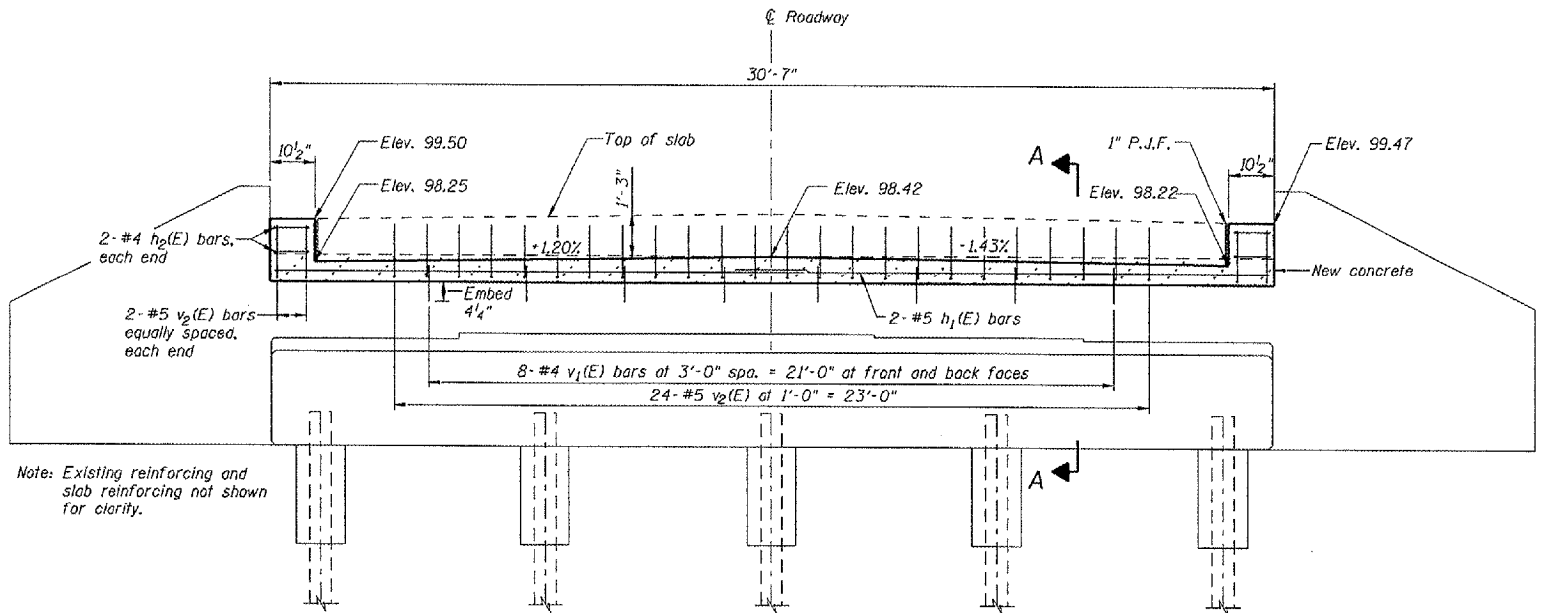
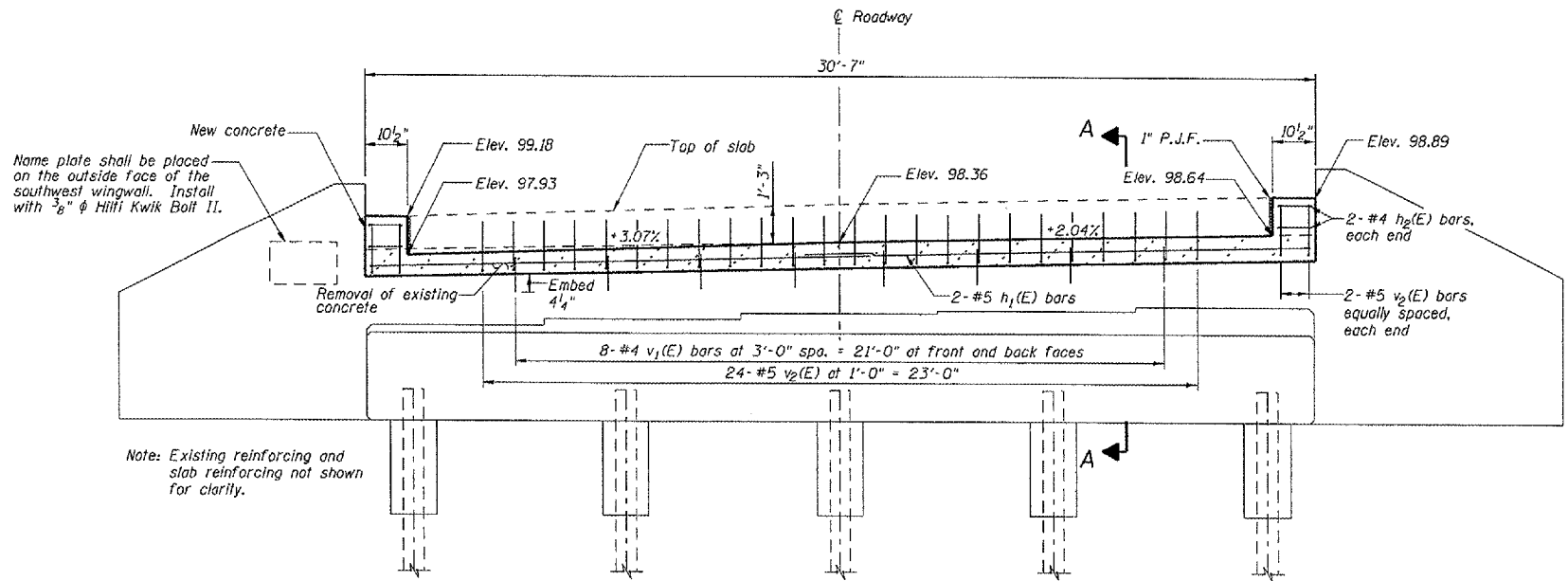


| ROUTE NO.             | SECTION | COUNTY   | SHEET NO.        | SHEET TOTAL |
|-----------------------|---------|----------|------------------|-------------|
| FAS 1384              | *       | Fulton   | 21               | 20          |
| FED. ROAD DIST. NO. 1 |         | ILLINOIS | FED. AID PROJECT |             |

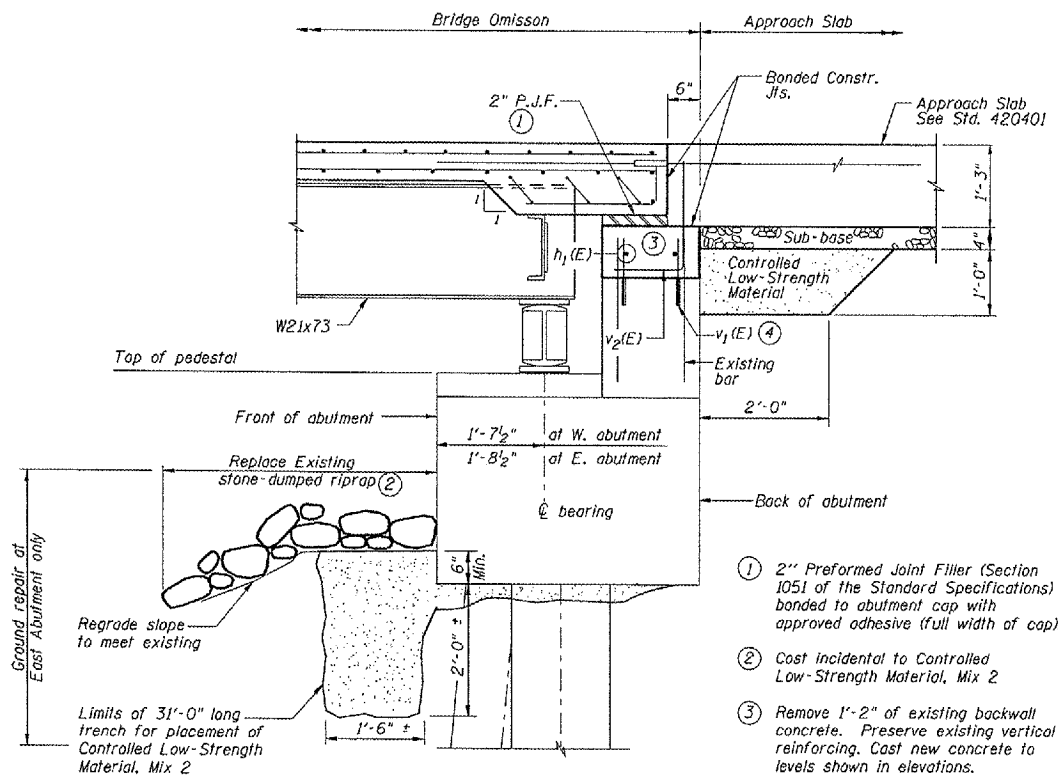
\*07-00117-03-BR



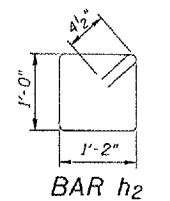
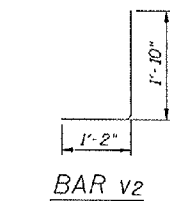
ELEVATION  
Looking East at East Abutment



ELEVATION  
Looking West at West Abutment



SECTION A-A



BILL OF MATERIAL - 2 ABUTS.

| Bar                              | No. | Size | Length   | Shape |
|----------------------------------|-----|------|----------|-------|
| h1                               | 8   | # 5  | 16'-6"   |       |
| h2                               | 8   | # 4  | 5'-1"    |       |
| v1                               | 32  | # 5  | 1'-2"    |       |
| v2                               | 56  | # 5  | 3'-0"    |       |
| Concrete Structures              |     |      | Cu. Yds. | 2.7   |
| Reinforcing Bars, Epoxy Coated   |     |      | Pounds   | 380   |
| Structure Excavation             |     |      | Cu. Yds. | 12    |
| Concrete Removal                 |     |      | Cu. Yds. | 4     |
| Controlled Low-Strength Material |     |      | Cu. Yds. | 12    |

Work Sheets 13 & 20 together.

|      |                  |     |      |          |    |
|------|------------------|-----|------|----------|----|
| DSGN | K.J. Hoffmann    |     |      |          |    |
| DR   | K.J. Hoffmann    |     |      |          |    |
| CHK  | J. Wolf          |     |      |          |    |
| APVD | J.A. Fraunhoffer | NO. | DATE | REVISION | BY |

**FRAUENHOFER**  
Fraunhoffer and Associates, P.C. Consulting Engineers  
3002 Crossing Court Champaign, IL 61822 217-351-6268

|                                                     |  |          |              |
|-----------------------------------------------------|--|----------|--------------|
| ABUTMENT CAP RETROFIT                               |  | SHEET    | 20           |
| FAS 1384 (C.H. 27) OVER M. BRANCH OF COPPERAS CREEK |  | DWG NO.  | 7022-abt.dgn |
| SECTION 07-00117-03-BR                              |  | DATE     | OCT 2007     |
| FULTON COUNTY                                       |  | PROJ NO. | 7022         |