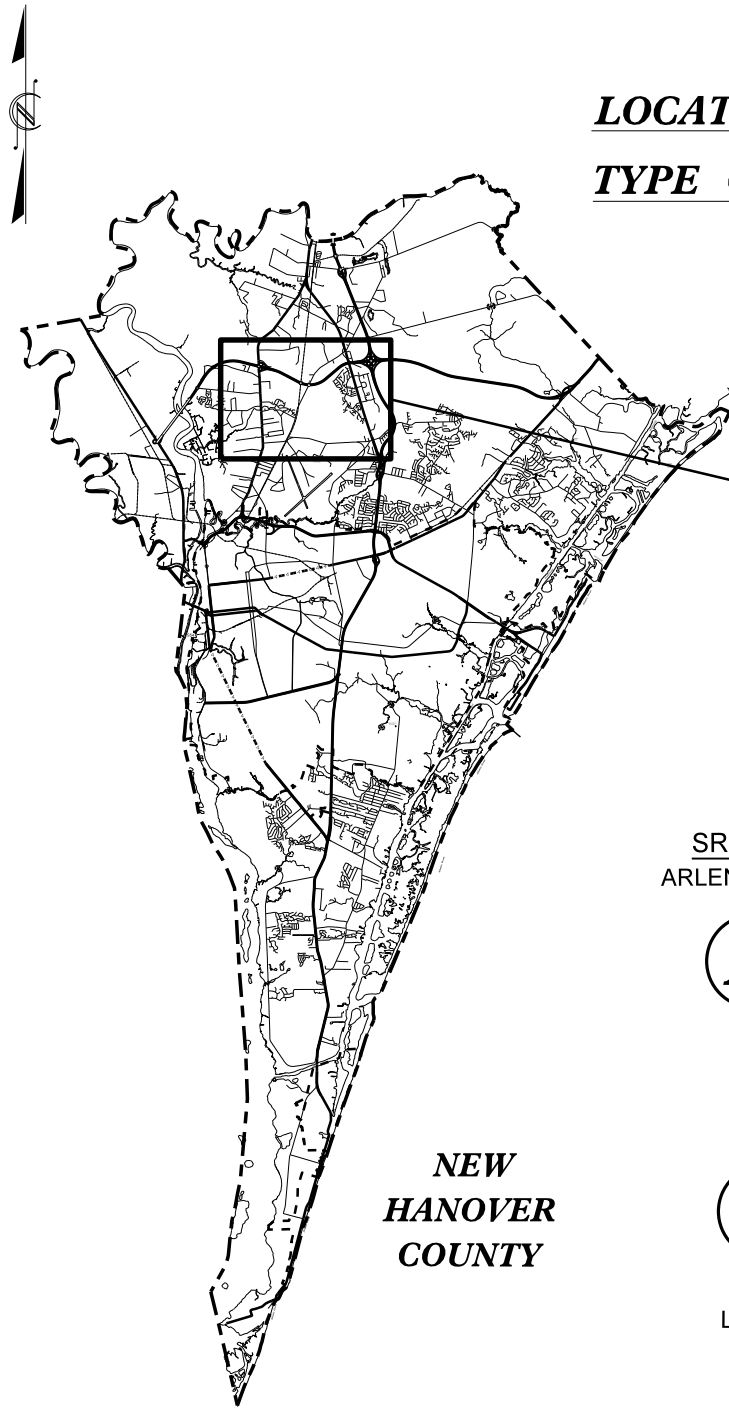


NEW HANOVER COUNTY

LOCATION: 34 SECTIONS OF SECONDARY ROADS AND W. SALISBURY ST. PARKING AREAS
TYPE OF WORK: MILLING, RESURFACING & THERMOPLASTIC PAVEMENT MARKINGS, ETC.



NEW
HANOVER
COUNTY

SR 1332
CHAIR ROAD

4

SR 2071
ARLENE DRIVE

11

2

SR 1325
LONG LEAF
DRIVE

SR 1324
SHERIDAN DRIVE

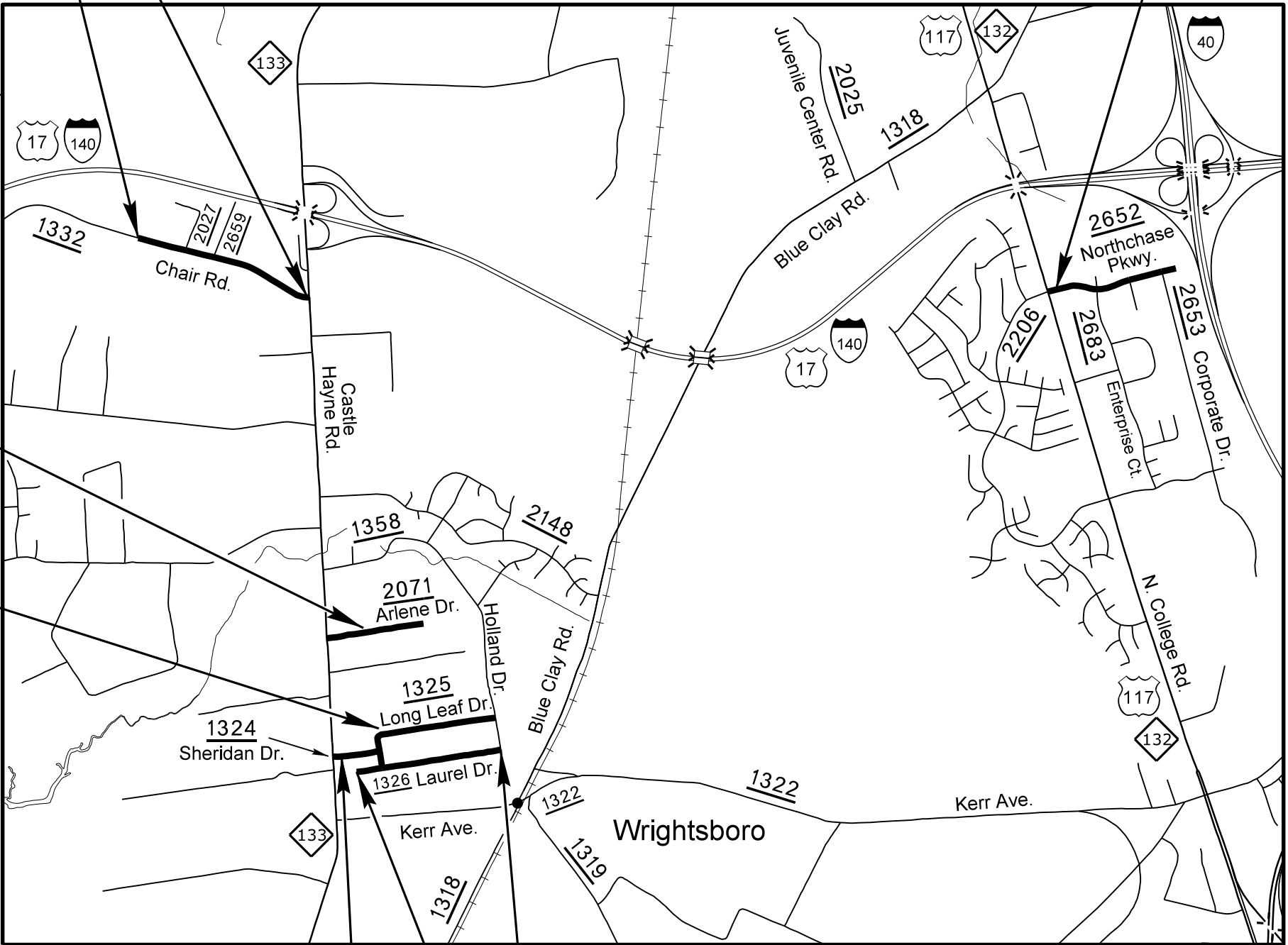
1

SR 1326
LAUREL DRIVE

3

19

SR 2652
NORTHCHASE
PKWY.



INDEX OF SHEETS

SHEET NO.	SHEET
1 - 4	INDEX OF SHEETS & TITLE SHEET
5 - 21	PAVEMENT SCHEDULE, TYPICAL SECTIONS & DETAIL SHEETS
22 - 29	SUMMARY OF QUANTITIES
30	TRAFFIC CONTROL DETAIL
31	SIGNAL LOOP LOCATION DETAIL

MAPS N.T.S.

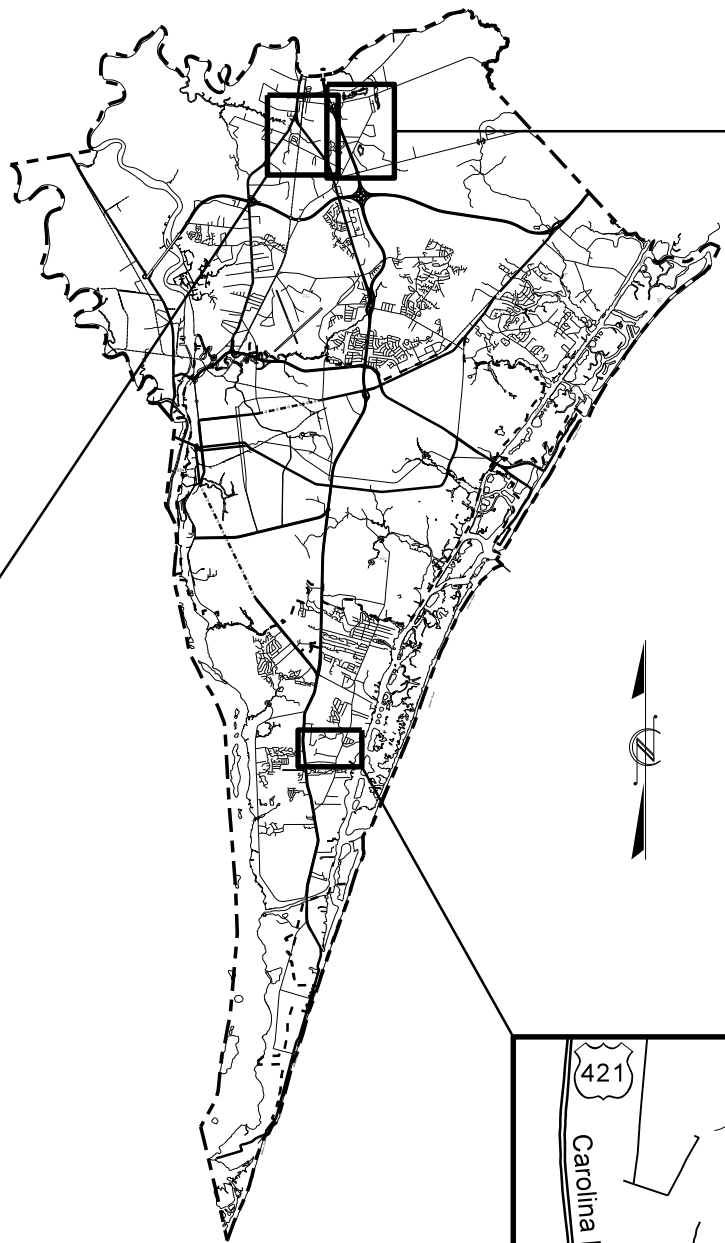
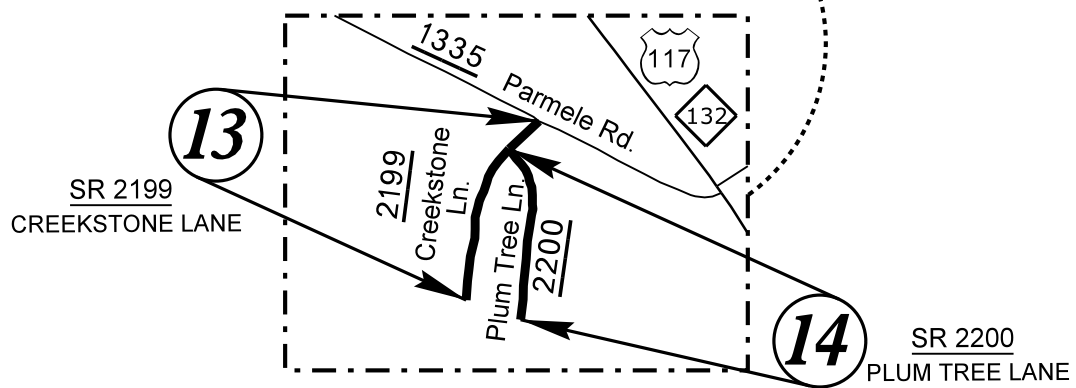
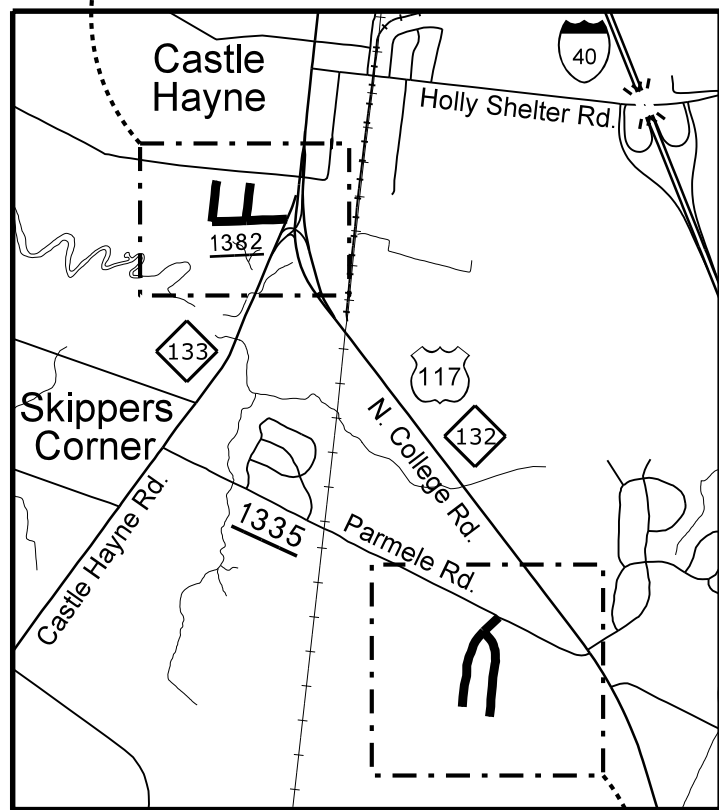
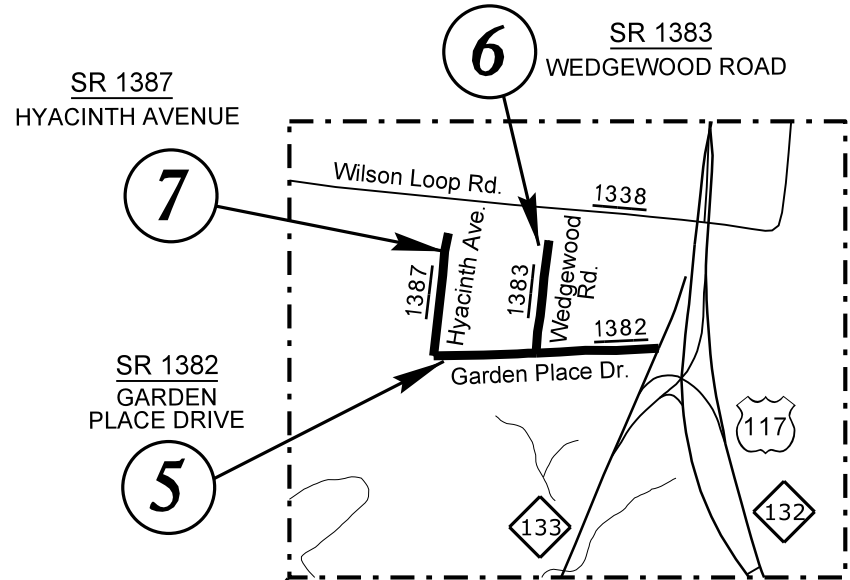
REVISIONS

8/17/99

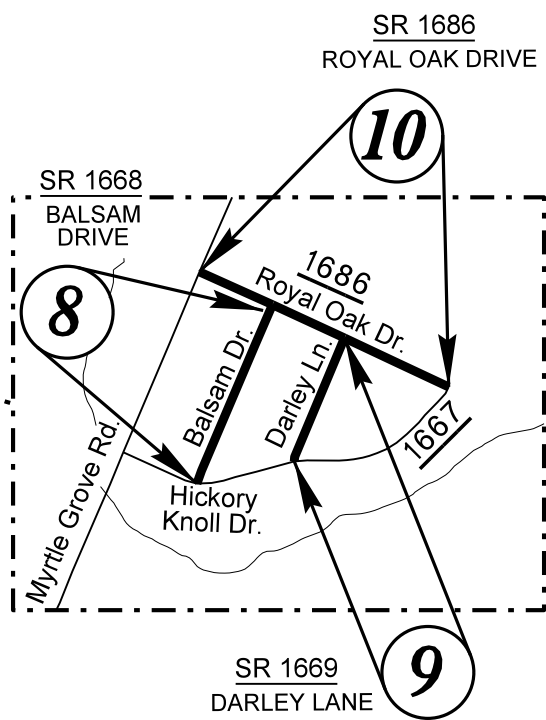
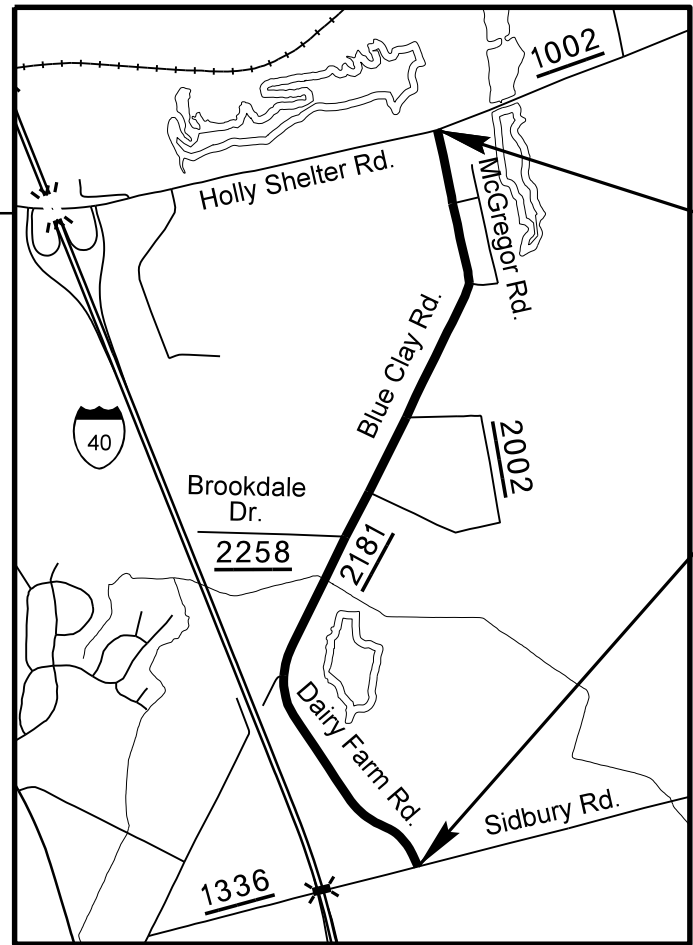
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NEW HANOVER COUNTY - CONT.

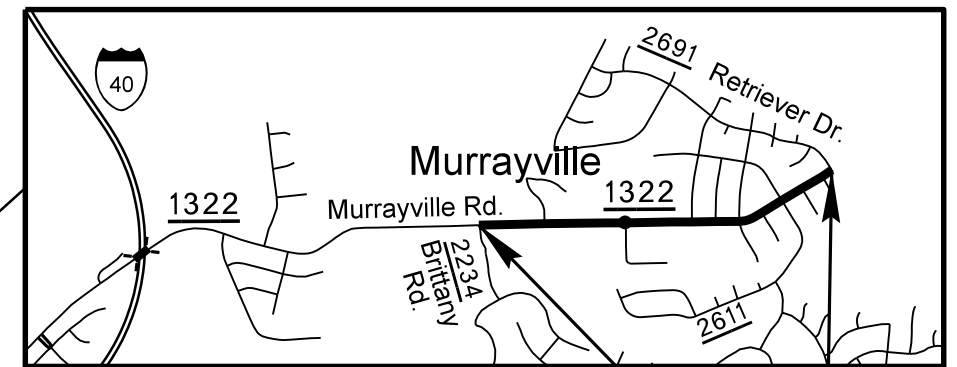
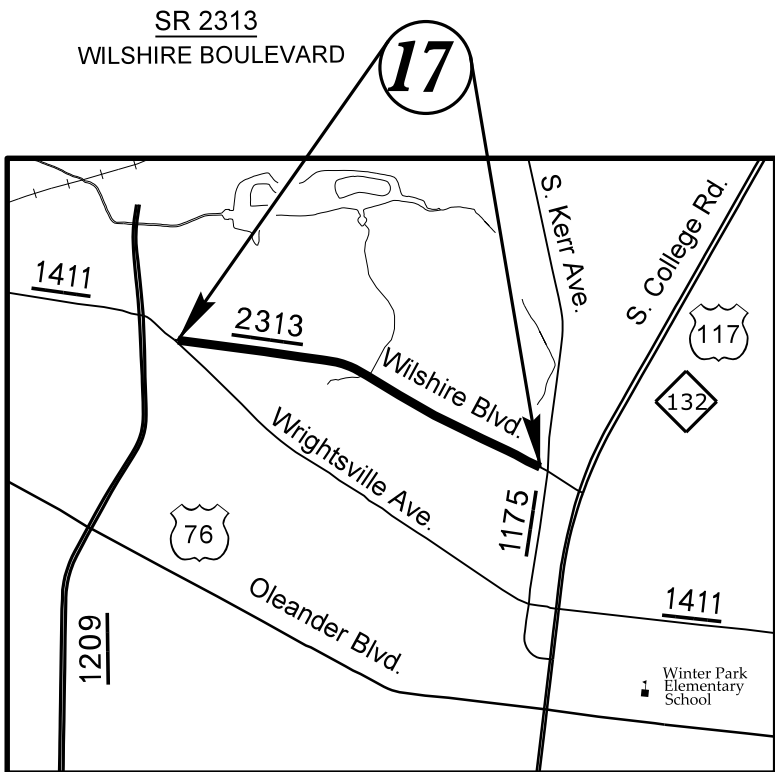


NEW HANOVER
COUNTY

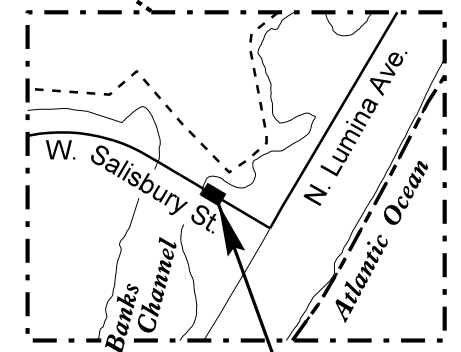
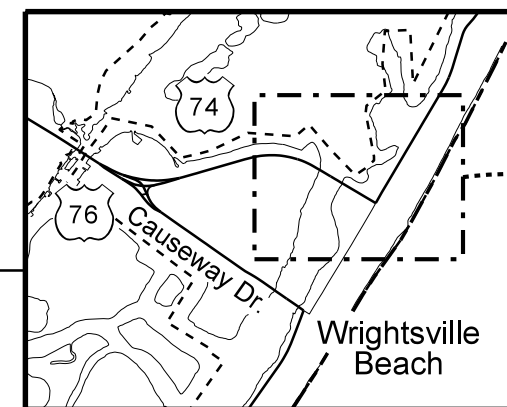


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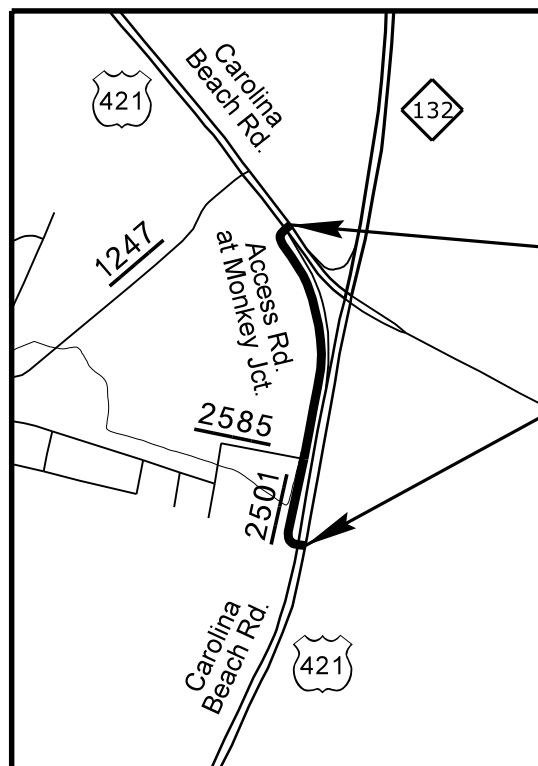
NEW HANOVER COUNTY – CONT.



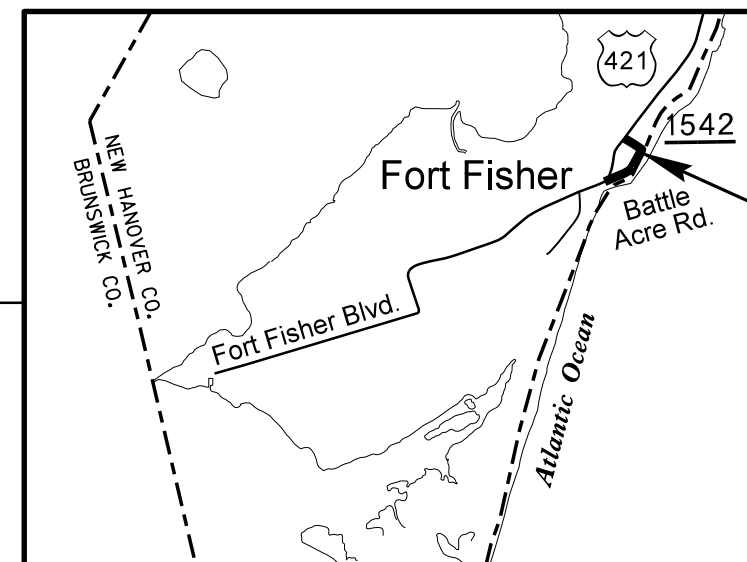
16
SR 1322
MURRAYVILLE ROAD



20
W. SALISBURY ST.
PARKING AREA
(SEE PLAN DETAIL SH. 9)



15
SR 2501
ACCESS ROAD
AT MONKEY JUNCTION



35
SR 1542
BATTLE ACRE ROAD
(SEE PLAN DETAIL SH. 10)

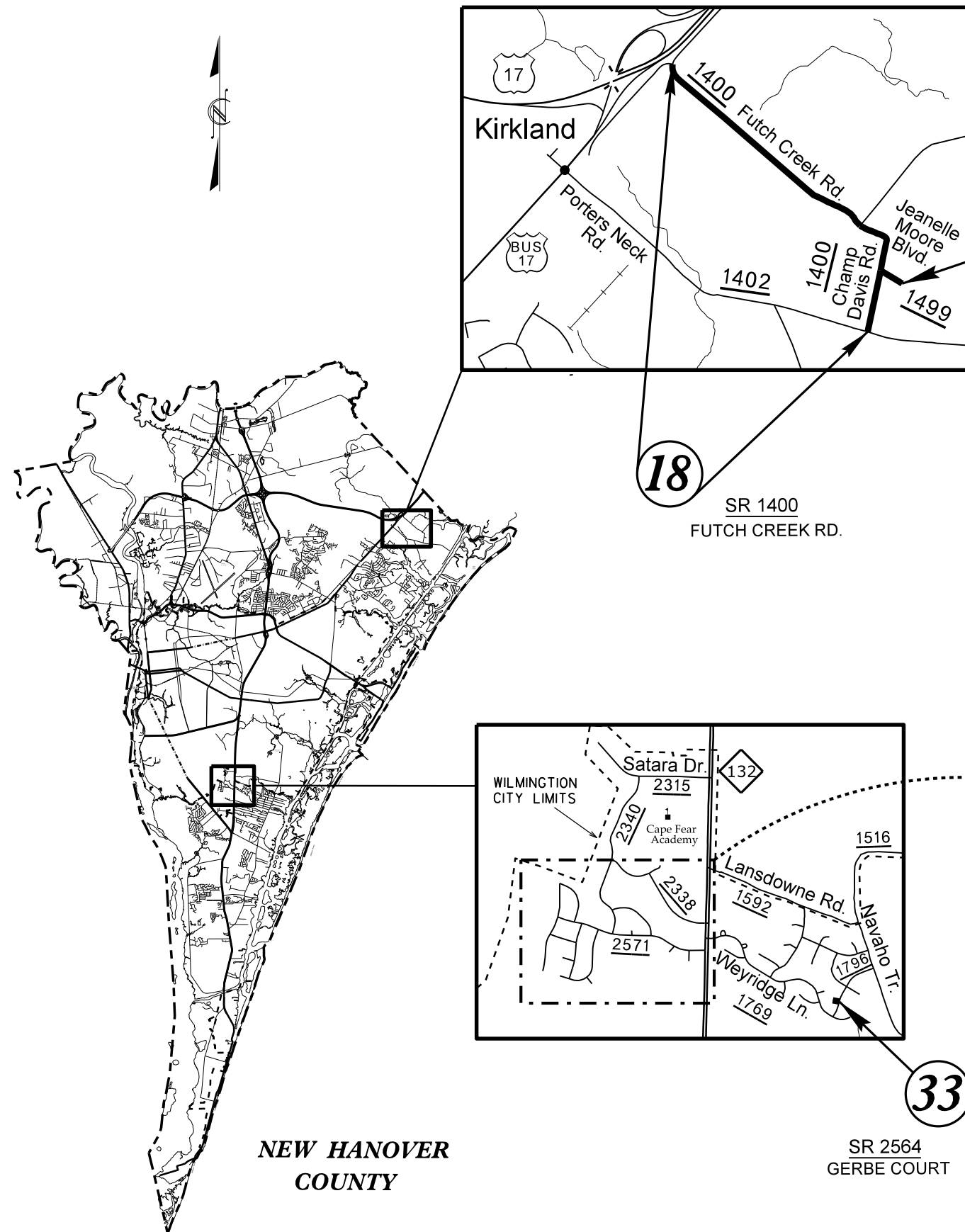
***NEW HANOVER
COUNTY***

MAPS N.T.S.

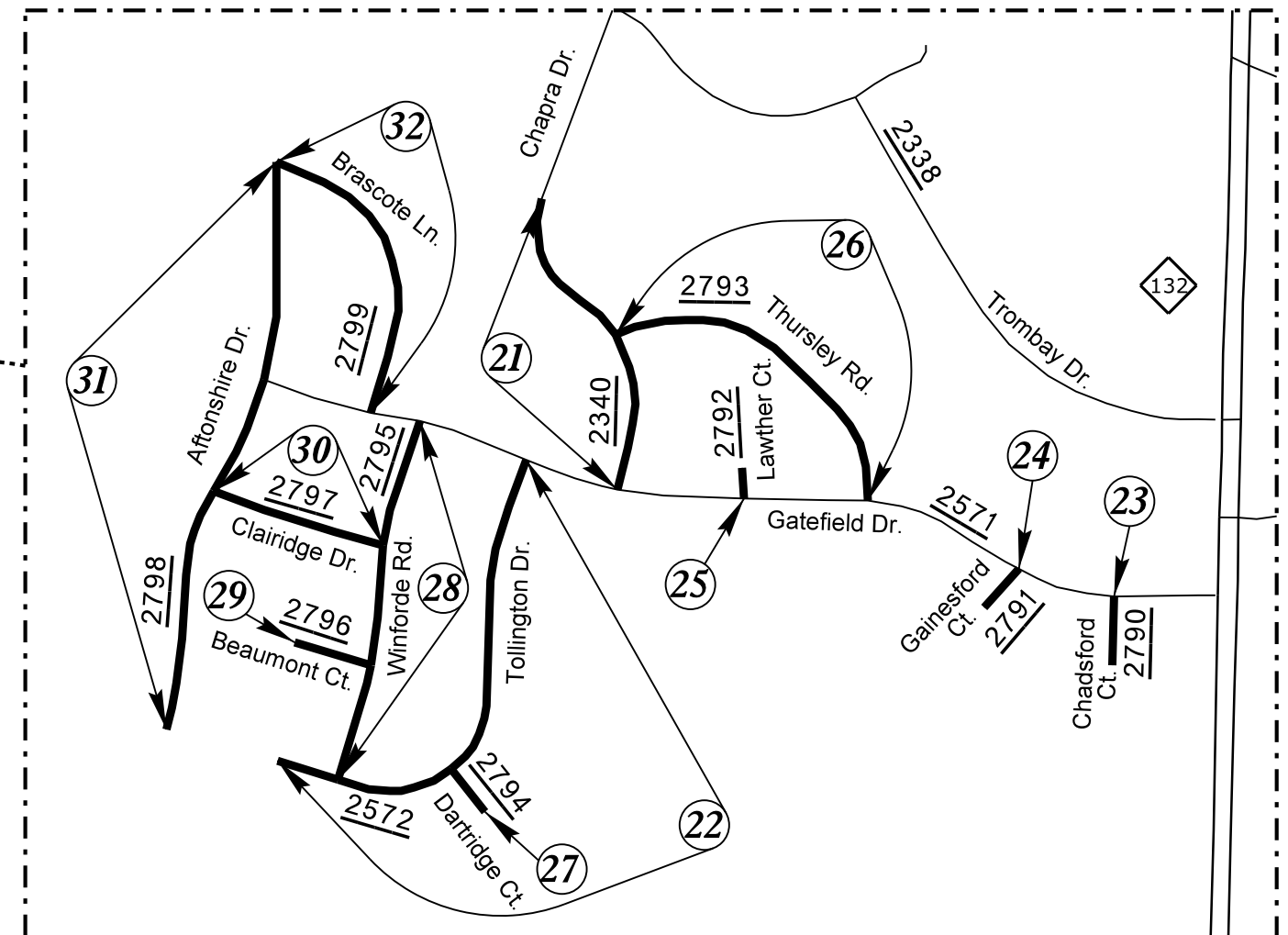
REVISIONS

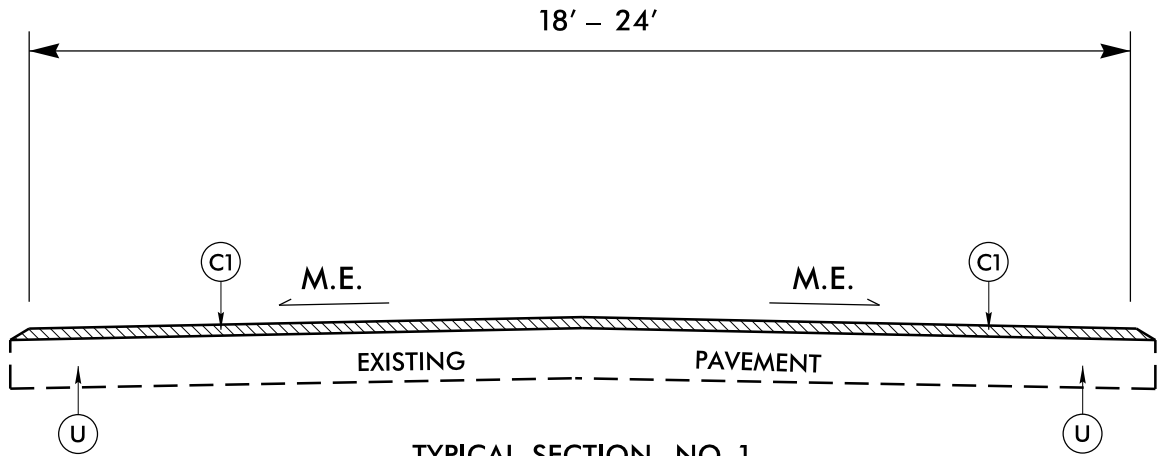
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\$\$\$\$\$BURNHAM\$\$\$\$\$

NEW HANOVER COUNTY – CONT.



- | | |
|--|--|
| <div><div>21</div><div><u>SR 2340</u>
CHAPRA DRIVE</div></div> | <div><div>27</div><div><u>SR 2794</u>
DARTRIDGE COURT</div></div> |
| <div><div>22</div><div><u>SR 2572</u>
TOLLINGTON DRIVE</div></div> | <div><div>28</div><div><u>SR 2795</u>
WINFORDE ROAD</div></div> |
| <div><div>23</div><div><u>SR 2790</u>
CHADSFORD COURT</div></div> | <div><div>29</div><div><u>SR 2796</u>
BEAUMONT COURT</div></div> |
| <div><div>24</div><div><u>SR 2791</u>
GAINESFORD COURT</div></div> | <div><div>30</div><div><u>SR 2797</u>
CLAIRIDGE DRIVE</div></div> |
| <div><div>25</div><div><u>SR 2792</u>
LAWTHER COURT</div></div> | <div><div>31</div><div><u>SR 2798</u>
AFTONSHIRE DRIVE</div></div> |
| <div><div>26</div><div><u>SR 2793</u>
THURSLEY ROAD</div></div> | <div><div>32</div><div><u>SR 2799</u>
BRASCOTE LANE</div></div> |





TYPICAL SECTION NO. 1

MAP 1
SR 1324 (SHERIDAN DR.)
MP 0.000 – MP 0.150

MAP 6
SR 1383 (WEDGEWOOD RD.)
MP 0.000 – MP 0.090

MAP 9
SR 1669 (DARLEY LN.)
MP 0.000 – MP 0.120

MAP 2
SR 1325 (LONG LEAF DR.)
MP 0.000 – MP 0.490

MAP 7
SR 1387 (HYACINTH AVE.)
MP 0.000 – MP 0.110

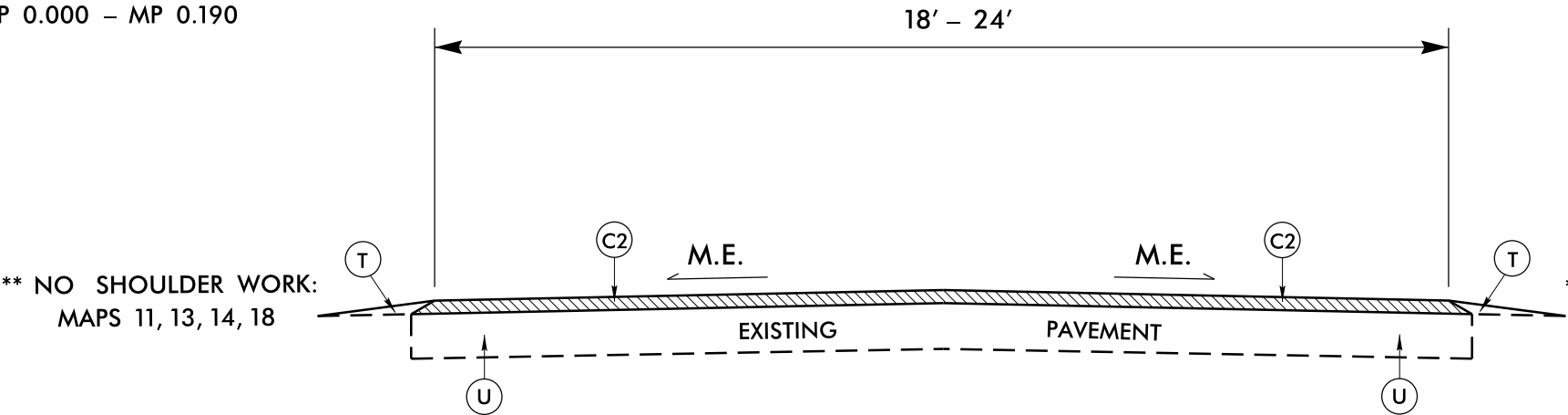
MAP 10
SR 1686 (ROYAL OAK DR.)
MP 0.000 – MP 0.230

MAP 3
SR 1326 (LAUREL DR.)
MP 0.000 – MP 0.470

MAP 8
SR 1668 (BALSAM DR.)
MP 0.000 – MP 0.167

MAP 12
SR 2181 (BLUE CLAY RD./DAIRY FARM RD.)
MP 1.550 – MP 2.145

MAP 5
SR 1382 (GARDEN PLACE DR.)
MP 0.000 – MP 0.190



TYPICAL SECTION NO. 2

MAP 4
SR 1332 (CHAIR RD.)
MP 0.000 – MP 0.896

** MAP 13
SR 2199 (CREEKSTONE LN.)
MP 0.000 – MP 0.260

MAP 15
SR 2501 (ACCESS RD. AT MONKEY JCT.)
MP 0.000 – MP 0.510

** MAP 11
SR 2071 (ARLENE DR.)
MP 0.000 – MP 0.320

** MAP 14
SR 2200 (PLUM TREE LN.)
MP 0.000 – MP 0.230

MAP 16
SR 1322 (MURRAYVILLE RD.)
MP 4.490 – MP 4.962

** MAP 18
SR 1400 (FUTCH CREEK RD.)
MP 0.419 – MP 1.785

PAVEMENT SCHEDULE

C1	PROP. APPROX. 1¼" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 138 LBS. PER SQ.YD.
C2	PROP. APPROX. 1½" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 165 LBS. PER SQ.YD.
C3	PROP. APPROX. 1½" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ.YD.
C4	PROP. APPROX. ¾" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S4.75A, AT AN AVERAGE RATE OF 85 LBS. PER SQ.YD.
E1	PROP. APPROX. 5" DEPTH ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 570 LBS. PER SQ.YD.
R1	EXISTING CONCRETE 2'-6" CURB & GUTTER
R2	EXISTING CONCRETE VALLEY CURB
R3	EXISTING CONC. MEDIAN CURB 8" X 6"
T	EARTH MATERIAL (SHOULDER RECONSTRUCTION)
U	EXISTING PAVEMENT
V1	MILLING ASPHALT PAVEMENT, 1"- 1½" DEPTH

PAVEMENT EDGE SLOPES ARE 1:1, EXCEPT FINAL SURFACE COURSE. SEE SHOULDER WEDGE DETAIL.

M.E. = MATCH EXISTING

SEE STD. DRAWING 1205.01, SHEET 2 OF 2, TABLE 1 FOR EDGE LINE OFFSETS.

** NO SHOULDER WORK:
MAPS 11, 13, 14, 18

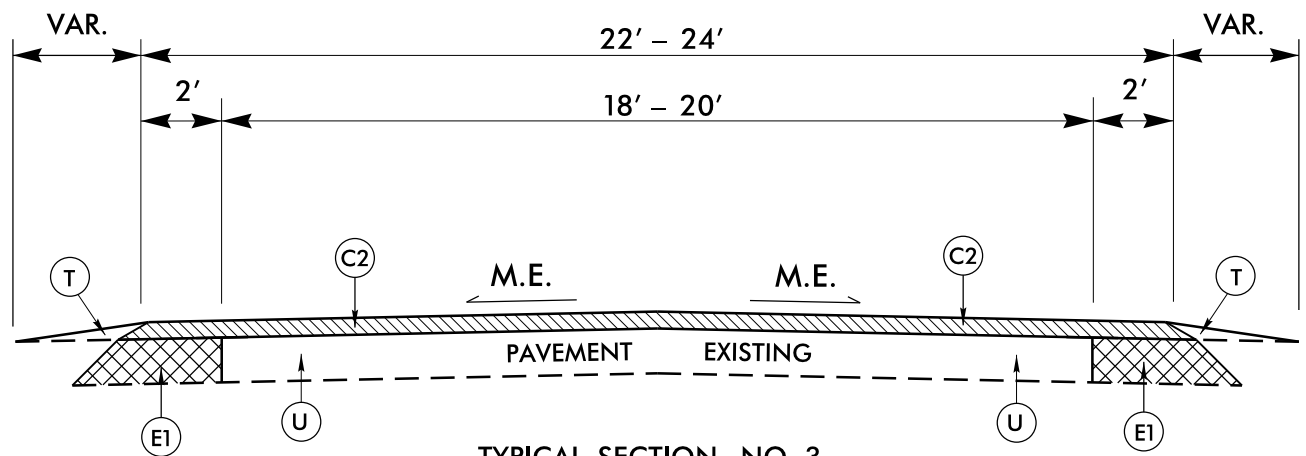
** NO SHOULDER WORK:
MAPS 11, 13, 14, 18

8/17/99

REVISIONS

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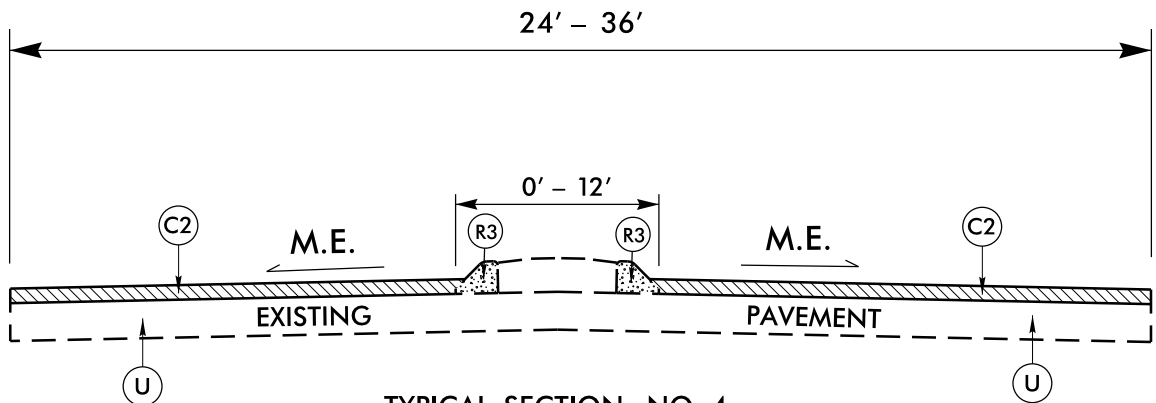
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TYPICAL SECTION NO. 3

MAP 12
SR 2181 (BLUE CLAY RD./DAIRY FARM RD.)
MP 0.000 – MP 1.550

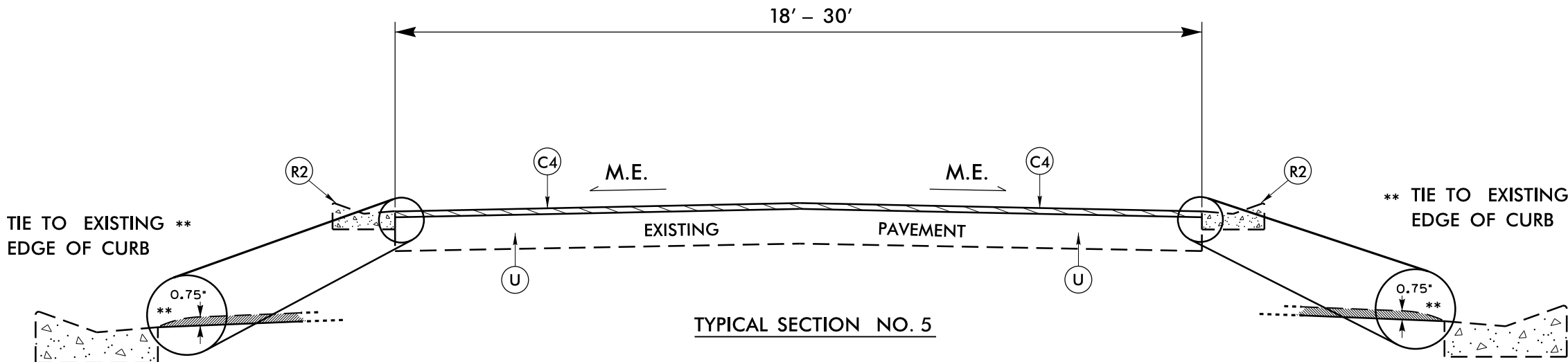
MAP 16
SR 1322 (MURRAYVILLE RD.)
MP 4.962 – MP 5.438



TYPICAL SECTION NO. 4

MAP NO. 19
SR 2652 (NORTHCHASE PKWY. NE)
MP 0.000 – MP 0.417

VI MILL ENTRANCE TO PAVEMENT SEAM
MP 0.000 – MP 0.029



TYPICAL SECTION NO. 5

MAP NO. 21
SR 2340 (CHAPRA DR.)
MP 0.440 – MP 0.630

MAP NO. 22
SR 2572 (TOLLINGTON DR.)
MP 0.000 – MP 0.290

MAP NO. 23
SR 2790 (CHADSFORD CT.)
MP 0.000 – MP 0.040

MAP NO. 24
SR 2791 (GAINESFORD CT.)
MP 0.000 – MP 0.040

MAP NO. 25
SR 2792 (LAWTHER CT.)
MP 0.000 – MP 0.020

MAP NO. 26
SR 2793 (THURSLEY RD.)
MP 0.000 – MP 0.200

MAP NO. 27
SR 2794 (DARTRIDGE CT.)
MP 0.000 – MP 0.030

MAP NO. 28
SR 2795 (WINFORDE RD.)
MP 0.000 – MP 0.210

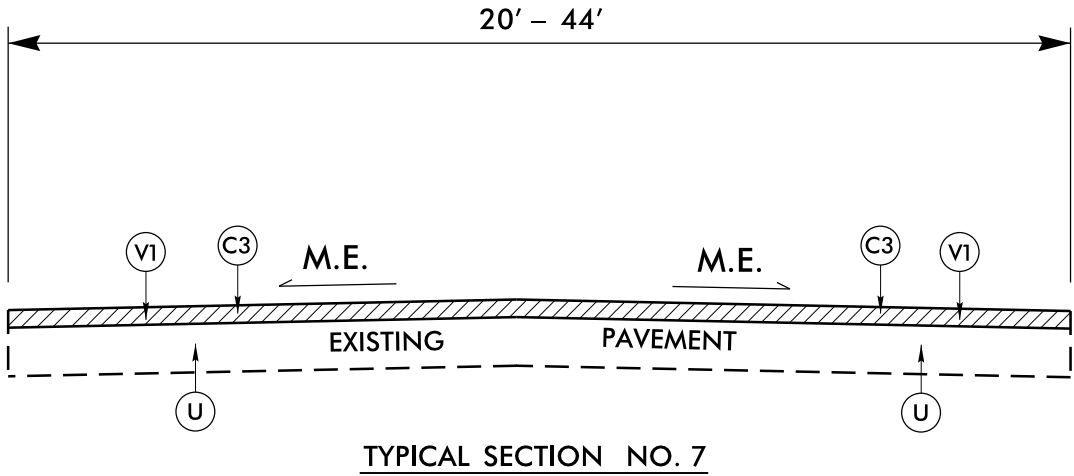
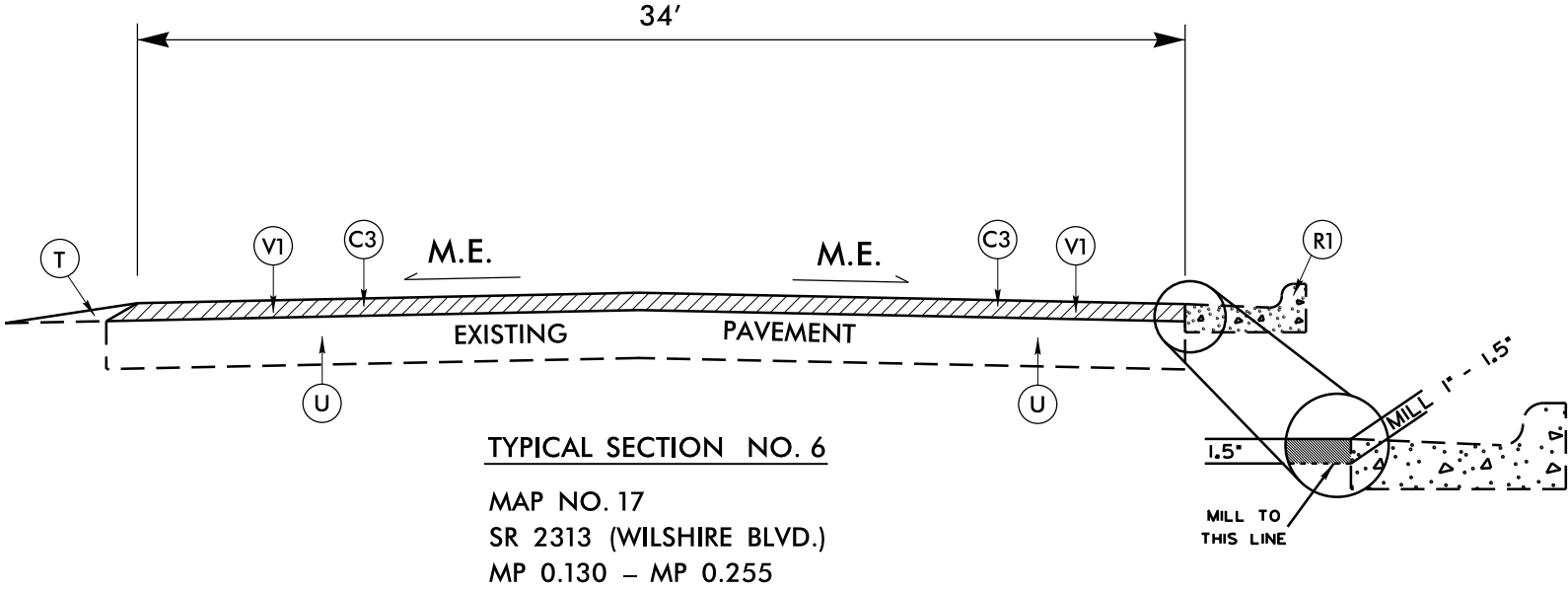
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SR 2796 (BEAUMONT CT.)
MP 0.000 – MP 0.050

MAP NO. 30
SR 2797 (CLAIRIDGE DR.)
MP 0.000 – MP 0.100

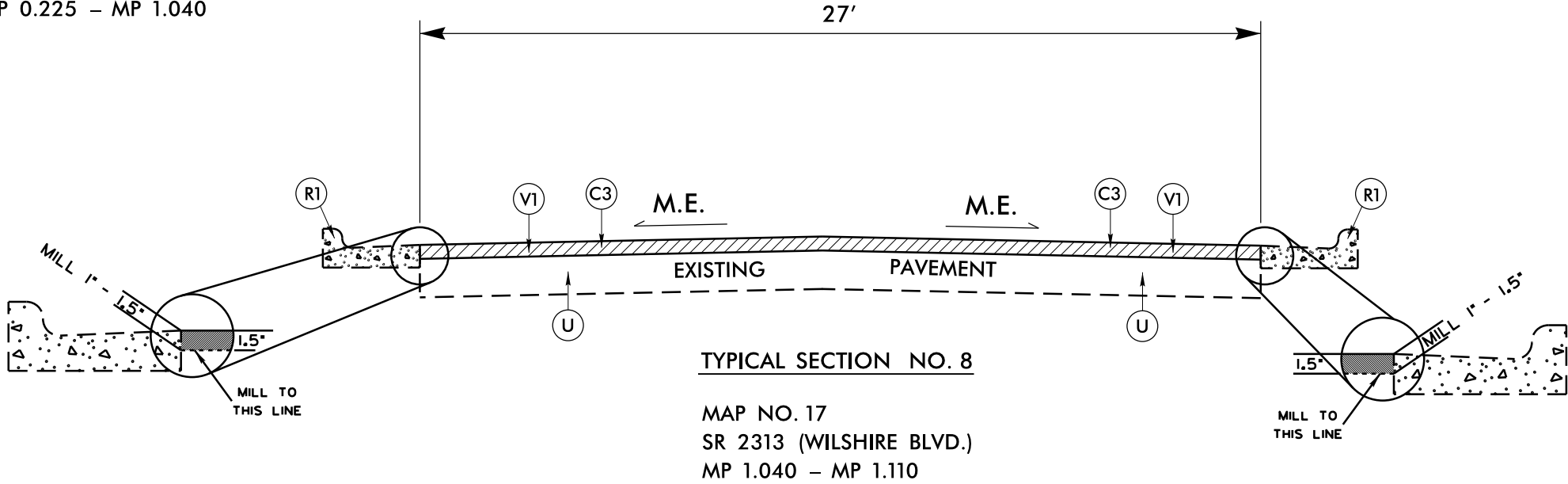
MAP NO. 31
SR 2798 (AFTONSHIRE DR.)
MP 0.000 – MP 0.330

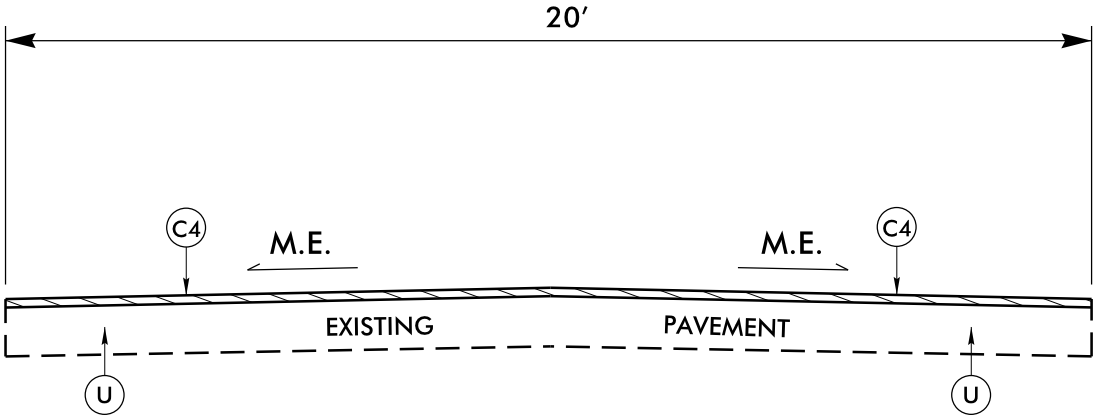
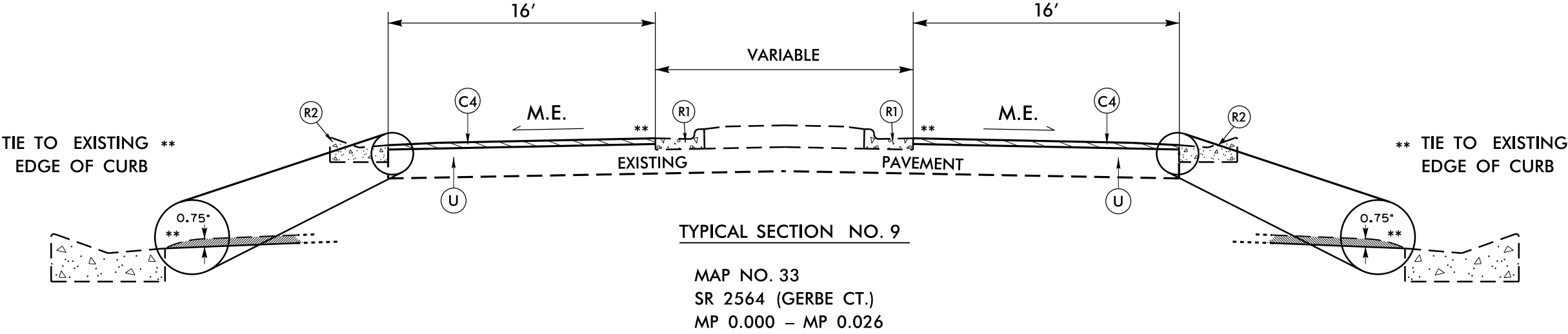
MAP NO. 32
SR 2799 (BRASCOTE LN.)
MP 0.000 – MP 0.180

PAVEMENT SCHEDULE	
C2	1½" SF9.5A
C4	¾" S4.75A
E1	5" B25.0B
R2	EXISTING CONC. VALLEY CURB
R3	EXISTING CONC. MEDIAN CURB 8" X 6"
T	EARTH MATERIAL SHOULDER RECONSTRUCT.
U	EXISTING PAVEMENT
V1	MILLING 1" - 1½" DEPTH



PAVEMENT SCHEDULE	
C3	1½" S9.5B
R1	EXIST. 2'-6" C & G
T	EARTH MATERIAL SHOULDER RECONSTRUCT.
U	EXISTING PAVEMENT
V1	MILLING 1" - 1½" DEPTH





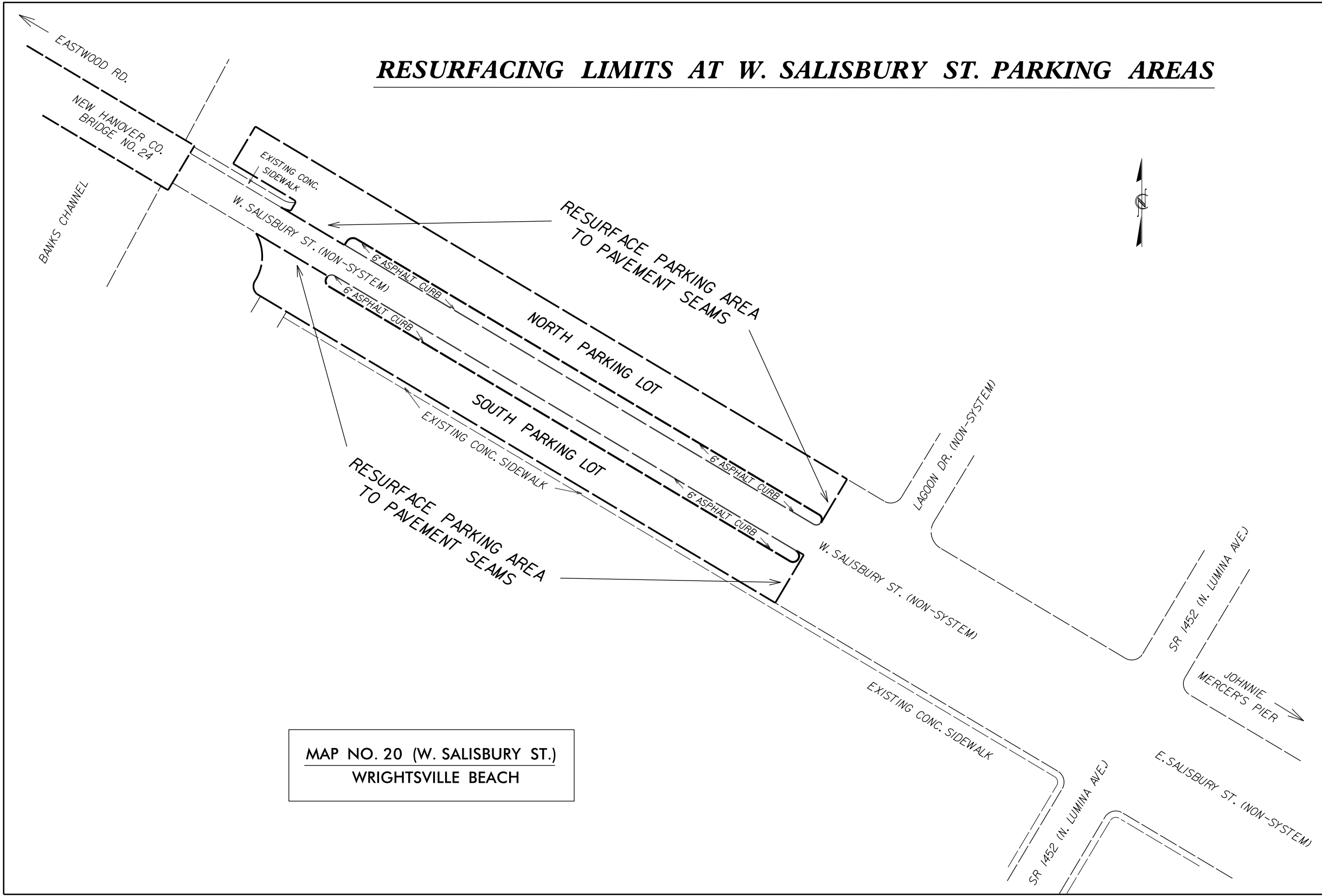
PAVEMENT SCHEDULE	
C4	¾" S4.75A
R1	EXIST. 2'-6" C & G
R2	EXISTING CONC. VALLEY CURB
U	EXISTING PAVEMENT

8/17/99

Resurfacing\New Hanover Co\2017CPT.03.07.20651,Etc._Sec_Rds_Futch_Creek\2017CPT.03.07.20651,Etc_Rdy_TYP.dgn

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\$\$\$BUTCHERNAME\$\$\$

RESURFACING LIMITS AT W. SALISBURY ST. PARKING AREAS



**MAP NO. 20 (W. SALISBURY ST.)
WRIGHTSVILLE BEACH**

8/17/99
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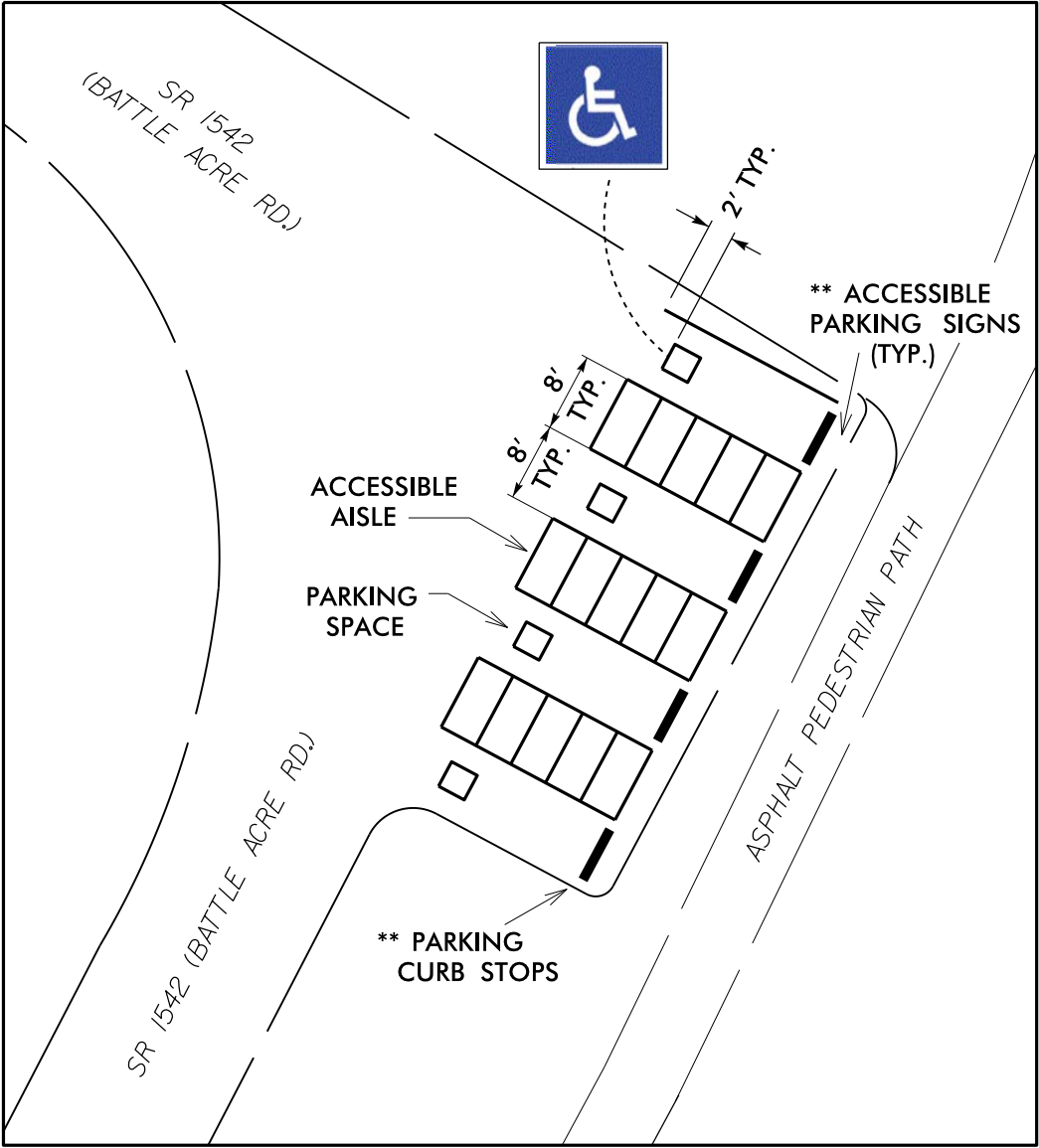
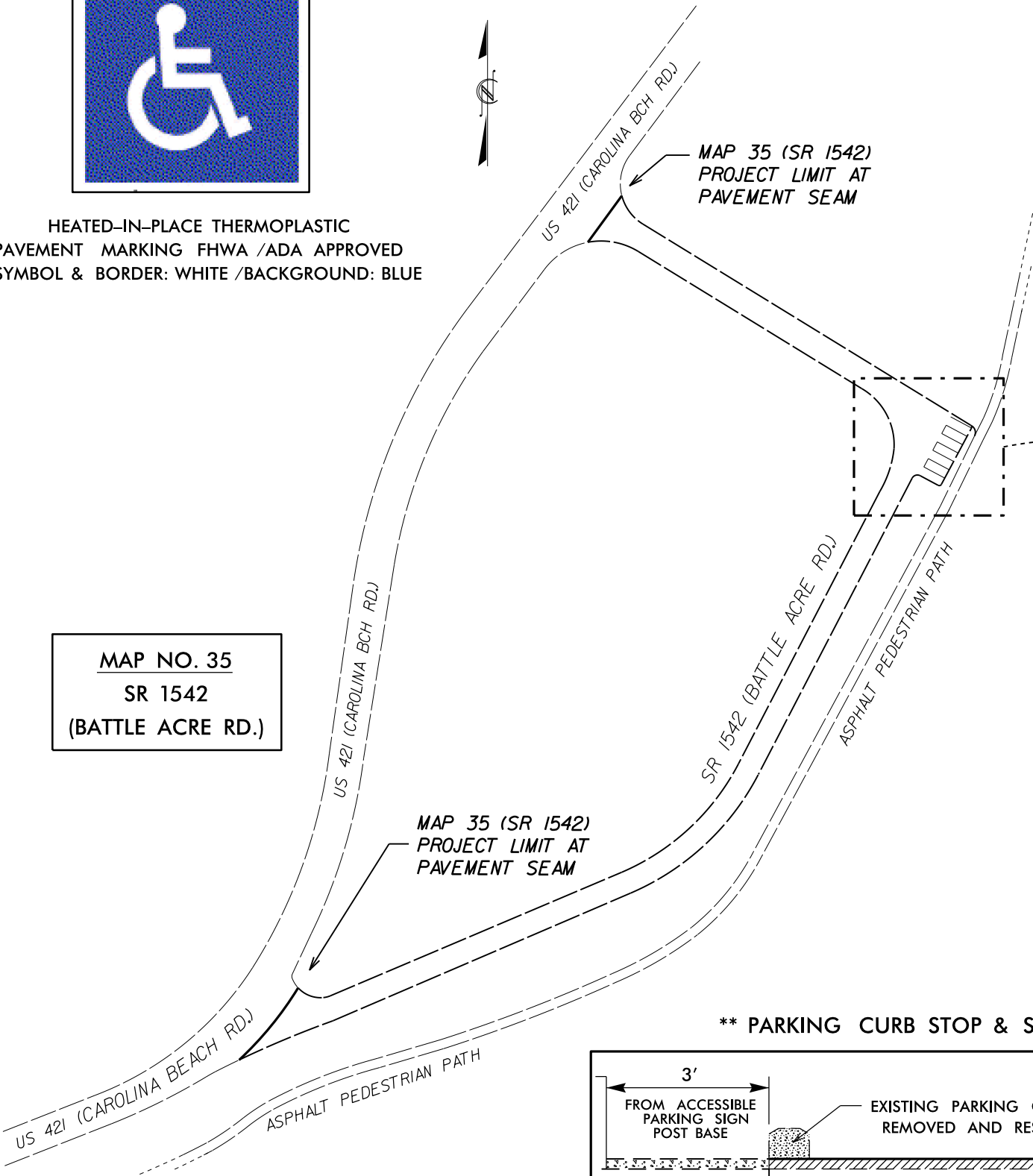
**RESURFACING LIMITS AND PAVEMENT MARKING &
CURB STOPS FOR ACCESSIBLE PARKING SPACES**

INTERNATIONAL SYMBOL OF
ACCESSIBILITY PARKING SPACE



HEATED-IN-PLACE THERMOPLASTIC
PAVEMENT MARKING FHWA /ADA APPROVED
SYMBOL & BORDER: WHITE /BACKGROUND: BLUE

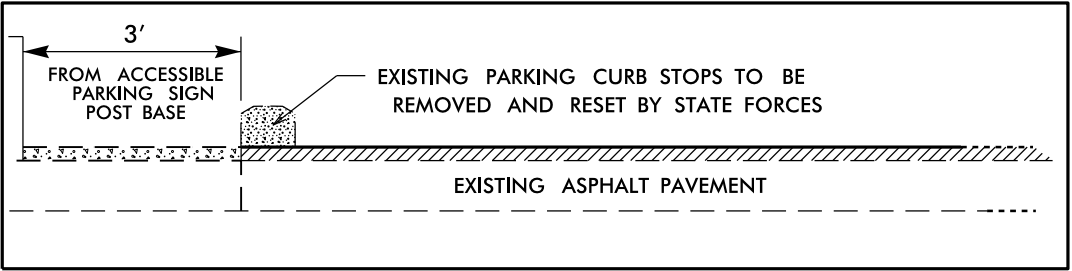
MAP NO. 35
SR 1542
(BATTLE ACRE RD.)



MAP NO. 35: SR 1542 (BATTLE ACRE RD.)

DETAIL: ACCESSIBLE PARKING SPACES
ALL SIGNAGE FOR ACCESSIBLE AND VAN-ACCESSIBLE SPACES
WILL BE PROVIDED BY STATE FORCES

**** PARKING CURB STOP & SIGNING (SIDE VIEW)**



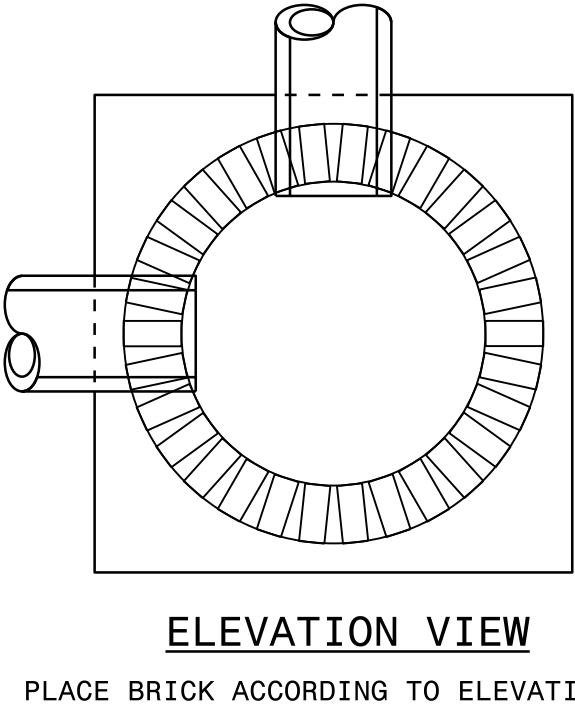
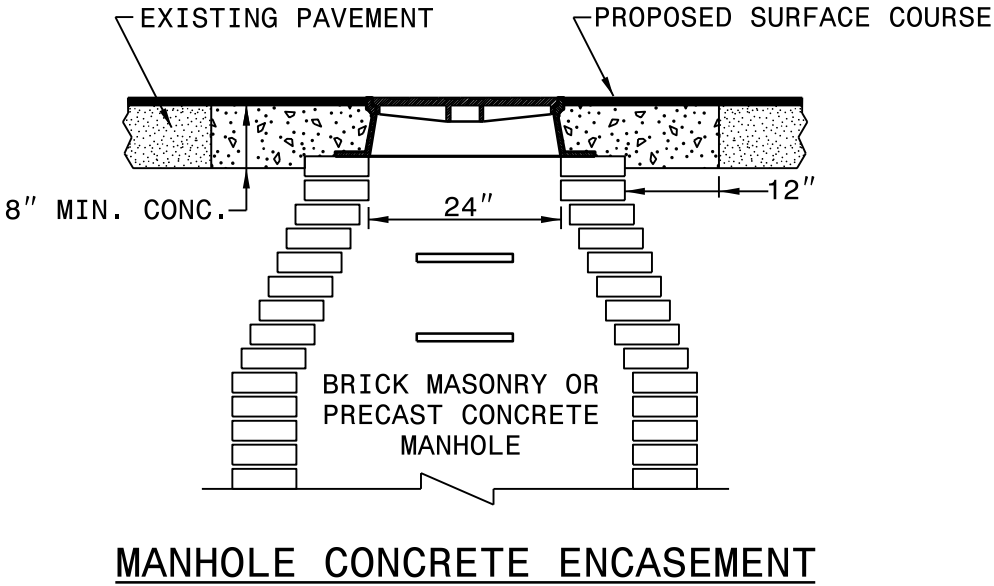
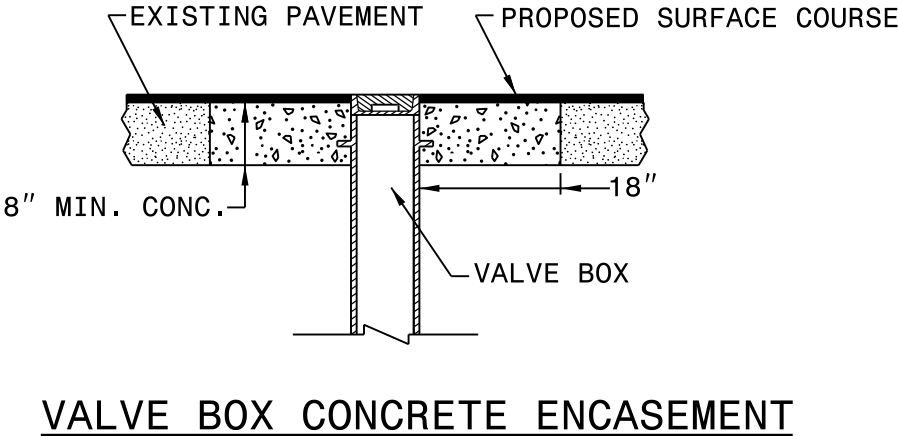
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\$\$\$\$\$SUBMITNAME\$\$\$\$\$

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 THAT WILL TAKE FULL SET AND BECOME LOAD BEARING WITHIN SIXTY MINUTES OF PLACEMENT 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 $\frac{1}{2}$ " +/- $\frac{1}{8}$ "
 7. CONSTRUCT AN ASPHALT RAMP IN ACCORDANCE WITH SECTION 858-3 OF THE 2012 STANDARD SPECIFICATIONS.



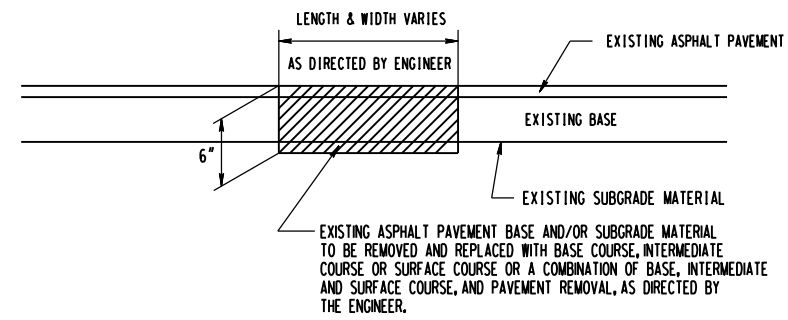
STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR
MANHOLE AND VALVE BOX ADJUSTMENTS

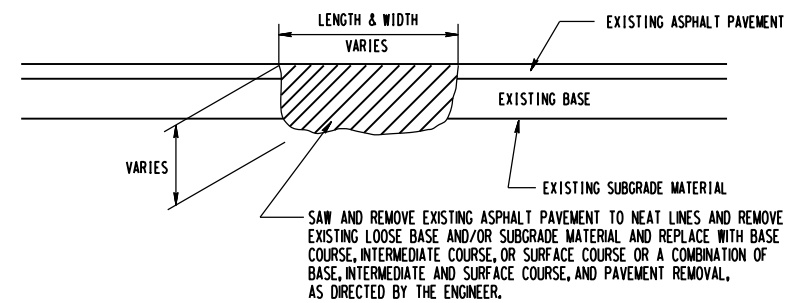
SHEET 1 OF 1
840D55

REVISIONS

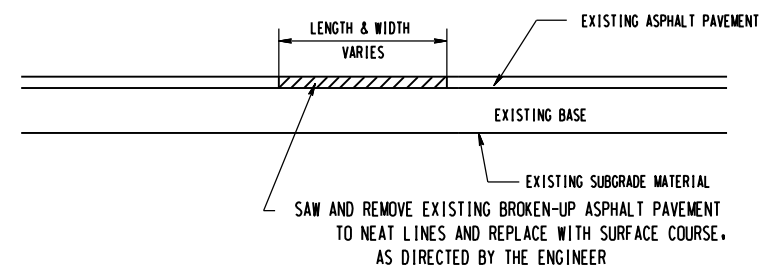
DETAILS OF PATCHING EXISTING PAVEMENT PRIOR TO RESURFACING FOR FULL DEPTH AND MILLING



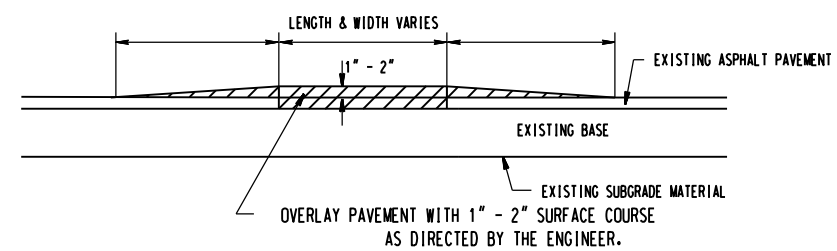
DETAIL NO. 1



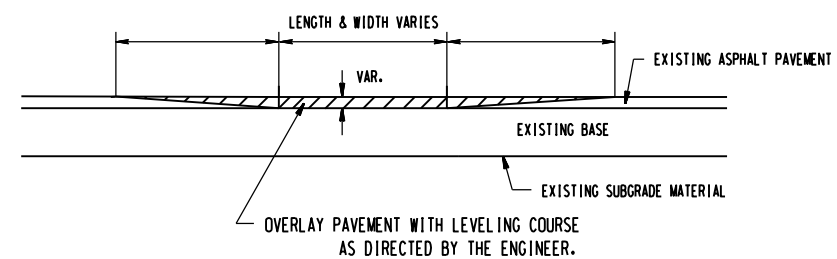
DETAIL NO. 2



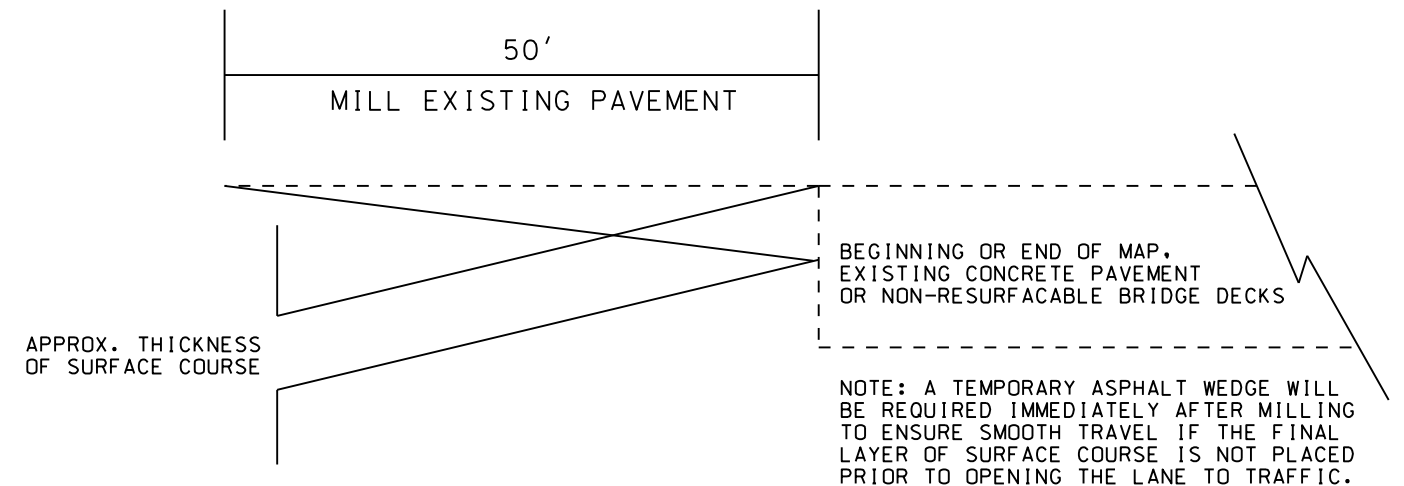
DETAIL NO. 3



DETAIL NO. 4

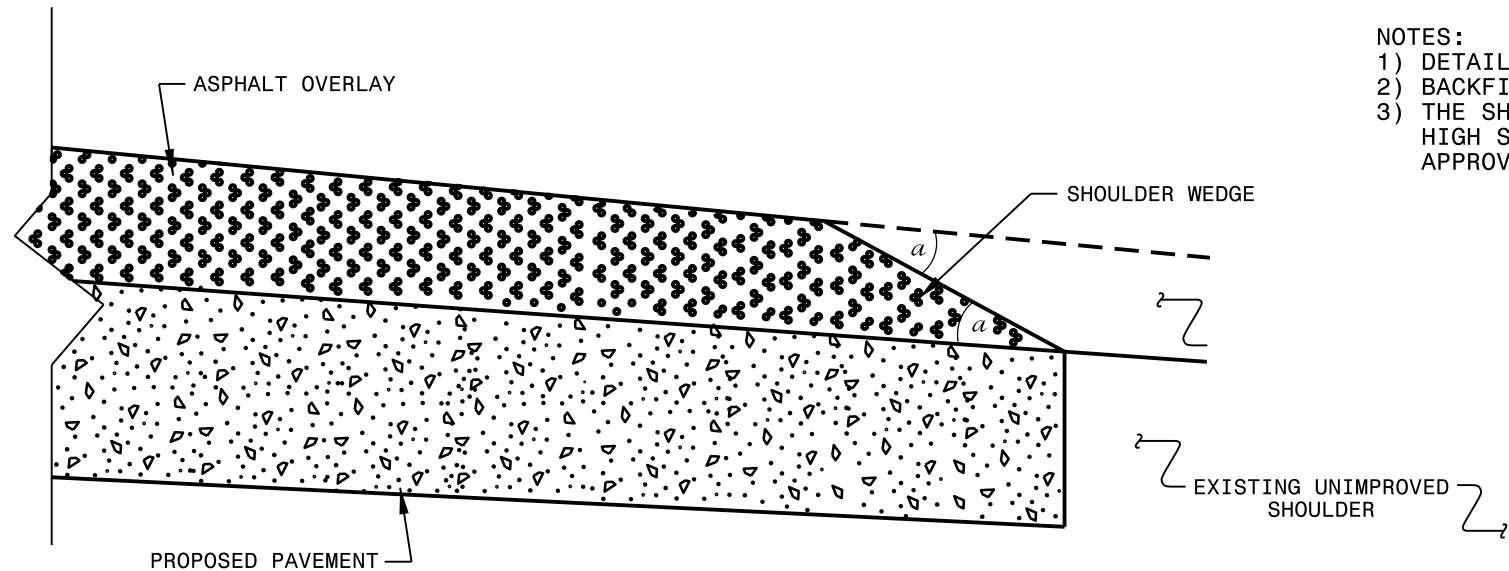


DETAIL NO. 5

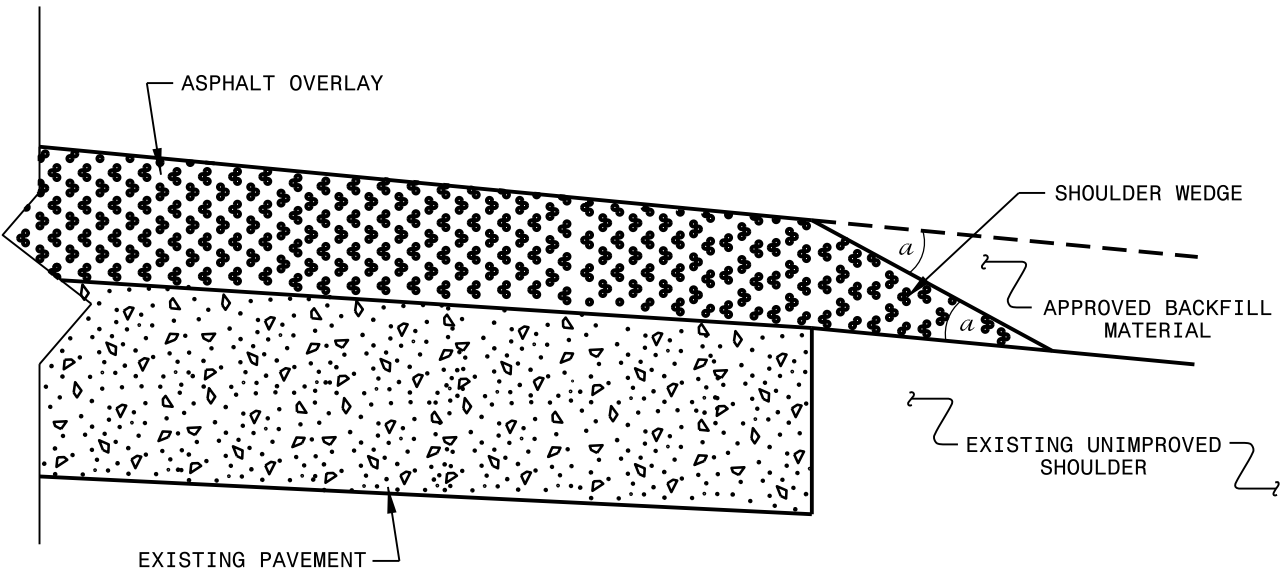


DETAIL FOR 1" - 1.5" MILLING OR INCIDENTAL MILLING:
MAY BE USED AT THE BEGINNING & END OF MAPS
AND AT APPROACH & TRAILING ENDS OF BRIDGES

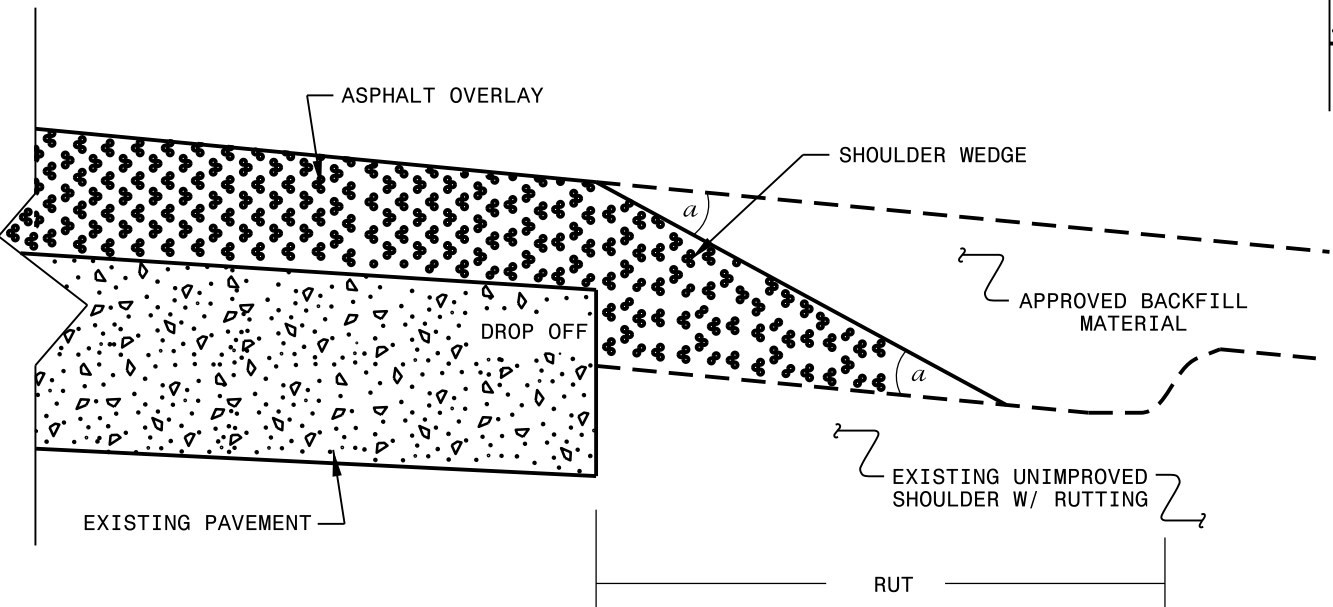
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFB AND ULTRA-THIN BONDED WEARING COURSE.
 - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS, SIDE STREETS, HIGH SHOULDERS, AND OTHER LOCATIONS NOT FEASIBLE TO CONSTRUCT AS APPROVED BY THE ENGINEER.



SHOULDER WEDGE DETAIL
(Resurfacing Projects w/ Widening or
with Existing Paved Shoulder having no dropoffs)



SHOULDER WEDGE DETAIL
(Resurfacing Projects w/ NO Widening)



SHOULDER WEDGE DETAIL
(Resurfacing Adjacent to
Rutted Shoulder)

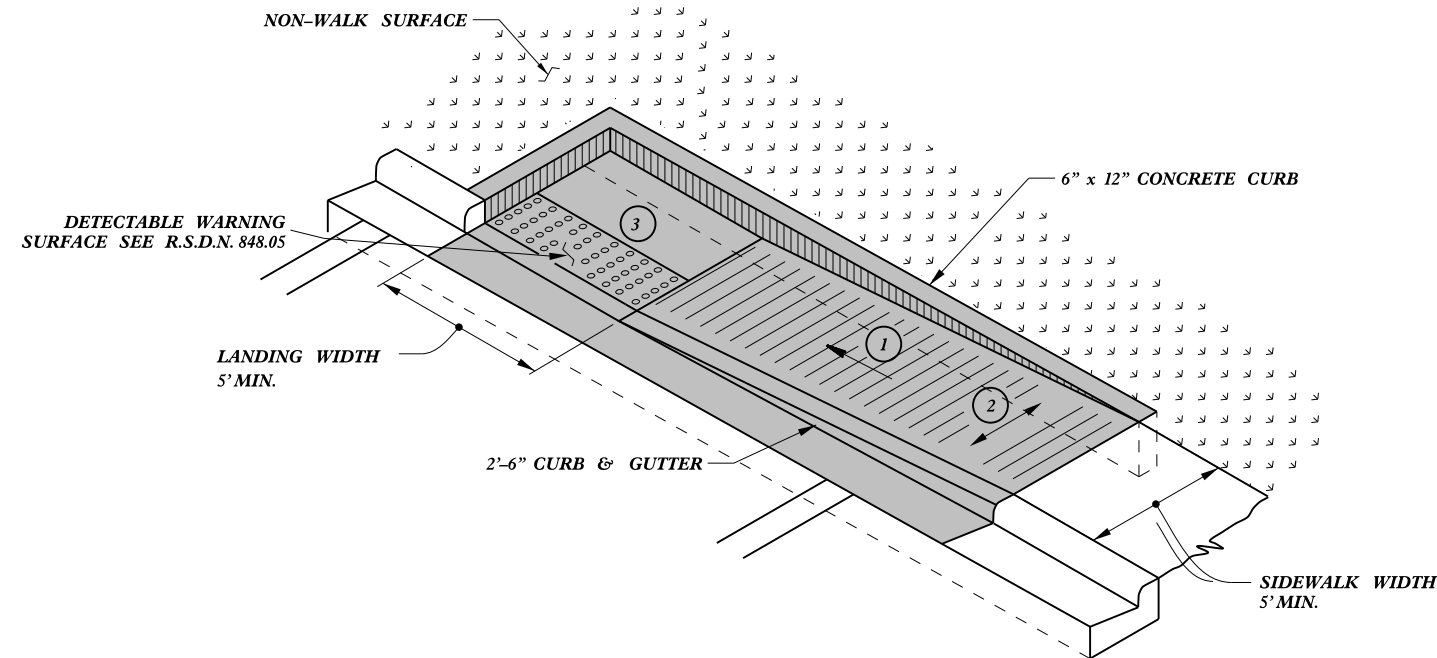
- SHOULDER WEDGE ANGLE = 30°

CONTRACT STANDARDS AND DEVELOPMENT UNIT			
Office 919-707-6950		FAX 919-250-4119	
SHOULDER WEDGE DETAILS			
ORIGINAL BY:	T.SPELL	DATE:	7-19-11
MODIFIED BY:		DATE:	2/2/16
CHECKED BY:		DATE:	
FILE SPEC.:	s:\usr\details\stand\shoulderwedgedetail.dgn		

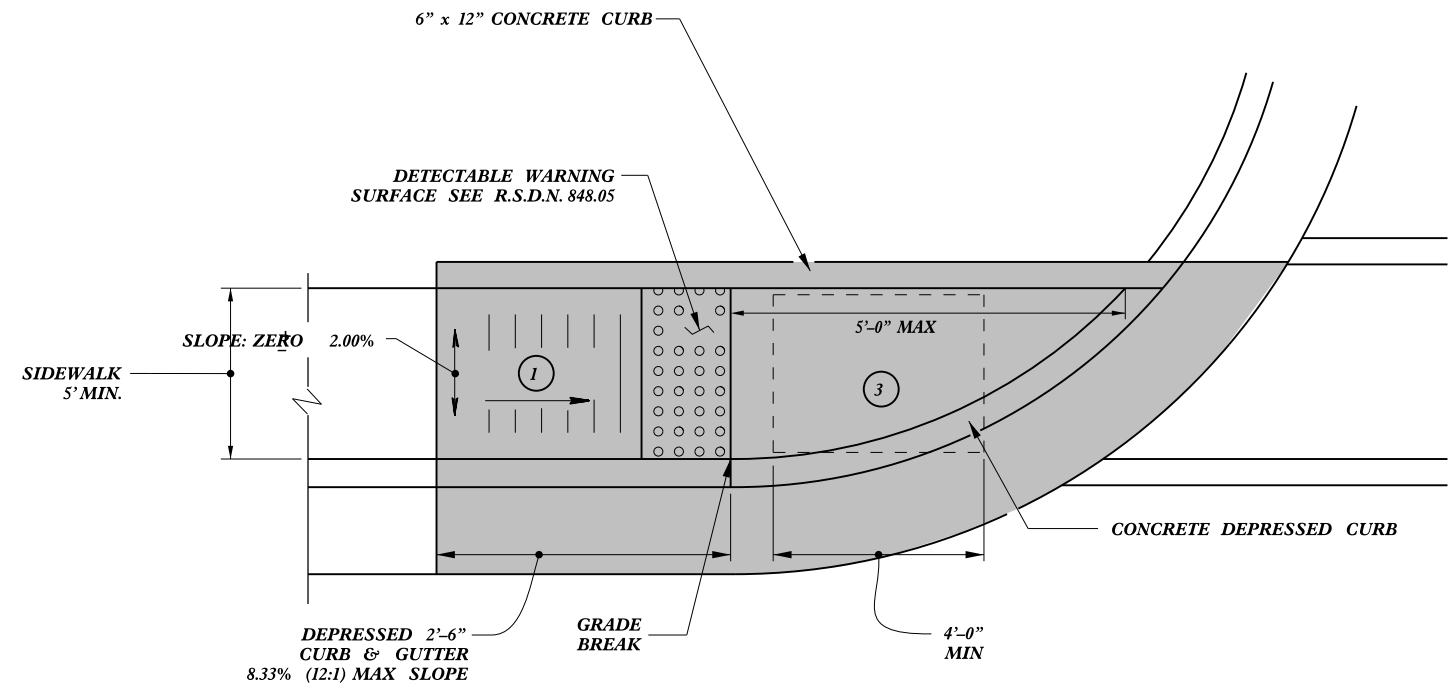
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J.Howerton

5/14/99

PROJECT REFERENCE NO.	SHEET NO.
2017CPT.03.07.20651 Etd	14



TYPE 1A



TYPE 1

- 1 8.33% (12:1) MAX RAMP SLOPE
- 2 CROSS SLOPE: 2.00%
- 3 CURB RAMPS REQUIRE A (4'-0") MINIMUM LANDING WITH A MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 2.00% WHERE PEDESTRIANS PERFORM TURNING MANEUVERS. SLOPE TO DRAIN TO CURB.

REFER TO ROADWAY STANDARD DRAWING NUMBER 848.05 SHEET 3 OF 3 FOR ALL RAMP NOTES

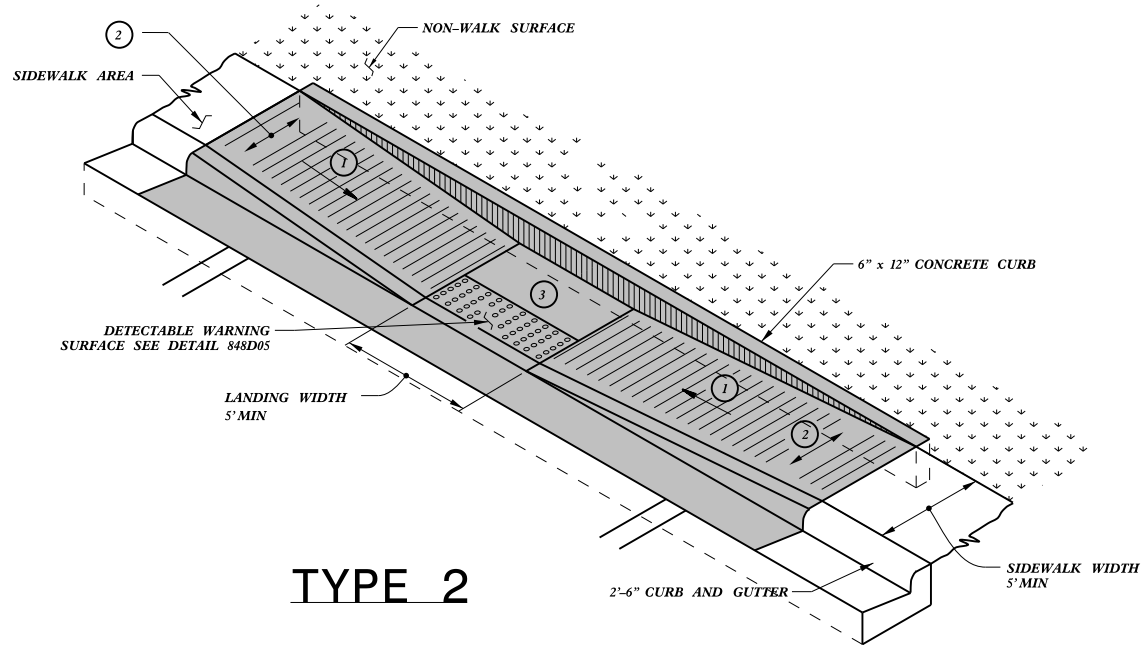
PAY LIMITS FOR CURB RAMP

CONTRACT STANDARDS AND DEVELOPMENT UNIT	
Office 919-707-6950	FAX 919-250-4119
CURB RAMPS	
Directional Ramps	
ORIGINAL BY: J.S. HOWERTON	DATE: 7/7/11
MODIFIED BY:	DATE:
CHECKED BY:	DATE:
FILE SPEC: stds/2012CurbRamp/CurbRampDetails.dwg	

22-MAR-2012 15:07
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J.Howerton

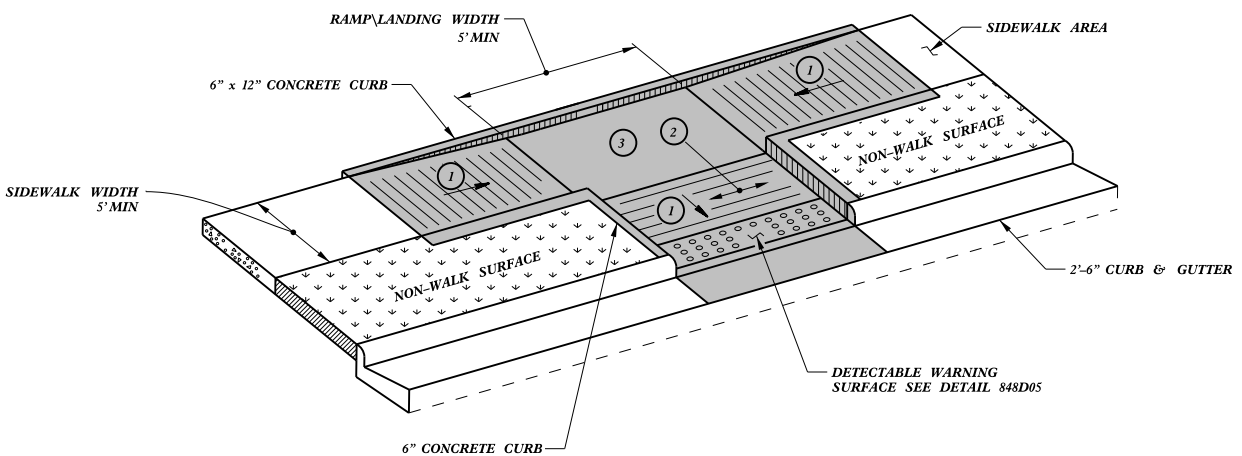
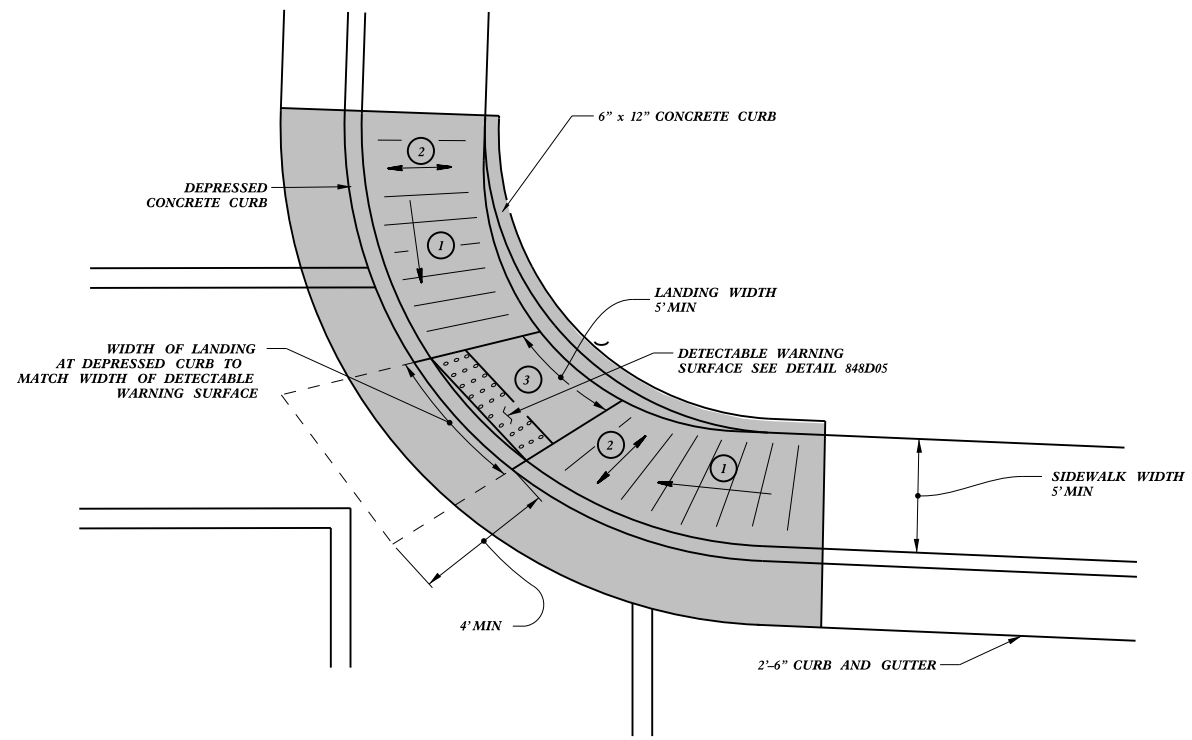
5/14/99

PROJECT REFERENCE NO.	SHEET NO.
2017CPT.03.07.20651, Etc.	15



PAY LIMITS FOR CURB RAMP

- 1 8.33% (12:1) MAX RAMP SLOPE
- 2 CROSS SLOPE: 2.00%
- 3 CURB RAMPS REQUIRE A (4'-0") MINIMUM LANDING WITH A MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 2.00% WHERE PEDESTRIANS PERFORM TURNING MANEUVERS. SLOPE TO DRAIN TO CURB.

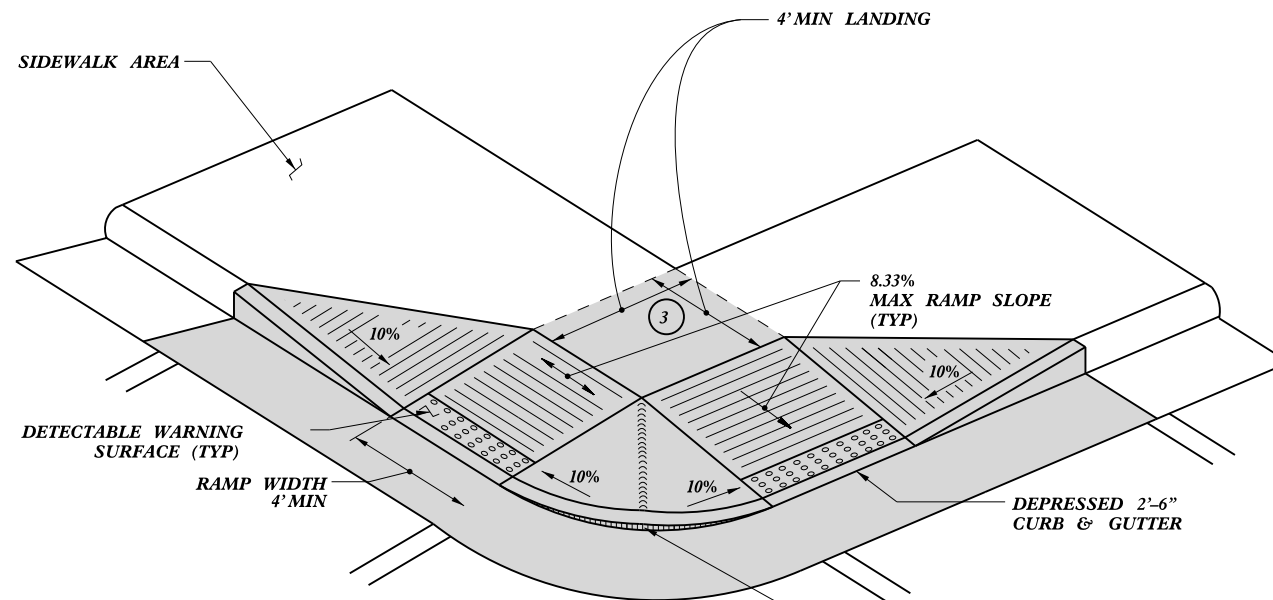


TYPE 3

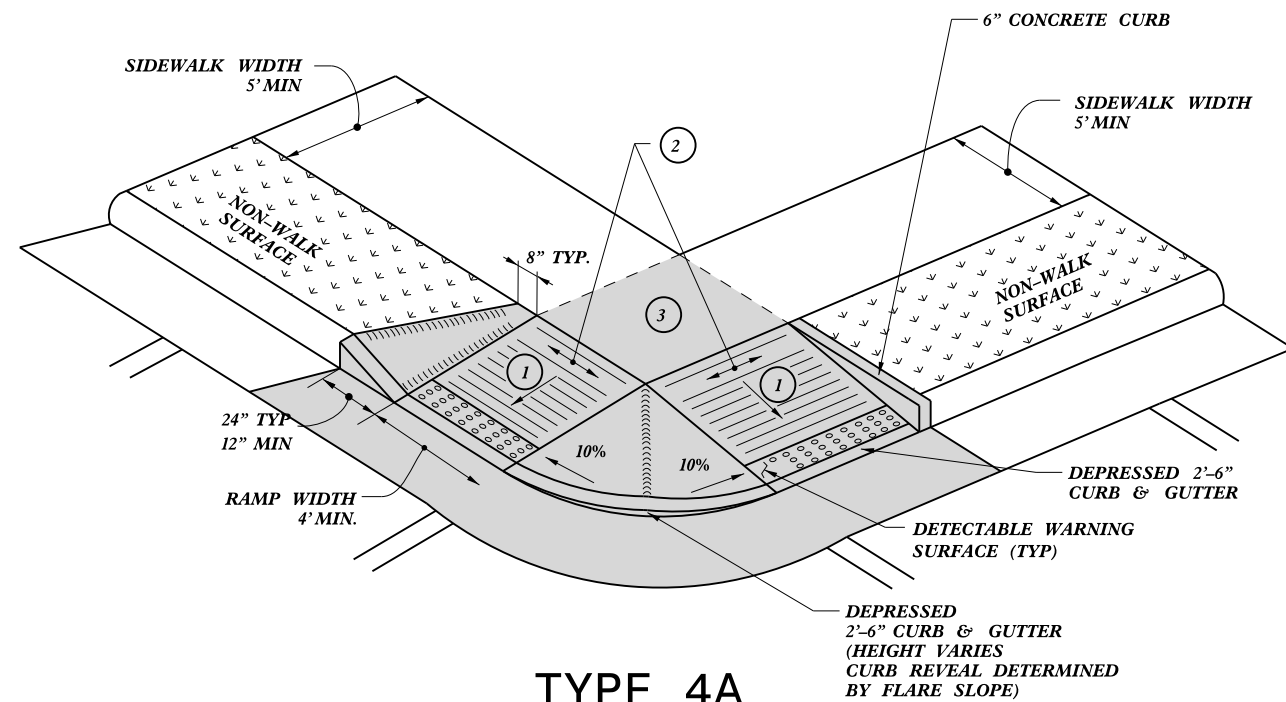
CONTRACT STANDARDS AND DEVELOPMENT UNIT	
Office 919-707-6950	FAX 919-250-4119
CURB RAMPS	
Parallel Ramps	
ORIGINAL BY: J.S. HOWERTON	DATE: 7/7/11
MODIFIED BY:	DATE:
CHECKED BY:	DATE:
FILE SPEC: stds/2012CurbRamp/CurbRampDetails.dgn	

REFER TO ROADWAY STANDARD DRAWING NUMBER 848.05 SHEET 3 OF 3 FOR ALL RAMP NOTES

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J.Howerton
5/14/99

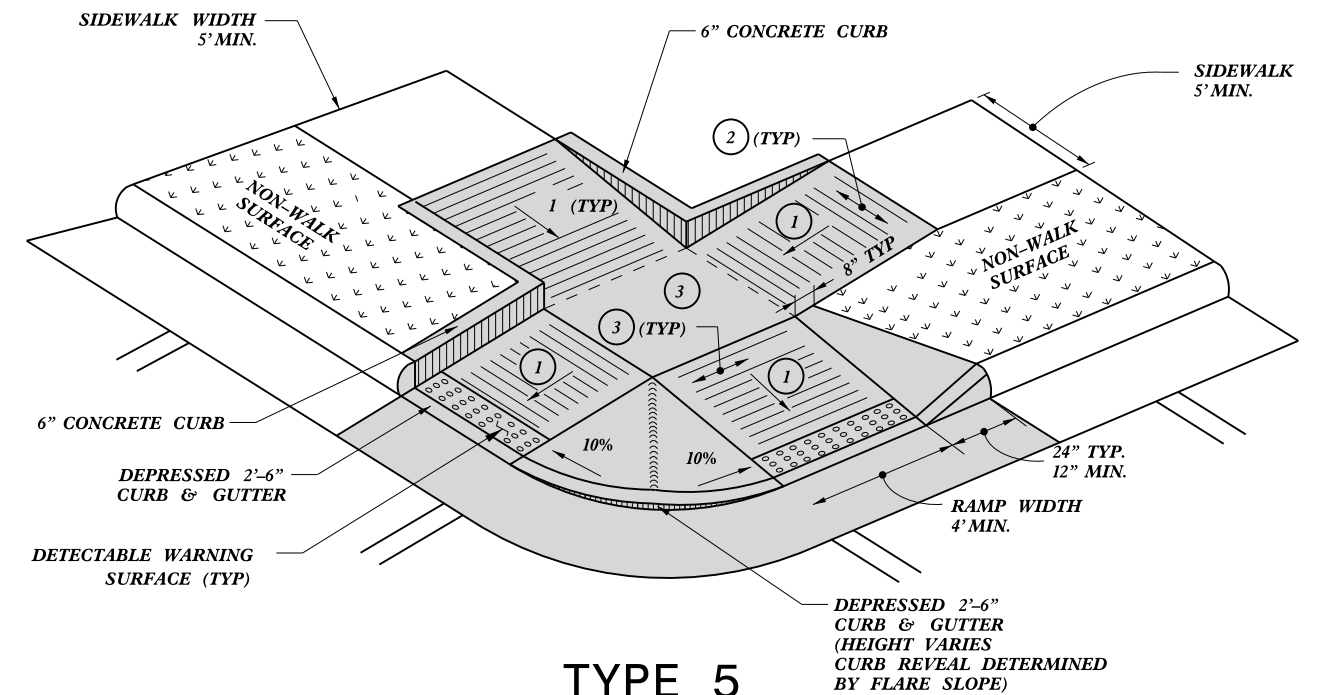


TYPE 4



TYPE 4A

PAY LIMITS FOR CURB RAMP



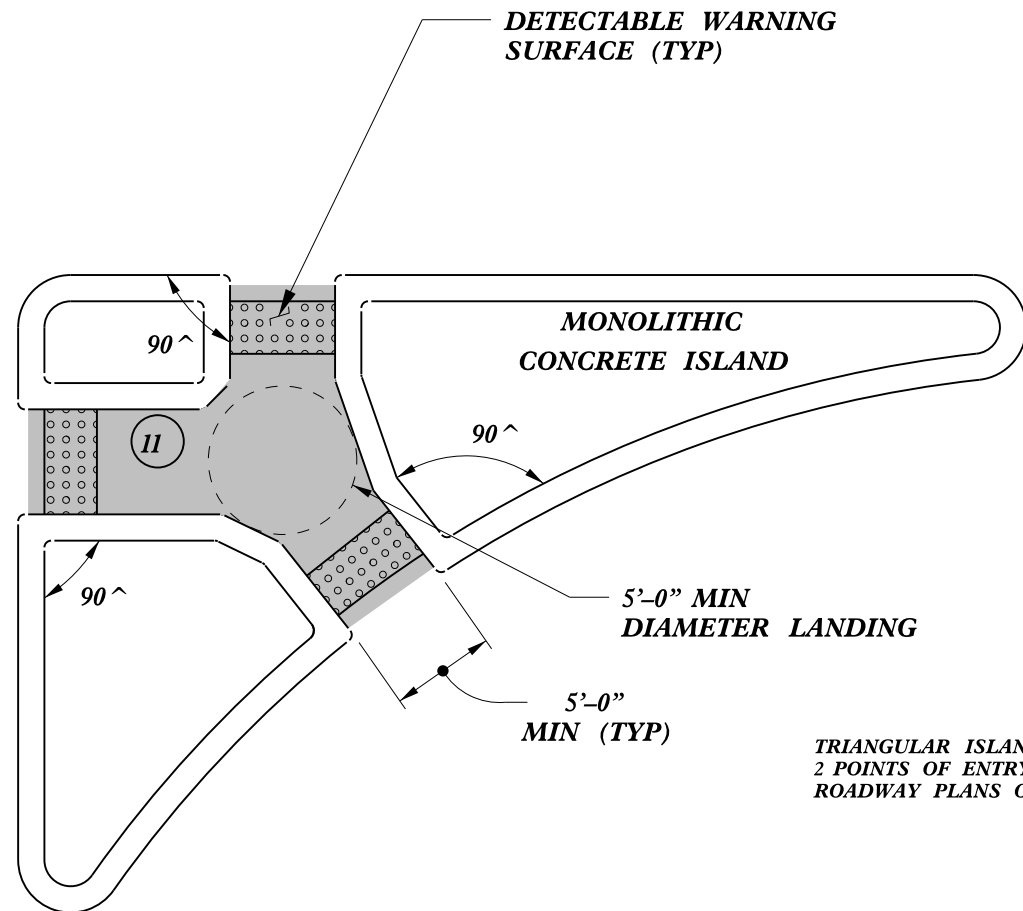
TYPE 5

- 1 8.33% (12:1) MAX RAMP SLOPE
- 2 CROSS SLOPE: 2.00%
- 3 CURB RAMPS REQUIRE A (4'-0") MINIMUM LANDING WITH A MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 2.00% WHERE PEDESTRIANS PERFORM TURNING MANEUVERS. SLOPE TO DRAIN TO CURB.

CONTRACT STANDARDS AND DEVELOPMENT UNIT	
Office 919-707-6950	FAX 919-250-4119
CURB RAMPS	
Shared Landing	
ORIGINAL BY: J.S. HOWERTON	DATE: 7/7/11
MODIFIED BY:	DATE:
CHECKED BY:	DATE:
FILE SPEC: stds/2012CurbRamp/CurbRampDetails.dgn	

REFER TO ROADWAY STANDARD DRAWING NUMBER 848.05 SHEET 3 OF 3 FOR ALL RAMP NOTES

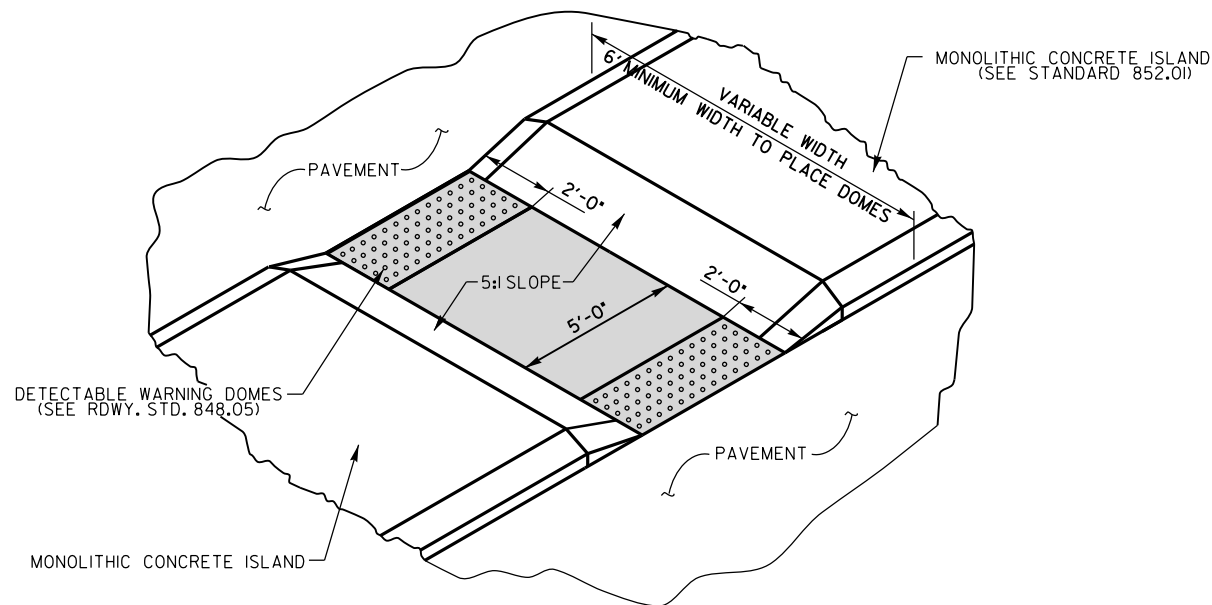
5/14/99



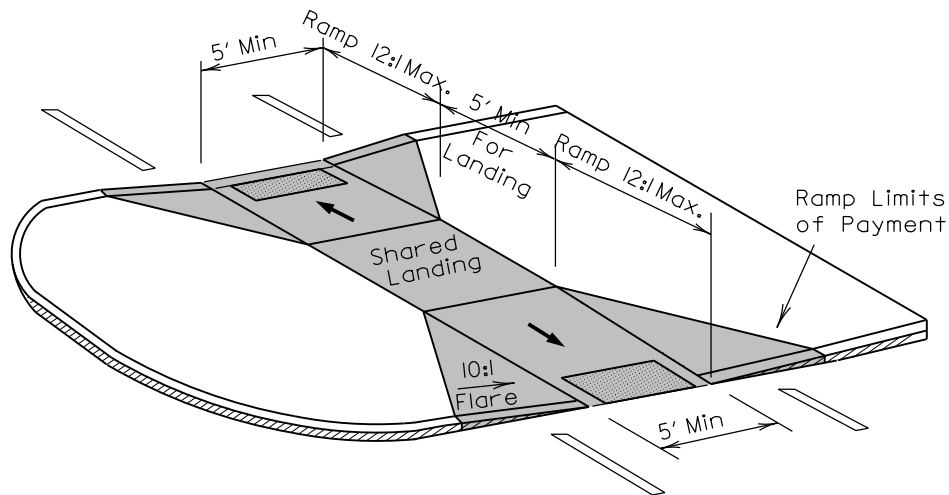
PAY LIMITS FOR 1 CURB RAMP

TRIANGULAR ISLANDS MAY BE CONSTRUCTED WITH ONLY 2 POINTS OF ENTRY AND EXIT AS SHOWN IN THE ROADWAY PLANS OR AS DIRECTED BY THE ENGINEER.

TRIANGULAR ISLAND WITH CUT THROUGH



MEDIAN ISLAND WITH CUT THROUGH



MEDIAN ISLAND CURB RAMPS

CONTRACT STANDARDS
AND DEVELOPMENT UNIT
Office 919-707-6950 FAX 919-250-4119

CURB RAMPS

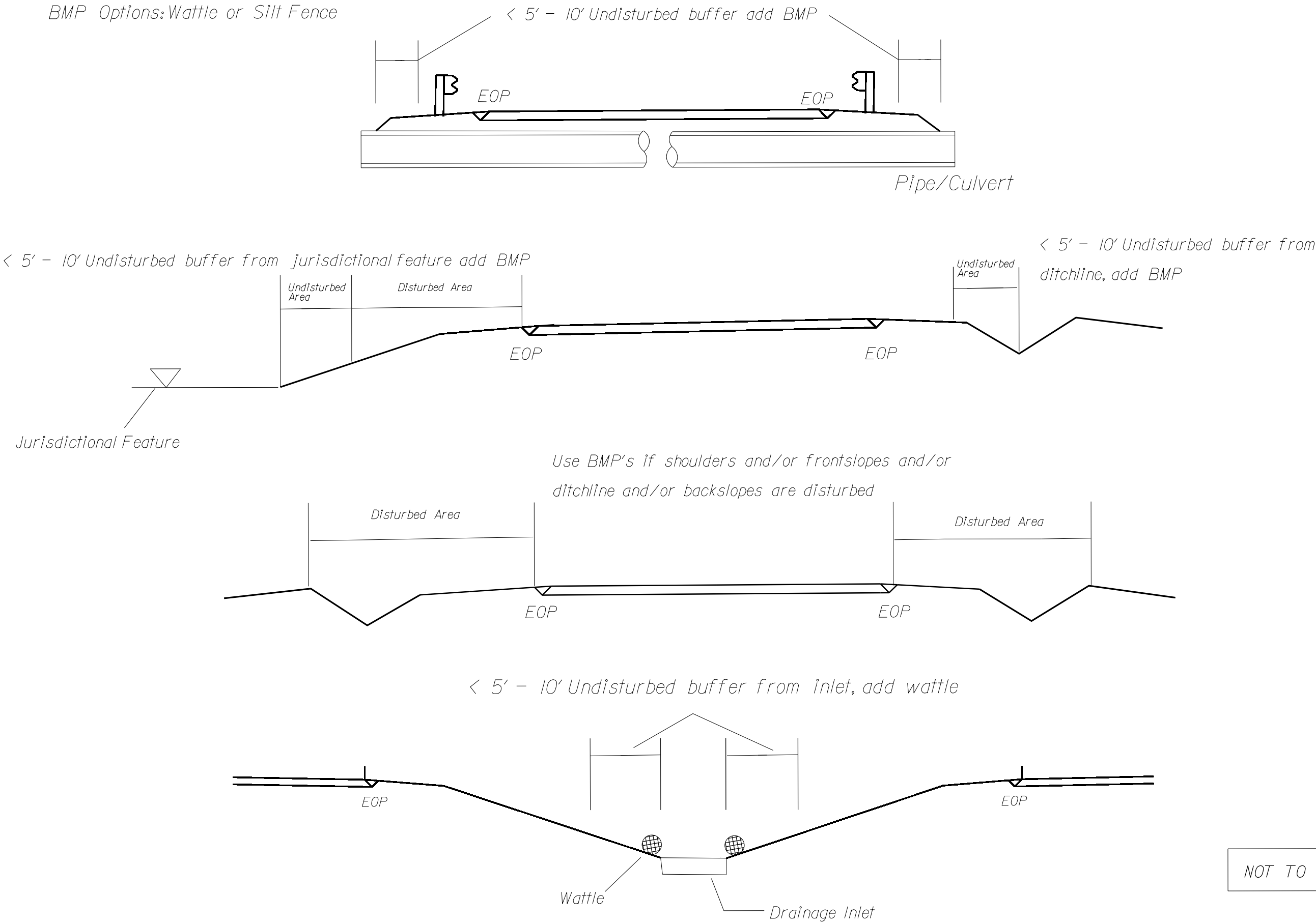
Median or Turn Lane Islands

ORIGINAL BY: J.S. HOWERTON DATE: 7/7/11
MODIFIED BY: DATE:
CHECKED BY: DATE:
FILE SPEC: stds/2012CurbRamp/CurbRampDetails.dwg

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

BMP Options: Wattle or Silt Fence

EROSION CONTROL DETAIL



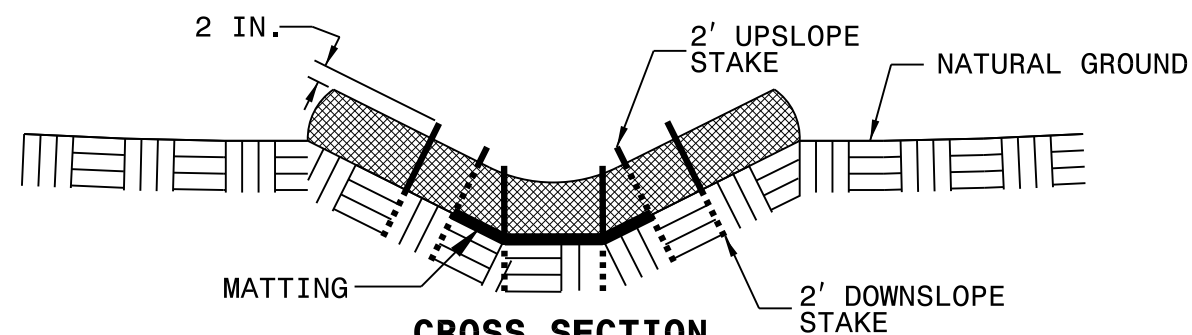
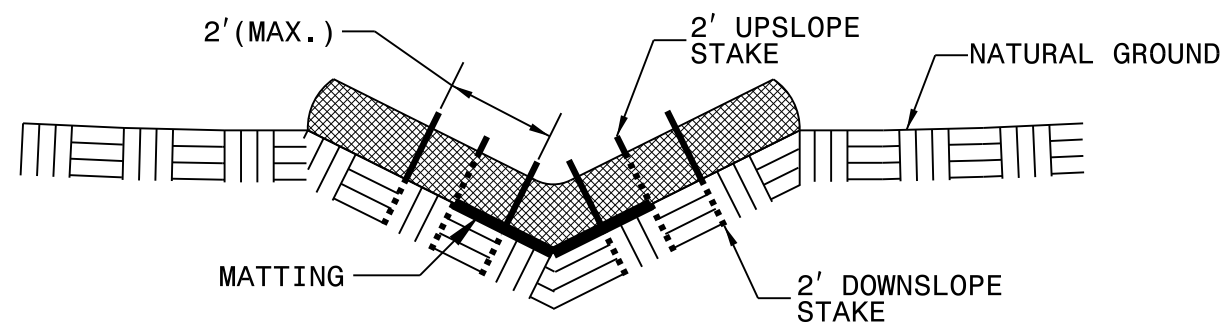
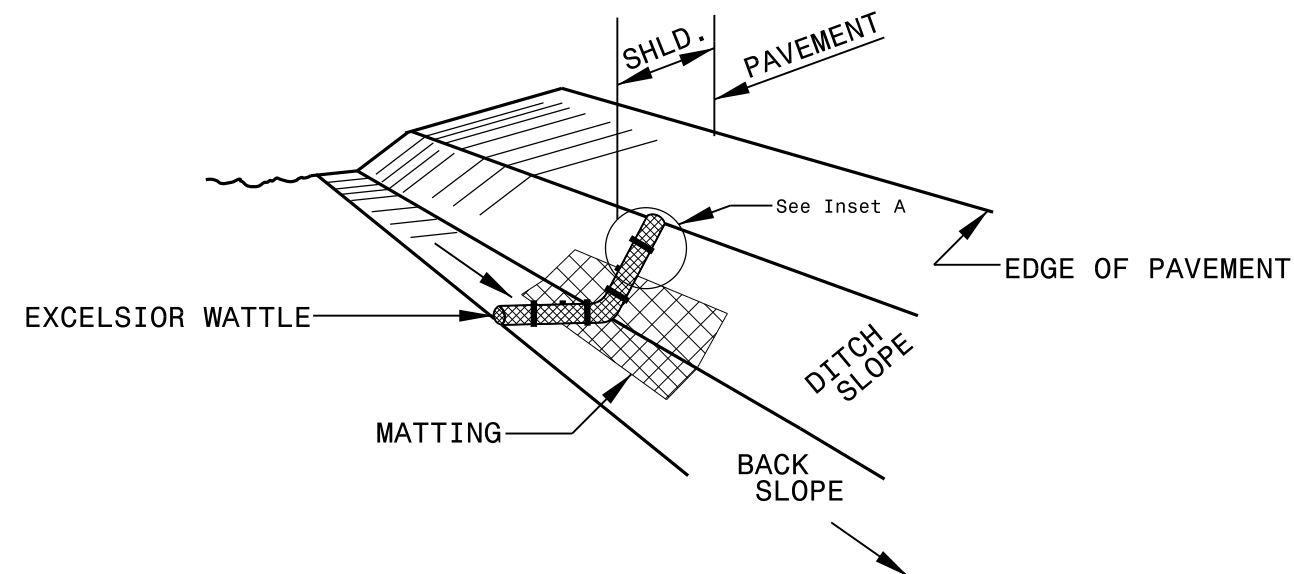
NOT TO SCALE

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

SOIL STABILIZATION TIMEFRAMES

SITE DESCRIPTION	STABILIZATION TIME	TIMEFRAME EXCEPTIONS
PERIMETER DIKES, SWALES, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER (HQW) ZONES	7 DAYS	NONE
SLOPES STEEPER THAN 3:1	7 DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED.
SLOPES 3:1 OR FLATTER	14 DAYS	7 DAYS FOR SLOPES GREATER THAN 50' IN LENGTH.
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	NONE, EXCEPT FOR PERIMETERS AND HQW ZONES.

WATTLE DETAIL



NOTES:

USE MINIMUM 12 IN. DIAMETER EXCELSIOR WATTLE.

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

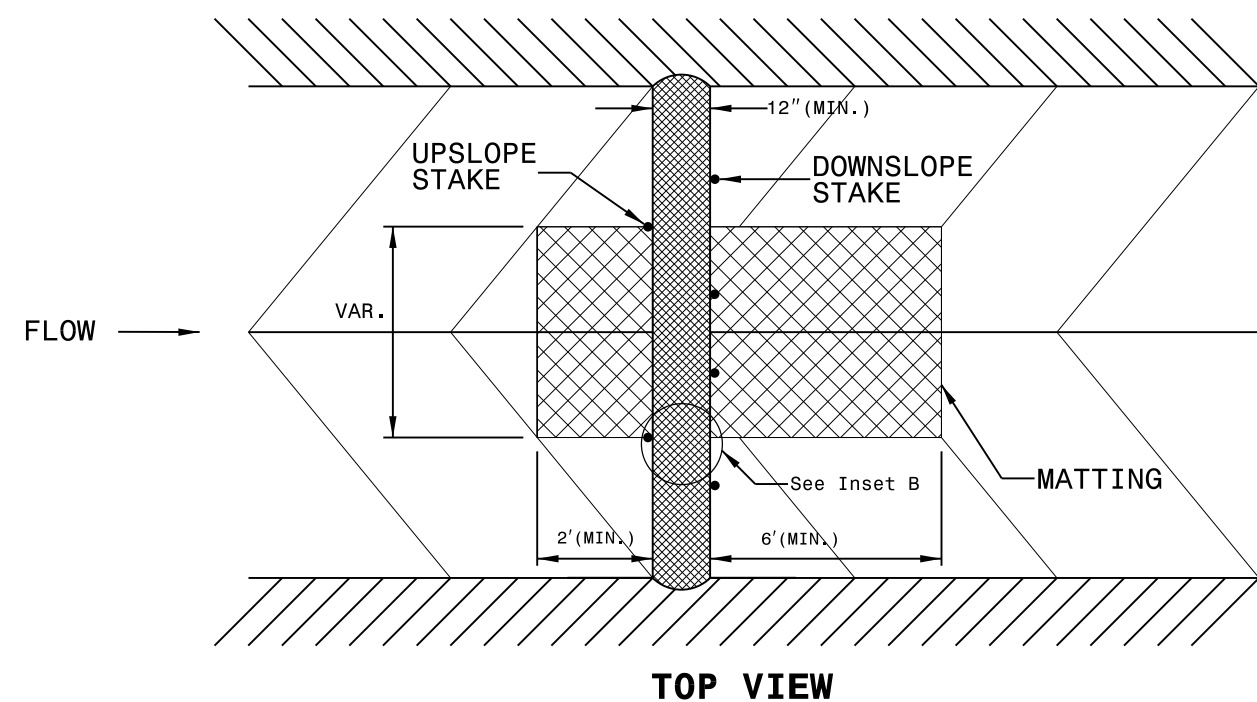
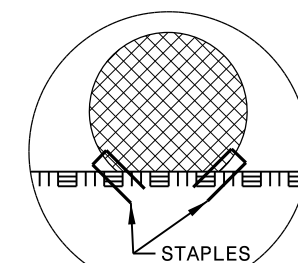
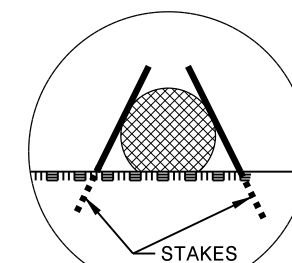
ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.

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.



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

1-12

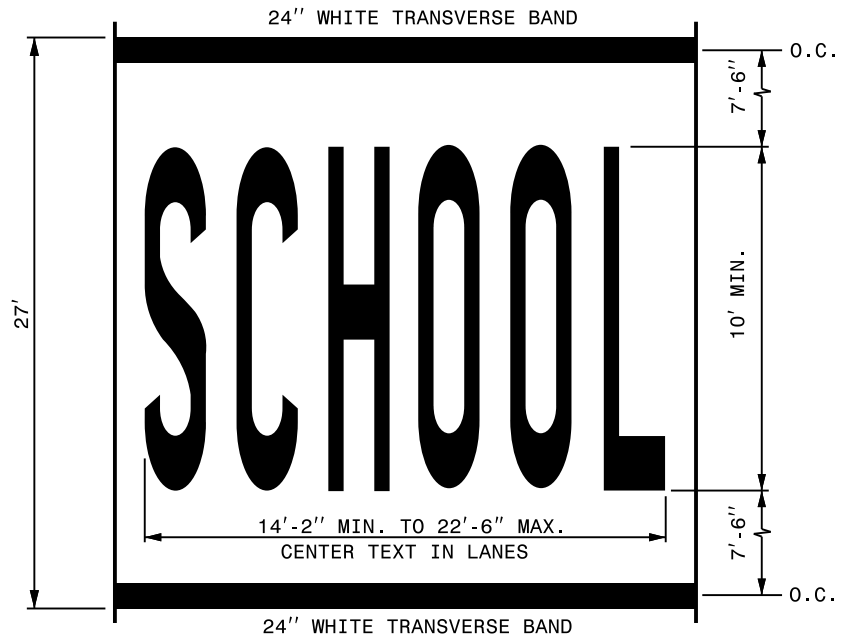
ENGLISH DETAIL DRAWING FOR
PAVEMENT MARKINGS
SYMBOLS AND WORD MESSAGES

REVISED
9/14/11

SHEET 3 OF 8

1205D08

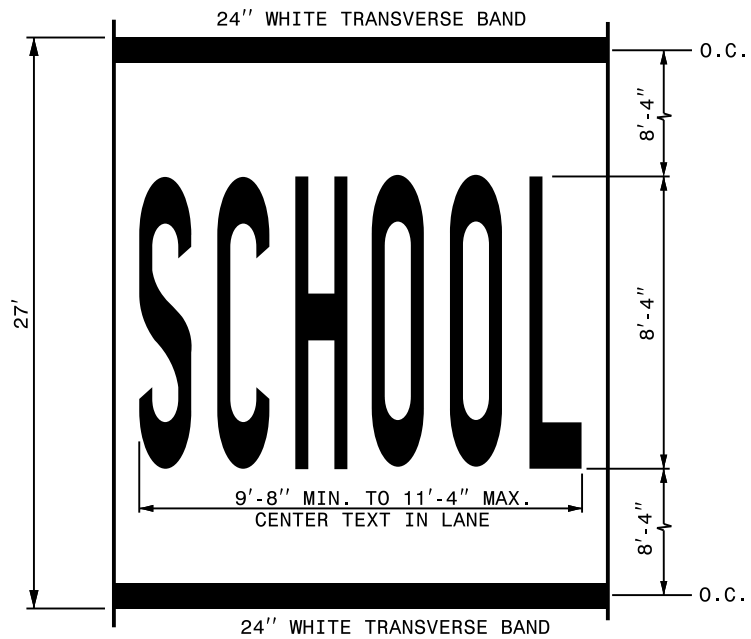
MULTI-LANE WIDTH "SCHOOL"



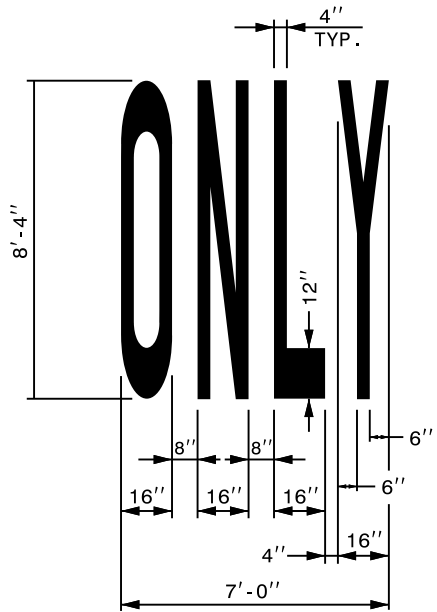
LETTER HEIGHT = 10' MIN.
LETTER WIDTH = 20"
SPACING = 10" MIN./30" MAX. (USE EQUAL SPACING BETWEEN LETTERS)

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

SINGLE LANE WIDTH "SCHOOL"



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.

1-12

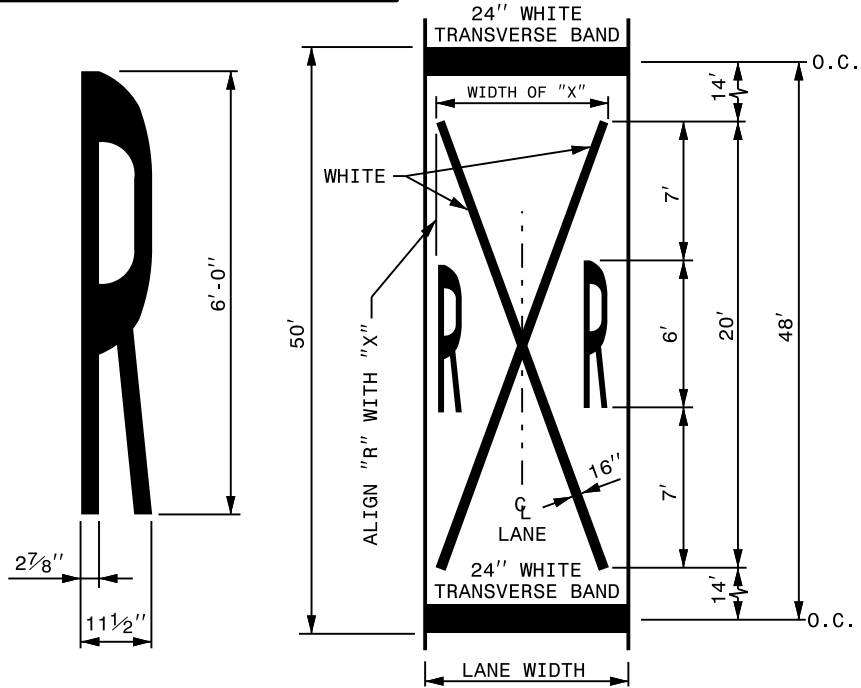
ENGLISH DETAIL DRAWING FOR
PAVEMENT MARKINGS
SYMBOLS AND WORD MESSAGES

REVISED
9/14/11

SHEET 3 OF 8

1205D08

RAILROAD RXR SYMBOL



LANE WIDTH (FEET)	WIDTH OF "X" (FEET)
8' ≤ W ≤ 9'	7'
9' < W ≤ 12'	8'
W > 12'	10'

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 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.

CONTRACT STANDARDS
AND DEVELOPMENT UNIT
Office 919-707-6950 FAX 919-250-4119

SEE TITLE BLOCK

ORIGINAL BY: J. HOWERTON DATE: 10/5/11
MODIFIED BY: DATE:
CHECKED BY: DATE:
FILE SPEC.: s:\oel\12 Stds to Special Details\560d01

PROJECT NO.	SHEET NO.
2017CPT.03.07.20651, ETC..	22

SUMMARY OF QUANTITIES

PROJECT	COUNTY	MAP	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	BORROW EXC.	INC. STONE BASE	SHOULDER RECONST.	1" - 1.5" MILLING	INC. MILLING	BASE COURSE, B25.0B	SURFACE COURSE, S9.5B	SURFACE COURSE, SF9.5A	SURFACE COURSE, S4.75A	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT (MILL) GENERIC	8" X 12" CONCRETE CURB	CONCRETE CURB RAMP	6" CONCRETE DRIVEWAY (GENERIC)	REMOVE AND REPLACE 4" CONCRETE SIDEWALK	REMOVE & REPLACE 2'-6" CURB & GUTTER (GENERIC)	REMOVE 8" X 6" CONCRETE CURB (GENERIC)
NO		NO			NO					MI	FT	CY	TONS	SMI	SY	SY	TONS	TONS	TONS	TON	TON	TON	LF	EA	SY	SY	LF	LF
2017CPT.03.07.20651	NewHanover	1	SR 1324 (SHERIDAN DR.)	FROM NC 133 TO SR 1325, (MP 0.00 TO MP 0.150)	1	2	2WU	NO	NO	0.15	18					90			110		7							
TOTAL FOR MAP NO. 1										0.15						90			110		7							
2017CPT.03.07.20651	NewHanover	2	SR 1325 (LONG LEAF DR.)	FROM SR 1326 TO SR 1358, (MP 0.00 TO MP 0.490)	1	2	2WU	NO	NO	0.49	18								358		24							
TOTAL FOR MAP NO. 2										0.49									358		24							
2017CPT.03.07.20651	NewHanover	3	SR 1326 (LAUREL DR.)	FROM SR 1358 TO DEAD END,(MP 0.00 TO MP 0.470)	1	2	2WU	NO	NO	0.47	18								343		23							
TOTAL FOR MAP NO. 3										0.47									343		23							
2017CPT.03.07.20651	NewHanover	4	SR 1332 (CHAIR RD.)	FROM NC 133 TO PVMT JOINT 0.896 WEST FO NC133, (MP 0.00 TO MP 0.896)	2	2	2WU	NO	NO	0.896	23	83	22	1.79		270			1,003		67							
TOTAL FOR MAP NO. 4										0.896		83	22	1.79		270			1,003		67							
2017CPT.03.07.20651	NewHanover	5	SR 1382 (GARDEN PLACE DR.)	FROM NC 132 TO SR 1387 (MP 0.00 TO MP 0.190)	1	2	2WU	NO	NO	0.19	20		5			111			180		12							
TOTAL FOR MAP NO. 5										0.19			5			111			180		12							
2017CPT.03.07.20651	NewHanover	6	SR 1383 (WEDGEWOOD RD.)	FROM SR 1382 TO DEAD END, (MP 0.00 TO MP 0.09)	1	2	2WU	NO	NO	0.09	20		2						73		5							
TOTAL FOR MAP NO. 6										0.09			2						73		5							
2017CPT.03.07.20651	NewHanover	7	SR 1387 (HYACINTH AVE.)	FROM SR 1382 TO DEAD END,(MP 0.00 TO MP 0.110)	1	2	2WU	NO	NO	0.11	20		3						89		6							
TOTAL FOR MAP NO. 7										0.11			3						89		6							
2017CPT.03.07.20651	NewHanover	8	SR 1668 (BALSAM DR.)	FROM SR 1667 TO SR 1668, (MP 0.00 TO MP 0.167)	1	2	2WU	NO	NO	0.167	20		4						135		9							
TOTAL FOR MAP NO. 8										0.167			4						135		9							
2017CPT.03.07.20651	NewHanover	9	SR 1669 (DARLEY LN.)	FROM SR 1667 TO SR 1686,(MP 0.00 TO MP 0.120)	1	2	2WU	NO	NO	0.12	20		3						97		7							
TOTAL FOR MAP NO. 9										0.12			3						97		7							
2017CPT.03.07.20651	NewHanover	10	SR 1686 (ROYAL OAK DR.)	FROM SR 1492 TO SR 1687 (MP 0.00 TO MP 0.23)	1	2	2WU	NO	NO	0.23	20		6			100			186		12							
TOTAL FOR MAP NO. 10										0.23			6			100			186		12							
2017CPT.03.07.20651	NewHanover	11	SR 2071 (ARLENE DR.)	FROM NC 133 TO END OF MAINTENANCE, (MP 0.00 TO MP 0.320)	2	2	2WU	NO	NO	0.32	20		8			93			310		21							
TOTAL FOR MAP NO. 11										0.32			8			93			310		21							
2017CPT.03.07.20651	NewHanover	12	SR 2181 (BLUE CLAY RD./ DAIRY FARM RD.)	FROM SR 1002 TO SR 1336 (MP 0.00 TO MP 2.145	1, 3	2	2WU	NO	NO	2.145	18 -22	198	51	4.29		186	1,037		1,929		175				4			
TOTAL FOR MAP NO. 12										2.145		198	51	4.29		186	1,037		1,929		175				4			
2017CPT.03.07.20651	NewHanover	13	SR 2199 (CREEKSTONE LN.)	FROM SR 1335 TO END MAINTENANCE, (MP 0.00 TO MP 0.26)	2	2	2WU	NO	NO	0.26	20					128			253		17							
TOTAL FOR MAP NO. 13										0.26						128			253		17							
2017CPT.03.07.20651	NewHanover	14	SR 2200 (PLUM TREE LANE)	FROM SR 2199 TO END OF MAINTENACE, (MP 0.00 TO MP 0.23)	2	2	2WU	NO	NO	0.23	20								224		15							
TOTAL FOR MAP NO. 14										0.23									224		15							
2017CPT.03.07.20651	NewHanover	15	SR 2501 (ACCESS RD. AT MONKEY JCT.)	FROM US 421 TO US 421 (MP 0.00 TO MP 0.51)	2	2	2WU	NO	NO	0.51	26	52	12	1.02		142			721		48							
TOTAL FOR MAP NO. 15										0.51		52	12	1.02		142			721		48							
2017CPT.03.07.20651	NewHanover	16	SR 1322 (MURRAYVILLE RD.)	FROM SR 2234 TO SR 2691, (MP 4.49 TO MP 5.438)	2, 3	2	2WU	NO	NO	0.948	24	88	22	1.88		86	570		1,308		113				4			
TOTAL FOR MAP NO. 16										0.948		88	22	1.88		86	570		1,308		113				4			
2017CPT.03.07.20651	NewHanover	17	SR 2313 (WILSHIRE BLVD.)	FROM 0.02 MI. WEST OF SR 1175 (KERR AVE.) TO 75 FEET EAST OF ROSEMONT AVE, (MP 0.13 TO 1.110)	6, 7, 8	2 - 3	2WU	NO	NO	0.98	20 - 44	75	20	1.63	15,019			1,261			76			1		10	20	
TOTAL FOR MAP NO. 17										0.98		75	20	1.63	15,019			1,261			76			1		10	20	
2017CPT.03.07.20651	NewHanover	18	SR 1400 (FUTCH CREEK RD/CHAMP DAVIS RD.)	FROM 0.01 MI.SOUTH OF SR 2845 (MARKET ST.) TO SR 1491 (PORTERS NECK RD.) MP 0.419 - MP 1.785	2	2	2WU	NO	NO	1.366	22		3			140			1,536		103	10						
TOTAL FOR MAP NO. 18										1.366			3			140			1,536		103	10						
2017CPT.03.07.20651	NewHanover	19	SR 2652 (NORTHCHASE PKWY. NE)	FROM US 117 TO CUL-DE-SAC (MP 0.00 TO MP 0.429)	4	2 - 3	2WU	NO	NO	0.429	24 - 36				986				604		40		100					100
TOTAL FOR MAP NO. 19										0.429					986				604		40		100					100
2017CPT.03.07.20651	NewHanover	20	W. SALISBURY ST. PARKING AREAS	FROM NHC BRIDGE NO. 24 TO PAVEMENT SEAM 0.053 MI. NW OF N. LUMINA AVE. IN WRIGHTSVILLE BEACH	NA	1		NO	NO	0.193	33.5				3,892	55			327		22	10		2				
TOTAL FOR MAP NO. 20										0.193					3,892	55			327		22	10		2				
TOTAL FOR PROJ NO. 2017CPT.03.07.20651										10.294		496	161	10.61	19,897	1,401	1,607	1,261	9,786		802	20	100	3	8	10	20	100

PROJECT NO.	SHEET NO.
2017CPT.03.07.20651, ETC.	23

SUMMARY OF QUANTITIES

PROJECT	COUNTY	MAP	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	BORROW EXC.	INC. STONE BASE	SHOULDER RECONST.	1" - 1.5" MILLING	INC. MILLING	BASE COURSE, B25.0B	SURFACE COURSE, S9.5B	SURFACE COURSE, SF9.5A	SURFACE COURSE, S4.75A	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT (MILL) GENERIC	8" X 12" CONCRETE CURB	CONCRETE CURB RAMP	6" CONCRETE DRIVEWAY (GENERIC)	REMOVE AND REPLACE 4" CONCRETE SIDEWALK	REMOVE & REPLACE 2'-6" CURB & GUTTER (GENERIC)	REMOVE 8" X 6" CONCRETE CURB (GENERIC)
NO		NO			NO					MI	FT	CY	TONS	SMI	SY	SY	TONS	TONS	TONS	TON	TON	TON	LF	EA	SY	SY	LF	LF
2017CPT.03.07.20652	NewHanover	21	SR 2340 (CHAPRA DR.)	FROM BEGIN C & G TO SR 2571, (MP 0.44 TO 0.63)	5	2	2WU	NO	NO	0.188	24									112	8							
TOTAL FOR MAP NO. 21										0.188										112	8							
2017CPT.03.07.20652	NewHanover	22	SR 2572 (TOLLINGTON DR.)	FROM SR 2571 TO CUL DE SAC, (MP 0.00 TO MP 0.29)	5	2	2WU	NO	NO	0.291	24									174	12							
TOTAL FOR MAP NO. 22										0.291										174	12							
2017CPT.03.07.20652	NewHanover	23	SR 2790 (CHADSFORD CT.)	FROM SR 2571 TO CUL DE SAC,(MP 0.00 TO MP 0.04)	5	2	2WU	NO	NO	0.039	18									18	1							
TOTAL FOR MAP NO. 23										0.039										18	1							
2017CPT.03.07.20652	NewHanover	24	SR 2791 (GAINESFORD CT.)	FROM SR 2571 TO CUL DE SAC, (MP 0.00 TO MP 0.04)	5	2	2WU	NO	NO	0.035	18									16	1							
TOTAL FOR MAP NO. 24										0.035										16	1							
2017CPT.03.07.20652	NewHanover	25	SR 2792 (LAWTHER CT.)	FROM SR 2571 TO CUL DE SAC, (MP 0.00 TO MP 0.02)	5	2	2WU	NO	NO	0.018	18									8	1							
TOTAL FOR MAP NO. 25										0.018										8	1							
2017CPT.03.07.20652	NewHanover	26	SR 2793 (THURSLEY RD.)	FROM SR 2340 TO SR 2571,(MP 0.00 TO MP 0.20)	5	2	2WU	NO	NO	0.2	24									120	8							
TOTAL FOR MAP NO. 26										0.2										120	8							
2017CPT.03.07.20652	NewHanover	27	SR 2794 (DARTRIDGE CT.)	FROM SR 2572 TO CUL DE SAC, (MP 0.00 TO MP 0.03)	5	2	2WU	NO	NO	0.03	18									13	1							
TOTAL FOR MAP NO. 27										0.03										13	1							
2017CPT.03.07.20652	NewHanover	28	SR 2795 (WINFORDE RD.)	FROM SR 2571 TO SR 2572, (MP 0.00 TO MP 0.21)	5	2	2WU	NO	NO	0.208	30									155	11							
TOTAL FOR MAP NO. 28										0.208										155	11							
2017CPT.03.07.20652	NewHanover	29	SR 2796 (BEAUMONT CT.)	FROM SR 2795 TO CUL DE SAC, (MP 0.00 TO MP 0.05)	5	2	2WU	NO	NO	0.048	30									36	3							
TOTAL FOR MAP NO. 29										0.048										36	3							
2017CPT.03.07.20652	NewHanover	30	SR 2797 (CLAIRIDGE DR.)	SR 2795 TO SR 2798, (MP 0.00 TO MP 0.10)	5	2	2WU	NO	NO	0.1	22									55	4							
TOTAL FOR MAP NO. 30										0.1										55	4							
2017CPT.03.07.20652	NewHanover	31	SR 2798 (AFTONSHIRE DR.)	FROM SR 2799 TO CUL DE SAC, (MP 0.00 TO MP 0.33)	5	2	2WU	NO	NO	0.333	22									183	13							
TOTAL FOR MAP NO. 31										0.333										183	13							
2017CPT.03.07.20652	NewHanover	32	SR 2799 (BRASCOTE LN.)	FROM SR 2571 TO SR 2798,(MP 0.00 TO MP 0.18)	5	2	2WU	NO	NO	0.175	30									131	9							
TOTAL FOR MAP NO. 32										0.175										131	9							
2017CPT.03.07.20652	NewHanover	33	SR 2564 (GERBE CT.)	FROM SR 1796 TO SR 1769, (MP 0.00 TO MP 0.026)	9	2	2WU	NO	NO	0.026	16									21	1							
TOTAL FOR MAP NO. 33										0.026										21	1							
2017CPT.03.07.20652	NewHanover	34	SR 1499 (JEANELLE MOORE)	FROM SR 1400 TO END OF MAINTENANCE, (MP 0.00 TO MP 0.090)	10	2	2WU	NO	NO	0.093	20									46	3							
TOTAL FOR MAP NO. 34										0.093										46	3							
2017CPT.03.07.20652	NewHanover	35	SR 1542 (BATTLE ACRE RD.)	FROM US 421 TO US 421, (MP 0.00 TO MP 0.230)	10	2		NO	NO	0.225	20									112	8							
TOTAL FOR MAP NO. 35										0.225										112	8							
TOTAL FOR PROJ NO. 2017CPT.03.07.20652										2.009										1,200	84							
GRAND TOTAL										12.303		496	161	10.61	19,897	1,401	1,607	1,261	9,786	1,200	886	20	100	3	8	10	20	100

PROJECT NO.	SHEET NO.
2017CPT.03.07.20651, ETC..	24

SUMMARY OF QUANTITIES

PROJECT	COUNTY	MAP	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	ADJ. OF MON (GENERIC)	REMOVE & REPLACE CURB RAMPS (GENERIC)	ADJ. OF MANHOLES	ADJ. OF METER OR VALVE BOX	TEMP. SILT FENCE	STONE FOR EC CLASS B	SEDIMENT CONTROL STONE	TEMP. MULCHING	SEED FOR TEMP. SEEDING	FERTILIZER FOR TEMP. SEEDING	MATTING FOR EROSION CONTROL	1/4" HARDWARE CLOTH	WATTLE	SEED & MULCHING	SEED FOR REPAIR SEEDING	FERTILIZER FOR REPAIR SEEDING	RESPONSE FOR EROSION CONTROL	INDUCTIVE LOOP SAWCUT	LEAD-IN CABLE (14-2)
NO		NO			NO				EA	EA	EA	EA	LF	TON	TON	ACR	LBS	TON	SY	LF	LF	AC	LB	TON	EA	LF	LF
2017CPT.03.07.20651	NewHanover	1	SR 1324 (SHERIDAN DR.)	FROM NC 133 TO SR 1325, (MP 0.00 TO MP 0.150)	1	2	2WU	NO																			
TOTAL FOR MAP NO. 1																											
2017CPT.03.07.20651	NewHanover	2	SR 1325 (LONG LEAF DR.)	FROM SR 1326 TO SR 1358, (MP 0.00 TO MP 0.490)	1	2	2WU	NO																			
TOTAL FOR MAP NO. 2																											
2017CPT.03.07.20651	NewHanover	3	SR 1326 (LAUREL DR.)	FROM SR 1358 TO DEAD END,(MP 0.00 TO MP 0.470)	1	2	2WU	NO																			
TOTAL FOR MAP NO. 3																											
2017CPT.03.07.20651	NewHanover	4	SR 1332 (CHAIR RD.)	FROM NC 133 TO PVMT JOINT 0.896 WEST FO NC133, (MP 0.00 TO MP 0.896)	1	2	2WU	NO					90	22	22	0.90	44	0.22	10	44	20	0.65	44	0.22			
TOTAL FOR MAP NO. 4													90	22	22	0.90	44	0.22	10	44	20	0.65	44	0.22			
2017CPT.03.07.20651	NewHanover	5	SR 1382 (GARDEN PLACE DR.)	FROM NC 132 TO SR 1387 (MP 0.00 TO MP 0.190)	1	2	2WU	NO																			
TOTAL FOR MAP NO. 5																											
2017CPT.03.07.20651	NewHanover	6	SR 1383 (WEDGEWOOD RD.)	FROM SR 1382 TO DEAD END, (MP 0.00 TO MP 0.09)	1	2	2WU	NO																			
TOTAL FOR MAP NO. 6																											
2017CPT.03.07.20651	NewHanover	7	SR 1387 (HYACINTH AVE.)	FROM SR 1382 TO DEAD END,(MP 0.00 TO MP 0.110)	1	2	2WU	NO																			
TOTAL FOR MAP NO. 7																											
2017CPT.03.07.20651	NewHanover	8	SR 1668 (BALSAM DR.)	FROM SR 1667 TO SR 1668, (MP 0.00 TO MP 0.167)	1	2	2WU	NO																			
TOTAL FOR MAP NO. 8																											
2017CPT.03.07.20651	NewHanover	9	SR 1669 (DARLEY LN.)	FROM SR 1667 TO SR 1686,(MP 0.00 TO MP 0.120)	1	2	2WU	NO																			
TOTAL FOR MAP NO. 9																											
2017CPT.03.07.20651	NewHanover	10	SR 1686 (ROYAL OAK DR.)	FROM SR 1492 TO SR 1687 (MP 0.00 TO MP 0.23)	1	2	2WU	NO	4																		
TOTAL FOR MAP NO. 10									4																		
2017CPT.03.07.20651	NewHanover	11	SR 2071 (ARLENE DR.)	FROM NC 133 TO END OF MAINTENANCE, (MP 0.00 TO MP 0.320	2	2	2WU	NO																			
TOTAL FOR MAP NO. 11																											
2017CPT.03.07.20651	NewHanover	12	SR 2181 (BLUE CLAY RD./ DAIRY FARM RD.)	FROM SR 1002 TO SR 1336 (MP 0.00 TO MP 2.145	1, 3	2	2WU	NO					214	54	54	2.14	107	0.53	20	107	40	1.56	107	0.53	1		
TOTAL FOR MAP NO. 12													214	54	54	2.14	107	0.53	20	107	40	1.56	107	0.53	1		
2017CPT.03.07.20651	NewHanover	13	SR 2199 (CREEKSTONE LN.)	FROM SR 1335 TO END MAINTENANCE, (MP 0.00 TO MP 0.26)	2	2	2WU	NO																			
TOTAL FOR MAP NO. 13																											
2017CPT.03.07.20651	NewHanover	14	SR 2200 (PLUM TREE LANE)	FROM SR 2199 TO END OF MAINTENACE, (MP 0.00 TO MP 0.23)	2	2	2WU	NO																			
TOTAL FOR MAP NO. 14																											
2017CPT.03.07.20651	NewHanover	15	SR 2501 (ACCESS RD. AT MONKEY JCT.)	FROM US 421 TO US 421 (MP 0.00 TO MP 0.51)	2	2	2WU	NO					50	13	13	0.50	25	0.13	10	25	10	0.36	25	0.12			
TOTAL FOR MAP NO. 15													50	13	13	0.50	25	0.13	10	25	10	0.36	25	0.12			
2017CPT.03.07.20651	NewHanover	16	SR 1322 (MURRAYVILLE RD.)	FROM SR 2234 TO SR 2691, (MP 4.49 TO MP 5.438)	2, 3	2	2WU	NO	6		5		95	23	23	0.94	47	0.23	10	47	20	0.69	47	0.23	1		
TOTAL FOR MAP NO. 16									6		5		95	23	23	0.94	47	0.23	10	47	20	0.69	47	0.23	1		
2017CPT.03.07.20651	NewHanover	17	SR 2313 (WILSHIRE BLVD.)	FROM 0.02 MI. WEST OF SR 1175 (KERR AVE.) TO 75 FEET EAST OF ROSEMONT AVE, (MP 0.13 TO 1.110)	6, 7, 8	2 - 3	2WU	NO	1	4	11	7	82	20	20	0.82	41	0.20	10	41	20	0.59	41	0.20	1		
TOTAL FOR MAP NO. 17									1	4	11	7	82	20	20	0.82	41	0.20	10	41	20	0.59	41	0.20	1		
2017CPT.03.07.20651	NewHanover	18	SR 1400 (FUTCH CREEK RD/CHAMP DAVIS RD.)	FROM 0.01 MI.SOUTH OF SR 2845 (MARKET ST.) TO SR 1491 (PORTERS NECK RD.) MP 0.419 - MP 1.785	2	2	2WU	NO																			
TOTAL FOR MAP NO. 18																											
2017CPT.03.07.20651	NewHanover	19	SR 2652 (NORTHCHASE PKWY. NE)	FROM US 117 TO CUL-DE-SAC (MP 0.00 TO MP 0.429)	4	2 - 3	2WU	NO	8		8	5														350	50
TOTAL FOR MAP NO. 19									8		8	5														350	50
2017CPT.03.07.20651	NewHanover	20	W. SALISBURY ST. PARKING AREAS	FROM NHC BRIDGE NO. 24 TO PAVEMENT SEAM 0.053 MI. NW OF N. LUMINA AVE. IN WRIGHTSVILLE BEACH	NA	1		NO		1																	
TOTAL FOR MAP NO. 20										1																	
TOTAL FOR PROJ NO. 2017CPT.03.07.20651									19	5	24	12	531	132	132	5.30	264	1.31	60	264	110	3.85	264	1.30	3	350	50

PROJECT NO.	SHEET NO.
2017CPT.03.07.20651, ETC.	25

SUMMARY OF QUANTITIES

PROJECT	COUNTY	MAP	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	ADJ. OF MON (GENERIC)	REMOVE & REPLACE CURB RAMPS (GENERIC)	ADJ. OF MANHOLES	ADJ. OF METER OR VALVE BOX	TEMP. SILT FENCE	STONE FOR EC CLASS B	SEDIMENT CONTROL STONE	TEMP. MULCHING	SEED FOR TEMP. SEEDING	FERTILIZER FOR TEMP. SEEDING	MATTING FOR EROSION CONTROL	1/4" HARDWARE CLOTH	WATTLE	SEED & MULCHING	SEED FOR REPAIR SEEDING	FERTILIZER FOR REPAIR SEEDING	RESPONSE FOR EROSION CONTROL	INDUCTIVE LOOP SAWCUT	LEAD-IN CABLE (14-2)
NO		NO			NO				EA	EA	EA	EA	LF	TON	TON	ACR	LBS	TON	SY	LF	LF	AC	LB	TON	EA	LF	LF
2017CPT.03.07.20652	NewHanover	21	SR 2340 (CHAPRA DR.)	FROM BEGIN C & G TO SR 2571, (MP 0.44 TO 0.63)	5	2	2WU	NO	4		5																
TOTAL FOR MAP NO. 21									4		5																
2017CPT.03.07.20652	NewHanover	22	SR 2572 (TOLLINGTON DR.)	FROM SR 2571 TO CUL DE SAC, (MP 0.00 TO MP 0.29)	5	2	2WU	NO	3		7																
TOTAL FOR MAP NO. 22									3		7																
2017CPT.03.07.20652	NewHanover	23	SR 2790 (CHADSFORD CT.)	FROM SR 2571 TO CUL DE SAC,(MP 0.00 TO MP 0.04)	5	2	2WU	NO			1																
TOTAL FOR MAP NO. 23											1																
2017CPT.03.07.20652	NewHanover	24	SR 2791 (GAINESFORD CT.)	FROM SR 2571 TO CUL DE SAC, (MP 0.00 TO MP 0.04)	5	2	2WU	NO			1																
TOTAL FOR MAP NO. 24											1																
2017CPT.03.07.20652	NewHanover	25	SR 2792 (LAWTHER CT.)	FROM SR 2571 TO CUL DE SAC, (MP 0.00 TO MP 0.02)	5	2	2WU	NO																			
TOTAL FOR MAP NO. 25																											
2017CPT.03.07.20652	NewHanover	26	SR 2793 (THURSLEY RD.)	FROM SR 2340 TO SR 2571,(MP 0.00 TO MP 0.20)	5	2	2WU	NO	3		4																
TOTAL FOR MAP NO. 26									3		4																
2017CPT.03.07.20652	NewHanover	27	SR 2794 (DARTRIDGE CT.)	FROM SR 2572 TO CUL DE SAC, (MP 0.00 TO MP 0.03)	5	2	2WU	NO			1																
TOTAL FOR MAP NO. 27											1																
2017CPT.03.07.20652	NewHanover	28	SR 2795 (WINFORDE RD.)	FROM SR 2571 TO SR 2572, (MP 0.00 TO MP 0.21)	5	2	2WU	NO	3		4																
TOTAL FOR MAP NO. 28									3		4																
2017CPT.03.07.20652	NewHanover	29	SR 2796 (BEAUMONT CT.)	FROM SR 2795 TO CUL DE SAC, (MP 0.00 TO MP 0.05)	5	2	2WU	NO																			
TOTAL FOR MAP NO. 29																											
2017CPT.03.07.20652	NewHanover	30	SR 2797 (CLAIRIDGE DR.)	SR 2795 TO SR 2798, (MP 0.00 TO MP 0.10)	5	2	2WU	NO			1																
TOTAL FOR MAP NO. 30											1																
2017CPT.03.07.20652	NewHanover	31	SR 2798 (AFTONSHIRE DR.)	FROM SR 2799 TO CUL DE SAC, (MP 0.00 TO MP 0.33)	5	2	2WU	NO	3		4																
TOTAL FOR MAP NO. 31									3		4																
2017CPT.03.07.20652	NewHanover	32	SR 2799 (BRASCOTE LN.)	FROM SR 2571 TO SR 2798,(MP 0.00 TO MP 0.18)	5	2	2WU	NO	3		5																
TOTAL FOR MAP NO. 32									3		5																
2017CPT.03.07.20652	NewHanover	33	SR 2564 (GERBE CT.)	FROM SR 1796 TO SR 1769, (MP 0.00 TO MP 0.026)	9	2	2WU	NO																			
TOTAL FOR MAP NO. 33																											
2017CPT.03.07.20652	NewHanover	34	SR 1499 (JEANELLE MOORE)	FROM SR 1400 TO END OF MAINTENANCE, (MP 0.00 TO MP 0.090)	10	2	2WU	NO																			
TOTAL FOR MAP NO. 34																											
2017CPT.03.07.20652	NewHanover	35	SR 1542 (BATTLE ACRE RD.)	FROM US 421 TO US 421, (MP 0.00 TO MP 0.230)	10	2		NO																			
TOTAL FOR MAP NO. 35																											
TOTAL FOR PROJ NO. 2017CPT.03.07.20652									19		33																
GRAND TOTAL									38	5	57	12	531	132	132	5.30	264	1.31	60	264	110	3.85	264	1.30	3	350	50

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT	COUNTY	MAP	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	LENGTH	WIDTH	4413000000-E	4457000000-N	4510000000-N	4685000000-E	4686000000-E			4695000000-E		4700000000-E	4710000000-E	4725000000-E				
										WORK ZONE ADVANCE/GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL	LAW ENFORCEMENT	4" X 90 M WHITE THERMO	4" X 120 M YELLOW THERMO	4" X 120 M WHITE THERMO	8" X 90 M YELLOW THERMO	8" X 90 M WHITE THERMO	12" X 90 M YELLOW THERMO	24" X 120 M WHITE THERMO	THERMO LT ARROW 90 M	THERMO RT ARROW 90 M	THERMO STR & RT ARROW 90 M	THERMO STR ARROW 90 M	THERMO STR & LT ARROW 90 M	
NO		NO			NO					SF	LS	HR	LF	LF	LF	LF	LF	LF	EA	EA	EA	EA	EA		
2017CPT.03.07.20651	NewHanover	1	SR 1324 (SHERIDAN DR.)	FROM NC 133 TO SR 1325, (MP 0.00 TO MP 0.150)	1	2	2WU	0.15	18	32	0.01		1,614	1,188											
TOTAL FOR MAP NO. 1								0.15		32	0.01		1,614	1,188											
2017CPT.03.07.20651	NewHanover	2	SR 1325 (LONG LEAF DR.)	FROM SR 1326 TO SR 1358, (MP 0.00 TO MP 0.490)	1	2	2WU	0.49	18	32	0.04		5,272	3,880											
TOTAL FOR MAP NO. 2								0.49		32	0.04		5,272	3,880											
2017CPT.03.07.20651	NewHanover	3	SR 1326 (LAUREL DR.)	FROM SR 1358 TO DEAD END,(MP 0.00 TO MP 0.470)	1	2	2WU	0.47	18	32	0.04		4,964	3,723											
TOTAL FOR MAP NO. 3								0.47		32	0.04		4,964	3,723											
2017CPT.03.07.20651	NewHanover	4	SR 1332 (CHAIR RD.)	FROM NC 133 TO PVMT JOINT 0.896 WEST FO NC133, (MP 0.00 TO MP 0.896)	1	2	2WU	0.896	23	64	0.07		9,641	7,097	170			24	2	1					
TOTAL FOR MAP NO. 4								0.896		64	0.07		9,641	7,097	170			24	2	1					
2017CPT.03.07.20651	NewHanover	5	SR 1382 (GARDEN PLACE DR.)	FROM NC 132 TO SR 1387 (MP 0.00 TO MP 0.190)	1	2	2WU	0.19	20	32	0.01														
TOTAL FOR MAP NO. 5								0.19		32	0.01														
2017CPT.03.07.20651	NewHanover	6	SR 1383 (WEDGEWOOD RD.)	FROM SR 1382 TO DEAD END, (MP 0.00 TO MP 0.09)	1	2	2WU	0.09	20		0.01														
TOTAL FOR MAP NO. 6								0.09			0.01														
2017CPT.03.07.20651	NewHanover	7	SR 1387 (HYACINTH AVE.)	FROM SR 1382 TO DEAD END,(MP 0.00 TO MP 0.110)	1	2	2WU	0.11	20		0.01														
TOTAL FOR MAP NO. 7								0.11			0.01														
2017CPT.03.07.20651	NewHanover	8	SR 1668 (BALSAM DR.)	FROM SR 1667 TO SR 1668, (MP 0.00 TO MP 0.167)	1	2	2WU	0.167	20	32	0.01														
TOTAL FOR MAP NO. 8								0.167		32	0.01														
2017CPT.03.07.20651	NewHanover	9	SR 1669 (DARLEY LN.)	FROM SR 1667 TO SR 1686,(MP 0.00 TO MP 0.120)	1	2	2WU	0.12	20	32	0.01														
TOTAL FOR MAP NO. 9								0.12		32	0.01														
2017CPT.03.07.20651	NewHanover	10	SR 1686 (ROYAL OAK DR.)	FROM SR 1492 TO SR 1687 (MP 0.00 TO MP 0.23)	1	2	2WU	0.23	20	64	0.02														
TOTAL FOR MAP NO. 10								0.23		64	0.02														
2017CPT.03.07.20651	NewHanover	11	SR 2071 (ARLENE DR.)	FROM NC 133 TO END OF MAINTENANCE, (MP 0.00 TO MP 0.320)	2	2	2WU	0.32	20	32	0.02														
TOTAL FOR MAP NO. 11								0.32		32	0.02														
2017CPT.03.07.20651	NewHanover	12	SR 2181 (BLUE CLAY RD./ DAIRY FARM RD.)	FROM SR 1002 TO SR 1336 (MP 0.00 TO MP 2.145)	1, 3	2	2WU	2.145	18 - 22	240	0.17		22,652	16,990											
TOTAL FOR MAP NO. 12								2.145		240	0.17		22,652	16,990											
2017CPT.03.07.20651	NewHanover	13	SR 2199 (CREEKSTONE LN.)	FROM SR 1335 TO END MAINTENANCE, (MP 0.00 TO MP 0.26)	2	2	2WU	0.26	20	32	0.02														
TOTAL FOR MAP NO. 13								0.26		32	0.02														
2017CPT.03.07.20651	NewHanover	14	SR 2200 (PLUM TREE LANE)	FROM SR 2199 TO END OF MAINTENACE, (MP 0.00 TO MP 0.23)	2	2	2WU	0.23	20		0.02														
TOTAL FOR MAP NO. 14								0.23			0.02														
2017CPT.03.07.20651	NewHanover	15	SR 2501 (ACCESS RD. AT MONKEY JCT.)	FROM US 421 TO US 421 (MP 0.00 TO MP 0.51)	2	2	2WU	0.51	26	64	0.04		5,386	6,073	80	144		82	2	2					
TOTAL FOR MAP NO. 15								0.51		64	0.04		5,386	6,073	80	144		82	2	2					
2017CPT.03.07.20651	NewHanover	16	SR 1322 (MURRAYVILLE RD.)	FROM SR 2234 TO SR 2691, (MP 4.49 TO MP 5.438)	2, 3	2	2WU	0.948	24	96	0.07		10,010	8,008	150		200		2						
TOTAL FOR MAP NO. 16								0.948		96	0.07		10,010	8,008	150		200		2						
2017CPT.03.07.20651	NewHanover	17	SR 2313 (WILSHIRE BLVD.)	FROM 0.02 MI. WEST OF SR 1175 (KERR AVE.) TO 75 FEET EAST OF ROSEMONT AVE, (MP 0.13 TO 1.110)	6, 7, 8	2 - 3	2WU	0.98	20 - 44	112	0.08		7,769	9,613	725	48			5	1	1				
TOTAL FOR MAP NO. 17								0.98		112	0.08		7,769	9,613	725	48			5	1	1				
2017CPT.03.07.20651	NewHanover	18	SR 1400 (FUTCH CREEK RD/CHAMP DAVIS RD.)	FROM 0.01 MI.SOUTH OF SR 2845 (MARKET ST.) TO SR 1491 (PORTERS NECK RD.) MP 0.419 - MP 1.785	2	2	2WU	1.366	22	96	0.11		14,698	11,624	423					2					
TOTAL FOR MAP NO. 18								1.366		96	0.11		14,698	11,624	423					2					
2017CPT.03.07.20651	NewHanover	19	SR 2652 (NORTHCHASE PKWY. NE)	FROM US 117 TO CUL-DE-SAC (MP 0.00 TO MP 0.429)	4	2 - 3	2WU	0.429	24 - 36	32	0.03	40	1,150	1,950	195	1,200		52	2	1		8	1		
TOTAL FOR MAP NO. 19								0.429		32	0.03	40	1,150	1,950	195	1,200		52	2	1		8	1		
2017CPT.03.07.20651	NewHanover	20	W. SALISBURY ST. PARKING AREAS	FROM NHC BRIDGE NO. 24 TO PAVEMENT SEAM 0.053 MI. NW OF N. LUMINA AVE. IN WRIGHTSVILLE BEACH	NA	1		0.193	33.5		0.01		1,340				160								
TOTAL FOR MAP NO. 20								0.193			0.01		1,340				160								
TOTAL FOR PROJ NO. 2017CPT.03.07.20651								10.294		1,024	0.80	40	84,496	70,146	1,743	1,392	160	200	13	7	1	8	1		
													71,889		1,552				30						

PROJECT NO.	SHEET NO.
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THERMOPLASTIC AND PAINT QUANTITIES

PROJECT	COUNTY	MAP	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	LENGTH	WIDTH	4413000000-E	4457000000-N	4510000000-N	4685000000-E	4686000000-E			4695000000-E		4700000000-E	4710000000-E	4725000000-E				
										WORK ZONE ADVANCE/GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL	LAW ENFORCEMENT	4" X 90 M WHITE THERMO	4" X 120 M YELLOW THERMO	4" X 120 M WHITE THERMO	8" X 90 M YELLOW THERMO	8" X 90 M WHITE THERMO	12" X 90 M YELLOW THERMO	24" X 120 M WHITE THERMO	THERMO LT ARROW 90 M	THERMO RT ARROW 90 M	THERMO STR & RT ARROW 90 M	THERMO STR ARROW 90 M	THERMO STR & LT ARROW 90 M	
NO		NO			NO					SF	LS	HR	LF	LF	LF	LF	LF	LF	EA	EA	EA	EA	EA		
2017CPT.03.07.20652	NewHanover	21	SR 2340 (CHAPRA DR.)	FROM BEGIN C & G TO SR 2571, (MP 0.44 TO 0.63)	5	2	2WU	0.188	24		0.01														
TOTAL FOR MAP NO. 21								0.188		0.01															
2017CPT.03.07.20652	NewHanover	22	SR 2572 (TOLLINGTON DR.)	FROM SR 2571 TO CUL DE SAC, (MP 0.00 TO MP 0.29)	5	2	2WU	0.291	24		0.02														
TOTAL FOR MAP NO. 22								0.291		0.02															
2017CPT.03.07.20652	NewHanover	23	SR 2790 (CHADSFORD CT.)	FROM SR 2571 TO CUL DE SAC,(MP 0.00 TO MP 0.04)	5	2	2WU	0.039	18		0.01														
TOTAL FOR MAP NO. 23								0.039		0.01															
2017CPT.03.07.20652	NewHanover	24	SR 2791 (GAINESFORD CT.)	FROM SR 2571 TO CUL DE SAC, (MP 0.00 TO MP 0.04)	5	2	2WU	0.035	18		0.01														
TOTAL FOR MAP NO. 24								0.035		0.01															
2017CPT.03.07.20652	NewHanover	25	SR 2792 (LAWTHER CT.)	FROM SR 2571 TO CUL DE SAC, (MP 0.00 TO MP 0.02)	5	2	2WU	0.018	18		0.01														
TOTAL FOR MAP NO. 25								0.018		0.01															
2017CPT.03.07.20652	NewHanover	26	SR 2793 (THURSLEY RD.)	FROM SR 2340 TO SR 2571,(MP 0.00 TO MP 0.20)	5	2	2WU	0.2	24		0.01														
TOTAL FOR MAP NO. 26								0.2		0.01															
2017CPT.03.07.20652	NewHanover	27	SR 2794 (DARTRIDGE CT.)	FROM SR 2572 TO CUL DE SAC, (MP 0.00 TO MP 0.03)	5	2	2WU	0.03	18		0.01														
TOTAL FOR MAP NO. 27								0.03		0.01															
2017CPT.03.07.20652	NewHanover	28	SR 2795 (WINFORDE RD.)	FROM SR 2571 TO SR 2572, (MP 0.00 TO MP 0.21)	5	2	2WU	0.208	30		0.02														
TOTAL FOR MAP NO. 28								0.208		0.02															
2017CPT.03.07.20652	NewHanover	29	SR 2796 (BEAUMONT CT.)	FROM SR 2795 TO CUL DE SAC, (MP 0.00 TO MP 0.05)	5	2	2WU	0.048	30		0.01														
TOTAL FOR MAP NO. 29								0.048		0.01															
2017CPT.03.07.20652	NewHanover	30	SR 2797 (CLAIRIDGE DR.)	SR 2795 TO SR 2798, (MP 0.00 TO MP 0.10)	5	2	2WU	0.1	22		0.01														
TOTAL FOR MAP NO. 30								0.1		0.01															
2017CPT.03.07.20652	NewHanover	31	SR 2798 (AFTONSHIRE DR.)	FROM SR 2799 TO CUL DE SAC, (MP 0.00 TO MP 0.33)	5	2	2WU	0.333	22		0.03														
TOTAL FOR MAP NO. 31								0.333		0.03															
2017CPT.03.07.20652	NewHanover	32	SR 2799 (BRASCOTE LN.)	FROM SR 2571 TO SR 2798,(MP 0.00 TO MP 0.18)	5	2	2WU	0.175	30		0.01														
TOTAL FOR MAP NO. 32								0.175		0.01															
2017CPT.03.07.20652	NewHanover	33	SR 2564 (GERBE CT.)	FROM SR 1796 TO SR 1769, (MP 0.00 TO MP 0.026)	9	2	2WU	0.026	16		0.01														
TOTAL FOR MAP NO. 33								0.026		0.01															
2017CPT.03.07.20652	NewHanover	34	SR 1499 (JEANELLE MOORE)	FROM SR 1400 TO END OF MAINTENANCE, (MP 0.00 TO MP 0.090)	10	2	2WU	0.093	20		0.01														
TOTAL FOR MAP NO. 34								0.093		0.01															
2017CPT.03.07.20652	NewHanover	35	SR 1542 (BATTLE ACRE RD.)	FROM US 421 TO US 421, (MP 0.00 TO MP 0.230)	10	2		0.225	20		0.02		264												
TOTAL FOR MAP NO. 35								0.225		0.02			264												
TOTAL FOR PROJ NO. 2017CPT.03.07.20652								2.009		0.20			264												
GRAND TOTAL								12.303		1,024	1.00	40	84,760	70,146	1,743	1,392	160	200	158	13	7	1	8	1	
														71,889		1,552						30			

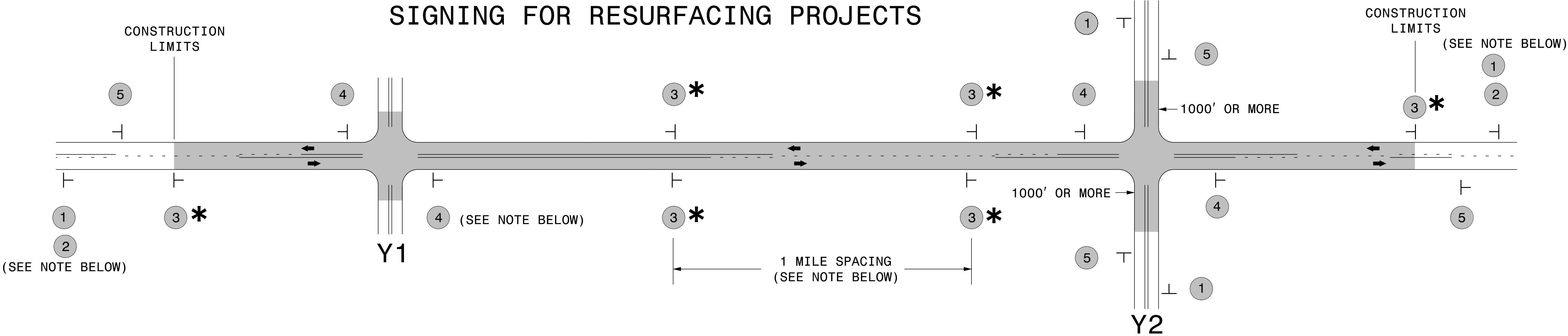
THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	4726110000-E	4810000000-E		4820000000-E	4845000000-N			4900000000-N	
							HEATED-IN-PLACE THERMOPLASTIC PVMT. MARKING SYMBOL EA	4" YELLOW PAINT LF	4" WHITE PAINT LF	8" YELLOW PAINT LF	PAINT LT ARROW EA	PAINT STR & RT ARROW EA	PAINT RT ARROW EA	YELLOW & YELLOW MARKERS EA	CRYSTAL & RED MARKERS EA
2017CPT.03.07.20651	NewHanover	1	SR 1324 (SHERIDAN DR.)	FROM NC 133 TO SR 1325, (MP 0.00 TO MP 0.150)	1	2								15	
TOTAL FOR MAP NO. 1														15	
2017CPT.03.07.20651	NewHanover	2	SR 1325 (LONG LEAF DR.)	FROM SR 1326 TO SR 1358, (MP 0.00 TO MP 0.490)	1	2								50	
TOTAL FOR MAP NO. 2														50	
2017CPT.03.07.20651	NewHanover	3	SR 1326 (LAUREL DR.)	FROM SR 1358 TO DEAD END,(MP 0.00 TO MP 0.470)	1	2								47	
TOTAL FOR MAP NO. 3														47	
2017CPT.03.07.20651	NewHanover	4	SR 1332 (CHAIR RD.)	FROM NC 133 TO PVMT JOINT 0.896 WEST FO NC133, (MP 0.00 TO MP 0.896)	1	2								89	6
TOTAL FOR MAP NO. 4														89	6
2017CPT.03.07.20651	NewHanover	5	SR 1382 (GARDEN PLACE DR.)	FROM NC 132 TO SR 1387 (MP 0.00 TO MP 0.190)	1	2									
TOTAL FOR MAP NO. 5															
2017CPT.03.07.20651	NewHanover	6	SR 1383 (WEDGEWOOD RD.)	FROM SR 1382 TO DEAD END, (MP 0.00 TO MP 0.09)	1	2									
TOTAL FOR MAP NO. 6															
2017CPT.03.07.20651	NewHanover	7	SR 1387 (HYACINTH AVE.)	FROM SR 1382 TO DEAD END,(MP 0.00 TO MP 0.110)	1	2									
TOTAL FOR MAP NO. 7															
2017CPT.03.07.20651	NewHanover	8	SR 1668 (BALSAM DR.)	FROM SR 1667 TO SR 1668, (MP 0.00 TO MP 0.167)	1	2									
TOTAL FOR MAP NO. 8															
2017CPT.03.07.20651	NewHanover	9	SR 1669 (DARLEY LN.)	FROM SR 1667 TO SR 1686,(MP 0.00 TO MP 0.120)	1	2									
TOTAL FOR MAP NO. 9															
2017CPT.03.07.20651	NewHanover	10	SR 1686 (ROYAL OAK DR.)	FROM SR 1492 TO SR 1687 (MP 0.00 TO MP 0.23)	1	2									
TOTAL FOR MAP NO. 10															
2017CPT.03.07.20651	NewHanover	11	SR 2071 (ARLENE DR.)	FROM NC 133 TO END OF MAINTENANCE, (MP 0.00 TO MP 0.320	2	2									
TOTAL FOR MAP NO. 11															
2017CPT.03.07.20651	NewHanover	12	SR 2181 (BLUE CLAY RD./ DAIRY FARM RD.)	FROM SR 1002 TO SR 1336 (MP 0.00 TO MP 2.145	1, 3	2								213	
TOTAL FOR MAP NO. 12														213	
2017CPT.03.07.20651	NewHanover	13	SR 2199 (CREEKSTONE LN.)	FROM SR 1335 TO END MAINTENANCE, (MP 0.00 TO MP 0.26)	2	2									
TOTAL FOR MAP NO. 13															
2017CPT.03.07.20651	NewHanover	14	SR 2200 (PLUM TREE LANE)	FROM SR 2199 TO END OF MAINTENACE, (MP 0.00 TO MP 0.23)	2	2									
TOTAL FOR MAP NO. 14															
2017CPT.03.07.20651	NewHanover	15	SR 2501 (ACCESS RD. AT MONKEY JCT.)	FROM US 421 TO US 421 (MP 0.00 TO MP 0.51)	2	2								76	6
TOTAL FOR MAP NO. 15														76	6
2017CPT.03.07.20651	NewHanover	16	SR 1322 (MURRAYVILLE RD.)	FROM SR 2234 TO SR 2691, (MP 4.49 TO MP 5.438)	2, 3	2								100	6
TOTAL FOR MAP NO. 16														100	6
2017CPT.03.07.20651	NewHanover	17	SR 2313 (WILSHIRE BLVD.)	FROM 0.02 MI. WEST OF SR 1175 (KERR AVE.) TO 75 FEET EAST OF ROSEMONT AVE, (MP 0.13 TO 1.110)	6, 7, 8	2 - 3		9,613	8,494	48	5	1	1	121	16
TOTAL FOR MAP NO. 17								9,613	8,494	48	5	1	1	121	16
2017CPT.03.07.20651	NewHanover	18	SR 1400 (FUTCH CREEK RD/CHAMP DAVIS RD.)	FROM 0.01 MI.SOUTH OF SR 2845 (MARKET ST.) TO SR 1491 (PORTERS NECK RD.) MP 0.419 - MP 1.785	2	2								146	9
TOTAL FOR MAP NO. 18														146	9
2017CPT.03.07.20651	NewHanover	19	SR 2652 (NORTHCHASE PKWY. NE)	FROM US 117 TO CUL-DE-SAC (MP 0.00 TO MP 0.429)	4	2 - 3								25	10
TOTAL FOR MAP NO. 19														25	10
2017CPT.03.07.20651	NewHanover	20	W. SALISBURY ST. PARKING AREAS	FROM NHC BRIDGE NO. 24 TO PAVEMENT SEAM 0.053 MI. NW OF N. LUMINA AVE. IN WRIGHTSVILLE BEACH	NA	1									10
TOTAL FOR MAP NO. 20															10
TOTAL FOR PROJ NO. 2017CPT.03.07.20651								9,613	8,494	48	5	1	1	882	63
								18,107			7			945	

PROJECT NO.	SHEET NO.
2017CPT.03.07.20651, Etc.	29

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	4726110000-E	4810000000-E		4820000000-E	4845000000-N			4900000000-N	
							HEATED-IN-PLACE THERMOPLASTIC PVMT. MARKING SYMBOL EA	4" YELLOW PAINT LF	4" WHITE PAINT LF	8" YELLOW PAINT LF	PAINT LT ARROW EA	PAINT STR & RT ARROW EA	PAINT RT ARROW EA	YELLOW & YELLOW MARKERS EA	CRYSTAL & RED MARKERS EA
2017CPT.03.07.20652	NewHanover	21	SR 2340 (CHAPRA DR.)	FROM BEGIN C & G TO SR 2571, (MP 0.44 TO 0.63)	5	2									
TOTAL FOR MAP NO. 21															
2017CPT.03.07.20652	NewHanover	22	SR 2572 (TOLLINGTON DR.)	FROM SR 2571 TO CUL DE SAC, (MP 0.00 TO MP 0.29)	5	2									
TOTAL FOR MAP NO. 22															
2017CPT.03.07.20652	NewHanover	23	SR 2790 (CHADSFORD CT.)	FROM SR 2571 TO CUL DE SAC,(MP 0.00 TO MP 0.04)	5	2									
TOTAL FOR MAP NO. 23															
2017CPT.03.07.20652	NewHanover	24	SR 2791 (GAINESFORD CT.)	FROM SR 2571 TO CUL DE SAC, (MP 0.00 TO MP 0.04)	5	2									
TOTAL FOR MAP NO. 24															
2017CPT.03.07.20652	NewHanover	25	SR 2792 (LAWTHER CT.)	FROM SR 2571 TO CUL DE SAC, (MP 0.00 TO MP 0.02)	5	2									
TOTAL FOR MAP NO. 25															
2017CPT.03.07.20652	NewHanover	26	SR 2793 (THURSLEY RD.)	FROM SR 2340 TO SR 2571,(MP 0.00 TO MP 0.20)	5	2									
TOTAL FOR MAP NO. 26															
2017CPT.03.07.20652	NewHanover	27	SR 2794 (DARTRIDGE CT.)	FROM SR 2572 TO CUL DE SAC, (MP 0.00 TO MP 0.03)	5	2									
TOTAL FOR MAP NO. 27															
2017CPT.03.07.20652	NewHanover	28	SR 2795 (WINFORDE RD.)	FROM SR 2571 TO SR 2572, (MP 0.00 TO MP 0.21)	5	2									
TOTAL FOR MAP NO. 28															
2017CPT.03.07.20652	NewHanover	29	SR 2796 (BEAUMONT CT.)	FROM SR 2795 TO CUL DE SAC, (MP 0.00 TO MP 0.05)	5	2									
TOTAL FOR MAP NO. 29															
2017CPT.03.07.20652	NewHanover	30	SR 2797 (CLAIRIDGE DR.)	SR 2795 TO SR 2798, (MP 0.00 TO MP 0.10)	5	2									
TOTAL FOR MAP NO. 30															
2017CPT.03.07.20652	NewHanover	31	SR 2798 (AFTONSHIRE DR.)	FROM SR 2799 TO CUL DE SAC, (MP 0.00 TO MP 0.33)	5	2									
TOTAL FOR MAP NO. 31															
2017CPT.03.07.20652	NewHanover	32	SR 2799 (BRASCOTE LN.)	FROM SR 2571 TO SR 2798,(MP 0.00 TO MP 0.18)	5	2									
TOTAL FOR MAP NO. 32															
2017CPT.03.07.20652	NewHanover	33	SR 2564 (GERBE CT.)	FROM SR 1796 TO SR 1769, (MP 0.00 TO MP 0.026)	9	2									
TOTAL FOR MAP NO. 33															
2017CPT.03.07.20652	NewHanover	34	SR 1499 (JEANELLE MOORE)	FROM SR 1400 TO END OF MAINTENANCE, (MP 0.00 TO MP 0.090)	10	2									
TOTAL FOR MAP NO. 34															
2017CPT.03.07.20652	NewHanover	35	SR 1542 (BATTLE ACRE RD.)	FROM US 421 TO US 421, (MP 0.00 TO MP 0.230)	10	2	4								
TOTAL FOR MAP NO. 35							4								
TOTAL FOR PROJ NO. 2017CPT.03.07.20652							4								
GRAND TOTAL							4	9,613	8,494	48	5	1	1	882	63
								18,107				7		945	



LEGEND

—|—

STATIONARY SIGN

→

DIRECTION OF TRAFFIC FLOW

MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1 2 ROAD WORK AHEAD W20-1 48" X 48" NEXT XX MILES W7-3aP 24" X 18" PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE. #2 SIGN ONLY USED WHEN RESURFACING LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER.(NO FRACTIONAL OR DECIMAL NUMBERS)	NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS: 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE 2) SUBDIVISION ROADS 3) DEAD END ROADS WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, ADVANCE WARNING PORTABLE SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK. ROAD WORK AHEAD W20-1 48" X 48" ROAD WORK AHEAD W20-7 A 48" X 48" PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.
	3 * LOW/SOFT SHOULDER SP 13107 48" X 48" PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART THEREAFTER. IF NO -Y- LINES EXIST, PLACE 2ND SET ½ MILE FROM THE CONSTRUCTION LIMITS AND THEN SPACE 1 MILE THEREAFTER.	
	4 ROAD UNDER CONST SP 13106 48" X 48" THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS. DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS. INSTALL 500' +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE. FOR MULTIPLE -Y- LINES THAT ARE SEPARATED BY 0.25 MILES OR LESS, TREAT AS A SINGLE UNIT AND INSTALL WITHIN 500' OF EACH APPROACH. A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN.	
	5 END ROAD WORK G20-2 A 48" X 24" PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS.	

* SIGNING FOR ASPHALT SURFACE TREATMENTS (ONLY)

SUBSTITUTE LOW/SOFT SHOULDER SIGNS BY ALTERNATING THE FOLLOWING TWO SIGNS:
STARTING WITH "UNMARKED PAVEMENT AHEAD" (SP 06026) FOLLOWED BY "LOOSE GRAVEL" (W8-7).

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