

Plano

City of Excellence

Innovative Transportation Technology Infrastructure – Jpod's

Engineering Department

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Plano City Council Preliminary Open Meeting – October 24, 2022

Background

- North Central Texas Council of Governments (NCTCOG)
- Jpod's seeking a partner agency



What is JPod?

- Fee based point-to-multipoint aerial personal transit
- 4-6 people in each “car”
- Safe, rapid transportation via ultra-light self-driving pods
- <https://vimeo.com/87069041>



Possible Station Configurations

- Typically placed in or alongside existing right-of-way
- Station sized by anticipated demand
- Multiple tier stations to meet high density needs
- Can be incorporated into an easement, building, or parking garage
- Stations as small as a two parking spots
- <https://vimeo.com/99893372>



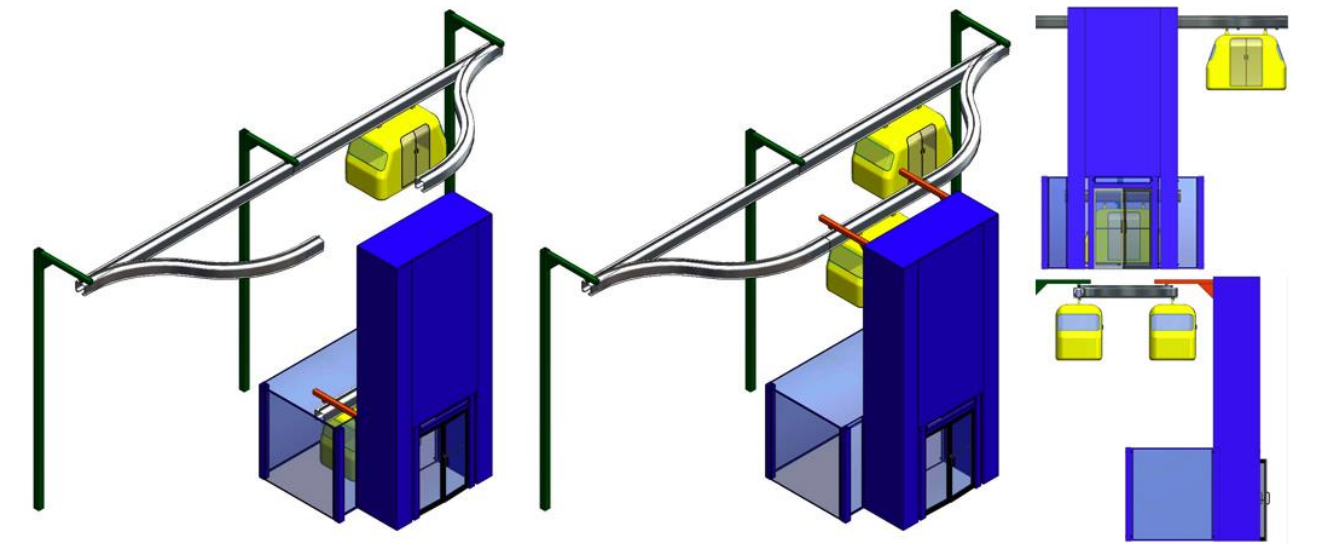
JPod “Intersections”

- Crossing routes function as a roundabout

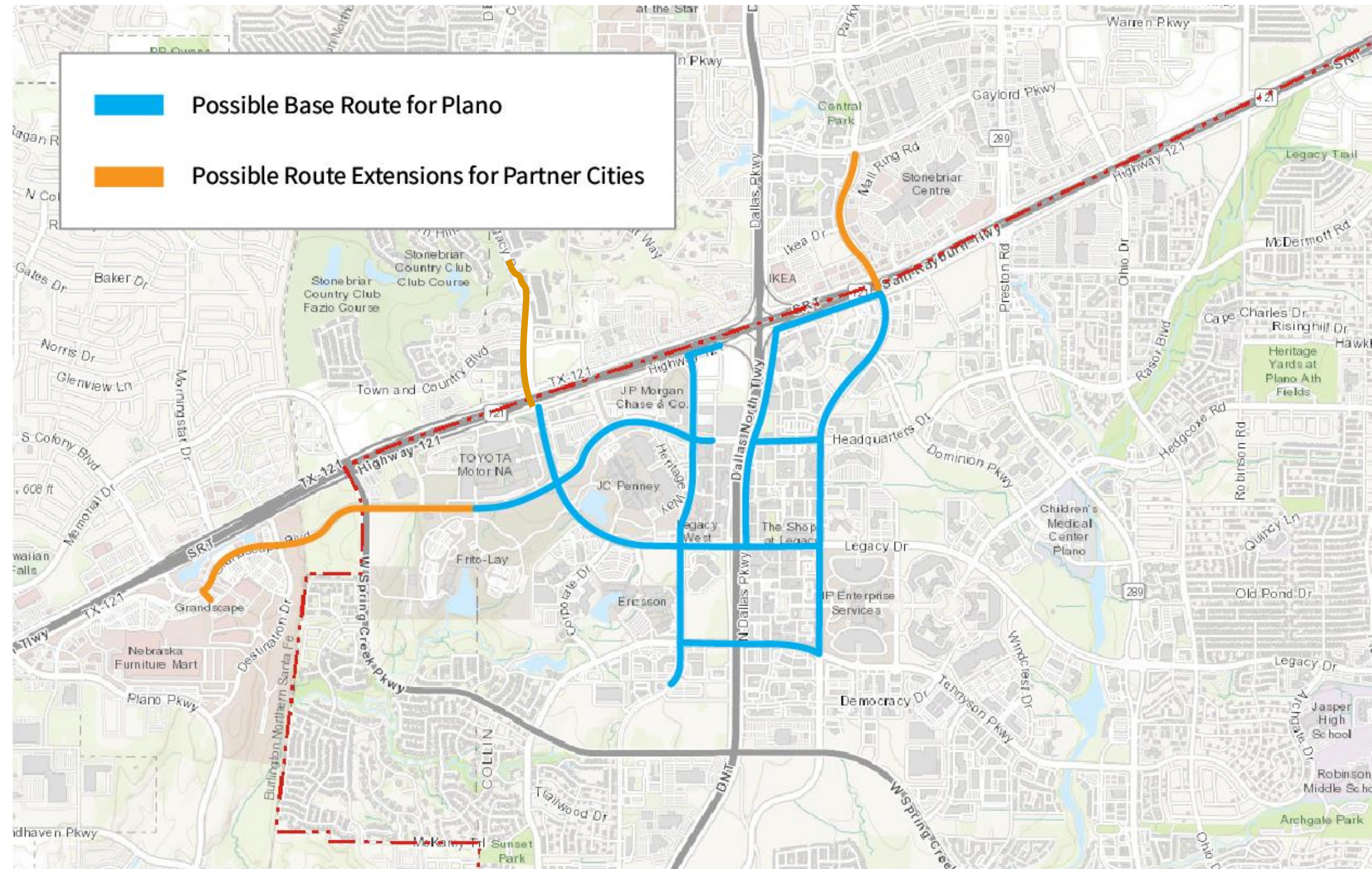


What we know...

- NCTCOG requests submittals from interested local agencies
- No current deployment
- If City of Plano submits, no commitment
- No current funding available
- Private funds construct infrastructure
- City revenue may be up to 5% of fees collected



Possible JPod Base Pilot Route



Next Steps

- Identify location and potential future expansion opportunities
- Pre-submittal meeting Friday 10/21/22
- NCTCOG solicit proposals, closes November 18, 2022
- Proposed sites reviewed by technology provider
- Come back to Council to discuss next steps



City Council Request

- Requesting City Council approval to submit application for consideration of potential Plano location



Questions



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