

ESTIMATE OF QUANTITIES

FOR BIDDING

- FURNISH PIPE AND INSTALL
- (DUCTILE IRON PUSH-ON RUBBER GASKET JOINT)
- 505 FT. - 8" WATER MAIN
- REMOVE
- 1" HYDRANT / MINOR
- SERVICES
- 15 - CONNECT ORIGINAL SERVICE (C.O.S. - SHORT)
- PERMANENT PAVEMENT
- 20 SQ. YDS. - 8" CONCRETE (7' REPLACEMENT WIDTH)
- 260 SQ. YDS. - 4" ASPHALT
- CURB AND GUTTER
- 12 LIN. FT. (CONCRETE)
- FURNISH AND INSTALL DOWEL BARS
- 32 BARS
- BARRICADES AND TRAFFIC CONTROL
- LUMP SUM

- SAWCUTTING
- 66 LIN. FT. - IN CONCRETE (FULL DEPTH)
- 529 LIN. FT. - IN ASPHALT (FULL DEPTH)

FINISHING OF ROADWAY

- LUMP SUM
- FURNISH, INSTALL, AND MAINTAIN EROSION CONTROL
- LUMP SUM
- 389 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 - V8
- 1 - VB-D
- 1 - VALVE BOX 18" EXT.
- 1 - SLB
- 15 - 1" CORPORATION STOP

PAVEMENT TYPE

- EXISTING PAVEMENT IN W. FAIRMOUNT AVE. IS 2.5" ASPHALT (1965)
- EXISTING PAVEMENT IN N. 104TH ST. IS 2.5" ASPHALT (1965)
- EXISTING PAVEMENT IN N. 105TH ST. IS 7" CONCRETE (1967)

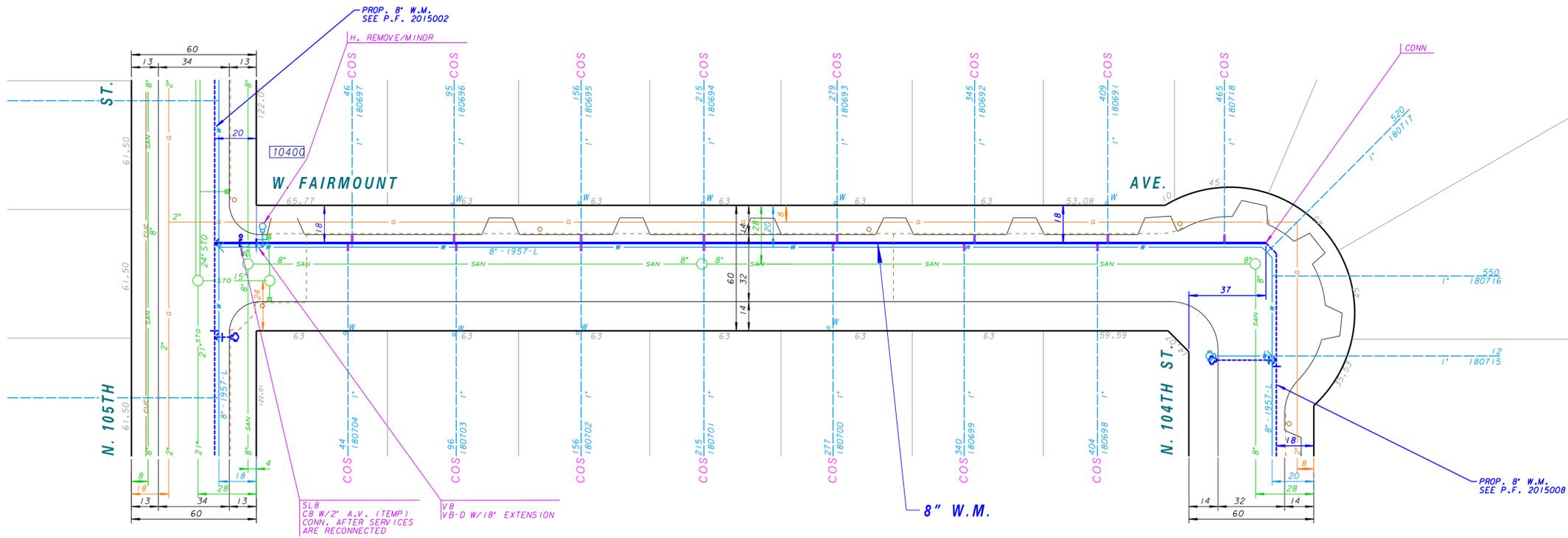
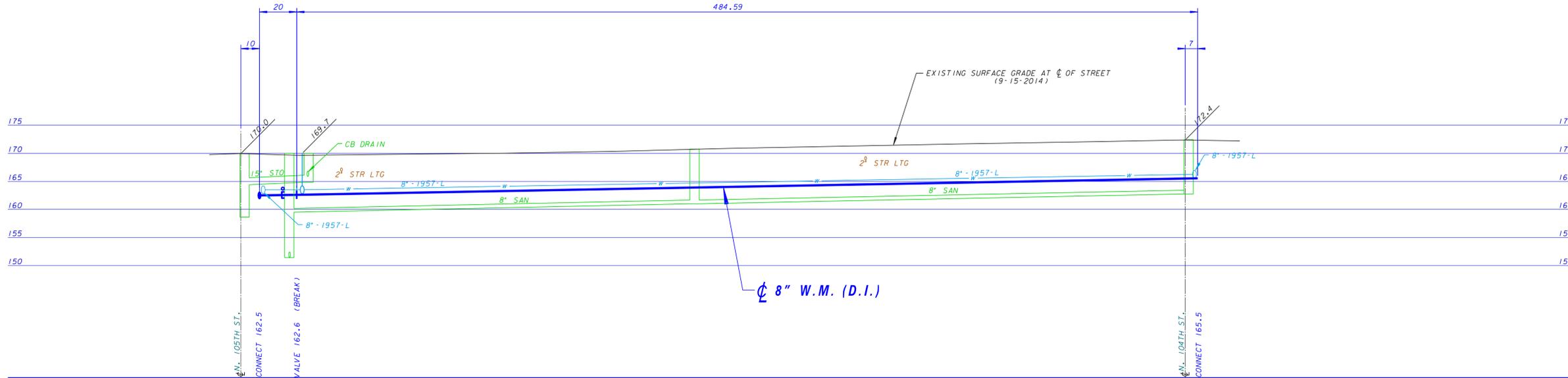
ABANDONMENT OF WATER MAINS, VALVES, AND HYDRANT BRANCHES

- 50' - 8" - 1957-L WATER MAIN
- 1 - 8" VALVE
- 1 - HYDRANT

FOR START OF PLAN NOTES, SEE N. 105TH ST., PLAN FILE NO. 2015001

BENCHMARKS

- HYDRANT - N/E COR N. 105TH - ELEV+ 171.09
- HYDRANT - S/W COR N. 104TH - ELEV+ 174.26



TRAFFIC PROVISIONS

MAINTAIN ACCESS.

TEMPORARY NO PARKING ANY TIME NORTH SIDE W FAIRMOUNT AVE.

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 414-286-3015.

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.

TRAFFIC SIGNAL NOTE

IF THERE ARE ANY IMPACTS TO CITY OF MILWAUKEE TRAFFIC SIGNAL EQUIPMENT, THE CONTRACTOR SHALL CONTACT SIGNAL ENGINEERING AT 414-286-5162 FOR NECESSARY ALTERATIONS. A FIVE WORKING DAY NOTICE IS REQUIRED. REPORT DAMAGE TO THE SIGNAL SHOP AT 414-286-3687.

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 —
					— BUTTERFLY —
					○ SERVICE
UTILITIES	□ TRAFFIC SIGNAL	□ TRAFFIC CONTROL BOX	○ GAS VALVE	HYDRANTS	○ 1 NOZZLE
					○ 3 NOZZLE

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

Milwaukee Water Works Department of Public Works	
WATER MAIN W. FAIRMOUNT AVE. N. 104TH ST. TO N. 105TH ST.	
SCALE HORIZONTAL 1" = 30' VERTICAL 1" = 10'	APPROVED DATE Richard W. Blauvelt 1-21-15 SPECIAL DEPUTY COMMISSIONER OF PUBLIC WORKS
PLAN DATE 1-16-15 DRAWN BY MJP CHECKED BY RWB SURVEY BY OTIE, LLC.	DATE ADDED 1-21-15 SPECIAL DEPUTY COMMISSIONER OF PUBLIC WORKS
PROGRAM NO. 2015-680 PROJECT NO. WT410150680	CONTRACT NO. OFFICIAL NOTICE NO. 28-1-2015 C.C. FILE NO. 141400 DATE ADDED 1-21-15
SHEET NO. 1 OF 1 PLAN FILE NO. 2015007	

