

February 22, 2024

ADDENDUM NO. 5

Notice to All Persons and Firms Proposing to Submit a Bid or Furnish Materials for Hudson Drive Bridge No. 105 and Vorhof Drive Bridge No. 106 St. Louis County Project Nos. CR-1774 and CR-1775 Federal Project Nos. BRO-B096(004) and BRO-B096(006)

The following question was received for the above project:

Does St. Louis Count have any 'as-built' drawings for the existing two bridges?

St. Louis County has the existing construction plans for the two bridges, but they are not 'as-builts'. However, they are attached for reference.

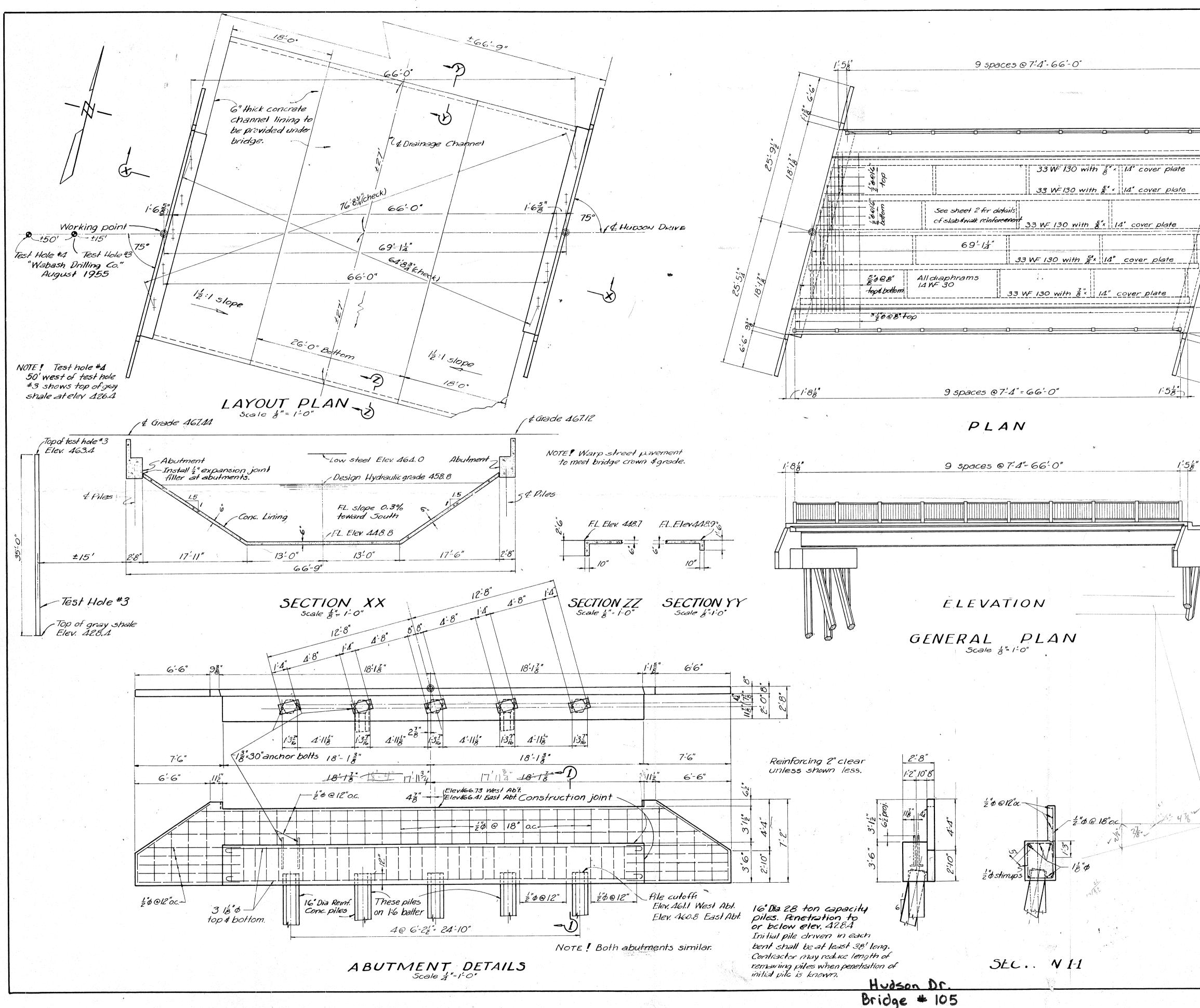
ATTENTION BIDDERS: THE ADDENDUM ACKNOWLEDGEMENT IN THE BID DOCUMENTS MUST BE COMPLETED AND SUBMITTED WITH ALL BID PROPOSALS.

Regards,

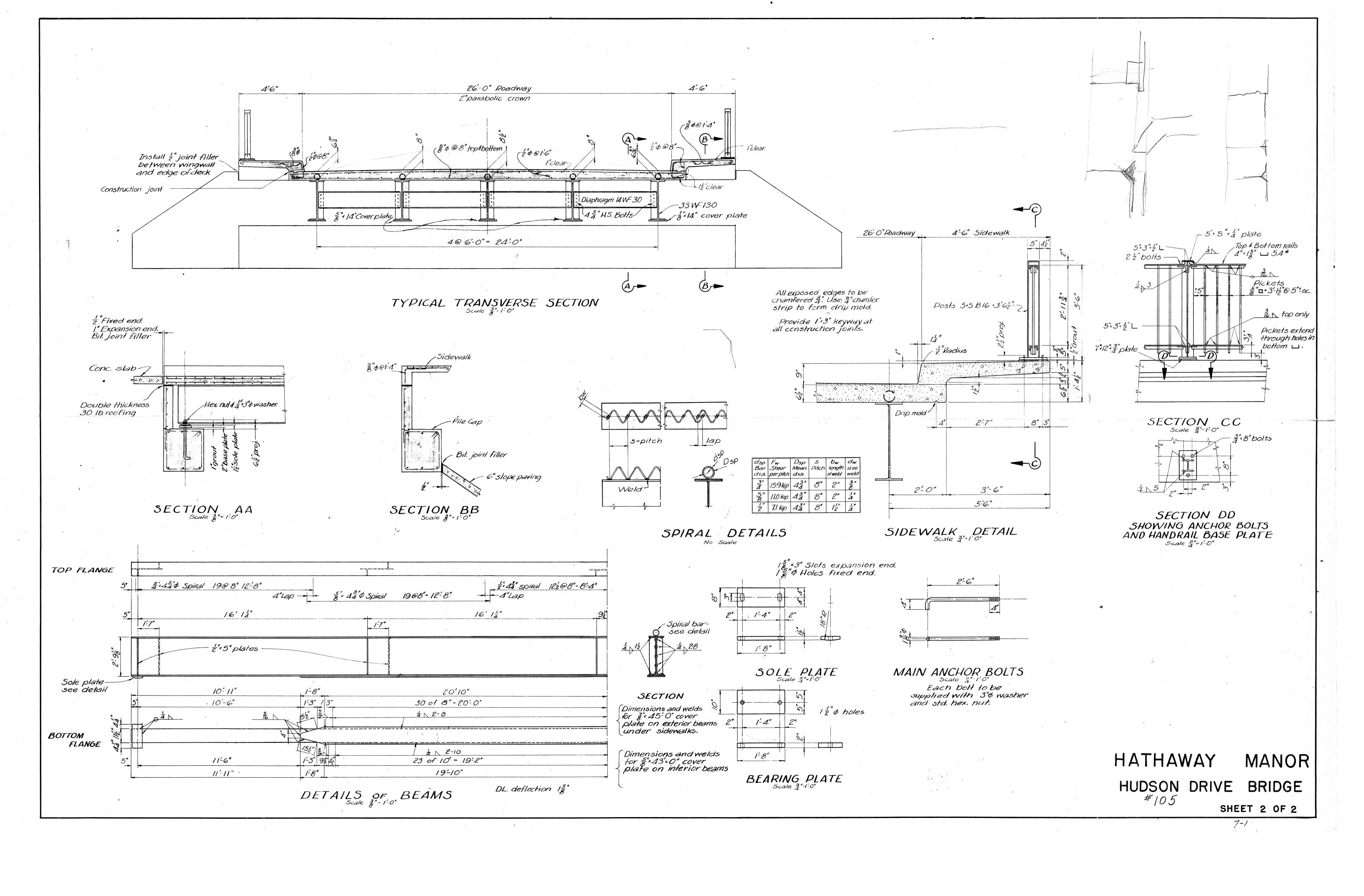
Daniel Howell

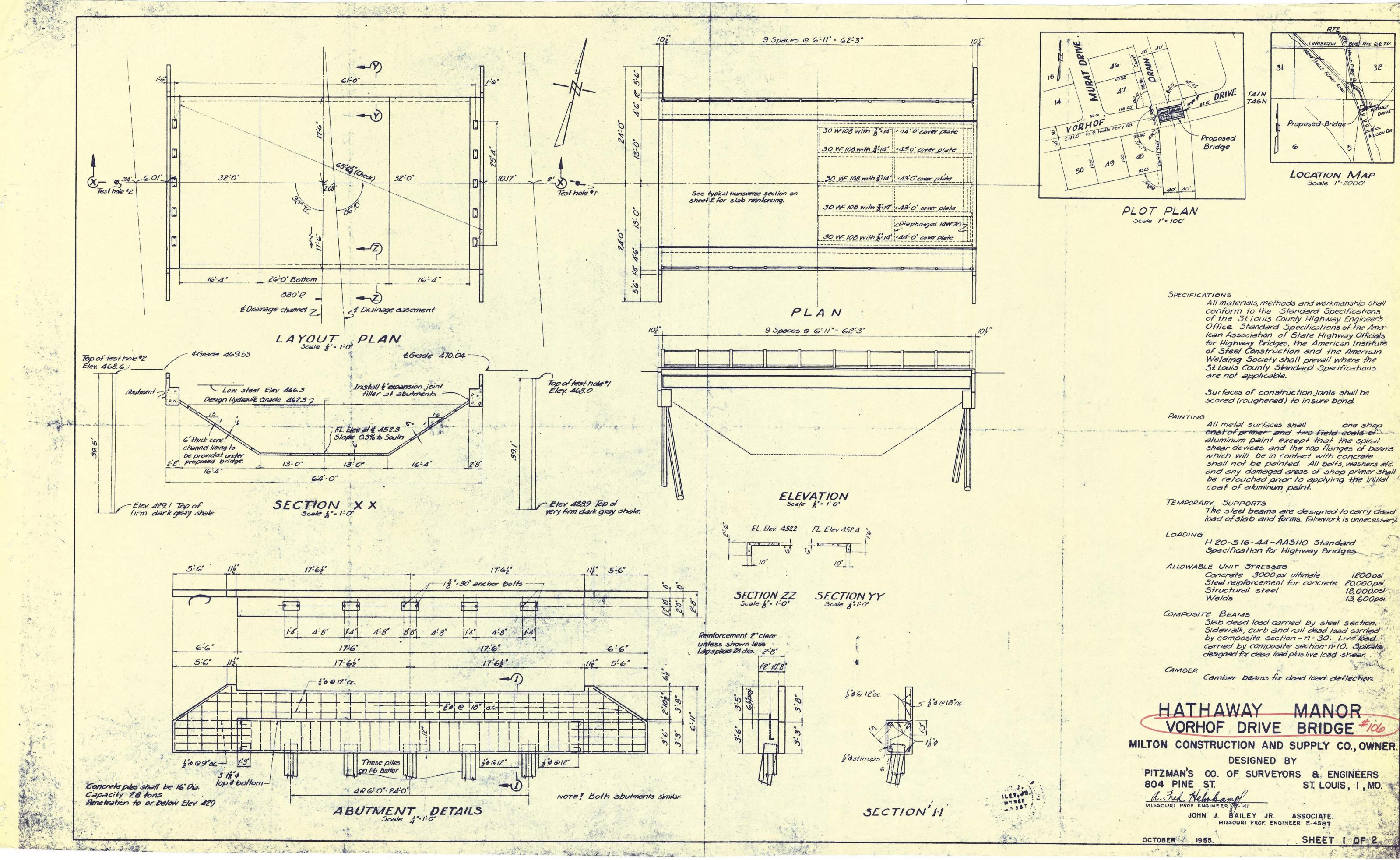
Daniel A. Howell, Ph.D., P.E. Supervisor, Project Managers-Bridges Department of Transportation and Public Works 1050 North Lindbergh Boulevard Creve Coeur, MO 63132

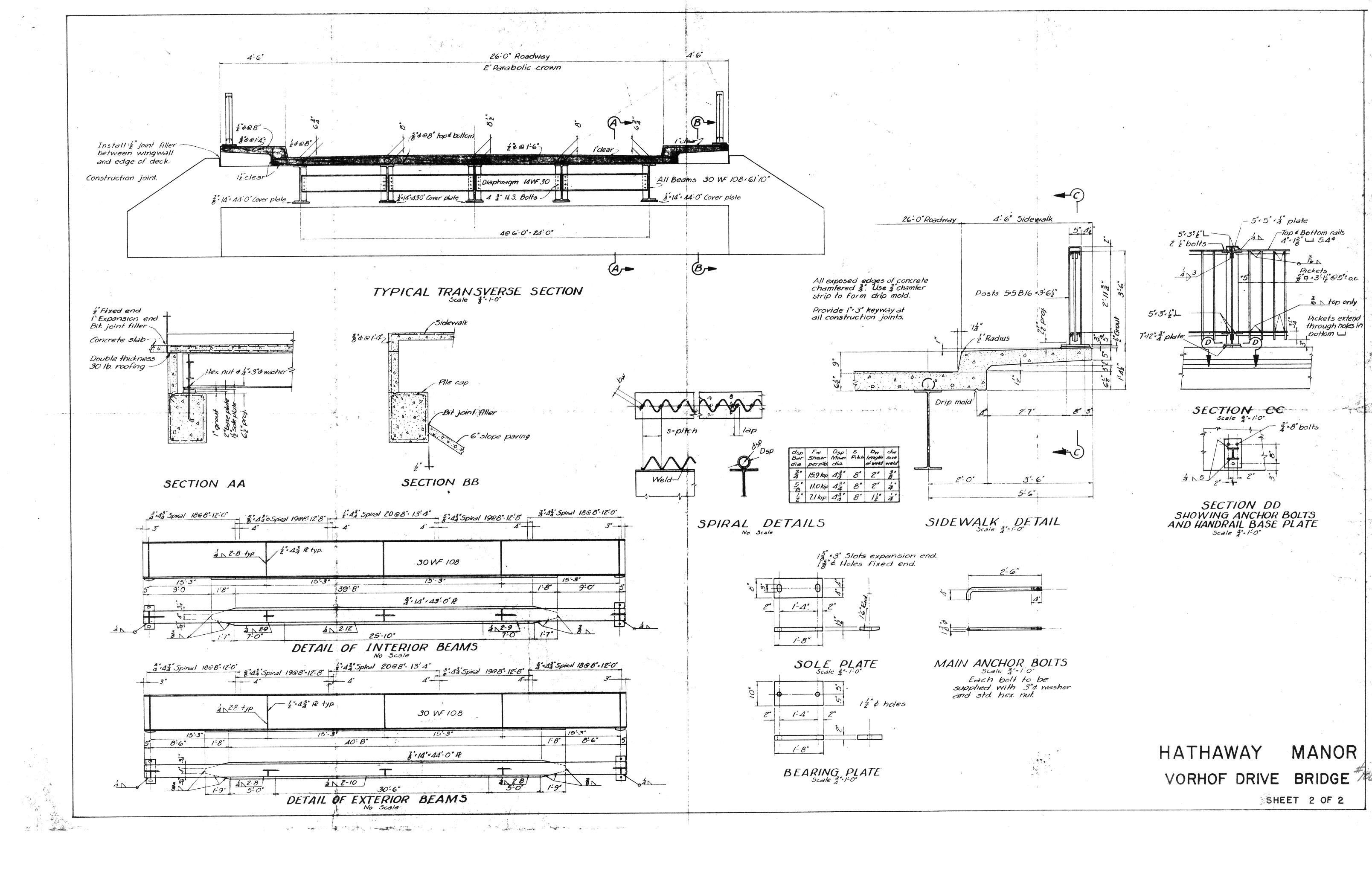


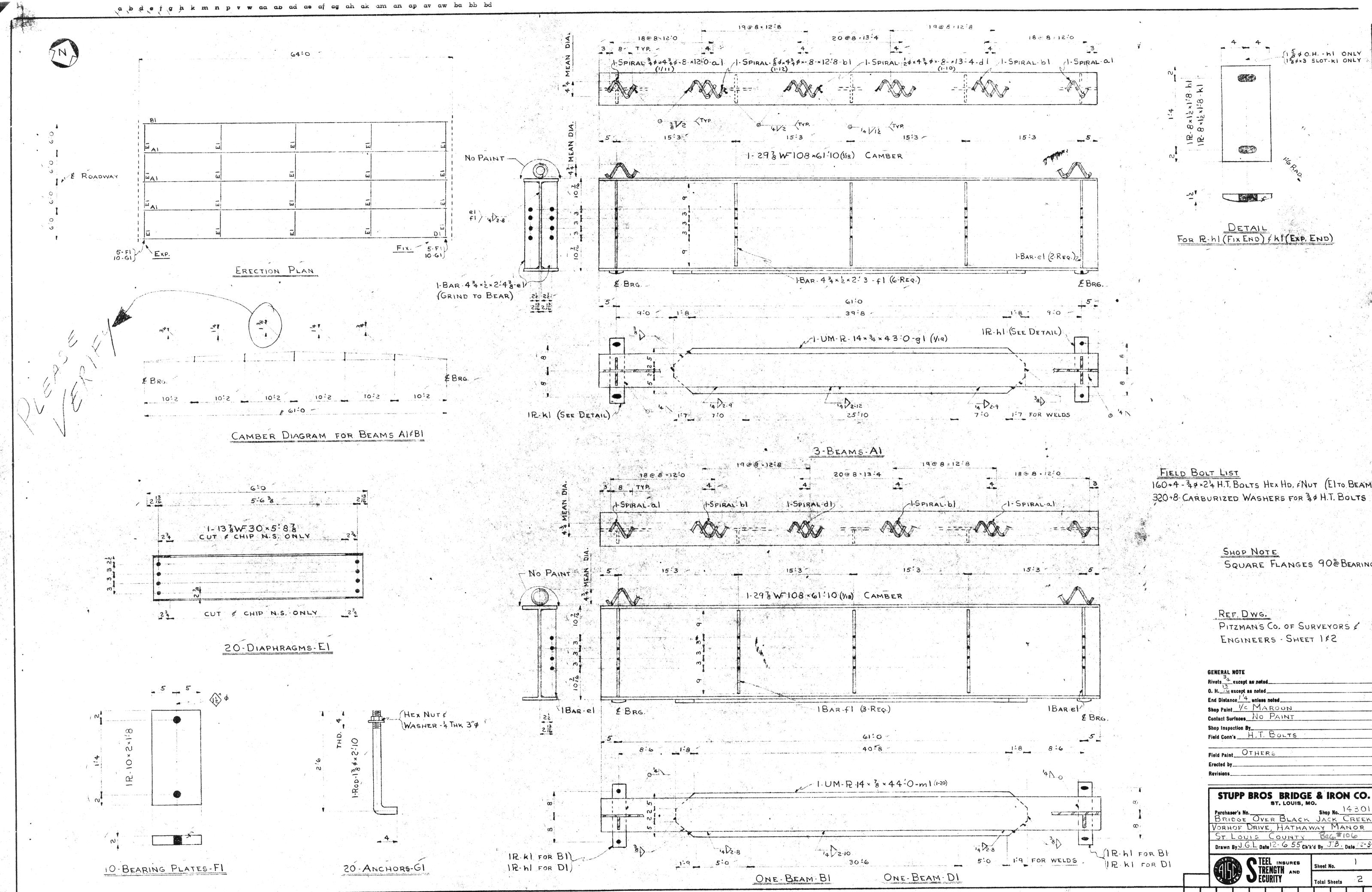


R7E LINDBEKGH RTE. 66TI 32 31 1-87 T47 N T46N PROPOSED BRIDGE mig 5 LOCATION MAP Scale 1"=2000' 9 (2°, 0° ~0 0/ SPECIFICATIONS AND GENERAL NOTES All materials, methods and workmanship shall conform to the Standard Specifications of the St. Louis County Highway Engineer's Office. Specifications of the American Association of State Highway Officials, the American Institute of Steel Construction and the American Welding Society shall prevail where County Standards are not applicable. Surfaces of construction joints shall be scored (roughened) to insure bond. All metal surfaces shall receive one shop NOTE! Railing on north side not shown. or field coat of primer and two coats of aluminum paint. Spiral shear devices and top flanges of beams which will be in contact with concrete shall not be painted. TEMPORARY SUPPORTS The steel beams are designed to carry dead load of slab and forms. No falsework is necessary. LOADING H20-SIG-44 AASHO Standard Specifications for Highway Bridges - 1953 ALLOWABLE UNIT STRESSES 1200 psi. Concrete Steel reinforcement for concrete 20,000 psi. 18000psi. Structural steel 469.4 13,600 psi. Welds 16 COMPOSITE BEAMS 175:08 13 Slab dead load carried by steel section. 64 489.53 Sidewalk, curb & rail dead load carried by composite section ~ n= 30. 80×0.8 .64 Live loads carried by composite sectionn = 10. 470.04 Spiral shear devices designed for dead load plus live load shear. CAMBER Camber beams for dead load deflection 469.4 0.8% HATHAWAY MANOR #105 BRIDGE HUDSON DRIVE MILTON CONSTRUCTION AND SUPPLY CO., OWNER DESIGNED BY PITZMANS CO. OF SURVEYORS & ENGINEERS ST. LOUIS , I , MO. 804 PINE ST. A. Fiel Helmkampf MISSOURI PROF ENGINEER 17-141 JOHN J. BAILEY JR. ASSOCIATE. MISSOURI PROF. ENGINEER E- 4587 Revised 9/17/55 SHEET I OF 2 AUGUST 30, 1955. 7-1









SERVICE 8. P. CO. 2M 9-55 NO. 45

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Revisions	

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Purchaser's No.	Shop No. 14301
Purchaser's No BRIDGE OVER BLACK	JACK CREEK
VORHOF DRIVE, HATHAW	AY MANOR
ST. LOUIS COUNTY	Bab. #106
Drawn By J.G.L. Date 12-6.55 Chiki	

