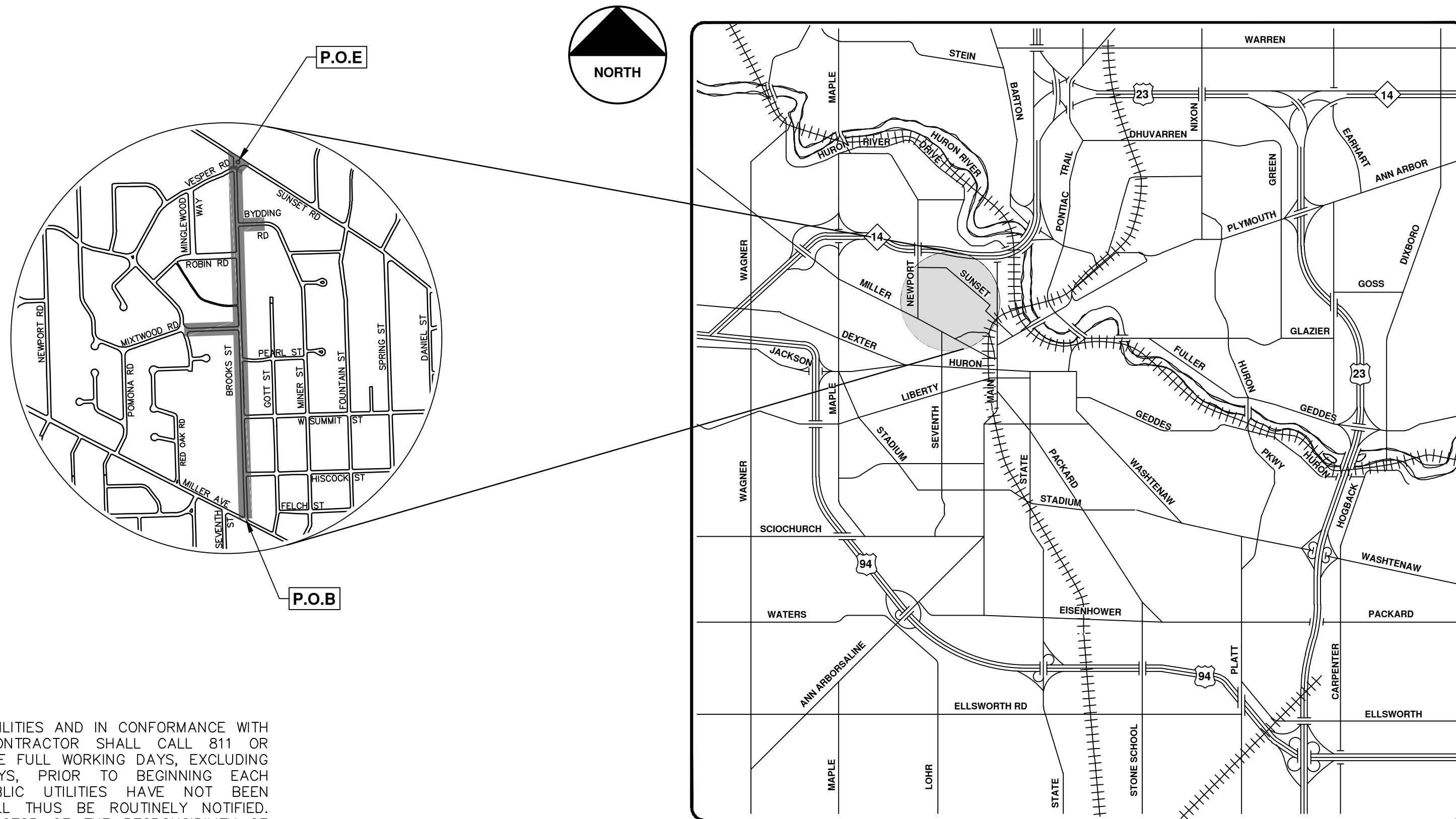




# CITY OF ANN ARBOR ENGINEERING

## BROOKS STREET IMPROVEMENTS

RFP No. 23-09, FILE No. 2021016



VICINITY MAP

**NOTES:**

FOR PROTECTION OF UNDERGROUND UTILITIES AND IN CONFORMANCE WITH PUBLIC ACT 174 OF 2013, THE CONTRACTOR SHALL CALL 811 OR 1-800-482-7171 A MINIMUM OF THREE FULL WORKING DAYS, EXCLUDING SATURDAYS, SUNDAYS, AND HOLIDAYS, PRIOR TO BEGINNING EACH EXCAVATION IN AREAS WHERE PUBLIC UTILITIES HAVE NOT BEEN PREVIOUSLY LOCATED. MEMBERS WILL THUS BE ROUTINELY NOTIFIED. THIS DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF NOTIFYING UTILITY OWNERS WHO MAY NOT BE A PART OF THE "MISS DIG" ALERT SYSTEM.

THE UNDERGROUND LOCATIONS SHOWN FOR NATURAL GAS, TELEPHONE, ELECTRICAL POWER, CABLE TV AND FIBER OPTIC LINES ARE APPROXIMATE. THE CITY OF ANN ARBOR ASSUMES NO RESPONSIBILITY FOR THEIR ACCURATE REPRESENTATION IN THIS DRAWING. MISS DIG MUST BE CONTACTED PRIOR TO CONSTRUCTION TO LOCATE THESE UTILITIES.

THE CONSTRUCTION COVERED BY THESE PLANS SHALL CONFORM TO THE 1994 EDITION OF THE CITY OF ANN ARBOR PUBLIC SERVICES DEPARTMENT STANDARD SPECIFICATIONS, ITS DETAILS, WHICH ARE INCLUDED BY REFERENCE, AND THIS PROJECT'S CONTRACT DOCUMENTS. THE OMISSION OF ANY CURRENT STANDARD DETAIL DOES NOT RELIEVE THE CONTRACTOR FROM THIS REQUIREMENT.

**PROJECT DESCRIPTION**

This project includes water main replacement, storm water management improvements, road-narrowing and new sidewalk. The limits of disturbance include the entire Brooks Street corridor (0.70 mi.), 1 block of Mixwood Street (0.13 mi) and 1/2 block of Bydding Road (0.07 mi.)

The following project quantities are approximate:

2,400 linear feet of 8-inch watermain, 25 storm water structures, 370 linear feet of 12-inch storm water pipe, 200 linear feet of 36-inch storm water pipe, a rain garden, 15,600 square yards of HMA surface removal and 13,500 square yards of HMA resurfacing, 2,750 linear feet of 5-foot wide sidewalk, 3,500 linear feet of concrete curb and gutter removal and replacement for utility trenching, road-narrowing, and the Sunset intersection reconfiguration.

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5	Storm Sewer and Trench Details
6	Bioretention Overflow Structure Detail
7	Misc. Details
8	Mixwood Rd & Brooks St Typical Sections
9	Brooks Street Typical Sections
10	Brooks Street Typical Sections
11	Brooks Street Typical Sections
12	Concrete Speed Table Detail
13	Concrete Raised Cross Walk Detail
14	Alternate Pedestrian Route (APR) Detour
15	Alternate Pedestrian Route (APR) Bypass
16	TPAR Ramps
17	TPAR Walkway Devices
Maintenance of Traffic	
18	Overall Plan
19	Sunset Rd and Brooks St Intersection
Removals - Brooks Street	
20	Sta. 0+00 - Sta. 10+00
21	Sta. 10+00 - Sta. 19+00
22	Sta. 19+00 - Sta. 28+00
23	Sta. 28+00 - Sta. 38+00
Removals - Mixwood Road	
24	Sta. 0+70 - Sta. 7+00
Brooks Street Water Main	
25	Sta. 0+00 - Sta. 4+50
26	Sta. 4+50 - Sta. 9+00
27	Sta. 9+00 - Sta. 13+50
28	Sta. 13+50 - Sta. 17+67 & 16 Inch Water Main Relocation
Mixwood Road Water Main	
29	Sta. 0+00 - Sta. 2+75
Mixwood Road Water Main Sta. 2+75 - Sta. 5+70	
30	Brooks St. Water Main Relocation Sta. 0+39 - Sta. 0+67
Storm Sewer	
31	R300, R301, R302, R304, R305, R306, R307, R308, R310
32	R200, R201, R202, R203, R204, R206, R207, R208
33	R210, R211, R212, R213, R214
34	Rain Garden Vegetation and Seed Mix Plan
35	Infiltration Trench and Concrete Spillway Detail
Proposed Road - Brooks Street	
36	Sta. 0+00 - Sta. 5+50
37	Sta. 5+50 - Sta. 10+00
38	Sta. 10+00 - Sta. 14+50
39	Sta. 14+50 - Sta. 19+00
40	Sta. 19+00 - Sta. 23+50
41	Sta. 23+50 - Sta. 28+00
42	Sta. 28+00 - Sta. 32+50
43	Sta. 32+50 - Sta. 38+00
Proposed Road - Mixwood	
44	Sta. 0+00 - Sta. 3+00
45	Sta. 3+00 - Sta. 7+25
Intersection Grades	
46	Robin Rd - Brooks St and Bydding Rd and Brooks St
47	Brooks St - Vesper Rd - Sunset Rd
Brooks St Sidewalk Right	
48	Sta. 0+00 - Sta. 3+50
49	Sta. 3+50 - Sta. 8+00
50	Sta. 8+00 - Sta. 12+50
51	Sta. 12+50 - Sta. 14+33.8
Brooks St Sidewalk Left	
52	Sta. 0+00 - Sta. 3+50
53	Sta. 3+50 - Sta. 8+00
54	Sta. 8+00 - Sta. 9+75

PREPARED UNDER THE SUPERVISION OF

*Christopher Carson*  
CHRISTOPHER CARSON, P.E. - MI LICENSE No. 47156

3/13/2023  
DATE



NO.	DESCRIPTION	DATE	DRAWN	CHECKED
01	ADDENDUM 1	3-28-23	CC/DF	TB
00	OUT TO BID	3-13-23	CC/DF/KG	TB

CITY OF ANN ARBOR  
PUBLIC SERVICES  
301 EAST HURON STREET  
ANN ARBOR, MI 48106-8647  
www.a3gov.org



CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING

COVER SHEET

SCALE  
DRAWING No.  
2021016-1

SHEET No.  
1 OF 54

R:\2021016 Brooks Street\Plan Production\2021016Cov.dwg - \_g2 standard bw.stb - Plot Date: 3/28/2023 2:07:22 PM

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