



Roundabout Committee

Date: March 5, 2019

Location: Online Meeting (Host: TTI & City of Sugar Land)

Meeting Minutes

- 1) Call to Order
- 2) Welcome and Introductions
- 3) TRB Standing Committee on Roundabouts meeting updates (Wade Odell)
 - From the TRB Annual Meeting

Wade Odell provided a summary of the TRB Standing Committee on Roundabouts meeting held on Wednesday January 16 in Washington, DC. The committee discussed the success of the Roundabout Theater, which publically showcases various roundabouts and innovative intersection designs (for one day at TRB). Wade said that updates have been completed for the TRB Standing Committee on Roundabouts website and complimented Abram Van Elswyk on the website updates (including the work he does with TexITE). He also mentioned that Phil Demosthenes is stepping down as the Research Coordinator, and Nathan Belz will fill this position.

*A new NCHRP project is currently underway to update NCHRP Report 672. Also, a roundabouts chapter is being added to the Human Factors Manual. The **6th Annual International Conference on Roundabouts** will be held in 2020 and in the Monterrey, California area. There will also be an **Urban Streets and Geometric Design Symposium** held in Amsterdam, The Netherlands in 2020; which will involve roundabout sessions.*

- 4) TexasRoundabouts.com Website status (Minh Le)
 - Discuss volunteers for public agency contacts on the website reference page

Minh Le discussed the new layout of the www.TexasRoundabouts.com website. This website has been recently updated courtesy of Abram Van Elswyk and Abraham Villalobos (with Pacheco –Koch). Minh described the four major sections of TexasRoundabouts.com:

- 1) **Drivers** – contains roundabout driving information and fact sheets for drivers and all users
- 2) **Designers** – contains roundabout design standards and analysis tools for roundabout professionals
- 3) **Developers** – contains roundabout benefits and applications for agencies and private developers
- 4) **Reviewers:** Minh discussed our request to provide resource contact information from public agencies whom have implemented roundabouts and related standards and policies. He sent an email to committee members at public agencies asking if members want to volunteer as a listed contact in the Reviewers Section.

- 5) TRC Facebook status and requests (Sam Delmotte)

Sam Delmotte discussed the TexITE Roundabout Committee (TRC) Facebook page, which has been active for about one year (<https://www.facebook.com/TexITERoundaboutCommittee/>). She mentioned the recent posts for Engineer's Week, from the November conference in Houston (in particular, the tribute to our former colleague, Norman Hogue), and from National Roundabout Week last September. There are currently 18 persons following the TRC Facebook page (@TexITERoundaboutCommittee). Sam also mentioned that there will be updates to the banner soon (at the top of the Facebook page). Last, Sam asked members to post about your upcoming roundabout projects, news, and thoughts in general. If a member needs assistance with posting to the Facebook page, please contact Sam Delmotte at sam.delmotte@kimley-horn.com and she can assist you with posting.

- 6) Norman Hogue Roundabout Project of the Year award process (Jason Vaughn)

Jason Vaughn described the new Roundabout Project of the Year Award; in honor of our colleague Norman Hogue whom passed away last October. The TexITE Board approved the award process at the November Conference in

Houston and requested that the Roundabout Committee develop and manage the Norman Hogue Roundabout Project of the Year Award process.

A three-person Award Subcommittee has been organized to develop the award process and coordinate with the TexITE Awards Committee. They developed the award notice (shown in **Attachment A**), and the Awards Committee posted the notice to public agencies through the TexITE and Roundabout Committee listservs.

Public agencies in Texas can submit one roundabout (or roundabout corridor) project to the TexITE Awards Committee by the May 15th award deadline. The project submittals will then be evaluated based on the award criteria. The Award Subcommittee will select one project submittal for the award presentation at the ITE Conference in Austin this summer.

7) Upcoming Roundabout Committee meetings (Jason Vaughn)

- TexITE Spring Conference, St Anthony Hotel in San Antonio (Tuesday April 16)

Jason Vaughn stated that the in-person Roundabout Committee meeting will likely be Tuesday April 16. He is coordinating with TTI and the LAC on the meeting time and room location. In addition, the San Antonio conference will have a **Roundabouts and Innovative Intersections Session** scheduled for 10:00 am on Wednesday April 17. Wade Odell will be the session moderator, and we encourage members to attend the Roundabouts and Innovative Intersections session.

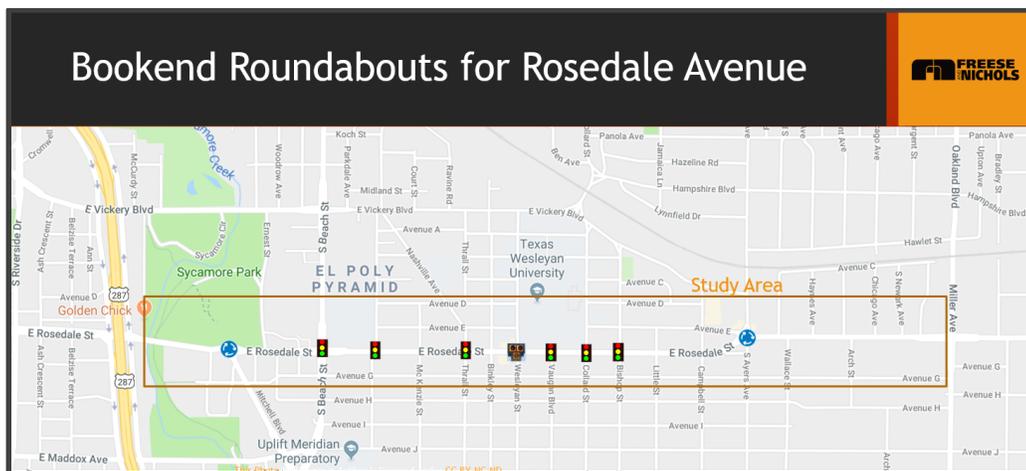
- ITE International Meeting, Hilton Austin Hotel in Austin (Sunday July 21)

Jason also stated that ITE has confirmed that the in-person Roundabout Committee meeting will be held in Room 408 (of the Hilton Austin Hotel) at 4:30pm Sunday July 21. Jason also mentioned that the quarterly Fall meeting will be an online Webex session (meeting date to be determined).

8) Presentation: Kevin St Jacques, Chris Bosco, and Tim Sansone, Freese and Nichols

- “Rosedale Roundabouts for the City of Fort Worth”

Kevin, Chris, and Tim with Freese and Nichols presented the new roundabouts constructed on the Rosedale corridor in Fort Worth (shown in the overview map below). East Rosedale Street is a thoroughfare corridor in southeast Fort Worth that mainly accesses residential areas, a high school, and the Texas Wesleyan College. The corridor is a heavily used bus route and contains several traffic signals at collector streets and one new Hawk signal. The two new roundabouts form the “bookends” of this corridor, which contains enhanced pedestrian amenities and streetscapes.



The western roundabout is located at the Rosedale and Mitchell intersection. The Mitchell multilane roundabout is oval-shaped, with a 133-foot inscribed diameter, and has four approaches (including a driveway to a large park). The Freese presenters described the intersection reconstruction and provided images of the construction phasing and use of temporary asphalt road transitions.



The eastern roundabout is located at the Rosedale and Ayers intersection. The Freese presenters mentioned the challenge with retrofitting this intersection with a five-leg roundabout. The Ayers multilane roundabout is also oval-shaped and has a 168 to 175-foot inscribed diameter. This intersection also has moderately high volumes due to the intersection of two major thoroughfares. For more information about Freese and Nichols' presentation of the Rosedale roundabouts, please contact Kevin St Jacques at krs@freese.com.



9) Adjourn

- For comments or questions, contact Jason Vaughn at: 832-692-4078 or jvaughn@sugarlandtx.gov

Attachment A



NORMAN HOGUE 2019 ROUNABOUT PROJECT OF THE YEAR

TexITE and the Roundabout Committee announces its call for project nominations for the Norman Hogue – Roundabout Project of the Year Award. This award is presented annually to a public agency whom sponsors the roundabout project nomination. This award is also presented in honor of Norman Hogue, who was an active TexITE member and co-founder of the TexITE Roundabout Committee.

The project nomination shall only:

- 1) be based on current roundabouts within Texas and in operation for at least one calendar year,
- 2) be submitted by a public agency within Texas, and
- 3) contain one roundabout location or one corridor location of roundabouts.

Previously awarded roundabout projects will not be considered for future award nominations.

All documents need to be submitted in English.

The roundabout project nomination is generally evaluated using the modern roundabout guidelines listed in the National Cooperative Highway Research Proposal (NCHRP) Report No 672. The submittal is also reviewed by the Award Selection Subcommittee of the TexITE Roundabout Committee for the roundabout's drivability, any improvements in public safety, and effective use of landscaping or hardscaping elements.

CONTACT INFORMATION

AGENCY NAME: _____

CONTACT NAME: _____

E-MAIL: _____ PHONE NUMBER: _____

ROUNABOUT LOCATION

CITY: _____

INTERSECTION: _____

(OR)

CORRIDOR:

INTERSECTION START: _____

INTERSECTION END: _____

SUBMITTAL PROCESS

The project submittal must include the cover page (with agency contact and roundabout location information), the Design Information Form, and the required appendix information. Project nominations must be submitted electronically to Kevin St. Jacques, Texas District Award Coordinator, at awards@texite.org by midnight (CDT) on May 15, 2019. The Award Selection Subcommittee will meet to select the outstanding roundabout project nomination. Questions regarding this call for project submittals will be directed to Kevin St. Jacques at 214-497-6465.

APPENDIX

The project appendix must include:

Design Consideration descriptions as follows (and can include two additional letter-size pages):

- 1) Overall project purpose
- 2) How and why the roundabout was selected
- 3) Special Considerations (ie: oversize/overweight vehicles, pedestrian and bicycle usage, gateway treatments, right-of-way restrictions)

Design Layouts with labels for:

- 1) All entry and exit radii for each roundabout leg
- 2) Crosswalk setback and distance from yield line
- 3) Daily and hourly traffic volumes on roundabout approaches
- 4) Fastest path layouts with entry, circulating, and exit speeds labeled (R1/V1, R2/V2, R5/V5)

The project appendix can include:

- 1) Photos of the existing roundabout or corridor, central island and each approach (with the related traffic signs)
- 2) Photos or layouts of the landscaping or hardscaping elements. Label these elements and describe the type and height measurements (in U.S. customary units)
- 3) Records of public and stakeholder involvement
- 4) Documentation of online project pages, drive-thru videos, and media involvement

The appendix shall not exceed twelve pages (including the Roundabout Design Information Form). The largest page size shall be ledger size (11 inch x 17 inch).

ROUNDBOUT DESIGN INFORMATION FORM

ROUNDBOUT TYPE

Circle One:

SINGLE LANE

MULTILANE

INCLUDES SPIRAL CIRCULATORY GEOMETRY:

INCLUDES BYPASS LANES:

Yes No

Yes No

DESIGN LAYOUTS (U.S. CUSTOMARY UNITS)

INSCRIBED CIRCLE DIAMETER: _____ ft

CIRCULATORY ROUNDBOUT WIDTH: _____ ft

DESIGN VEHICLE _____ ACCOMMODATION VEHICLE _____

ALIGNMENT TYPE (CIRCLE THOSE THAT APPLY):

OFFSET LEFT

RADIAL

OFFSET RIGHT

ROUNDBOUT SUMMARY

(can include 2 additional letter-sized pages)

DESIGN CONSIDERATIONS (refer to the appendix requirement notes)

BEFORE AND AFTER TRAFFIC OPERATIONS

Available Collision History (Please provide number of recorded crashes below)

3 Years Before roundabout installation:

Total: _____ Fatal: _____ Injury: _____

3 Years After roundabout installation:

Total: _____ Fatal: _____ Injury: _____

Source(s) of collision information: _____