BENCHMARK:

- *BM #6 – RR Spike in West face of HLP, East side of Hydraulic, South of Georgia St. Sta. 147+70, 43' Rt. Elev. 84.51 (City Datum)*
- *BM #7 – RR Spike in West face of HLP, East side of Hydraulic, South of Alta Street. Sta. 155+07, 41' Rt. Elev. = 86.12 (City Datum)*

Remove Conc. Sidewalk as Necessary for Construction. Install Temp Walk Section (Cold Mix or Other Approved Surface Material) Permanent Sidewalk to be Replaced with Paving Project.

LOUIS 4TH ADDITION
FRANK & BARBARA A. RUGGIERO
B - 12266
Part of Lot 1

FRANK & BARBARA A. RUGGIERO
B - 12266 - 1
Part of Lot 1

0 10 20
SCALE: 1" = 20'

W.L. Sta. ~~5+04.14~~ 5+97.14, End Line 4 =
B.L. Sta. ~~154+00.00~~, 30.50' Rt.
1 – 16" 45° C.I.M.J. Bend (E)
Roll Vertical to Match
Block as Necessary
℄ 153+95

4' Chn Link · Prop SWB · Prop 6" Conc Walk · UGB · Ex 4" Gas (BS) · Prop 30" RCP · Prop LP · Guy · OHE · 8" San Sewer · 16' EASEMENT · Chn Link · BPed · SSMH 5642-202 · 12" CMP · CHC@ · FLD ENT · EOA · Ex 2" Gas (PE) · 30" SAN SEWER (RCP) · SSMH 5642-015 · 30" SAN SEWER (RCP) · EOA · Asph · Prop 6" Conc Walk · 152+00 · 153+00 · 154+00 · 155+00 · SL=BL · 90' R/W · 35.50' · 30.50' · HYDRAULIC AVENUE · Prop 6" Gas · Line 4 · Ex 16" Wt (Cast Iron) · CHC · CHC · TV · UGB · Prop SWB · HLP · CHC · CHC · TV · UGB · Prop 6" Conc Walk · BPed · SWB · T.V. Cable · Ex 6" Conc Wall · Prop Stone Ret. Wall · 6' Wood Fnc · Ex Walk · Prop SWB · Prop 6" Conc Walk · SWB Box · EBox · XFRMR · TVBox · SWBFO Mkr · SSMH 5642-038 · GM · UGE

CAUTION!
Existing UGB Crossing

W.L. Sta. 4+52.07, Line 4 =
B.L. Sta. 152+50.00, 35.50' Rt.
Match Point

25' UTILITY EASEMENT

Install 145.00 L.F. 16" Pipe

Install 7.07 L.F. 16" D.I.C.L. Pipe

WILLOWOOD MOBILE HOME PARK INC
C - 43491
CAMELOT ADDITION

CITY OF WICHITA
C - 36612
NEW HOPE ADDITION

CAUTION!
Existing U/G Bell in Vicinity

CAUTION!
Existing UGB Crossing

W.L. Sta. ~~5+97.07~~ 5+80.01, Line 4 =
B.L. Sta. ~~153+95.00~~, 35.50' Rt.
1 – 16" 45° C.I.M.J. Bend (W)
Roll Vertical to Match
Block as Necessary
℄ 153+88.0

25' UTILITY EASEMENT · Ex 2" Gas (PE) · 10' UTILITY EASEMENT

BENCHMARK:

- *BM #6 – RR Spike in West face of HLP, East side of Hydraulic, South of Georgia St. Sta. 147+70, 43' Rt. Elev. 84.51 (City Datum)*

W.L. Sta. 1+03.25, Line 5 =
B.L. Sta. 148+83.47, 67.75' Lt.
~~1 – 45° C.I.M.J. Bend (W)~~

0 10 20
SCALE: 1" = 20'

CAUTION!
Existing 15" RCP 4" Gas Proposed 36" SWS Pipe Crossings

CAUTION!
Existing & Proposed U/G SWB Crossing

W.L. Sta. 1+19.5
W.L. Sta. ~~1+10.00~~, Line 5 =
B.L. Sta. 148+83.47, 74.50' Lt.
1 – 8"x6" PE x MJ Reducer
~~1 – 6" C.I.M.J. 90° Bend~~
(Rolled) 2 – 8" C.I.M.J. 45° Bends
18" of 8" DICL PIPE
8"x6" Reducer
6" Tapping Valve V# 37271

W.L. Sta. 0+00.00, Line 5 =
W.L. Sta. 0+85.34, Line 4 =
B.L. Sta. 148+83.25, 35.50' Rt.
Valve Box Elev. = 82.95
V# 1002B

25' UTILITY EASEMENT · Ex 6" Conc Wall · Prop SWB · Line 4 · Line 5 · GV · Ex 9" Gas (RCP) · Prop 30" SAN SEWER (RCP) · Prop 2" Gas · Ex 2" Gas (PE) · Ex 12" RCP · Prop 18" RCP · SAND ROAD · Ex 2" Gas (PE) · GEORGIA AVENUE · 149+00 · HYDRAULIC AVENUE · SL=BL · 90' R/W · EOA · Ex Walk · Prop SWB · Ex 2" Gas (BS) · Ex 6" Gas (CS) · 6" Pipe Top = 79.34 · CHURCH BLDG

Install 4.00 L.F. 6" D.I.C.L. Pipe

Install 103.25 L.F. 8" Pipe

Install 6.75 L.F. 8" D.I.C.L. Pipe

W.L. Sta. 1+21.5
W.L. Sta. ~~1+14.00~~, End Line 5 =
B.L. Sta. 148+87.50, 74.50' Lt.
Connect to Ex. 6" A.C. Line
1 – 6"x6" Tapping Sleeve
1 – 6" Tapping Valve
1 – 6" Valve Box
To Be Furnished & Installed By The City of Wichita.
Valve Box Elev. = 83.00
Cap Existing 6" Line (East)
6" V# 37271

CAUTION!
Existing U/G Bell 30" San Sewer Crossings

CAUTION!
Proposed 2" Gas in Vicinity

LOUIS 4TH ADDITION
SOUTH RIVERSIDE
BAPTIST CHURCH
B - 12291

Note:
Pavement, Sidewalks, and Etc. To Be Removed Are Indicated By:

Contractor Shall Temporarily Replace All Roadway, Drive and Sidewalk Pavement as Necessary to Maintain All Pedestrian and Vehicular Traffic Until Construction of Permanent Pavement is Complete.

90 · 85 · 80 · 75 · 70 · 65

W.L. Sta. 4+52.07, Line 4 =
B.L. Sta. 152+50.00, 35.50' Rt.
Match Point

Existing Grade @ ℄ of Pipe
Proposed Grade @ ℄ of Pipe

Ex U/G Bell (Verify)

W.L. Sta. ~~5+97.07~~ 5+80.01, Line 4 =
1 – 16" 45° C.I.M.J. Bend (W)
Roll Vertical to Match

W.L. Sta. ~~5+97.07~~ 5+80.01, End Line 4
1 – 16" 45° C.I.M.J. Bend (E)
Roll Vertical to Match

Remove 16" Cast Iron Pipe

Line 4

75.97 = T.P. · 75.97 = T.P. · 76.89 = T.P. · 79.95 = T.P. (Verify)

4+66.33 · 5+00 · 5+97.07 · 6+04.14

W.L. Sta. 0+00.00, Line 5 =
W.L. Sta. 0+85.34, Line 4 =
Valve Box Elev. = 82.95

Ex 6" Gas (Verify) · *Ex 30" San Sewer (Verify)* · *Ex U/G Bell (Verify)* · ℄ Hydraulic Avenue · *Ex 15" RCP (Verify)* · *Prop 36" SWS Pipe* · *Ex 2" Gas (Verify)*

W.L. Sta. 1+03.25, Line 5 =
1 – 45° C.I.M.J. Bend (W)

W.L. Sta. 1+10.00, Line 5 =
1 – 8"x6" PE x MJ Reducer
1 – 90° C.I.M.J. Bend (W)

W.L. Sta. 1+14.00, End Line 5 =
Connect to Ex. 6" A.C. Line
1 – 6"x6" Tapping Sleeve
1 – 6" Tapping Valve
1 – 6" Valve Box
Valve Box Elev. = 83.00

Existing Grade @ ℄ of Pipe
Proposed Grade @ ℄ of Pipe

Remove 6" Pipe

Prop. 18" SWS Pipe

FL = 79.56 · FL = 76.78 · FL = 68.06 (Per Record)

Line 5

74.90 = T.P. (16") · 75.57 = T.P. (8") · 77.57 · 80.40 = T.P. · 80.26 = T.P. (Verify)

0+00 · 1+03.25 · 1+10.00 · 1+14.00

PROJECT NUMBER	SHEET NAME	ENGINEERING DIRECTORY
472-76-245-83324	Wt05	F:\Eng\Hydraulic\wtr

DESIGN	DRAWN	APPROVED	DATE	SCALE	BAUGHMAN NO
JFB	KWR	JFB	Sept 02	Noted	99-09-E454

CAPITAL IMPROVEMENTS

WATER LINE LOWERING PLAN

HYDRAULIC AVENUE PAVING - 47TH STREET SOUTH TO MACARTHUR ROAD

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

SHEET 49 OF 102