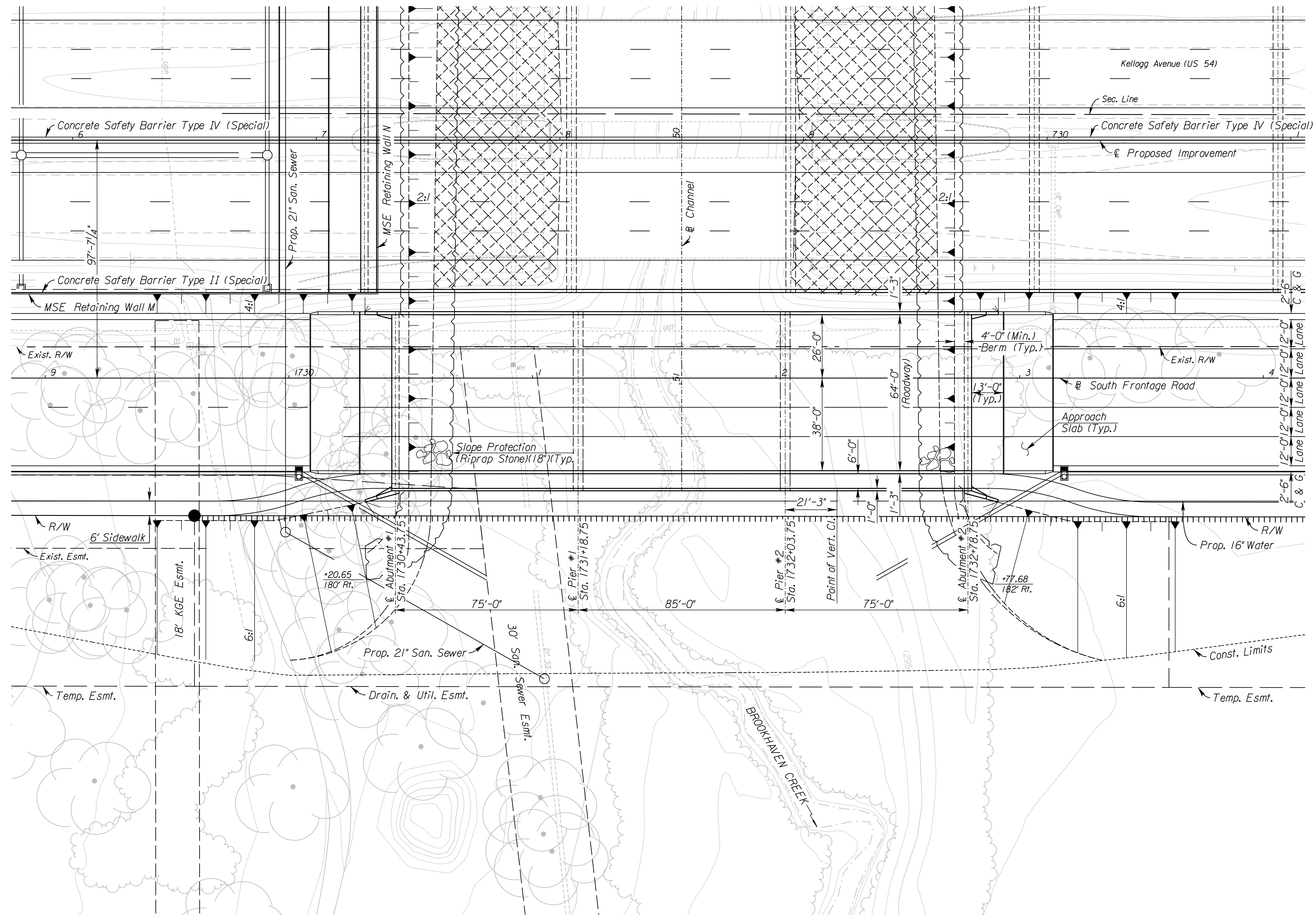
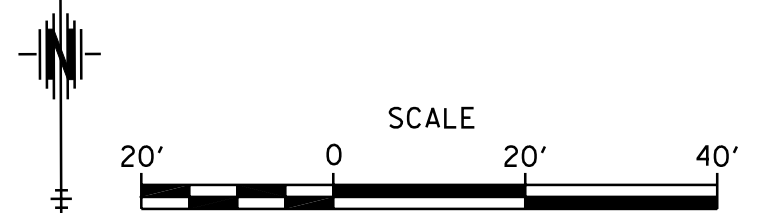


STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	201	534



DRAINAGE DATA

* Drainage Area	4.0 Sq. Mi.
Design Frequency	100 Years
** Design Discharge (Q ₁₀₀)	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 ₁₀₀	4,307 cfs
Backwater at Q ₁₀₀	N/A Ft.
Backwater Elevation at Q ₁₀₀	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 _{des}	5.6 fps
Average Velocity at Q ₁₀₀	5.6 fps
* Drainage Area for Brookhaven Creek	
** Discharge is controlled and published by FEMA	

PLAN

CITY OF WICHITA
SOUTH FRONTAGE ROAD OVER BROOKHAVEN CREEK
CONSTRUCTION LAYOUT I

BR. NO. _____ STA. 1731+61.25

I:\43129 AM
 2/9/2011
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 SURV. PLOT CADD DES. DR. TR. CKD. APP.