

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
4-0	LACKAWANNA	5 PAR	7F	3 of 4

City of Scranton

REQUIRED LIST

ENTIRE PROJECT

- 5410 CY Flushing Material
- 60 L.F. 6" Bore Hole
- 60 L.F. 2" to 6" Pilot Bore Hole
- 60 L.F. 28" Bore Hole (Access)
- 40 L.F. 28" Bore Hole (Escape)
- 60 L.F. 6" Casing Pipe
- 10 L.F. 28" Casing Pipe
- 1210 S.F. Bulkhead
- 600 L.F. Drain Boxes

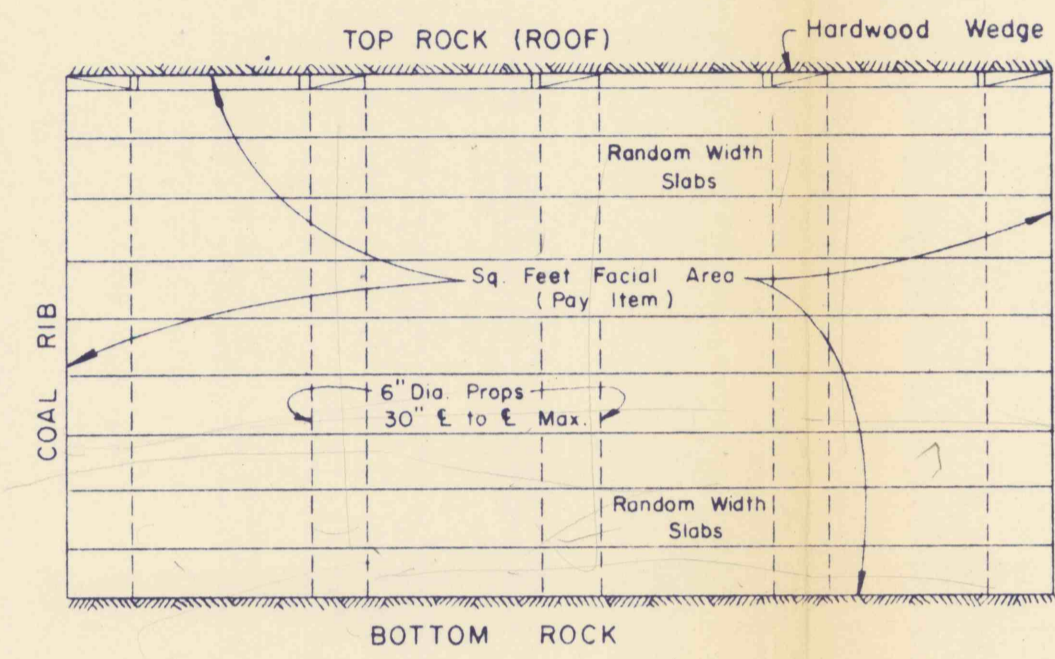
See Special Requirements in the Proposal

GENERAL NOTES

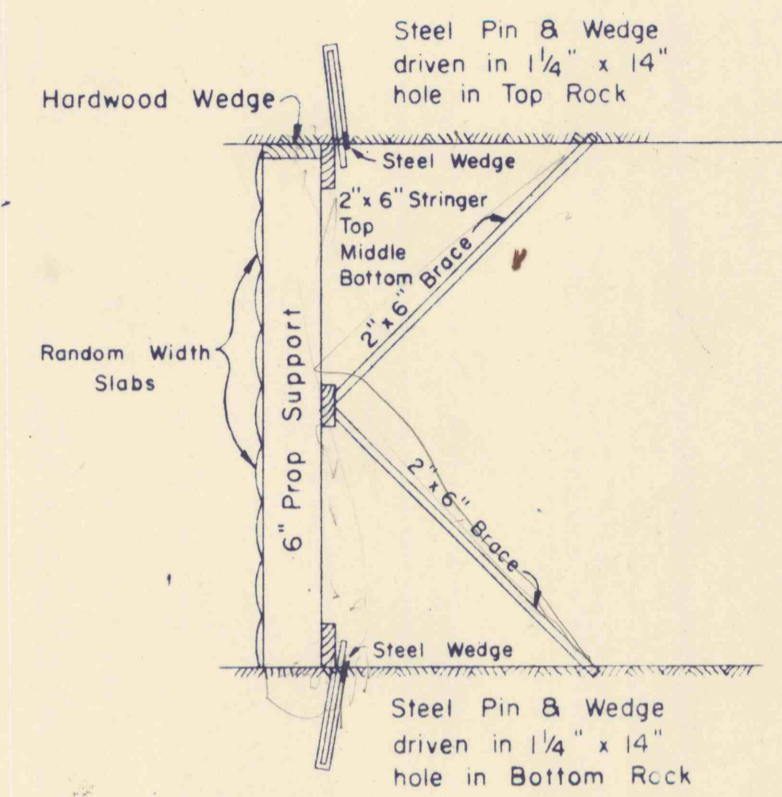
This project shall be constructed in accordance with Specification Form 408 dated 1960 unless otherwise noted in the Special Requirements.

See Special Requirements in the Proposal for Public Convenience and Safety relative to the maintenance of Highway Traffic.

This is a Federal Aid Project and as such is subject to inspection by Representatives of the Bureau of Public Roads.



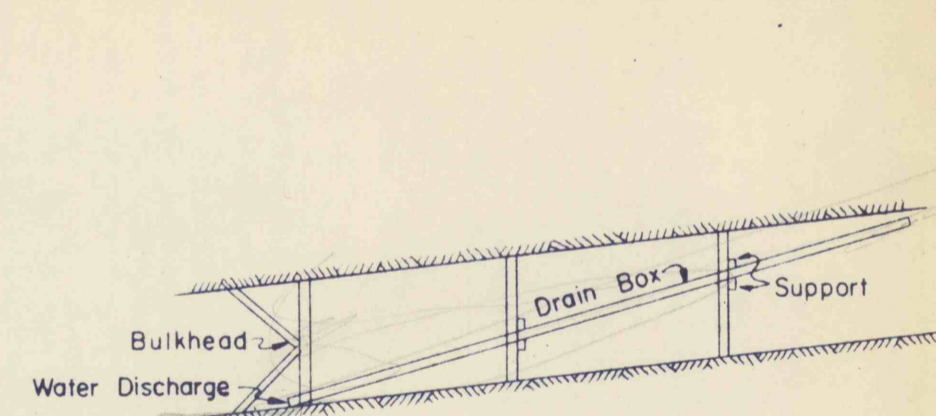
ELEVATION



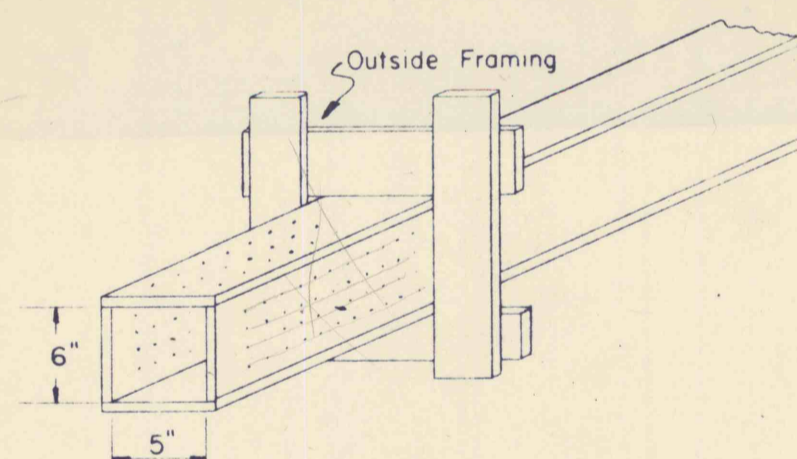
SECTION

DETAIL OF BULKHEAD

No Scale



SECTION



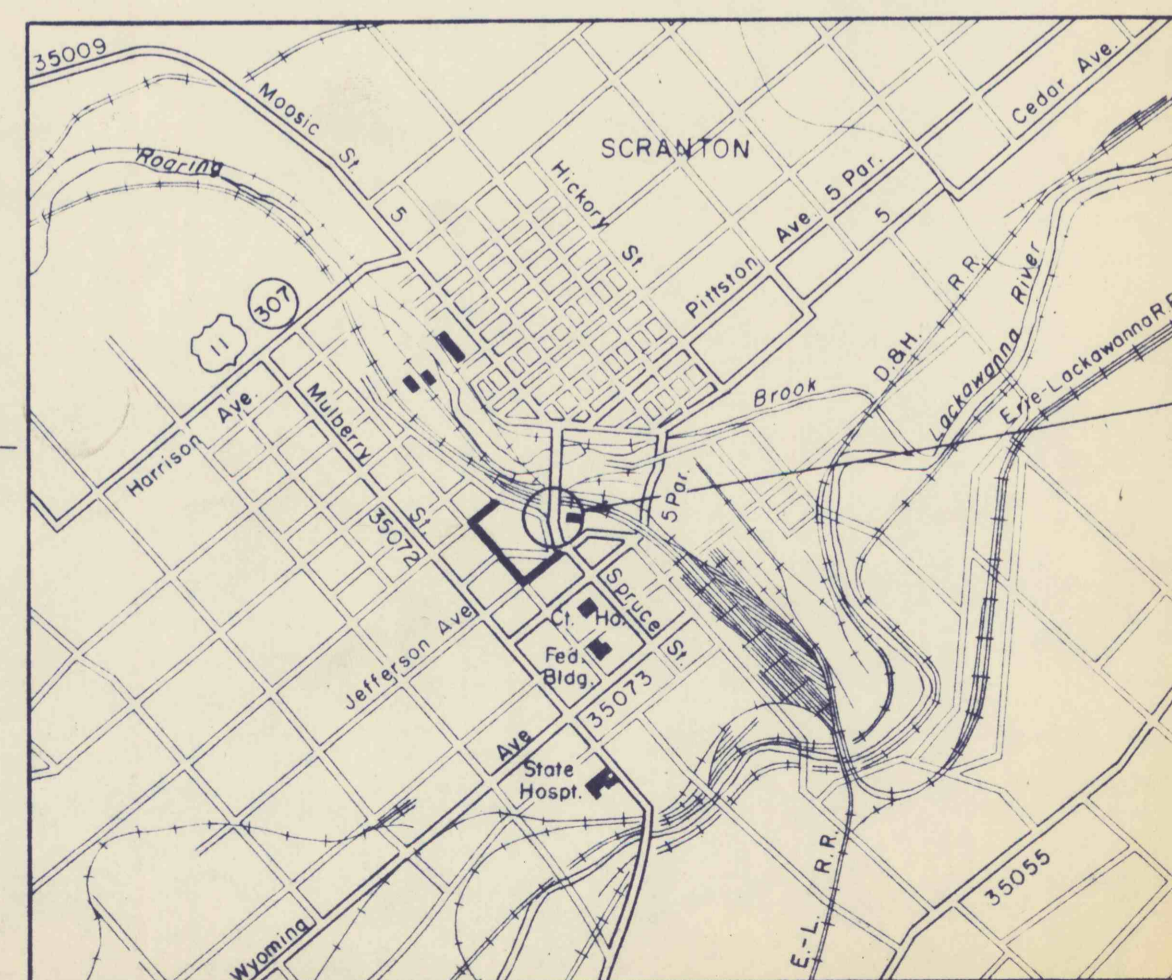
PLAN

DETAIL OF DRAIN BOX

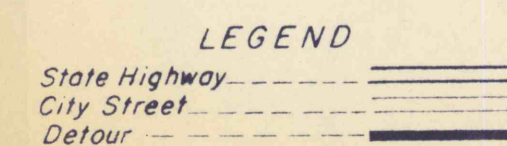
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Notes:

Drain boxes required will depend on water-solid proportions and pitch of vein. Holes should be 1/2" to 3/4" and at least 50 per sq. ft. Holes should be drilled with "twisted" wood bit to produce ragged holes to minimize loss of fines thru holes. Holes should not be drilled in bottom. Boxes should be supported by outside frames to insure against collapse and adequately supported to insure against movement in any direction. Boxes should extend beyond maximum limits of flushing.



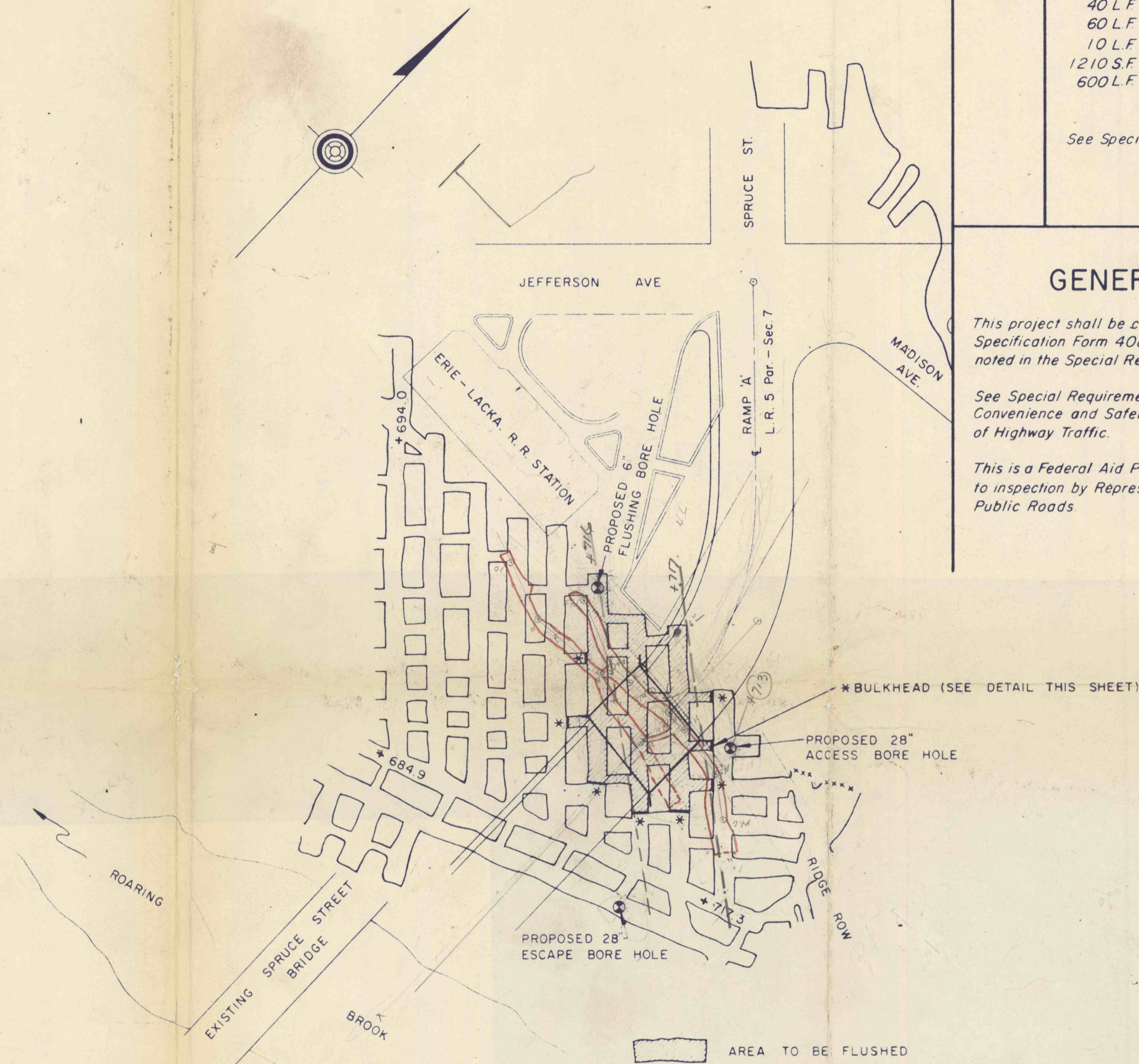
LOCATION MAP



PUBLIC UTILITIES

- Pennsylvania Power & Light Company
- Bell Telephone Company
- Western Union Telegraph Company
- Pennsylvania Gas & Water Company
- Erie-Lackawanna Railroad Company
- Lackawanna & Wyoming Valley Railway Company

- All L.A. Phillips, 9th & Hamilton Streets, Allentown, Pa
- 210 Pine Street, Harrisburg, Pa
- 60 Hudson St, New York, N.Y.
- 511-517 E. Northampton St, Wilkes-Barre, Pa.
- Midland Building, Cleveland 15, Ohio



PLAN SHOWING CLARK VEIN FLUSHING UNDER PROPOSED ERIE-LACKAWANNA RAILROAD BRIDGE

Scale: 1" = 100'