

GENERAL NOTES

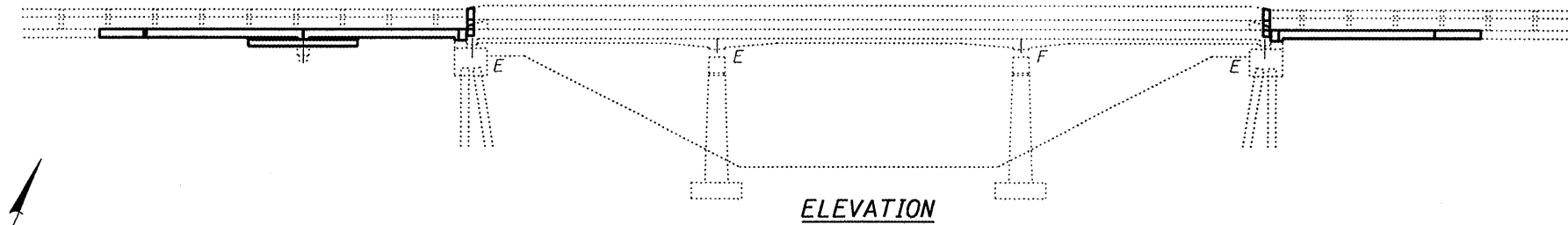
Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.

Reinforcement bars designated (E) shall be epoxy coated.

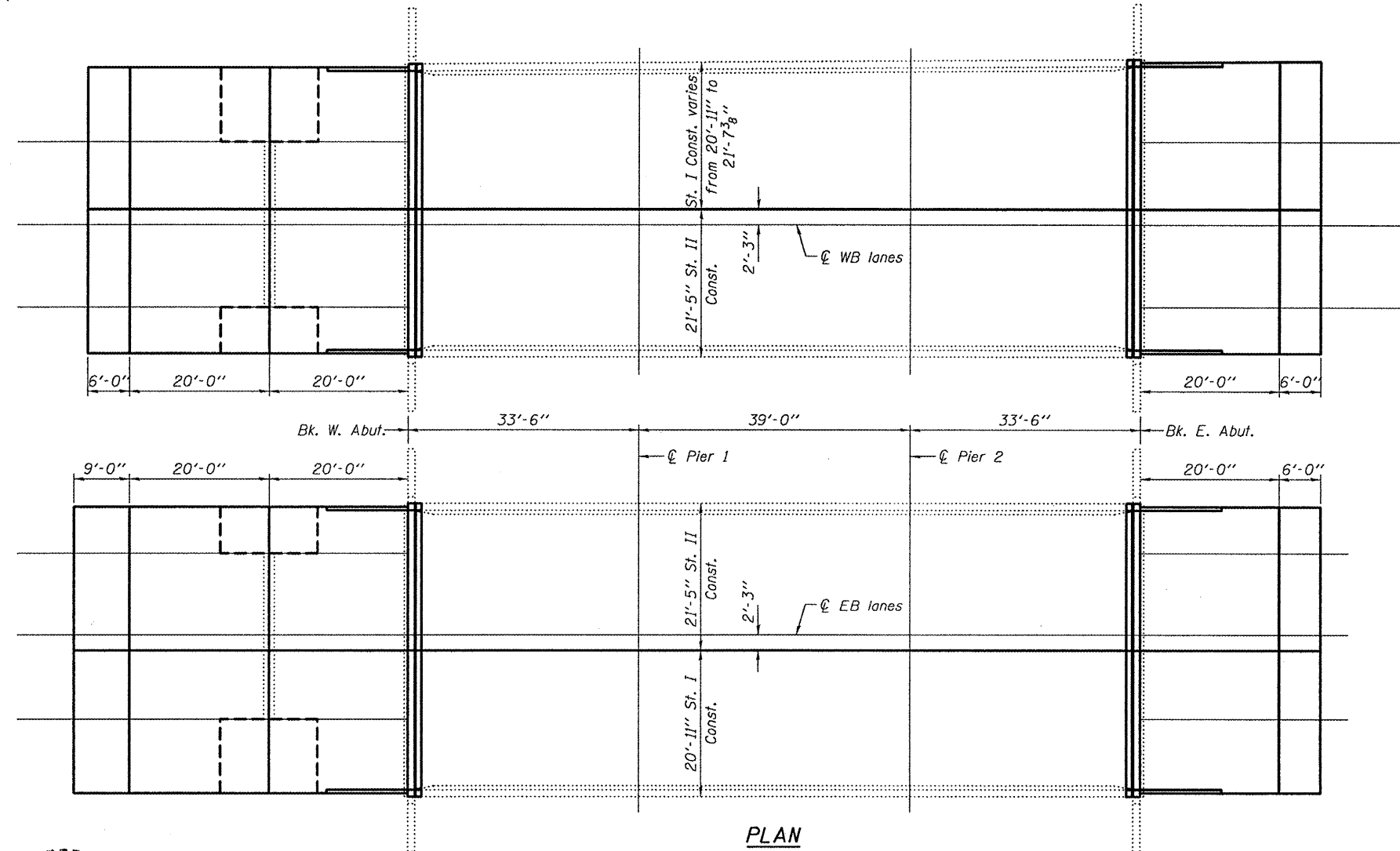
Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall 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 at the unit price bid for the work.

Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost included with Concrete Removal.

Joint openings shall be adjusted according to Article 520.04 of the Standard Specifications when the deck is poured at an ambient temperature other than 50° F.



ELEVATION



PLAN

DESIGN STRESSES

FIELD UNITS

$f'_c = 3,500$ psi

$f_y = 60,000$ psi (Reinforcement)

TOTAL BILL OF MATERIAL

| ITEM | UNIT | SUPER | SUB | | TOTAL |
|-------------------------------------|---------|-------|------------|--------|-------|
| | | | Appr. Ftg. | Abuts. | |
| Bridge Deck Grooving | Sq. Yd. | 526 | | | 526 |
| Concrete Structures | Cu. Yd. | | 15.0 | 8.2 | 23.2 |
| Concrete Superstructure | Cu. Yd. | 202.8 | | | 202.8 |
| Protective Coat | Sq. Yd. | 590 | | | 590 |
| Concrete Removal | Cu. Yd. | 202.6 | | 8.2 | 210.8 |
| Reinforcement Bars, Epoxy Coated | Pound | 31720 | 2640 | 1010 | 35370 |
| Bar Splicers | Each | 170 | | 16 | 186 |
| Preformed Joint Strip Seal | Foot | 165 | | | 165 |
| Class B Patches, Type II, 13 inches | Sq. Yd. | 124 | | | 124 |
| Class B Patche-Expansion Joint | Foot | 166 | | | 166 |
| Dowel Bars 1 1/2" | Each | 159 | | | 159 |
| Tie Bars 1/4" | Each | 159 | | | 159 |



EXPIRES 11-30-2012

| | | | | | |
|----------|----------------------------|----------|----------------------------|------|----------------|
| DESIGNED | <i>David Carl Puzey</i> | EXAMINED | <i>John F. [Signature]</i> | DATE | MARCH 16, 2011 |
| CHECKED | <i>William F. Holloway</i> | PASSED | <i>John F. [Signature]</i> | | |
| DRAWN | <i>baliva</i> | | | | |
| CHECKED | <i>JFH</i> | | | | |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND ELEVATION
FAI 70 OVER BEAVER CREEK
SN 003-0009 (EB) & 003-0010 (WB)

| | | | | |
|---------------------------|---------|--------|--------------------|-----------|
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 70 | 3-4B1-1 | | 35 | 4 |
| BOND | | | CONTRACT NO. 76E23 | |
| ILLINOIS FED. AID PROJECT | | | | |

SHEET NO. 1 OF 9 SHEETS