



CITY OF ANN ARBOR ENGINEERING

IN COORDINATION WITH MICHIGAN DEPARTMENT OF TRANSPORTATION/FEDERAL HIGHWAY ADMINISTRATION

STATE AND HILL STREETS IMPROVEMENTS PROJECT

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 2020 MICHIGAN DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION, ITS DETAILS, WHICH ARE INCLUDED BY REFERENCE, THE MICHIGAN DEPARTMENT OF TRANSPORTATION LOCAL AGENCY PROGRAM GUIDELINES FOR GEOMETRICS FOR NEW CONSTRUCTION, THE AASHTO GUIDE FOR THE PLANNING, DESIGN AND OPERATION OF BICYCLE FACILITIES AND THIS PROJECT'S CONTRACT DOCUMENTS. THE OMISSION OF ANY CURRENT STANDARD DETAIL DOES NOT RELIEVE THE CONTRACTOR FROM THIS REQUIREMENT.

DESCRIPTION OF WORK:

THIS PROJECT INCLUDES 0.6 MILES OF HMA SURFACE REMOVAL AND HMA RESURFACING, ADA SIDEWALK RAMP IMPROVEMENTS AND CROSSWALK SAFETY IMPROVEMENTS AND NEW PAVEMENT MARKINGS ON HILL STREET FROM FIFTH AVENUE TO CHURCH STREET. ADDITIONAL PAVEMENT MARKINGS FOR 0.32 MILES ON HILL STREET FROM CHURCH TO WASHTEAW. NEW WATERMAIN IS PROPOSED ON HILL STREET FROM FIFTH STREET TO STATE STREET. THE PROJECT INCLUDES 0.75 MILES OF HMA SURFACE REMOVAL AND HMA RESURFACING, ADA SIDEWALK RAMP IMPROVEMENTS AND CROSSWALK SAFETY IMPROVEMENTS ON STATE STREET FROM GRANGER TO SOUTH UNIVERSITY.



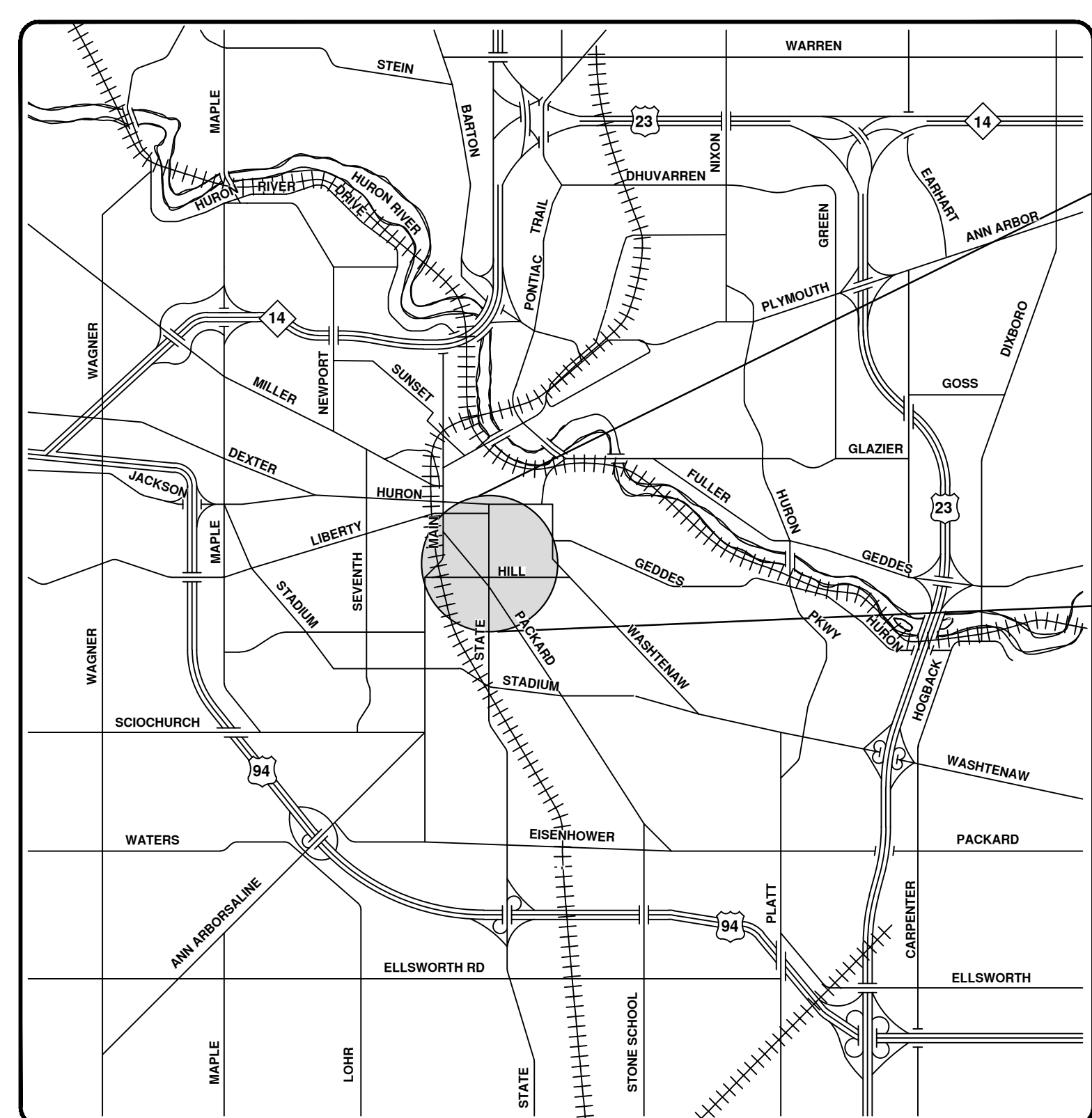
REV.	DESCRIPTION	DATE	DRAWN	CHECKED
	MDOT FINAL SUBMITTAL	12/23/22		

CITY OF ANN ARBOR
PUBLIC SERVICES
301 EAST HURON STREET
ANN ARBOR, MI 48106-8647
www.a2gov.org

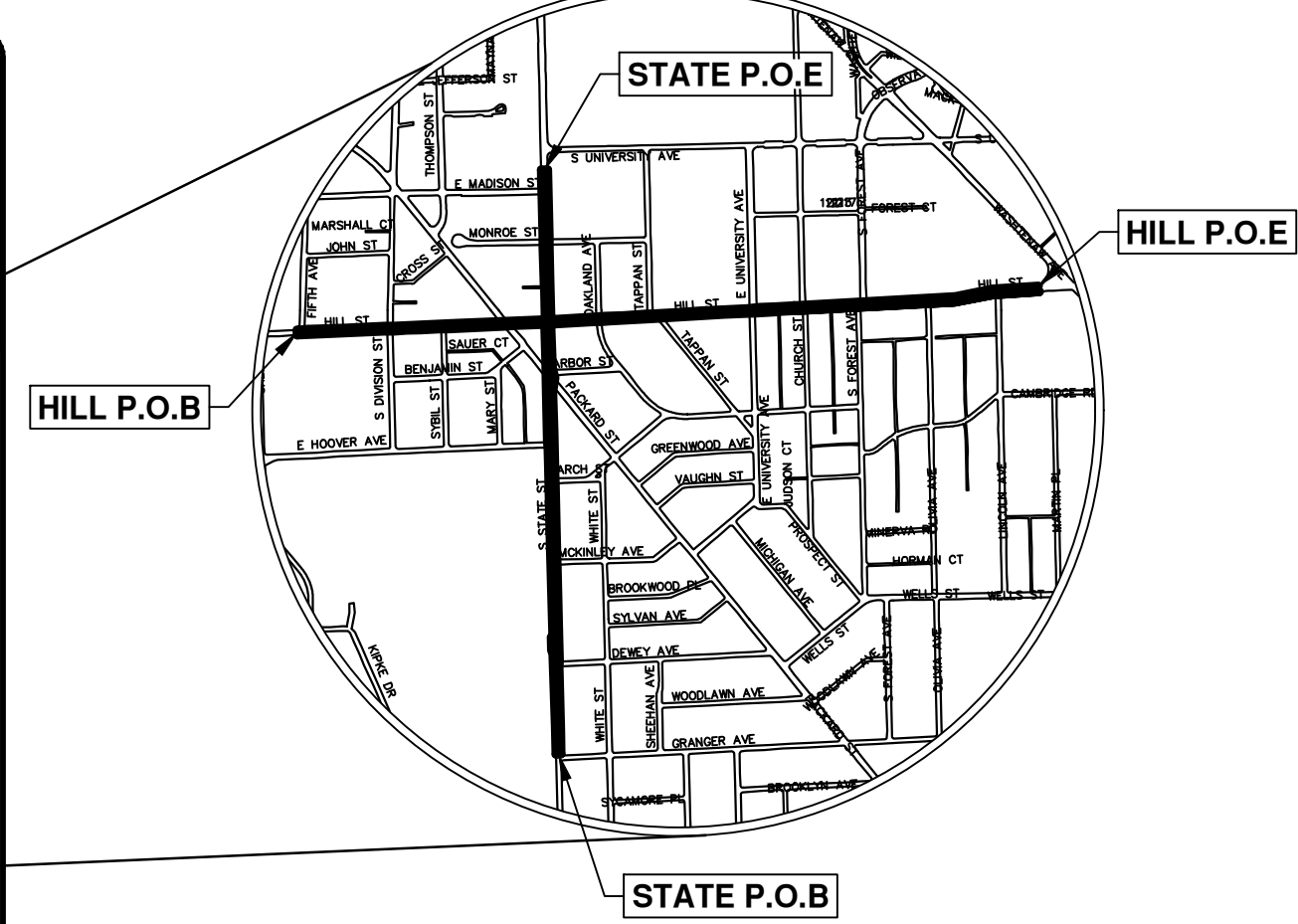


CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING
PROJECT DESCRIPTION AND LIMITS
SCALE
DRAWING No. 2021017-1
SHEET No. 1 OF 173

JN 210417, 211925, 214205, CS 81000 FILE No. 2021017



VICINITY MAP



CITY OF ANN ARBOR
IN COOPERATION WITH THE
**MICHIGAN DEPARTMENT OF
TRANSPORTATION AND FEDERAL
HIGHWAY ADMINISTRATION**

PROJECT NO. 210417; 211925; 214205; CITY/TWP ANN ARBOR

LOCATION HILL STREET FROM SOUTH FIFTH AVENUE TO WASHTEAW STREET AND STATE STREET FROM GRANGER TO SOUTH UNIVERSITY AVENUE.

CONTRACT FOR THE CITY OF ANN ARBOR IS PROPOSING 0.92 MILES OF HMA SURFACE REMOVAL AND HMA RESURFACING, ADA SIDEWALK RAMP IMPROVEMENTS AND CROSSWALK SAFETY IMPROVEMENTS AND NEW PAVEMENT MARKINGS ON HILL STREET FROM FIFTH AVENUE TO WASHTEAW AVENUE. NEW WATERMAIN IS PROPOSED ON HILL STREET FROM FIFTH STREET TO STATE STREET. THE PROJECT INCLUDES 0.75 MILES OF HMA SURFACE REMOVAL AND HMA RESURFACING, ADA SIDEWALK RAMP IMPROVEMENTS AND CROSSWALK SAFETY IMPROVEMENTS ON STATE STREET FROM GRANGER TO SOUTH UNIVERSITY. WATER SERVICE TRANSFERS ARE PROPOSED ON STATE STREET FROM GRANGER TO DEWEY, AND FROM HILL TO SOUTH UNIVERSITY.

PREPARED UNDER THE SUPERVISION OF

THERESA CISCO BRIDGES, P.E.
M LICENSE No. 6201052180
PROJECT MANAGER

DATE
03/10/2023

STATE ST TRAFFIC DATA	
2022 ANNUAL DAILY TRAFFIC (ADT)	11,384
2042 ADT	12,578
COMMERCIAL	3%
2042 COMMERCIAL	3%
POSTED SPEED	30 MPH
DESIGN SPEED	35 MPH

HILL ST TRAFFIC DATA	
2022 ANNUAL DAILY TRAFFIC (ADT)	6775
2042 ADT	7485
COMMERCIAL	6%
2042 COMMERCIAL	6%
POSTED SPEED	25 MPH
DESIGN SPEED	30 MPH

MDOT SPECIAL DETAILS		
REQUIRED ON THIS PROJECT	ITEM OF WORK	DETAIL
X	"B", "D", "L" TABLES, CHANNELIZING DEVICE SPACING, SIGN BORDER KEY, AND ROLL-AHEAD SPACING	101-GEN-SPACING-CHARTS
X	TRAFFIC CONTROL TYPICALS NOTE SHEET	102-GEN-NOTES
X	LANE CLOSURE UTILIZING TRAFFIC REGULATORS ON A 2-LANE UNDIVIDED ROADWAY	110-TR-NFW-2L
X	SHOULDER CLOSURE ON A 2-LANE UNDIVIDED ROADWAY	122-NFW-SHL-(R)
X	BOTH BOUNDS SHIFTED ON A 3-LANE UNDIVIDED ROADWAY	136-CLT-SHIFT-(R+L)
X	SINGLE LANE AND PARKING LANE CLOSURE WITH BOTH BOUNDS SHIFTED ON AN UNDIVIDED ROADWAY	140-CLT-PARK-LANE
X	COLOR CODE WIRING / EQUIPMENT GROUNDING	SIG-230-A
X	CONDUIT (DIRECT BURIAL / ENCASED)	SIG-250-A
X	PEDESTAL MOUNTED SIGNAL DISPLAYS	SIG-330-A
X	PEDESTAL MOUNTING FOR SIGNALS	SIG-331-A
X	TRAFFIC LOOPS	SIG-410-A
X	WIRELESS VEHICLE DETECTION SYSTEM	SIG-420-A
X	GROUND DRIVEN SUPPORTS FOR TEMP SIGNS	WZD-100-A
X	TEMPORARY TRAFFIC CONTROL DEVICES	WZD-125-E
X	PAVEMENT ARROW & MESSAGE DETAILS	PAVE-900-G
X	PAVEMENT MARKING RECESSING DETAILS	PAVE-901-A
X	6-INCH YELLOW COMBINATION PAVEMENT MARKINGS	PAVE-903-A
X	LONGITUDINAL LINE TYPES & PLACEMENT	PAVE-905-E
X	PARTIAL CLOVERLEAF TERMINAL MARKINGS	PAVE-926-B
X	LEFT TURN LANE MARKINGS	PAVE-935-E
X	RIGHT TURN LANE AND ISLAND PAVEMENT MARKINGS	PAVE-940-D
X	INTERSECTION, STOP BAR & CROSSWALK MARKINGS	PAVE-945-D
X	RAILROAD GRADE CROSSING PAVEMENT MARKINGS	PAVE-965-D

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