STATE OF OHIO - DEPT. OF HIGHWAYS
BUREAU OF BRIDGES

STEEL BEAM AND GIRDER BRIDGES

DATE 2-6-62

OHIO-BR. ACME 14799-B

TYPE OF BRIDGE: Cont. Stl. Bm. | NO. OF SPANS: 4 | ENCASED OR GUNITED | DATE BUILT: 1958

APPROX. SAFE LOAD CAPACITY - OF STRUCTURE: CF=400 (51) | OF FLOOR SYSTEM

CLEAR SPAN	LENGTH OUT TO OUT OF FLOOR	WIDTH BETWEEN CURBS ~~OR FELLOE GUARDS~~	WIDTH OUT TO OUT OF SUPERSTRUCTURE	WIDTH OF SIDEWALKS	HEIGHT OF FLOOR ABOVE BRIDGE SEAT	PROVISION FOR EXPANSION: ROLLER NEST / ROCKERS / SLIDING
2@53.5' 2@67.0'	254.5'	56'-0" (incls. 3' med.)	62'-9"	REMOVED (88) ~~2@2'-0"~~	4'-6¾"	✓

TYPE AND SIZE OF RAILING OR HUB GUARD: BR-1 (5-29-79) (88) | TYPE AND SIZE OF CURB OR FELLOE GUARD: ~~10" high with 3" slope~~ REMOVED (88)

DESCRIPTION OF FLOOR DRAINAGE: ~~Bulb L 5x3½x⅜ with~~ 10 steel scuppers in each gutter

ALIGNMENT AND SKEW OF STRUCTURE: Tan. 0° | APPROACH SLABS: 2@AS-1-87

~~STREAM~~ over ~~U.S. 40~~ I-70 | HEIGHT FROM GRADE TO STREAM BED: ± Gr. 902.4 | LENGTH: 25' NEW (88) | HEIGHT FROM GRADE TO HIGH WATER: —

CHANNEL CHARACTERISTICS | APPROX. WIDTH BETWEEN BANKS | CHANNEL DEPTH | NATURE OF BOTTOM

CONDITION OF BANKS | ALIGNMENT OF STREAM ABOVE AND BELOW STRUCTURE

SKEW OF NORMAL FLOW | SKEW OF FLOOD FLOW

BEAM SPANS

STD. DRAWING NO. CSB-1-55 sht. 2 (7-16-56)

LENGTH C. TO C. OF END BEARINGS	56'; 2@70'; 56'	SHAPE AND SIZE OF INSIDE BEAMS: 6 lines - 36WF 194
LENGTH OVER ALL	253.5'	
SPACING OF BEAMS	8'-10½"; 4'-3" ctr.	SHAPE AND SIZE OF OUTSIDE BEAMS: 2 do - do

PLATE GIRDER

STD. DRAWING NO.

LENGTH C. TO C. OF END PINS OR BEARINGS		FLANGE SECTION AT CENTER: TOP / BOTTOM
LENGTH OVER ALL		
HEIGHT BACK TO BACK OF ANGLES		SIZE AND SPACING OF RIVETS IN BOTTOM FLANGE AT CENTER
WEB THICKNESS		

INTERMEDIATE FLOOR BEAMS

NO. AND SPACING

SECTION

CONNECTIONS: NO. & SIZE RIVETS F.B. TO CONN. | NO. & SIZE RIVETS CONN. TO GIRDER

END FLOOR BEAMS

CROSS FRAMES

KIND	NO. LINES	SIZE	WIDTH OF FLANGE	THICKNESS OF WEB	SPACING
I BEAMS	Intermediate	3-L's 3x3x5/16 Welded			
CHANNELS	End	5-L's 4x4x 5/16 do			
WOOD		SIZE, TREATMENT, SPECIES			

DO JOISTS REST ON TOP OF FLOOR BEAMS? | HOW FRAMED TO FLOOR BEAMS?

ARE SHELF ANGLES USED? | END JOISTS - LENGTH | SUPPORTS

FLOOR

REINFORCED CONCRETE SLAB: ✓ 8½" (incls. 1" W.S.) | INCHES THICK | CONCRETE | INCHES THICK ON CORRUGATED ARCHES OR BUCKLE PLATES

WEARING SURFACE TYPE: Mono. Conc. | THICKNESS: 1" + 1¾" SDC (88) | PLANK SIZE, TREATMENT, SPECIES

STRIP SIZE, TREATMENT, SPECIES | HOW FASTENED TO JOISTS

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	Gravity	3.92' R&L	2'-0"	61'-6"	—	6'-1½" @ 0°; 6'-1½" @ 0°
FORWARD	do	do	do	do	do	—	do ; do
PIER 1	do	Pedestals 2 units 3 ea.	17.10' R&L	3'-0"	2@30'-2"	30-12" ⌀ R.C. - 34	
PIER 2	do	do	18.12' R&L	do	do	30- do - 32	
PIER 3	do	do	17.10' R&L	do	do	30- do - 28	

Rr. Br. Sta. 64+72.75 = 4.382

± Br. (on ± of Survey) Sta. 66+00

4504747 0436
LIC-079-0436

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 / C / S / T
LIC-79-0436	Licking	79						25