STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.			
WBS NO.	2025CPT.10.07.10601 2025CPT.10.07.20601		

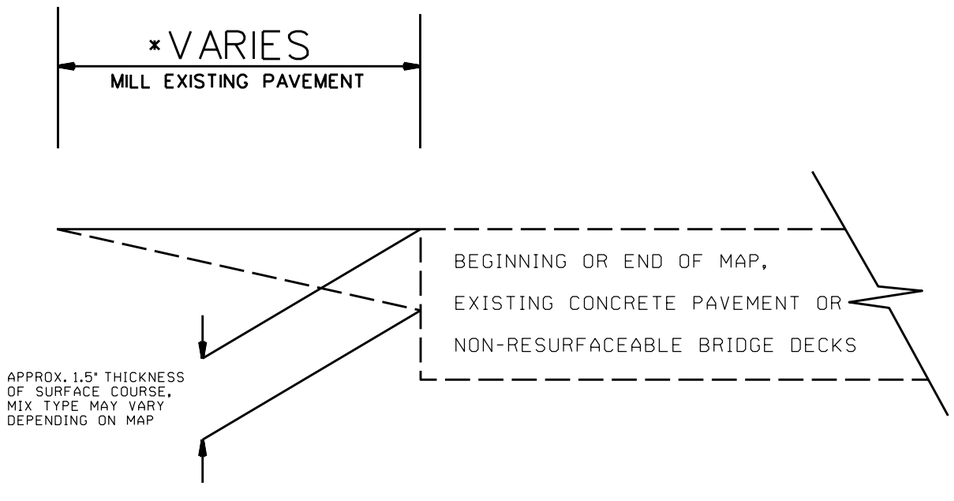
INCIDENTAL MILLING

NOTES:

FOR SURFACE MIXES OVER 1" IN THICKNESS, MILL THE EXISTING PAVEMENT IN ACCORDANCE WITH THE FOLLOWING SKETCH AS DIRECTED BY THE ENGINEER.

LOCATIONS SHALL INCLUDE TIES INTO EXISTING CONCRETE PAVEMENT AT BRIDGE APPROACHES WHERE THE BRIDGE WILL NOT BE RESURFACED, AND AT THE BEGINNING AND ENDING POINT OF EACH RESURFACING MAP.

PERFORM THE WORK IN ACCORDANCE WITH SECTION 607 OF THE JANUARY 2018 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES. RESURFACING WILL BE ACCOMPLISHED AT THE SAME TIME AS THE MILLING OPERATION.



2025 MECKLENBURG COUNTY
RESURFACING CONTRACT 1

		REVISIONS	
SCALE			
DATE			
DWG. BY	JHE		
DESIGN BY			
APPROVED			

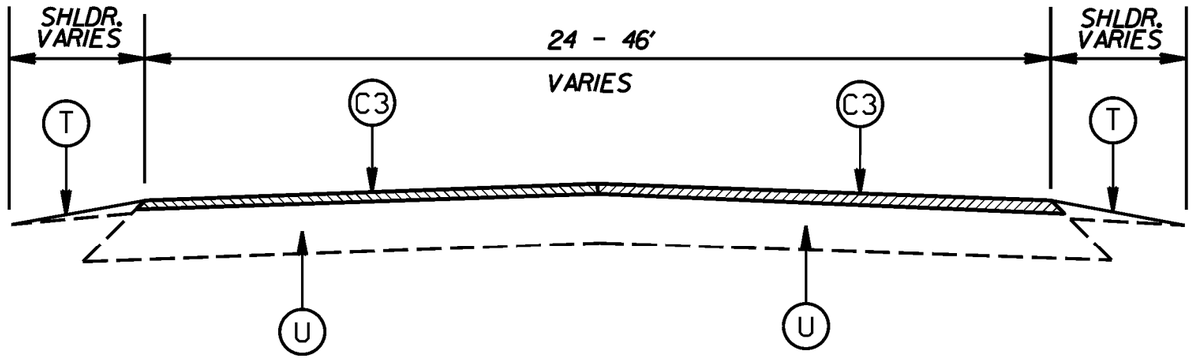
DIVISION OF HIGHWAYS
DISTRICT 2

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.			
WBS NO.	2025CPT.10.07.10601 2025CPT.10.07.20601		

PAVEMENT SCHEDULE

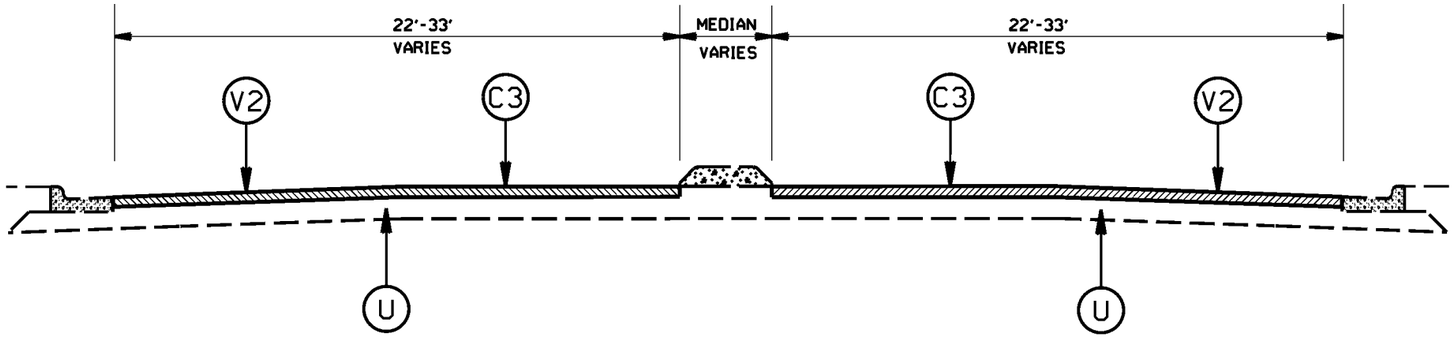
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C3	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5D, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
T	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT
V1	INCIDENTAL MILLING
V2	MILLING 1.5" DEPTH

NC 73



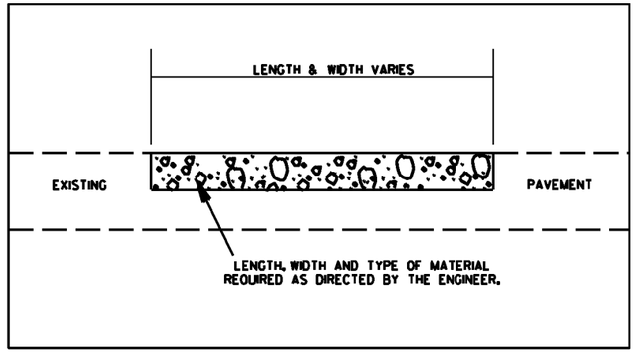
TYPICAL SECTION NO. 1

NC 160 WEST BLVD



TYPICAL SECTION NO. 2

PATCHING DETAIL



2025 MECKLENBURG COUNTY
RESURFACING CONTRACT 1

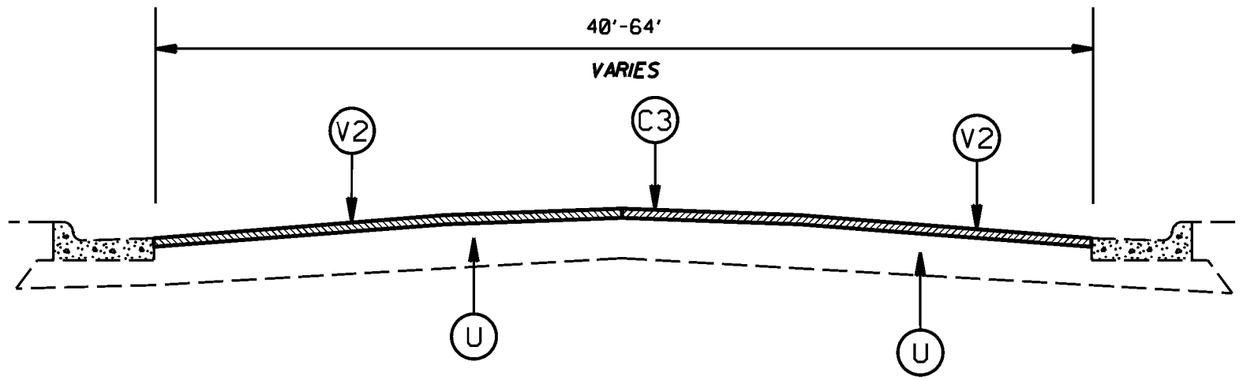
SCALE	-NA-
DATE	
DWG. BY	JHE
DESIGN BY	
APPROVED	

REVISIONS	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.			
WBS NO.	2025CPT.J0.07.J0601 2025CPT.J0.07.20601		

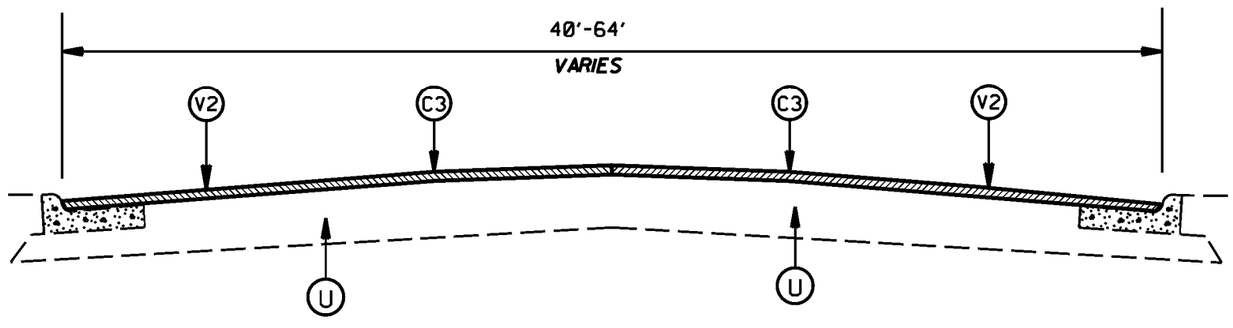
PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C3	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5D, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
T	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT
V1	INCIDENTAL MILLING
V2	MILLING 1.5" DEPTH

NC 160 WEST BLVD



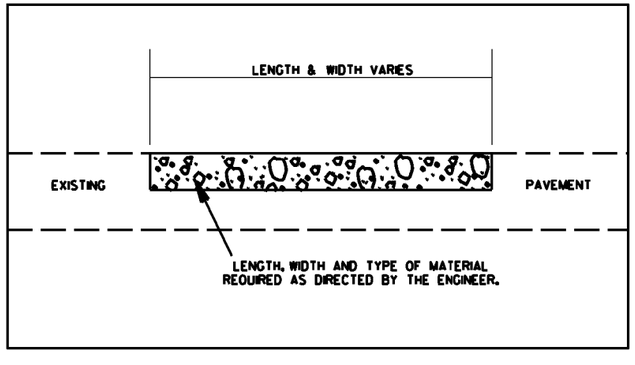
TYPICAL SECTION NO. 3

NC 160 WEST BLVD



TYPICAL SECTION NO. 4

PATCHING DETAIL



2025 MECKLENBURG COUNTY
RESURFACING CONTRACT 1

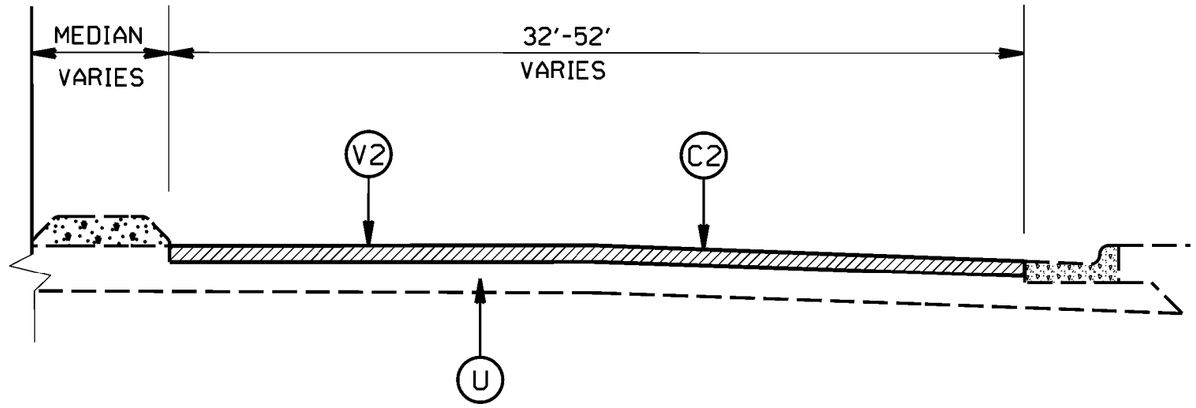
SCALE	-NA-
DATE	
DWG. BY	JHE
DESIGN BY	
APPROVED	

REVISIONS	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.			
WBS NO.	2025CPT.J0.07.J0601 2025CPT.J0.07.2060I		

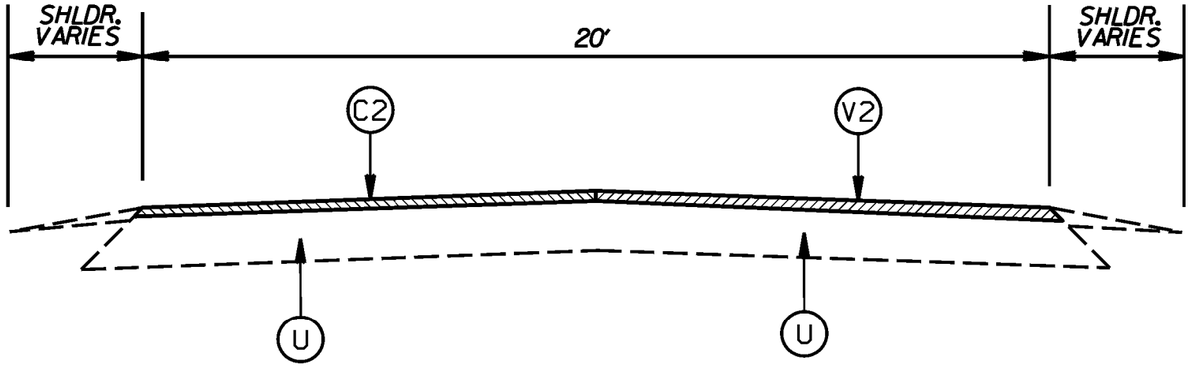
PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C3	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5D, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
T	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT
V1	INCIDENTAL MILLING
V2	MILLING 1.5" DEPTH

NC 160 STEELE CREEK ROAD



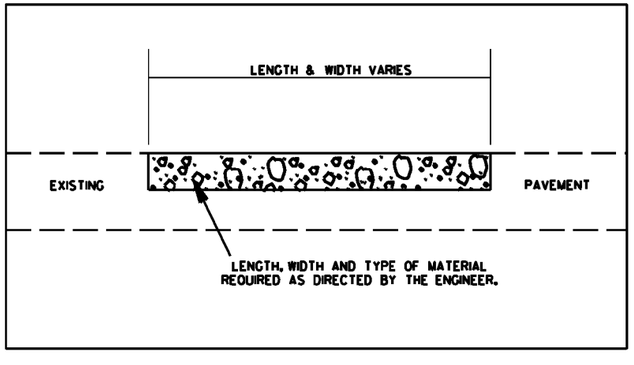
TYPICAL SECTION NO. 5

EAST ROCKY RIVER ROAD



TYPICAL SECTION NO. 6

PATCHING DETAIL



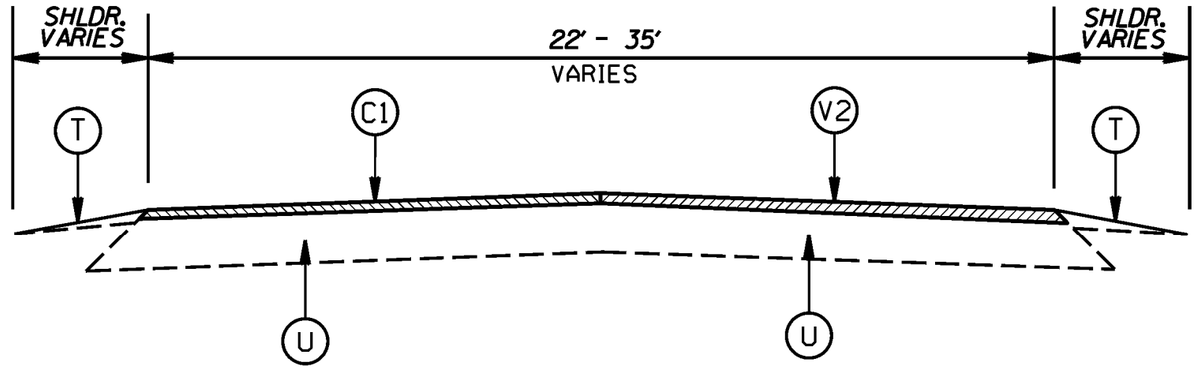
2025 MECKLENBURG COUNTY
RESURFACING CONTRACT I

		REVISIONS	
SCALE	-NA-		
DATE			
DWG. BY	JHE		
DESIGN BY			
APPROVED			

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.			
WBS NO.	2025CPT.J0.07.J0601 2025CPT.J0.07.2060I		

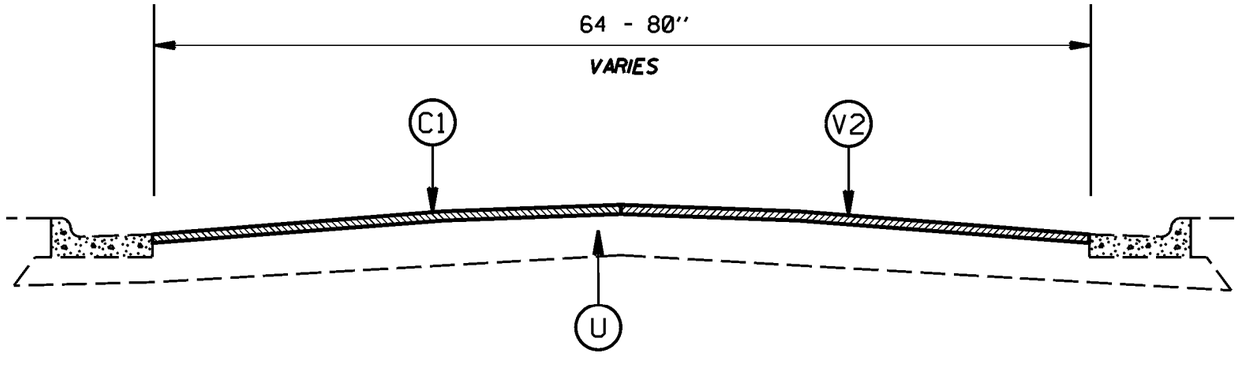
PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C3	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5D, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
T	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT
V1	INCIDENTAL MILLING
V2	MILLING 1.5" DEPTH

SHOPTON ROAD WEST



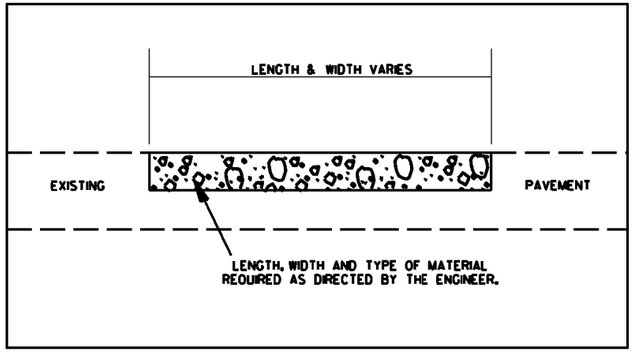
TYPICAL SECTION NO. 7

HAMBRIGHT ROAD



TYPICAL SECTION NO. 8

PATCHING DETAIL



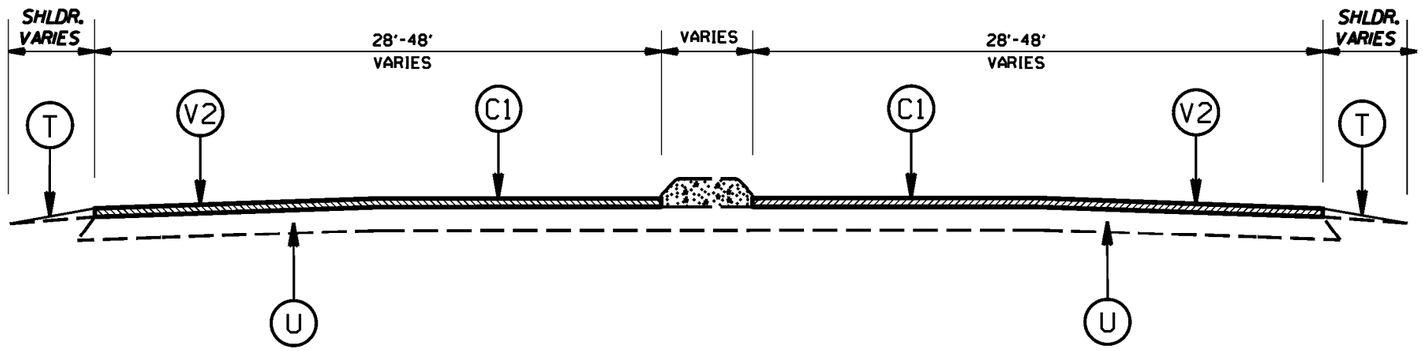
2025 MECKLENBURG COUNTY
RESURFACING CONTRACT I

		REVISIONS	
SCALE	-NA-		
DATE			
DWG. BY	JHE		
DESIGN BY			
APPROVED			

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.			
WBS NO.	2025CPT.J0.07.J0601 2025CPT.J0.07.2060I		

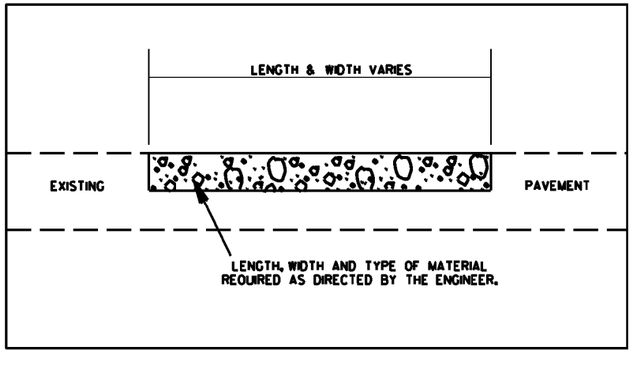
PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C3	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5D, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
T	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT
V1	INCIDENTAL MILLING
V2	MILLING 1.5" DEPTH

HAMBRIGHT ROAD

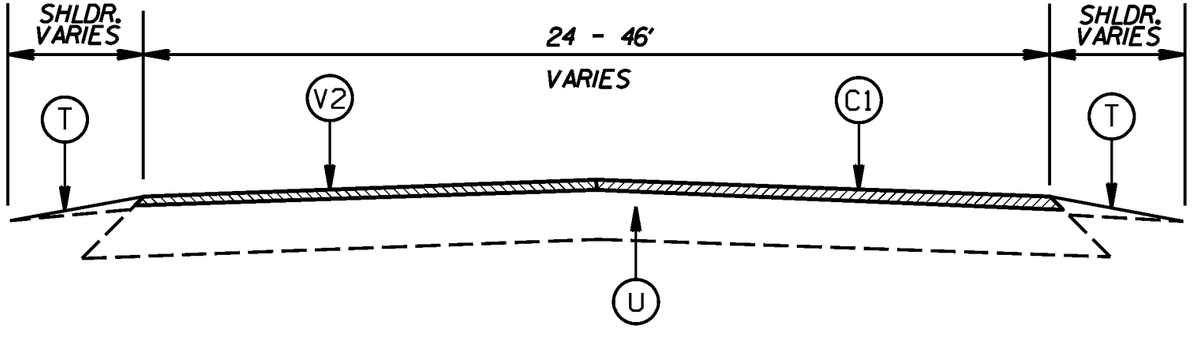


TYPICAL SECTION NO. 9

PATCHING DETAIL



HAMBRIGHT ROAD



TYPICAL SECTION NO. 10

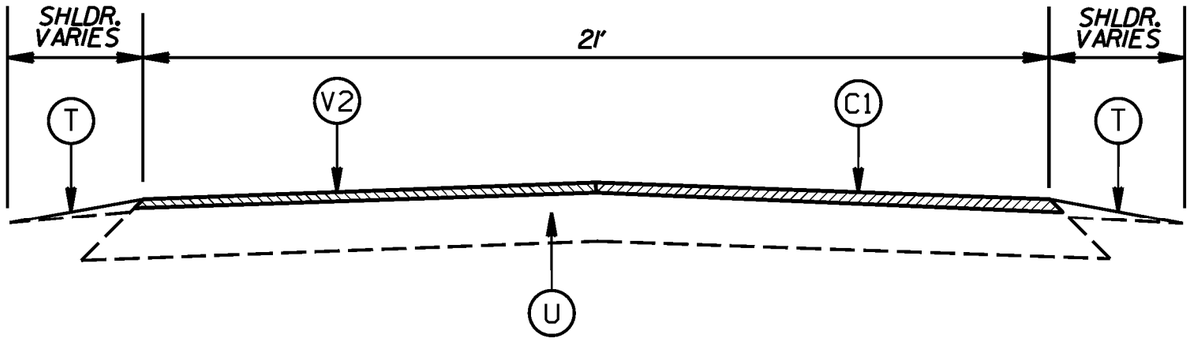
2025 MECKLENBURG COUNTY
RESURFACING CONTRACT I

		REVISIONS	
SCALE	-NA-		
DATE			
DWG. BY	JHE		
DESIGN BY			
APPROVED			

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.			
WBS NO.	2025CPT.10.07.10601 2025CPT.10.07.20601		

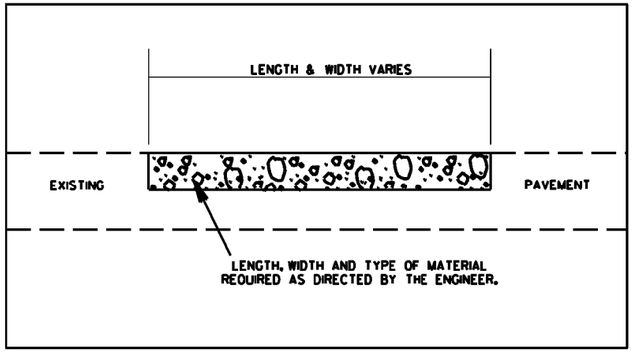
PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C3	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5D, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
T	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT
V1	INCIDENTAL MILLING
V2	MILLING 1.5" DEPTH

JIM KIDD ROAD
MAYES ROAD



TYPICAL SECTION NO. 11

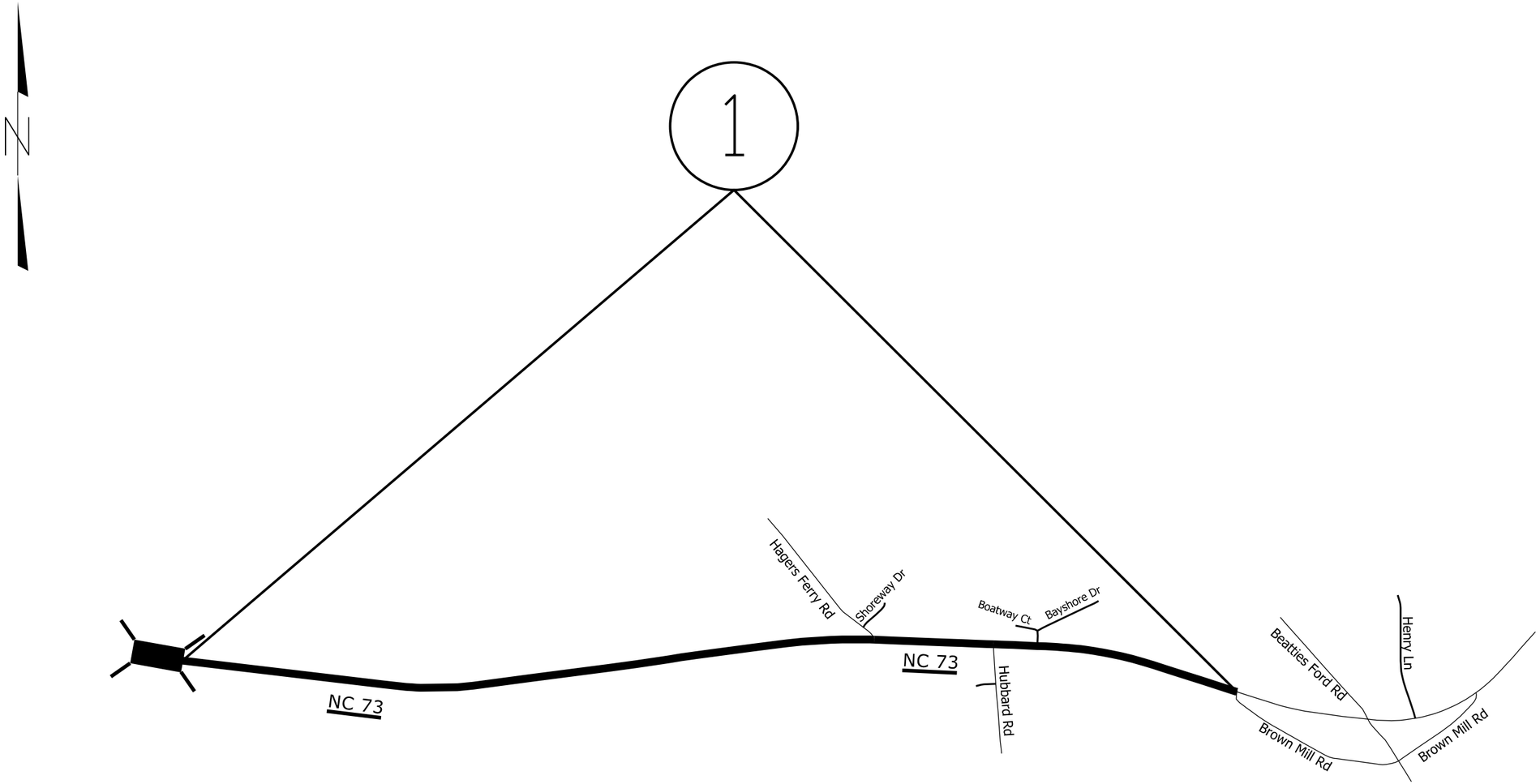
PATCHING DETAIL



2025 MECKLENBURG COUNTY
RESURFACING CONTRACT I

		REVISIONS	
SCALE	-NA-		
DATE			
DWG. BY	JHE		
DESIGN BY			
APPROVED			

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.			
WBS NO.	2025CPT.10.07.10601 2025CPT.10.07.20601		



MAP

#1 NC 73

DESCRIPTION

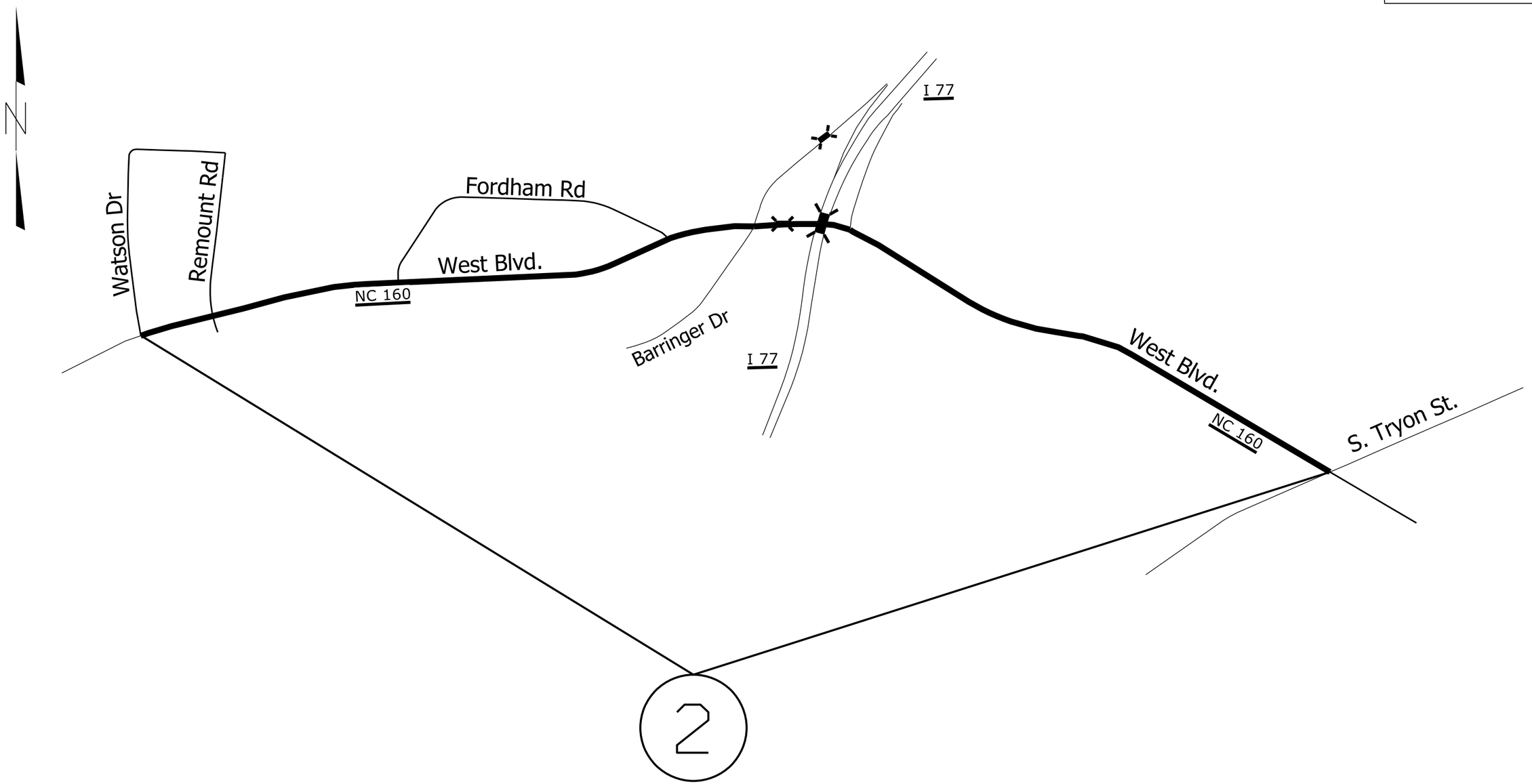
FROM LINCOLN COUNTY LINE TO BROWN MILL ROAD

2025 MECKLENBURG COUNTY
RESURFACING CONTRACT 1

		REVISIONS	
SCALE	-NA-		
DATE			
DWG. BY	JHE		
DESIGN BY			
APPROVED			

DIVISION OF HIGHWAYS
DISTRICT 2

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.			
WBS NO.	2025CPT.10.07.10601 2025CPT.10.07.20601		



MAP

#2 NC 160 WEST BLVD

DESCRIPTION

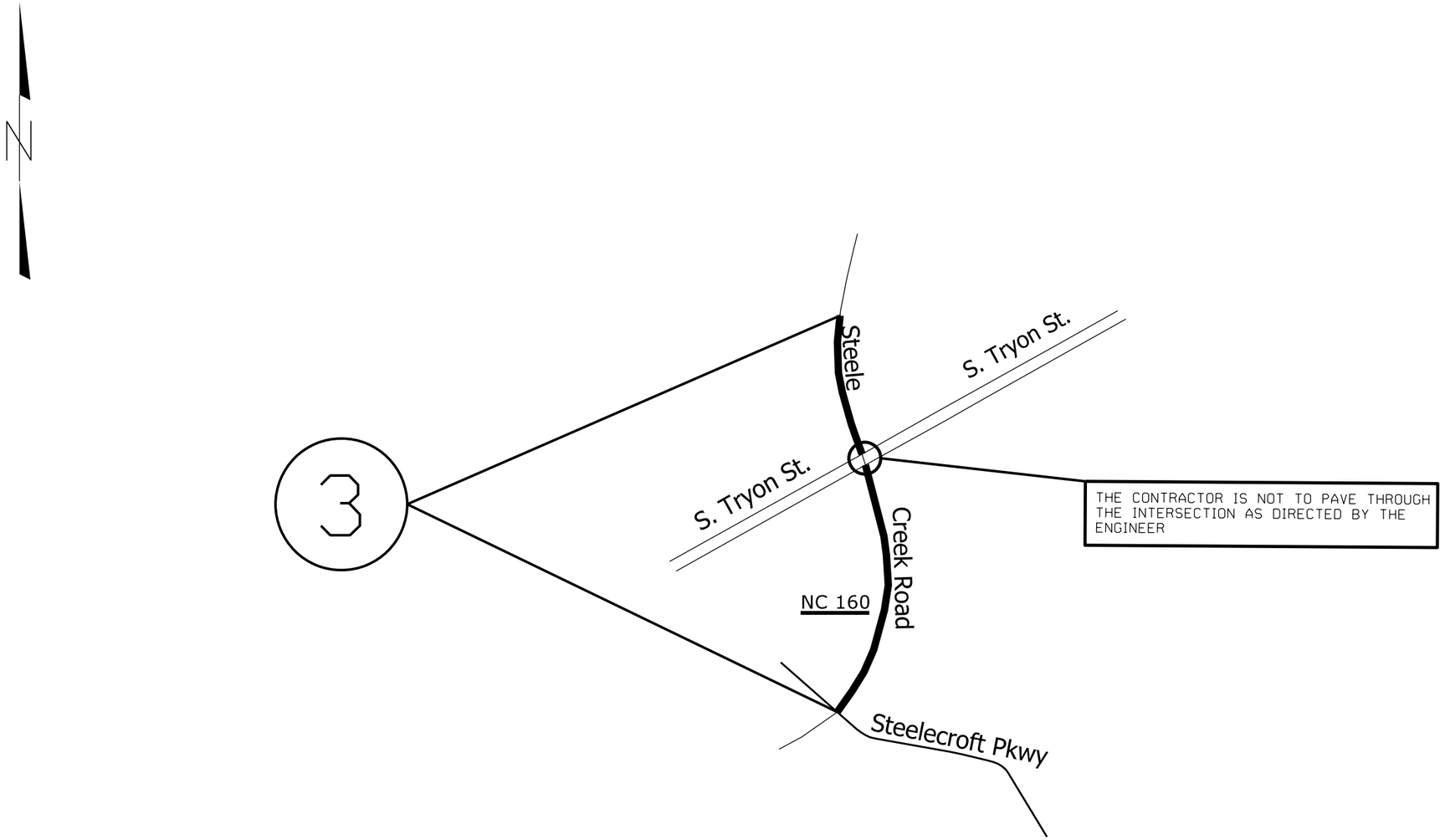
FROM WALTON ROAD TO S. TRYON STREET

2025 MECKLENBURG COUNTY
RESURFACING CONTRACT #1

		REVISIONS	
SCALE	-NA-		
DATE			
DWG. BY	JHE		
DESIGN BY			
APPROVED			

DIVISION OF HIGHWAYS
DISTRICT 2

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.			
WBS NO.	2025CPT.10.07.10601 2025CPT.10.07.20601		



MAP

#3 NC 160 STEELE CREEK ROAD

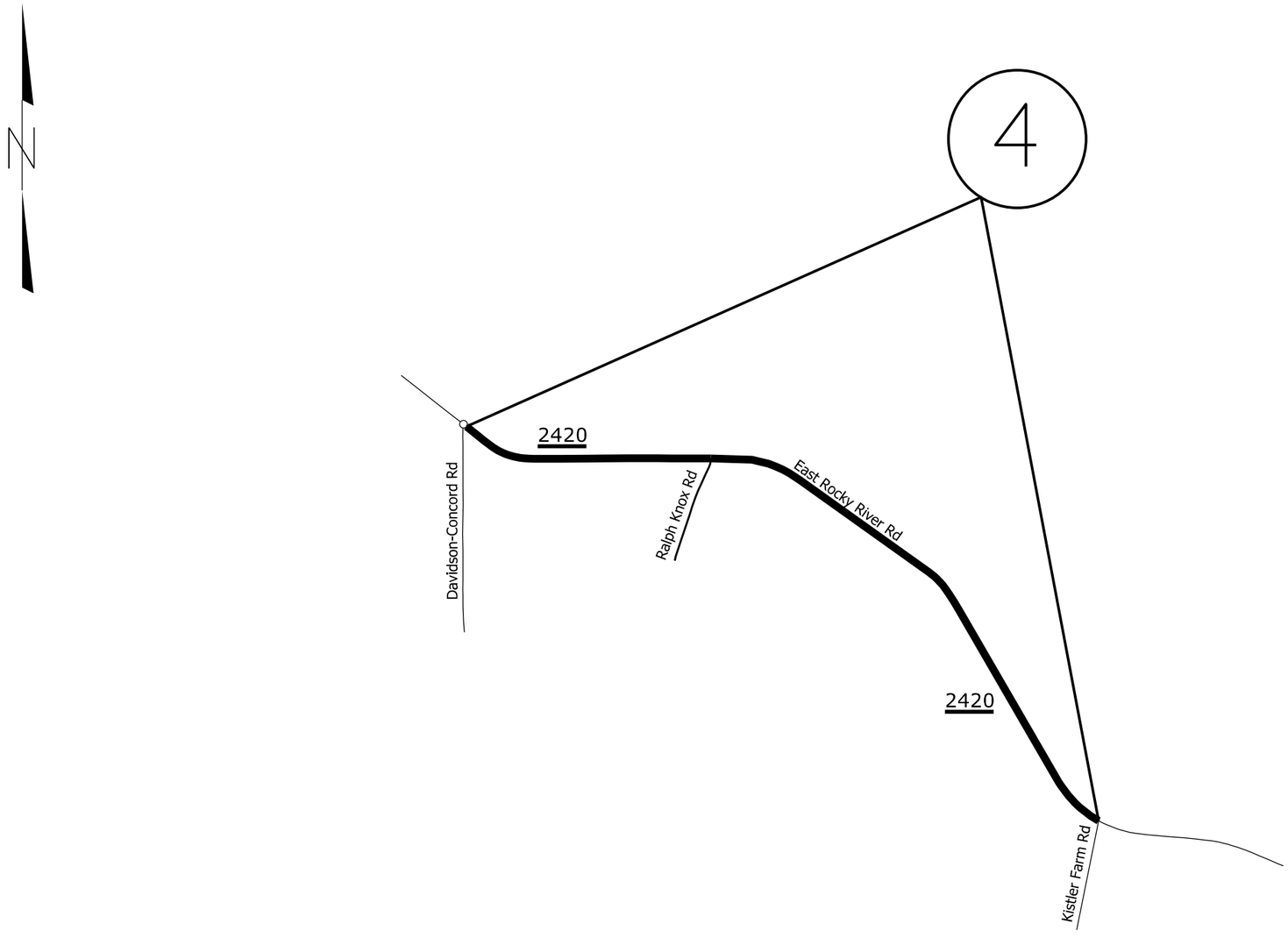
DESCRIPTION

327 FT PRIOR TO S. TRYON ST . TO STEELECROFT PKWY

2025 MECKLENBURG COUNTY
RESURFACING CONTRACT #1

		REVISIONS	
SCALE -NA-	DIVISION OF HIGHWAYS DISTRICT 2		
DATE			
DWG. BY JHE			
DESIGN BY			
APPROVED			

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.			
WBS NO.	2025CPT.10.07.10601 2025CPT.10.07.20601		



MAP

#4 SR 2420 EAST ROCKY RIVER ROAD

DESCRIPTION

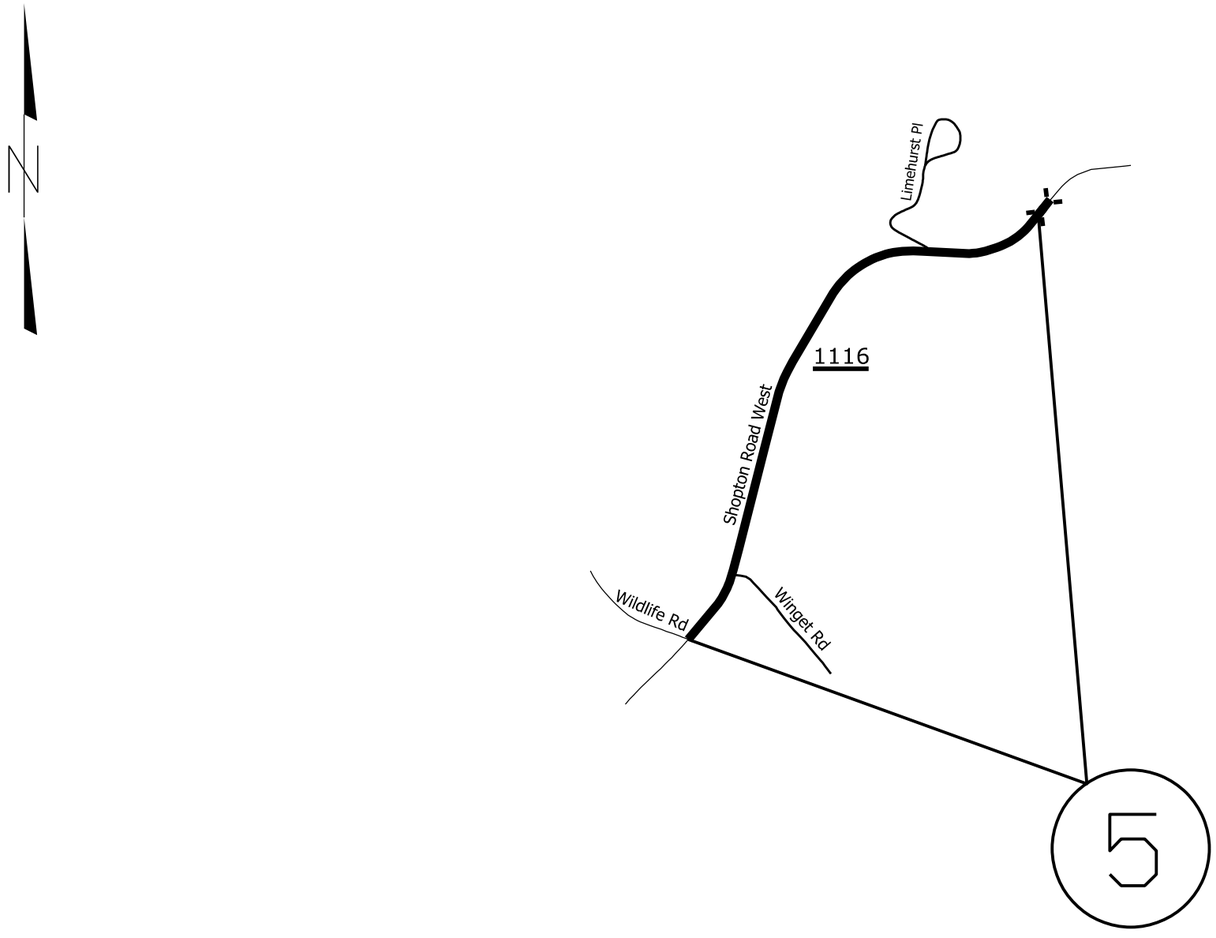
KISTLER FARM ROAD TO DAVIDSON-CONCORD ROAD

2025 MECKLENBURG COUNTY RESURFACING CONTRACT #1

		REVISIONS	
SCALE	-NA-		
DATE			
DWG. BY	JHE		
DESIGN BY			
APPROVED			

DIVISION OF HIGHWAYS
DISTRICT 2

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.			
WBS NO.	2025CPT.10.07.10601 2025CPT.10.07.20601		



MAP

#5 SR 1116 SHOPTON ROAD WEST

DESCRIPTION

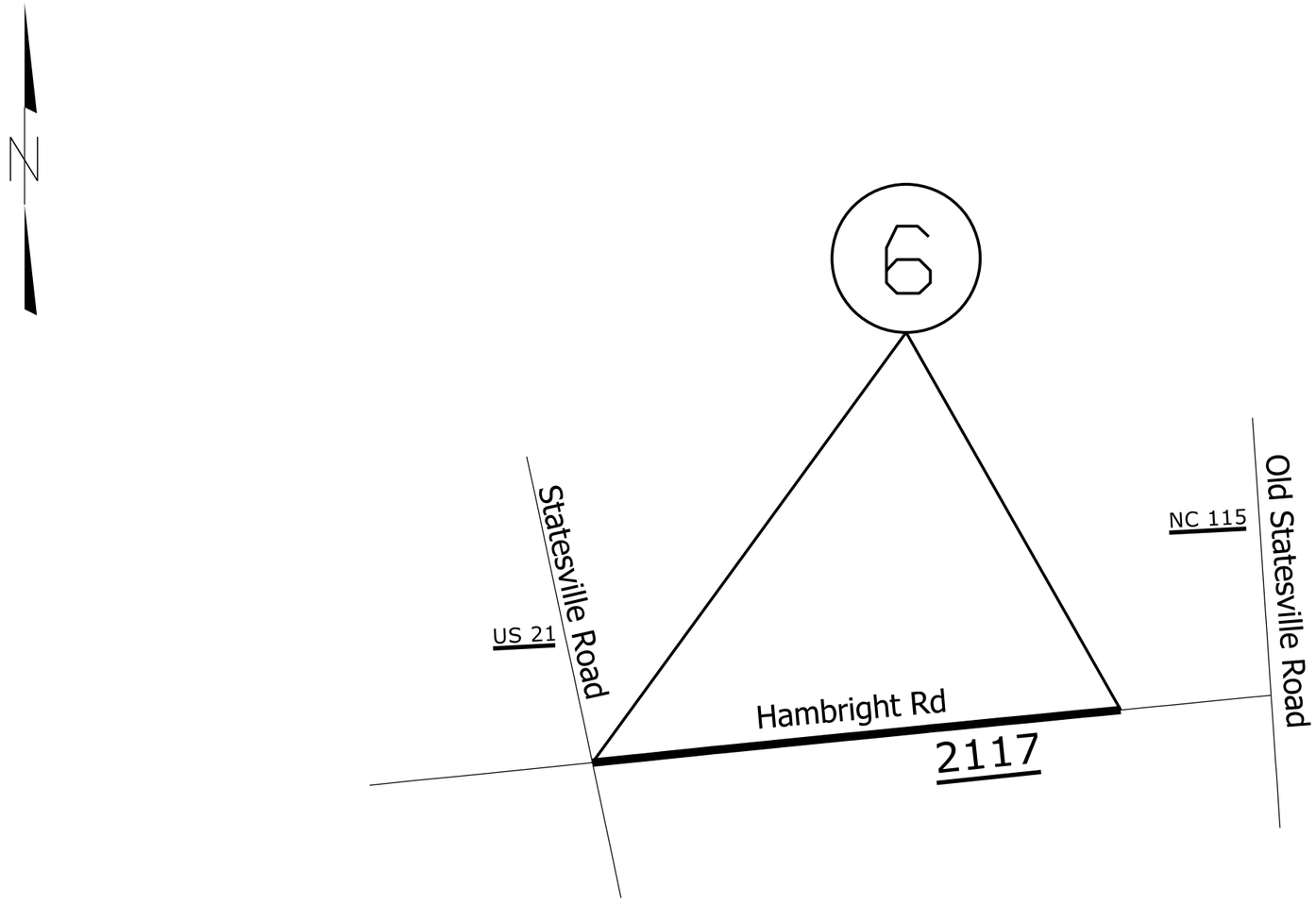
FROM THE CATAWBA RIVER BRIDGE TO WILDLIFE ROAD

2025 MECKLENBURG COUNTY
RESURFACING CONTRACT #1

		REVISIONS	
SCALE	-NA-		
DATE			
DWG. BY	JHE		
DESIGN BY			
APPROVED			

DIVISION OF HIGHWAYS
DISTRICT 2

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.			
WBS NO.	2025CPT.10.07.10601 2025CPT.10.07.20601		



MAP

#6 SR 2117 HAMBRIGHT ROAD

DESCRIPTION

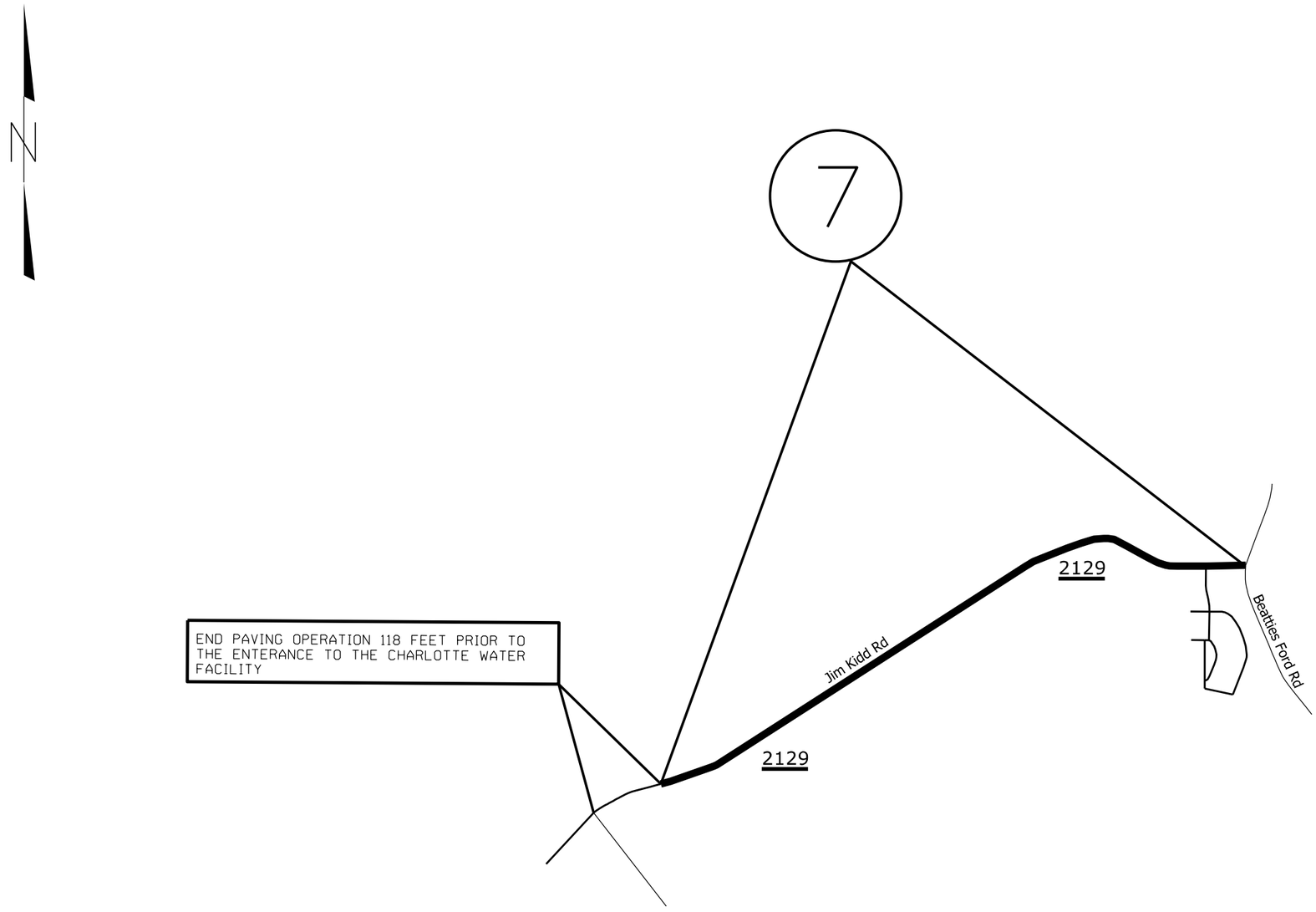
FROM END OF ISLAND AT BLYTHE SCHOOL TO US 21 STATESVILLE ROAD

2025 MECKLENBURG COUNTY
RESURFACING CONTRACT #1

		REVISIONS	
SCALE	#N/A		
DATE			
DWG. BY	JHE		
DESIGN BY			
APPROVED			

DIVISION OF HIGHWAYS
DISTRICT 2

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.			
WBS NO.	2025CPT.10.07.10601 2025CPT.10.07.20601		



MAP

#7 SR 2129 JIM KIDD ROAD

DESCRIPTION

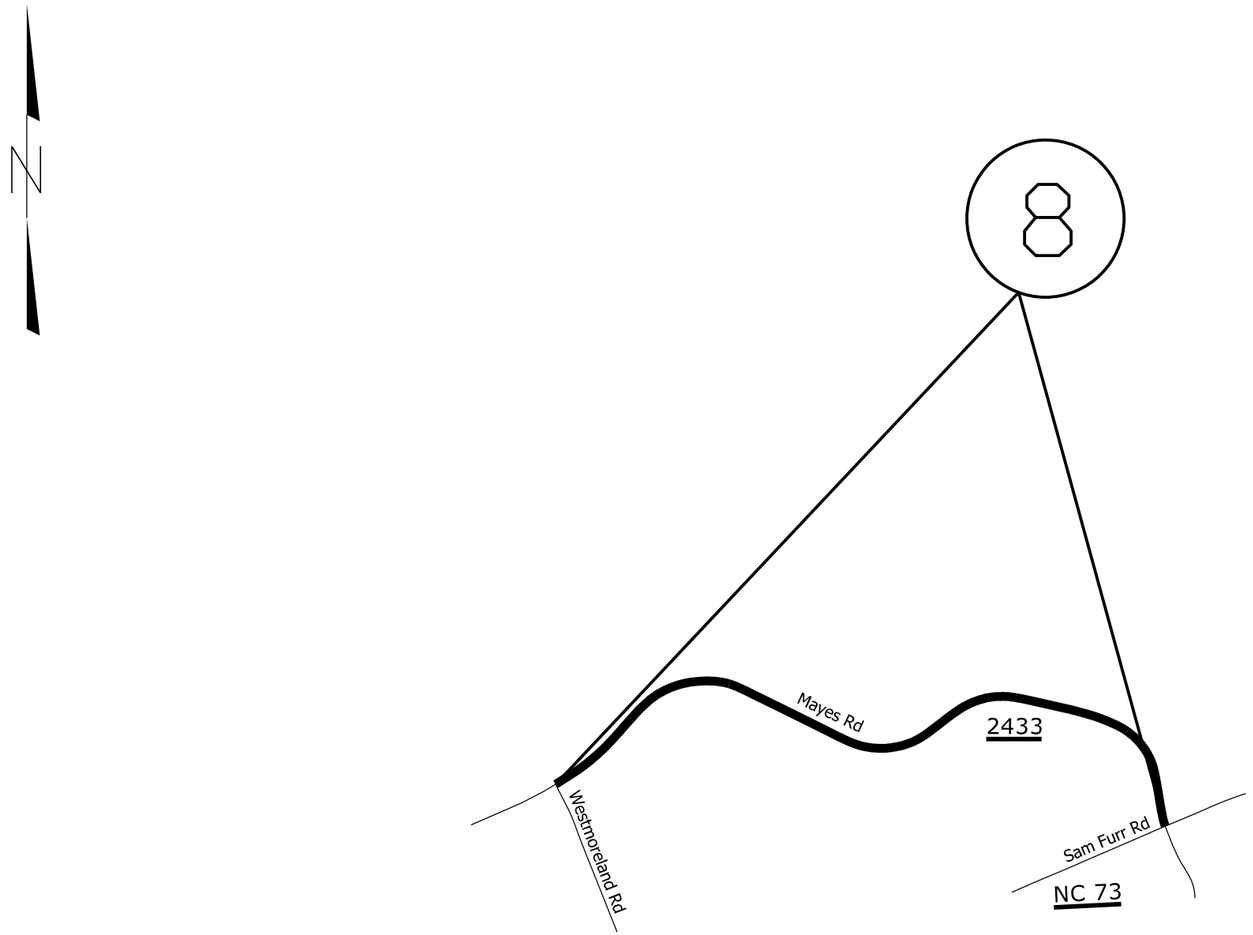
FROM BEATTIES FORD ROAD TO
END OF MAINTENANCE

2025 MECKLENBURG COUNTY
RESURFACING CONTRACT #1

		REVISIONS	
SCALE	-NA-		
DATE			
DWG. BY	JHE		
DESIGN BY			
APPROVED			

DIVISION OF HIGHWAYS
DISTRICT 2

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.			
WBS NO.	2025CPT.10.07.10601 2025CPT.10.07.20601		



MAP

#8 SR 2433 MAYES ROAD

DESCRIPTION

FROM WESTMORELAND ROAD TO
SAM FURR ROAD

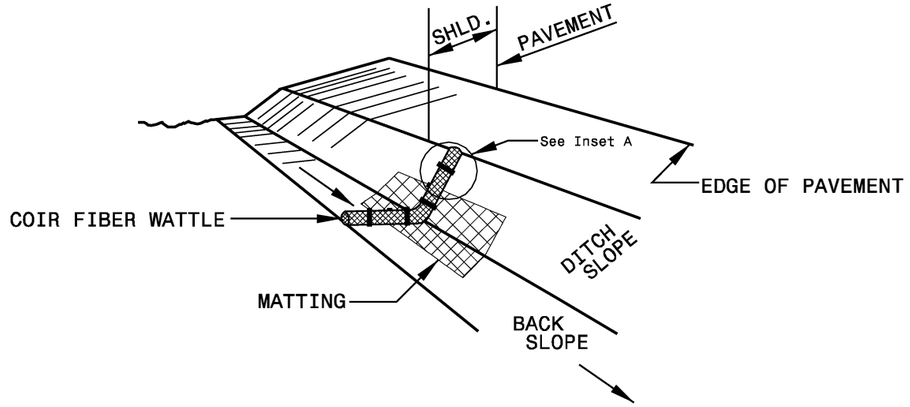
2025 MECKLENBURG COUNTY
RESURFACING CONTRACT #1

		REVISIONS	
SCALE	#A#		
DATE			
DWG. BY	JHE		
DESIGN BY			
APPROVED			

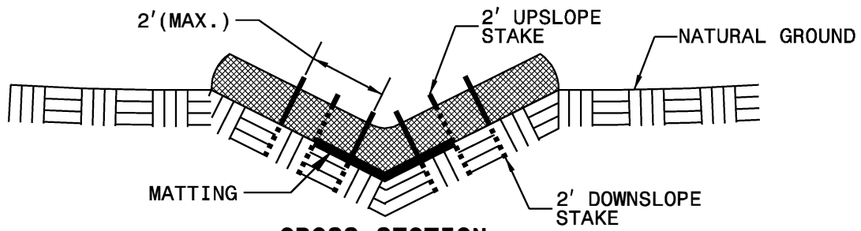
DIVISION OF HIGHWAYS
DISTRICT 2

PROJECT REFERENCE NO.	SHEET NO.
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

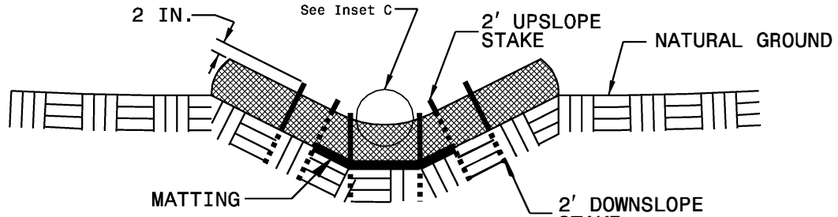
COIR FIBER WATTLE WITH POLYACRYLAMIDE (PAM) DETAIL



ISOMETRIC VIEW



CROSS SECTION VEE DITCH



CROSS SECTION TRAPEZOIDAL DITCH

NOTES:

USE MINIMUM 12 IN. DIAMETER COIR FIBER (COCONUT 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.

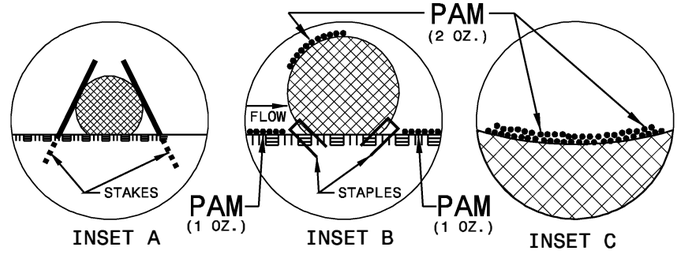
PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.

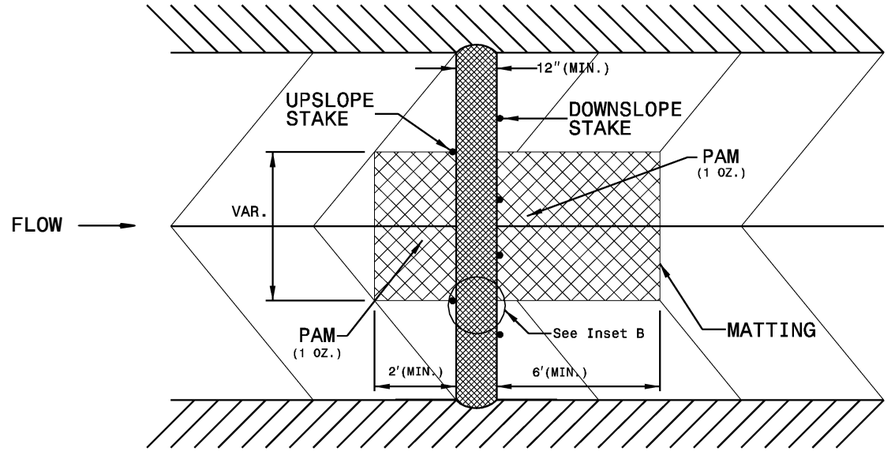
INSTALL STAPLES APPROXIMATELY EVERY 1 LINEAR FOOT ON BOTH SIDES OF WATTLE AND AT EACH END TO SECURE IT TO THE SOIL.

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

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

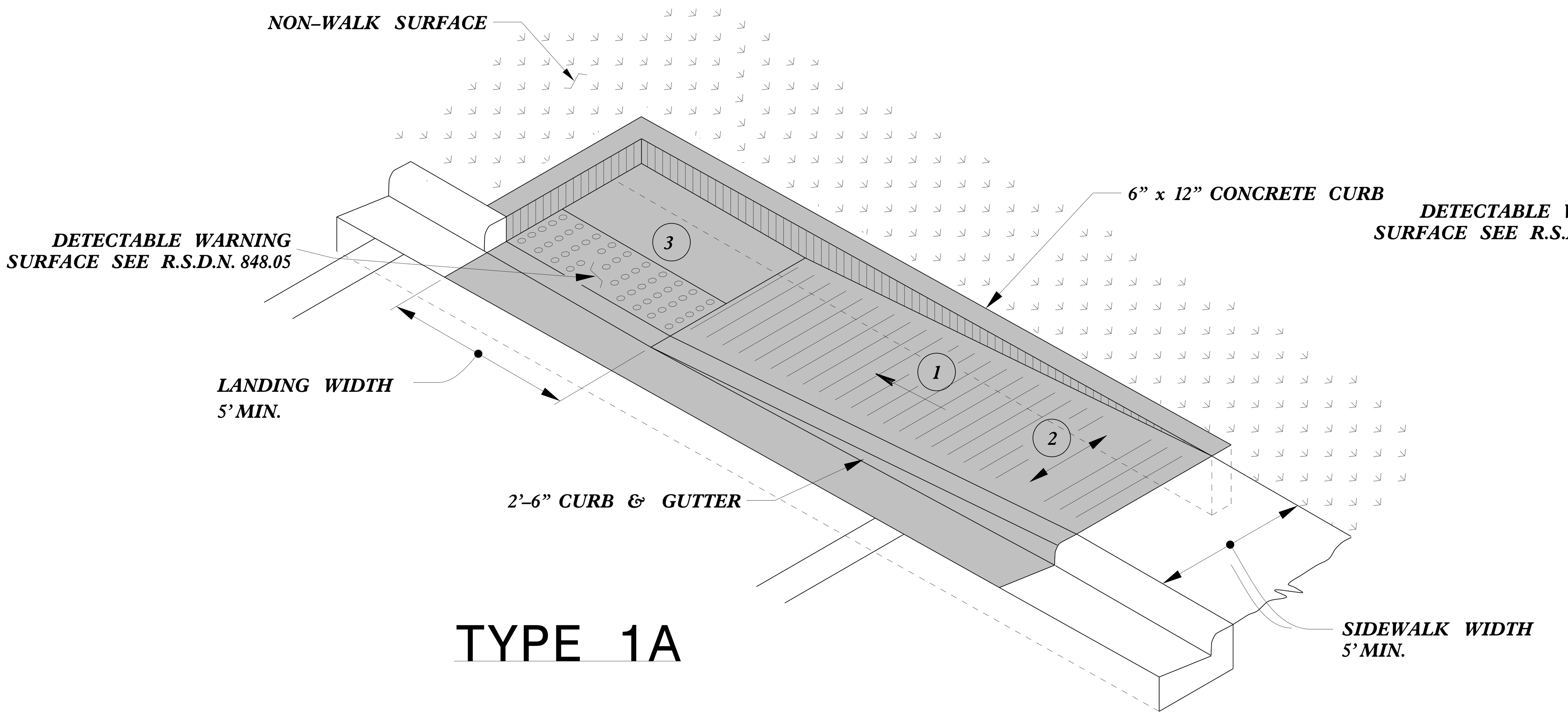
INITIALLY APPLY 2 OUNCES OF ANIONIC OR NEUTRALLY CHARGED PAM OVER WATTLE WHERE WATER WILL FLOW AND 1 OUNCE OF PAM ON MATTING ON EACH SIDE OF WATTLE. REAPPLY PAM AFTER EVERY RAINFALL EVENT THAT IS EQUAL TO OR EXCEEDS 0.50 IN.



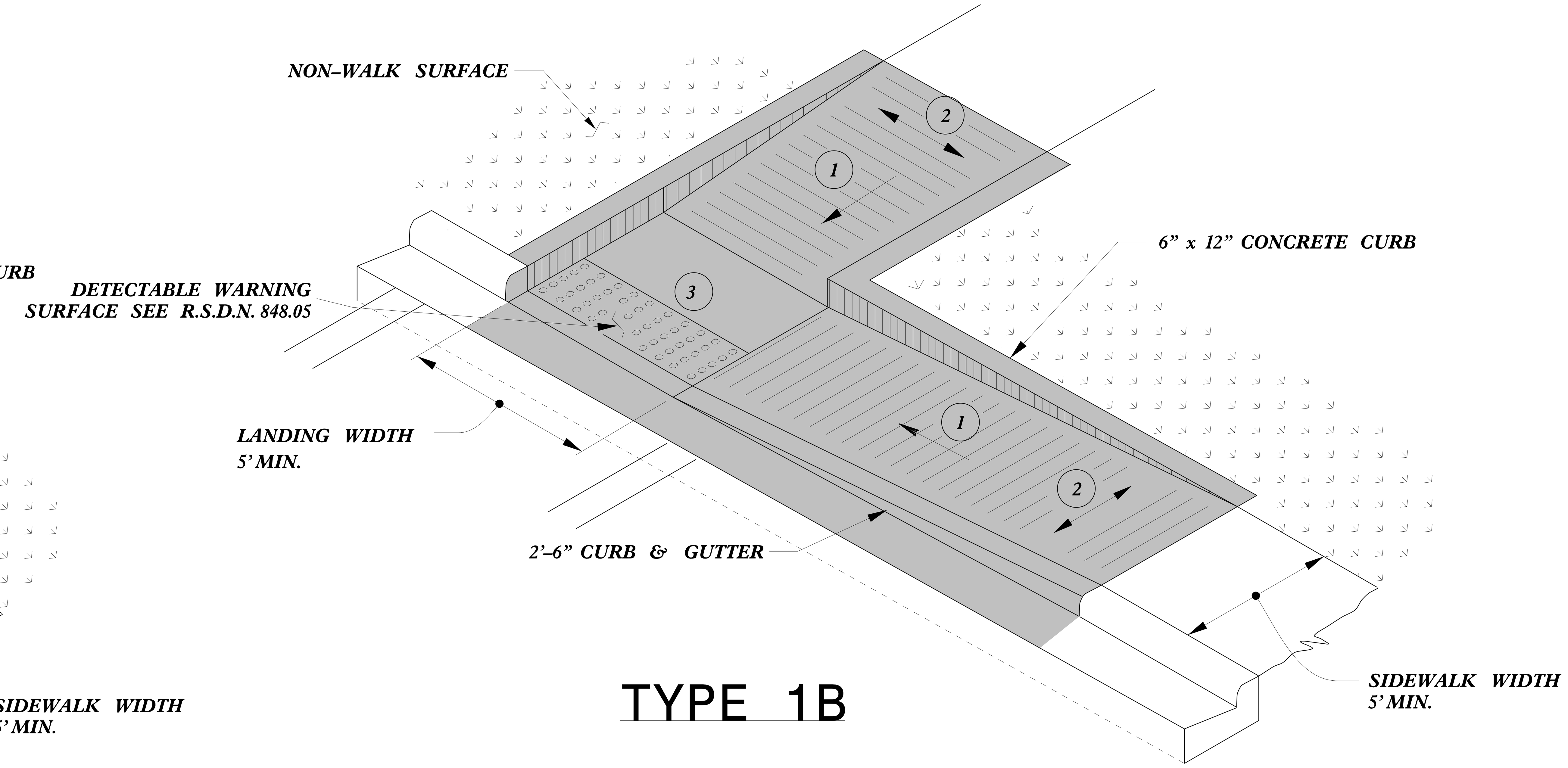


TOP VIEW

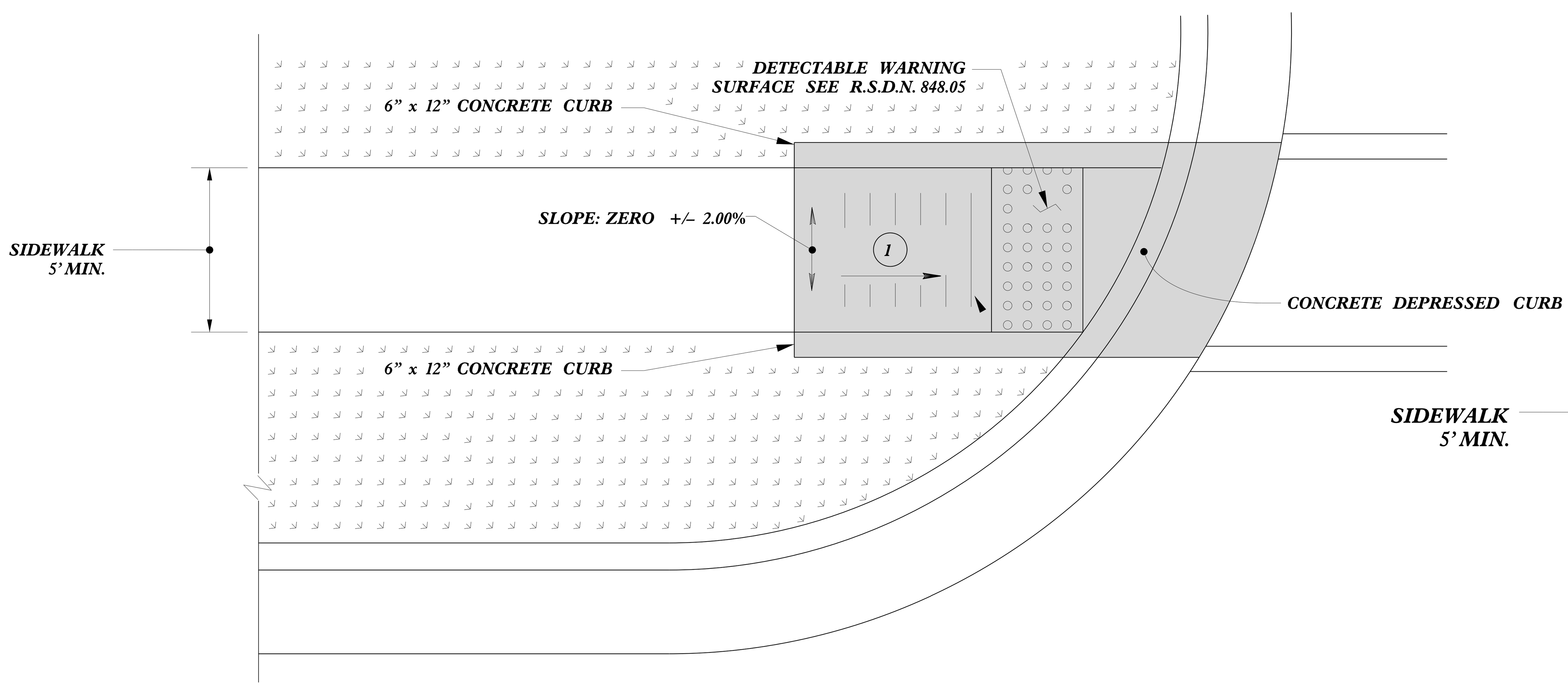
PROJECT REFERENCE NO.	SHEET NO.



TYPE 1A



TYPE 1B



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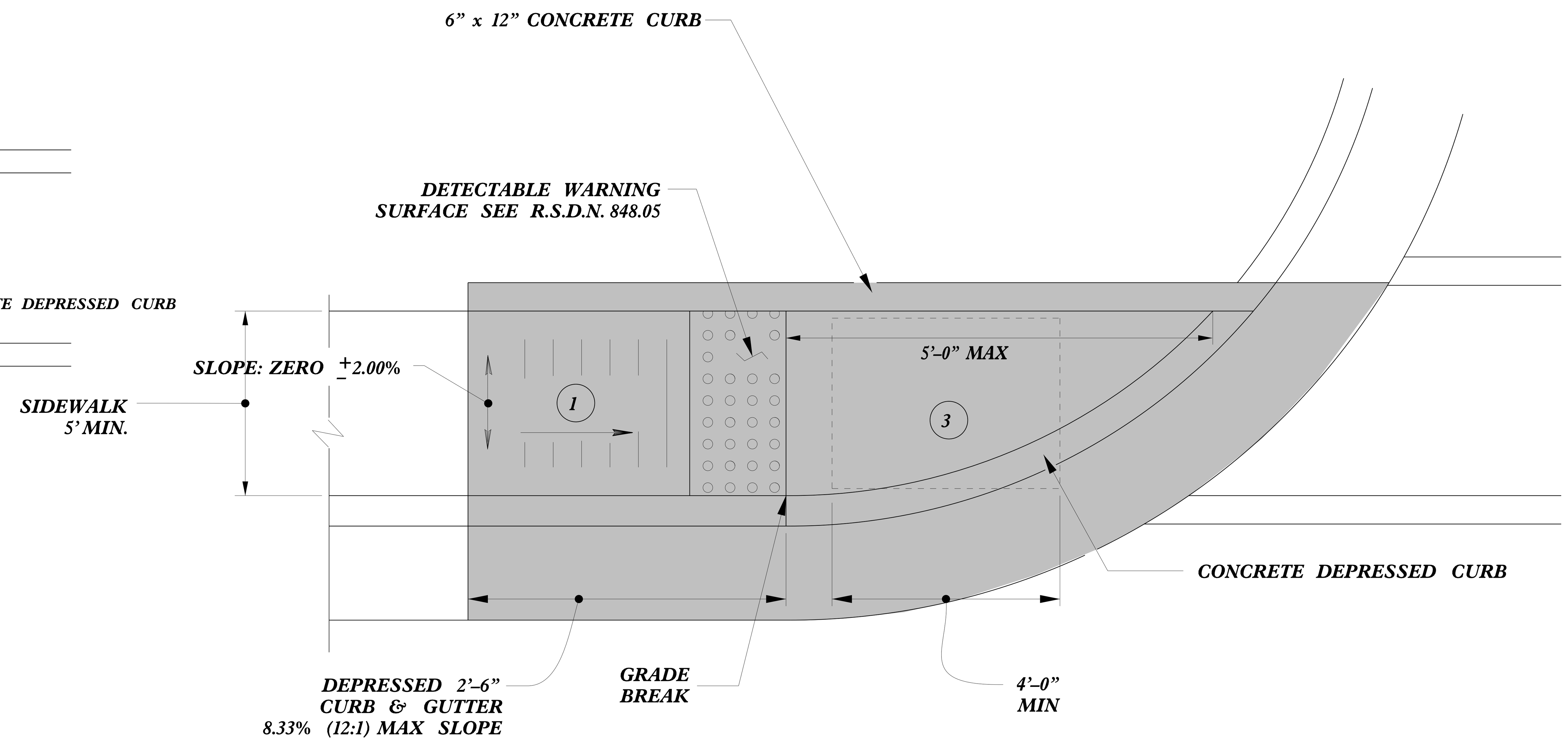


TYPE 1

(1) 8.33% (12:1) MAX RAMP SLOPE

(2) CROSS SLOPE: 2.00%

(3) CURB RAMPS REQUIRE A (4'–0") MINIMUM LANDING WITH A MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 2.00% WHERE PEDESTRIANS PERFORM TURNING MANEUVERS. SLOPE TO DRAIN TO CURB.

▨ PAY LIMITS FOR 1 CURB RAMP

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

NORTH CAROLINA PROFESSIONAL SEAL 022966 ENGINEER Joel S. Howerton
DocuSigned by:
Joel S. Howerton
873F3D17DCDC45F...
10/30/2019

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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

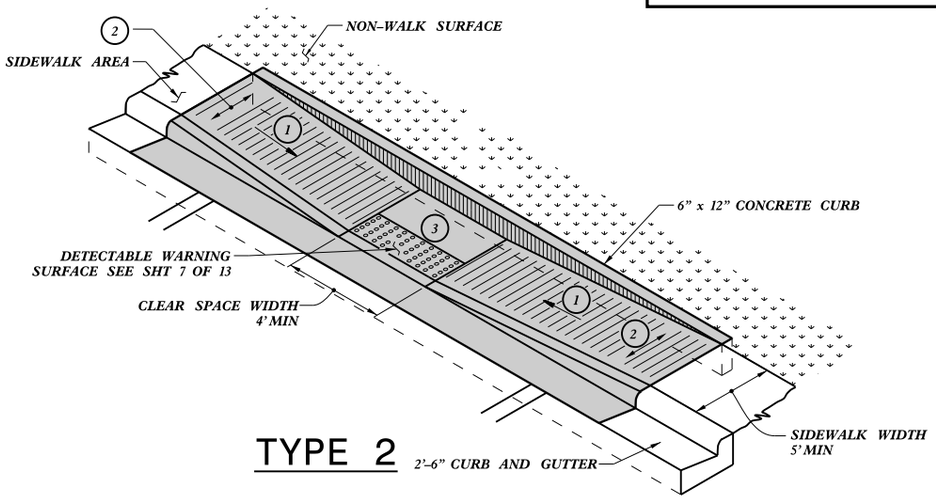
CURB RAMPS

Directional Ramps

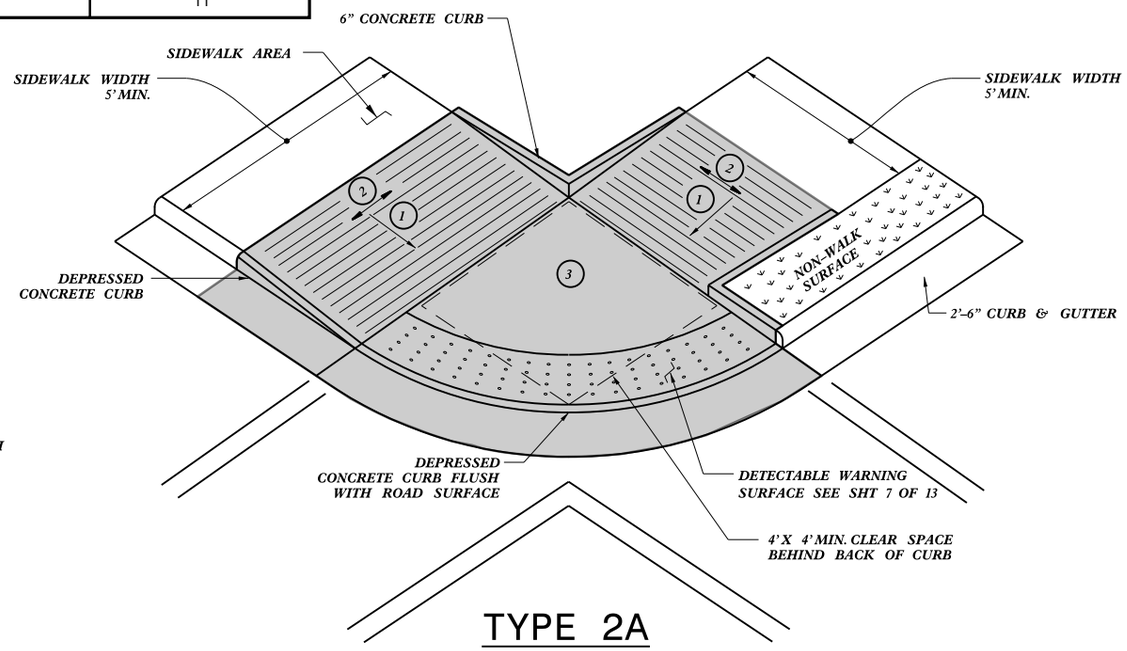
ORIGINAL BY: J.S. HOWERTON DATE: 7/7/11
MODIFIED BY: DATE:
CHECKED BY: DATE:
FILE SPEC.: stds/2012CurbRamp/CurbRampDetails.dgn

5/14/99
$$$$$$SYSTIME$$$$
$$$$$$$$$DGN$$$$$$$$$$$$$$$$
$$$$$$USERNAME$$$$

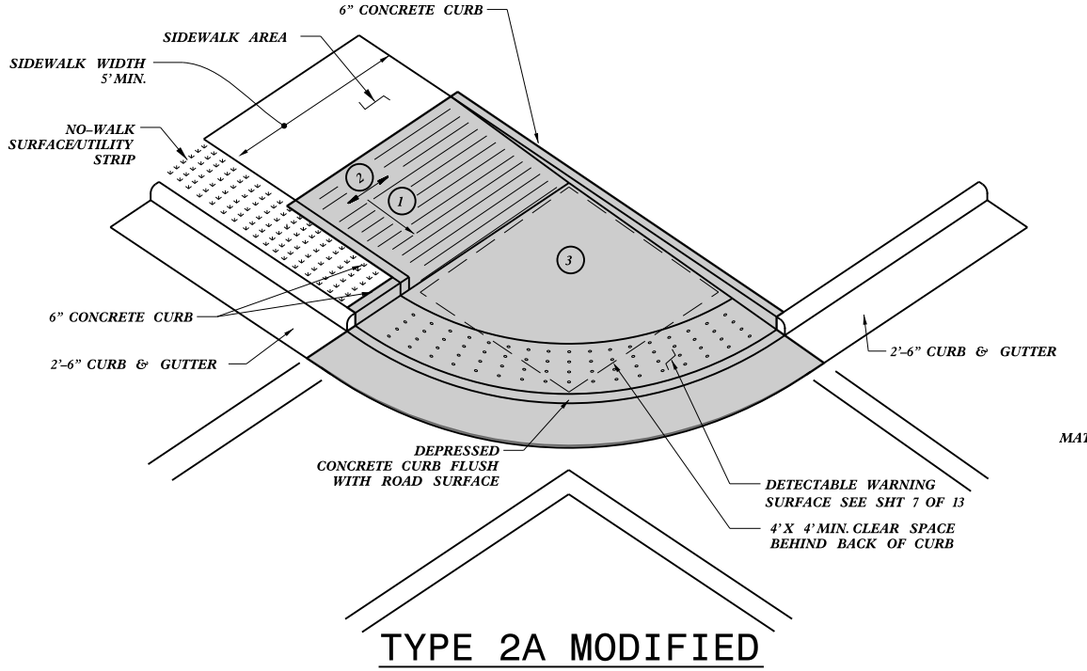
PROJECT REFERENCE NO.	SHEET NO.
WBS: 50939.3.3	11



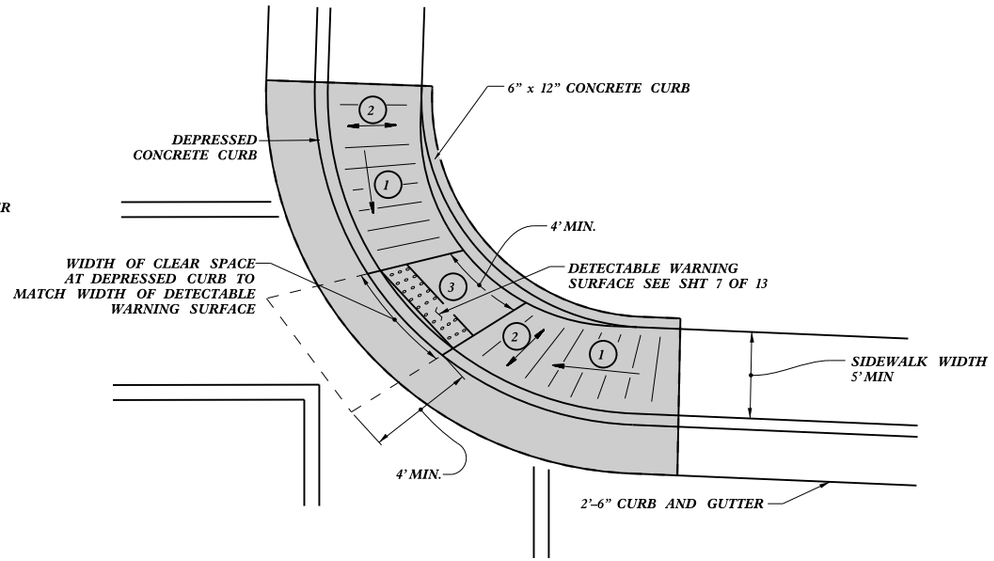
TYPE 2



TYPE 2A



TYPE 2A MODIFIED



TYPE 2B

(1) 8.33% (12:1) MAX RAMP SLOPE

(2) CROSS SLOPE: 2.00%

(3) MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 2.00%.

PAY LIMITS FOR 1 CURB RAMP

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

1-24

ROADWAY STANDARD DRAWING FOR

CURB RAMP

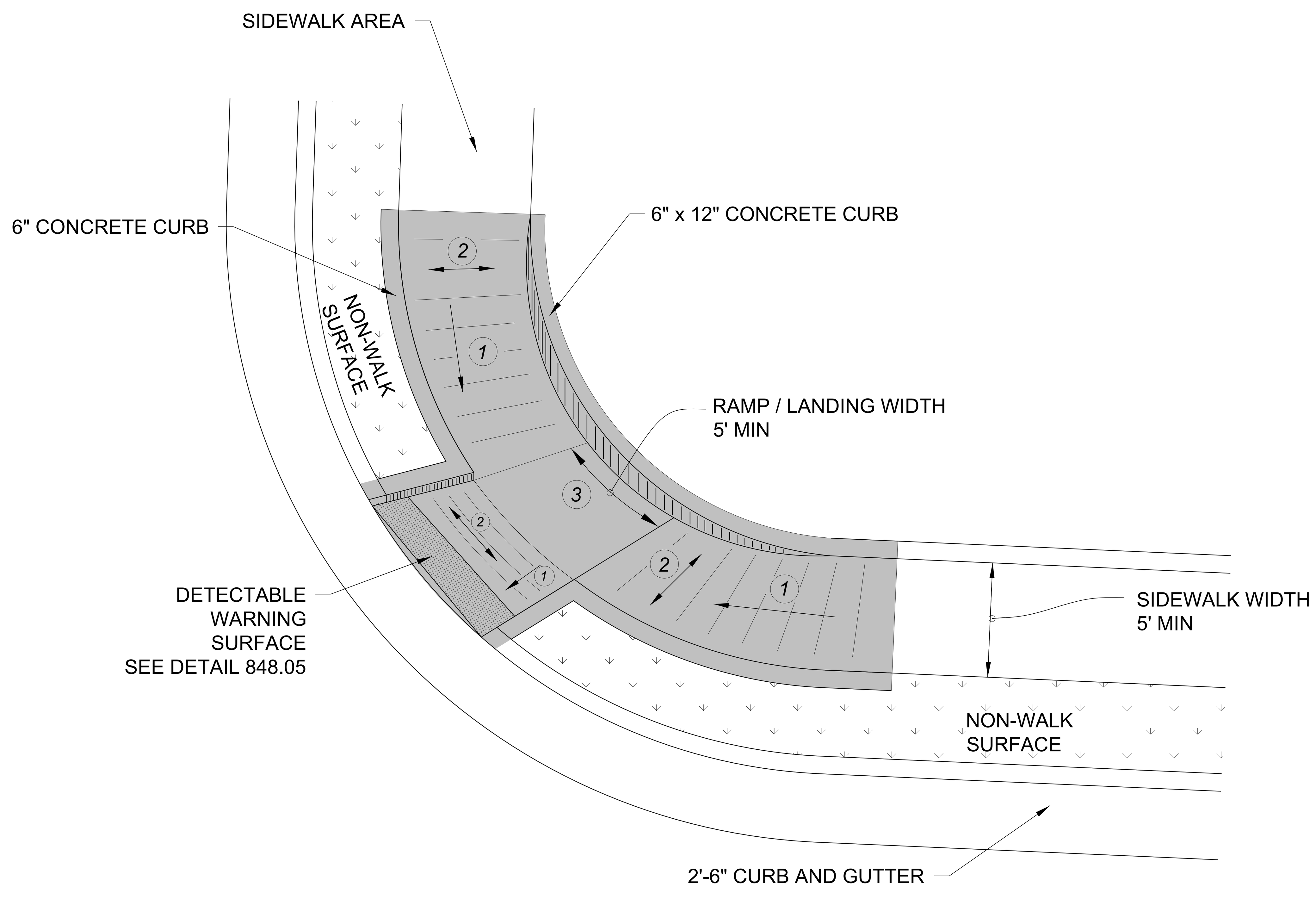
PARALLEL RAMP

SHEET 8 OF 13

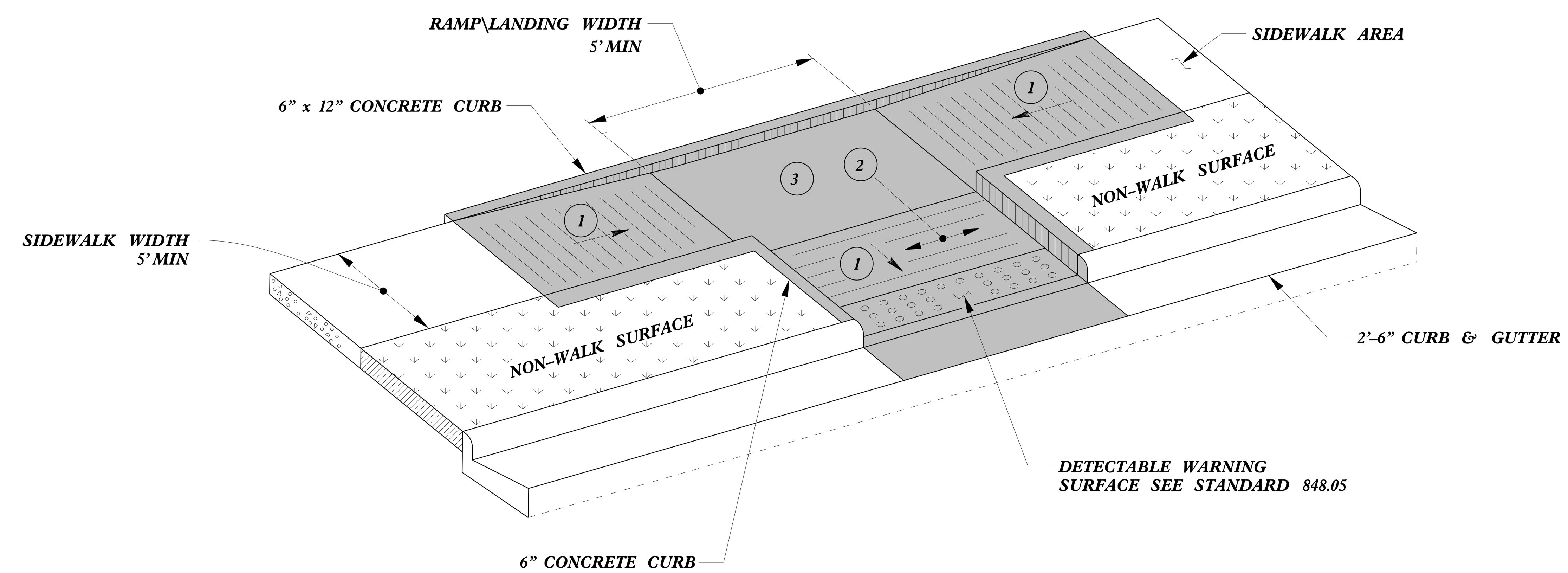
848.06

PROJECT REFERENCE NO.	SHEET NO.

▨ PAY LIMITS FOR 1 CURB RAMP



TYPE 3 MODIFIED
INSTALLATION IN A RADIUS



TYPE 3

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

NORTH CAROLINA PROFESSIONAL SEAL 022966 ENGINEER Joel S. Howerton
DocuSigned by:
Joel S. Howerton
873F3D17DCDC45F...
10/30/2019

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

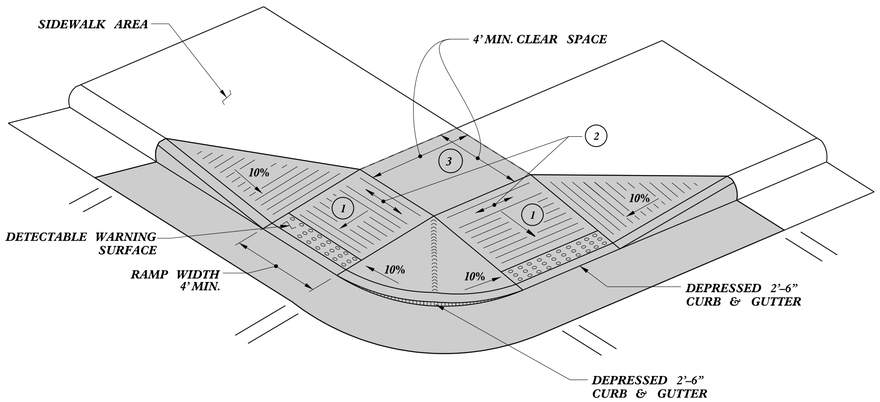
CURB RAMPS

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

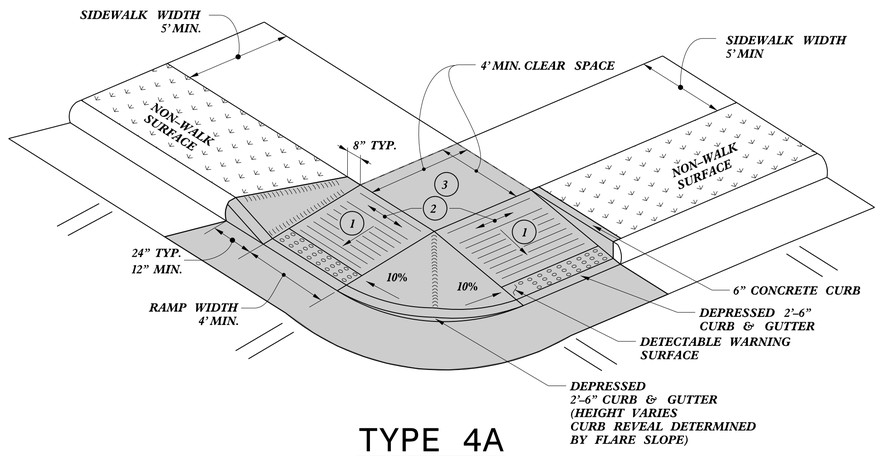
5/14/99
$$$$$$SYSTIME$$$$$
$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$

PROJECT REFERENCE NO.	SHEET NO.
WBS: 50939.3.3	13

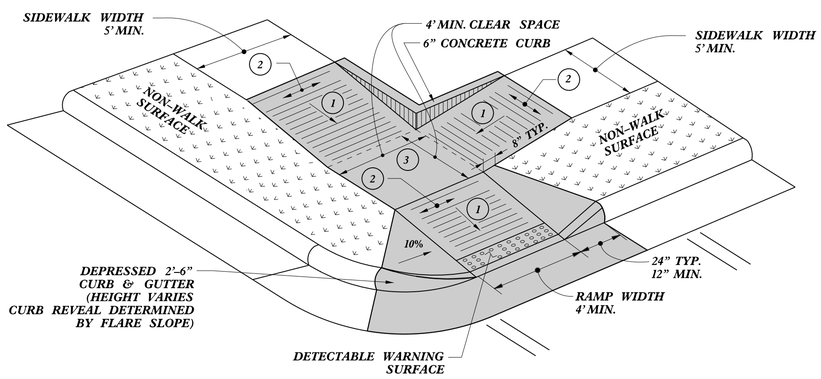
PROJECT REFERENCE NO.	SHEET NO.



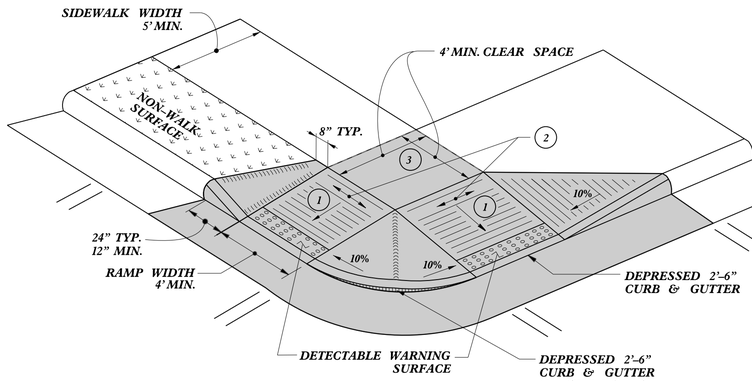
TYPE 4



TYPE 4A



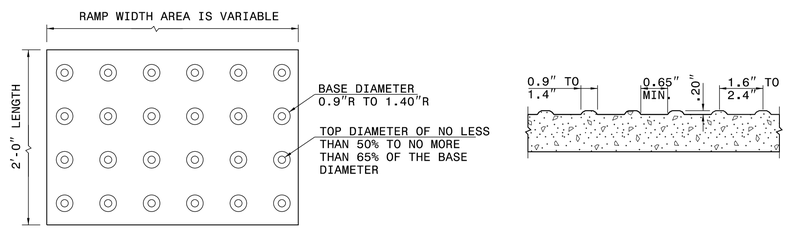
TYPE 4B



TYPE 4C

NOTES:
DETECTABLE WARNING SURFACE SHALL COVER 2'-0" LENGTH AND FULL WIDTH OF THE RAMP FLOOR AS SHOWN ON THE DETAILS.

DETECTABLE WARNING SURFACE SHALL CONTRAST VISIBLY WITH ADJOINING SURFACE, EITHER LIGHT-ON-DARK, OR DARK-ON-LIGHT SEQUENCE COVERING THE ENTIRE RAMP.



DETECTABLE WARNING SURFACE

(1) *8.33% (12:1) MAX RAMP SLOPE*

(2) *CROSS SLOPE: 2.00%*

(3) *MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 2.00%.*

PAY LIMITS FOR 1 OR 2 CURB RAMPS (CALCULATE BASED ON NUMBER OF SETS OF DETECTABLE WARNING SURFACES

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

ROADWAY STANDARD DRAWING FOR

CURB RAMP

SHARED LANDING

NORTH CAROLINA PROFESSIONAL SEAL 033144 ENGINEER NICOLE M. HACKLER

SHEET 10 OF 13

848D06

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

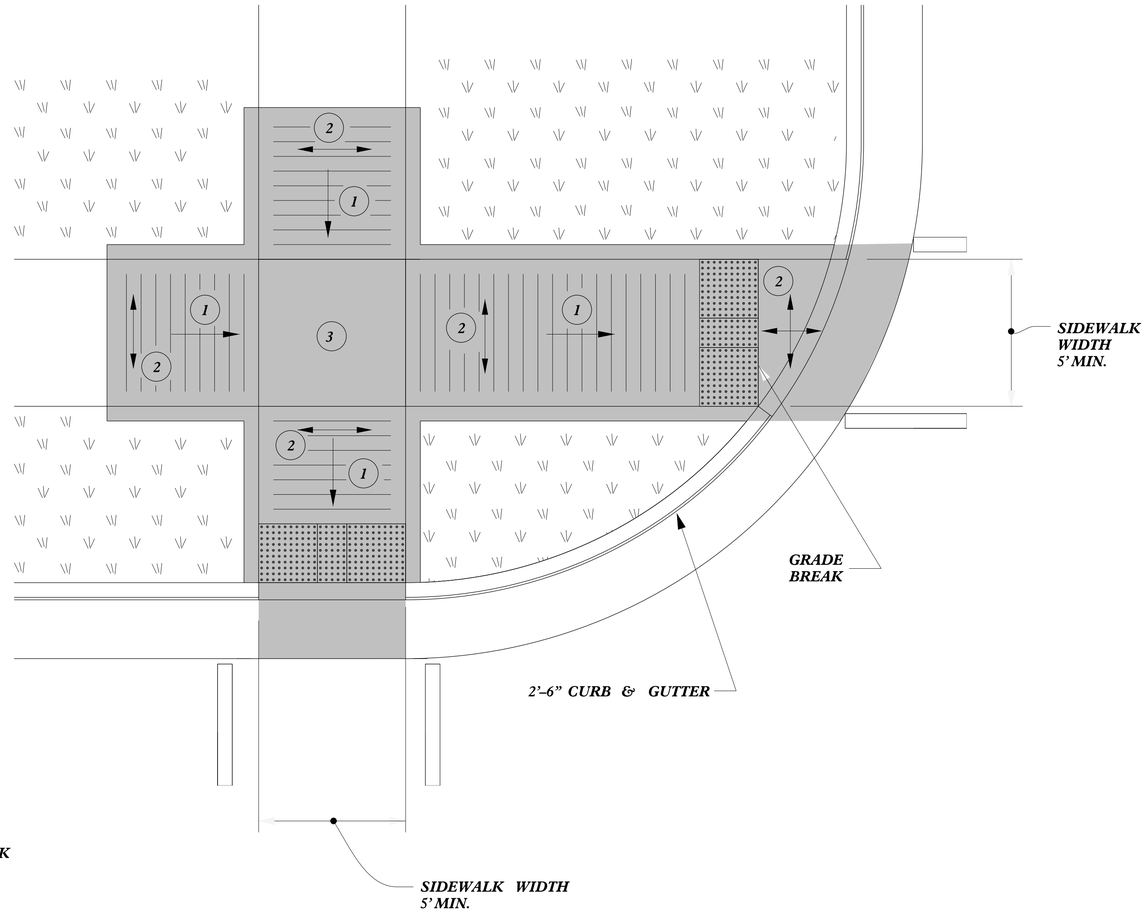
SEE TITLE BLOCK

ORIGINAL BY: S.CALHOUN DATE: 12-22-2023
MODIFIED BY: _____ DATE: _____
CHECKED BY: _____ DATE: _____
FILE SPEC.: special details\nmhackler\848D0610.dgn

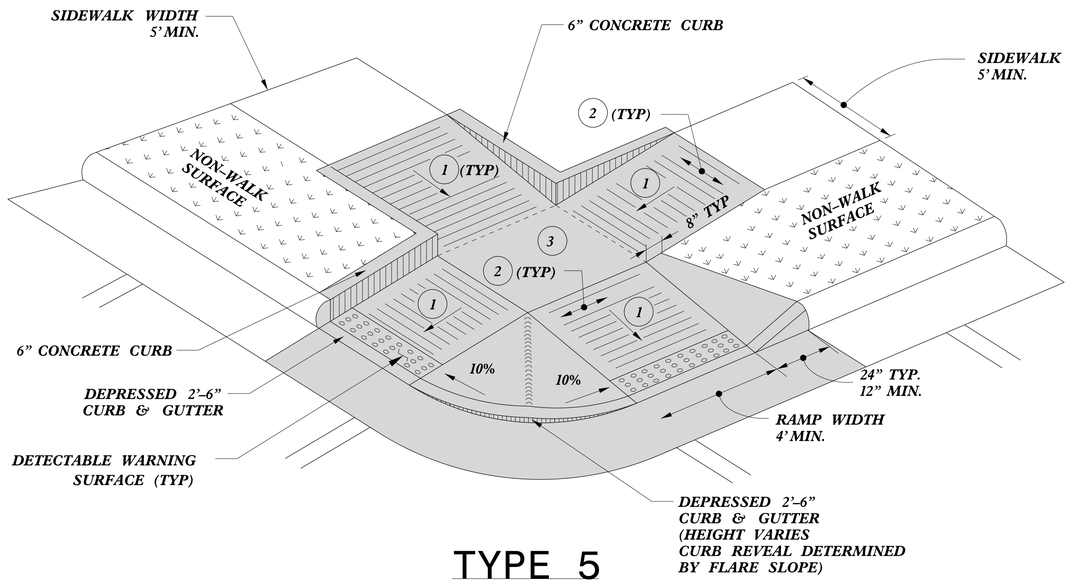
5/14/99

PROJECT REFERENCE NO.	SHEET NO.

PAY LIMITS FOR 1 OR 2 CURB RAMPS
(CALCULATE BASED ON NUMBER OF SETS
OF TRUNCATED DOMES)



TYPE 5A



TYPE 5

(1) 8.33% (12:1) MAX RAMP SLOPE

(2) CROSS SLOPE: 2.00%

(3) CURB RAMPS REQUIRE A (4'–0") MINIMUM LANDING WITH A MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 2.00% WHERE PEDESTRIANS PERFORM TURNING MANEUVERS. SLOPE TO DRAIN TO CURB.

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

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 022966 Joel S. Howerton
873F2D7D7DC64DE
10/30/2019

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

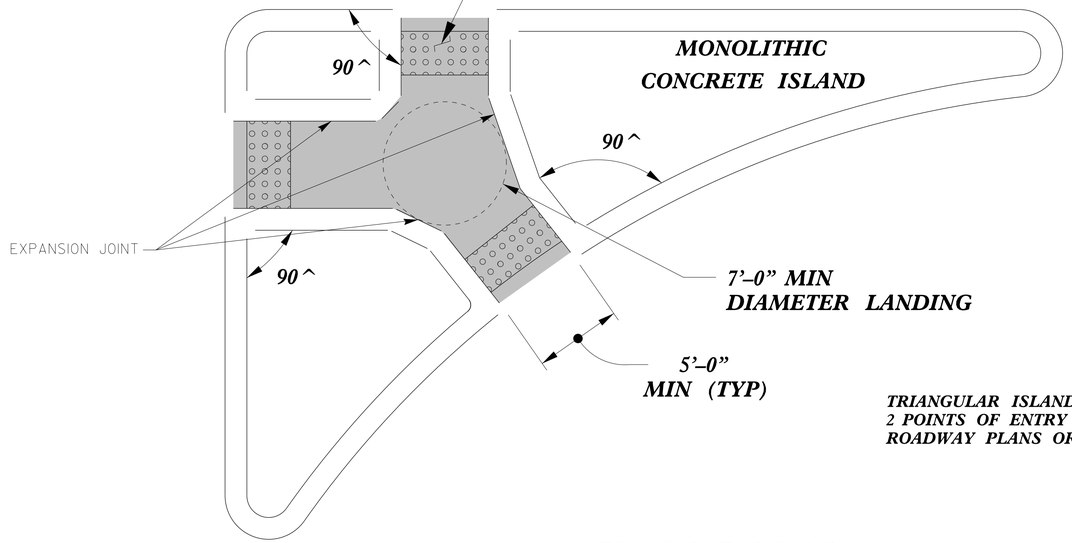
CURB RAMPS

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

$$$$USERNAME$$$$ $$$$SYSTIME$$$$ $$$$ICON$$$$

5/14/99

PROJECT REFERENCE NO.	SHEET NO.

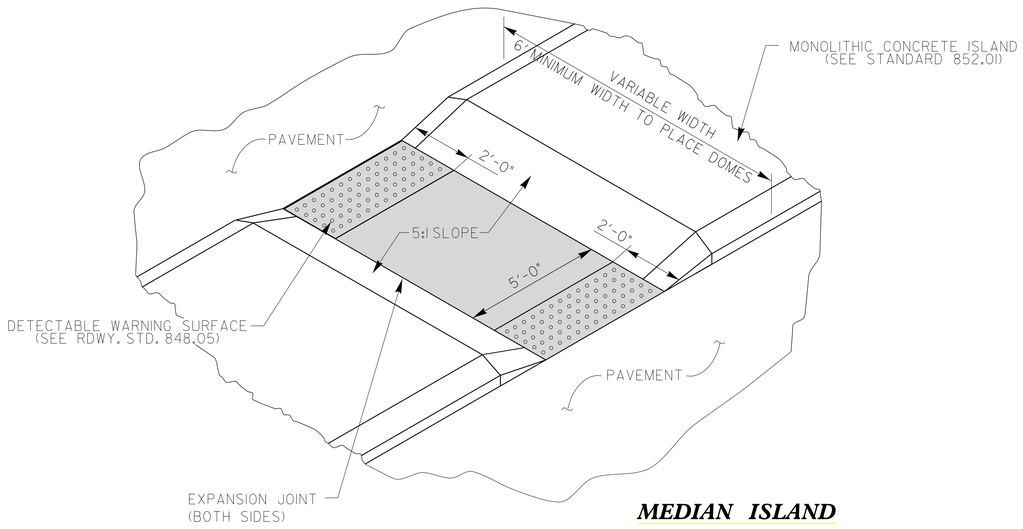


PAY LIMITS FOR 2 OR 3 CURB RAMPS (CALCULATE BASED ON NUMBER OF SETS OF TRUNCATED DOMES)

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

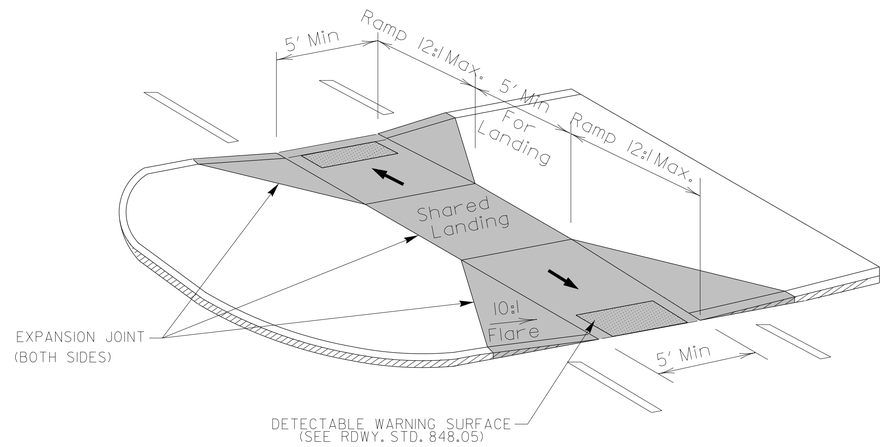
TRIANGULAR ISLAND WITH CUT THROUGH

TYPE 6



MEDIAN ISLAND WITH CUT THROUGH

TYPE 7



MEDIAN ISLAND CURB RAMPS

TYPE 8

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NORTH CAROLINA PROFESSIONAL SEAL 022966 ENGINEER Joel S. Howerton
Joel S. Howerton
B23F3D37D5D0485
10/30/2019

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

CURB RAMPS

Median or Turn Lane Islands

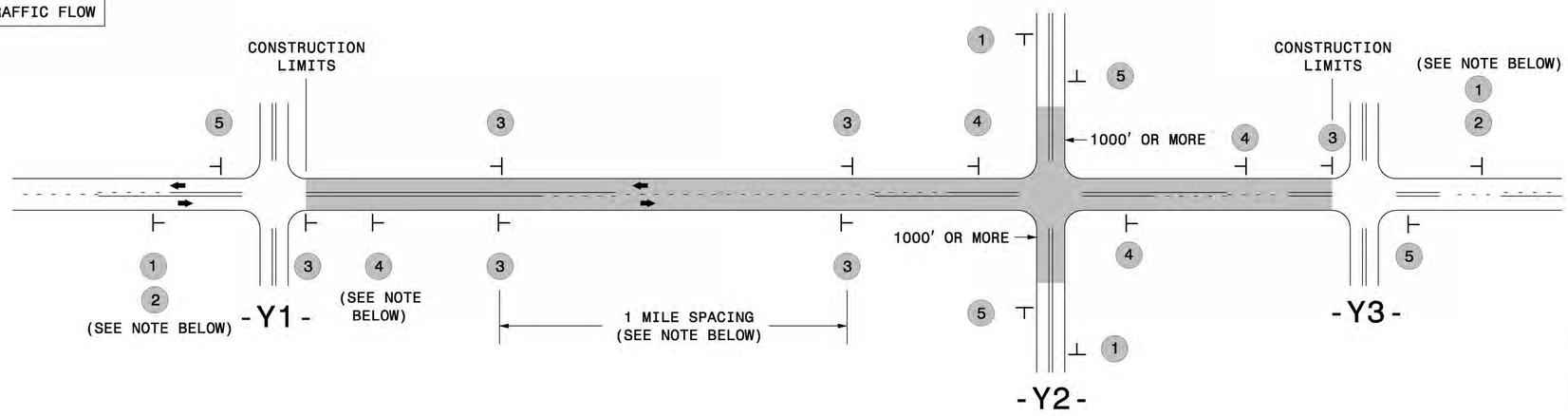
ORIGINAL BY: J.S. HOWERTON DATE: 7/7/11
MODIFIED BY: _____ DATE: _____
CHECKED BY: _____ DATE: _____
FILE SPEC.: stds/2012CurbRamp/CurbRampDetails.dgn

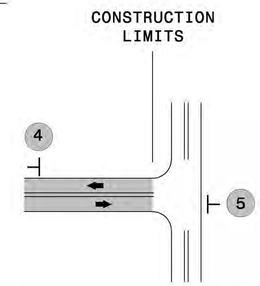
$$$$(SYSTIME)$$$$
$$$$(SIGN)$$$$
$$$$(USERNAME)$$$$

PROJ. REFERENCE NO.	SHEET NO.

SIGNING FOR RESURFACING PROJECTS

LEGEND
- ⊢ STATIONARY SIGN
- ⬅ DIRECTION OF TRAFFIC FLOW





TEE INTERSECTION

MAINLINE (-L-) SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION

1 & 2 — ROAD WORK AHEAD W20-1 48" X 48" / NEXT XX MILES W7-3aP 24" X 18"

PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.

#2 SIGN ONLY USED WHEN CONSTRUCTION LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER.(NO FRACTIONAL OR DECIMAL NUMBERS)

3 — LOW/SOFT SHOULDER SP 13107 48" X 48"

- PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACE 1 MILE APART THEREAFTER.
- AT TEE INTERSECTIONS INSTALL INITIALLY ½ MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.

4 — ROAD UNDER CONST SP 13106 48" X 48"

- THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS.
- DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS.
- INSTALL 500' +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE.
- FOR MULTIPLE -Y- LINES THAT ARE SEPARATED BY 0.25 MILES OR LESS, TREAT AS A SINGLE UNIT AND INSTALL WITHIN 500' OF EACH APPROACH.
- A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN.
- FOR TEE INTERSECTIONS, INSTALL WITHIN 500' +/- OF THE INTERSECTION ALONG -L- LINE.

5 — END ROAD WORK G20-2 A 48" X 24"

PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.

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.

MAPS LESS THAN 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.

-Y- LINE SIGNING

NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:

1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE
2) SUBDIVISION ROADS
3) DEAD END ROADS

WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, PORTABLE ADVANCE WARNING SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.

ROAD WORK AHEAD W20-1 48" X 48"
PLACED 500' IN ADVANCE OF FLAGGER.

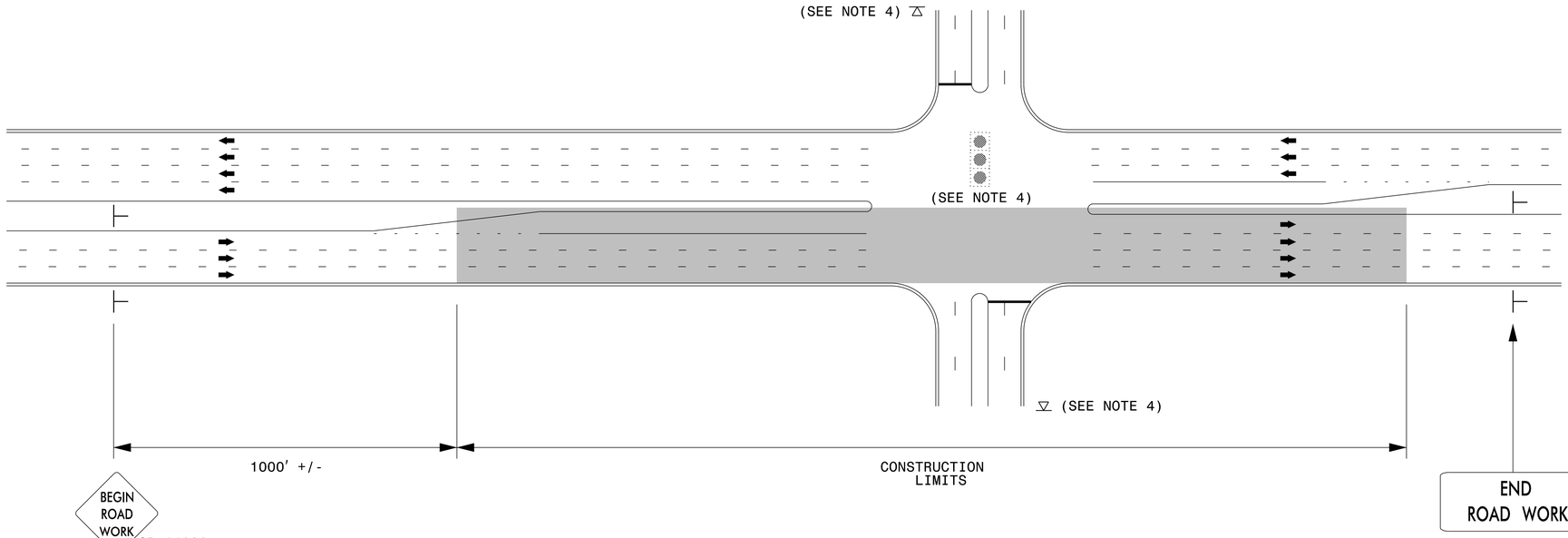
W20-7 A 48" X 48"
PLACED 250' IN ADVANCE OF FLAGGER.

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

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

PROJ. REFERENCE NO.	SHEET NO.

URBAN / SUBURBAN WORKZONES



NOTES:

1) 48" x 48" SIZED SIGNS (SP- 11299) MAY BE REDUCED TO 36" X 36" ON ROADWAYS WITH SPEED LIMITS OF 40 MPH OR LESS.
2) MOUNT SIGNS THAT ARE LARGER THAN 10 SQUARE FEET IN AREA ON TWO OR MORE WOOD OR U-CHANNEL SUPPORTS. PERFORATED SQUARE TUBING SUPPORT SYSTEMS MAY SUPPORT LARGER AREAS ON A SINGLE SUPPORT. FOLLOW MANUFACTURER'S RECOMMENDATIONS. THESE SYSTEMS SHALL BE NCHRP 350 COMPLIANT AND NCDOT APPROVED.
3) ADVANCE WARNING SIGNS NOT REQUIRED ON NON-SIGNALIZED SIDE STREETS.
4) MAY USE LAW ENFORCEMENT TO CONTROL TRAFFIC AT SIGNALIZED INTERSECTIONS AS DIRECTED BY THE ENGINEER. PROVIDE PORTABLE "ROAD WORK AHEAD" (W20-1) SIGNS 500' IN ADVANCE ALONG BOTH APPROACHES FROM THE SIDE STREETS WHEN PAVING PROCEEDS THROUGH THE INTERSECTION.
5) LATERAL CLEARANCE AT ALL SIGN LOCATIONS SHALL BE 2' AS MEASURED FROM THE EDGE OF PAVEMENT OR THE FACE OF THE CURB. WHEN UNABLE TO OBTAIN THE LATERAL CLEARANCE WITHIN THE MEDIAN AREA USE SHOULDER MOUNTS ONLY.
6) SIGN MOUNT LOCATIONS SHALL NOT BLOCK SIDEWALKS OR DRIVEWAYS.
7) IF STATIONARY GENERAL WARNING SIGNS ARE USED, THEY WILL BE PAID FOR PER SECTION 104 OF THE NCDOT STANDARD SPECIFICATIONS AS EXTRA WORK.
8) IF MILLED AREAS ARE NOT PAVED BACK BY THE END OF THE WORK DAY, PORTABLE SIGNS SHALL BE USED TO WARN DRIVERS OF THE PRESENT CONDITIONS. THESE ARE TO INCLUDE, BUT NOT LIMITED TO "ROUGH ROAD" W8-8, "UNEVEN LANES" W8-11, "GROOVED PAVEMENT" W8-15 w/MOTORCYCLE PLAQUE MOUNTED BELOW. THESE ARE TO BE DOUBLE INDICATED ON MULTI-LANE ROADWAYS WITH SPEED LIMITS 45 MPH AND GREATER WHERE LATERAL CLEARANCE CAN BE OBTAINED WITHIN THE MEDIAN AREAS.THESE PORTABLE SIGNS ARE INCIDENTAL TO THE OTHER ITEMS OF WORK INCLUDED IN THE TEMPORARY TRAFFIC CONTROL (LUMP SUM) PAY ITEM.

LEGEND

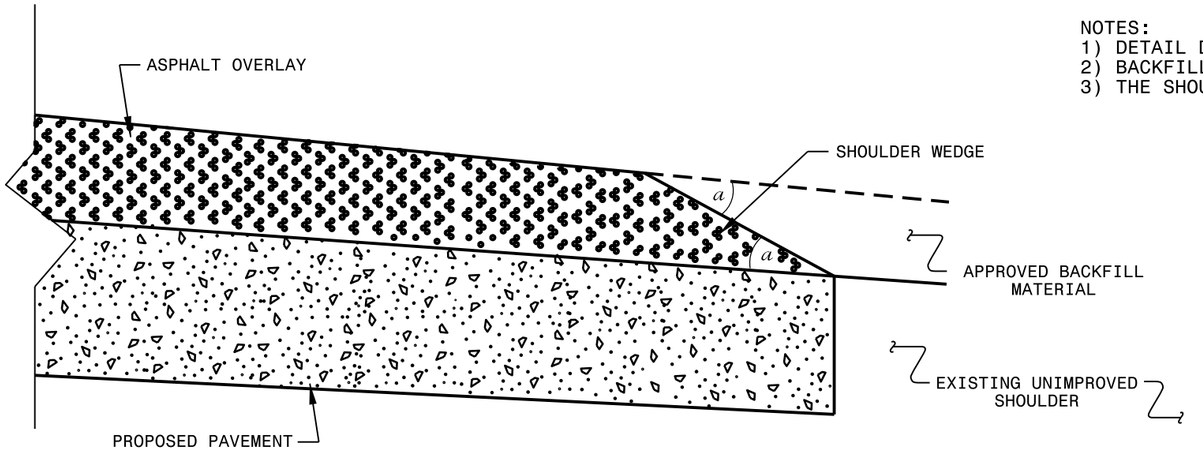
- STATIONARY SIGN
- DIRECTION OF TRAFFIC FLOW

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

RESURFACING ADVANCE WARNING SIGNS FOR URBAN / SUBURBAN FACILITIES

4/8/2015
C:\Users\rmgarrett\Downloads\Resurfacing_AdvWarn_UrSu (2).dgn
User:rmgarrett

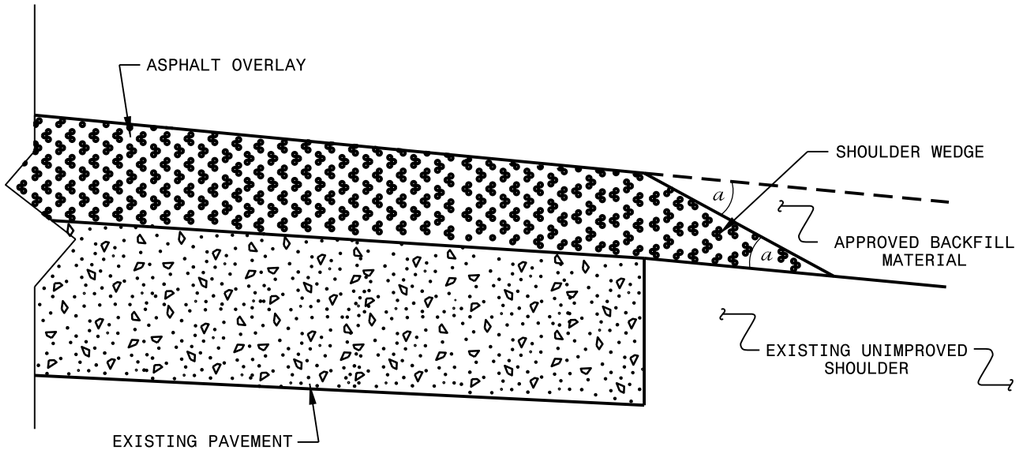
PROJECT REFERENCE NO.	SHEET NO.



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

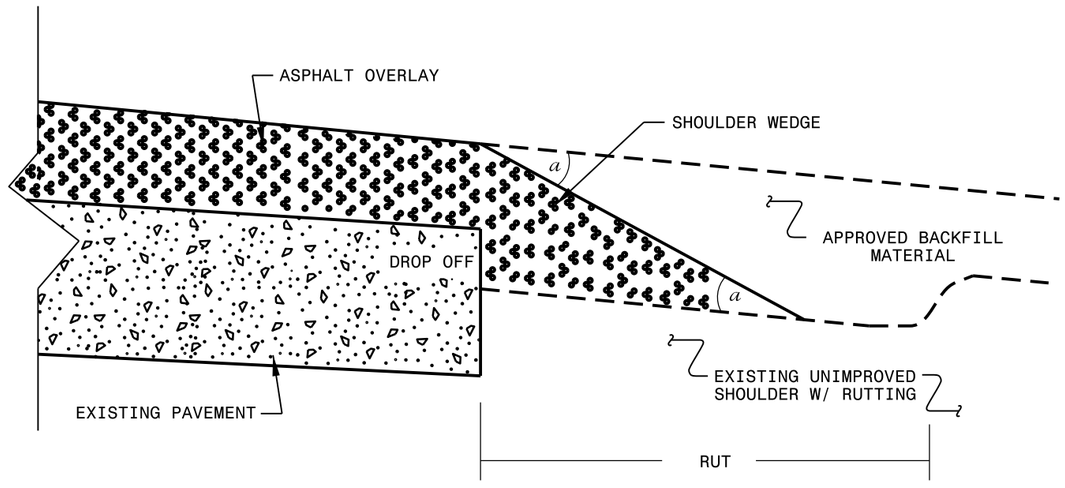
SHOULDER WEDGE DETAIL

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



SHOULDER WEDGE DETAIL

(Resurfacing Projects w/ NO Widening)



SHOULDER WEDGE DETAIL

(Resurfacing Adjacent to Rutted Shoulder)

- SHOULDER WEDGE ANGLE = 30°

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

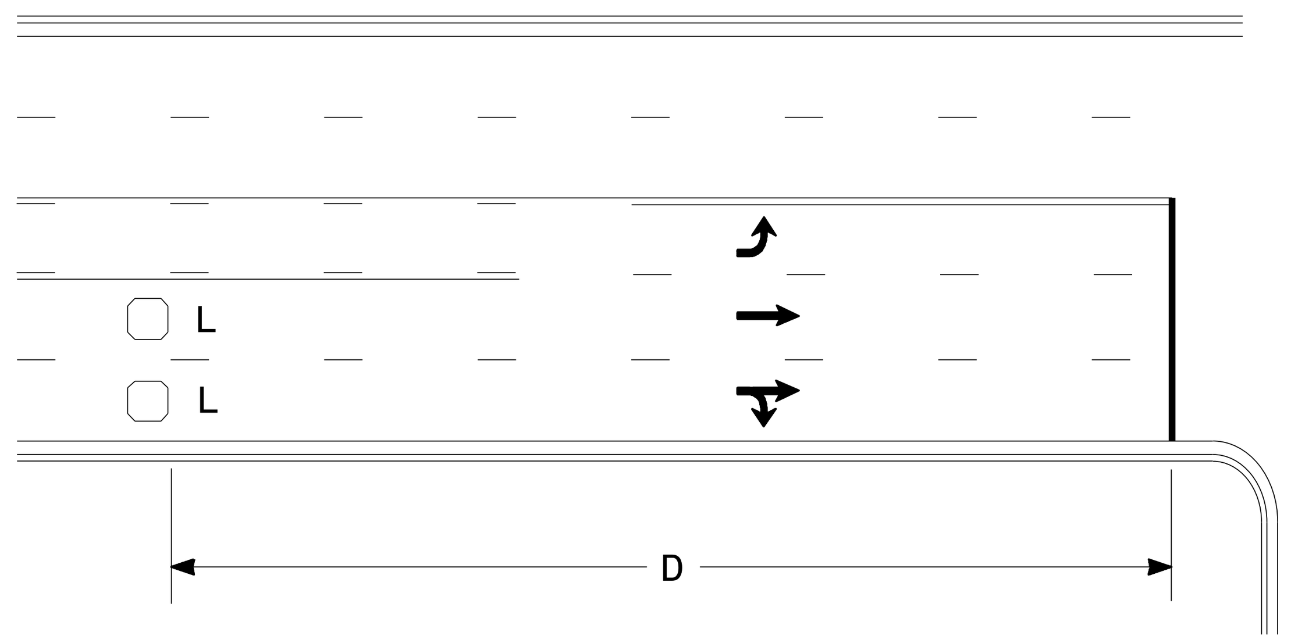
SHOULDER WEDGE DETAILS

ORIGINAL BY:	T.SPELL	DATE:	7-19-11
MODIFIED BY:		DATE:	10/16/12
CHECKED BY:		DATE:	
FILE SPEC.:	s:usr/details/stand/shoulderwedgedetail.dgn		

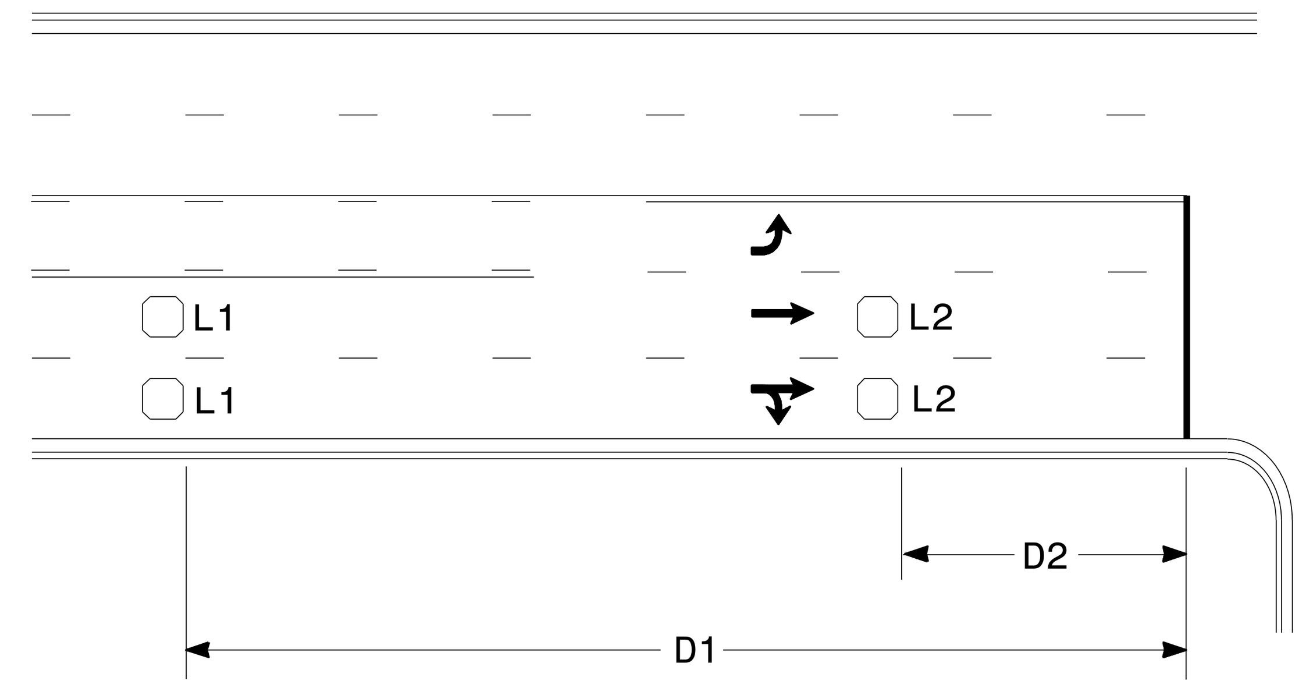
$$$$$$SYSTIME$$$$$
$$$$$$USERNAME$$$$$

PROJECT REFERENCE NO.	SHEET NO.

High Speed Detection
(≥40 mph)



OR



Speed Limit mph	D ft
40	250
45	300
50	355
55	420

L = 6ft X 6ft
Wired in series for TS1 Controllers
Wired separately for TS2, 170, and 2070L Controllers

Volume Density Operation

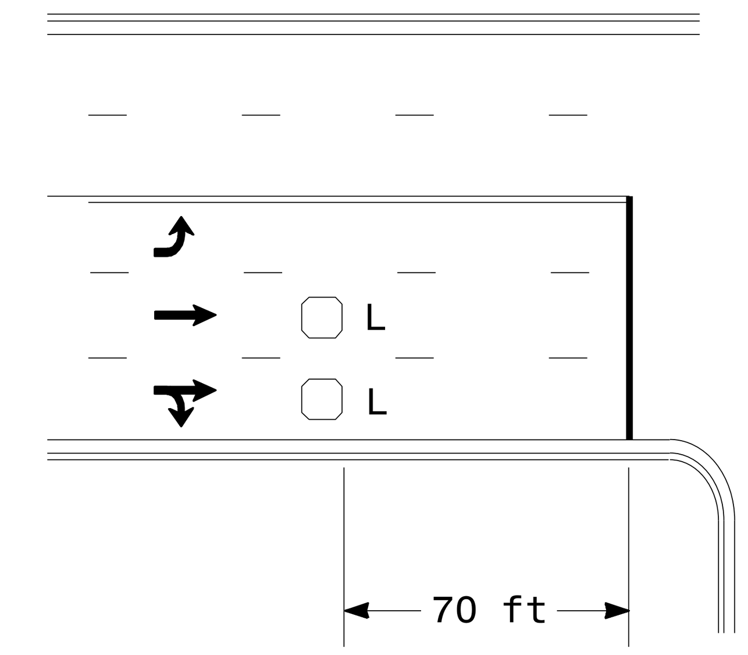
Speed Limit mph	D1 ft	D2 ft
40	250	80
45	300	90
50	355	100
55	420	110

L1 = 6ft X 6ft
Wired in series

L2 = 6ft X 6ft
Wired in series

"Stretch" Operation

Low Speed Detection
(≤35 mph)



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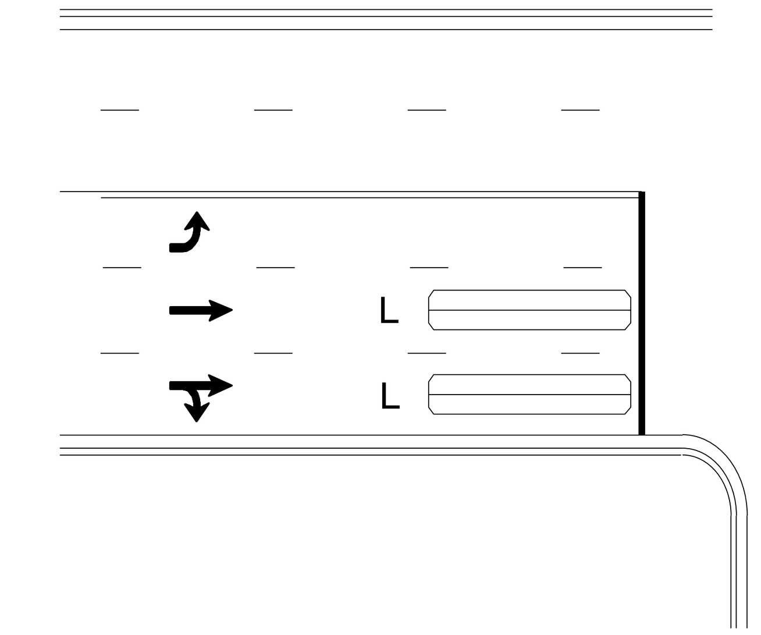
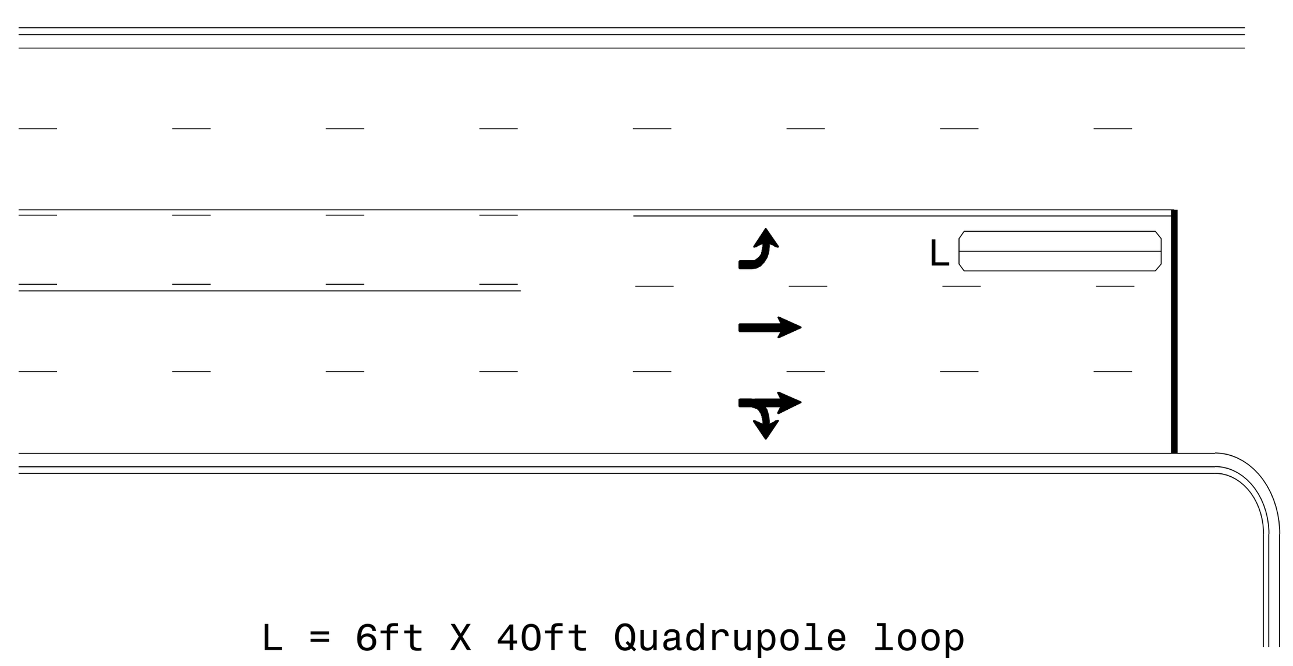


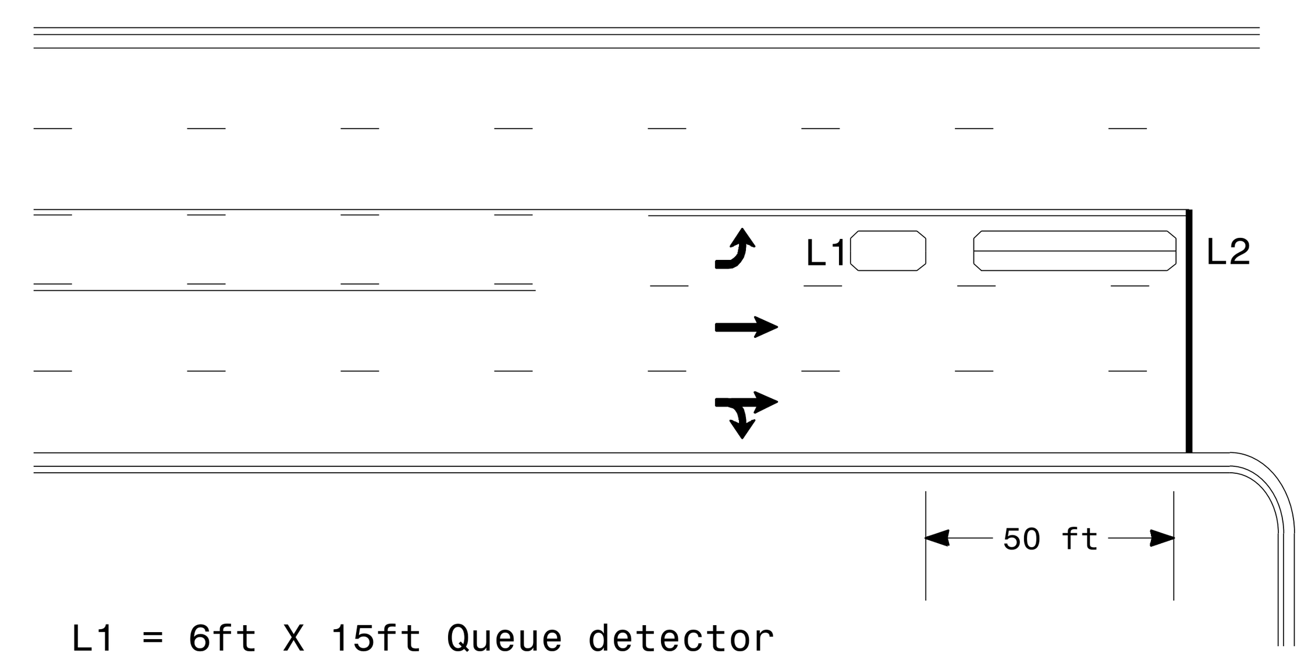
L = 6ft X 6ft
Wired in series

L = 6ft X 40ft
Quadrupole loop, wired separately

Left Turn Lane Detection



OR



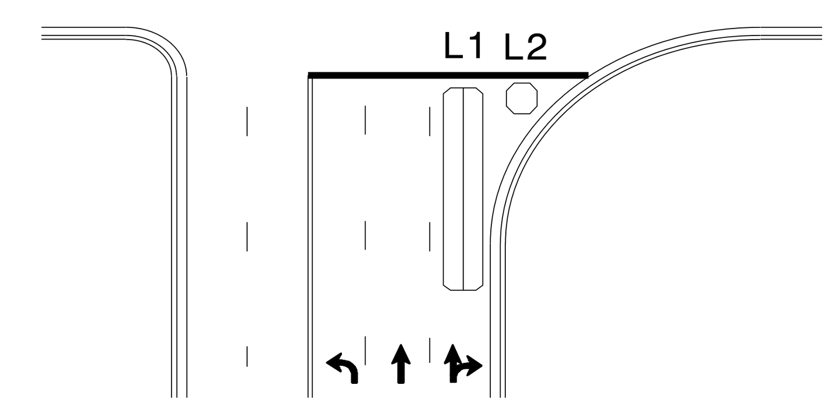
L = 6ft X 40ft Quadrupole loop

Presence Loop Detection

L1 = 6ft X 15ft Queue detector
L2 = 6ft X 40ft Quadrupole loop

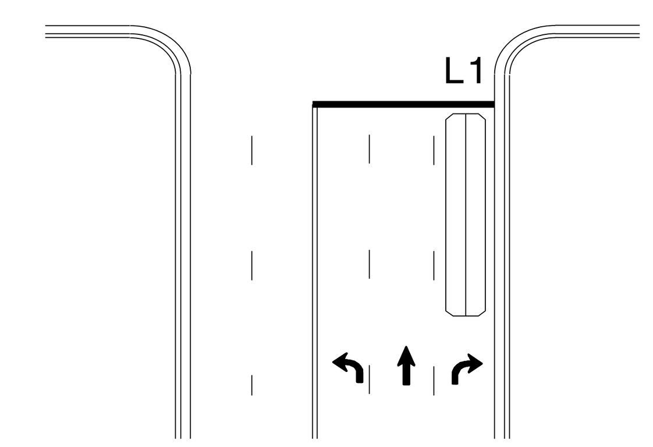
Queue Loop Detection

Right Turn Lane Detection

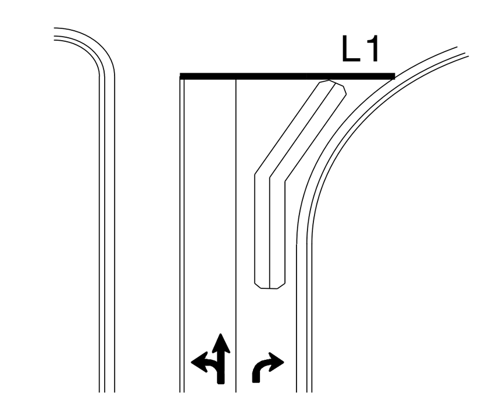


Shared Lane/
Wide Radius Turn

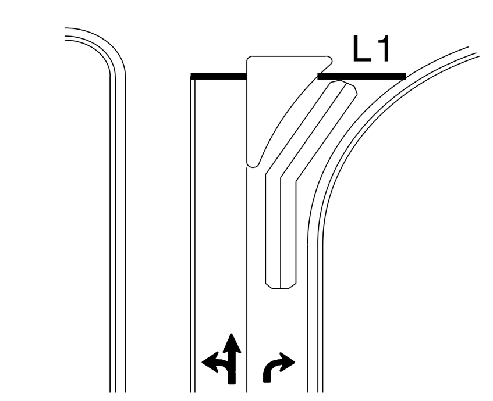
L1 = 6ft X 40ft Quadrupole loop
L2 = 6ft X 6ft [Minimum] Presence loop
Wired separately



Standard Turn

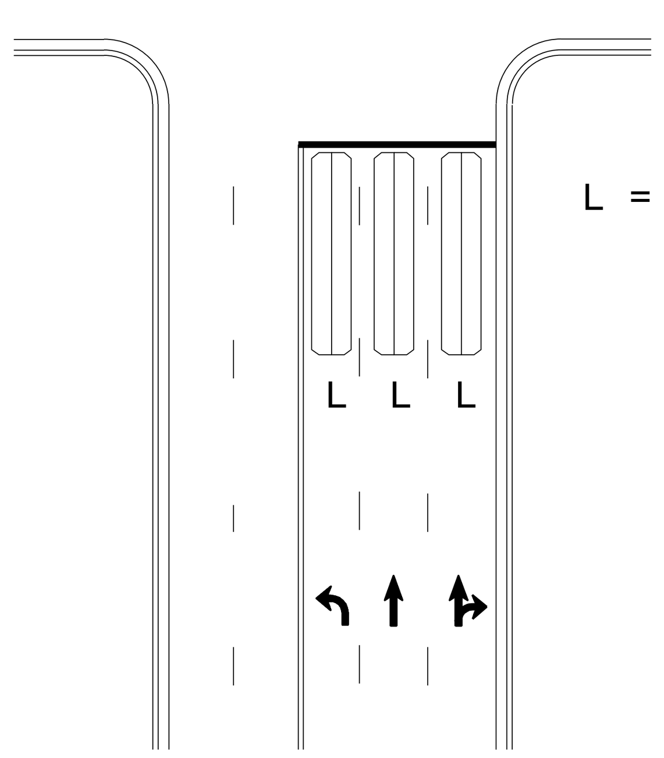


Wide Radius Turn



Channelized Turn

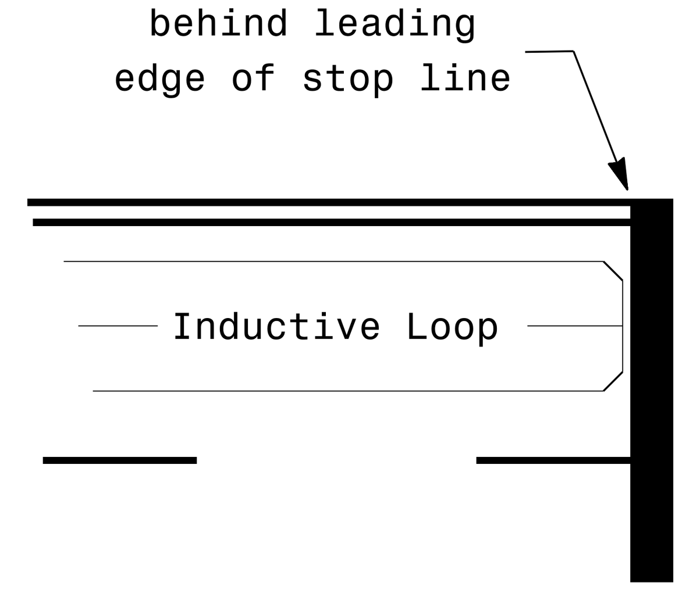
Side Street Detection



L = 6ft X 40ft
Quadrupole loop
Wired to separate detectors/channels

Presence Loop Placement at Stop Lines

Locate loop slightly behind leading edge of stop line



Note:
Loop may be located in advance of stop line under any of the following conditions:
1) stop line is greater than 15′ from edge of intersecting roadway
2) loop detects a permissive or protected/permissive left turn
3) for an exclusive right turn lane

Recommended Number of Turns

Single 6′ X 6′ loop
(when wired separately):

Length of Lead-in ft	Number of Turns
< 250	3
250-375	4
375-525	5
> 525	6

Quadrupole loops: Use 2-4-2 turns

6′ X 15′ Loops:
Lead-in < 150′, use 2 turns
Lead-in > 150′, use 3 turns

Prepared in the Offices of:
Transportation Mobility and Safety Division
State of North Carolina Department of Transportation
Signal Design Section
750 N.Greenfield Pkwy,Garner,NC 27529

SCALE
N/A

Typical Signal Loop Locations

PLAN DATE:	January 2015	REVIEWED BY:	JPG
PREPARED BY:	PLA	REVIEWED BY:	

REVISIONS	INIT.	DATE

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 23489 ENGINEER PAMELA L. ALEXANDER

DocuSigned by:
PL Alexander
B4756E00CE4E46D...
1/30/2015
DATE

SIG. INVENTORY NO.

30-JAN-2015 12:39
S:*ITS&SU*ITS Signals*Signal Design Section*Eastern Region*looptypical2015.dgn
palexander

PROJECT NO.	SHEET NO.	TOTAL NO.
2025CPT.10.07.10601		
2025CPT.10.07.20601		

SUMMARY OF QUANTITIES

															1220000000-E	1245000000-E	1260000000-E	1297000000-E	1330000000-E	1519000000-E	1523000000-E	1524200000-E	1575000000-E	1577000000-E	1704000000-E	2605000000-N	2612000000-E	2612300000-N	2830000000-N	2845000000-N	5255000000-N	6000000000-E	6009000000-E	6012000000-E	6071002000-E	6071010000-E	6084000000-E	7444000000-E
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	BEGIN MP	END MP	INCIDENTAL STONE BASE	SHOULDER RECONSTRUCTION	AGGREGATE SHOULDER BORROW	1½" MILLING	INCIDENTAL MILLING	SURFACE COURSE, S9.5B	SURFACE COURSE, S9.5C	SURFACE COURSE, S9.5D	ASPHALT BINDER FOR PLANT MIX	POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT	CONCRETE CURB RAMPS	6" DRIVEWAYS	RETROFIT EXISTING CONCRETE CURB RAMPS	ADJ. OF MANHOLES	ADJ. OF METER OR VALVE BOX	PORTABLE LIGHTING	TEMPORARY SILT FENCE	STONE FOR EROSION CONTROL, CLASS B	SEDIMENT CONTROL STONE	FLOCCULANT	WATTLE	SEED & MULCHING	INDUCTIVE LOOP SAWCUT
										MI	FT			TONS	SMI	TON	SY	SY	TONS	TONS	TON	TONS	TONS	TONS	EA	SY	EA	EA	EA	LS	LF	TN	TN	LB	LF	AC	LF
2025CPT.10.07.10601	Mecklenburg	1	NC-73 / (30000073)	FROM LINCOLN COUNTY LINE TO BROWN MILL ROAD	1	2	2WU	NO	NO	1.96	24-46	0	1.96	25	3.92	604		769			3,008	19	174	400		50				0.20	294	39	20	1	60	1.2	942
TOTAL FOR MAP NO. 1										**1.96**				**25**	**3.92**	**604**		**769**			**3,008**	**19**	**174**	**400**		**50**				**0.20**	**294**	**39**	**20**	**1**	**60**	**1.2**	**942**
2025CPT.10.07.10601	Mecklenburg	2	NC-160 / WEST BLVD (30000160)	FROM WALTON ROAD TO S. TRYON ST.	2,3,4	4	MU	NO	NO	1.77	40-64	13.02	14.79				47,770	3,141			4,705	29	273	600	4		5	10	13	0.20							3,300
TOTAL FOR MAP NO. 2										**1.77**							**47,770**	**3,141**			**4,705**	**29**	**273**	**600**	**4**		**5**	**10**	**13**	**0.20**							**3,300**
2025CPT.10.07.10601	Mecklenburg	3	NC-160 / STEELE CREEK ROAD (30600160)	FROM 327 FT PRIOR TO S. TRYON ST. TO STEELECROFT PKWY	5	4	MD	NO	NO	0.32	32-52	12.67	12.99				6,197			573		41		150			1	3	2	0.20							1,074
TOTAL FOR MAP NO. 3										**0.32**							**6,197**			**573**		**41**		**150**			**1**	**3**	**2**	**0.20**							**1,074**
TOTAL FOR PROJ NO. 2025CPT.10.07.10601										**4.05**				**25**	**3.92**	**604**	**53,967**	**3,910**		**573**	**7,713**	**89**	**447**	**1,150**	**4**	**50**	**6**	**13**	**15**	**0.60**	**294**	**39**	**20**	**1**	**60**	**1.2**	**5,316**
2025CPT.10.07.20601	Mecklenburg	4	SR-2420 / EAST ROCKY RIVER RD (40002420)	FROM KISTLER FARM ROAD TO DAVIDSON-CONCORD ROAD	6	2	2WU	NO	NO	1.36	20	1.28	2.64	85			17,192			1,589		106		250		40											
TOTAL FOR MAP NO. 4										**1.36**				**85**			**17,192**			**1,589**		**106**		**250**		**40**											
2025CPT.10.07.20601	Mecklenburg	5	SR-1116 / SHOPTON RD WEST (40001116)	FROM CATAWBA RIVER BRIDGE TO WILDLIFE ROAD	7	2	2WD	NO	NO	0.93	22-35	1.72	2.65		1.86	287	18,421	847	1,672			109		150						0.20	140	18	9	1	30	0.6	
TOTAL FOR MAP NO. 5										**0.93**					**1.86**	**287**	**18,421**	**847**	**1,672**			**109**		**150**						**0.20**	**140**	**18**	**9**	**1**	**30**	**0.6**	
2025CPT.10.07.20601	Mecklenburg	6	SR-2117 / HAMBRIGHT RD (40002117)	FROM END OF ISLAND AT BLYTHE SCHOOL TO NC 21 STATESVILLE ROAD	8,9,10	2	2WU	NO	NO	0.45	24-80	0.8	1.25		0.70	108	12,740	1,188	1,157			75		150				1	1	0.20						0.2	340
TOTAL FOR MAP NO. 6										**0.45**					**0.70**	**108**	**12,740**	**1,188**	**1,157**			**75**		**150**				**1**	**1**	**0.20**						**0.2**	**340**
2025CPT.10.07.20601	Mecklenburg	7	SR-2129 / JIM KIDD RD (40002129)	FROM BEATTIES FORD ROAD TO END OF MAINTENANCE	11	2	2WU	NO	NO	1.18	21	0	1.18	90	2.36	454	16,517	940	1,499			97		150		30			2		170	24	12	1	30	0.7	
TOTAL FOR MAP NO. 7										**1.18**				**90**	**2.36**	**454**	**16,517**	**940**	**1,499**			**97**		**150**		**30**			**2**		**170**	**24**	**12**	**1**	**30**	**0.7**	
2025CPT.10.07.20601	Mecklenburg	8	SR-2433 / MAYES RD (40002433)	FROM WESTMORELAND RD TO SAM FURR RD	11	2	2WU	NO	NO	1.12	21	1.01	2.13	100	2.24	345	15,018	940	1,363			89		150		90					170	22	11	1	40	0.7	
TOTAL FOR MAP NO. 8										**1.12**				**100**	**2.24**	**345**	**15,018**	**940**	**1,363**			**89**		**150**		**90**					**170**	**22**	**11**	**1**	**40**	**0.7**	
TOTAL FOR PROJ NO. 2025CPT.10.07.20601										**5.04**				**275**	**7.16**	**1,194**	**79,887**	**3,915**	**5,691**	**1,589**		**476**		**850**		**160**		**1**	**3**	**0.40**	**480**	**64**	**32**	**3**	**100**	**2.2**	**340**
GRAND TOTAL										**9.09**				**300**	**11.08**	**1,798**	**133,854**	**7,825**	**5,691**	**2,162**	**7,713**	**565**	**447**	**2,000**	**4**	**210**	**6**	**14**	**18**	**1.00**	**774**	**103**	**52**	**4**	**160**	**3.4**	**5,656**

2025CPT.10.07.10601		
2025CPT.10.07.20601		

THERMOPLASTIC AND PAINT QUANTITIES

												4413000000-E	4447000000-E	4457000000-N	4510000000-N	4600000000-E		4685000000-E		4688000000-E	4695000000-E		4709000000-E	4720000000-E	4725000000-E					4895000000-N	4810000000-E		4820000000-E		4835000000-E	4840000000-N	4845000000-N					4895000000-N	4895000000-N	4900000000-N		4905100000-N
PROJECT NO	**COUNTY**	**MAP NO**	**ROUTE**	**DESCRIPTION**	**TYP NO**	**LANES**	**LANE TYPE**	**LENGTH**	**WIDTH**	**BEGIN MP**	**END MP**	**WORK ZONE ADVANCE/GENERAL WARNING SIGNING**	**PEDESTRIAN CHANNELIZING DEVICES**	**TEMPORARY TRAFFIC CONTROL**	**LAW ENFORCEMENT**	**AUDIBLE WARNING DEVICES**	**TEMPORARY CURB RAMPS**	**THERMOPLASTIC PAVEMENT MARKING LINES WHITE (4", 90 MILS)**	**THERMOPLASTIC PAVEMENT MARKING LINES YELLOW (4", 90 MILS)**	**THERMOPLASTIC PAVEMENT MARKINGLINES WHITE TYPE II (6", 90 MILS)**	**THERMOPLASTIC PAVEMENT MARKINGLINES YELLOW LINES II (8", 90 MILS)**	**THERMOPLASTIC PAVEMENT MARKING LINES WHITE (8", 90 MILS)**	**THERMOPLASTIC PAVEMENT MARKING LINES WHITE (24", 90 MILS)**	**THERMO MSG SCHOOL 90 M**	**THERMO LT ARROW 90 M**	**THERMO RT ARROW 90 M**	**THERMO STR & RT ARROW 90 M**	**THERMO STR ARROW 90 M**	**THERMO STR & LT ARROW 90 M**	**THERMOPLASTIC PAVEMENT MARKING SYMBOL YIELD (90 MILS)**	**4" WHITE PAINT**	**4" YELLOW PAINT**	**8" YELLOW PAINT**	**8" WHITE PAINT**	**24" WHITE PAINT**	**PAINT MSG SCHOOL**	**PAINT LT ARROW**	**PAINT STR ARROW**	**PAINT STR & LT ARROW**	**PAINT STR & RT ARROW**	**PAINT RT ARROW**	**PAINT YIELD SYMBOL**	**THERMOPLASTIC BICYCLE LANE SYMBOLS**	**PERMANENT RAISED PAVEMENT MARKERS (YELLOW/YELLOW)**	**PERMANENT RAISED PAVEMENT MARKERS (CRYSTAL/RED)**	**NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER**
2025CPT.10.07.10601	Mecklenburg	1	NC-73 / (30000073)	FROM LINCOLN COUNTY LINE TO BROWN MILL ROAD	1	2	2WU	1.96	24-46	0	1.96	220		0.125	40			20,864	20,430		360	300	185	12	12	3	2																			243
TOTAL FOR MAP NO. 1								**1.96**				**220**		**0.125**	**40**			**20,864**	**20,430**		**360**	**300**	**185**	**12**	**12**	**3**	**2**																			**243**
2025CPT.10.07.10601	Mecklenburg	2	NC-160 / WEST BLVD (30000160)	FROM WALTON ROAD TO S. TRYON ST.	2,3,4	4	MU	1.77	40-64	13.02	14.79	126		0.125	240			5,726	19,218		190	2,890	420	6	13		16	16	4		5,726	19,218	190	2,890	470	6	13	16	4	16						398
TOTAL FOR MAP NO. 2								**1.77**				**126**		**0.125**	**240**			**5,726**	**19,218**		**190**	**2,890**	**420**	**6**	**13**		**16**	**16**	**4**		**5,726**	**19,218**	**190**	**2,890**	**470**	**6**	**13**	**16**	**4**	**16**						**398**
2025CPT.10.07.10601	Mecklenburg	3	NC-160 / STEELE CREEK ROAD (30600160)	FROM 327 FT PRIOR TO S. TRYON ST. TO STEELECROFT PKWY	5	4	MD	0.32	32-52	12.67	12.99	126		0.125	80			1,000	800			375	104		8	4		6			1,000	800		375	104		8	6			4		3			46
TOTAL FOR MAP NO. 3								**0.32**				**126**		**0.125**	**80**			**1,000**	**800**			**375**	**104**		**8**	**4**		**6**			**1,000**	**800**		**375**	**104**		**8**	**6**			**4**		**3**			**46**
TOTAL FOR PROJ NO. 2025CPT.10.07.10601								**4.05**				**472**		**0.375**	**360**			**27,590**	**40,448**		**550**	**3,565**	**709**	**18**	**33**	**7**	**18**	**22**	**4**		**6,726**	**20,018**	**190**	**3,265**	**574**	**6**	**21**	**22**	**4**	**16**	**4**		**3**			**687**
																		68,038			**4,115**				**84**						**26,744**		**3,455**				**67**									
2025CPT.10.07.20601	Mecklenburg	4	SR-2420 / EAST ROCKY RIVER RD (40002420	FROM KISTLER FARM ROAD TO DAVIDSON-CONCORD ROAD	6	2	2WU	1.36	20	1.28	2.64	153		0.125				14,340	9,539		15									4	14,340	9,539	15									4		101		
TOTAL FOR MAP NO. 4								**1.36**				**153**		**0.125**				**14,340**	**9,539**		**15**									**4**	**14,340**	**9,539**	**15**									**4**		**101**		
2025CPT.10.07.20601	Mecklenburg	5	SR-1116 / SHOPTON RD WEST (40001116)	FROM CATAWBA RIVER BRIDGE TO WILDLIFE ROAD	7	2	2WD	0.93	22-35	1.72	2.65	104		0.125				10,638	12,287		293				24																			133	40	
TOTAL FOR MAP NO. 5								**0.93**				**104**		**0.125**				**10,638**	**12,287**		**293**				**24**																			**133**	**40**	
2025CPT.10.07.20601	Mecklenburg	6	SR-2117 / HAMBRIGHT RD (40002117)	FROM END OF ISLAND AT BLYTHE SCHOOL TO NC 21 STATESVILLE	8,9,10	2	2WU	0.45	24-80	0.8	1.25	51		0.125	40			4,477	6,136	3,526	283		24	12	11	2		12															12	55	48	
TOTAL FOR MAP NO. 6								**0.45**				**51**		**0.125**	**40**			**4,477**	**6,136**	**3,526**	**283**		**24**	**12**	**11**	**2**		**12**															**12**	**55**	**48**	
2025CPT.10.07.20601	Mecklenburg	7	SR-2129 / JIM KIDD RD (40002129)	FROM BEATTIES FORD ROAD TO END OF MAINTENANCE	11	2	2WU	1.18	21	0	1.18	126		0.125																																
TOTAL FOR MAP NO. 7								**1.18**				**126**		**0.125**																																
2025CPT.10.07.20601	Mecklenburg	8	SR-2433 / MAYES RD (40002433)	FROM WESTMORELAND RD TO SAM FURR RD	12	2	2WU	1.12	21	1.01	2.13	126		0.125				11,920	11,770				24																					74		
TOTAL FOR MAP NO. 8								**1.12**				**126**		**0.125**				**11,920**	**11,770**				**24**																					**74**		
TOTAL FOR PROJ NO. 2025CPT.10.07.20601								**5.04**				**560**		**0.625**	**40**			**41,375**	**39,732**	**3,526**	**591**		**48**	**12**	**35**	**2**		**12**		**4**	**14,340**	**9,539**	**15**									**4**	**12**	**363**	**88**	
																		81,107			**591**				**49**						**23,879**		**15**											**451**		
GRAND TOTAL								**9.09**				**1,032**	**22**	**1.00**	**400**	**4**	**4**	**68,965**	**80,180**	**3,526**	**1,141**	**3,565**	**757**	**30**	**68**	**9**	**18**	**34**	**4**	**4**	**21,066**	**29,557**	**205**	**3,265**	**574**	**6**	**21**	**22**	**4**	**16**	**4**	**4**	**15**	**363**	**88**	**687**
																		149,145			**4,706**				**137**						**50,623**		**3,470**				**67**							**451**		