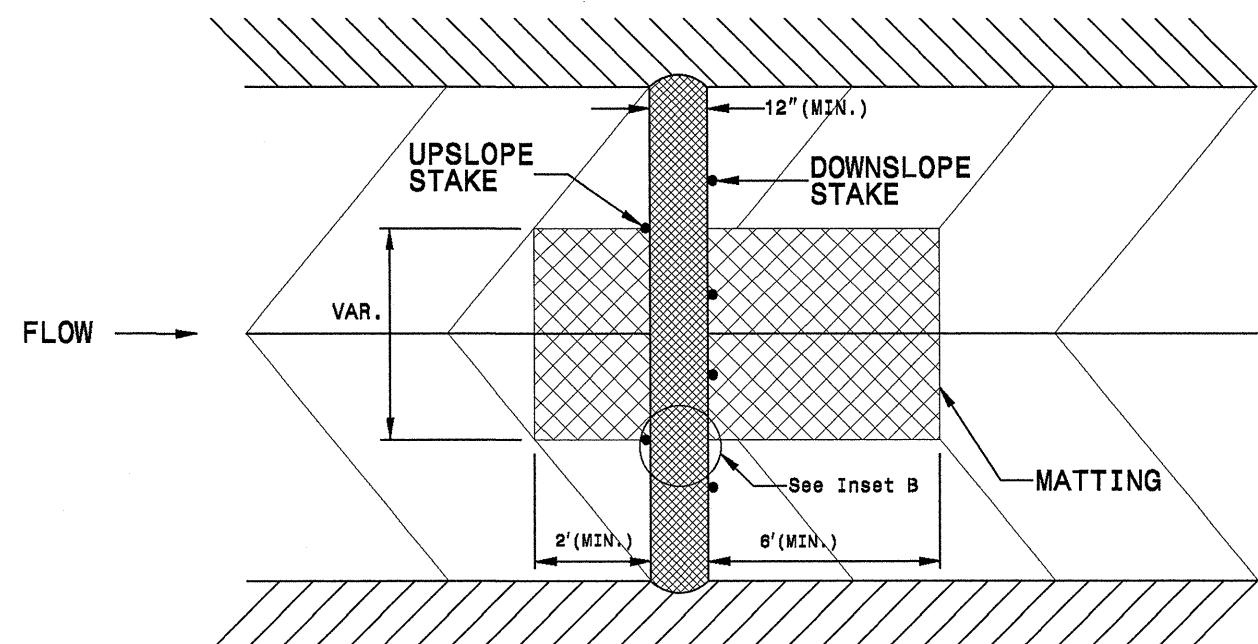
INSTALL MATTING IN ACCORDANCE WITH SECTION 1631 OF THE STANDARD SPECIFICATIONS.



INSET A



INSET B

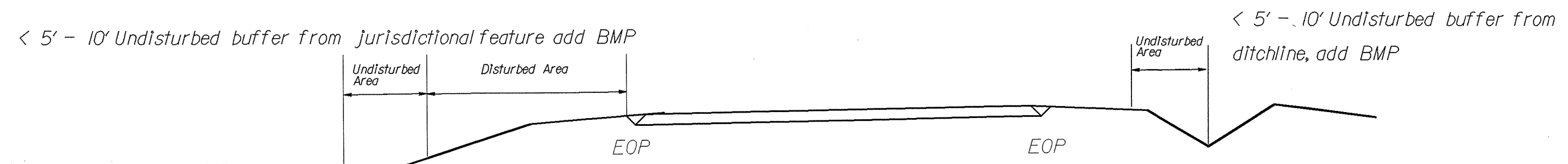
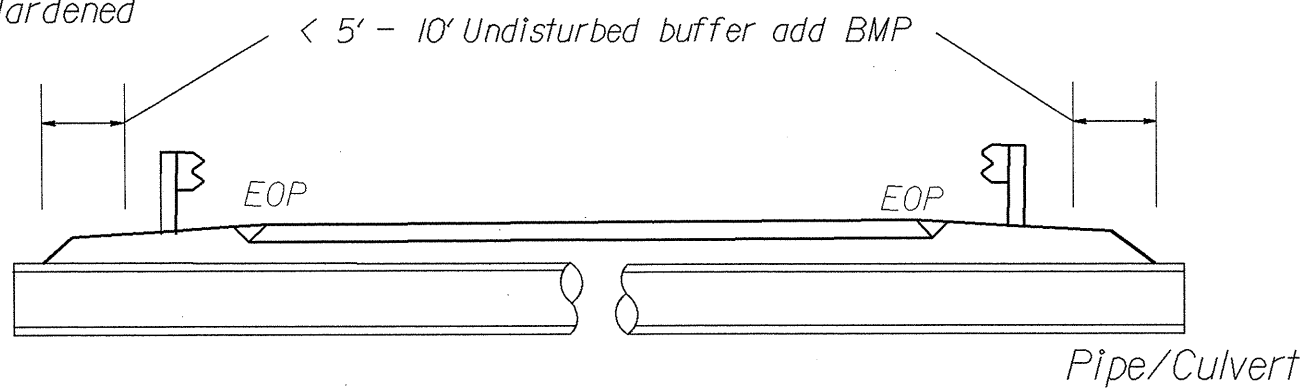


TOP VIEW

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

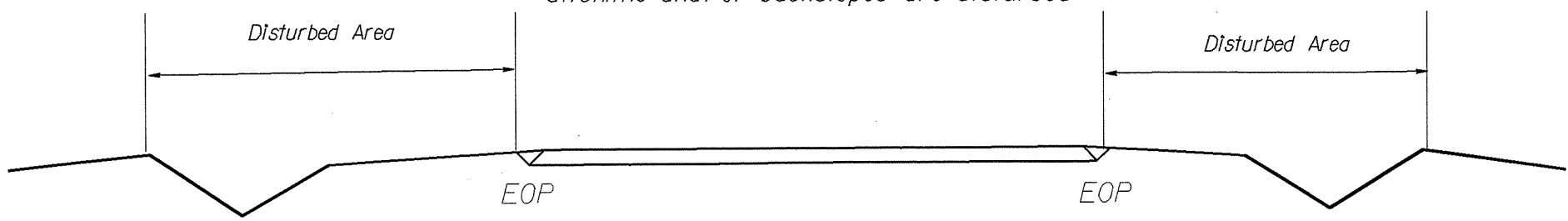
EROSION CONTROL DETAIL

BMP Options: Wattle, Silt Fence or Hardened Aggregate.

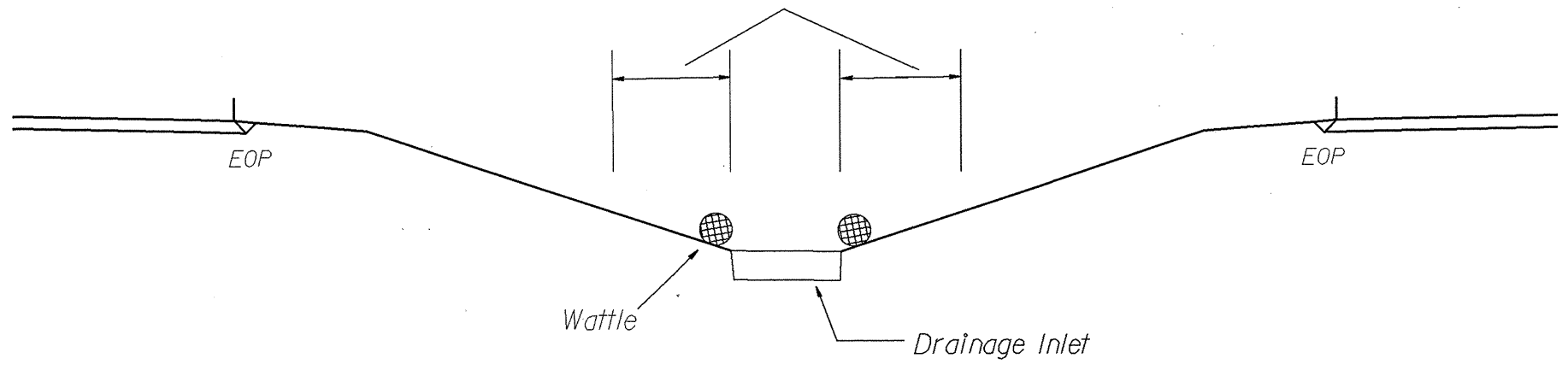


Jurisdictional Feature

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



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



NOT TO SCALE

PROJECT NO.	SHEET NO.	TOTAL NO.
3CR.10671.140, ETC.	17	32

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	FINAL SURFACE TESTING REQUIRED	LENGTH MI	WIDTH FT	BORROW EXC. CY	BORROW EXC. (STATE FURNISHED SOURCES) CY	INC. STONE BASE TONS	SHOULDER RECONST. SMI	1 1/2" MILLING SY	2 1/2" MILLING SY	INC. MILLING SY	BASE COURSE, B25.0B TONS	BASE COURSE, B25.0C TONS	INT. COURSE, I19.0C TONS	SURFACE COURSE, S9.5B TONS	SURFACE COURSE, S9.5C TONS	ASPHALT BINDER FOR PLANT MIX TON	PATCHING EXISTING PAVEMENT (MILL) TON	4" CONCRETE SIDEWALK SY
3CR.10671.140	Onslow	1	NC 24 EBL	NC 24 EBL (FROM NORTHEAST CREEK BRIDGE TO 0.17 MI. WEST OF SR 1406 (PINEY GREEN RD.) MP 24.70 - MP 26.85)	NA	NO	0				20												
		"	"	MILL & FILL IN TAPER 53' - 45' (MP 24.70 - MP 24.75)	1	NO	0.05	49					1,437	1,056				159		133	15		
		"	"	MILL & FILL FULL WIDTH 45' (MP 24.75 - MP 24.91)	1	NO	0.16	45					4,224	3,379				506		391	47		
		"	"	MILL & FILL IN TAPER 47' - 45' (MP 24.91 - MP 24.95)	2	NO	0.04	46					1,080	962				144		100	13		
		"	"	MILL & FILL FULL WIDTH 43' (MP 24.95 - MP 25.19)	2	NO	0.24	43					6,054	5,350				800		561	72		
		"	"	MILL & FILL IN TAPER 79' - 43' (MP 25.19 - MP 25.24)	2	NO	0.05	61					1,789	1,643				246		166	22		
		"	"	MILL & FILL FULL WIDTH 32' (VARIOUS SECTIONS MP 25.24 - MP 26.75)	3	NO	0.85	32					15,957							1,480	87		
		"	"	MILL & FILL IN TAPER 64' - 48' (MP 25.60 - MP 25.73)	3	NO	0.13	56					4,271							396	23		
		"	"	MILL & FILL IN TAPERS 32' - 44' (VARIOUS SECTIONS MP 25.73 - MP 26.78)	3	NO	0.32	38					7,134							661	39		
		"	"	MILL & FILL FULL WIDTH 44' (VARIOUS SECTIONS MP 26.24 - MP 26.85)	3	NO	0.31	44					8,002							741	44		
TOTAL FOR MAP NO. 1								2.15			20		49,948	12,390				1,855		4,629	362		
3CR.10671.140	Onslow	2	NC 24 WBL	NC 24 WBL (FROM 0.17 MI. WEST OF SR 1406 (PINEY GREEN RD.) TO NORTHEAST CREEK BRIDGE MP 12.74 - MP 14.87)	NA	NO	0				20												
		"	"	MILL & FILL FULL WIDTH 32' (VARIOUS SECTIONS MP 12.74 - MP 14.36)	3	NO	1.14	32					21,402							1,985	117		
		"	"	MILL & FILL IN TAPER 32' - 56' (MP 12.78 - MP 12.84)	3	NO	0.06	44					1,549							144	8		
		"	"	MILL & FILL FULL WIDTH 56' (MP 12.84 - MP 12.88, MP 14.66 - MP 14.76)	3	NO	0.14	56					4,600							426	25		
		"	"	MILL & FILL FULL WIDTH 40' (MP 12.88 - MP 12.95)	3	NO	0.07	40					1,643							152	9		
		"	"	MILL & FILL IN TAPER 32' - 52' (MP 13.05 - MP 13.08, MP 13.33 - MP 13.36)	3	NO	0.06	42					1,478							137	8		
		"	"	MILL & FILL FULL WIDTH 52' (MP 13.08 - MP 13.11, MP 13.36 - MP 13.41)	3	NO	0.08	52					2,441							226	13		
		"	"	MILL & FILL FULL WIDTH 44' (MP 14.11 - MP 14.28)	3	NO	0.17	44					4,388							407	24		
		"	"	MILL & FILL FULL WIDTH 28' (MP 14.36 - MP 14.46)	4	NO	0.1	28					1,643							152	9		
		"	"	MILL & FILL IN TAPER 78' - 54' (MP 14.46 - MP 14.52)	4	NO	0.06	66					2,323							215	13		
		"	"	MILL & FILL FULL WIDTH 54' (MP 14.52 - MP 14.66)	4	NO	0.14	54					4,435							411	24		
		"	"	MILL & FILL IN TAPER 58' - 44' (MP 14.76 - MP 14.87)	3	NO	0.11	51					3,291							305	18		
TOTAL FOR MAP NO. 2								2.13			20		49,193							4,560	268		
3CR.10671.140	Onslow	3	NC 24 EBL (EXIT RAMP TO M.C.A.B. MAIN GATE)	MILL & FILL GORE AREA BETWEEN EXIT RAMP & NC 24 FULL WIDTH 32' FROM MP 0.00 TO MP 0.15	5	NO	0.15	32					2,816							261	15		
		"	"	MILL & FILL EXIT RAMP IN TAPER 32' - 50' FROM MP 0.15 TO MP 0.23	5	NO	0.08	41					1,924							178	11		
		"	"	MILL & FILL EXIT RAMP FULL WIDTH 50' FROM MP 0.23 TO MP 0.24	6	NO	0.01	50					293							27	2		
		"	"	MILL & FILL EXIT RAMP FULL WIDTH 39' FROM MP 0.24 TO MP 0.26	7	NO	0.02	39					458							42	3		
		"	"	MILL & FILL EXIT RAMP IN TAPER 54' - 36' FROM MP 0.26 TO MP 0.30 (FIRST STOP BAR)	7	NO	0.04	45					1,056							98	6		
TOTAL FOR MAP NO. 3								0.3					6,547							606	37		

PROJECT NO.	SHEET NO.	TOTAL NO.
3CR.10671.140, ETC.	19	32

SUMMARY OF QUANTITIES

PROJECT NO.	COUNTY	MAP NO.	ROUTE	DESCRIPTION	TYP	FINAL SURFACE TESTING REQUIRED	LENGTH MI	WIDTH FT	BORROW EXC. CY	BORROW EXC. (STATE FURNISHED SOURCES) CY	INC. STONE BASE TONS	SHOULDER RECONST. SMI	1 1/2" MILLING SY	2 1/2" MILLING SY	INC. MILLING SY	BASE COURSE, B25.0B TONS	BASE COURSE, B25.0C TONS	INT. COURSE, I19.0C TONS	SURFACE COURSE, S9.5B TONS	SURFACE COURSE, S9.5C TONS	ASPHALT BINDER FOR PLANT MIX TON	PATCHING EXISTING PAVEMENT (MILL) TON	4" CONCRETE SIDEWALK SY
3CR.10671.140	Onslow	4	NC 24 EBL (ON RAMP FROM M.C.A.B. MAIN GATE TO NC 24 EBL)	MILL & FILL ON RAMP BEGIN AT 2' 6" C & G RIGHT TO GORE AREA BETWEEN RAMP & NC 24 EBL FULL WIDTH 22' FROM MP 0.00 TO MP 0.07	8	NO	0.07	22					904							84	5		
		"	"	MILL & FILL ON RAMP FULL WIDTH 24' FROM MP 0.07 TO MP 0.16	5	NO	0.09	24					1,267							118	7		
TOTAL FOR MAP NO. 4								0.16					2,171							202	12		
3CR.10671.140	Onslow	5	NC 24 WBL (ON RAMP EXITING M.C.A.B. MAIN GATE TO NC 24 WBL)	MILL & FILL ON RAMP FROM FIRST STOP BAR IN TAPER 36' - 50' FROM MP 0.00 TO MP 0.11	6	NO	0.11	43					2,775							257	15		
		"	"	MILL & FILL ON RAMP IN TAPER 50' - 71' FROM MP 0.11 TO MP 0.12	9	NO	0.01	60.5					355							33	2		
		"	"	MILL & FILL ON RAMP IN TAPER 44' - 34' FROM MP 0.12 TO MP 0.14	10	NO	0.02	39					458							42	3		
		"	"	MILL & FILL ON RAMP FULL WIDTH 34' FROM MP 0.14 TO MP 0.18 (BEG. BRIDGE DECK)	10	NO	0.04	34					798							74	4		
		"	"	NO WORK (BRIDGE DECK)	NA	NO	0.07	31															
		"	"	MILL & FILL ON RAMP FULL WIDTH 28' FROM BRIDGE DECK MP 0.25 TO MP 0.32	9	NO	0.07	28					1,150							107	6		
		"	"	MILL & FILL ON RAMP FULL WIDTH 32' FROM MP 0.32 TO MP 0.36	6	NO	0.04	32					751							70	4		
		"	"	MILL & FILL RAMP FULL WIDTH 32' FROM MP 0.36 TO MP 0.39, MP 0.44 TO MP 0.58 (GORE AREA BETWEEN RAMP & NC 24 WBL) MP 0.36 - MP 0.39, MP 0.44 - MP 0.58	5	NO	0.17	32					3,192							296	17		
		"	"	MILL & FILL ON RAMP IN TAPER 32' - 43' FROM MP 0.39 TO MP 0.41	5	NO	0.02	37.5					440							41	2		
		"	"	MILL & FILL ON RAMP FULL WIDTH 43' FROM MP 0.41 TO MP 0.44	5	NO	0.03	43					757							70	4		
TOTAL FOR MAP NO. 5								0.58					10,676							990	57		
3CR.10671.140	Onslow	6	NC 24 WBL (EXIT LOOP FROM NC 24 WBL TO M.C.A.B. MAIN GATE)	MILL & FILL EXIT RAMP FULL WIDTH 21' AT GORE AREA BETWEEN LOOP & NC 24 WBL FROM MP 0.00 TO MP 0.14	8	NO	0.14	21					1,725							160	9		
		"	"	NC 24 WBL EXIT RAMP FULL WIDTH 16' FROM MP 0.14 TO MP 0.17	9	NO	0.03	16					282							26	2		
		"	"	MILL & FILL EXIT LOOP IN TAPER 16' - 20' FROM MP 0.17 TO MP 0.20	9	NO	0.03	18					317							29	2		
		"	"	NO WORK (BRIDGE DECK)	NA	NO	0.07	20															
		"	"	MILL & FILL EXIT LOOP FULL WIDTH 22' FROM MP 0.27 TO MP 0.33	10	NO	0.06	22					774							72	4		
		"	"	MILL & FILL EXIT LOOP IN TAPER 22' - 14' FROM MP 0.33 TO MP 0.36	10	NO	0.03	18					317							29	2		
TOTAL FOR MAP NO. 6								0.36					3,415							316	19		

PROJECT NO.	SHEET NO.	TOTAL NO.
3CR.10671.140, ETC.	21	32

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	FINAL SURFACE TESTING REQUIRED	LENGTH MI	WIDTH FT	BORROW EXC. CY	BORROW EXC. (STATE FURNISHED SOURCES) CY	INC. STONE BASE TONS	SHOULDER RECONST. SMI	1 1/2" MILLING SY	2 1/2" MILLING SY	INC. MILLING SY	BASE COURSE, B25.0B TONS	BASE COURSE, B25.0C TONS	INT. COURSE, I19.0C TONS	SURFACE COURSE, S9.5B TONS	SURFACE COURSE, S9.5C TONS	ASPHALT BINDER FOR PLANT MIX TON	PATCHING EXISTING PAVEMENT (MILL) TON	4" CONCRETE SIDEWALK SY	
3CR.10671.140	Onslow	7	US 17 NBL	US 17 NBL FROM SOUTHWEST CREEK BRIDGE TO 0.24 MI. SOUTH OF SR 1130 (OLD MAPLEHURST RD.) MP 18.19 - MP 19.79	NA	YES	0				25				400									
		"	"	WIDENING FULL WIDTH 30' (MP 18.19 - MP 18.61, MP 18.69 - MP 18.84)	11	YES	0.57	30	181.5	181.5		1.14		8,360				1,251		931	115			
		"	"	WIDEN IN TAPER 30' - 42' (MP 18.61 - MP 18.65)	11	YES	0.04	36	12.5	12.5		0.08		587				88		78	9			
		"	"	WIDEN FULL WIDTH 42' (MP 18.65 - MP 18.69)	11	YES	0.04	42	12.5	12.5		0.08		587				88		91	10			
		"	"	WIDEN FULL WIDTH 24' (VARIOUS SECTIONS MP 18.84 - MP 19.74)	13	YES	0.48	24	54.0	54.0		0.96		7,040			557	1,053		781	121			
		"	"	WIDEN IN TAPERS 24' - 36' (VARIOUS SECTIONS MP 18.96 - MP 19.78)	13	YES	0.2	30	22.5	22.5		0.40		2,933			232	439		390	54			
		"	"	WIDEN FULL WIDTH 36' (VARIOUS SECTIONS MP 19.01 - MP 19.79)	13	YES	0.19	36	21.5	21.5		0.38		2,787			220	417		433	55			
		"	"	WIDEN IN TAPER 24' - 29' (MP 19.16 - 19.18)	13	YES	0.02	26.5	2.5	2.5		0.04		293			23	44		35	5			
		"	"	WIDEN IN TAPER 42' - 48' (MP 19.21 - 19.23)	13	YES	0.02	45	2.5	2.5		0.04		293			23	44		55	6			
		"	"	WIDEN FULL WIDTH 48' (MP 19.23 - MP 19.27)	13	YES	0.04	48	4.5	4.5		0.08		587			46	88		117	13			
TOTAL FOR MAP NO. 7							1.6		314.0	314.0	25	3.20		23,467	400		1,101	3,512		2,911	388			
3CR.10671.140	Onslow	8	US 17 SBL	US 17 SBL FROM SR 1130 (OLD MAPLEHURST RD.) TO SOUTHWEST CREEK BRIDGE MP 18.18 - MP 20.03	NA	YES	0				125				1,750									
		"	"	WIDEN FULL WIDTH 36' (MP 18.18 - MP 18.27)	12	YES	0.09	36	19.5	19.5		0.18		1,320			35	198		185	22			
		"	"	WIDEN IN TAPER 40' - 28' (VARIOUS SECTIONS MP 18.27 - MP 19.44)	12	YES	0.39	34	84.0	84.0		0.78		5,720			151	856		761	93			
		"	"	WIDEN FULL WIDTH 40' (VARIOUS SECTIONS MP 18.30 - MP 19.09)	12	YES	0.18	40	39.0	39.0		0.36		2,640			70	395		410	46			
		"	"	WIDEN FULL WIDTH 28' (VARIOUS SECTIONS MP 18.34 - MP 20.03)	12	YES	1.04	28	224.0	224.0		2.08		15,253			402	2,282		1,691	227			
		"	"	WIDEN IN TAPER 40' - 52' (VARIOUS SECTIONS MP 19.09 - MP 19.49)	12	YES	0.09	46	19.5	19.5		0.18		1,320			35	198		234	25			
		"	"	WIDEN FULL WIDTH 52' (VARIOUS SECTIONS MP 19.13 - MP 19.52)	12	YES	0.06	52	13.0	13.0		0.12		880			23	132		176	18			
TOTAL FOR MAP NO. 8							1.85		399.0	399.0	125	3.70		27,133	1,750		716	4,061		3,457	431			
TOTAL FOR PROJ NO. 3CR.10671.140							9.13		713.0	713.0	190	6.90		121,950	62,990	2,150		1,817	9,428		17,671	1,574		
3CR.20671.140	Onslow	9	SR 1503 (BEAR CREEK RD.)	SR 1503 (BEAR CREEK RD.) FROM BRIDGE #121 TO DEAD END (MP 0.11 - MP 3.88)	NA	NO	0																	
		"	"	WIDEN FROM EAST OF BRIDGE 21 TO SR 1509 (QUEENS CREEK RD.) MP 0.11 - MP 2.35	14	NO	2.24	26			250	4.48				1,258			486		85			
		"	"	WIDEN & RESURFACE FROM SR 1509 (QUEENS CREEK RD.) TO SR 1508 (GREAT NECK LANDING RD.) MP 2.35 - MP 3.15	15	NO	0.8	23	90.0	90.0	90	1.60			250	337			1,003		75			
		"	"	WIDEN FROM SR 1508 (GREAT NECK LANDING RD.) TO DEAD END MP 3.15 - MP 3.88	14	NO	0.73	22			45	1.46				410			124		25			
TOTAL FOR MAP NO. 9							3.77		90.0	90.0	385	7.54			250	2,005			1,613		185			
3CR.20671.140	Onslow	10	SR 1447 (MAIN STREET EXT.)	RESURFACE FROM SR 1444 (SWANSBORO LOOP RD.) TO NC 24 (W. CORBETT AVE.) MP 0.79 - MP 1.26	16	NO	0.47	20	131.5	131.5	40	0.84			300				513		31	35	80	
TOTAL FOR MAP NO. 10							0.47		131.5	131.5	40	0.84			300				513		31	35	80	
3CR.20671.140	Onslow	11	SR 1749 (OLD 172 RD.)	RESURFACE FROM NC 24 (FREEDOM WAY) TO SR 1744 (HUBERT BLVD.) MP 0.00 - MP 0.22	16	NO	0.22	21	69.0	69.0	25	0.44			250				252		15	35		
TOTAL FOR MAP NO. 11							0.22		69.0	69.0	25	0.44			250				252		15	35		

PROJECT NO.	SHEET NO.	TOTAL NO.
3CR.10671.140, ETC.	22	32

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	FINAL SURFACE TESTING REQUIRED	LENGTH MI	WIDTH FT	CONCRETE CURB RAMP EA	REMOVE & REPLACE CURB RAMP EA	ADJ. OF MANHOLES EA	ADJ. OF METER OR VALVE BOX EA	PORTABLE LIGHTING LS	TEMP. SILT FENCE LF	STONE FOR EC CLASS B TON	SEDIMENT CONTROL STONE TON	TEMP. MULCHING ACR	MATTING FOR EROSION CONTROL SY	1/4" HARDWARE CLOTH LF	WATTLE LF	SEED & MULCHING AC	SEED FOR REPAIR SEEDING LB	FERTILIZER FOR REPAIR SEEDING TON	INDUCTIVE LOOP SAWCUT LF	LEAD-IN CABLE (14-2) LF	
3CR.10671.140	Onslow	7	US 17 NBL	US 17 NBL FROM SOUTHWEST CREEK BRIDGE TO 0.24 MI. SOUTH OF SR 1130 (OLD MAPLEHURST RD.) MP 18.19 - MP 19.79	NA	YES	0						0.150	160	40	40	2.30	20	80	30	2.30	80	0.40			
		"	"	WIDENING FULL WIDTH 30' (MP 18.19 - MP 18.61, MP 18.69 - MP 18.84)	11	YES	0.57	30																		
		"	"	WIDEN IN TAPER 30' - 42' (MP 18.61 - MP 18.65)	11	YES	0.04	36																		
		"	"	WIDEN FULL WIDTH 42' (MP 18.65 - MP 18.69)	11	YES	0.04	42																		
		"	"	WIDEN FULL WIDTH 24' (VARIOUS SECTIONS MP 18.84 - MP 19.74)	13	YES	0.48	24																		
		"	"	WIDEN IN TAPERS 24' - 36' (VARIOUS SECTIONS MP 18.96 - MP 19.78)	13	YES	0.2	30																		
		"	"	WIDEN FULL WIDTH 36' (VARIOUS SECTIONS MP 19.01 - MP 19.79)	13	YES	0.19	36																		
		"	"	WIDEN IN TAPER 24' - 29' (MP 19.16 - 19.18)	13	YES	0.02	26.5																		
		"	"	WIDEN IN TAPER 42' - 48' (MP 19.21 - 19.23)	13	YES	0.02	45																		
		"	"	WIDEN FULL WIDTH 48' (MP 19.23 - MP 19.27)	13	YES	0.04	48																		
TOTAL FOR MAP NO. 7								1.6					0.150	160	40	40	2.30	20	80	30	2.30	80	0.40			
3CR.10671.140	Onslow	8	US 17 SBL	US 17 SBL FROM SR 1130 (OLD MAPLEHURST RD.) TO SOUTHWEST CREEK BRIDGE MP 18.18 - MP 20.03	NA	YES	0						0.150	185	47	47	2.70	20	93	30	2.70	93	0.50			
		"	"	WIDEN FULL WIDTH 36' (MP 18.18 - MP 18.27)	12	YES	0.09	36																		
		"	"	WIDEN IN TAPER 40' - 28' (VARIOUS SECTIONS MP 18.27 - MP 19.44)	12	YES	0.39	34																		
		"	"	WIDEN FULL WIDTH 40' (VARIOUS SECTIONS MP 18.30 - MP 19.09)	12	YES	0.18	40																		
		"	"	WIDEN FULL WIDTH 28' (VARIOUS SECTIONS MP 18.34 - MP 20.03)	12	YES	1.04	28																		
		"	"	WIDEN IN TAPER 40' - 52' (VARIOUS SECTIONS MP 19.09 - MP 19.49)	12	YES	0.09	46																		
		"	"	WIDEN FULL WIDTH 52' (VARIOUS SECTIONS MP 19.13 - MP 19.52)	12	YES	0.06	52																		
TOTAL FOR MAP NO. 8								1.85					0.150	185	47	47	2.70	20	93	30	2.70	93	0.50			
TOTAL FOR PROJ NO. 3CR.10671.140								9.13					0.700	345	87	87	5.00	40	173	60	5.00	173	0.90	600	200	
3CR.20671.140	Onslow	9	SR 1503 (BEAR CREEK RD.)	SR 1503 (BEAR CREEK RD.) FROM BRIDGE #121 TO DEAD END (MP 0.11 - MP 3.88)	NA	NO	0							377	94	94	4.57	30	189	60	4.57	189	0.90			
		"	"	WIDEN FROM EAST OF BRIDGE 21 TO SR 1509 (QUEENS CREEK RD.) MP 0.11 - MP 2.35	14	NO	2.24	26																		
		"	"	WIDEN & RESURFACE FROM SR 1509 (QUEENS CREEK RD.) TO SR 1508 (GREAT NECK LANDING RD.) MP 2.35 - MP 3.15	15	NO	0.8	23																		
		"	"	WIDEN FROM SR 1508 (GREAT NECK LANDING RD.) TO DEAD END MP 3.15 - MP 3.88	14	NO	0.73	22																		
TOTAL FOR MAP NO. 9								3.77						377	94	94	4.57	30	189	60	4.57	189	0.90			
3CR.20671.140	Onslow	10	SR 1447 (MAIN STREET EXT.)	RESURFACE FROM SR 1444 (SWANSBORO LOOP RD.) TO NC 24 (W. CORBETT AVE.) MP 0.79 - MP 1.26	16	NO	0.47	20	1	6	2	2		47	12	12	0.50	10	24	10	0.50	24	0.12	92	50	
TOTAL FOR MAP NO. 10								0.47		1	6	2	2		47	12	12	0.50	10	24	10	0.50	24	0.12	92	50
3CR.20671.140	Onslow	11	SR 1749 (OLD 172 RD.)	RESURFACE FROM NC 24 (FREEDOM WAY) TO SR 1744 (HUBERT BLVD.) MP 0.00 - MP 0.22	16	NO	0.22	21						22	6	6	0.24	10	11	10	0.24	11	0.05	154	75	
TOTAL FOR MAP NO. 11								0.22							22	6	6	0.24	10	11	10	0.24	11	0.05	154	75

PROJECT NO.	SHEET NO.	TOTAL NO.
3CR.10671.140, ETC.	23	32

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	FINAL SURFACE TESTING REQUIRED	LENGTH MI	WIDTH FT	BORROW EXC. CY	BORROW EXC. (STATE FURNISHED SOURCES) CY	INC. STONE BASE TONS	SHOULDER RECONST. SMI	1 1/2" MILLING SY	2 1/2" MILLING SY	INC. MILLING SY	BASE COURSE, B25.0B TONS	BASE COURSE, B25.0C TONS	INT. COURSE, I19.0C TONS	SURFACE COURSE, S9.5B TONS	SURFACE COURSE, S9.5C TONS	ASPHALT BINDER FOR PLANT MIX TON	PATCHING EXISTING PAVEMENT (MILL) TON	4" CONCRETE SIDEWALK SY			
3CR.20671.140	Onslow	12	SR 1884 (DALY STREET)	MILL & FILL FROM SR 1812 (HARBORD DR.) TO SR 1814 (CARLSON DR.)	17	NO	0.12	18					1,267						118		7					
TOTAL FOR MAP NO. 12							0.12						1,267						118		7					
3CR.20671.140	Onslow	13	SR 2307 (LAKE STREET)	MILL PATCH ONLY FROM USMC RR TRACKS TO NC 24 (FREEDOM WAY) MP 0.00 - MP 0.52	18	NO	0.52	18														350				
TOTAL FOR MAP NO. 13							0.52																350			
3CR.20671.140	Onslow	14	SR 1518 (OLD FOLKSTONE RD.)	SR 1518 (OLD FOLKSTONE RD.) FROM NC 210 TO SR 1531 (TAR LANDING RD.) MP 2.48 - MP 4.85	NA	NO	0																			
		"	"	WIDENING & RESURFACING FROM NC 210 TO SR 1531 (TAR LANDING RD.) MP 2.48 - MP 3.39, MP 4.24 (LT.) - MP 4.85, MP 4.37 (RT.) - MP 4.85	15	NO	1.52	22	171.0	171.0	90	3.04				613			1,814		136					
		"	"	RESURFACE ONLY FROM MP 3.39 TO 4.24 (LT.) & 3.39 TO 4.37 (RT.)	19	NO	0.85	20	270.5	270.5		1.70							1,141		68	200				
TOTAL FOR MAP NO. 14							2.37		441.5	441.5	90	4.74				680			2,955		204	200				
3CR.20671.140	Onslow	15	SR 1459 (WALTON RD.)	MILL PATCH ONLY FROM USMC RR TRACK TO NC 24 (FREEDOM WAY) MP 0.00 - MP 0.82	18	NO	0.82	20														570				
TOTAL FOR MAP NO. 15							0.82																570			
3CR.20671.140	Onslow	16	SR 1434 (BELGRADE SWANSBORO RD.)	1.5' WIDENING ONLY FROM NC 24 (FREEDOM WAY/W. CORBETT AVE.) TO SR 1432 (PARKERTOWN RD.) MP 0.00 - MP 4.89	14	NO	4.89	23			360	9.78				2,747			1,060		184	320				
TOTAL FOR MAP NO. 16							4.89				360	9.78				2,747			1,060		184	320				
TOTAL FOR PROJ NO. 3CR.20671.140							13.18		732.0	732.0	900	23.34		1,267		1,480		5,365		6,511		626	1,510	80		
43230	Onslow	17	SR 1308 (GUM BRANCH RD.)	MILL PATCHING ONLY FROM US 17 (MARINE BLVD.) TO SR 1322 (SUMMERSILL SCHOOL RD.) MP 8.60 TO MP 13.15	18	NO	4.55	65														1,935				
TOTAL FOR MAP NO. 17							4.55																1,935			
TOTAL FOR PROJ NO. 43230							4.55																1,935			
17BP.3.R.4	Onslow	18	SR 1314 (NORTHWEST BRIDGE RD.)	WIDENING ONLY FROM US 258/NC 24 TO SR 1308 (GUM BRANCH RD.) MP 0.00 TO MP 3.00	14	NO	3	22			100	6.00				1,264			488		85					
TOTAL FOR MAP NO. 18							3				100	6.00				1,264			488		85					
TOTAL FOR PROJ NO. 17BP.3.R.4							3				100	6.00				1,264			488		85					
GRAND TOTAL							29.86		1,445.0	1,445.0	1,190	36.24		123,217		62,990		3,629		1,817	9,428	6,999	17,671	2,285	3,445	80

PROJECT NO.	SHEET NO.	TOTAL NO.
3CR.10671.140, ETC.	24	32

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	FINAL SURFACE TESTING REQUIRED	LENGTH MI	WIDTH FT	CONCRETE CURB RAMP EA	REMOVE & REPLACE CURB RAMPS EA	ADJ. OF MANHOLES EA	ADJ. OF METER OR VALVE BOX EA	PORTABLE LIGHTING LS	TEMP. SILT FENCE LF	STONE FOR EC CLASS B TON	SEDIMENT CONTROL STONE TON	TEMP. MULCHING ACR	MATTING FOR EROSION CONTROL SY	1/4" HARDWARE CLOTH LF	WATTLE LF	SEED & MULCHING AC	SEED FOR REPAIR SEEDING LB	FERTILIZER FOR REPAIR SEEDING TON	INDUCTIVE LOOP SAWCUT LF	LEAD-IN CABLE (14-2) LF		
3CR.20671.140	Onslow	12	SR 1884 (DALY STREET)	MILL & FILL FROM SR 1812 (HARBORD DR.) TO SR 1814 (CARLSON DR.)	17	NO	0.12	18																			
TOTAL FOR MAP NO. 12							0.12																				
3CR.20671.140	Onslow	13	SR 2307 (LAKE STREET)	MILL PATCH ONLY FROM USMC RR TRACKS TO NC 24 (FREEDOM WAY) MP 0.00 - MP 0.52	18	NO	0.52	18																			
TOTAL FOR MAP NO. 13							0.52																				
3CR.20671.140	Onslow	14	SR 1518 (OLD FOLKSTONE RD.)	SR 1518 (OLD FOLKSTONE RD.) FROM NC 210 TO SR 1531 (TAR LANDING RD.) MP 2.48 - MP 4.85	NA	NO	0							237	59	59	2.30	20	119	40	2.30	119	0.60				
		"	"	WIDENING & RESURFACING FROM NC 210 TO SR 1531 (TAR LANDING RD.) MP 2.48 - MP 3.39, MP 4.24 (LT.) - MP 4.85, MP 4.37 (RT.) - MP 4.85	15	NO	1.52	22																184	50		
		"	"	RESURFACE ONLY FROM MP 3.39 TO 4.24 (LT.) & 3.39 TO 4.37 (RT.)	19	NO	0.85	20																			
TOTAL FOR MAP NO. 14							2.37							237	59	59	2.30	20	119	40	2.30	119	0.60	184	50		
3CR.20671.140	Onslow	15	SR 1459 (WALTON RD.)	MILL PATCH ONLY FROM USMC RR TRACK TO NC 24 (FREEDOM WAY) MP 0.00 - MP 0.82	18	NO	0.82	20																			
TOTAL FOR MAP NO. 15							0.82																				
3CR.20671.140	Onslow	16	SR 1434 (BELGRADE SWANSBORO RD.)	1.5' WIDENING ONLY FROM NC 24 (FREEDOM WAY/W. CORBETT AVE.) TO SR 1432 (PARKERTOWN RD.) MP 0.00 - MP 4.89	14	NO	4.89	23						489	122	122	5.90	40	245	80	5.90	245	1.20				
TOTAL FOR MAP NO. 16							4.89							489	122	122	5.90	40	245	80	5.90	245	1.20				
TOTAL FOR PROJ NO. 3CR.20671.140							13.18		1	6	2	2		1,172	293	293	13.51	110	588	200	13.51	588	2.87	430	175		
43230	Onslow	17	SR 1308 (GUM BRANCH RD.)	MILL PATCHING ONLY FROM US 17 (MARINE BLVD.) TO SR 1322 (SUMMERSILL SCHOOL RD.) MP 8.60 TO MP 13.15	18	NO	4.55	65					0.300											484	750		
TOTAL FOR MAP NO. 17							4.55							0.300											484	750	
TOTAL FOR PROJ NO. 43230							4.55							0.300												484	750
17BP.3.R.4	Onslow	18	SR 1314 (NORTHWEST BRIDGE RD.)	WIDENING ONLY FROM US 258/NC 24 TO SR 1308 (GUM BRANCH RD.) MP 0.00 TO MP 3.00	14	NO	3	22						300	75	75	3.30	20	150	50	3.30	150	0.75				
TOTAL FOR MAP NO. 18							3							300	75	75	3.30	20	150	50	3.30	150	0.75				
TOTAL FOR PROJ NO. 17BP.3.R.4							3							300	75	75	3.30	20	150	50	3.30	150	0.75				
GRAND TOTAL							29.86		1	6	2	2	1.000	1,817	455	455	21.81	170	911	310	21.81	911	4.52	1,514	1,125		

PROJECT NO.	SHEET NO.	TOTAL NO.
3CR.10671.140, ETC.	25	32

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	LENGTH	WIDTH	4685000000-E		4686000000-E		4695000000-E	4705000000-E	4710000000-E	4721000000-E			4725000000-E			4810000000-E		4820000000-E	4830000000-E	4835000000-E
							4" X 90 M WHITE THERMO	4" X 90 M YELLOW THERMO	4" X 120 M WHITE THERMO	4" X 120 M YELLOW THERMO	8" X 90 M WHITE THERMO	16" X 120 M WHITE THERMO	24" X 120 M WHITE THERMO	THERMO "ONLY" 120 M	THERMO "BASE TRAFFIC" 120 M	THERMO "RXR" 120 M	THERMO STR ARROW 90 M	THERMO LT ARROW 90 M	THERMO RT ARROW 90 M	MERGE ARROW 90 M	THERMO STR & RT ARROW 90 M	4" WHITE PAINT	4" YELLOW PAINT	8" WHITE PAINT
NO		NO					LF	LF	LF	LF	LF	LF	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
3CR.10671.140	Onslow	1	NC 24 EBL	NC 24 EBL (FROM N ORTHEAST CREEK BRIDGE TO 0.17 MI. WEST OF SR 1406 (PINEY GREEN RD.) MP 24.70 - MP 26.85	0																			
		"	"	MILL & FILL IN TAPER 53' - 45' (MP 24.70 - MP 24.75)	0.05	49	264	264	132												396	264		
		"	"	MILL & FILL FULL WIDTH 45' (MP 24.75 - MP 24.91)	0.16	45	845	845	422												1,267	845		
		"	"	MILL & FILL IN TAPER 47' - 45' (MP 24.91 - MP 24.95)	0.04	46	211	211	134												345	211		
		"	"	MILL & FILL FULL WIDTH 43' (MP 24.95 - MP 25.19)	0.24	43	1,267	1,267	634				4	11							1,901	1,267		
		"	"	MILL & FILL IN TAPER 79' - 43' (MP 25.19 - MP 25.24)	0.05	61	264	264	132		528										396	264	528	
		"	"	MILL & FILL FULL WIDTH 32' (VARIOUS SECTIONS MP 25.24 - MP 26.75)	0.85	32	4,488	4,488	1,122								4				5,610	4,488		
		"	"	MILL & FILL IN TAPER 64' - 48' (MP 25.60 - MP 25.73)	0.13	56	686	686	172		1,373						2				858	686	1,373	
		"	"	MILL & FILL IN TAPERS 32' - 44' (VARIOUS SECTIONS MP 25.73 - MP 26.78)	0.32	38	1,690	1,690	648												2,337	1,690		
		"	"	MILL & FILL FULL WIDTH 44' (VARIOUS SECTIONS MP 26.24 - MP 26.85)	0.31	44	1,637	1,637	2,046			100	134				4	18	9		3,683	1,637	100	134
TOTAL FOR MAP NO. 1					2.15		11,352	11,352,442			1,901	100	134	4	11	4	24	9		16,793	11,352,190	100	134	
3CR.10671.140	Onslow	2	NC 24 WBL	NC 24 WBL (FROM 0.17 MI. WEST OF SR 1406 (PINEY GREEN RD.) TO NORTHEAST CREEK BRIDGE MP 12.74 - MP 14.87	0																			
		"	"	MILL & FILL FULL WIDTH 32' (VARIOUS SECTIONS MP 12.74 - MP 14.36)	1.14	32	6,019	6,019	1,505				24				6				7,524	6,019		24
		"	"	MILL & FILL IN TAPER 32' - 56' (MP 12.78 - MP 12.84)	0.06	44	317	317	121							2	2	2			438	317		
		"	"	MILL & FILL FULL WIDTH 56' (MP 12.84 - MP 12.88, MP 14.66 - MP 14.76)	0.14	56	739	739	1,663				86			2	1	1	3		2,402	739		86
		"	"	MILL & FILL FULL WIDTH 40' (MP 12.88 - MP 12.95)	0.07	40	370	370	462		100	50				4	6		3		832	370	100	50
		"	"	MILL & FILL IN TAPER 32' - 52' (MP 13.05 - MP 13.08, MP 13.33 - MP 13.36)	0.06	42	317	317	121							4					438	317		
		"	"	MILL & FILL FULL WIDTH 52' (MP 13.08 - MP 13.11, MP 13.36 - MP 13.41)	0.08	52	422	422	950							4	3	3			1,373	422		
		"	"	MILL & FILL FULL WIDTH 44' (MP 14.11 - MP 14.28)	0.17	44	898	898	449							2					1,346	898		
		"	"	MILL & FILL FULL WIDTH 28' (MP 14.36 - MP 14.46)	0.1	28	528	528	132												660	528		
		"	"	MILL & FILL IN TAPER 78' - 54' (MP 14.46 - MP 14.52)	0.06	66	317	317	158		634										475	317	634	
		"	"	MILL & FILL FULL WIDTH 54' (MP 14.52 - MP 14.66)	0.14	54	739	739	554												1,294	739		
		"	"	MILL & FILL IN TAPER 58' - 44' (MP 14.76 - MP 14.87)	0.11	51	581	581	368												949	581		
TOTAL FOR MAP NO. 2					2.13		11,247	11,247,483			634	100	160			4	26	6	9	3	17,731	11,247,634	100	160
3CR.10671.140	Onslow	3	NC 24 EBL (EXIT RAMP TO M.C.A.B. MAIN GATE)	MILL & FILL GORE AREA BETWEEN EXIT RAMP & NC 24 FULL WIDTH 32' FROM MP 0.00 TO MP 0.15	0.15	32	792	792	198		200										990	792		
		"	"	MILL & FILL EXIT RAMP IN TAPER 32' - 50' FROM MP 0.15 TO MP 0.23	0.08	41	845		262							4			2		1,107			
		"	"	MILL & FILL EXIT RAMP FULL WIDTH 50' FROM MP 0.23 TO MP 0.24	0.01	50	53		13							2					66			
		"	"	MILL & FILL EXIT RAMP FULL WIDTH 39' FROM MP 0.24 TO MP 0.26	0.02	39	106		26							2					132			
		"	"	MILL & FILL EXIT RAMP IN TAPER 54' - 36' FROM MP 0.26 TO MP 0.30 (FIRST STOP BAR)	0.04	45	211	211	53		811	40				3					264	211	811	40
TOTAL FOR MAP NO. 3					0.3		2,007	1,003	552		1,011	40	40			11			2		2,559,003	811	40	

PROJECT NO.	SHEET NO.	TOTAL NO.
3CR.10671.140, ETC.	27	32

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	LENGTH	WIDTH	4685000000-E		4686000000-E		4695000000-E	4705000000-E	4710000000-E	4721000000-E			4725000000-E			4810000000-E		4820000000-E	4830000000-E	4835000000-E		
							4" X 90 M WHITE THERMO	4" X 90 M YELLOW THERMO	4" X 120 M WHITE THERMO	4" X 120 M YELLOW THERMO	8" X 90 M WHITE THERMO	16" X 120 M WHITE THERMO	24" X 120 M WHITE THERMO	THERMO "ONLY" 120 M	THERMO "BASE TRAFFIC" 120 M	THERMO "RXR" 120 M	THERMO STR ARROW 90 M	THERMO LT ARROW 90 M	THERMO RT ARROW 90 M	MERGE ARROW 90 M	THERMO STR & RT ARROW 90 M	4" WHITE PAINT	4" YELLOW PAINT	8" WHITE PAINT	16" WHITE PAINT	24" WHITE PAINT
NO		NO					LF	LF	LF	LF	LF	LF	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	
3CR.10671.140	Onslow	4	NC 24 EBL (ON RAMP FROM M.C.A.B. MAIN GATE TO NC 24 EBL)	MILL & FILL ON RAMP BEGIN AT 2' 6" C & G RIGHT TO GORE AREA BETWEEN RAMP & NC 24 EBL FULL WIDTH 22' FROM MP 0.00 TO MP 0.07	0.07	22	370	370			100										370	370	100			
		"	"	MILL & FILL ON RAMP FULL WIDTH 24' FROM MP 0.07 TO MP 0.16	0.09	24	475	475													475	475				
TOTAL FOR MAP NO. 4							0.16	845	845		100										845	845	100			
3CR.10671.140	Onslow	5	NC 24 WBL (ON RAMP EXITING M.C.A.B. MAIN GATE TO NC 24 WBL)	MILL & FILL ON RAMP FROM FIRST STOP BAR IN TAPER 36' - 50' FROM MP 0.00 TO MP 0.11	0.11	43	581	581	290		108							2			871	581	108			
		"	"	MILL & FILL ON RAMP IN TAPER 50' - 71' FROM MP 0.11 TO MP 0.12	0.01	60.5	53	53	13		175										66	53	175			
		"	"	MILL & FILL ON RAMP IN TAPER 44' - 34' FROM MP 0.12 TO MP 0.14	0.02	39		106	26												26	106				
		"	"	MILL & FILL ON RAMP FULL WIDTH 34' FROM MP 0.14 TO MP 0.18 (BEG. BRIDGE DECK)	0.04	34		211	53												53	211				
		"	"	NO WORK (BRIDGE DECK)	0.07	31																				
		"	"	MILL & FILL ON RAMP FULL WIDTH 28' FROM BRIDGE DECK MP 0.25 TO MP 0.32	0.07	28	370	370	92													462	370			
		"	"	MILL & FILL ON RAMP FULL WIDTH 32' FROM MP 0.32 TO MP 0.36	0.04	32	211	211	53													264	211			
		"	"	MILL & FILL RAMP FULL WIDTH 32' FROM MP 0.36 TO MP 0.39, MP 0.44 TO MP 0.58 (GORE AREA BETWEEN RAMP & NC 24 WBL) MP 0.36 - MP 0.39, MP 0.44 - MP 0.58	0.17	32	898	898	224									2				1,122	898			
		"	"	MILL & FILL ON RAMP IN TAPER 32' - 43' FROM MP 0.39 TO MP 0.41	0.02	37.5	106	106	40										2			146	106			
		"	"	MILL & FILL ON RAMP FULL WIDTH 43' FROM MP 0.41 TO MP 0.44	0.03	43	158	158	40										2			198	158			
TOTAL FOR MAP NO. 5							0.58	2,377	2,694	831	283							6		3		3,208	2,694	283		
3CR.10671.140	Onslow	6	NC 24 WBL (EXIT LOOP FROM NC 24 WBL TO M.C.A.B. MAIN GATE)	MILL & FILL EXIT RAMP FULL WIDTH 21' AT GORE AREA BETWEEN LOOP & NC 24 WBL FROM MP 0.00 TO MP 0.14	0.14	21	739														739					
		"	"	NC 24 WBL EXIT RAMP FULL WIDTH 16' FROM MP 0.14 TO MP 0.17	0.03	16	158														158					
		"	"	MILL & FILL EXIT LOOP IN TAPER 16' - 20' FROM MP 0.17 TO MP 0.20	0.03	18	158														158					
		"	"	NO WORK (BRIDGE DECK)	0.07	20																				
		"	"	MILL & FILL EXIT LOOP FULL WIDTH 22' FROM MP 0.27 TO MP 0.33	0.06	22	317															317				
		"	"	MILL & FILL EXIT LOOP IN TAPER 22' - 14' FROM MP 0.33 TO MP 0.36	0.03	18					158													158		
TOTAL FOR MAP NO. 6							0.36	1,372			158	158										1,372		158		

PROJECT NO.	SHEET NO.	TOTAL NO.
3CR.10671.140, ETC.	29	32

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	LENGTH	WIDTH	4685000000-E		4686000000-E		4695000000-E	4705000000-E	4710000000-E	4721000000-E			4725000000-E			4810000000-E		4820000000-E	4830000000-E	4835000000-E			
							4" X 90 M WHITE THERMO	4" X 90 M YELLOW THERMO	4" X 120 M WHITE THERMO	4" X 120 M YELLOW THERMO	8" X 90 M WHITE THERMO	16" X 120 M WHITE THERMO	24" X 120 M WHITE THERMO	THERMO "ONLY" 120 M	THERMO "BASE TRAFFIC" 120 M	THERMO "RXR" 120 M	THERMO STR ARROW 90 M	THERMO LT ARROW 90 M	THERMO RT ARROW 90 M	MERGE ARROW 90 M	THERMO STR & RT ARROW 90 M	4" WHITE PAINT	4" YELLOW PAINT	8" WHITE PAINT	16" WHITE PAINT	24" WHITE PAINT	
							LF	LF	LF	LF	LF	LF	LF	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA			
3CR.10671.140	Onslow	7	US 17 NBL	US 17 NBL FROM SOUTHWEST CREEK BRIDGE TO 0.24 MI. SOUTH OF SR 1130 (OLD MAPLEHURST RD.) MP 18.19 - MP 19.79	0					1,050			140											1,050			140
		"	"	WIDENING FULL WIDTH 30' (MP 18.19 - MP 18.61, MP 18.69 - MP 18.84)	0.57	30	3,010	3,010	752															3,762	3,010		
		"	"	WIDEN IN TAPER 30' - 42' (MP 18.61 - MP 18.65)	0.04	36	211	211	81															292	211		
		"	"	WIDEN FULL WIDTH 42' (MP 18.65 - MP 18.69)	0.04	42	211	211	264									6	3					475	211		
		"	"	WIDEN FULL WIDTH 24' (VARIOUS SECTIONS MP 18.84 - MP 19.74)	0.48	24	2,534	2,534	634									8						3,168	2,534		
		"	"	WIDEN IN TAPERS 24' - 36' (VARIOUS SECTIONS MP 18.96 - MP 19.78)	0.2	30	1,056	1,056	405															1,461	1,056		
		"	"	WIDEN FULL WIDTH 36' (VARIOUS SECTIONS MP 19.01 - MP 19.79)	0.19	36	1,003	1,003	502									14	8					1,505	1,003		
		"	"	WIDEN IN TAPER 24' - 29' (MP 19.16 - 19.18)	0.02	26.5	106	106	40															146	106		
		"	"	WIDEN IN TAPER 42' - 48' (MP 19.21 - 19.23)	0.02	45	106	106	40			211												146	106	211	
		"	"	WIDEN FULL WIDTH 48' (MP 19.23 - MP 19.27)	0.04	48	211		81			211						4	2	1				292	211	211	
TOTAL FOR MAP NO. 7					1.6		8,448	8,237	2,799	1,050		422		140			34	13	1				11,247	9,498	422		140
3CR.10671.140	Onslow	8	US 17 SBL	US 17 SBL FROM SR 1130 (OLD MAPLEHURST RD.) TO SOUTHWEST CREEK BRIDGE MP 18.18 - MP 20.03	0																						
		"	"	WIDEN FULL WIDTH 36' (MP 18.18 - MP 18.27)	0.09	36	475	475	238															713	475		
		"	"	WIDEN IN TAPER 40' - 28' (VARIOUS SECTIONS MP 18.27 - MP 19.44)	0.39	34	2,059	2,059	789									10	4	2				2,849	2,059		
		"	"	WIDEN FULL WIDTH 40' (VARIOUS SECTIONS MP 18.30 - MP 19.09)	0.18	40	950	950	1,188									8	4	1				2,138	950		
		"	"	WIDEN FULL WIDTH 28' (VARIOUS SECTIONS MP 18.34 - MP 20.03)	1.04	28	5,491	5,491	1,373									12						6,864	5,491		
		"	"	WIDEN IN TAPER 40' - 52' (VARIOUS SECTIONS MP 19.09 - MP 19.49)	0.09	46	475	475	301															776	475		
		"	"	WIDEN FULL WIDTH 52' (VARIOUS SECTIONS MP 19.13 - MP 19.52)	0.06	52	317	317	475									8	4	4				792	317		
TOTAL FOR MAP NO. 8					1.85		9,767	9,767	4,364					4	11	8	139	40	12	12			4	14,132	9,767		474
TOTAL FOR PROJ NO. 3CR.10671.140					9.13		47,415	45,145	20,471	1,050	4,509	200	474	4	23	8	139	40	27	3	4		67,887	46,406	4,309	200	474
							92,560	21,521						23			213					114,293					
3CR.20671.140	Onslow	9	SR 1503 (BEAR CREEK RD.)	SR 1503 (BEAR CREEK RD.) FROM BRIDGE #121 TO DEAD END (MP 0.11 - MP 3.88)	0																						
		"	"	WIDEN FROM EAST OF BRIDGE 21 TO SR 1509 (QUEENS CREEK RD.) MP 0.11 - MP 2.35	2.24	26																		47,309			
		"	"	WIDEN & RESURFACE FROM SR 1509 (QUEENS CREEK RD.) TO SR 1508 (GREAT NECK LANDING RD.) MP 2.35 - MP 3.15	0.8	23																		16,896	12,672		
		"	"	WIDEN FROM SR 1508 (GREAT NECK LANDING RD.) TO DEAD END MP 3.15 - MP 3.88	0.73	22																		15,418			
TOTAL FOR MAP NO. 9					3.77																			79,623	12,672		
3CR.20671.140	Onslow	10	SR 1447 (MAIN STREET EXT.)	RESURFACE FROM SR 1444 (SWANSBORO LOOP RD.) TO NC 24 (W. CORBETT AVE.) MP 0.79 - MP 1.26	0.47	20																		9,927	7,446	180	64
TOTAL FOR MAP NO. 10					0.47																			9,927	7,446	180	64
3CR.20671.140	Onslow	11	SR 1749 (OLD 172 RD.)	RESURFACE FROM NC 24 (FREEDOM WAY) TO SR 1744 (HUBERT BLVD.) MP 0.00 - MP 0.22	0.22	21																		4,647	3,486		100
TOTAL FOR MAP NO. 11					0.22																			4,647	3,486		100

PROJECT NO.	SHEET NO.	TOTAL NO.
3CR.10671.140, ETC.	31	32

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	LENGTH	WIDTH	4685000000-E		4686000000-E		4695000000-E	4705000000-E	4710000000-E	4721000000-E			4725000000-E			4810000000-E		4820000000-E	4830000000-E	4835000000-E																			
							4" X 90 M WHITE THERMO LF	4" X 90 M YELLOW THERMO LF	4" X 120 M WHITE THERMO LF	4" X 120 M YELLOW THERMO LF	8" X 90 M WHITE THERMO LF	16" X 120 M WHITE THERMO LF	24" X 120 M WHITE THERMO LF	THERMO "ONLY" 120 M EA	THERMO "BASE TRAFFIC" 120 M EA	THERMO "RXR" 120 M EA	THERMO STR ARROW 90 M EA	THERMO LT ARROW 90 M EA	THERMO RT ARROW 90 M EA	MERGE ARROW 90 M EA	THERMO STR & RT ARROW 90 M EA	4" WHITE PAINT LF	4" YELLOW PAINT LF	8" WHITE PAINT LF	16" WHITE PAINT LF	24" WHITE PAINT LF																	
3CR.20671.140	Onslow	12	SR 1884 (DALY STREET)	MILL & FILL FROM SR 1812 (HARBORD DR.) TO SR 1814 (CARLSON DR.)	0.12	18																																					
TOTAL FOR MAP NO. 12					0.12																																						
3CR.20671.140	Onslow	13	SR 2307 (LAKE STREET)	MILL PATCH ONLY FROM USMC RR TRACKS TO NC 24 (FREEDOM WAY) MP 0.00 - MP 0.52	0.52	18																																					
TOTAL FOR MAP NO. 13					0.52																																						
3CR.20671.140	Onslow	14	SR 1518 (OLD FOLKSTONE RD.)	SR 1518 (OLD FOLKSTONE RD.) FROM NC 210 TO SR 1531 (TAR LANDING RD.) MP 2.48 - MP 4.85	0	22																																					
		"	"	WIDENING & RESURFACING FROM NC 210 TO SR 1531 (TAR LANDING RD.) MP 2.48 - MP 3.39, MP 4.24 (LT.) MP 4.85, MP 4.37 (RT.) - MP 4.85	1.52	22															32,304	24,078		80																			
		"	"	RESURFACE ONLY FROM MP 3.39 TO 4.24 (LT.) & 3.39 TO 4.37 (RT.)	0.85	20															17,952	13,464																					
TOTAL FOR MAP NO. 14					2.37																50,256	37,542		80																			
3CR.20671.140	Onslow	15	SR 1459 (WALTON RD.)	MILL PATCH ONLY FROM USMC RR TRACK TO NC 24 (FREEDOM WAY) MP 0.00 - MP 0.82	0.82	20															5,000																						
TOTAL FOR MAP NO. 15					0.82																5,000																						
3CR.20671.140	Onslow	16	SR 1434 (BELGRADE SWANSBORO RD.)	1.5' WIDENING ONLY FROM NC 24 (FREEDOM WAY/W. CORBETT AVE.) TO SR 1432 (PARKERTOWN RD.) MP 0.00 - MP 4.89	4.89	23															104,000																						
TOTAL FOR MAP NO. 16					4.89																104,000																						
TOTAL FOR PROJ NO. 3CR.20671.140					13.18																253,453	61,146	180	244																			
																				314,599																							
43230	Onslow	17	SR 1308 (GUM BRANCH RD.)	MILL PATCHING ONLY FROM US 17 (MARINE BLVD.) TO SR 1322 (SUMMERSILL SCHOOL RD.) MP 8.60 TO MP 13.15	4.55	65															21,000	22,000		192																			
TOTAL FOR MAP NO. 17					4.55																21,000	22,000		192																			
TOTAL FOR PROJ NO. 43230					4.55																21,000	22,000		192																			
																				43,000																							
17BP.3.R.4	Onslow	18	SR 1314 (NORTHWEST BRIDGE RD.)	WIDENING ONLY FROM US 258/NC 24 TO SR 1308 (GUM BRANCH RD.) MP 0.00 TO MP 3.00	3	22															64,560																						
TOTAL FOR MAP NO. 18					3																64,560																						
TOTAL FOR PROJ NO. 17BP.3.R.4					3																64,560																						
																				64,560																							
GRAND TOTAL					29.86		47,415	45,145	20,471	1,050	4,509	200	474	4	11	8	139	40	27	3	4	406,900	129,552	4,489	200	910																	
																																							536,452				

PROJECT NO.	SHEET NO.	TOTAL NO.
3CR.10671.140, ETC.	32	32

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	LENGTH	WIDTH	484000000-N			484500000-N					485000000-E	486000000-E	486500000-E	487000000-E	487500000-N	490000000-N	490500000-N	
							PAINT MSG "ONLY"	PAINT MSG "BASE TRAFFIC"	PAINT MSG "RXR"	PAINT STR ARROW	PAINT LT ARROW	PAINT RT ARROW	MERGE ARROW	PAINT STR & RT ARROW	PAINT LT STR RT ARROW	PAINT STR & LT ARROW	4" LINE REMOVAL	8" LINE REMOVAL	12" LINE REMOVAL	24" LINE REMOVAL	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	YELLOW & YELLOW MARKERS
							EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	
3CR.20671.140	Onslow	12	SR 1884 (DALY STREET)	MILL & FILL FROM SR 1812 (HARBORD DR.) TO SR 1814 (CARLSON DR.)	0.12	18																
TOTAL FOR MAP NO. 12					0.12																	
3CR.20671.140	Onslow	13	SR 2307 (LAKE STREET)	MILL PATCH ONLY FROM USMC RR TRACKS TO NC 24 (FREEDOM WAY) MP 0.00 - MP 0.52	0.52	18																
TOTAL FOR MAP NO. 13					0.52																	
3CR.20671.140	Onslow	14	SR 1518 (OLD FOLKSTONE RD.)	SR 1518 (OLD FOLKSTONE RD.) FROM NC 210 TO SR 1531 (TAR LANDING RD.) MP 2.48 - MP 4.85	0	22																
		"	"	WIDENING & RESURFACING FROM NC 210 TO SR 1531 (TAR LANDING RD.) MP 2.48 - MP 3.39, MP 4.24 (LT.) - MP 4.85, MP 4.37 (RT.) - MP 4.85	1.52	22				4				4						101		
		"	"	RESURFACE ONLY FROM MP 3.39 TO 4.24 (LT.) & 3.39 TO 4.37 (RT.)	0.85	20														57		
TOTAL FOR MAP NO. 14					2.37					4				4						158		
3CR.20671.140	Onslow	15	SR 1459 (WALTON RD.)	MILL PATCH ONLY FROM USMC RR TRACK TO NC 24 (FREEDOM WAY) MP 0.00 - MP 0.82	0.82	20																
TOTAL FOR MAP NO. 15					0.82																	
3CR.20671.140	Onslow	16	SR 1434 (BELGRADE SWANSBORO RD.)	1.5' WIDENING ONLY FROM NC 24 (FREEDOM WAY/W. CORBETT AVE.) TO SR 1432 (PARKERTOWN RD.) MP 0.00 - MP 4.89	4.89	23																
TOTAL FOR MAP NO. 16					4.89																	
TOTAL FOR PROJ NO. 3CR.20671.140					13.18					4				2	4						258	
							10															
43230	Onslow	17	SR 1308 (GUM BRANCH RD.)	MILL PATCHING ONLY FROM US 17 (MARINE BLVD.) TO SR 1322 (SUMMERSILL SCHOOL RD.) MP 8.60 TO MP 13.15	4.55	65																
TOTAL FOR MAP NO. 17					4.55					4	4	4		2	2							
TOTAL FOR PROJ NO. 43230					4.55					4	4	4		2	2							
							16															
17BP.3.R.4	Onslow	18	SR 1314 (NORTHWEST BRIDGE RD.)	WIDENING ONLY FROM US 258/NC 24 TO SR 1308 (GUM BRANCH RD.) MP 0.00 TO MP 3.00	3	22																
TOTAL FOR MAP NO. 18					3																	
TOTAL FOR PROJ NO. 17BP.3.R.4					3																	
GRAND TOTAL					29.86		4	11	8	143	44	35	3	6	2	6	2,000	800	800	400	20	258
							239															