



Sachse, Texas

Sachse City Hall
3815-B Sachse Road
Sachse, Texas 75048

Meeting Agenda City Council Workshop

Tuesday, June 9, 2015

6:30 PM

Council Chambers

1. The City Council of the City of Sachse will hold a Workshop Session on Tuesday, June 9, 2015, at 6:30 p.m. in the Council Chambers at the Sachse City Hall, 3815 Sachse Road, Building B, Sachse, Texas to discuss the following items of business:

2. **Discussion Items.**

3. *Please note: These items are for discussion purposes only and no Council action will be taken. The workshop session is for City Council and staff discussion, citizen input is not permitted on this agenda.*

[15-2859](#)

Discuss the design elements for Phase 1 of the widening of Sachse Road and 5th Street, a joint project with Dallas County.

Executive Summary

Dallas County and the City of Sachse are partners in the widening of 5th Street and Sachse Road. The preliminary engineering design for the project is complete. Dallas County and the City of Sachse will consider a Project Specific Agreement for the design and construction of Phase 1 at a future City Council meeting. Phase 1 includes 5th Street from State Highway 78 to Sachse Road, and Sachse Road from 5th Street to Miles Road. This item is to discuss the design elements of Phase 1 in preparation for the upcoming Project Specific Agreement.

Attachments: [Sachse Road Update Presentation 3-2-15 PDF](#)

4. **Adjournment.**

State law prohibits the introduction or discussion of any item of business not posted at least seventy-two (72) hours prior to the meeting time.

Posted: June 5, 2015; 5:00 p.m. Terry Smith, City Secretary _____



Legislation Details (With Text)

File #: 15-2859 **Version:** 1 **Name:** Sachse Road & 5th Street Discussion
Type: Discussion Item **Status:** Approved
File created: 6/5/2015 **In control:** City Council Workshop
On agenda: 6/9/2015 **Final action:**
Title: Discuss the design elements for Phase 1 of the widening of Sachse Road and 5th Street, a joint project with Dallas County.

Executive Summary

Dallas County and the City of Sachse are partners in the widening of 5th Street and Sachse Road. The preliminary engineering design for the project is complete. Dallas County and the City of Sachse will consider a Project Specific Agreement for the design and construction of Phase 1 at a future City Council meeting. Phase 1 includes 5th Street from State Highway 78 to Sachse Road, and Sachse Road from 5th Street to Miles Road. This item is to discuss the design elements of Phase 1 in preparation for the upcoming Project Specific Agreement.

Sponsors:

Indexes:

Code sections:

Attachments: [Sachse Road Update Presentation 3-2-15 PDF](#)

Date	Ver.	Action By	Action	Result
------	------	-----------	--------	--------

Title

Discuss the design elements for Phase 1 of the widening of Sachse Road and 5th Street, a joint project with Dallas County.

Executive Summary

Dallas County and the City of Sachse are partners in the widening of 5th Street and Sachse Road. The preliminary engineering design for the project is complete. Dallas County and the City of Sachse will consider a Project Specific Agreement for the design and construction of Phase 1 at a future City Council meeting. Phase 1 includes 5th Street from State Highway 78 to Sachse Road, and Sachse Road from 5th Street to Miles Road. This item is to discuss the design elements of Phase 1 in preparation for the upcoming Project Specific Agreement.

Background

Dallas County partners with cities to fund roadway construction projects through their Major Capital Improvement Program (MCIP). Call for projects are issued every other year and the submitted projects are ranked, prioritized, and selected through an extensive selection process. The City submitted Sachse Road for the 5th call for projects, with the original project limits being identified as Sachse Road from SH 78 to the eastern City limit. The Sachse Road project was funded by Dallas County to cover the costs of preliminary design and a feasibility study.

The preliminary design project limit begins on 5th Street at State Highway 78, extends south through the intersection with Sachse Road and then continues east on Sachse Road to the Dallas County line. While preliminary design is critical for establishing the final configuration of the widened roadway, the construction project has been broken into four phases due to funding limitations. The final configuration of the roadway will determine the cost to construct each phase.

Dallas County selected Huitt Zollars as the engineering consultant for the preliminary design of Sachse Road. Previously in a City Council Workshop, City staff, Dallas County staff, and the consulting engineer presented multiple alignment options for several key locations in the four proposed phases of improvements in the Sachse Road corridor. The engineering consultant utilized the feedback from the workshop to move forward with the preliminary design, which is complete.

The presentation from the March 2, 2015 City Council Meeting is attached for informational purposes.

City staff held a Community Meeting with citizens on May 6th in order to provide information on the project and answer citizen questions. Dallas County staff and the design engineer attended the meeting to assist in answering citizen questions.

Dallas County has identified funding for Phase 1 of the project and is preparing to move forward with final design of Phase 1 later this year. In an upcoming City Council meeting, staff will bring a Project Specific Agreement to the City Council for consideration. This agreement will outline the 50/50 funding match between the County and the City for the design and construction of Phase 1.

Below is the current timeline for Phase 1:

City Council Workshop	April 7, 2014
Schematic Design Complete	December 2014
Preliminary Design Complete	March 2015
Final Design Contract (Dallas County)	March 2015
City Council Update	March 2, 2015
Community Meeting (City Staff)	May 6, 2015
Project Specific Agreement (City Council)	July 2015
Final Plans Complete	Fall 2016
ROW/Easement Acquisition (Dallas County)	Fall-Winter 2016/17
Start Construction	Spring-Summer 2017
Complete Construction	Fall-Winter 2018/19

In addition to the paving and drainage improvements, the City may choose to include landscaping, street lighting, and utility improvements into the scope of the project, at the City's cost. The additional City-scope items will need to be included in the final design of the

project in order to be included in the construction documents for Phase 1.

Key Design Elements to Discuss:

- 5th Street & Sachse Road Intersection
- Street Sections
- Pedestrian and Bicycle Paths
- Drainage
- Street Lighting
- Landscaping

Policy Considerations

The widening and reconstruction of 5th Street and Sachse Road from SH 78 to the City limit is shown on the City's Master Thoroughfare Plan (MTP). The roadway is planned to be a four-lane divided concrete roadway with curb and gutter and an underground storm drainage system, which will replace the two lane asphalt roadway and borrow ditch drainage system.

Dallas County is serving as project manager for the project and is coordinating the project with the City of Sachse throughout the design process. The reconstruction of Sachse Road is a very complex project. The engineering consultant has completed the preliminary design for the project. Staff is prepared to discuss the next steps to take for the project.

Budgetary Considerations

The project is in the late stages of preliminary design. Currently the schematic opinion of probable construction cost for Phase 1 is \$5,640,000.00. The City's portion of the cost is 50%, currently estimated to be \$2,820,000.00. As the final design process moves forward, more cost data will be provided to the City of Sachse for review.

Staff Recommendations

Discuss and provide direction to City staff regarding the design elements for Phase 1 of the widening of Sachse Road and 5th Street.



Sachse Road Update

City Council
March 2, 2015

Overview

- Project Partners
- Preliminary Design
- Project Phasing
- Phase 1
- Phase 1 Timeline

Project Partners

- City of Sachse
- Dallas County **(Project Lead)**
- City of Wylie **(Future Phase 2)**
- Huitt Zollars **(Design Engineer)**



HUITT-ZOLLARS

Preliminary Design

- Huitt Zollars prepared schematic design documents for the entire length of the project, including:
 - 5th Street from State Highway 78 to Sachse Road
 - Sachse Road from 5th Street to the County Line



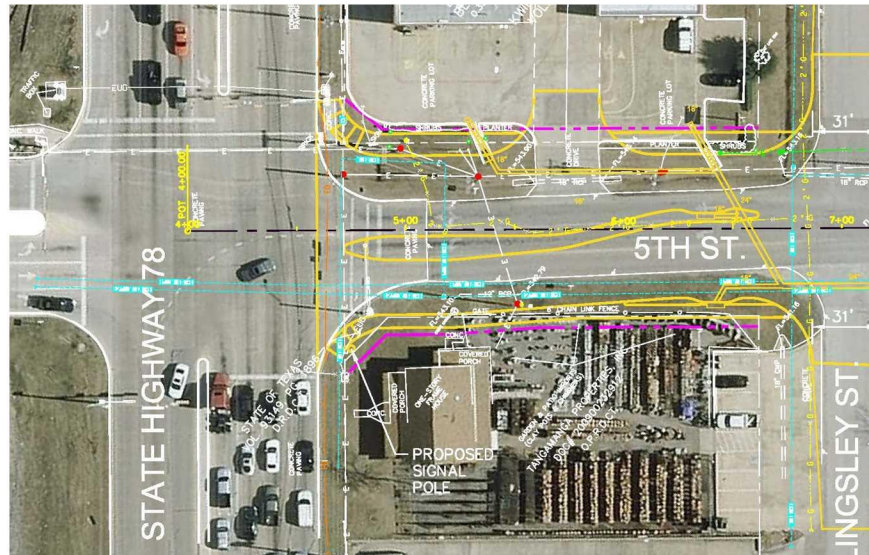
Project Phasing



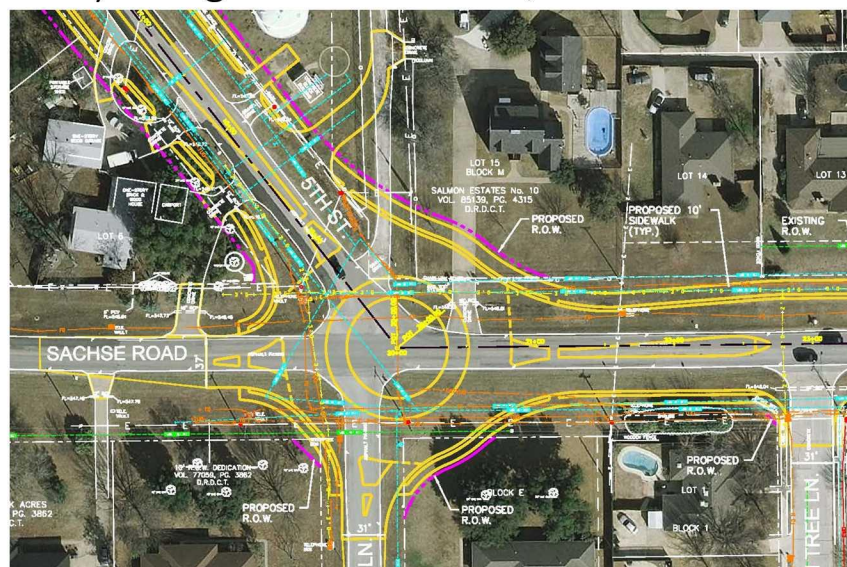
Phase 1 – County funding is available, final design to begin this year
 Phases 2-4 – will require future final design & funding

Phase 1 – 5th Street & Sachse Road

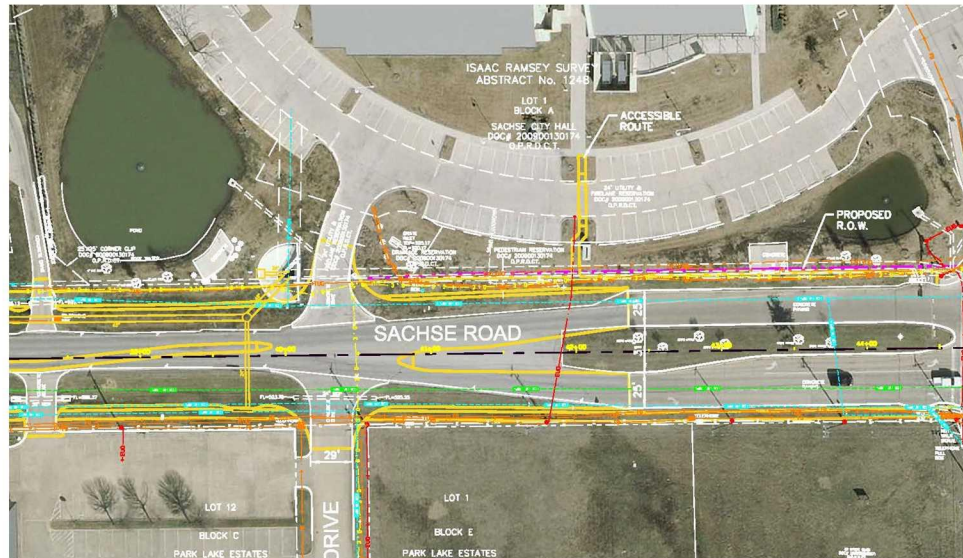
- Project Limits are from State Highway 78 to Miles Road
- Project Funding for the project is available from Dallas County (50/50 Match)
- Design Elements include:
 - 4-Lane Divided Concrete Street w/Curb
 - Modern Roundabout – Sachse Rd. @ 5th Street
 - Turn Lanes
 - Median Openings
 - 6' & 10' Wide Concrete Sidewalks
 - Barrier Free Ramps
 - Storm Drainage System



Preliminary Design - Sachse Road/5th Street Intersection



Preliminary Design - Sachse Road near City Hall



Phase 1 – Potential City Design Elements

- If requested by the City, the following items could be included into the project scope, at the City's expense:
 - Street Lighting
 - Landscaping
 - Hardscaping
 - Additional Utilities in the Right-of-way (Water, Sanitary Sewer)

Phase 1 – Project Funding

- Preliminary Cost Estimate: \$5.64M
 - City of Sachse - \$2.82M
 - Dallas County - \$2.82M
- Potential City Funding Source:
 - The 2006 Bond fund balance may be utilized to fund the project
 - City Council action will be required to allocate the funding

Phase 1 Preliminary Timeline



• Schematic Design Complete	December 2014
• Preliminary Design Complete	March 2015
• Final Design Contract (Dallas County)	March 2015
• Community Meeting (City/County/Engineer)	May 2015
• Project Specific Agreement (City Council)	June 2015
• Final Plans Complete	Fall 2016
• ROW/Easement Acquisition (Dallas County)	Fall-Winter 2016/17
• Start Construction	Spring-Summer 2017
• Complete Construction	Fall-Winter 2018/19

Discussion Topics

- City Design Elements
 - Landscaping
 - Street Lighting
- Roundabout at 5th/Sachse Road
- Spring Community Meeting