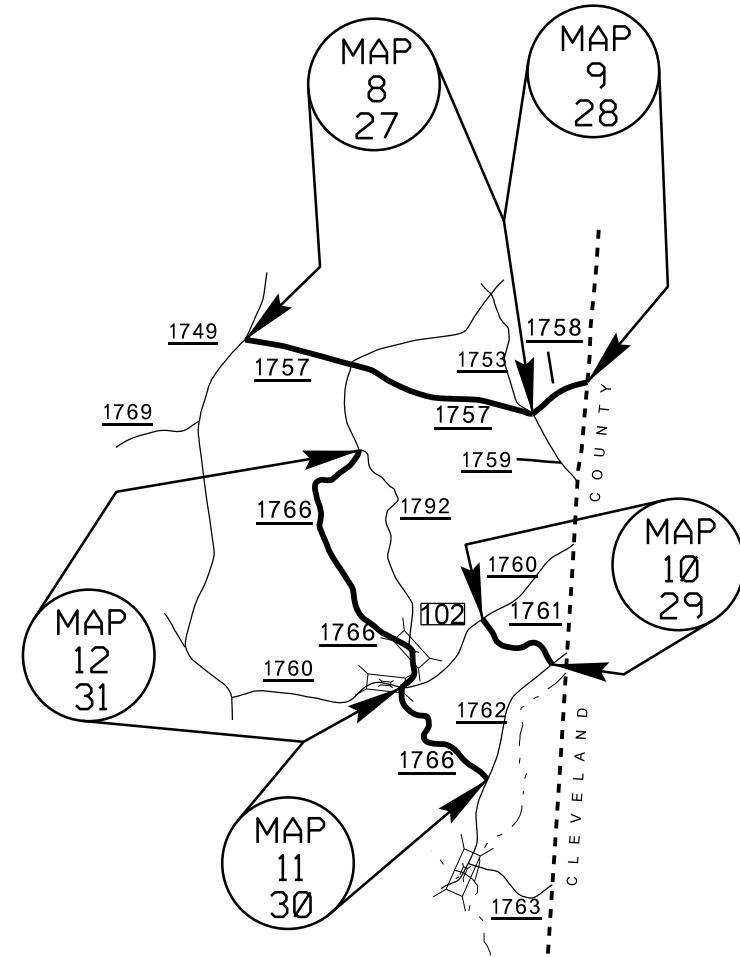
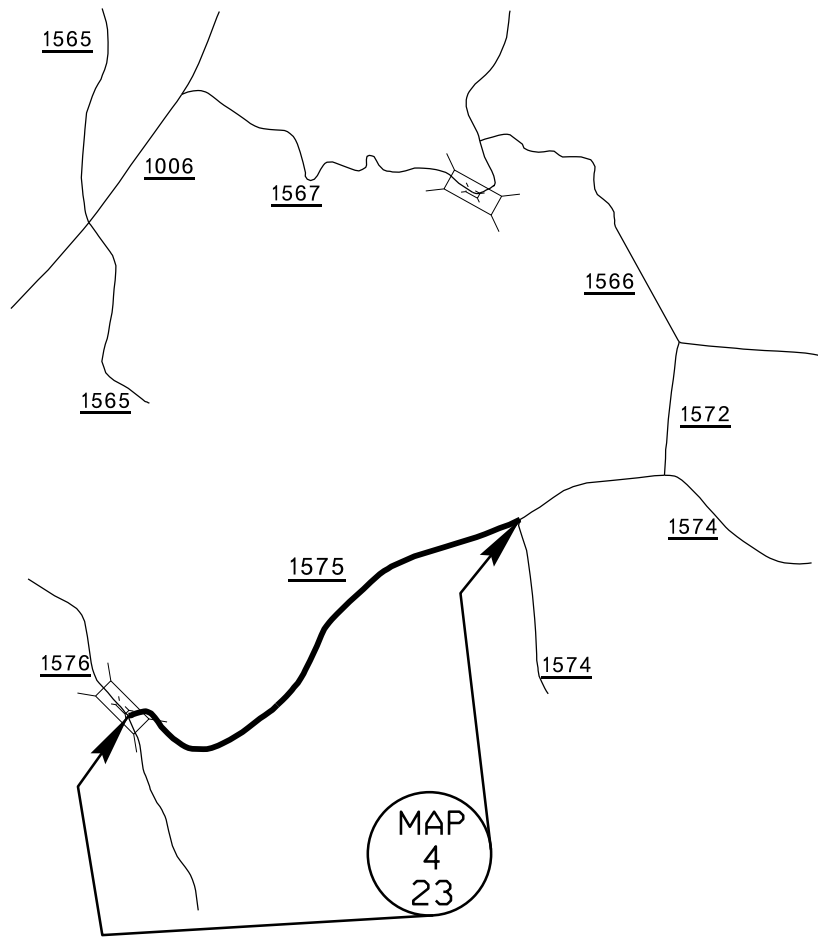
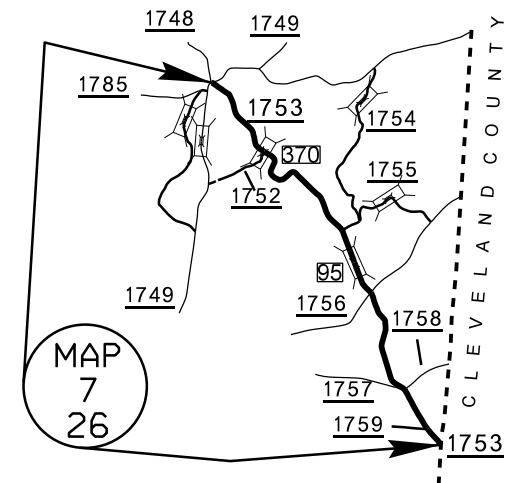
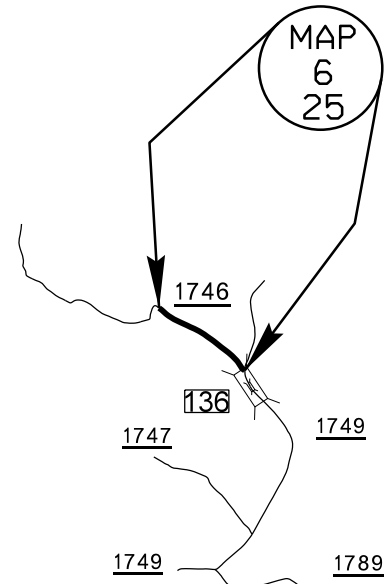
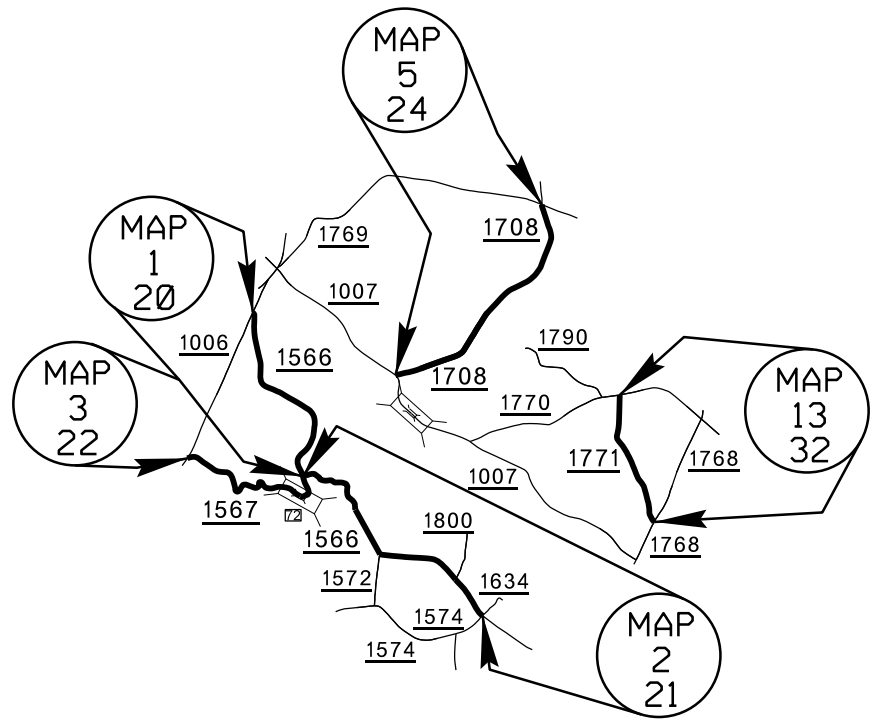
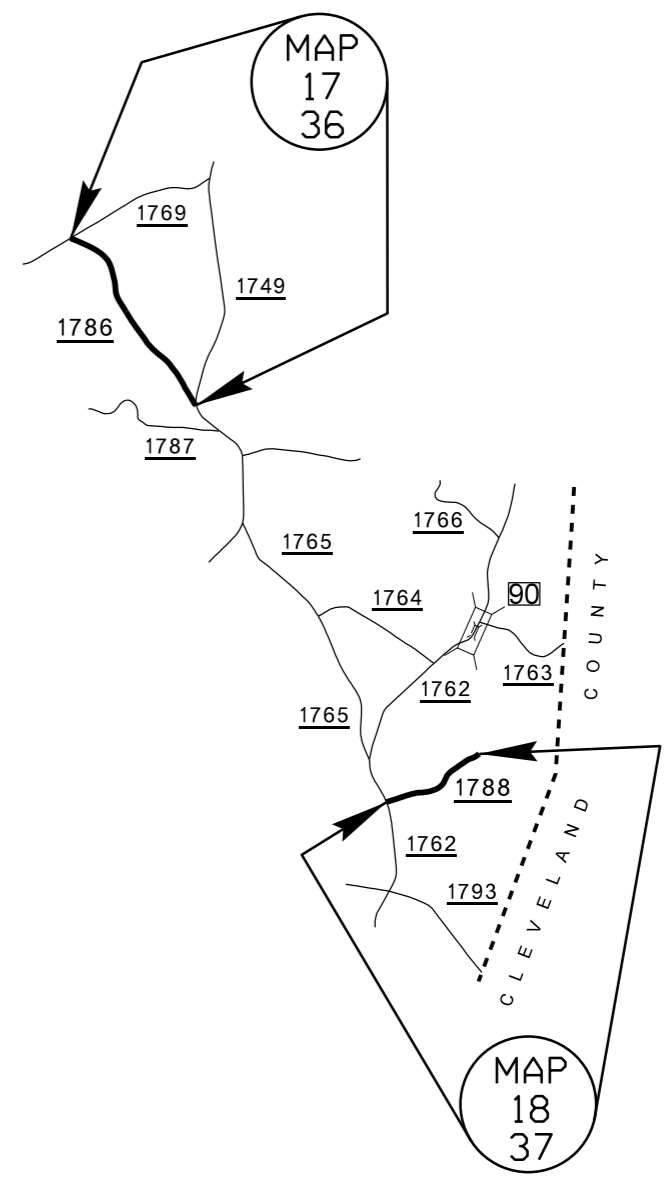
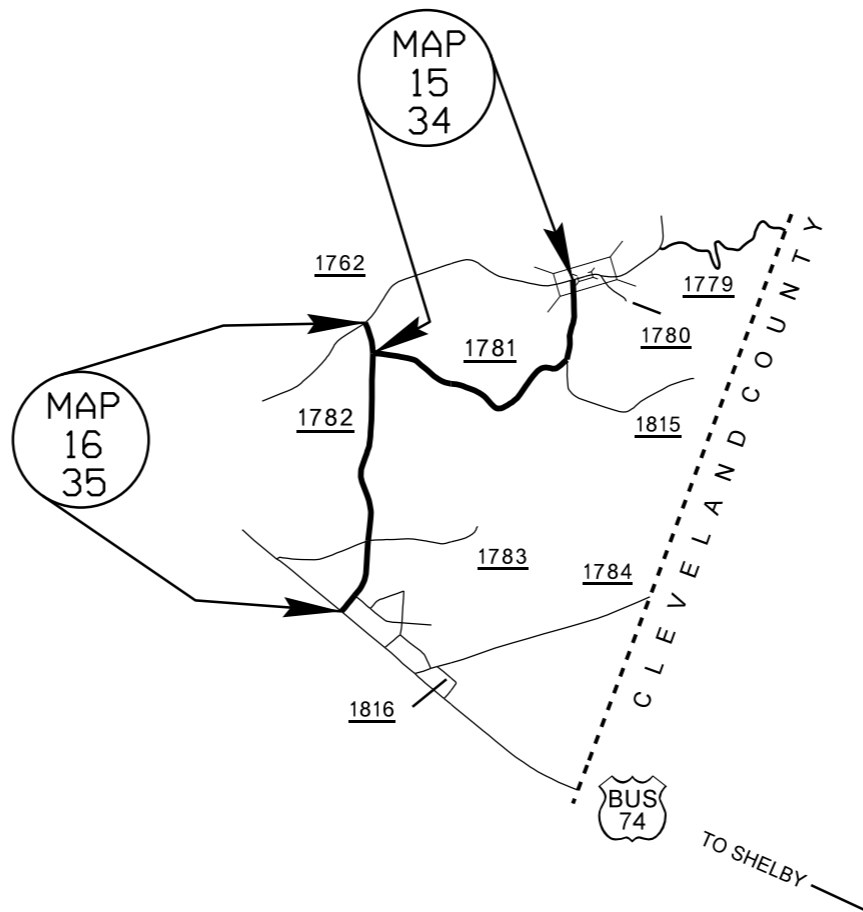
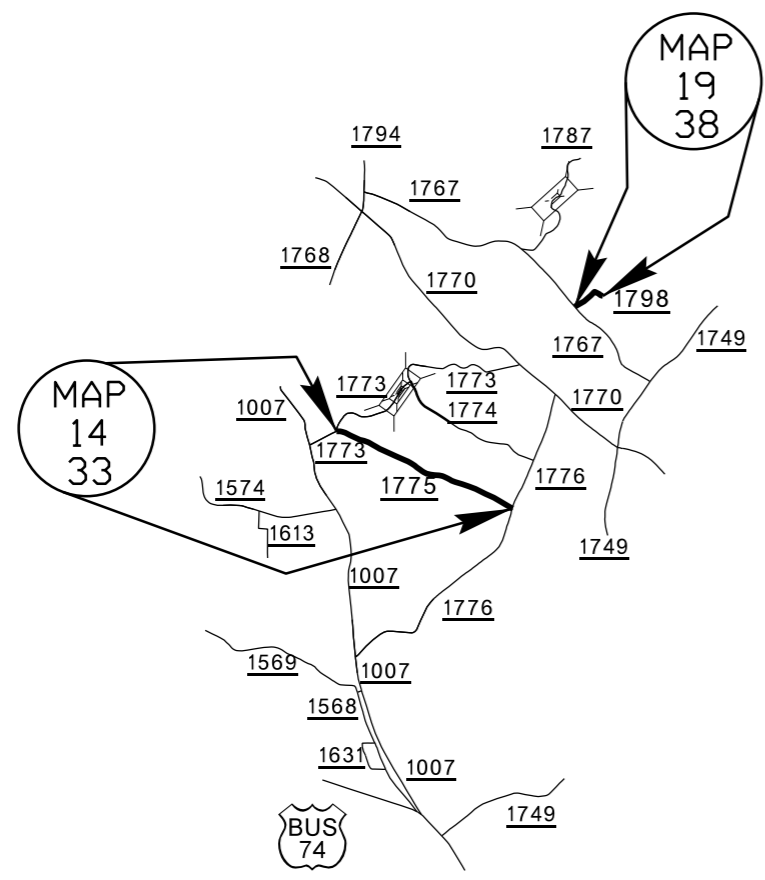


PROJECT NO.	SHEET NO.	TOTAL SHEETS
2022CPT.13.06.20811, 2022CPT.13.06.20812	1	12

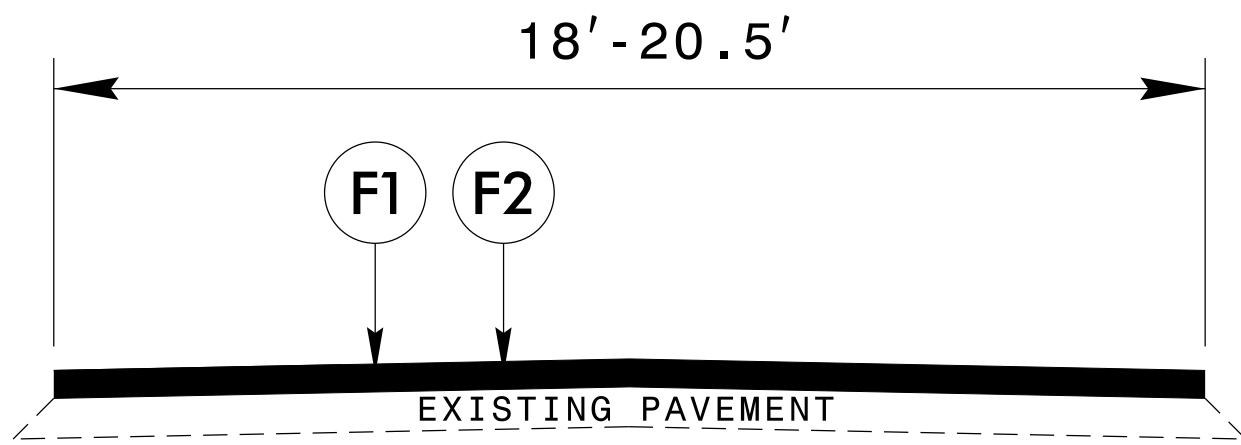


RUTHERFORD COUNTY

PROJECT NO.	SHEET NO.	TOTAL SHEETS
2022CPT.13.06.20811, 2022CPT.13.06.20812	2	12

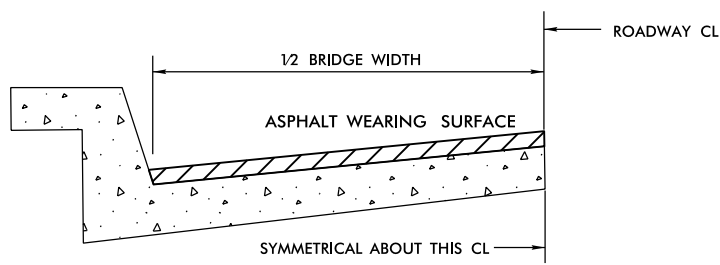


RUTHERFORD COUNTY



TYPICAL SECTION #1

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 3" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD. IN EACH OF TWO LAYERS.
F1	ASPHALT SURFACE TREATMENT, DOUBLE SEAL
F2	ASPHALT SURFACE TREATMENT, FOG SEAL
V1	MILLING ASPHALT PAVEMENT, 2" DEPTH



BRIDGE HALF TYPICAL SECTION

FOR BRIDGES WITH FLOOR DRAINS, CARE SHALL BE EXERCISED IN PLACING THE WEARING SURFACE AROUND FLOOR DRAINS SO AS NOT TO HINDER EFFECTIVE DRAINAGE. ALL DRAINS SHALL BE LEFT OPEN.

THE PROPOSED WEARING SURFACE SHALL VARY IN THICKNESS AS NECESSARY TO PROVIDE A SMOOTH RIDING SURFACE. THE MINIMUM THICKNESS SHOULD DEPEND ON PAVEMENT TYPE AS FOLLOWS: S4.75A 1/2", S9.5B 1", S9.5C,D 1.5" - 2". ULTRA-THIN HOT MIX ASPHALT - TYPE A 3/4". ULTRA-THIN HOT MIX ASPHALT - TYPE B 5/8". ULTRA-THIN HOT MIX ASPHALT - TYPE C 1/2". THE MAXIMUM THICKNESS SHOULD DEPEND ON PAVEMENT TYPE AS FOLLOWS: S4.75A 1", S9.5B 1.5", S9.5C,D 2". ULTRA-THIN HOT MIX ASPHALT - TYPE A 3/4", ULTRA-THIN HOT MIX ASPHALT - TYPE B 5/8", ULTRA-THIN HOT MIX ASPHALT - TYPE C 1/2".

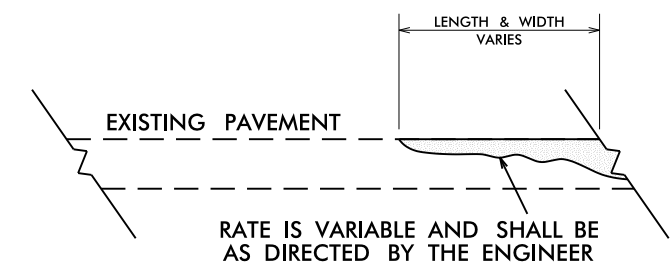
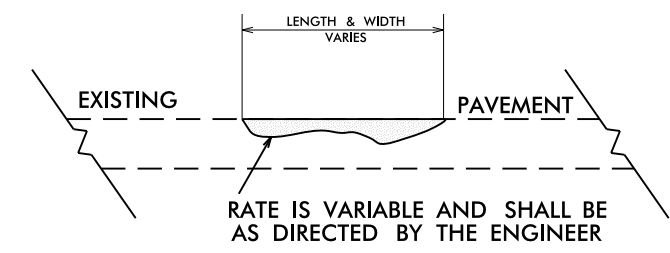
NOTES

ALL UNPAVED ROADS TO BE RESURFACED 50' FROM EDGE OF PAVEMENT OF MAIN PROJECT. ALL PAVED S. R. ROADS TO BE RESURFACED TO THE ENDS OF THE RADII, OR AS DIRECTED BY THE ENGINEER.

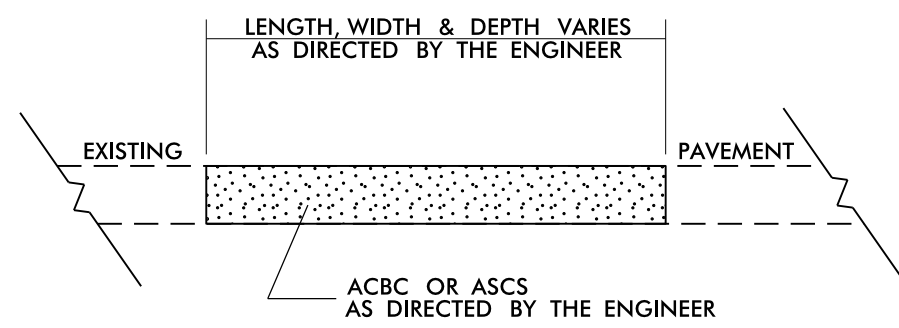
EDGES, PAVEMENT WIDENING, INTERSECTIONS AND BRIDGE FLARES ARE INCLUDED IN THE TABLE OF QUANTITIES.

SHOULDERS AND DITCHES ARE TO BE CONSTRUCTED BY OTHERS UNLESS OTHERWISE INDICATED.

BRIDGES ARE TO BE RESURFACED AT LOCATIONS AND TO DEPTH AS DIRECTED BY THE ENGINEER.

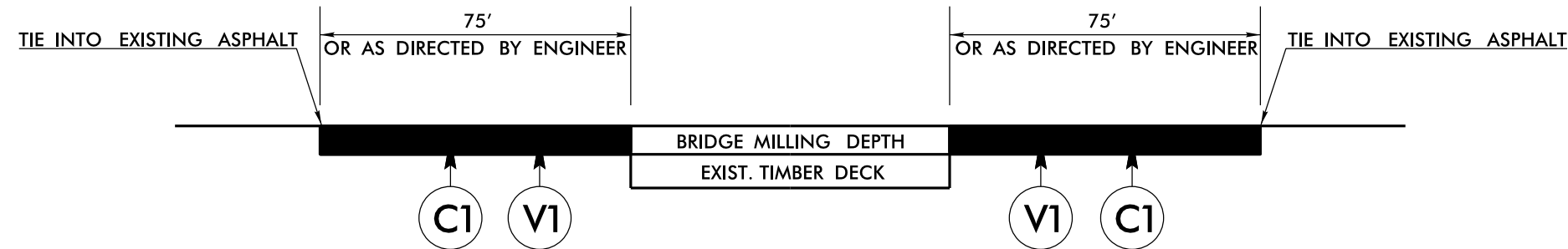


DETAIL SHOWING METHOD OF WEDGING



PATCHING EXISTING PAVEMENT

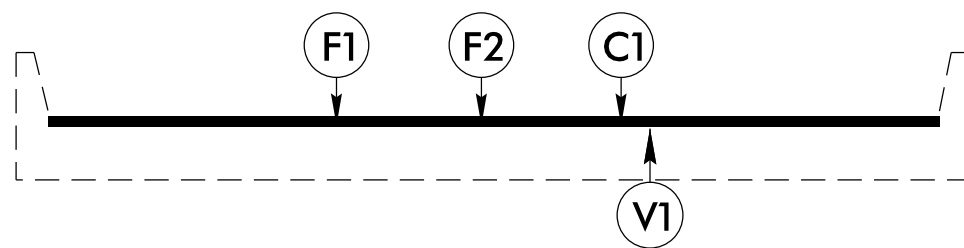
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 6/2/99
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 6/2/99



MILLING DETAIL AT BRIDGE/BRIDGE APPROACHES

EXISTING BRIDGE WEARING SURFACE TO BE REMOVED DOWN TO TIMBER DECKING.
BRIDGE NUMBER: 72 MAP 3 AND 102 MAP 13

BRIDGE



PAVEMENT SCHEDULE

C1	PROP. APPROX. 3" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD. IN EACH OF TWO LAYERS.
F1	ASPHALT SURFACE TREATMENT, DOUBLE SEAL
F2	ASPHALT SURFACE TREATMENT, FOG SEAL
V1	MILLING ASPHALT PAVEMENT, 2" DEPTH

PROJECT NO.	SHEET NO.	TOTAL NO.
2022CPT.13.06.20811, 2022CPT.13.06.20812	6	12

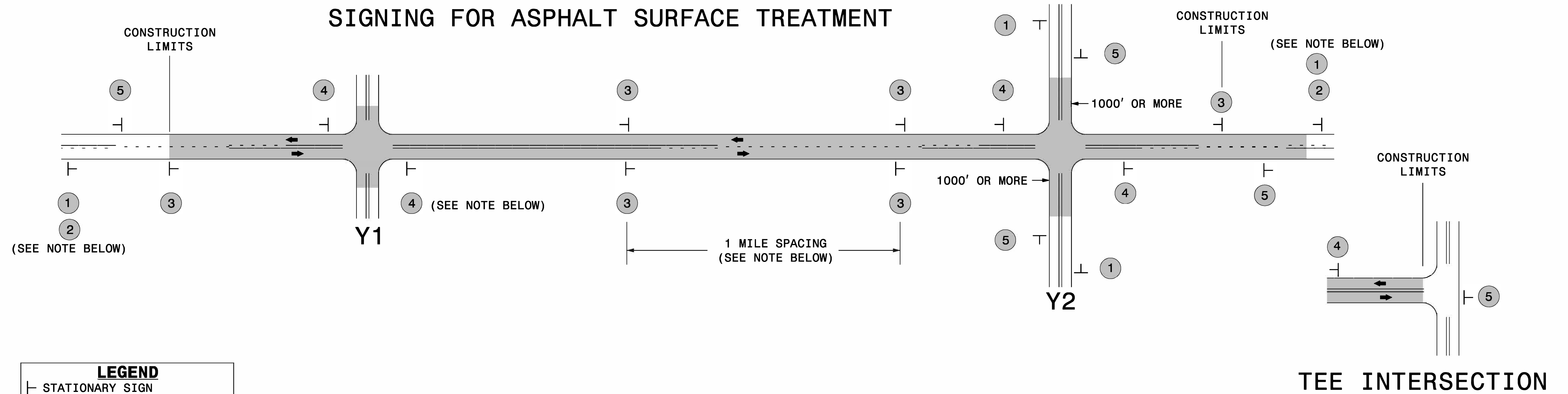
SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	129700000-E	151900000-E	157500000-E	170400000-E	180350000-E	182000000-E	183800000-E	183850000-N	
												MILLING ASPHALT PAVEMENT, 2" DEPTH	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT	ASPHALT SURFACE TREATMENT, DOUBLE SEAL	ASPHALT SURFACE TREATMENT, FOG SEAL	EMULSION FOR ASPHALT SURFACE TREATMENT	VACUUM TRUCK	
												SY	TON	TON	TON	SY	SY	GAL	WK	
2022CPT.13.06.20811	Rutherford	1	SR 1566 (WELLS MILL RD)	FROM SR 1006 TO SR 1567 (MP 0.00 - MP 1.20)	1	2	2WU	NO	NO	1.2	20									
2022CPT.13.06.20811	Rutherford	2	SR1566 (TERRY RD)	FROM SR 1567 TO SR 1574 (MP 1.20 - MP 2.73)	1	2	2WU	NO	NO	1.52	20									
2022CPT.13.06.20811	Rutherford	3	SR1567 (WALKER MILL RD)	FROM SR 1566 TO SR 1006 (MP 0.00 - MP 0.91)	1	2	2WU	NO	NO	0.91	20.5	397	66	4						
2022CPT.13.06.20811	Rutherford	4	SR1575 (KISER RD)	FROM SR 1574 TO SR 1576 (MP 0.00 - MP 1.15)	1	2	2WU	NO	NO	1.13	19.5									
2022CPT.13.06.20811	Rutherford	5	SR1708 (FREEWILL BAPTIST CHURCH RD)	FROM SR 1007 TO SR 1769 (MP 0.00 - MP 1.52)	1	2	2WU	NO	NO	1.5	19.5									
2022CPT.13.06.20811	Rutherford	6	SR1746 (MISSIONARY PLANTATION RD)	FROM SR 1749 TO EOM (MP 0.00 - MP 0.60)	1	2	2WU	NO	NO	0.6	18									
2022CPT.13.06.20811	Rutherford	7	SR1753 (HINTON CREEK RD)	FROM CLEVELAND CO TO SR 1749 (MP 0.00 - MP 3.23)	1	2	2WU	NO	NO	3.23	18									
2022CPT.13.06.20811	Rutherford	8	SR 1757 (JACK MOORE MTN. RD)	FROM SR 1749 TO SR 1753 (MP 0.00 - MP 1.68)	1	2	2WU	NO	NO	1.64	18.5									
2022CPT.13.06.20811	Rutherford	9	SR1758 (JACK MOORE MTN. RD EXT.)	FROM SR 1753 TO CLEVELAND CO (MP 0.00 - MP 0.36)	1	2	2WU	NO	NO	0.34	18									
2022CPT.13.06.20811	Rutherford	10	SR 1761 (MCKEE RD)	FROM SR 1762 TO SR 1760 (MP 0.00 - MP 0.54)	1	2	2WU	NO	NO	0.54	18									
2022CPT.13.06.20811	Rutherford	11	SR1766 (GENE DAVIS RD)	FROM SR 1762 TO SR 1760 (MP 0.00 - MP 0.83)	1	2	2WU	NO	NO	0.82	18									
2022CPT.13.06.20811	Rutherford	12	SR1766 (MT OLIVE CHURCH RD)	FROM SR 1760 TO SR 1792 (MP 0.83 - MP 2.56)	1	2	2WU	NO	NO	1.72	20	572	95	6						
2022CPT.13.06.20811	Rutherford	13	SR1771 (W.E. PADGETT RD)	FROM SR 1768 TO SR 1770 (MP 0.00 - MP 0.81)	1	2	2WU	NO	NO	0.79	19									
2022CPT.13.06.20811	Rutherford	14	SR1775 (LEDFORD RD)	FROM SR 1776 TO SR 1773 (MP 0.00 - MP 1.05)	1	2	2WU	NO	NO	1.04	18									
2022CPT.13.06.20811	Rutherford	15	SR1781 (E BUTLER RD)	FROM SR 1762 TO SR 1782 (MP 0.00 - MP 1.31)	1	2	2WU	NO	NO	1.3	18									
2022CPT.13.06.20811	Rutherford	16	SR1782 (EDLEY TONEY RD)	FROM SR 1762 TO US-74 BUS (MP 0.00 - MP 1.26)	1	2	2WU	NO	NO	1.24	20.5									
2022CPT.13.06.20811	Rutherford	17	SR1786 (GLOVER RD)	FROM SR 1749 TO SR 1769 (MP 0.00 - MP 1.21)	1	2	2WU	NO	NO	1.18	18									
2022CPT.13.06.20811	Rutherford	18	SR1788 (BLACK RD)	FROM SR 1762 TO EOM (MP 0.00 - MP 0.61)	1	2	2WU	NO	NO	0.5	18									
2022CPT.13.06.20811	Rutherford	19	SR1798 (PAIN RD)	FROM SR 1767 TO EOM (MP 0.00 - MP 0.19)	1	2	2WU	NO	NO	0.18	18									
TOTAL FOR PROJ NO. 2022CPT.13.06.20811											21.38	969	161	10	3,491					
2022CPT.13.06.20812	Rutherford	20	SR 1566 (WELLS MILL RD)	FROM SR 1006 TO SR 1567 (MP 0.00 - MP 1.20)	1	2	2WU	NO	NO	1.2	20					13,929	13,929	8,357		
2022CPT.13.06.20812	Rutherford	21	SR1566 (TERRY RD)	FROM SR 1567 TO SR 1574 (MP 1.20 - MP 2.73)	1	2	2WU	NO	NO	1.52	20					18,756	18,756	11,253		
2022CPT.13.06.20812	Rutherford	22	SR1567 (WALKER MILL RD)	FROM SR 1566 TO SR 1006 (MP 0.00 - MP 0.91)	1	2	2WU	NO	NO	0.91	20.5					11,286	11,286	6,772		
2022CPT.13.06.20812	Rutherford	23	SR1575 (KISER RD)	FROM SR 1574 TO SR 1576 (MP 0.00 - MP 1.15)	1	2	2WU	NO	NO	1.13	19.5					12,892	12,892	7,735		
2022CPT.13.06.20812	Rutherford	24	SR1708 (FREEWILL BAPTIST CHURCH RD)	FROM SR 1007 TO SR 1769 (MP 0.00 - MP 1.52)	1	2	2WU	NO	NO	1.5	19.5					17,173	17,173	10,304		
2022CPT.13.06.20812	Rutherford	25	SR1746 (MISSIONARY PLANTATION RD)	FROM SR 1749 TO EOM (MP 0.00 - MP 0.60)	1	2	2WU	NO	NO	0.6	18					6,310	6,310	3,786		
2022CPT.13.06.20812	Rutherford	26	SR1753 (HINTON CREEK RD)	FROM CLEVELAND CO TO SR 1749 (MP 0.00 - MP 3.23)	1	2	2WU	NO	NO	3.23	18					36,006	36,006	21,604		
2022CPT.13.06.20812	Rutherford	27	SR 1757 (JACK MOORE MTN. RD)	FROM SR 1749 TO SR 1753 (MP 0.00 - MP 1.68)	1	2	2WU	NO	NO	1.64	18.5					18,329	18,329	10,997		
2022CPT.13.06.20812	Rutherford	28	SR1758 (JACK MOORE MTN. RD EXT.)	FROM SR 1753 TO CLEVELAND CO (MP 0.00 - MP 0.36)	1	2	2WU	NO	NO	0.34	18					3,610	3,610	2,166		
2022CPT.13.06.20812	Rutherford	29	SR 1761 (MCKEE RD)	FROM SR 1762 TO SR 1760 (MP 0.00 - MP 0.54)	1	2	2WU	NO	NO	0.54	18					5,680	5,680	3,408		
2022CPT.13.06.20812	Rutherford	30	SR1766 (GENE DAVIS RD)	FROM SR 1762 TO SR 1760 (MP 0.00 - MP 0.83)	1	2	2WU	NO	NO	0.82	18					8,660	8,660	5,196		
2022CPT.13.06.20812	Rutherford	31	SR1766 (MT OLIVE CHURCH RD)	FROM SR 1760 TO SR 1792 (MP 0.83 - MP 2.56)	1	2	2WU	NO	NO	1.72	20					25,657	25,657	15,394		
2022CPT.13.06.20812	Rutherford	32	SR1771 (W.E. PADGETT RD)	FROM SR 1768 TO SR 1770 (MP 0.00 - MP 0.81)	1	2	2WU	NO	NO	0.79	19					8,860	8,860	5,316		
2022CPT.13.06.20812	Rutherford	33	SR1775 (LEDFORD RD)	FROM SR 1776 TO SR 1773 (MP 0.00 - MP 1.05)	1	2	2WU	NO	NO	1.04	18					10,958	10,958	6,575		
2022CPT.13.06.20812	Rutherford	34	SR1781 (E BUTLER RD)	FROM SR 1762 TO US-74 BUS (MP 0.00 - MP 1.26)	1	2	2WU	NO	NO	1.24	20.5					14,168	14,168	8,501		
2022CPT.13.06.20812	Rutherford	35	SR1782 (EDLEY TONEY RD)	FROM SR 1749 TO SR 1769 (MP 0.00 - MP 1.21)	1	2	2WU	NO	NO	1.18	18					15,829	15,829	9,497		
2022CPT.13.06.20812	Rutherford	36	SR1786 (GLOVER RD)	FROM SR 1762 TO EOM (MP 0.00 - MP 0.61)	1	2	2WU	NO	NO	0.5	18					12,438	12,438	7,463		
2022CPT.13.06.20812	Rutherford	37	SR1788 (BLACK RD)	FROM SR 1767 TO EOM (MP 0.00 - MP 0.19)	1	2	2WU	NO	NO	0.18	18					5,320	5,320	3,192		
2022CPT.13.06.20812	Rutherford	38	SR1798 (PAIN RD)	FROM SR 1767 TO EOM (MP 0.00 - MP 0.19)	1	2	2WU	NO	NO	0.18	18					1,906	1,906	1,144		
TOTAL FOR PROJ NO. 2022CPT.13.06.20812											21.38	969	161	10	3,491	247,767	247,767	148,660	12	
GRAND TOTAL											42.76	969	161	10	3,491	247,767	247,767	148,660	12	

PROJECT NO.	SHEET NO.	TOTAL NO.
2022CPT.13.06.20811, 2022CPT.13.06.20812	7	12

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	441300000-E	445700000-N	481000000-E	481000000-E
										WORK ZONE ADVANCE/GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL	PAINT PAVEMENT MARKING LINES (4") WHITE	PAINT PAVEMENT MARKING LINES (4") YELLOW
										SF	LS	LF	LF
2022CPT.13.06.20811	Rutherford	1	SR 1566 (WELLS MILL RD)	FROM SR 1006 TO SR 1567 (MP 0.00 - MP 1.20)	1	2	2WU	1.2	20				
2022CPT.13.06.20811	Rutherford	2	SR1566 (TERRY RD)	FROM SR 1567 TO SR 1574 (MP 1.20 - MP 2.73)	1	2	2WU	1.52	20				
2022CPT.13.06.20811	Rutherford	3	SR1567 (WALKER MILL RD)	FROM SR 1566 TO SR 1006 (MP 0.00 - MP 0.91)	1	2	2WU	0.91	20.5				
2022CPT.13.06.20811	Rutherford	4	SR1575 (KISER RD)	FROM SR 1574 TO SR 1576 (MP 0.00 - MP 1.15)	1	2	2WU	1.13	19.5				
2022CPT.13.06.20811	Rutherford	5	SR1708 (FREEWILL BAPTIST CHURCH RD)	FROM SR 1007 TO SR 1769 (MP 0.00 - MP 1.52)	1	2	2WU	1.5	19.5				
2022CPT.13.06.20811	Rutherford	6	SR1746 (MISSIONARY PLANTATION RD)	FROM SR 1749 TO EOM (MP 0.00 - MP 0.60)	1	2	2WU	0.6	18				
2022CPT.13.06.20811	Rutherford	7	SR1753 (HINTON CREEK RD)	FROM CLEVELAND CO TO SR 1749 (MP 0.00 - MP 3.23)	1	2	2WU	3.23	18				
2022CPT.13.06.20811	Rutherford	8	SR 1757 (JACK MOORE MTN. RD)	FROM SR 1749 TO SR 1753 (MP 0.00 - MP 1.68)	1	2	2WU	1.64	18.5				
2022CPT.13.06.20811	Rutherford	9	SR1758 (JACK MOORE MTN. RD EXT.)	FROM SR 1753 TO CLEVELAND CO (MP 0.00 - MP 0.36)	1	2	2WU	0.34	18				
2022CPT.13.06.20811	Rutherford	10	SR 1761 (MCKEE RD)	FROM SR 1762 TO SR 1760 (MP 0.00 - MP 0.54)	1	2	2WU	0.54	18	*	*		
2022CPT.13.06.20811	Rutherford	11	SR1766 (GENE DAVIS RD)	FROM SR 1762 TO SR 1760 (MP 0.00 - MP 0.83)	1	2	2WU	0.82	18				
2022CPT.13.06.20811	Rutherford	12	SR1766 (MT OLIVE CHURCH RD)	FROM SR 1760 TO SR 1792 (MP 0.83 - MP 2.56)	1	2	2WU	1.72	20				
2022CPT.13.06.20811	Rutherford	13	SR1771 (W.E. PADGETT RD)	FROM SR 1768 TO SR 1770 (MP 0.00 - MP 0.81)	1	2	2WU	0.79	19				
2022CPT.13.06.20811	Rutherford	14	SR1775 (LEDFORD RD)	FROM SR 1776 TO SR 1773 (MP 0.00 - MP 1.05)	1	2	2WU	1.04	18				
2022CPT.13.06.20811	Rutherford	15	SR1781 (E BUTLER RD)	FROM SR 1762 TO SR 1782 (MP 0.00 - MP 1.31)	1	2	2WU	1.3	18				
2022CPT.13.06.20811	Rutherford	16	SR1782 (EDLEY TONEY RD)	FROM SR 1762 TO US-74 BUS (MP 0.00 - MP 1.26)	1	2	2WU	1.24	20.5				
2022CPT.13.06.20811	Rutherford	17	SR1786 (GLOVER RD)	FROM SR 1749 TO SR 1769 (MP 0.00 - MP 1.21)	1	2	2WU	1.18	18				
2022CPT.13.06.20811	Rutherford	18	SR1788 (BLACK RD)	FROM SR 1762 TO EOM (MP 0.00 - MP 0.61)	1	2	2WU	0.5	18				
2022CPT.13.06.20811	Rutherford	19	SR1798 (PAIN RD)	FROM SR 1767 TO EOM (MP 0.00 - MP 0.19)	1	2	2WU	0.18	18				
TOTAL FOR PROJ NO. 2022CPT.13.06.20811									21.38	774	*		
2022CPT.13.06.20812	Rutherford	20	SR 1566 (WELLS MILL RD)	FROM SR 1006 TO SR 1567 (MP 0.00 - MP 1.20)	1	2	2WU	1.2	20			25,152	25,152
2022CPT.13.06.20812	Rutherford	21	SR1566 (TERRY RD)	FROM SR 1567 TO SR 1574 (MP 1.20 - MP 2.73)	1	2	2WU	1.52	20			32,932	32,932
2022CPT.13.06.20812	Rutherford	22	SR1567 (WALKER MILL RD)	FROM SR 1566 TO SR 1006 (MP 0.00 - MP 0.91)	1	2	2WU	0.91	20.5			19,060	19,060
2022CPT.13.06.20812	Rutherford	23	SR1575 (KISER RD)	FROM SR 1574 TO SR 1576 (MP 0.00 - MP 1.15)	1	2	2WU	1.13	19.5			23,800	23,800
2022CPT.13.06.20812	Rutherford	24	SR1708 (FREEWILL BAPTIST CHURCH RD)	FROM SR 1007 TO SR 1769 (MP 0.00 - MP 1.52)	1	2	2WU	1.5	19.5			31,704	31,704
2022CPT.13.06.20812	Rutherford	25	SR1746 (MISSIONARY PLANTATION RD)	FROM SR 1749 TO EOM (MP 0.00 - MP 0.60)	1	2	2WU	0.6	18			12,620	12,620
2022CPT.13.06.20812	Rutherford	26	SR1753 (HINTON CREEK RD)	FROM CLEVELAND CO TO SR 1749 (MP 0.00 - MP 3.23)	1	2	2WU	3.23	18			68,240	68,240
2022CPT.13.06.20812	Rutherford	27	SR 1757 (JACK MOORE MTN. RD)	FROM SR 1749 TO SR 1753 (MP 0.00 - MP 1.68)	1	2	2WU	1.64	18.5			34,640	34,640
2022CPT.13.06.20812	Rutherford	28	SR1758 (JACK MOORE MTN. RD EXT.)	FROM SR 1753 TO CLEVELAND CO (MP 0.00 - MP 0.36)	1	2	2WU	0.34	18			7,220	7,220
2022CPT.13.06.20812	Rutherford	29	SR 1761 (MCKEE RD)	FROM SR 1762 TO SR 1760 (MP 0.00 - MP 0.54)	1	2	2WU	0.54	18	*	*	11,360	11,360
2022CPT.13.06.20812	Rutherford	30	SR1766 (GENE DAVIS RD)	FROM SR 1762 TO SR 1760 (MP 0.00 - MP 0.83)	1	2	2WU	0.82	18			17,320	17,320
2022CPT.13.06.20812	Rutherford	31	SR1766 (MT OLIVE CHURCH RD)	FROM SR 1760 TO SR 1792 (MP 0.83 - MP 2.56)	1	2	2WU	1.72	20			46,048	46,048
2022CPT.13.06.20812	Rutherford	32	SR1771 (W.E. PADGETT RD)	FROM SR 1768 TO SR 1770 (MP 0.00 - MP 0.81)	1	2	2WU	0.79	19			16,788	16,788
2022CPT.13.06.20812	Rutherford	33	SR1775 (LEDFORD RD)	FROM SR 1776 TO SR 1773 (MP 0.00 - MP 1.05)	1	2	2WU	1.04	18			21,916	21,916
2022CPT.13.06.20812	Rutherford	34	SR1781 (E BUTLER RD)	FROM SR 1762 TO SR 1782 (MP 0.00 - MP 1.31)	1	2	2WU	1.3	18			27,556	27,556
2022CPT.13.06.20812	Rutherford	35	SR1782 (EDLEY TONEY RD)	FROM SR 1762 TO US-74 BUS (MP 0.00 - MP 1.26)	1	2	2WU	1.24	20.5			26,188	26,188
2022CPT.13.06.20812	Rutherford	36	SR1786 (GLOVER RD)	FROM SR 1749 TO SR 1769 (MP 0.00 - MP 1.21)	1	2	2WU	1.18	18			24,876	24,876
2022CPT.13.06.20812	Rutherford	37	SR1788 (BLACK RD)	FROM SR 1762 TO EOM (MP 0.00 - MP 0.61)	1	2	2WU	0.5	18				
2022CPT.13.06.20812	Rutherford	38	SR1798 (PAIN RD)	FROM SR 1767 TO EOM (MP 0.00 - MP 0.19)	1	2	2WU	0.18	18				
TOTAL FOR PROJ NO. 2022CPT.13.06.20812									21.38	1,571	*	447,420	447,420
GRAND TOTAL									42.76	2,345	1	894,840	



LEGEND

┆ STATIONARY SIGN

← DIRECTION OF TRAFFIC FLOW

MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1		PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.
	2		#2 SIGN ONLY USED WHEN RESURFACING LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER. (NO FRACTIONAL OR DECIMAL NUMBERS)
	3	 	<ul style="list-style-type: none"> - ALTERNATE THE FOLLOWING TWO SIGNS: - STARTING WITH "LOOSE GRAVEL" (W8-7) FOLLOWED BY "UNMARKED PAVEMENT". - PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART THEREAFTER. - AT TEE INTERSECTIONS INSTALL INITIALLY 0.5 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.
	4		<ul style="list-style-type: none"> - 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		PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.

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

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

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

W20-1
48" X 48"

W20-7 A
48" X 48"

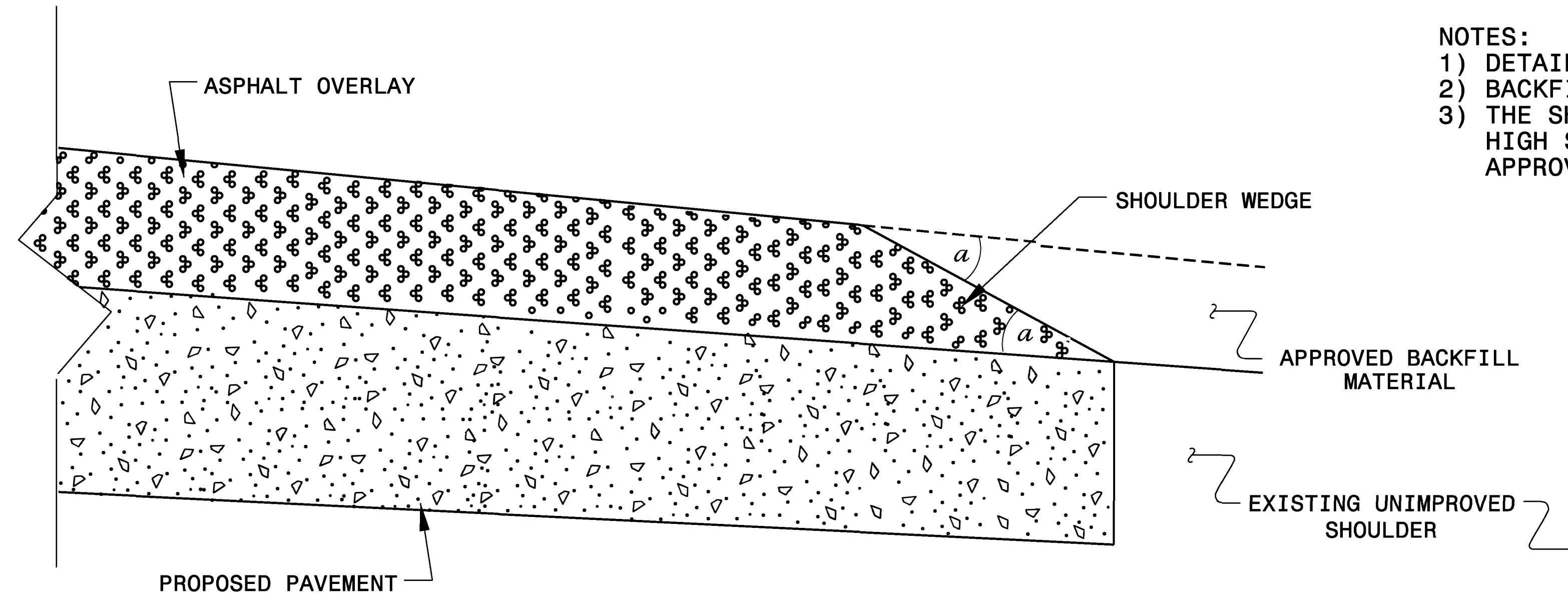
PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.



ADVANCE WARNING SIGNS FOR ASPHALT SURFACE TREATMENTS 2 LANE ROADWAYS

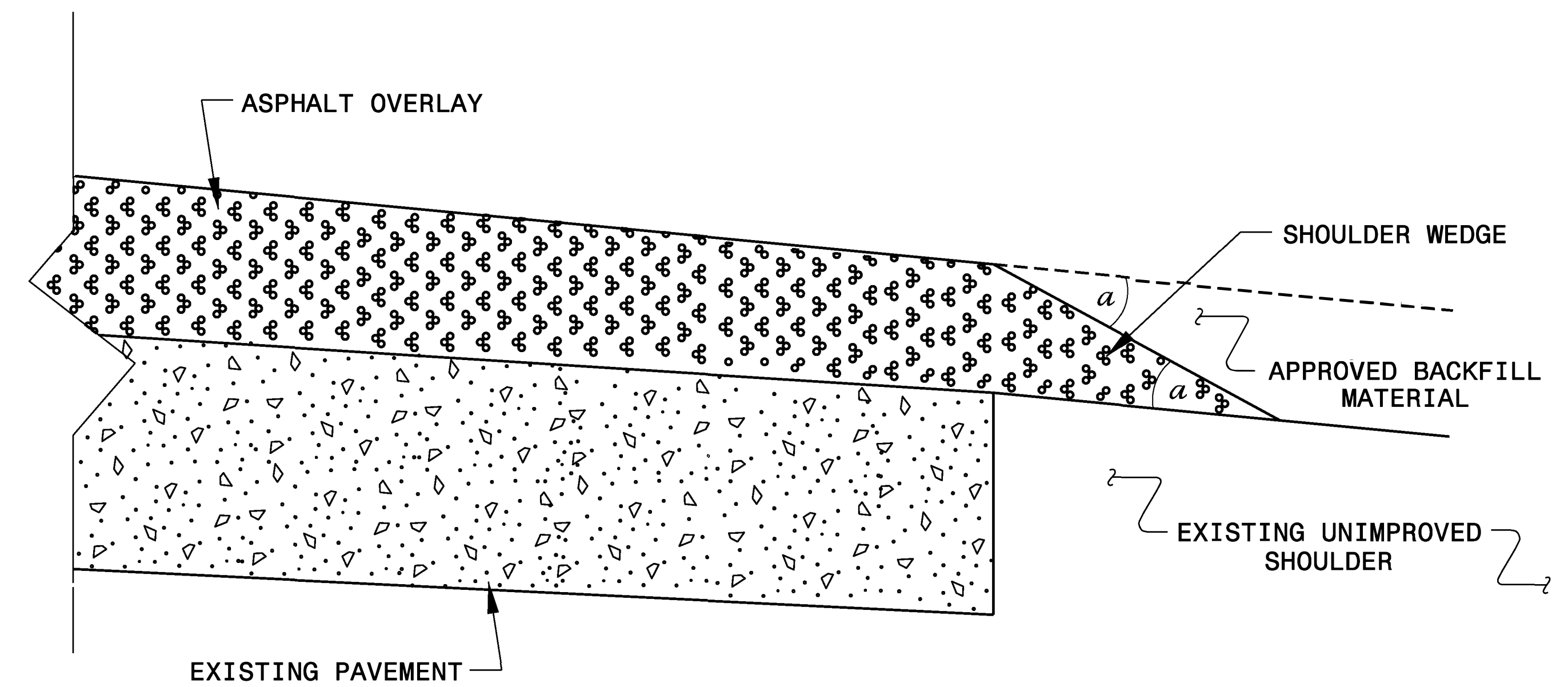
NOTES:

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



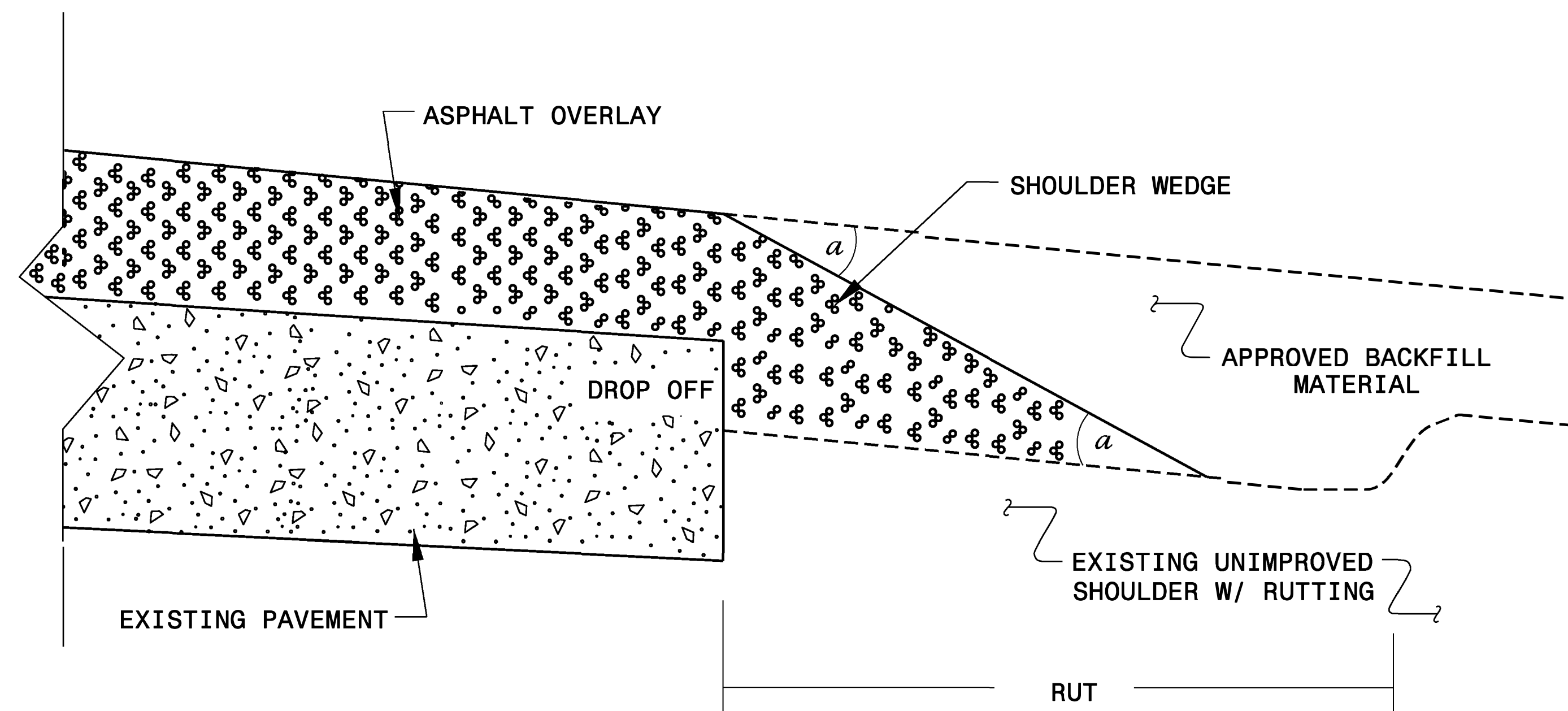
SHOULDER WEDGE DETAIL

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



SHOULDER WEDGE DETAIL

(Resurfacing Projects w/ NO Widening)



SHOULDER WEDGE DETAIL

(Resurfacing Adjacent to Rutted Shoulder)

- SHOULDER WEDGE ANGLE = 30°



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

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 11299

TYPE: B

QUANTITY: SEE PLANS

SIGN WIDTH: 5'-6"

HEIGHT: 5'-6"

TOTAL AREA: 30.5 Sq.Ft.

BORDER TYPE: INSET

RECESS: 0.59"

WIDTH: 0.75"

RADII: 1.38"

NO. Z BARS: N/A

LENGTH: N/A

BACKG COLOR: Fluorescent Orange

COPY COLOR: Black

SYMBOL	X	Y	WID	HT

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: WJ

PROJECT ID: ALL

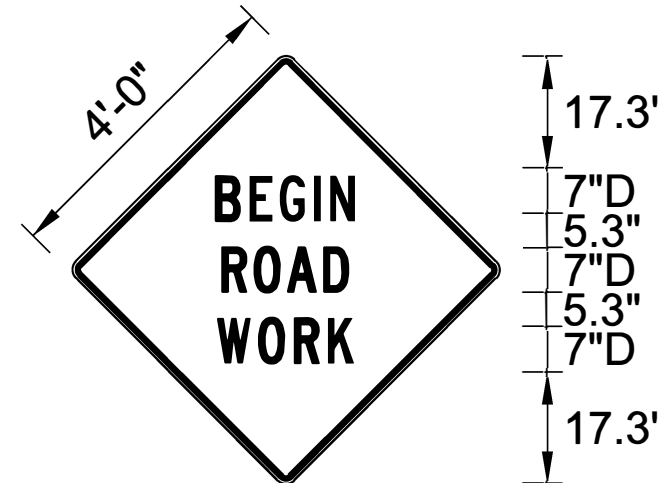
CHECKED BY:

DIV: ALL

DATE: Jun 22, 2011

SP 11299

PROJECT NO.	SHEET NO.	TOTAL NO.
2022CPT.13.06.20811, 2022CPT.13.06.20812	10	12



BORDER
 R=1.38"
 TH=0.75"
 IN=0.59"

Spacing Factor is 1 unless specified otherwise

USE NOTES: 1,2

- 1. Legend and border shall be direct applied black non-reflective sheeting.
- 2. Background shall be Type VII, VIII, or IX (prismatic) fluorescent orange retroreflective sheeting.

LETTER POSITIONS

Letter spacings are to start of next letter																				Series/Size	
																				Text Length	
		B	E	G	I	N															D 2000
	20.5	6	5.4	6.3	2.8	4.8	20.5														25.2
		R	O	A	D																D 2000
	21.4	5.8	5.9	7	4.8	21.4															23.5
		W	O	R	K																D 2000
	20.9	7.1	6.5	5.9	4.9	20.9															24.5

SIGN NUMBER: SP13106
 TYPE: STATIONARY
 QUANTITY: SEE PLANS

BACKG COLOR: Fluorescent Orange
 COPY COLOR: Black

DESIGN BY: B. RASHID
 PROJECT ID:

CHECKED BY: AIA
 DIV:

DATE: Apr 26, 2013

SYMBOL	X	Y	WID	HT

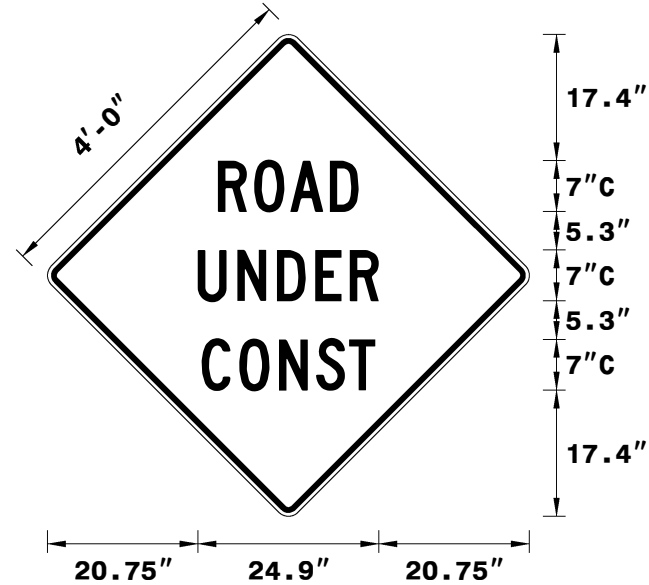
SIGN WIDTH: 4'-0"
 HEIGHT: 4'-0"
 TOTAL AREA: 16.00 Sq.Ft.

BORDER TYPE: INSET
 RECESS: 0.75"
 WIDTH: 1.25"
 RADII: 3"

NO. Z BARS:
 LENGTH:

MAT'L: 0.080" (2.0 mm) ALUMINUM

PROJECT NO.	SHEET NO.	TOTAL NO.
2022CPT.13.06.20811, 2022CPT.13.06.20812	11	12



Spacing Factor is 1 unless specified otherwise

USE NOTES: 1,2

- Legend and border shall be direct applied black non-reflective sheeting.
- Background shall be NC GRADE B fluorescent orange retroreflective sheeting.

LETTER POSITIONS

Letter spacings are to start of next letter

Letter spacings are to start of next letter																	Series/Size	
																	Text Length	
		R	O	A	D													C 2000
23.5	5	5	5.5	3.9	23.5													19.3
		U	N	D	E	R												C 2000
20.7	5.5	5.5	5.3	4.8	3.9	20.7												24.9
		C	O	N	S	T												C 2000
21.2	5.2	5.5	5.1	4.6	3.6	21.2												23.9

SIGN NUMBER: SP13107
 TYPE: STATIONARY
 QUANTITY: SEE PLANS

BACKG COLOR: Fluorescent Orange
 COPY COLOR: Black

DESIGN BY: B. RASHID
 PROJECT ID:

CHECKED BY: AIA
 DIV:

DATE: Apr 26, 2013

SYMBOL	X	Y	WID	HT

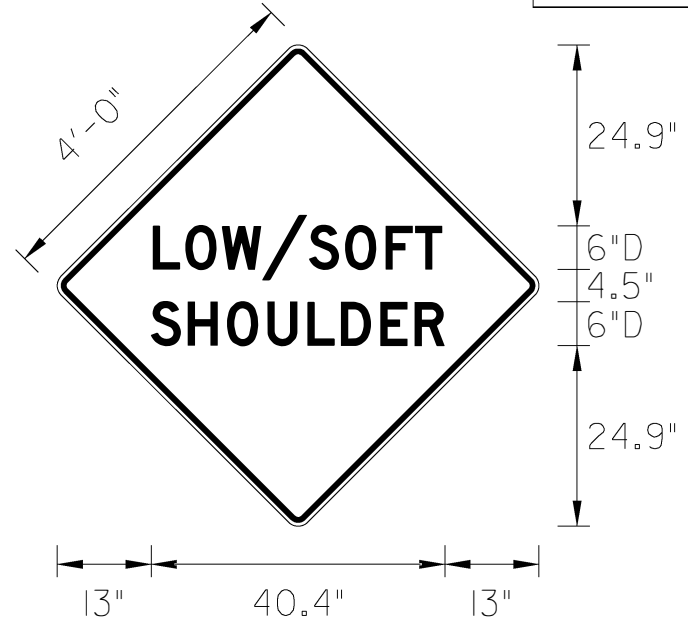
SIGN WIDTH: 4'-0"
 HEIGHT: 4'-0"
 TOTAL AREA: 16.00 Sq.Ft.

BORDER TYPE: INSET
 RECESS: 0.75"
 WIDTH: 1.25"
 RADII: 3"

MAT'L: 0.080" (2.0 mm) ALUMINUM

NO. Z BARS:
 LENGTH:

PROJECT NO.	SHEET NO.	TOTAL NO.
2022CPT.13.06.20811, 2022CPT.13.06.20812	12	12



Spacing Factor is 1 unless specified otherwise

USE NOTES: 1,2

- Legend and border shall be direct applied black non-reflective sheeting.
- Background shall be NC GRADE B fluorescent orange retroreflective sheeting.

LETTER POSITIONS

Letter spacings are to start of next letter											Series/Size
											Text Length
	L	O	W	/	S	O	F	T			D 2000
13.2	4.5	5	5.5	6.5	5	5.6	4.1	3.7	13.2		39.9
	S	H	O	U	L	D	E	R			D 2000
13	5.1	5.4	5.6	5.5	4.6	5.4	4.7	4.1	13		40.4