FHWA REGION NO.	STATE	PROJECT NUMBER	FISCAL YEAR	SHEET NUMBER	TOTAL SHEETS
7	KANSAS	87N-0127-01	1999	28	90

BY	DATE
REFERENCES NOTED	
REFERENCES CHECKED	

SRB

SCALE
5 0 5 10
PLAN: Lat. & Long. (meters)

1 0.5 0 0.5
PROFILE: Lat. (meters)

STATION 0+00, LINE 1
B.L. STA. 9+985.63, 116 360 RT. OF CL MAPLE
BEGIN STORM SEWER CONSTRUCTION
WITH 900mm END SECTION.
FLOW OUT = 402.661

FILL IN ALL LOW AREAS BETWEEN THE EDGE OF PAVEMENT AND THE RIGHT-OF-WAY. PROVIDE POSITIVE DRAINAGE TO THE DITCH SOUTH OF STORM WATER SEWER.

UNPLATTED

R/W
Construction Limits

Steel Post

3 000
5 000
1 900

INSTALL 15 sq. m. HEAVY STONE RIP-RAP

LINE 1

SPEED (45)

FUTURE MEDIAN

4+900

119TH ST. W.

4+950

B.L. STA. 10+000

150mm GAS LINE

EXISTING 400mm WATER MAIN

BASELINE = CENTERLINE

5+000

MAPLE

LINE 1A

LINE 1

PROPOSED 400mm WATER

EDGE OF ASPHALT

DETAIL FOR FILL OVER PIPE IN LOW LYING AREAS

MIN. 200 mm COVER
3:1 SLOPE
BACK FILL
SWS PIPE
3:1 SLOPE
EXISTING GROUND
GRANULAR BACK FILL
BEDDING MATERIAL

STATION 1+26.54, LINE 1 =
STATION 0+00, LINE 1A
B.L. STA. 9+988.50, 10 143 LT.
CONST. SHALLOW TYPE 'P'
MANHOLE (D=1830mm)
FLOW IN (E) = 403.474
FLOW IN (N) = 403.174
FLOW OUT = 403.146
TOP ELEV. = 404.800

STATION 0+00, LINE 1
B.L. STA. 9+985.63, 116 360 RT.
BEGIN STORM SEWER CONSTRUCTION
WITH 900mm END SECTION

EXISTING GRADE
FINISHED GRADE
150mm GAS LINE
(To Be Relocated)
UG SWB

LINE 1
126.54m 900mm RCP @ 0.38%

RELOCATED 400mm WATER LINE
EXISTING 400mm WATER LINE

403.146 FL OUT
403.174 FL W (E)
403.474 FL W (N)

402.661 FL OUT
402.737 FLOW
402.814 FLOW
402.891 FLOW
402.968 FLOW
403.044 FLOW
403.121 FLOW

405
404
403
402

0+00 0+20 0+40 0+60 0+80 1+00 1+20

1+26.54

STATION 1+26.54, LINE 1 =
STATION 0+00, LINE 1A
B.L. STA. 9+988.50, 10 143 LT.
CONST. SHALLOW TYPE 'P'
MANHOLE (D=1830mm)

MAPLE ST. IMPROVEMENTS - 119TH ST. W. TO MAIZE RD.
STORM WATER SEWER - LINE 1

SRB
924 NORTH MAIN
WICHITA, KANSAS 67203
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SAVOY, RUGGLES & BOHM, P. A.
ENGINEERING & SURVEYING

PROJECT NUMBER
472-76-245-8305.3-000-000-001

DRAWN	DESIGN	REVIEW	DATE	UTILITY	SRB JOB
Staff	Staff		8-27-2000		1216T

ORG FILE: SWS1-1.dwg

REVISED

28
90