FED. AID DIST. NO.	STATE	FED. AID PROJ. No.	FISCAL YEAR
10	OHIO	397-D	1931

4/46

S.H. 360 SEC. "D"
HOCKING COUNTY
PROPOSAL No. 1 & 2.

(5) Sta 30+65 Build new 5'x3'x69' standard concrete box culvert.

Hocking River

OLD ROAD

Howard Morgon Mary L. Wright

Sta. 42+56 Build field approach on both sides. 14' Roadway. 75 Cu. yds. Emb. req'd. 40' of 18" V.S.P. not encased.

Sta. 37+00 Build field approach on both sides. 14' Roadway. 78 Cu. yds. Emb. req'd. 40' of 18" V.S.P. not encased.

Howard Morgon Mary L. Wright

Sta. 31+00 ℄ Field Approach

℄ 42+74.0

Sta. 42+74 to 45+50
20 Trees to be removed

P.I. 43+25.88
Δ = 36° 45' R
D = 2°
T = 951.73
L = 1837.50
R = 2864.79

Sta. 24+52 to 35+00 on right
1048 Lin. ft Type "D" Guard rail to be rebuilt.
See guard rail note sheet No. 3

P.C. 33+74.15

CURVE TABLES ON SHEET # 7

ELEVATIONS REFER TO U.S.G.S. DATUM.

Sta. 59+28 to 61+20 on left
192 Lin. ft Type "D" Guard rail to be rebuilt.
See Guard rail note sheet No. 3.

Sta. 59+75 Remove existing 30' concrete Arch Bridge to elevation 730.0
Material to be disposed of as directed by the engineer.
No Detour Bridge Required.

P.I. 59+48.7
25.78
28.18
R.R. Spike in 10" Willow
R.R. Spike in Twin Sycamore.

Howard Morgon L.A. Ruble

℄ 57+57

Borr

Sta. 58+48 to 61+20 on right
272 Lin. ft Type "D" Guard rail to be built new.

Fox Pens

Filling Station

P.C. 56+30.62

Benjamin F. Carpenter L.A. Ruble

P.I. 59+48.7
Δ = 31° 01' L
D = 5°
T = 318.08
L = 620.33
R = 1145.92

P.T. 62+50.95

Hocking River

Rock Cliff

44 Trees to be removed.

N 36° 15' W.

Howard Morgon L.A. Ruble

℄ 53+57

P.T. 54+11.65

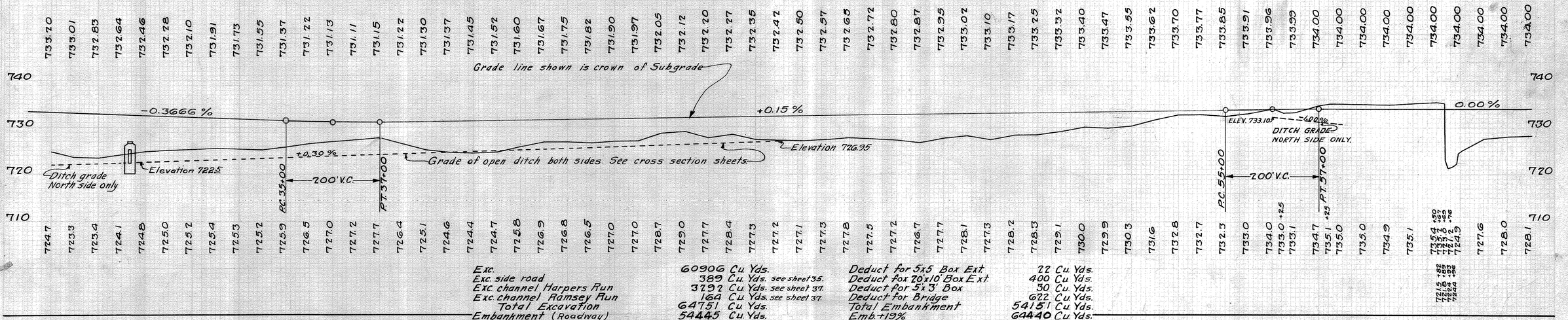
Benjamin F. Carpenter L.A. Ruble

HARPERS RUN

TUNNEL CHANGE

B.M. X on hub guard S.W. Cor. Harper Run Bridge. Elevation 735.07

P.I. 734.00



Exc.	60906	Cu. Yds.
Exc. side road	389	Cu. Yds. see sheet 35.
Exc. channel Harpers Run	3392	Cu. Yds. see sheet 37.
Exc. channel Ramsey Run	164	Cu. Yds. see sheet 37.
Total Excavation	64751	Cu. Yds.
Embankment (Roadway)	54445	Cu. Yds.
Emb. side road	327	Cu. Yds. see sheet 35.
Add field approach	278	Cu. Yds. see sheet 445.
Add fill old channel Harpers Run	115	Cu. Yds. see sheet 5.

Deduct for 5'x5' Box Ext	72	Cu. Yds.
Deduct for 20'x10' Box Ext	400	Cu. Yds.
Deduct for 5'x3' Box	30	Cu. Yds.
Deduct for Bridge	672	Cu. Yds.
Total Embankment	54151	Cu. Yds.
Emb. +19%	64440	Cu. Yds.
Waste	311	Cu. Yds.

Note:- 159 Cu. Yds. of this waste to be used to balance borrow in Logan section, Proposal #3.