

Indian Trail Transportation Master Plan
Project Advisory Committee (PAC) Meeting #2

March 20, 2024
2:00 PM-4:00 PM

Location: In-person (Indian Trail Town Hall) & Virtual (Via Teams)

| Attendees: | PAC Members | RS&H |
|-------------------|------------------------------------------------------|------------------|
| | Todd Huntsinger, Indian Trail Engineering Department | Erin Musiol |
| | Magdalene Ngan, Indian Trail Engineering Department | Tom Kelly* |
| | Bjorn Hansen, Union County Planning Department | Sabrina Kosharek |
| | Paul Benton, CRTPO* | |
| | Judy Dellert, CRTPO* | |
| | Theo Gitea, NCDOT Division 10 | |

*Attended virtually via Teams

Todd opened the meeting and thanked everyone for attending. Erin presented the PowerPoint, website, screening, survey, and maps. The following is a summary of the discussion and action items.

➤ **Meeting #1 Review & Updates**

- Project Schedule
 - The PAC will meet four times, a mix of hybrid and in-person, during the development of the plan
 - Stakeholder interviews were conducted in February and March
 - The first round of public outreach will kick off this Saturday, March 23 at the Town's Hop To IT Event. An online survey will remain open until the end of April.
 - The plan will be finalized and presented for adoption by October 2024
- Vision Statement
 - No comments were received on the Draft Vision Statement presented at PAC Meeting #1
 - Town Council priorities language was updated to reflect 2024-2027 priorities
 - The plan vision is considered finalized
- Theo provided an update on the lighting conversation from PAC Meeting #1
 - Lighting issues are only typically considered as part of a construction project; NCDOT does not do "lighting only" projects
 - Jurisdictions could apply for DA grants; City of Charlotte was awarded one for WT Harris Blvd
 - Todd said that he previously got a lighting quote from Duke and gauged interested from the Town Council; Council did not want to pay for lighting on NCDOT roads
 - Attendees agreed that the power costs would be on the jurisdiction
 - Bjorn and Todd noted that there was interest in more visually appealing/higher cost pole options than typically installed by NCDOT

- Bjorn stated that lighting was recently brought up at a CRTPO Transportation Staff Meeting (TSM); Brett Canipe was interested in furthering discussions; desire from municipalities to have CRTPO lead discussions
- Bjorn will be discussing lighting at the April 3 TSM and will provide an update after the meeting
- Webpage
 - A project webpage has been developed: <https://indiantrail.org/1793/Transportation-Master-Plan>
 - RS&H will coordinate with Communications Director to post updates
 - Survey link and QR code are available on website
- Truck Traffic Review
 - Erin shared findings from a Monroe Expressway Impacts on the U.S. 74 Corridor Memo provided by NCTA

➤ Stakeholder Interviews

- Stakeholder interviews were conducted with the City of Monroe, Town of Weddington, a local developer, Union County Schools, and Town Council
 - The Town Council interview was in the form of an online survey
- Todd and Erin to discuss questions Town Council suggested asking public for next survey
- Theo will send updated data on the impact of superstreets (Michigan turn lanes)
- Bjorn stated that Waxhaw is currently developing a Master Transportation Plan as well; they are asking a question about support for a new quarter cent sales tax dedicated to funding transportation projects; consider whether this question may be appropriate to ask in Indian Trail as well

➤ TIA Review

- Erin provided an overview of the TIA review and shared how the information was used in the intersection screening
- Todd had a meeting planned with NCDOT to discuss the W Unionville Indian Trail Rd/Secrest Short Cut Rd intersection; Todd to let Erin know if we need to follow up the District Engineer regarding required TIA improvements at this intersection

➤ Candidate Intersections

- Attendees agreed with the Candidate Intersections list

➤ Screening

- Erin shared the intersection screening results with the PAC
- W Unionville Indian Trail Rd/Secrest Short Cut Rd
 - Todd noted that this TIA is currently being updated; required improvements are unknown; may need to follow up with NCDOT
- W Unionville Indian Trail Rd/Faith Church Rd
 - No improvements planned at this intersection, but 27 crashes in 5-year period
 - Todd to request detailed TEAAS crash data from NCDOT Traffic Safety Unit
- Indian Trail Fairview Rd/Peace Dr
 - The median on Indian Trail Fairview Rd was originally supposed to be longer, but the businesses nearby involved the sheriff, and the design was modified

- Todd stated that he thought the three intersections chosen for design would need more substantial improvements than the improvements likely needed at this intersection. This is one that the Town may be able to address on its own.
- Lee Ainsworth was the original engineer for the median project
- Theo suggested contacting Zach Gardner (Division Traffic Engineer) to see if any previous studies have been done at this intersection and the others being considered
- Chestnut Ln/Potter Rd
 - NCDOT confirmed the improvements recommended in the TIA will be required and that intersection will operate at LOS B; may not be as high a priority as others
- W Unionville-Indian Trail Rd/Poplin Rd
 - NCDOT noted an addendum was required for the Poplin TIA
 - NCDOT will confirm what improvements are being required and get back to us
 - Keep on the list for now
- Waxhaw Indian Trail Rd/Fincher Rd
 - This location is on the list because it is in a high growth area
 - Todd thought this intersection may be noted in the Ped Plan; Erin to check
- Unionville Indian Trail Rd/Corporate Blvd/Plyer Rd
 - An all-way stop is planned at this location; there is no timeframe for the improvements because they are developer driven.
 - Plans do not show addition of turn lanes
 - Todd to request detailed TEAAS crash data from NCDOT Traffic Safety Unit
- Indian Trail Fairview Rd/Younts Rd/Stinson-Hartis Rd
 - This location scored high in the Union County CIA, but was not carried forward because the Town had indicated a larger road widening project was needed
 - Concern about business impacts
- Other Discussion
 - The PAC agreed to show all eight (8) candidate locations to the public
 - The PAC then began to try to narrow down the list to the three locations to carry forward for conceptual design and cost estimates
 - Bjorn suggested considering whether an intersection has any considerations or aspects that could increase costs substantially
 - Todd said we could do this, but did not foresee any issues outside of potential business impacts at Indian Trail Fairview Rd/Younts Rd/Stinson-Hartis Rd
 - Theo said if the intent was to apply for CRTPO DA funds, then a lot of weight should be given to the intersections that scored the highest using CRTPO's Discretionary Funds Policy Guide Intersection Scoring Criteria; those would be the first three in the screening worksheet
 - Erin said the outstanding information from NCDOT, and public input may influence the decision; Erin asked the PAC to continue to reflect on the screening and share thoughts

➤ **CTP & Functional Classification Review**

- Erin and Todd asked Bjorn his thoughts about adding the Chestnut Parkway extension as recommended to the CTP; this roadway is a part of the Town's loop concept noted in the Comprehensive Plan, but is on County property; the decision was made not to add it to the CTP given the unlikelihood of NCDOT allowing another intersection on US 74 and impacts to the development opportunities the road would have on the parcel

- Erin asked Theo if the realignment of Hayes Road with US 74 was still viable; Theo was not sure
- Erin noted that if it was, a recommended road between Haywood Rd to either Persimmon Ct or Starcrest Dr might be worth considering because it would offer a connection across US 74 from Old Charlotte Hwy to Secrest Short Cut Rd
- Bjorn suggested considering adding some grade separation projects to the CTP that would result in more routes across US 74 (Wesley Chapel Stouts Rd and Rocky River Rd); Theo agreed
- Erin asked Paul about adjusting the alignment of Chestnut Pkwy to accurately reflect the alignment
 - Paul and Judy said the CRTPO CTP Amendment Guidelines state the distance an alignment can be modified to be considered a minor change that could be done administratively; Judy provided the link
 - The PAC suggested waiting until the roadway was constructed and then just changing it to existing in the CTP
- Erin noted some proposed changes to functional classification pertaining to local roads listed as needs improvement in the CTP

➤ **Public Input #1**

- Erin shared the draft online survey with the PAC
- Survey – General Questions
 - Bjorn said the public transit question was vague; suggested modifying it to two questions: 1) one focused on bus 2) one focused on light rail
 - Bjorn asked if a question about support for a quarter cent sales tax should also be added; helps gauge how much support there really is for transit
 - The decision was made not to ask a funding question out of the gate since funding is typically a contentious issue; will consider for the second round of input
- Survey – Transportation Projects/Intersections Projects
 - Todd asked the group if the intersection screening should be shared with the public; Erin said the idea was get the public's thoughts without influencing them; Todd asked that language be added to provide a little more information on how the 8 candidate intersections were selected
 - Todd suggested changing the survey headings to Funded Projects 1 and Funded Projects 2
 - Bjorn suggested changing "Intersection Input" heading to "Candidate Intersections" or "Priority Intersections"
 - Judy suggested adding a "Funded Transportation Projects" heading to the Transportation Projects section
 - Judy suggested adding something on the homepage of the survey that explains how to navigate through the survey; Todd agreed and suggested a pop up
 - Judy asked if the CTP changes/recommendations should be included in the survey
 - Erin stated that additional conversations with the Town and the PAC were needed before this information could be finalized and ready to receive public input
 - Should the Town want to move forward with any CTP amendments, they will be included in the next round of public input
 - Erin and Todd will coordinate with CRTPO regarding any desired CTP amendments

➤ **Next Steps**

- Todd and Erin are staffing a booth at the Hop To IT event on Saturday, March 23rd

- Erin will provide the flyer and QR code to Town and PAC to disseminate on social media
- The survey will remain open through the month of April; once it is closed a summary of the results will be shared with the PAC and posted on the project webpage
- The Town will then recommend the three intersections to carry forward for conceptual designs and cost estimates; the PAC will have an opportunity to comment before the decision is final

Action Items

PAC

- Provide thoughts on which three intersections to carry forward for conceptual designs and cost estimates
- Provide comments on proposed CTP amendments
- Provide comments on proposed Functional Classification changes
- Spread the word about the online survey
- Theo to send data on NCDOT superstreets
- Bjorn to share update after April 3rd TSM
- Todd and Erin to discuss questions Town Council suggested asking public for next survey
- Todd to request detailed TEAAS crash data from NCDOT Traffic Safety Unit for the W Unionville Indian Trail Rd/Faith Church Rd intersection and the Unionville Indian Trail Rd/Corporate Blvd/Plyer Rd intersections
- Todd to let Erin know if she needs to contact NCDOT TIA contacts about W Unionville Indian Trail Rd/Secrest Short Cut Rd

RS&H

- Revise online survey – *All suggested edits were incorporated before the Hop To IT event*
- Send link and QR code to survey once available – *Erin sent on 3/21/2024*
- Send CTP Review map to PAC – *Erin sent on 3/21/024*
- Check to see if the Waxhaw Indian Trail Rd/Fincher Rd intersection is in the Ped Plan
- Contact Lee Ainsworth (Division Project Development Engineer) for details on the median project at Indian Trail Fairview Rd/Peace Dr
- Contact Zach Gardner (Division Traffic Engineer) to see if any previous studies have been done at any of the candidate intersection locations
- Follow up with NCDOT TIA contacts about required improvements at W Unionville-Indian Trail Rd/Poplin Rd intersection

Attachments

- PowerPoint Presentation

Copies to

- PAC members
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Comments regarding these meeting notes will be received through April 12, 2024 by contacting Erin Musiol at erin.musiol@rsandh.com. After that date, the meeting notes along with subsequently implemented comments will be considered final and an accurate record of the PAC Meeting.