DATE	BY	
		REFERENCES NOTED
		REFERENCES CHECKED

INDEX OF SHEETS

1. TITLE SHEET
2. GENERAL NOTES
3–6. TYPICAL PAVEMENT SECTIONS
7–19. MAPLE PLANS
20–21. 135TH ST. W. PLANS
22–25. INTERSECTION PLANS
26. DRIVE ENTRANCES FOR FULL CURB
27. VALLEY GUTTER, MEDIAN, RAMP AND CROSSWALK DETAILS
28–44B. BRIDGE PLANS
45–46. WEIR PLANS
47. RETAINING WALL DETAILS
48–59. STORM SEWER PLAN/PROFILE
60. RCB END SECTION WITH GRATE DETAIL
61–62. TYPE 1A INLET DETAILS
63. TYPE 1 INLET DETAIL
64. TYPE 1 INLET (DOUBLE) DETAIL
65. INLET CONVERSION, ACCESS MH, & INLET TOP
66. INLET–MANHOLE SPECIAL DETAIL
67.–68. PRE–CAST MANHOLE DETAILS
69.–72. SOIL EROSION BMP'S DETAILS
73. SANITARY SEWER RELOCATION PLAN/PROFILE
74.–76. CONSTRUCTION STAGING AND SEQUENCING PLANS
77.–80. CONSTRUCTION TRAFFIC CONTROL PLANS
81.–83. TRAFFIC SIGNALIZATION PLANS
84.–85G. TRAFFIC SIGNAL DETAILS & SPECIFICATIONS
86.–87. SIGNAL INTERCONNECTION PLAN
88. SIGNING DETAILS
89.–92. PAVEMENT MARKING AND SIGNAGE
93. WROUGHT IRON FENCE DETAIL
94.–96. DRAINAGE MAPS
97.–98. SUMMARY OF QUANTITIES
99.–126. CROSS SECTIONS
127. EARTHWORK QUANTITIES

DESIGN DESIGNATION

AADT (2000, E. 0.805 km) = 5,700 VPD
AADT (2000, W. 0.805 km) = 4,000 VPD
AADT (2030, E. 0.805 km) = 13,000 VPD
AADT (2030, W. 0.805 km) = 11,500 VPD
D-HV = 12 %
Trucks = 2.0 %
Medium = 75 %
Heavy = 25 %
Directional Split: 55/45
Speed = 60 KPH
Clear Zone = 0.5 m

STATE OF KANSAS

DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED

MAPLE STREET IMPROVEMENTS

FEDERAL AID URBAN SYSTEM PROJECT

FROM 117 270 WEST OF C.L. OF 135TH STREET WEST
TO 48 571 WEST OF C.L. OF 119TH STREET WEST

PROJECT NO. 472-76-245-83262-000-000-001
OCA: 706817

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

FHWA REGION NO.	STATE	PROJECT NUMBER	FISCAL YEAR	SHEET NUMBER	TOTAL SHEETS
7	KANSAS	87N-0195-01	2001	1	127

BRS-STP-N019 (501)

GRADING
SURFACING
PAVEMENT MARKINGS
BRIDGE CONSTRUCTION
SEEDING

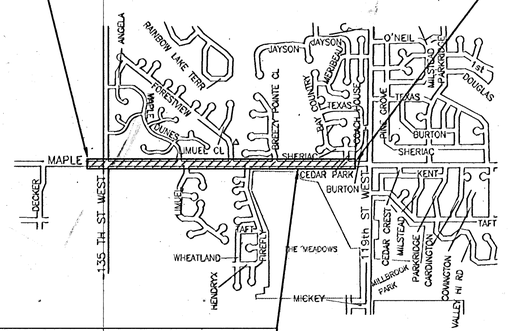
SCALE: 1:1600

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

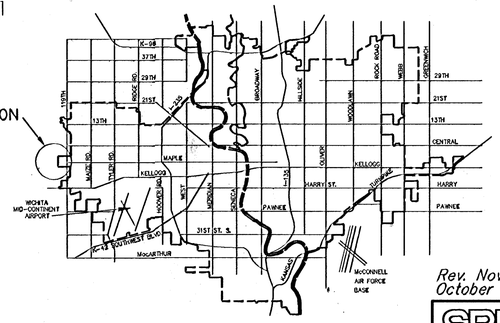
KDOT METRIC

STATION 8+377.532 BEGIN
PROJECT NO. 87N-0195-01

STATION 9+951.429 END
PROJECT NO. 87N-0195-01



STATION 9+553.089 CENTER
BR. NO. 430400873706200
40.750 M x 16.4 M ROADWAY &
1.8 M WALKWAYS LT. AND RT.



BENCHMARKS

BM #1 Breezy Point Circle and Maple
COW Bench Mark. NW corner hubguard, west side of Breezy Point Circle, 0.3 miles (0.486 km) west of 119th St.
100.00 ft 30.480 m +/– north of center line of Maple
City 135.31 ft 41.242 m
MSL 1322.71 ft 403.162 m

BM #2 "□" cut in top of curb 9 144 m W & 8 534 mt N of centerline Maple & 119th
City 139.21 ft 42.431 m
MSL 1328.61 ft 404.658 m

BM #3 Railroad spike in S face of Power Pole 7 620 m W & 12 192 m N centerline of Maple & 119th.
City 143.44 ft 43.721 m
MSL 1330.84 ft 405.640 m

BM #4 COW Disk NE corner Hubguard at NE corner of Maple & 135th and 10 383 m SW to Section Corner.
City 150.29 ft 45.808 m
MSL 1337.69 ft 407.728 m

BM #5 "□" cut in top of curb 27 432 m S & 10 668 m W of centerline of Maple & 135th
City 150.67 ft 45.924 m
MSL 1338.07 ft 407.844 m

CONVENTIONAL SIGNS

COUNTY LINE
CORPORATE LIMITS
STATE OR NATIONAL LINE
TOWNSHIP LINE
SECTION LINE
GRANT LINE
FENCE LINE
GUARD FENCE
UNFENCED PROPERTY
RIGHT OF WAY
TRAVELLED WAY
RAILROADS
RETAINING WALL
CENTER LINE OF PROJECT
LEVEE
CULVERTS
DROP INLETS
ACCESS CONTROL
POWER LINE
TELEPHONE OR TELEGRAPH LINE
MARSH
HEDGE
TREES
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 1 573.897 M
EXCEPTIONS
ADDITIONS

NET LENGTH OF PROJECT	1 573.897 M	1.574 KM
NET LENGTH OF BRIDGES	40.750 M	0.041 KM
NET LENGTH OF ROADS	1 533.147 M	1.533 KM

RICHARD CHARLES RIGHTER LICENSED 9621 12-27-01 KANSAS PROFESSIONAL ENGINEER

MICHAEL DAVID KILTY LICENSED 12160 12-31-01 KANSAS PROFESSIONAL ENGINEER

APPROVED – DATE

MICHAEL E. LINDEBAK, P.E., CITY ENGINEER
WICHITA, KANSAS
PROJ. NO. 472-76-245-83053-000-000-001

RECOM. FOR APPROVAL–DATE

CHIEF, BUREAU OF DESIGN
KANSAS DEPARTMENT OF TRANSPORTATION

APPROVED – DATE

STATE TRANSPORTATION ENGINEER
KANSAS DEPARTMENT OF TRANSPORTATION

Rev. Nov. 20, 2001
October 1, 2001

1217T

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