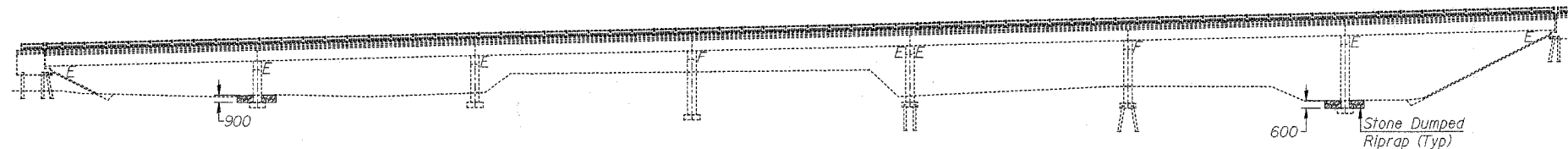


ROUTE NO.	SECTION	COUNTY	SHEETS	SHEET	SHEET NO.
FAP 326	*	KENDALL	34	25	7 SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT			
*108,109/RS-4		Contract No. 66433			

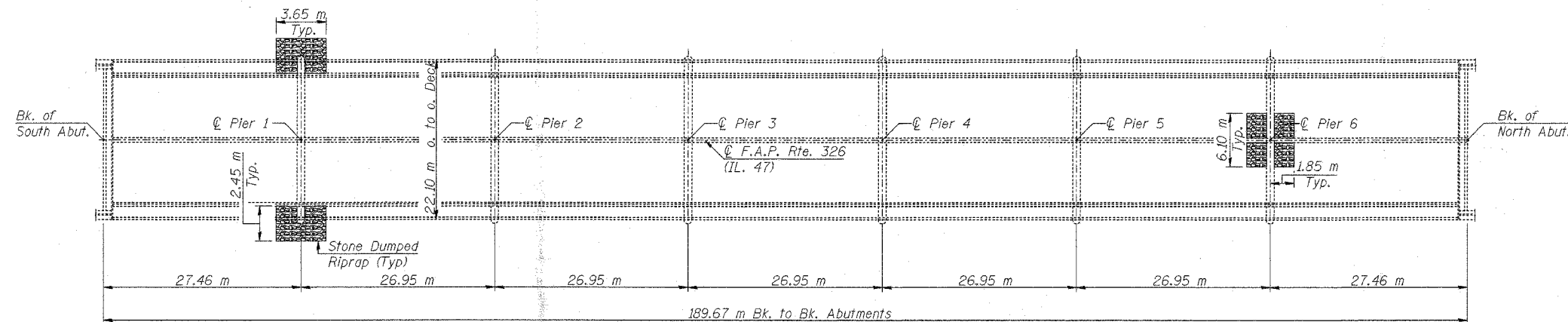
Existing Structure: Structure No. 047-0048, built under Section 13D-BR in 1984 along F.A. Route 100, is 189.67m back to back abutments and 22.10m out to out deck. The superstructure consists of 7 spans of 1.37m P.P.C. I-beams supporting 190mm concrete deck. The substructure consists of spill thru abutments on piles and solid concrete piers keyed into rock, except Piers 4 and 5 which are supported on steel H piles. The existing structure deck shall be repaired utilizing Stage Construction so as to maintain one lane traffic in each direction during repairs.

GENERAL NOTES

1. 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.
2. Placement of Stone Dumped Riprap may be varied in the field to suit ground conditions as directed by the Engineer.
3. All dimensions are in millimeters (mm) except as noted.



ELEVATION



PLAN

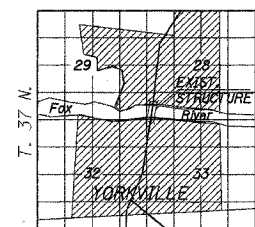
TOTAL BILL OF MATERIAL

Item	Unit	Total
Deck Slab Repair (Full Depth, Type I)	Sq. M	3.4
* Deck Slab Repair (Partial)	Sq. M	0.4
Structural Repair of Concrete (Depth equal to or less than 125 mm)	Sq. M	3.2
Silicone Joint Sealer, 25 mm	Meter	189
Neoprene Exp. Jt., 100 mm	Meter	2
Stone Dumped Riprap, Class A4	M Ton	73

* Only areas shown as Deck Slab Repair (Partial) between Beams 6 and 7 are included in this pay item.

SCOPE OF WORK

1. Perform Deck Slab Repair on deteriorated areas of bridge deck slab.
2. Perform Structural Repair of Concrete on deteriorated areas of curb, parapet and wingwall.
3. Remove and replace damaged section of neoprene joint at south abutment.
4. Remove damaged section of longitudinal joint in the median and replace with Silicone Joint Sealer.
5. Dump Stone Riprap at Piers 1 and 6.

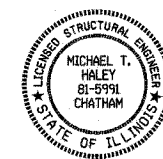


LOCATION SKETCH

DESIGN STRESSES

FIELD UNITS

$f'_c = 24 \text{ MPa}$
 $f_y = 400 \text{ MPa (Reinf.)}$



Michael J. Haley
 Michael T. Haley
 Licensed Structural Engineer
 State of Illinois No. 81-5991
 1-18-06
 Date

LIN ENGINEERING, LTD.
 20 W. Chestnut
 Chatham, Illinois 62629
 (217) 483-1868
 (217) 483-4708
 Designed By: STD
 Checked By: MTR | Drawn By: JMD
 Date: 01/25
 File: 0470048.DWG

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN & ELEVATION
F.A.P. 326 (IL RTE. 47)
OVER FOX RIVER
SECTION (108,109)RS-4
KENDALL COUNTY
S.N. 047-0048