

FHWA REG NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87-N-0200-01	2001	1	78

STATE OF KANSAS

DEPARTMENT OF TRANSPORTATION



PLAN AND PROFILE OF PROPOSED
FEDERAL AID PROJECT

21ST STREET NORTH FROM
HILLSIDE TO OLIVER

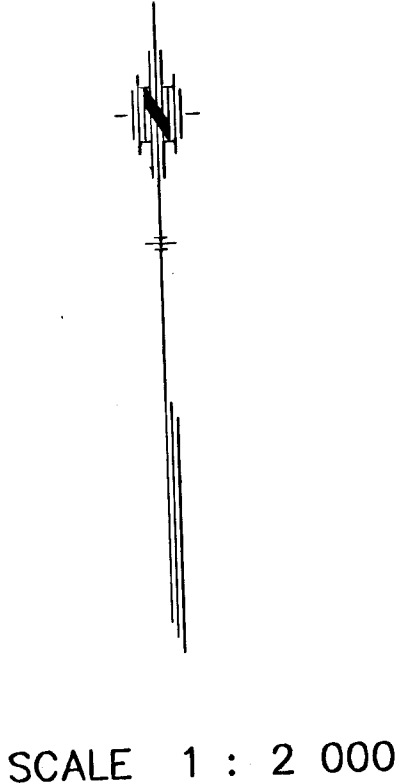
PROJ. NO. 87-N-0200-01

C.O.W. PROJ. NO. 472-83368

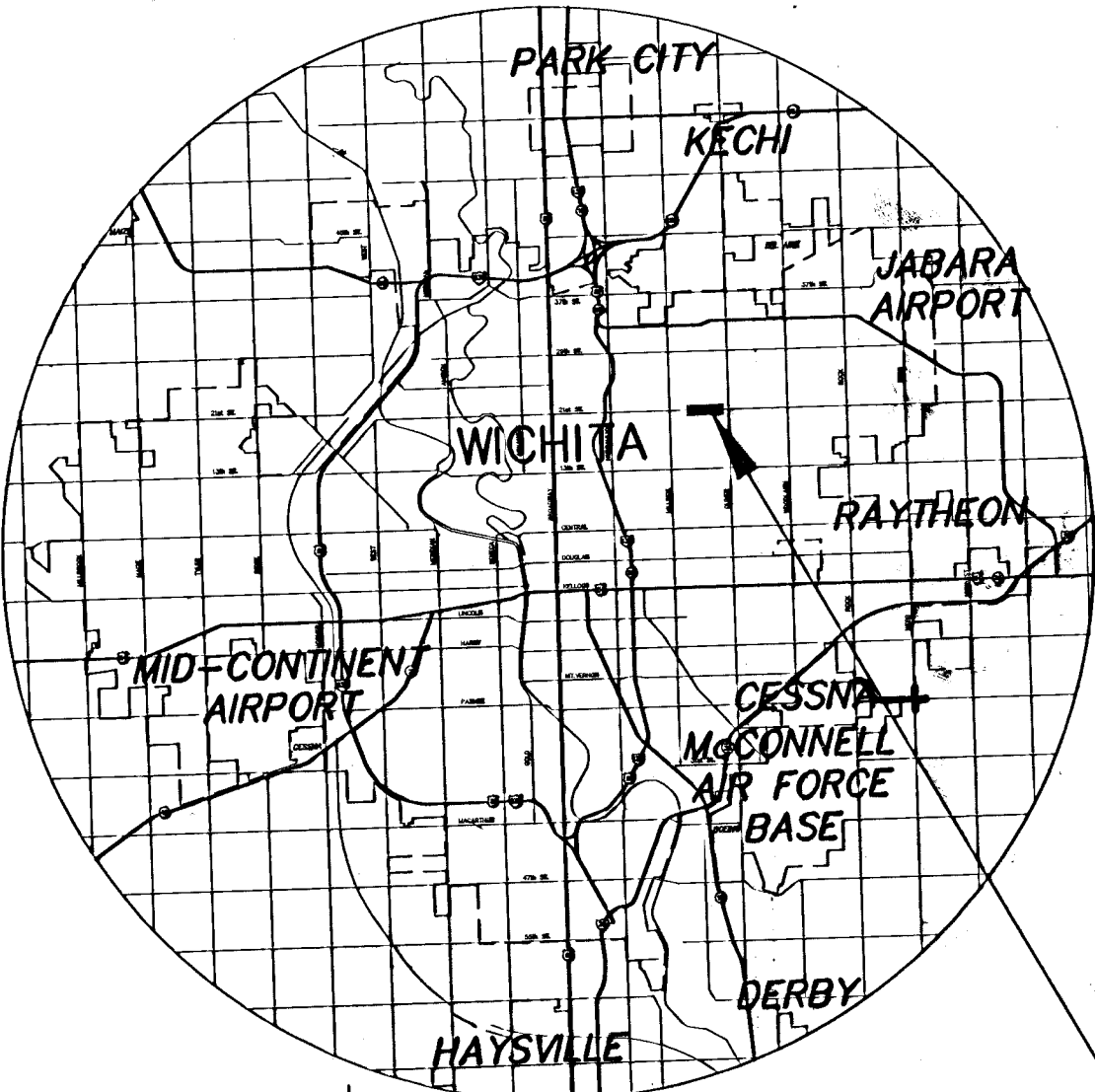
OCA NO. 706823

WICHITA, SEDGWICK COUNTY

POPULATION 311,746



- STP-N020(001)
- GRADING
- SURFACING
- STORM SEWER
- PAVEMENT MARKING
- SEEDING



PROJECT LOCATION

DRAINAGE
UPDATED
B-216
2-15-03

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	Title Sheet
2	Typical Section
3-9	Pavement Plans
10-11	Storm Sewer Plans
12	Water Line Relocation Plan
13-16	Pavement Details
17-22	Storm Sewer Details
23-26	RCB Details
27	Schedule of Inlets & Manholes
28	Water Assembly Details
29	Miscellaneous Details
30	Summary of Quantities
31-36	Temporary Project Water Pollution Control
37-44	Roadside Improvements - Landscaping
45-51	Traffic Signal Plans
52-54	Pavement Marking & Signing Plans
55-63	Construction Staging Sequence & Details
64-65	Drainage Map
66-78	Paving Cross Sections

DATE	BY
	SURVEYED
	CAD TECHNICIAN
	DESIGNERS
	SQUAD

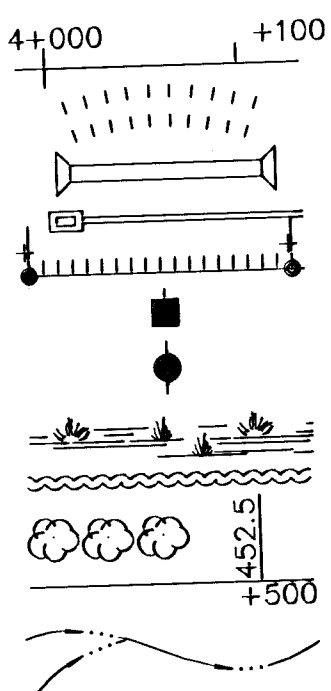
DESIGN DESIGNATION

AADT (2000)	= 16840
AADT (2030)	= 24850
DHV	= 2500 (2496)
D	= 54.2%
T	= 3.0%
V	= 60 km/h
Control of Access	= NONE
Clear Zone	= 2m

CONVENTIONAL SIGNS

COUNTY LINE	----
CITY LIMITS	=====
STATE OR NATIONAL LINE	-----
TOWNSHIP, SECTION or GRANT LINE	-----
PROPERTY LINE	-----
HIGHWAY FENCE	-----
EXISTING FENCE	-----
GUARD FENCE	-----
CONSTRUCTION LIMITS	-----
RIGHT OF WAY LINE	-----
TRAVELED WAY	=====
RAILROADS	-----

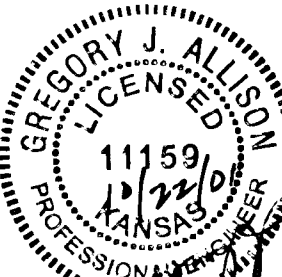
CENTER LINE OF PROJECT	-----
TERRACE	-----
CULVERTS	-----
DROP INLET & STORM SEWER	-----
ACCESS CONTROL	-----
POWER POLE	-----
TELEPHONE POLE	-----
MARSH	-----
HEDGE	-----
TREES	-----
PROFILE ELEVATION	-----
STREAM or CREEK	-----



NOTE: Traffic to be carried through construction

GROSS LENGTH OF PROJECT	967.93 m
EXCEPTIONS	0.00 m
ADDITIONS	0.00 m
NET LENGTH OF PROJECT	967.93 m
NET LENGTH OF BRIDGES	0.00 m
NET LENGTH OF ROAD	967.93 m

Datum B.M.
=C.O.W. Bench Mark Disk 12.01 m W.
& 13.41 m N. C/L of 21st & Bluff
Elev=61.289 (C.O.W. Datum)
C.O.W. Elev + 361.920 = NGVD29



PREPARED & SUBMITTED BY

MKEC ENGINEERING CONSULTANTS, INC.
WICHITA, KANSAS

All Dimensions shown, without a SI suffix, are in millimeters. All elevations shown are in meters.

KDOT METRIC

NOTE: This project falls within the purview of a nation wide permit authorized under Federal Regulations 33 CFR Part 330 published in the December 23, 1996 Federal Register.

APPROVED - DATE
MICHAEL E. LINDEBAK CITY ENGINEER PROJECT NO. 87 N-0200-01

RECOM. FOR APPROVAL-DATE
CHIEF, BUREAU OF LOCAL PROJECTS KANSAS DEPARTMENT OF TRANSPORTATION
APPROVED - DATE
STATE TRANSPORTATION ENGINEER KANSAS DEPARTMENT OF TRANSPORTATION