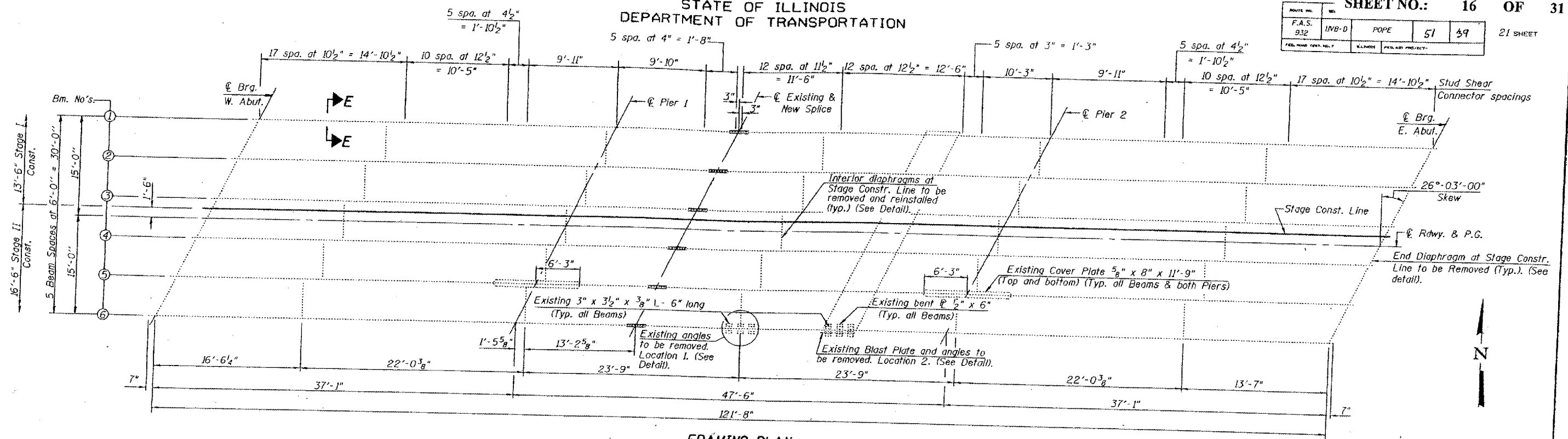
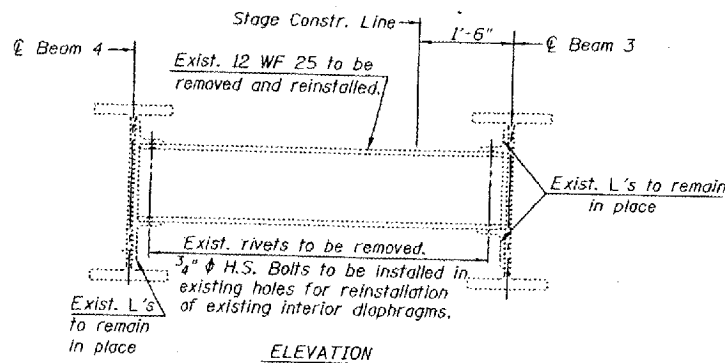


| | | | | | |
|-----------|-------|--------|-------|---------|----------|
| ROUTE NO. | NO. | POPE | 51 | 39 | 21 SHEET |
| F.A.S. | INV-D | ELABOR | PKLBY | PROJECT | |
| 932 | | | | | |

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

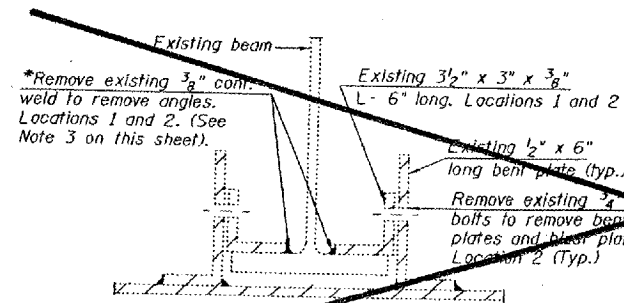


FRAMING PLAN
 (All Existing Beams are 24 WF 74)



EXISTING INTERIOR DIAPHRAGM REMOVAL AND REINSTALLATION DETAIL

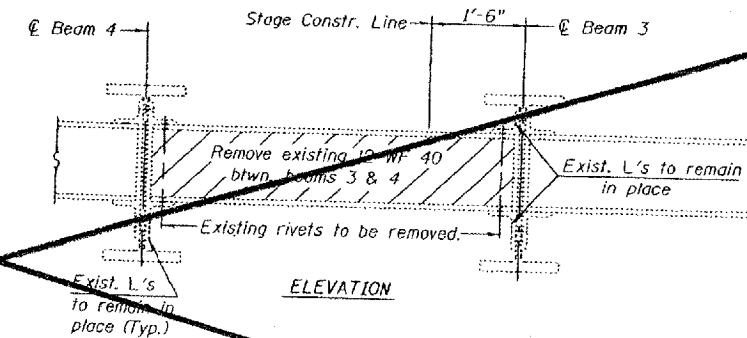
Cost of removal, storage and reinstallation included with Jacking Existing Superstructure.



BLAST PLATE CONNECTION REMOVAL DETAIL

Location 2 shown, Location 1 similar except there is no blast plate.

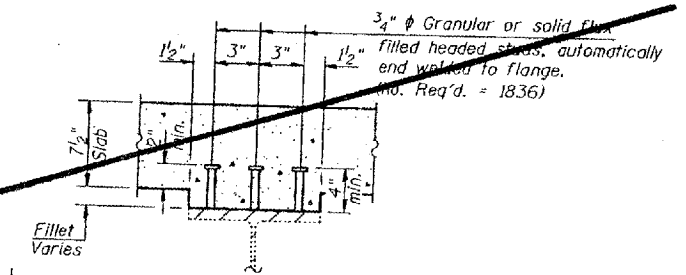
While removing the welds, extreme care shall be taken to prevent any damage to the existing beams. Cost included with Structural Steel Removal.



EXISTING END DIAPHRAGM REMOVAL DETAIL

(Looking West)

Cost of removal, storage and reinstallation included with Jacking Existing Superstructure.



SECTION E-E

| TOP OF BEAM ELEVATIONS | | | | |
|------------------------|----------|----------|---------|---------|
| Beam No. | W. Abut. | E. Abut. | Pier 1 | Pier 2 |
| 1 | 454.672 | 454.616 | 454.468 | 454.213 |
| 2 | 454.841 | 454.731 | 454.588 | 454.338 |
| 4 | 455.037 | 454.851 | 454.605 | 454.461 |
| 5 | 455.044 | 454.804 | 454.563 | 454.424 |
| 6 | 455.014 | 454.715 | 454.485 | 454.351 |

FOR INFORMATION ONLY:

BRIDGE NO. 2 STRUCTURE 076-0021

DESIGNED Chi-Cheung Chau
 CHECKED Dhruv P. Narielwala
 DRAWN R. Sommer
 CHECKED CCC/DPN

EXAMINED Thomas J. Domagalaki
 PASSED Ralph E. Anderson
 ENGINEER OF BRIDGES AND STRUCTURES

Notes:

- Prior to raising the existing Beams 1, 2 and 3 (during Stage I Construction), all the existing diaphragms between Beams 3 and 4 shall be removed.
- Hatched area indicates Structural Steel Removal.
- The Contractor shall test the welds at the end of the existing cover plates and at the inside angles of the blast plate connected to the beams for cracks after removal of the existing concrete deck. Dye penetrant, magnetic or other approved testing method shall be performed by personnel approved by the Engineer. If cracks are found, report them to the Bureau of Bridges and Structures for further processing. The cost of testing is included in Removal of Existing Concrete Deck. The cost of crack repair, if necessary, will be paid according to Article 109.04 of the Standard Specifications.