EXISTING UTILITY LOCATIONS

THE CONTRACTOR SHALL VERIFY ALL EXISTING UNDERGROUND UTILITY LOCATIONS AND ELEVATIONS PRIOR TO CONSTRUCTION. ALL INPLACE UTILITIES MAY NOT BE SHOWN ON THIS PLAN & THOSE THAT ARE SHOWN, MAY NOT BE SHOWN IN THE EXACT LOCATIONS.

THE SUBSURFACE UTILITY INFORMATION IN THIS PLANSET IS UTILITY QUALITY LEVEL "D" AS DEFINED IN ASCE "STANDARD GUIDELINE FOR THE DEPICTION OF EXISTING SUBSURFACE UTILITY DATA".

SPECIFICATION REFERENCE

THE FOLLOWING SPECIFICATIONS SHALL APPLY TO THIS PROJECT:

1. CITY OF DULUTH 2017 STANDARD CONSTRUCTION SPECIFICATIONS.
2. ALL TRAFFIC CONTROL DEVICES AND SIGNING SHALL CONFORM TO MN MUTCD, INCLUDING THE CURRENT FIELD MANUAL.

GOPHER STATE ONE CALL
PHONE NUMBERS:
651-454-0002
800-252-1166 (TOLL FREE)
811
1-866-640-3637 (EMERGENCY LOCATES ONLY)
BASE BID IS TO PERFORM WORK ADJACENT TO WESTERN WATERFRONT TRAIL AT KNOWLTON CREEK:

1. A. REMOVE AND CONTROL NON-NATIVE INVASIVE PLANT SPECIES ON 46 ACRES.
   - This area has a light density of infestation:
     i. common buckthorn
     ii. eurasian honeysuckle
     iii. herbaceous non-native plants

B. REMOVE AND CONTROL MDA NOXIOUS WEEDS:
   - i. tansy
   - ii. Canada thistle
   - iii. purple loosestrife
   - iv. wild parsnip
   - v. garlic mustard
   - vi. Japanese knotweed

C. REMOVE AND CONTROL MN DNR INVASIVE SPECIES:
   - i. bird's foot trefoil
   - ii. crown vetch
   - iii. perennial sowthistle
   - iv. white and yellow sweet clover

2. KNOWLTON CREEK AREA: (SEE SPECIFICATIONS SP.4 AND SP.4.1.1)

The Minnesota DNR has completed a Stream Restoration Project in this area. Contractor to plant 500 white cedar (Thuja occidentalis) and 500 white pines (Pinus strobus) along the Knowlton Creek Restoration area and through the forest to provide regeneration, planting zones identified on sheet 3 of plan.

ADD ALTERNATE 1: (SEE SPECIFICATIONS SP.8.2.1)

restore area from invasive species infestation and plant a 75 ACRE POLLINATOR MEADOW / NORTHERN MINNESOTA POLLINATOR PLOT. Work includes herbicide treatment, seed bed preparation, seeding with SWSR PILOT SEED MIX, and signage.

CONSTRUCTION NOTES:

1. CONTRACTOR TO MAKE TRAIL CLOSURE PER SPECIFICATIONS WHEN PERFORMING WORK IMPACTING THE USE OF THE WESTERN WATERFRONT TRAIL. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE PAY ITEMS FOR THE REMOVAL OF INVASIVE SPECIES. IF WORK IS NOT DIRECTLY AFFECTING THE USE OF THE TRAIL, SMALL PLACARDS / SIGNS CAN BE USED ALONG THE TRAIL TO ALERT THE PUBLIC TO ONGOING INVASIVE SPECIES TREATMENT.

2. REFER TO SPECIAL PROVISIONS AND PLAN SHEETS FOR THE COVER CLASS AND PRESCRIBED TREATMENT OF EACH SPECIES OF INVASIVE WORK UNDER THIS PROJECT IS CLASSIFIED AS LIGHT DENSITY.

3. GPS FILES WILL BE MADE AVAILABLE TO THE SELECTED CONTRACTOR SHOWING BUCKTHORN REMOVAL AREAS.

4. A GIS SHAPE FILE WILL BE MADE AVAILABLE TO THE SELECTED CONTRACTOR WHICH SHOWS THE PROJECT LIMITS. CONTRACTOR SHALL UTILIZE GPS OR SIMILAR TECHNOLOGY TO REMAIN WITHIN THE WORK LIMITS AT ALL TIMES. CONTRACTOR IS RESPONSIBLE FOR ENSURING THEIR REMOVAL OPERATIONS ARE WITHIN THE BOUNDARY LIMITS OF THE PROJECT.
**48 Acre Restoration Area (Base Bid)**

**5.5 Acre White Cedar Planting Area (Base Bid)**

*See Specifications for specific treatment and planting requirements*