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PLAN LEGEND

RIGHT OF WAY LINE	---
DITCH CENTERLINE	---
FENCE LINE	---
RETAINING WALL	X
GRAVEL LINE	---
GUARD RAIL LINE	---
RAILROAD TRACK LINE	---
ROAD CENTERLINE	---
TREE LINE	---
STREAM LINE	---
WETLAND LINE	---
EX SANITARY LINE	-->>---
PR SANITARY LINE	-->>---
AB SANITARY LINE	AB-SAN
EX FORCEMAIN LINE	FM -->>---
PR FORCEMAIN LINE	FM -->>---
AB FORCEMAIN LINE	AB-FM
EX STORM LINE	-->---
PR STORM LINE	-->---
AB STORM LINE	AB-STRM
EX WATER LINE	--W---
PR WATER LINE	--W---
AB WATER LINE	AB-W
EX GAS LINE	---
PR GAS LINE	---
AB GAS LINE	3" PE GAS
AB GAS LINE	AB-GAS
EX STEAM LINE	---
AB 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	UGFO
AB FIBEROPTIC LINE	AB-FO
UG TELEPHONE LINE	UGT
AB TELEPHONE LINE	AB-TELE
OH UTILITIES	OH

SYMBOLS

EX SANITARY MANHOLE	(SAN)	⊗
EX SANITARY CLEANOUT	(STRM)	⊗
EX STORM MANHOLE	(W)	⊗
EX STORM CATCHBASIN	(W&G)	⊗
EX. WATER MANHOLE	(W)	⊗
EX. WATER VALVE	(W&G)	⊗
EX. WATER HYDRANT	(W&G)	⊗
EX. WATER SHUTOFF	(W&G)	⊗
EX. WATER & GAS MH	(W&G)	⊗
EX. GAS MANHOLE	(GAS)	⊗
EX. GAS VALVE	(GAS)	⊗
EX. GAS SHUTOFF	(GAS)	⊗
EX. STEAM MANHOLE	(STEAM)	⊗
EX. TELEPHONE MANHOLE	(T)	⊗
EX. ELECTRIC MANHOLE	(E)	⊗
EX. POWERPOLE	(E)	⊗
EX. LIGHT POLE	(E)	⊗
EX. ELECTRIC VAULT	(E)	⊗
EX. ANCHOR	(E)	⊗
EX. ELECTRIC TRANSFORMER	(E)	⊗
EX. STREET LIGHT	(E)	⊗
EX. SIGNAL W/ STREET LIGHT	(E)	⊗
EX. HANDHOLE	(H.H.)	⊗
EX. HANDHOLE	(H.H.)	⊗
EX. TELEPHONE PEDESTAL	(H.H.)	⊗
EX. WELL	(W)	⊗
BENCHMARK	(B)	⊗
FOUND CI MONUMENT	(F)	⊗
EX. SIGN	(S)	⊗
CONTROL POINT	(C)	⊗
EX DECIDUOUS TREE	(D)	⊗
EX CONIFEROUS TREE	(C)	⊗
EX. PARKING METER	(P)	⊗
EX. SOIL BORING	(SB#)	⊗

CITY OF DULUTH

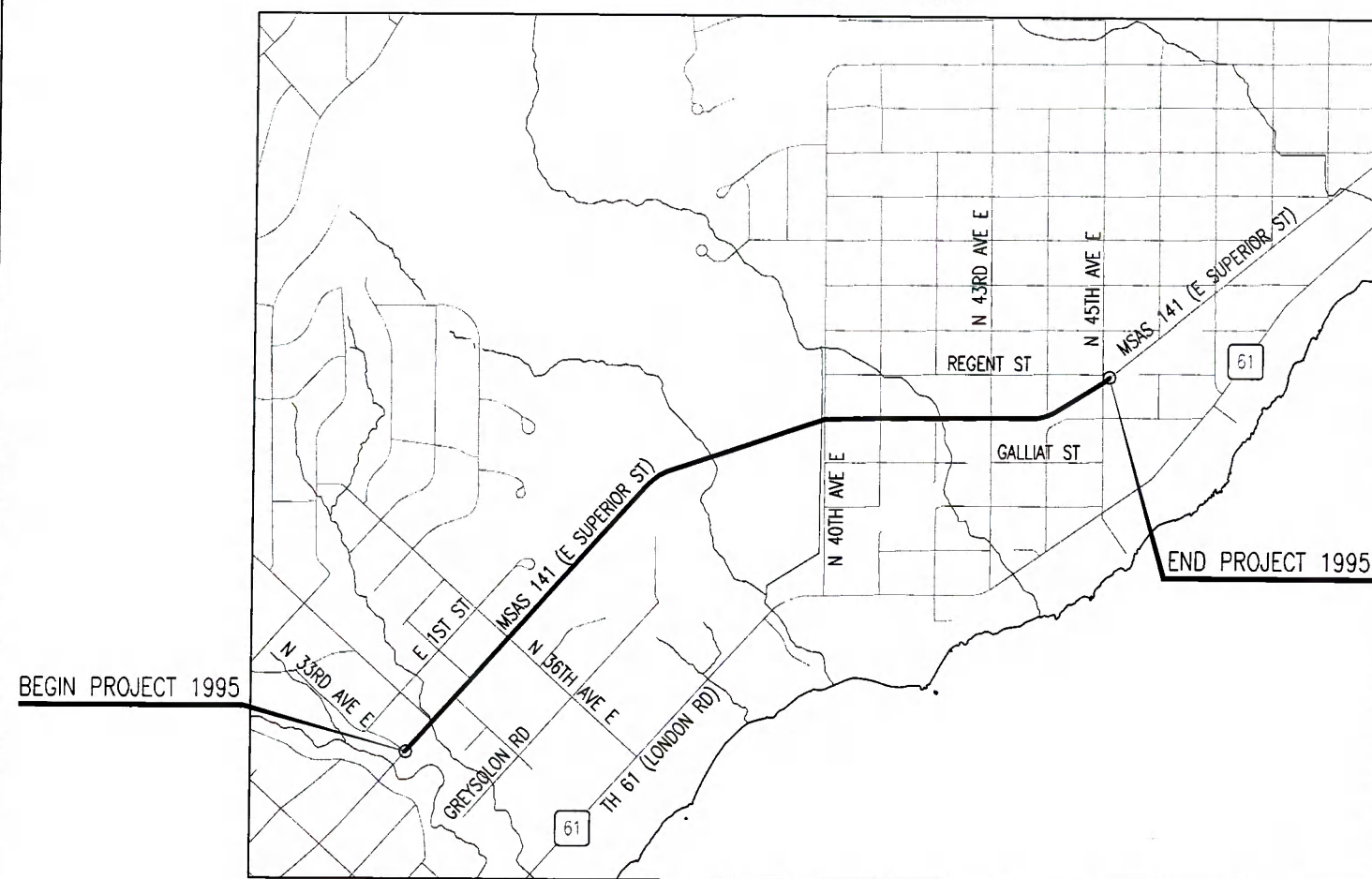
DEPARTMENT OF PUBLIC WORKS AND UTILITIES

ENGINEERING DIVISION

CONSTRUCTION PLANS FOR: MILL & OVERLAY, CURB & GUTTER, CONCRETE, STRIPING, & PAVEMENT MESSAGES

PROJECT LIMITS: MSAS 141 (E SUPERIOR ST) FROM
N 33RD AVE E TO N 45TH AVE E

CITY PROJECT NO. 1995



SCALE 1" = 1500'

GROSS LENGTH	7,070 FEET	1.339 MILES
BRIDGES-LENGTH	0 FEET	0.000 MILES
EXCEPTIONS-LENGTH	0 FEET	0.000 MILES
NET LENGTH	7,070 FEET	1.339 MILES

PLAN REVISIONS		
DATE	SHEET NO.	APPROVER

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".



GOVERNING SPECIFICATIONS

THE 2020 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/>

ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE LATEST MNUCTD, INCLUDING THE LATEST FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS.

INDEX

SHEET NO	DESCRIPTION
1	TITLE SHEET
2	TYPICAL SECTIONS
3-7	MILLING AND RESURFACING PLANS
8-17	PAVEMENT MARKINGS AND REMOVALS

---THIS PLAN CONTAINS 17 SHEETS---

DESIGN TEAM: J. JUREWICZ

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.

CYNTHIA J. VOIGT, P.E.

PROJECT ENGINEER (TYPED OR PRINTED NAME)

Cynthia J. Voigt 9-22-25 24082
PROJECT ENGINEER DATE LIC. NO.

CITY APPROVAL

Cynthia J. Voigt 9-22-25
APPROVED CHIEF ENGINEER OF TRANSPORTATION DATE

Howard Smith 9-23-2025
APPROVED CHIEF ENGINEER OF UTILITIES DATE

Cynthia J. Voigt 9-22-25
APPROVED CITY ENGINEER DATE

CITY OF DULUTH PROJECT NO. 1995

DRAWN BY: JDO

SHEET NO. 1 OF n