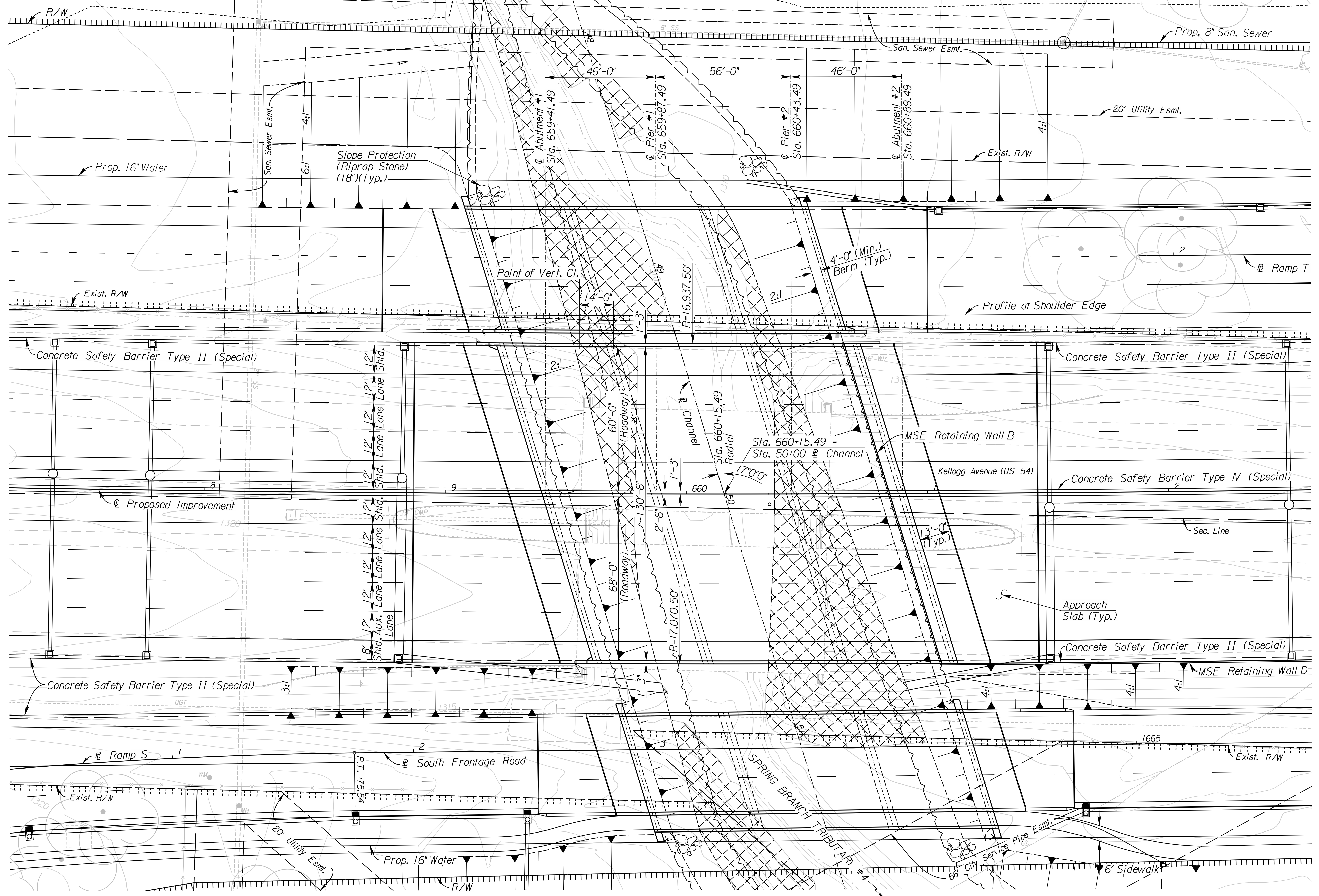
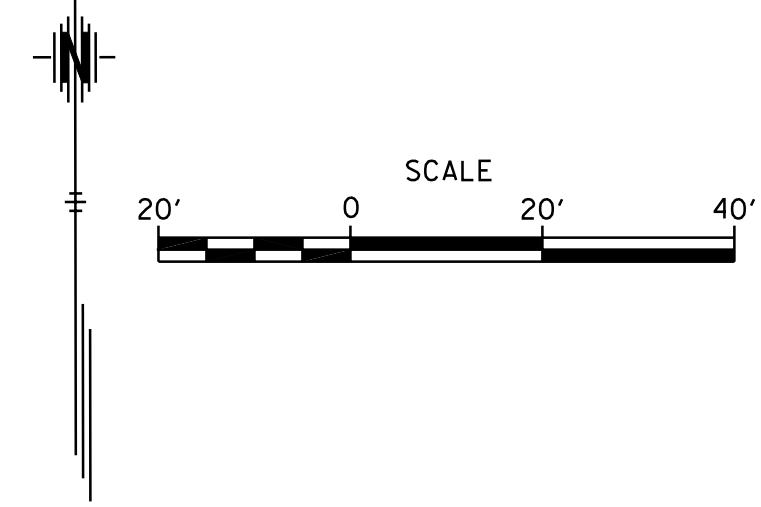


STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	184	534



**DRAINAGE DATA**

* Drainage Area	3.3 Sq. Mi.
Design Frequency	100 Years
** Design Discharge ( $Q_{100}$ )	3,813 cfs
Design High Water Elevation	1316.26 Ft.
Design Backwater	N/A Ft.
Design Backwater Elevation	1317.71 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 $Q_{100}$	1317.71 Ft.
Historic High Water Elevation	N/A Ft.
Ordinary High Water Elevation	1309.0 Ft.
Total Waterway Provided	803 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	

PROPOSED IMPROVEMENT CURVE DATA

P.I. Sta. 660+34.46	Bk. = 660+34.34	Ahd.
$\Delta = 02^\circ 34' 29"$ (Lt.)	L = 763.93'	
R = 17000.00'	E = 4.29'	
T = 382.03'		

PLAN

CITY OF WICHITA  
 EAST KELLOGG OVER  
 SPRING BRANCH TRIBUTARY #4  
 CONSTRUCTION LAYOUT I

BR. NO. STA. 660+15.49

11/8:54 AM  
 2/21/2011  
 T:\35166A\Cadd\Sheets\Structures\Bridges\SBT4\EK2\BML\CL\Y01.dgn  
 SURV. PLOT CADD DES. DR. TR. CKD. APP.