

TYPE OF SEPARATION - OVERHEAD

SUBWAY

HIGHWAY RELOCATION

RAILROAD COMPANY
OR COMPANIES

I.R-70 over B&O R.R. & S.R. 265

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

" " "

MAINTENANCE OF DRAINAGE BY

" " "

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

Vertical clearance above B&O R.R. = ~~23'-0 3/8"~~ 22'-10 1/4" = Field Measure, June '61

See Gue 265 for Elevation.

= GUE-285-0127 & 0131

Rear Br. Sta. 373+31.93 (E.F.B. Lanes) = 12.32497

GRADE SEPARATION

COUNTY

ROUTE NO.

R.R. AND METHOD OF ELIM.

STRENGTH

ROADWAY

CLEARANCE

TYPE

GUE-70-1232

Guernsey

70

B&O R.R.
R-265 Overhead

H10 H12 H15 H20

15-18 19-22 23 +

12-14 14 + OPEN

A B G S T

3001474

GUE-070-1232 L

3001504

GUE-070-1232 R

74

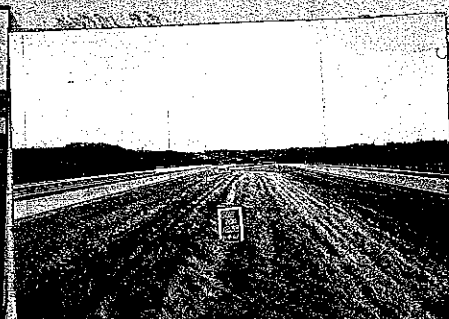
L-R GUE-70-1232	Guernsey	70	B&O R.R. R-265 Overhead	H10	H12	H15	H20	15-18	19-22	23+	12	12-14	14+	OPEN	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	44
GRADE SEPARATION	COUNTY	ROUTE NO.	R.R. & METHOD OF ELIM.	STRENGTH			ROADWAY			CLEARANCE			TYPE																		

GUE-285-012750131

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?

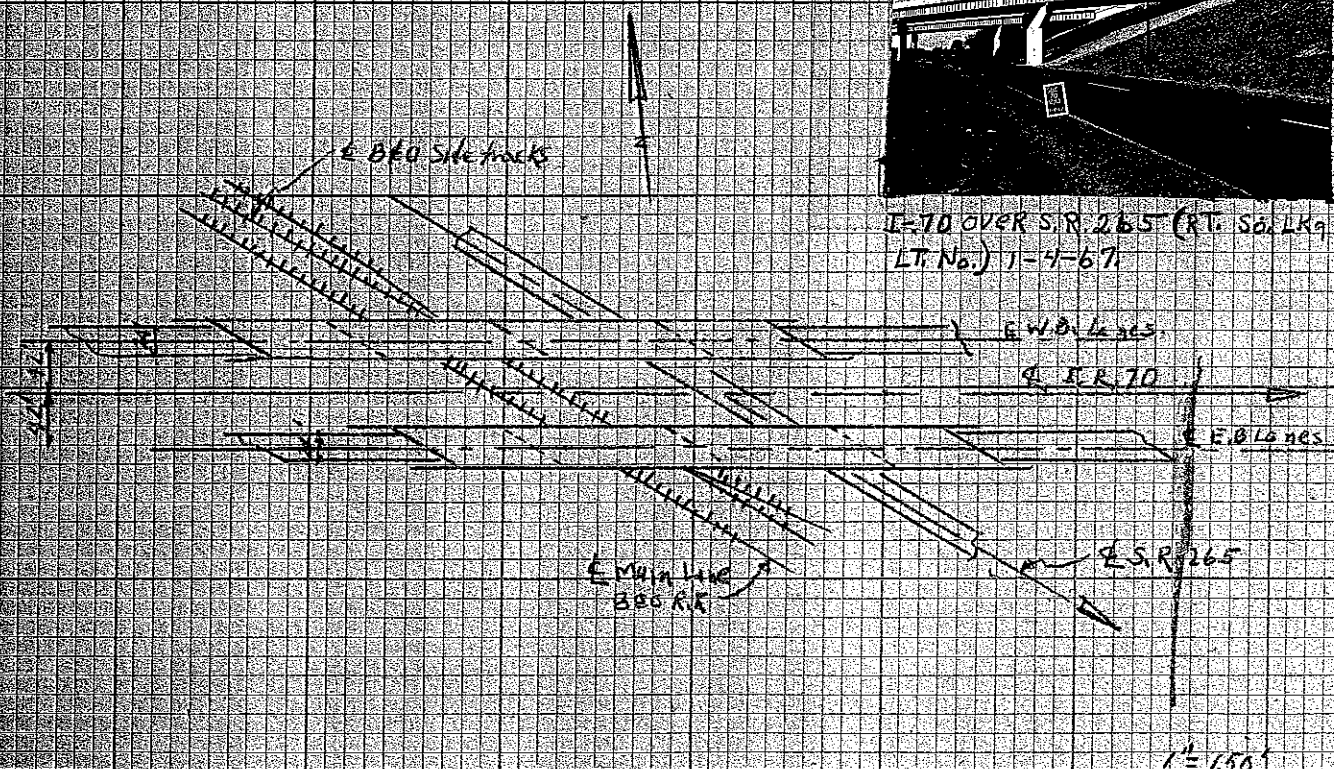
IF SEPARATION BY HIGHWAY RELOCATION, SHOW BY SKETCH.



Rear Ldg. Ahead (75) Rear Ldg. Hnd. Over S.R. 265 1-4-67



I-70 OVER S.R. 265 (RT. SO. LK9 LT. No.) 1-4-67



1" = 150'

STEEL BEAM AND GIRDER BRIDGES

DATE

OHIO-BR.
ACME 14789-B

TYPE OF BRIDGE	Cont Steel Beam	NO. OF SPANS	4	ENCASED OR GUNITED		DATE BUILT	1965								
APPROX. SAFE LOAD CAPACITY	CF-2000 (1957) AASHTO	OF FLOOR SYSTEM													
CLEAR SPAN	20' 34.61'	LENGTH OUT TO OUT OF FLOOR	44' 2.38'	WIDTH BETWEEN CURBS OR FELLOW GUARDS	33'-6"	WIDTH OUT TO OUT OF SUPERSTRUCTURE	36'-10"	WIDTH OF SIDEWALKS	Removed	HEIGHT OF FLOOR ABOVE BRIDGE SEAT	6'-11 1/4"	PROVISION FOR EXPANSION	ROLLER NEST	ROCKERS	SLIDING
TYPE AND SIZE OF RAILING OR HUB GUARD	BR-1	rev. 5-29-79		TYPE AND SIZE OF CURB OR FELLOW GUARD	16" high with 2" slope. Removed										
DESCRIPTION OF FLOOR DRAINAGE	Bulk L 5X3 1/2 X 13 with 5 Steel scuppers each side.														
ALIGNMENT AND SKEW OF STRUCTURE	Tangent 59° 20' - 53" R.E.	APPROACH SLABS	AS-1-54												
STREAM	I-70 Over B40RR & SR 265	HEIGHT FROM GRADE TO STREAM BED	23'-0"												
CHANNEL CHARACTERISTICS	APPROX. WIDTH BETWEEN BANKS	CHANNEL DEPTH		NATURE OF BOTTOM											
CONDITION OF BANKS	Rip Rap ; Slope Protection			ALIGNMENT OF STREAM ABOVE AND BELOW STRUCTURE											
SKEW OF NORMAL FLOW				SKEW OF FLOOD FLOW											

BEAM SPANS

STD. DRAWING NO.

LENGTH C. TO C. OF END BEARINGS	90'-0" 128' 1 1/2"	SHAPE AND SIZE OF INSIDE BEAMS	2 Lines Built up See Below
LENGTH OVER ALL	440.32'	SHAPE AND SIZE OF OUTSIDE BEAMS	2 Lines Built up See Below
SPACING OF BEAMS	10'-0"		

PLATE GIRDER

STD. DRAWING NO.

LENGTH C. TO C. OF END FLOOR BEARINGS		FLANGE SECTION AT CENTER	Span (1) & (4) 22" X 1" PL; Span (2) & (3) 22" X 1 1/2" PL Welded.
LENGTH OVER ALL		TOP BOT.	
HEIGHT BACK TO BACK OF ANGLES		SIZE AND SPACING OF RIVETS IN BOTTOM FLANGE AT CENTER	
WEB THICKNESS	3/8" X 58"		

INTERMEDIATE FLOOR BEAMS

END FLOOR BEAMS

NO. AND SPACING	
SECTION	
CON- NO. & SIZE RIVETS F.B. TO CONN.	
NEC- NO. & SIZE RIVETS TIONS CONN. TO GIRDER	

FLOOR JOISTS CROSS FRAMES.

KIND	NO. LINES	SIZE	WIDTH OF FLANGE	THICKNESS OF WEB	SPACING
I BEAMS	Intermediate	3 L's 3X3X5/16 Welded.			
CHANNELS	End	6 dia 9 L's 5X5X3/8; 2 vert. L's 4X4X7/16; 1 Horiz 4X4X1/2 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

REINFORCED CONCRETE SLAB	9 1/4" (Incls 1" M.W.S.)	INCHES THICK	CONCRETE	INCHES THICK ON CORRUGATED ARCHES OR BUCKLE PLATES
WEARING SURFACE	Mono Conc.	THICKNESS	1 1/4" 1 3/8" SPC 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	6.21 RT 6.00 LT	2'-6"	67'-8"		22'-4" @ 149° 20' 53"; 39'-0" @ 30° 39' 07"
FORWARD			7.19 RT 7.36 LT				39'-0" @ 30° 39' 07"; 22'-4" @ 149° 20' 53"
PIER #1		Solid Panel T	29.26 RT 29.13 LT	3'-0"	62'-6"	27-12" 7/8 CIP X 50'	
PIER #2		"	27.86 RT 27.84 LT	"	"	36-12" 7/8 CIP X 50'	
PIER #3		"	29.25 RT 29.34 LT	"	"	27-12" 7/8 CIP X 50'	
= GUE-265-0127							

3001474
GUE-070R-1232 L

BRIDGE NO.	COUNTY	ROUTE NO.	S. H. NO.	SECTION	STRENGTH	ROADWAY	CLEARANCE	TYPE
GUE-70-1232-L	Guernsey	70			H10-H12 H15 H20	15-18 19-22 23	12-12-14 14 + OPEN	A B C S T
					X		X	44

= GUE-265-0127

SKETCH OF STRUCTURE SHOWING DIMENSIONS

A full-page view of a blank sheet of graph paper. The page is covered by a uniform grid of small squares. There are no margins, text, or other markings on the paper.

LOCATION SKETCH

SECTION ONE

Painting str steel 3206/ S.F.
PROJ 112(92) PAINTED OZEU

STEEL BEAM AND GIRDER BRIDGES

DATE

OHIO-BR.
ACME 14799-B

TYPE OF BRIDGE	Cont. Steel Beam	NO. OF SPANS	4	ENCASED OR GUNITED		DATE BUILT	1965
APPROX. SAFE LOAD CAPACITY	CF-2000	(1957) AASHO		OF FLOOR SYSTEM			
CLEAR SPAN	20 84.61'	LENGTH OUT TO OUT OF FLOOR	442.38'	WIDTH BETWEEN CURBS ON FELLOW GUARDS	33'-6"	WIDTH OUT TO OUT OF SUPERSTRUCTURE	36'-10"
TYPE AND SIZE OF RAILING OR HUB GUARD	BR-1	REV.	5-29-79	WIDTH OF SIDEWALKS	REMOVED (90)	HEIGHT OF FLOOR ABOVE BRIDGE SEAT	6'-11 1/4"
DESCRIPTION OF FLOOR DRAINAGE	Bulb L 5x3 1/2 x 13 with 4 steel scuppers each side.			TYPE AND SIZE OF CURB OR FELLOW GUARD	10" high with 1" slope	PROVISION FOR EXPANSION	REMOVED (90)
ALIGNMENT AND SKEW OF STRUCTURE	Tangent 59° 20' 53" R.F.	APPROACH SLAB	AS-1-54			ROLLER NEST	ROCKERS
STREAM	I-70 OVER B&O RR / SR 265	HEIGHT FROM GRADE TO STREAM BED	23' 0"			SLIDING	
CHANNEL CHARACTERISTICS	APPROX. WIDTH BETWEEN BANKS	CHANNEL DEPTH		NATURE OF BOTTOM			
CONDITION OF BANKS	Rip Rap; Slope Protection			ALIGNMENT OF STREAM ABOVE AND BELOW STRUCTURE			
SKEW OF NORMAL FLOW				SKEW OF FLOOD FLOW			

BEAM SPANS

STD. DRAWING NO.

LENGTH C. TO C. OF END BEARINGS	90'-0" 128' 3"	SHAPE AND SIZE OF INSIDE BEAMS	2 Lines Built up See Below.
LENGTH OVER ALL	440.32'	GRADE AND SIZE OF OUTSIDE BEAMS	2 Lines Built up See Below.
SPACING OF BEAMS	10'-0"		

PLATE GIRDER

STD. DRAWING NO.

LENGTH C. TO C. OF END PINS OR BEARINGS		FLANGE SECTION AT CENTER	Span ① & ④ 22" X 1" PL; Span ② & ③ 22" X 1 1/2" PL Welded
LENGTH OVER ALL		TOP BOT. TOM	11
HEIGHT BACK TO BACK OF ANGLES		SIZE AND SPACING OF RIVETS IN BOTTOM FLANGE AT CENTER	
WEB THICKNESS	3/8" X 58"		

INTERMEDIATE FLOOR BEAMS

END FLOOR BEAMS

NO. AND SPACING	
SECTION	
CON. NEG. TIONS	NO. & SIZE RIVETS F.B. TO CONN. NO. & SIZE RIVETS CONN. TO GIRDER

FLOOR JOISTS CROSS FRAMES

KIND	NO. LINES	SIZE	WIDTH OF FLANGE	THICKNESS OF WEB	SPACING
I BEAMS	Intermediate	3 L's 3X3X5/16 Welded.			
CHANNELS	End.	6 diag. L's 5X5X3/8; 2 vert. L's 4X4X3/8; 1 Horz 4X4X1/2 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

REINFORCED CONCRETE SLAB	9/4" (incl 1" M.W.S.)	INCHES THICK	CONCRETE	INCHES THICK ON CORRUGATED ARCHES OR BUCKLE PLATES
WEARING SURFACE	TYPE Mono. Conc.	THICKNESS 1" + 1 3/4" (90)	FLANK	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	6.57 RT 6.48 LT	2'-6"	67'-8"		22'-4" @ 119° 20' 53" - 39° 0' @ 30° 39' 07"
FORWARD	"	"	6.45 RT 6.76 LT	"	"		39° 0' @ 30° 39' 07" - 22'-4" @ 149° 20' 53"
PIER #1	"	Solid Panel T	29.40 RT 29.40 LT	3'-0"	62'-6 1/8"	27-12" 8/16 CIP X 50'	
PIER #2	"	"	27.68 RT 27.79 LT	"	"	36-12" 8/16 CIP X 50'	
PIER #3	"	"	28.74 RT 28.90 LT	"	"	27-12" 8/16 CIP X 50'	
= GUE-265-0131							

3001504

GUE-070R-1232 R

BRIDGE NO.	COUNTY	ROUTE NO.	S. H. NO.	SECTION	STRENGTH	ROADWAY	CLEARANCE	TYPE
GUE-70-1232-R	Gwynsey	70			H10-H12 H15 H20 15-18 19-22 23 +	12-14 14 + OPEN	A B C S T	49

GUE-70-1232-R Guernsey

70

BRIDGE NO.

COUNTY

ROUTE NO.

S. H. NO.

SECTION

STRENGTH

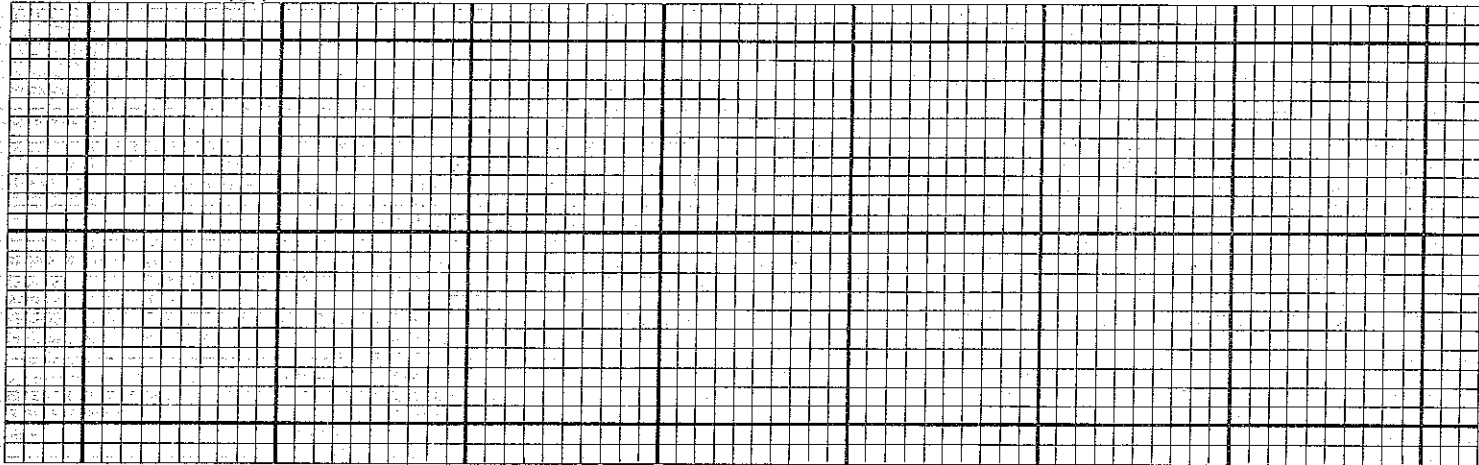
ROADWAY

CLEARANCE

TYPE

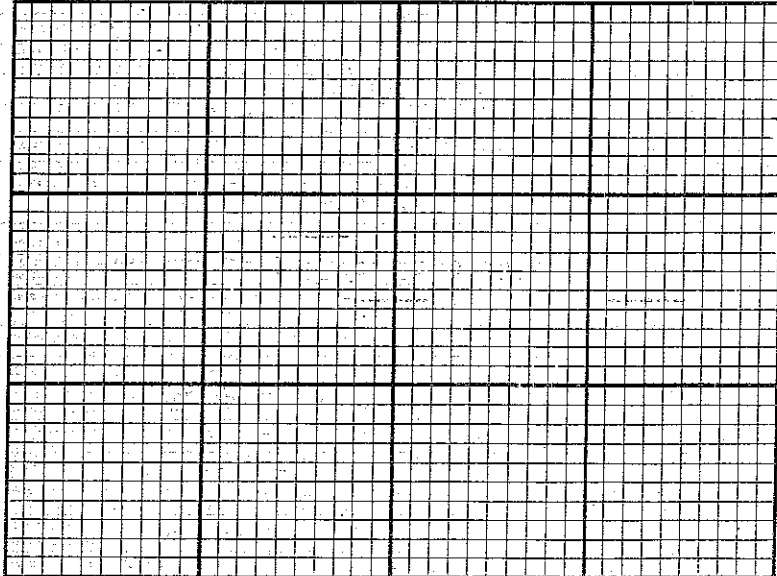
= GUE-265-0131

SKETCH OF STRUCTURE SHOWING DIMENSIONS



PROJ 725(89) REMOVED ^{1 1/2"} CONCRETE OVERLAY (79) AND PLACED 1 3/4" SDC OVERLAY.
REPLACED BRIDGE RAIL WITH BR-1 (5-29-79) - SEALED RAILS WITH EPOXY
REPLACED EXP. JNT'S WITH STRIP SEALS.

LOCATION SKETCH



REMARKS: Profile Grade = 1700' V.E. Grades:
Rear +2.00%, Fwd. -1.00%; P.V.I. Sta 371+50
Paint Struct. Steel 1,291,400 lbs for both
Fabricator: - b/g
Cement Columbia
Sand #3 & #4 Aggr. - Miller Gravel Co.
Built as Br. No. GUE-40-1227, on Proj. 747-61,
V.N. Holderman

Painting Str Steel 32061 S.F.
PROJ 112(72) PAINTED OZEU