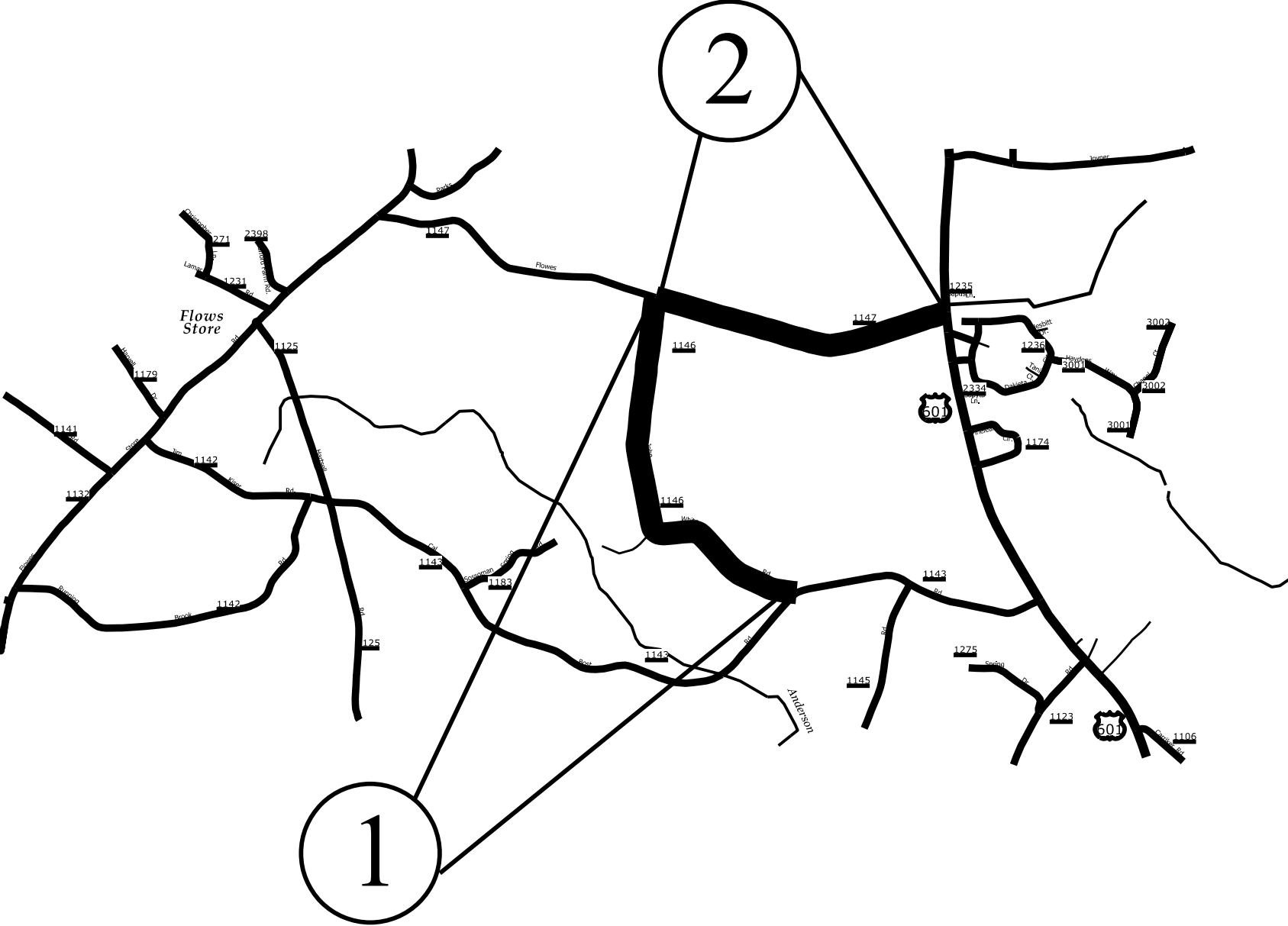


| STATE            | PROJECT NO.                                             | SHEET NO. | TOTAL SHEETS |
|------------------|---------------------------------------------------------|-----------|--------------|
| N.C.             | 2025CPT.10.05.20131<br>2025CPT.10.05.20132<br>10.101311 | 1         | 20           |
| F.A. PROJECT NO. |                                                         |           |              |

ENLARGED MUNICIPAL AND SUBURBAN AREAS  
CABARRUS COUNTY  
NORTH CAROLINA  
PREPARED BY: EHE  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 1

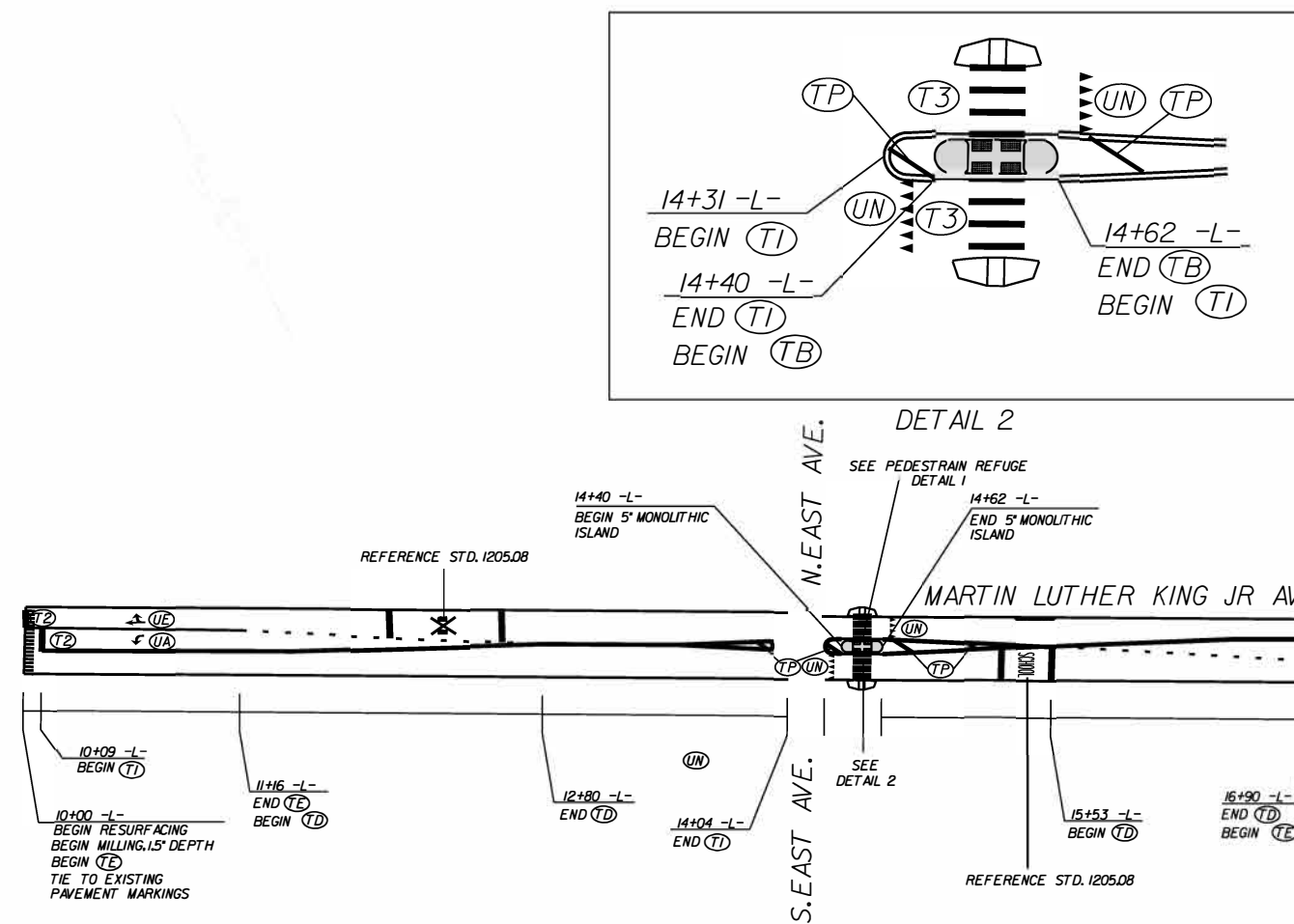


MAP #1 - SR 1146 JOHN WHITE ROAD  
1.44 MILES  
FROM SR 1147 FLOWES STORE ROAD EAST (MP 0.0)  
TO SR 1143 CARL BOST ROAD (MP 1.44)

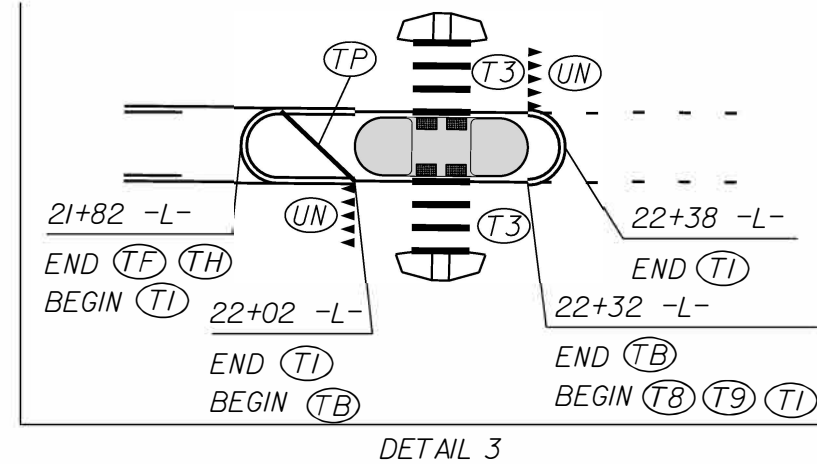
MAP #2 - SR 1147 FLOWES STORE ROAD EAST  
1.06 MILES  
FROM SR 1146 (JOHN WHITE ROAD) (MP 1.10)  
TO US 601 (MP 2.16)



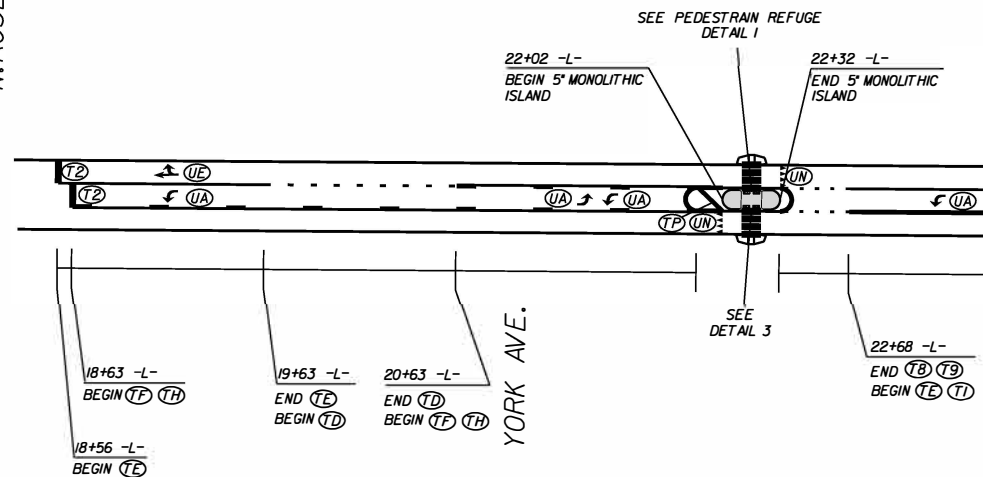




N. ROSE AVE.  
S. ROSE AVE.



DETAIL 3



MATCHLINE 24+00 -L-  
SEE SHEET 5

PAVEMENT MARKING SCHEDULE

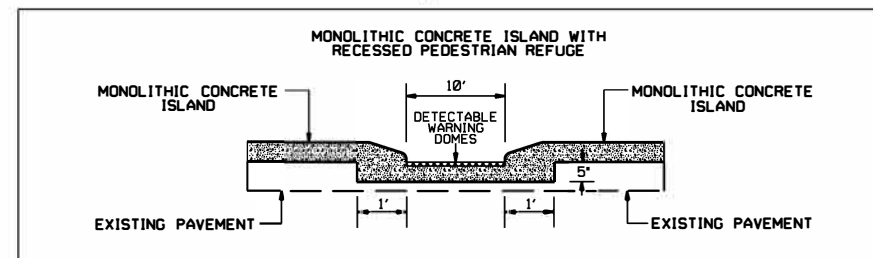
PAVEMENT MARKING LINES

- |                                               |                                                              |
|-----------------------------------------------|--------------------------------------------------------------|
| TA - WHITE EDGELINE (4', 90 MIL)              | TU - WHITE DIAGONAL (12', 90 MIL)                            |
| TB - YELLOW EDGELINE (4', 90 MIL)             | TV - YELLOW DIAGONAL (12', 90 MIL)                           |
| TC - 10FT. WHITE SKIP (4', 90 MIL)            | TI - WHITE LINE, RR X (16', 90 MIL)                          |
| TD - 3FT.-9FT./SP WHITE MINISKIP (4', 90 MIL) | T2 - WHITE STOPBAR (24', 90 MIL)                             |
| TE - WHITE SOLID LANE LINE (4', 90 MIL)       | T3 - WHITE CROSSWALK LINE (24', 90 MIL)                      |
| TF - 10FT. YELLOW SKIP (4', 90 MIL)           | T4 - WHITE RUMBLE STRIP (4', 240 MIL)                        |
| TH - YELLOW SINGLE CENTER (4', 90 MIL)        | T5 - YELLOW RUMBLE STRIP (4', 240 MIL)                       |
| TI - YELLOW DOUBLE CENTER (4', 90 MIL)        | T6 - WHITE EDGELINE (6', 90 MIL)                             |
| TJ - 10FT. WHITE SKIP (6', 90 MIL)            | T7 - YELLOW EDGELINE (6', 90 MIL)                            |
| TK - 3FT.-9FT./SP WHITE MINISKIP (6', 90 MIL) | T8 - 2FT.-6FT./SP WHITE MINISKIP (4', 90 MIL)                |
| TL - WHITE SOLID LANE LINE (6', 90 MIL)       | T9 - 2FT.-6FT./SP YELLOW MINISKIP (4', 90 MIL)               |
| TM - 10FT. YELLOW SKIP (6', 90 MIL)           | T10 - 3FT.-3FT./SP WHITE MINISKIP (12', 90 MIL)              |
| TN - WHITE GORELINE (8', 90 MIL)              | T11 - 2FT.-6FT./SP WHITE MINISKIP (6', 90 MIL)               |
| TO - WHITE DIAGONAL (8', 90 MIL)              | T12 - 2FT.-6FT./SP YELLOW MINISKIP (6', 90 MIL)              |
| TP - YELLOW DIAGONAL (8', 90 MIL)             | T13 - 3FT.-9FT./SP WHITE MINISKIP (8', 90 MIL)               |
| TR - WHITE CROSSWALK LINE (8', 90 MIL)        | T14 - 3FT.-9FT./SP WHITE MINISKIP (12', 90 MIL)              |
| TS - WHITE SOLID LANE LINE (8', 90 MIL)       | T15 - YELLOW SINGLE CENTER (6', 90 MIL)                      |
| TT - WHITE GORELINE (12', 90 MIL)             | T16 - YELLOW DOUBLE CENTER (6', 90 MIL)                      |
|                                               | T17 - 3FT.-3FT./SP WHITE MINISKIP ENTRANCE LINE (8', 90 MIL) |

PAVEMENT MARKING SYMBOLS

- |                                               |                                                            |
|-----------------------------------------------|------------------------------------------------------------|
| UA - LEFT TURN ARROW (90 MIL)                 | UU - FISH-HOOK STRAIGHT ARROW (90 MIL)                     |
| UB - RIGHT TURN ARROW (90 MIL)                | UV - FISH-HOOK LEFT/STRAIGHT ARROW (90 MIL)                |
| UC - STRAIGHT ARROW (90 MIL)                  | UX - FISH-HOOK RIGHT/STRAIGHT ARROW (90 MIL)               |
| UD - COMBO LEFT/STRAIGHT ARROW (90 MIL)       | UY - FISH-HOOK LEFT/RIGHT/STRAIGHT ARROW (90 MIL)          |
| UE - COMBO RIGHT/STRAIGHT ARROW (90 MIL)      | UZ - FISH-HOOK W/CIRCLE STRAIGHT ARROW (90 MIL)            |
| UF - COMBO LEFT/RIGHT ARROW (90 MIL)          |                                                            |
| UG - COMBO LEFT/RIGHT/STRAIGHT ARROW (90 MIL) |                                                            |
| UH - HANDICAP PARKING (90 MIL)                | WA - FISH-HOOK W/CIRCLE LEFT ARROW (90 MIL)                |
| UI - ALPHANUMERIC CHAR. (90 MIL)              | WB - FISH-HOOK W/CIRCLE LEFT/STRAIGHT ARROW (90 MIL)       |
| UJ - BICYCLE SYMBOL (90 MIL)                  | WC - FISH-HOOK W/CIRCLE LEFT/RIGHT/STRAIGHT ARROW (90 MIL) |
| UK - BICYCLE STRAIGHT ARROW (90 MIL)          |                                                            |
| UL - BICYCLE CHAR. (90 MIL)                   | MA - PERMANENT RAISED MARKER (YELLOW & YELLOW)             |
| UM - 12' YIELD LINE TRIANGLE (90 MIL)         | MB - PERMANENT RAISED MARKER (CRYSTAL & RED)               |
| UN - 24' YIELD LINE TRIANGLE (90 MIL)         | MC - PERMANENT RAISED MARKER (YELLOW & RED)                |
| UO - BICYCLE LEFT ARROW (90 MIL)              | MD - PERMANENT RAISED MARKER (YELLOW)                      |
| UP - MERGE ARROW (90 MIL)                     | ME - SNOWPLOWABLE MARKER (YELLOW & YELLOW)                 |
| UQ - RAMP ARROW SYMBOL (90 MIL)               | MF - SNOWPLOWABLE MARKER (CRYSTAL & RED)                   |
| UR - SHARROW (90 MIL)                         | MG - SNOWPLOWABLE MARKER (YELLOW & RED)                    |
| US - BICYCLE LOOP DETECTOR (90 MIL)           | ML - PERMANENT RAISED MARKER (CRYSTAL & CRYSTAL)           |
| UT - U-TURN ARROW (90 MIL)                    | MO - SNOWPLOWABLE MARKER (CRYSTAL & CRYSTAL)               |

DETAIL 1

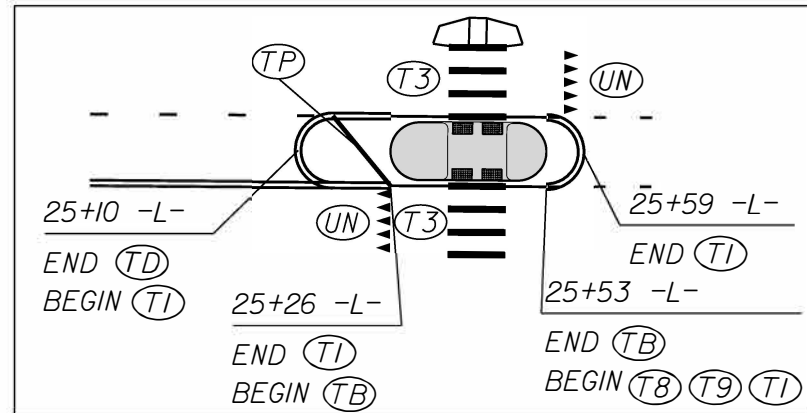


MARTIN LUTHER KING RD.  
ROAD DIET

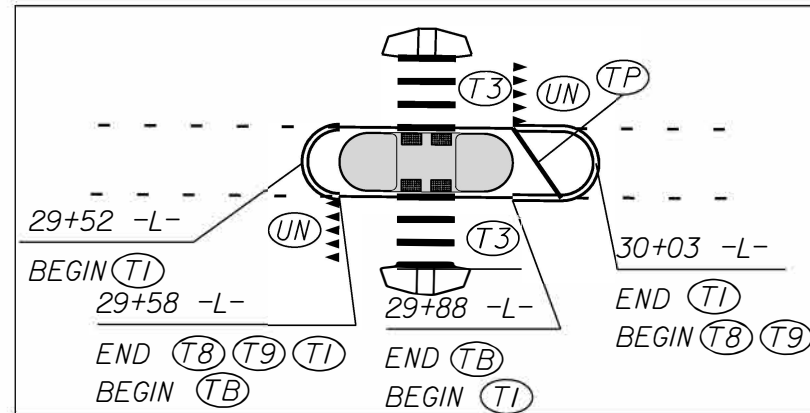
SCALE 1"=50'  
DATE  
DWG. BY  
DESIGN BY  
APPROVED



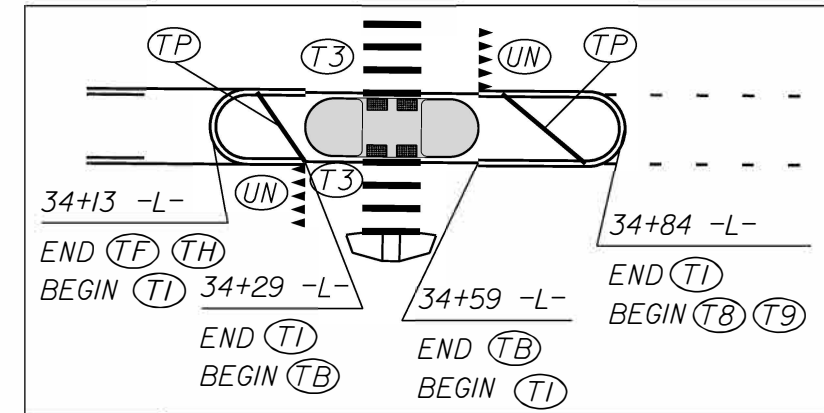
REVISIONS



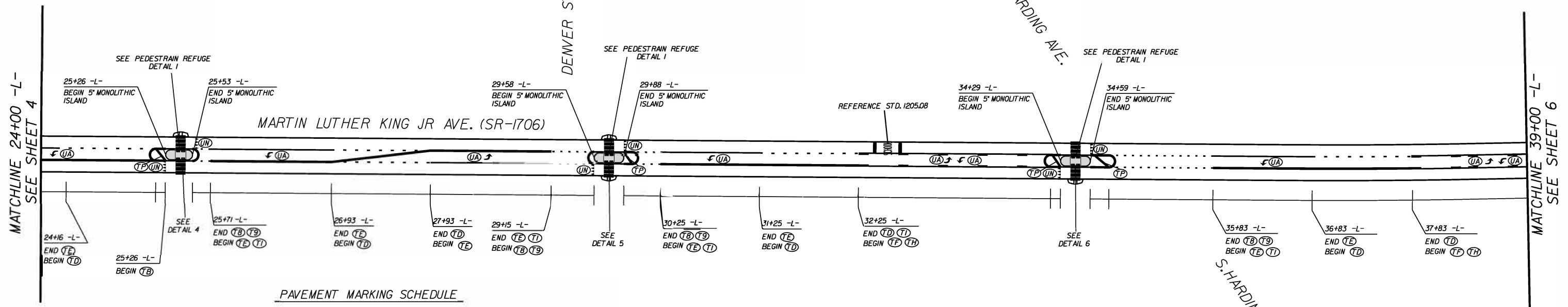
DETAIL 4



DETAIL 5



DETAIL 6



PAVEMENT MARKING SCHEDULE

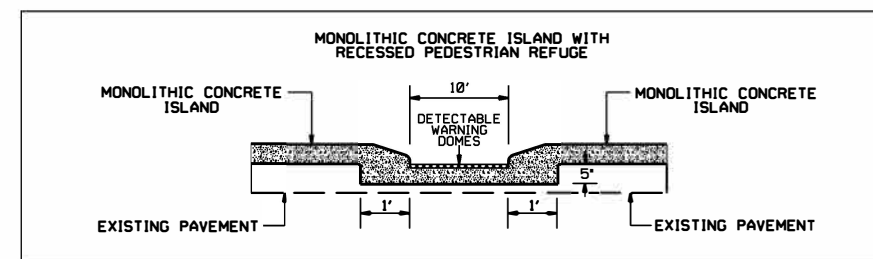
PAVEMENT MARKING LINES

- |                                                |                                                               |
|------------------------------------------------|---------------------------------------------------------------|
| TA - WHITE EDGELINE (4', 90 MIL)               | TU - WHITE DIAGONAL (12', 90 MIL)                             |
| TB - YELLOW EDGELINE (4', 90 MIL)              | TV - YELLOW DIAGONAL (12', 90 MIL)                            |
| TC - 10FT. WHITE SKIP (4', 90 MIL)             | T1 - WHITE LINE, RR X (16', 90 MIL)                           |
| TD - 3FT.-9FT./SP WHITE MINISKIP (4', 90 MIL)  | T2 - WHITE STOPBAR (24', 90 MIL)                              |
| TE - WHITE SOLID LANE LINE (4', 90 MIL)        | T3 - WHITE CROSSWALK LINE (24', 90 MIL)                       |
| TF - 10FT. YELLOW SKIP (4', 90 MIL)            | T4 - WHITE RUMBLE STRIP (4", 240 MIL)                         |
| TH - YELLOW SINGLE CENTER (4', 90 MIL)         | T5 - YELLOW RUMBLE STRIP (4", 240 MIL)                        |
| TI - YELLOW DOUBLE CENTER (4', 90 MIL)         | T6 - WHITE EDGELINE (16', 90 MIL)                             |
| TJ - 10FT. WHITE SKIP (16', 90 MIL)            | T7 - YELLOW EDGELINE (16', 90 MIL)                            |
| TK - 3FT.-9FT./SP WHITE MINISKIP (16', 90 MIL) | T8 - 2FT.-6FT./SP WHITE MINISKIP (4', 90 MIL)                 |
| TL - WHITE SOLID LANE LINE (16', 90 MIL)       | T9 - 2FT.-6FT./SP YELLOW MINISKIP (4', 90 MIL)                |
| TM - 10FT. YELLOW SKIP (16', 90 MIL)           | T10 - 3FT.-3FT./SP WHITE MINISKIP (12', 90 MIL)               |
| TN - WHITE GORELINE (16', 90 MIL)              | T11 - 2FT.-6FT./SP WHITE MINISKIP (16', 90 MIL)               |
| TO - WHITE DIAGONAL (16', 90 MIL)              | T12 - 2FT.-6FT./SP YELLOW MINISKIP (16', 90 MIL)              |
| TP - YELLOW DIAGONAL (16', 90 MIL)             | T13 - 3FT.-9FT./SP WHITE MINISKIP (16', 90 MIL)               |
| TQ - WHITE CROSSWALK LINE (16', 90 MIL)        | T14 - 3FT.-9FT./SP WHITE MINISKIP (12', 90 MIL)               |
| TR - WHITE SOLID LANE LINE (16', 90 MIL)       | T15 - YELLOW SINGLE CENTER (16', 90 MIL)                      |
| TS - WHITE GORELINE (12', 90 MIL)              | T16 - YELLOW DOUBLE CENTER (16', 90 MIL)                      |
| TT - WHITE SOLID LANE LINE (12', 90 MIL)       | T17 - 3FT.-3FT./SP WHITE MINISKIP ENTRANCE LINE (16', 90 MIL) |

PAVEMENT MARKING SYMBOLS

- |                                                |                                                            |
|------------------------------------------------|------------------------------------------------------------|
| UA - LEFT TURN ARROW (90 MIL)                  | UU - FISH-HOOK STRAIGHT ARROW (90 MIL)                     |
| UB - RIGHT TURN ARROW (90 MIL)                 | UV - FISH-HOOK LEFT/STRAIGHT ARROW (90 MIL)                |
| UC - STRAIGHT ARROW (90 MIL)                   | UW - FISH-HOOK RIGHT/STRAIGHT ARROW (90 MIL)               |
| UD - COMBO. LEFT/STRAIGHT ARROW (90 MIL)       | UX - FISH-HOOK LEFT/RIGHT ARROW (90 MIL)                   |
| UE - COMBO. RIGHT/STRAIGHT ARROW (90 MIL)      | UY - FISH-HOOK LEFT/RIGHT/STRAIGHT ARROW (90 MIL)          |
| UF - COMBO. LEFT/RIGHT ARROW (90 MIL)          | UZ - FISH-HOOK W/CIRCLE STRAIGHT ARROW (90 MIL)            |
| UG - COMBO. LEFT/RIGHT/STRAIGHT ARROW (90 MIL) |                                                            |
| UH - HANDICAP PARKING (90 MIL)                 | WA - FISH-HOOK W/CIRCLE LEFT ARROW (90 MIL)                |
| UI - ALPHANUMERIC CHAR. (90 MIL)               | WB - FISH-HOOK W/CIRCLE LEFT/STRAIGHT ARROW (90 MIL)       |
| UJ - BICYCLE SYMBOL (90 MIL)                   | WC - FISH-HOOK W/CIRCLE LEFT/RIGHT/STRAIGHT ARROW (90 MIL) |
| UK - BICYCLE STRAIGHT ARROW (90 MIL)           |                                                            |
| UL - BICYCLE CHAR. (90 MIL)                    | MA - PERMANENT RAISED MARKER (YELLOW & YELLOW)             |
| UM - 12" YIELD LINE TRIANGLE (90 MIL)          | MB - PERMANENT RAISED MARKER (CRYSTAL & RED)               |
| UN - 24" YIELD LINE TRIANGLE (90 MIL)          | MC - PERMANENT RAISED MARKER (YELLOW & RED)                |
| UO - BICYCLE LEFT ARROW (90 MIL)               | MD - PERMANENT RAISED MARKER (YELLOW)                      |
| UP - MERGE ARROW (90 MIL)                      | ME - SNOWPLOWABLE MARKER (YELLOW & YELLOW)                 |
| UQ - RAMP ARROW SYMBOL (90 MIL)                | MF - SNOWPLOWABLE MARKER (CRYSTAL & RED)                   |
| UR - SHARROW (90 MIL)                          | MG - SNOWPLOWABLE MARKER (YELLOW & RED)                    |
| US - BICYCLE LOOP DETECTOR (90 MIL)            | ML - PERMANENT RAISED MARKER (CRYSTAL & CRYSTAL)           |
| UT - U-TURN ARROW (90 MIL)                     | MO - SNOWPLOWABLE MARKER (CRYSTAL & CRYSTAL)               |

DETAIL 1



MARTIN LUTHER KING RD.  
ROAD DIET

SCALE 1"=50'  
DATE  
DWG. BY  
DESIGN BY  
APPROVED



| REVISIONS |
|-----------|
|           |
|           |
|           |

MATCHLINE 39+00 -L-  
SEE SHEET 5

MARTIN LUTHER KING JR AVE. (SR-1706)

PAVEMENT MARKING SCHEDULE

PAVEMENT MARKING LINES

- |                                              |                                                             |
|----------------------------------------------|-------------------------------------------------------------|
| TA - WHITE EDGETLINE (4",90 MIL)             | TU - WHITE DIAGONAL (12",90 MIL)                            |
| TB - YELLOW EDGETLINE (4",90 MIL)            | TV - YELLOW DIAGONAL (12",90 MIL)                           |
| TC - 10FT. WHITE SKIP (4",90 MIL)            | T1 - WHITE LINE, RR X (16",90 MIL)                          |
| TD - 3FT.-9FT./SP WHITE MINISKIP (4",90 MIL) | T2 - WHITE STOPBAR (24",90 MIL)                             |
| TE - WHITE SOLID LANE LINE (4",90 MIL)       | T3 - WHITE CROSSWALK LINE (24",90 MIL)                      |
| TF - 10FT. YELLOW SKIP (4",90 MIL)           | T4 - WHITE RUMBLE STRIP (4",240 MIL)                        |
| TH - YELLOW SINGLE CENTER (4",90 MIL)        | T5 - YELLOW RUMBLE STRIP (4",240 MIL)                       |
| TI - YELLOW DOUBLE CENTER (4",90 MIL)        | T6 - WHITE EDGETLINE (6",90 MIL)                            |
| TJ - 10FT. WHITE SKIP (6",90 MIL)            | T7 - YELLOW EDGETLINE (6",90 MIL)                           |
| TK - 3FT.-9FT./SP WHITE MINISKIP (6",90 MIL) | T8 - 2FT.-6FT./SP WHITE MINISKIP (4",90 MIL)                |
| TL - WHITE SOLID LANE LINE (6",90 MIL)       | T9 - 2FT.-6FT./SP YELLOW MINISKIP (4",90 MIL)               |
| TM - 10FT. YELLOW SKIP (6",90 MIL)           | T10 - 3FT.-3FT./SP WHITE MINISKIP (12",90 MIL)              |
| TN - WHITE GORELINE (8",90 MIL)              | T11 - 2FT.-6FT./SP WHITE MINISKIP (6",90 MIL)               |
| TO - WHITE DIAGONAL (8",90 MIL)              | T12 - 2FT.-6FT./SP YELLOW MINISKIP (6",90 MIL)              |
| TP - YELLOW DIAGONAL (8",90 MIL)             | T13 - 3FT.-9FT./SP WHITE MINISKIP (8",90 MIL)               |
| TQ - WHITE CROSSWALK LINE (8",90 MIL)        | T14 - 3FT.-9FT./SP WHITE MINISKIP (12",90 MIL)              |
| TR - WHITE SOLID LANE LINE (8",90 MIL)       | T15 - YELLOW SINGLE CENTER (6",90 MIL)                      |
| TS - WHITE GORELINE (12",90 MIL)             | T16 - YELLOW DOUBLE CENTER (6",90 MIL)                      |
| TT - WHITE SOLID LANE LINE (12",90 MIL)      | T17 - 3FT.-3FT./SP WHITE MINISKIP ENTRANCE LINE (8",90 MIL) |

PAVEMENT MARKING SYMBOLS

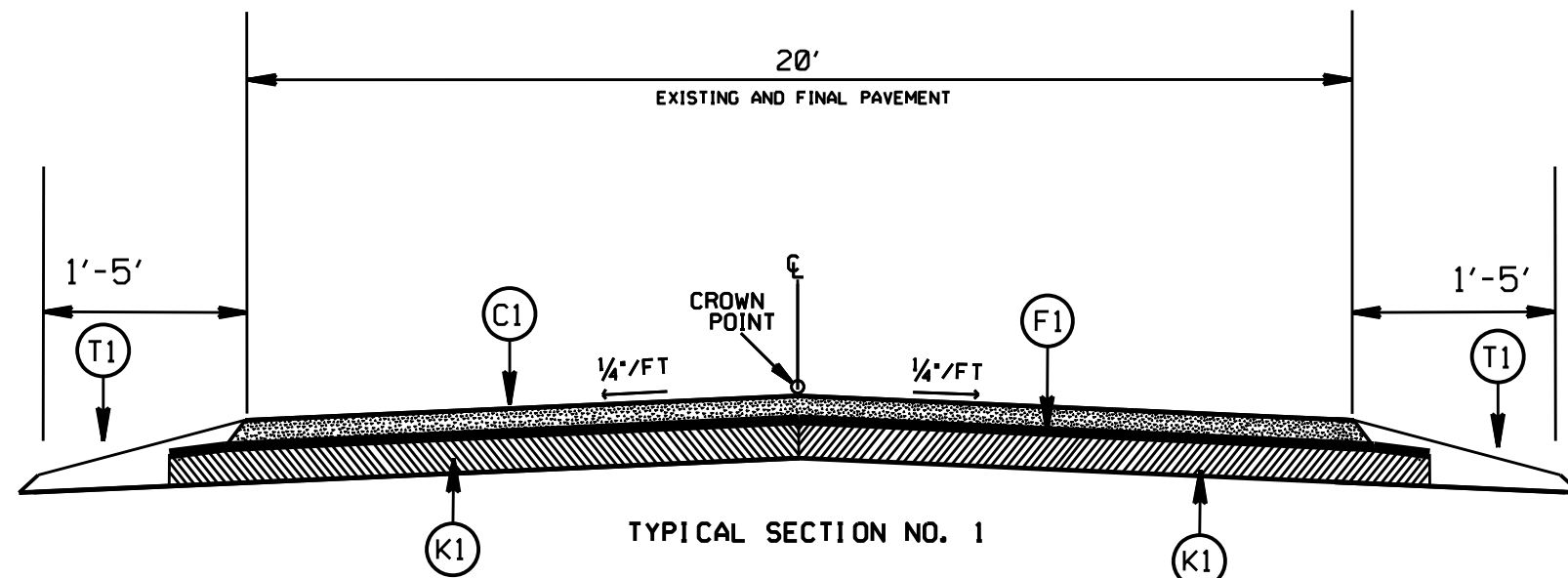
- |                                               |                                                            |
|-----------------------------------------------|------------------------------------------------------------|
| UA -LEFT TURN ARROW (90 MIL)                  | UU - FISH-HOOK STRAIGHT ARROW (90 MIL)                     |
| UB - RIGHT TURN ARROW (90 MIL)                | UV - FISH-HOOK LEFT/STRAIGHT ARROW (90 MIL)                |
| UC - STRAIGHT ARROW (90 MIL)                  | UW - FISH-HOOK RIGHT/STRAIGHT ARROW (90 MIL)               |
| UD - COMBO LEFT/STRAIGHT ARROW (90 MIL)       | UX - FISH-HOOK LEFT/RIGHT ARROW (90 MIL)                   |
| UE - COMBO RIGHT/STRAIGHT ARROW (90 MIL)      | UY - FISH-HOOK LEFT/RIGHT/STRAIGHT ARROW (90 MIL)          |
| UF - COMBO LEFT/RIGHT ARROW (90 MIL)          | UZ - FISH-HOOK W/CIRCLE STRAIGHT ARROW (90 MIL)            |
| UG - COMBO LEFT/RIGHT/STRAIGHT ARROW (90 MIL) | WA - FISH-HOOK W/CIRCLE LEFT ARROW (90 MIL)                |
| UH - HANDICAP PARKING (90 MIL)                | WB - FISH-HOOK W/CIRCLE LEFT/STRAIGHT ARROW (90 MIL)       |
| UI - ALPHANUMERIC CHAR. (90 MIL)              | WC - FISH-HOOK W/CIRCLE LEFT/RIGHT/STRAIGHT ARROW (90 MIL) |
| UJ - BICYCLE SYMBOL (90 MIL)                  | MA - PERMANENT RAISED MARKER (YELLOW & YELLOW)             |
| UK - BICYCLE STRAIGHT ARROW (90 MIL)          | MB - PERMANENT RAISED MARKER (CRYSTAL & RED)               |
| UL - BICYCLE CHAR. (90 MIL)                   | MC - PERMANENT RAISED MARKER (YELLOW & RED)                |
| UM - 12" YIELD LINE TRIANGLE (90 MIL)         | MD - PERMANENT RAISED MARKER (YELLOW)                      |
| UN - 24" YIELD LINE TRIANGLE (90 MIL)         | ME - SNOWPLOWABLE MARKER (YELLOW & YELLOW)                 |
| UO - BICYCLE LEFT ARROW (90 MIL)              | MF - SNOWPLOWABLE MARKER (CRYSTAL & RED)                   |
| UP - MERGE ARROW (90 MIL)                     | MG - SNOWPLOWABLE MARKER (YELLOW & RED)                    |
| UQ - RAMP ARROW SYMBOL (90 MIL)               | ML - PERMANENT RAISED MARKER (CRYSTAL & CRYSTAL)           |
| UR - SHARROW (90 MIL)                         | MO - SNOWPLOWABLE MARKER (CRYSTAL & CRYSTAL)               |
| US - BICYCLE LOOP DETECTOR (90 MIL)           |                                                            |
| UT - U-TURN ARROW (90 MIL)                    |                                                            |

MARTIN LUTHER KING RD.  
ROAD DIET

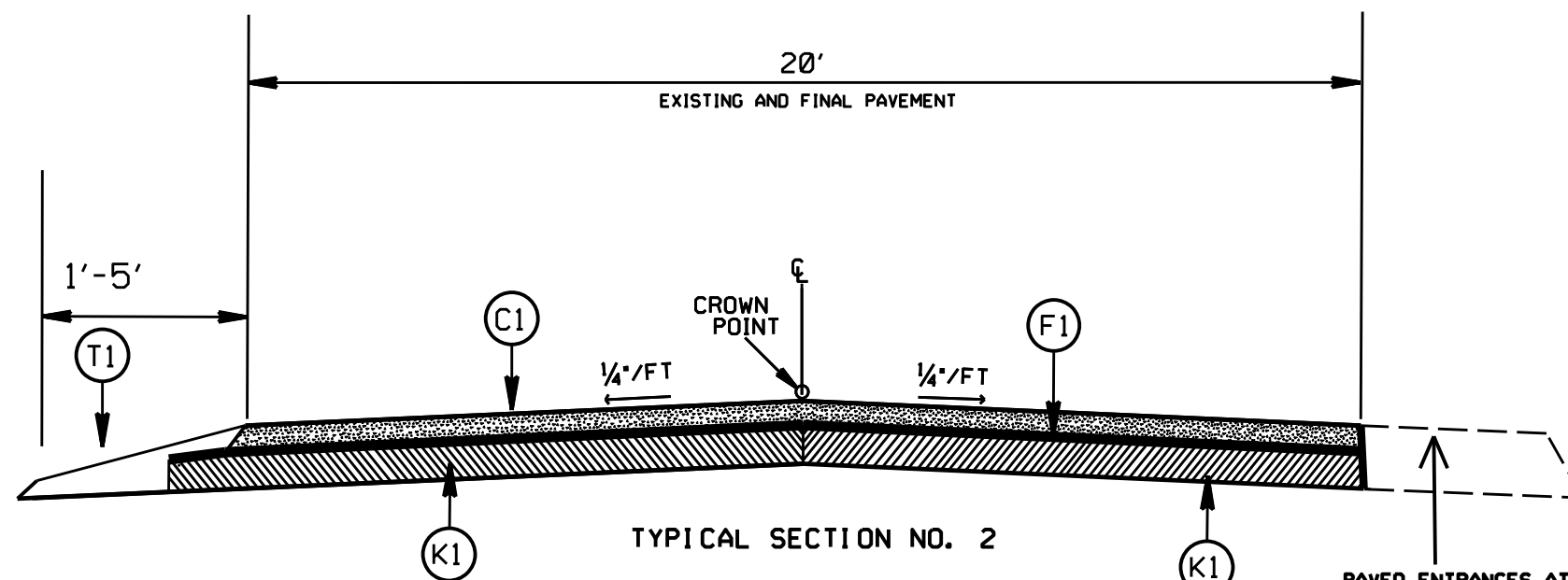
|           |        |           |
|-----------|--------|-----------|
| SCALE     | 1"=50' | REVISIONS |
| DATE      |        |           |
| DWG. BY   |        |           |
| DESIGN BY |        |           |
| APPROVED  |        |           |







MAP 1 - SR 1146 JOHN WHITE ROAD  
 MAP 2 - SR 1147 FLOWES STORE ROAD EAST



MAP 1 - SR 1146 JOHN WHITE ROAD  
 MAP 2 - SR 1147 FLOWES STORE ROAD EAST

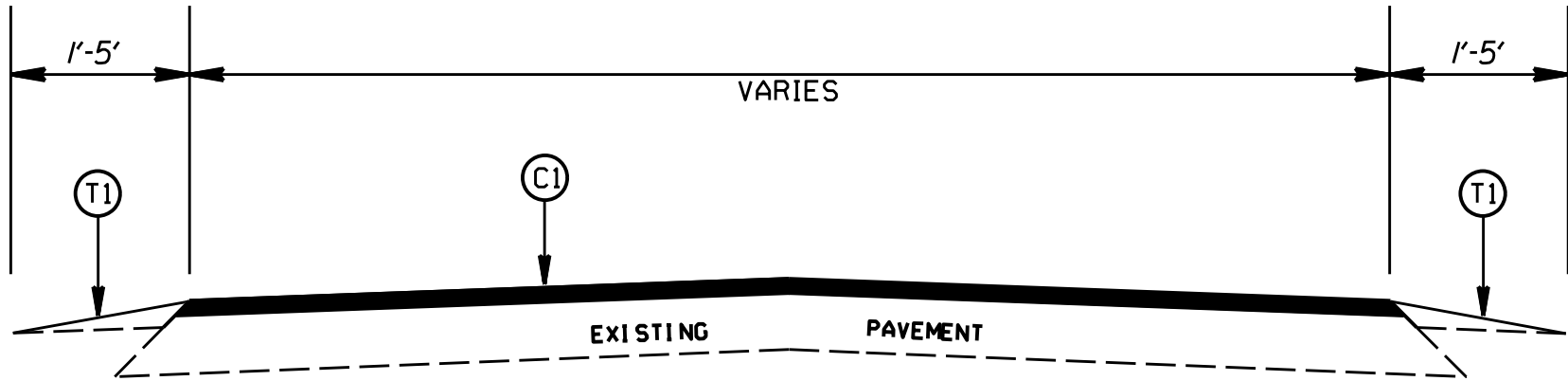
NOTE: FULL DEPTH RECLAMATION AND AST SHALL BE COMPLETED ON MAPS 1 AND 2 PRIOR TO THE ASPHALT OVERLAY.

| STATE            | PROJECT NO.                                             | SHEET NO. | TOTAL SHEETS |
|------------------|---------------------------------------------------------|-----------|--------------|
| N.C.             | 2025CPT.10.05.20131<br>2025CPT.10.05.20132<br>10.101311 | 7         | 20           |
| F.A. PROJECT NO. |                                                         |           |              |

| PAVEMENT SCHEDULE |                                                                                                              |
|-------------------|--------------------------------------------------------------------------------------------------------------|
| C1                | PROP. APPROX. 1.50" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YDS. |
| C2                | PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YDS.  |
| F1                | ASPHALT SURFACE TREATMENT, DOUBLE SEAL                                                                       |
| K1                | BASE TO BE TREATED WITH PORTLAND CEMENT AT A DEPTH OF 12", AT A RATE AS DIRECTED BY THE ENGINEER             |
| T1                | SHOULDER RECONSTRUCTION                                                                                      |
| V1                | MILLING OF EXISTING PAVEMENT, 2.0"                                                                           |
| V2                | PROFILE MILLING OF EXISTING ASPHALT, 0" - 1.50" (8' WIDTH)                                                   |
| V3                | PROFILE MILLING OF EXISTING ASPHALT, 0" - 2.0" (8' WIDTH)                                                    |

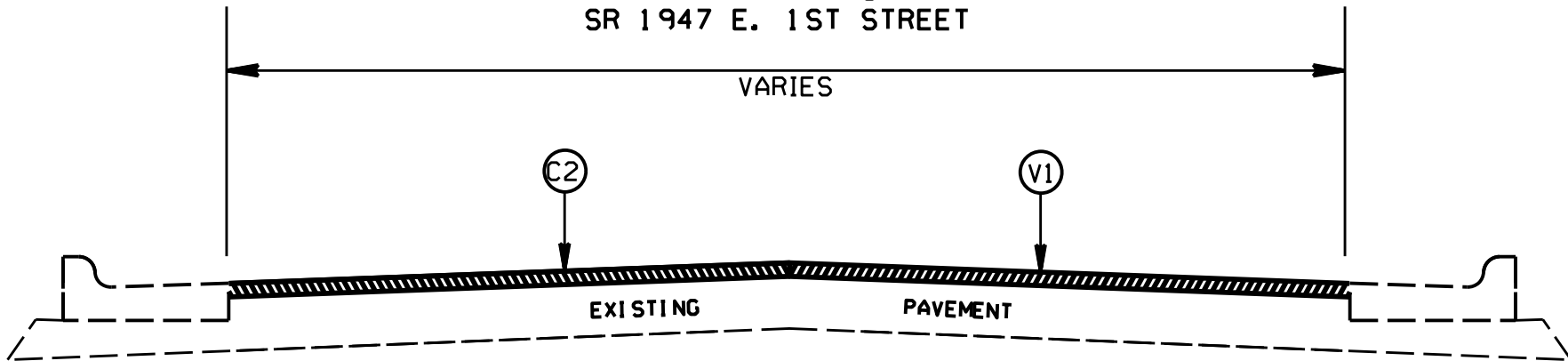
NOTES:  
 1. LEVELING COURSE TO BE PLACED AS DIRECTED BY THE ENGINEER

| CABARRUS COUNTY<br>RESURFACING SPRING 2025 |       |                                                                                       |           |
|--------------------------------------------|-------|---------------------------------------------------------------------------------------|-----------|
| SCALE                                      | -N.A. |  | REVISIONS |
| DATE                                       | 1/23  |                                                                                       |           |
| DWG. BY                                    | JWH   |                                                                                       |           |
| DESIGN BY                                  | JWH   |                                                                                       |           |
| APPROVED                                   |       |                                                                                       |           |



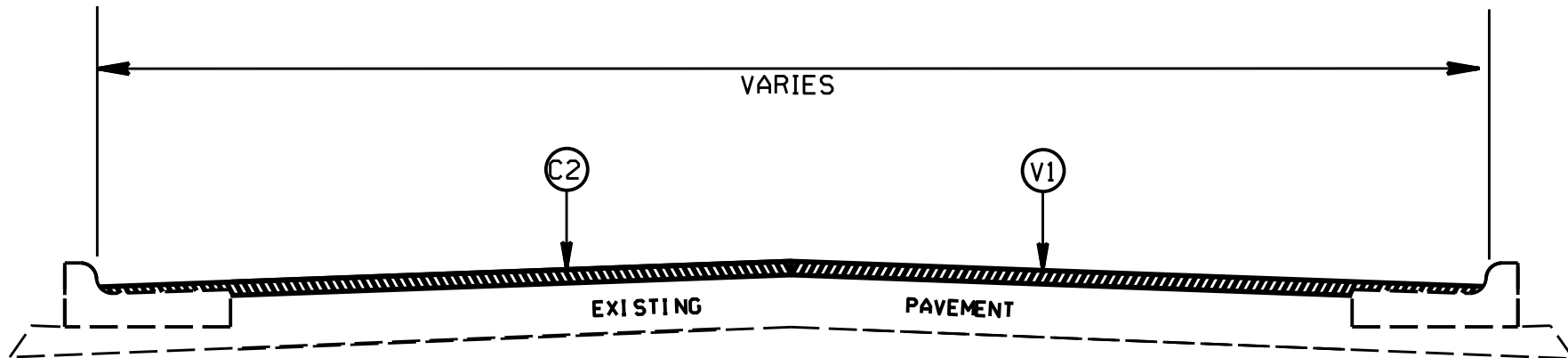
TYPICAL SECTION NO. 3

MAP 6  
SR 1621 BARR ROAD  
MAP 8  
SR 1947 E. 1ST STREET



TYPICAL SECTION NO. 4

MAP 4 - SR 1430 KANNAPOLIS PARKWAY BIDIRECTIONAL



TYPICAL SECTION NO. 5

MAP 7 - SR 1706 MARTIN LUTHER KING JUNIOR AVENUE  
SEE PLANS SHEET 4 THRU 6 FOR ROAD DIET TYPICALS

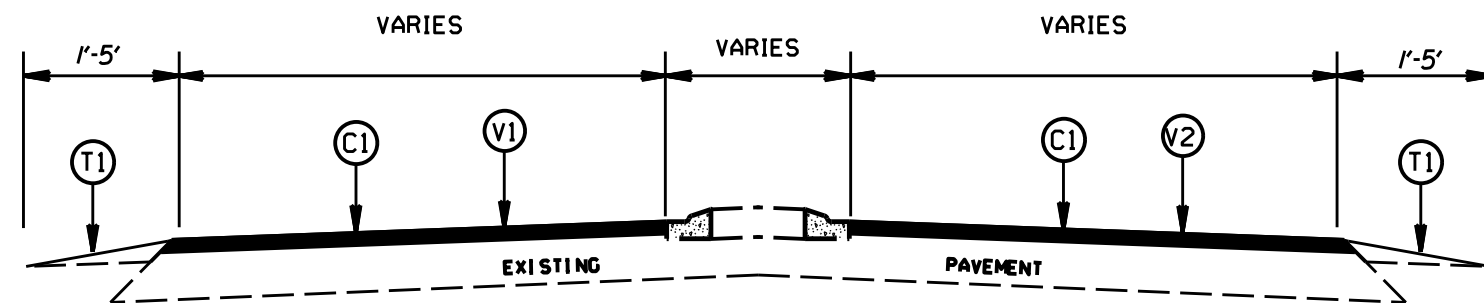
| STATE            | PROJECT NO.                                             | SHEET NO. | TOTAL SHEETS |
|------------------|---------------------------------------------------------|-----------|--------------|
| N.C.             | 2025CPT.10.05.20131<br>2025CPT.10.05.20132<br>10.101311 | 8         | 20           |
| F.A. PROJECT NO. |                                                         |           |              |

| PAVEMENT SCHEDULE |                                                                                                              |
|-------------------|--------------------------------------------------------------------------------------------------------------|
| C1                | PROP. APPROX. 1.50" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YDS. |
| C2                | PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YDS.  |
| F1                | ASPHALT SURFACE TREATMENT, DOUBLE SEAL                                                                       |
| K1                | BASE TO BE TREATED WITH PORTLAND CEMENT AT A DEPTH OF 12", AT A RATE AS DIRECTED BY THE ENGINEER             |
| T1                | SHOULDER RECONSTRUCTION                                                                                      |
| V1                | MILLING OF EXISTING PAVEMENT, 2.0"                                                                           |
| V2                | PROFILE MILLING OF EXISTING ASPHALT, 0" - 1.50" (8' WIDTH)                                                   |
| V3                | PROFILE MILLING OF EXISTING ASPHALT, 0" - 2.0" (8' WIDTH)                                                    |

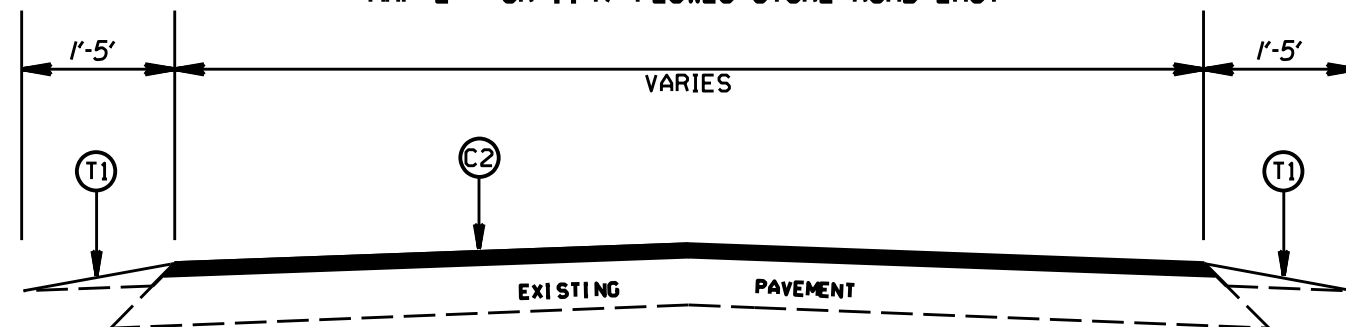
NOTES:  
1. LEVELING COURSE TO BE PLACED AS DIRECTED BY THE ENGINEER

| CABARRUS COUNTY<br>RESURFACING SPRING 2025 |        |                                                                                       |           |
|--------------------------------------------|--------|---------------------------------------------------------------------------------------|-----------|
| SCALE                                      | 1"=10' |  | REVISIONS |
| DATE                                       | 01/24  |                                                                                       |           |
| DWG. BY                                    | JWH    |                                                                                       |           |
| DESIGN BY                                  | JWH    |                                                                                       |           |
| APPROVED                                   |        |                                                                                       |           |

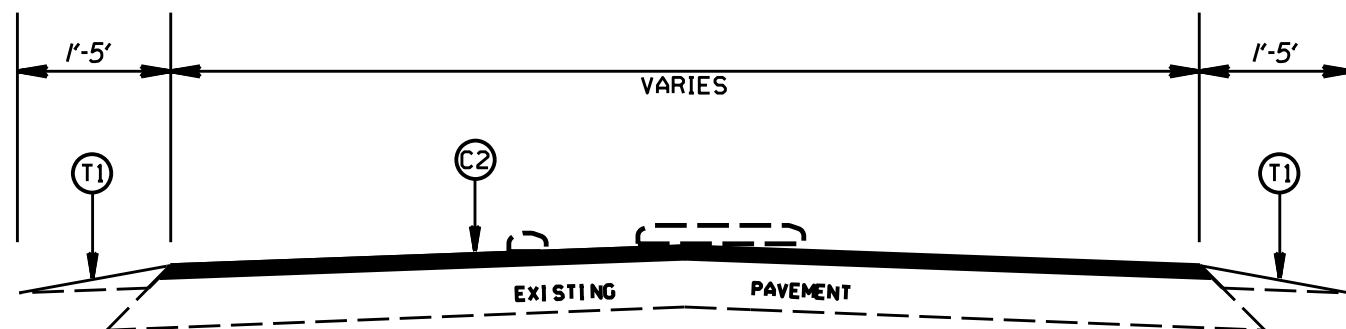




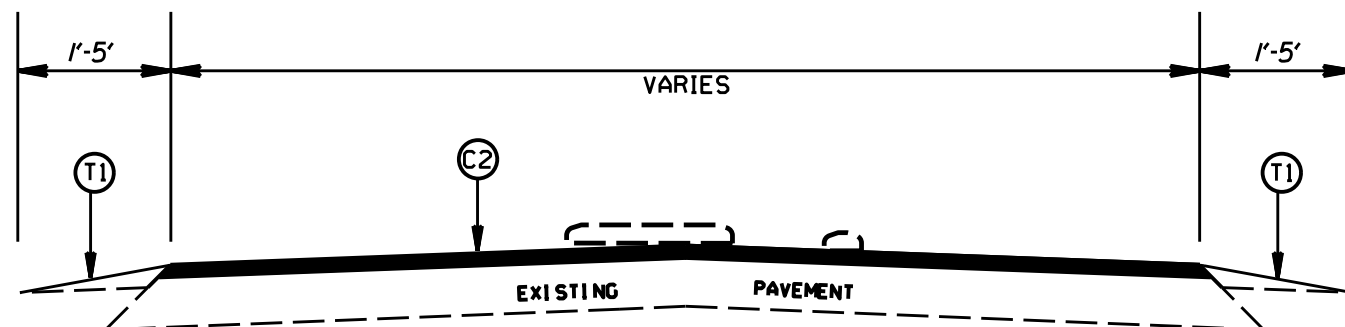
TYPICAL SECTION NO. 6  
MAP 2 - SR 1147 FLOWES STORE ROAD EAST



TYPICAL SECTION NO. 7  
MAP 3 - SR 1430 KANNAPOLIS PARKWAY EB  
MAP 5 - SR 1430 KANNAPOLIS PARKWAY WB



TYPICAL SECTION NO. 8  
MAP 3 - SR 1430 KANNAPOLIS PARKWAY EB  
MAP 5 - SR 1430 KANNAPOLIS PARKWAY WB



TYPICAL SECTION NO. 9  
MAP 3 - SR 1430 KANNAPOLIS PARKWAY EB  
MAP 5 - SR 1430 KANNAPOLIS PARKWAY WB

| STATE            | PROJECT NO.                                             | SHEET NO. | TOTAL SHEETS |
|------------------|---------------------------------------------------------|-----------|--------------|
| N.C.             | 2025CPT.10.05.20131<br>2025CPT.10.05.20132<br>10.101311 | 9         | 20           |
| F.A. PROJECT NO. |                                                         |           |              |

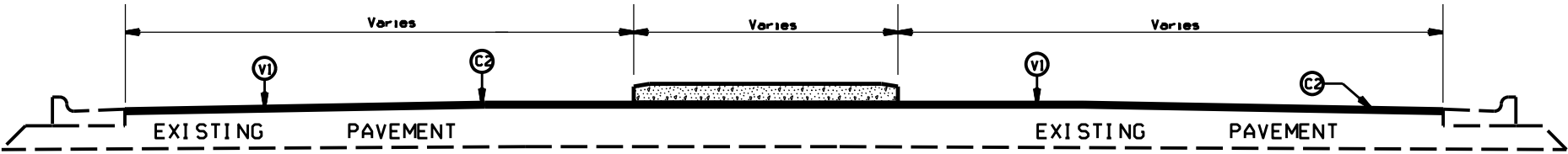
| PAVEMENT SCHEDULE |                                                                                                              |
|-------------------|--------------------------------------------------------------------------------------------------------------|
| C1                | PROP. APPROX. 1.50" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YDS. |
| C2                | PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YDS.  |
| F1                | ASPHALT SURFACE TREATMENT, DOUBLE SEAL                                                                       |
| K1                | BASE TO BE TREATED WITH PORTLAND CEMENT AT A DEPTH OF 12", AT A RATE AS DIRECTED BY THE ENGINEER             |
| T1                | SHOULDER RECONSTRUCTION                                                                                      |
| V1                | MILLING OF EXISTING PAVEMENT, 2.0"                                                                           |
| V2                | PROFILE MILLING OF EXISTING ASPHALT, 0" - 1.50" (8' WIDTH)                                                   |
| V3                | PROFILE MILLING OF EXISTING ASPHALT, 0" - 2.0" (8' WIDTH)                                                    |

NOTES:  
1. LEVELING COURSE TO BE PLACED AS DIRECTED BY THE ENGINEER

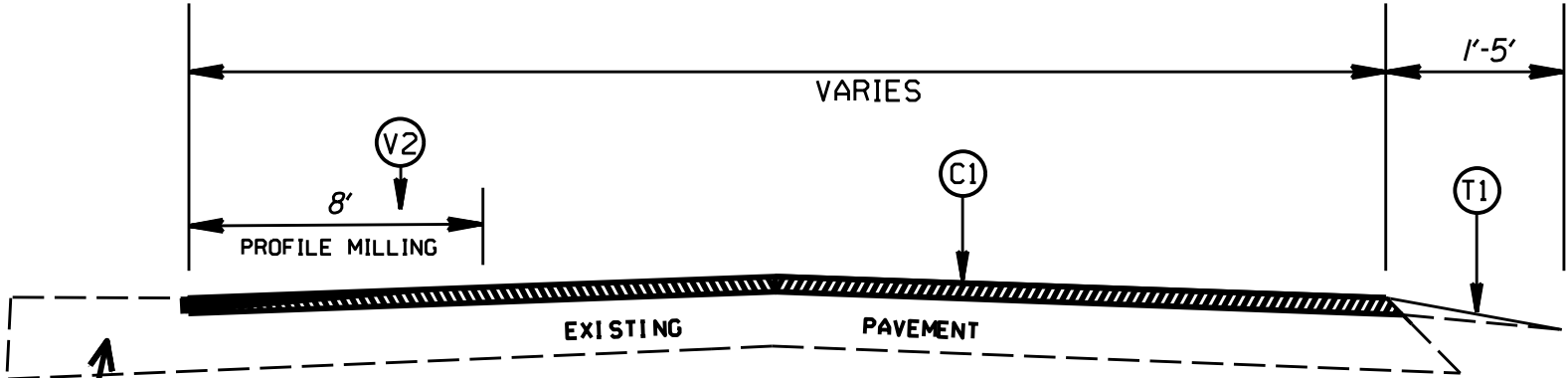
| CABARRUS COUNTY<br>RESURFACING SPRING 2025 |       |                                                                                       | REVISIONS |
|--------------------------------------------|-------|---------------------------------------------------------------------------------------|-----------|
| SCALE                                      | 1"=4' |  |           |
| DATE                                       | 01/24 |                                                                                       |           |
| DWG. BY                                    | JWH   |                                                                                       |           |
| DESIGN BY                                  | JWH   |                                                                                       |           |
| APPROVED                                   |       |                                                                                       |           |

| STATE            | PROJECT NO.                                             | SHEET NO. | TOTAL SHEETS |
|------------------|---------------------------------------------------------|-----------|--------------|
| N.C.             | 2025CPT.10.05.20131<br>2025CPT.10.05.20132<br>10.101311 | 10        | 20           |
| F.A. PROJECT NO. |                                                         |           |              |

| PAVEMENT SCHEDULE |                                                                                                              |
|-------------------|--------------------------------------------------------------------------------------------------------------|
| C1                | PROP. APPROX. 1.50" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YDS. |
| C2                | PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YDS.  |
| F1                | ASPHALT SURFACE TREATMENT, DOUBLE SEAL                                                                       |
| K1                | BASE TO BE TREATED WITH PORTLAND CEMENT AT A DEPTH OF 12", AT A RATE AS DIRECTED BY THE ENGINEER             |
| T1                | SHOULDER RECONSTRUCTION                                                                                      |
| V1                | MILLING OF EXISTING PAVEMENT, 2.0"                                                                           |
| V2                | PROFILE MILLING OF EXISTING ASPHALT, 0" - 1.50" (8' WIDTH)                                                   |
| V3                | PROFILE MILLING OF EXISTING ASPHALT, 0" - 2.0" (8' WIDTH)                                                    |



TYPICAL SECTION NO. 10  
MAP 3 - SR 1430 KANNAPOLIS PARKWAY EB  
MAP 5 - SR 1430 KANNAPOLIS PARKWAY WB

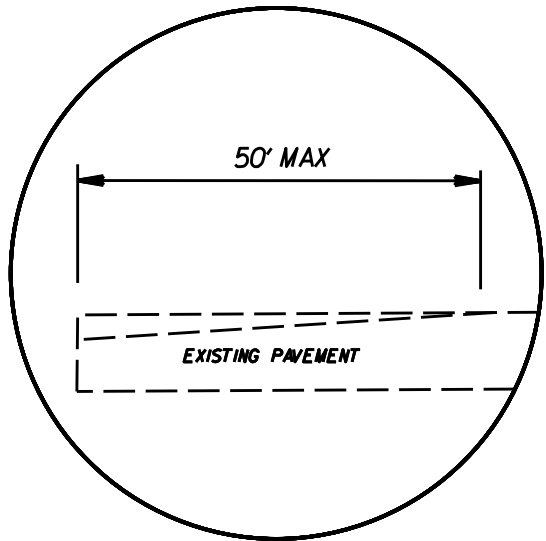


TYPICAL SECTION NO. 11  
MAP 8 - E. FIRST STREET

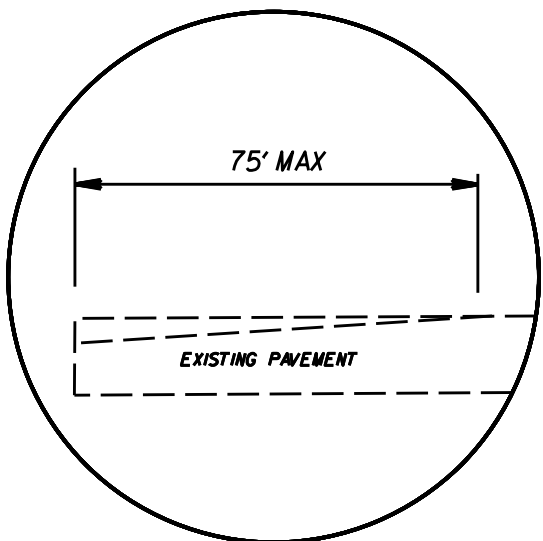
NOTES:  
1. LEVELING COURSE TO BE PLACED AS DIRECTED BY THE ENGINEER

| CABARRUS COUNTY<br>RESURFACING SPRING 2025 |       |                                                                                       |           |
|--------------------------------------------|-------|---------------------------------------------------------------------------------------|-----------|
| SCALE                                      | NA    |  | REVISIONS |
| DATE                                       | 01/24 |                                                                                       |           |
| DWG. BY                                    | JWH   |                                                                                       |           |
| DESIGN BY                                  | JWH   |                                                                                       |           |
| APPROVED                                   |       |                                                                                       |           |

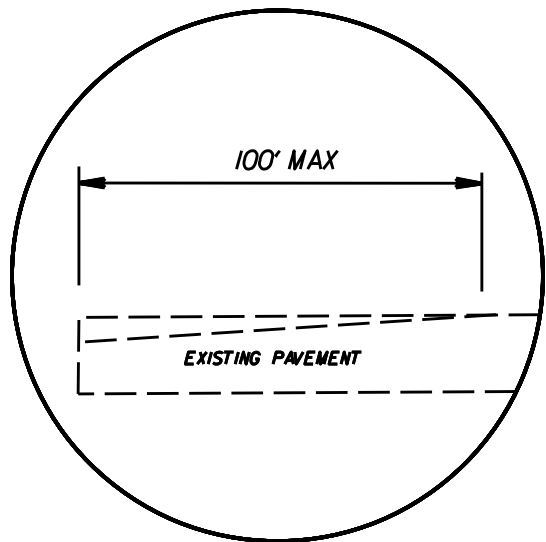
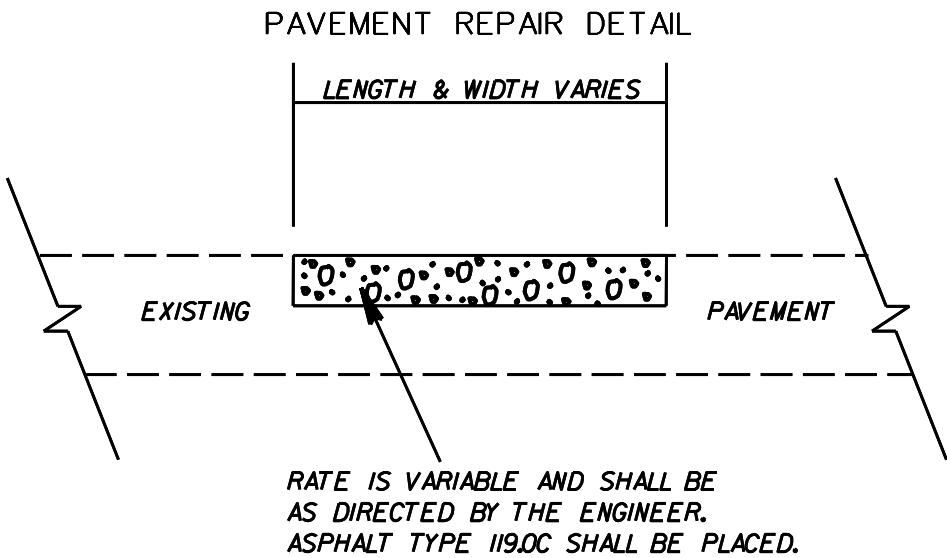
| STATE            | PROJECT NO.                                             | SHEET NO. | TOTAL SHEETS |
|------------------|---------------------------------------------------------|-----------|--------------|
| N.C.             | 2025CPT.10.05.20131<br>2025CPT.10.05.20132<br>10.101311 | 11        | 20           |
| F.A. PROJECT NO. |                                                         |           |              |



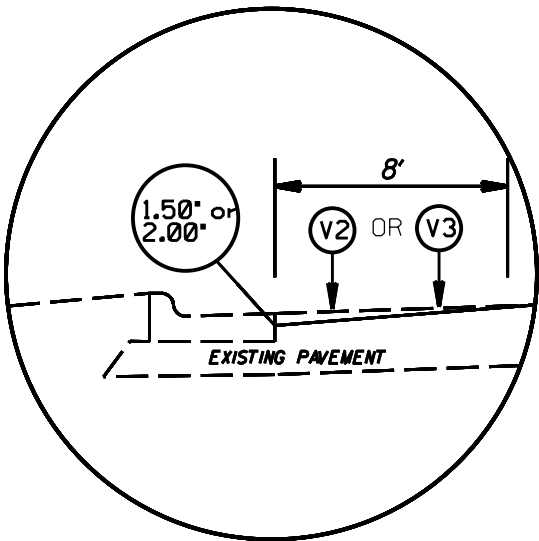
DETAIL FOR INCIDENTAL MILLING (0" TO 1.0")  
TIE-IN



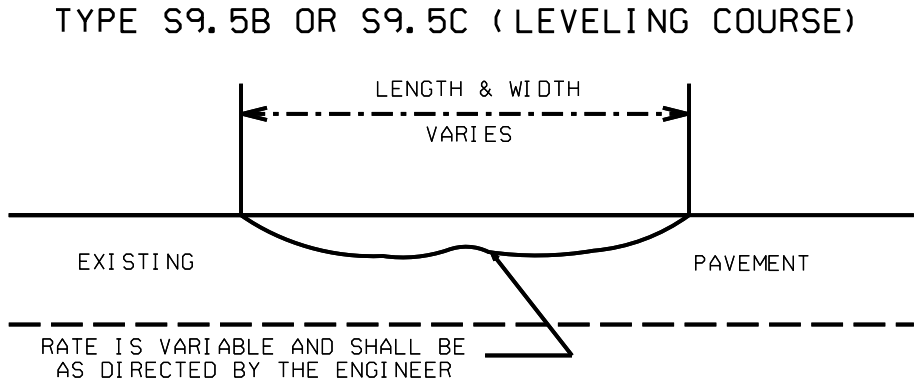
DETAIL FOR INCIDENTAL MILLING (0" TO 1.5")  
TIE-IN



DETAIL FOR INCIDENTAL MILLING (0" TO 2.0")  
TIE-IN



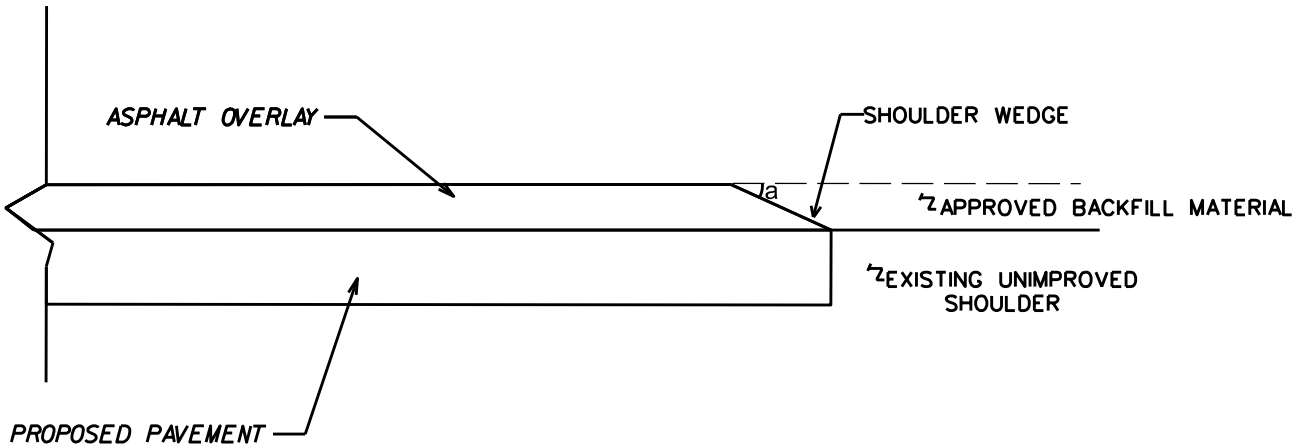
DETAIL FOR PROFILE MILLING (0" TO 1.50") OR (0" TO 2")



| PATCHING, LEVELING, MILLING,<br>PROFILE MILLING DETAILS |       |                                                                                       |           |
|---------------------------------------------------------|-------|---------------------------------------------------------------------------------------|-----------|
| SCALE                                                   | NA    |  | REVISIONS |
| DATE                                                    | 01/24 |                                                                                       |           |
| DWG. BY                                                 | JWH   |                                                                                       |           |
| DESIGN BY                                               | JWH   |                                                                                       |           |
| APPROVED                                                | JWH   |                                                                                       |           |

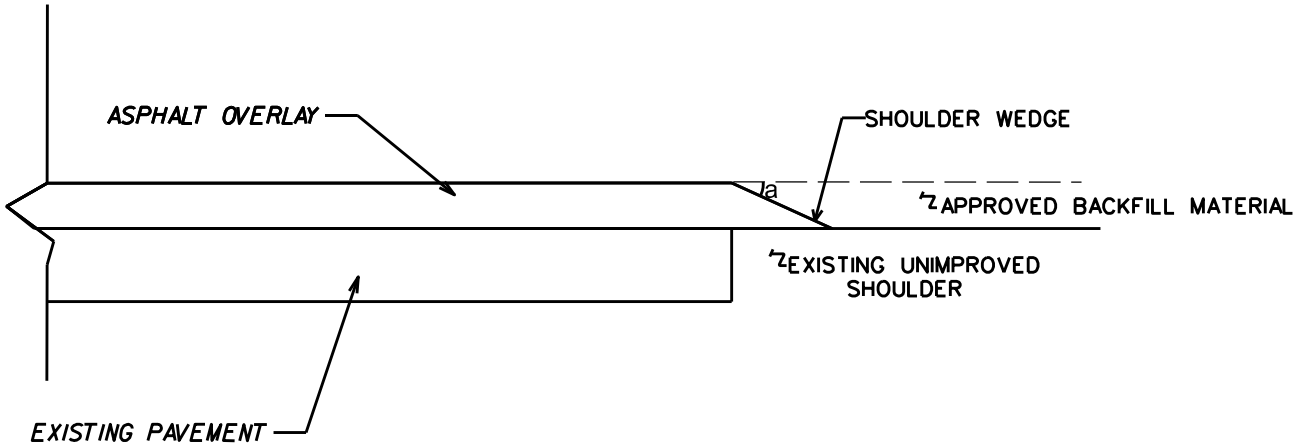
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAF C AND ULTRA-THIN BONDED WEARING COURSE.
  - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.

| STATE            | PROJECT NO.                                             | SHEET NO. | TOTAL SHEETS |
|------------------|---------------------------------------------------------|-----------|--------------|
| N.C.             | 2025CPT.10.05.20131<br>2025CPT.10.05.20132<br>10.101311 | 12        | 20           |
| F.A. PROJECT NO. |                                                         |           |              |



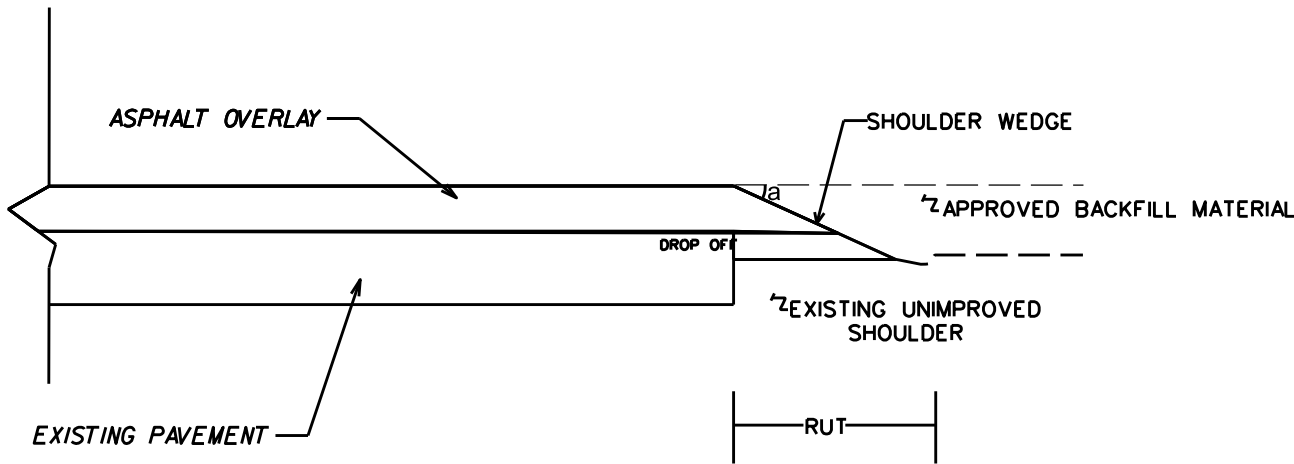
SHOULDER WEDGE DETAIL

(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)

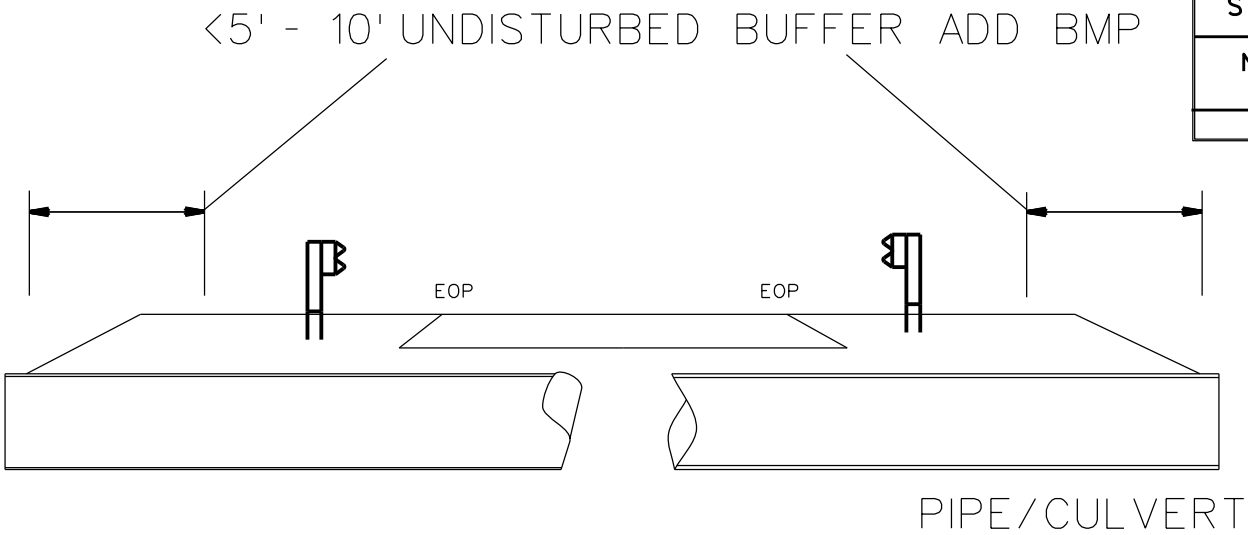
a = 30 DEGREES

| SHOULDER WEDGE DETAILS |      |  |           |
|------------------------|------|--|-----------|
| SCALE                  | NA   |  | REVISIONS |
| DATE                   | 2/18 |  |           |
| DWG. BY                | JAB  |  |           |
| DESIGN BY              | JAB  |  |           |
| APPROVED               | JAB  |  |           |

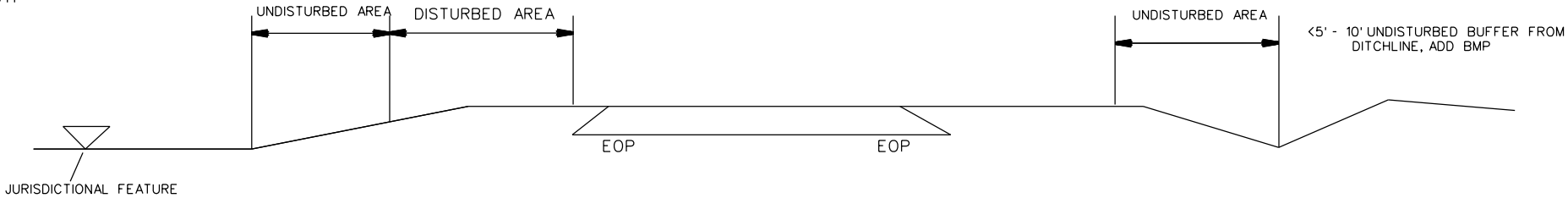
NOTES: LESS THAN 5' - 10' UNDISTURBED BUFFER FROM ROW, DITCHLINE, WATER FEATURE, OR DRAINAGE INLET, ADD BMP.

BMP OPTIONS: WATTLE OR SILT FENCE

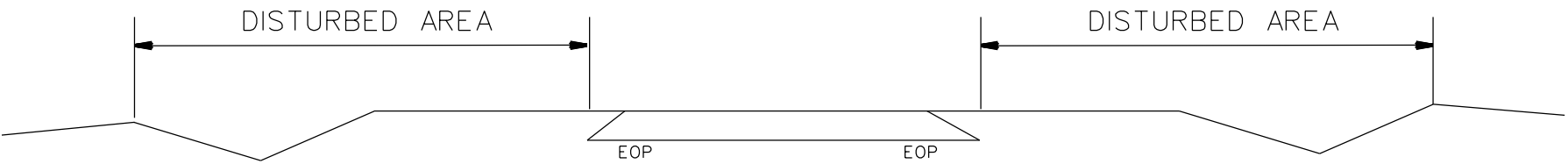
| STATE            | PROJECT NO.                                             | SHEET NO. | TOTAL SHEETS |
|------------------|---------------------------------------------------------|-----------|--------------|
| N.C.             | 2025CPT.10.05.20131<br>2025CPT.10.05.20132<br>10.101311 | 13        | 20           |
| F.A. PROJECT NO. |                                                         |           |              |



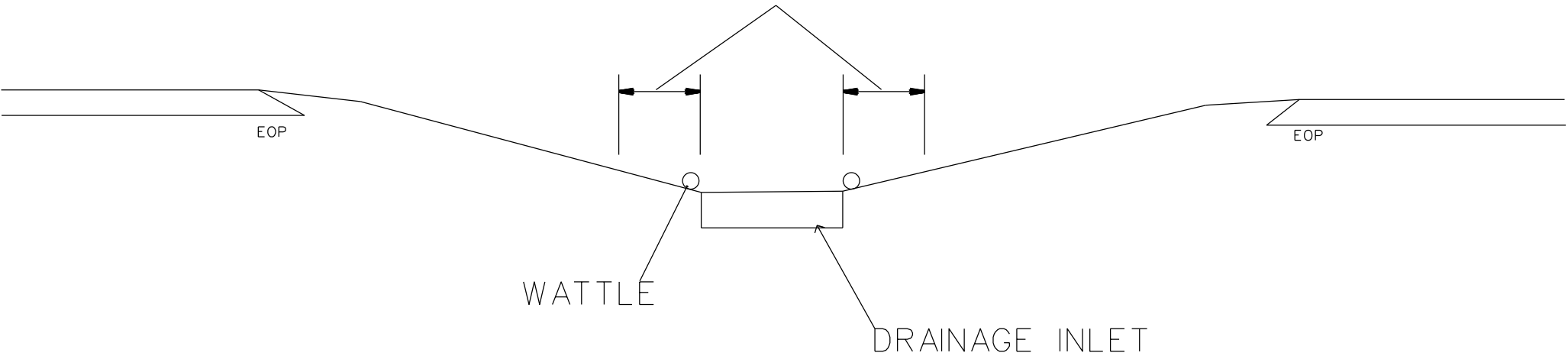
<5' - 10' UNDISTURBED BUFFER FROM JURISDICTIONAL FEATURE ADD BMP



USE BMP'S IF SHOULDERS AND/OR FRONTSLOPES AND/OR DITCHLINE AND/OR BACKSLOPES ARE DISTURBED



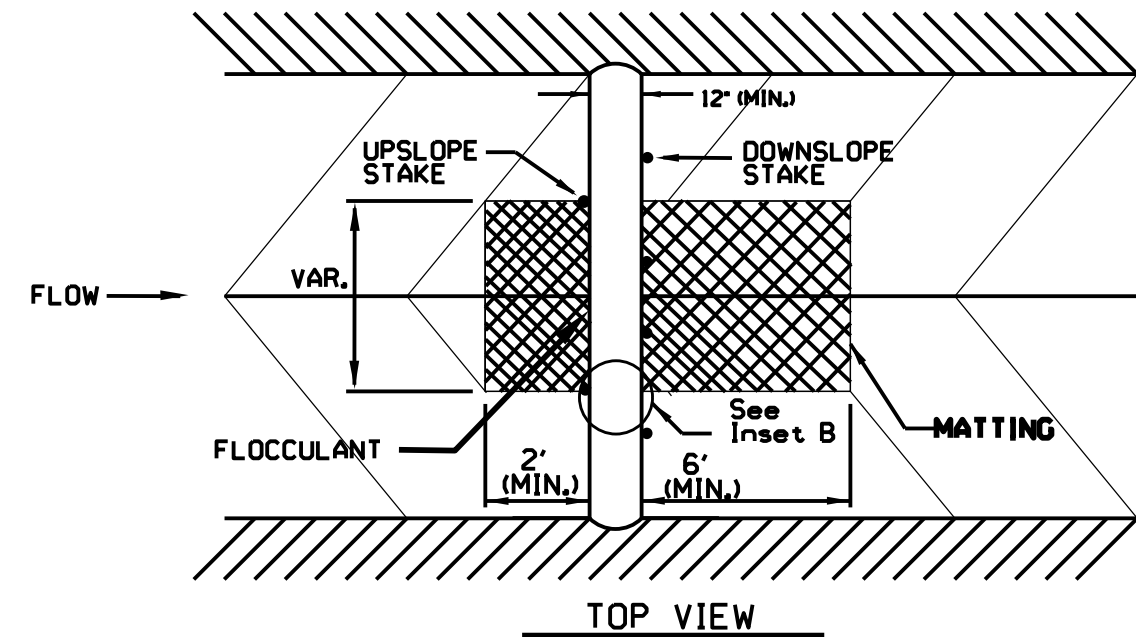
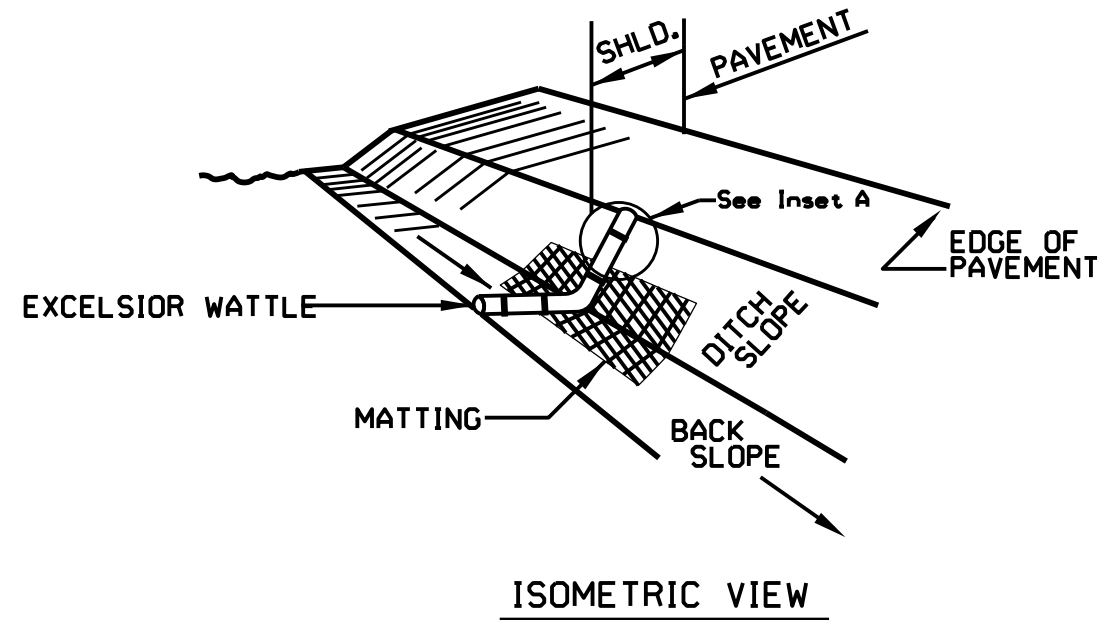
<5' - 10' UNDISTURBED BUFFER FROM INLET, ADD WATTLE



| EROSION CONTROL DETAIL |       |                                                                                       |  |
|------------------------|-------|---------------------------------------------------------------------------------------|--|
| SCALE                  | -N/A- |  |  |
| DATE                   | 2/18  |                                                                                       |  |
| DWG. BY                | JAB   |                                                                                       |  |
| DESIGN BY              | JAB   |                                                                                       |  |
| APPROVED               | JAB   |                                                                                       |  |
|                        |       | REVISIONS                                                                             |  |
|                        |       |                                                                                       |  |
|                        |       |                                                                                       |  |
|                        |       |                                                                                       |  |

# WATTLE CHECK

| STATE            | PROJECT NO.                                             | SHEET NO. | TOTAL SHEETS |
|------------------|---------------------------------------------------------|-----------|--------------|
| N.C.             | 2025CPT.10.05.20131<br>2025CPT.10.05.20132<br>10.101311 | 14        | 20           |
| F.A. PROJECT NO. |                                                         |           |              |



## NOTES:

THIS DRAWING APPLIES TO BOTH EXCELSIOR AND COIR FIBER WATTLE CHECKS WITH AND WITHOUT FLOCCULANT.

USE MINIMUM 12 IN. DIAMETER EXCELSIOR OF COIR FIBER 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.

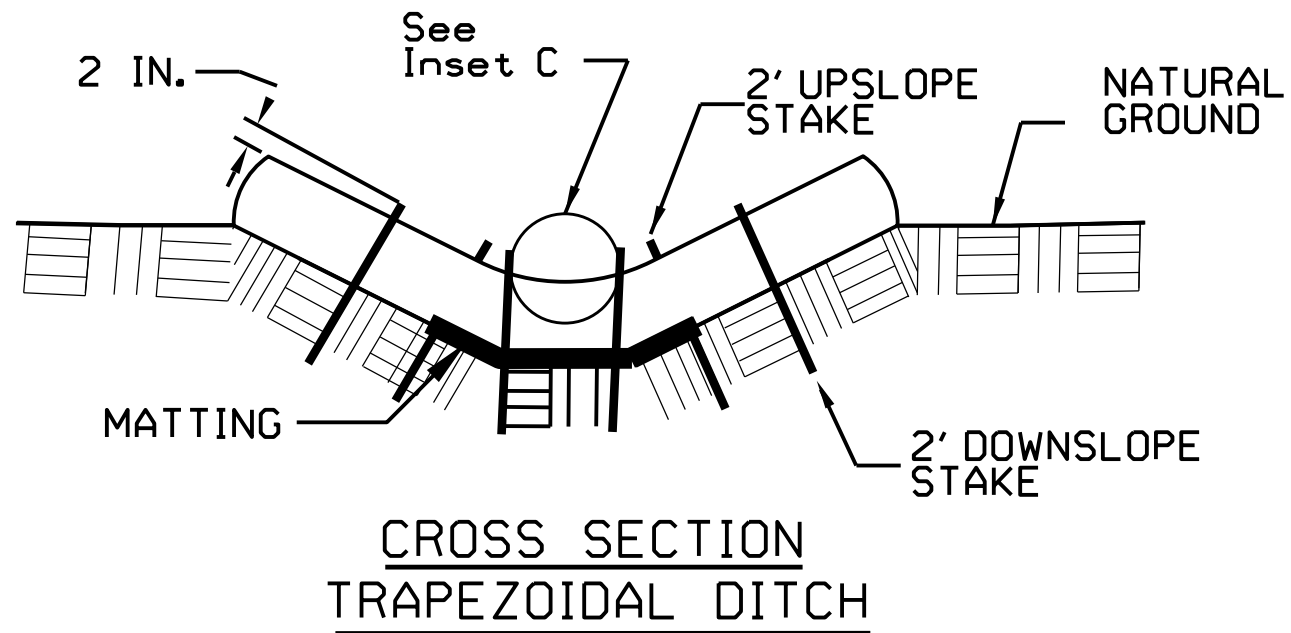
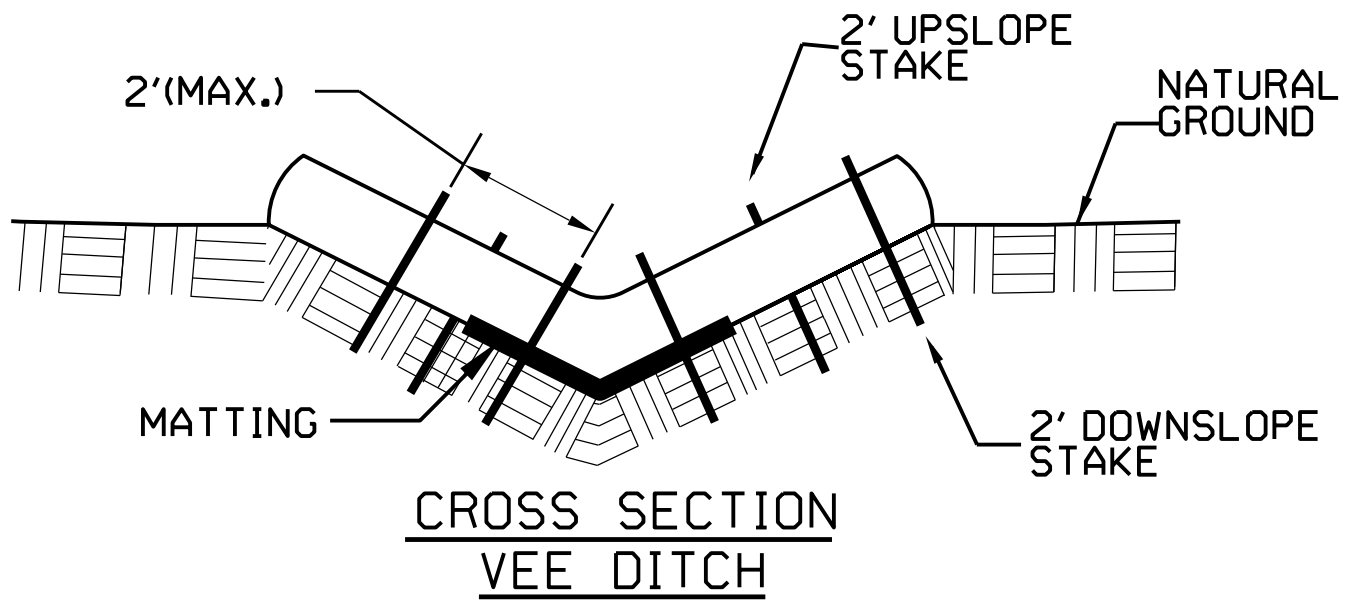
PROVIDE STAPLES MADE OF 11 GAUGE STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 6" IN LENGTH.

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

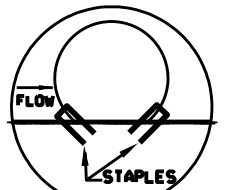
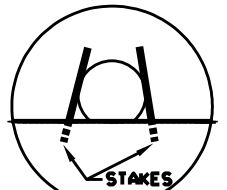
INSTALL MATTING IN ACCORDANCE WITH SECTION 1631 OF THE STANDARD SPECIFICATIONS.

PRIOR TO FLOCCULANT APPLICATION, OBTAIN A SOIL SAMPLE FROM PROJECT LOCATION, AND FROM OFFSITE MATERIAL, AND ANALYZE FOR APPROPRIATE FLOCCULANT TO BE APPLIED TO EACH WATTLE.

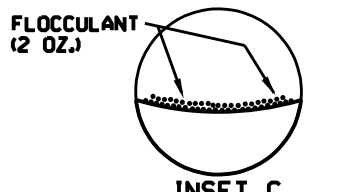
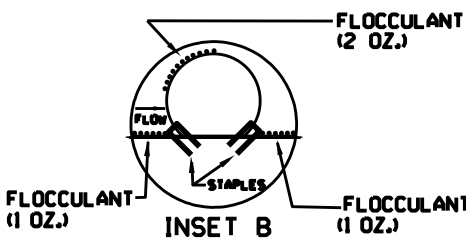
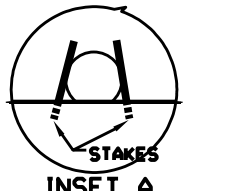
INITIALLY APPLY 2 OUNCES OF ANIONIC OR NEUTRALLY CHARGED FLOCCULANT OVER WATTLE WHERE WATER WILL FLOW AND 1 OUNCE OF FLOCCULANT ON MATTING ON EACH SIDE OF WATTLE. REAPPLY FLOCCULANT AFTER EVERY RAINFALL EVENT THAT IS EQUAL TO OR EXCEEDS 0.50 IN.



## WATTLE CHECK WITHOUT FLOCCULANT



## WATTLE CHECK WITH FLOCCULANT





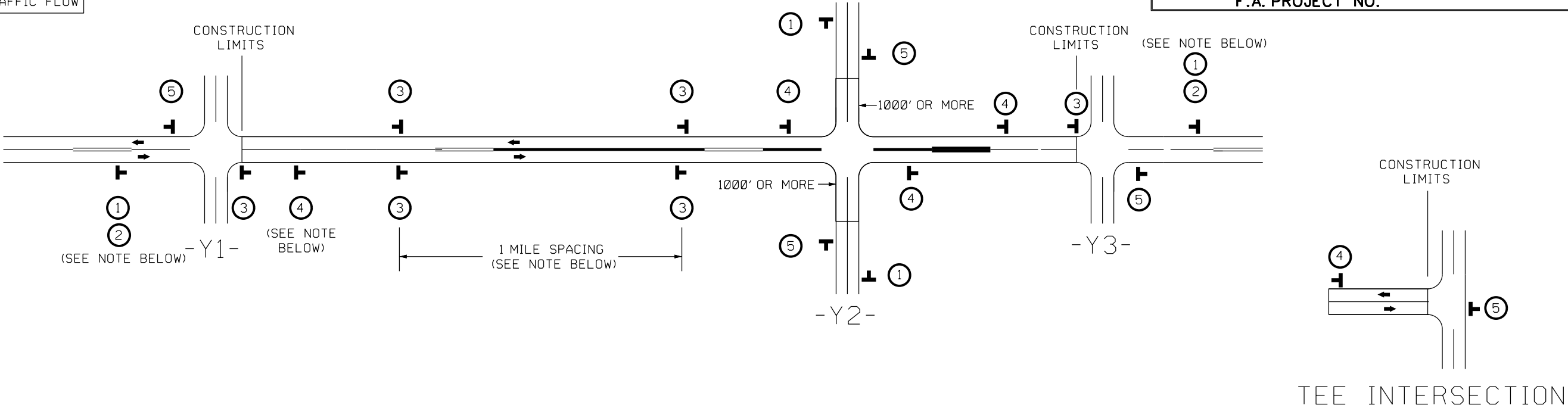
SIGNING FOR RESURFACING PROJECTS

| STATE            | PROJECT NO.                                             | SHEET NO. | TOTAL SHEETS |
|------------------|---------------------------------------------------------|-----------|--------------|
| N.C.             | 2025CPT.10.05.20131<br>2025CPT.10.05.20132<br>10.101311 | 15        | 20           |
| F.A. PROJECT NO. |                                                         |           |              |

LEGEND

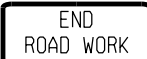
STATIONARY SIGN

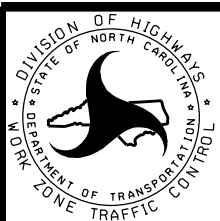
DIRECTION OF TRAFFIC FLOW

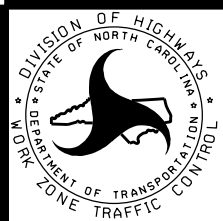


MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

|                                              |                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SIGNING NOTES AND<br>PLACEMENT PER DIRECTION | <div><div>1</div><div>2</div></div> <div><div><div>W20-1<br/>48" X 48"</div></div><div><div><div>W7-3aP<br/>24" X 18"</div></div></div></div> | <p>PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS.<br/>ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.</p> <p>*2 SIGN ONLY USED WHEN CONSTRUCTION LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER.<br/>(NO FRACTIONAL OR DECIMAL NUMBERS)</p>                                                                                                                                                                                                                                                                       | <p>NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:</p> <p>1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE<br/>2) SUBDIVISION ROADS<br/>3) DEAD END ROADS</p> <p>WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, PORTABLE ADVANCE WARNING SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.</p> <div><div><div><div>W20-1<br/>48" X 48"</div></div><div>PLACED 500' IN ADVANCE OF FLAGGER.</div></div><div><div><div>W20-7 A<br/>48" X 48"</div></div><div>PLACED 250' IN ADVANCE OF FLAGGER.</div></div></div> |
|                                              | <div>3</div> <div><div><div>SP 13107<br/>48" X 48"</div></div></div>                                                                                                                                                            | <p>- PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACE 1 MILE APART THEREAFTER.</p> <p>- AT TEE INTERSECTIONS INSTALL INITIALLY 1/2 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.</p>                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                              | <div>4</div> <div><div><div>SP 13106<br/>48" X 48"</div></div></div>                                                                                                                                                            | <p>- THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS.</p> <p>- DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS.</p> <p>- INSTALL 500' +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE.</p> <p>- 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.</p> <p>- A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN.</p> <p>- FOR TEE INTERSECTIONS, INSTALL WITHIN 500' +/- OF THE INTERSECTION ALONG -L- LINE.</p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                              | <div>5</div> <div><div><div>G20-2 A<br/>48" X 24"</div></div></div>                                                                                                                                                             | <p>PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                              | THE ABOVE SIGNS ARE ALL THAT ARE REQUIRED FOR A CONTRACTOR TO BEGIN A RESURFACING CONTRACT. ANY ADDITIONAL SIGNS REQUESTED BY NCDOT DIVISIONS SHALL BE INSTALLED WITHIN 7 BUSINESS DAYS OF THE START OF CONTRACT WORK.                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| LESS<br>2 MILES                              | FOR RESURFACING MAPS WITH CONSTRUCTION LIMITS LESS THAN 2 MILES IN LENGTH, NO STATIONARY SIGNS ARE REQUIRED. USE PORTABLE "ROAD UNDER CONSTRUCTION" OR "ROAD WORK AHEAD" SIGNS IN LIEU OF STATIONARY ADVANCE WARNINGS SIGNS.                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |





ADVANCE WARNING SIGNS  
FOR  
RURAL AND SUBURBAN  
2-LANE ROADWAY  
RESURFACING

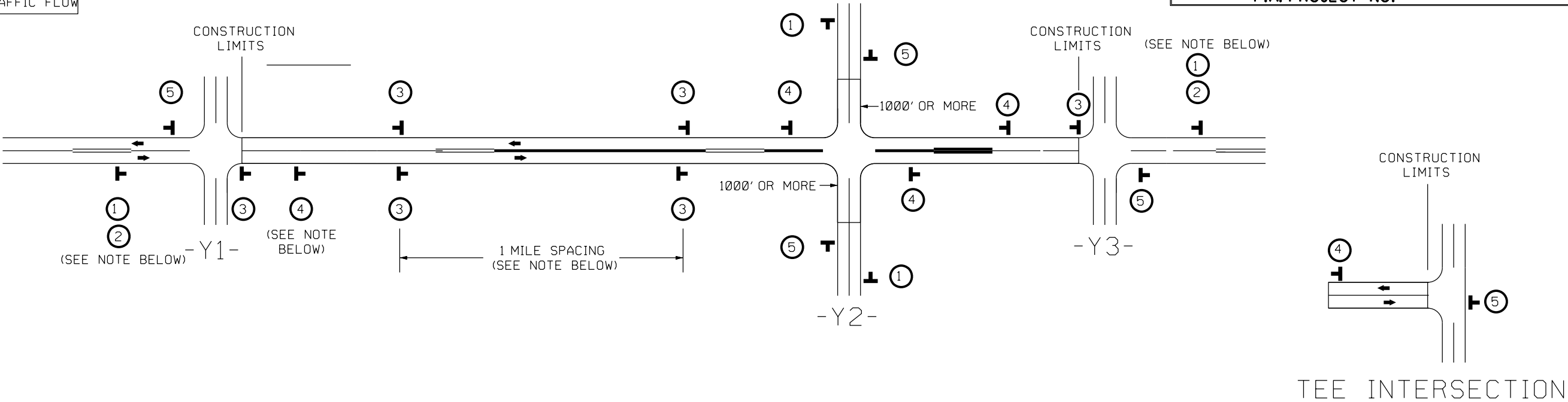
SIGNING FOR ASPHALT SURFACE TREATMENT

| STATE            | PROJECT NO.                                             | SHEET NO. | TOTAL SHEETS |
|------------------|---------------------------------------------------------|-----------|--------------|
| N.C.             | 2025CPT.10.05.20131<br>2025CPT.10.05.20132<br>10.101311 | 16        | 20           |
| F.A. PROJECT NO. |                                                         |           |              |

LEGEND

STATIONARY SIGN

DIRECTION OF TRAFFIC FLOW



MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

|                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SIGNING NOTES AND<br>PLACEMENT PER DIRECTION | <div>①</div> <div><div>W20-1<br/>48" X 48"</div></div> <div>②</div> <div><div><div>NEXT</div><div>XX MILES</div></div><div>W7-3aP<br/>24" X 18"</div></div> <div>PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS.<br/>ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.</div>                                                                                                                                                                                                                                                                                                                                     | NO REQUIRED STATIONARY SIGNING FOR THE<br>FOLLOWING -Y- LINE CONDITIONS:<br><br>1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE<br>2) SUBDIVISION ROADS<br>3) DEAD END ROADS<br><br>WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS<br>AN UNSIGNED -Y- LINE, PORTABLE ADVANCE WARNING SIGNS<br>SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW.<br>REMOVE UPON COMPLETION OF WORK.<br><div><div><div>W20-1<br/>48" X 48"</div></div><div>PLACED 500' IN ADVANCE<br/>OF FLAGGER.</div><div><div>W20-7 A<br/>48" X 48"</div></div><div>PLACED 250' IN ADVANCE<br/>OF FLAGGER.</div></div> |
|                                              | <div>③</div> <div><div><div>W8-7<br/>48" X 48"</div></div><div><div>SP<br/>48" X 48"</div></div></div> <div>- ALTERNATE THE FOLLOWING TWO SIGNS:<br/><br/>- STARTING WITH "LOOSE GRAVEL" (W8-7) FOLLOWED BY "UNMARKED PAVEMENT"<br/><br/>- PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACE 1 MILE APART<br/>THEREAFTER.<br/><br/>- AT TEE INTERSECTIONS INSTALL INITIALLY ½ MILE FROM INTERSECTION<br/>AND SPACE 1 MILE APART THEREAFTER.</div>                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                              | <div>④</div> <div><div><div>SP-13106<br/>48" X 48"</div></div></div> <div>- THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS.<br/>- DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS.<br/>- INSTALL 500' +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE.<br/>- FOR MULTIPLE -Y- LINES THAT ARE SEPARATED BY 0.25 MILES OR LESS,<br/>TREAT AS A SINGLE UNIT AND INSTALL WITHIN 500' OF EACH APPROACH.<br/>- A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT INSTALL WHEN -Y- LINES<br/>ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN.<br/>- FOR TEE INTERSECTIONS, INSTALL WITHIN 500' +/- OF THE INTERSECTION<br/>ALONG -L- LINE.</div> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                              | <div>⑤</div> <div><div><div>END<br/>ROAD WORK</div><div>G20-2 A<br/>48" X 24"</div></div></div> <div>PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN<br/>WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                              | THE ABOVE SIGNS ARE ALL THAT ARE REQUIRED FOR A CONTRACTOR TO BEGIN A RESURFACING CONTRACT. ANY<br>ADDITIONAL SIGNS REQUESTED BY NCDOT DIVISIONS SHALL BE INSTALLED WITHIN 7 BUSINESS DAYS OF THE<br>START OF CONTRACT WORK.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| LESS<br>2 MILES                              | FOR AST RESURFACING MAPS WITH CONSTRUCTION LIMITS LESS THAN 2 MILES IN LENGTH, USE A STATIONARY<br>"LOOSE GRAVEL" SIGN AT THE BEGINNING CONSTRUCTION LIMIT FOLLOWED BY AN "UNMARKED PAVEMENT" SIGN<br>MIDWAY THROUGH AND AN "END ROAD WORK" SIGN AT THE END CONSTRUCTION LIMIT.                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

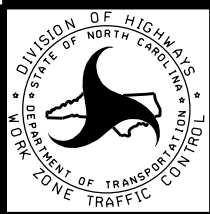
DIVISION OF HIGHWAYS

STATE OF NORTH CAROLINA

DEPARTMENT OF TRANSPORTATION

WORK ZONE TRAFFIC CONTROL



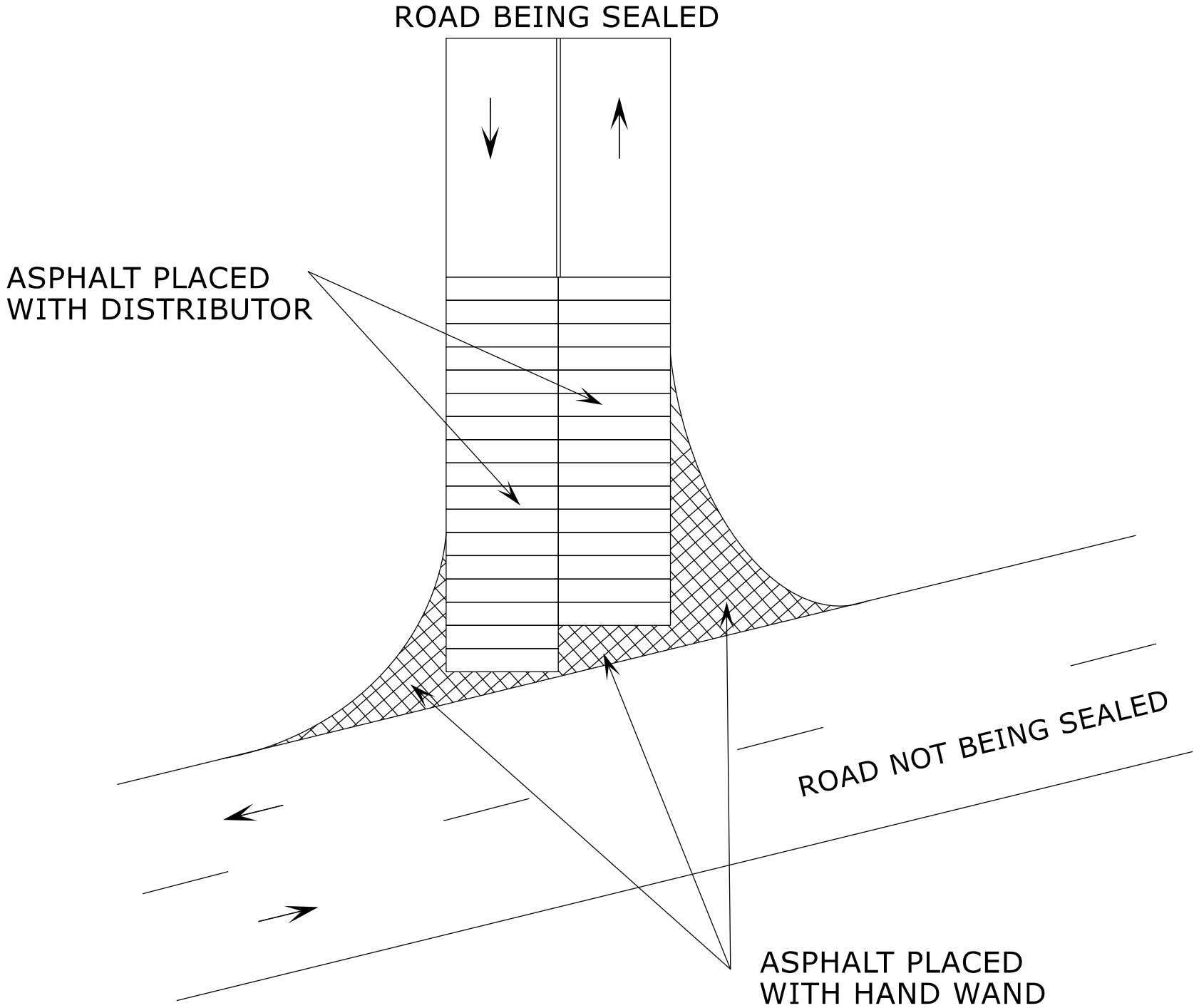


ADVANCE WARNING SIGNS  
FOR  
RURAL AND SUBURBAN  
2-LANE ROADWAY  
RESURFACING



# INTERSECTION EMULSION PLACEMENT TWO LANE TWO WAY ROADWAY

| STATE            | PROJECT NO.         | SHEET NO. | TOTAL SHEETS |
|------------------|---------------------|-----------|--------------|
| N.C.             | 2025CPT.10.05.20132 | 17        | 20           |
| F.A. PROJECT NO. |                     |           |              |







| PROJECT NO.                                            | SHEET NO. | TOTAL NO. |
|--------------------------------------------------------|-----------|-----------|
| 2025CPT.10.05.20131, 2025CPT.10.05.20132<br>10.101311, | 20        | 20        |
|                                                        |           |           |

THERMOPLASTIC AND PAINT QUANTITIES

| PROJECT NO                             | COUNTY   | MAP NO | ROUTE                                             | DESCRIPTION                                                       | TYP NO | LANES | LANE TYPE | LENGTH | WIDTH | BEGIN MP | END MP | 4400000000-E<br>STATIONARY<br>WORK ZONE<br>SIGN | 4457000000-N<br>TEMPORARY<br>TRAFFIC<br>CONTROL | 4510000000-N<br>LAW<br>ENFORCEMEN<br>T | 4685000000-E<br>4" X 90 M<br>YELLOW<br>THERMO | 4695000000-E<br>4" X 90 M<br>WHITE<br>THERMO | 4704000000-E<br>8" X 90 M<br>WHITE<br>THERMO | 4709000000-E<br>16" X 90 M<br>WHITE<br>THERMO | 4720000000-E<br>24" X 90 M<br>WHITE<br>THERMO | 4720000000-E<br>THERMO RXR<br>90 M | 4720000000-E<br>THERMO MSG<br>SCHOOL 90 M | 4725000000-E<br>THERMO LT<br>ARROW 90 M | 4725000000-E<br>THERMO RT<br>ARROW 90 M | 4725000000-E<br>THERMO STR<br>ARROW 90 M | 4770000000-E<br>THERMO STR<br>& RT ARROW<br>90 M | 4770000000-E<br>COLD<br>APPLIED<br>PLASTIC<br>PAVEMENT<br>MARKING<br>LINES, TYPE II<br>(4") | 4810000000-E<br>4" YELLOW<br>PAINT | 4810000000-E<br>4" WHITE<br>PAINT | 4892000000-N<br>GENERIC PVMT MARKING ITEM -<br>24" YIELD, WHITE 90 M | 4900000000-N<br>YELLOW &<br>YELLOW<br>MARKERS | 4900000000-N<br>CRYSTAL &<br>RED MARKERS |     |    |    |    |    |
|----------------------------------------|----------|--------|---------------------------------------------------|-------------------------------------------------------------------|--------|-------|-----------|--------|-------|----------|--------|-------------------------------------------------|-------------------------------------------------|----------------------------------------|-----------------------------------------------|----------------------------------------------|----------------------------------------------|-----------------------------------------------|-----------------------------------------------|------------------------------------|-------------------------------------------|-----------------------------------------|-----------------------------------------|------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------|------------------------------------|-----------------------------------|----------------------------------------------------------------------|-----------------------------------------------|------------------------------------------|-----|----|----|----|----|
|                                        |          |        |                                                   |                                                                   |        |       |           | MI     | FT    |          |        | SF                                              | LS                                              | HR                                     | LF                                            | LF                                           | LF                                           | LF                                            | LF                                            | EA                                 | EA                                        | EA                                      | EA                                      | EA                                       | EA                                               | EA                                                                                          | EA                                 | EA                                | EA                                                                   | EA                                            | EA                                       | EA  | EA | EA | EA | EA |
|                                        |          |        |                                                   |                                                                   |        |       |           |        |       |          |        |                                                 |                                                 |                                        |                                               |                                              |                                              |                                               |                                               |                                    |                                           |                                         |                                         |                                          |                                                  |                                                                                             |                                    |                                   |                                                                      |                                               |                                          |     |    |    |    |    |
| 2025CPT.10.05.20131                    | Cabarrus | 1      | SR-1146 / JOHN WHITE RD 40001146013               | FROM SR 1147 FLOWES STORE ROAD<br>EAST TO SR 1143 CAL BOST ROAD   | 1,2    | 2     | 2WU       | 1.44   | 22    | 0        | 1.44   | 162                                             | 0.14                                            |                                        |                                               |                                              |                                              |                                               |                                               |                                    |                                           |                                         |                                         |                                          |                                                  |                                                                                             | 29,500                             | 22,310                            |                                                                      | 95                                            |                                          |     |    |    |    |    |
| TOTAL FOR MAP NO. 1                    |          |        |                                                   |                                                                   |        |       |           | 1.44   |       |          |        | 162                                             | 0.14                                            |                                        |                                               |                                              |                                              |                                               |                                               |                                    |                                           |                                         |                                         |                                          |                                                  |                                                                                             | 29,500                             | 22,310                            |                                                                      | 95                                            |                                          |     |    |    |    |    |
| 2025CPT.10.05.20131                    | Cabarrus | 2      | SR-1147 / FLOWES STORE RD EAST 40001147013        | FROM SR 1146 JOHN WHITE ROAD TO<br>US 601                         | 1,2    | 2     | 2WU       | 1.06   | 20    | 1.1      | 2.16   | 119                                             | 0.11                                            |                                        |                                               |                                              |                                              |                                               |                                               |                                    |                                           |                                         |                                         |                                          |                                                  |                                                                                             | 13,875                             | 23,649                            |                                                                      | 70                                            |                                          |     |    |    |    |    |
| TOTAL FOR MAP NO. 2                    |          |        |                                                   |                                                                   |        |       |           | 1.06   |       |          |        | 119                                             | 0.11                                            |                                        |                                               |                                              |                                              |                                               |                                               |                                    |                                           |                                         |                                         |                                          |                                                  |                                                                                             |                                    | 13,875                            | 23,649                                                               |                                               | 70                                       |     |    |    |    |    |
| 2025CPT.10.05.20131                    | Cabarrus | 3      | SR-1430 / KANNAPOLIS PKWY EB 40001430013          | FROM SR 1622 TRINITY CHUCH ROAD<br>TO END DIVIDED PARKWAY         | 7,8    | 2     | MU        | 1.16   | 26    | 2.95     | 4.11   | 348                                             | 0.12                                            | 80                                     | 6,851                                         | 8,938                                        | 185                                          |                                               |                                               | 70                                 |                                           | 6                                       | 2                                       |                                          |                                                  | 162.00                                                                                      | 6,851                              | 10,368                            |                                                                      | 74                                            | 69                                       |     |    |    |    |    |
| TOTAL FOR MAP NO. 3                    |          |        |                                                   |                                                                   |        |       |           | 1.16   |       |          |        | 348                                             | 0.12                                            | 80                                     | 6,851                                         | 8,938                                        | 185                                          |                                               |                                               | 70                                 |                                           |                                         | 6                                       | 2                                        |                                                  |                                                                                             | 162.00                             | 6,851                             | 10,368                                                               |                                               | 74                                       | 69  |    |    |    |    |
| 2025CPT.10.05.20131                    | Cabarrus | 4      | SR-1430 / KANNAPOLIS PARKWAY EB 40001430013       | FROM END DIVIDED PARKWAY TO NC<br>73                              | 4      | 2     | MU        | 0.06   | 60    | 4.11     | 4.17   |                                                 | 0.01                                            | 40                                     | 38                                            | 1,360                                        |                                              |                                               | 125                                           |                                    | 2                                         | 2                                       | 4                                       |                                          |                                                  |                                                                                             | 640                                | 1,360                             |                                                                      | 8                                             | 43                                       |     |    |    |    |    |
| TOTAL FOR MAP NO. 4                    |          |        |                                                   |                                                                   |        |       |           | 0.06   |       |          |        |                                                 | 0.01                                            | 40                                     | 38                                            | 1,360                                        |                                              |                                               | 125                                           |                                    |                                           | 2                                       | 2                                       | 4                                        |                                                  |                                                                                             |                                    | 640                               | 1,360                                                                |                                               | 8                                        | 43  |    |    |    |    |
| 2025CPT.10.05.20131                    | Cabarrus | 5      | SR-1430 / KANNAPOLIS PKWY WB 40001430013          | FROM BEGIN DIVIDED PARKWAY TO<br>SR 1622 TRINITY CHURCH ROAD      | 7,8    | 2     | MU        | 1.16   | 26    | 6.03     | 7.19   | 348                                             | 0.12                                            | 80                                     | 6,136                                         | 10,037                                       | 185                                          |                                               | 110                                           |                                    | 11                                        | 4                                       | 10                                      |                                          |                                                  | 162.00                                                                                      | 6,136                              | 10,037                            |                                                                      | 77                                            | 120                                      |     |    |    |    |    |
| TOTAL FOR MAP NO. 5                    |          |        |                                                   |                                                                   |        |       |           | 1.16   |       |          |        | 348                                             | 0.12                                            | 80                                     | 6,136                                         | 10,037                                       | 185                                          |                                               | 110                                           |                                    | 11                                        | 4                                       | 10                                      |                                          |                                                  | 162                                                                                         | 6,136                              | 10,037                            |                                                                      | 77                                            | 120                                      |     |    |    |    |    |
| 2025CPT.10.05.20131                    | Cabarrus | 6      | SR-1621 / BARR RD 40001621013                     | FROM JOINT NEAR HARDWOOD LANE<br>TO SR 1622 (TRINITY CHURCH ROAD) | 3      | 2     | 2WU       | 1.15   | 20    | 0.77     | 1.92   | 129                                             | 0.11                                            |                                        |                                               |                                              |                                              |                                               |                                               |                                    |                                           |                                         |                                         |                                          |                                                  |                                                                                             | 8,900                              | 12,300                            |                                                                      | 70                                            | 12                                       |     |    |    |    |    |
| TOTAL FOR MAP NO. 6                    |          |        |                                                   |                                                                   |        |       |           | 1.15   |       |          |        | 129                                             | 0.11                                            |                                        |                                               |                                              |                                              |                                               |                                               |                                    |                                           |                                         |                                         |                                          |                                                  |                                                                                             |                                    | 8,900                             | 12,300                                                               |                                               | 70                                       | 12  |    |    |    |    |
| 2025CPT.10.05.20131                    | Cabarrus | 7      | SR-1706 /MARTIN LUTHER KING JR AVENUE 40001706013 | FROM SR 1008 (US 29A) TO US 29                                    | 5      | 2     | 2WU       | 0.68   | 36    | 0        | 0.68   | 77                                              | 0.06                                            |                                        | 6,600                                         | 1,400                                        | 877                                          | 135                                           | 100                                           | 860                                | 4                                         | 12                                      | 19                                      | 5                                        | 1                                                | 4                                                                                           |                                    |                                   | 100                                                                  | 64                                            | 93                                       |     |    |    |    |    |
| TOTAL FOR MAP NO. 7                    |          |        |                                                   |                                                                   |        |       |           | 0.68   |       |          |        | 77                                              | 0.06                                            |                                        | 6,600                                         | 1,400                                        | 877                                          | 135                                           | 100                                           | 860                                | 4                                         | 12                                      | 19                                      | 5                                        | 1                                                | 4                                                                                           |                                    |                                   |                                                                      | 100                                           | 64                                       | 93  |    |    |    |    |
| 2025CPT.10.05.20131                    | Cabarrus | 8      | SR-1947 / E 1ST ST 40001947013                    | FROM SR 2154 (LITTLE TEXAS ROAD)<br>TO US 29                      | 3      | 2     | 2WU       | 0.72   | 20    | 0        | 0.72   | 81                                              | 0.08                                            |                                        | 7,660                                         | 8,460                                        |                                              |                                               |                                               | 45                                 |                                           |                                         |                                         |                                          |                                                  |                                                                                             |                                    |                                   |                                                                      | 48                                            |                                          |     |    |    |    |    |
| TOTAL FOR MAP NO. 8                    |          |        |                                                   |                                                                   |        |       |           | 0.72   |       |          |        | 81                                              | 0.08                                            |                                        | 7,660                                         | 8,460                                        |                                              |                                               |                                               | 45                                 |                                           |                                         |                                         |                                          |                                                  |                                                                                             |                                    |                                   |                                                                      |                                               | 48                                       |     |    |    |    |    |
| TOTAL FOR PROJ NO. 2025CPT.10.05.20131 |          |        |                                                   |                                                                   |        |       |           | 7.43   |       |          |        | 1,264                                           | 0.75                                            | 200                                    | 27,285                                        | 30,195                                       | 1,247                                        | 135                                           | 100                                           | 1,210                              | 4                                         | 12.00                                   | 38                                      | 13                                       | 15                                               | 4                                                                                           | 324                                | 65,902                            | 80,024                                                               | 100                                           | 506                                      | 337 |    |    |    |    |
|                                        |          |        |                                                   |                                                                   |        |       |           | 57,480 |       | 1,382    |        |                                                 |                                                 |                                        |                                               |                                              |                                              | 16                                            |                                               | 70                                 |                                           |                                         |                                         |                                          |                                                  | 145,926                                                                                     |                                    | 843                               |                                                                      |                                               |                                          |     |    |    |    |    |
| 2025CPT.10.05.20132                    | Cabarrus | 1      | SR-1146 / JOHN WHITE RD 40001146013               | FROM SR 1147 FLOWES STORE ROAD<br>EAST TO SR 1143 CAL BOST ROAD   |        | 2     | 2WU       | 1.44   | 22    | 0        | 1.44   |                                                 | 0.14                                            |                                        |                                               |                                              |                                              |                                               |                                               |                                    |                                           |                                         |                                         |                                          |                                                  |                                                                                             |                                    |                                   |                                                                      |                                               |                                          |     |    |    |    |    |
| TOTAL FOR MAP NO. 1                    |          |        |                                                   |                                                                   |        |       |           | 1.44   |       |          |        |                                                 | 0.14                                            |                                        |                                               |                                              |                                              |                                               |                                               |                                    |                                           |                                         |                                         |                                          |                                                  |                                                                                             |                                    |                                   |                                                                      |                                               |                                          |     |    |    |    |    |
| 2025CPT.10.05.20132                    | Cabarrus | 2      | SR-1147 / FLOWES STORE RD EAST40001147013         | FROM SR 1146 (JOHN WHITE ROAD)<br>TO US 601                       |        | 2     | 2WU       | 1.06   | 20    | 1.1      | 2.16   |                                                 | 0.11                                            |                                        |                                               |                                              |                                              |                                               |                                               |                                    |                                           |                                         |                                         |                                          |                                                  |                                                                                             |                                    |                                   |                                                                      |                                               |                                          |     |    |    |    |    |
| TOTAL FOR MAP NO. 2                    |          |        |                                                   |                                                                   |        |       |           | 1.06   |       |          |        |                                                 | 0.110                                           |                                        |                                               |                                              |                                              |                                               |                                               |                                    |                                           |                                         |                                         |                                          |                                                  |                                                                                             |                                    |                                   |                                                                      |                                               |                                          |     |    |    |    |    |
| TOTAL FOR PROJ NO. 2025CPT.10.05.20132 |          |        |                                                   |                                                                   |        |       |           | 2.5    |       |          |        |                                                 | 0.250                                           |                                        |                                               |                                              |                                              |                                               |                                               |                                    |                                           |                                         |                                         |                                          |                                                  |                                                                                             |                                    |                                   |                                                                      |                                               |                                          |     |    |    |    |    |
| 10.101311                              | Cabarrus | 7      | SR-1706 / MARTIN LUTHER KING BLVD 40001706013     | FROM SR 1008 (US 29A) TO US 29<br>(ROAD DIET)                     |        | 2     | 2WD       | 0.68   | 36    | 0        | 0.68   |                                                 |                                                 |                                        |                                               |                                              |                                              |                                               |                                               |                                    |                                           |                                         |                                         |                                          |                                                  |                                                                                             |                                    |                                   |                                                                      |                                               |                                          |     |    |    |    |    |
| TOTAL FOR MAP NO. 7                    |          |        |                                                   |                                                                   |        |       |           | 0.68   |       |          |        |                                                 |                                                 |                                        |                                               |                                              |                                              |                                               |                                               |                                    |                                           |                                         |                                         |                                          |                                                  |                                                                                             |                                    |                                   |                                                                      |                                               |                                          |     |    |    |    |    |
| TOTAL FOR PROJ NO. 10.101311           |          |        |                                                   |                                                                   |        |       |           | 0.68   |       |          |        |                                                 |                                                 |                                        |                                               |                                              |                                              |                                               |                                               |                                    |                                           |                                         |                                         |                                          |                                                  |                                                                                             |                                    |                                   |                                                                      |                                               |                                          |     |    |    |    |    |
| GRAND TOTAL                            |          |        |                                                   |                                                                   |        |       |           | 10.61  |       |          |        | 1,264                                           | 1.000                                           | 200                                    | 27,285                                        | 30,195                                       | 1,247                                        | 135                                           | 100                                           | 1,210                              | 4                                         | 12.00                                   | 38                                      | 13                                       | 15                                               | 4                                                                                           | 324                                | 65,902                            | 80,024                                                               | 100                                           | 506                                      | 337 |    |    |    |    |
|                                        |          |        |                                                   |                                                                   |        |       |           | 57,480 |       | 1,382    |        |                                                 |                                                 |                                        |                                               |                                              |                                              | 16                                            |                                               | 70                                 |                                           |                                         |                                         |                                          |                                                  | 145,926                                                                                     |                                    | 843                               |                                                                      |                                               |                                          |     |    |    |    |    |