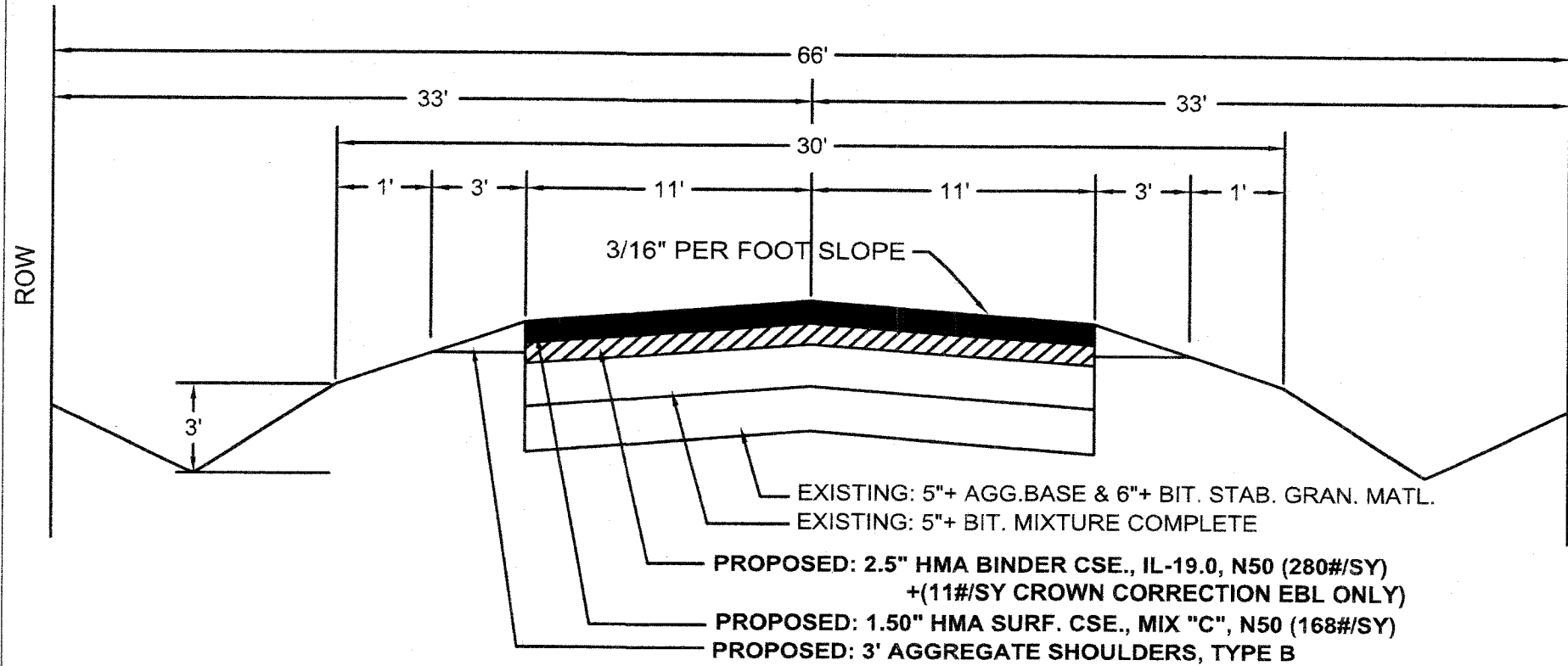


TYPICAL CROSS SECTION
SECTION 03-00104-00-RS (PIT ROAD)
STATION 0+00 TO 216+50

FAS NO	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	03-00104-00-RS		3	2
PROJECT RS-1352(107)				
CONTRACT # 87274				



STRUCTURAL DESIGN
STA. 0+00 TO STA. 216+50
SEC. 03-00104-00-RS

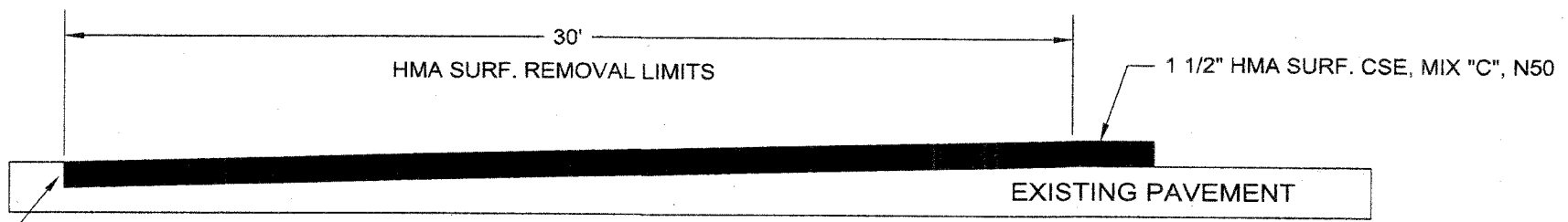
STRUCTURAL DESIGN TRAFFIC YEAR	2017
CURRENT A.D.T.	700
A.D.T. 2017	800
P.C.	704
S.U.	56
M.U.	40
CLASS	III
MINIMUM SOIL SUPPORT IBV	3
TRAFFIC FACTOR	0.216
Dt REQUIRED	3.30

EXISTING BASE:

5.0"+ AGGREGATE BASE	5.0" X 0.06 = 0.30
6.0"+ BIT. STAB. GRANULAR MATERIAL	6.0" X 0.09 = 0.54
2.0"+ BIT. MIXTURE COMPLETE	2.0" X 0.17 = 0.34
3.0"+ BIT. MIXTURE COMPLETE	3.0" X 0.23 = 0.69
SUBTOTAL EXISTING	1.87

PROPOSED:

2.50" HMA BINDER CSE., IL-19.0, N50	2.50" X 0.36 = 0.90
1.50" HMA SURF. CSE., MIX "C", N50	1.50" X 0.36 = 0.54
Dt TOTAL	3.31



BUTT JOINT DETAIL
2 LOCATIONS
STA. 0+00 TO STA. 0+30
STA. 216+20 TO STA. 216+50

BITUMINOUS MIXTURE TABLE		
	HMA BINDER	HMA SURFACE
PG GRADE	PG 58-22	PG 64-22
MAX. % RAP *	25%	15%
DESIGN AIR VOIDS	4.0 % @ N50	4.0 % @ N50
MIX COMPOSITION	IL-19.0	IL 9.5 or IL 12.5
FRICTION AGGREGATE		MIXTURE "C"
DENSITY CONTROL METHOD	CORRELATION	CORRELATION

* IF RAP PERCENTAGE IS DIFFERENT THAN LISTED ABOVE, THE PG GRADE MAY NEED TO BE ADJUSTED. THIS WILL BE DETERMINED BY THE ENGINEER.