

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

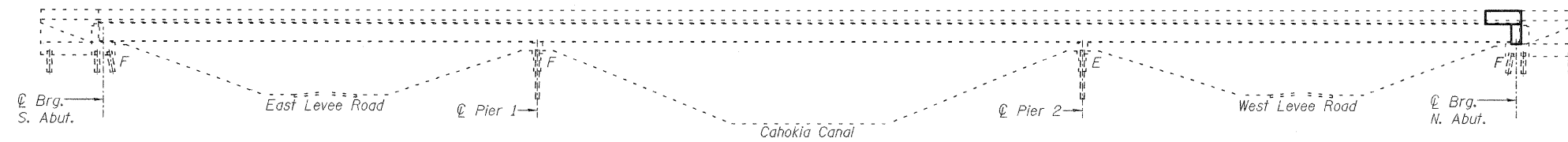
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.I. 255	60-8B-II	Madison	23	42

SHEET NO. 1
14 SHEETS

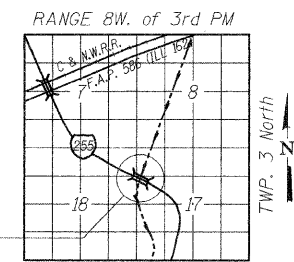
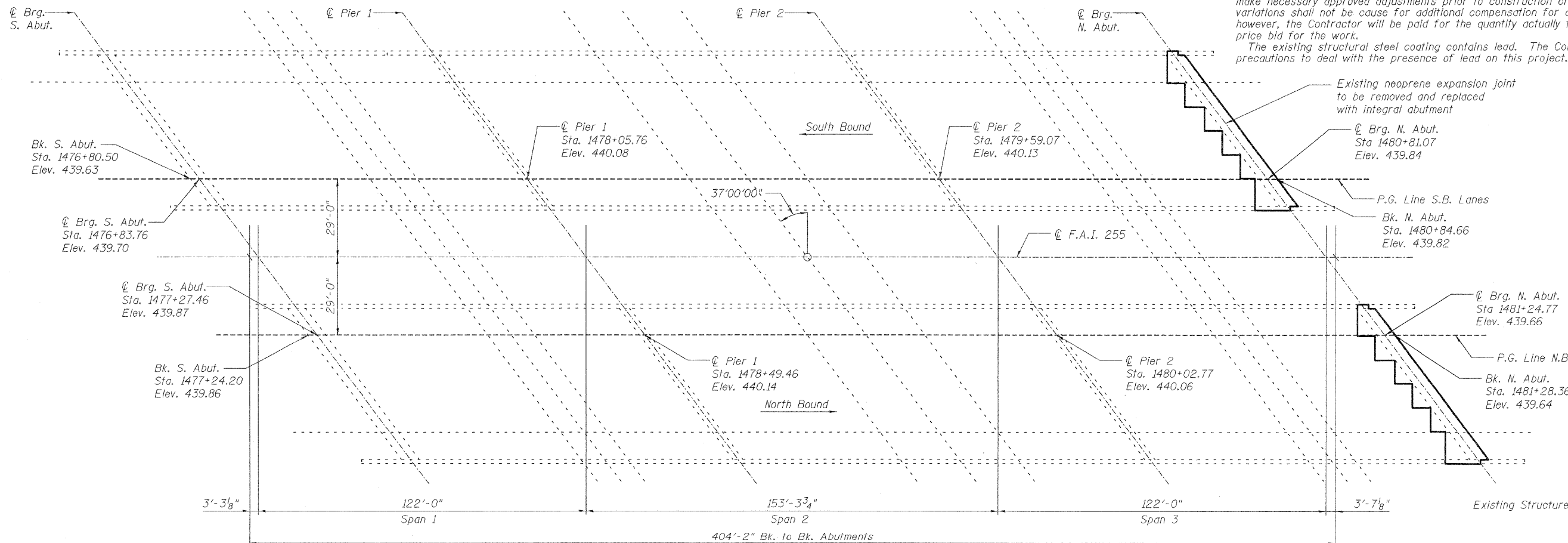
Contract # 76A25

GENERAL NOTES

No welding is permitted except as specified in the contract plans.
Reinforcement bars shall conform to the requirements of ASTM A706 Gr 60 (IL Modified). See Special Provisions.
Reinforcement bars designated (E) shall be epoxy coated.
Prior to pouring the new concrete, all heavy or loose rust, loose mill scale, and other loose or potentially detrimental foreign material shall be removed from the surfaces in contact with concrete. Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel, as specified in the Special Provision "Cleaning and Painting Existing Steel Structures".
The designated areas to be cleaned shall be prepared according to SSPC-SP3; Power Tool Cleaned using vacuum-shrouded power tools equipped with Hepa Filtration.
The Contractor shall repair all damage to the existing coating system at no cost to the Department. If the damage extends to the substrate and the original preparation involved abrasive blast cleaning, the damaged areas shall be prepared to Power Tool Cleaning-Commercial Grade. If the original preparation was other than blast cleaning or the damage does not extend to the substrate, the loose fractured paint shall be cleaned to Power Tool Cleaning-Modified SP3.
Structural steel shall be painted for a distance equal to the depth of embedment into the concrete cap plus 3 in. Paint System 1 shall be used; organic zinc-rich primer only. The painting shall be according to the requirements for primary and secondary connections of painted surfaces.
As directed by the Engineer, existing construction accessories welded to the top flange of beams and girders shall be removed. The welded areas shall be ground flush and inspected for cracks using magnetic particle testing (MT) or dye penetrant testing (PT) by an individual acceptable to the Engineer. Any cracks that can not be removed by grinding 1/4 in. deep shall be identified and reported to the Bureau of Bridges and Structures for further disposition. The cost of removing welded accessories, grinding and inspecting weld areas and grinding cracks will be paid for according to Article 109.04 of the Standard Specifications.
Plan dimensions and details relative to existing plans are subject to routine variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished based upon the unit price bid for the work.
The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.



ELEVATION



PLAN

DESIGNED	DB
CHECKED	RS
DRAWN	CLS
CHECKED	WWH



Wesley W. Herndon
WESLEY W. HERNDON, S.E. DATE Jan 9, 2008

GENERAL PLAN & ELEVATION
F.A.I. RTE. 255 OVER CAHOKIA CANAL
SECTION 60-8B-II
STATION 1479+10.00
MADISON COUNTY
S.N. 060-0218 & 0219