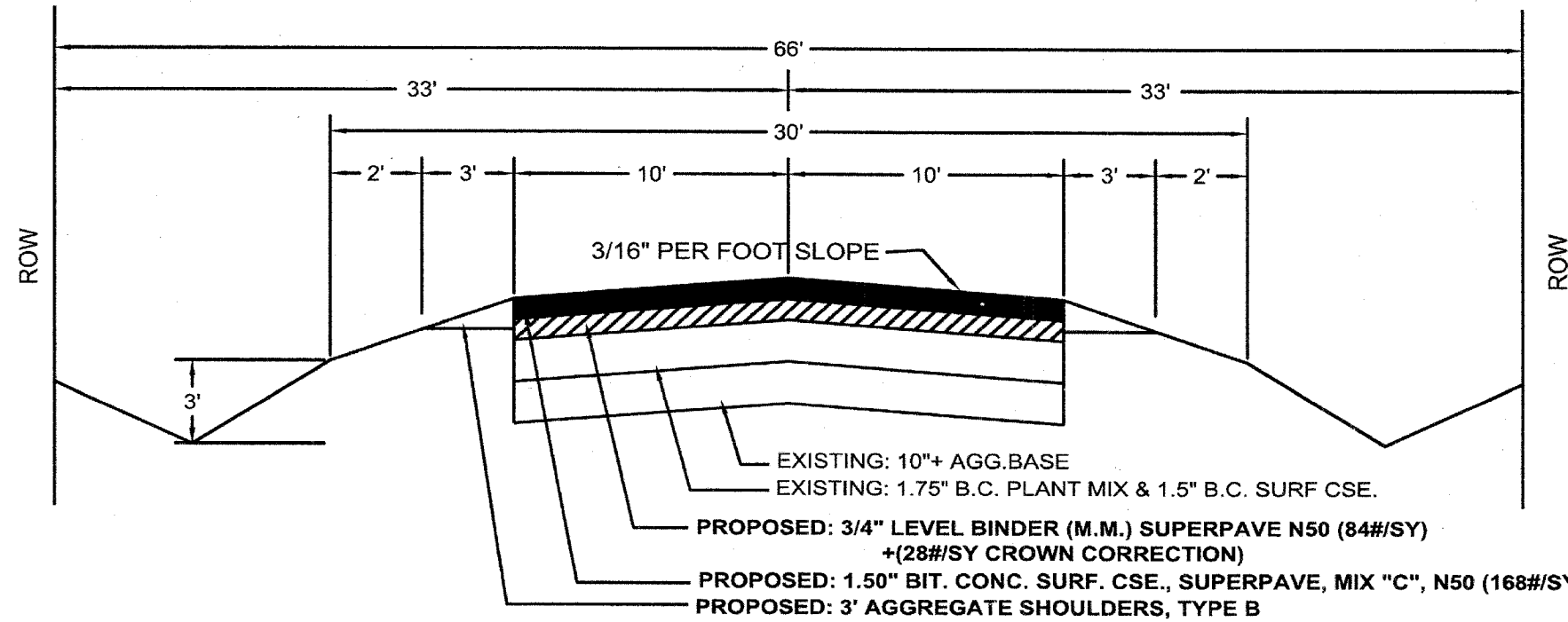


FAS NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	03-00102-00-RS		3	2
PROJECT RS-332(104)				
CONTRACT # 87326				

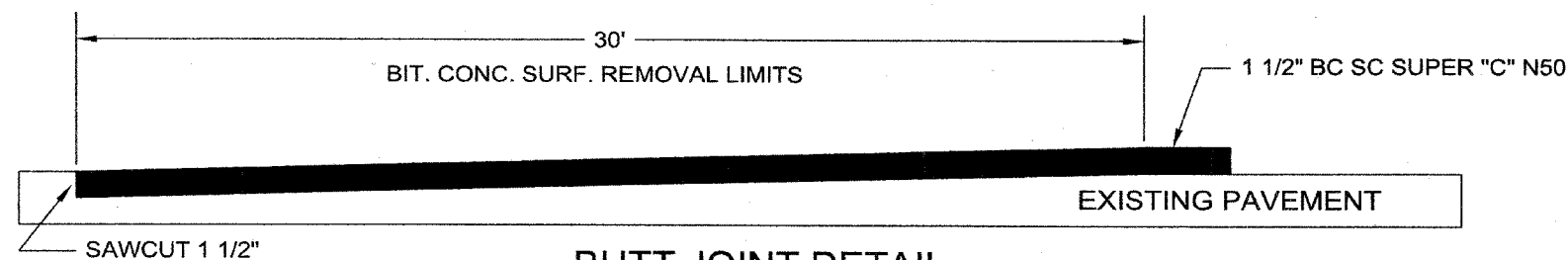
TYPICAL CROSS SECTION  
SECTION 03-00102-00-RS ( PIPER CITY ROAD )  
STATION 0+00 TO 126+10



STRUCTURAL DESIGN  
STA. 0+00 TO STA. 126+10  
SEC. 03-00102-00-RS

STRUCTURAL DESIGN TRAFFIC YEAR	2016
CURRENT A.D.T.	350
A.D.T. 2016	375
P.C.	330
S.U.	34
M.U.	11
CLASS	IV
MINIMUM SOIL SUPPORT IBV	3
TRAFFIC FACTOR	0.013
Dt REQUIRED	2.10

EXISTING BASE:	
10.0'+ AGGREGATE BASE	10.0" X 0.08 = 0.80
1.75' BIT PLANT MIX (AC)	1.75" X 0.17 = 0.30
1.50' BIT. CONC. CL I (POST 1955)	1.50" X 0.30 = 0.45
SUBTOTAL EXISTING	1.55
PROPOSED:	
0.75" LEVEL BINDER, SUPERPAVE N50	0.75" X 0.40 = 0.30
1.50" SURF. CSE., SUPERPAVE "C" N50	1.50" X 0.40 = 0.60
Dt TOTAL	2.45



**BUTT JOINT DETAIL**

2 LOCATIONS  
0+00 TO 0+30  
125+80 TO 126+10

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

\* IF RAP OPTION IS SELECTED, THE ASPHALT CEMENT GRADE MAY NEED TO BE ADJUSTED, THIS WILL BE DETERMINED BY THE ENGINEER.