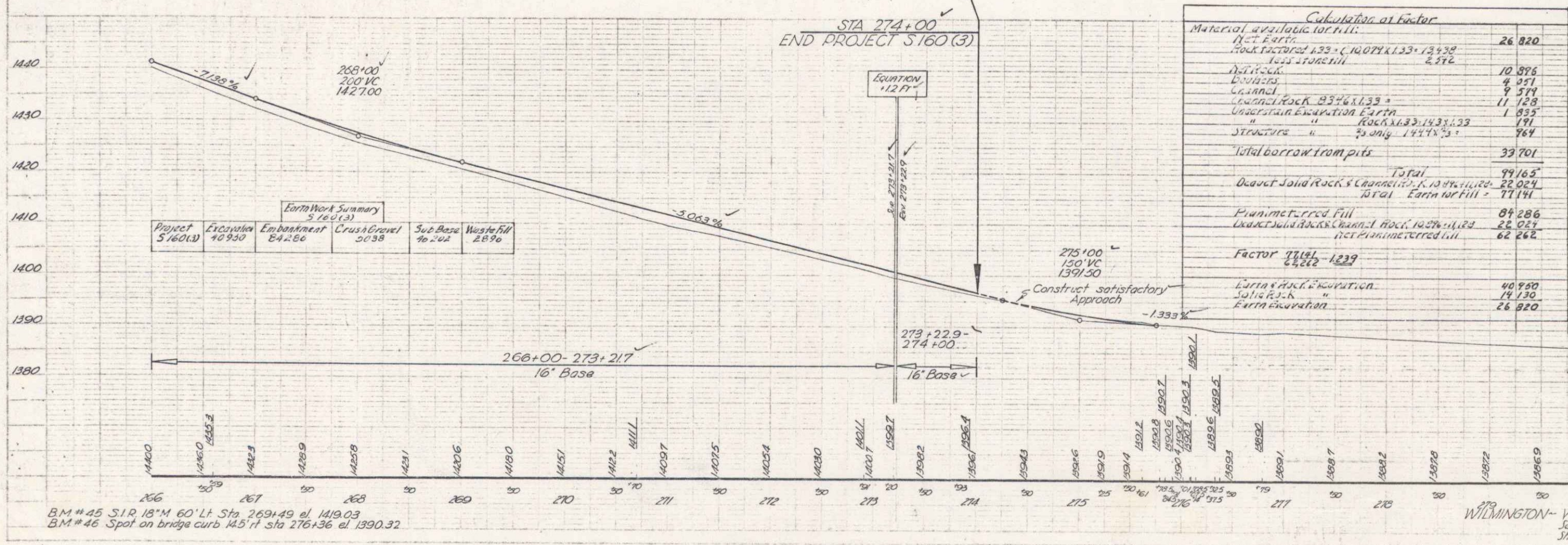
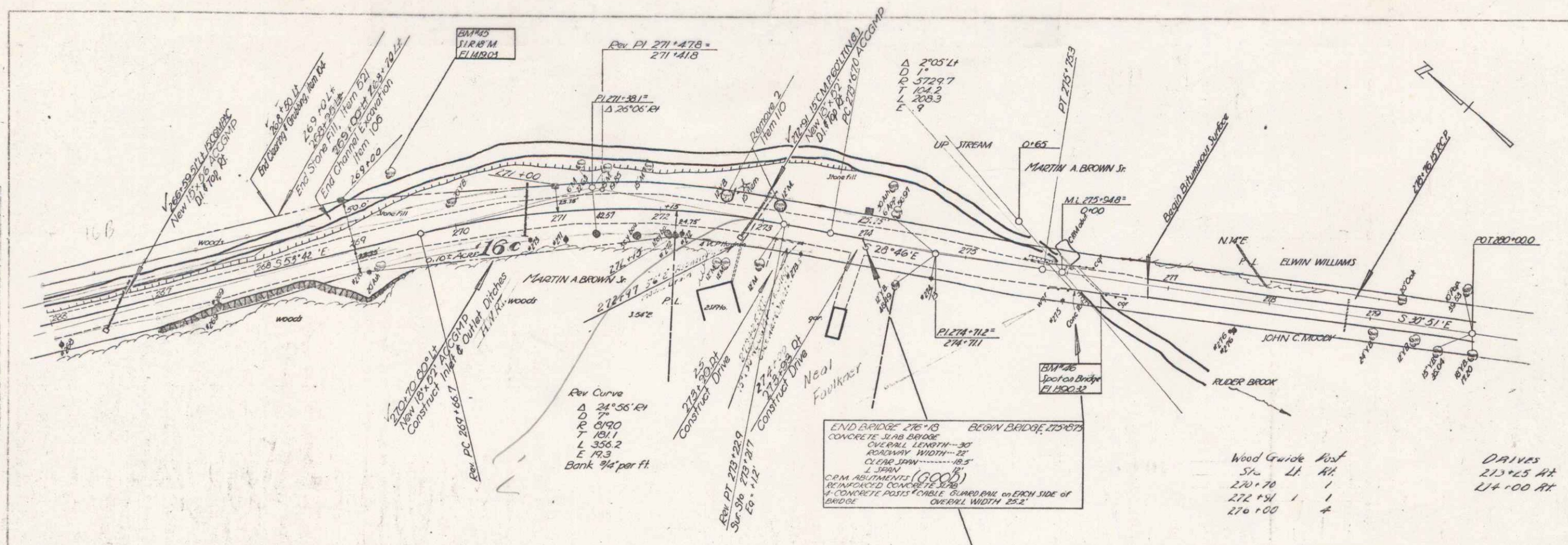


PROJECT  
 5160  
 SHEET NO.  
 21  
 DATE  
 11/1/50  
 DRAWN BY  
 J.L.P.



Earth Work Summary

Project	Excavation	Embankment	Crush Gravel	Sub Base	Waste Fill
5160(3)	10950	54286	2638	2024	2890

Calculation of Factor

Material available for fill:		
11.7.4.1.1		26 820
Rock Factor 1.33 x 14071.133 = 13538		
Less Structure	2276	
Net Rock		10 896
Excavation		4 051
Channel		9 574
Channel Rock 9376 x 1.33 =		11 128
Excavation 14779		1 855
Structure " Rock 1433 x 1.33		191
Structure " 23.019 x 1447 x 1.33		764
Total borrow from pits		33 701
Total		99 165
Excavation & Channel 10950 + 22024 = 22 024		
Total Earth for fill = 77 141		
Factor 77141 / 62262 = 1.239		
Excavation		40 950
Structure		14 130
Excavation		26 820

B.M. #45 S.I.R. 18" x 60" L.F. Sta. 269+49 el. 1419.03  
 B.M. #46 Spot on bridge curb 145' ft sta 276+36 el. 1390.32

WILMINGTON-WHITTINGHAM  
 Series P-16 REC (A)  
 Sheet 41 of 128 sheets