





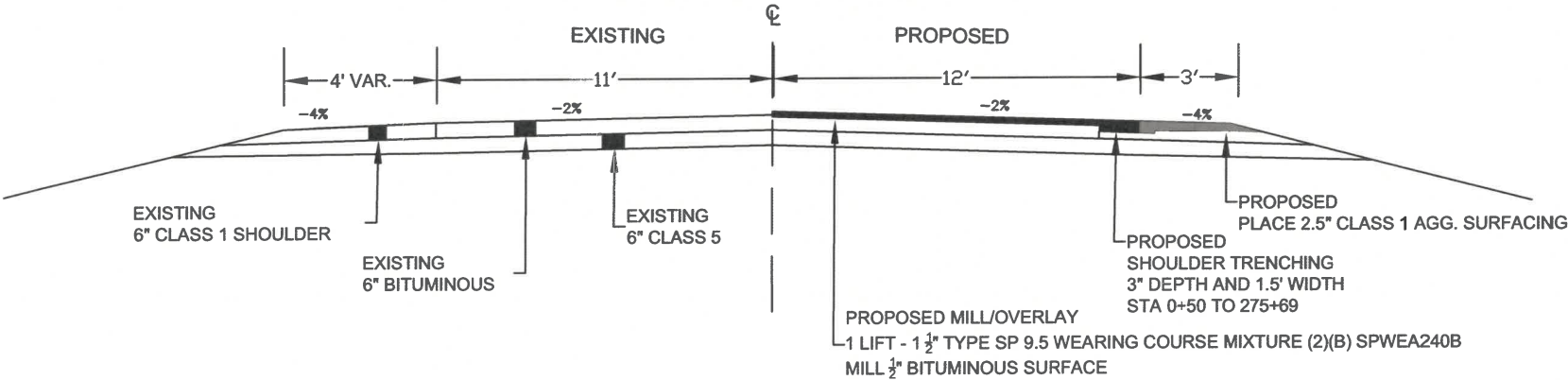
BASIS OF ESTIMATED QUANTITIES

ITEM NO.	MNDOT NO.	ESTIMATED QUANTITIES	UNIT	TOTAL ESTIMATED QUANTITY
		SAP 006-610-026 ITEM DESCRIPTION		
1	2021.501	MOBILIZATION	LS	1
2	2051.501	MAINT. & RESTORATION OF HAUL ROADS	LS	1
3	2106.619	SHOULDER TRENCHING	RDST	275
4	2118.509	AGGREGATE SURFACING CLASS 1	TON	8,774
5	2232.504	MILL BITUMINOUS SURFACE (1/2")	SY	141,467
6	2360.509	TYPE SP 9.5 WEAR COURSE MIX (2,B)	TON	13,538
7	2563.601	TRAFFIC CONTROL	LS	1
8	2580.501	INTERIM PAVEMENT MARKING	LS	1
9	2582.503	4" SOLID LINE PAINT	LF	14,910
10	2582.503	6" SOLID LINE PAINT	LF	107,863
11	2582.503	4" BROKEN LINE PAINT	LF	10,899

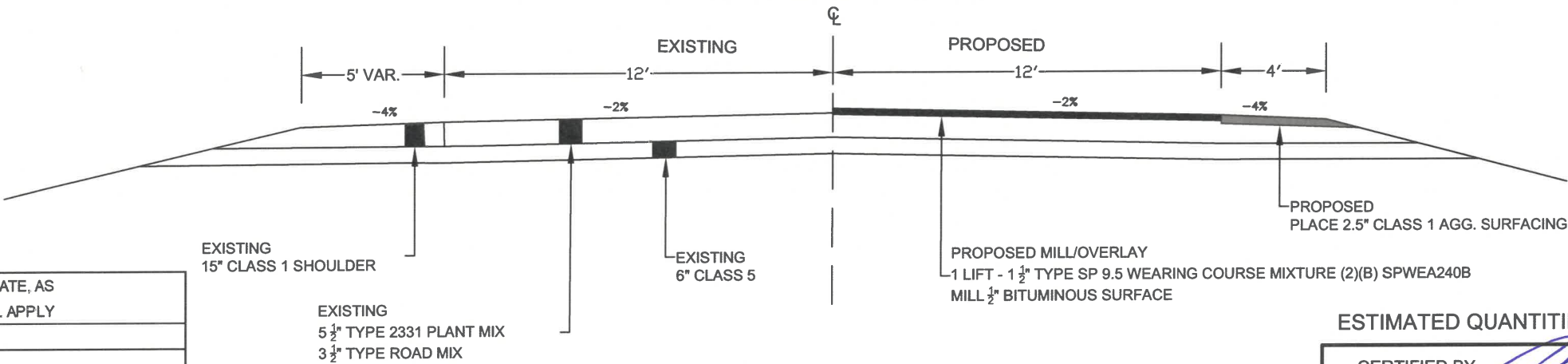
3. SHOULDER TRENCHING STA 0+50 TO 275+69, SHALL INCLUDE BOTH LANES 3" DEPTH 1.5' WIDTH WIDE TRENCH EDGE OF EXISTING BITUMINOUS. MATERIAL REMOVED FROM TRENCH MAY BE USED FOR SHOULDERING MATERIAL.
4. AGGREGATE SURFACING CLASS 1 (135 LBS CU FT). AGGREGATE SHALL BE PLACED WITH A SHOULDERING MACHINE APPROVED BY THE ENGINEER. INCLUDES QUANTITIES FOR 56 FIELD ENTRANCES, 10 DRIVEWAYS, AND 15 INTERSECTING ROADS.
5. MILL BITUMINOUS SURFACE FULL WIDTH AT 1/2" DEPTH. INCLUDES QUANTITIES FOR 3' BUMP OUTS AT 56 FIELD ENTRANCES, 10 DRIVEWAY, AND 15 INTERSECTING ROADS. MILLINGS BECOME PROPERTY OF CONTRACTOR AND MAY BE USED IN BITUMINOUS MIXTURE. MILL BITUMINOUS SURFACE JOINT AT BEGINING AND END OF PROJECT 1.5" AND TAPER TO 0.5" AS DIRECTED BY THE ENGINEER.
6. TYPE SP 9.5 WEARING COURSE MIXTURE (2)(B) (110 LBS/IN.SQ.YD.) CSS-1H OR CQS-1H FOR TACK COAT SHALL BE INCLUDED IN BID PRICE FOR 2360.509 AND APPLIED IN ACCORDANCE WITH SPEC. 2357.
7. SIGNING SHALL BE INSTALLED AND APPROVED BY THE ENGINEER AT LEAST 24 HOURS BEFORE ANY WORK IS STARTED.
8. INTERIM PAVEMENT MARKING (4' LONG WITH 50' INTERVALS). PLACE AFTER BITUMINOUS MILLING AND EACH LIFT OF BITUMINOUS. FINAL LIFT SHALL BE TEMPORARY RAISED PAVEMENT MARKERS. SHALL BE INCLUDED IN BID PRICE FOR 2580.501. REMOVAL OF TEMPORARY RAISED PAVEMENT MARKERS SHALL BE INCLUDED IN THE BID PRICE FOR 2580.501.
9. YELLOW - LATEX
10. WHITE - LATEX
11. YELLOW- LATEX (10' STRIPE WITH 40' SKIP)

TYPICAL SECTION

PROPOSED BITUMINOUS OVERLAY AND AGGREGATE SHOULDERING  
10 TON DESIGN  
GRAVEL EQUIVALENT 20.3"  
STATION 0+50 TO 275+69



PROPOSED BITUMINOUS OVERLAY AND AGGREGATE SHOULDERING  
10 TON DESIGN  
GRAVEL EQUIVALENT 26.38"  
STATION 443+76 TO 713+50.67



THE FOLLOWING STANDARD PLATE, AS APPROVED BY THE FHWA SHALL APPLY	
8000K	TEMPORARY CHANNELIZERS
9000E	APPROACHES AND ENTRANCES

ESTIMATED QUANTITIES & STANDARD PLATES AND TYPICAL SECTION

CERTIFIED BY		LIC. NO. 60399	5/5 125
STATE AID PROJ. NO.	S.A.P. 006-610-026	SHEET	2 OF 3

