FHWA REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87N-XXXXX	2003	67	143

SCALE:
1" = 20' HORIZONTAL
1" = 5' VERTICAL

Abandon 4" Water Line in place

Cut & Cap 4" Water Line

IDLEWILD STREET

W.L. Sta. 0+00, Begin Line 4 =
B.L. Sta. 86+52, 54.0' Rt.
1 – 90° CIMJ Bend (E-N)

Install 4.0 L.F. 4" D.I.C.L. Pipe

W.L. Sta. 0+04, Line 4 =
B.L. Sta. 86+56, 54.0' Rt.
1 – 8"x8"x4" Tee (S)
1 – 8" Plug (E)
Block as necessary

W.L. Sta. 0+10, Line 4 =
B.L. Sta. 86+56, 48' Rt.
1 – 45° CIMJ Bend (DN)
Block as necessary

Install 6.0 L.F. 8" D.I.C.L. Pipe

Install 5.32 L.F. 8" D.I.C.L. Pipe

W.L. Sta. 0+15.32, Line 4 =
B.L. Sta. 86+56, 44.14' Rt.
1 – 45° CIMJ Bend (UP)
Block as necessary

W.L. Sta. 0+29.56, Line 4 =
B.L. Sta. 82+56, 30.0' Rt.
Top Exist. 16" AC Water Main
1 – 16"x8" Topping Sleeve (E)
1 – 8" Topping Valve
1 – 8" Valve Box
To be furnished & installed by the City of Wichita
Valve Box Elev. = 77.26

Install 14.24 L.F. 8" D.I.C.L. Pipe

Line 4

NOTE: THIS WORK TO BE DONE AFTER SWITCHING ALL LONG & SHORY WATER LINE SERVICES FROM THE EXISTING 16" WATER LINE AND IN CONNECTION WITH LINE 2 & LINE 3 WORK.

Connect to Ex. 8" Valve
2.61 LF 8" D.I.C.L. Pipe
1–11.25° CIMJ Bend (V)

Install 8.25 LF 8" D.I.C.L. Pipe

W.L. Sta. 0+00, Begin Line 5 =
B.L. Sta. 88+42.12, 30.5' Rt.
1 – 45° CIMJ Bend (rolled)
1 – 16" Anch. Butterfly Valve Assy (S)
1 – 1" Air Release Assy (S)

Line 5

Install 8.94 LF 16" D.I.C.L. Pipe

W.L. Sta. 0+08.94, Line 5 =
B.L. Sta. 88+48.44, 36.5' Rt.
1 – 45° CIMJ Bend (rolled)
Block as necessary

Install 17 LF 16" D.I.C.L. Pipe

W.L. Sta. 0+25.94, Line 5 =
B.L. Sta. 88+65.44, 36.5' Rt.
1 – 16"x 8" Tee (W) (Rolled)
Block as necessary

Install 3 LF 16" D.I.C.L. Pipe

W.L. Sta. 0+37.89, Line 5 =
B.L. Sta. 88+74.77, 30.5' Rt.
1 – 45° CIMJ Bend (rolled)
1 – 1" Air Release Assy (N)

Install 8.94 LF 16" D.I.C.L. Pipe

W.L. Sta. 0+28.94, Line 5 =
B.L. Sta. 88+68.44, 36.5' Rt.
1 – 45° CIMJ Bend (rolled)
Block as necessary

51ST STREET SOUTH

Note:
Trees/Shrubs to be removed are marked thus:

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

Line 6

W.L. Sta. 0+00, Begin Line 6 =
B.L. Sta. 88+65.2, 16.5' Lt.
1 – 45° CIMJ Bend (rolled)

Install 5.88 L.F. 8" D.I.C.L. Pipe

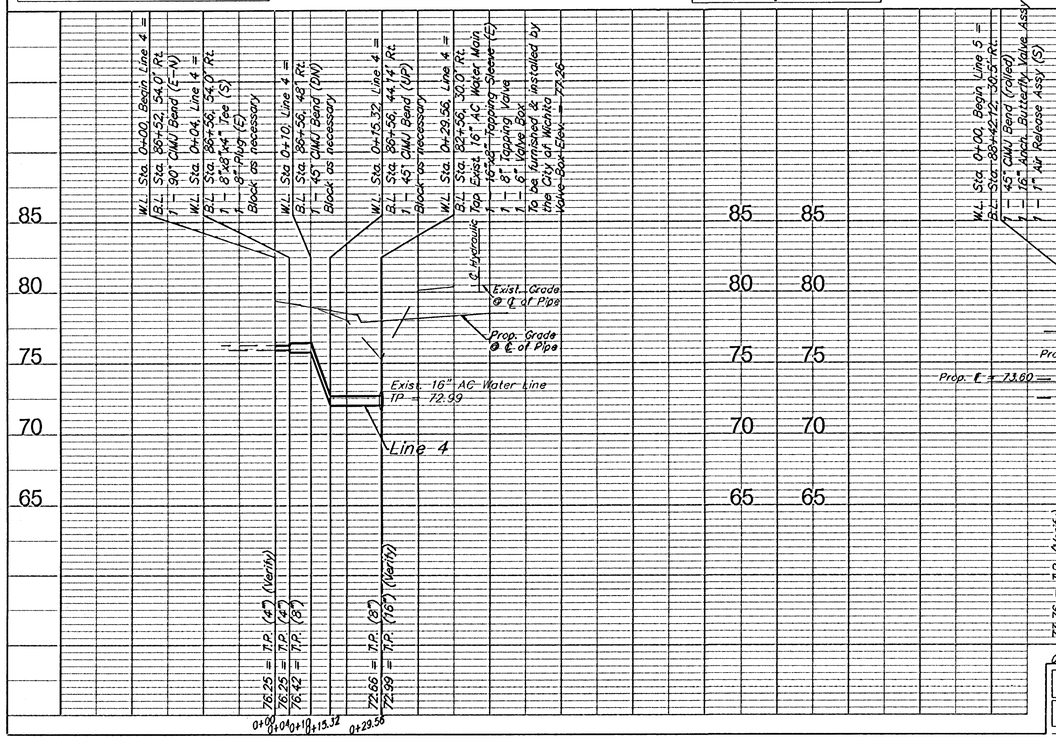
W.L. Sta. 0+5.88, Line 6=
B.L. Sta. 88+69.2, 20.66' Lt.
1 – 45° CIMJ Bend (rolled)
Block as necessary

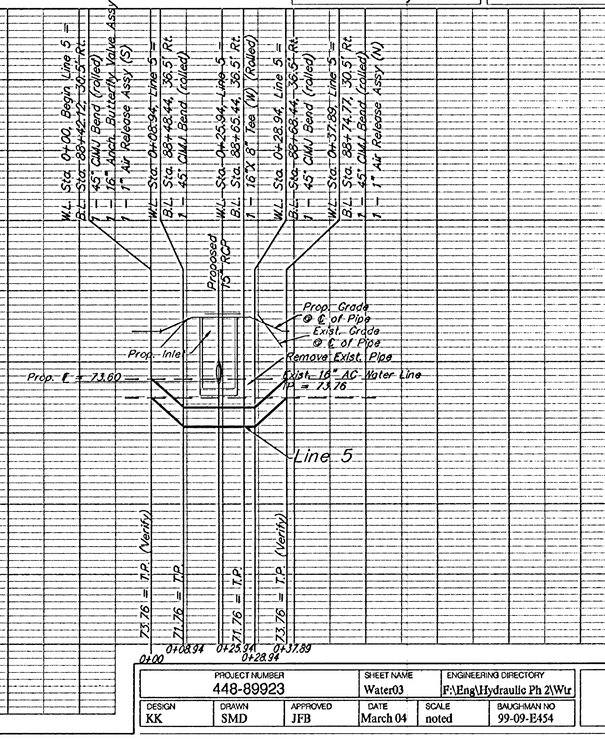
W.L. Sta. 0+31.76, Line 6=
B.L. Sta 88+65.2, 44.82' Lt.
1 – 45° CIMJ Bend (rolled)

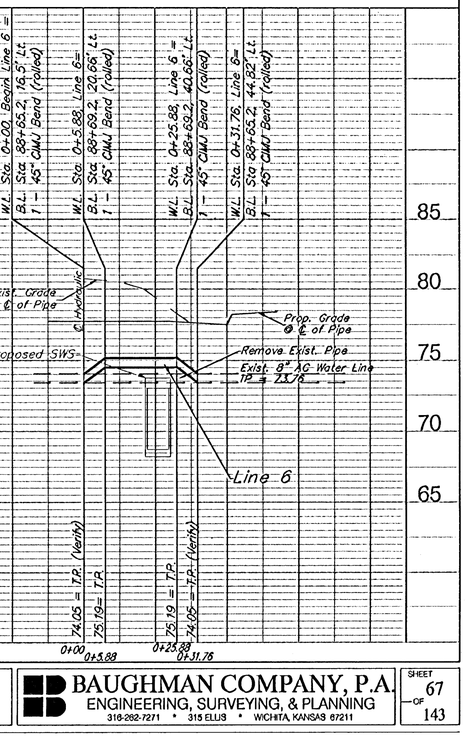
Install 5.88 L.F. 8" D.I.C.L. Pipe

Install 20 L.F. 8" D.I.C.L. Pipe

W.L. Sta. 0+25.88, Line 6 =
B.L. Sta. 88+69.2, 40.66' Lt.
1 – 45° CIMJ Bend (rolled)
Block as necessary







PROJECT NUMBER	SHEET NAME	ENGINEERING DIRECTORY
448-89923	Water03	F:\Eng\Hydraulic Ph 2\Wtr

DESIGN	DRAWN	APPROVED	DATE	SCALE	BAUGHMAN NO
KK	SMD	JFB	March 04	noted	99-09-E454

CAPITAL IMPROVEMENT PROJECT
Hydraulic Waterline Relocations
Line 4, 5, & 6
From 47th Street South to Wichita City Limits

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

SHEET 67 OF 143