FHWA REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87N-0094-01	1998	55	202

BENCHMARKS

BM #5 – City Disc Located @ 9.14m South and 12.8m East of the Centerline of both Sheridan and Central. Elev. = 399.024 SI Units (1309.08 MSL Datum)

JOHN WEITZEL ADDITION

BLK A

B.L. Sta. 0+729.956, 9.334 m Lt. Construct Deeter Storm Water Curb Opening (Outflow Type) (#2449-6) or Approved Equivalent. Install 100mm x 3.0m PVC (N).

Sta. 0+385 B.L. Sta. 0+712.410 Match Line

Prop BPed

PROP-UGB

Prop 300 mm Water

UGB

BPole

305mm WATER

SWSMH (NOT FOUND)

CAUTION! Gas S/L CROSSING

CAUTION! Water S/L CROSSING

CAUTION! Water S/L CROSSING

CAUTION! 914mm SS Traffic Signal CROSSING

914mm SWS

+750

Section Line

CENTRAL AVE

+800

30.48m R/W

4.198m

18.500 m Fc-Fc

12.19m R/W

27.43m R/W

Flowable Fill

LINE 1

51mm PEOPLES GAS

GAS S/L

WTR S/L

CAUTION! Water S/L CROSSING

Pro BPed

Removal of Existing SWS Inlets and Existing SWS Pipe To Be Plugged and Abandoned or Removed as Required. To Be Paid For As: "Removal of Existing Structures"

Lot 1

KNIGHT ACRES

SHERIDAN

SIG POLE

TMH

PPI

914mm SAN SWR

Sta. 0+474.978, Line 1 = Sta. 0+000, Line 2 = B.L. Sta. 0+802.393, 3.0 m Rt. Center of RCB Junction. Construct Manhole (Reinf. Conc.) MH Rim Elev.= 398.793 Install 2.1m x 1.2m x 194.151m RCB (E) "Match Rim to Final Pvm't Lift" Match Point

THIMBLE

5.600m

2.1 x 1.2 m RCB

89°46'28"

90°20'0"

0.100m.

1.8 x 1.2 m RCB

LINE 2

84°44'2"

90°0'0"

LINE 2A

LINE 2B

Future 1.8 x 1.2 m RCB

CAUTION! 102mm Gas 305mm Water Proposed 300mm Water CROSSING

B.L. Sta. 0+809.317, 19.848 m Rt. Construct Inlet (Type 2)(Special) Elev. = 398.747 Top Install 375mm x 7.013m Storm Sewer (W) (Line 2B: See Profile Sheet 67)

B.L. Sta. 0+797.709, 20.152 m Rt. Construct Inlet (Type 2)(Special) Elev. = 398.760 Top Install 375mm x 4.579m Storm Sewer (E) (Line 2A: See Profile Sheet 67)

B.L. Sta. 0+802.266, 21.000 m Rt. Install 1.8mx1.2m x 16.500m RCB (N) Plug End w/ Brick & Mortar or Install Precast Plug from Mnfcr. Cost of Plug to be SUBSIDIARY to Bid Item "Reinforced Concrete Box (1.8 x 1.2 m) (Precast)" (Line 2: See Profile Sheet 67)

B.L. Sta. 0+802.275, 19.807 m Rt. Construct Manhole (Precast) MH Rim Elev.= 398.839 "Match Rim to Final Pvm't Lift" = Sta. 0+000, Lines 2A & 2B = Sta. 0+015.308, Line 2

Precast Manhole Stacks Shall Provide Tongue & Groove Joint at Opening of RCB. Contractor Shall Install 2 Rings of Butyl-Rubber Joint Sealing Compound at Tongue & Groove Joint. Cost shall be SUBSIDIARY to the MH Stack (Precast).

1 0 2 5

1 0

Scale: 1:200 (Horizontal)
Scale: 1:40 (Vertical)
• = Iron

KDOT METRIC

Water Service

Gas Service

Water Service

Water Service

Proposed Grade

Existing Grade

UG Traffic Signal Cable

914mm S.S. (Verify)

Sta. 0+474.978, Line 1 = Sta. 0+000, Line 2 Center of RCB Junction. Construct Manhole (Reinf. Conc.) MH Rim Elev.= 398.793 Match Point

305mm Water (To Be Abnded)

102mm Gas (Verify)

Prop. 300mm Water

399

398

397

396

395

394

393

294.0 cy. meters Flowable Fill (Low Strength) Elev. = 398.100

CAUTION

914 mm V.C.P. Sanitary Sewer Line AS PER CITY RECORDS (Book No. H2, Page No. 183-184) Contractor to coordinate storm sewer construction so as to not disrupt service to sanitary sewer.

750 mm x 89.978 m Storm Sewer @ -0.524%

LINE 1

394.711 = Flow

394.125 = Flow In (S)
394.580 = Flow In (W)
394.125 = Flow Out (E)

395.051 = Flow

394.973 = Flow

394.842 = Flow

0+385

0+400

0+425

0+450

0+474.978

PROJECT NUMBER					PROJ NUMBER / DIRECTORY / SHEET NAME
472 - 82906					95-05-E026 / centzoo\sws / sws5.dwg
DESIGN	DRAWN	APPROVED	DATE	SCALE	
STAFF	STAFF	JFB	NOV 98	NOTED	

STORM SEWER IMPROVEMENTS - LINE 1
B.L. Sta. 0+712.410 to B.L. Sta. 0+802.393
CENTRAL AVENUE - PHASE 1 - WEST ST TO MCLEAN

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

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