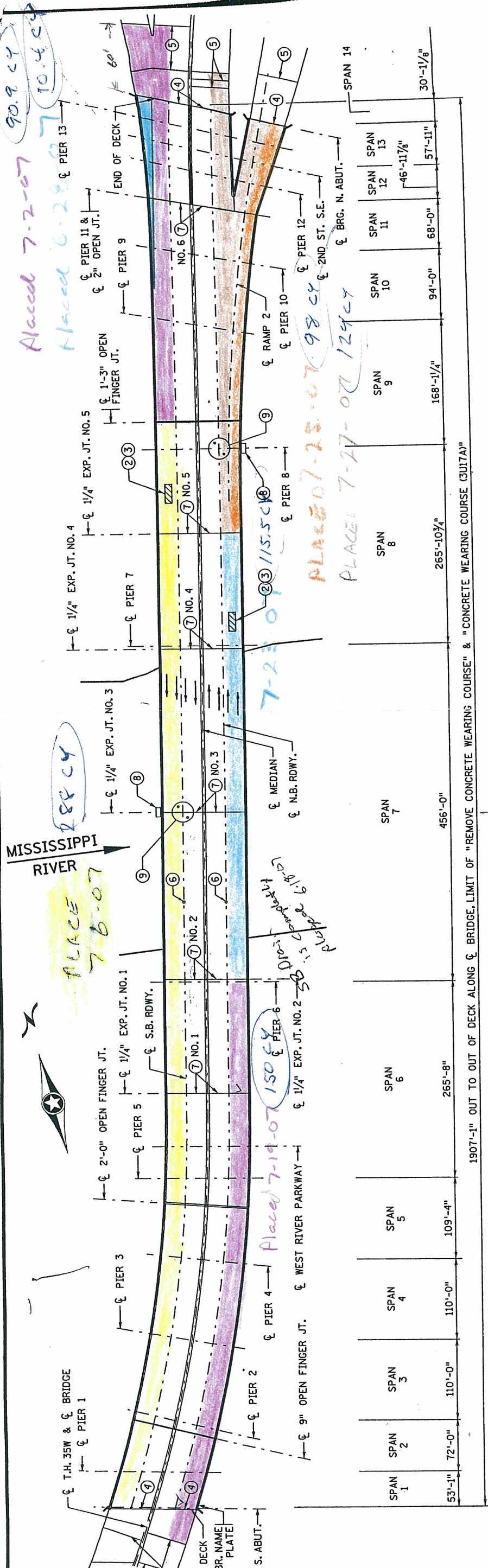
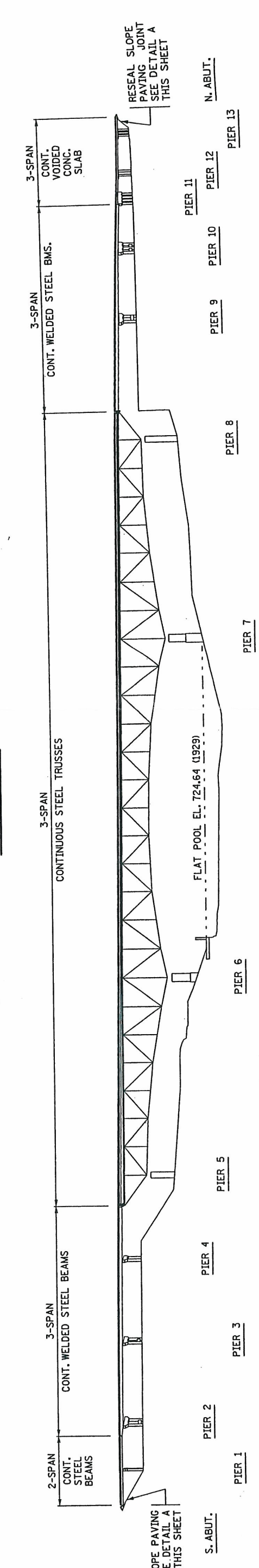


**MINNEAPOLIS HIGHWAY CONSTRUCTION FACTORS
ATTACHMENT 3
DIAGRAMS FOR OVERLAYS
BRIDGE 9340 COLLAPSE
MINNEAPOLIS, MN.; 8/1/07
HWY-07-MH024**



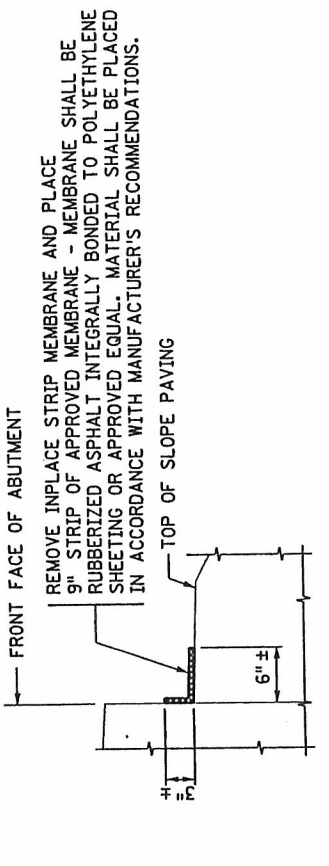
GENERAL PLAN



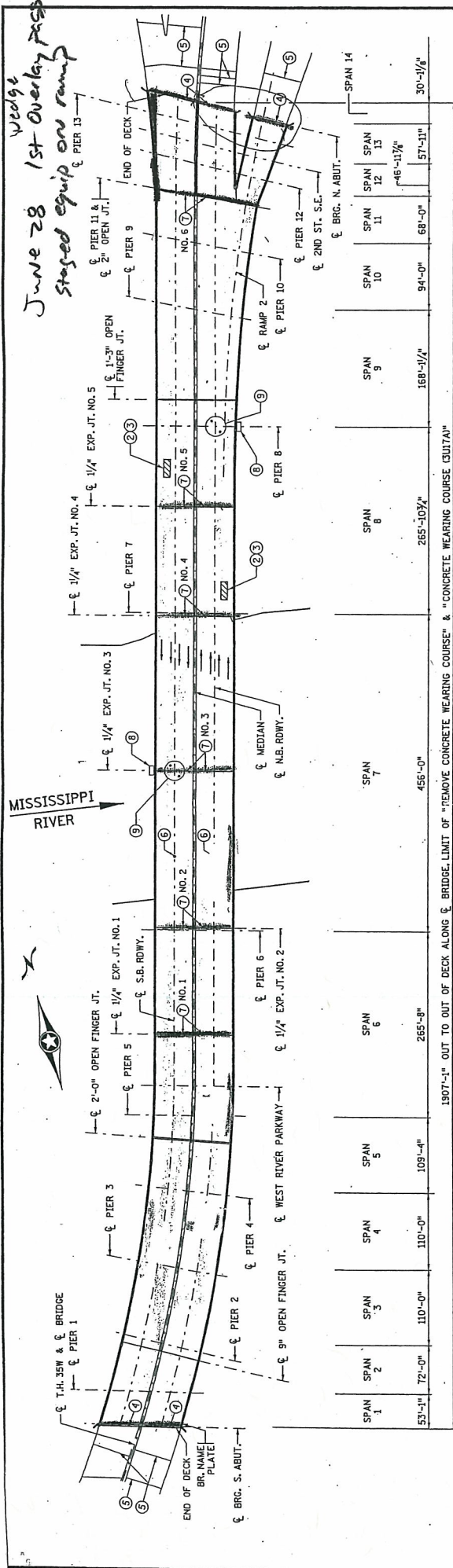
GENERAL ELEVATION

NOTES FOR REPAIR

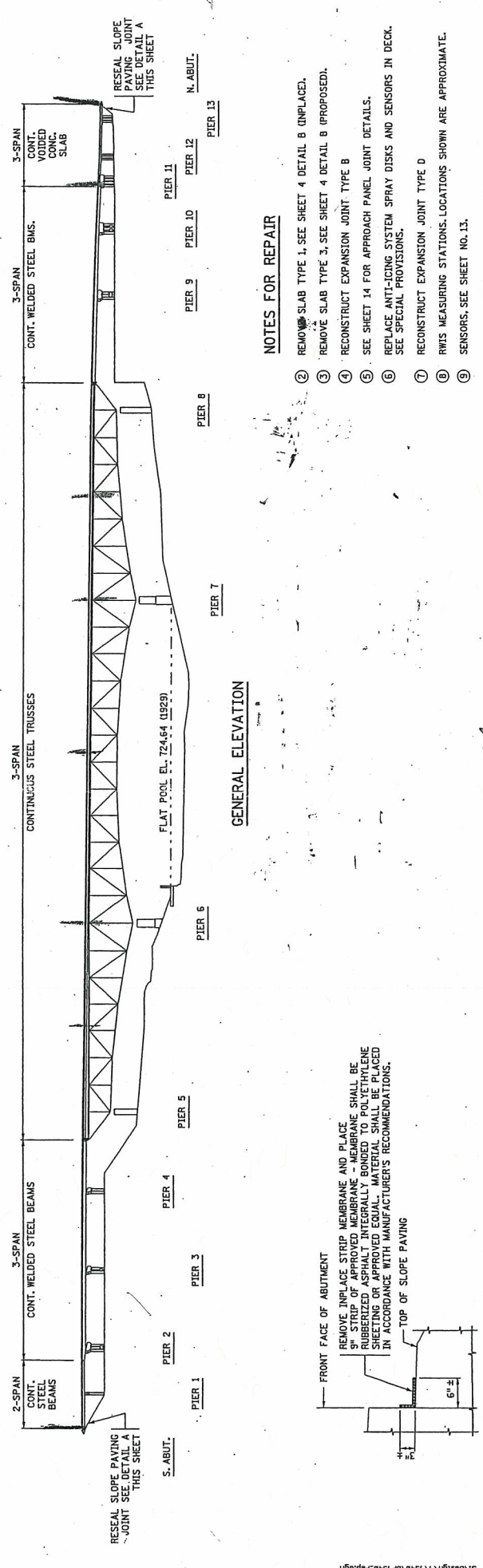
- ② REMOVE SLAB TYPE 1, SEE SHEET 4 DETAIL B (INPLACED).
- ③ REMOVE SLAB TYPE 3, SEE SHEET 4 DETAIL B (PROPOSED).
- ④ RECONSTRUCT EXPANSION JOINT TYPE B
- ⑤ SEE SHEET 14 FOR APPROACH PANEL JOINT DETAILS.
- ⑥ REPLACE ANTI-ICING SYSTEM SPRAY DISKS AND SENSORS IN DECK. SEE SPECIAL PROVISIONS.
- ⑦ RECONSTRUCT EXPANSION JOINT TYPE D
- ⑧ RWIS MEASURING STATIONS. LOCATIONS SHOWN ARE APPROXIMATE.
- ⑨ SENSORS, SEE SHEET NO. 13.



DETAIL A



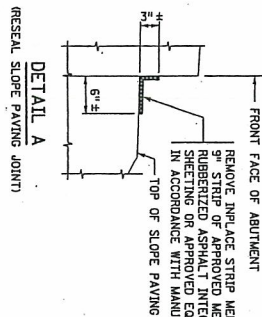
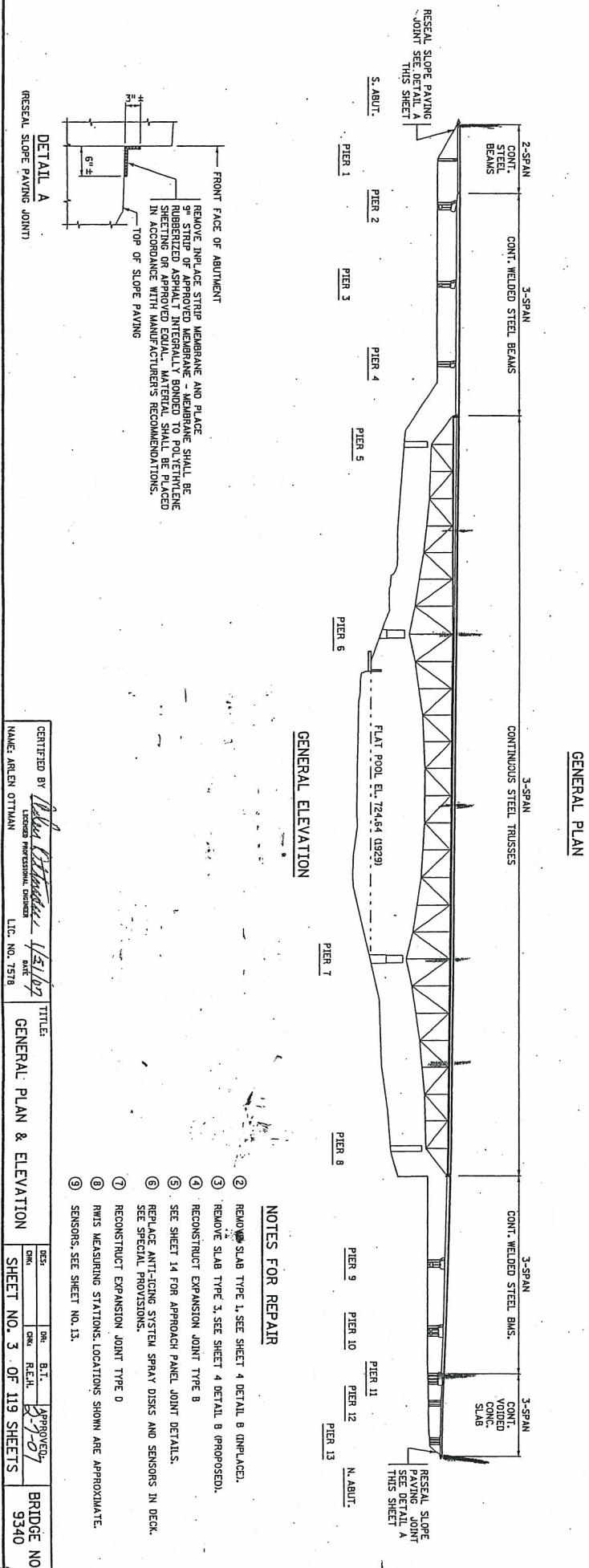
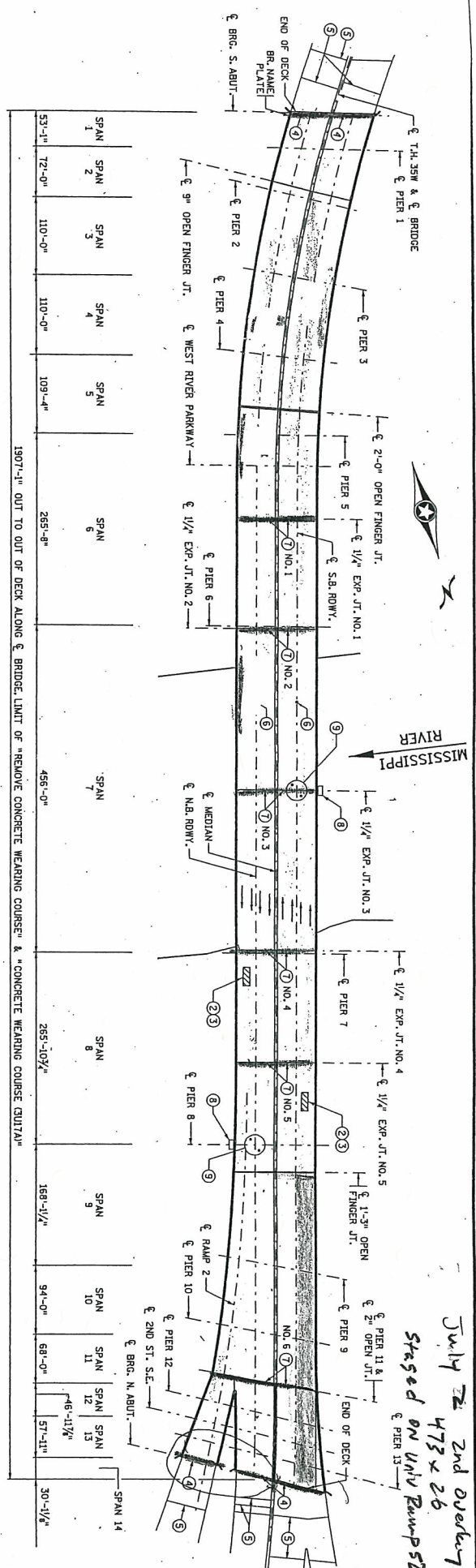
GENERAL PLAN



GENERAL ELEVATION

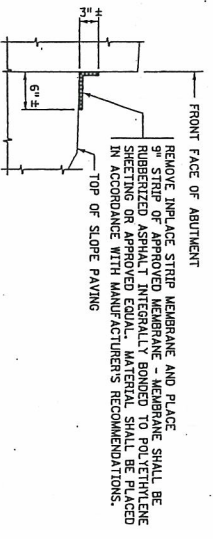
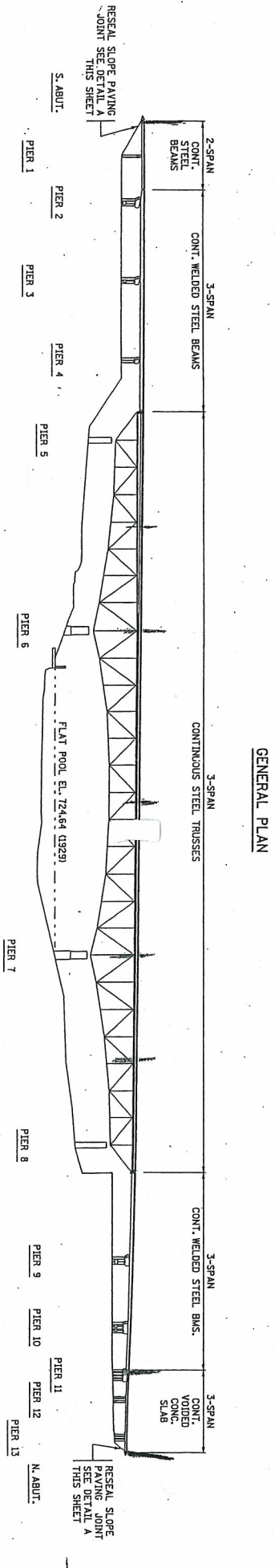
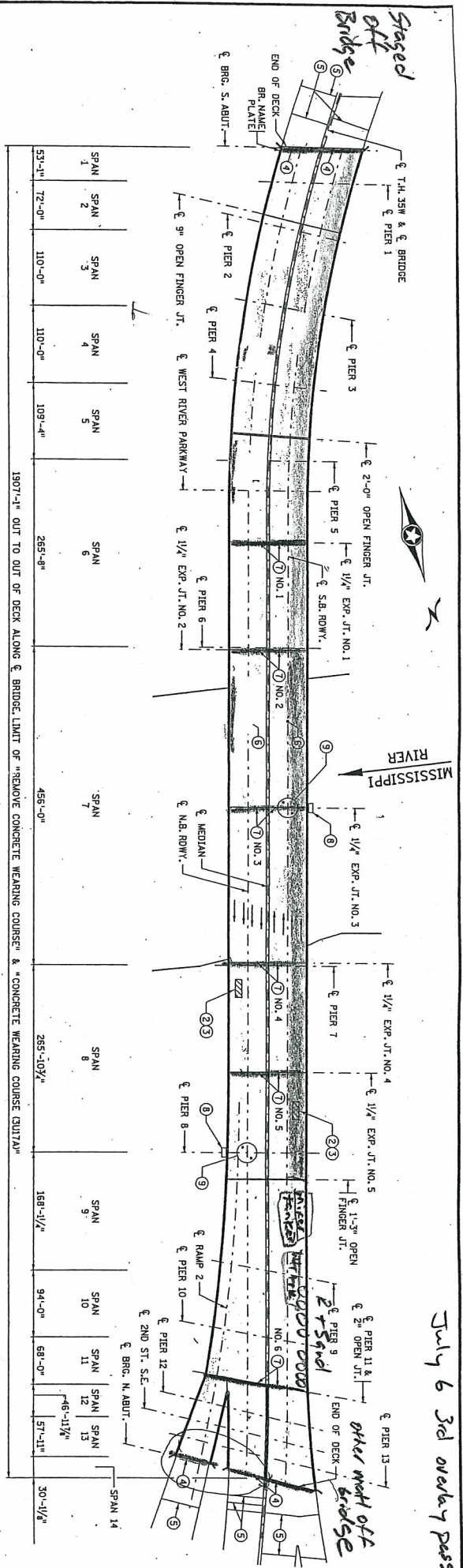
- NOTES FOR REPAIR**
- REMOVE SLAB TYPE 1. SEE SHEET 4 DETAIL B (UNPLACED).
 - REMOVE SLAB TYPE 3. SEE SHEET 4 DETAIL B (PROPOSED).
 - RECONSTRUCT EXPANSION JOINT TYPE B
 - SEE SHEET 14 FOR APPROACH PANEL JOINT DETAILS.
 - REPLACE ANTI-ICING SYSTEM SPRAY DISKS AND SENSORS IN DECK. SEE SPECIAL PROVISIONS.
 - RECONSTRUCT EXPANSION JOINT TYPE D
 - RMS MEASURING STATIONS. LOCATIONS SHOWN ARE APPROXIMATE.
 - SENSORS. SEE SHEET NO. 13.

July 22 2nd Overlay
 STAGED ON UNIV RAMP(SB)
 473 x 26
 PIER 13



- ### NOTES FOR REPAIR
- ① REMOVE SLAB TYPE 1, SEE SHEET 4 DETAIL B (UNPLACED).
 - ② REMOVE SLAB TYPE 3, SEE SHEET 4 DETAIL B (PROPOSED).
 - ③ RECONSTRUCT EXPANSION JOINT TYPE B
 - ④ SEE SHEET 14 FOR APPROACH PANEL JOINT DETAILS.
 - ⑤ REPLACE ANTI-ICING SYSTEM SPRAY DISKS AND SENSORS IN DECK. SEE SPECIAL PROVISIONS.
 - ⑥ RECONSTRUCT EXPANSION JOINT TYPE D
 - ⑦ RWIS MEASURING STATIONS, LOCATIONS SHOWN ARE APPROXIMATE.
 - ⑧ SENSORS, SEE SHEET NO. 13.

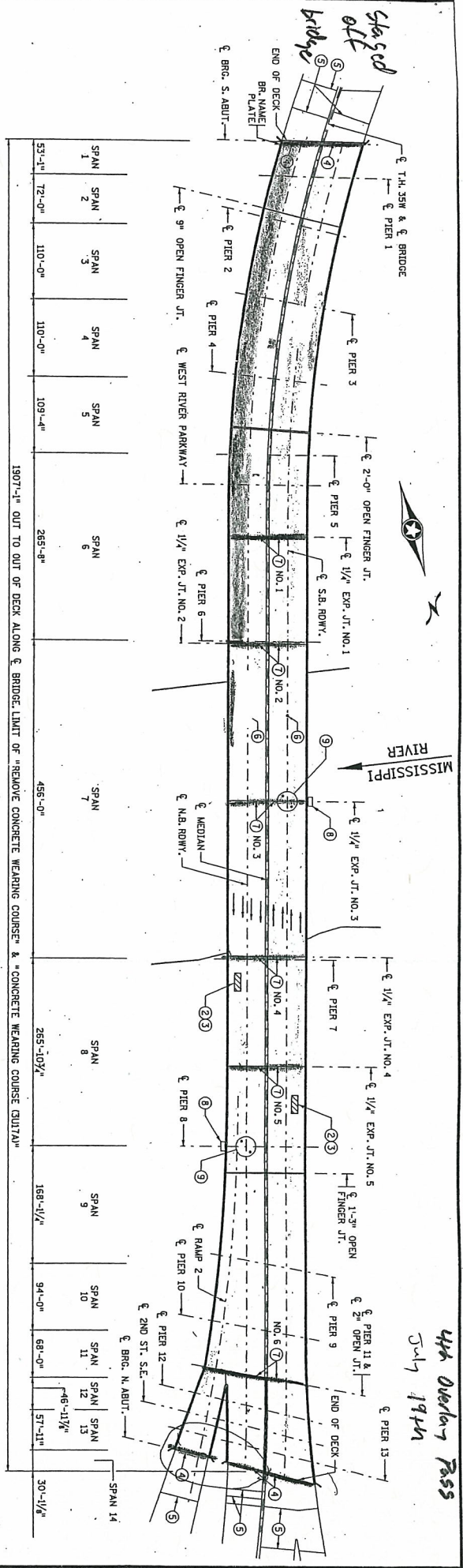
CERTIFIED BY <i>[Signature]</i>			TITLE:		
NAME: ARLEN OTTMAN	LICENSED PROFESSIONAL ENGINEER	LIC. NO. 7518	GENERAL PLAN & ELEVATION		
DATE: 1/21/19	SHEET NO. 3 OF 119 SHEETS				
BRIDGE NO. 9340					



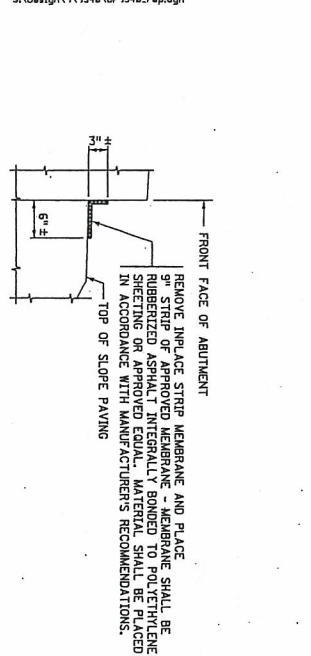
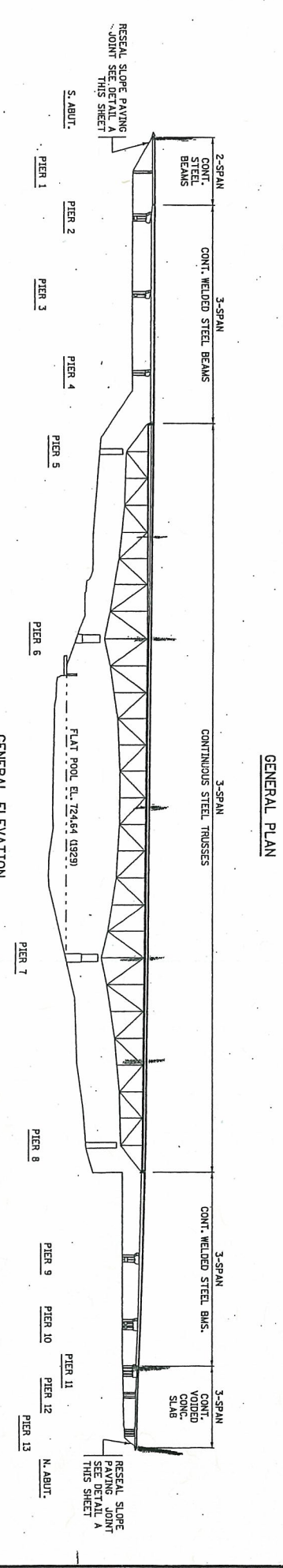
NOTES FOR REPAIR

- ① REMOVE SLAB TYPE 1, SEE SHEET 4 DETAIL B (IN PLACE).
- ② REMOVE SLAB TYPE 3, SEE SHEET 4 DETAIL B (PROPOSED).
- ③ RECONSTRUCT EXPANSION JOINT TYPE B
- ④ SEE SHEET 14 FOR APPROACH PANEL JOINT DETAILS.
- ⑤ REPLACE ANTI-FADING SYSTEM SPRAY DISKS AND SENSORS IN DECK. SEE SPECIAL PROVISIONS.
- ⑥ RECONSTRUCT EXPANSION JOINT TYPE D
- ⑦ RWS MEASURING STATIONS, LOCATIONS SHOWN ARE APPROXIMATE.
- ⑧ SENSORS, SEE SHEET NO. 13.

CERTIFIED BY	<i>[Signature]</i>	TITLE	GENERAL PLAN & ELEVATION
DESIGNED BY	<i>[Signature]</i>	DATE	1/31/07
MADE: ARLIN OTTMAN	LIC. NO. 7578		
CHKD.	ONE	B.I.T.	APPROVED
DATE	8-7-07	RE.H.	BRIDGE NO. 9340
SHEET NO. 3 OF 119 SHEETS			



4th Overlay Pass
July 1974

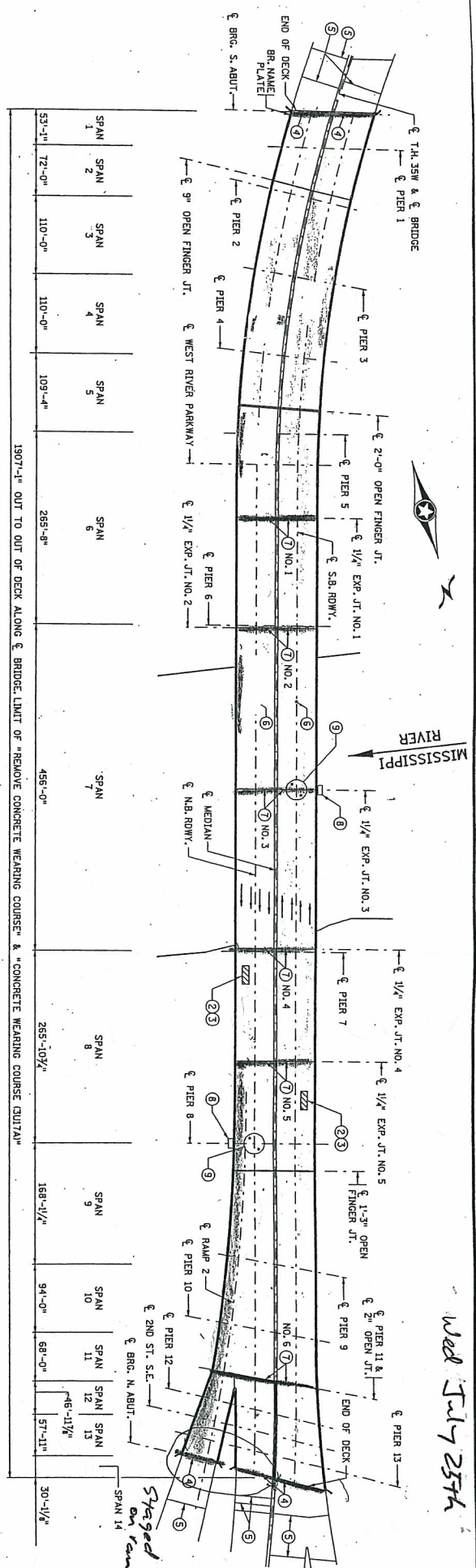


NOTES FOR REPAIR

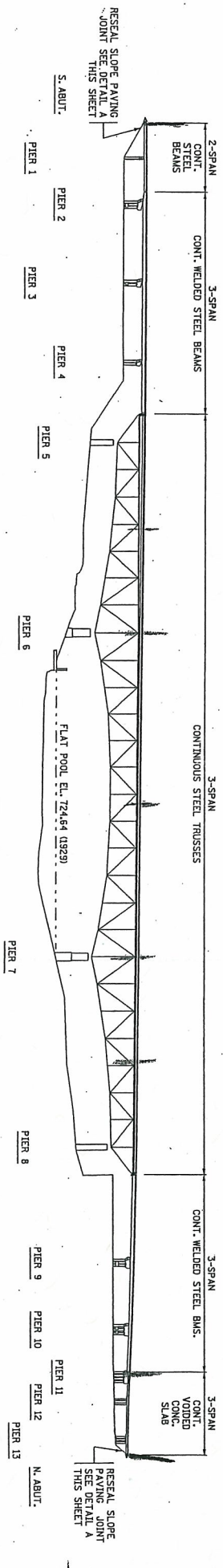
- ① REMOVE SLAB TYPE 1. SEE SHEET 4 DETAIL B (ONPLACE).
- ② REMOVE SLAB TYPE 3. SEE SHEET 4 DETAIL B (PROPOSED).
- ③ RECONSTRUCT EXPANSION JOINT TYPE B.
- ④ SEE SHEET 14 FOR APPROACH PANEL JOINT DETAILS.
- ⑤ REPLACE ANTIFACING SYSTEM SPRAY DISKS AND SENSORS IN DECK. SEE SPECIAL PROVISIONS.
- ⑥ RECONSTRUCT EXPANSION JOINT TYPE D.
- ⑦ RWS MEASURING STATIONS, LOCATIONS SHOWN ARE APPROXIMATE.
- ⑧ SENSORS, SEE SHEET NO. 13.

CERTIFIED BY: *[Signature]*
DATE: 1/31/07
LIC. NO. 7578

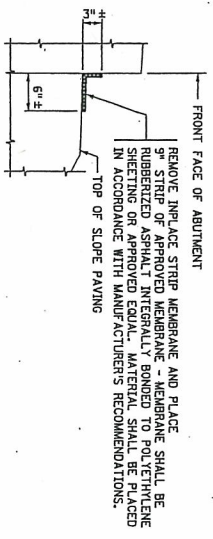
TITLE: GENERAL PLAN & ELEVATION
SHEET NO. 3 OF 119 SHEETS
BRIDGE NO. 9340



GENERAL PLAN



GENERAL ELEVATION

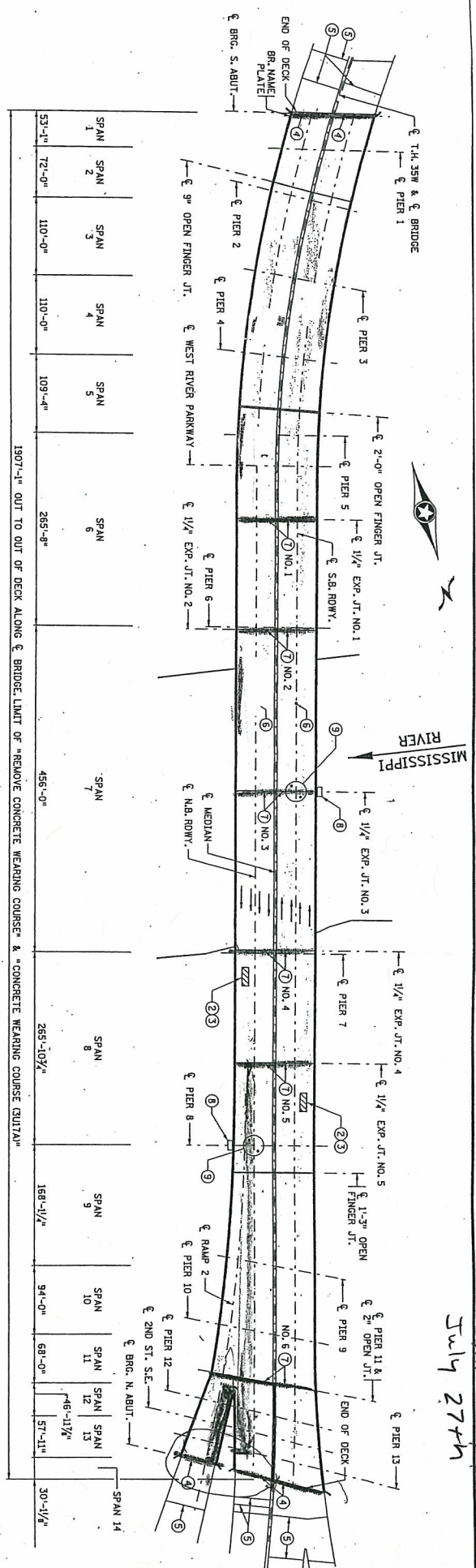


DETAIL A
RESEAL SLOPE PAVING JOINT

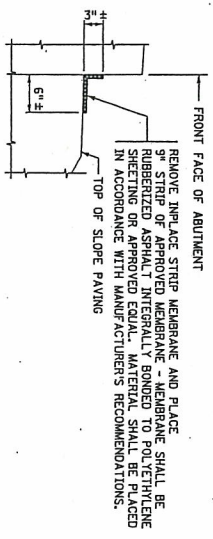
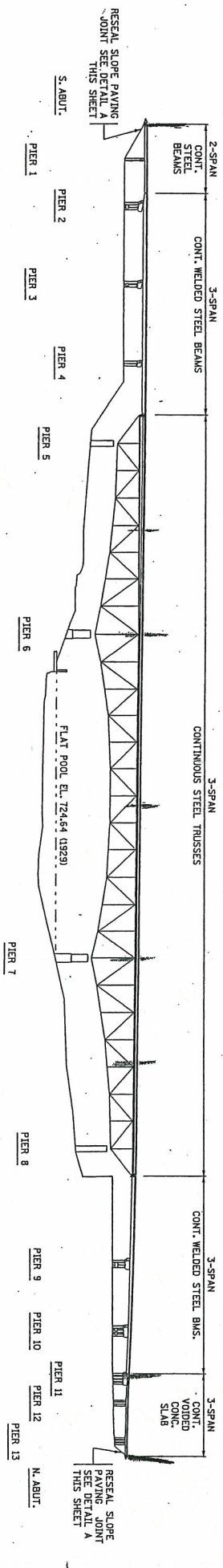
- NOTES FOR REPAIR**
- ① REMOVE SLAB TYPE 1, SEE SHEET 4 DETAIL B (UNPLACED).
 - ② REMOVE SLAB TYPE 3, SEE SHEET 4 DETAIL B (PROPOSED).
 - ③ RECONSTRUCT EXPANSION JOINT TYPE B
 - ④ SEE SHEET 14 FOR APPROACH PANEL JOINT DETAILS.
 - ⑤ REPLACE ANTI-ICING SYSTEM SPRAY DISKS AND SENSORS IN DECK, SEE SPECIAL PROVISIONS.
 - ⑥ RECONSTRUCT EXPANSION JOINT TYPE D
 - ⑦ RMS MEASURING STATIONS, LOCATIONS SHOWN ARE APPROXIMATE.
 - ⑧ SENSORS, SEE SHEET NO. 13.

CERTIFIED BY		DATE		TITLE	
<i>[Signature]</i>		1/31/07		GENERAL PLAN & ELEVATION	
NAME: ARLEN OTTMAN		LIC. NO. 7578		SHEET NO. 3 OF 119 SHEETS	
DESIGNER	CHECKED	B.O.T.	APPROVED	BRIDGE NO. 9340	

Wed July 25th



July 27th



NOTES FOR REPAIR

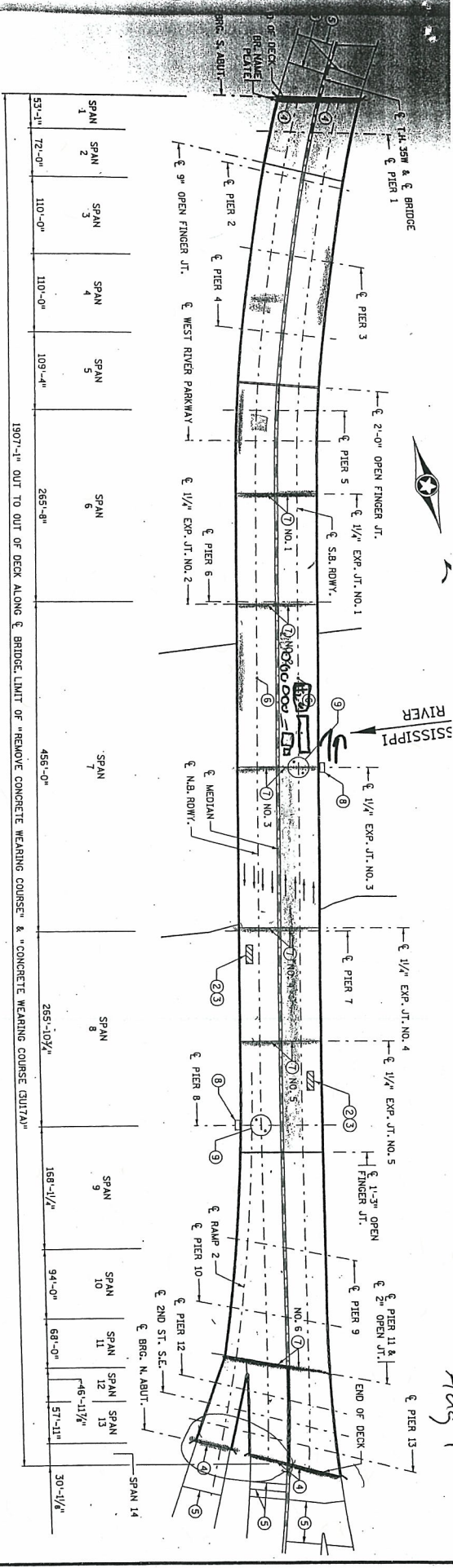
- ① REMOVE SLAB TYPE 1, SEE SHEET 4 DETAIL B (REPLACED).
- ② REMOVE SLAB TYPE 3, SEE SHEET 4 DETAIL B (PROPOSED).
- ③ RECONSTRUCT EXPANSION JOINT TYPE B
- ④ SEE SHEET 14 FOR APPROACH PANEL JOINT DETAILS.
- ⑤ REPLACE ANTI-CRACKING SYSTEM SPRAY DISKS AND SENSORS IN DECK, SEE SPECIAL PROVISIONS.
- ⑥ RECONSTRUCT EXPANSION JOINT TYPE D
- ⑦ RWIS MEASURING STATIONS, LOCATIONS SHOWN ARE APPROXIMATE.
- ⑧ SENSORS, SEE SHEET NO. 13.

CERTIFIED BY		DATE		TITLE	
<i>[Signature]</i>		1/31/07		GENERAL PLAN & ELEVATION	
LICENSED PROFESSIONAL ENGINEER		LIC. NO. 15718		SHEET NO. 3 OF 119 SHEETS	
DES.	DR.	B.T.	APPROVED	BRIDGE NO. 9340	
CHK.	CHK.	REL.	8-7-07		

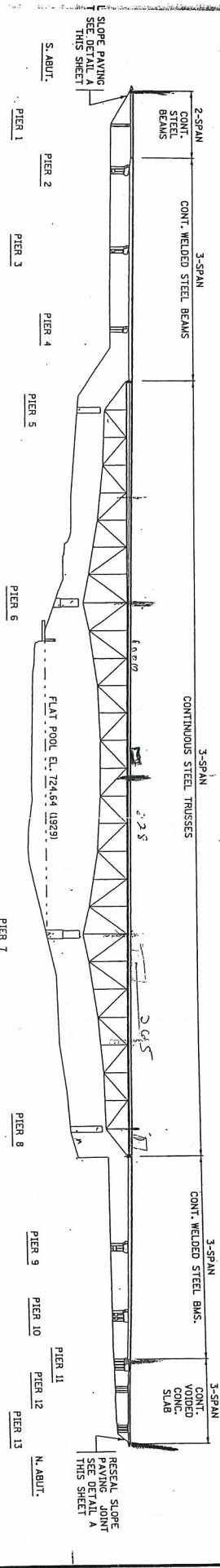
DETAIL A
RESEAL SLOPE PAYING JOINT

GENERAL ELEVATION

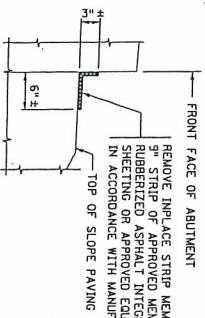
GENERAL PLAN



GENERAL PLAN



GENERAL ELEVATION



DETAIL A
RESEAL SLOPE PAVING JOINT

NOTES FOR REPAIR

- ① REMOVE SLAB TYPE 1, SEE SHEET 4 DETAIL B (IMPLACED).
- ② REMOVE SLAB TYPE 3, SEE SHEET 4 DETAIL B (PROPOSED).
- ③ RECONSTRUCT EXPANSION JOINT TYPE B
- ④ SEE SHEET 14 FOR APPROACH PANEL JOINT DETAILS.
- ⑤ REPLACe ANTI-CRACK SYSTEM SPRAY OSKs AND SENSORS IN DECK, SEE SPECIAL PROVISIONS.
- ⑥ RECONSTRUCT EXPANSION JOINT TYPE D
- ⑦ RWIS MEASURING STATIONS LOCATIONS SHOWN ARE APPROXIMATE.
- ⑧
- ⑨ SENSORS, SEE SHEET NO. 13.

TPB 0977 285 LF
 683 LF
 2050 LF (50%)
 Repair 0100
 2050 LF (50%)

CERTIFIED BY	<i>[Signature]</i>	TITLE	GENERAL PLAN & ELEVATION
LICENSED PROFESSIONAL ENGINEER		DATE	1/31/69
NAME: ARLEN OTTMAN		LIC. NO. 7578	
DESIGNER	DR. B.T.	APPROVED	BRIDGE NO. 9340
CHECKER	RE.H.		
SHEET NO. 3 OF 119 SHEETS			