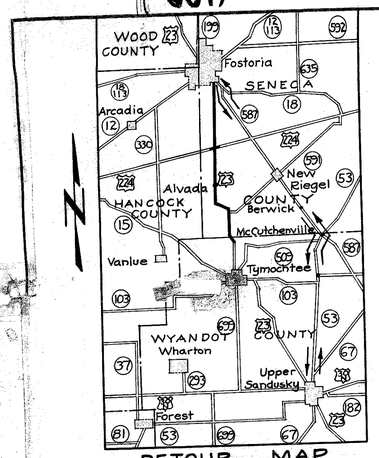
#6041

FED. RD. DIVISION	STATE	PROJECT	TYPE FUNDS
2	OHIO		

1/123

WYA-23-24.92
SEN-23-(0.00-6.69)



DETOUR MAP

STATE OF OHIO
DEPARTMENT OF HIGHWAYS
WYA-23-24.92
WYANDOT COUNTY
CRAWFORD TOWNSHIP
SEN-23-(0.00-6.69)
SENECA COUNTY
BIG SPRINGS AND LOUDON TOWNSHIPS

CONVENTIONAL SIGNS

CENTER LINE
COUNTY LINE
TOWNSHIP LINE
SECTION LINE
CORPORATION LINE
PROPERTY LINE
POLE LINE
FENCE LINE
RAILROADS
GUARD RAIL
DRAIN PIPE

Telephone Electric
New Old
New Old

INDEX OF SHEETS

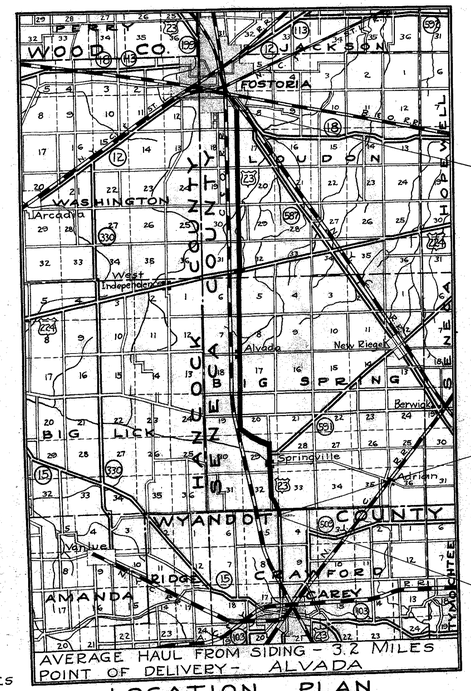
TITLE SHEET	1
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GENERAL NOTES	5
CALCULATIONS	6
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LINE DATA

BEGIN STATION	END STATION	GROSS LENGTH	NET DEDUCTION OF STA EQUATION	DEDUCTION WIDTH U.S. 23	NET LENGTH LIN. FT.	NET LENGTH MILES
WORK		725.45			725.45	
123+40.5	130+65.95 (Wyandot Co.)	58,047.79	253.52	24.0	57,794.27	
0-5.45'	580+42.34 (Seneca Co.)	848.00			824.00	
51+66	60+14 (Seneca Co.) U.S. 224				59,343.72	11.239
TOTAL WORK						
PROJECT		605.45			605.45	
124+60.5	130+65.95 (Wyandot Co.)	58,047.79	253.52	24.0	57,794.27	
0-5.45'	580+42.34 (Seneca Co.)	848.00			824.00	
51+66	60+14 (Seneca Co.) U.S. 224				59,223.72	11.215
TOTAL PROJECT						

Approved _____ Engineer of Traffic
Date 4-18-55

FILE No.	WYA-23-24.92, SEN-23-(0.00-6.69)
	DATE OF LETTING _____ 19__
	CONTRACT No. _____



LOCATION PLAN

SCALE OF MILES

PORTION TO BE IMPROVED
FEDERAL HIGHWAYS
STATE HIGHWAYS
OTHER ROADS
DETOURS

SCALES

PLAN	1" = 100'
PROFILE-HORIZONTAL	1" = 100'
PROFILE-VERTICAL	1" = 10'
CROSS SECTIONS	1" = 5'
APPROACHES & INTERSECTIONS	1" = 20'

The standard specifications of the State of Ohio, Department of Highways, including changes and supplemental specifications listed in the proposal shall govern this improvement.

I hereby approve these plans and declare the making of this improvement will require the closing of the highway to traffic, except as noted on Sheet 5, and that a detour will be provided as indicated on the plans.

The right-of-way for this improvement will be provided by the State of Ohio.

Approved George W. Luber
Date 3-18-55 Division Deputy Director

Approved John J. Hennegan
Date 4-14-55 Deputy Director of Planning and Programming

Approved Richard Orth
Date 4-14-55 Engineer of Bridges

Approved I.T. Gerald
Date 4-13-55 Deputy Director of Design and Construction

Approved K.L. Rabe
Date 4-13-55 Engineer of Location and Design

Approved N.T. Chamberlain
Date 4-14-55 First Assistant Director

Approved _____
Date 4-15-55 Director of Highways

CONSTRUCTION BUREAU
FEB 1 1957
GROUND PHOTO LAB

STANDARD DRAWINGS

L-3	4-1-50	I-1,2,3,4 & 5	2-20-45	I-14 G	1-22-52	AS-3-47 AS-4-47 7-27-49
L-3-A	4-1-50	I-8 C.B. 1-2A & B	5-1-52	I-15 No 1	12-1-54	SB-1-47 1-20-48
DR-1	1-3-55	I-8 C.B. 2-2A & B	5-1-52	I-15 No 2	12-1-54	
RI-1	1-3-55	I-8 C.B. 2-3 & 2-4	5-1-52	L-1	4-1-50	
T-35	10-1-52	I-8 C.B. No. 6	5-1-52			
S-27 P.C. 3	2-20-45	I-8 C.B. No. 16	4-1-55	G-7.07	1-2-53	
S-27 P.C. 4	1-4-54	I-12	7-1-54			

SUPPLEMENTAL SPECIFICATIONS

L-209.12		7-17-54
B-119	Rev.	12-1-54

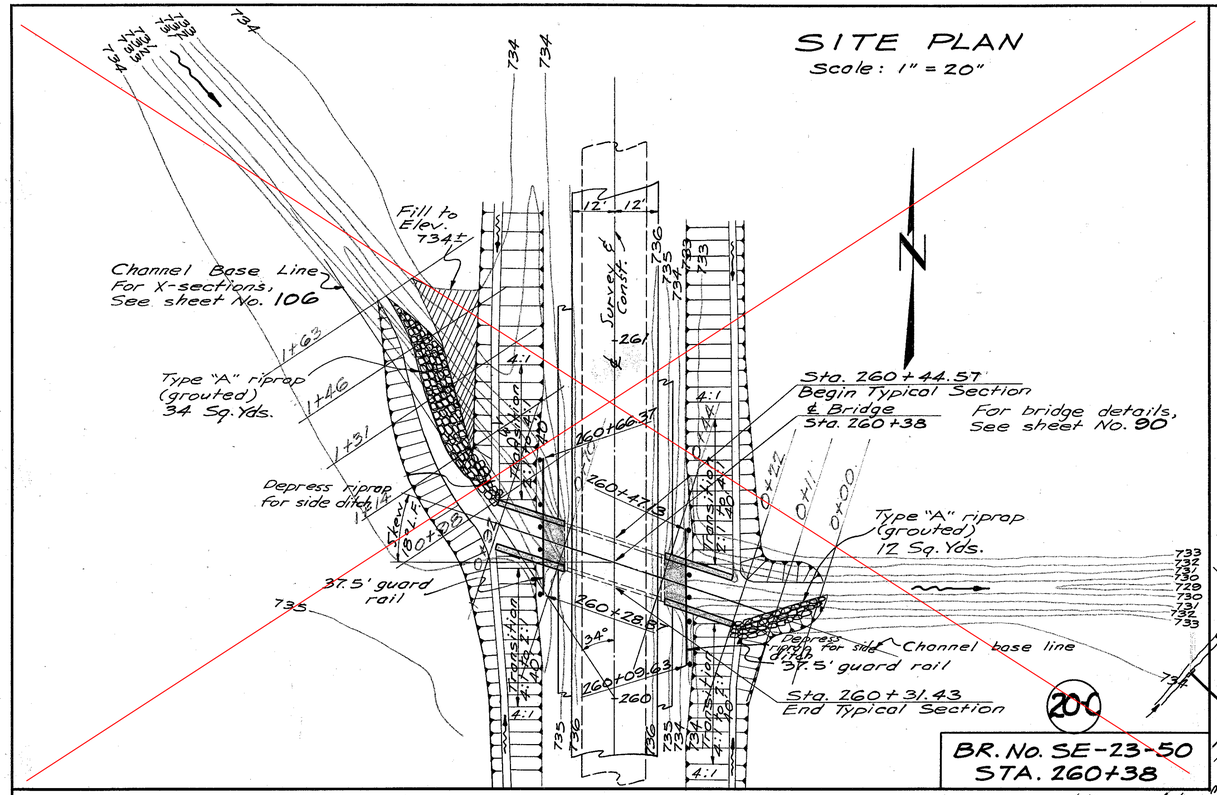
Rev. 4-13-55

FED. RD. DIVISION	STATE	PROJECT	TYPE FUNDS
2	OHIO		

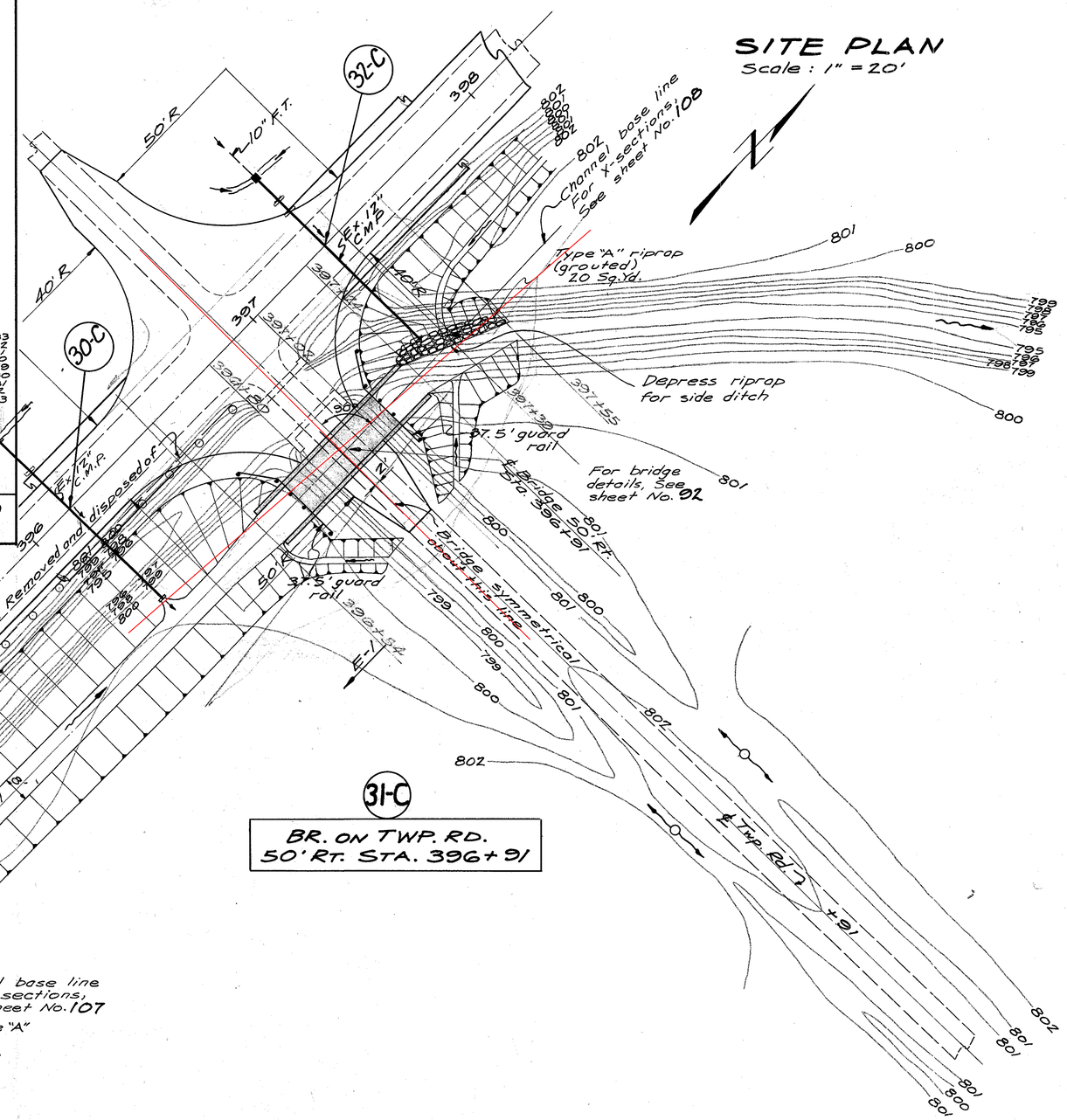
89/123

WYA-23-24.92
SEN-23-(0.00-6.69)

SITE PLAN
Scale: 1" = 20"



SITE PLAN
Scale: 1" = 20'



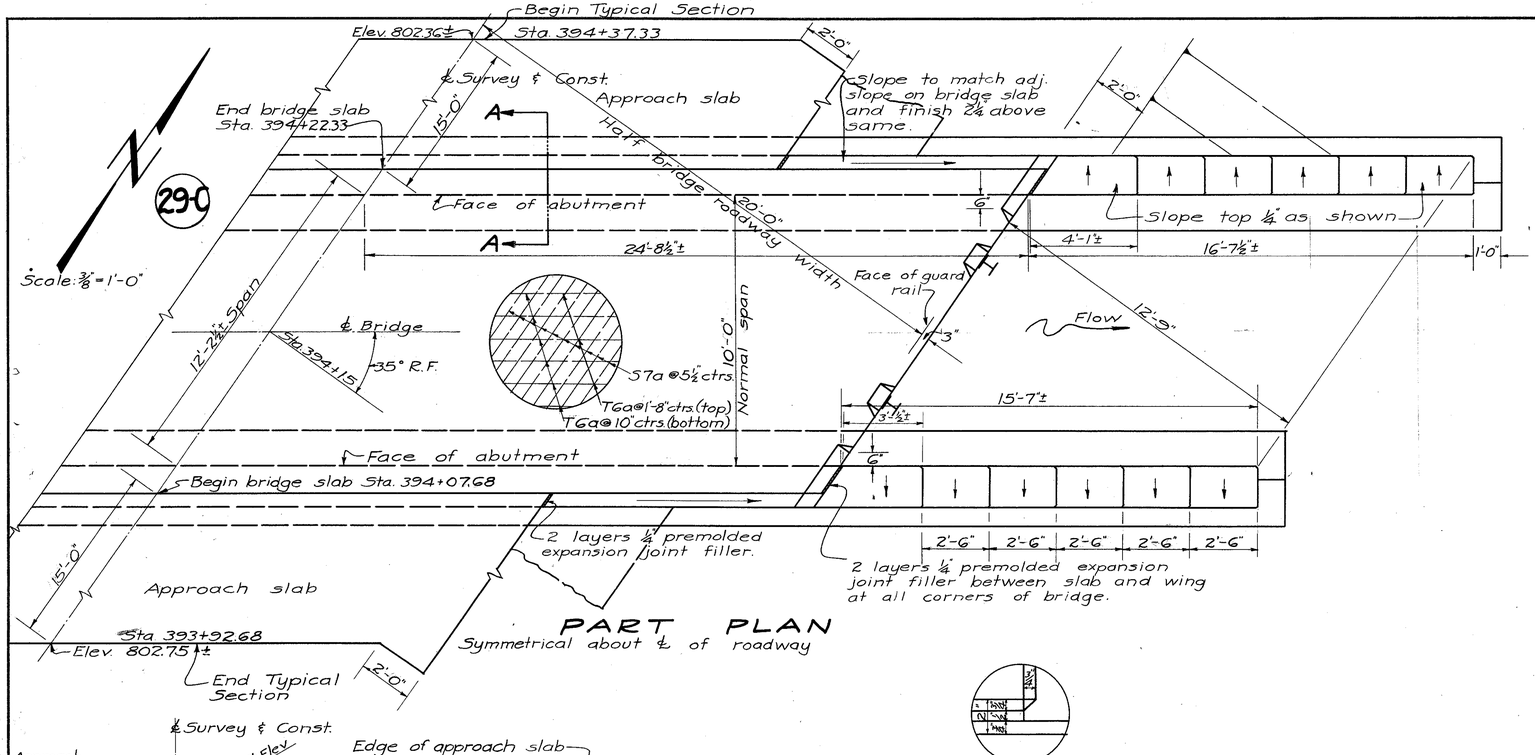
20-C, 29-C & 31-C

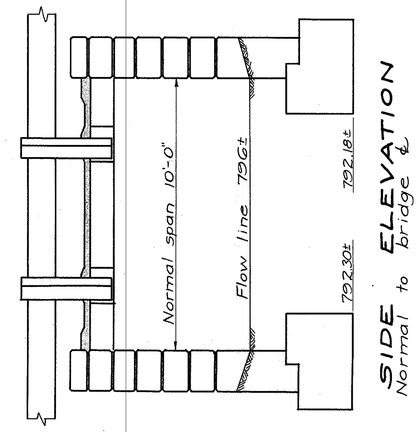
Site Plans SE-23-50, SE-23-76 and Br. 50' Rt. Sta 396+91

FED. RD. DIVISION	STATE	PROJECT	TYPE FUNDS
2	OHIO		

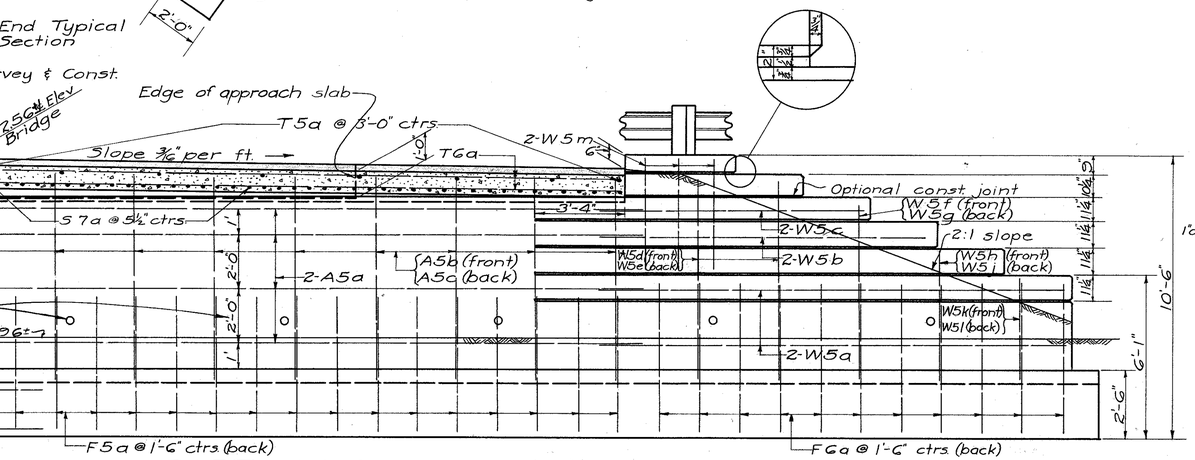
91/123

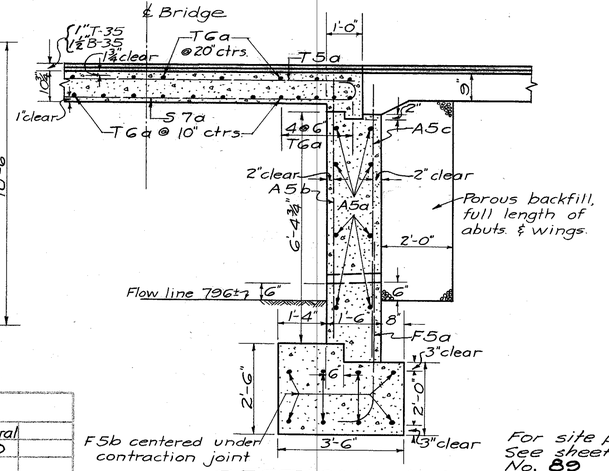
WYA-23-24.92
SEN-23-(0.00-6.69)





For Approach Slab Details, see Std. Dwg. A5-3-47, A5-4-47.





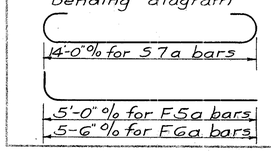
For site plan, See sheet No. 89

For other details, see STANDARD SLAB BRIDGE Drawing No. SB 1-47

REINFORCING STEEL LIST

Mark	No.	Length	Weight	Shp
Superstructure				
57a	89	15'-8"	2851	B
T5a	15	14'-0"	219	S
TGa	56	25'-6"	2145	S
Total			5215	
Abutments				
F5a	68	5'-9"	408	B
F5b	16	6'-0"	100	S
FGa	44	6'-4"	418	B
A5a	32	25'-0"	834	S
A5b	36	7'-0"	263	S
A5c	36	7'-6"	282	S
W5a	16	17'-6"	292	S
W5b	8	12'-0"	100	S
W5c	8	10'-0"	83	S
W5d	8	7'-0"	58	S
W5e	8	7'-6"	63	S
W5f	4	6'-0"	25	S
W5g	4	6'-6"	27	S
W5h	4	4'-0"	17	S
W5j	4	4'-6"	19	S
W5k	4	3'-0"	13	S
W5l	4	3'-6"	15	S
W5m	24	4'-0"	100	S
Total			3117	
Replacement				
RE5	1	5'-7"	6	
RE6	1	5'-11"	9	
RE7	1	6'-3"	13	
Total			28	

Bending diagram



ESTIMATED QUANTITIES

Item	Total	Unit	Description	Super.	Abuts.	General
I-7	80	Sq.Yd.	9" Reinforced conc. approach slabs			80
E-2	142	Cu.Yd.	Excavation for structures.		142	
E-3	124	Cu.Yd.	Channel excavation.			124
	+ 91	Cu.Yd.	Embankment			+91
S-1	19.7	Cu.Yd.	Class "C" concrete, superstructure.	19.7		
S-1	49.0	Cu.Yd.	Class "E" concrete, abutment footings.		49.0	
S-1	60.4	Cu.Yd.	Class "E" concrete, abutment walls.		60.4	
S-3	145.9	Sq.Yd.	Type "C" waterproofing.	65.9		
S-4	8360	Lb.	Reinforcing steel.	5215	3117	28
S-9	14	Sq.Ft.	¼" premolded expansion joint filler.	14		
S-14	2930	Lin.Ft.	Railing (Type I-15.13 with steel posts).	2930		
S-24	Lump Sum		Removal of existing structure.			Lump
S-29	60	Cu.Yd.	Porous backfill.		60	
S-3	13	Lin.Ft.	12" x ½" Premolded sealing strip.		13	
I-10	22	Sq.Yd.	Riprap, Type "A" (grouted)			22
B-35	6.1	Cu.Yd.	Asphaltic Concrete leveling course (70-80) 1½"	6.1		
T-35	4.1	Cu.Yd.	1" Asphaltic concrete surface course, type "B" or "C" (70-80).	4.1		
L-9	48	Sq.Yd.	Seeding and protecting.			48

Quantities carried to Table C, Sheet No. 8

DATA ON PROPOSED STRUCTURE

TYPE: Concrete slab on reinf. concrete substructure.
SPAN: 12'-2¼", 10'-0" normal.
ROADWAY: 40'-0" face to face of guard rail.
LOAD FREQUENCY RATING:
SKEW: 35° R.F.
SURF. COURSE: Bituminous.
APPR. SLABS: A5-4-47

B.M. No. 59, Spk. in Tel. Pole, Rt. Sta. 389+45 Elev. = 803.20

DATA ON EXISTING BRIDGE

TYPE: Conc. slab, railings and substructure.
SPAN: 10'-3"
ROADWAY: 25'-8" (Ext)
SKEW: None.
APPR. SLABS: None.
WEARING SURF: Bituminous.
CONDITION: Poor. To be removed & disposed of.

STATE OF OHIO
DEPARTMENT OF HIGHWAYS
BUREAU OF BRIDGES AND RAILROAD CROSSINGS

STRUCTURAL DETAILS AND QUANTITIES BRIDGE NO. SE-23-76

Wyandot County
WYA-23-24.92
Seneca County
SEN-23-(0.00-6.69) Sta. 394+15

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVISED
J.P.S.	J.P.S.	J.P.S.		BFG		

Structure No. SE-23-76 29-C