

ESTIMATE OF QUANTITIES

FOR BIDDING

FURNISH PIPE AND INSTALL

(DUCTILE IRON PUSH-ON RUBBER GASKET JOINT)

681 FT. - 8" WATER MAIN
18 FT. - 6" HYDRANT BRANCH

INSTALL

2 - HYDRANT

REMOVE

2 - HYDRANT / MINOR

SERVICES

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

PERMANENT PAVEMENT

405 SQ. YDS. - 4" ASPHALT

CURB AND GUTTER

6 LIN. FT. - CONCRETE

BARRICADES AND TRAFFIC CONTROL

LUMP SUM

SAWCUTTING

730 LIN. FT. - IN ASPHALT

FINISHING OF ROADWAY

LUMP SUM

FURNISH, INSTALL, AND MAINTAIN EROSION CONTROL

LUMP SUM

530 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 - V8
 - 2 - V6
 - 3 - VB-DD
 - 1 - VB-D
 - 4 - VALVE BOX 18" EXT.
 - 1 - H (7.5)
 - 1 - H (8.5)
 - 3 - BB-11 1/4
 - 2 - BB-45
 - 1 - SL8
- 8 - 1" CORPORATION STOP

PAVEMENT TYPE

EXISTING PAVEMENT IN N. STRATHMORE AVE. IS 2.5" ASPHALT

EXISTING PAVEMENT IN W. SHERIDAN AVE. IS 2.5" ASPHALT

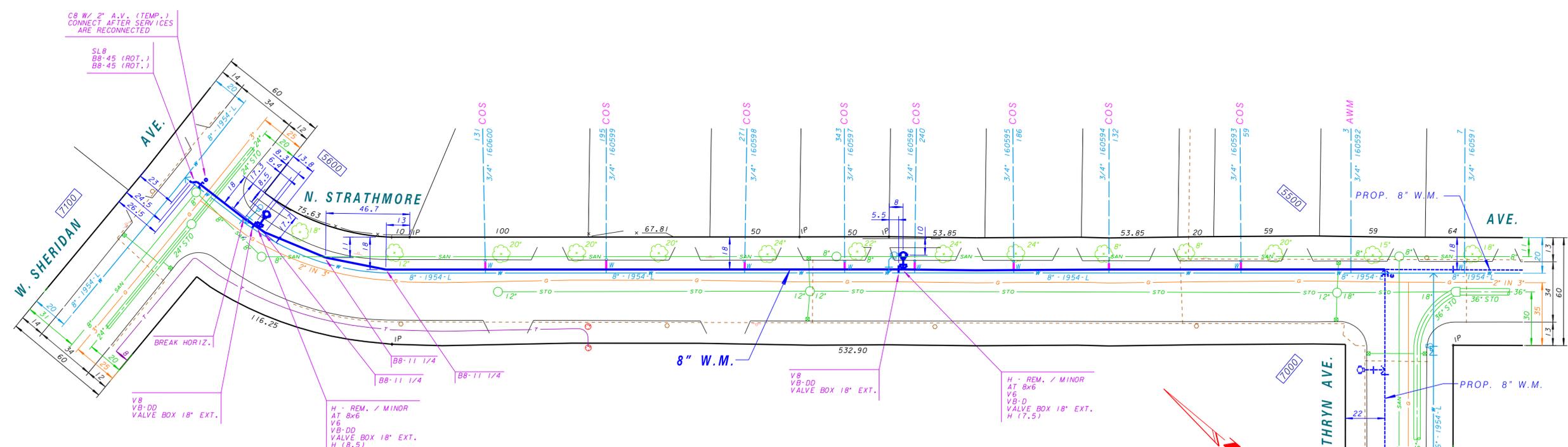
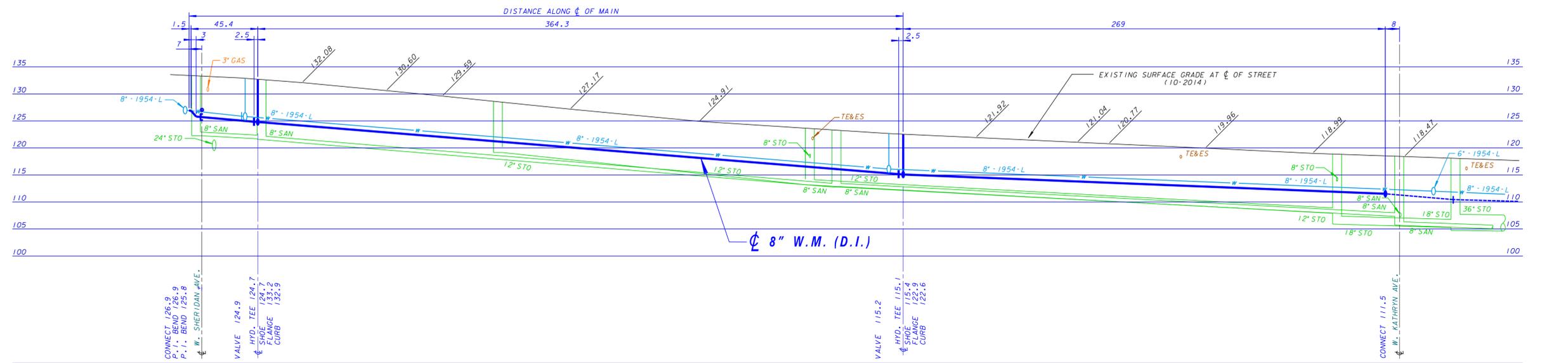
EXISTING PAVEMENT IN W. KATHRYN AVE. IS 2.5" ASPHALT

ABANDONMENT OF WATER MAINS, VALVES, AND HYDRANT BRANCHES

- 681' - 8" 1954-L WATER MAIN
- 2 - HYDRANT
- 1 - 8" VALVE

BENCHMARK

FOR START OF PLAN NOTES, SEE N. STRATHMORE AVE., SHEET 1 OF 2, PLAN FILE NO. 2015012.



GENERAL NOTES (CONTINUED)

RESIDENT / BUSINESS NOTIFICATION

WITHIN TEN (10) BUSINESS DAYS OF THE AWARD OF THIS CONTRACT, THE CONTRACTOR SHALL MAIL A NOTICE OF THE PROJECT TO THE CITY OF MILWAUKEE CONSTRUCTION SECTION AT 841 N. BROADWAY, ROOM 710, MILWAUKEE, WI 53202 FOR REVIEW AND APPROVAL. WITHIN FIVE (5) BUSINESS DAYS OF APPROVAL, THE CONTRACTOR SHALL MAIL THE PROJECT NOTICE TO ALL AFFECTED AREA RESIDENTS AND BUSINESSES AND INCLUDE ANY INFORMATION DEEMED NECESSARY FOR THE SUCCESSFUL PERFORMANCE OF THE CONTRACT.

IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ALL NOTICES ARE CONVEYED TO THE PUBLIC REGARDING THIS PROJECT. A MILWAUKEE WATER WORKS SAMPLE NOTICE IS INCLUDED IN THE CONTRACT DOCUMENTS. THE ENTIRE COST OF THIS WORK SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR BARRICADES AND TRAFFIC CONTROL. CONTRACT WORK SHALL NOT START PRIOR TO COMPLETING THE NOTICE REQUIREMENT. ANY DELAY IN CONTRACT COMPLETION AS A RESULT OF NON-COMPLIANCE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

PROJECT IDENTIFICATION

THE CONTRACTOR SHALL POST CITY OF MILWAUKEE PROJECT IDENTIFICATION ("BLUE") SIGNS AS DIRECTED ON EACH PROJECT IN THIS CONTRACT. THE CITY OF MILWAUKEE CONSTRUCTION SECTION WILL PROVIDE BLANK SIGNS FOR THE CONTRACTOR TO FILL IN CONTACT INFORMATION AND POST. THE ENTIRE COST OF THIS WORK SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR BARRICADES AND TRAFFIC CONTROL.

LOCAL CONSTRUCTION COORDINATION

IT HAS BEEN DETERMINED THAT THE FOLLOWING LOCATIONS MAY BE IMPACTED BY CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL NOTIFY THEM PRIOR TO ANY CONSTRUCTION ACTIVITY TO COORDINATE ANY IMPACTS THE CONSTRUCTION MAY HAVE ON ACCESS.

MILWAUKEE ACHIEVER CENTER, 5566 N. 69TH ST., (414) 463-7389; HOLLY MCCOY (414) 308-1102; TAMMY KNUTSON (414) 755-3903).

BLESSED SAVIOR CATHOLIC SCHOOL, 5501 N. 68TH ST.; TRACEY MARCHEWKA, PRINCIPAL, (414) 313-5400.

ST. VINCENT DE PAUL, 5558 N. 69TH ST.; JOHN HENRY, DIRECTOR OF ADMINISTRATION, (414) 464-5033.

MILWAUKEE POLICE DEPARTMENT DISTRICT 4 STATION / MILWAUKEE FIRE DEPARTMENT ENGINE HOUSE 8, 6929 W. SILVER SPRING DR.; CAPTAIN VICTOR BECHER, (414) 935-7240.

NO LEAD BRASS NOTE

IN ACCORDANCE WITH SENATE BILL 3874, EFFECTIVE AS OF JANUARY 4, 2014, ALL BRASS PRODUCTS USED TO COMPLETE THE WATER MAIN PROJECT, SHALL BE "LEAD FREE".

SAFE DRINKING WATER LOAN PROGRAM

THE CITY OF MILWAUKEE HAS APPLIED FOR FUNDING FOR ALL PROJECTS IN THIS CONTRACT THROUGH THE SAFE DRINKING WATER LOAN PROGRAM (SDWLP) ADMINISTERED BY THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES.

THIS CONTRACT IS SUBJECT TO THE DAVIS-BACON COMPLIANCE PROVISIONS. PLEASE SEE CONTRACT DOCUMENTS FOR ADDITIONAL INFORMATION. THE CONTRACTOR SHALL USE THE HIGHER WAGE RATE TABLE BETWEEN THE PREVAILING WAGE RATE ISSUED BY THE STATE OF WISCONSIN AND THE DAVIS-BACON WAGE RATE TABLES AS ISSUED BY THE U.S. DEPARTMENT OF LABOR WAGE AND HOUR DIVISION.

ALL IRON AND STEEL PRODUCTS PROVIDED BY THE CONTRACTOR SHALL BE PRODUCED IN THE UNITED STATES AND COMPLY WITH THE AMERICAN IRON AND STEEL REQUIREMENT (AISI). CONTRACTOR TO PROVIDE AIS CERTIFICATION FOR ALL IRON AND STEEL PRODUCTS SUPPLIED FOR THIS CONTRACT.

TRAFFIC PROVISIONS

USE NO PARKING ANYTIME ON EAST SIDE OF N. STRATHMORE AVENUE.

USE NO PARKING 7AM TO 5PM ON WEST SIDE OF N. STRATHMORE AVENUE.

MAINTAIN TWO WAY TRAFFIC.

DO NOT IMPEDE TRAFFIC IN W. SHERIDAN AVENUE.

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.

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 414-286-5944.

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.

C.O.S. NOTE

TAPS REQUIRED FOR RE-CONNECTING SERVICES SHALL BE MADE BY THE CONTRACTOR. TAPS SHALL BE MADE AND CORPORATION STOPS INSTALLED PRIOR TO PRESSURE TEST. ALL COSTS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR CONNECT ORIGINAL SERVICE.

CONTRACTOR SHALL FIELD LOCATE USING A PIPE LOCATOR, SIMILAR TO A RIGID PIPE LOCATOR. ALL BRANCHES AND SERVICES PRIOR TO TAPPING NEW WATER MAIN. ALL COSTS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR CONNECT ORIGINAL SERVICE.

ABANDONMENT OF VALVE BOXES

IN ACCORDANCE WITH SECTION 5.14.5 OF THE CITY OF MILWAUKEE "WATER MAIN INSTALLATION SPECIFICATIONS", WHEN VALVES OR CURB STOPS ARE TO BE ABANDONED, THE CONTRACTOR SHALL REMOVE ONLY THE TOP SECTION OF THE VALVE OR SERVICE BOX AND BACKFILL THE REMAINING HOLE WITH GRAVEL. ALL VALVE AND CURB STOP BOXES ON MAINS ABANDONED AS PART OF THE CONTRACT SHALL BE ABANDONED IN THIS MANNER. THE ABANDONMENT SHALL INCLUDE ALL NECESSARY PAVEMENT OR SOD REPLACEMENT.

VALVE NOTE

CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL NEW WATER MAIN, HYDRANT AND BRANCH VALVES ARE IN THE OPEN POSITIONS FOLLOWING THE FINAL WET CONNECTION. ALL CITY OF MILWAUKEE VALVES ARE OPEN RIGHT "CLOCKWISE".

PLAN LINE & UTILITY LEGEND			
GAS	g	SANITARY SEWER	SAN
ELECTRIC	e	STORM SEWER	STO
TELEPHONE	t	COMBINED SEWER	CMB
CABLE TELEVISION	tv	WATER MAIN	W
FIBER OPTICS	f	WATER SERVICE	WS
PROPOSED UTILITY	po	PRESSURE DISTRICT	PD
POWER POLES	o	CONCRETE	o
	o	ALUMINUM	o
	o	WOOD	o
UTILITIES	o	TRAFFIC SIGNAL	o
	o	TRAFFIC CONTROL BOX	o
	o	GAS VALVE	o
	o	HYDRANTS	o
	o	NOZZLE	o
	o	3 NOZZLE	o
	o	GATE	o
	o	BUTTERFLY	o
	o	W-SERVICE	o
	o	CITY UNDERGROUND CONDUIT	o
	o	PROPOSED CURB / PAVT	o
	o	PAVING LIMITS	o
	o	STRUCTURE / BUILDING	o
	o	FENCE	o

CALL DIGGERS HOTLINE
1-800-242-8511
CALL FREE TO OBTAIN LOCATION OF UNDERGROUND BEFORE YOU DIG. WISCONSIN STATUTE 48.0515 REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE

BLOOM COMPANIES, LLC
Infrastructure Innovation and Ingenuity
10501 W. Research Drive • Milwaukee, WI 53226
Phone: (414) 771-3390

NO.	BY	REVISION	DATE
1	TAM	M.W.W. REVIEW	1-26-15

WISCONSIN
JONATHAN D. STEINBACH
E-35328
MILWAUKEE
PROFESSIONAL ENGINEER

Milwaukee Water Works Water Engineering
Department of Public Works

WATER MAIN

N. STRATHMORE AVENUE
W. HERBERT AVE.
W. SHERIDAN AVE.

IN FROM TO

SCALE: HORIZONTAL 1" = 30'
VERTICAL 1" = 10'

14 SEC. NO. 188

PLAN DATE 10-28-14

CHECKED BY J.D.S.

SURVEY BY EMCS, INC.

PROGRAM NO. 2015-663
PROJECT NO. WT410150663

CONTRACT NO. 35-1-2015
OFFICIAL NOTICE NO. 35-1-2015

C.C. FILE NO. 141515
DATE ADOPED 2-10-15

SHEET NO. 2 OF 2 PLAN FILE NO. **2015013**