

Memorial Drive Mobility & Drainage Improvements Project

Drainage Presentation

10/28/2015

WBS No. T-1738A

DRAFT



Lockwood, Andrews
& Newnam, Inc.
A LEO A DALY COMPANY



TIRZ 17
REDEVELOPMENT
AUTHORITY

OBJECTIVE

**PROPOSED DRAINAGE DESIGN
CONCEPT FOR MEMORIAL DR.**

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PROJECT STATUS

- PER
- TRC
- PH II

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PROJECT LIMITS



NO ADVERSE IMPACTS CRITERIA

- Any drainage project discharging into receiving streams and/or bayous must have NO ADVERSE IMPACT**
- Project MUST NOT increase flow into stream/bayou.**
- Impact Analysis Report**

EXISTING CONDITIONS

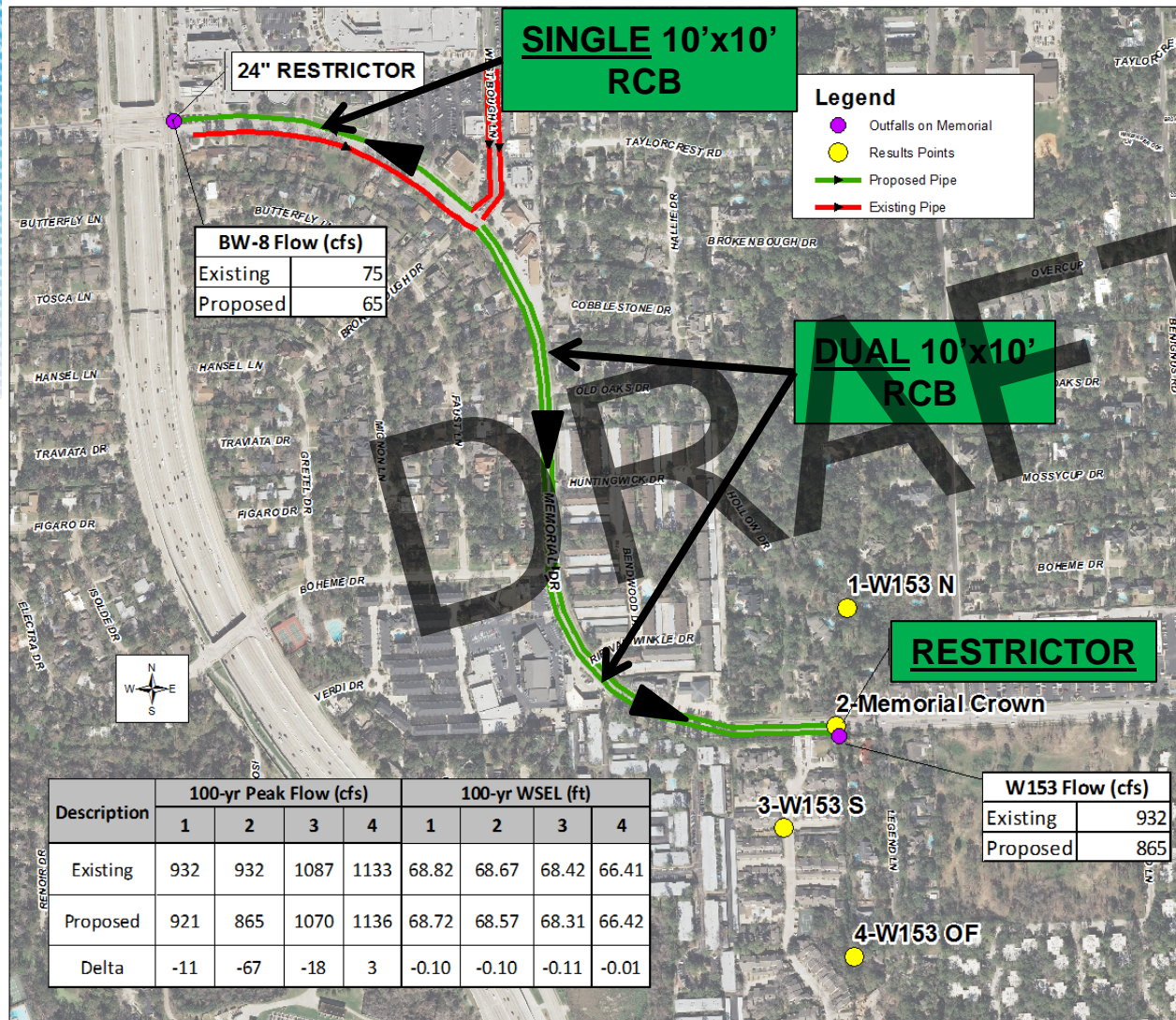


EXISTING DRAINAGE

- Inadequate Side Ditches & Underground Storm Sewers
- Does Not Meet City's 2-yr/100 Year Criteria
- Surrounding Area Prone to Flooding

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PROPOSED CONDITIONS



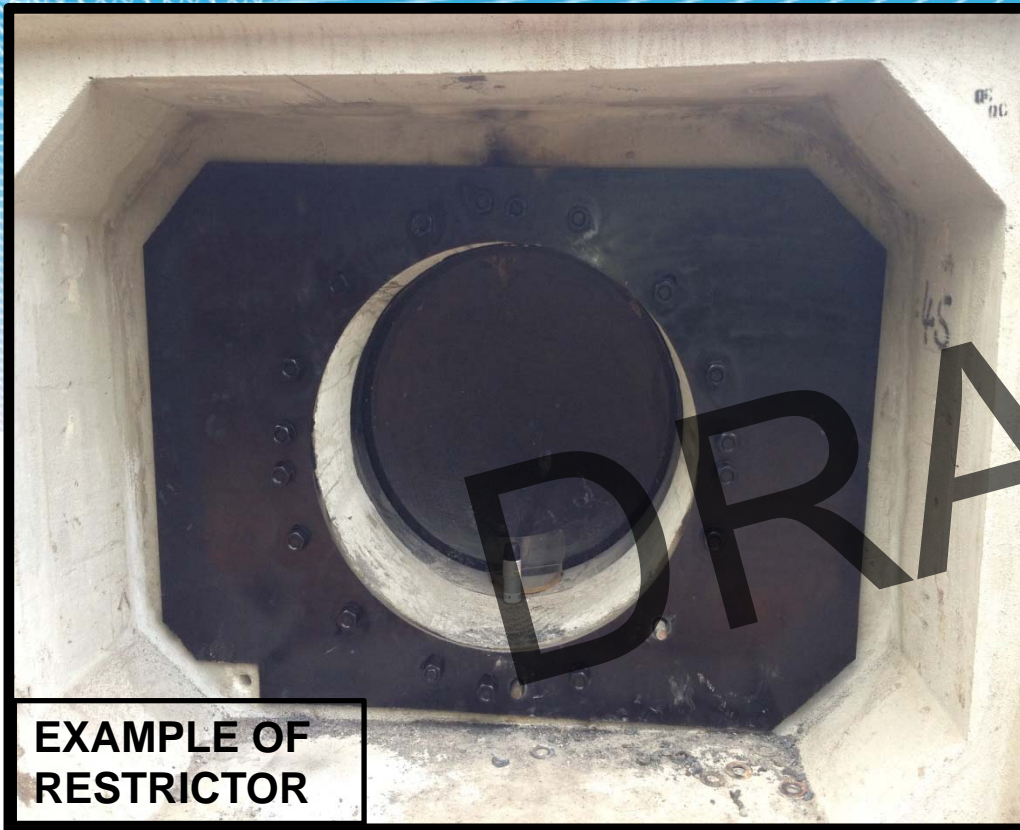
PROPOSED IMPROVEMENTS

- No Change to Existing Drainage Patterns
- Single/Dual 10'x10' Concrete Boxes with Restrictors at Outfalls
- 10-year level of protection
- 12+ acre/feet Net Subsurface Detention
- Reduction in Area Flooding

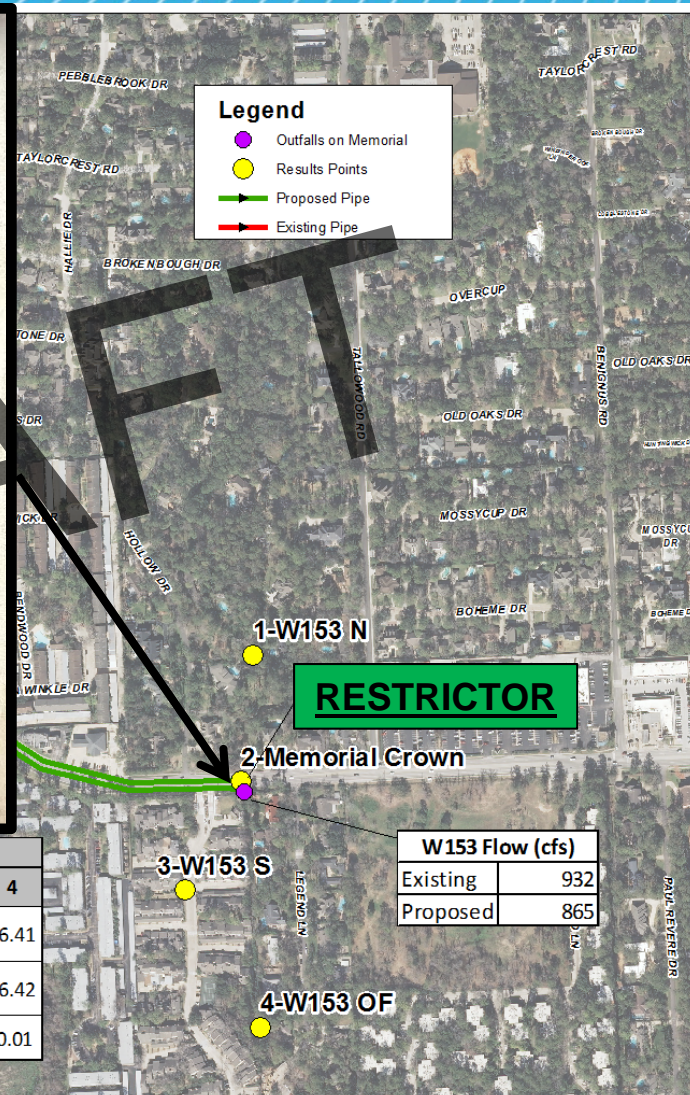
EXAMPLE OF DUAL 8-FT x 6-FT RCB



EXAMPLE OF RESTRICTOR



EXAMPLE OF RESTRICTOR



Questions/ Comments

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