Regional Transit Coordination (RTC) Subcommittee Houston-Galveston Area Council Online Meeting/Conference Call Thursday, April 11, 2024 9:30-11:00 AM

Agenda

- 1. Introductions and Certification of Quorum (9) Ruthanne Haut, The Woodlands Township, Chair
- 2. Public Comments
- 3. Action Items:
 - 3.1 Approval of RTC Subcommittee Meeting Minutes of February 1, 2024
- 4. Information Items: (10 minutes or less each)
 - 4.1 Coordinated Planning
 - 4.1a Provider Summit Update Sandy Klanfer, H-GAC
 - 4.2 Other Efforts
 - 4.2a The Woodlands Township Transit Study Ruthanne Haut, The Woodlands Township
 - 4.2b Fort Bend Transit Vision Plan Perri D'Armond, Fort Bend Transit
 - 4.2c Pearland Transit Need Assessment Update Alan Rodenstein, H-GAC
- 5. Transit and Human Service Agency Reports (5 minutes or less each)

2024 RTC Subcommittee Meeting Dates:

July 11, 2024

October 10, 2024

REGIONAL TRANSIT COORDINATION SUBCOMMITTEE

SPECIAL CALL MEETING MINUTES

Thursday, February 1, 2024 – 9:30-11:00am Houston-Galveston Area Council Virtual Meeting

MEMBERS PRESENT

Ruthanne Haut (Chair) – The Woodlands Township Melanie Beaman – City of Sugar Land Angel Ponce – City of Houston Thomas Holstein – BakerRipley Perri D'Armond – Fort Bend County Transit De'Andre Guin – City of Conroe Jo Marlow – Brazos Transit District Claudia Wicks – Colorado Valley Transit Sean Middleton – Gulf Coast Transit District James Oliver – City of Galveston/Island Transit

ALTERNATES PRESENT

Brandon Mosely – City of Houston Ashley Newell – Mounting Horizons Shekeylia Douglas – Harris County Transit Kaitlyn Mack – Brazos Transit District

OTHERS PRESENT

Travis Madison – TxDOT Nancy Peron – TxDOT Paula Polk - TxDOT Brenda Bustillos – TxDOT Thien Cao – Harris County Transit

H-GAC STAFF PRESENT

Jamila Owens
Thomas Gray
Chris Whaley
Karen Owen
Alan Rodenstein
Susan Jaworski
Eric Belmar
Lucinda Martinez

BRIEFING

Overview

RTCS Members and Alternates met virtually by teleconference. At this Special Call meeting, the Subcommittee endorsed Transit Asset Management (TAM) performance targets. It also received an update on 2023 regional transit ridership trends resulting from H-GAC's quarterly ridership survey.

INTRODUCTIONS AND CERTIFICATION OF QUORUM

ITEM 1 – Ruthanne Haut, Chair, The Woodlands Township, convened the meeting at 11:01 AM. Roll was called by H-GAC staff and a quorum was certified.

PUBLIC COMMENT

ITEM 2 – There were no public comments presented to the Subcommittee.

ACTION ITEMS

ITEM 3.1 – Approval of RTC Subcommittee Meeting Minutes of January 11, 2024

Ms. Haut requested a motion to approve the minutes of the January 11, 2024 meeting of the Subcommittee.

Action Item Motion: moved by Sean Middleton, seconded by James Oliver. Action Item approved.

ITEM 3.2 – Endorsement of Transit Asset Management Targets – Chris Whaley, H-GAC

Mr. Whaley provided an overview of the Transit Asset Management (TAM) process, which is designed to ensure a State of Good Repair (SOGR) for the region's transit providers. Whaley described the performance measures used for each asset category and listed the current disposition of the TAM plans collected from the region's transit providers. Whaley then presented a history of the region's TAM performance (targets and actuals) by year as well as the proposed targets for 2026. Based on the data currently available to H-GAC, the region has met only one of four performance targets for 2024.

Ms. Jamila Owens continued the presentation by highlighting "transit investments to watch" in coming years, including \$514 million in capital transit projects programmed into the TIP and \$231 million in "carry over/spend down" projects recently approved by the Transportation Policy Council. Owens suggested that this pipeline of projects could improve the region's overall State of Good Repair.

Mr. Whaley and Ms. Owens requested that the Subcommittee endorse the Regional Transit Asset Management Performance Targets proposed for 2026. These targets would then be presented to TAC and TPC for adoption.

Discussion ensured. Perri D'Armond said that H-GAC should emphasize to TAC and TPC that a lower percentage indicates better performance; she also noted that it seemed like performance targets were simply being changed to match existing conditions. Ms. Owens responded that the methodology is to set a goal to either maintain or perform better, that the FTA wants H-GAC to be consistent with methodology for this performance period, and that the next performance period (starting in 2026) gives staff and the Subcommittee an opportunity to review the methodology and perhaps adopt more aspirational targets. Ruthanne Haut agreed with Ms. D'Armond and noted that, although the MPO is investing a lot of money into transit over next cycle, the timelines of these projects are such that they might not affect targets before 2026; she suggested that staff make this explanation TAC and TPC. Ms. Owens responded that staff would do so. Ms. Haut concluded by noting that the TAM exercise is important because providers can't fix what is not measured.

Action Item Motion: moved by Perri D'Armond, seconded by Sean Middleton. Action Item approved.

INFORMATION ITEMS

ITEM 4.1a Regional Transit Ridership Update – Thomas Gray, H-GAC

Mr. Gray presented the Subcommittee with the results of the regional ridership survey, which is sent to all the region's transit providers on a quarterly basis to collect monthly ridership as well as information about major service changes. Gray reported that regional ridership continues to improve overall, with an 18% increase compared to 2022 and a 52% increase compared to 2021, but is still about 22% lower than 2019, the year before the COVID-19 pandemic. Local fixed-route bus and demand response services show the most increase, while park and ride shows the least. METRO accounted for 97.8% of all regional ridership in 2023. Mr. Gray said that H-GAC will continue to conduct survey in 2024 on quarterly basis and thanked regional providers for their cooperation.

Discussion ensued. Alan Rodenstein thanked Perri D'Armond and her staff for providing ridership information that H-GAC is using in its Pearland transit study. He observed that service to the Texas Medical Center seems to be performing the strongest in terms of park and ride destinations. Thomas Gray agreed, noting that doctors and nurses can't work from home.

Perri D'Armond noted that Fort Bend Transit is combining its Uptown/Galleria service with its Greenway Plaza service; riders wanting to go to the Uptown/Galleria area will be able to transfer to METRO's Silver Line BRT at the lower Uptown Transit Center but ridership to that part of town has otherwise been poor since COVID. Fort Bend Transit will be starting park and ride service to downtown Houston in March. This prompted discussion about a recent *Houston Chronicle* article regarding UH students shuttling between the main and Sugar Land campuses.

Ruthanne Haut noted that the data presented indicates that transit is still feeling the aftereffects of the pandemic. In addition to lower ridership due to people working from home, she has observed that commuters are leaving earlier on days when they do go in to the office.

ADJOURNMENT

Ms. Owens reminded providers that transit Call for Projects deadline has been extended to February 15.

Ms. Haut adjourned the meeting at 11:38 AM.

Next RTCS Meeting – 9:30 AM on Thursday, April 11, 2024



Background

- Paratransit/Non-Emergency Medical Transportation Advisory Workgroup
- Highlighted barriers to transit associated with regional trips
- Better coordination between providers can reduce these barriers
 - More seamless transfers
- H-GAC can bring providers together
 - Coordination
 - Training



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Expand the conversation on paratransit and NEMT barriers beyond the providers participating in the workgroup

Facilitate connections between providers to help reduce barriers for paratransit and NEMT customers

Enhance the quality of paratransit and NEMT services in the region by offering training on national best practices to service providers



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Host Committee

- H-GAC brought together a small group
 - · Paula Johnson, City of Houston Agency on Aging
 - Jilian Lennon, Meals on Wheels Montgomery County
 - Francis Rodriguez, H-GAC
 - Nykole Murray, Mounting Horizons
 - Christopher Russell, Harris County Transit
- Bring knowledge and skills to event plan
- Make sure event meets providers needs



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Where and When



- June 25, 2024
- 11 AM 2 PM
- H-GAC Conference Rooms



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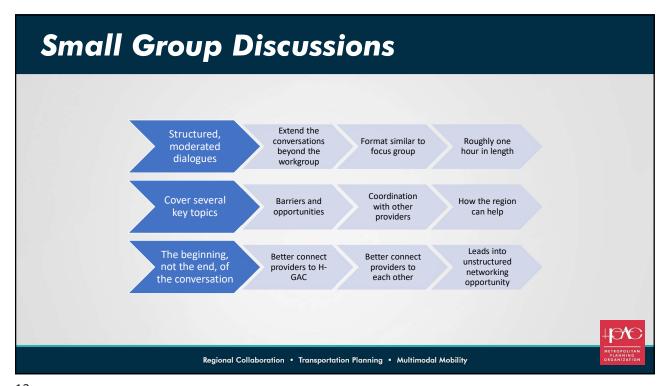
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Event Run of Show

- Sign-in
- Welcome Remarks
- Small Group Discussions
- Lunch and Networking Hour
- Panel Conversation with Q&A
- Concluding Remarks



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Panel Conversation

- Intended to offer providers useful resources
 - Funding
 - Best practices
- May include representatives from:
 - METRO
 - Harris County Transit
 - TxDOT
 - National Aging and Disability Transit Center (NADTC)
 - Houston Mayor's Office for Persons with Disabilities
- Each speaker will present for about 10 minutes, with Q&A session at the end

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Next Steps

- Confirm Panelists
- Develop and Distribute Marketing Materials
- Create Event Web Page
- Host Committee Continues to Meet





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You Can Help This Event Succeed

- Share ideas for panelists or topics of conversation
- Help us get the word out!
 - Distribute our marketing materials to your network
 - Let people know the event is happening
 - Bring yourself, bring your team



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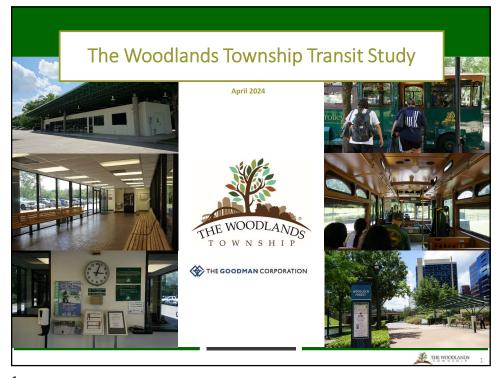


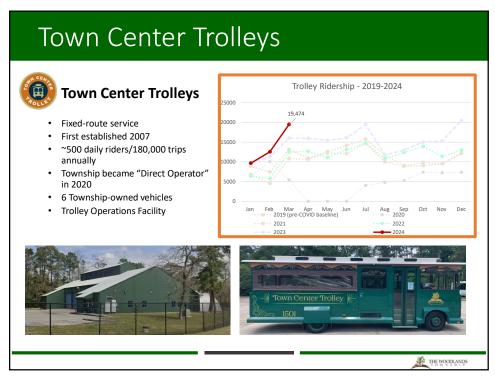
We Look Forward to Seeing You There!

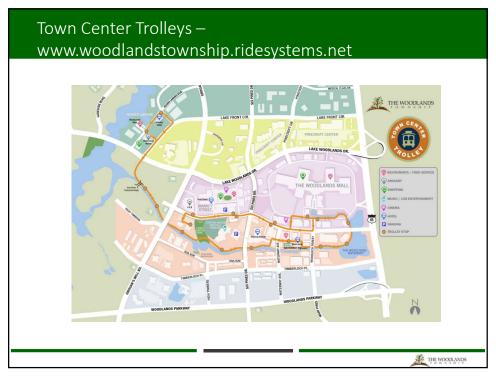
June 25, 11 AM – 2 PM H-GAC 2nd Floor Conference Rooms Sanford.Klanfer@h-gac.com

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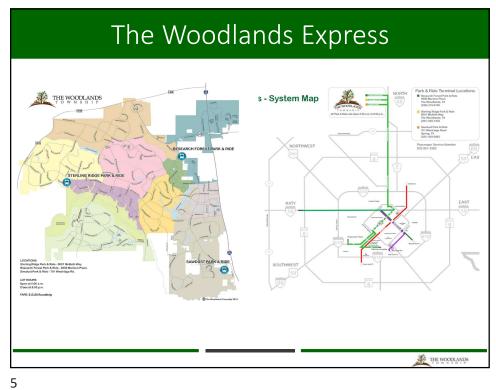




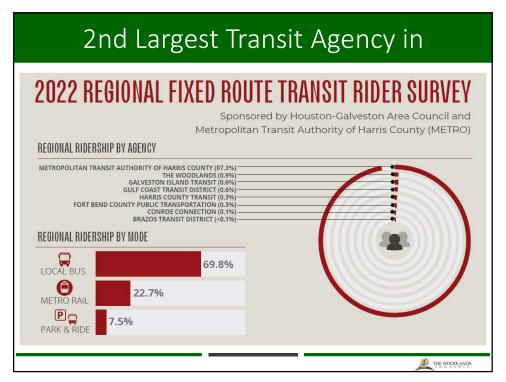


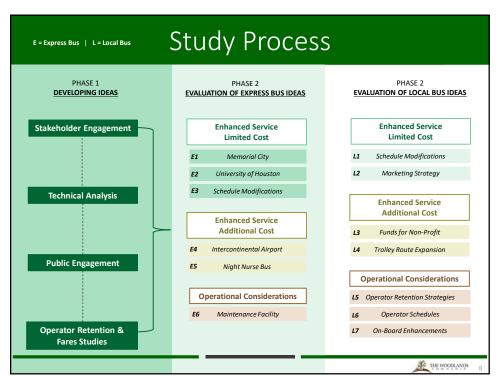


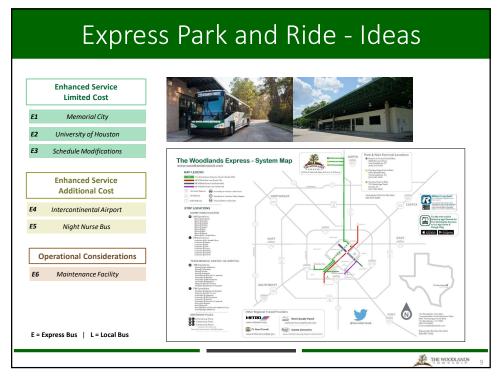


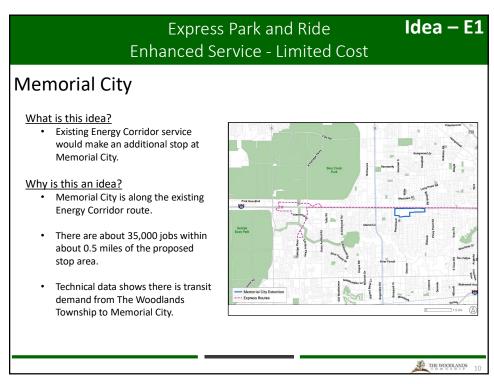


| Operator - Route | Rider Residency | Ridership | Percent of Route Total | |
|--|-------------------------|-----------|---------------------------|--------|
| The Woodlands - Trolley | The Woodlands Township | 220 | 61% | locals |
| | City of Houston | 46 | 13% | |
| | Unincorporated | 93 | 26% | |
| The Woodlands - Route 299 Energy Corridor | The Woodlands Township | 18 | 70% | |
| | Unincorporated | 8 | 30% | |
| The Woodlands - Route 299 Research Forest | The Woodlands Township | 305 | 53% | |
| | City of Conroe | 51 | 9% | |
| | Unincorporated | 223 | 39% | |
| The Woodlands - Route 299 Sawdust | The Woodlands Township | 129 | 51% | |
| | City of Conroe | 3 | 1% | |
| | City of Houston | 3 | 1% | |
| | City of Oak Ridge North | 7 | 3% | |
| | Spring | 14 | 5% | |
| | Unincorporated | 95 | 38% | |
| The Woodlands - Route 299 - Sterling Ridge | The Woodlands Township | 132 | 81% | |
| | Unincorporated | 31 | 19% | |
| The Woodlands - Route 299 TOTAL | The Woodlands Township | 584 | 57% | locals |
| | City of Conroe | 54 | 5% | |
| | City of Houston | 3 | 0% | |
| | City of Oak Ridge North | 7 | 1% | |
| | Spring | 14 | 1% | |
| | Unincorporated | 358 | 35% | |





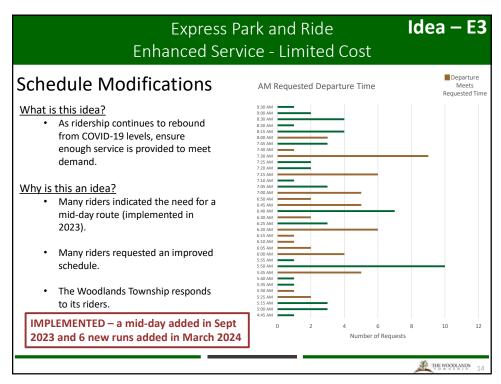




| Express Park and Ride Idea – E1 Enhanced Service - Limited Cost | | | | | |
|---|--|----------------------------------|------------------------------|--|--|
| Memorial City | Criteria | Value Change from Baseline | % Change from Baseline | | |
| Key Observations | Performance | | | | |
| Due to the travel time increase, | Annual Ridership | 7,050 | 2.9% | | |
| there will be about a 10% decrease in Energy Corridor ridership | Revenue Miles | 1,750 | 0.3% | | |
| | Revenue Hours | 250 | 1.5% | | |
| | Proximity | | | | |
| Overall ridership will increase along the corridor. | Number of Jobs with 0.5 Miles | 35,200 | 8.0% | | |
| | Major Employers (500+ Employees) | 6 | 11.8% | | |
| | Environmental | | | | |
| | Vehicle Miles Traveled (PPV 1.48 (USDOT) | 180,300 | 2.9% | | |
| There is capacity within existing | Fiscal Efficiency | | | | |
| runs to accommodate demand. | Federal Appropriations Impact - Section 5307 | \$30,700 | 0.8% | | |
| | Annual Operating Cost | \$48,750 | 1.0% | | |
| Minimal financial outlay to The | Federal Grant Impact | \$18,400 | 0.8% | | |
| Woodlands Township. | Farebox Impact | \$23,450 | 1.5% | | |
| Further coordination with Memorial City is needed. | The Woodlands Township Budget Impact | \$6,800 | 0.9% | | |

Idea – E2 Express Park and Ride Enhanced Service - Limited Cost University of Houston What is this idea? **Existing Central Business District** service would add an extension to the University of Houston. Why is this an idea? The University of Houston was mentioned as a requested destination throughout public and stakeholder engagement. Technical data shows there is transit demand from The Woodlands Township to The University of Houston. There are efficiencies to be gained on existing routes traveling to the Central Business District.

| • | s Park and Ride ervice - Limited Cos | | :a — E |
|---|--|----------------------------------|------------------------------|
| University of Houston | Criteria | Value Change from Baseline | % Change from Baseline |
| Key Observations | Performance | | |
| The ridership would increase | Annual Ridership | 13,500 | 5.5% |
| overall system ridership by 5.5%. | Revenue Miles | 7,000 | 1.4% |
| | Revenue Hours | 650 | 3.9% |
| There is just enough capacity within existing runs to accommodate demand. | Unlinked passenger trips per revenue miles | 0.02 | 4.1% |
| | Unlinked passenger trips per revenue hour | 0.22 | 1.5% |
| | Proximity | | |
| | Number of Jobs with 0.5 Miles | 6,800 | 1.5% |
| Minimal financial outlay to The | Major Employers (500+ Employees) | 1 | 2.0% |
| Woodlands Township. | Environmental | | |
| | Vehicle Miles Traveled (PPV 1.48 (USDOT) | 344,850 | 5.5% |
| METRO and Hairmaite of | Fiscal Efficiency | | |
| METRO and University of | Federal Appropriations Impact - Section 5307 | \$51,250 | 1.3% |
| Houston further coordination | Annual Operating Cost | \$128,700 | 2.6% |
| needed. | Federal Grant Impact | \$35,800 | 1.6% |
| | Farebox Impact | \$87,750 | 5.5% |
| Eligible project for H-GAC CMAQ Pilot Program. | The Woodlands Township Budget Impact | \$5,000 to \$30,000 | 0.7% - 3.5% |
| | | * | THE WOODLANDS |



Idea – E4 Express Park and Ride Enhanced Service - Additional Cost Intercontinental Airport What is this idea? · New express bus service to IAH, operating 19 hours per day, 365 days per week. Why is this an idea? • Technical data shows there are significant auto trip movements from The Woodlands Township to IAH. • The daily rate to park a vehicle at IAH can range from \$8 to \$30. • Public requested evaluation of service. Potential for private partnerships Eligible project for H-GAC CMAQ Pilot Program. THE WOODLANDS

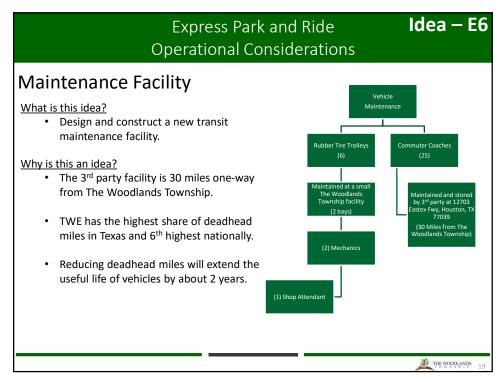
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| | s Park and Ride rvice - Additional Co | | ea – E |
|--|--|----------------------------------|------------------------------|
| Intercontinental Airport Key Observations | Criteria | Value Change from Baseline | % Change from Baseline |
| The service is a 27% increase in | Performance | | |
| annual cost. | Annual Ridership | 45,000 | 18.4% |
| | Revenue Miles | 138,700 | 26.8% |
| The ridership would increase overall system ridership by 18%. | Revenue Hours | 6,950 | 41.5% |
| | Unlinked passenger trips per revenue miles | -0.03 | -6.6% |
| | Unlinked passenger trips per revenue hour | -2.37 | -16.2% |
| | Proximity | | |
| This is a new service and would require robust marketing to achieve the ridership. | Number of Jobs with 0.5 Miles | 6,800 | 1.5% |
| | Major Employers (500+ Employees) | 1 | 2.0% |
| | Environmental | | |
| achieve the haership. | Vehicle Miles Traveled (PPV 1.48 (USDOT) | 608,100 | 9.7% |
| Flight and at fault CAC Chan | Fiscal Efficiency | | |
| Eligible project for H-GAC CMAQ | Federal Appropriations Impact - Section 5307 | -\$95,400 | -2.4% |
| Pilot Program. | Annual Operating Cost | \$1,352,300 | 27.0% |
| | Federal Grant Impact | \$692,050 | 29.9% |
| Private operators could use | Farebox Impact | \$292,500 | 18.4% |
| excess parking for incidental use | The Woodlands Township Op. Budget Impact | \$367,750 | 53.6% |
| or pay monthly fees to operate. | The Woodlands Township Capital Impact | 6 Vans | \$250.000 |

Idea – E5 Express Park and Ride Enhanced Service - Additional Cost Night Nurse Bus What is this idea? Year 2022 • Daily night and morning runs from Average Daily One-Way Volume To TMC The Woodlands Township to Texas Medical Center. Why is this an idea? Technical data shows there is PM demand from The Woodlands Townships to Texas Medical Centers. Public and staff requested evaluation of service. • There is already an established AM service to the Texas Medical Center. • Potential partnerships with TMC THE WOODLANDS

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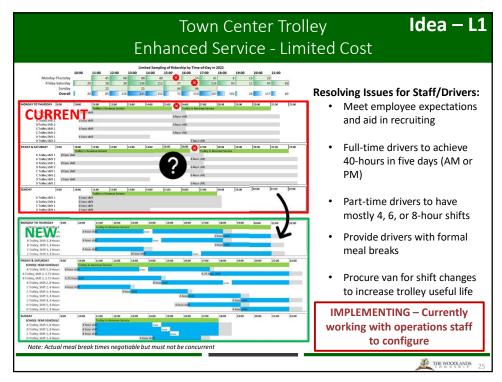
| Express Enhanced Ser | Idea – E st | | |
|---|--|----------------------------------|------------------------------|
| Night Nurse Bus | Criteria | Value Change from Baseline | % Change from Baseline |
| <u>Cey Observations</u> | Performance | | |
| The ridership would increase overall | Annual Ridership | 20,800 | 8.5% |
| system ridership by 8.5%. | Revenue Miles | 97,600 | 11.6% |
| This is a new service and would | Revenue Hours | 3,050 | 11.0% |
| require marketing to achieve the projected daily ridership. | Unlinked passenger trips per revenue miles | -0.04 | -2.8% |
| | Unlinked passenger trips per revenue hour | -1.19 | -2.4% |
| | Proximity | | |
| Would require additional commuter | Number of Jobs with 0.5 Miles | | |
| buses (~5); ~\$4.0M. | Major Employers (500+ Employees) | | |
| buses (5), 94.0111. | Environmental | | |
| Local funds required would annually | Vehicle Miles Traveled (PPV 1.48 (USDOT) | 562,150 | 8.9% |
| be about \$150K, depending on | Fiscal Efficiency | | |
| ridership levels. | Federal Appropriations Impact - Section 5307 | \$39,450 | 1.0% |
| | Annual Operating Cost | \$594,750 | 11.9% |
| Serves essential workers. | Federal Grant Impact | \$300,800 | 13.0% |
| | Farebox Impact | \$135,200 | 8.5% |
| Eligible project for H-GAC CMAQ Pilot | The Woodlands Township Op. Budget Impact | \$158,300 | 23.1% |
| Program. | The Woodlands Township Capital Impact | 5 Commuter Buses | \$4,000,000 |



| Maintenance Facility | | | Idea – E | | |
|--|---|----------------------------------|------------------------------|--|--|
| ey Observations | Criteria | Value Change from Baseline | % Change from Baseline | | |
| Design, construction, and land | Performance | | | | |
| cost will be about \$10 Million. | Vehicle Useful Life | 2 years | 16.7% | | |
| | Deadhead Miles | (-)293,450 | (-)81.6% | | |
| Changes in reimbursement rules | Environmental | | | | |
| would apply resulting in an increase in The Woodlands Township local funding contribution. | Bus Vehicle Miles Traveled (PPV 1.48 (USDOT) | (-)293,450 | (-)28.6% | | |
| | Capital Cost | | | | |
| | Planning, Design and Environmental | \$1,000,000 | 100% | | |
| | Facility, storage, bus wash (5 bays) | \$6,000,000 | 100% | | |
| | Land (~4 to 5 acres) | \$3,000,000 | 100% | | |
| Other The Woodlands Township | Fiscal Efficiency | | | | |
| departments could use the | Annual Maintenance Cost | (-)\$294,000 | (-)29% | | |
| facility only if it does not impede on public transit use. | Annual Operating Cost (Assumed 10% decrease in Vehicle Revenue Hrly rate) | (-)\$287,000 | (-)10% | | |
| | The Woodlands Township Op. Budget Impact | \$225,000 | 23.1% | | |
| | The Woodlands Township Capital Impact | \$2,000,000 (20% o | f Federal Grant | | |

| | Express Park and Ride Operational Considerations | | | | |
|--|--|----------------------------------|------------------------------|--|--|
| Bus Yard & Bus Wash ey Observations | Criteria | Value Change from Baseline | % Change from Baseline | | |
| Design, construction, and | Performance | | | | |
| equipment will be about \$1.75 | Vehicle Useful Life | 2 years | 16.7% | | |
| Million. | Deadhead Miles | (-)285,950 | (-)79.5% | | |
| | Environmental | | | | |
| Could utilize existing transit property. | Bus Vehicle Miles Traveled (PPV 1.48 (USDOT) | (-)285,950 | (-)26.9% | | |
| | Capital Cost | | | | |
| | Planning, Design and Environmental | \$250,000 | 100% | | |
| Significantly reduces deadhead | Bus Wash Equipment | \$500,000 | 100% | | |
| | Bus Wash Facility | \$1,000,000 | 100% | | |
| miles. | Fiscal Efficiency | | | | |
| | Annual Maintenance Cost | (-)\$285,000 | (-)27% | | |
| | Annual Operating Cost (Assumed 5% decrease in Vehicle Revenue Hrly rate) | (-)\$145,000 | (-)5% | | |
| | Operations cost for bus wash / bus yard | TBD | TBD | | |
| | The Woodlands Township Op. Budget Impact | (-)\$160,000 | -26% | | |
| | The Woodlands Township Capital Impact | \$350,000 (20% of | Federal Grant) | | |

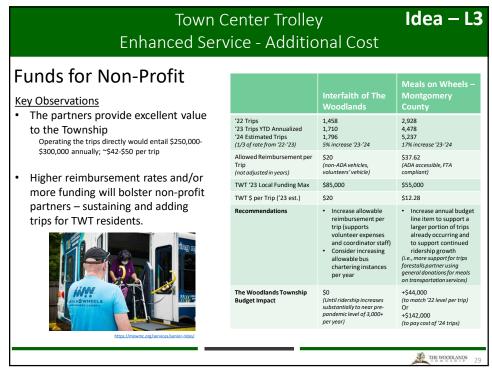


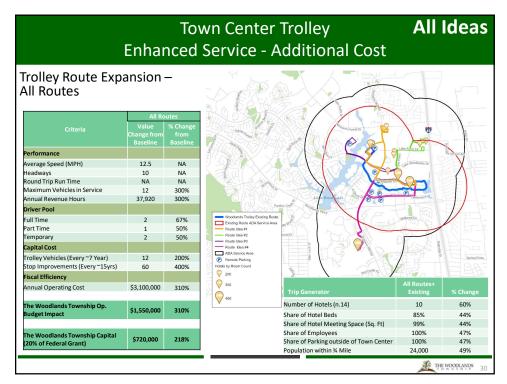




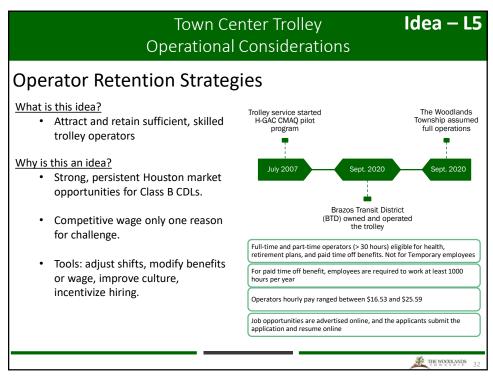


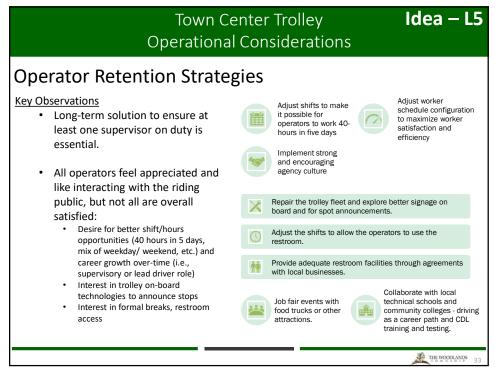
| Enhanced | Service - | Additional Co | st |
|---|--|--|---|
| Funds for Non-Profit | 2022 and 2023 YTD | Interfaith of The Woodlands | Meals on Wheels – Montgomery County |
| What is this idea? • Increase financial support | Rides per Month % Increase '22-'23 | 123 in '22 143 in '23 YTD (Jan-Sep) 16% increase | 244 in '22 373 in '23 YTD (Jan-Aug) 53% increase |
| for partner transportation services. | Fleet / Drivers | Volunteers using personal vehicles (not ADA), occasional bus service charter (3-6x year) | Paid staff driving 11 ADA accessible cut-away buses (4 paid for by Conroe UZA funds, 7 paid for by TxDOT Rural Funds) |
| Why is this an idea? • The Township has | Trips relative TWT | ~92% within TWT ~8% from TWT to elsewhere | ~90% within TWT ~10% TWT to Conroe Occasional \$200 roundtrips for veterans to TMC VA Hospital |
| distributed Federal Transit Administration Section | '22 Trips '23 YTD Annualized | 1,458 1,710 | 2,928 4,478 |
| 5310 funds to two | TWT Local Funding Offered per Annum | \$85,000 | \$55,000 |
| partners for several years. Providing an additional increment in funding may provide significant | Notes | Trip purposes generally "55% medical appointments, 30% shopping, 15% social Provided 3,800 trips pre-COVID Hired an outreach coordinator for the program earlier in 2023 | Trip purposes generally "35% medical, 33% errands, 30% congregate meals/social, 2% other TWT funding supports 1,462 trips each year based on agreed reimbursement rate of \$37.62 |
| leverage for cost effective services. | | | |

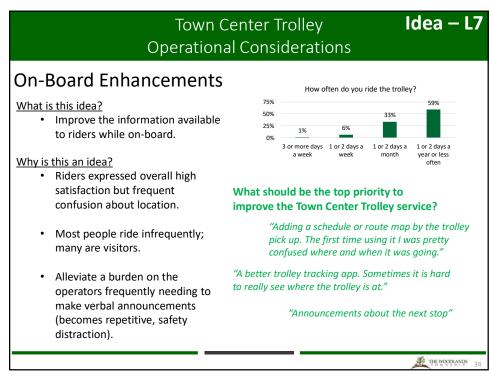




| Trolley Route Expansion Key Observations • Expanded ADA Paratransit area could increase operating costs by up to 25% as more residents with | Route Name | Annual | |
|---|----------------|-------------------|--|
| Expanded ADA Paratransit area could increase operating costs by up to 25% as more residents with | Pouto Namo | Appual | |
| disabilities would be within ¾-mile of a fixed route. | Noute Name | Operating Cost | The Woodlands Township Op. Budget Impact |
| or a rinear outer | t Trolly Route | \$1,000,000 | \$500,000 |
| Requires additional trolleys. Route I | deas | | |
| Route # | † 1 | \$1,000,000 | \$500,000 |
| Requires additional operators, and Route # | ‡2 | \$500,000 | \$250,000 |
| supervision. Route # | ‡ 3 | \$800,000 | \$400,000 |
| Requires capital investment at | ŧ4 | \$800,000 | \$400,000 |
| stops or stations to meet expectations for safety and comfort. All Rout | te Ideas | \$3,100,000 | \$1,550,000 |







Town Center Trolley Operational Considerations

Idea – L7

On-Board Enhancements

Key Observations

- Equip the next fleet of trolleys with visual and audible stop announcements.
- Place tailored printed materials at stops and onboard trolleys.
- Improve the mobile app and trolley tracking; consider e-ink tablet onboard and/or at stops showing map and trolley location.
- Train maintenance staff or contractor to ensure functional state and accuracy.

IMPLEMENTED – New digital signage, infotainment screens and annunciators included in new trolley procurement







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Achievement's During Plan Development

Express Bus Service

- \$25 Million Federal Funds For New Commuter Coaches
- Midday Commuter Service
- Wi-Fi Throughout The Entire Commuter Trip (On agenda tonight)

Trolley Service

- Six (6) New Trolleys with onboard technologies to enhance rider experience
- · Compensation Study (Led to increase driver salaries)

Increased Marketing Efforts & Advertisement Budget For Both Services



Next Steps?

- Fare Increase Implementation
- Finish Trolley Schedule modifications
- Additional programmatic changes will be brought for Board of Directors consideration during the FY2025 budget cycle.

| Local Bus: En | hanced Service - | Limited Cost | | | |
|-----------------------------------|--|---|------------------------------|---------------------|---|
| Transit Idea | Details | Capital Cost | Operating | TWT | Implementation |
| Schedule Modification | Balance schedule with demand | \$106K | \$100K | | Purchase one accessible minivan (or similar) Ridership varies significantly by day and time of year Cost neutral with potential cost savings Better experience for riders and staff/drivers Eliminates most frequent complains. |
| Marketing Strategy | implement varies marketing strategies to increase awareness | \$12.5K Trolley \$25K Express Bus | S102K FTE S180K Agency | Budget Line Item | Varies |
| Local Bus: En | hanced Service - | Additional Cos | t | | |
| Local Non- profit Providers | Increase local funding to support partner transportation services | 50 | 50 | Up to S142K | Modify terms with non-profit organizations to annual max. reimbursement |
| Route 1 | Extend existing route to Hyatt Place Hotel and high-density office space | \$1.15M | SIM | SSOOK | 40 minutes round trip Requires four vehicles to maintain 10 minute headways |
| Route 2 | Extend to Memorial Hermann, Residence Inn, Hitton Garden Inn | \$650K | SSOOK | \$250K | 20 minutes round trip Requires two vehicles to maintain 10 minute headways |
| Route 3 | Extend west to Hughes Landing and Northshore Park | Sesok | SBOOK | \$400K | 30 minute trip time Requires two vehicles |
| Route 4 | Extend south to The Woodlands Resort, Grogan's Mil Wlage | \$1.15M | SIM | \$500K | 40 minute round trip Requires four vehicles |
| All Routes | Implement all route ideas | \$3.85M | \$3.1M | \$1.7M | - Requires 12 additional vehicles |

| ransit Ideas | Enhanced Service Details | Capital Cost | Operating Cost | TWT | Implementation |
|---|--|---------------|----------------|---|---|
| Memorial City Extension | Extend Energy Corridor Route to include Memorial City | 50 | SSOK | 56.8K | Coordination Only No additional runs or buses needed Net new ridership = ~35/day |
| University of Houston Extension | Extend to UH | | 5128K | \$3.5K | Coordination No additional buses needed Net new ridership = ~80/day |
| Commuter Bus Schedule Modifications | Adjust schedules to include mid- day route | \$800K | 5136K | 510K | - Requires one additional bus |
| Commuter Bus: | Enhanced Service | e – Additiona | Cost | | |
| New Service to IAH | New service to Airport | \$900K | \$1.35M | \$368K | Coordination Requires six medium duty cutaway buses Net new ridership = ~150/day |
| Nightshift Express Bus | Additional runs to service essential workers at TMC | \$1.7M | 5832K | \$275K | Requires two commuter buses Marketing/education Net new ridership = ~50/day |
| Commuter Bus: | Operational Cor | siderations | | | |
| Facilities Development – Scenario 1 | Construct maintenance facility, bus wash, and storage yard | SIOM | \$825K | Varies based on service contract type | |
| Facilities Development – Scenario 1 | Construct bus wash and storage yard | \$4.25M | SS50K | Varies based on service contract type | Major reduction in deadhead miles |

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Thank You

www.thewoodlandstownship-tx.gov/1145/Transit-Projects

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What Has Been Done So Far?

- Determined the objectives of the study
- Conducted review of existing conditions
- Distributed and compiled community survey
- Developed initial findings regarding possible service
- Prepared four Service Alternatives for intra-city and intercity services
- Conducted two rounds of public meetings in person and online on the service alternatives



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What Does Alternatives Analysis Evaluate?

- Are important service needs met?
- Does the transit service type fit Pearland?
- Is there an expectation of community support for the service?
- Is there a reasonable possibility of residents using the service?
- Is it reasonable to implement, and how?
- What outside revenues may be used?
- Can it be started as a pilot project and evaluated as the service proceeds?
- How much will it cost the City of Pearland annually?



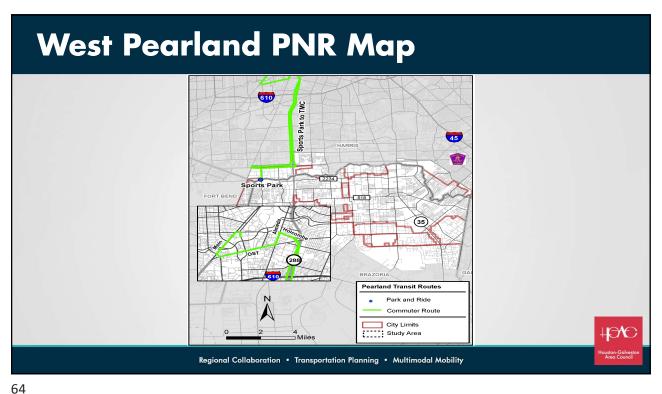
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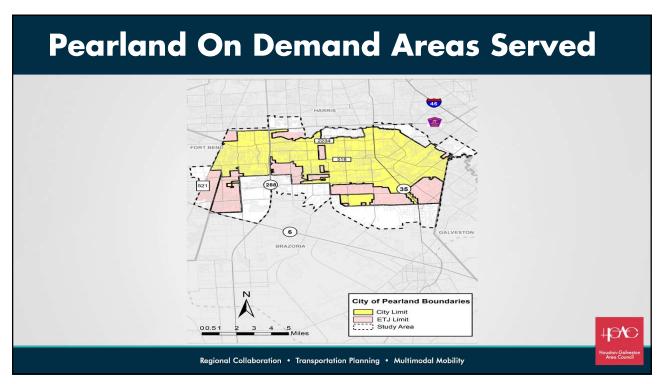
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Transit Alternatives Comparison (Year One)

| Service Option | Estimated Cost | Estimated Annual Ridership | Proposed Fare | Local Share of Cost |
|---|-------------------|-------------------------------|--------------------|---------------------|
| # 1 Existing Services | \$108,000 | 3,000 | Varies, up to \$12 | \$36,000 |
| # 2 No Build Plus Commuter West Pearland Bus | \$ 868,000 | 83,000 | \$ 4 one way | \$112,000 |
| # 3 Citywide Microtransit Plus Commuter West Pearland Bus | \$ 2,700,000 | 115,000 | \$ 4 one way | \$438,000 |
| # 4 Citywide Ridehailing Plus Commuter West Pearland Bus | \$1,420,000 | 115,000 | \$ 4 one way | \$556,000 |

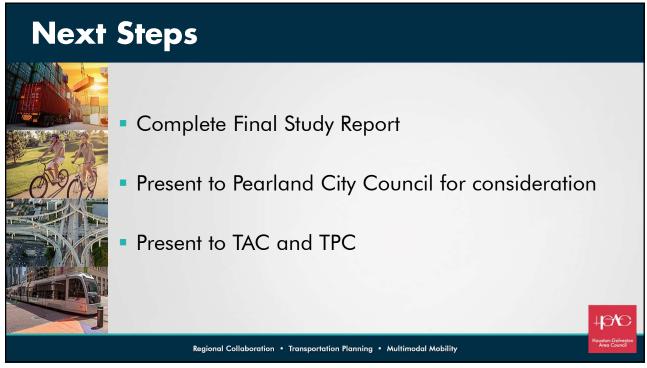
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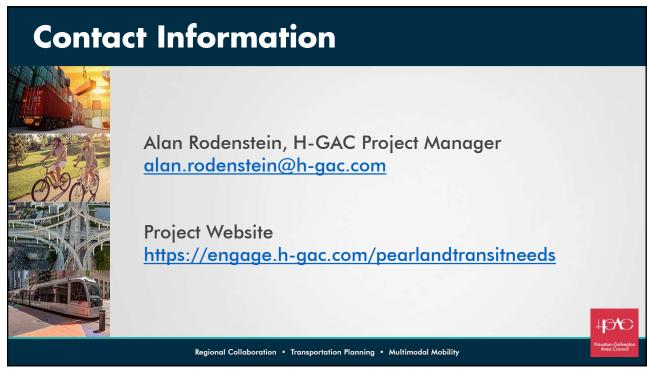




Cost-Benefit Analysis Considering Federal Dollars Pearland Transit Benefit Cost Analysis (2026 – 2040)* Estimated Federal Revenues Benefit Cost Ratio (With Fed Help) Emission Safety Fare Box Parking Benefits Benefits Income Benefit Total Benefits **0&M Options PNR West** 7.4 1.6 1.8 2.9 4.4 18.1 5.9 3.1 3.5 3.7 Micro 1.3 27.3 0 16 0.6 **Transit** Ride 1.3 1.3 0.3 Hailing • Providing enhanced service offers several benefits, including but not limited to, the benefits shown above. #**P**C • Due to its small size, existing services could not be included in this analysis Regional Collaboration • Transportation Planning • Multimodal Mobility

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National Center for Mobility Management – Community Transportation Map

The Community Transportation Map is a record of FTA funded transportation agencies across the nation and it now shows a heat map of agencies nationwide.

Mobility management and volunteer driver programs have been added to our service categories and we are asking for your help populating the map! Use our quick survey to submit your information so that you can be added.

https://nationalcenterformobilitymanagement.org/



