



To: All Plan Holders of Record

From: Verdantas LLC  
For the Owner

**Re:** *Addendum No. 4*  
*Nason Basin to Grove Avenue Storm Sewer Phase 1*  
*City of Willoughby*

Date: March 11, 2025

This Addendum forms a part of the contract documents and modifies the original bidding documents dated February 2025 and all previous addenda, if any. Acknowledge receipt of this addendum in the space provided in the bid forms. Failure to do so may subject the bidder to disqualification.

### **QUESTIONS AND ANSWERS**

Q1. If the contractor has to de-energize the power lines, 13,200 V & 36,000 V wires in order to tunnel under SR 2, is the contractor responsible for all the costs and charges from The Illuminating Company?

A1. The is no charge for the de-energizing of the 13,200 V and 36,000 V wires at the tunnel under SR 2.

Q2. For how long can we keep the above powerlines de-energized?

A2. 36kV lines can be de-energized, can't be dropped and may require re-energizing with 2-hour notice for system emergencies. 13.2 kV wires can be de-energized only between Nov. 1 and May 31, can't be dropped and may require re-energizing with 2-hour notice for system emergencies. It is the contractor's responsibility to coordinate with First Energy for the work to de-energize the lines.

Q3. Is CCTV and mandrel test sufficient for storm sewer testing?

A3. Yes.

Q4. Once tunneling operations begin, must tunnel operations be continuous?

A4. Yes.

## **PLANS**

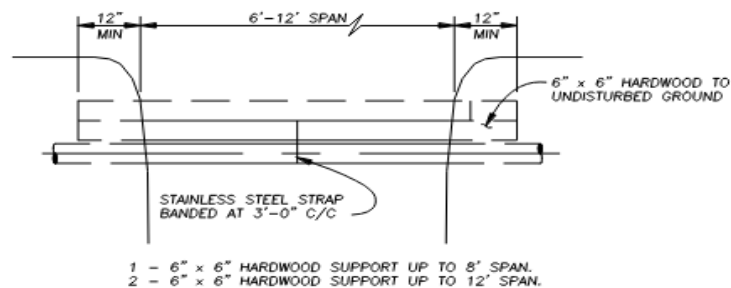
On plan sheet 054/43 **Replace** Note 5 under Material Specification with the following text:  
THE CARRIER PIPE FOR THE ROADWAY RIB & LAGGING TUNNEL SHALL BE FIBER REINFORCED PIPE, HIGH PERFORMANCE BELL AND SPIGOT DUROMAXX STEEL REINFORCED POLYETHYLENE OR APPROVED EQUAL. GROUT PORTS AND ROUND SKID RAIL TUBING AT THE CONTRACTOR'S DISCRETION.

**ADD** the following note to plan sheet 07/43:  
THE CONTRACTOR IS RESPONSIBLE FOR SUPPORT OF EXCAVATION AT THE BORE AND RECEIVING PITS.

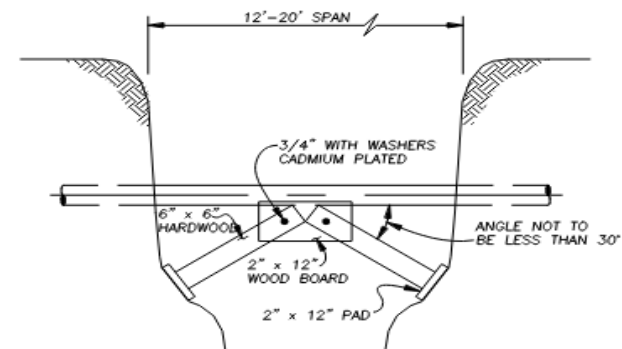
**ADD** attached detail FIG. 2.19.1 to plan sheet 32/43.

TL/LH:mep

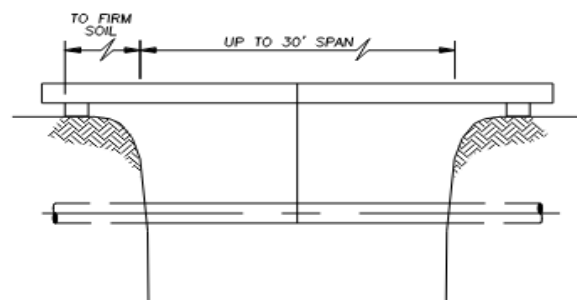
H:\2015\150772\SPEC\Addenda\Addendum 04\Addendum 04.Doc



SECTION



SECTION



SECTION

FOR SPANS UP TO 12' A 6" x 6" TIMBER MAY BE USED.  
OVER 12' USE A CLASS 4 OR BETTER UTILITY POLE. (ACCEPTABLE ALTERNATES INCLUDE 6" -219" WALL PIPE OR 6" x 3 I - BEAM.)  
BACKFILL MUST BE COMPLETELY COMPACTED OR PERMANENT SUPPORTS INSTALLED, OR NATURAL SETTLEMENT COMPLETE PRIOR TO REMOVING EXPOSED SUPPORTS.  
THIS METHOD OF SUPPORT IS TO BE USED FOR 6" AND 8" WATER MAINS ONLY.

THIS SYSTEM MAY BE USED FOR LONGER SPANS (UP TO 30') BY USE OF 6" x 6" CENTER TIMBER.

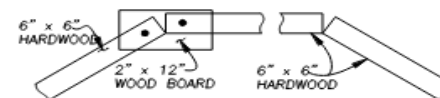


FIG 2.19.1

LAKE COUNTY DEPARTMENT OF UTILITIES		
SUPPORT OF WATER UTILITIES PERPENDICULAR TO EXCAVATION		
DATE: 09-10	DRAWN BY: D.D.B.	SCALE: NONE