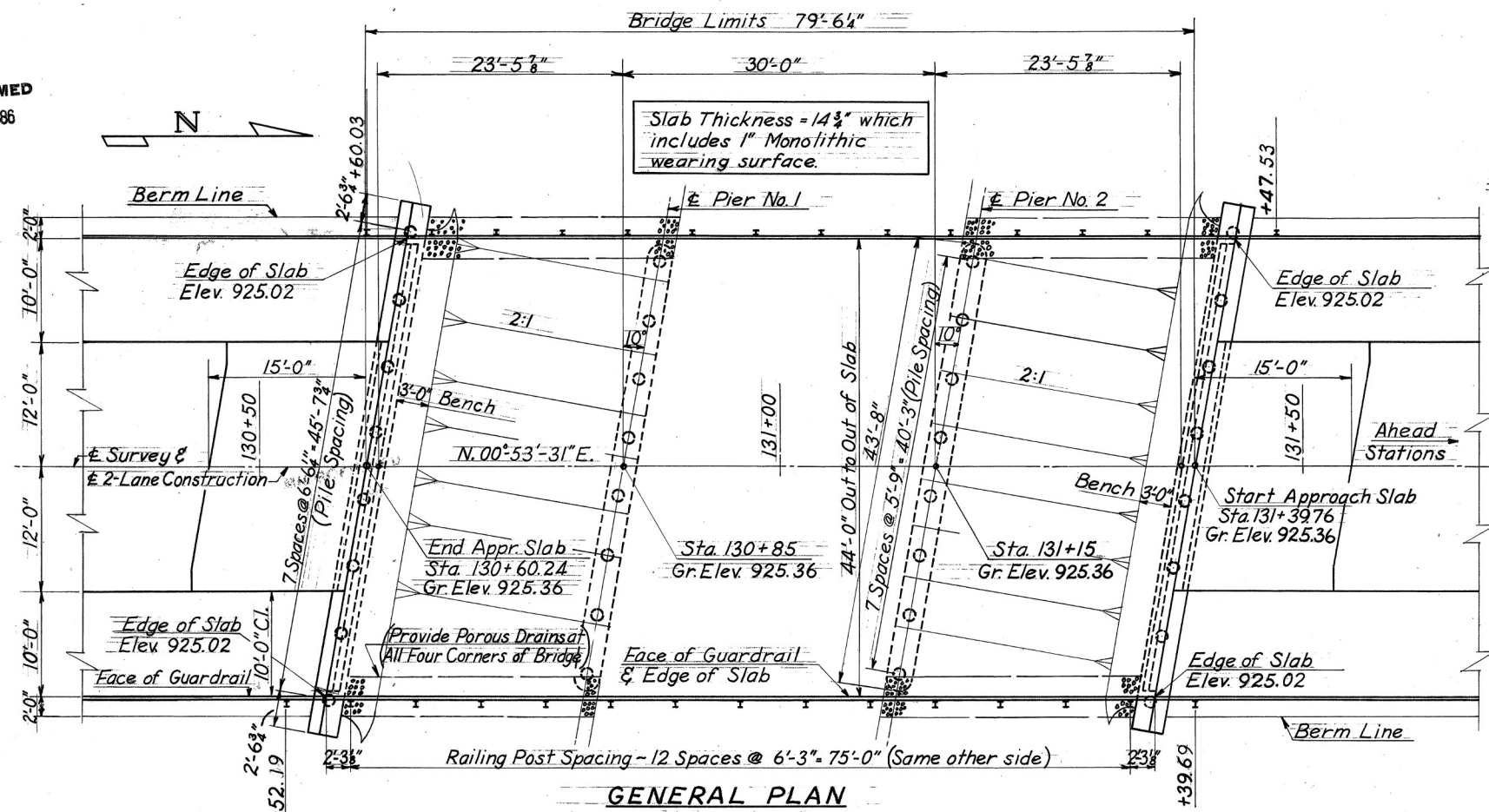


MICROFILMED
DEC 18 1986

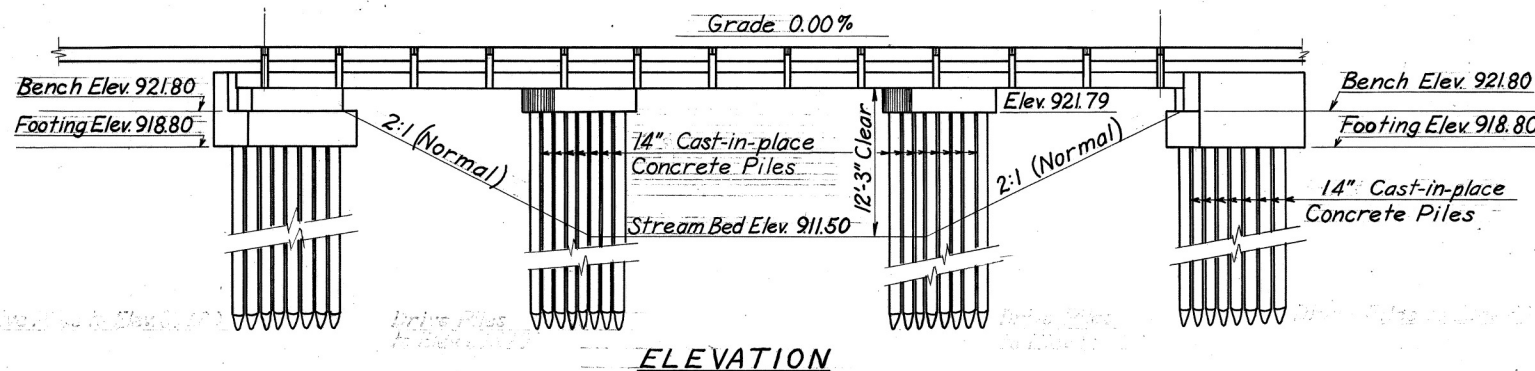
Fed. Rd. Div. No.	STATE	PROJECT	TYPE FUNDS
2	OHIO	F-420 (II)	

MED-42-1.89
MED-224-6.25



GENERAL NOTES

- Reference shall be made to the following Standard Drawings:
 Slab CS-1-54 Date 7-1-54 Revised 12-1-54
 Abutments A-1-54 Date 7-1-54 Revised 12-1-54
 Piers P-1-54 Date 7-1-54 Revised 12-1-54
- Design Specifications: This structure conforms to the requirements of Specifications for Highway Structure of the State of Ohio, Department of Public Safety, dated 10-1-51, together with revisions thereof dated 7-15-52, 4-1-54 and 2-1-54.
- Piles shall be driven to a minimum bearing capacity of 24 tons for the abutments and 32 tons for the piers. The length of penetration of every pile shall be at least 80% of the estimated average length of penetration of the pile pertinent pier or abutment as indicated on the plans unless a lesser penetration is approved by the Director.
- GALVANIZING of all members which are specified to be galvanized shall be called for in Sec. M-7.4 (d).
- Porous Drains, extending from face of abutment to Elevation 911.50, shall be provided at all four corners of the bridge. The drains shall be 4 ft wide and 4 in. thick.
- Gravel, if used as the coarse aggregate, shall be according to Sec. M-3.9, instead of M-3.91 for Class "C" concrete in the superstructure. Gravel meeting the requirements of Sec. M-3.93 also may be used for other concrete in the structure.
- Pier Pile Encasement as shown on Std. Dwg. No. P-1-54 may be omitted, provided that the tapered portion, if any, of ALL Pier Piles does not extend above the stream bed or the proposed surface of the ground. If the tapered portion of any pile extends above these limitations, the encasement will be required for all the pier piles. If the encasement is omitted, the painting of the piles shall extend to low water Elevation or, if the proposed surface of the ground is above low water, it shall extend to at least one foot below the proposed surface of ground.



ESTIMATED QUANTITIES

Item	Total	Unit	Description	Super.	Piers	Abut.	Gr.
E-2	59	C.Y.	Unclassified Excavation			59	
E-3	1940	C.Y.	Channel Excavation				1940
S-1	178	C.Y.	Class "C" Concrete, Superstructure & Pier Caps	161	17		
S-1	51	C.Y.	Class "E" Concrete, Abutments			51	
S-4	45880	Lbs.	Reinforcing Steel	36970	3220	5690	
S-14	159.04	Lin.ft.	Railing (Type I-15.13 with Galvanized Steel Bolts & Posts)	159.04			
S-18	780	Lin.ft.	14" Cast-in-place Rein. Conc. Piles		430	350	
S-29	14	C.Y.	Porous Drains on Embankment Slopes				14
S-29	20	C.Y.	Porous Backfill			20	
I-10	32	S.Y.	Type "A" Riprap, Concrete Slab				32
S-16	Lump	Sum	First Test Pile				

REINFORCING STEEL LIST

Superstructure				Abutments				Piers			
Mark	No.	Length	Weight	Mark	No.	Length	Weight	Mark	No.	Length	Weight
F964	84	23'-4"	6660	R401	64	5'-5"	230	P401	64	5'-5"	230
G964	42	10'-5"	1490	R501	16	26'-0"	430	P501	8	21'-6"	180
H964	40	8'-2"	1110	R502	156	6'-7"	1070	P502	68	8'-0"	570
A864	132	28'-1"	9900	R503	8	22'-6"	190	P503	8	6'-4"	50
B864	44	21'-0"	2470	R504	24	5'-4"	130	P701	96	4'-0"	780
C864	42	18'-4"	2050	R505	34	7'-11"	280	P901	8	22'-0"	600
D864	22	19'-6"	1150	R506	8	12'-9"	110	PI001	8	23'-6"	810
E864	21	15'-10"	890	R507	16	5'-0"	80				
M701	134	23'-0"	6290	R508	28	6'-8"	195				
J601	42	14'-1"	890	R509	28	8'-5"	245				
K601	21	12'-0"	380	R801	16	26'-6"	1130				
N601	108	22'-9"	3690	R1001	16	23'-3"	1600				

REPLACEMENT BAR SCHEDULE

Size	No.	Length	Shape
4	1	5'-3"	S
5	1	5'-7"	S
6	1	5'-11"	S
7	1	6'-2"	S
8	1	6'-6"	S
9	1	6'-10"	S
10	1	7'-2"	S

MICHAEL BAKER, JR.
Consulting Engineer

GENERAL PLAN & ELEVATION
BRIDGE NO. MED-42-0248
OVER CLEAR CREEK
MEDINA COUNTY STA. 130+60
131+39

DATE: APRIL, 1954

Designed	Drawn	Traced	Checked	Reviewed	Date
J.D.	J.D.	C.S.	A.F.O.		