

ESTIMATE OF QUANTITIES

FOR BIDDING

FURNISH PIPE AND INSTALL

(DUCTILE IRON PUSH-ON RUBBER GASKET JOINT)

- 635 FT. - 12" WATER MAIN
- 14 FT. - 8" WATER MAIN
- 14 FT. - 6" HYDRANT BRANCH

INSTALL

2 - HYDRANT

REMOVE

2 - HYDRANT / MINOR

SERVICES

16 - CONNECT ORIGINAL SERVICE (C.O.S.)

PERMANENT PAVEMENT

370 SQ. YDS. - 8" CONCRETE

FURNISH AND INSTALL DOWEL BARS

665 BARS

CURB AND CUTTER

525 LIN. FT. - CONCRETE

BARRICADES AND TRAFFIC CONTROL

LUMP SUM

SAWCUTTING

665 LIN. FT. - IN CONCRETE

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 12x6
- 2 - B12-45
- 1 - B8-45
- 2 - BV12
- 2 - V6
- 4 - VB-DD
- 4 - VALVE BOX 18" EXT.
- 1 - C12
- 1 - H (8.0)
- 1 - H (7.5)
- 1 - SL12
- 1 - RED 12x8 (2B)

PAVEMENT TYPE

EXISTING PAVEMENT IN THE INTERSECTION OF W. CARMEN AVE. & N. 84TH ST. IS 8" (1965) REINFORCED CONCRETE.

EXISTING PAVEMENT IN N. 84TH ST. IS 7" (1964) CONCRETE.

ABANDONMENT OF WATER MAINS, VALVES AND HYDRANTS

- 4 FT. - 12" - 1963-R WATER MAIN
- 640 FT. - 12" - 1958-R WATER MAIN
- 6 FT. - 8" - 2005-D.I. WATER MAIN
- 1 FT. - 8" - 1958-L WATER MAIN
- 48 FT. - 6" - 1963-R WATER MAIN
- 2 - HYDRANT

BENCHMARKS

STD BM 66-051 - S.W. CORNER OF N. 84TH ST. & W. FLORIST AVE. (9" S/O S. CURB & 25' W/O W. CURB OF N. 84TH ST.) ELEV. 175.196

HYD. - S.E. CORNER OF N. 84TH ST. & W. BOBOLINK AVE. (N.W. BOLT) ELEV. 170.268

S.W. CORNER OF FIRST CONCRETE RISER #5834-36 N. 84TH ST. ELEV. 163.267

HYD. - N.E. CORNER OF N. 84TH ST. & W. CARMEN AVE. (N.W. BOLT) ELEV. 159.305

PLAN LINE & UTILITY LEGEND

GAS	G	SANITARY SEWER	SAN	STREET LIGHTING	---
ELECTRIC	E	STORM SEWER	STO	CITY UNDERGROUND CONDUIT	CUC
TELEPHONE	T	COMBINED SEWER	CS	PROPOSED CURB / PVMT	CUC
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	X
POWER POLES	○	CONCRETE	○	ALUMINUM	○
	○	WOOD	○	WATER MAIN VALVES	+
	+	GATE	+	BUTTERFLY	○
	○	WATER SERVICE	○	UTILITIES	⊗
	⊗	TRAFFIC SIGNAL	⊗	TRAFFIC CONTROL BOX	⊗
	⊗	GAS VALVE	⊗	HYDRANTS	○
	○	1 NOZZLE	○	3 NOZZLE	○

FOR START OF PLAN NOTES SEE N. 80TH ST., SHEET 1 OF 1, PLAN FILE NO. 2016014.

TRAFFIC PROVISIONS

USE NO PARKING ANYTIME ON EAST SIDE OF N. 84TH ST.
USE NO PARKING 7AM TO 5PM ON WEST SIDE OF N. 84TH ST.
MAINTAIN TWO WAY TRAFFIC.

PAVEMENT MARKINGS MUST BE RETURNED TO ORIGINAL MATERIAL AND CONDITION.

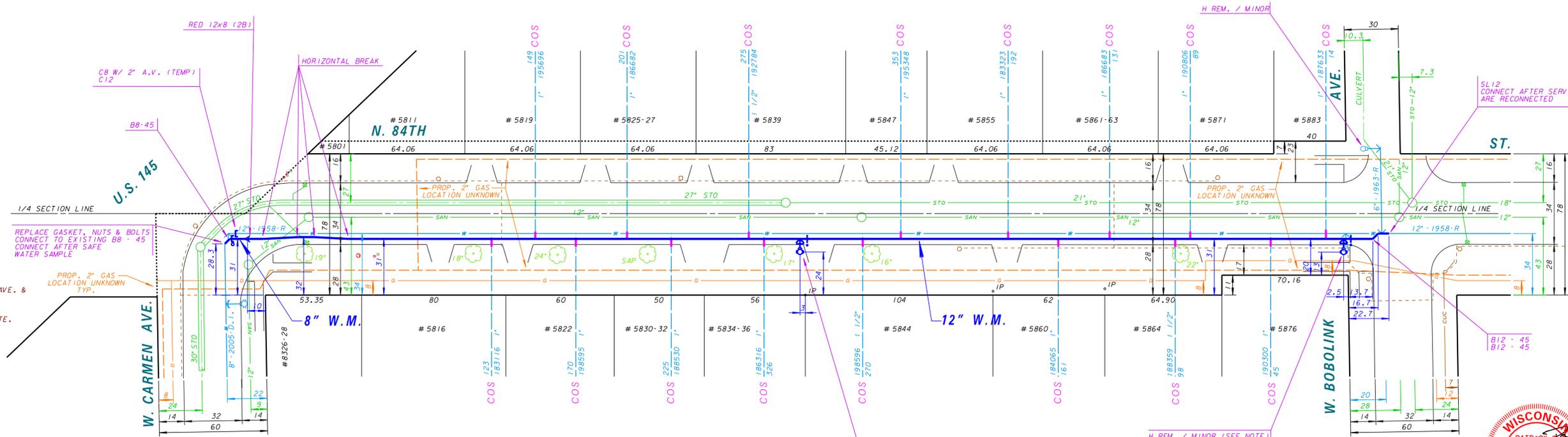
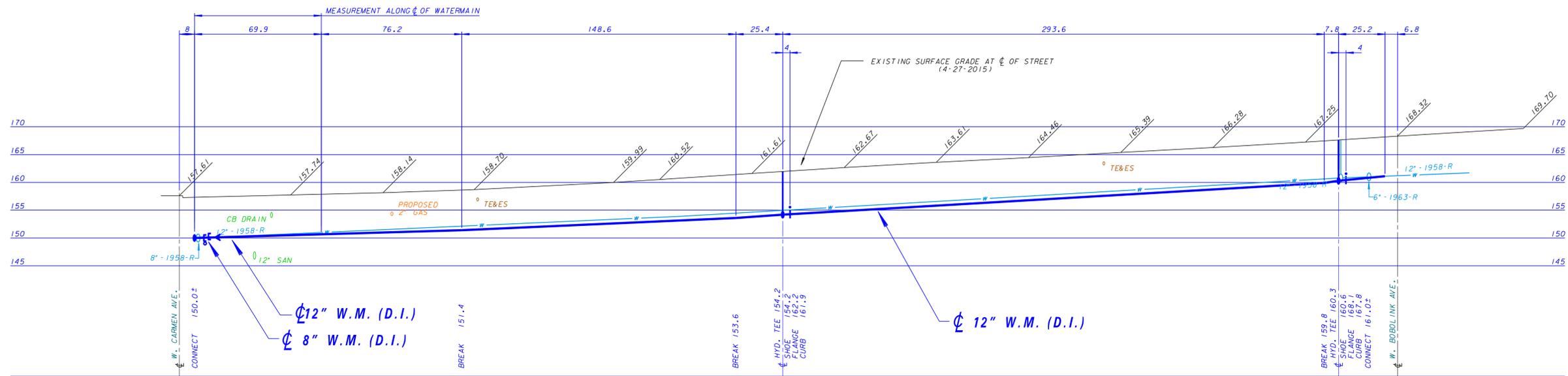
PROVIDE SEVEN (7) DAYS ADVANCED NOTICE TO TRAFFIC ENGINEERING AT 286-3632 FOR THE INSTALLATION OF TEMPORARY "NO PARKING" SIGNS OR IF THERE ARE ANY QUESTIONS CONCERNING THESE COMMENTS.

IF TRAFFIC OR STREET SIGNS ARE TAKEN DOWN DURING CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL CONTACT MR. MIKE CHANESKE 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 V1 OF THE STATE OF WISCONSIN "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".

H. REM/MINOR NOTE

FOR THE HYDRANT REMOVE/MINOR LOCATED AT THE SOUTHEAST CORNER OF N. 84TH ST. & W. BOBOLINK AVE., CONTRACTOR SHALL REMOVE AND RETURN THE 2011 MUELLER HYDRANT TO MWW STORES. ALL ASSOCIATED COSTS FOR THIS WORK SHALL BE INCLUDED IN THE UNIT BID PRICE FOR HYDRANT REMOVE/MINOR.



Milwaukee Water Works		Water Engineering	
Department of Public Works		Department of Public Works	
WATER MAIN			
N. 84TH ST.			
W. CARMEN AVE.			
W. BOBOLINK AVE.			
IN	DATE	APPROVED	DATE
FROM	2-10-16	<i>Patrick W. Tudy</i>	2-10-16
TO	11-11-15	<i>Mark J. Schell</i>	2-10-16
SCALE	HORIZONTAL 1" = 30'	SPECIAL DEPUTY COMMISSIONER OF PUBLIC WORKS	
	VERTICAL 1" = 10'	PROGRAM NO. 2016-621 CONTRACT NO. C.C. FILE NO. 151289	
		PROJECT NO. WT410160621 OFFICIAL NOTICE NO. 33-1-2016 DATE ADOPED 1-19-16	
SHEET NO. 1 OF 1 PLAN FILE NO. 2016015			

CALL DIGGERS HOTLINE 1-800-242-8511
TOLL FREE TO OBTAIN LOCATION OF UNDERGROUND BEFORE YOU DIG. WISCONSIN STATUTE 182.0715 REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE

NO.	BY	REVISION	DATE