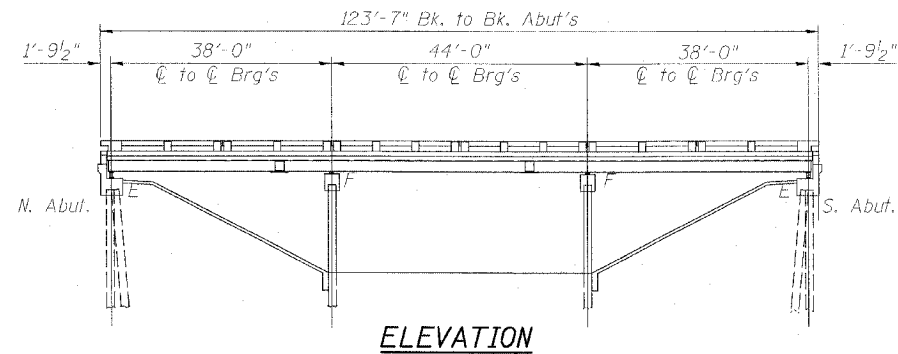
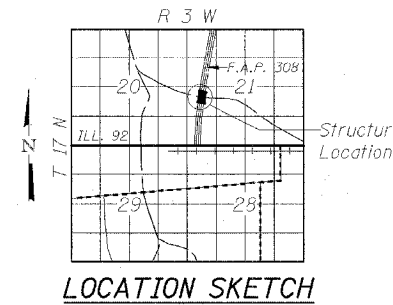


Contract #64816



ELEVATION

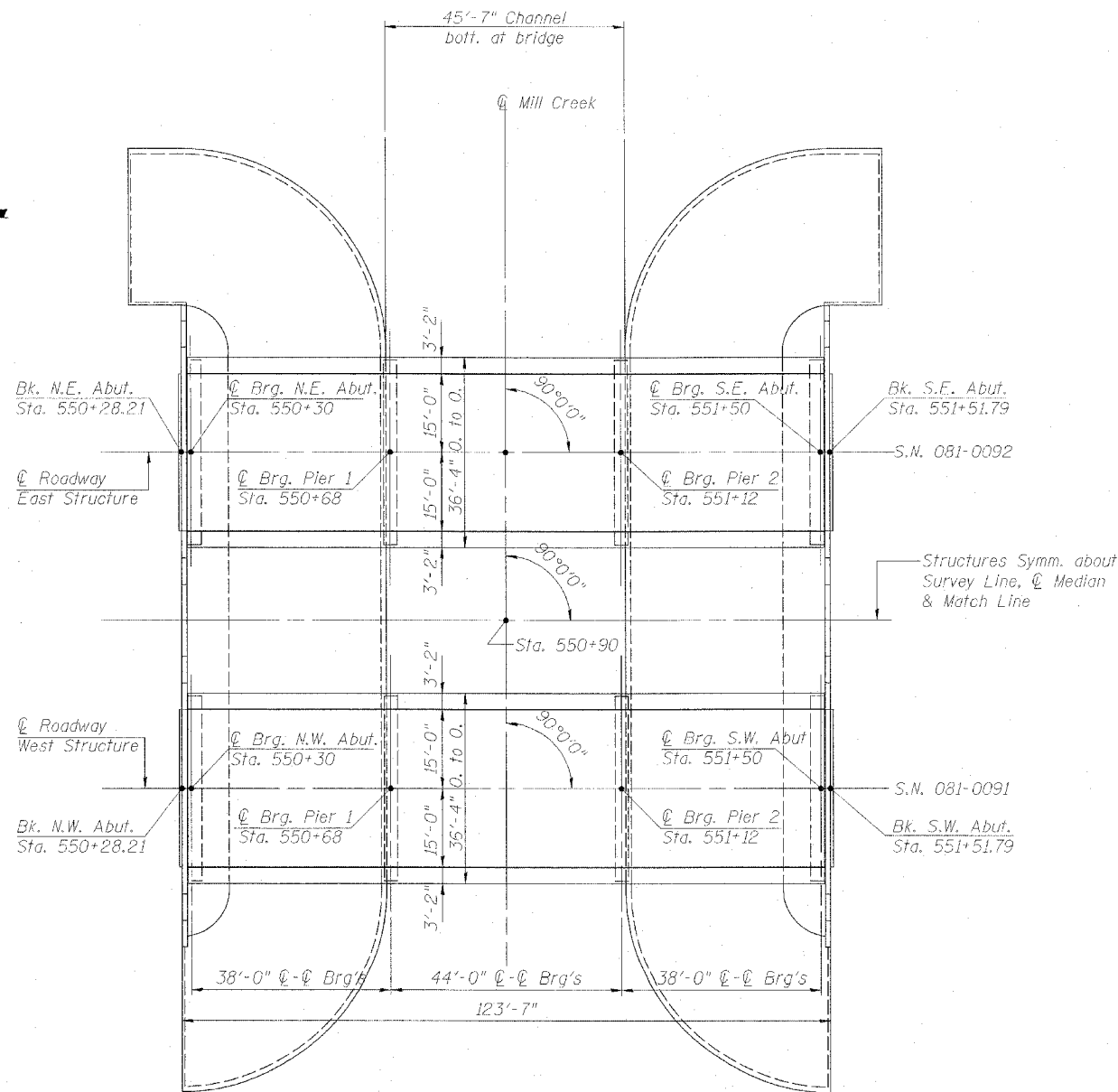


TOTAL BILL OF MATERIAL - 2 BRIDGES

ITEM	UNIT	QUANTITY
Bituminous Concrete Removal (Deck)	Sq Yd	776
Polymerized Bituminous Concrete	Ton	66
Surface Course, Superpave, Mix "D" N90		
Deck Slab Repair (Full Depth, Type 1)	Sq Yd	4
Deck Slab Repair (Full Depth, Type 2)	Sq Yd	20
Deck Slab Repair (Partial)	Sq Yd	20
Concrete Removal	Cu Yd	21.2
Concrete Superstructure	Cu Yd	20.7
Reinforcement Bars, Epoxy Coated	Pound	2450
Bar Splicers	Each	52
Silicone Joint Sealer 1 1/2"	Foot	146
Sheet Waterproofing Membrane System	Sq Yd	783
Jack & Remove Existing Bearings	Each	24
Furnishing and Erecting Structural Steel	Pound	14,840
Elastomeric Bearing Assembly, Type I	Each	24
Floor Drain Extension	Each	32
Plug Existing Deck Drains	Each	32
Polymer Concrete	Cu Ft	13.3

DESIGN STRESSES
FIELD UNITS

(New Construction)
f'c = 3,500 psi
fy = 60,000 psi (reinf.)
fy = 36,000 psi (M270 Grade 36)



PLAN

GENERAL NOTES

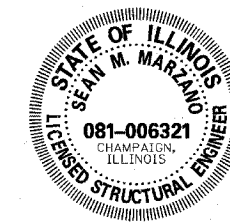
- All new structural steel shall conform to AASHTO Classification M-270 Gr. 36 unless otherwise noted.
- Reinforcement bars shall conform to the requirements of AASHTO M-31, or M-322, Grade 60.
- Prior to pouring the new concrete, all loose rust, loose mill scale, and other loose potentially detrimental foreign material shall be removed from the surfaces of the beams or girders in contact with concrete. The cost of this work will be included in the pay item covering removal of the existing concrete. All heavy rust and other tightly adhered potentially detrimental foreign matter shall also be removed from the surfaces of the beams or girders in contact with concrete. Tightly adhered paint may remain unless otherwise noted. This removal shall be accomplished by methods that will not damage the steel. The cost of this work will be paid for according to Article 109.04 of the Standard Specifications.
- Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost shall be included in the cost of "Concrete Removal".
- Existing longitudinal reinforcement extending into the removed area shall be cleaned, straightened and incorporated into the new construction.
- All new structural steel shall be shop painted with the inorganic zinc rich primer per AASHTO M 300, Type I. Cost included with Furnishing and Erecting Structural Steel.
- Joint openings shall be adjusted according to Article 503.10(c) of the Standard Specifications when the deck is poured at an ambient temperature other than 50° F.
- Plan dimensions and details relative to existing structure have been taken from existing plans and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field 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 the scope of work; however, the contractor will be paid for the quantity actually furnished at the unit price bid for work.
- The existing structural steel coating contains lead. The contractor should take appropriate precautions to deal with the presence of lead on this project.
- All new fasteners shall be high strength bolts. Holes shall be 1/16" dia. for 3/4" dia. bolts, unless otherwise noted.
- Existing structural steel shall only be cleaned and painted as required by the Special Provision "Cleaning and Painting Adjacent Areas of Existing Steel Structures".
- The deck surface shall have its final finish tined according to Art. 420.11(e)(1) of the Standard Spec's. Cost included with Concrete Superstructure.

PLAN AND ELEVATION, BILL OF MATERIAL AND GENERAL NOTES

F.A.P. RT. 308
OVER MILL CREEK
ROCK ISLAND COUNTY
STATION 550+90.00
STRUCTURE NO. 081-0091 & 92

CHAMPAIGN, ILLINOIS
CHICAGO, ILLINOIS
EVANSVILLE, INDIANA
INDIANAPOLIS, INDIANA
KENOSHA, WISCONSIN
SPRING GREEN, WISCONSIN

Clark Dietz



Structural Engineer
Clark Dietz, Inc.

DATE: 3-31-06
License Expires 11-30-2006

REVISIONS		DRAWING NUMBER
NAME	DATE	
		S-1

NOTE: DIMENSIONAL DATA IS NOT TO BE OBTAINED BY SCALING ANY PORTION OF THIS DRAWING.

DESIGNED BY: M.M. PROJECT NO: 102315
DRAWN BY: MEW DATE: 3/06
CHECKED BY: M.M.
APPROVED BY: S.M.M.
ACTIVITY INITIALS