FHWA REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87N-XXXXX	2003	65	143

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

W.L. Sta. 0+00, Line 1 =
B.L. Sta. 49+55, 76.0' Rt.
Top Ex. 8" AC Water Main
1 – 8"x 6" Tapping Sleeve
1 – 6" Tapping valve w/valve box
To be furnished & installed by the City of Wichita.
1 – Reinstall Ex. Fire Hydrant (L=4.5')
Bury Line Elev. = 74.97
Valve Box Elev. = 74.91

Remove & Replace 2.5 S.Y. Asph Pavement

Abandon Exist. Water Line

Remove Exist. Fire Hydrant

Close Exist. Valve, Disconnect water line & plug valve Remove valve box & Bury

Line 1

W.L. Sta. 0+00, Begin Line 16 =
B.L. Sta. 111+75.5, 30.5' Rt.
1 – 45° CIMJ Bend (rolled)

W.L. Sta. 0+33.89, Line 16 =
B.L. Sta. 112+04.14, 30.5' Rt.
1 – 45° CIMJ Bend (rolled)

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

W.L. Sta. 0+24.94, Line 16 =
B.L. Sta. 111+97.82, 36.5' Rt.
1 – 45° CIMJ Bend (rolled)
Block as necessary

Install 16.0 L.F. 16" D.I.C.L. Pipe

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

W.L. Sta. 0+08.94, Line 16 =
B.L. Sta. 111+81.82, 36.5' Rt.
1 – 45° CIMJ Bend (rolled)
Block as necessary

Line 16

FH 1

B.L. Sta. 64+05.5, 38' Rt.
Adjust Exist. Fire Hydrant
New Bury Line Elev = 79.71

B.L. Sta. 64+05.5, 35.5' Rt.
Adjust Exist. WV Box
Top Valve Box Elev. = 75.66

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

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

W.L. Sta. 0+00, Line 1 =
B.L. Sta. 49+55, 76.0' Rt.
Top Ex. 8" AC Water Main
1 – 8"x 6" Tapping Sleeve
1 – 6" Tapping valve w/valve box
To be furnished & installed by the City of Wichita.
1 – Reinstall Ex. Fire Hydrant (L=4.5')
Bury Line Elev. = 74.97
Valve Box Elev. = 74.91

Prop. Grade @ ℄ of Pipe

Exist. Grade @ ℄ of Pipe

Exist. 8" AC Water Line TP = 67.80

Line 1

W.L. Sta. 0+00, Begin Line 16 =
B.L. Sta. 111+75.5, 30.5' Rt.
1 – 45° CIMJ Bend (rolled)

W.L. Sta. 0+08.94, Line 16 =
B.L. Sta. 111+81.82, 36.5' Rt.
1 – 45° CIMJ Bend (rolled)
Block as necessary

W.L. Sta. 0+24.94, Line 16 =
B.L. Sta. 111+97.82, 36.5' Rt.
1 – 45° CIMJ Bend (rolled)
Block as necessary

W.L. Sta. 0+33.89, Line 16 =
B.L. Sta. 112+04.14, 30.5' Rt.
1 – 45° CIMJ Bend (rolled)

Proposed 15" RCP

Exist. Grade @ ℄ of Pipe

Prop. Grade @ ℄ of Pipe

Prop. ℄ = 79.73

Remove Exist. Pipe

Exist. 16" CI Water Line TP = 78.76

CAPITAL IMPROVEMENT PROJECT

Line 16

0+00 0+08.94 0+24.94 0+33.89

PROJECT NUMBER	SHEET NAME	ENGINEERING DIRECTORY
448-89923	water01	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 1, Line 16, & FH 1
From 47th Street South to Wichita City Limits

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

SHEET 65 OF 143