

**ESTIMATE OF QUANTITIES**

FOR BIDDING

FURNISH PIPE AND INSTALL  
(DUCTILE IRON PUSH-ON RUBBER GASKET JOINT)  
596 FT. - 8" WATER MAIN

SERVICES  
6 - CONNECT ORIGINAL SERVICE (C.O.S. - SHORT)  
4 - CONNECT ORIGINAL SERVICE (C.O.S. - LONG)

PERMANENT PAVEMENT  
325 SQ. YDS. - 8" CONCRETE

FURNISH AND INSTALL DOWEL BARS  
610 BARS

CURB & GUTTER  
570 LIN. FT. - CONCRETE

BARRICADES AND TRAFFIC CONTROL  
LUMP SUM

SAWCUTTING  
610 LIN. FT. - IN CONCRETE (FULL DEPTH)

FINISHING OF ROADWAY  
LUMP SUM

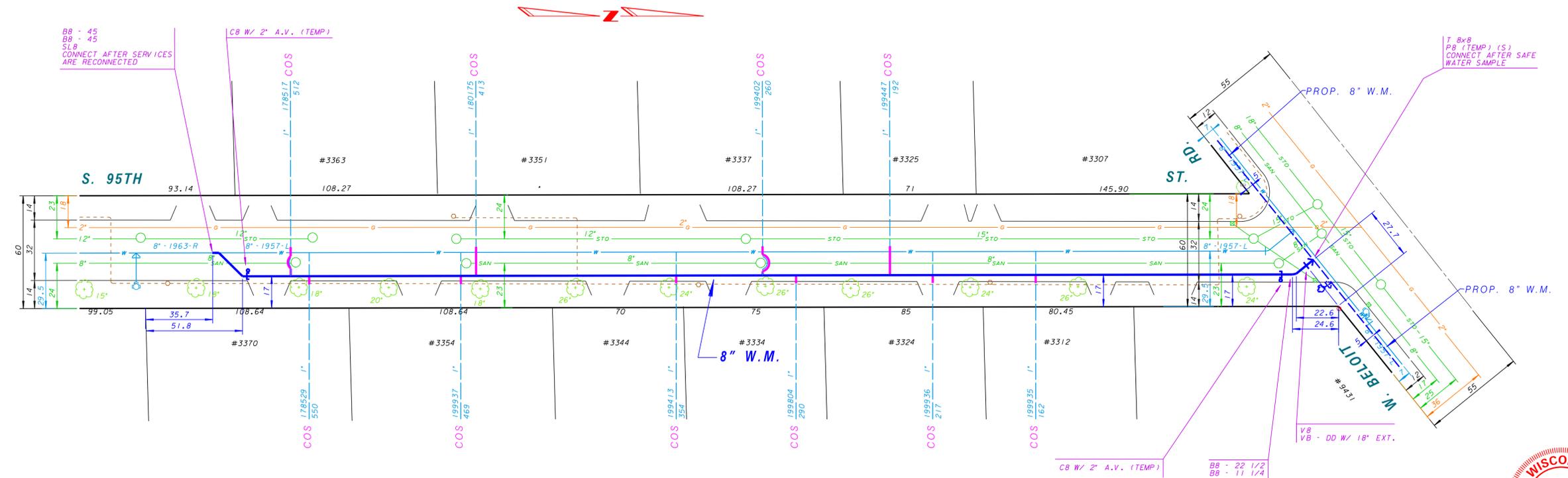
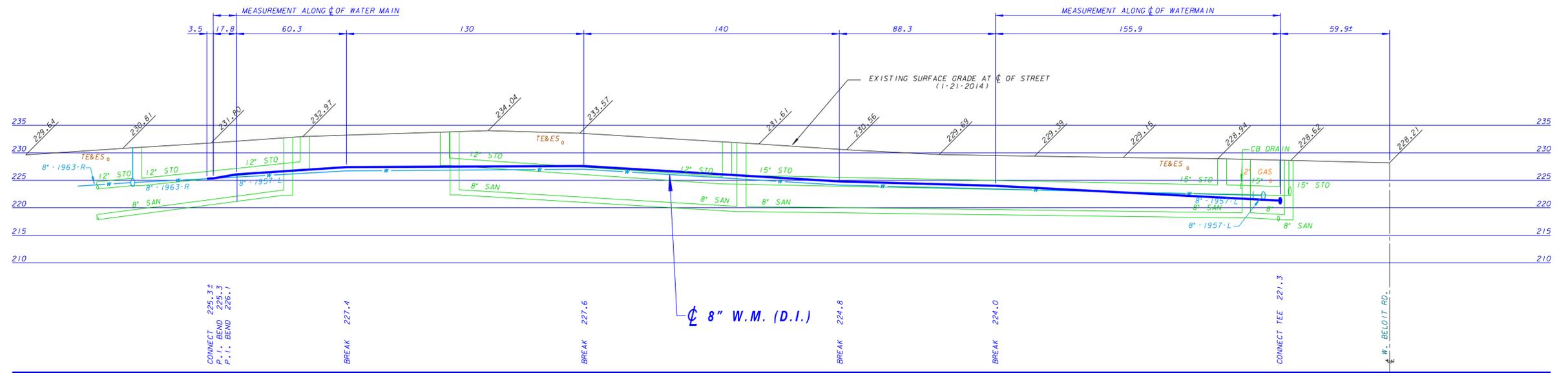
FURNISH, INSTALL AND MAINTAIN EROSION CONTROL  
LUMP SUM

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

- 1 - T 8x8
- 2 - BB-45
- 1 - BB-22 1/2
- 1 - BB-11 1/4
- 1 - V 8
- 1 - VB-DD
- 1 - VALVE BOX 18" EXT.
- 1 - SL8
- 10 - 1" CORPORATION STOP

PAVEMENT TYPE  
EXISTING PAVEMENT IN S. 95TH ST. IS 8" CONCRETE (1965).  
EXISTING PAVEMENT IN THE INTERSECTION OF S. 95TH ST. & W. BELOIT RD. IS 7" CONCRETE (1976).

ABANDONMENT OF WATER MAINS, VALVES AND HYDRANTS  
10 FT. - 8" 1963-R WATER MAIN  
573 FT. - 8" 1957-L WATER MAIN  
1 - 8" VALVE



FORESTRY NOTE  
DUE TO THE PROXIMITY OF THE PROPOSED WATER MAIN TO ADJACENT CITY STREET TREES, EXCAVATION AND CONSTRUCTION EQUIPMENT SHALL BE SELECTED, POSITIONED AND OPERATED TO AVOID DAMAGE TO TREE ROOTS, BRANCHES AND TRUNKS.  
WHERE CURB AND GUTTER REMOVAL/REPLACEMENT IS NECESSARY NEAR CITY STREET TREES ON S. 95TH ST., EXCAVATION AT THE BACK OF CURB MUST BE LIMITED TO THE MINIMUM NECESSARY TO SET FORMS. ANY TREE ROOTS ENCOUNTERED SHALL BE CLEANLY CUT USING HAND TOOLS. ROOTS SHOULD NOT BE RIPPED OR TORN BY EXCAVATION EQUIPMENT.

TRAFFIC PROVISIONS  
USE NO PARKING ANYTIME ON EAST SIDE OF S. 95TH ST.  
USE NO PARKING 7AM TO 5PM ON WEST SIDE OF S. 95TH ST.  
MAINTAIN TWO WAY TRAFFIC.  
PAVEMENT MARKINGS MUST BE RETURNED TO ORIGINAL MATERIAL AND CONDITION.  
PROVIDE SEVEN (7) DAYS ADVANCED NOTICE TO TRAFFIC ENGINEERING AT 286-3632 FOR THE INSTALLATION OF TEMPORARY "NO PARKING" SIGNS OR IF THERE ARE ANY QUESTIONS CONCERNING THESE COMMENTS.  
IF TRAFFIC OR STREET SIGNS ARE TAKEN DOWN DURING CONSTRUCTION ACTIVITIES THE CONTRACTOR SHALL CONTACT MR. MIKE CHANEK OF INFRASTRUCTURE SERVICES AT 286-5965 TO HAVE THE SIGNS RE-INSTALLED.  
ANY PERSON WORKING IN THE PUBLIC WAY SHALL COMPLY WITH THE CITY OF MILWAUKEE, DEPARTMENT OF PUBLIC WORKS BOOKLET, "TRAFFIC CONTROL FOR CONSTRUCTION AND MAINTENANCE WORK" AND PART VI OF THE STATE OF WISCONSIN "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".

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.

**PLAN LINE & UTILITY LEGEND**

GAS	○	SANITARY SEWER	— SAN —	STREET LIGHTING	—
ELECTRIC	— E —	STORM SEWER	— STO —	CITY UNDERGROUND CONDUIT	— CUC —
TELEPHONE	— T —	COMBINED SEWER	— CMB —	PROPOSED CURB / PAVT	—
CABLE TELEVISION	— TV —	WATER MAIN	— W —	PAVING LIMITS	X X X X X
FIBER OPTICS	— FO —	WATER SERVICE	— WS —	STRUCTURE / BUILDING	—
PROPOSED UTILITY	—	PRESSURE DISTRICT	— PD —	FENCE	—
POWER POLES	○ CONCRETE	○ ALUMINUM	○ WOOD	WATER MAIN VALVES	— GATE —
UTILITIES	□ TRAFFIC SIGNAL	□ TRAFFIC CONTROL BOX	○ GAS VALVE	HYDRANTS	○ 1 NOZZLE
					○ 3 NOZZLE



**Milwaukee Water Works**  
Department of Public Works

**Water Engineering**

**WATER MAIN**  
IN S. 95TH STREET  
FROM W. BELOIT RD.  
TO 600' S/O W. BELOIT RD.

APPROVED: Patrick W. Pauly, 1-8-16  
DATE: 1-8-16  
CHIEF DESIGN ENGINEER

DESIGNED BY: Mike J. Chaneck, 1-8-16  
DATE: 1-8-16  
SPECIAL DEPUTY COMMISSIONER OF PUBLIC WORKS

PROGRAM NO. 2016-713 CONTRACT NO. C.C. FILE NO. 151289  
PROJECT NO. WT410140664 OFFICIAL NOTICE NO. 15-1-2016 DATE ADOPED 1-19-16

**SHEET NO. 1 OF 1 PLAN FILE NO. 2016010**