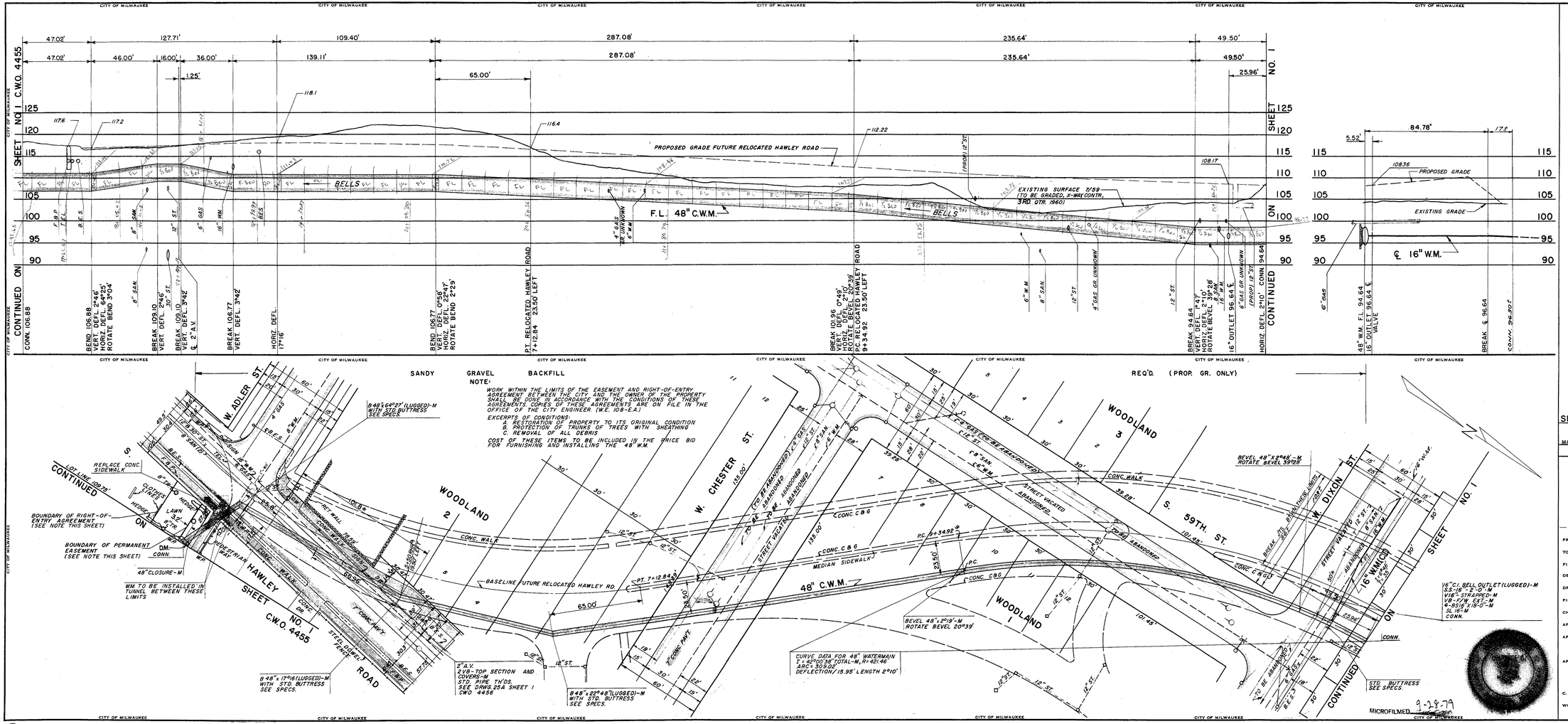

ESTIMATE OF QUANTITIES

A. FURNISH AND INSTALL
856 FT. OF 48" WATER MAIN (CONC)/W. GASKETS

B. INSTALL
1-16" VALVE
8 FT. OF 1" LEAD SERVICE
20 FT. OF SAN. HSE. LATERALS
107 FT. OF 16" WATER MAIN C.I.

C. REPLACE
145 SQ. FT. CONCRETE SIDEWALK

D. OTHER MATERIALS REQUIRED

D_1 FURNISHED BY CONTRACTOR
1-48"x 22°48' BEND (BS)(LUGGED)
1-48"x 17°16' BEND (BS)(LUGGED)
1-48"x 64°27' BEND (BS)(LUGGED)
1-2' DRAIN STOP (COMP. ASSEM.)
1-48" CLOSURE
1-48"x 16" OUTLET PIPE

D_2 FURNISHED BY CITY
1-16" VALVE
1-VALVE BOX F/W EXT.
1-16" SLEEVE
2 VALVE BOX-TOP SECTION AND COVERS

ALL GENERAL NOTES ON SHEET NO. 4 CWO 4458 APPLY.

2062 CU. YDS. OF EXCESS EXCAVATED MATERIAL.

SHEET NO. 2 OF 2 SHEETS

CARL C. CRANE INC.
CONSULTING ENGINEERS
MADISON WISCONSIN

WATER ENGINEERING DIVISION
BUREAU OF ENGINEERS
MILWAUKEE WATER WORKS
DEPARTMENT OF PUBLIC WORKS

48" WATER MAIN
-IN-
RELOCATED HAWLEY ROAD
FROM W. FAIRVIEW AVE.
TO W. ADLER ST.

FIELD SURVEY NO. CONSULTANTS
DESIGNED BY R. JAMES DATE 9-8-59
DRAWN BY J. GASDORF DATE 9-8-59 HOR. SCALE 30 VER. 10
FIELD CHECK BY C. C. Sprague DATE Nov. 1959
CHECKED BY C. C. Sprague DATE Jan. 5, 1960
APPROVED BY A. Rammagen (ENGR. INSPECTOR) DATE 3-7-60
APPROVED Eugene Schlimmer (CITY ENGINEER) DATE 3/7/60
APPROVED BY David Sherburne (SPECIAL DEPUTY — COMM. OF PUBLIC WORKS)

O. N. AND PROJECT 60-71-1
C. C. FILE NO. 58-1213
DATE ADOPTED 7-22-58
WORK ORDER NO. 4454
FILE NO. 9-7-0
60239

NO. 125—200—12-58