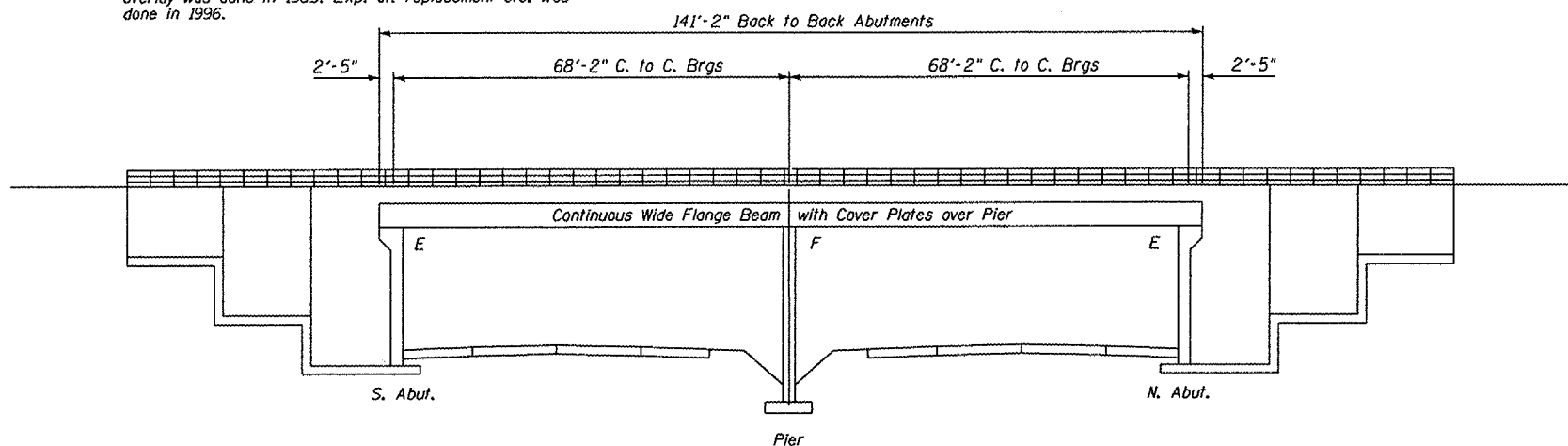


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

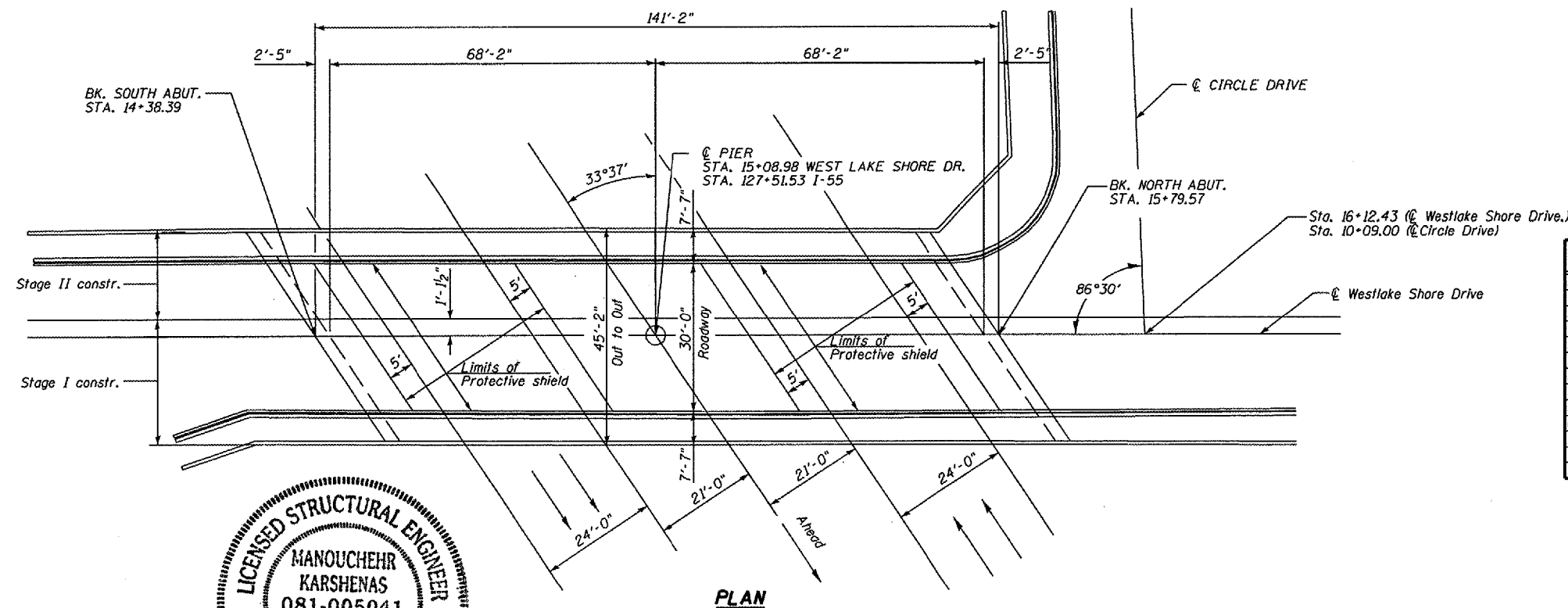
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	Sangamon	248 233	9 SHEETS
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

Contract # 72659  
\* FAI 55 (I-55), FAI 72 (I-72) FAP 666 (I-55 BUS)  
\*\* D6 Interstate RS, BR, M CAB 2008

Existing Structure - Structure Number 084-0092. A two span continuous non-composite wide flange beam bridge with welded cover plates over the pier and 7" cast in place concrete deck constructed in 1963. Deck Patching and 1 1/2" bituminous overlay was done in 1983. Exp. Jt. replacement etc. was done in 1996.



ELEVATION



PLAN

PROPOSED IMPROVEMENTS

The scope of work consists of Removal and replacement HMA surface and water proofing membrane system; Deck slab repair; Removal of Expansion Joints and adding safety block to pedestrian barrier.

GENERAL NOTES

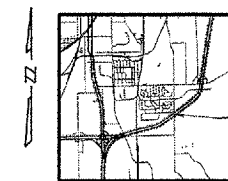
- Plan dimensions and details relative to existing plans are subject to routine variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be 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.
- Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60 (IL Modified). See Special Provisions.
- Reinforcement bars designated (E) shall be epoxy coated.
- Work shall be done utilizing stage construction with one lane open by traffic signals directing two way traffic. See Traffic control plans.
- Prior to pouring the new concrete deck, 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 and the cost will be included in the pay item covering removal of the existing concrete.

TOTAL BILL OF MATERIAL

Item	Unit	Structure	Roadway	Total
Hot-mix Asphalt Surface Course, MIX D, N 50	Ton	42.0		42.0
Waterproofing Membrane System	Sq. Yd.	500		500
Reinforcement Bars (Epoxy coated)	Pound	2770	2060	4830
Concrete Superstructure	Cu. Yd.	13.8	10.0	23.8
Deck Slab Repair (Partial)	Sq. Yd.	56		56
Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	25		25
Hot-Mix Asphalt Surface Removal (Deck)	Sq. Yd.	459	8	467
Protective shield	Sq. Yd.	273		273
Protective coal	Sq. Yd.	74	55	129
Class D Patches Type II, 16"	Sq. Yd.	24		24

DESIGN STRESSES (NEW CONSTRUCTION)

f'c = 3,500 psi  
fy = 60,000 psi (Reinforcement)



LOCATION SKETCH

GENERAL PLAN & ELEVATION  
WEST LAKE SHORE DRIVE OVER FAI 55 (I-55)  
SECTION: D6 INTERSTATE RS, BR, M CAB 2008  
SANGAMON COUNTY  
SN 084-0092

INDEX OF SHEETS

- |  |  |
|--|--|
| <u>Structure</u>                                     | <u>Roadway</u>                         |
| 1. General Plan & Elevation                          | 7. Approach Roadway Parapet Details    |
| 2. Stage Construction Details                        | 8. Approach Roadway Parapet Details-1  |
| 3. Temporary Concrete Barrier for stage construction | 9. Approach Roadway Parapet Details-11 |
| 4. Deck Patching Survey                              |  |
| 5. Expansion Joint Removal Details                   |  |
| 6. Safety Block Details                              |  |



m. j. Karshenas  
DATE 10-19-07  
EXP. 11-30-08

DESIGNED	- KRG
CHECKED	- MJK
DRAWN	- GSJ
CHECKED	- MJK

MID-AMERICA ENGINEERING SERVICES