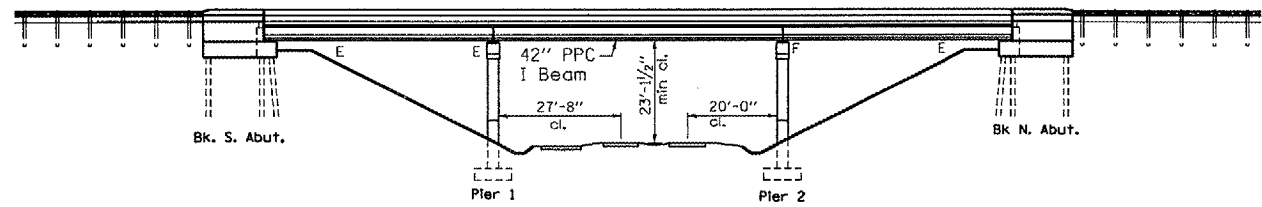
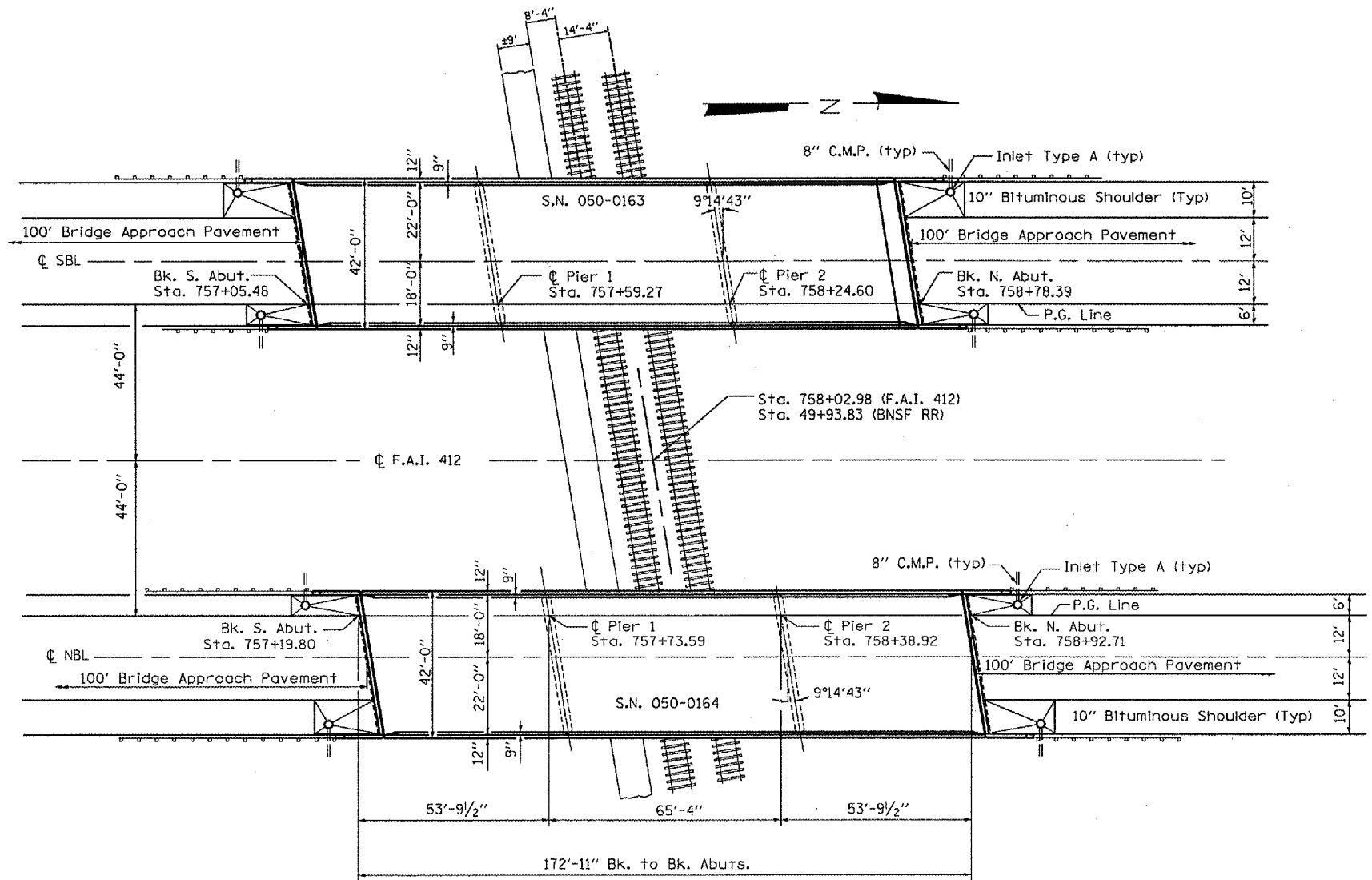


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	(50-8VB)I	LASALLE	31	8
FED. ROAD DIST. NO. - ILLINOIS				



ELEVATION



PLAN

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 of 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 price bid for the work.

Fasteners shall be high strength bolts (AASHTO M 164, Type 3), unless otherwise noted.

The roadway expansion plates shall be flame cut as provided in Article 505.04(k) of the Standard Specifications.

All structural steel shall be AASHTO M 270 Grade 50 except expansion joint plates and attached bars which shall be AASHTO M 270 Grade 36.

Roadway expansion guards shall be assembled in the proper position with the ends in place and shall be left assembled for shop inspection.

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

The Contractor shall use extreme care during concrete removal so as not to damage the existing PPC I Beams. Any damage shall be repaired at the Contractor's expense.

**EXISTING DESIGN STRESSES
(FOR INFORMATION ONLY)**

FIELD UNITS

- fc=1200psi. Deck Slab
- fc=1400psi. Curb, Parapet & Substructure
- ts=20,000psi. Reinforcing
- vc=56psi. Ftgs.
- n=10

PRECAST PRESTRESSED UNITS

- f'c=5000psi.
- fci=4000psi.
- f's=270,000psi. 1/2" Ø Strands
- f'si=189,000psi. 1/2" + Ø Strands

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
GENERAL PLAN & ELEVATION
 F.A.I. 412 OVER BNSF RAILROAD
 SECTION (50-8VB)I
 LASALLE COUNTY
 STA. 758 +10
 DATE 06/01/2005
 DRAWN BY RLW

JULY 1, 2005
 C:\PROJECTS\CMIA\IND6\CM318\DETAILS.DGN