

**Project: Highland Lake Water System – Phase 1 Improvements**  
**Project #: PW2020.108**  
**Bid Number: #23001**  
**Addendum #1**  
**Date: May 17, 2023**

**QUESTIONS RECEIVED**

Question 1: Was there an estimated cost/budget available for the project?

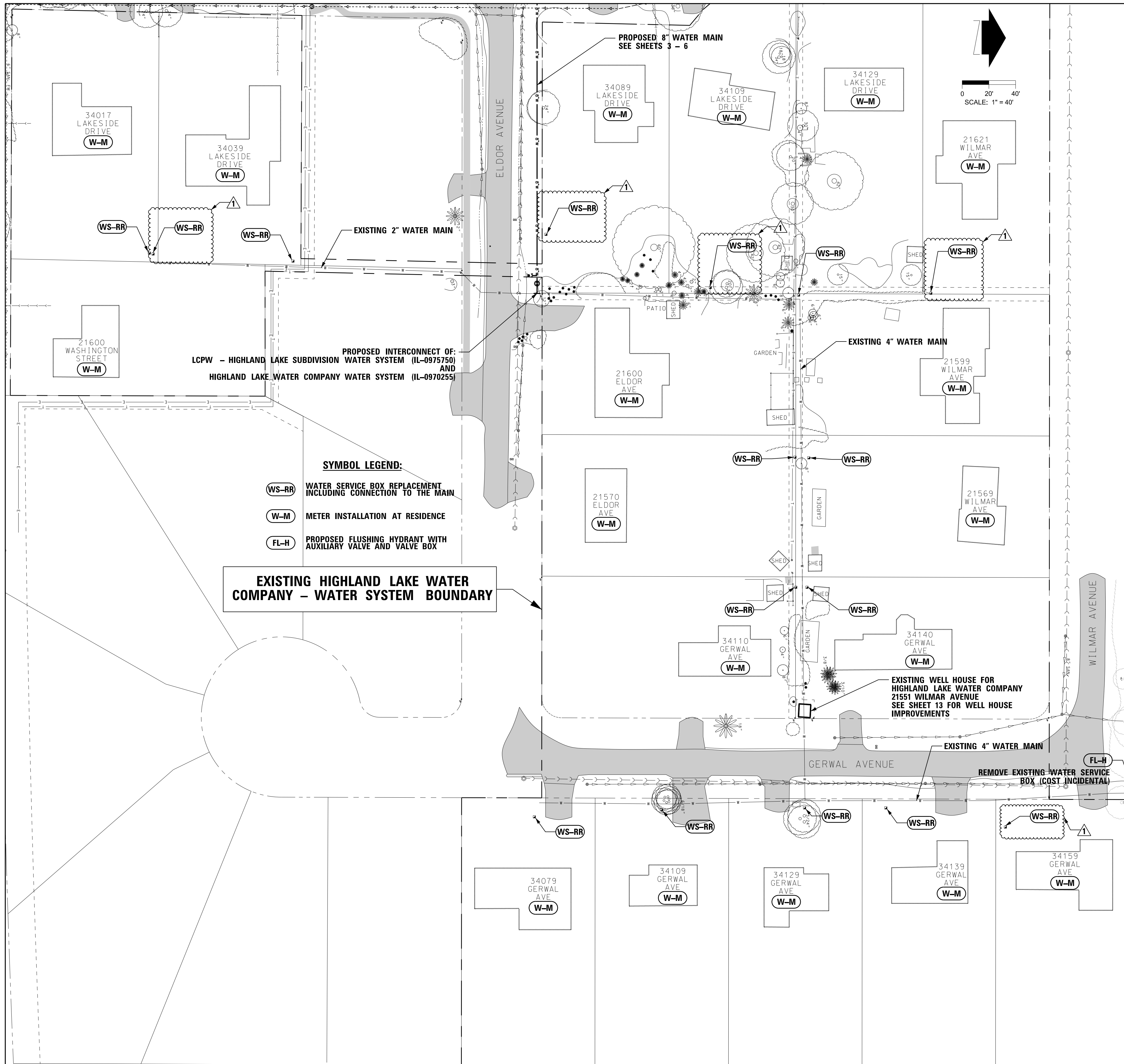
Answer 1: The engineer's opinion of probable construction for the project was \$795,025.00

**TO THE CONTRACT DOCUMENTS**

1. Bid Form, Page B-1, Paragraph 2, delete the second sentence in its entirety and replace it with, ***“This Bid will remain open for 90 days after the bid opening.”***

**TO THE DRAWINGS**

1. See revisions to Sheet 13 – “Meter Installation and Service Box Replacements” as part of Addendum No. 1. The revisions include the locations of water service boxes that were previously not shown on the plans.



**EXISTING HIGHLAND LAKE WATER COMPANY – WATER SYSTEM BOUNDARY**

- SYMBOL LEGEND:**
- (WS-RR)** WATER SERVICE BOX REPLACEMENT INCLUDING CONNECTION TO THE MAIN
  - (W-M)** METER INSTALLATION AT RESIDENCE
  - (FL-H)** PROPOSED FLUSHING HYDRANT WITH AUXILIARY VALVE AND VALVE BOX

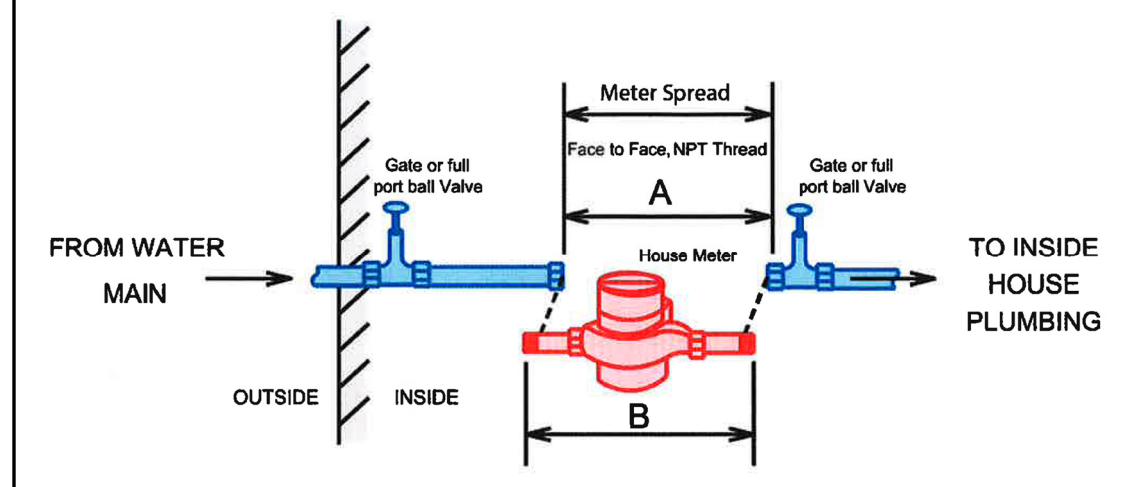
**METER INSTALLATION NOTES AND DETAILS**

N.T.S.

**NOTES:**

1. LAKE COUNTY PUBLIC WORKS WILL SUPPLY THE WATER METER WITH TRANSMITTER CONNECTED TO THE METER.
2. THE CONTRACTOR WILL BE RESPONSIBLE FOR SCHEDULING THE WATER METER INSTALLATION WITH EACH RESIDENT. THE CONTRACTOR SHALL PROVIDE EACH RESIDENT WITH AN ESTIMATED DURATION OF INTERRUPTION TO THEIR WATER SERVICE.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF EXISTING PIPING AND VALVES, INSTALLATION OF THE METER INCLUDING NEW VALVES (2) AT CONNECTION POINTS, FITTINGS AS NECESSARY, DISPOSAL AND FINAL CLEAN UP AT EACH RESIDENCE.
4. THE WATER METER SHALL BE INSTALLED IN ACCORDANCE WITH THE ILLINOIS PLUMBING CODE AND APPROVED AMMENDMENTS OF LCPW.
5. ALL PIPE SHALL BE SOUND AND CLEAN BEFORE INSTALLATION. THE EXISTING CONDITIONS OF THE PLUMBING FOR EACH RESIDENCE IS UNKNOWN AND THE CONTRACTOR SHALL DETERMINE THE LOCATION FOR EACH METER.
6. THE WATER METER INSTALLATION SHALL BE PERFORMED BY A LICENSED PLUMBER REGISTERED WITH THE STATE OF ILLINOIS.

**METER INSTALLATION SPECIFICATIONS**

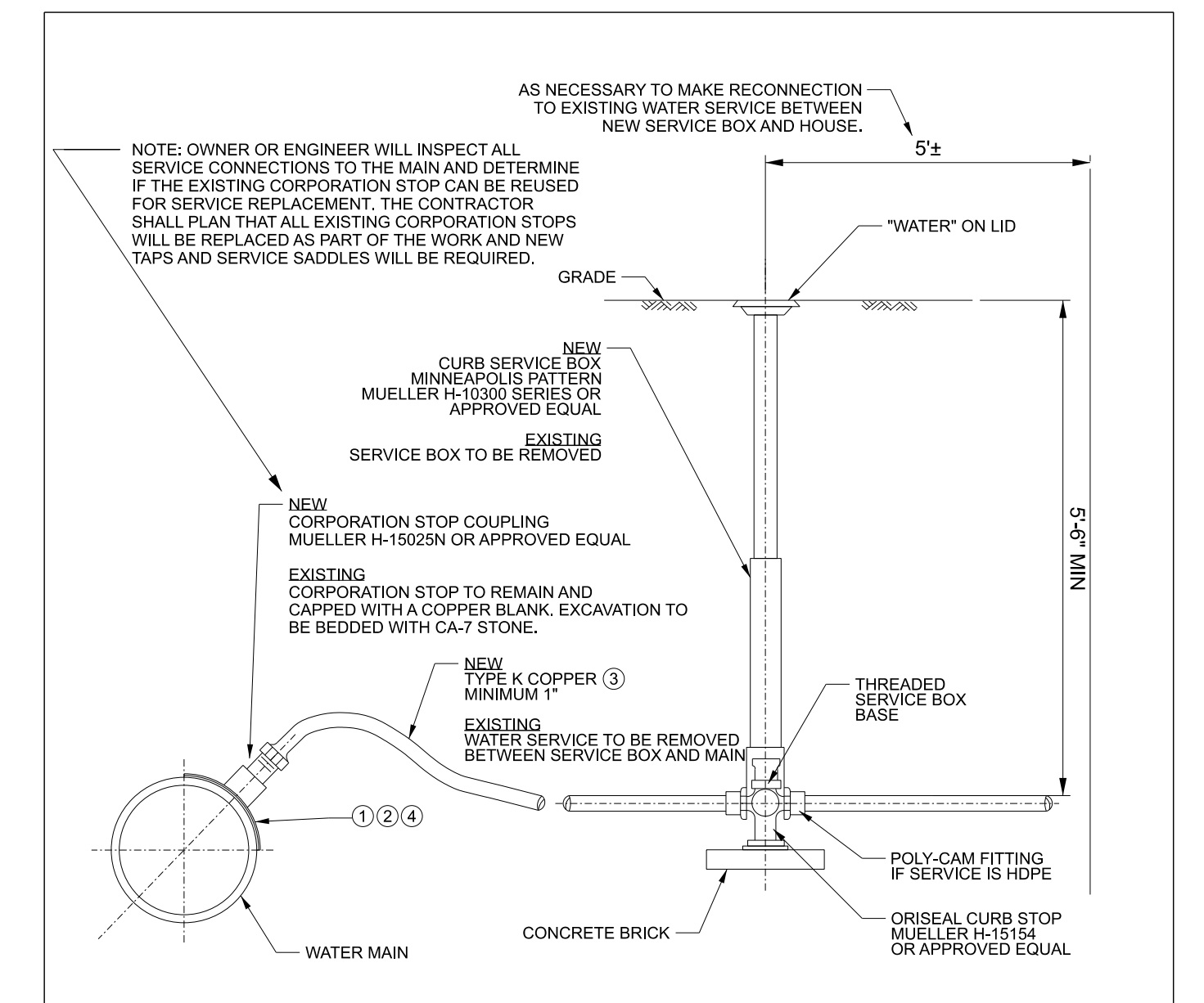


Water Meter and Swivel Connections Provided by Public Works.

MODEL	SIZE OF METER	METER LENGTH	"A" DISTANCE BETWEEN FITTINGS	"B" LENGTH OF METER (WITH CONNECTIONS)	SIZE OF VALVES	RANGE FLOW RATE (GPM)
MODEL 25	5/8" x 3/4"	7-1/2"	11-3/4"	12-1/2"	3/4"	.25 - 25
MODEL 55	1"	10-3/4"	15-1/2"	16-1/2"	1"	.5 - 70
E-SERIES (FLANGED, NOT NPT THREAD)	1-1/2"	13"	30"	30"	1-1/2"	.4 - 100

FOR INFORMATION ON 2", 3", 4" OR 6" METERS, PLEASE CONTACT THE METER DIVISION AT (847) 377-7174.

**LakeCounty** Department of Public Works  
 650 West Winchester Road  
 Libertyville, IL 60048  
 Phone: (847) 377-7500  
 Fax: (847) 984-5665  
 publicworks@lakecountyil.gov  
 11/15/2017  
 1148

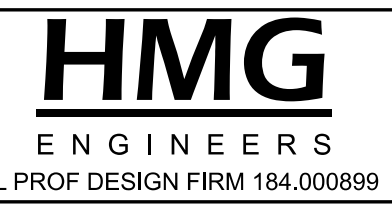


- NOTES:**
- ① UTILIZE FULL BODY SERVICE SLEEVE FOR PVC AND DUCTILE IRON WATERMAIN (SMITH BLAIR #372)
  - ② UTILIZE ELECTROFUSION SERVICE SLEEVE FOR HDPE WATER MAIN (FRATEC VA)
  - ③ SERVICE MATERIAL FROM MAIN TO B-BOX CAN ONLY BE TYPE K COPPER
  - ④ FULL PAD REPAIR SLEEVE REQUIRED FOR EXISTING TRANSITE/ACP PIPE
- HDPE PIPE SHALL BE PE 4710 DR9 RATED FOR A MINIMUM OF 180 PSI AND IN ACCORDANCE WITH AWWA C901. HDPE PIPE MAYBE PERMITTED IN LIEU OF COPPER FROM CURB BOX TO HOUSE. ANY OTHER MATERIAL FROM CURB BOX TO HOUSE TO BE APPROVED BY LCPW PRIOR TO INSTALLATION.

**LakeCounty** Department of Public Works

**WATER SERVICE BOX REPLACEMENT INCLUDING CONNECTION TO MAIN**

DATE: \_\_\_\_\_ ID: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_ DATE: \_\_\_\_\_



USER NAME = \$USERS	DESIGNED - DAA	REVISED - Δ 05/15/23 ADD. NO.1
PLOT SCALE = \$SCALES	DRAWN - DAA	REVISED -
PLOT DATE = \$DATES	CHECKED - SEZ	REVISED -
	DATE - DECEMBER 2022	REVISED -



**HIGHLAND LAKE WATER COMPANY METER INSTALLATION AND SERVICE BOX REPLACEMENTS**

SCALE: 1" = 40' SHEET 13 OF 16 SHEETS STA. TO STA.

PROJECT	COUNTY	TOTAL SHEETS	SHEET NO.
HLWS INTERCONNECT - PHASE 1	LAKE	16	13
	HMG JOB NO.	8435	
ILLINOIS			