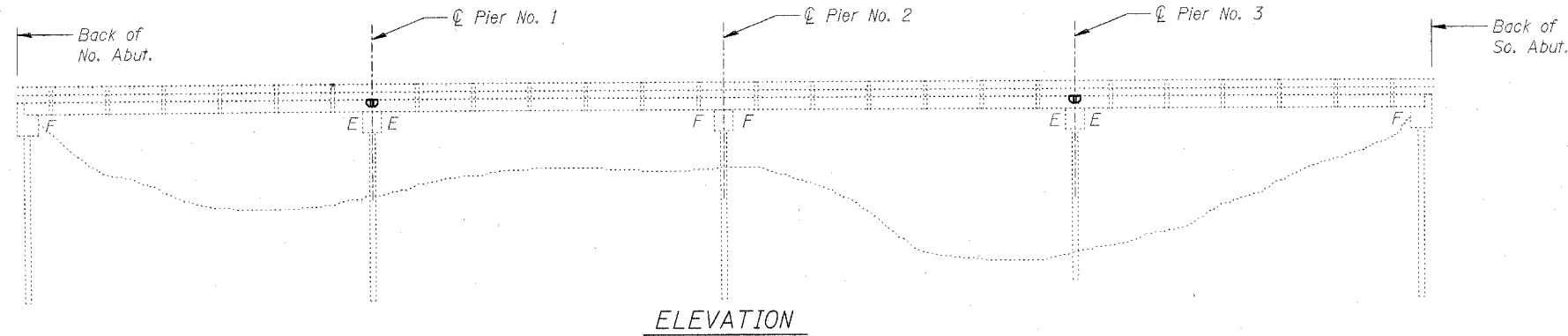
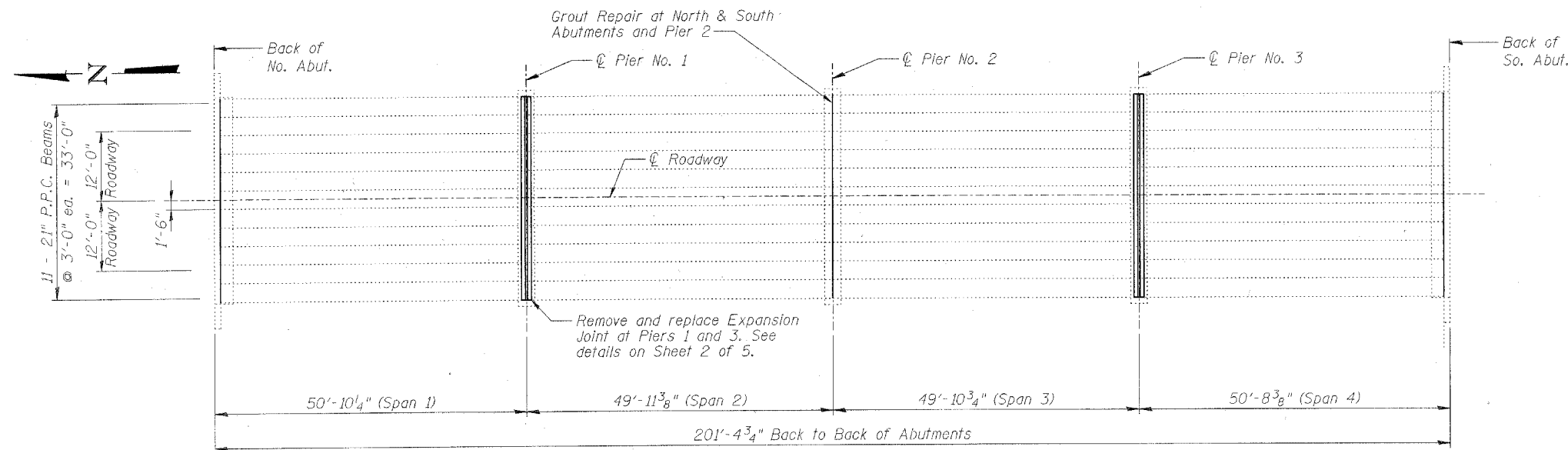


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

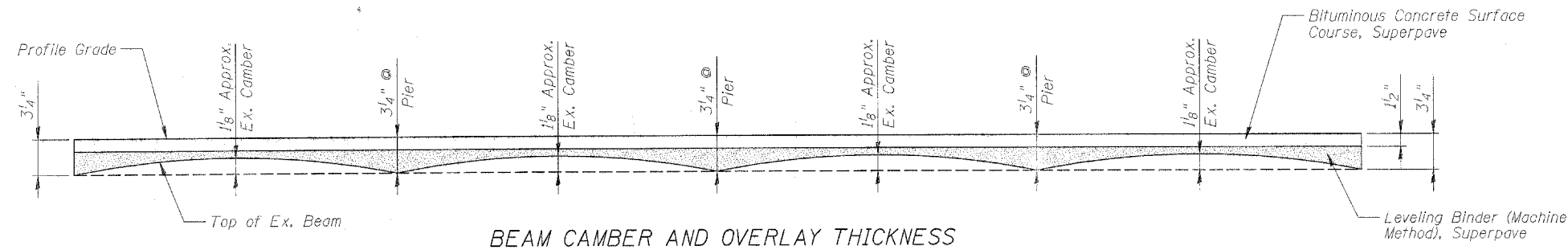
ROUTE NO.	SECTION	COUNTY	SHEETS	SHEET NO.	SHEET NO. 1
F.A.P. Route 314	110 BR-1	MADISON	10	7	4 SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS FED. AID PROJECT		CONTRACT NO. 76865		



ELEVATION



PLAN



BEAM CAMBER AND OVERLAY THICKNESS

TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Bituminous Concrete Surface Removal	Sq. Yd.	739
Concrete Removal	Cu. Yd.	3.0
Concrete Superstructure	Cu. Yd.	3.9
Reinforcement Bars, Epoxy Coated	Lbs.	410
Waterproofing Membrane System	Sq. Yd.	739
Bar Splicers	Each	12
Bearing Pad Adjustment	Each	88
Dowel Repair	Each	88
Grout Repair	Foot	99
Keyway Repair	Foot	505
Silicone Joint Sealer	Foot	66
Polymer Concrete	Cu. Ft.	4.8
Bituminous Concrete Surface Course, Superpave, Mix "D", N90	Tons	62
Leveling Binder (Machine Method), Superpave N90	Tons	50

GENERAL NOTES

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 materials. Such variations shall not be cause for additional compensation for a change in the scope of the work, however the Contractor will be paid for the quantity actually furnished at the unit bid price for the work.

The thickness of the bituminous overlay at abutments and piers shall be 3/4" and varies along each span as required to adjust for the existing profile grade and beam camber (see Beam Camber and Overlay Thickness detail).

Traffic shall be maintained on bridge for the duration of the repairs.

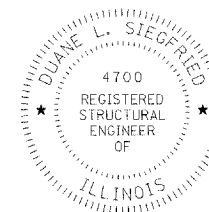
Existing reinforcement and coil loops which extend into the precast concrete beam are to be cleaned and incorporated into new construction except as noted.

Reinforcement bars shall conform to the requirements of AASHTO M-31 or M-322 Gr. 60.

Keyway Repair quantity has been estimated as 25% of total keyway for a plan quantity. Actual quantity shall be determined by the engineer after wearing surface is removed.

DESIGNED	KPH
CHECKED	DLS
DRAWN	KPH
CHECKED	DLS

HORNER & SHIFRIN, INC.
ENGINEERS ■ ARCHITECTS ■ PLANNERS
5200 OAKLAND AVENUE • ST. LOUIS, MISSOURI
141 MARKET PLACE, STE. 208 • FAIRVIEW HEIGHTS, ILLINOIS



11/30/04 License Expiration Date
ILLINOIS Structural No.

PLAN & ELEVATION
ILLINOIS ROUTE 4
F.A.P. ROUTE 314
SECTION 110 BR-1
MADISON COUNTY
SN 060-0109