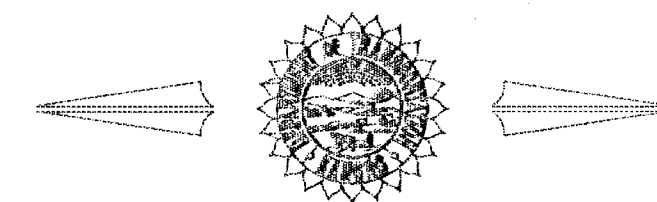


STATE OF KANSAS
DEPARTMENT OF TRANSPORTATION



PLAN AND PROFILE OF PROPOSED
21ST STREET NORTH STREET IMPROVEMENTS

FEDERAL AID PROJECT 87 N-0189-01

PROJECT NO. 472-83138

O.C.A. No. : 706814

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

FINAL PLANS

**GRADING
SURFACING
STORM SEWER
PAVEMENT MARKINGS
SEEDING**

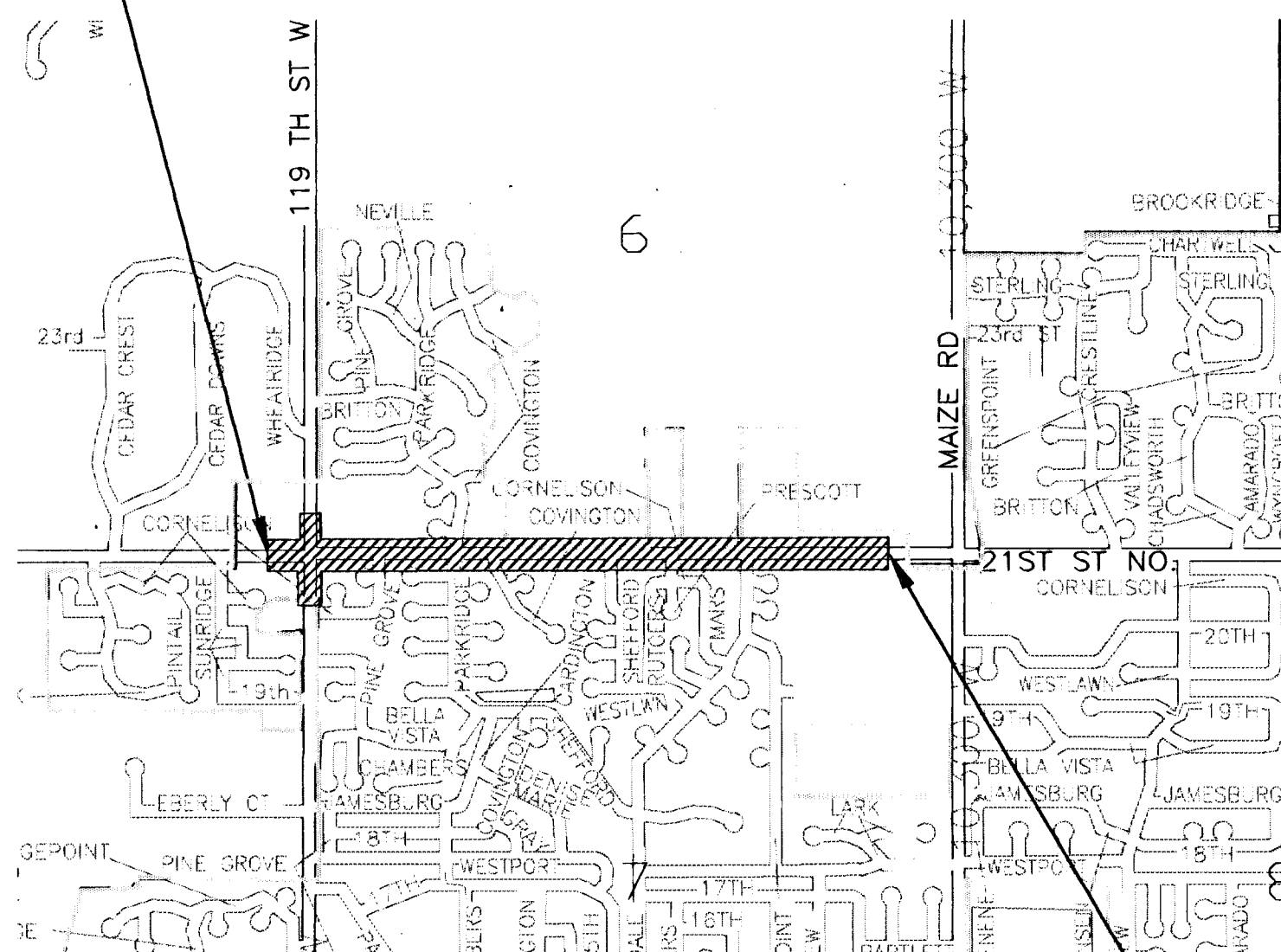
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DESIGN DESIGNATION

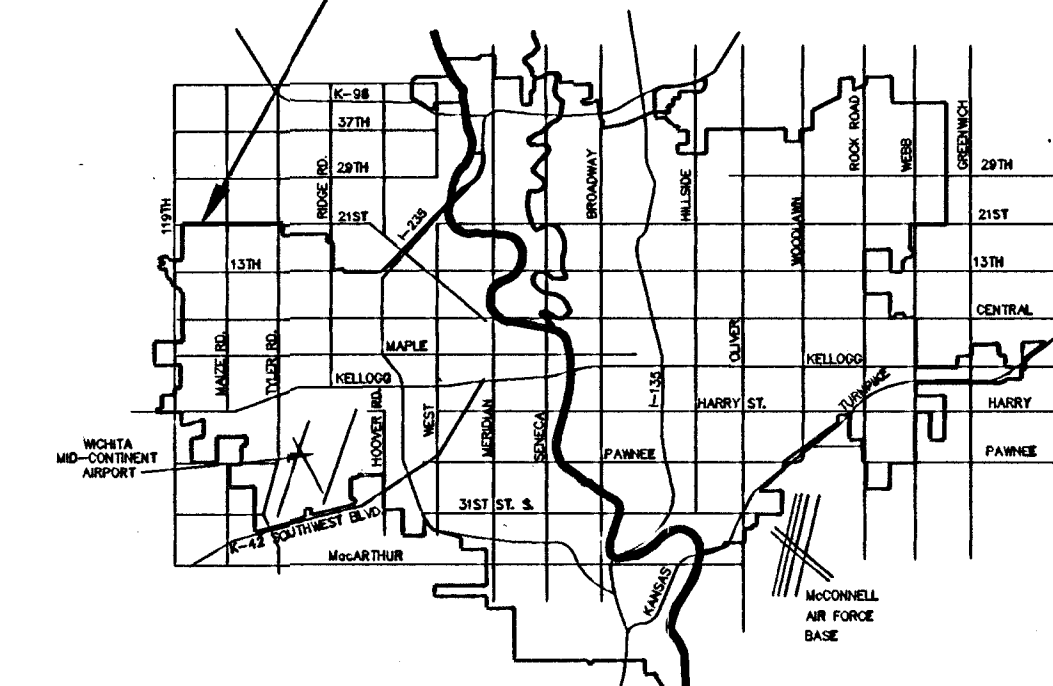
AADT 30 yrs. East 13,528
AADT 30 yrs. West 14,798
DHV 10%
D 12,000
T 3%
V 60 K.P.H.
C of A NONE
Clear Zone 1.8 m

STATION 9+972.345 BEGIN
PROJECT NO. 87 N-0189-01



STATION 11+262.457 END
PROJECT NO. 87 N-0189-01

PROJECT LOCATION



VICINITY MAP

NOT METRIC

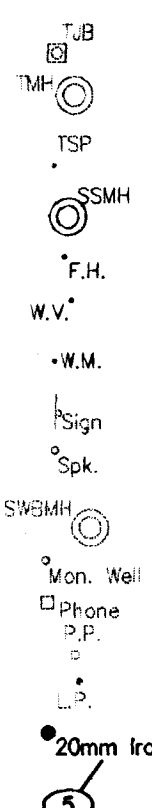
ALL DIMENSIONS SHOWN WITHOUT
AN SI SUFFIX ARE IN
MILLIMETERS. ALL ELEVATIONS
ARE IN METERS. (MSL DATUM)

CONVENTIONAL SIGNS

COUNTY LINE	=====	RETAINING WALL	=====
CORPORATE LIMITS	=====	CENTER LINE OF PROJECT	=====
STATE OR NATIONAL LINE	=====	LEVEE	=====
TOWNSHIP LINE	=====	CULVERTS	=====
SECTION LINE	=====	DROP INLETS	=====
GRANT LINE	=====	ACCESS CONTROL	=====
FENCE LINE	=====	POWER LINE	=====
GUARD FENCE	=====	TELEPHONE OR TELEGRAPH LINE	=====
UNFENCED PROPERTY	=====	MARSH	=====
RIGHT OF WAY	=====	HEDGE	=====
TRAVELLED WAY	=====	TREES	=====
RAILROADS	=====	GRADE ELEVATION	=====
		GAS MAIN	=====
		SW BELL TELEPHONE LINE	=====
		WATER MAIN	=====
		SANITARY SEWER MAIN	=====

TRAFFIC JUNCTION BOX

TRAFFIC SIGNAL MANHOLE
TRAFFIC SIGNAL POLE
SANITARY SEWER MANHOLE
FIRE HYDRANT
WATER VALVE
WATER METER
SIGN
SPRINKLER HEAD
SW BELL MANHOLE
MONITOR WELL
PHONE BOOTH
POWER POLE
LIGHT POLE
SURVEY CONTROL
P.O.T. COORDINATE NUMBER



GROSS LENGTH OF PROJECT 1 290.112 M

EXCEPTIONS
ADDITIONS

NET LENGTH OF PROJECT 1 290.112 M 1.291 KM
NET LENGTH OF BRIDGES M KM
NET LENGTH OF ROADS 1 290.112 M 1.291 KM

RECOM. FOR APPROVAL-DATE

CHIEF, BUREAU OF DESIGN
KANSAS DEPARTMENT OF TRANSPORTATION

APPROVED - DATE

STATE TRANSPORTATION ENGINEER
KANSAS DEPARTMENT OF TRANSPORTATION

APPROVED - DATE

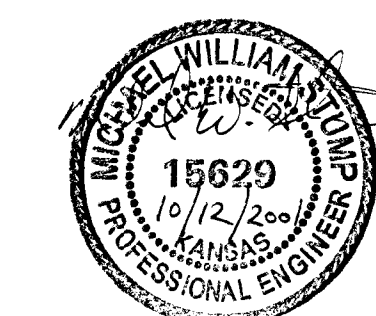
MICHAEL E. LINDEBAK, P.E., CITY ENGINEER
WICHITA, KANSAS
PROJ. NO. 472-83138

RECOM. FOR APPROVAL-DATE

ENGINEER
FEDERAL HIGHWAY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION

APPROVED - DATE

DIVISION ADMINISTRATOR
FEDERAL HIGHWAY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION



SRB

924 NORTH MAIN
WICHITA, KANSAS 67203

316-264-8008
FAX 264-4621

SAVOY, RUGGLES & BOHM, P.A.
ENGINEERING & SURVEYING

1478T