

LEGEND

ITEM	EXISTING	PROPOSED
CONSTRUCTION LIMIT		
LOT LINE		
RIGHT OF WAY LINE		
EASEMENT		
STRUCTURE		
BITUMINOUS SURFACE		
CONCRETE SURFACE		
GRAVEL SURFACE		
LAWN		
CURB & GUTTER		
FENCE		
OVERHEAD ELECTRIC		
BURIED ELECTRIC		
BURIED TELEPHONE		
BURIED GAS		
GAS VALVE		
GAS METER		
SANITARY SEWER		
SANITARY MANHOLE		
CLEAN OUT		
STORM		
STORM MANHOLE		
CATCH BASIN		
WATER MAIN		
WATER SHUTOFF		
WATER VALVE		
HYDRANT		

LSLR LEGEND

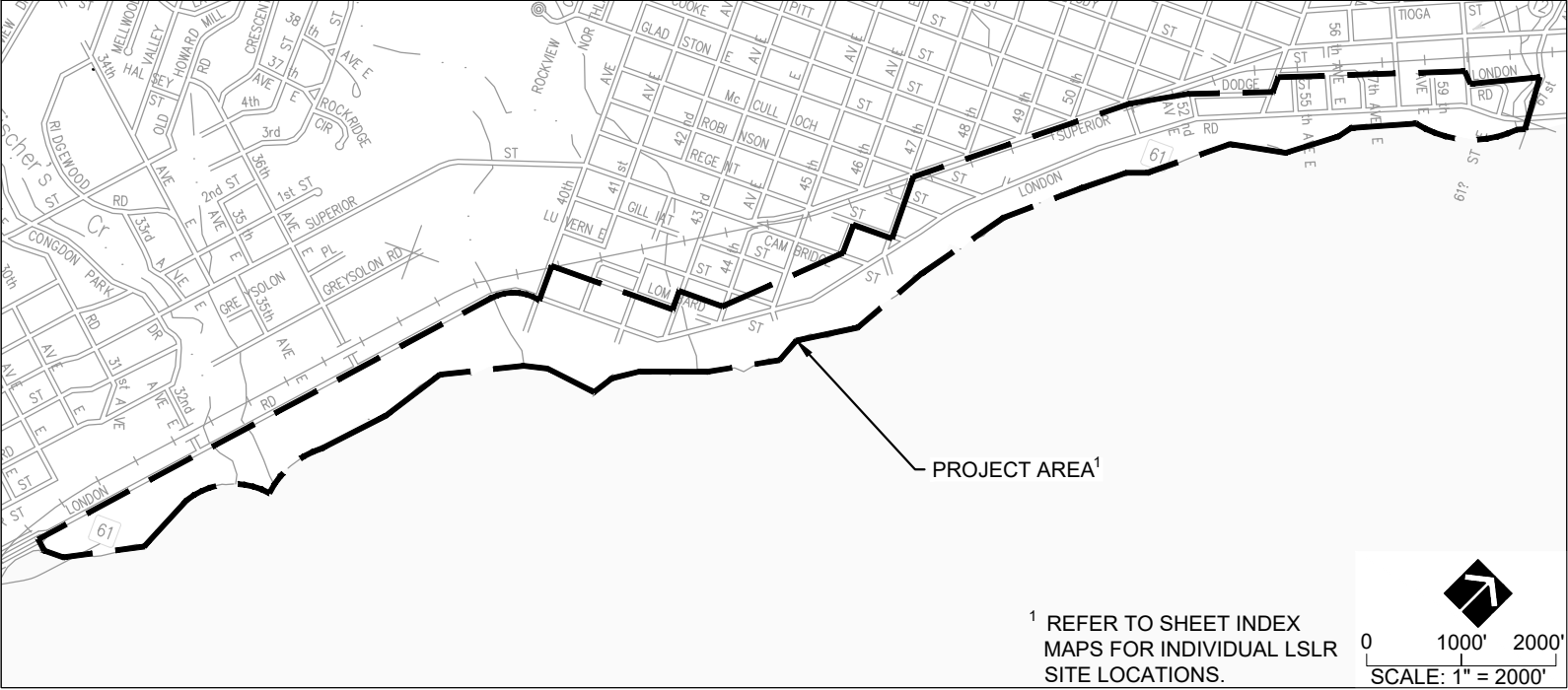
ITEM	
EXISTING WATER MAIN	
ABANDONED WATER MAIN	
EXISTING WATER SERVICE	
EXISTING SERVICE TO BE ABANDONED	
EXISTING GAS MAIN	
ABANDONED GAS MAIN	
EXISTING GAS SERVICE	
EXISTING SANITARY MAIN	
EXISTING SANITARY FORCE MAIN	
ABANDONED SANITARY MAIN	
EXISTING SANITARY SERVICE	
EXISTING STORM	
EXISTING OVERHEAD ELECTRIC	
EXISTING BURIED ELECTRIC	
EXISTING OVERHEAD COMM	
EXISTING BURIED COMM	
EXISTING CURB STOP	
EXISTING WATER VALVE	
EXISTING GAS VALVE	
EXISTING GAS METER	
EXISTING SANITARY MANHOLE	
EXISTING STORM CATCH BASIN	
EXISTING STORM MANHOLE	
EXISTING LIGHT POLE	
EXISTING ELEC MANHOLE	
ROUTE INTERIOR PLUMBING	
SERVICE WATER PIPE	
ROCK ANTICIPATED ONSITE	

CITY OF DULUTH
DEPARTMENT OF PUBLIC WORKS AND UTILITIES
ENGINEERING DIVISION

CONSTRUCTION PLAN FOR LEAD SERVICE LINE REPLACEMENT (LSLR) - LONDON RD
LEAD WATER SERVICE LINE REPLACEMENT, HYDRANT REPLACEMENT, GRADING, BASE, ROADWAY PAVEMENT, SIDEWALK, CURB & GUTTER

LOCATION

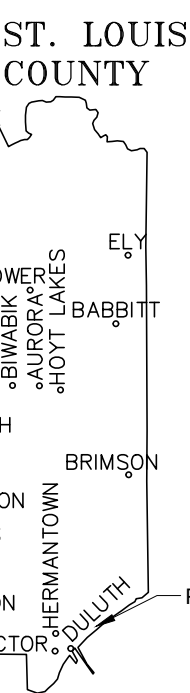
LONDON RD - 26TH AVE E TO 61ST AVE E



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

SCALES

SITE INDEX PLANS	1" = 150'
SERVICE REPLACEMENT PLANS	1" = 40'
HYDRANT REPLACEMENT PLANS	1" = 10'
UTILITY COORDINATION PLANS	1" = 40'



UTILITY NOTE:

THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D. THIS UTILITY 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".



21 W. Superior St., Ste. 500 | Duluth, MN
218.727.8446

PLAN REVISIONS		
DATE	SHEET #	APPROVED BY

CITY OF DULUTH PROJECT: 2305

MPFA PROJECT NO. 1690011-24

SHEET 1 OF 104

GOVERNING SPECIFICATIONS

- THE 2020 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN.
- THE CITY OF DULUTH PUBLIC WORKS AND UTILITIES DEPARTMENT ENGINEERING DIVISION 2019 EDITION STANDARD CONSTRUCTION SPECIFICATION SHALL APPLY.
- ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE LATEST MN MUTCD, INCLUDING THE LATEST FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS.

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
T1	TITLE SHEET AND INDEX MAP
I1-I8	SITE INDEX PLANS
Q1	STATEMENT OF ESTIMATED QUANTITIES
C1-C7	CHARTS
D1-D15	CONSTRUCTION DETAILS
E1	EROSION CONTROL, SWPPP, AND TRAFFIC CONTROL REQUIREMENTS
T1-T7	TRAFFIC CONTROL PLANS
S1-S45	SERVICE REPLACEMENT PLANS
H1-H6	HYDRANT REPLACEMENT PLANS
U1-U13	UTILITY COORDINATION PLANS

- THIS PLAN CONTAINS 104 SHEETS -

DESIGNERS:
(LHB) K. STUBLIC, D. GAYNOR, I. LARSON, C. FARROW, P. BARDEN

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.

PRINT NAME: KAITLYN STUBLIC
SIGNATURE:
DATE: 03/14/2025 LIC. #: 58578

CITY APPROVALS	
 Cindy Voigt APPROVED: DULUTH CITY ENGINEER	3/18/2025 13:15
 Cari Pedersen APPROVED: DULUTH CHIEF ENGINEER OF TRANSPORTATION	3/18/2025 13:49
 Howard Smith, PE APPROVED: DULUTH CHIEF ENGINEER OF UTILITIES	3/18/2025 13:14