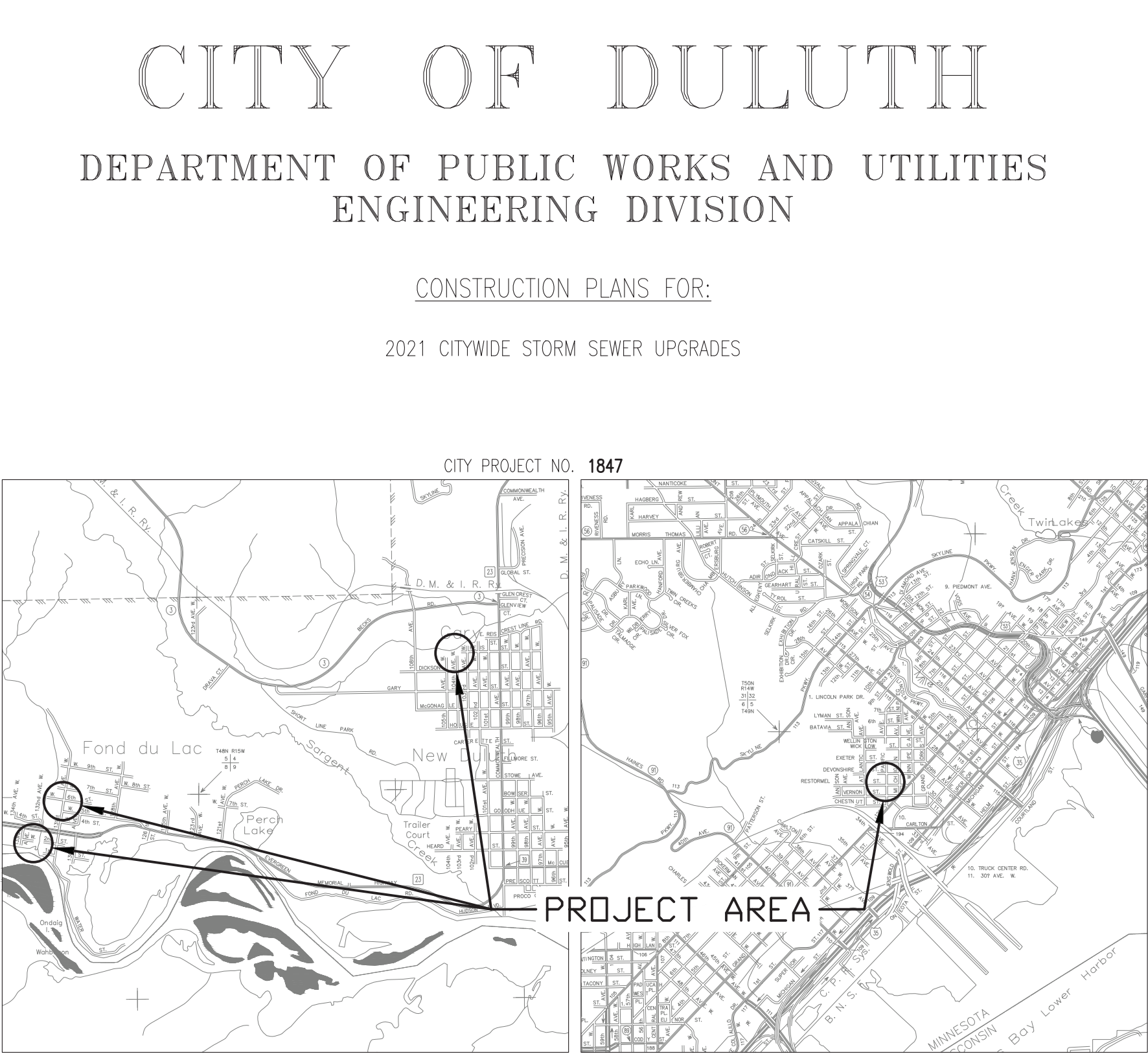


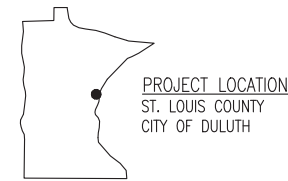
PLAN LEGEND	
RIGHT OF WAY LINE	-----
DITCH CENTERLINE	-----
FENCE LINE	=====
RETAINING WALL	=====
GRAVEL LINE	-----
GUARD RAIL LINE	-----
RAILROAD TRACK LINE	+++++
ROAD CENTERLINE	-----
TREE LINE	~~~~~
STREAM LINE	-----
WETLAND LINE	-----
EX SANITARY LINE	-----
PR SANITARY LINE	----- SAN
AB SANITARY LINE	----- AB-SAN
EX FORCEMAIN LINE	-----
PR FORCEMAIN LINE	----- FM
AB FORCEMAIN LINE	----- AB-FM
EX STORM LINE	-----
PR STORM LINE	----- ST
AB STORM LINE	----- AB-ST
EX WATER LINE	-----
PR WATER LINE	----- W
AB WATER LINE	----- AB-W
EX GAS LINE	-----
PR GAS LINE	----- GAS
AB GAS LINE	----- AB-GAS
EX STEAM LINE	-----
PR STEAM LINE	----- AB-STEAM
UG CABLE TV LINE	----- UGTV
AB CABLE TV LINE	----- AB-CATV
UG ELECTRIC LINE	----- UGE
AB ELECTRIC LINE	----- AB-ELEC
UG FIBEROPTIC LINE	----- FO
AB FIBEROPTIC LINE	----- AB-FO
UG TELEPHONE LINE	----- UGT
AB TELEPHONE LINE	----- AB-TELE
OH ELECTRIC LINE	----- OHE
OH TELEPHONE LINE	----- OHT
OH CABLE TV LINE	----- OHTV

SYMBOLS	
EX SANITARY MANHOLE	(SAN)
EX SANITARY CLEANOUT	(X)
EX STORM MANHOLE	(STRM)
EX STORM CATCHBASIN	(WV)
EX. WATER MANHOLE	(W)
EX. WATER VALVE	(W&G)
EX. WATER HYDRANT	(GV)
EX. WATER SHUTOFF	(STEAM)
EX. WATER & GAS MH	(T)
EX. GAS MANHOLE	(E)
EX. GAS VALVE	(W)
EX. GAS SHUTOFF	(ET)
EX. STEAM MANHOLE	(H.H.)
EX. TELEPHONE MANHOLE	(H.H.)
EX. ELECTRIC MANHOLE	(W)
EX. POWERPOLE	(W)
EX. LIGHT POLE	(W)
EX. ELECTRIC VAULT	(W)
EX. ANCHOR	(W)
EX. ELECTRIC TRANSFORMER	(W)
EX. STREET LIGHT	(W)
EX. SIGNAL W/ STREET LIGHT	(W)
EX. HANDHOLE	(H.H.)
EX. HANDHOLE	(H.H.)
EX. TELEPHONE PEDESTAL	(W)
EX. WELL	(W)
BENCHMARK	(W)
FOUND CI MONUMENT	(W)
EX. SIGN	(W)
CONTROL POINT	(W)
EX DECIDUOUS TREE	(W)
EX CONIFEROUS TREE	(W)
EX. PARKING METER	(W)
EX. SOIL BORING	(W)



THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY LEVEL D. THIS QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF CI/ASCE 38-02, ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA".

WARNING:
LOCATION OF UNDERGROUND UTILITIES TO BE VERIFIED BY CONTRACTOR. CALL BEFORE DIGGING. GOPHER STATE ONE CALL 1-800-252-1166 REQUIRED BY LAW



GOVERNING SPECIFICATIONS

THE 2018 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN. AVAILABLE AT: <http://www.dot.state.mn.us/pre-letting/spec/index.html>

THE 2019 EDITION OF THE CITY OF DULUTH PUBLIC WORKS AND UTILITIES DEPARTMENT CONSTRUCTION STANDARDS AND SUPPLEMENTS OR ADDENDUMS SHALL APPLY. AVAILABLE AT: <http://www.duluthmn.gov/engineering/standard-construction-specifications/>

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5-6	TRAFFIC CONTROL PLAN
7-11	STANDARD DETAILS
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13	RESTORMEL ST RESTORATION PLAN
14	105TH AVE W ST PLAN & PROFILE
15	105TH AVE W ST RESTORATION PLAN
16	W 6TH ST PLAN & PROFILE
17	W 6TH ST RESTORATION PLAN
18	W 2ND ST PLAN & PROFILE
19	W 2ND ST RESTORATION PLAN

THIS PLAN CONTAINS 19 SHEETS

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

THOMAS M. PFEFFER		
PROJECT ENGINEER (TYPED OR PRINTED NAME)		
Thomas M Pfeffer	03-11-2021	22442
PROJECT ENGINEER	DATE	LIC. NO.
CITY APPROVAL		
DocuSigned by:		
Cari Pedersen		
5CBDF26E53834EA...		
DocuSigned by:		
Eric R Shaffer		
49F9F0ACF03C4AA...		
DocuSigned by:		
cindy voigt		
3CE89AC02DB8436...		
APPROVED	CITY ENGINEER	DATE