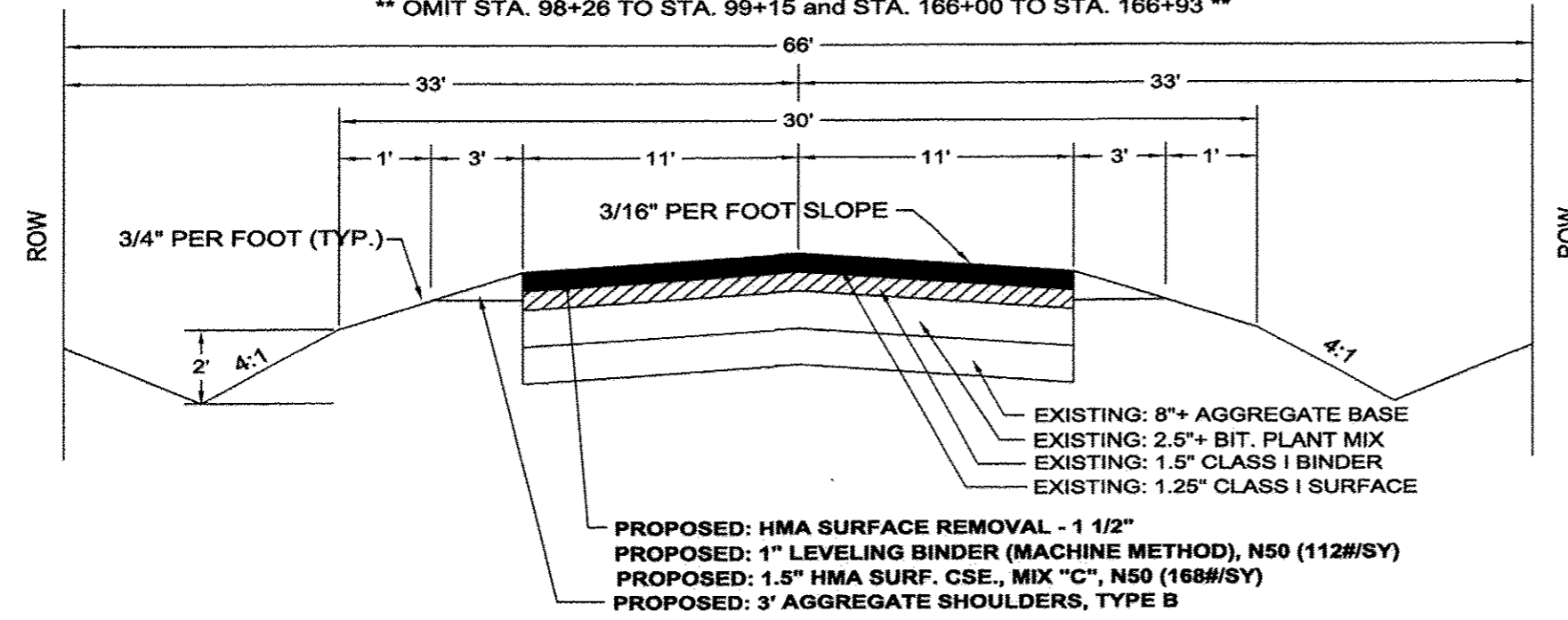


FAS NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	13-00119-00-RS		3	2
PROJECT RS-0341(111)				
CONTRACT # 87534				

**TYPICAL CROSS SECTION  
SECTION 13-00119-00-RS ( MELVIN- SIBLEY ROAD )  
STATION 0+00 TO 175+75**

\*\* OMIT STA. 98+26 TO STA. 99+15 and STA. 166+00 TO STA. 166+93 \*\*



STRUCTURAL DESIGN  
STA. 0+00 TO STA. 175+75  
SEC. 13-00119-00-RS

STRUCTURAL DESIGN TRAFFIC YEAR	2023
CURRENT A.D.T.	225
A.D.T. 2023	300
P.V.	264
S.U.	27
M.U.	9
CLASS	IV
MINIMUM SOIL SUPPORT IBV	3
TRAFFIC FACTOR	0.010
Dt REQUIRED	2.00

EXISTING BASE:	
8"+ AGGREGATE BASE	8" X 0.06 = 0.48
2.5" BIT PLANT MIX (LA)	2.5" X 0.12 = 0.30
2.75" BIT. CONC CL I (POST 1955)	2.75" X 0.30 = 0.83
SUBTOTAL EXISTING	1.61
PROPOSED:	
COLD MILL 1.5" EXISTING SURFACE	1.5" X - 0.30 = - 0.45
1" LEVEL BINDER, N50	1" X 0.40 = 0.40
1.50" HMA SURF. CSE., MIX "C", N50	1.50" X 0.40 = 0.60
Dt TOTAL	2.16

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	QUANTITY
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	3,260
40600300	AGGREGATE (PRIME COAT)	TON	40
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	2,410
40600990	TEMPORARY RAMP	SQ YD	70
40603310	HOT- MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	3,620
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	50
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1-1/2"	SQ YD	42,520
* 48101200	AGGREGATE SHOULDERS, TYPE B	TON	1,000
67100100	MOBILIZATION	L SUM	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	3,515
# 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	5,715

\* INDICATES SEE SPECIAL PROVISIONS  
# INDICATES SPECIALTY ITEM

**BITUMINOUS MIXTURE TABLE**

	LEVEL BINDER	HMA SURFACE	INCIDENTAL HMA
PG GRADE	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0 % @ N50	4.0 % @ N50	4.0 % @ N50
MIX COMPOSITION	IL-9.5	IL 9.5	IL 9.5
FRICTION AGGREGATE		MIXTURE "C"	MIXTURE "C"
DENSITY CONTROL METHOD	SATISFACTION OF ENG.	CORRELATION	SATISFACTION OF ENG.