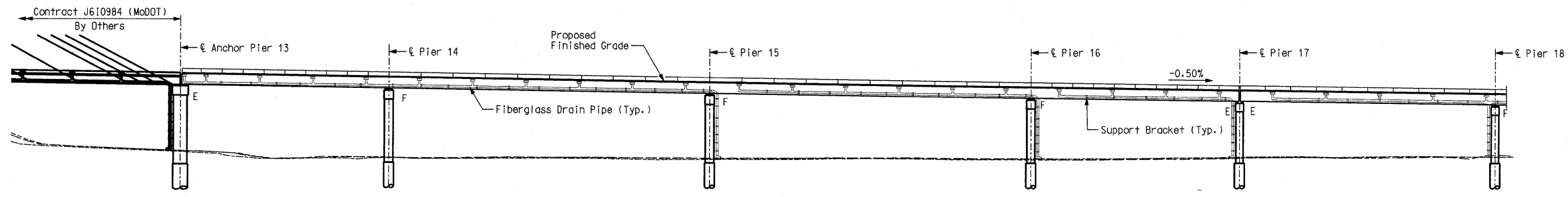
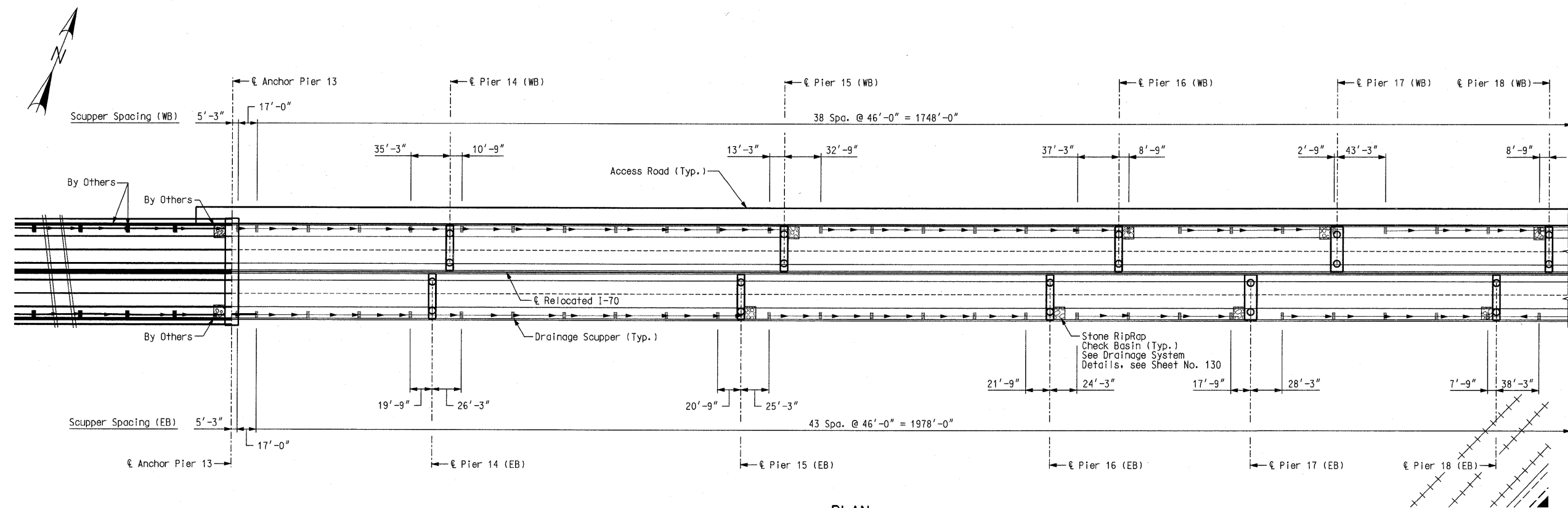


F.A. ROUTE	SECTION
999	82-1B-2
FED. AID PROJECT	ILLINOIS
COUNTY	ST. CLAIR
USER NAME = jcolliff	
PLOT SCALE = #SCALE#	
PLOT DATE = 4/14/2010	
DESIGNED -	HNTB
CHECKED -	CMT
DRAWN -	CMT / HNTB
REVISED -	
REVISED -	
REVISED -	
REVISED -	



**ELEVATION**  
(EB Shown, WB Similar)



**PLAN**

**LEGEND**

	Drainage Scupper
	Fiberglass Drain Pipe
	Stone Riprap Check Basin

**General Notes:**  
 All pipe shall be 12" fiberglass unless otherwise noted.  
 Stone rip rap check basins will be located at each scupper outlet point for velocity dissipation. Check basin dimensions are given on Sheet 130.  
 Stone rip rap check basins shall be Class A6 (Special). (Roadway Item)  
 All drainage scuppers and grates shall be type DS-12, as shown on sheet 130.  
 Layout lengths are provided along edge of deck. Profile view shows drainage pipe slope for scuppers and pipe located in the eastbound lanes only.  
 Pipe slope shall follow the longitudinal slope of the roadway. Where a backslope is required for outletting purposes, the slope will be 0.5% min. See Drainage System Details for scupper and pipe connection information.

ILLINOIS APPROACH STRUCTURE FOR NEW I-70 MISSISSIPPI RIVER BRIDGE  
 MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION  
 STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

**HNTB**  
 715 KIRK DRIVE  
 KANSAS CITY, MO 64105  
 TELEPHONE (816) 472-1201  
 CERTIFICATE OF AUTHORITY NO. 001270

**CMT**  
 CRAWFORD, MURPHY & TILLY, INC.  
 2750 WEST WASHINGTON STREET  
 SPRINGFIELD, IL 62702  
 TELEPHONE (217) 787-8050  
 ENGINEERING CORPORATION - 000631

**DRAINAGE PLAN AND ELEVATION 1**