FHWA REGION NO.	STATE	PROJECT NUMBER	FISCAL YEAR	SHEET NUMBER	TOTAL SHEETS
7	KANSAS	87N-0127-01	1999	34	90

BY	DATE
REFERENCES NOTED	
REFERENCES CHECKED	

SRB

SCALE 5 0 5 10

PLAN: Lat. & Long. (meters)

OAK (20)

CLIFF 10

ESTATES

SUMMERFIELD 3 COMMERCIAL III ADDITION

SUMMERFIELD 2 COMMERCIAL III ADDN.

SUMMERFIELD COMMERCIAL SECOND ADDN. III 1

MAPLE BASELINE = CENTERLINE

LARK

STATION 0+00, LINE 3
B.L. STA. 11+233.88, 8 934 LT.
ADJUST INLET TO MATCH CURB LINE
FLOW IN = 403.209 (S)
FLOW IN = 402.945 (NW)
FLOW OUT = 402.784
TOP ELEV. = 404.516

SEE SHEET 39 OF 90 FOR INLET CONSTRUCTION DETAILS

STATION 0+22.39, LINE 3
B.L. STA. 11+233.88, 13 225 RT.
CONST. TYPE 1 INLET (L=1500mm, W=1300mm)
FLOW OUT = 403.298
TOP ELEV. = 404.420

RELOCATE EXISTING 400mm WATER LINE PRIOR TO CONSTRUCTION

STATION 0+00, LINE 4
B.L. STA. 11+366.20, 13 225 LT.
CONST. TYPE 1 INLET (L=3000mm, W=1300mm)
FLOW OUT = 402.425
TOP ELEV. = 403.762

STATION 0+04.36, LINE 4
B.L. STA. 11+366.20, 9 124 LT.
REMOVE INLET TOP, ADJUST, AND CONSTRUCT MANHOLE TOP.
FLOW IN = 402.419 (S)
FLOW IN = 402.419 (N)
FLOW IN = 402.119 (W)
FLOW OUT = 401.896
TOP ELEV. = 405.770

STATION 0+26.94, LINE 4
B.L. STA. 11+366.20, 13 225 RT.
CONST. TYPE 1 INLET (L=3000mm, W=1300mm)
FLOW IN = 402.561
FLOW OUT = 402.478
TOP ELEV. = 403.762

STATION 0+33.10, LINE 4
B.L. STA. 11+368.41, 19 139 RT.
CONST. SHALLOW TYPE 'P' MH WITH BEEHIVE INLET TOP (1220mm)
FLOW OUT = 402.579
TOP ELEV. = 403.600

3.05 m Utility Easement

4.57 m Sanitary Sewer Easement

PROPOSED 1.5 m WALK

EDGE OF ASPHALT

EXISTING 400mm WATER MAIN

EX. UG SWB CABLE

100mm GAS LINE

WATER VAULT

Iron

Sidewalk

Cut

SWB

600 mm CMP

525 mm CMP

375 mm RCP

450 mm RCP

410 mm RCP

760 mm Drop Inlet

600 mm RCP Stub

CURB INLET

90°33'3"

89°53'7"

89°53'7"

158°40'30"

11+250

11+350

SRB

SCALE 5 0 5 10

PLAN: Lat. & Long. (meters)

STATION 0+00, LINE 3
B.L. STA. 11+233.88, 8 934 LT.
ADJUST INLET TO MATCH CURB LINE

STATION 0+22.39, LINE 3
B.L. STA. 11+233.88, 13 225 RT.
CONST. TYPE 1 INLET (L=1500mm, W=1300mm)

FINISHED GRADE

EXISTING GRADE

100mm GAS LINE (To Be Abandoned)

LINE 3

22.39m 375mm RCP @ 0.380%

400mm WATER

400mm WATER

402.784 FL OUT (E)
403.209 FL IN (S)
402.945 FL IN (NW)
403.298 FL OUT

STATION 0+00, LINE 4
B.L. STA. 11+366.20, 13 460 LT.
CONST. TYPE 1 INLET (L=3000mm)

STATION 0+04.36, LINE 4
B.L. STA. 11+366.20, 9 124 LT.
REMOVE INLET TOP, ADJUST, AND CONSTRUCT MANHOLE TOP.

STATION 0+26.94, LINE 4
B.L. STA. 11+366.20, 13 225 RT.
CONST. TYPE 1 INLET (L=3000mm, W=1300mm)

STATION 0+33.10, LINE 4
B.L. STA. 11+368.41, 19 139 RT.
CONST. SHALLOW TYPE 'P' MH WITH BEEHIVE INLET TOP (1220mm)

FINISHED GRADE

EXISTING GRADE

UG SWB

100 mm GAS LINE (TO BE ABANDONED)

400mm WATER

LINE 4

4.36m 750mm RCP @ 0.23%

22.58m 750mm RCP @ 0.260%

6.16m 450mm RCP @ 0.300%

400mm WATER

401.896 FL OUT (E)
402.419 FL IN (N)
402.419 FL IN (S)
402.119 FL IN (W)
402.425 FL OUT
402.460 FLOW
402.478 FL OUT
402.561 FL IN
402.579 FL IN

405 404 403 402 401

0+00 0+22.39 0+00 0+04.36 0+20 0+26.94 0+33.10

MAPLE ST. IMPROVEMENTS - 119TH ST. W. TO MAIZE RD.
STORM WATER SEWER - LINES 3 & 4

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

PROJECT NUMBER
472-76-245-83053-000-000-001

DRAWN	DESIGN	REVIEW	DATE	UTILITY	SRB JOB
Staff	Staff		6-28-00		1216T

REVISED

SHEET 34 OF 90 SHEETS