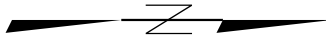
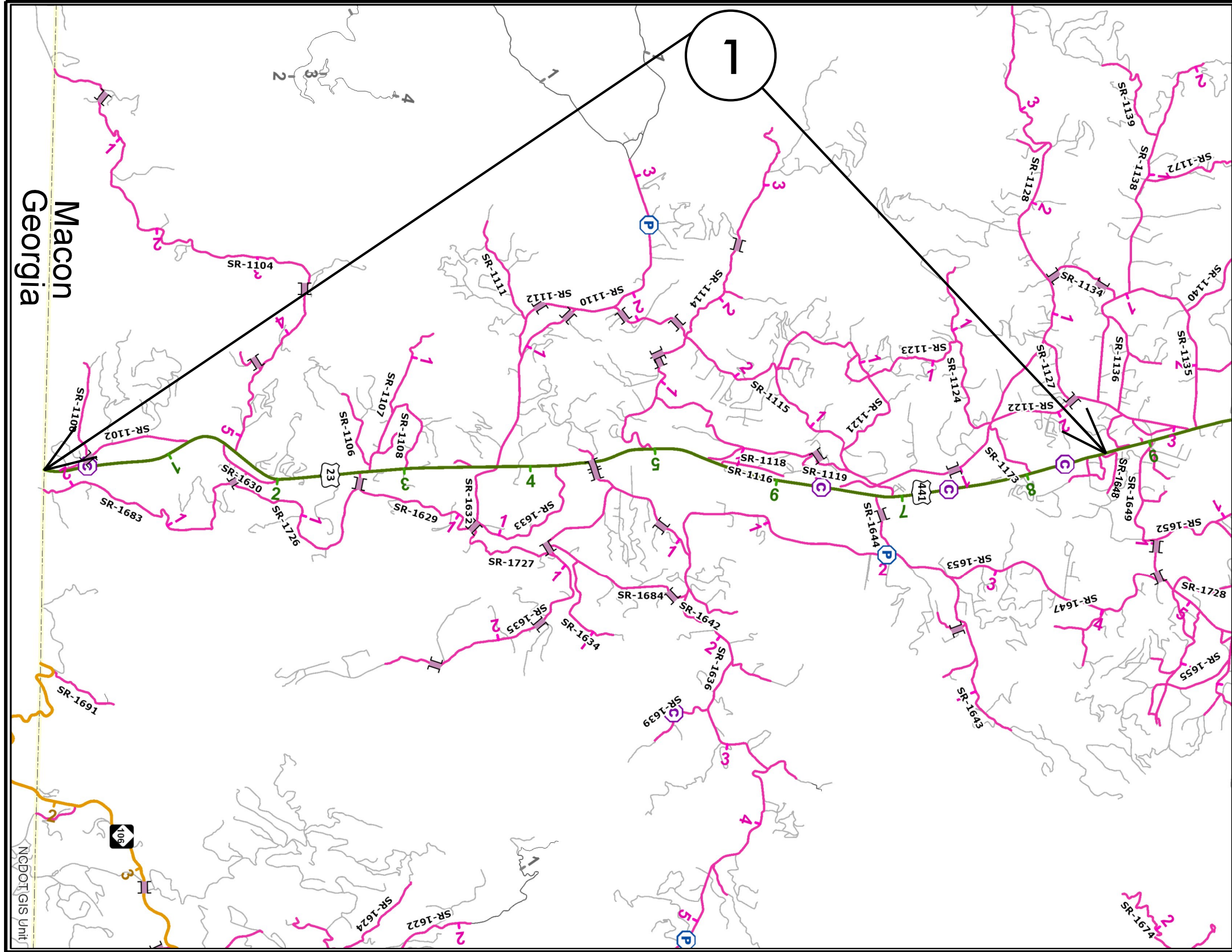


PROJECT REFERENCE NO.		SHEET NO.
2022CPT.14.01.10561		1
STATE PROJECT	F.A. PROJECT NO.	DESCRIPTION
2022CPT.14.01.10561		

MACON COUNTY

TIP PROJECT: N/A

CONTRACT: C204609



MAP 1



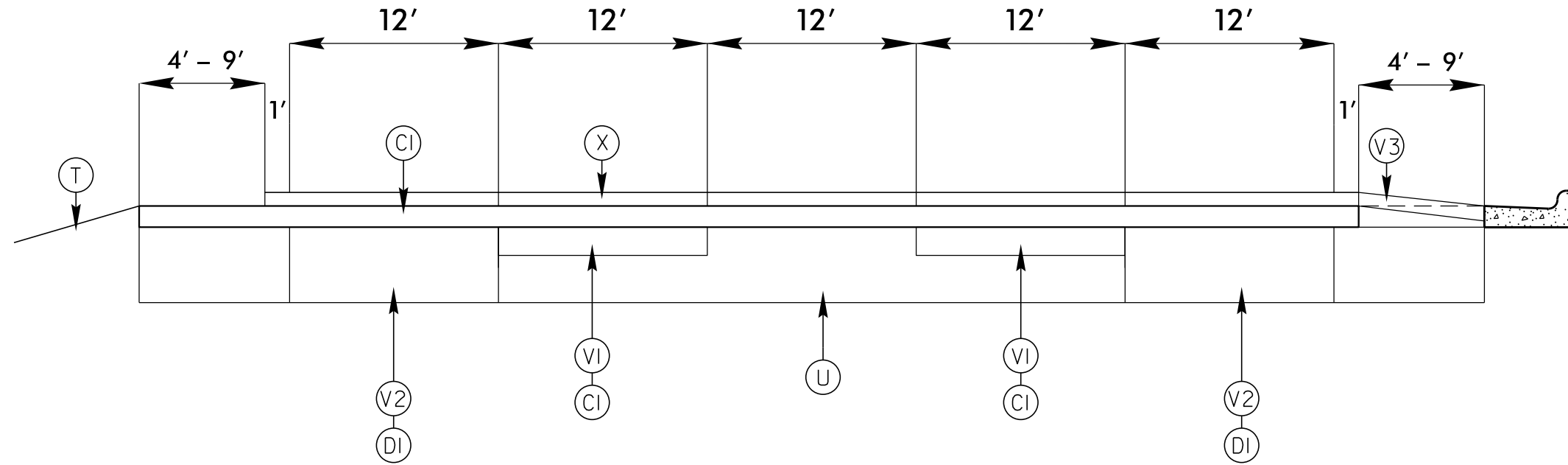
BEG



END

PROJECT REFERENCE NO.		SHEET NO.
2022CPT.14.01.10561		2
STATE PROJECT	F.A. PROJECT NO.	DESCRIPTION
2022CPT.14.01.10561		

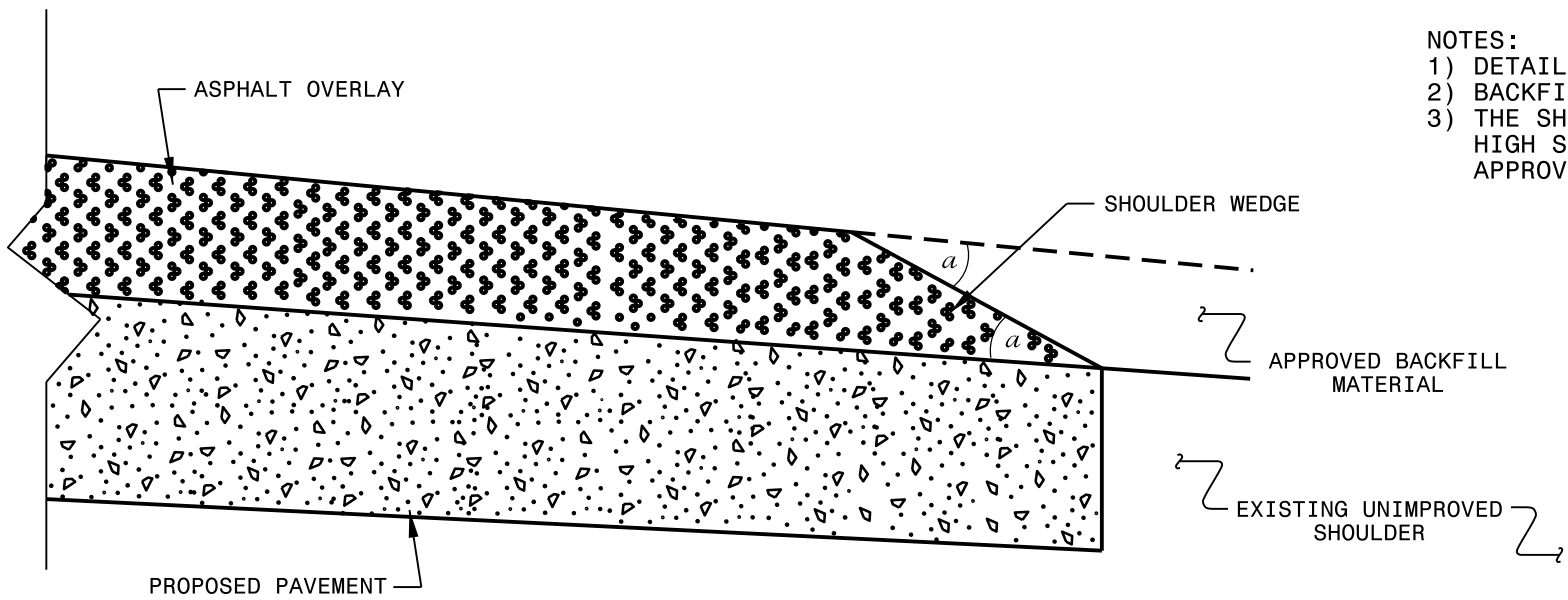
TYPICAL 1



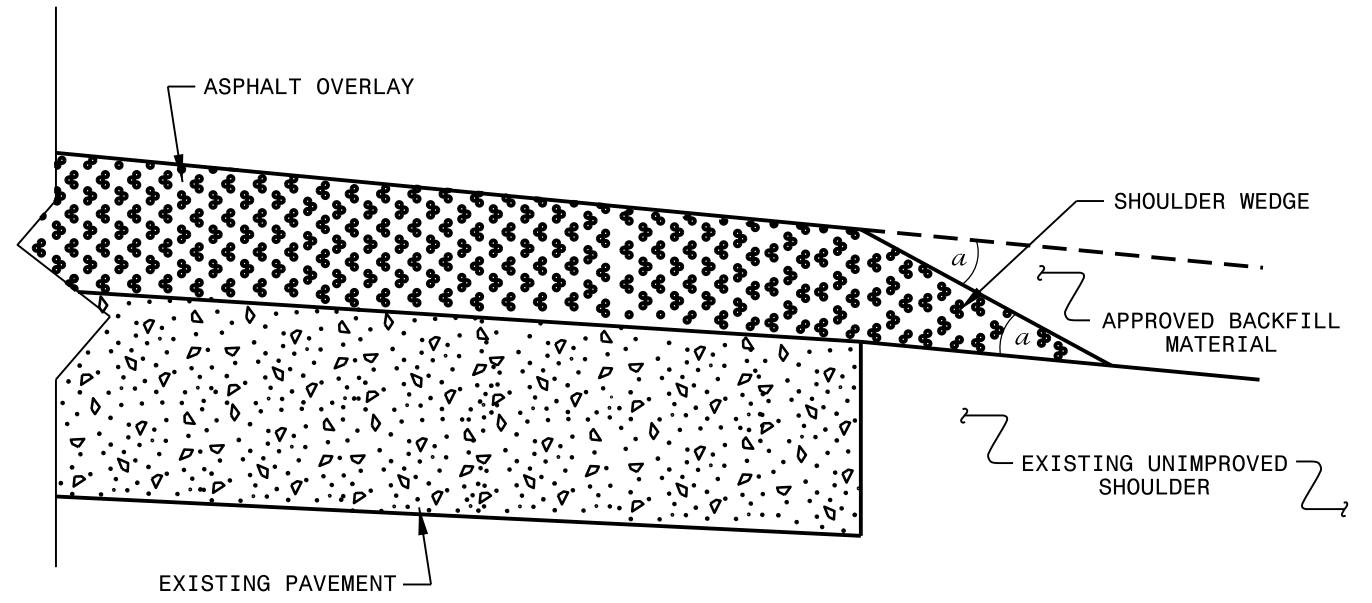
SURFACING SCHEDULE

ITEM NO.	DESCRIPTION
C1	PROP. APPROX. 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
D1	PROP. APPROX. 2 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
U	EXISTING ASPHALT
T	SHOULDER RECONSTRUCTION IN LOCATIONS AS DIRECTED BY PROJECT ENGINEER.
V1	MILLED ASPHALT PAVEMENT 1 1/2" IN DEPTH.
V2	MILLED ASPHALT PAVEMENT 2 1/2" IN DEPTH.
V3	MILLED ASPHALT PAVEMENT 0 - 1 1/2" IN DEPTH IN CURB AREAS AS DIRECTED BY PROJECT ENGINEER.
X	OPEN GRADE FRICTION COURSE TYPE FC-1 MOD AT AN AVERAGE RATE OF 90 LBS PER SQ. YD.

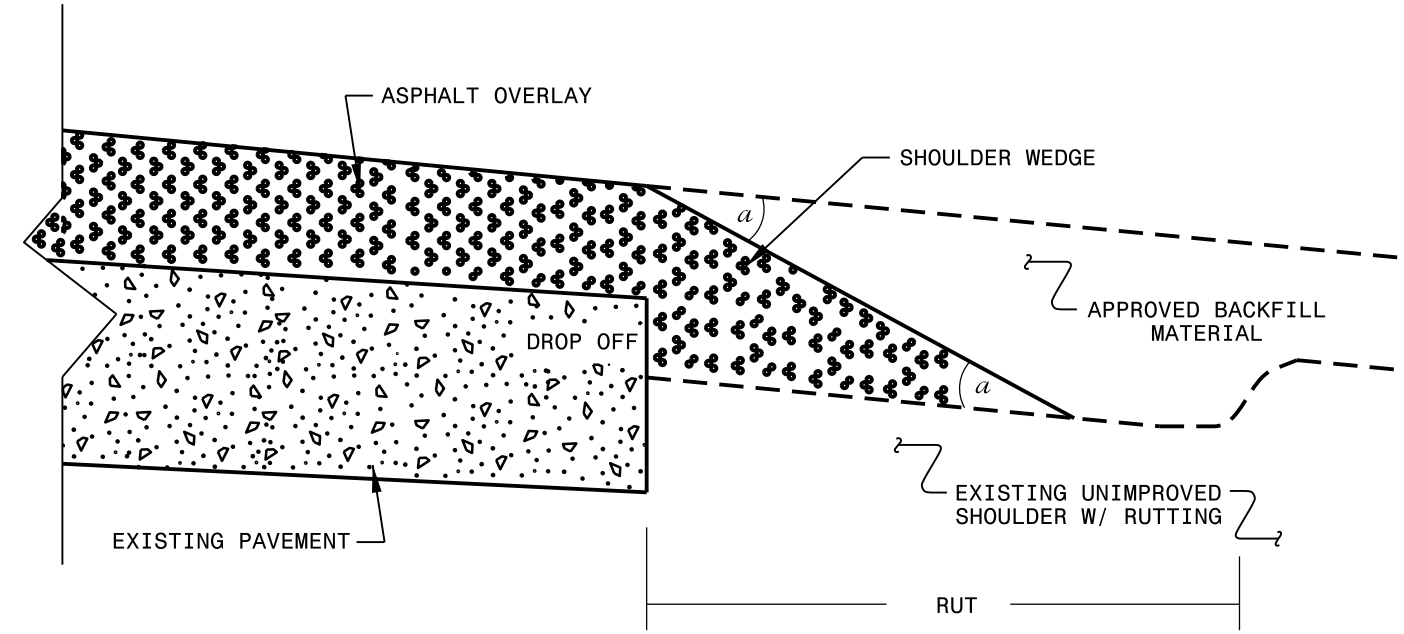
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFB AND ULTRA-THIN BONDED WEARING COURSE.
 - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS, SIDE STREETS, HIGH SHOULDERS, AND OTHER LOCATIONS NOT FEASIBLE TO CONSTRUCT AS APPROVED BY THE ENGINEER.



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



SHOULDER WEDGE DETAIL
 (Resurfacing Projects w/ NO Widening)



SHOULDER WEDGE DETAIL
 (Resurfacing Adjacent to
 Rutted Shoulder)

- SHOULDER WEDGE ANGLE = 30°

CONTRACT STANDARDS AND DEVELOPMENT UNIT	
Office 919-707-6950 FAX 919-250-4119	
SHOULDER WEDGE DETAILS	
ORIGINAL BY: T.SPELL	DATE: 7-19-11
MODIFIED BY:	DATE: 2/2/16
CHECKED BY:	DATE:
FILE SPEC.: s:\usr\detatl1s\stand\shoulderwedgedetatl1.dgn	

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

\$\$\$\$SYTIME\$\$\$\$
 \$\$\$SERVTIME\$\$\$
 \$\$\$USERNAME\$\$\$

PROJECT NO.	SHEET NO.	TOTAL NO.
2022CPT.14.01.10561	4	

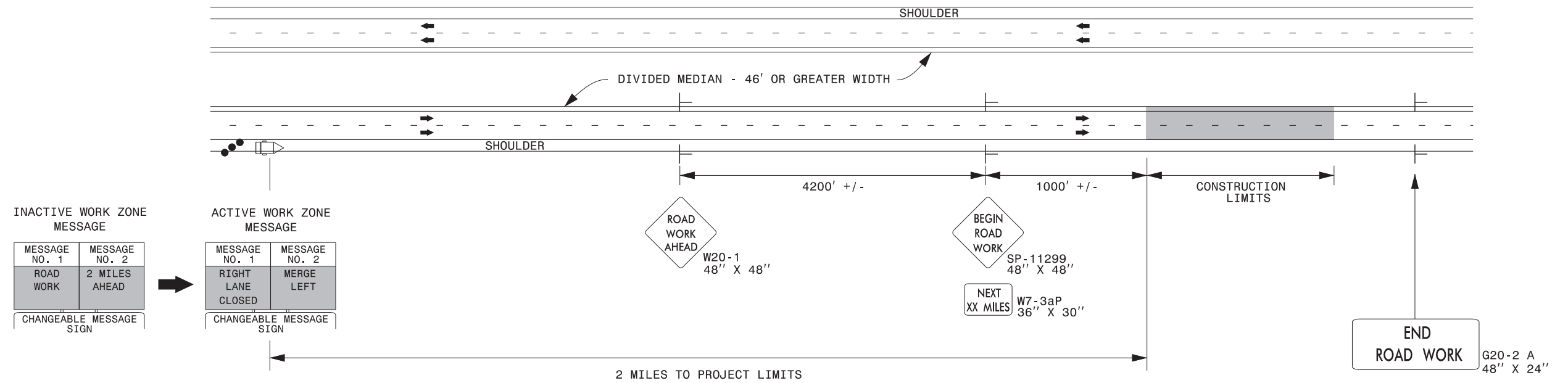
SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	1245000000-E	1297000000-E		1308000000-E	1330000000-E	1503000000-E	1523000000-E	1575000000-E	1577000000-E	1662000000-E	1704000000-E	2830000000-N	
												SHOULDER RECONSTRUCTION	1 1/2" MILLING	2 1/2" MILLING	0" TO 1 1/2" MILLING	INCIDENTAL MILLING	INTERMEDIATE COURSE, I19.0C	SURFACE COURSE, S9.5C	ASPHALT BINDER FOR PLANT MIX	POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX	OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-1 MODIFIED	PATCHING EXISTING PAVEMENT	ADJUSTMENT OF MANHOLES	
											MI	FT	SMI	SY	SY	SY	SY	TONS	TONS	TONS	TONS	TON	TONS	EA
2022CPT.14.01.10561	Macon	1	US 23/441-SOUTH	FROM .02 MILES NORTH OF SR-1648 TO GEORGIA LINE	1	5	MU	YES	NO	8.63	75	12.00	121,510	121,510	31,600	600	17,725	43,300	3,449	889	14,575	2,000	7.00	
TOTAL FOR MAP NO. 1											8.63		12.00	121,510	121,510	31,600	600	17,725	43,300	3,449	889	14,575	2,000	7.00
TOTAL FOR PROJ NO. 2022CPT.14.01.10561											8.63		12.00	121,510	121,510	31,600	600	17,725	43,300	3,449	889	14,575	2,000	7.00
GRAND TOTAL											8.63		12.00	121,510	121,510	31,600	600	17,725	43,300	3,449	889	14,575	2,000	7.00

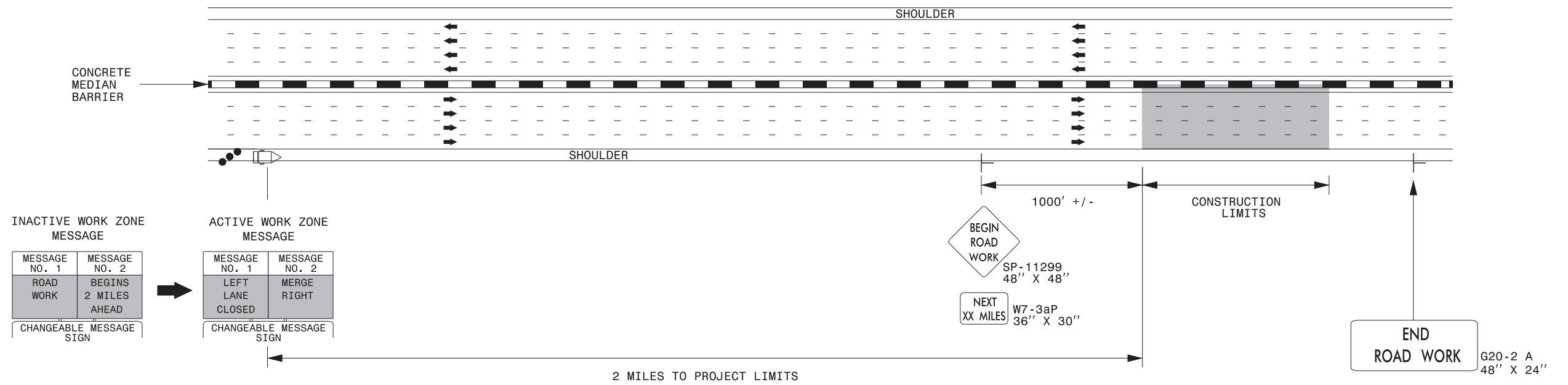
THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	4413000000-E	4457000000-N	4685000000-E		4700000000-E	4725000000-E			4810000000-E		4891000000-E	4895000000-N			
										WORK ZONE ADVANCE/GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL	4" X 90 M WHITE THERMO	4" X 90 M YELLOW THERMO	12" X 90 M YELLOW THERMO	THERMO LT ARROW 90 M	THERMO RT ARROW 90 M	THERMO MERGE ARROW 90 M	4" YELLOW PAINT	4" WHITE PAINT	24" X 90 M WHITE THERMO	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKERS			
											MI	FT	SF	LS	LF	LF	LF	EA	EA	EA	LF	LF	LF	EA
2022CPT.14.01.10561	Macon	1	US 23/441-SOUTH	FROM .02 MILES NORTH OF SR-1648 TO GEORGIA LINE	1	5	MU	8.63	75	968	1	115,390	113,890	100	276	6	3	227,780	230,780	640	2,300			
TOTAL FOR MAP NO. 1											8.63		968	1	115,390	113,890	100	276	6	3	227,780	230,780	640	2,300
TOTAL FOR PROJ NO. 2022CPT.14.01.10561											8.63		968	1	115,390	113,890	100	276	6	3	227,780	230,780	640	2,300
GRAND TOTAL											8.63		968	1	115,390	113,890	100	276	6	3	227,780	230,780	640	2,300

DIVIDED MEDIANS WITH WIDTHS 46' OR GREATER



DIVIDED MEDIANS WITH WIDTHS LESS THAN 46' OR WITH PERMANENT MEDIAN BARRIER

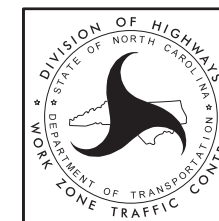


NOTES:

- 1) LATERAL CLEARANCE AT ALL SIGN LOCATIONS SHALL BE 6' AS MEASURED FROM THE EDGE OF PAVEMENT.
- 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) FOR MEDIAN WIDTHS LESS THAN 46' (MEASURED EDGELINE TO EDGELINE) USE THE BOTTOM DRAWING.
- 4) IF STATIONARY GENERAL WARNING SIGNS ARE USED, THEY WILL BE PAID FOR PER SECTION 104 OF THE NCDOT STANDARD SPECIFICATIONS AS EXTRA WORK.
- 5) INSTALL "ROAD WORK AHEAD" (W20-1) ALONG ENTRANCE RAMP 500' PRIOR TO RAMP TERMINAL, AND "END ROAD WORK" (G20-2a) AT THE END OF EXIT RAMP WITHIN THE WORK ZONE.
- 6) 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 AND WITH DIVIDED MEDIANS OF 46' OR GREATER. THESE PORTABLE SIGNS ARE INCIDENTAL TO THE OTHER ITEMS OF WORK INCLUDED IN THE TEMPORARY TRAFFIC CONTROL (LUMP SUM) PAY ITEM.

LEGEND

- CHANGEABLE MESSAGE SIGN (CMS)
- STATIONARY SIGN
- DIRECTION OF TRAFFIC FLOW
- TRAFFIC DRUM



**RESURFACING ADVANCE
WARNING SIGNS FOR
HIGH SPEED FACILITIES
≥ 60 MPH**