

ESTIMATE OF QUANTITIES

FOR BIDDING

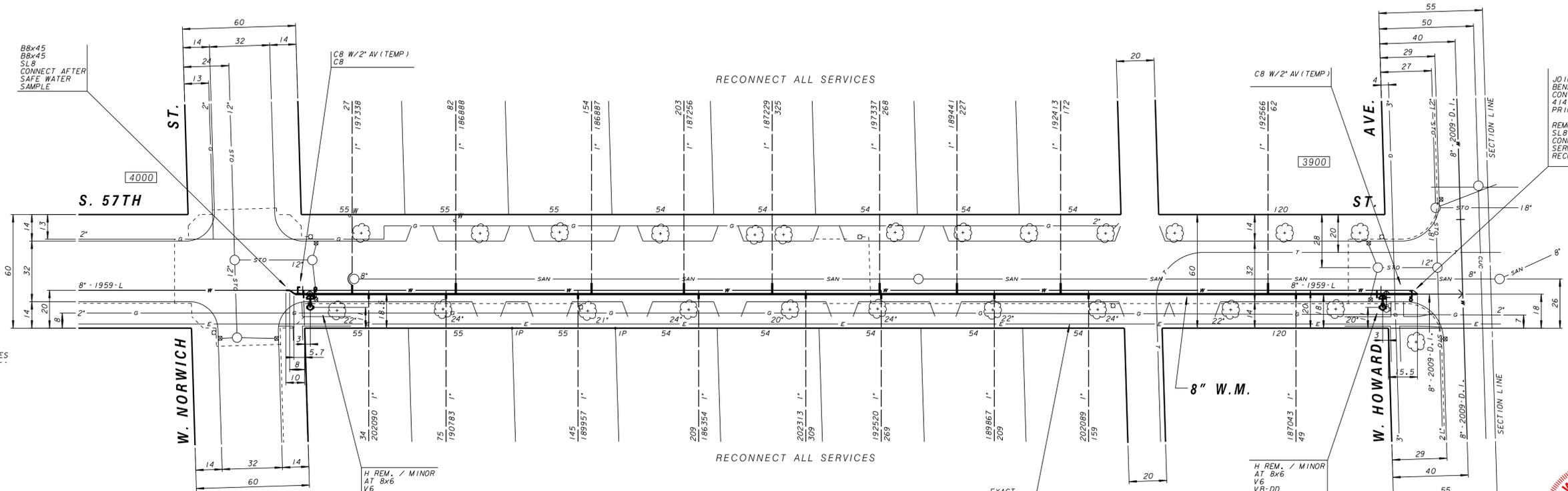
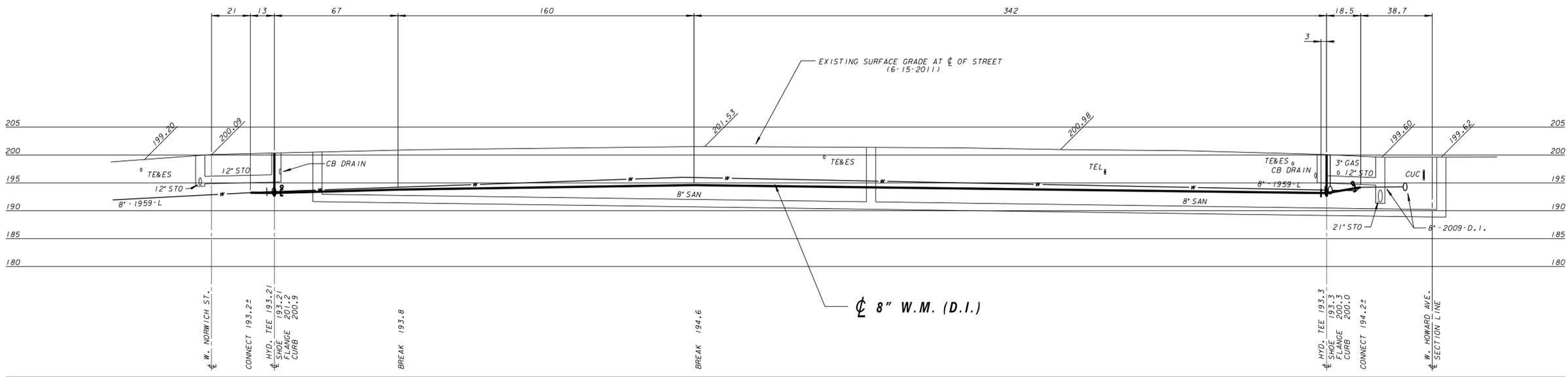
- FURNISH PIPE AND INSTALL
 - (DUCTILE IRON PUSH-ON RUBBER GASKET JOINT)
 - 601 FT. - 8" WATER MAIN
 - 14 FT. - 6" HYDRANT BRANCH
- INSTALL
 - 2 - HYDRANT
- REMOVE
 - 2 - HYDRANT / MINOR
- SERVICES
 - 18 - CONNECT ORIGINAL SERVICE (C.O.S.)
- PERMANENT PAVEMENT
 - 475 SQ. YDS. - 8" CONCRETE (1/4 POINT REPLACEMENT)
- FURNISH AND INSTALL DOWEL BARS
 - 613 BARS
- BARRICADES AND TRAFFIC CONTROL
- LUMP SUM
- SAWCUTTING
 - 620 LIN. FT. - IN CONCRETE (FULL DEPTH)
- FINISHING OF ROADWAY
- LUMP SUM
- FURNISH, INSTALL, AND MAINTAIN EROSION CONTROL
- LUMP SUM
- 425 CU. YDS. EXCESS EXCAVATED MATERIAL

- FOLLOWING IS A LIST OF THE FITTINGS SHOWN ON THIS CONSTRUCTION PLAN THAT WILL BE PROVIDED BY THE CITY.
- 2 - AT 8x6
- 2 - BB-45
- 2 - VB
- 2 - V6
- 4 - VB-DD
- 1 - C8
- 1 - H (8.0)
- 1 - H (7.0)
- 2 - SLB
- 18 - 1" CORPORATION STOP

- PAVEMENT TYPE
- EXISTING PAVEMENT IN THE INTERSECTION OF S. 57TH ST. & W. HOWARD AVE. IS 8" (1984) CONCRETE - PLAIN
- EXISTING PAVEMENT IN S. 57TH ST. IS 7" (1967) CONCRETE - PLAIN
- ABANDONMENT OF WATER MAINS, VALVES, AND HYDRANT BRANCHES
- 5' - 8" 2009-D.I. WATER MAIN
- 595' - 8" 1959-L WATER MAIN
- 2 - HYDRANT
- 2 - 8" VALVE

- FOR START OF PLAN NOTES SEE W. HOWARD AVE., PLAN FILE NO. 2012018
- BENCHMARKS
- N.W. CORNER OF 3RD CONCRETE RISER @ 3920 S. 57TH ST. ELEVATION - 204.45
- HYD. - N.E. CORNER OF S. 57TH ST. & W. NORWICH ST. ELEVATION - 202.29

- 21
- 13
- 67
- 160
- 342
- 18.5
- 38.7



- TRAFFIC PROVISIONS
- MAINTAIN TWO WAY TRAFFIC.
- USE "TEMP NO PARKING ANYTIME" SIGNS ON THE EAST SIDE.
- USE "TEMP NO PARKING 7AM TO 5PM" SIGNS ON THE WEST SIDE.
- PAVEMENT MARKINGS MUST BE RETURNED TO ORIGINAL MATERIAL AND CONDITION.

- HYDRANT PERMITS
- A \$65.00 HYDRANT PERMIT/USE FEE WILL BE PART OF THE HYDRANT USE PERMIT. THIS FEE IS PER HYDRANT PER WEEK.
- IT IS THE INTENTION OF THE CITY OF MILWAUKEE TO METER AND RECORD ALL WATER USE ON THIS CONTRACT. THE CONTRACTOR MUST OBTAIN A HYDRANT PERMIT FOR THIS CONTRACT WHICH INCLUDES THE REQUIREMENT OF A METER TO MEASURE WATER USAGE. THIS PERMIT CAN BE OBTAINED FROM THE CITY'S DEVELOPMENT CENTER LOCATED AT 809 N. BROADWAY.
- IF IT IS FOUND THAT THE CONTRACTOR IS NOT FOLLOWING THE STANDARD HYDRANT PERMIT USE RULES, THE CITY OF MILWAUKEE WILL TAKE NORMAL ENFORCEMENT ACTION.

- MILWAUKEE WATER WORKS ONLY PROJECTS ISSUED THROUGH DPW
- THE PERMIT REQUIRES THE CONTRACTOR TO PLACE A REFUNDABLE \$675.00 DEPOSIT FOR EACH METER TO BE USED. THE CONTRACTOR WILL NOT BE REQUIRED TO PAY \$325.00 FOR THE SETUP OF THE METER. THE \$65.00 HYDRANT PERMIT/USE FEE WILL BE WAIVED BY THE UTILITY. THE CONTRACTOR WILL NOT BE CHARGED FOR THE VOLUME OF WATER USED.

- QUESTIONS, ARRANGING INSTALLATIONS, AND READINGS
- MWW METER SERVICES DISPATCHER, 414-286-2865
- MR. TIM GARCZYNSKI, WATER METER PROJECT MANAGER, 414-286-8119

STREET LIGHTING NOTE

STREET LIGHTING HAS PIPES AND CABLES CROSSING WITHIN THE PROJECT LIMITS. THESE PIPES AND CABLES SHALL BE SUPPORTED IF OPEN CUT TRENCHING IS USED. DAMAGES SHALL BE REPORTED TO THE STREET LIGHTING SHOP AT 414-286-3481.

IF THE CONTRACTOR CANNOT WORK AROUND THE STREET LIGHTING CABLES NEAR THE PROPOSED HYDRANTS, A \$750 FEE PER LOCATION WILL BE REQUIRED TO HAVE A SLACK LOOP INSTALLED. CONTRACTOR SHALL CONTACT DENNIS MILLER AT 414-286-5942, TEN (10) WORKING DAYS IN ADVANCE.

IF THERE ARE ANY IMPACTS TO CITY OF MILWAUKEE STREET LIGHTING EQUIPMENT, THE CONTRACTOR SHALL CONTACT ENG-KIE LEE IN ENGINEERING AT 414-286-2174 FOR NECESSARY ALTERATIONS.

CALL DIGGERS HOTLINE 1-800-242-8511

TOLL FREE TO OBTAIN LOCATION OF UNDERGROUND BEFORE YOU DIG. WISCONSIN STATUTE (82.015) REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE

NO.	BY	REVISION	DATE

PLAN LINE & UTILITY LEGEND

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

Milwaukee Water Works
Department of Public Works

Water Engineering

WATER MAIN

S. 57TH ST.
W. HOWARD AVE.
W. NORWICH ST.

APPROVED _____ DATE _____

IN SCALE HORIZONTAL 1" = 30'
FROM VERTICAL 1" = 10'
TO

14 SEC. NO. 573

PLAN DATE 1-4-12

DRAWN BY S. MILLER

CHECKED BY K.S.R.

SURVEY BY CONST. SECTION

PROGRAM NO. 2010-653 CONTRACT NO. C.C. FILE NO. 100961

WORK ORDER WT410101053 D.W. & PROJECT NO. 12-54-1 DATE ADDED 12-21-10

SHEET NO. 1 OF 1 PLAN FILE NO. 2012019