

BENCHMARK:

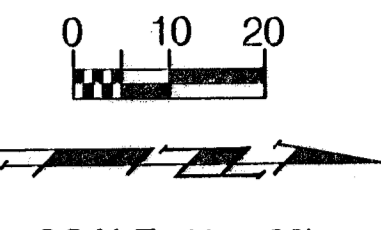
BM #2 - RR Spike in West face of HLP, East side of Hydraulic, South of Fernwood and North of 46th St. South. Sta. 122+83, 41' Rt. Elev. = 85.33 (City Datum)

BM #3 - RR Spike in West face of HLP, East side of Hydraulic, North of 45th St South, North of the Mobile home Park Entrance. Sta. 131+21, 41' Rt. Elev. = 82.72 (City Datum)

CHARLES L. & JEANENE S. HUDDLESTON B - 12419

SOUTH HYDRAULIC PARK ADDITION BLK D GEORGE W. & PATRICIA M. KNOWLES B - 12418

SOUTH HYDRAULIC PARK ADDITION BLK C RALPH W. PARKER B - 12409



Notes:

The Contractor will not be allowed to shut down the existing 16" Cast Iron Water Line until all three connections are ready to be completed to minimize the shutoff time to the Scott Stuckey 2nd Addition.

Traffic is to be maintained in both directions on Fernwood during construction. The Contractor may close half of the road at a time as necessary.

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.

SWB Cables Shown on This plan that Conflict with the New Water Line Location Are to Be Abandoned. Contact SWB for Further Information Prior to Relocation.

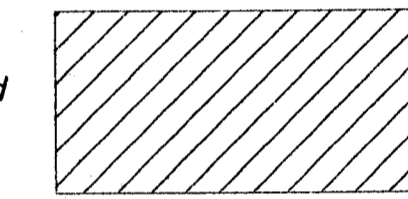
All New Pipe That is Unable to be Flushed Shall be Swabbed & Disinfected Prior to Installation.

Contractor may Elect to Use Restrained Fittings and/or Rods & Lugs between Fittings to Ensure Thrust Restraint.

The Existing Water Line is to be Removed as Necessary for Construction. The Contractor May Plug and Abandon in Place the Remaining Water Line as Directed by the Field Engineer. Cost to be INCIDENTAL to Installation of the Water Line.

Note:

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



W.L. Sta. 0+00.00, Begin Line 1 = B.L. Sta. 123+50.00, 30.39' Rt. 1 - 45° C.I.M.J. Bend (Rolled) Block as Necessary

1-16" C.I.M.J. coupler halfway between 2-45° Bends

Install 7.41 L.F. 16" DICL Pipe

W.L. Sta. 0+07.41, Line 1 = B.L. Sta. 123+52.64, 34.40' Rt. 1 - 45° C.I.M.J. Bend (Rolled)

W.L. Sta. 0+69.40, Line 1 = B.L. Sta. 124+17.15, 34.49' Rt. 1 - 16" x 8" C.I.M.J. Tee 1 - 8" Anchored Valve Assy. Contractor Shall use Fittings and Pipe as Necessary to Match Prop Elevation of 16" Tee. (Included in 20 L.F. 8" Pipe) Valve Box Elev. = 82.75

Install 61.92 L.F. 16" Pipe

Install 20.00 L.F. 8" Pipe

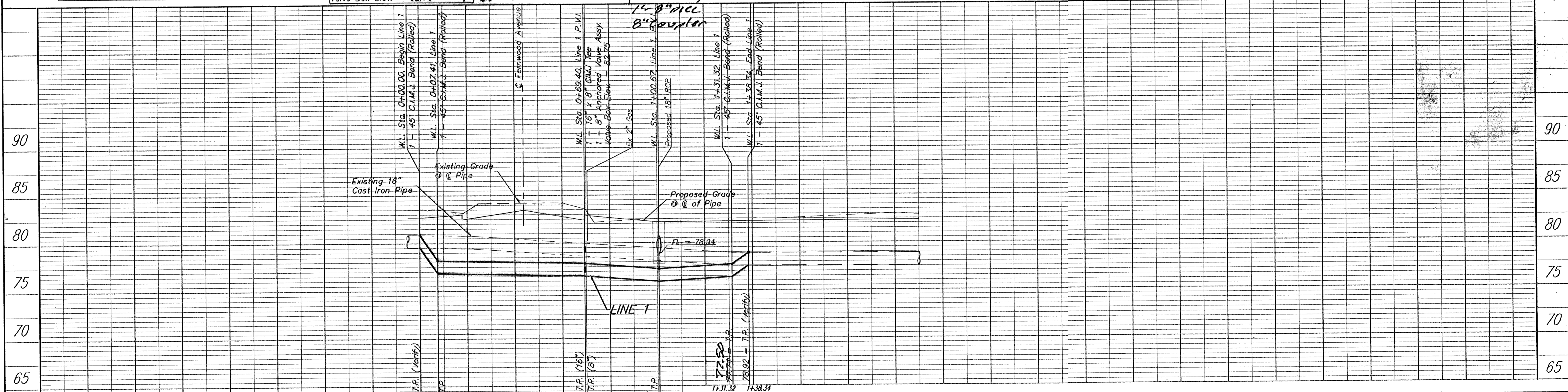
10" - 8" DICL 45° Bend 4" - 8" DICL 45° Bend

Install 7.02 L.F. 16" DICL Pipe

16" C.I.M.J. Coupler in middle of 7' C-41225

W.L. Sta. 1+31.32, Line 1 = B.L. Sta. 124+79.18, 34.66' Rt. 1 - 45° C.I.M.J. Bend (Rolled) Block as Necessary

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



PROJECT NUMBER City of Wichita	SHEET NAME Wu01	ENGINEERING DIRECTORY P:Eng/Hydraulic/wtr
DESIGN JFB	DRAWN KWR	APPROVED JFB
DATE Sept. 2002	SCALE Noted	BAUGHMAN NO 99-09-E454

CAPITAL IMPROVEMENTS
WATER LINE LOWERING PLAN
HYDRAULIC AVENUE PAVING - 47TH STREET SOUTH TO MCCARTHUR ROAD

BAUGHMAN COMPANY, P.A.
ENGINEERING, SURVEYING, & PLANNING
318-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

SHEET 45 OF 102