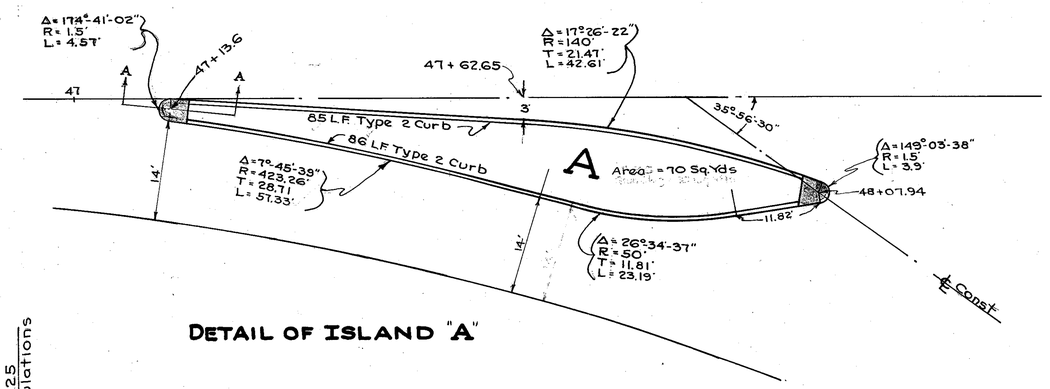
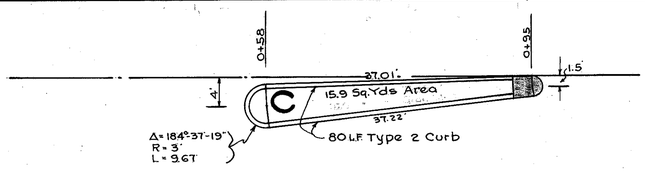
FED. RD. DIST. NO.	STATE	PROJECT	FISCAL YEAR	
10	OHIO		1945	25 / 28

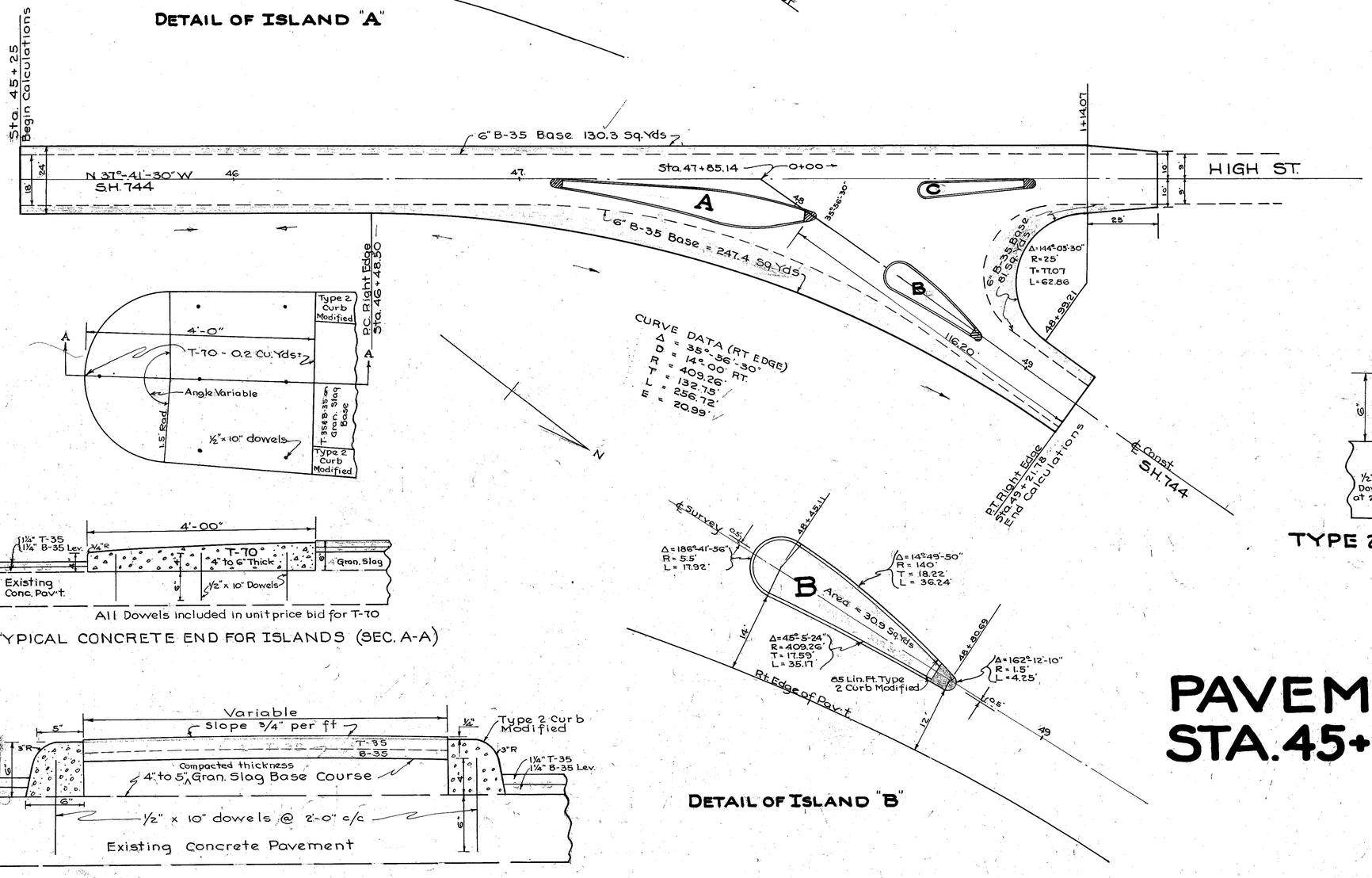
LAKE COUNTY
S.H. 520 SEC. PAINESVILLE (PT)
S.H. 744 SEC. PAINESVILLE (PT)
& FAIRPORT (PT)



DETAIL OF ISLAND "A"



DETAIL OF ISLAND "C"



DETAIL OF ISLAND "B"

TYPICAL CONCRETE END FOR ISLANDS (SEC. A-A)

TYPICAL SECTION THRU ISLANDS

ESTIMATED QUANTITIES

T-35 1¼" Asphaltic Concrete Surface Course

Sta. 45+2.5 to Sta. 47+85.15 = 260.14 L.F.
Sta. 0+00 to Sta. 1+14.07 = 114.07 L.F.
Sta. 48+05.58 to Sta. 49+21.78 = 116.20 L.F.
Total 490.41 L.F.

490.41 x 24	=	11,769.8 Sq. Ft.
N.W. Spandrel Area = 25 x (77.07 - 62.86/2)	=	1141.0 " "
N.E. Spandrel Area = 409.26 x (132.75 - 256.72/2)	=	1796.6 " "
Sta. 1+40.7 to 1+65.7 = 25 x 22' (Ave)	=	550.0 " "
Total Area	=	15,257.4 " "
Deduction for islands - A(743°) + B(333°) + C(192°)	=	-1268.0 " "
13,989.4 ÷ 9 = 1554.4 Sq. Yds + A(70) + B(30.9) + C(15.9) Total	=	13,989.4 " "
	=	1671.2 SQ. YDS

B-35 1¼" Asphaltic Concrete Leveling Course
Same as above — 1671.2 SQ. YDS

B-35 Asphaltic Concrete Base Course
130.3 + 81.+ 247.4 = 458.7 Sq. Yds x 3/36 = 38.2 Cu. Yds

⊛ Granulated Slag Base Course (4" to 5") in Islands
A(70) + B(30.9) + C(15.9) = 116.8 Sq. Yds

⊛ T-10 Concrete for Island Ends
4 Ends @ 0.2 Cu. Yd = 0.8 Cu. Yd.

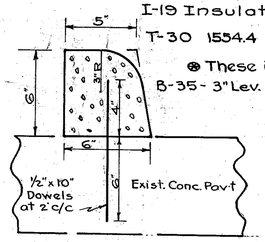
S-23 Dowel Holes = 200 Each

⊛ I-12 Type 2 Curb Modified. A(171) + B(85) + C(80) = 336 Lin. Ft.

I-19 Insulation Course = 458.7 Sq. Yds.
T-30 1554.4 - 458.7 = 1096. Sq. Yds.

⊛ These items carried direct to General Summary

B-35 - 3" Lev. Course (Same as 3" Base Course) 38.2 Cu. Yds.



TYPE 2 CURB MODIFIED

PAVEMENT DETAIL STA. 45+25 TO 49+21.78