FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR
10	OHIO		1931

S.H. 130 SEC. E-2
ALLEN COUNTY

1/2

STATE OF OHIO
DEPARTMENT OF HIGHWAYS

LIMA-BELLEFONTAINE ROAD

S.H. 130 SEC. E-2

ALLEN COUNTY

PERRY & AUGLAIZE TOWNSHIPS 1931

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CONVENTIONAL SIGNS

TOWNSHIP LINE
SECTION LINE
CORPORATION LINE
R.R. OR ELECT. LINE

LOCATION PLAN

0 1/2 1 2 3 4
Scale of Miles

PORTION TO BE IMPROVED
HAUL ROAD SHOWN THUS
DETOURS SHOWN THUS

The Standard Specifications of The State of Ohio, Department of Highways in force on date of contract will govern this improvement.

I hereby approve these plans and declare that the making of this improvement will require the closing to traffic of the highway and that detours will be provided as shown on the plan and estimate.

Approved _____
Date _____ Resident District Deputy Director.

Approved Chas. Ash
Date 5/29/31 Resident Division Deputy Director.

Approved Elmer Hilty
Date 5/29/31 Chief Engineer, Bureau of Constr.

Approved B. L. Snyder
Date 5-29-31 Chief Engineer, Bureau of M. & R.

Approved H. P. Chapman
Date 5-29-31 Chief Engineer & Asst. Director.

Approved Ow Merrell
Date 5-29-31 Director of Highways.

Approved _____
Date _____ Dist. Eng. Bureau of Public Roads.

Recommended for Approval _____
Date _____ Chief Eng. Bureau of Public Roads.

Approved _____
Date _____ Chief of Bureau.

To be let to the same contractor as E-1.

(112) Allen-130-E-2

1931 Contract No. 4795
Letting Date 6-19-31

FED. RD. DIST. NO	STATE	FED. AID PROJ. NO.	FISCAL YEAR
10	OHIO		1931

2/2

S. H. 130 SEC. E-2
ALLEN COUNTY

TYPICAL SECTION

ALTERNATE No. 1

Length = 2.4 Mile = 12672 Ft.

Note:- The contractor shall finish the entire grading and widening on one side of the project before starting the excavation and widening of the other side. He shall begin widening on the opposite side at the same end at which he originally started his work. He shall at all times protect and be responsible for all widening work in place. The road shall be kept open to traffic at all times except when surface course is being applied and watchman shall be maintained by the contractor 24 hours per day to direct and maintain traffic.

ALTERNATE NO. 2

SUMMARY OF QUANTITIES

R-1	1800	Cu. Yds. Excavation
B-2	5632	Sq. Yds. 2'x10" Water Bound Mac. Widening.
T-16	5632	Sq. Yds. C.T.-(Sec. 5.14) 0.25 gal. per sq. yd. prime.
Special	16896	Sq. Yds. Paint Prime on present Rock Asphalt.
T-12	1200	Tons Rock Asphalt in place as shown.
R-4	1000	Cu. Yds. Borrow (Contractor to furnish.)
	350	Tons No. 34X Stone for filler course.
	8400	Gal. T-1, A-1 or A-E for filler course. Applied penetration method.
	1	Gal. Bituminous Material in place. To establish unit price.
	1	Ton #34X Aggregate Sec. 3.1, 3.2 or 3.5 Established unit price.

ALTERNATE NO. 2

R-1	1800	Cu. Yds. Exc.
R-4	1000	Cu. Yds. Borrow (Contractor to furnish)
B-5	5632	Sq. Yds 2'x 9"- Concrete widening.
Spl.	20416	Sq. Yds. paint prime on present Rock Asphalt & Conc Widening.
T-12	1140	Tons Rock Asphalt in place.
	350	Tons No. 34X Stone in filler course.
	8400	Gal. T-1, A-1, or A.E. for filler course-applied penetration method.
I-6	25344	Lin. ft. 1"x9" Concrete curb.
	1	Gal. Bit. Mat'l. in place, to establish. unit price.
	1	Ton #34x aggregate, Sec. 3.1, 3.2, or 3.5 to establish unit price.

Point Coat:
When a point coat is specified it shall consist of a thin application of asphaltic cement paint, consisting of asphalt cement of from 30 to 60 penetration, mixed or thinned with from 40 to 60% by volume of gasoline, benzine or naptha, to the consistency of thin paint and applied with a stiff brush, broom or by spraying. Emulsied asphalt or approved mixed paint may be used by special permission of the Eng. The base course must be clean and dry and the paint coat shall be applied in a uniform manner to all surfaces which the rock asphalt is to abut; care being exercised that no pools will be formed. The painting shall be done sufficiently in advance of laying the rock asphalt to allow the paint to become partly dry and sticky immediately before the rock asphalt is placed thereon. After the paint coat has been applied it shall be kept free from all foreign matter.

Note:- Method of payment and measurement for filler course shall be actual tonnage of stone and gallonage of Bit. Material applied.

High places in old macadam pavement to be scarified down to proper depth and reshaped before applying retread filler course. (Included in excavation)

Excavation is to be used to raise the berms on superelevated curves and any excess excavation shall be placed on the berms in a neat and uniform manner as directed by the Engineer.

The roadway shall be left in as neat a condition as previous to the starting of this work, subject to the approval of the Div. Eng.

An approved template and straight edge shall be used in bringing the level up course to the required grade.

The roller used on B-2, T-3 and T-12 must be approved by the Div. Eng. and must weigh not less than 10 tons.

If, in the course of this improvement, any change in the items of the estimate is suggested by a particular condition, it must not be made except upon written approval of the Div. Eng., Asst. Div. Eng. or the Eng. in charge of construction on contract.

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