

Project Title: Milpitas Personal Rapid Transit (PRT) – advanced transit to ease congestion and reduce emissions.

Problem Statement: Our current ground transportation systems inefficiently use energy, land and materials while creating inequality, traffic congestion and vast amounts of greenhouse gases.

Solution Statement: Create a transferable advanced transit system that 1) demonstrates exceptional service to the public, and 2) can grow locally, be replicated virally, and scale to serve large metropolitan areas.

| Inputs | Outputs | | Outcomes -- Impact | | |
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| | Activities | Target groups | Short | Medium | Long |
| Staff time (LoopWorks President, Board members and volunteers) 1 st phase funding from SVCE and other funding sources (\$600K) PRT hardware and software designs from ITNS LoopWorks business plan, Bylaws, website | Secure a right-of-way MOU (Memorandum of Understanding) with the City of Milpitas Secure MOUs from 7 other owners (public and private) Select PRT control software Select design-construction company Secure 2 nd phase funding (\$6M) | Stakeholders: City, school district, property owners, and community members Business leaders, especially those in the Metro Area Political leaders in the Bay Area Transit experts Foundations focused on GHG emissions | Extend credibility and awareness of PRT and its potential value Gauge financial support level of foundations for advanced transit Validate PRT cost and schedule estimates Alert CPUC to a new transit paradigm | Build great public transit for use by residents and visitors in Milpitas Metro Area PRT prompts much more use of public transit options Congestion, greenhouse gases and air pollutant emissions reduced in the Metro Area Provide inspiration to other cities to replicate PRT Judge if alternative revenue streams are adequate to fund O&M | Inspire rapid adoption of advanced transit that dramatically reduces transp. sector emissions Data and know-how gained from building this first PRT system is used to spark, refine and bolster future PRT projects Public demand in Milpitas leads to expanded system that serves the entire city. |

| Assumptions |
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| Traffic congestion and emission levels will "return to normal" after COVID-19. |

| External Factors |
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| Existing transportation modes and financial interests may respond negatively to a new transit paradigm. |