OHIO-DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
BUREAU OF BRIDGES

CONCRETE AND STONE MASONRY BRIDGES

DATE 1-3-89

O-BR. 140053

TYPE OF BRIDGE 23) Prestressed Conc. Box Beam | NO. OF SPANS 1 | DATE BUILT 8800

APPROX. SAFE LOAD CAPACITY HS 20-44 Alt. Military Loading | 4601858

CLEAR SPAN	LENGTH OUT TO OUT OF FLOOR	WIDTH BETWEEN CURBS	WIDTH OUT TO OUT	WIDTH OF SIDEWALKS	HEIGHT OF FLOOR ABOVE BRIDGE SEAT	ROADWAY CLEARANCE MAX. HEIGHT / WIDTH / MIN. HEIGHT	PROVISION FOR EXPANSION
75'-0"	79.07'	44'-0"	44'-0"	—	2.75'	OPEN	Elastomeric

TYPE OF RAILING DBR-2-73 | TYPE AND SIZE OF CURB

TYPE AND THICKNESS OF WEARING SURFACE 2 1/2" AC on Type D Waterproofing = 369 S.Y.

DESCRIPTION OF FLOOR DRAINAGE Over side - Steel Drip Strip =

ALIGNMENT AND SKEW OF STRUCTURE Tan. 15° LF | APPROACH SLABS AS-1-81 | LENGTH 20'

LIGHTING SYSTEM

STREAM N. Fk. of Gr. Miami River | HEIGHT FROM GRADE TO STREAM BED 13.66' | HEIGHT FROM GRADE TO HIGH WATER Normal = 9.86'

CHANNEL CHARACTERISTICS — APPROX. WIDTH BETWEEN BANKS | CHANNEL DEPTH | NATURE OF BOTTOM | 25 yr. = 4.16'

CONDITION OF BANKS | ALIGNMENT OF STREAM ABOVE AND BELOW STRUCTURE | 100 yr. = 3.16'

SKEW OF NORMAL FLOW | SKEW OF FLOOD FLOW

CONCRETE SLAB

STD. DRAWING NO.

THICKNESS OF SLAB

CONCRETE BEAM

STD. DRAWING NO. PSBD-1-81 9-18-81

NO. OF BEAMS	SPACING OF BEAMS	WIDTH OF BEAMS	HEIGHT OF BEAM INCLUDING SLAB	THICKNESS OF SLAB
11	adjacent	4'-0"	33"	—

CONCRETE GIRDER

STD. DRAWING NO.

WIDTH OF GIRDER	DEPTH OF GIRDER AT CENTER	DEPTH OF GIRDER AT ENDS	FLOOR BEAMS SIZE	FLOOR BEAMS SPACING	THICKNESS OF FLOOR SLAB

ARCHES

STD. DRAWING NO.

MATERIAL | TYPE | SHAPE

TYPE OF RAIL OR PARAPET

CLEAR SPAN	RISE	CROWN THICKNESS	SPRING THICKNESS	FILLING MATERIAL	DEPTH OF FILL AT CROWN	HEIGHT OF PARAPET ABOVE GRADE

SUB-STRUCTURE

STD. DRAWING NO.

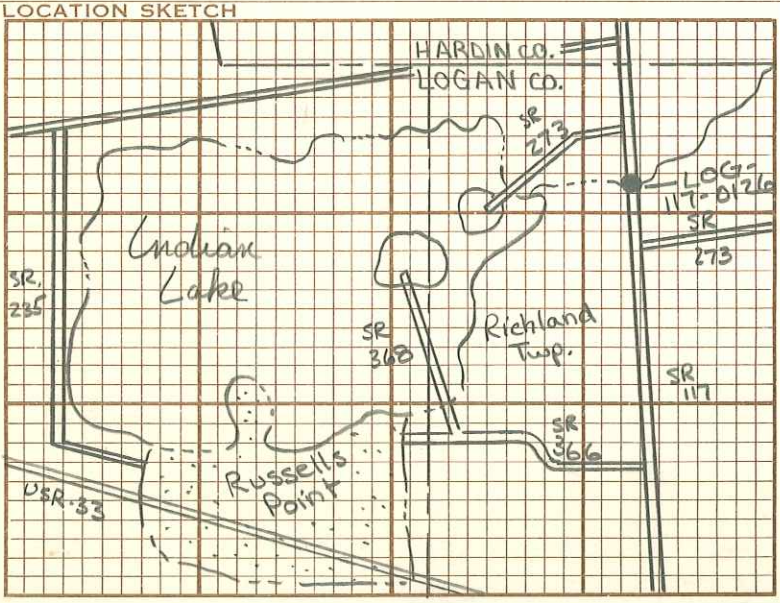
ABUTMENTS AND PIERS	MATERIAL	TYPE	HEIGHT FOOTER TO BRIDGE SEAT	WIDTH OF BRIDGE SEAT	LENGTH OF BRIDGE SEAT	FOUNDATIONS (PILING)	WINGS (LENGTHS, ANGLES, ETC.)
REAR	Concrete	Stub-capped		2'-0"	46.16'	8-12"CIP - 30'	8'-4"@ 345° ; 7'-4"@ 15°
FORWARD	Concrete	"		2'-0"	46.16'	8-12"CIP - 40'	8'-4"@ 345° ; 7'-4"@ 15°
PIER							
PIER							

BRIDGE NO.	COUNTY	ROUTE NO.	S.H. NO.	SECTION	STRENGTH H10- / H12 / H15 / H20	ROADWAY 15-18 / 19-22 / 23+	CLEARANCE 12— / 12-14 / 14+ / OPEN	TYPE A / B / G / S / T
01.26	LOGAN	117	02.03	00.00	X	X	—	X

01.26	LOGAN	117		00.00	H10-	H12	H15	X H20	15-18	19-22	X 23 +	12-	12-14	X 14 +	OPEN	X A	B	G	S	T
BRIDGE NO.	COUNTY	ROUTE NO.	S. H. NO.	SECTION	STRENGTH				ROADWAY			CLEARANCE				TYPE				

SKETCH OF STRUCTURE SHOWING DIMENSIONS

LOCATION SKETCH



REMARKS:-

Proj = 453-88 BRS-632(3)
Replaces = Rein. Conc. Thru Girder
4601831

LOG-117-0000
LOG-117-0126
Station 66+38.74 to 67+17.81
12-6-88 Opened

PVI Sta. 66+00 elev. 1006.31
200' Vertical curve
+0.81 % , -0.18%

Drainage Data = 20.2 Sq. Mi.
Q_{25} = 1709 cfs
Q_{100} = 2332 cfs

4601858