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

CONCRETE AND STONE MASONRY BRIDGES

DATE 9-4-86

O-BR 140053

TYPE OF BRIDGE: PRESTRESSED CONCRETE BOX BEAM | NO. OF SPANS: 1 | DATE BUILT: 1941 ; MAJOR REHAB. 1985

APPROX. SAFE LOAD CAPACITY: HS-20-44 AND THE ALTERNATE MILITARY LOADING

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
48.62'	50.93'	36.0'	36.0'	—	31 3/4"	OPEN	1" PEJF

TYPE OF RAILING: DEEP BEAM W/TUBULAR BACKUP & TYPE 2 POSTS | TYPE AND SIZE OF CURB: NONE

TYPE AND THICKNESS OF WEARING SURFACE: VARIABLE THICKNESS 404 : 2½" @ BRIDGE CENTER, 3¾" @ ABUTMENTS ; TYPE I WATERPROOF

DESCRIPTION OF FLOOR DRAINAGE: OVERSIDES W/ DRIP STRIP

ALIGNMENT AND SKEW OF STRUCTURE: 1°30' R.C. 30° R.F. | APPROACH SLABS: AS-41F, REPAIRED AS PER PLAN | LENGTH: 15' (9" THICK)

LIGHTING SYSTEM:

STREAM DELANO RUN | HEIGHT FROM GRADE TO STREAM BED: 10.58' | HEIGHT FROM GRADE TO HIGH WATER: 3.38' 3 TO 5 YR.

CHANNEL CHARACTERISTICS: APPROX. WIDTH BETWEEN BANKS 15' TO 30' | CHANNEL DEPTH 3' TO 6' | NATURE OF BOTTOM: GRAVEL & MUD

CONDITION OF BANKS: GRASSY | ALIGNMENT OF STREAM ABOVE AND BELOW STRUCTURE: 30° R. ABOVE 20° F. BELOW

SKEW OF NORMAL FLOW: SAME | SKEW OF FLOOD FLOW: SAME

CONCRETE SLAB

STD. DRAWING NO.

THICKNESS OF SLAB

CONCRETE BEAM

STD. DRAWING NO. PSBD-1-81

NO. OF BEAMS	SPACING OF BEAMS	WIDTH OF BEAMS	HEIGHT OF BEAM ~~INCLUDING SLAB~~	THICKNESS OF SLAB
12 B27x36	36"	36"	27"	—

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	GRAVITY	8.49 RT 9.35 LT	2.00'	41.75'	27 - TIMBER @ 40'±	9'-9¼" @ 0° 7'-6" @ 60° 19'-0¾" @ 0° 7'-6" @ 60°
FORWARD	"	"	8.54 RT 9.41 LT	2.00'	41.75'	27 - " " "	16'-4" @ 0° 7'-6" @ 60° 12'-1" @ 0° 7'-6" @ 60°
PIER							
PIER							

4200543
KNO-013R-0824

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
KNO-13-0824	KNOX	13	337	B2				5