



Fog Seal Versus Thin Asphalt Overlay

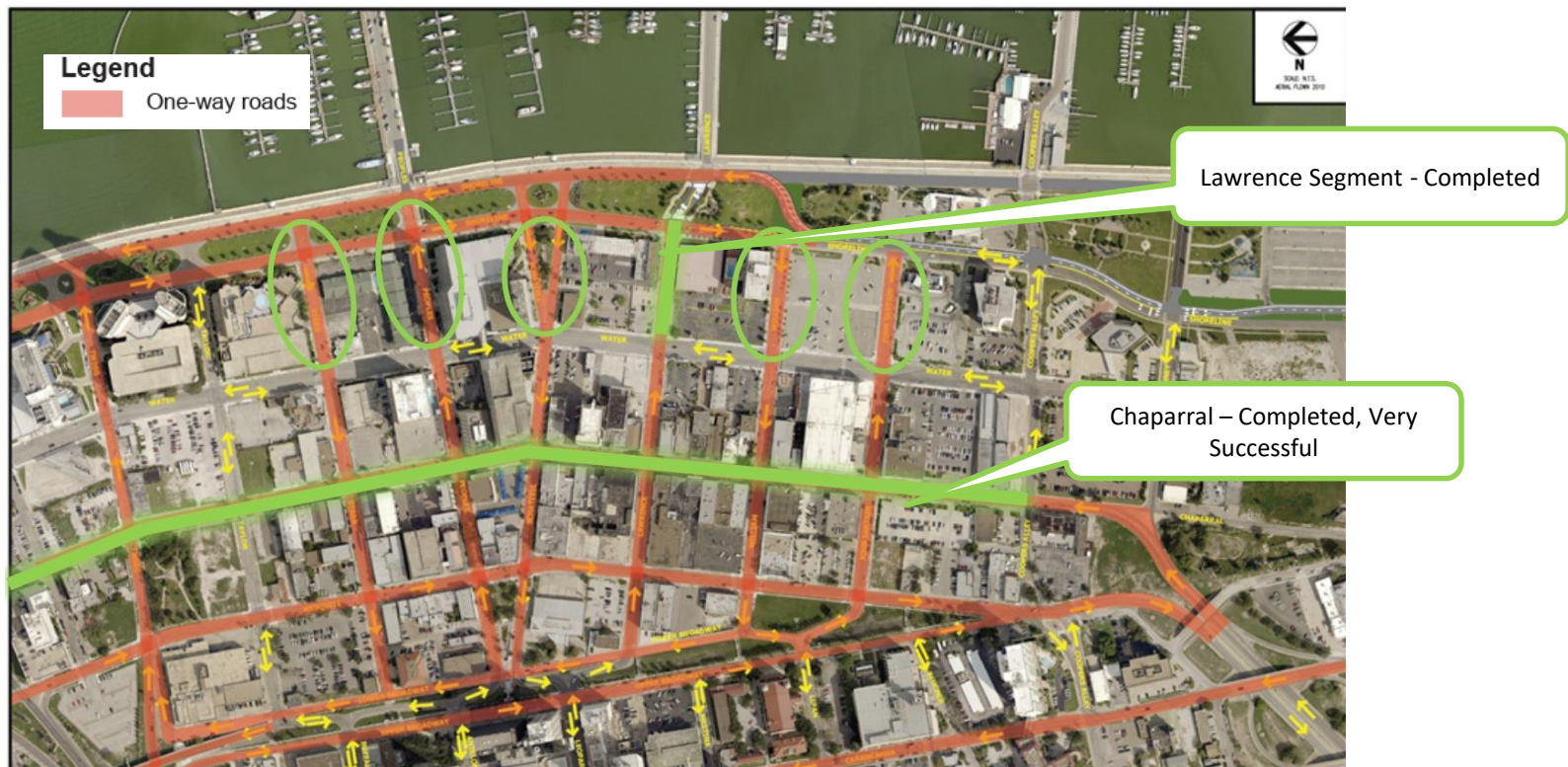
By

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Shoreline Adjacent Two-Way Conversion

- TIRZ #3 Traffic & Planning Analysis, public criticized one-way streets connected to Shoreline Boulevard as confusing and intimidating.
- Bond 2014 Water Street Signalization added mast arms to facilitate conversion.
- Council Approved Ordinance in 2018, Street Re-Striping Remains Outstanding



Fog Seal Versus Thin Overlay

What is a Fog Seal?

A fog seal is an application of a specialty formulated emulsion (a thin liquid oil) to an existing asphalt pavement surface. A fog seal gets its name from its spray application, sometimes referred to as “fogging”.



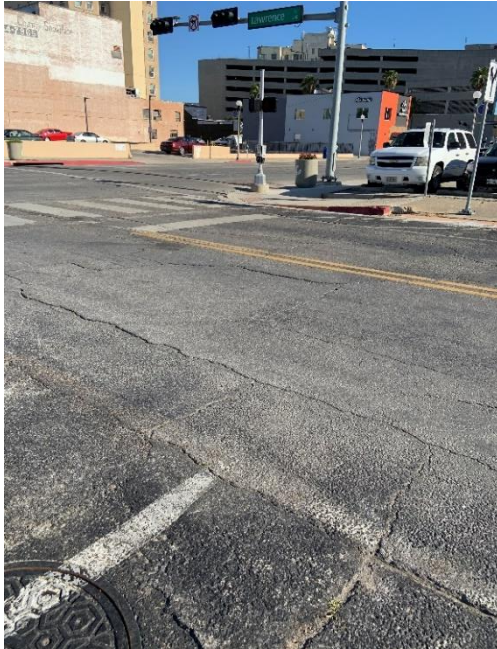
What is a Thin Asphalt Overlay?

A thin asphalt overlay placed for pavement preservation are functional overlays of less than 1-1/2 inches to extend the service life of the pavement and are not intended to add structural capacity. The key benefit of a thin asphalt overlay are improved ride, corrected rutting, impermeability and reduced noise.





Prior Fog Seal Lawrence Street – Water to Shoreline



Points to be noted:

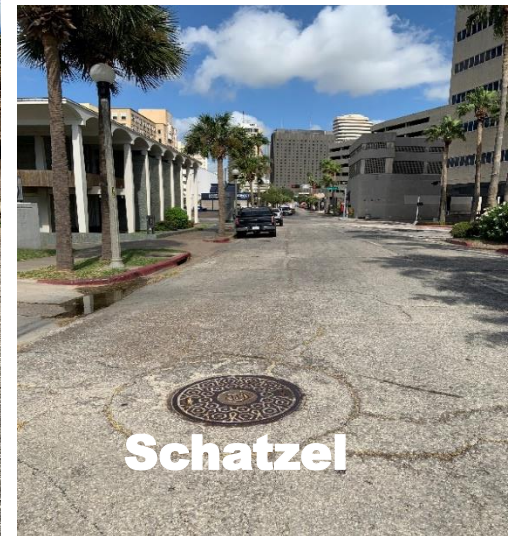
- Pavement Cracking shows through Fog Seal
- Pavement Marking Bleed through Fog Seal



Fog Seal Versus Thin Asphalt Overlay Cost Difference

	Fog Seal (1)	Thin Asphalt Overlay (2)
John Sartain	\$13,011.50	\$47,477.00
Lomax	\$13,358.00	\$47,872.50
Schatzell	\$19,485.00	\$72,767.50
Peoples	\$13,297.50	\$45,903.00
Starr	\$14,299.00	\$48,353.50
<u>HBS</u>		<u>\$79,712.54</u>
Total		<u>\$342,020.04</u>

Current Condition





Staff Recommendation: Thin Asphalt Overlay



**Funds are available in
TIRZ #3 Budget.**

Staff recommends Option 2:

- Thin Asphalt Overlay
- Pavement/Base Rehabilitation
- Sign Installation
- Pavement Marking

Grand Total

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• Lomax	\$47,872.50
• Schatzell	\$72,767.50
• Peoples	\$45,903.00
• Starr	\$48,353.50
• HBS	\$79,712.54
<u>Total</u>	<u>\$342,020.04</u>



Questions?
