STATE OF KANSAS

# STATE HIGHWAY COMMISSION

## PLAN AND PROFILE OF PROPOSED

# STATE HIGHWAY

## FEDERAL AID PROJECT

SEDGWICK COUNTY
INTERSTATE 235
ACCESS CONTROL

| PUB. ROAD DIV. NO. | STATE | PROJECT NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|---|
| 5 | KANSAS | | 1959 | 1 | 39 |

PROJ. NO. 235-87I-235-1(12)58

GRADING
BRIDGES
SEEDING

W-E-S-N

SCALE 1" = 1,000'

### INDEX OF SHEETS


| SHEET NO. | DESIGNATION |
|---|---|
| 1. | TITLE SHEET |
| 2-3. | TYPICAL SECTIONS |
| 4-5. | PLAN & PROFILE |
| 6. | GEOMETRIC LAYOUT NORTH DIRECTIONAL INTERCHANGE |
| 7. | CONTOUR GRADING SHEET |
| 8. | CONC. DITCH INLETS TYPE I & II |
| 9. | CONC. DITCH INLET TYPE III |
| 10. | MEDIAN DRAIN SCHEDULE |
| 11. | METAL END SECTION |
| 12. | CONC. END SECTION |
| 13-21. | BRIDGE NO. 235-87-24.90 N.B. |
| 22-30. | BRIDGE NO. 235-87-24.90 S.B. |
| 31A | HANDRAIL DETAILS |
| 32. | STANDARD PILE DETAILS |
| 33. | TYPICAL LIGHT STANDARD SUPPORT DETAILS |
| 34. | BRIDGE EXCAVATION |
| 35. | SUPPORTS AND SPACERS FOR REINFORCING STEEL |
| 36. | CONSTRUCTION TRAFFIC CONTROL |
| 37. | SUMMARY OF QUANTITIES |
| 38. | SUMMARY OF COMPUTED EARTHWORK QUANTITIES |
| 39. | DRAINAGE AREAS |
| 37A. | EROSION CONTROL-SEEDING |
| 36A | CONSTRUCTION IDENTIFICATION SIGNS |
| 33A | REINFORCED CONCRETE RIPRAP |


### DESIGN DESIGNATION

ADT (1957) = 1770
ADT (1975) = 7075
DHV = 920
D = 60%
T = 5%
V = 60 MPH
C OF A = FULL

ADDITION:
Sta. 447+96.25 to
Sta. 448+72.82 = 76.57'

STA. 449+77.71
BR. NO. 235-87-24.90
43°-54'-3" @ 48-3 @ 50'-37" R.C.H.S.
41' N.B. ROADWAY
43°-54'-52"-58'50'-37" R.C.H.S.
30' S.B. ROADWAY

STA. 448+72.82 END
PROJ. NO. 235-87I-235-1(15) 49 PART III
BEGIN PROJ. NO. 235-87I-235-1(12)58

U.S. 81 & K 15

TRAFFIC THROUGH CONST.

W½ Sec. 28, T26S, R1E.

STA. 478+22.87 END
PROJ. NO. 235-87I-235-1(12)58

EXCEPTION:
Sta. 477+70.12 to
Sta. 478+22.87 = 52.75'

RIW & PE. obtained under
Project 235-87-1238-1(7)49

COMPLETED CONSTRUCTION PLANS
HAVE BEEN MICROFILMED
FOR ANY CHANGES MADE
ON CONSTRUCTION SEE
ROLL 422 FRAME 148

### CONVENTIONAL SIGNS

COUNTY LINE
CITY, VILLAGE, OR BOROUGH
STATE OR NATIONAL LINE
TOWNSHIP LINE
SECTION LINE
GRANT LINE
FENCE LINE
GUARD FENCE
UNFENCED PROPERTY
RIGHT OF WAY LINE
TRAVELLED WAY
RAILROADS
ACCESS CONTROL
RETAINING WALL
BASE OR SURVEY LINE
LEVEE
CULVERTS
DROP INLETS
TROLLEY POLE
POWER LINE
TELEPHONE OR TELEGRAPH LINE
MARSH
HEDGE
TREES
GRADE ELEVATION
CITY LIMITS

WICHITA

| | | | |
|---|---|---|---|
| GROSS LENGTH OF PROJECT | 2950.05 | FT. (SOUTHBOUND ROADWAY) | |
| EXCEPTIONS | 52.75 | FT. | |
| ADDITIONS | 76.57 | FT. | |
| NET LENGTH OF PROJECT | 2973.87 | FT. | 0.563 MILES |
| NET LENGTH OF BRIDGES | 438.59 | FT. | 0.083 MILES |
| NET LENGTH OF ROAD | 2535.28 | FT. | 0.480 MILES |

PLANS PREPARED BY - DATE JAN. 1960

WILSON & COMPANY
ENGINEERS - ARCHITECTS

RECOM. FOR APPROVAL DATE

ENGINEER OF DESIGN
STATE HIGHWAY COMMISSION OF KANSAS

RECOM. FOR APPROVAL DATE

ENGINEER
BUREAU OF PUBLIC ROADS
DEPARTMENT OF COMMERCE

APPROVED DATE

STATE HIGHWAY ENGINEER
STATE HIGHWAY COMMISSION OF KANSAS

APPROVED DATE

DISTRICT ENGINEER
BUREAU OF PUBLIC ROADS
DEPARTMENT OF COMMERCE