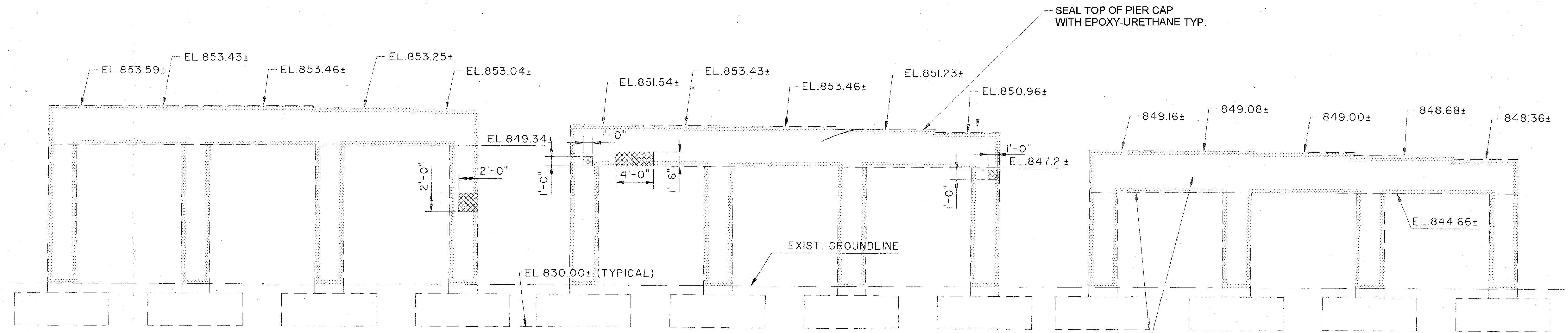


PIER 1 ELEVATION
(LOOKING EAST)

PIER 2 ELEVATION
(LOOKING EAST)

PIER 3 ELEVATION
(LOOKING EAST)



PIER 1 ELEVATION
(LOOKING WEST)

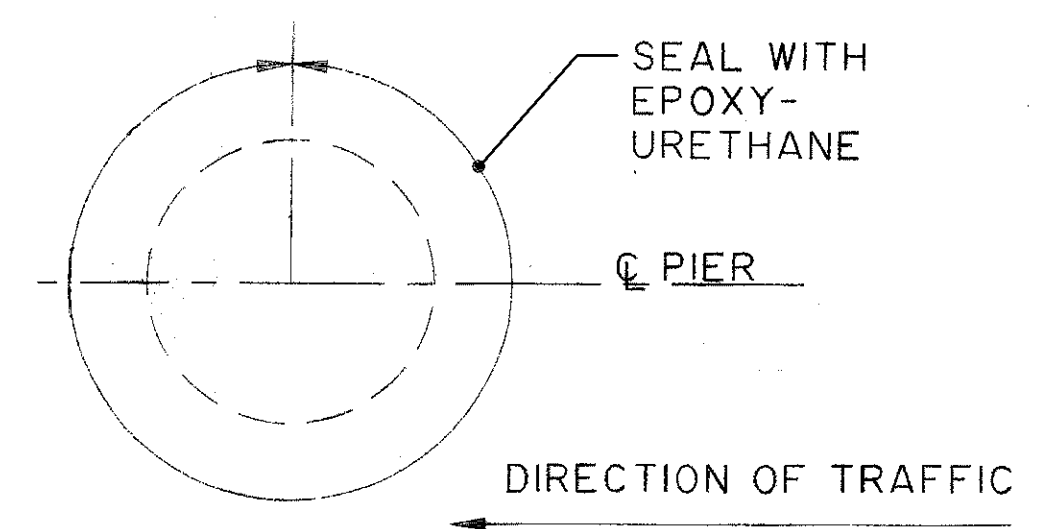
PIER 2 ELEVATION
(LOOKING WEST)

PIER 3 ELEVATION
(LOOKING WEST)

LEGEND

- ITEM 519, PATCHING CONCRETE STRUCTURES, AS PER PLAN
- SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)
- ITEM 843, PATCHING CONCRETE STRUCTURE WITH TROWELABLE MORTAR

- NOTES:**
- ALL ELEVATIONS SHOWN WITH REFERENCE TO THE EXISTING PIERS ARE APPROXIMATE.
 - SEAL ALL EXPOSED SURFACES OF PIERS AS INDICATED AFTER COMPLETION OF PATCHING REPAIRS.



TYPICAL COLUMN SEALING

ESTIMATED QUANTITIES			
ITEM	DESCRIPTION	QUANTITY	
		MEASURED	ESTIMATED
843	PATCHING CONCRETE STRUCTURE WITH TROWELABLE MORTAR	41 SF	123 SF
519	PATCHING CONCRETE STRUCTURE, AS PER PLAN	17 SF	51 SF

THE OSBORN ENGINEERING COMPANY 31/52
CONSULTING ENGINEERS
CLEVELAND, OHIO 44114

PIER PATCHING DETAILS
BRIDGE NO. LAK-90-2515
RIVER ROAD OVER I-90

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	OHIO
LYH	BFG		JRS	GA	2/94	REVISION 8/17/94 52489

File name: K:\VOLI\0007\0180\STRUCT\0185276
 Date: 09/15/94
 Drawn by: BFG / 05-17-94 (08:43)

RIVER ROAD