

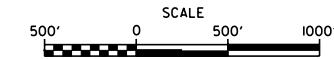


PLAN AND PROFILE OF PROPOSED STATE HIGHWAY

| 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

Sta. 660+15.49
Br. No. 46'-56'-46'
Continuous Prestressed Concrete
Beam Spans; Pile Bent Abutments & Column Bent Piers
1-60' & 1-68' Roadway, 17° Skew Lt.

Sta. 680+14.13
Br. No. 120'-130'-120'
Continuous Prestressed Concrete
Beam Spans; Pile Bent Abutments & Column Bent Piers
1-80' & 1-60' Roadway, 0° Skew

Sta. 2728+49.61 North Frontage Rd.
Br. No. 75'-85'-75'
Continuous Prestressed Concrete
Beam Spans; Pile Bent Abutments & Column Bent Piers
1-28' Roadway, 1-6' Sidewalk, 0° Skew

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

STA. 631+00 BEGIN
Proj. 472 84614 -
Sta. 631+00 END
Proj. 472 84615

Sta. 659+92.76, 74.00' Lt.
Br. No. 42'-56'-42'
Reinforced Concrete Haunched Slab Spans
Pile Bent Abutments & Column Bent Piers
1-50' Roadway, 17°04'36" Skew Lt.

Sta. 2720+66.14 North Frontage Rd.
Br. No. 48'-64'-48'
Reinforced Concrete Haunched Slab Spans
Pile Bent Abutments & Column Bent Piers
1-28' Roadway, 1-6' Sidewalk, 20° Skew Rt.

Sta. 730+88.26
Br. No. 85'-90'-100'-100'-120'-122'-120'
Continuous Prestressed Concrete
Beam Spans; Pile Bent Abutments & Column Bent Piers
2-60' Roadways, 0° Skew

STA. 748+20 END
Proj. 472 84614

Sta. 746+72.83
Br. No. 20'x10'x559' RCB
60° Skew Rt.

Sta. 1731+61.25 South Frontage Rd.
Br. No. 75'-85'-75'
Continuous Prestressed Concrete
Beam Spans; Pile Bent Abutments & Column Bent Piers
1-64' Roadway, 1-6' Sidewalk, 0° Skew

Sta. 1723+06.72 South Frontage Rd.
Br. No. 48'-64'-48'
Reinforced Concrete Haunched Slab Spans
Pile Bent Abutments & Column Bent Piers
1-40' Roadway, 1-6' Sidewalk, 20° Skew Rt.

Sta. 720+30.99
Br. No. 52'-65'-52'
Continuous Prestressed Concrete
Beam Spans; Pile Bent Abutments & Column Bent Piers
2-60' Roadways, 20° Skew Rt.

Sta. 56+50.56, 5.00' Rt. 143rd St. East
Br. No. 42'-56'-42'
Reinforced Concrete Haunched Slab Spans
Pile Bent Abutments & Column Bent Piers
1-37' Roadway, 1-6' Sidewalk, 0° Skew

Sta. 56+50.56, 21.00' Lt. 143rd St. East
Br. No. 42'-56'-42'
Reinforced Concrete Haunched Slab Spans
Pile Bent Abutments & Column Bent Piers
1-39' Roadway, 1-10' Sidewalk, 0° Skew

Sta. 1621+80.88 South Frontage Rd.
Br. No. 122'-122' Continuous Prestressed Concrete
Beam Spans; Pile Bent Abutments & Column Bent Piers
1-40' Roadway, 1-6' Sidewalk, 26°17'31" Skew Rt.

Sta. 1663+61.08 South Frontage Rd.
Br. No. 42'-56'-42'
Reinforced Concrete Haunched Slab Spans
Pile Bent Abutments & Column Bent Piers
1-40' Roadway, 1-6' Sidewalk, 16°21'08" Skew Lt.

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 | |
| SURVEY | |
| CADD TECHNICIAN | |
| DESIGNERS | |
| SQUAD | |

Drawn By: [Name] Plotted: 12/29/2011
File: T:\35766A\Cadd\Sheets\General\K2ML1\SH03.dgn