STATE OF OHIO - DEPT. OF HIGHWAYS
BUREAU OF BRIDGES

HWY. [redacted] **GRADE SEPARATIONS** DATE 5-16-62

OR. BR. CME 803-8

TYPE OF SEPARATION - OVERHEAD ✓ SUBWAY HIGHWAY RELOCATION

RAILROAD COMPANY OR COMPANIES

I R-75 over U.S. 33

IF MAINTAINED OVERHEAD TYPE, SEE SEPARATE STRUCTURAL CARD, OTHERWISE SEE DESCRIPTION ON THIS CARD.

MAINTENANCE OF STRUCTURE BY State of Ohio

MAINTENANCE OF APPROACHES AND ROADWAY BY do

MAINTENANCE OF DRAINAGE BY do

MAINTENANCE OF PIER LIGHTS BY

PROVISION FOR FUTURE R.R. DEVELOPMENT

LEGAL HISTORY

AGREEMENT DATED AGREEMENT FILE NO.

SEPARATED GRADES PUT IN SERVICE

TOTAL COST OF PROJECT

APPORTIONMENT OF COST

VACATION AND RELOCATION PROCEEDINGS RECORDED IN

DIRECTOR'S JOURNAL	YEAR	VOLS.	PAGES

ADDITIONAL INFORMATION

For Elev. see AUG.-33-1635 & 1636

Rt. N.B. lane sta. 314+42.05 = 4.971

GRADE SEPARATION (DB. OV)	COUNTY	ROUTE NO.	R.R. AND METHOD OF ELIM.	STRENGTH				ROADWAY			CLEARANCE				TYPE				
				H10-	H12	H15	H20	15-18	19-22	23 +	12 -	12-14	14 +	OPEN	A	B	G	S	T
AUG-75-0498	Auglaize	75	R-33 - Overhead				■			■				■		24			

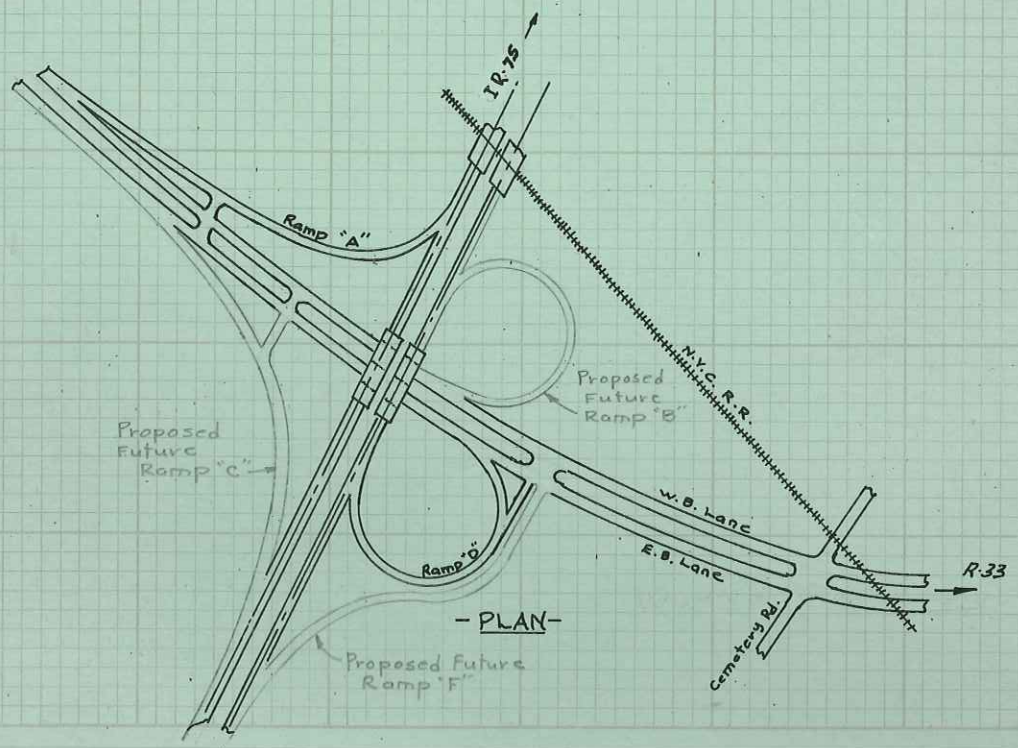
AUG-75-0498	Auglaize	75	R-33 - Overhead	H10 H12 H15 H20	15-18 19-22 23 +	12- 12-14 14 + OPEN	24 A B G S T
GRADE SEPARATION	COUNTY	ROUTE NO.	R.R. & METHOD OF ELIM.	STRENGTH	ROADWAY	CLEARANCE	TYPE

SHOW BY SKETCH - NO. OF TRACKS; R. R. AND HIGHWAY ALIGNMENT; SUBWAY CLEARANCES, HORIZONTAL AND VERTICAL.
SHOW OCCUPANCY BY TRACTION LINE; SIZE, LENGTH AND ARRANGEMENT OF DRAINAGE SYSTEM; SUBMERGENCE BY HIGH WATER.
IF AN OVERHEAD NOT MAINTAINED BY STATE SHOW TYPE; MATERIAL; ROADWAY; VERTICAL CLEARANCE ABOVE TRACKS; GENERAL DATA FOR DETERMINING STRENGTH.

IS HIGHWAY GRADE UNSATISFACTORY ? WHY ?

IS HIGHWAY ALIGNMENT UNSATISFACTORY ? WHY ?

IF SEPARATION BY HIGHWAY RELOCATION, SHOW BY SKETCH.



- PLAN -

Scale: 1" = 600'

STATE OF OHIO - DEPT. OF HIGHWAYS
BUREAU OF BRIDGES

STEEL BEAM AND GIRDER BRIDGES

DATE 5-16-62 (10-82)

OHIO-BR. ACME 14799-8

TYPE OF BRIDGE: Continuous Steel Beam	NO. OF SPANS: 4	ENCASED OR GUNITED:	DATE BUILT: 1959				
APPROX. SAFE LOAD CAPACITY - OF STRUCTURE: CF = 2000 (51)		OF FLOOR SYSTEM:	SFN - 0602043				
CLEAR SPAN: 2@42.48', 2@71.98'	LENGTH OUT TO OUT OF FLOOR: 242.52'	WIDTH BETWEEN CURBS: 39'-8"	WIDTH OUT TO OUT OF SUPERSTRUCTURE: 44'-4"	WIDTH OF SIDEWALKS: —	HEIGHT OF FLOOR ABOVE BRIDGE SEAT:	PROVISION FOR EXPANSION: ROLLER NEST / ROCKERS ✓ / SLIDING	
TYPE AND SIZE OF RAILING OR HUB GUARD: 32" Deflector Type Conc. Parapet		TYPE AND SIZE OF CURB OR FELLOE GUARD: 10" high with 2" Slope					
DESCRIPTION OF FLOOR DRAINAGE: Bulb L 5 X 3½ X 13.0 with 10 Scuppers in ea. gutter (both br.)							
ALIGNMENT AND SKEW OF STRUCTURE: Tan. 6°-59' L.F.	APPROACH SLABS: 2-AS-1-54	LENGTH: 25'					
STREAM: SB IR 75 OVER USR 33	HEIGHT FROM GRADE TO STREAM BED:	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-2-56 (3-1-58) Sht's. 2&3

LENGTH C. TO C. OF END BEARINGS	45'; 2@75'; 45'	SHAPE AND SIZE OF INSIDE BEAMS	Spans 1&4: 4-33 WF 141; Spans 2&3: 4-33 WF 220
LENGTH OVER ALL	241.51	SHAPE AND SIZE OF OUTSIDE BEAMS	Spans 1&4: 2-33 WF 141; Spans 2&3: 2-33 WF 220
SPACING OF BEAMS	7'-11"		

PLATE GIRDER

STD. DRAWING NO.

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

	INTERMEDIATE FLOOR BEAMS	END FLOOR BEAMS
NO. AND SPACING		
SECTION		
CONNECTIONS: NO. & SIZE RIVETS F.B. TO CONN.		
CONNECTIONS: NO. & SIZE RIVETS CONN. TO GIRDER		

[redacted] CROSS FRAMES

KIND	NO. LINES	SIZE	WIDTH OF FLANGE	THICKNESS OF WEB	SPACING
I BEAMS	Intermediate	3 Lines; 3 x 3 x 5/16 Welded			
CHANNELS	End	5 Lines; 4 x 4 x 5/16 Welded			
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. ¾" MWS) — INCHES THICK
CONCRETE — INCHES THICK ON CORRUGATED ARCHES OR BUCKLE PLATES
WEARING SURFACE - TYPE: Mono. Conc. + LMC — THICKNESS: ¾" + 1¼"
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							
FORWARD		SEE		Back			
PIER							
PIER							

BRIDGE NO.	COUNTY	ROUTE NO.	S. H. NO.	SECTION	STRENGTH	ROADWAY	CLEARANCE	TYPE
AUG-75-0498L	AUGLAIZE	SB-75	08.01		H10 — H12 — H15 — H20 ■	15-18 — 19-22 — 23 + ■	12 — 12-14 — 14 + OPEN ■	A — B 24 — G — S — T

BRIDGE NO.	COUNTY	ROUTE NO.	S. H. NO.	SECTION	STRENGTH	ROADWAY	CLEARANCE	TYPE
75-0498L	AUGLAIZE	SB-75			H10- H12 H15 H20	15-18 19-22 23 +	12- 12-14 14 + OPEN	24 A B G S T

SKETCH OF STRUCTURE SHOWING DIMENSIONS

Abuts + Piers	Material	Type	Height Footer to Bridge Seat RT.	Height Footer to Bridge Seat LT.	Width of Seat	Length of Seat	Foundation	WINGS
Rear	Concrete	Gravity	4.03	3.96	2'-0"	42'-4"		20'-2" @ 83°-1'; 20'-4 3/8" @ 96°-59'
Fwd.	"	"	4.06	4.13	"	"		17'-2" @ 96°-59'; 17'-4 3/8" @ 83°-01'
Pier 1	"	Ped (4)	17.32	17.39	3'-0"	2@21'-4"	16-12" R/C CIP 28.95	
Pier 2	"	"	19.09	19.16	"	"	18- " 27.65	
Pier 3	"	"	21.57	21.64	"	"	16- " 26.93	

Project 356-74; Compl. 1975
1 1/2" 404 on Royston W.P.

Project 405-82, Remove 404 & W.P. Membrane, Place LMC 1 1/4" thick = 1062 S.Y.
LMC VAR. Thick = 9 C.Y.
Full Depth = 0 C.Y.
Extend Exp. Jts., Scuppers
Silane (150) to parapets
Complete 11-18-82

Proj. 735-92
Retrofit rail
extend scuppers
modify wingwalls

LOCATION SKETCH

REMARKS:- Profile Grade: + 0.50%
Project 552-58; ACI-196 (6)
Plan Reference: AUG-33-11.50; AUG-25-4.92
Plan Number: AUG-25-0504
Station: 314 + 45.55 to 316 + 90.09
Pages: 292-305
Paint Structural Steel: 377,114 lbs.
Fabricator: Bethlehem Steel, Buffalo N.Y.
Contractor: Lauder & Sons, Toledo, Ohio

SFN - 0602043

OHIO-BR.
AC [illegible] 4805-8