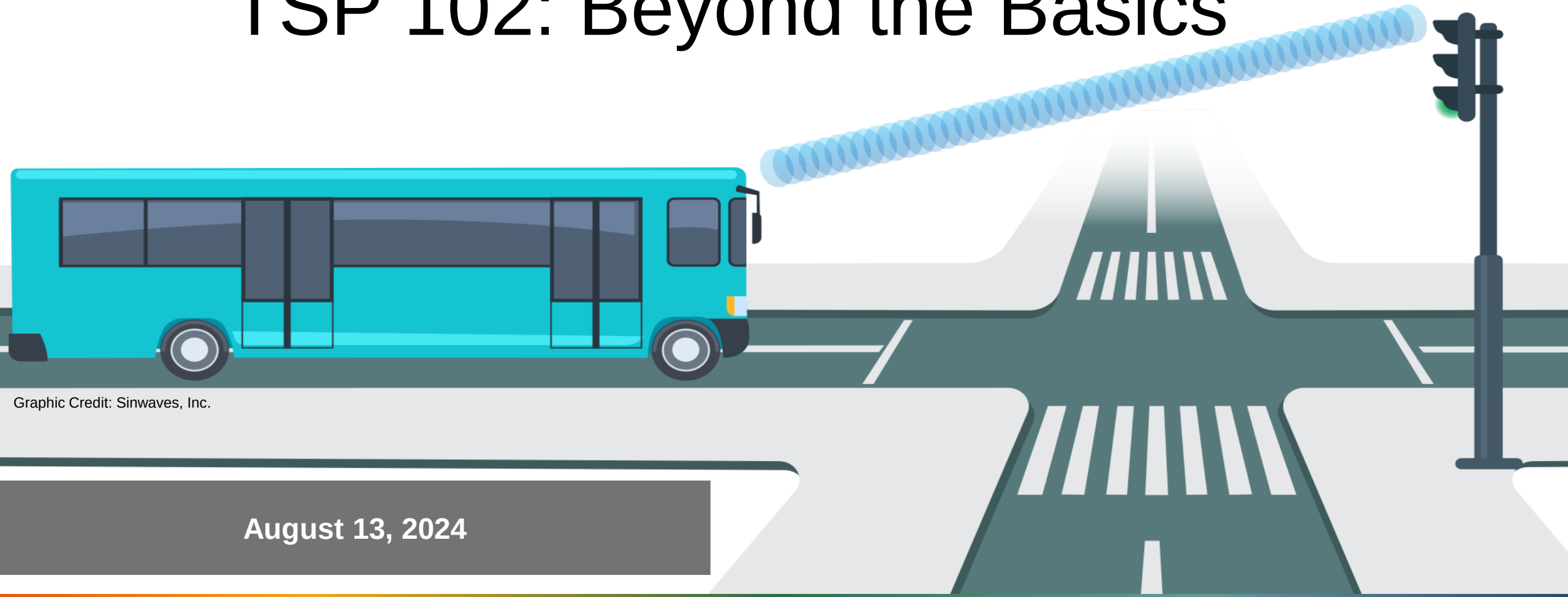
MTC Tech Transfer Seminar
TSP 102: Beyond the Basics



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August 13, 2024

Agenda

1:00 Welcome and Introductions *(Britt Tanner, MTC)*
Van Ness BRT: GPS-based TSP and Passive TSP *(Tony Young & Liliana Ventura, SFMTA)*
Cloud Based TSP: San Jose *(Eric Lee & Vanessa See, City of San Jose)*

2:50 Break *(10 minutes)*

3:00 Cloud Based TSP: Walnut Creek & Concord *(Hisham Noeimi, CCTA)*
Coordinating with Multiple Jurisdictions *(Ray Santiago, Golden Gate Transit)*

4:00 Panel Q&A

4:20 IDEA TSP Call for Technical Assistance *(Britt Tanner, MTC)*

Hosts: MTC

Britt Tanner works on Transit Priority in the Regional Network Management section at MTC. Prior to joining MTC, Britt spent 20+ years in SFMTA's Transit Engineering section, leading projects such as SFMTA's Transit Signal Priority guidelines, TSP on Van Ness BRT, and Car Free Market Street.

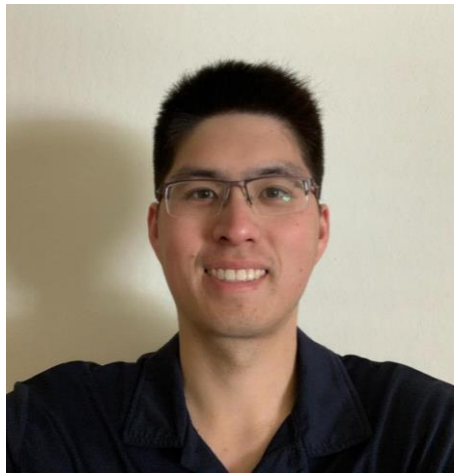
Joel Shaffer is a licensed Civil Engineer with 10 years of experience working on transit and active transportation projects in the public and private sectors. At MTC, he manages the Bus Accelerated Infrastructure Delivery (BusAID) funding program, which invests in quick-build transit priority projects throughout the Bay Area.

Speakers: SFMTA

Liliana Ventura is a licensed Civil Engineer. In 2012 she joined SFMTA's Transit Engineering where she developed and implemented transit priority projects. In 2020, she joined SFMTA's ITS program, managing San Francisco's TSP & traffic signals communication network.

Tony Young is a licensed Traffic Engineer and has been working on signal and timing projects with a focus on rail transit projects since 2008. During this time, he has designed and implemented traffic signal upgrades and TSP/preemption programming on projects such as Chase Center, Central Subway and Van Ness BRT.

Speakers: San Jose



Eric Lee is an Associate Engineer with 7 years of experience managing the City's communication network for 965+ traffic signals in San Jose. He is responsible for implementing various signal optimization projects like ATSPM, Adaptive Traffic Control Systems, and Central TSP.

Vanessa See is an Associate Engineer with 4 years of experience working on transit-related signal timing projects. She is a licensed Civil Engineer and Traffic Engineer and is currently managing the signal timing implementation for Central TSP for 9 VTA bus routes in San Jose.

Speakers: CCTA & Golden Gate Transit

Hisham Noeimi has over 34 years of experience in the transportation field in both the public and private sectors. He has been with CCTA for the past 24 years and is currently serving as the Director of Programming. He holds BS and MS degrees in Civil Engineering from UC Berkeley, and is registered as a Professional Engineer in CA.

Raymond Santiago has over 35 years of traffic engineering and transportation planning experience in the Bay Area and Sacramento regions. He has been with the Golden Gate Bridge, Highway and Transportation District for the past 14 years and is currently managing the San Rafael Transit Center Replacement Project.

IDEA TSP Program

Innovative Deployments to Enhance Arterials (IDEA) Transit Signal Priority (TSP) supports the advancement of TSP throughout the region, and encourages interagency cooperation to deliver TSP projects.

- Grants up to $1M for Technical Assistance through consultant services, to provide:
  - Planning and Engineering to develop TSP projects
  - Systems Engineering & Integration for TSP projects
- Grants will not fund capital or other expenses.
- No local match requirement.
- Applications are due September 12, 2024.
- For more info, see https://mtc.ca.gov/IDEATSP

Example Eligible Projects

Planning and Engineering Services

- Corridor/hotspot needs assessment
- Develop shovel-ready TSP project
- Upgrade TSP (e.g. infrared to GPS)
- Optimize existing TSP signal operations

Systems Engineering & Integration:

- Conceptual planning/engineering for new TSP
- System development and integration of cloud-based TSP system
- Design communications network to support TSP