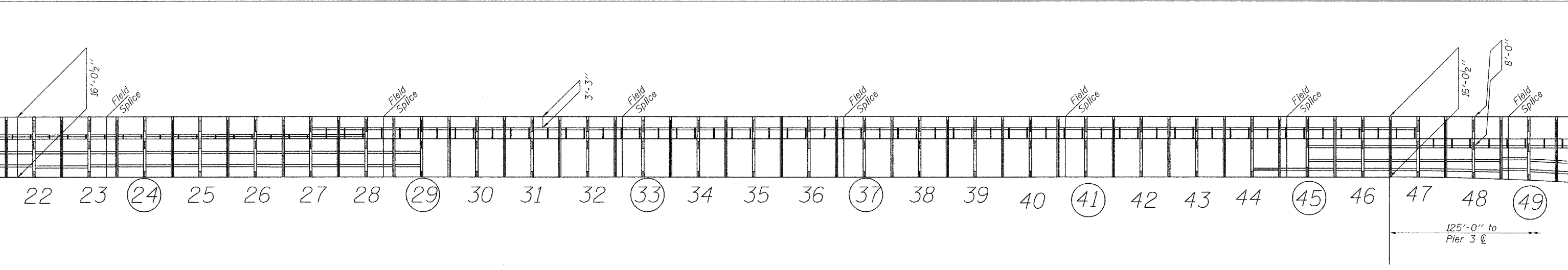
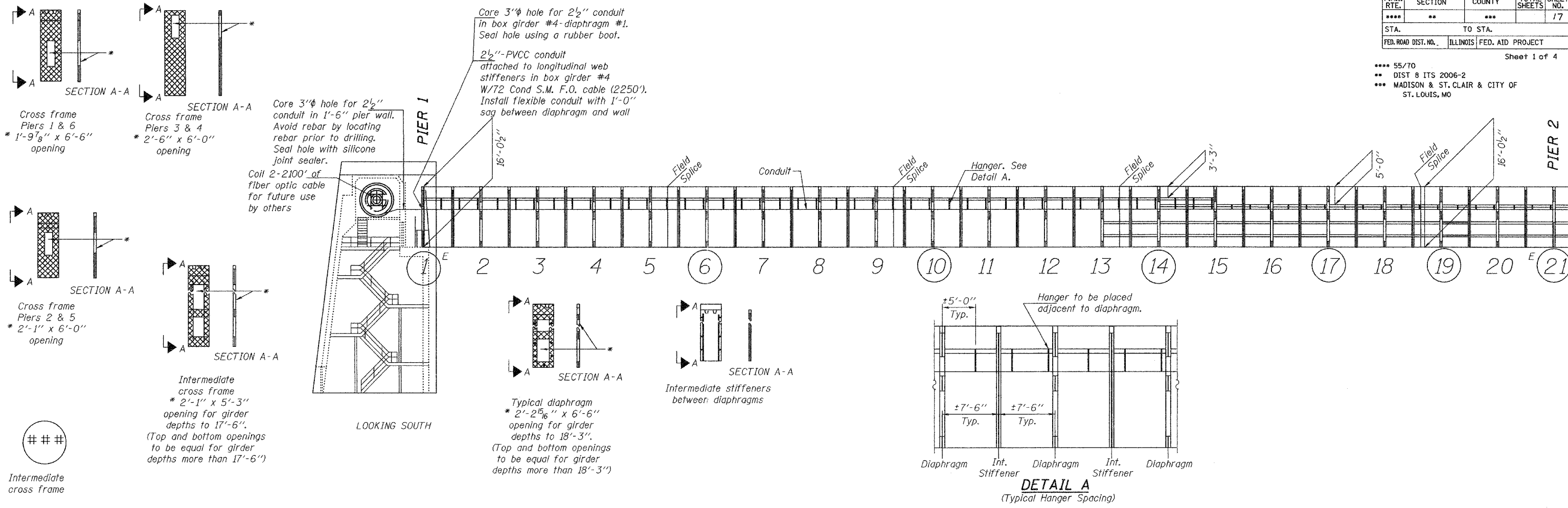


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
****	**	***		17
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

\*\*\*\* 55/70  
 \*\* DIST 8 ITS 2006-2  
 \*\*\* MADISON & ST. CLAIR & CITY OF ST. LOUIS, MO



**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.

**BILL OF MATERIAL**

Item	Unit	Total
Box Girder Conduit Installation	L Sum	1

**REVISIONS**

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**POPLAR ST. BRIDGE (PSB)  
 CONDUIT PLAN  
 SHEET 1 OF 4**

FAI 255  
 SECTION DIST 8 ITS 2007-1, 2A  
 MADISON COUNTY

DIAPHRAGM # TO DIAPHRAGM #	HEIGHT TO HEIGHT
1 TO 46	16'-0 1/2" TO 16'-0 1/2"
46 TO 55	16'-0 1/2" TO 25'-0 1/2"
55 TO 65	25'-0 1/2" TO 17'-0 1/2"
65 TO 85	17'-0 1/2" TO 17'-0 1/2"
85 TO 95	17'-0 1/2" TO 25'-0 1/2"
95 TO 104	25'-0 1/2" TO 16'-0 1/2"
104 TO 147	16'-0 1/2" TO 16'-0 1/2"

**BRIDGE LENGTHS**

PIER 1 TO PIER 2	300'
PIER 2 TO PIER 3	500'
PIER 3 TO PIER 4	600'
PIER 4 TO PIER 5	500'
PIER 5 TO PIER 6	265'

- Longitudinal web stiffeners are S77WF15, except at field splices.
  - Field splice longitudinal web stiffeners are Z6 x 3 1/2" x 211.
  - 2 1/2"-PVCC conduit w/72 Cond S.M. F.O. cable attached to longitudinal web stiffeners in box girder #4 every 5'-0". Conduits should be placed through the top opening on the diaphragms.
- NOTE:**  
 Use flexible conduit at all expansion locations. (Piers 1 & 6)