

MICROFILMED
SEP 18 1986

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

385
394

LAK-2-0.00

GENERAL NOTES

REFERENCE shall be made to Standard Drawing RB-1-55 dated 2-2-59.

DESIGN SPECIFICATIONS: This structure conforms to the requirements of "Design Specifications for Highway Structures" of the State of Ohio, Department of Highways, dated 9-1-57.

PIER PILES shall be driven to firm contact with rock. If the length of penetration is approximately equal to the depth to rock according to the bridge foundation investigation report, the firm contact shall be considered as attained when the capacity according to the formula in Sec. 5-18.05 is not less than the following value for a pile hammer of the indicated energy rating:

- 43 tons per pile using a 11,000 ft. lb. hammer
- 36 tons per pile using a 15,000 ft. lb. or greater hammer

If the energy rating of the hammer is between the ratings as shown above, the required formula capacity shall be determined by interpolation. The design load is 35 tons per pile.

FOUNDATION BEARING PRESSURE: Abutment footings are designed for a maximum bearing pressure of 2.5 tons per sq. ft.

WELDING of structural steel shall be Class "A" except as otherwise shown. Welds shown as field welds may, at the option of the Contractor, be made in the shop.

CONCRETE DECK PLACING: In order to facilitate water curing of the concrete of the deck slab, the placing of concrete shall progress upward. The slab may be placed in sections, between transverse construction joints which are normal to the centerline of bridge and are located near the center of any span.

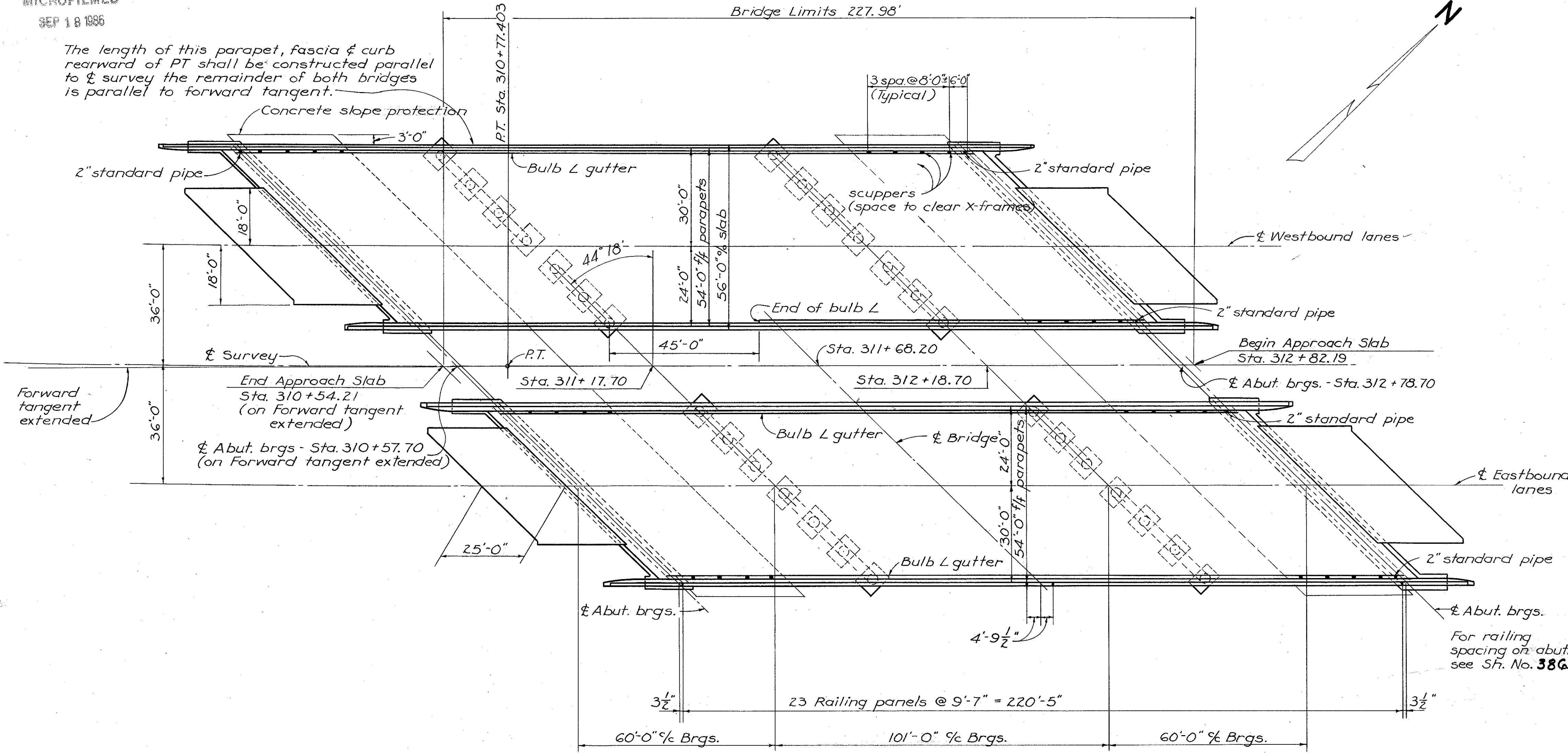
PROCEDURE: The embankments shall be placed and compacted up to the finished spill-thru slope and to the level of the subgrade for a distance of 200 feet back of the abutments for a period of 90 days before any excavation is begun for piers and abutments. The 90 day waiting period may be shortened if observations indicate settlement has ceased and approval of the Director is obtained.

POROUS BACKFILL in back of the abutments shall extend upward to the approach slab and to the surface of the earth shoulders, and outward to the turn-back wings. Excavation therefor, in excess of that required for construction of the abutment, shall be considered as paid for in the bid price per cu. yd. paid for porous backfill.

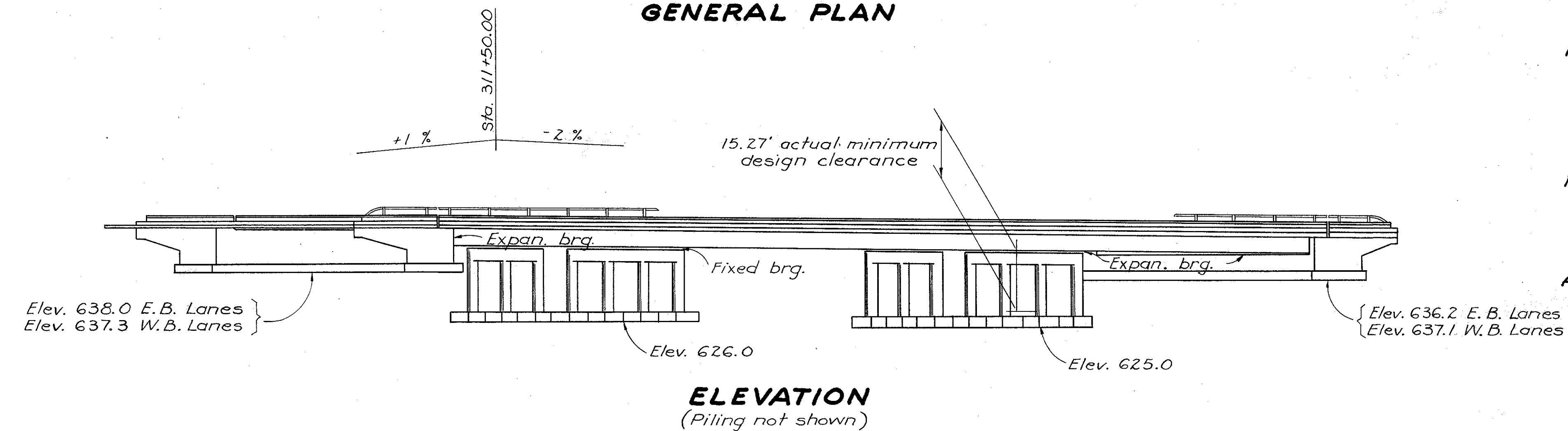
PAINTING: After erection and after the shop coat has been cleaned and, where necessary, repainted in accordance with Sec. 5-8.04, an additional coat of the same paint as used in the shop shall be applied over the outside face of the outside steel girders and all sides of bottom flange.

ADDITIONAL GENERAL NOTES: For additional notes see sheet

For "ESTIMATED QUANTITIES" see sheet No. 388.



GENERAL PLAN



ELEVATION
(Piling not shown)

STATE OF OHIO DEPARTMENT OF HIGHWAYS DIVISION OF DESIGN AND CONSTRUCTION BUREAU OF BRIDGES						
GENERAL PLAN, ELEVATION & GENERAL NOTES						
BRIDGE No. LAK-2-0401 L&R OVER VINE STREET						
LAKE COUNTY			Sta. 310 + 54.21 312 + 82.19			
DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVISED
RHN	RHN	JGW	RJG	BF	2-20-59	5-11-59