FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87N-0128-01	2000	1	118

87 CMAQ-N 012(801)

GRADING
SURFACING
PAVEMENT MARKINGS
SEEDING
SIGNALS

STATE OF KANSAS

DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY

FEDERAL AID PROJECT

PROJECT NO. 472-83057
O.C.A. No. : 706805

CITY OF WICHITA, KANSAS
MICHAEL E. LINDEBAK, P.E., CITY ENGINEER

INDEX OF SHEETS

1. TITLE SHEET
2. GENERAL NOTES
3–8. TYPICAL SECTIONS
9–19. CENTRAL PLAN
20–25. RIDGE PLAN
26–33. STORM SEWER PROFILES
34–37. INTERSECTION DETAILS
38–41. RETAINING WALL PLAN AND DETAILS
42. CURB AND GUTTER DETAILS
43. STANDARD DRIVE ENTRANCES FOR FULL CURB
44. VALLEY GUTTER AND CROSSWALK DETAILS
45. SIDEWALK AND STEPS
46–48. TYPE I CURB INLET DETAILS
49. TYPE IA CURB INLET DETAILS
50. TYPE II CURB INLET DETAILS
51. SPECIAL TYPE 2–F INLET DETAILS
52–53. INLET MODIFICATION DETAILS
54. DROP INLET DETAIL
55. STANDARD REINFORCED CONCRETE MANHOLE DETAIL
56. STANDARD TYPE P MANHOLES
57. SHALLOW TYPE P AND C MANHOLES
58. MANHOLE ADJUSTMENT DETAIL
59. MANHOLE FRAME AND COVER
60–61. SUMMARY OF QUANTITIES
62. TRAFFIC SIGNAL PLAN CENTRAL/RIDGE
63. CROSSWALK SIGNAL PLAN WEST OF WOODCHUCK
64. SIGNAL WIRING AND NOTES
65–72. SIGNAL INTERCONNECT PLANS
73. POWER POLE DETAILS
74. STEEL SIGNAL POLE ASSEMBLY DETAILS
75. SERVICE/JUNCTION BOX, CONTROLLER PAD CONSTRUCTION/ INSTALLATION DETAILS
76. LOOP DETECTOR CONSTRUCTION AND INSTALLATION DETAILS
77–82. TRAFFIC SIGNAL SPECIFICATIONS
83–87. SIGNAGE AND PAVEMENT MARKING PLANS
88–89. SIGNAGE DETAILS
90–118. EARTHWORK CROSS SECTIONS

DESIGN DESIGNATION

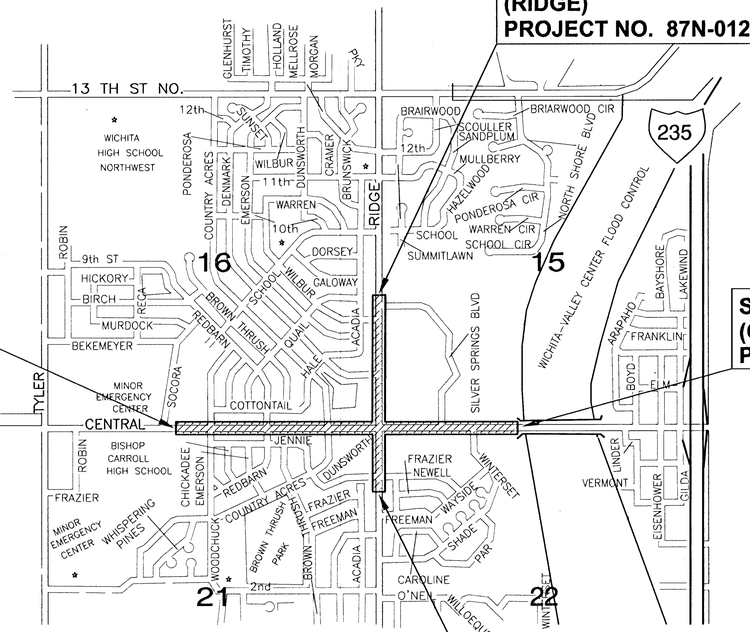
AADT	20,185
AADT	22,155
DHV	–
D	–
T	03%
V	60 K.P.H.
C of A	NONE
Clear Zone	2m

STATION 5+600.706 END (RIDGE)
PROJECT NO. 87N-0128-01

STATION 9+090.279 BEGIN (CENTRAL)
PROJECT NO. 87N-0128-01

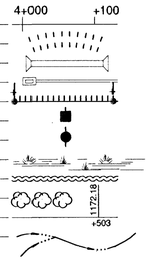
STATION 10+594.233 END (CENTRAL)
PROJECT NO. 87N-0128-01

STATION 4+670.640 BEGIN (RIDGE)
PROJECT NO. 87N-0128-01



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 1 503.9 M
EXCEPTIONS
ADDITIONS

NET LENGTH OF PROJECT	1 503.9 M	1.504 KM
NET LENGTH OF BRIDGES	M	KM
NET LENGTH OF ROADS	1 503.9 M	1.504 KM

BENCHMARKS

C.O.W. @ NW cor. of Woodchuck and Central 52' N & 24' W of CL of both, 2' N of back of walk 9' W of BOC
ELEV. 408.873

C.O.W. @ N end of E hubguard outlet structure
E side of Ridge 175'± S of School
ELEV. 401.586

C.O.W. @ SW cor bridge top of hubguard on East bound bridge West of Hoover @ Big Ditch & Central
ELEV. 403.546

RR Spike in PP @ N.E. corner of Silver Springs and Central
ELEV. 400.571

RR Spike in E face PP @ SW corner of Denmark and Ridge
ELEV. 401.086

"□" cut TC Return @ NW corner of Wilbur and Ridge
ELEV. 400.337

"□" cut TC SW corner of Central and Ridge
ELEV. 401.952

DRAINAGE
C-83
D-34
REFERENCED

KDOT METRIC

ALL DIMENSIONS SHOWN WITHOUT AN SI SUFFIX ARE IN MILLIMETERS. ALL ELEVATIONS ARE IN METERS. (MSL DATUM)

RECOM. FOR APPROVAL–DATE	RECOM. FOR APPROVAL–DATE
CHIEF, BUREAU OF DESIGN KANSAS DEPARTMENT OF TRANSPORTATION	ENGINEER FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION
APPROVED – DATE	APPROVED – DATE
STATE TRANSPORTATION ENGINEER KANSAS DEPARTMENT OF TRANSPORTATION	DIVISION ADMINISTRATOR FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION

CHRISTOPHER MICHAEL BOHM — LICENSED — 12/18/2000 — KANSAS — PROFESSIONAL ENGINEER

SRB 924 NORTH MAIN WICHITA, KANSAS 67203 316-264-8008 FAX 264-4621
SAVOY, RUGGLES & BOHM, P. A.
ENGINEERING & SURVEYING

DATE | BY | SURVEY | CADD TECHNICIAN | DESIGNERS | SQUAD