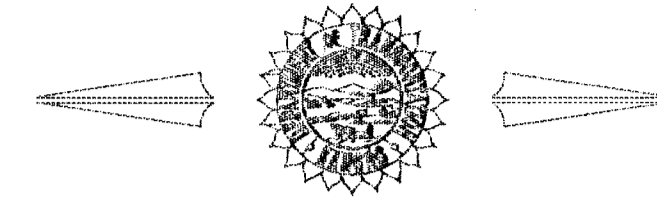


STATE OF KANSAS
DEPARTMENT OF TRANSPORTATION



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

FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87 N-0189-01	2008	1	105

SIP 0018(901)

GRADING
SURFACING
STORM SEWER
PAVEMENT MARKINGS
SEEDING

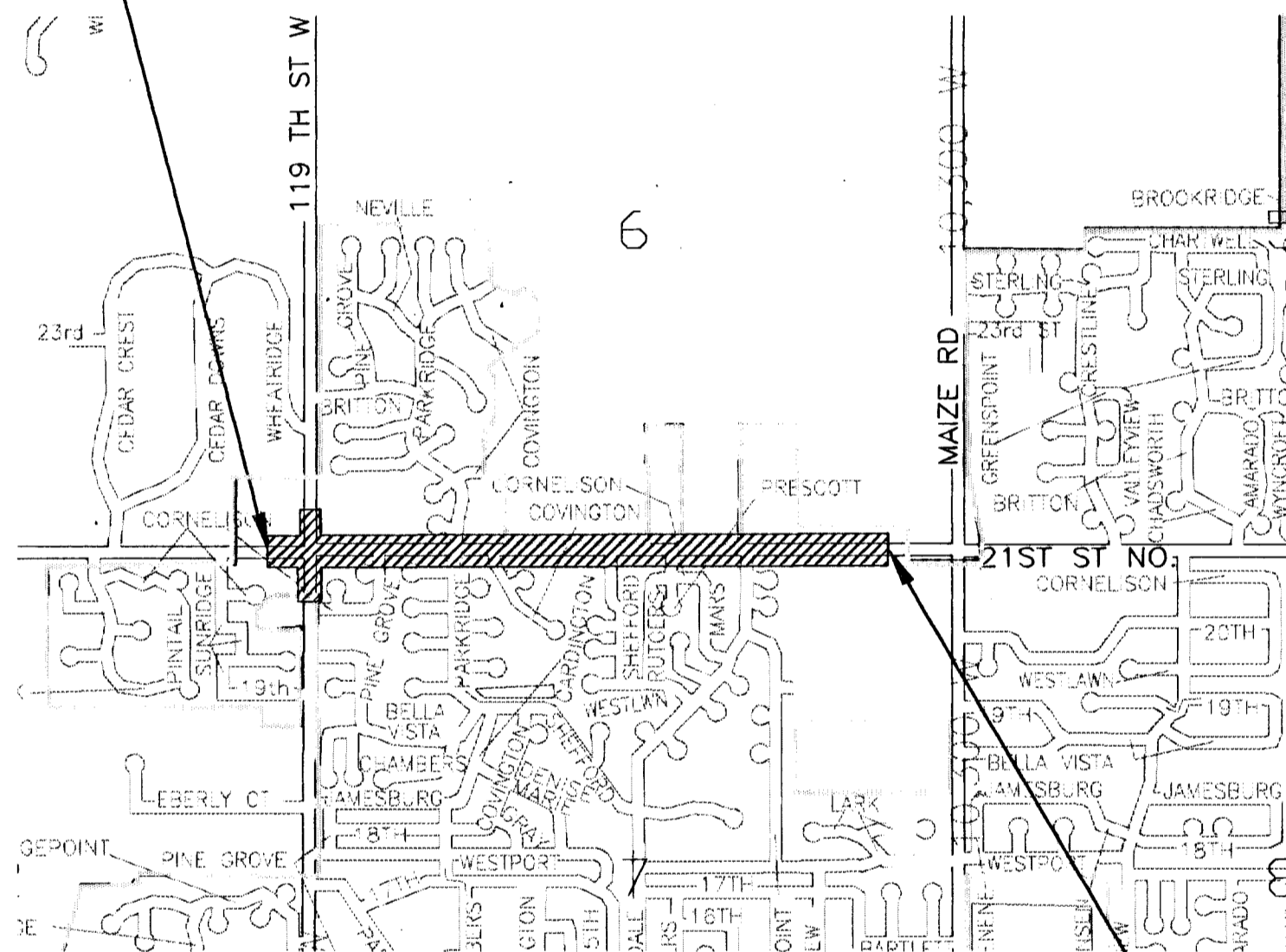
FINAL PLANS

INDEX OF SHEETS

1. TITLE SHEET
2. GENERAL NOTES
- 3.-6. TYPICAL SECTIONS
- 7.-18. 21ST STREET NORTH PLANS
- 19.-21. 119TH STREET PLANS
- 22.-26. INTERSECTION JOINT PLANS
27. CURB, GUTTER AND COMBINED CURB & GUTTER
28. VALLEY GUTTER DETAILS
29. STANDARD DRIVE ENTRANCES
- 30.-38. STORM SEWER PLAN & PROFILES
39. 2400 x 900 PRECAST RCBC PLAN & PROFILES
40. 2400 x 900 PRECAST RCBC PLAN & PROFILES
- 40A. PRECAST CONCRETE BOX CULVERT DETAILS
41. STANDARD TYPE 1-A CURB INLET DETAIL
42. SHALLOW TYPE P MANHOLE DETAIL
43. DROP INLET DETAIL
- 44.-47. SOIL EROSION BMP'S DETAILS
- 48.-49. SUMMARY OF INLET AND MANHOLES
- 50.-53. DRAINAGE MAPS
- 54.-57. CONSTRUCTION STAGING & SEQUENCE
- 58.-61. CONSTRUCTION TRAFFIC CONTROL PLANS
62. SIGNALIZATION PLAN
63. SERVICE/JUNCTION BOX DETAILS
- 64.-67. PAVEMENT MARKING AND SIGNAGE PLANS
68. SIGNING DETAILS
69. TYPICAL MISC. PAVEMENT MARKING DETAILS
- 70.-72. SIDEWALK LAYOUT PLANS
73. PEDESTRIAN BRIDGE PLAN/PROFILE
74. FLUME DETAILS & SPECIAL MANHOLE
- 75.-97. EARTHWORK CROSS SECTIONS-21ST STREET NORTH
- 98.-101. EARTHWORK CROSS SECTIONS-119TH STREET
102. EARTHWORK QUANTITIES
103. WATERLINE RELOCATION PLAN & PROFILES
- 104.-105. SUMMARY OF QUANTITIES

DATE	
BY	
SURVEY	
CADD TECHNICIAN	
DESIGNERS	
SQUAD	

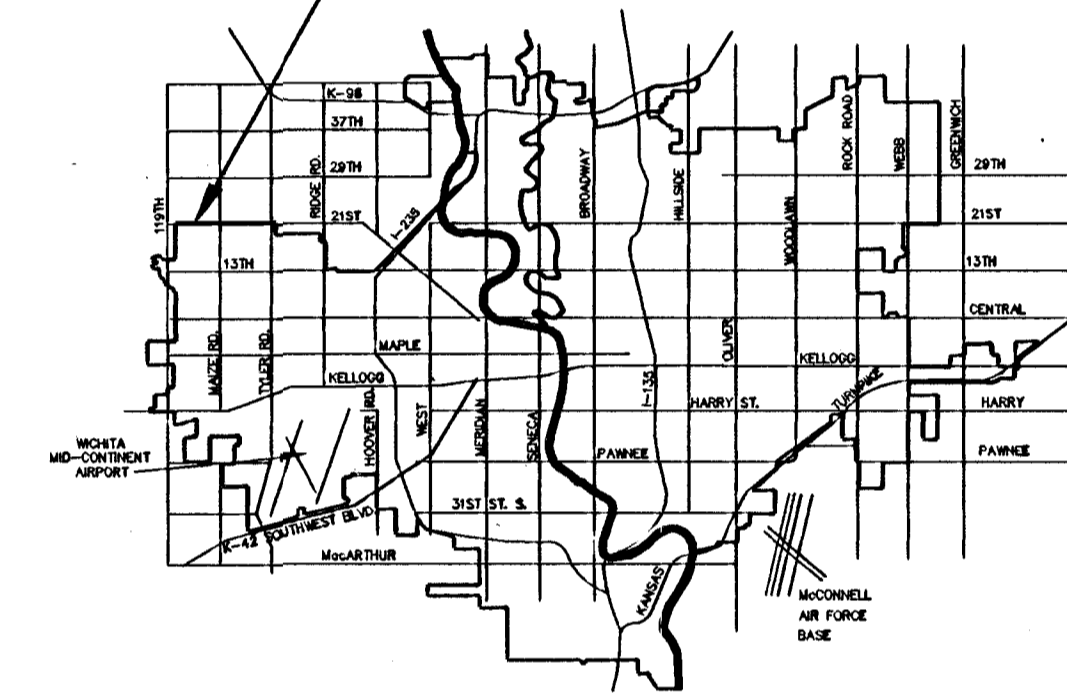
STATION 9+972.345 BEGIN
PROJECT NO. 87 N-0189-01



SRB
NO SCALE

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

PROJECT LOCATION



VICINITY MAP

KDOT
METRIC

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

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

CONVENTIONAL SIGNS

COUNTY LINE	RETAINING WALL	TRAFFIC JUNCTION BOX	T.J.B.
CORPORATE LIMITS	CENTER LINE OF PROJECT	TRAFFIC SIGNAL MANHOLE	T.S.M.
STATE OR NATIONAL LINE	LEVEE	TRAFFIC SIGNAL POLE	T.S.P.
TOWNSHIP LINE	CULVERTS	SANITARY SEWER MANHOLE	S.S.M.H.
SECTION LINE	DROP INLETS	FIRE HYDRANT	F.H.
GRANT LINE	ACCESS CONTROL	WATER VALVE	W.V.
FENCE LINE	POWER LINE	WATER METER	W.M.
GUARD FENCE	TELEPHONE OR TELEGRAPH LINE	SIGN	Sign
UNFENCED PROPERTY	MARSH	SPRINKLER HEAD	Spk.
RIGHT OF WAY	HEDGE	SW BELL MANHOLE	SWB.M.H.
TRAVELLED WAY	TREES	MONITOR WELL	M.W.
RAILROADS	GRADE ELEVATION	PHONE BOOTH	Phone
	GAS MAIN	POWER POLE	P.P.
	SW BELL TELEPHONE LINE	LIGHT POLE	L.P.
	WATER MAIN	SURVEY CONTROL	S.C.
	SANITARY SEWER MAIN	P.O.T. COORDINATE NUMBER	P.O.T.

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 316-264-8008
WICHITA, KANSAS 67203 FAX 264-4621

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

1478T