

THE CITY OF ANN ARBOR

WASTEWATER TREATMENT PLANT 2020 ACCESS BRIDGE REPAIR PROJECT APRIL 2020 ITB NO. 4625

NOTES:

THE PROPOSED IMPROVEMENTS ARE BASED ON THE 17TH EDITION OF AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES.

EXCEPT WHERE OTHERWISE INDICATED ON THESE PLANS OR IN THE CONTRACT DOCUMENTS, ALL MATERIALS AND WORKMANSHIP SHALL BE PERFORMED ACCORDING TO THE CITY OF ANN ARBOR'S PUBLIC SERVICES DEPARTMENT STANDARD SPECIFICATIONS AND THE MICHIGAN DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION 2012 EDITION. ALL WORK UNDER THIS CONTRACT THAT IS NOT INCLUDED IN THE CITY OR MDOT STANDARD SPECIFICATIONS SHALL BE PERFORMED IN ACCORDANCE WITH THE DETAILED SPECIFICATIONS INCLUDED IN THE CONTRACT DOCUMENTS.

IN CASE OF DISCREPANCY, THE CITY OF ANN ARBOR PUBLIC SERVICES DEPARTMENT STANDARD SPECIFICATIONS FOR CONSTRUCTION SHALL GOVERN OVER THE MICHIGAN DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION.

THE DESIGN OF THE STRUCTURAL MEMBERS IS BASED ON MATERIAL OF THE FOLLOWING GRADES AND STRESSES:

CONCRETE: GRADE D $f_c = 4,000$ psi
STEEL REINFORCEMENT $f_y = 60,000$ psi

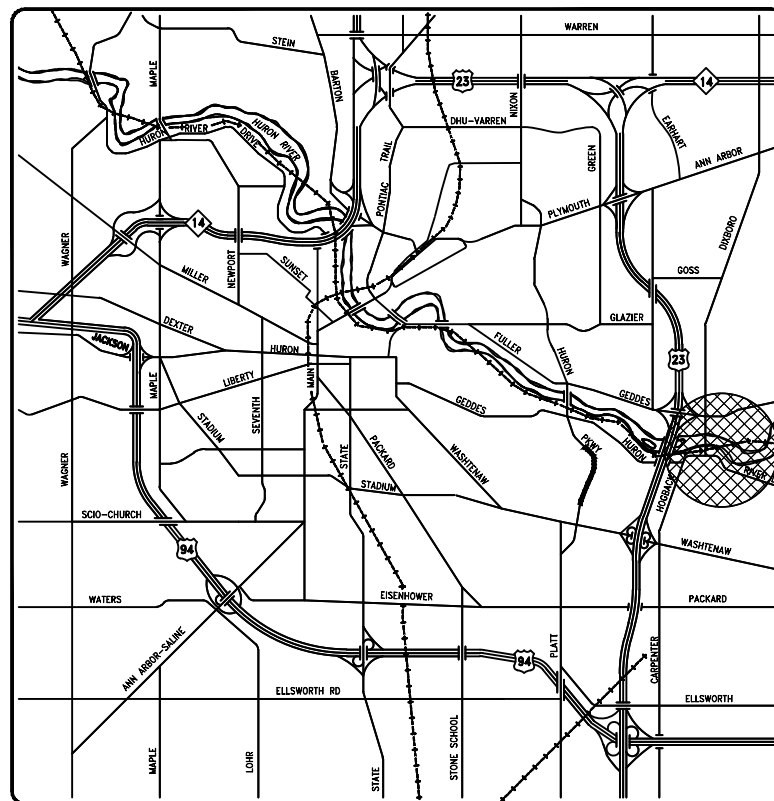
ALL EXPOSED CONCRETE CORNERS SHOWN SQUARE ON THE PLANS SHALL BE BEVELED WITH $\frac{3}{4}$ " TRIANGULAR MOLDINGS EXCEPT AS OTHERWISE NOTED.

UNLESS OTHERWISE SHOWN ON THE PLANS PROVIDE MINIMUM CONCRETE CLEAR COVER FOR REINFORCEMENT ACCORDING TO THE FOLLOWING:

CONCRETE CAST AGAINST EARTH: 3 IN.
ALL OTHER UNLESS SHOWN ON PLANS: 2 IN.

SHEET INDEX

SHEET NO.	DRAWING NO.	TITLE
1	20207078-C	COVER SHEET
2	20207078-NOTE	NOTE SHEET
3	20207078-MOT	MAINTENANCE OF TRAFFIC
4	20207078-PLAN	DECK REPAIR PLAN AND DETAILS



PROJECT LENGTH
0.05 MILES

PROJECT
LOCATION

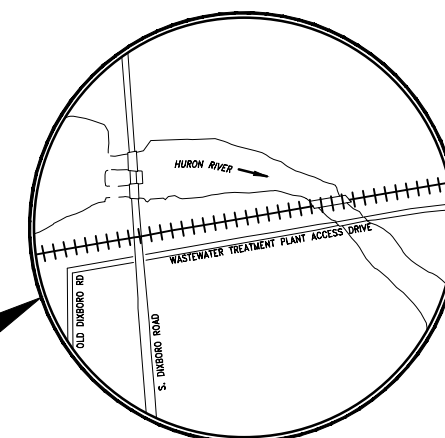
THE FOLLOWING UTILITIES ARE LOCATED IN OR NEAR THE RIGHT-OF-WAY FOR THIS PROJECT.

PUBLIC UTILITIES

CITY OF ANN ARBOR PUBLIC WORKS UNIT
WATER, SEWER AND STORM W.R. WHEELER SVC. CTR DAN WOODEN
4251 STONE SCHOOL RD. 734-794-6350
ANN ARBOR, MI 48108

PRIVATE UTILITIES

AT&T-PHONE	550 S. MAPLE SECOND FLOOR ANN ARBOR, MI 48103	ANDREW JOHNSON 734-996-5350
DTE ENERGY-ELECTRIC	ANN ARBOR SERVICE CENTER 982 BROADWAY ANN ARBOR, MI 48105	BRUCE CADY 313-330-0243
DTE ENERGY-GAS	17150 ALLEN RD. MELVINDALE, MI 48122	TOM LONGO JAMES FISTLER 586-463-3142 313-389-7299
COMCAST-CABLE	8455 RONDA DR CANTON, MI 48187 24744 EUREKA RD. TAYLOR, MI 48180	RICHARD EWASEK 313-215-8082 RON SOUTHERLAND 313-999-8300



PERMITS REQUIRED TO BE OBTAINED BY THE CONTRACTOR PRIOR TO THE BEGINNING OF CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR THESE PERMIT FEES.	
PERMIT	ISSUING AUTHORITY

TRAFFIC DATA	
PRESENT ADT	75 (2020)
FUTURE ADT	75 (2040)
% COMMERCIAL	3.0% (2020)
% COMMERCIAL	10.0% (2040)
POSTED SPEED	N/A MPH
DESIGN SPEED	25 MPH

THE OMISSION OF ANY CURRENT STANDARD DETAIL DOES NOT RELIEVE THE CONTRACTOR FROM THIS REQUIREMENT. THE WORK SHALL BE PERFORMED IN COMPLETE CONFORMANCE WITH THE CURRENT PUBLIC SERVICES STANDARD SPECIFICATIONS AND DETAILS.

3 WORKING DAYS |
BEFORE YOU DIG
CALL MISS DIG
800-482-7171
(TOLL FREE)

FOR PROTECTION OF UNDERGROUND UTILITIES AND IN CONFORMANCE WITH PUBLIC ACT 53, THE CONTRACTOR SHALL DIAL 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.

SEAL



MARK T. LESSENS, P.E., MICHIGAN NO. 36092 DATE



DRAWING NO.
20207078-C
SHEET 1 OF 4

WASTEWATER TREATMENT PLANT 2020 ACCESS BRIDGE DECK REPAIR PROJECT; ITB 4625

GENERAL NOTES

UTILITIES

MISS DIG/UNDERGROUND UTILITY NOTIFICATION

For the protection of underground utilities and in conformance with MCL 460.171 et seq, the Contractor shall contact MISS DIG System, Inc. by phone at 811 or 800-482-7171 or via the web at either elocate.missdig.org for single address or rte.missdig.org, a minimum of 3 work days prior to excavating, excluding weekends and holidays.

ROW / REAL ESTATE

PROPERTY OWNERS

The names of property owners shown on the plans are for information only, and their accuracy is not guaranteed.

SURVEY

ADJUSTING MONUMENT BOXES

All government corners on this project shall be preserved, whether shown or not. It may be necessary to place or adjust monument boxes, as required.

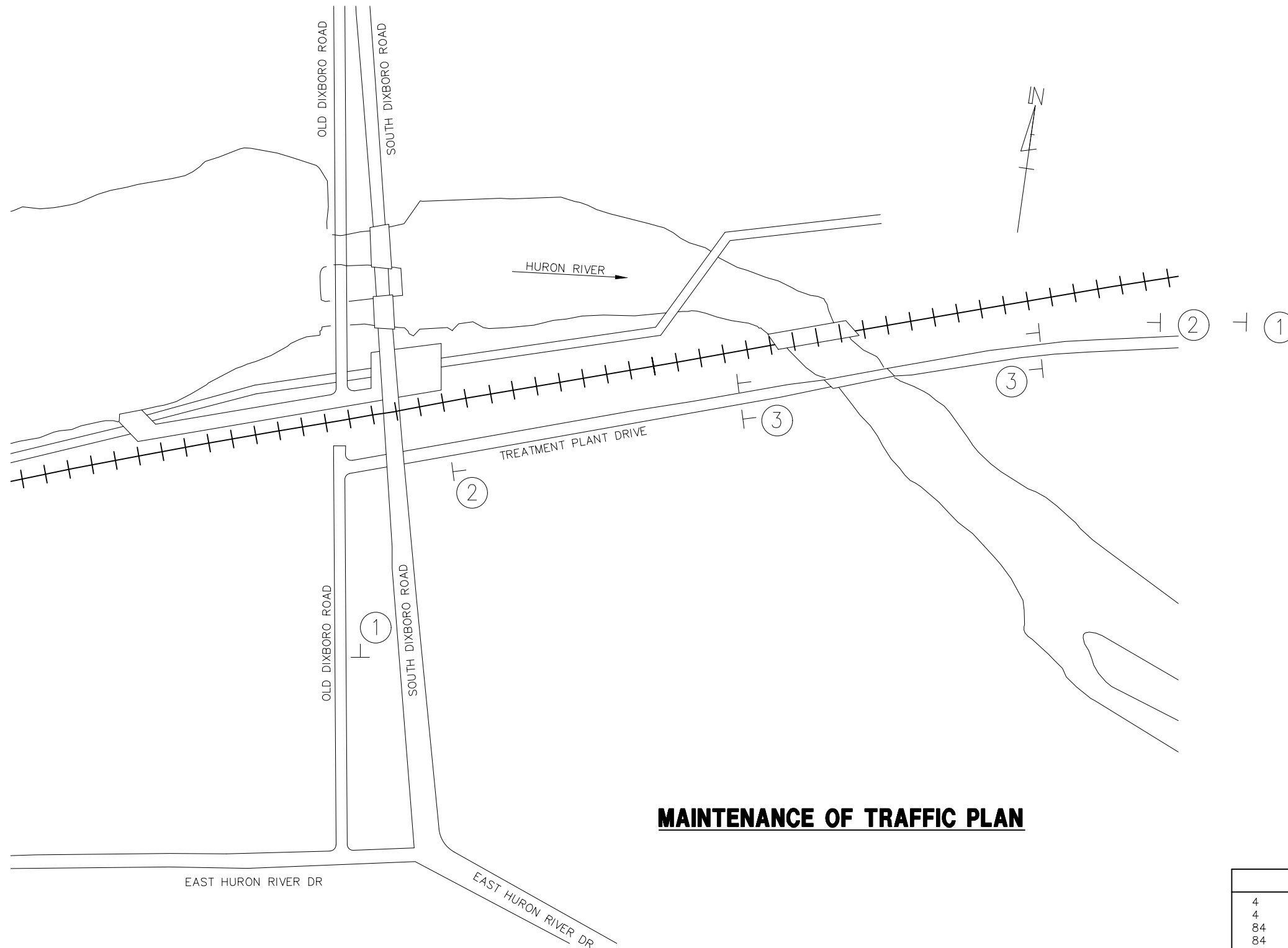
OLD PLANS

OLD ROAD PLANS


The following old road plans were referred to in the design of this project.
 Bridge Rehabilitation Plans, City File No. 2000028
 Bridge Repair Plans, City File No. 85009
 Bridge Plans, City File No. 494D
 2015 Access Bridge Repair Project (ITB No. 4390)


In addition, other old road plans that predate this project may be available.


					WASTEWATER TREATMENT PLANT - THE CITY OF ANN ARBOR		
					WASTEWATER TREATMENT PLANT 2020 ACCESS BRIDGE REPAIR PROJECT		
					NOTE SHEET		
					SCALE		
					NONE		
					DRAWING NO.		
					20207078-NOTE		
					SHEET NO. <u> 2 </u> OF <u> 4 </u>		
REV. NO.	DESCRIPTION	DATE	DR. BY	CH. BY			
	ORIGINAL ISSUE	04/10/20	DAF	CLH			

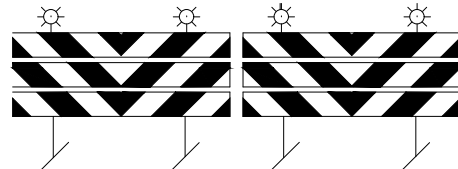


MAINTENANCE OF TRAFFIC PLAN

①  ROAD WORK AHEAD W20-1 (48" x 48") 16 SFT TYPE IIB SIGN

②  ROAD CLOSED AHEAD W20-3 (48" x 48") 16 SFT TYPE IIB SIGN

③  ROAD CLOSED R11-2 (48" x 30") 10 SFT TYPE IIB SIGN MOUNT ON SEPARATE POSTS BEHIND BARRICADES

 (2) TYPE III LIGHTED BARRICADES

NOTES:
 SEE DETAILED SPECIFICATIONS FOR MAINTENANCE OF TRAFFIC AND CONSTRUCTION SEQUENCING, AND HOURS OF WORK.
 SIGNING SHALL BE IN PLACE DURING ANY COMPLETE CLOSURE OF THE BRIDGE, DURING TIMES ALLOWED IN THE DETAILED SPECIFICATION FOR MAINTENANCE OF TRAFFIC AND CONSTRUCTION SEQUENCING.

QUANTITIES			
4	Ea	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	
4	Ea	Barricade, Type III, High Intensity, Double Sided Lighted, Oper	
84	Sft	Sign, Type B, Temp, Prismatic, Furn	
84	Sft	Sign, Type B, Temp, Prismatic, Oper	

3 WORKING DAYS
 BEFORE YOU DIG
 CALL MISS DIG
 800-482-7171
 (TOLL FREE)

	WASTEWATER TREATMENT PLANT - THE CITY OF ANN ARBOR			
	WASTEWATER TREATMENT PLANT 2020 ACCESS BRIDGE REPAIR PROJECT MAINTENANCE OF TRAFFIC			
REV. NO.	DESCRIPTION	DATE	DR. BY	CH. BY
	ORIGINAL ISSUE	04/10/20	DAF	CLH
SCALE: NONE				DRAWING NO. 20207078-MOT
SHEET NO. 3 OF 4				

