FHWA REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS		1998	114	202

Sta. 0+000, Begin Line 1 = BL Sta. 1+259.145, 6.962m Lt.
Remove Ex. Brick SS Manhole.
Construct Special Shallow Type "B" Manhole.
Rim Elev. 397.767
(City M.H. No. 5248-426)
Construct New 200mm PVC Pipe (E).

Concrete Encasement by Companion Project.

Remove 38.990m - 203mm VCP

Remove 1.000m - 203mm VCP. Seal & Grout Abandoned Pipe.

Sta. 0+038.990, End Line 1 BL Sta. 1+298.135, 6.935m Lt.
Remove Ex. Brick SS Manhole.
Construct Special Shallow Type "B" Manhole.
Rim Elev. 397.830

Sta. 0+000, Begin Line 2 = BL Sta. 1+343.634, 6.944m Lt.
Remove Ex. Brick SS Manhole.
Construct Special Shallow Type "B" Manhole.
Rim Elev. 397.721
(City M.H. No. 5248-425)
Construct New 200mm PVC Pipe (S).

Concrete Encasement by Companion Project.

MESS ADDITION

SIM PARK GARDENS ADDITION

OSTEOPATHIC 2ND ADDITION

Lot 1

Abandoned 203mm SAN SWR (VCP)

Exstg 102mm SAN SWR (VCP)

41mm Tree

15.850m

19.203m

76.475m

2.4m Conc Sidewalk

Exstg Conc Walk

PROP UGB

PROP. 300mm WATER

Exstg 203mm SAN SWR (VCP)

Exstg 914mm SWS

Exstg 610mm SWS

Line 1

Line 2

CAUTION! Prop. 200mm Water Crossing

0.964m

BL Sta. 1+288.957, 6.941m Lt.
Center One Full Section of SS Pipe Over Proposed Water Crossing.
Install 6.1m Concrete Encasement Around Sanitary Sewer Line.

CAUTION! 914mm SWS 610mm SWS Crossing

1+250

1+300

1+350

89°51'41"

90°08'19"

Central Ave.

Prop. 2.1 x 1.2 m RCB

Remove 19.044m - 203mm VCP

CAUTION! Prop. 2.1 x 1.2 m RCB Crossing

CAUTION! 51mm Gas 203mm Water Crossing

Exstg 203mm WATER (E)

51mm STL GAS

Exstg Conc Walk

35.539m

16.764m

ASPH PVT

CONC PVT

Prop 450mm RCP

Prop 375mm RCP

Monument @ 11.00m S Not Found

11.003m

7.620m

3.66m ALLEY

1+294.880 GORDON

Sta. 0+019.044, End Line 2 BL Sta. 1+343.074, 12.092m Rt.
Existing Brick SS Manhole.
(City M.H. No. 5247-316)
Reshape Invert if Necessary.
Cost of Reshaping to be Incidental to "200mm PVC SS Pipe."
Seal & Grout Around New Pipe.

BL Sta. 1+343.164, 9.052m Rt.
Center One Full Section of SS Pipe Over Existing Water Crossing.
Install 5.5m Concrete Encasement Around Sanitary Sewer Line.

508mm Egrn

610mm Tree

508mm Tree

Guy Wire

Scale: 1:200 (Horizontal)
Scale: 1:40 (Vertical)

2 1 0 2 5

1.0 0

NOTES:

1. Sanitary Sewer Information Referenced from City Records.
   Book & Page
   G1 130
   N 4
2. City Manhole Numbers Referenced from Dept. of Water & Sewer G.I.S. Records.

BM #7 - "□" Top of Curb @ 48.62m North and 4.72m East of the Centerline of both St. Paul and Central. Elev. = 398.144 SI Units (1306.23 MSL Datum)

BM #8 - "□" Top of Curb @ 31.39m South and 4.72m East of the Centerline of both Edwards and Central. Elev. = 397.997 SI Units (1305.75 MSL Datum)

Sta. 0+000, Begin Line 1
Construct Special Shallow Type "B" Manhole
Rim Elev. 397.767

Sta. 0+038.990, End Line 1
Construct Special Shallow Type "B" Manhole
Rim Elev. 397.830

Prop. 200mm Water

Proposed Grade

Existing Grade

6.1m Concrete Encasement

200mm - 38.990m PVC @ +0.164%
LINE 1

396.603 = Flow In (W)
396.697 = Flow In (NE)
396.597 = Flow Out (E)

396.564 = Flow

396.533 = Flow In (W)
396.502 = Flow Out (E)

0+000 0+020 0+038.990

U/G SWBell (Verify)

Sta. 0+000, Begin Line 2
Construct Special Shallow Type "B" Manhole
Rim Elev. 397.721

Ex. 914mm RCP SWS
Ex. 914mm RCP SWS
Ex. 610mm RCP SWS
Prop. 2.1 x 1.2 m RCB

51mm Gas (Verify)
Ex. 203mm Water (Verify)

Sta. 0+019.044, End Line 2
Existing Brick SS Manhole

Existing Grade

Proposed Grade

5.5m Concrete Encasement

200mm - 19.044m PVC @ -0.326%
LINE 2

396.508 = Flow In (W)
396.472 = Flow In (E)
396.694 = Flow In (N)
396.442 = Flow Out (S)

396.380 = Flow In (N)
396.350 = Flow Out (S)

0+000 0+019.044

399 398 397 396 395 394 393

PROJECT NUMBER 468 - 82912				
DESIGN JMN	DRAWN JMN	APPROVED JFB	DATE NOV 98	SCALE NOTED

PROJ NUMBER 97-12-E932
DIRECTORY centzoo\ss
SHEET NAME ss1

SANITARY SEWER IMPROVEMENTS
LINES 1 & 2
CENTRAL AVENUE - WEST ST TO MCLEAN

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

SHEET 114 OF 202