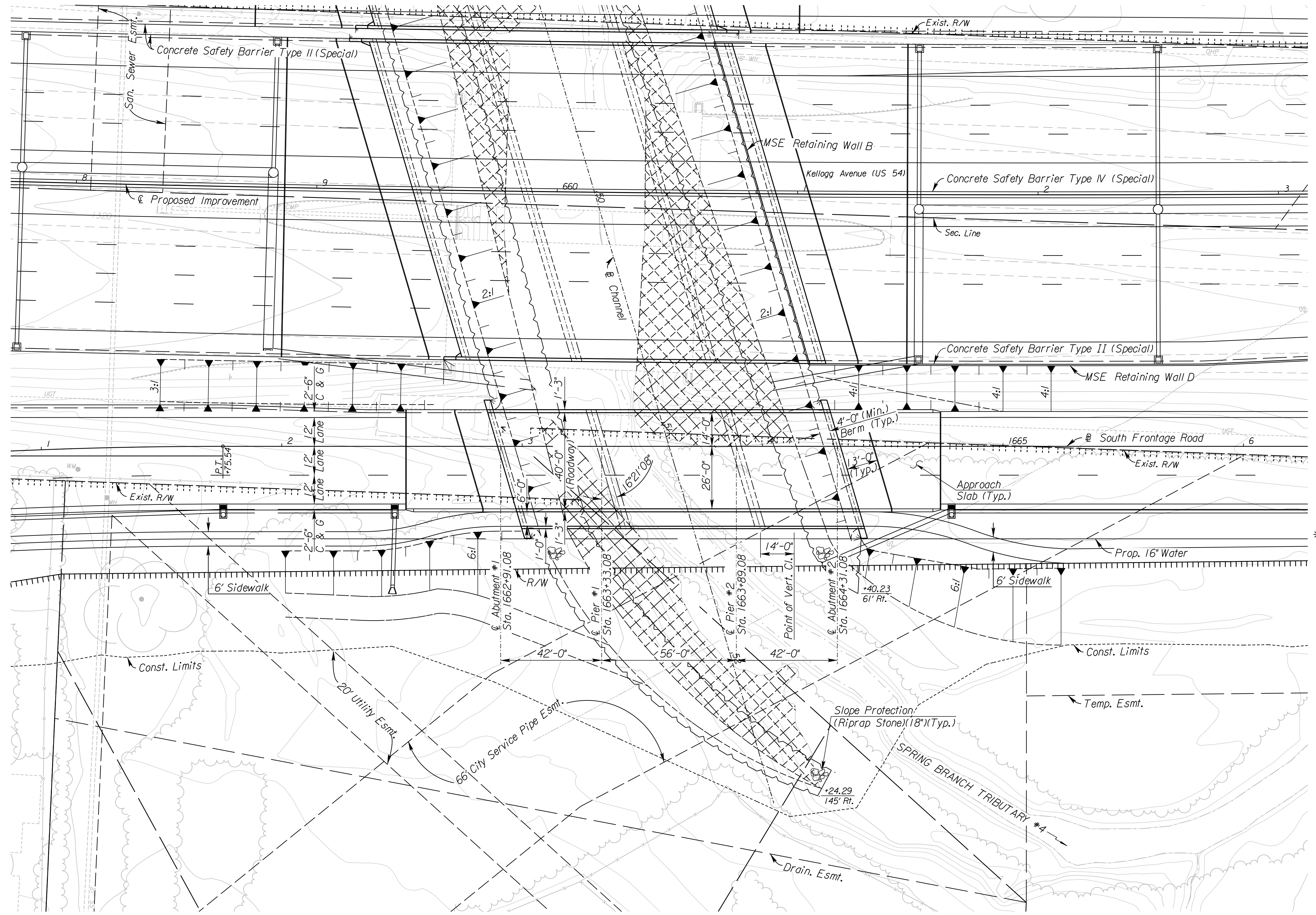
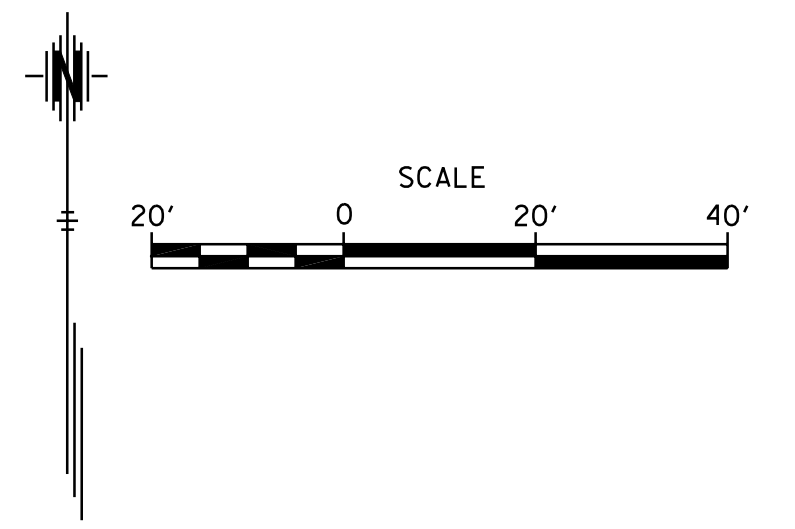


STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	186	534



DRAINAGE DATA

* Drainage Area	3.3 Sq. Mi.
Design Frequency	100 Years
** Design Discharge (Q ₁₀₀)	3,813 cfs
Design High Water Elevation	1314.39 Ft.
Design Backwater	N/A Ft.
Design Backwater Elevation	N/A Ft.
Overtopping Elevation (Sta. N/A)	N/A Ft.
Overtopping Discharge	N/A cfs
Overtopping Frequency	>500 Years
** Discharge at Q ₁₀₀	3,813 cfs
Backwater at Q ₁₀₀	N/A Ft.
Backwater Elevation at Q ₁₀₀	N/A Ft.
Historic High Water Elevation	N/A Ft.
Ordinary High Water Elevation	1309.0 Ft.
Total Waterway Provided	256 Sq. Ft.
Design Waterway Provided	219 Sq. Ft.
100 Yr. Floodplain Elev. (FEMA)	
Average Velocity at Q _{des}	3.4 fps
Average Velocity at Q ₁₀₀	3.4 fps

* Drainage Area for Spring Branch Tributary #4
 ** Discharge is controlled and published by FEMA

PLAN

I:\39+30 AM
 2/9/2011
 T:\35766A\Cadd\Sheets\Structures\Bridges\SBT4\SFR\EK25BSFCL\01.dgn
 SURV. PLOT CADD DES. DR. TR. CKD. APP.

CITY OF WICHITA
 SOUTH FRONTAGE ROAD OVER
 SPRING BRANCH TRIBUTARY #4
 CONSTRUCTION LAYOUT I

BR. NO. STA. 1663+61.08