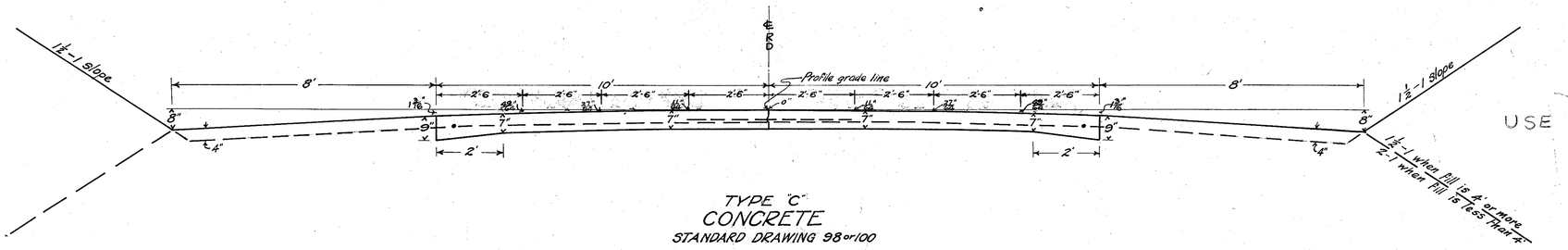
FED. RD. DIST. Nº	STATE	FED. AID PROJECT	FISCAL YEAR
	OHIO		

(2/69)

I.C.H. Nº 563 SEC. C & D.
LAKE COUNTY



TYPE "C"
CONCRETE
STANDARD DRAWING 98 or 100

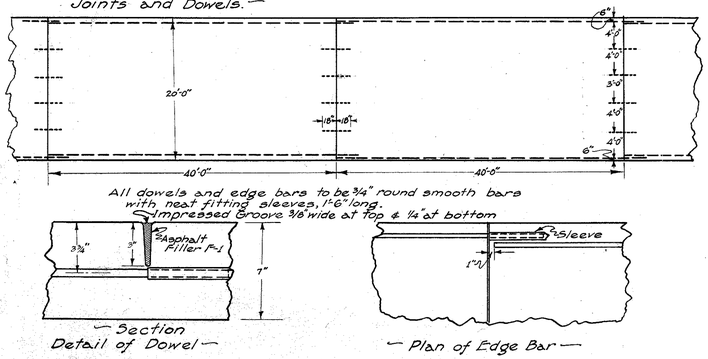
NOTE: If concrete type of pavement is constructed, the edge grades as shown on the schedules of super-elevation and widening shall be adjusted to conform to the $1\frac{3}{16}$" crown.

Note: Cross Sections are drawn and excavation calculated for type C pavement.

For type B pavement raise the grade line	0.13056'
Average depth of type B pavement	0.833'
Average depth of type C pavement	0.598'
Difference in depth	0.235'
Raise grade for type B pavement	0.13056'
Extra depth of trench excavation for type B	0.10444
Increased cut for type B pavement	
20' × 0.10444 =	2.088 sq. Ft.
Decreased cut for type B pavement	
16' × 0.13056 =	2.088 sq. Ft.

Excavation remains the same

— Plan of Spacing of Contraction Joints and Dowels. —



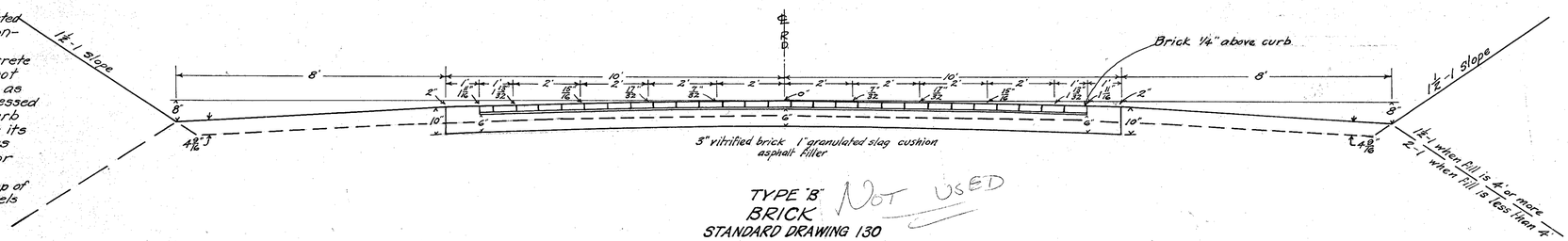
All dowels and edge bars to be ¾" round smooth bars with neat fitting sleeves, 1'-6" long.
Impressed Groove ⅜" wide at top & ¼" at bottom

— Section Detail of Dowel —

— Plan of Edge Bar —

NOTE: Contraction joints shall be constructed in both the concrete pavement and the concrete base for brick pavement.

The contraction joints in the concrete base for brick pavement shall be at 40 foot intervals and shall be of the same type as shown for concrete pavement; the impressed joint to extend entirely through the curb and to a depth of $2\frac{1}{2}$" in the base for its entire width. No continuous edge bars will be required in the concrete base for brick pavement, but six dowels will be required at each joint, $3\frac{1}{4}$" below the top of the base and spaced as shown for dowels and edge bars on plan.



TYPE "B" NOT USED
BRICK
STANDARD DRAWING 130

SCALE IN FEET
0 2 4 6 8 10

Note: 1000 lin. ft. 6" drain tile 30" depth, cinder backfill and 300 lin. ft. 12" Corr. iron pipe (for drives) to be placed as directed by the Engineer.

Note: Rough grading will be completed to the cross section indicated by broken line for both types. All earth below the broken line for the width of pavement and the full width of the berms shall be scarified to the depth of the sub-grade and parallel to the slope of the broken line before any excavated material is placed on the shoulders. The sub-grade shall then be prepared as provided for in the specifications for the type of pavement to be built and the material removed from the subgrade or adjacent thereto be placed on the shoulders.

Note: Pavement on all curves will be super-elevated and on all curves where the degree of curvature is 5° or more will be widened. See tables on alignment sheets.