



**TOWN OF PALMER LAKE  
BOARD OF TRUSTEES - AGENDA MEMO**

<b>DATE:</b> June 11,2026	<b>ITEM NO.</b>	<b>SUBJECT:</b> Project Funding Request – Shandy Lane Water Main Replacement Project – Phase 1
<b>Presented by:</b> Charles Roubidoux Water Supervisor/ ORC		

**MEMORANDUM**

**Purpose**

The purpose of this memorandum is to request approval of \$148,000 to fund Shady Phase 1, a water main replacement project consisting of approximately 560 linear feet of water main on Shady Lane. The project is necessary to replace deteriorating infrastructure, reduce the risk of future service interruptions, and improve the reliability and resiliency of the Town’s water distribution system.

**Recommendation**

Staff recommend approval of \$148,000 for the Shady Phase 1 Water Main Replacement Project. The existing infrastructure on Shady Lane includes a 4-inch cast iron water main located on the west half of the roadway that dates to the late 1930s and a 2-inch cast iron main on the east half with an unknown installation date. Additionally, the west end of Shady Lane currently functions as a dead-end section of water main, limiting operational flexibility and reducing system resiliency. In May 2026, the Town experienced two separate water main breaks on Shady Lane, highlighting the deteriorated condition and vulnerability of the existing system. Construction in this area presents unique challenges due to the roadway’s narrow one-way configuration and congested underground utilities. These conditions have delayed replacement efforts despite longstanding recognition of the need for improvement. Continued reliance on spot repairs is not a sustainable solution. Emergency repairs increase maintenance costs, disrupt service to residents, and expose the Town to additional infrastructure failures. Approval of this funding request will allow the Town to proactively address a known high-risk segment of the water distribution system.

**Conclusion**

The Shady Phase 1 project will replace aging and unreliable water infrastructure, eliminate the dead-end section of main at the west end of Shady Lane, improve firefighting capabilities through the installation of new hydrants, enhance distribution system resiliency, and reduce the likelihood of recurring emergency repairs. Approval of this funding request will provide a long-term infrastructure solution that improves system reliability, public safety, and service delivery while reducing future maintenance and emergency response costs. Staff respectfully recommend approval of the requested \$148,000 for the Shady Phase 1 Water Main Replacement Project.