

TYPICAL SECTION

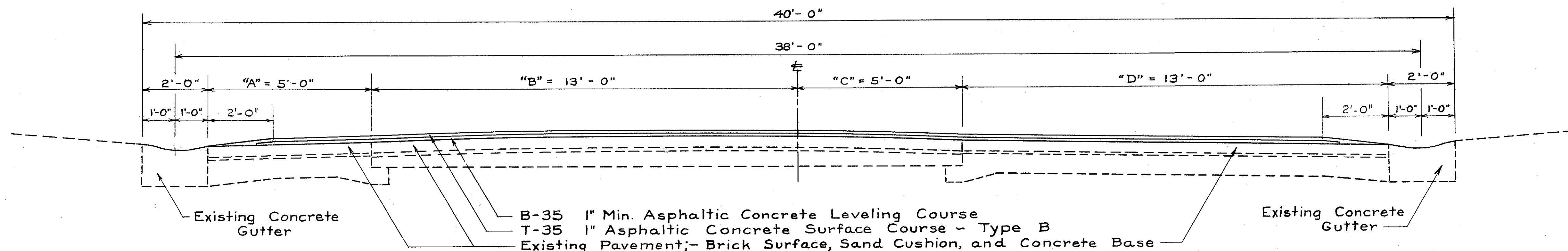
TYPE T-35

SCALE - 1/2" = 1'

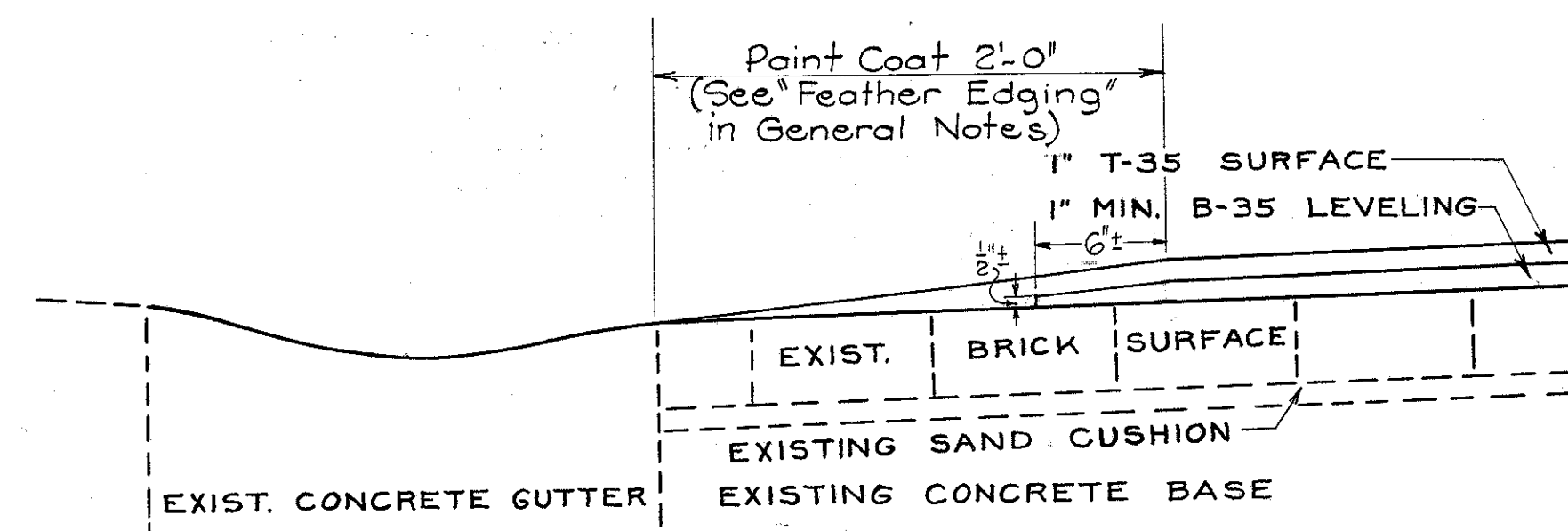
FED. RD. DIST. NO.	STATE	PROJECT	FISCAL YEAR
10	OHIO		1942

2
4

LAKE COUNTY
S. H. 2 - SECTIONS
WILLOUGHBY (PT.), H-2
AND MENTOR (PT.)



STANDARD GUTTER DETAIL



STA. 1+44 TO STA. 129+77.4

TYPICAL SECTION

STA. 129+77.4 TO STA. 159+00

SIMILAR TO ABOVE EXCEPT DIMENSIONS AS FOLLOWS-

"A" = 4'-0", "B" = 14'-0", "C" = 6'-0", "D" = 12'-0"

GENERAL SUMMARY

ITEM	DESCRIPTION	TOTAL	UNIT
I-8	Manhole Castings Reset	3	Each
I-8	Monument Boxes Reset	5	Each
E-8	Removal and Disposal of Existing Bituminous Wearing Course	25	Sq. Yds.
T-35	Asphaltic Concrete Surface Course Type B	1728	Cu. Yds.
B-35	Asphaltic Concrete Leveling Course	2457	Cu. Yds.

GENERAL NOTES

TRAFFIC

Traffic shall be maintained at all times to the satisfaction of the Director. The item of "Maintaining Traffic" shall include furnishing lights, signs, barricades and watchmen necessary to secure the unimpeded flow of traffic twenty four hours daily.

PROFILE

The profile of the proposed surface course shall be approximately two inches above that of the existing pavement.

FEATHER EDGING

Before placing the asphaltic concrete a paint coat of bituminous material meeting the requirements of Sec. M-5.1 shall be applied to the area of existing pavement under the area to be feather edged. Payment for this paint coat is to be included in the unit price bid for item T-35.

PUBLIC UTILITY MANHOLES

Ohio Bell Telephone Company manholes in the existing pavement are to be reset to grade by The Ohio Bell Telephone Company.

SEALING EXISTING EDGES

Vertical faces of existing work, such as pavements, castings, curbs etc., against which the new bituminous concrete mixture is to be placed, shall be painted or sealed with the same bituminous material as used in the mixture which shall be applied at a temperature between 300 deg. F. and 350 deg. F., before placing the mixture. The cost of such operations and material shall be included in the price bid for surface course.

CALCULATIONS

T-35 1" Surface Course

Sta. 1+44 to Sta. 159+00 = 15756 Lin. Ft.
 $36 \times 15756 \div 9 = 63024.0$ Sq. Yds.
 Extra Area (Sheets 3&4) = 106.0
 63130.0
 Deduct Area (Sheet No. 3) = 82.0
 Total = 63048.0 Sq. Yds.

$63048 \div 36 = 1751.33$ Cu. Yds.
 Deduct for Featheredging $(15756 \times 1 \times 0.4) \div 27 = 23.33$ " "
 Net Total T-35 = 1728.00 " "

B-35 1" Min. Leveling Course

$32 \times 15756 \div 9 = 56021.3$ Sq. Yds.
 Extra Area (Sheets 3&4) = 106.0
 56127.3
 Deduct Area (Sheet No. 3) = 82.0
 Total = 56045.3 Sq. Yds.

$56045.3 \div 36 = 1556.8$ Cu. Yds.
 300×3.0 (Miles) = 900.0
 Total B-35 = 2456.8 Cu. Yds.

I-8 Manhole Castings Reset = 3 Each

I-8 Monument Boxes Reset = 5 Each

E-8 Removal and Disposal of Exist. Bit. Wearing Course = 25 Sq. Yds
 (As directed by the engineer)