



AGENDA MEMORANDUM

Planning Commission Meeting of November 1, 2017

DATE: October 23, 2017

TO: William J. Green, P.E., Interim Director, Development Services

FROM: Ratna Pottumuthu, P.E., Engineer IV, Development Services
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Water Master Plan Amendment in the Areas of London and Crosstown/FM 43

CAPTION:

Ordinance amending the City of Corpus Christi (the "City") Comprehensive Plan by amending the City's Water Distribution System Master Water Plan in the London Area and around the intersection of Crosstown Expressway (SH 286) and FM 43; providing for severance; and providing for publication.

PURPOSE:

The purpose of this item is to update the City's Water Master Plan for the London Area outside City Limit within the extra-territorial jurisdiction (ETJ) and adjust the plan based on the as-built location of transmission mains.

BACKGROUND AND FINDINGS:

The purpose of the proposed amendment is to:

- Facilitate the development of an adequate water grid system.
- Facilitate orderly development.
- Satisfy a need for redundancy in the system, which provides a backup water supply and improves water quality and pressure.
- Update the plan to reflect existing conditions.

London Area is located outside City Limits within City's ETJ. London area continues to grow requiring an increased demand for water. Outside the City Limits, the London area is contained within the City's Certificate of Convenience and Necessity (CNN) service area to provide water. The City also has jurisdiction of subdivision platting within ETJ and the London Area is within the City's ETJ. To facilitate orderly development, staff proposes to amend the 1997 Water Master Plan in the following ways:

- Update the plan to reflect the as-built location of transmission mains:
 - Adjust the location of the existing 48" transmission main from Greenwood Drive to the Oso Creek Pumping Plant on Staples Street (FM 2444).
 - Update the line size required on SH 286 south of the Oso Creek due to relocation of the 48" transmission main.
 - Add the 16" transmission main on FM 43 west of SH 286.
- Require a 12" grid main along County Road (CR) 33 where no line is currently proposed.

ALTERNATIVES:

Denial or alteration of the proposed Water Master Plan amendment.

OTHER CONSIDERATIONS:

Developers are fully or partially reimbursed from the Developers' Trust Funds for constructing infrastructure according to the master plans. Amending the Water Master Plan will allow developers to be reimbursed for constructing improvements that serve a public purpose.

CONFORMITY TO CITY POLICY:

The proposed amendment conforms to City policy and the Comprehensive Plan.

DEPARTMENTAL CLEARANCES:

Utilities Department
Planning
Legal

FINANCIAL IMPACT:

☐ Operating ☐ Revenue ☐ Capital ☒ Not applicable

Fiscal Year: 2017-2018	Project to Date Expenditures (CIP only)	Current Year	Future Years	TOTALS
Line Item Budget				
Encumbered / Expended Amount				
This item				
BALANCE				

Fund(s):

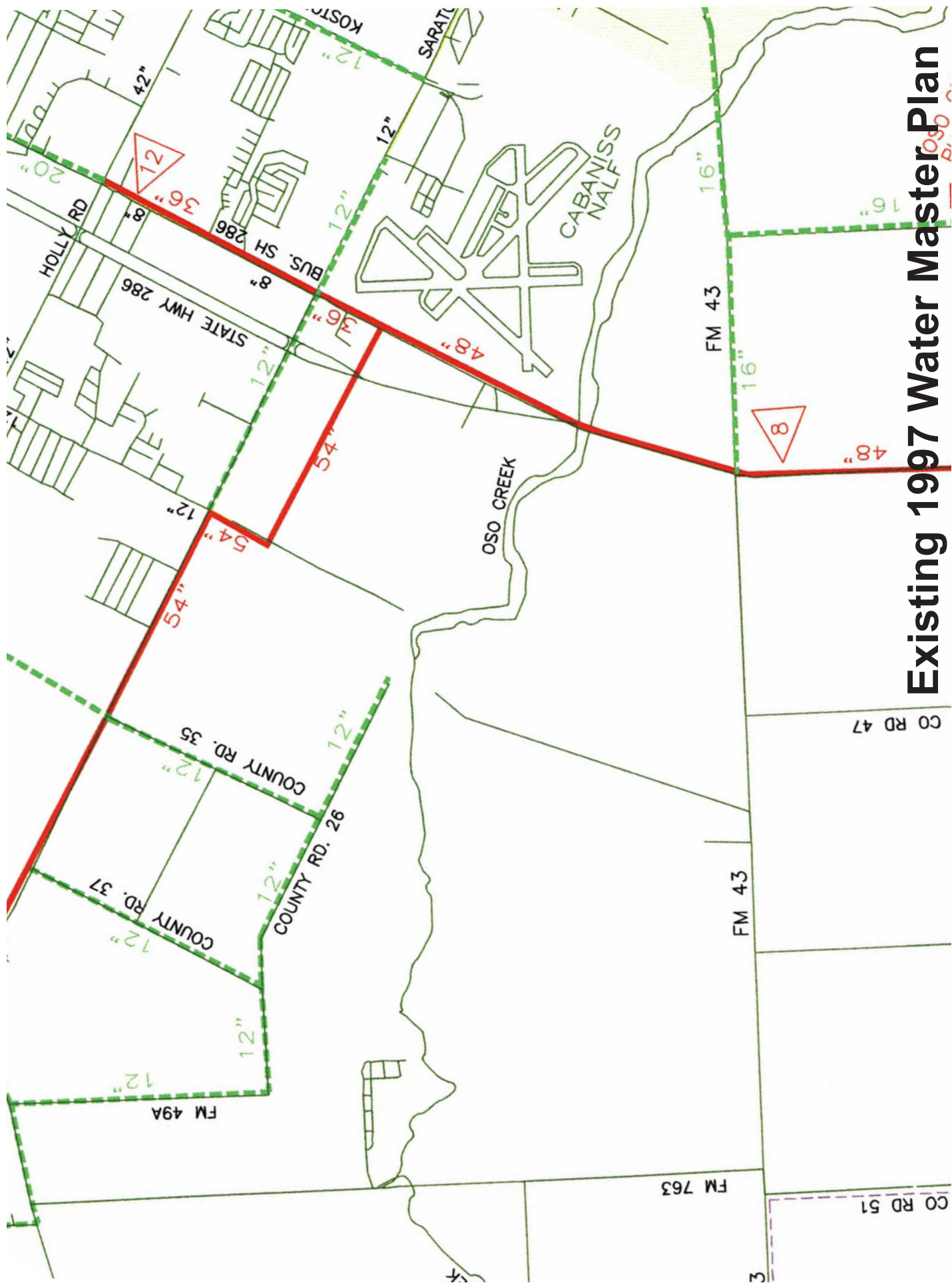
Comments: None

RECOMMENDATION:

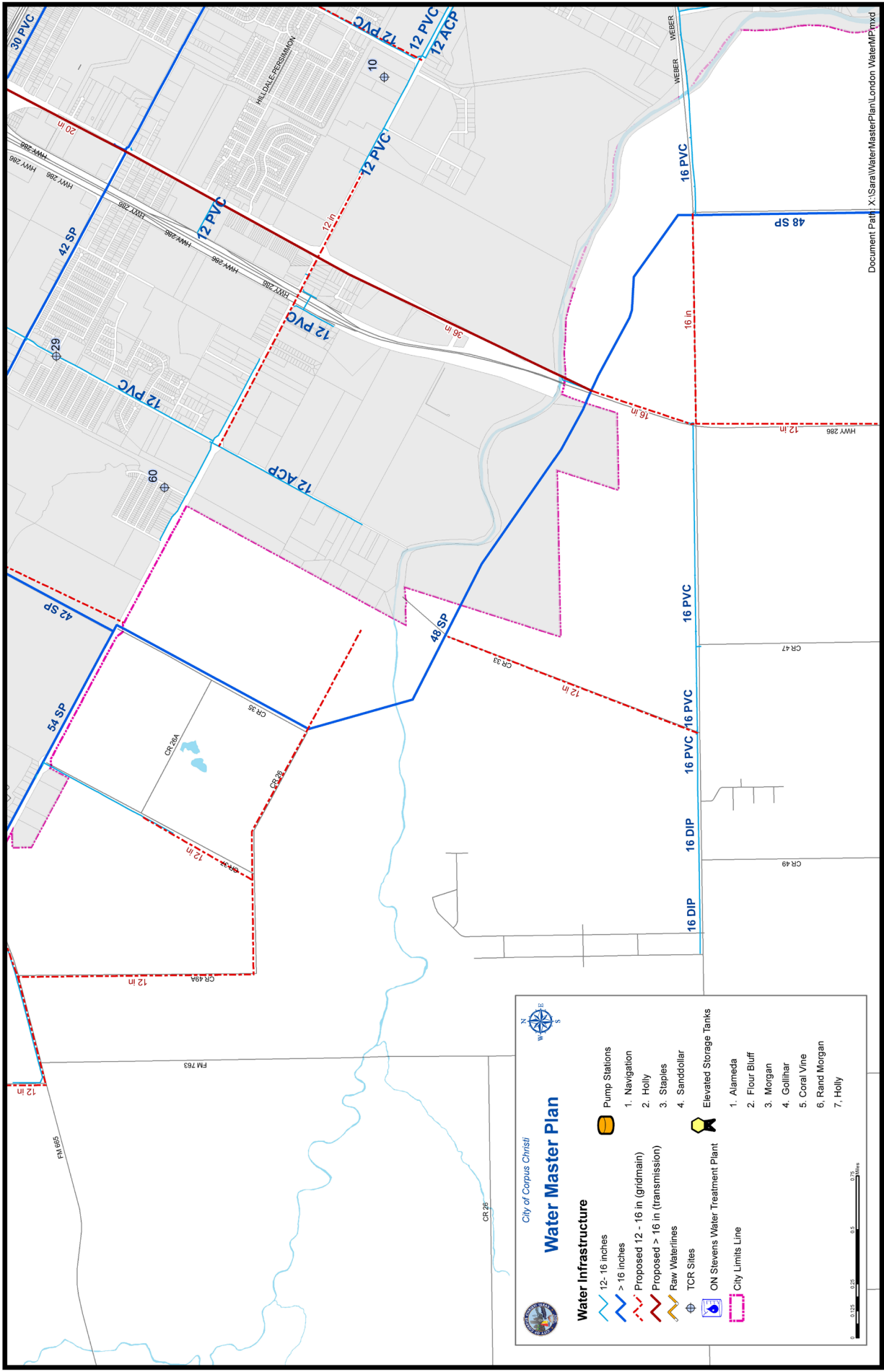
Staff recommends approval of the proposed amendments to the Master Water Plan.

LIST OF SUPPORTING DOCUMENTS:

- Current Water Master Plan
- Proposed Water Master Plan
- PowerPoint



Existing 1997 Water Master Plan



Proposed Water Master Plan