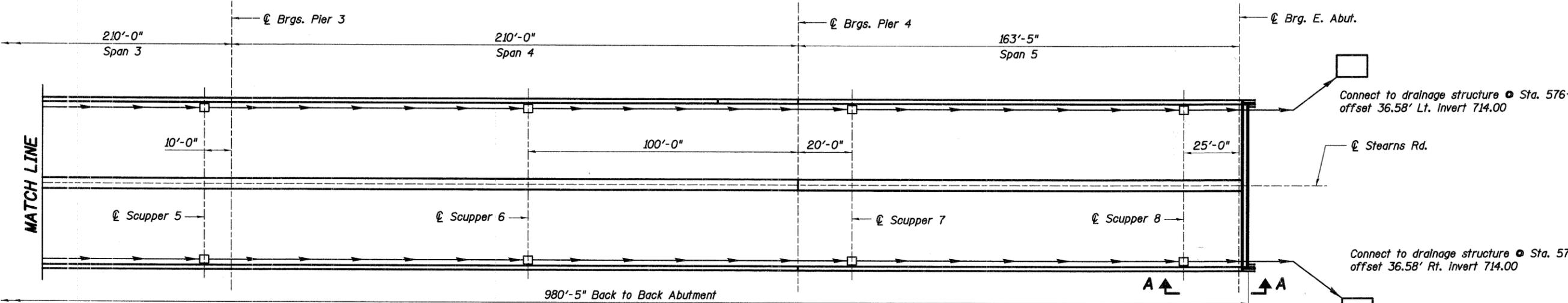
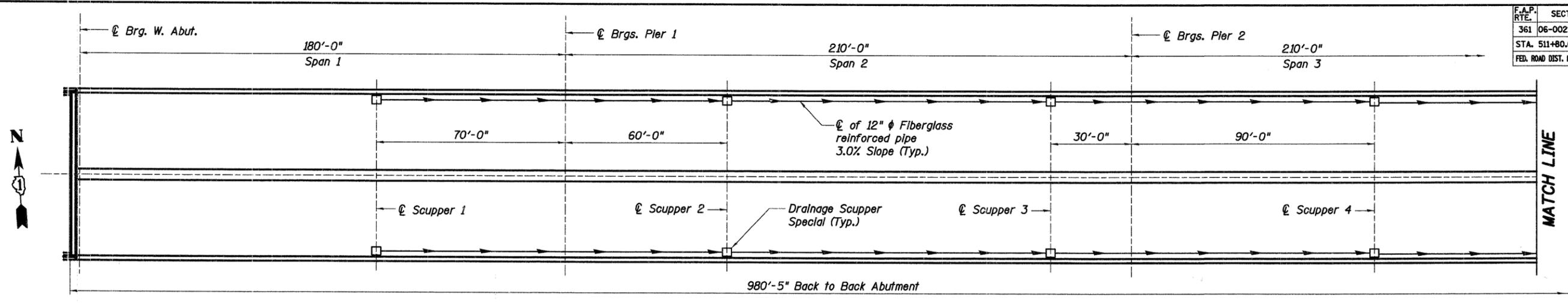


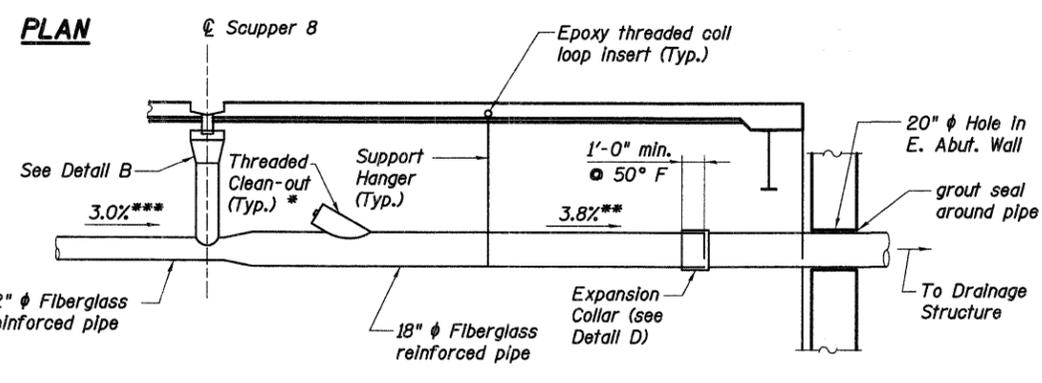
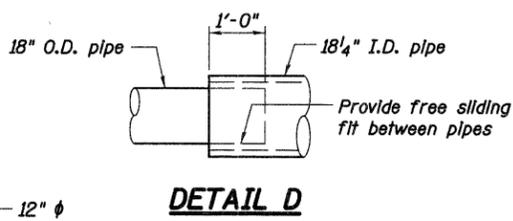
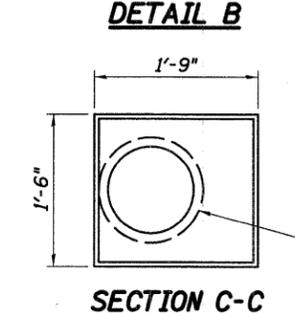
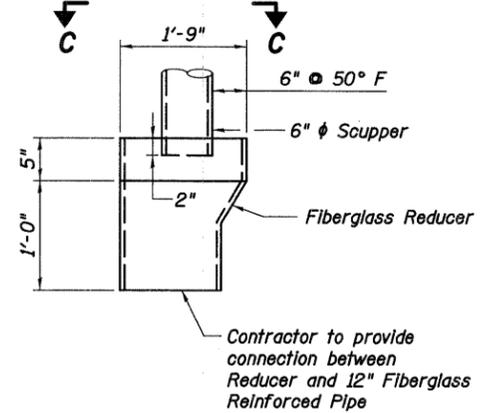
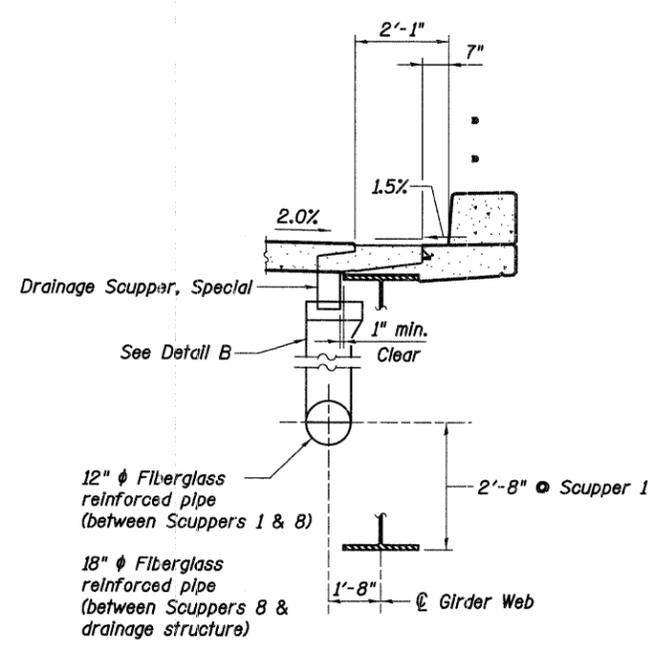
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	159
STA. 511+80.00		TO STA. 609+14.92		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		
SHEET NO. S54 OF S108				



Connect to drainage structure @ Sta. 576+55.16  
offset 36.58' Lt. Invert 714.00

Connect to drainage structure @ Sta. 576+55.16  
offset 36.58' Rt. Invert 714.00

- Notes:**
- For Drainage Scupper Details see sheet S55 S108 of
  - Distance between downspout support hangers not to exceed 5'.
  - Cost of Fiberglass Reinforced Pipe with all supports, coil loop inserts, fittings, connections and clean-outs is to be included with "Drainage System".
  - For Drainage Structure details, see Roadway plans.
  - Contractor to provide expansion collar on fiberglass reinforced pipe to account for thermal movement between bridge pipe and pipe extending to drainage structure. Collar shall account for 4" of movement from 50° F.
  - The fiberglass pipe and fittings shall have the color dark green, Federal Standard 595B, color #14062.
  - Place bird screen cover on all fiberglass reducers as directed by the engineer. Cost shall be included with "Drainage System."



**SECTION A-A**

\* Threaded Clean-out shall not extend beneath the top of the girder's bottom flange

\*\* Typ. between Scupper 8 & drainage structure

\*\*\* Typ. between Scupper 1 & 8

**BILL OF MATERIAL**

Item	Unit	Total
Drainage System	L SUM	1

**Baker**  
Baker Engineering, Inc.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**DRAINAGE SYSTEM**

STEARN'S ROAD  
OVER THE FOX RIVER  
STRUCTURE NUMBER 045-3166  
PUBLIC WATERS

KANE COUNTY  
STATION 571+42.96  
DATE: JANUARY 16, 2009

FAP 361 SECTION 06-00214-20-BR  
DESIGNED: DFM  
CHECKED: KPZ

DRAWN: SGW  
CHECKED: KPZ

h:\3005\3.0 phase 11 deliverables\3.3 structure\drawings\final\045-3166 DrainPlanandDetails.dgn 1/15/2009