

# 0045

FOR ANY QUESTIONS PLEASE CONTACT ODOT DIST. 2 REAL ESTATE AT 419-353-8131

FED. RD. DIST. NO.	STATE	FED. AID PROJECT	FISCAL YEAR
10	OHIO		1934

HENRY COUNTY  
S.H. 317 SEC. C (BRIDGES)  
BR - 0142 & 0168

# STATE OF OHIO DEPARTMENT OF HIGHWAYS BUREAU OF CONSTRUCTION

## BRIDGES NO. HE-109-14 & HE-109-17

### S.H. NO. 317 SEC. C-BRIDGES

## HENRY COUNTY

### MARION TOWNSHIP

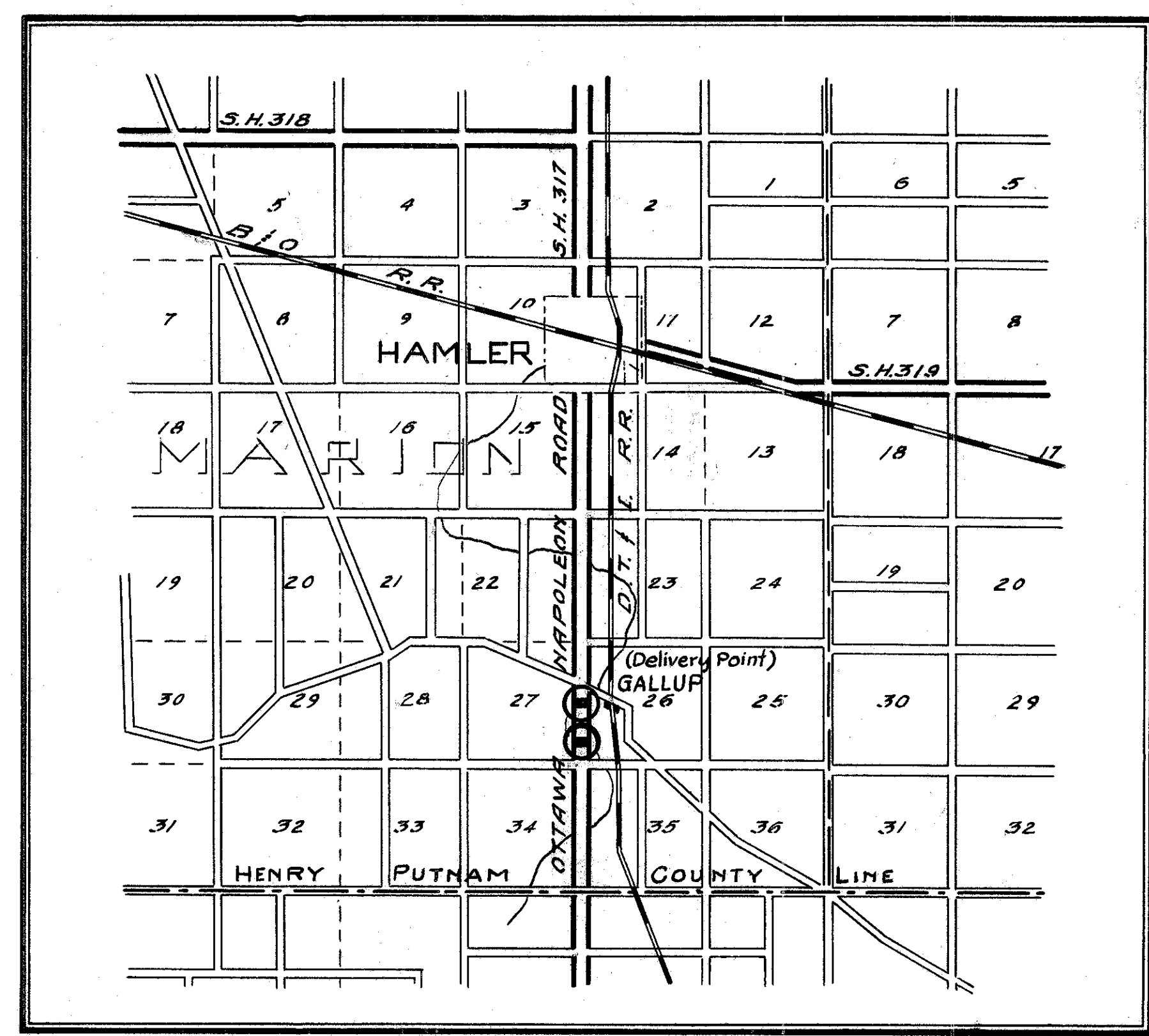
NET LENGTH OF PROJECT 1000.00 LIN. FT.

**CONVENTIONAL SIGNS**

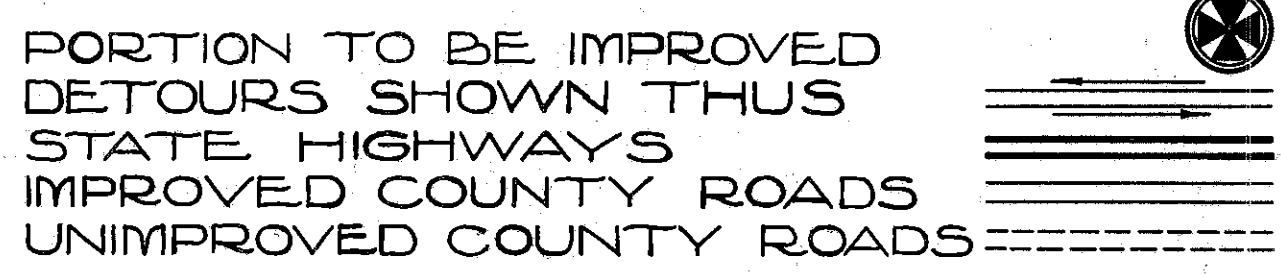
STATE LINE	=====
COUNTY LINE	=====
TOWNSHIP LINE	-----
SECTION LINE	-----
CENTER LINE	-----
PROPERTY LINE	-----
CITY OR VILLAGE LINE	-----
FENCE LINE	-x-x-x-
STEAM RAILROAD	====+====
ELECTRIC RAILROAD	---+---
POLE LINE	o-o-o-o
GUARD RAIL	o-o-o-o
DRAIN PIPE, NEW	-----
DRAIN PIPE, OLD	-----

**INDEX OF SHEETS**

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**LOCATION PLAN**



**SCALES**

PLAN	1" = 100'
PROFILE - VERTICAL	1" = 10'
PROFILE - HORIZONTAL	1" = 100'
CROSS SECTIONS	1" = 5'

SUPPLEMENTAL PRINTS OF STANDARD CONSTRUCTION DRAWINGS  
I-8 CBI-2 ; I-1,2,3,4, & 5 ; 5B-33 ; RR-A.

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

I hereby approve these plans and declare that the making of this improvement will not require the closing to traffic of the bridge and that run-around bridges will be provided as shown on the plans and estimates, and the necessary R/W has been provided.

Approved Bert Beucher P.E. #91  
Date 6-15-34 Resident District Deputy Director

Approved Richard Dietz  
Date 6-20-34 Resident Division Deputy Director.

Approved \_\_\_\_\_  
Date \_\_\_\_\_ Chief Engineer, Bureau of Maintenance.

Approved J.P. Burkey P.E. #45  
Date 7-17-34 Chief Engineer, Bureau of Bridges.

Approved Edmund Hill  
Date 7-23-34 Chief Engineer, Bureau of Construction.

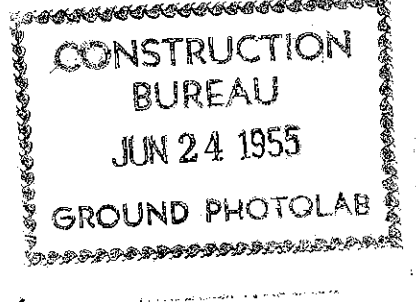
Approved A.P. Chapman  
Date 7-23-34 First Asst. Director and Chief Engineer.

Approved O.W. Minell  
Date 7-23-34 Director of Highways

Recommended for Approval \_\_\_\_\_  
Date \_\_\_\_\_ District Engineer, Bureau of Public Roads.

Recommended for Approval \_\_\_\_\_  
Date \_\_\_\_\_ Chief Engineer, Bureau of Public Roads.

Approved \_\_\_\_\_  
Date \_\_\_\_\_ Chief of Bureau.



CHECKING RECORD		
OFFICE	BY	DATE
RESIDENT	<u>R.A. Skell</u>	<u>6-14-34</u>
DIVISION	<u>A.H. Terry</u>	<u>6-22-34</u>
BUREAU OF MAINTENANCE		
BUREAU OF BRIDGES	<u>M.A.C.</u>	<u>7-17-34</u>
BUREAU OF CONSTRUCTION	<u>M.C.H.</u>	<u>7-23-34</u>
BUREAU OF PUBLIC ROADS		

RECEIVED	
BY	DATE
<u>M. Carroll</u>	<u>7-23-34</u>
Clerk of Sales	

APPROVED	
BY	DATE
<u>B.P. ...</u>	<u>6-16-34</u>
Planning Engineer	
Remarks: <u>HE-109-14, HE-109-17</u>	

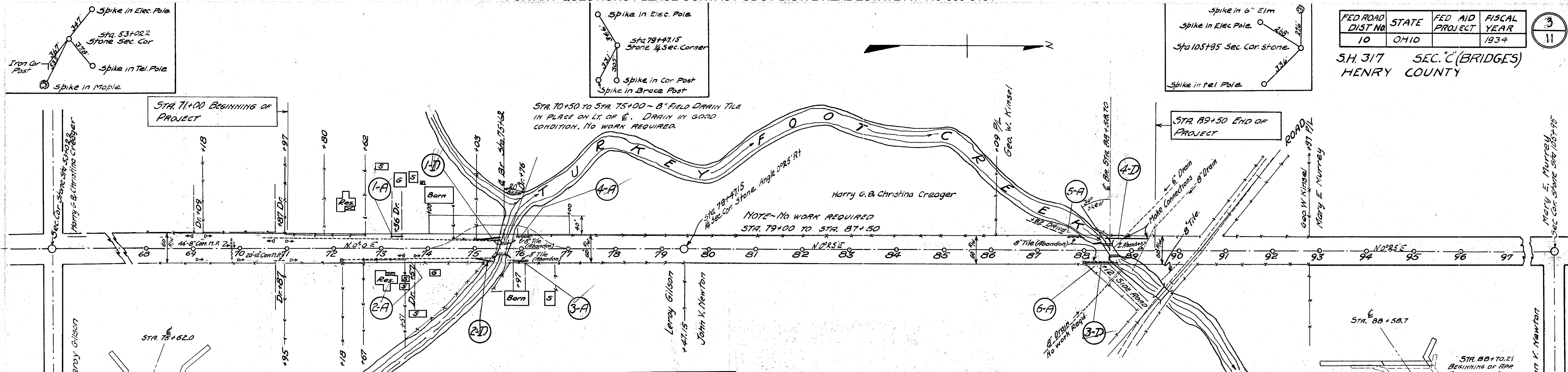
FILE NO. HENRY COUNTY  
S.H. 317 SEC. C (BRIDGES)  
1934



FED ROAD DIST NO	STATE	FED AID PROJECT	FISCAL YEAR
10	OHIO		1934

S.H. 317 SEC. "C" (BRIDGES)  
HENRY COUNTY

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**TRAFFIC BOUND SIDE APPROACHES "A"**

REF. NO.	STATION	RT. OR LT.	12" CORR. M.P. LIN. FT.	AGGREGATE CU. YDS.	REMARKS
1-A	73+36	LT.	24	4	DRIVE MAIL BOX APPR.
2-A	73+57	RT.	30	4	DRIVE MAIL BOX APPR.
3-A	75+97	RT.	30	3	DRIVE
4-A	76+04	LT.	30	3	DRIVE
5-A	87+82	LT.	30	3	DRIVE
6-A	88+12	RT.	30	5	SIDE ROAD APPR.
<b>TOTAL</b>			<b>114</b>	<b>22</b>	

**ROADWAY DRAINAGE "D"**

REF. NO.	STATION		RT. OR LT.	8" DRAIN TILE SEC. M. - G.T. (6) LIN. FT.	CORR. M.P. SEC. M. - G.T. LIN. FT.		12" R.C.P. SEC. M. - G.T. (6) LIN. FT.	STA. NO. 1-2 CATCH BASIN EACH	REMARKS
	FROM	TO			10" 18"	10"			
1-D	75+00	OUTLET AT STREAM	LT.	54	10				CORR. M.P. AT OUTLET END
2-D	75+00	OUTLET AT STREAM	RT.	32	10				CORR. M.P. AT OUTLET END
3-D	87+99	OUTLET AT STREAM	RT.				60	1	C.B. STA. 88+00. CORR. M.P. AT OUTLET
4-D	88+46	89+40	LT.	74	20				CORR. M.P. AT OUTLET. CATCH BASIN 8" & 8" DRAINING
<b>TOTAL</b>				<b>160</b>	<b>40</b>	<b>10</b>	<b>60</b>	<b>1</b>	

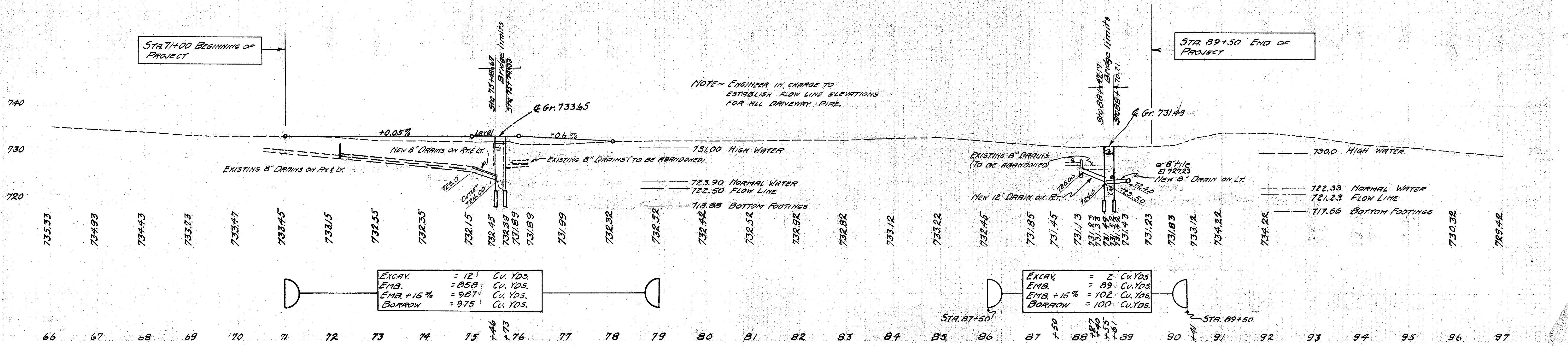
**PROPOSED STRUCTURE**  
TYPE: CONCRETE SLAB  
SPAN: 22' ROADWAY: 24'  
SKEW: 20° L.F.  
APPROACH SLABS: NONE  
WEARING SURFACE: 4" CONC.

**DATA ON EXISTING STRUCTURE to be removed**  
SPAN: 21.6' ROADWAY: 17'  
SKEW: 15° L.F.  
CONDITION: POOR  
BR. NO. HE-109-14

**PROPOSED STRUCTURE**  
TYPE: WIDENING EXISTING CONC. & STEEL BEAM  
SPAN: 19.4' CLEAR BRIDGE WITH CONC. SLAB EXTEN.  
SKEW: 34° R.F.  
WEAR. SURF: MONOLITHIC WITH SLAB  
APPROACH SLABS: NONE

**DATA ON EXISTING STRUCTURE**  
SPAN: 19.4' ROADWAY 13'  
SKEW: 34° R.F.  
CONDITION: SUITABLE FOR EXT.  
BR. NO. HE-109-17

B.M. Sta. 77+24  
Spike in tel. Pole 29' ft of E.  
Elev. 732.94



EXCAV.	= 12	CU. YDS.
EMB.	= 858	CU. YDS.
EMB. + 15%	= 987	CU. YDS.
BORROW	= 975	CU. YDS.

EXCAV.	= 2	CU. YDS.
EMB.	= 89	CU. YDS.
EMB. + 15%	= 102	CU. YDS.
BORROW	= 100	CU. YDS.

NOTE - ENGINEER IN CHARGE TO ESTABLISH FLOW LINE ELEVATIONS FOR ALL DRAINWAY PIPE.