ESTIMATE OF QUANTITIES

FOR BIDDING

FURNISH PIPE AND INSTALL

(DUCTILE IRON PUSH-ON RUBBER GASKET JOINT)

201 FT. - 6" WATER MAIN

SERVICES

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

PERMANENT PAVEMENT

150 SQ. YDS. - 8" CONCRETE (1/4 POINT REPLACEMENT)

FURNISH AND INSTALL DOWEL BARS

205 BARS

BARRICADES AND TRAFFIC CONTROL

LUMP SUM

SAWCUTTING

255 LIN. FT. - IN CONCRETE (FULL DEPTH)

FINISHING OF ROADWAY

LUMP SUM

FURNISH, INSTALL, AND MAINTAIN EROSION CONTROL

LUMP SUM

110 CU. YDS. EXCESS EXCAVATED MATERIAL

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

1 - B6-22 1/2
1 - OFS 6x18
1 - V6
1 - VB-DD W/ 18"EXT
1 - SL6

6 - 1" CORPORATION STOP

PAVEMENT TYPE

EXISTING PAVEMENT IN S. 61ST ST. IS 8" (1955) CONCRETE - REINFORCED

ABANDONMENT OF WATER MAINS, VALVES, AND HYDRANT BRANCHES

192' - 6"-1952-L WATER MAIN

FOR START OF PLAN NOTES SEE S. 66TH ST., SHEET 1 OF 2, PLAN FILE NO. 2013040.

TRAFFIC PROVISIONS

MAINTAIN TWO WAY TRAFFIC.

USE TEMPORARY "NO PARKING ANY TIME" SIGNS ON THE EAST SIDE.

USE TEMPORARY "NO PARKING 7AM-5PM" SIGNS ON THE WEST SIDE.

PAVEMENT MARKINGS MUST BE RETURNED TO ORIGINAL MATERIAL AND CONDITION.

PLEASE CONTACT TRAFFIC ENGINEERING AT 286-3632 FOR THE INSTALLATION OF TEMPORARY "NO PARKING" SIGNS OR IF THERE ARE ANY QUESTIONS CONCERNING THESE COMMENTS.

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".

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.

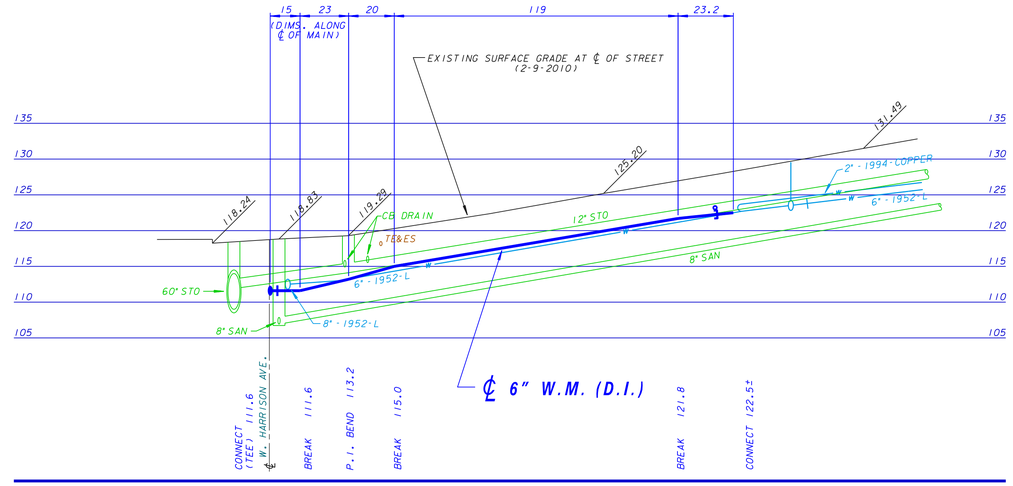
IF THERE ARE ANY IMPACTS TO CITY OF MILWAUKEE STREET LIGHTING EQUIPMENT, THE CONTRACTOR SHALL CONTACT ENG-KIE LEE IN ENGINEERING AT 414-286-2174 FOR NECESSARY ALTERATIONS.

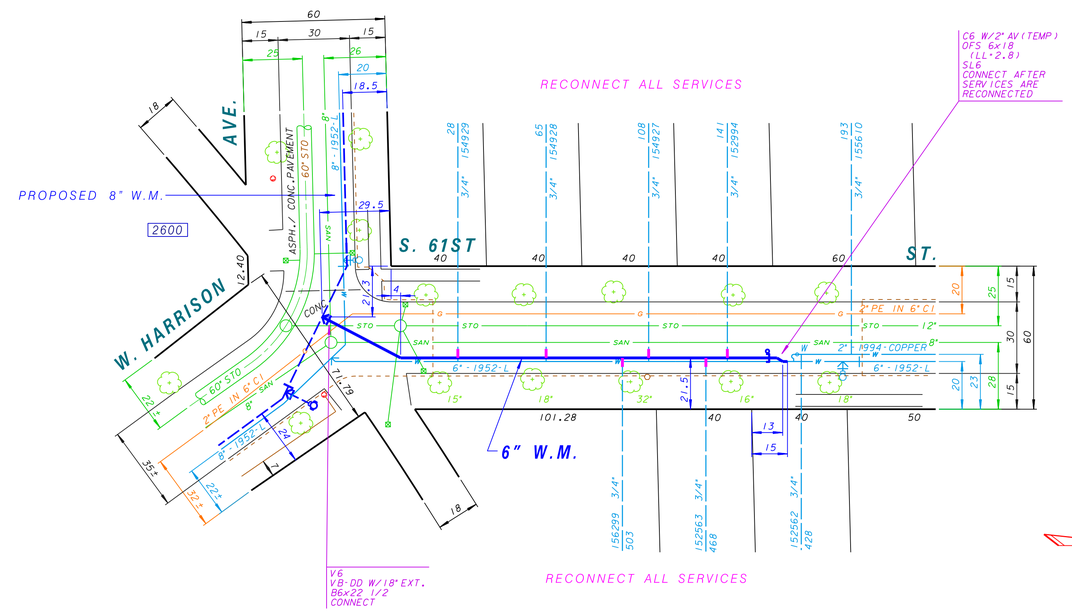
BENCHMARKS

STANDARD BENCHMARK @ S.W. CORNER OF BRIDGE@ S.E. CORNER OF S. 60TH ST. & W. CLEVELAND AVE.
ELEVATION 119.10

N.W. CORNER OF CONCRETE STOOP @ 2610 S. 62ND ST.
ELEVATION 124.25

HYD. - N.W. CORNER OF S. 61ST ST. & W. HARRISON AVE.
ELEVATION 121.68





PLAN LINE & UTILITY LEGEND

GAS	G	SANITARY SEWER	SAN	STREET LIGHTING	
ELECTRIC	E	STORM SEWER	STO	CITY UNDERGROUND CONDUIT	CUC
TELEPHONE	T	COMBINED SEWER	CMB	PROPOSED CURB / PVMT	
CABLE TELEVISION	TV	WATER MAIN	W	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 - SERVICE

UTILITIES - TRAFFIC SIGNAL - TRAFFIC CONTROL BOX - GAS VALVE **HYDRANTS** - 1 NOZZLE - 3 NOZZLE

NO.	BY	REVISION	DATE

Milwaukee Water Works — **Water Engineering** Department of Public Works

WATER MAIN

IN: S. 61ST ST.
FROM: 160' N/O W. HARRISON AVE.
TO: W. HARRISON AVE.

		APPROVED	DATE
SCALE	HORIZONTAL 1" = 30' VERTICAL 1" = 10'		
1/4 SEC. NO. 490			5-3-13 PLANS DESIGN ENGINEER
PLAN DATE 4-26-10			5-3-13 CHIEF DESIGN ENGINEER
DRAWN BY S. MILLER			5-3-13 SPECIAL DEPUTY COMMISSIONER OF PUBLIC WORKS
CHECKED BY P.W.P.			
SURVEY BY CONST. SECTION			

PROGRAM NO. 2013-686	CONTRACT NO.	C.C. FILE NO. 121553	
WORK ORDER WT410101036	O.N. & PROJECT NO. 13-87-1	DATE ADOPTED 3-19-13	

SHEET NO. 1 OF 1 PLAN FILE NO. 2013044

WISCONSIN MARK SCHUELLER E-32304 MILWAUKEE, PROFESSIONAL ENGINEER