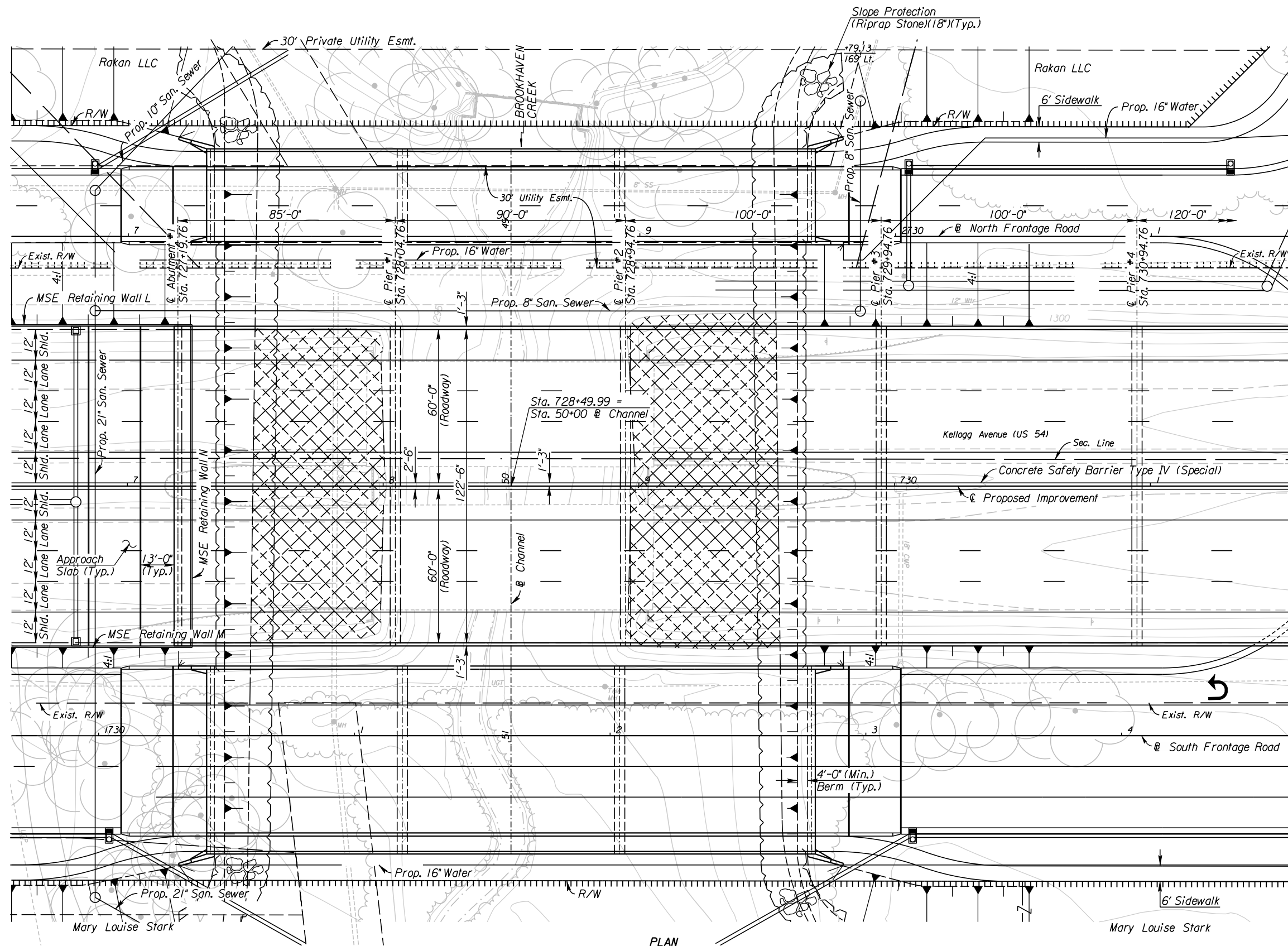
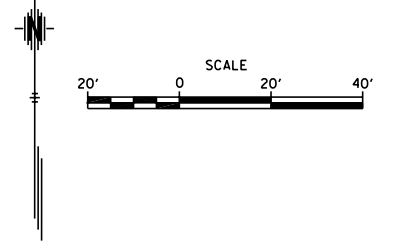


STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	205	534



DRAINAGE DATA

* Drainage Area	4.0 Sq. Mi.
Design Frequency	100 Years
** Design Discharge (Q_{100})	4,307 cfs
Design High Water Elevation	1300.80 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 Ft.
Total Waterway Provided	N/A Sq. Ft.
Design Waterway Provided	193 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
 EAST KELLOGG OVER BROOKHAVEN CREEK
 & 159TH STREET EAST
 CONSTRUCTION LAYOUT I
 BR. NO. STA. 730+88.26

1/17/10 AM
 2/21/2011
 T:\35766A\Cadd\Sheets\Structures\Bridges\159th\K259CL01.dgn
 SURV. - PLOT CADD DES. - DR. - TR. - APP. - CKD.