



ESTIMATE OF QUANTITIES
FOR BIDDING

- FURNISH PIPE AND INSTALL**
(DUCTILE IRON PUSH-ON RUBBER GASKET JOINT)
- 623 FT. - 8" WATER MAIN
 - 18 FT. - 6" HYDRANT BRANCH
- INSTALL**
- 2 - HYDRANT
- REMOVE**
- 1 - HYDRANT / MINOR
- SERVICES**
- 2 - CONNECT ORIGINAL SERVICE (C.O.S. - LONG)
 - 10 - CONNECT ORIGINAL SERVICE (C.O.S. - SHORT)

- PERMANENT PAVEMENT**
- 440 SQ. YDS. - 4" ASPHALTIC CONCRETE
- CURB AND GUTTER**
- 12 LIN. FT. - CONCRETE
- BARRICADES AND TRAFFIC CONTROL**
- LUMP SUM
- FINISHING OF ROADWAY**
- LUMP SUM
- FURNISH, INSTALL, AND MAINTAIN EROSION CONTROL**
- LUMP SUM

FOLLOWING IS A LIST OF THE FITTINGS SHOWN ON THIS CONSTRUCTION PLAN THAT WILL BE PROVIDED BY THE CITY.

- 2 - AT 8x6
- 1 - AC8
- 55 - BB-45
- 2 - BB-22 1/2
- 1 - BB-11 1/4
- 2 - V8
- 2 - V6
- 4 - VB-DD
- 1 - H (7.5)
- 1 - H (6.5)
- 1 - SL8
- 5 - 1" CORPORATION STOP
- 6 - 1 1/2" CORPORATION STOP
- 1 - 2" CORPORATION STOP
- 6 - 8" x 1 1/2" SERVICE SADDLE
- 1 - 8" x 2" SERVICE SADDLE

PAVEMENT TYPE

EXISTING PAVEMENT IN W. FERNWOOD CIR. IS
3" (1998) ASPHALT CONCRETE AND
2.5" (1961) ASPHALT CONCRETE

ABANDONMENT OF WATER MAINS, VALVES, AND HYDRANT BRANCHES

- 1" - 8" - 1998-D.I. WATER MAIN
- 1" - 6" - 1998-D.I. WATER MAIN
- 625' - 6" - 1957-L WATER MAIN

- 1 - HYDRANT

GENERAL NOTES

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF MILWAUKEE "WATER MAIN INSTALLATION SPECIFICATIONS" DATED JANUARY 2, 1987. ADDITIONALLY, ALL WORK SHALL BE DONE IN ACCORDANCE WITH "THE MILWAUKEE WATER WORKS STANDARD PLAN NOTES REGARDING WATER MAIN CONSTRUCTION", WHICH IS ATTACHED AND MADE PART OF THESE WATER MAIN PLANS AND CONTRACT DOCUMENTS.

THE DEPARTMENT OF PUBLIC WORKS GENERAL SPECIFICATIONS, DATED JANUARY 31, 1992, LATEST REVISION, APPLIES TO THIS CONTRACT AND WILL SUPERSEDE ANY PART OF THE SPECIFICATIONS WHICH DIFFERS THEREFROM.

THE MILWAUKEE WATER WORKS WILL FURNISH WATER MAIN MATERIALS AS INDICATED IN SPECIFICATION SECTION 4.3.1. THE CONTRACTOR SHALL FURNISH TEMPORARY TEST CAPS AND PLUGS. THE CONTRACTOR SHALL FURNISH ALL OTHER ITEMS REQUIRED TO COMPLETE THIS PROJECT.

VALVE BOX BASE ADAPTERS

ALL VALVE BOXES SHALL BE INSTALLED ON GATE VALVES WITH THE USE OF THE VALVE BOX BASE ADAPTERS. "ADAPTOR 11" AS MANUFACTURED BY ADAPTOR INC. OR AN APPROVED EQUAL. THE ADAPTER SHALL BE INSTALLED IN ADDITION TO THE HARDWOOD BLOCKING. COST OF THE ADAPTER SHALL BE INCLUDED IN THE UNIT BID PRICE TO FURNISH AND INSTALL WATER MAIN.

SCHEDULE

NO WORK MAY BEGIN PRIOR TO MARCH 17, 2014. ALL WORK SHALL BE COMPLETED, INCLUDING PAVEMENT RESTORATION, BY AUGUST 29, 2014.

EACH PROJECT IN THIS CONTRACT IS ASSIGNED AN ALLOWABLE NUMBER OF PROJECT WORKING DAYS. A PROJECT WORKING DAY IS DEFINED AS ANY DAY THE CONTRACTOR IS ABLE TO WORK A MINIMUM OF FOUR (4) HOURS TOWARDS COMPLETION OF THE PROJECT. FOLLOWING IS A LIST OF WATER MAIN INSTALLATION PROJECTS INCLUDED IN THIS CONTRACT AND THE ALLOWABLE PROJECT WORKING DAYS FOR EACH:

W. FERNWOOD CIR. FROM W. HONEY CREEK DR. TO W. HONEY CREEK DRIVE.. PLAN FILE NOS. 2014004, 2014005 - 25 WORKING DAYS.

S. HONEY CREEK DR. FROM W. RIVER BEND DR. TO W. MORGAN AVE.. PLAN FILE NOS. 2014006, 2014007, 2014008 - 46 WORKING DAYS.

W. OHIO AVE. FROM W. RIVER BEND DR. TO S. 76TH ST.. PLAN FILE NOS. 2014009, 2014010 - 28 WORKING DAYS.

W. LAKEFIELD DR. FROM S. 72ND ST. TO W. OKLAHOMA AVE.. PLAN FILE NO. 2014011 - 16 WORKING DAYS.

S. 71ST ST. FROM W. LAKEFIELD DR. TO W. BURDICK AVE.. PLAN FILE NO. 2014012 - 18 WORKING DAYS.

S. 69TH ST. FROM W. EUCLID AVE. TO W. OHIO AVE.. PLAN FILE NO. 2014013 - 22 WORKING DAYS.

PLAN NOTES ARE CONTINUED ON W. FERNWOOD CIR., SHEET 2 OF 2, PLAN FILE NO. 2014005.



CALL DIGGERS HOTLINE
1-800-242-8511
TOLL FREE TO OBTAIN LOCATION OF UNDERGROUND BEFORE YOU DIG. WISCONSIN STATUTE (82.0715) REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE



Milwaukee Water Works
Department of Public Works

Water Engineering

WATER MAIN

W. FERNWOOD CIR.
W. HONEY CREEK DR.
W. HONEY CREEK DR.

APPROVED: *Patrick W. Paul* 1-28-14
DATE: 1-28-14
DESIGN ENGINEER

CHIEF DESIGN ENGINEER
Mark J. Miller 1-28-14
SPECIAL DEPUTY COMMISSIONER OF PUBLIC WORKS

PROGRAM NO. 2014-632 CONTRACT NO. C.C. FILE NO. 131243
WORK ORDER WT41010632 D.W. & PROJECT NO. 14-19-1 DATE ADOPED 1/22/14

SHEET NO. 1 OF 2 PLAN FILE NO. 2014004

NO.	BY	REVISION	DATE