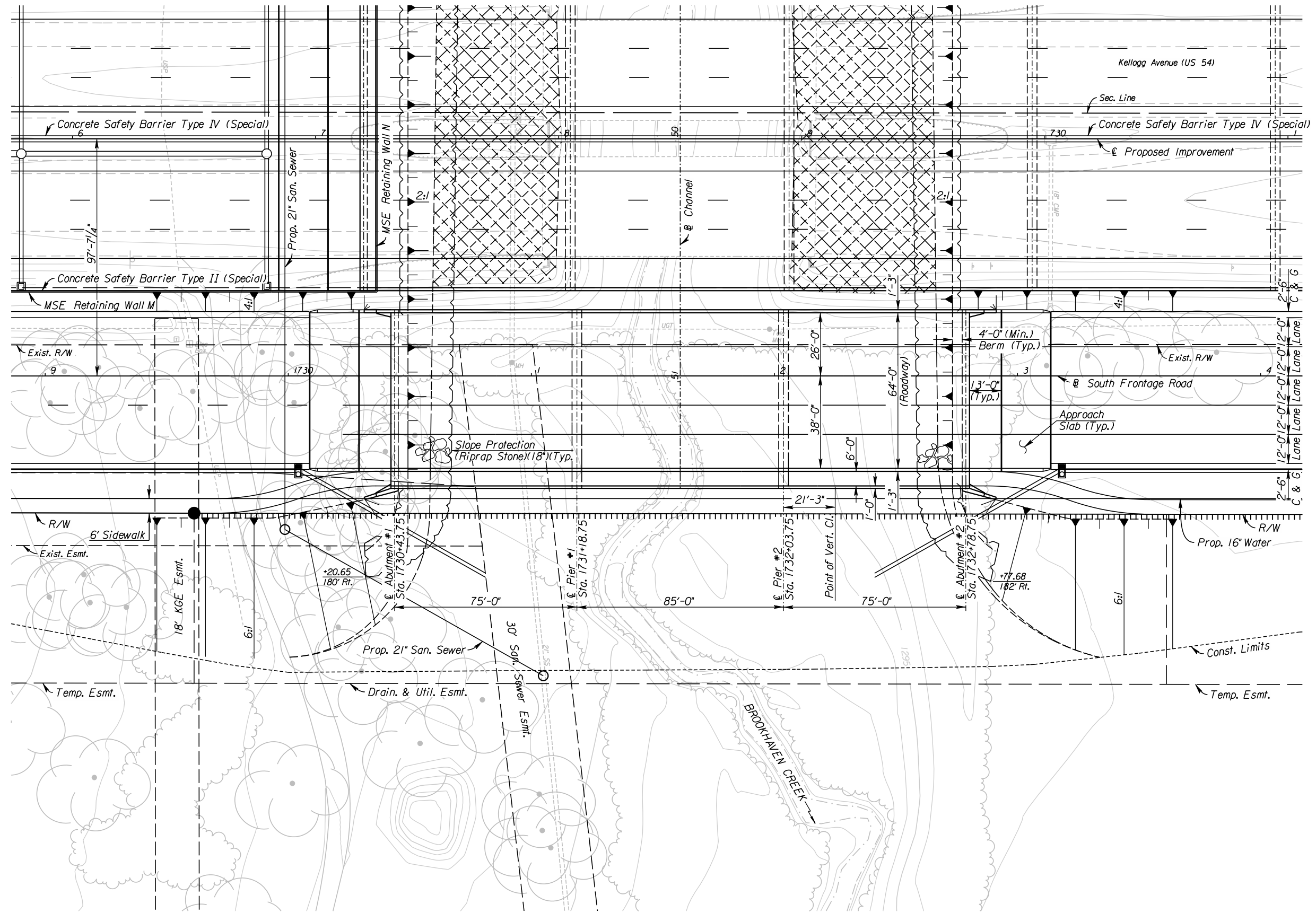
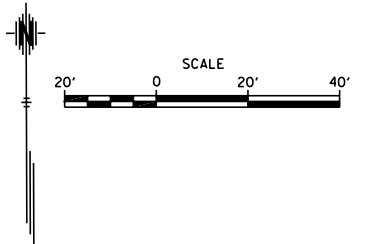


STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	201	534



**DRAINAGE DATA**

* Drainage Area	4.0 Sq. Mi.
Design Frequency	100 Years
* Design Discharge (Q <sub>100</sub> )	4,307 cfs
Design High Water Elevation	1299.10 Ft.
Design Backwater	N/A Ft.
Design Backwater Elevation	1302.22 Ft.
Overtopping Elevation (Sta. N/A)	N/A Ft.
Overtopping Discharge	N/A cfs
Overtopping Frequency	>500 Years
* Discharge at Q <sub>100</sub>	4,307 cfs
Backwater at Q <sub>100</sub>	N/A Ft.
Backwater Elevation at Q <sub>100</sub>	1302.22 Ft.
Historic High Water Elevation	N/A Ft.
Ordinary High Water Elevation	1295.0 Ft.
Total Waterway Provided	1616 Sq. Ft.
Design Waterway Provided	775 Sq. Ft.
100 Yr. Floodplain Elev. (FEMA)	
Average Velocity at Q <sub>des</sub>	5.6 fps
Average Velocity at Q <sub>100</sub>	5.6 fps

\* Drainage Area for Brookhaven Creek  
 \*\* Discharge is controlled and published by FEMA

**PLAN**

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 2/9/2011  
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 SURV. - PLOT CADD DES. - DR. - TR. - CKD. - APP.

**CITY OF WICHITA**

**SOUTH FRONTAGE ROAD OVER BROOKHAVEN CREEK**

**CONSTRUCTION LAYOUT I**

BR. NO. STA. 1731+61.25