BENCHMARKS:

BM #11 – Chiseled "X" Cut into the Top of the North Curb of the South Frontage Road
BL Sta. 568+87.56, 17.12' Lt.
Elev = 1334.92 (NAVD 88)

BM #12 – Chiseled "X" Cut into the Top of the First Inlet East of 119th Street West on the North Side of the South Frontage Road.
BL Sta. 574+40.88, 238.21' Rt.
Elev = 1333.01 (NAVD 88)

The Contractor Shall Saw and Remove the Existing Asphalt Pavement as Necessary to Make the Water Main Connection and Then Repave 119th Street West per the Detail on Sheet 3.

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

Prior to Beginning Construction, The Contractor Shall Excavate the Ex. 16" Water Line at Sta. 67+26.29 to Verify Size and Location. All Necessary Adjustments to the Proposed and Existing Water Lines to Make the Connections, Including Additional Water Line and Fittings, Shall be Considered SUBSIDIARY to the Water Line Installations.

SCALE:
1" = 40' Horizontal
1" = 5' Vertical

Sta. 58+00.00, Water Line 1 = BL Sta. 567+77.18, 35.86' Rt. Match Point

Sta. 59+00.00, Water Line 1 = BL Sta. 568+77.18, 35.53' Rt. Deflect Pipe 1° 55' (Lt.)

CAUTION! Existing 2" Conduit Crossing

Sta. 59+75.00, Water Line 1 = BL Sta. 569+52.13, 32.79' Rt. Begin Trenchless Installation of 12" Water Line. Deflect Pipe 1° 55' (Rt.)

Sta. 60+95.00, Water Line 1 = BL Sta. 570+72.13, 32.40' Rt. End Trenchless Installation of 12" Water Line. Deflect Pipe 2° 00' (Rt.)

Sta. 61+66.63, Water Line 1 = BL Sta. 571+43.72, 34.67' Rt. Deflect Pipe 2° 00' (Lt.) Install 1–1" Air Release Assy.

Sta. 66+00.00, Water Line 1 = BL Sta. 575+77.09, 33.27' Rt. Install 1–Fire Hydrant Assy. (N) L = 6.00' Bury Line Elev. = 1334.4 Valve Box Elev. = 1334.3

ATTENTION Future 36" SWS Crossing

CAUTION! Existing 36" SWS U/G AT&T Crossings

Sta. 66+10.42, Water Line 1 = BL Sta. 575+87.51, 33.24' Rt. Install 1–12" CIRJ 22.5° Bend (Rolled)

Sta. 66+20.00, Water Line 1 = BL Sta. 575+97.09, 33.21' Rt. Install 1–12" CIRJ 22.5° Bend (Rolled)

Sta. 66+53.00, Water Line 1 = BL Sta. 576+30.09, 33.10' Rt. Install 1–12" CIRJ 22.5° Bend (Rolled)

Sta. 66+60.57, Water Line 1 = BL Sta. 576+37.66, 33.08' Rt. Install 1–12" CIRJ 22.5° Bend (Rolled)

Sta. 66+75.00, Water Line 1 = BL Sta. 576+52.09, 33.03' Rt. Begin Trenchless Installation of 12" Water Line.

Sta. 67+26.29, End Water Line 1 = BL Sta. 577+03.38, 32.86' Rt. End Trenchless Installation of 12" Water Line. Install 1–16" X 12" CIMJ Reducer Tap Ex. 16" Water Line. See General Notepage for Details on Tapping Operations. Valve Box Elev. = 1334.6

Install 175.00 L.F. 12" Pipe

Install 120.00 L.F. 12" Restrained Joint Pipe by Trenchless Methods.

Install 515.42 L.F. 12" Pipe

Install 9.58 L.F. 12" DICL Pipe

Install 33.00 L.F. 12" Pipe

Install 14.43 L.F. 12" Pipe

Future SWS System

Install 7.57 L.F. 12" DICL Pipe

Install 51.29 L.F. 12" Restrained Joint Pipe by Trenchless Methods.

CAUTION! Existing AT&T Fiber Optic Cable Crossing

CP X#106
BM#11

567+00 568+00 569+00 570+00 571+00 572+00 573+00 574+00 575+00 576+00 577+00 577+37

Inlet 2" Conduit 36" RCP Inlet 36" RCP Inlet 36" RCP Inlet 36" RCP Inlet 36" RCP Inlet

Street Light Base Street Light Base

SWSMH SWSMH

Wire Fence Barbed Wire Fence Ex. R/W

5.00' 7.50' 5.00'

South Kellogg Frontage Road

119th Street West

AT&T 600 Pr. Cable in 4" PVC Conduit AT&T TSign Existing Asphalt Pavement EOA AT&T WTR WV Ex. 8" Water Abnd. AT&T F.O. Ex. 16" Water Section Line

Sta. 58+00.00, Water Line 1 = Match Point
Sta. 59+00.00, Water Line 1 = P.V.I. Deflect Pipe 1° 55' (Lt.)
Ex. 2" Conduit (Verify)
Sta. 59+75.00, Water Line 1 Begin Trenchless Installation of 12" Water Line. Deflect Pipe 1° 55' (Rt.)
Ex. 36" SWS (Verify)
Sta. 60+95.00, Water Line 1 End Trenchless Installation of 12" Water Line. Deflect Pipe 2° 00' (Rt.)
Sta. 61+66.63, Water Line 1 = P.V.I. Deflect Pipe 2° 00' (Lt.) Install 1–1" Air Release Assy.
Existing Ground @ ℄ of Pipe
Sta. 66+00.00, Water Line 1 Install 1–Fire Hydrant Assy. (N) L = 6.00' Bury Line Elev. = 1334.4 Valve Box Elev. = 1334.3
Sta. 66+10.42, Water Line 1 = P.V.I. Install 1–12" CIRJ 22.5° Bend (Rolled)
Sta. 66+20.00, Water Line 1 = P.V.I. Install 1–12" CIRJ 22.5° Bend (Rolled)
Future 36" SWS Crossing
Ex. 36" SWS (Verify)
Sta. 66+53.00, Water Line 1 = P.V.I. Install 1–12" CIRJ 22.5° Bend (Rolled)
Ex. U/G AT&T (Verify)
Sta. 66+60.57, Water Line 1 = P.V.I. Install 1–12" CIRJ 22.5° Bend (Rolled)
Sta. 66+75.00, Water Line 1 = P.V.I. Begin Trenchless Installation of 12" Water Line.
Abnd. AT&T Fiber Optic (Verify)
Sta. 67+26.29, End Water Line 1 End Trenchless Installation of 12" Water Line. Install 1–16" X 12" CIMJ Reducer Tap Ex. 16" Water Line. See General Notepage for Details on Tapping Operations. Valve Box Elev. = 1334.6

1345 1340 1335 1330 1325 1320 1315

1328.23 = T.P. 1329.62 = T.P. 1329.70 = T.P. 1329.73 = T.P. 1329.83 = T.P. 1329.91 = T.P. 1329.62 = T.P. 1328.75 = T.P. 1327.87 = T.P. 1327.00 = T.P. 1326.13 = T.P. 1326.04 = T.P. 1322.07 = T.P. 1325.20 = T.P. 1322.07 = T.P. 1325.20 = T.P. 1326.02 = T.P. 1326.74 = T.P.

58+00.00 59+00 59+75.00 60+00 60+95.00 61+66.63 62+00 63+00 64+00 65+00 66+00.00 66+10.42 66+20.00 66+53.00 66+60.57 66+75.00 67+00 67+26.29

Drawing File: E:\Projects\Kellogg Water-135th to 119th\Civil 3d\Base.dwg [Water 07]

| | |
|---|---|
| Design: | SRS |
| Drawn: | STAFF |
| Approved: | SRS |
| Scale: | NOTED |

Project No. 1604-E437 CAPITAL IMPROVEMENT PROJECT

KELLOGG WATER MAIN IMPROVEMENTS
WL Sta. 58+00.00 to WL Sta. 67+26.29
WEST KELLOGG WATER MAIN EXTENSION

Baughman Company, P.A.
315 Ellis St. Wichita, KS 67211 P 316-262-7271 F 316-262-0149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

April 2017
SHEET 10 OF 22