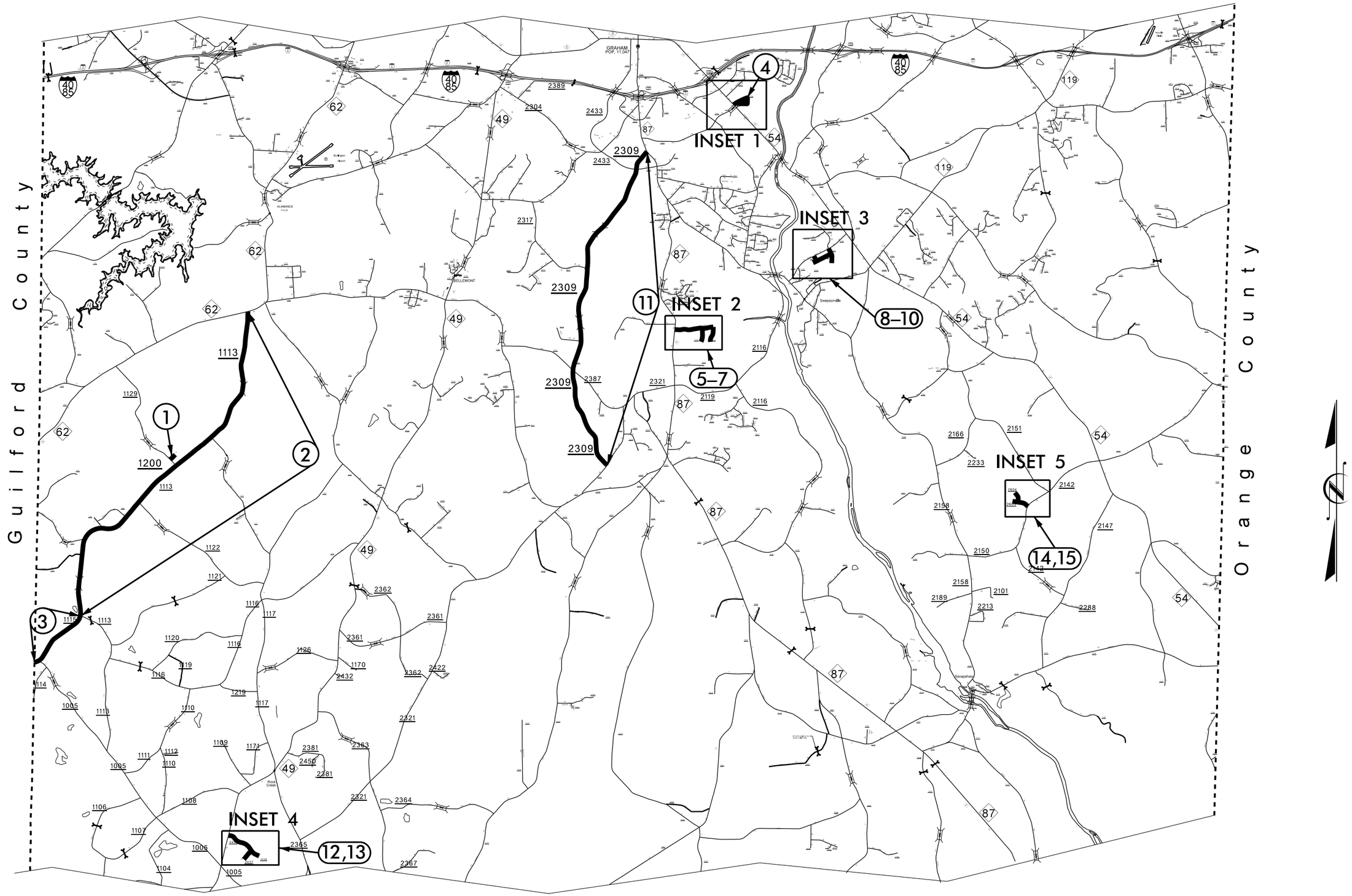
| PROJECT REFERENCE NO. | SHEET NO. |
|---|---|
| 2017CPT.07.11.20011 | 1 |

# ALAMANCE COUNTY

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| PROJECT REFERENCE NO. | SHEET NO. |
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| 2017CPT.07.11.20011 | 2 |

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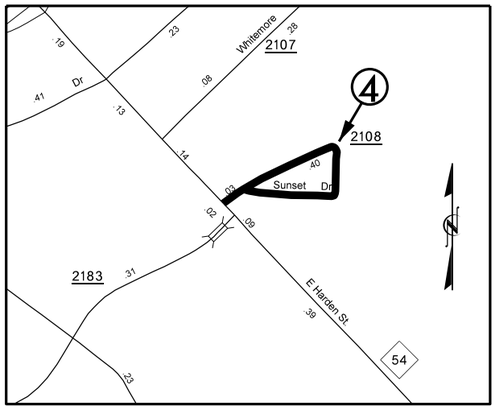


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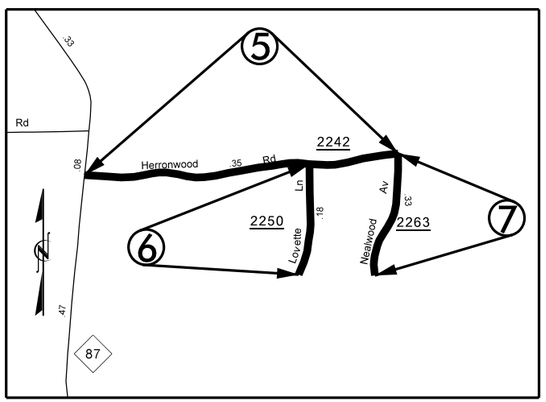


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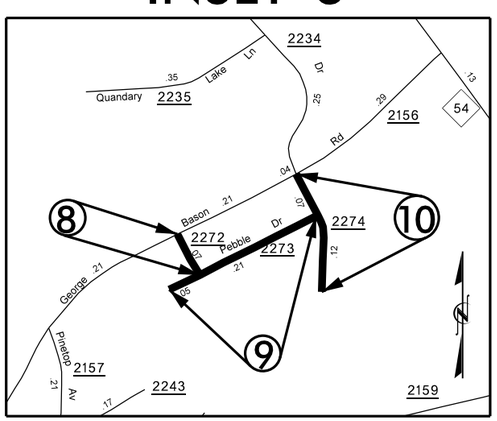


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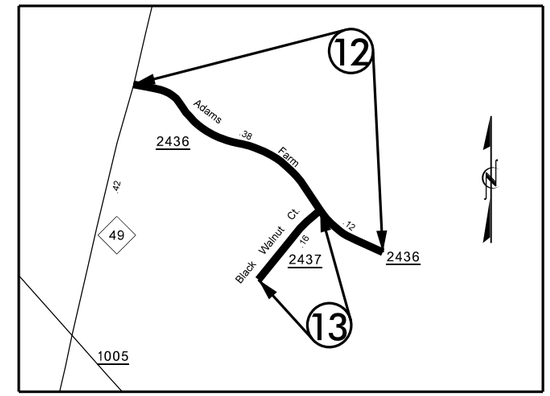


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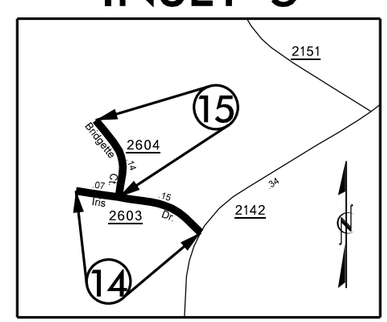


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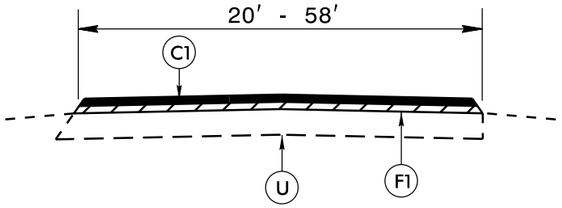
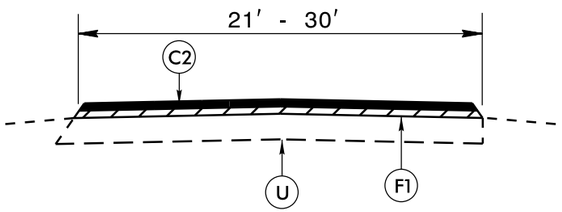


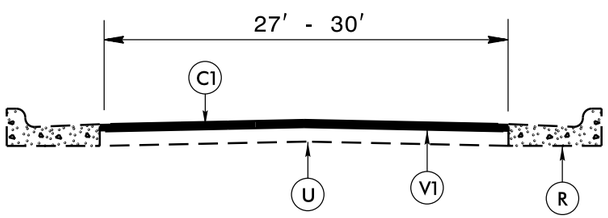

## TYPICAL SECTION NO. 1

TO BE USED ON MAPS 1, 4-7, 12-15



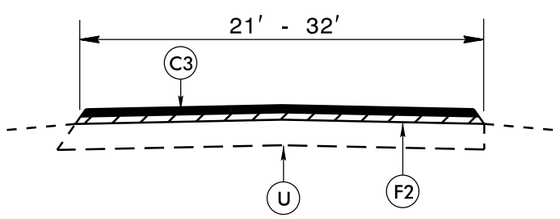

## TYPICAL SECTION NO. 2

TO BE USED ON MAPS 2, 3




## TYPICAL SECTION NO. 3

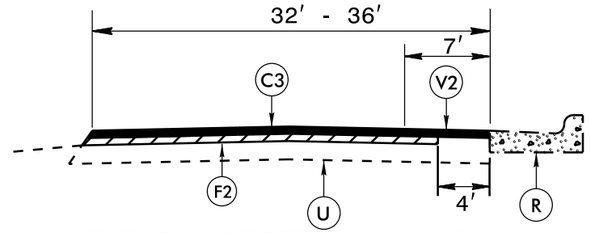
TO BE USED ON MAPs 8-10




## TYPICAL SECTION NO. 4

TO BE USED ON MAP 11

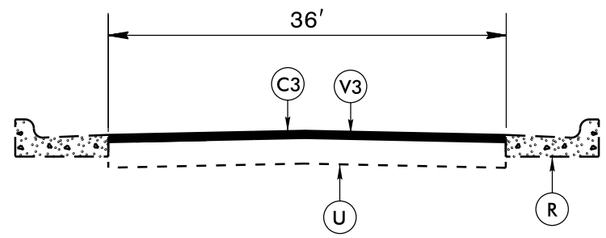
MAP 11: STA. 00+00 TO STA. 10+05
STA. 18+40 TO STA. 32+00
STA. 38+50 TO STA. 49+25
STA. 50+80 TO STA. 57+50
STA. 72+70 TO STA. 236+50




## TYPICAL SECTION NO. 5

TO BE USED ON MAP 11

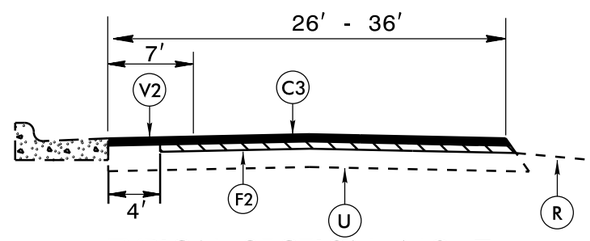
MAP 11: STA. 10+05 TO STA. 13+50
STA. 49+25 TO STA. 50+80




## TYPICAL SECTION NO. 6

TO BE USED ON MAP 11

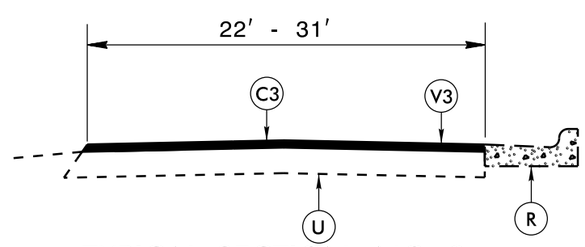
MAP 11: STA. 12+65 TO STA. 13+50




## TYPICAL SECTION NO. 7

TO BE USED ON MAP 11

MAP 11: STA. 14+90 TO STA. 18+40
STA. 32+00 TO STA. 38+50

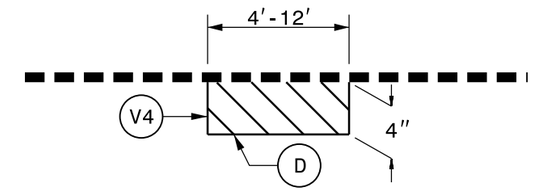



## TYPICAL SECTION NO. 8

TO BE USED ON MAP 11

MAP 11: STA. 57+50 TO STA. 72+70

## PATCHING EXISTING PAVEMENT DETAIL 1




MILL EXISTING ASPHALT PAVEMENT 4″ IN DEPTH AND FILL WITH INTERMEDIATE COURSE, TYPE I19.0B AT LOCATIONS AS DIRECTED BY THE ENGINEER.

## PAVEMENT SCHEDULE

| | | | |
|---|---|---|---|
| C1 | PROP. APPROX. 1″ ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD. | | |
| C2 | PROP. APPROX. 1¼″ ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 137.5 LBS. PER SQ. YD. | | |
| C3 | PROP. APPROX. 1½″ ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD. | | |
| C4 | PROP. APPROX. 1½″ ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD. | | |
| D | PROP. APPROX. 4″ ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I9.0B, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD. | | |
| F1 | AST MAT COAT, #78M STONE | | |
| F2 | AST MAT COAT, #67 STONE | | |
| R | EXISTING CONCRETE STRUCTURE | | |
| U | EXISTING PAVEMENT. | V1 | 1″ MILLING |
| V2 | 0 - 1½″ MILLING | V3 | 1½″ MILLING |
| V4 | 4″ MILLING | | |

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| STATE | PROJECT NO. | SHEET NO. |
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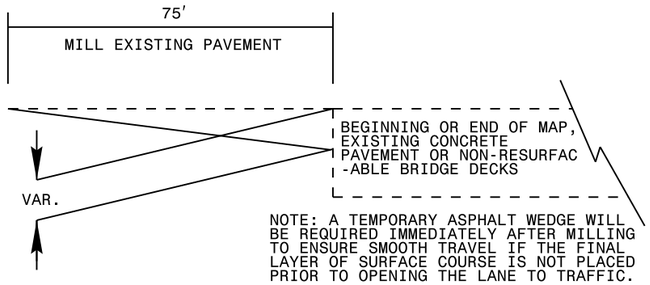
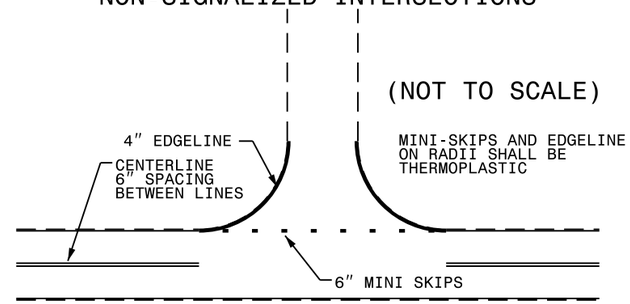
| N.C. | 2017CPT.07.11.20011 | |

## INCIDENTAL MILLING DETAIL



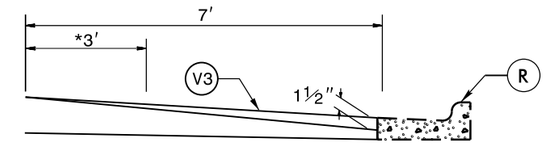

## TO BE USED AT ALL NON-SIGNALIZED INTERSECTIONS

(NOT TO SCALE)




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

## MILLING DETAIL 1

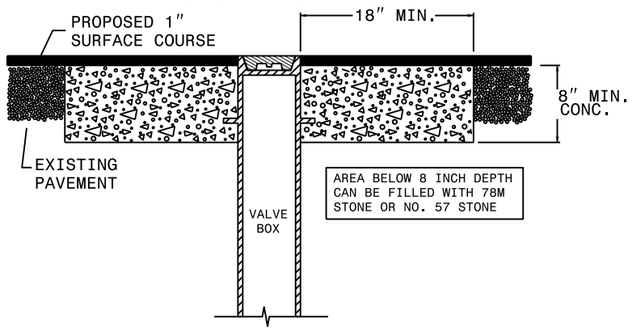



*IF #67 STONE OR 78M SEAL IS INVOLVED OVERLAP 3′.
PROFILE MILLING 0 - 1½″

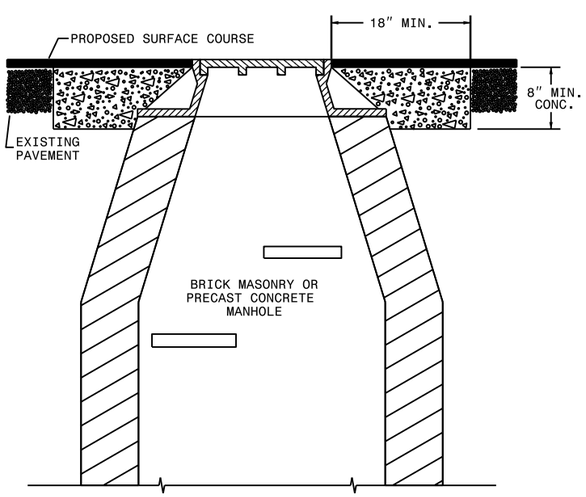
PROFILE MILL EXISTING ASPHALT PAVEMENT 1½″ AT LOCATIONS AS DIRECTED BY THE ENGINEER.

NOTE: TO BE USED IN CONJUNCTION WITH:
TS. NO. 5 ON MAP 11 STA. 10+05 TO STA. 12+65 RT
TS. NO. 7 ON MAP 11 STA. 14+90 TO STA. 18+40 LT
STA. 32+00 TO STA. 38+50 LT
STA. 49+25 TO STA. 50+80 RT
STA. 32+00 TO STA. 38+50 LT

## STANDARD CONCRETE ENCASEMENT FOR MANHOLE & VALVE CASTINGS IN PAVEMENT



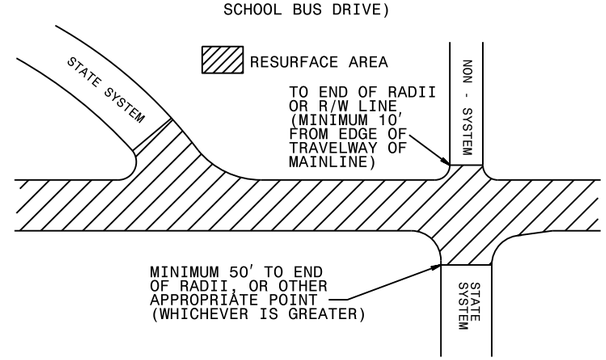

USE RAPID SET GROUT, MORTAR, OR CONCRETE AS NOTED IN PROJECT SPECIAL PROVISIONS. CLASS B CONCRETE MAY BE USED WHEN ADJUSTMENTS ARE NOT IN THE TRAVEL LANE.



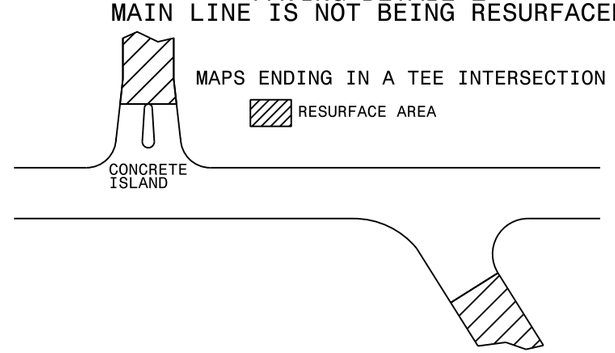

NOTES:
1. MORTAR SHALL BE MIXED TO NCDOT SPECIFICATIONS.
2. ALL FAULTY EXISTING BRICKWORK TO BE REMOVED AND REPLACED WITH NEW BRICK MASONRY.
3. EXCAVATION FOR THE ADJUSTMENT SHALL BE SHEER CUT ON ALL SIDES.
4. RAPID SET GROUT, MORTAR, OR CONCRETE SHALL BE USED

## PAVING DETAIL 1
## MAIN LINE IS BEING RESURFACED

NOTE: NON-SYSTEM (CITY STREET, PRIVATE DRIVE, SCHOOL BUS DRIVE)




## PAVING DETAIL 2
## MAIN LINE IS NOT BEING RESURFACED




## PAVEMENT SCHEDULE

| | | | |
|---|---|---|---|
| C1 | PROP. APPROX. 1″ ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD. | | |
| C2 | PROP. APPROX. 1¼″ ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 137.5 LBS. PER SQ. YD. | | |
| C3 | PROP. APPROX. 1½″ ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD. | | |
| C4 | PROP. APPROX. 1½″ ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD. | | |
| D | PROP. APPROX. 4″ ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I9.0B, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD. | | |
| F1 | AST MAT COAT, #78M STONE | | |
| F2 | AST MAT COAT, #67 STONE | | |
| R | EXISTING CONCRETE STRUCTURE | | |
| U | EXISTING PAVEMENT. | V1 | 1″ MILLING |
| V2 | 0 - 1½″ MILLING | V3 | 1½″ MILLING |
| V4 | 4″ MILLING | | |

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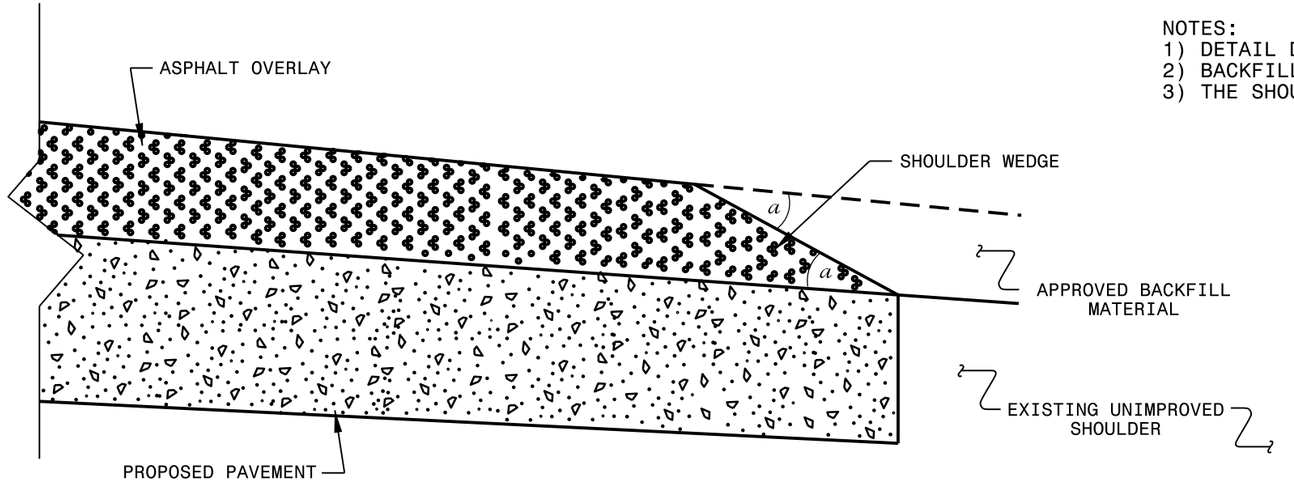
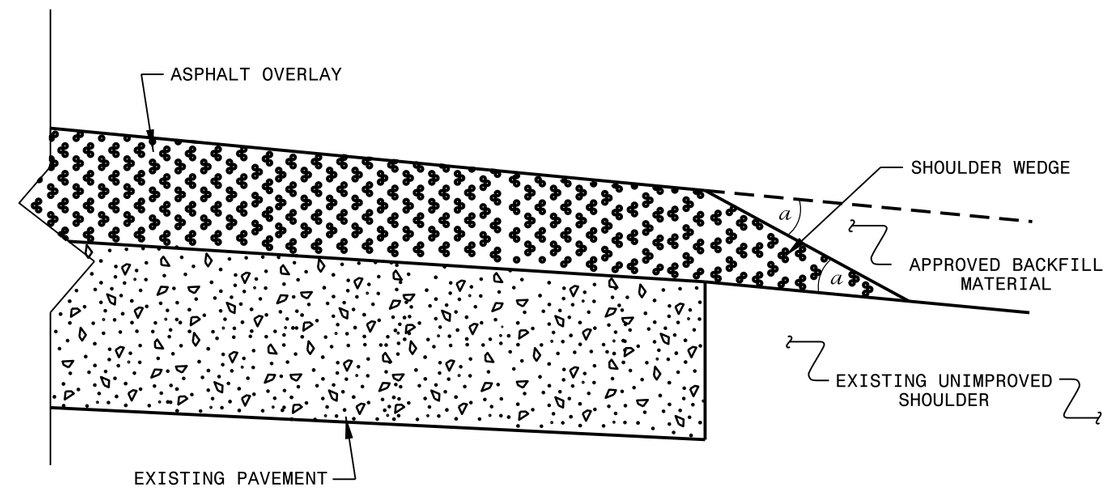
|---|---|
| 2017CPT.07.11.20011 | |

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



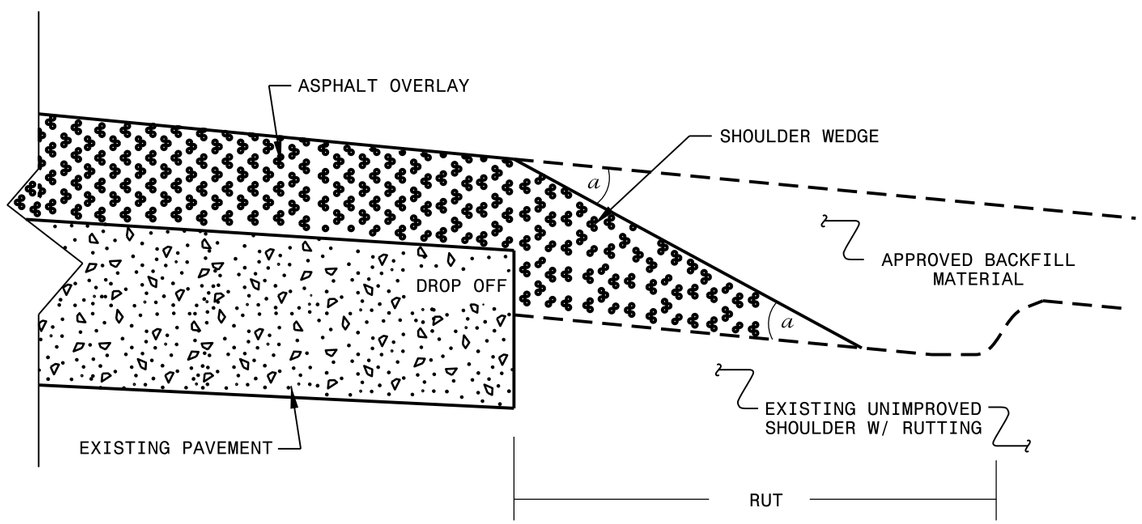

## SHOULDER WEDGE DETAIL

**(Resurfacing Projects w/ Widening or with Existing Paved Shoulder having no dropoffs)**




## SHOULDER WEDGE DETAIL

**(Resurfacing Projects w/ NO Widening)**




## SHOULDER WEDGE DETAIL

**(Resurfacing Adjacent to Rutted Shoulder)**

- SHOULDER WEDGE ANGLE = 30°


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


**SHOULDER WEDGE DETAILS**

| | | | |
|---|---|---|---|
| ORIGINAL BY: | T.SPELL | DATE: | 7-19-11 |
| MODIFIED BY: | | DATE: | 10/16/12 |
| CHECKED BY: | | DATE: | |
| FILE SPEC.: | s:usr/details/stand/shoulderwedgedetail.dgn | | |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| STATE | PROJECT NO. | SHEET NO. | TOTAL SHEETS |
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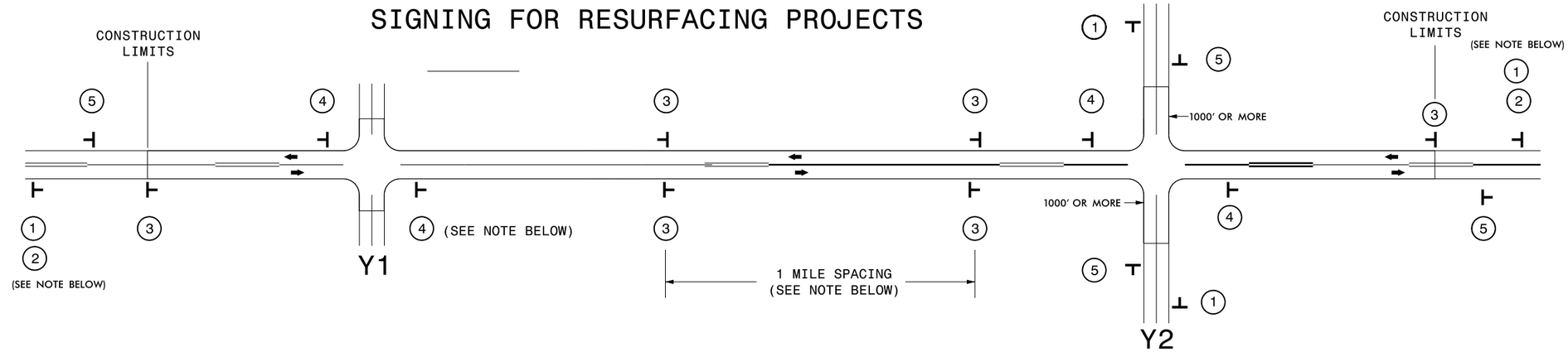
# SIGNING FOR RESURFACING PROJECTS




**LEGEND**

⊢ STATIONARY SIGN

⬅ DIRECTION OF TRAFFIC FLOW

## MAINLINE (-L-) SIGNING

### SIGNING NOTES AND PLACEMENT PER DIRECTION

| | | |
|---|---|---|
| 1 | ROAD WORK AHEAD<br>W20-1<br>48″ X 48″ | PLACE 1000′ PRIOR TO BEGINNING OF CONSTRUCTION LIMITS.<br>ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000′ ALONG -Y- LINE. |
| 2 | NEXT XX MILES<br>W7-3aP<br>24″ X 18″ | #2 SIGN ONLY USED WHEN RESURFACING LIMITS ARE 2 OR MORE MILES IN LENGTH.<br>ROUND UP TO NEXT WHOLE NUMBER.(NO FRACTIONAL OR DECIMAL NUMBERS) |
| 3 | LOW/SOFT SHOULDER<br>SP 13107<br>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<br>SP 13106<br>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<br>G20-2 A<br>48″ X 24″ | PLACE 500′ FOLLOWING THE END OF CONSTRUCTION LIMITS. |

## -Y- LINE SIGNING

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″

PLACED 500′ IN ADVANCE OF FLAGGER.

W20-7 A
48″ X 48″

PLACED 250′ IN ADVANCE OF FLAGGER.

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

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| PROJECT REFERENCE NO. | SHEET NO. |
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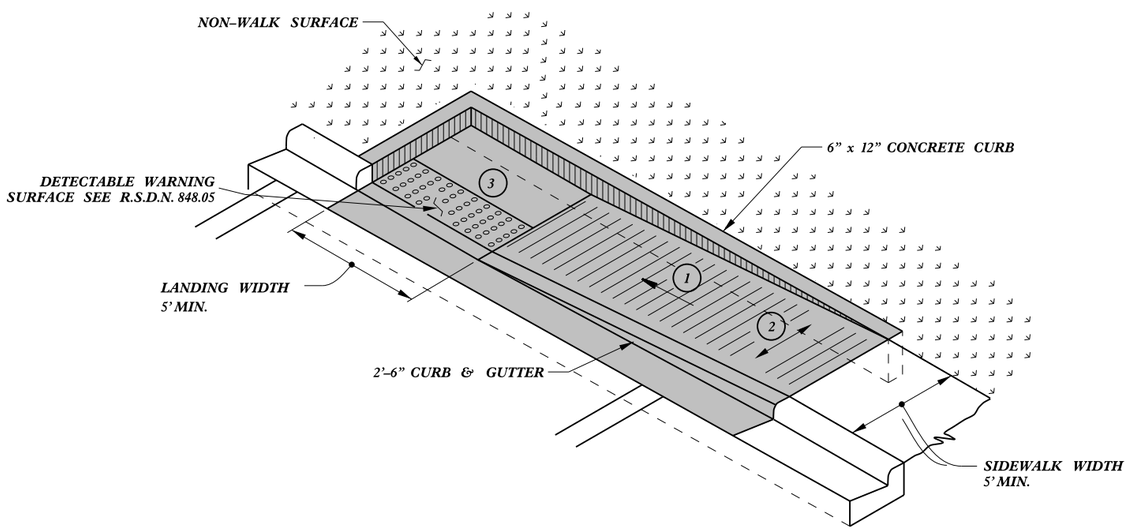
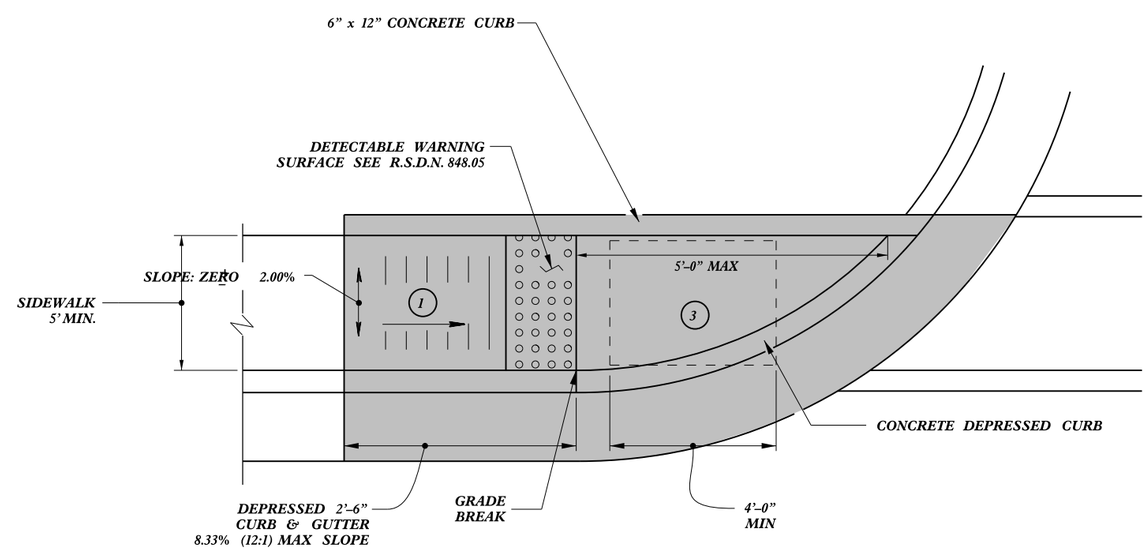
| 2017CPT.07.11.20011 | 7 |

PAY LIMITS FOR CURB RAMP




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


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.dgn


5/14/99
22-MAR-2012 15:06
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jhowerton AT CSD23760

| PROJECT REFERENCE NO. | SHEET NO. |
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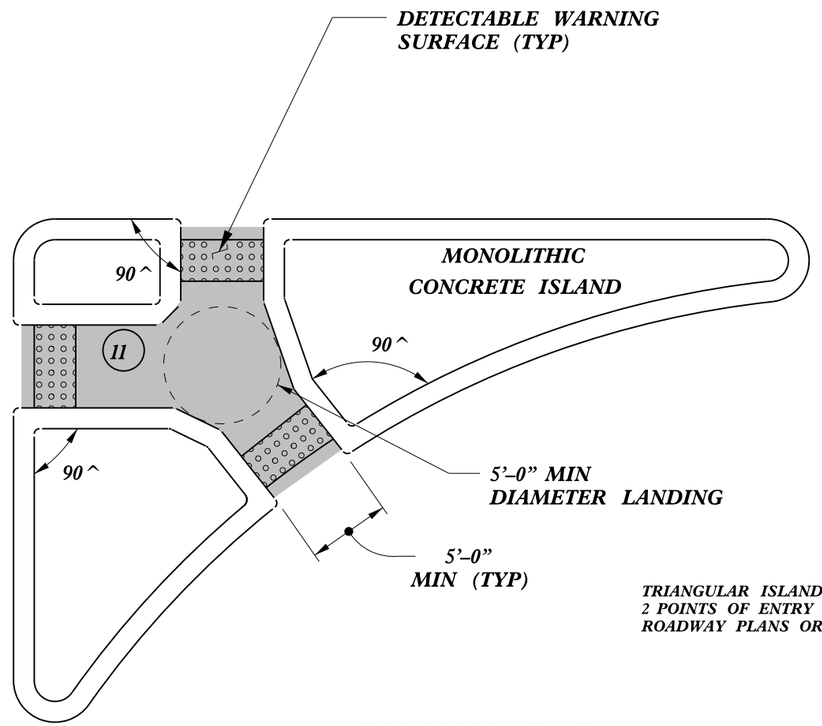
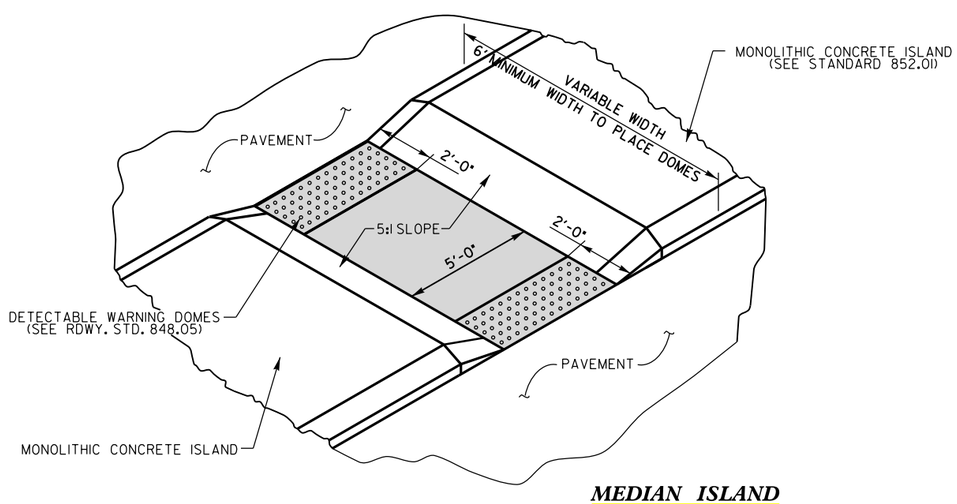
| 2017CPT.07.11.20011 | 8 |

PAY LIMITS FOR 1 CURB RAMP

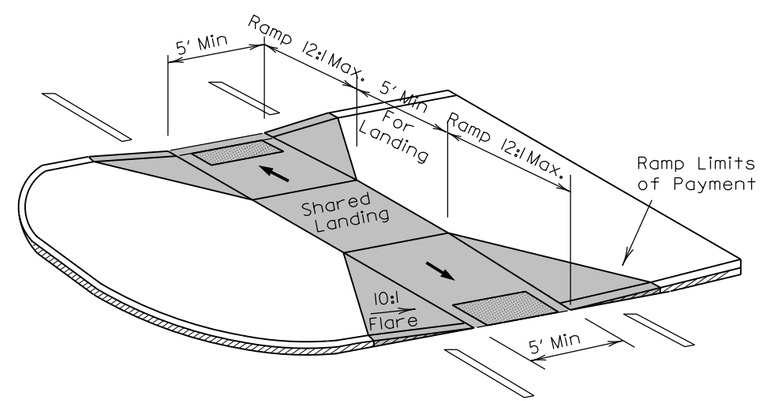



TRIANGULAR ISLANDS MAY BE CONSTRUCTED WITH ONLY 2 POINTS OF ENTRY AND EXIT AS SHOWN IN THE ROADWAY PLANS OR AS DIRECTED BY THE ENGINEER.

**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

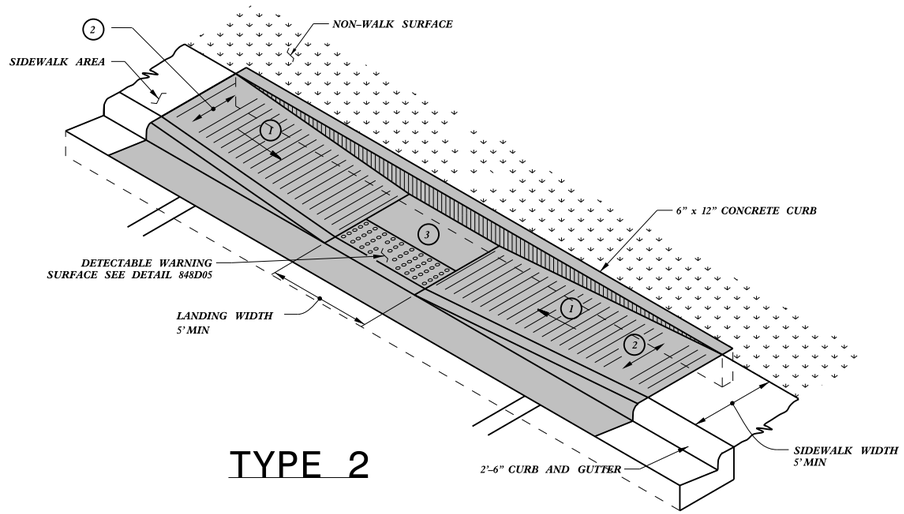
# CURB RAMPS

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.dgn

5/14/99

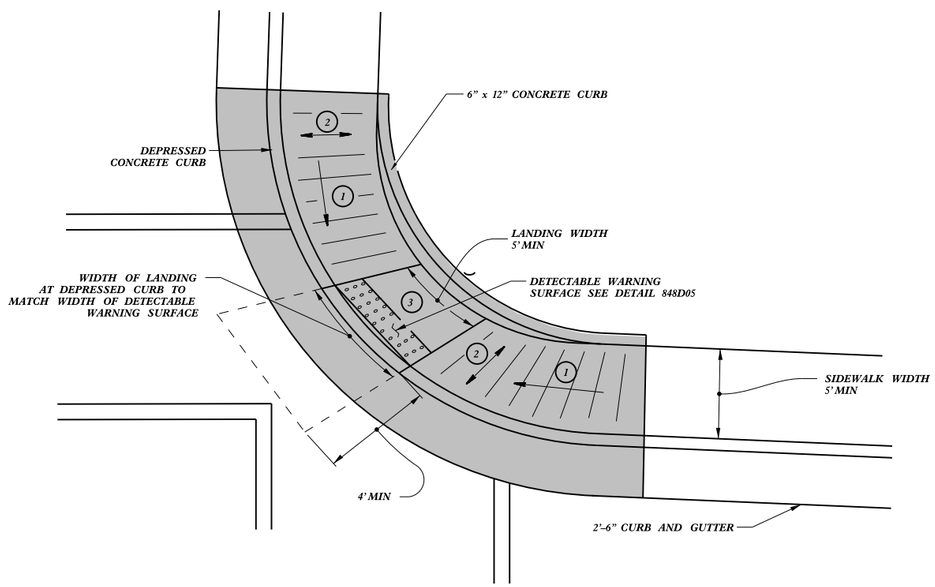
| PROJECT REFERENCE NO. | SHEET NO. |
|---|---|
| 2017CPT.07.11.20011 | 9 |



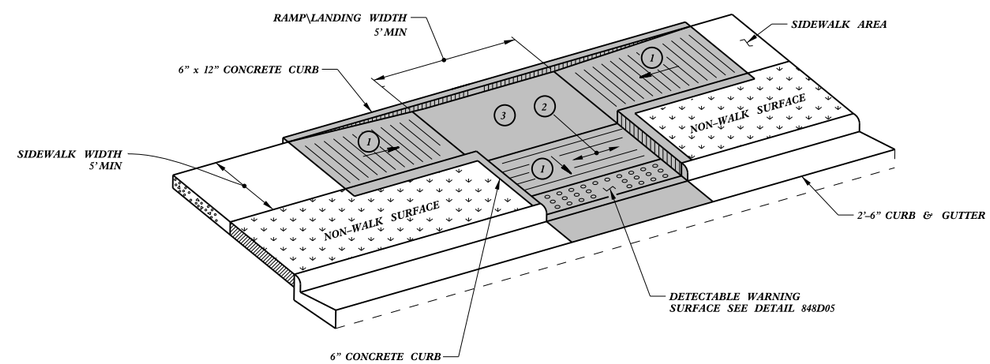

TYPE 2

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 2A




TYPE 3

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


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


# CURB RAMPS

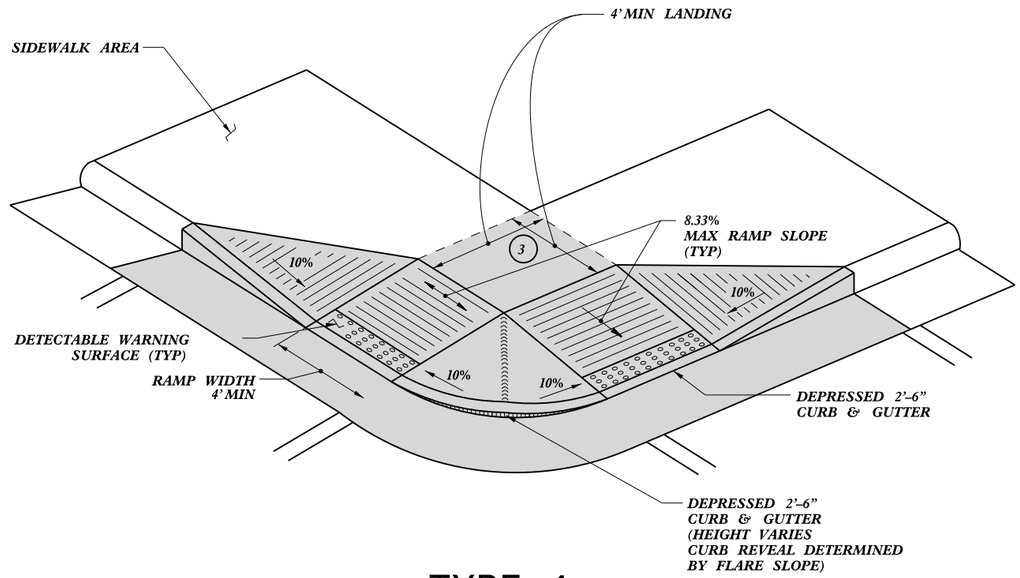
Parallel Ramps

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

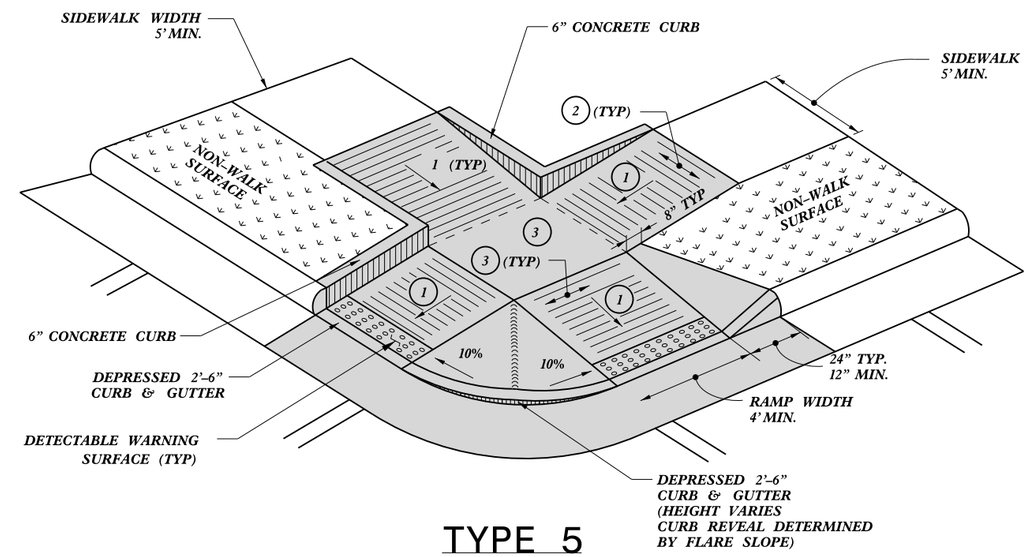

5/14/99
22-MAR-2012 15:07
S:\Contracts\Contracts\Special Details\jhowerton\Standard Drawings\2012 Standard Drawings\2012 Curb Ramp Special Details\Curb Ramp Details.dgn
jhowerton AT CSD237501

| PROJECT REFERENCE NO. | SHEET NO. |
|---|---|
| 2017CPT.07.11.20011 | 1 |

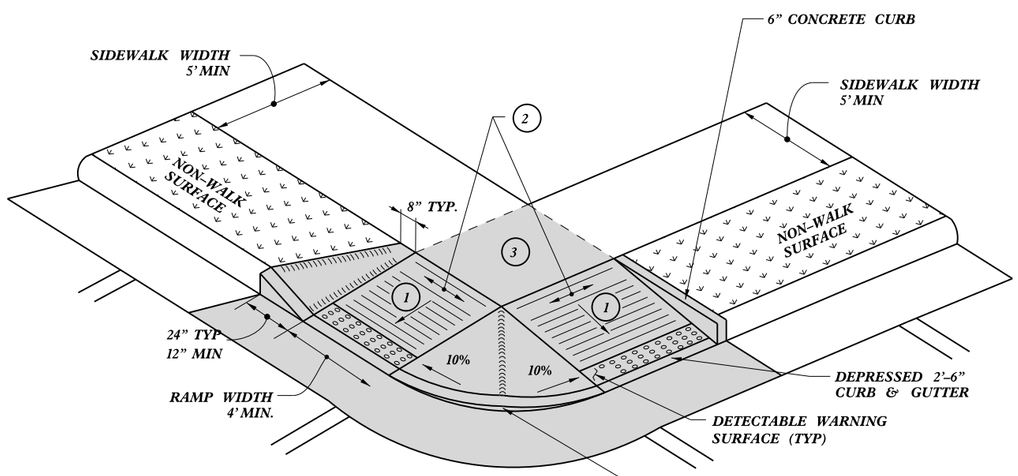
PAY LIMITS FOR CURB RAMP




TYPE 4




TYPE 5




TYPE 4A

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


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


5/14/99
22-MAR-2012 15:08
S:\Contracts\Special Details\jhowerton\Standard Drawings\2012 Standard Drawings\2012 Curb Ramp Special Details\Curb Ramp Details.dgn
jhowerton AT CS0237001

| PROJECT NO. | SHEET NO. | TOTAL NO. |
|---|---|---|
| 2017CPT.07.11.20011 | 11 | 12 |

# SUMMARY OF QUANTITIES

| PROJECT NO | COUNTY | MAP NO | ROUTE | DESCRIPTION | TYP NO | LANES | LANE TYPE | FINAL SURFACE TESTING REQUIRED | WARM MIX ASPHALT REQUIRED | LENGTH MI | WIDTH FT | INCIDENTAL STONE BASE TONS | MILLING ASPHALT PAVEMENT, 1" DEPTH SY | MILLING ASPHALT PAVEMENT, 1½" DEPTH SY | MILLING ASPHALT PAVEMENT, 0" TO 1 1/2" DEPTH SY | INCIDENTAL MILLING SY | ASPHALT CONC SURFACE COURSE, TYPE S9.5A TONS | ASPHALT BINDER FOR PLANT MIX TONS | PATCHING EXISTING PAVEMENT TONS | ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE SY | EMULSION FOR ASPHALT SURFACE TREATMENT GAL | GENERIC PAVING ITEM - [ASPHALT SURFACE TREATMENT; MAT COAT, #67 STONE] SY | RETROFITTING EXISTING WHEELCHAIR RAMPS EA | ADJ. OF MANHOLES EA | ADJUSTMENT OF METER BOXES OR VALVE BOXES EA | JUNCTION BOX (STANDARD SIZE) EA | INDUCTIVE LOOP SAW CUT LF | LEAD-IN CABLE (14-2) LF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2017CPT.07.11.20011 | Alamance | 1 | SR 1200 (REGULATOR DR.) | FROM CLAPP MILL RD. (SR 1129, MP 0.0) TO DE (MP 0.08) | 1 | 2 | 2WU | NO | NO | 0.129 | 22 | 13 | | | | 122 | 92 | 6 | 100 | 1,665 | 549 | | | | | | | |
| **TOTAL FOR MAP NO. 1** | | | | | | | | | | **0.129** | | **13** | | | | **122** | **92** | **6** | **100** | **1,665** | **549** | | | | | | | |
| 2017CPT.07.11.20011 | Alamance | 2 | SR 1113 (KIMESVILLE ROAD) | FROM FOSTER STORE RD. (SR 1113, MP 2.01) TO NC 62 (MP 7.01) | 2 | 2 | 2WU | NO | NO | 0.382 | 21 | 410 | | | | 117 | 325 | 22 | 2,500 | 4,706 | 1,627 | | | | | | | |
| | | | | | 2 | 2 | 2WU | NO | NO | 0.01 | 25.5 | | | | | | 10 | 1 | | 150 | 49 | | | | | | | |
| | | | | | 2 | 2 | 2WU | NO | NO | 0.014 | 30 | | | | | 167 | 17 | 1 | | 246 | 81 | | | | | | | |
| | | | | | | 2 | 2WU | NO | NO | 0.023 | 30 | | | | | | | | | | | | | | | | | |
| | | | | | 2 | 2 | 2WU | NO | NO | 0.017 | 30 | | | | | 167 | 21 | 1 | | 299 | 99 | | | | | | | |
| | | | | | 2 | 2 | 2WU | NO | NO | 0.023 | 25.5 | | | | | | 24 | 2 | | 344 | 114 | | | | | | | |
| | | | | | 2 | 2 | 2WU | NO | NO | 3.467 | 21 | | | | | 1,050 | 3,111 | 208 | | 42,713 | 14,095 | | | | | | | |
| | | | | | | 2 | 2WU | NO | NO | 0.023 | 21 | | | | | | | | | | | | | | | | | |
| | | | | | 2 | 2 | 2WU | NO | NO | 0.987 | 21 | | | | | 117 | 840 | 56 | | 12,160 | 4,013 | | | | | | | |
| **TOTAL FOR MAP NO. 2** | | | | | | | | | | **4.946** | | **410** | | | | **1,618** | **4,348** | **291** | **2,500** | **60,618** | **20,078** | | | | | | | |
| 2017CPT.07.11.20011 | Alamance | 3 | SR 1115 (KIMESVILLE ROAD) | FROM FOSTER STORE RD. (SR 1113, MP 0.0) TO GUILFORD COUNTY (MP 0.88) | 2 | 2 | 2WU | NO | NO | 0.898 | 21 | 97 | | | | 525 | 844 | 57 | 500 | 11,063 | 3,651 | | | | | | | |
| **TOTAL FOR MAP NO. 3** | | | | | | | | | | **0.898** | | **97** | | | | **525** | **844** | **57** | **500** | **11,063** | **3,651** | | | | | | | |
| 2017CPT.07.11.20011 | Alamance | 4 | SR 2108 (SUNSET DR.) | FROM NC 54 (MP 0.0) TO (MP 0.37) | 1 | 2 | 2WU | NO | NO | 0.018 | 33 | 23 | | | | 183 | 19 | 1 | 25 | 348 | 115 | | | | | | | |
| | | | | | 1 | 2 | 2WU | NO | NO | 0.018 | 27 | | | | | | 36 | 2 | | 285 | 94 | | | | | | | |
| | | | | | 1 | 2 | 2WU | NO | NO | 0.03 | 21.5 | | | | | 119 | 21 | 1 | | 378 | 125 | | | | | | | |
| | | | | | 1 | 2 | 2WU | NO | NO | 0.052 | 22 | | | | | 122 | 37 | 2 | | 671 | 221 | | | | | | | |
| **TOTAL FOR MAP NO. 4** | | | | | | | | | | **0.118** | | **23** | | | | **424** | **113** | **6** | **25** | **1,682** | **555** | | | | | | | |
| 2017CPT.07.11.20011 | Alamance | 5 | SR 2242 (HERRONWOOD DR.) | FROM NC 87 (MP 0.0) TO NEALWOOD AVE. (SR 2263, MP 0.51) | 1 | 2 | 2WU | NO | NO | 0.491 | 21 | 42 | | | | 117 | 354 | 24 | 25 | 6,049 | 1,996 | | | | | | | |
| **TOTAL FOR MAP NO. 5** | | | | | | | | | | **0.491** | | **42** | | | | **117** | **354** | **24** | **25** | **6,049** | **1,996** | | | | | | | |
| 2017CPT.07.11.20011 | Alamance | 6 | SR 2250 (LOVETTE LN.) | FROM HERRONWOOD DR. (SR 2242, MP 0.0) TO CUL-DE-SAC (MP 0.17) | 1 | 2 | 2WU | NO | NO | 0.166 | 21 | 22 | | | | | 137 | 9 | 25 | 2,045 | 816 | | | | | | | |
| **TOTAL FOR MAP NO. 6** | | | | | | | | | | **0.166** | | **22** | | | | | **137** | **9** | **25** | **2,045** | **816** | | | | | | | |
| 2017CPT.07.11.20011 | Alamance | 7 | SR 2263 (NEALWOOD AVE.) | FROM HERRONWOOD DR. (SR 2242, MP 0.0) TO CUL-DE-SAC (MP 0.19) | 1 | 2 | 2WU | NO | NO | 0.205 | 20 | 18 | | | | | 177 | 12 | 25 | 2,405 | 935 | | | | | | | |
| **TOTAL FOR MAP NO. 7** | | | | | | | | | | **0.205** | | **18** | | | | | **177** | **12** | **25** | **2,405** | **935** | | | | | | | |
| 2017CPT.07.11.20011 | Alamance | 8 | SR 2272 (COUNTRY CLUB TR.) | FROM GEORGE BASON RD. (SR 2156, MP 0.0) TO PEBBLE DR. (SR 2273, MP 0.08) | 3 | 2 | 2WU | NO | NO | 0.059 | 30 | | 1,038 | | | 333 | 57 | 4 | 25 | | | | | | | | | |
| **TOTAL FOR MAP NO. 8** | | | | | | | | | | **0.059** | | | **1,038** | | | **333** | **57** | **4** | **25** | | | | | | | | | |
| 2017CPT.07.11.20011 | Alamance | 9 | SR 2273 (PEBBLE DR.) | FROM CRESCENT DR. (SR 2274, MP 0.0) TO CUL-DE-SAC (MP 0.26) | 3 | 2 | 2WU | NO | NO | 0.243 | 27 | | 3,984 | | | | 212 | 14 | 25 | | | | 4 | | | | | |
| **TOTAL FOR MAP NO. 9** | | | | | | | | | | **0.243** | | | **3,984** | | | | **212** | **14** | **25** | | | | **4** | | | | | |
| 2017CPT.07.11.20011 | Alamance | 10 | SR 2274 (CRESCENT DR.) | FROM GEORGE BASON RD. (SR 2156, MP 0.0) TO GREYSTONE DR. (MP (0.19) | 3 | 2 | 2WU | NO | NO | 0.183 | 30 | | 3,220 | | | | 178 | 12 | 25 | | | | 4 | | | | | |
| **TOTAL FOR MAP NO. 10** | | | | | | | | | | **0.183** | | | **3,220** | | | | **178** | **12** | **25** | | | | **4** | | | | | |
| 2017CPT.07.11.20011 | Alamance | 11 | 1 SR 2309 (ROGERS ROAD) | FROM NC 87 (MP 0.0) TO SOUTHERN HIGH - MT. HERMON RD. (SR 2321, MP 4.51) | 4 | 2 | 2WU | NO | NO | 0.173 | 21 | 434 | | | | 117 | 197 | 13 | 1,500 | | 810 | 2,131 | | 2 | | | 225 | |
| | | | | | 4 | 2 | 2WU | NO | NO | 0.017 | 27.5 | | | | | | 43 | 3 | | | 104 | 274 | | | | | | |
| | | | | | 5 | 2 | 2WU | NO | NO | 0.018 | 32 | | | | 74 | | 28 | 2 | | | 128 | 338 | | 1 | | | | |
| | | | | | 5 | 2 | 2WU | NO | NO | 0.031 | 34 | | | | 127 | | 51 | 3 | | | 235 | 618 | | | | | | |
| | | | | | 6 | 3 | 2WU | NO | NO | 0.016 | 36 | | | 1,352 | | | 28 | 2 | | | | | | | 1 | | 810 | |
| | | | | | | 3 | | NO | NO | 0.027 | 36 | | | | | | | | | | | | | | | | | |
| | | | | | 7 | 3 | 2WU | NO | NO | 0.022 | 36 | | | | 90 | 300 | 38 | 3 | | | 172 | 465 | | 1 | | | | |
| | | | | | 7 | 2 | 2WU | NO | NO | 0.045 | 31 | | | | 185 | 172 | 68 | 5 | | | 311 | 818 | | | | | | |
| | | | | | 4 | 2 | 2WU | NO | NO | 0.258 | 21 | | | | | | 304 | 20 | | | 1,208 | 3,179 | | | 3 | | | |
| | | | | | 7 | 2 | 2WU | NO | NO | 0.123 | 32 | | | | 505 | | 231 | 15 | | | 877 | 2,309 | | 4 | 1 | | | |
| | | | | | 4 | 2 | 2WU | NO | NO | 0.192 | 21 | | | | | | 196 | 13 | | | 899 | 2,365 | | | | | | |
| | | | | | 4 | 2 | 2WU | NO | NO | 0.011 | 23.5 | | | | | | 33 | 2 | | | 58 | 152 | | | | | | |
| | | | | | 5 | 2 | 2WU | NO | NO | 0.029 | 26 | | | | 119 | | 37 | 2 | | | 168 | 442 | | | | | | |
| | | | | | 4 | 2 | 2WU | NO | NO | 0.082 | 21 | | | | | | 84 | 6 | | | 384 | 1,010 | | | | | | |
| | | | | | 4 | 2 | 2WU | NO | NO | 0.01 | 23.5 | | | | | | 11 | 1 | | | 52 | 138 | | | | | | |
| | | | | | 4 | 2 | 2WU | NO | NO | 0.017 | 26 | | | | | | 21 | 1 | | | 99 | 259 | | | | | | |
| | | | | | 4 | 2 | 2WU | NO | NO | 0.017 | 26.5 | | | | | 74 | 22 | 1 | | | 100 | 264 | 2 | | 2 | | | |
| | | | | | 8 | 2 | 2WU | NO | NO | 0.09 | 27 | | | 1,426 | | | 138 | 9 | | | | | | 1 | 3 | | | |
| | | | | | 8 | 2 | 2WU | NO | NO | 0.005 | 30 | | | 88 | | | 7 | | | | | | | | | | | |
| | | | | | | 2 | 2WU | NO | NO | 0.02 | 31 | | | 365 | | | 30 | 2 | | | | | | | | | | |
| | | | | | 8 | 2 | 2WU | NO | NO | 0.01 | 27.5 | | | 161 | | | 13 | 1 | | | | | | 1 | | | | |
| | | | | | 8 | 2 | 2WU | NO | NO | 0.146 | 26 | | | 2,227 | | | 205 | 14 | | | | | | | | | | |
| | | | | | 8 | 2 | 2WU | NO | NO | 0.017 | 24 | | | 239 | | | 20 | 1 | | | | | | | | | | |
| | | | | | 4 | 2 | 2WU | NO | NO | 1.079 | 22 | | | | | 122 | 1,215 | 81 | | | 5,292 | 13,926 | | | | | | |
| | | | | | | 2 | 2WU | NO | NO | 0.048 | 22 | | | | | | | | | | | | | | | | | |
| | | | | | 4 | 2 | 2WU | NO | NO | 0.608 | 22 | | | | | 244 | 691 | 46 | | | 2,982 | 7,847 | | | | 1 | 102 | 350 |
| | | | | | | 2 | | NO | NO | 0.037 | 22 | | | | | | | | | | | | | | | | | |
| | | | | | 4 | 2 | 2WU | NO | NO | 1.33 | 21 | | | | | 233 | 1,380 | 92 | | | 6,063 | 16,386 | | | | | | |
| **TOTAL FOR MAP NO. 11** | | | | | | | | | | **4.478** | | **434** | | **5,858** | **1,100** | **1,262** | **5,091** | **338** | **1,500** | | **19,942** | **52,921** | **2** | **10** | **10** | **1** | **1,137** | **350** |
| 2017CPT.07.11.20011 | Alamance | 12 | SR 2436 (ADAMS FARM CT.) | FROM NC 49 (MP 0.0) TO CUL-DE-SAC (MP 0.5) | 1 | 2 | 2WU | NO | NO | 0.479 | 21 | 74 | | | | 117 | 370 | 25 | 150 | 5,901 | 2,088 | | | | | | | |
| **TOTAL FOR MAP NO. 12** | | | | | | | | | | **0.479** | | **74** | | | | **117** | **370** | **25** | **150** | **5,901** | **2,088** | | | | | | | |
| 2017CPT.07.11.20011 | Alamance | 13 | SR 2437 (BLACK WALNUT CT.) | FROM ADAMS FARM CT. (SR 2436, MP 0.0) TO CUL-DE-SAC (MP 0.14) | 1 | 2 | 2WU | NO | NO | 0.136 | 20 | 28 | | | | | 112 | 8 | 50 | 1,596 | 668 | | | | | | | |
| **TOTAL FOR MAP NO. 13** | | | | | | | | | | **0.136** | | **28** | | | | | **112** | **8** | **50** | **1,596** | **668** | | | | | | | |
| 2017CPT.07.11.20011 | Alamance | 14 | SR 2603 (IRIS DR.) | FROM SALEM CHURCH RD. (SR 2142, MP 0.0) TO DEAD END (MP 0.44) | 1 | 2 | 2WU | NO | NO | 0.425 | 21 | 28 | | | | 117 | 309 | 21 | 100 | 5,236 | 1,728 | | | | | | | |
| **TOTAL FOR MAP NO. 14** | | | | | | | | | | **0.425** | | **28** | | | | **117** | **309** | **21** | **100** | **5,236** | **1,728** | | | | | | | |
| 2017CPT.07.11.20011 | Alamance | 15 | SR 2604 (BRIDGETTE CT.) | FROM IRIS DR. (SR 2603, MP 0.0) TO CUL-DE-SAC (MP 0.13) | 1 | 2 | 2WU | NO | NO | 0.126 | 21 | 21 | | | | | 110 | 7 | 250 | 1,552 | 653 | | | | | | | |
| **TOTAL FOR MAP NO. 15** | | | | | | | | | | **0.126** | | **21** | | | | | **110** | **7** | **250** | **1,552** | **653** | | | | | | | |
| **TOTAL FOR PROJ NO. 2017CPT.07.11.20011** | | | | | | | | | | **13.082** | | **1,210** | **8,242** | **5,858** | **1,100** | **4,635** | **12,504** | **834** | **5,325** | **99,812** | **53,659** | **52,921** | **10** | **10** | **10** | **1** | **1,137** | **350** |
| **GRAND TOTAL** | | | | | | | | | | **13.082** | | **1,210** | **8,242** | **5,858** | **1,100** | **4,635** | **12,504** | **834** | **5,325** | **99,812** | **53,659** | **52,921** | **10** | **10** | **10** | **1** | **1,137** | **350** |

| PROJECT NO. | SHEET NO. | TOTAL NO. |
|---|---|---|
| 2017CPT.07.11.20011 | 12 | 12 |

# THERMOPLASTIC AND PAINT QUANTITIES

| PROJECT NO | COUNTY | MAP NO | ROUTE | DESCRIPTION | TYP NO | LANES | LANE TYPE | LENGTH | WIDTH | 4399000000-N TEMPORARY TRAFFIC CONTROL LS | 4413000000-E WORK ZONE ADVANCE/GENERAL WARNING SIGNING SF | 4685000000-E 4" X 90 M WHITE THERMO LF | 4686000000-E 4" X 120 M YELLOW THERMO LF | 4690000000-E 6" X 120 M WHITE THERMO LF | 4710000000-E 24" X 120 M WHITE THERMO LF | 4721000000-E THERMO MSG STOP 120 M EA | 4721000000-E THERMO MSG AHEAD 120 M EA | 4725000000-E THERMO LT ARROW 90 M EA | 4725000000-E THERMO STR & RT ARROW 90 M EA | 4725000000-E THERMO RT ARROW 90 M EA | 4810000000-E 4" WHITE PAINT LF | 4810000000-E 4" YELLOW PAINT LF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2017CPT.07.11.20011 | Alamance | 1 | SR 1200 (REGULATOR DR.) | FROM CLAPP MILL RD. (SR 1129, MP 0.0) TO DE (MP 0.08) | 1 | 2 | 2WU | 0.129 | 22 | 1 | 15 | | | | | | | | | | | |
| **TOTAL FOR MAP NO. 1** | | | | | | | | **0.129** | | **1** | **15** | | | | | | | | | | | |
| 2017CPT.07.11.20011 | Alamance | 2 | SR 1113 (KIMESVILLE ROAD) | FROM FOSTER STORE RD. (SR 1113, MP 2.01) TO NC 62 (MP 7.01) | 2 | 2 | 2WU | 0.382 | 21 | | 558 | 880 | | 120 | | 4 | 5 | | | | 104,440 | 104,440 |
| | | | | | 2 | 2 | 2WU | 0.01 | 25.5 | | | | | | | | | | | | | |
| | | | | | 2 | 2 | 2WU | 0.014 | 30 | | | | | | | | | | | | | |
| | | | | | | 2 | 2WU | 0.023 | 30 | | | | | | | | | | | | | |
| | | | | | 2 | 2 | 2WU | 0.017 | 30 | | | | | | | | | | | | | |
| | | | | | 2 | 2 | 2WU | 0.023 | 25.5 | | | | | | | | | | | | | |
| | | | | | 2 | 2 | 2WU | 3.467 | 21 | | | | | | | | | | | | | |
| | | | | | | 2 | 2WU | 0.023 | 21 | | | | | | | | | | | | | |
| | | | | | 2 | 2 | 2WU | 0.987 | 21 | | | | | | | | | | | | | |
| **TOTAL FOR MAP NO. 2** | | | | | | | | **4.946** | | | **558** | **880** | | **120** | | **4** | **5** | | | | **104,440** | **104,440** |
| 2017CPT.07.11.20011 | Alamance | 3 | SR 1115 (KIMESVILLE ROAD) | FROM FOSTER STORE RD. (SR 1113, MP 0.0) TO GUILFORD COUNTY (MP 0.88) | 2 | 2 | 2WU | 0.898 | 21 | | 101 | 330 | | 44 | | | | | | | 19,520 | 18,960 |
| **TOTAL FOR MAP NO. 3** | | | | | | | | **0.898** | | | **101** | **330** | | **44** | | | | | | | **19,520** | **18,960** |
| 2017CPT.07.11.20011 | Alamance | 4 | SR 2108 (SUNSET DR.) | FROM NC 54 (MP 0.0) TO (MP 0.37) | 1 | 2 | 2WU | 0.018 | 33 | | 16 | 110 | | 8 | 18 | | | | | | 2,500 | 2,500 |
| | | | | | 1 | 2 | 2WU | 0.018 | 27 | | | | | | | | | | | | | |
| | | | | | 1 | 2 | 2WU | 0.03 | 21.5 | | | | | | | | | | | | | |
| | | | | | 1 | 2 | 2WU | 0.052 | 22 | | | | | | | | | | | | | |
| **TOTAL FOR MAP NO. 4** | | | | | | | | **0.118** | | | **16** | **110** | | **8** | **18** | | | | | | **2,500** | **2,500** |
| 2017CPT.07.11.20011 | Alamance | 5 | SR 2242 (HERRONWOOD DR.) | FROM NC 87 (MP 0.0) TO NEALWOOD AVE. (SR 2263, MP 0.51) | 1 | 2 | 2WU | 0.491 | 21 | | 55 | | | | | | | | | | | |
| **TOTAL FOR MAP NO. 5** | | | | | | | | **0.491** | | | **55** | | | | | | | | | | | |
| 2017CPT.07.11.20011 | Alamance | 6 | SR 2250 (LOVETTE LN.) | FROM HERRONWOOD DR. (SR 2242, MP 0.0) TO CUL-DE-SAC (MP 0.17) | 1 | 2 | 2WU | 0.166 | 21 | | 19 | | | | | | | | | | | |
| **TOTAL FOR MAP NO. 6** | | | | | | | | **0.166** | | | **19** | | | | | | | | | | | |
| 2017CPT.07.11.20011 | Alamance | 7 | SR 2263 (NEALWOOD AVE.) | FROM HERRONWOOD DR. (SR 2242, MP 0.0) TO CUL-DE-SAC (MP 0.19) | 1 | 2 | 2WU | 0.205 | 20 | | 23 | | | | | | | | | | | |
| **TOTAL FOR MAP NO. 7** | | | | | | | | **0.205** | | | **23** | | | | | | | | | | | |
| 2017CPT.07.11.20011 | Alamance | 8 | SR 2272 (COUNTRY CLUB TR.) | FROM GEORGE BASON RD. (SR 2156, MP 0.0) TO PEBBLE DR. (SR 2273, MP 0.08) | 3 | 2 | 2WU | 0.059 | 30 | | 7 | | | | | | | | | | | |
| **TOTAL FOR MAP NO. 8** | | | | | | | | **0.059** | | | **7** | | | | | | | | | | | |
| 2017CPT.07.11.20011 | Alamance | 9 | SR 2273 (PEBBLE DR.) | FROM CRESCENT DR. (SR 2274, MP 0.0) TO CUL-DE-SAC (MP 0.26) | 3 | 2 | 2WU | 0.243 | 27 | | 28 | | | | | | | | | | | |
| **TOTAL FOR MAP NO. 9** | | | | | | | | **0.243** | | | **28** | | | | | | | | | | | |
| 2017CPT.07.11.20011 | Alamance | 10 | SR 2274 (CRESCENT DR.) | FROM GEORGE BASON RD. (SR 2156, MP 0.0) TO GREYSTONE DR. (MP (0.19) | 3 | 2 | 2WU | 0.183 | 30 | | 21 | | | | | | | | | | | |
| **TOTAL FOR MAP NO. 10** | | | | | | | | **0.183** | | | **21** | | | | | | | | | | | |
| 2017CPT.07.11.20011 | Alamance | 11 | SR 2309 (ROGERS ROAD) | FROM NC 87 (MP 0.0) TO SOUTHERN HIGH - MT. HERMON RD. (SR 2321, MP 4.51) | 4 | 2 | 2WU | 0.173 | 21 | | 360 | 60,524 | 59,622 | 176 | 36 | | | 3 | 3 | 2 | | |
| | | | | | 4 | 2 | 2WU | 0.017 | 27.5 | | | | | | | | | | | | | |
| | | | | | 5 | 2 | 2WU | 0.018 | 32 | | | | | | | | | | | | | |
| | | | | | 5 | 2 | 2WU | 0.031 | 34 | | | | | | | | | | | | | |
| | | | | | 6 | 3 | 2WU | 0.016 | 36 | | | | | | | | | | | | | |
| | | | | | | 3 | | 0.027 | 36 | | | | | | | | | | | | | |
| | | | | | 7 | 3 | 2WU | 0.022 | 36 | | | | | | | | | | | | | |
| | | | | | 7 | 2 | 2WU | 0.045 | 31 | | | | | | | | | | | | | |
| | | | | | 4 | 2 | 2WU | 0.258 | 21 | | | | | | | | | | | | | |
| | | | | | 7 | 2 | 2WU | 0.123 | 32 | | | | | | | | | | | | | |
| | | | | | 4 | 2 | 2WU | 0.192 | 21 | | | | | | | | | | | | | |
| | | | | | 4 | 2 | 2WU | 0.011 | 23.5 | | | | | | | | | | | | | |
| | | | | | 5 | 2 | 2WU | 0.029 | 26 | | | | | | | | | | | | | |
| | | | | | 4 | 2 | 2WU | 0.082 | 21 | | | | | | | | | | | | | |
| | | | | | 4 | 2 | 2WU | 0.01 | 23.5 | | | | | | | | | | | | | |
| | | | | | 4 | 2 | 2WU | 0.017 | 26 | | | | | | | | | | | | | |
| | | | | | 4 | 2 | 2WU | 0.017 | 26.5 | | | | | | | | | | | | | |
| | | | | | 8 | 2 | 2WU | 0.09 | 27 | | | | | | | | | | | | | |
| | | | | | 8 | 2 | 2WU | 0.005 | 30 | | | | | | | | | | | | | |
| | | | | | | 2 | 2WU | 0.02 | 31 | | | | | | | | | | | | | |
| | | | | | 8 | 2 | 2WU | 0.01 | 27.5 | | | | | | | | | | | | | |
| | | | | | 8 | 2 | 2WU | 0.146 | 26 | | | | | | | | | | | | | |
| | | | | | 8 | 2 | 2WU | 0.017 | 24 | | | | | | | | | | | | | |
| | | | | | 4 | 2 | 2WU | 1.079 | 22 | | | | | | | | | | | | | |
| | | | | | | 2 | 2WU | 0.048 | 22 | | | | | | | | | | | | | |
| | | | | | 4 | 2 | 2WU | 0.608 | 22 | | | | | | | | | | | | | |
| | | | | | | 2 | | 0.037 | 22 | | | | | | | | | | | | | |
| | | | | | 4 | 2 | 2WU | 1.33 | 21 | | | | | | | | | | | | | |
| **TOTAL FOR MAP NO. 11** | | | | | | | | **4.478** | | | **360** | **60,524** | **59,622** | **176** | **36** | | | **3** | **3** | **2** | | |
| 2017CPT.07.11.20011 | Alamance | 12 | SR 2436 (ADAMS FARM CT.) | FROM NC 49 (MP 0.0) TO CUL-DE-SAC (MP 0.5) | 1 | 2 | 2WU | 0.479 | 21 | | 54 | | | | | | | | | | | |
| **TOTAL FOR MAP NO. 12** | | | | | | | | **0.479** | | | **54** | | | | | | | | | | | |
| 2017CPT.07.11.20011 | Alamance | 13 | SR 2437 (BLACK WALNUT CT.) | FROM ADAMS FARM CT. (SR 2436, MP 0.0) TO CUL-DE-SAC (MP 0.14) | 1 | 2 | 2WU | 0.136 | 20 | | 16 | | | | | | | | | | | |
| **TOTAL FOR MAP NO. 13** | | | | | | | | **0.136** | | | **16** | | | | | | | | | | | |
| 2017CPT.07.11.20011 | Alamance | 14 | SR 2603 (IRIS DR.) | FROM SALEM CHURCH RD. (SR 2142, MP 0.0) TO DEAD END (MP 0.44) | 1 | 2 | 2WU | 0.425 | 21 | | 48 | | | | | | | | | | | |
| **TOTAL FOR MAP NO. 14** | | | | | | | | **0.425** | | | **48** | | | | | | | | | | | |
| 2017CPT.07.11.20011 | Alamance | 15 | SR 2604 (BRIDGETTE CT.) | FROM IRIS DR. (SR 2603, MP 0.0) TO CUL-DE-SAC (MP 0.13) | 1 | 2 | 2WU | 0.126 | 21 | | 15 | | | | | | | | | | | |
| **TOTAL FOR MAP NO. 15** | | | | | | | | **0.126** | | | **15** | | | | | | | | | | | |
| **TOTAL FOR PROJ NO. 2017CPT.07.11.20011** | | | | | | | | **13.082** | | **1** | **1,336** | **61,844** | **59,622** | **348** | **54** | **4** | **5** | **3** | **3** | **2** | **126,460** | **125,900** |
| | | | | | | | | | | | | | | | | **9** | | **8** | | | **252,360** | |
| **GRAND TOTAL** | | | | | | | | **13.082** | | **1** | **1,336** | **61,844** | **59,622** | **348** | **54** | **4** | **5** | **3** | **3** | **2** | **126,460** | **125,900** |
| | | | | | | | | | | | | | | | | **9** | | **8** | | | **252,360** | |