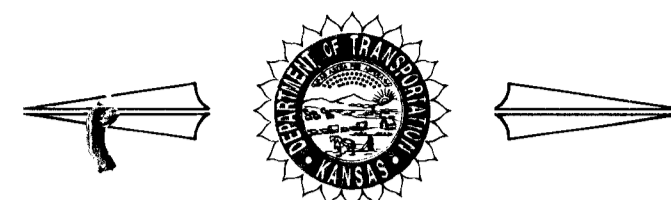


**INDEX OF SHEETS**

- 1. TITLE SHEET
- 2. GENERAL NOTES - PAVING
- 3-5. TYPICAL PAVEMENT SECTIONS
- 6-8. PAWNEE PLANS
- 9. MCLEAN PLANS
- 10-12. JOINT DETAIL PLANS
- 13. CONCRETE PAVEMENT DETAILS
- 14. CURB AND GUTTER DETAIL
- 15-16. SIDEWALK AND STEP DETAILS
- 17. STANDARD DRIVE ENTRANCES DETAIL
- 18. TYPE 1 INLET (5') DETAILS
- 19. EROSION CONTROL PLAN
- 20-22. SOIL EROSION BMP'S DETAILS
- 23. CONSTRUCTION STAGING AND SEQUENCING PLANS
- 24-30. CONSTRUCTION TRAFFIC CONTROL PLANS
- 31-35. TRAFFIC SIGNALIZATION PLANS
- 36-37. SIGNING DETAILS
- 38-39. PAVEMENT MARKING AND SIGNAGE
- 40-41. SUMMARY OF QUANTITIES
- 42-43. CROSS SECTIONS

STATE OF KANSAS



DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED

**PAWNEE AND MCLEAN INTERSECTION**

FEDERAL AID URBAN SYSTEM PROJECT

PAWNEE FROM SENECA TO MCLEAN  
MCLEAN FROM 166' SOUTH OF S.L. OF BROADWAY TO 130.5' NORTH

KDOT PROJECT NO. 87N-0385-01

CITY PROJECT NO. 472-84007

OCA: 706906

CITY OF WICHITA, KANSAS  
JIM ARMOUR, P.E., CITY ENGINEER

FHWA REGION NO.	STATE	PROJECT NUMBER	FISCAL YEAR	SHEET NUMBER	TOTAL SHEETS
7	KANSAS	87N-0385-01	2006	1	43

GRADING  
SURFACING  
PAVEMENT MARKINGS  
SIGNALIZATION



SCALE: NONE

**DESIGN DESIGNATION**

AA DT (2004, S. of Pawnee) = 5,135 VPD  
AA DT (2004, N. of Pawnee) = 9,359 VPD  
AA DT (2004, E. of McLean) = 19,618 VPD  
AA DT (2004, W. of McLean) = 21,189 VPD  
AA DT (2024, N. of Pawnee) = 11,000 VPD  
AA DT (2030, E. of McLean) = 23,000 VPD  
Trucks = 2.0%  
Speed = 40 MPH  
DHV = 8%  
D = 60%

**BENCHMARKS**

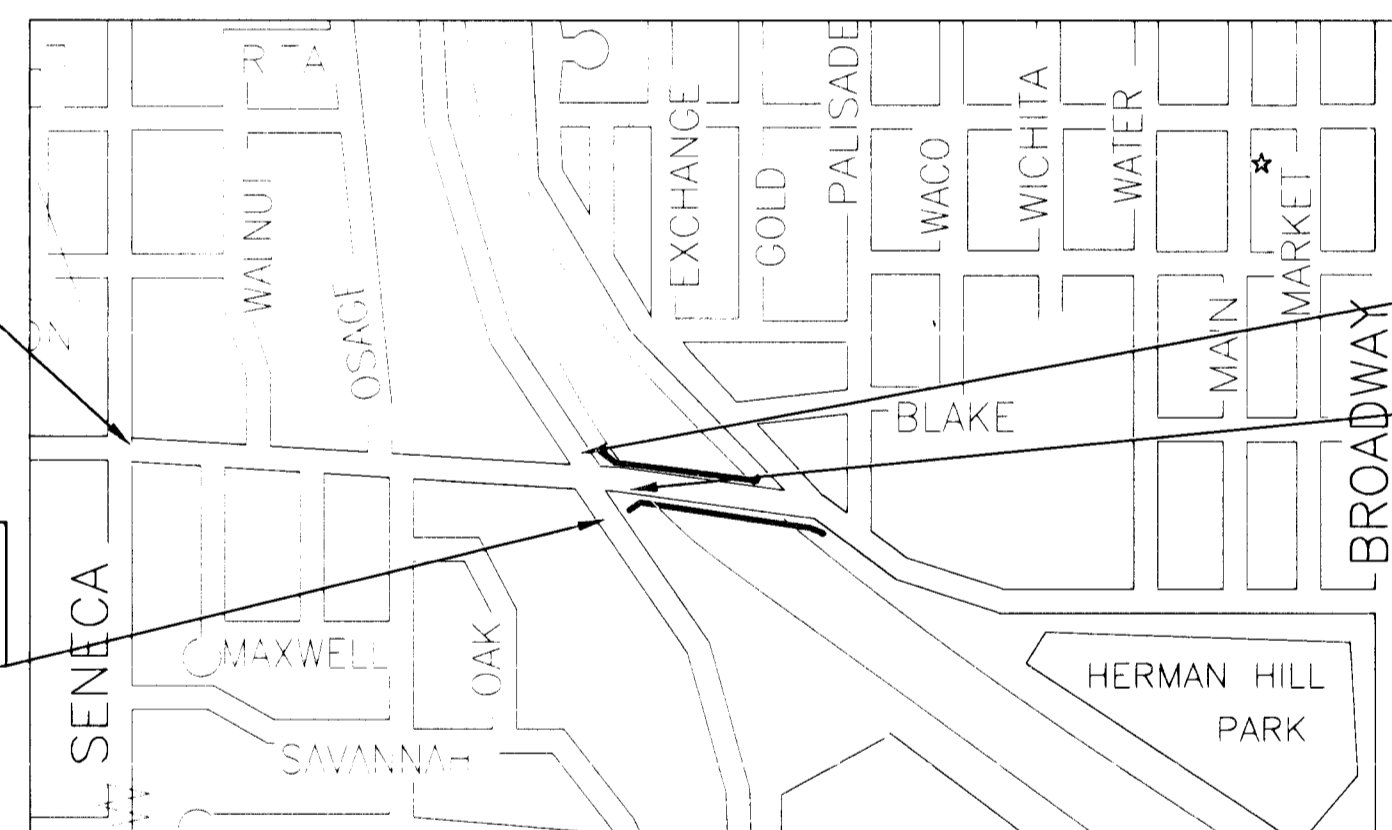
BM #1 Seneca and Pawnee COW Bench Mark. SW Corner of intersection. Location on traffic control base.	MSL 1292.16 ft
BM #2 Arkansas River and Pawnee COW Bench Mark. SW Corner of bridge on Hubguard	MSL 1292.02 ft

STATION 3+58.35  
BEGIN PROJECT (PAWNEE)

STATION 28+34.00  
BEGIN PROJECT (MCLEAN)

STATION 41+30.50  
END PROJECT (MCLEAN)

STATION 18+43.10  
END PROJECT (PAWNEE)



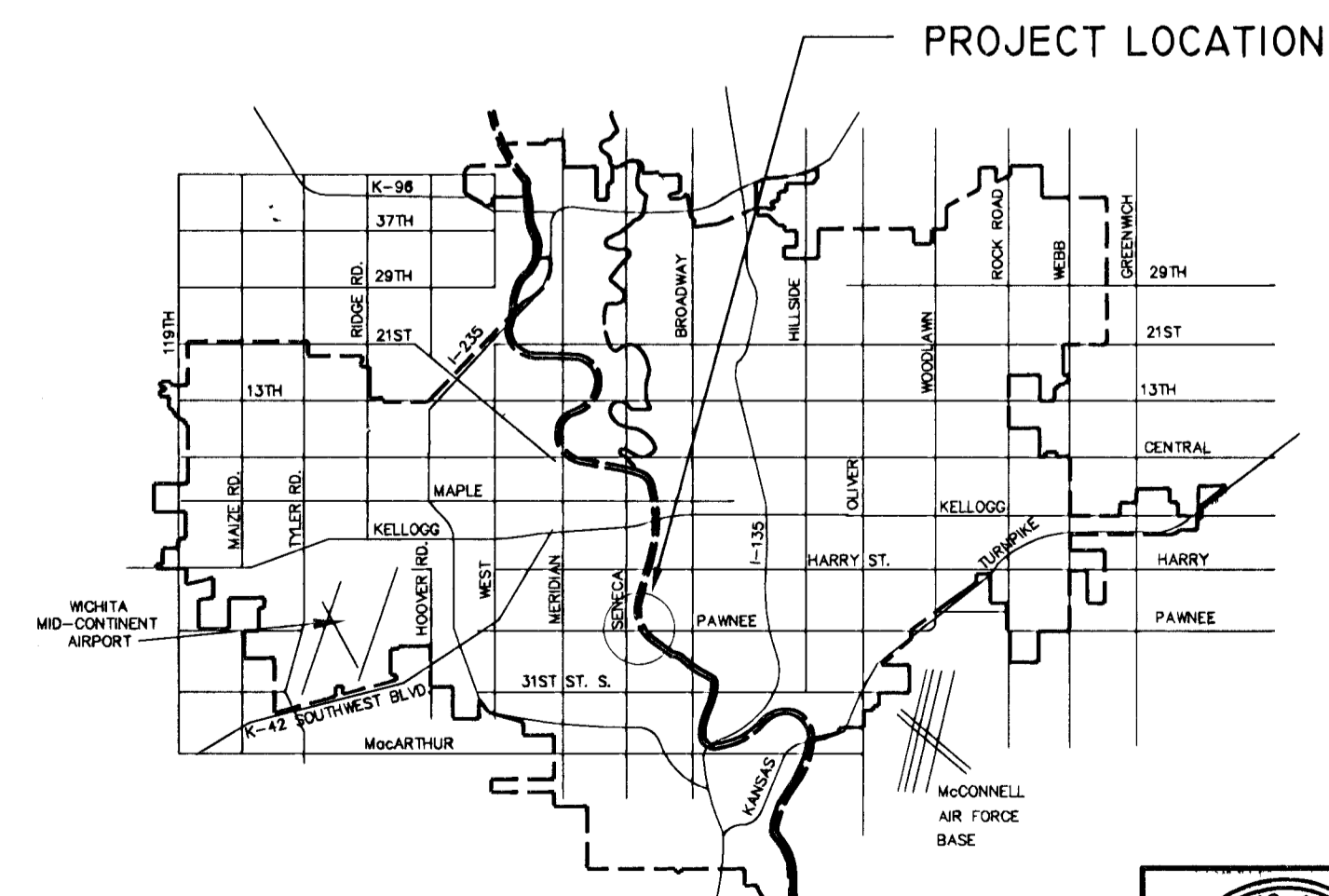
NOTE:

THE SOUTH LEG OF MCLEAN INTERSECTS PAWNEE AT:  
STA 17+26.47(PAWNEE) = STA 30+00.00(MCLEAN)

THE NORTH LEG OF MCLEAN INTERSECTS PAWNEE AT:  
STA 17+40.47(PAWNEE) = STA 39+93.36(MCLEAN)

GROSS LENGTH OF PROJECT 1,781.25 FT  
EXCEPTIONS \_\_\_\_\_  
ADDITIONS \_\_\_\_\_

NET LENGTH OF PROJECT 1,781.25 FT  
NET LENGTH OF BRIDGES 0.00 FT  
NET LENGTH OF PAWNEE 1,484.75 FT  
NET LENGTH OF MCLEAN 296.50 FT  
NET LENGTH OF ROADS 1,781.25 FT



APPROVED - DATE \_\_\_\_\_  
JIM ARMOUR, P.E., CITY ENGINEER  
WICHITA, KANSAS  
PROJ. NO. 472-84007

**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	S.M.H.
TRAVELLED WAY	TREES	MONITOR WELL	M.W.
RAILROADS	GRADE ELEVATION	PHONE BOOTH	P.B.
	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.

**Ruggles & Bohm, P.A.**  
Engineering, Surveying, Land Planning  
924 North Main (316) 264-8008  
Wichita, Kansas 67203 (316) 264-4621 fax  
www.rbkansas.com E-mail: info@rbkansas.com

2581T