

PLAN AND PROFILE OF PROPOSED  
**STATE HIGHWAY**

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	.	281	534

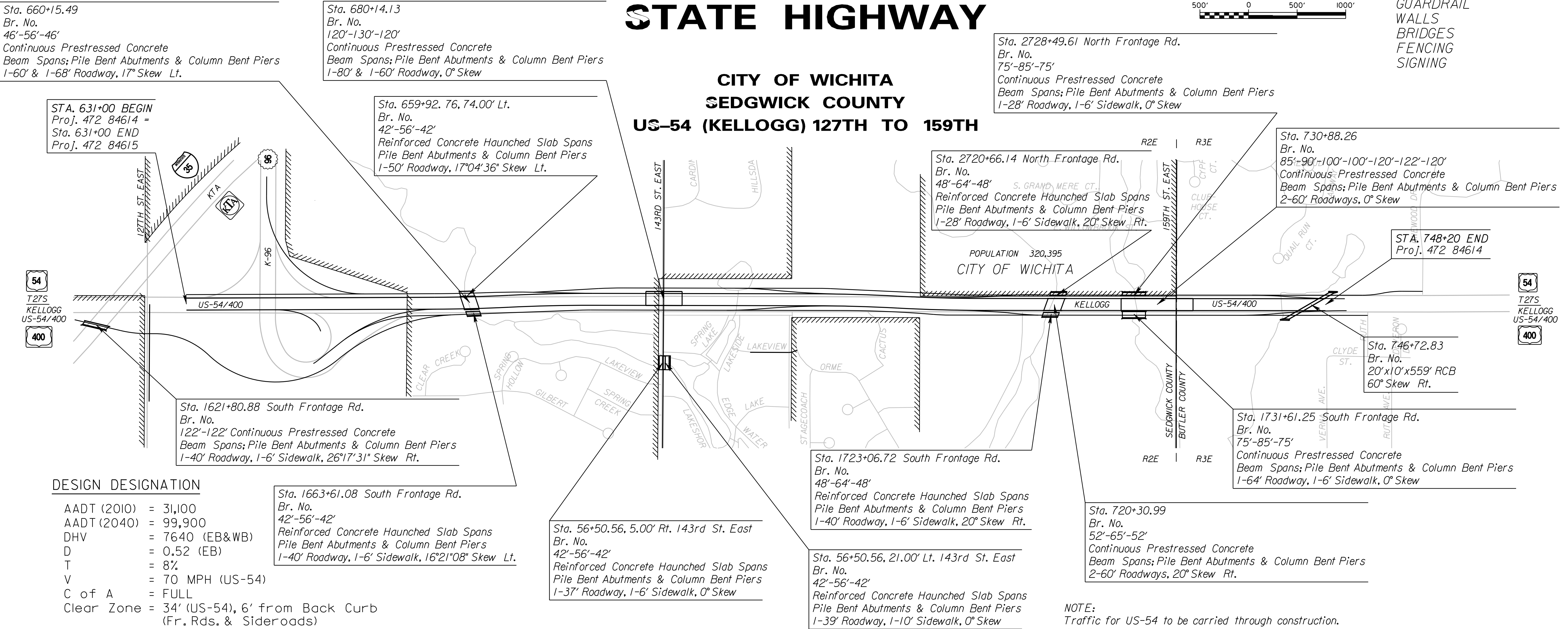
PROJ. 54-87 KA-1164-01

- GRADING
- SURFACING
- CONCRETE PAVEMENT
- STORM SEWER
- SANITARY SEWER
- WATERLINE
- GUARDRAIL
- WALLS
- BRIDGES
- FENCING
- SIGNING



INDEX OF SHEETS  
 VOLUME 1- ROADWAY, DRAINAGE, SEWER, WATER, GUARDRAIL  
 VOLUME 2 - RETAINING WALLS, BRIDGES, FENCING, SIGNING,  
 CONSTRUCTION SEQUENCE, RIGHT-OF-WAY  
**VOLUME 3 - CROSS SECTIONS**  
 SEE SHEET NO. 282 FOR INDEX SHEET

**CITY OF WICHITA  
 SEDGWICK COUNTY  
 US-54 (KELLOGG) 127TH TO 159TH**



**DESIGN DESIGNATION**

AADT (2010) = 31,100
AADT (2040) = 99,900
DHV = 7640 (EB&WB)
D = 0.52 (EB)
T = 8%
V = 70 MPH (US-54)
C of A = FULL
Clear Zone = 34' (US-54), 6' from Back Curb (Fr. Rds. & Sideroads)

CONVENTIONAL SIGNS

COUNTY LINE	.....	CENTER LINE OF PROJECT	.....
CITY LIMITS	.....	TERRACE	.....
STATE OR NATIONAL LINE	.....	CULVERTS	.....
TOWNSHIP, SECTION or GRANT LINE	.....	DROP INLET & STORM SEWER	.....
PROPERTY LINE	.....	ACCESS CONTROL	.....
HIGHWAY FENCE	.....	POWER POLE	.....
EXISTING FENCE	.....	TELEPHONE POLE	.....
GUARD FENCE	.....	MARSH	.....
CONSTRUCTION LIMITS	.....	HEDGE	.....
RIGHT OF WAY LINE	.....	TREES	.....
TRAVELED WAY	.....	PROFILE ELEVATION	.....
RAILROADS	.....	STREAM or CREEK	.....

GROSS LENGTH OF PROJECT	11,720.00 FT.
EXCEPTIONS	0.00 FT.
ADDITIONS	0.00 FT.

NET LENGTH OF PROJECT	11,720.00 FT.	2.220 MILES
NET LENGTH OF BRIDGES	1,436.33 FT.	0.272 MILES
NET LENGTH OF ROAD	10,283.67 FT.	1.948 MILES

**NOTE:**  
 Traffic for US-54 to be carried through construction.  
 See Sheet No's. 235 - 260 for Construction Sequence.

APPROVED - DATE  
 JIM ARMOUR, P.E., CITY ENGINEER  
 CITY OF WICHITA, KANSAS

DATE	BY

Drawn By:   
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