



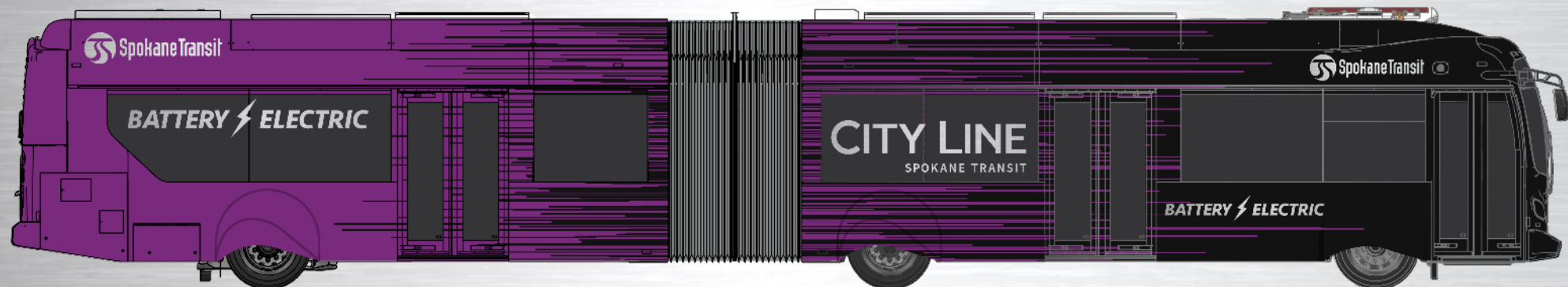
City Line Steering Committee

Advance Presentation Packet

Meeting #17


February 17, 2021

2:00 – 3:30PM



Meeting Materials

- The following slides are provided as preparatory materials for the February 17 meeting. Staff will be available to answer questions during the agenda.

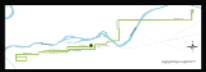


CITY LINE
SPOKANE TRANSIT

MAIN & DIVISION

52° F Current 2:20 PM Monday, March 27

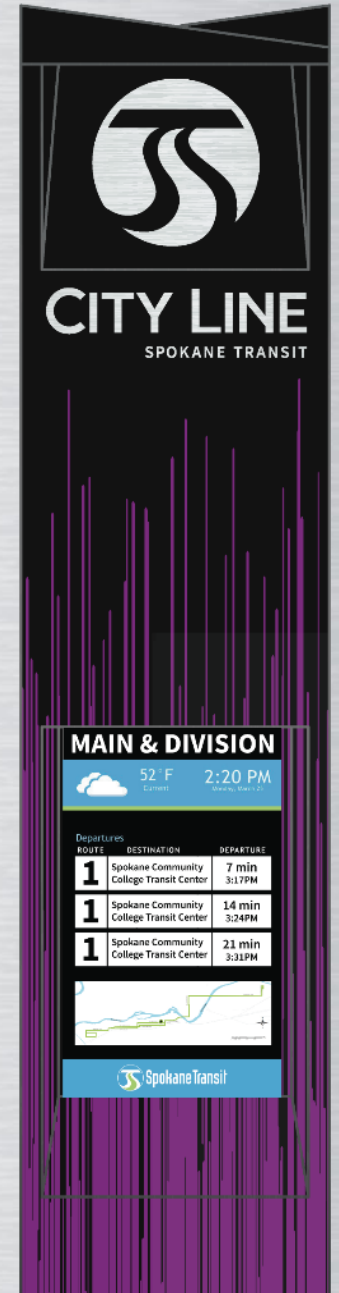
Route	Destination	Departure
1	Spokane Community College Transit Center	7 min 3:17PM
1	Spokane Community College Transit Center	14 min 3:24PM
1	Spokane Community College Transit Center	21 min 3:31PM



Spokane Transit

Agenda

- Welcome, Introductions, and Agenda Review
- Public Expressions
- Administrative Tasks
- Review Committee Purpose and Opportunity
- Project Updates
- City Line – Adjacent Projects
- Steering Committee Work Program
- Closing Remarks



Review Committee Purpose and Opportunity

- Provide policy and strategic guidance for the project development phase of the City Line
- Provide project-related recommendations and input to the STA Board of Directors and the Spokane City Council
- Provide connection to the community through participation on this committee
- Further the vision of the STA Moving Forward Plan through successful collaboration during the project development phase of the City Line

Project Updates

- Contracts/Procurements overview
- Financial Status
- Battery electric buses
- Station and roadwork construction
 - Core Construction Schedule
 - Other construction activities
 - Construction impacts
 - Coordination with other construction
 - Outreach tactics
- Other implementation activities
 - Shelter fabrication and installation
 - Spokane Arts/Station Identification work
 - Browne's Addition custom shelters request
 - Transit signal priority
 - Technology integration

Contracts and Procurements


- ✓ Core Construction
- ⌘ Wall Street Construction
- ⌘ Station at SCC TC
- ✓ Charging Installation
- ⌘ Amenities Installation
- ✓ Telecomm Infrastructure
- ⌘ Riverside Avenue Stations

Construction




- ▶▶ Avista: Utility Relocates
- ▶▶ Avista: Utility
- ▶▶ Avista: Charging Infrastructure
- ▶▶ Century Link: Line, Vault Relocates

Utilities




- ✓ A/E Jacobs WO#5 - 8
- ⌘ A/E SEMP & Implementation
- ✓ Coffman A/E: Wall St. Design
- ⌘ Coffman A/E: Riverside Design
- ✓ Coffman A/E: Station at SCC TC Design
- ✓ IBI A/E: HPT Facilities Design & Communications

Professional Services




- ✓ HPT Amenity Fabrication
- ✓ Seating/Bin Purchases
- ✓ Content Mgmt. System

Fabrication & Materials




- ✓ Battery Electric Buses
- ✓ Fare Validators
- ✓ Ventek: TVMs

Vehicles & Hardware



- ✓ A/E Jacobs WO#9 - 11
- ✓ Coffman/Hill: Const. Mgmt.
- ✓ Coffman/Hill: Const. Review
- ✓ Coffman: Misc. Survey
- ✓ Budinger: QA/QC Testing

Construction Services

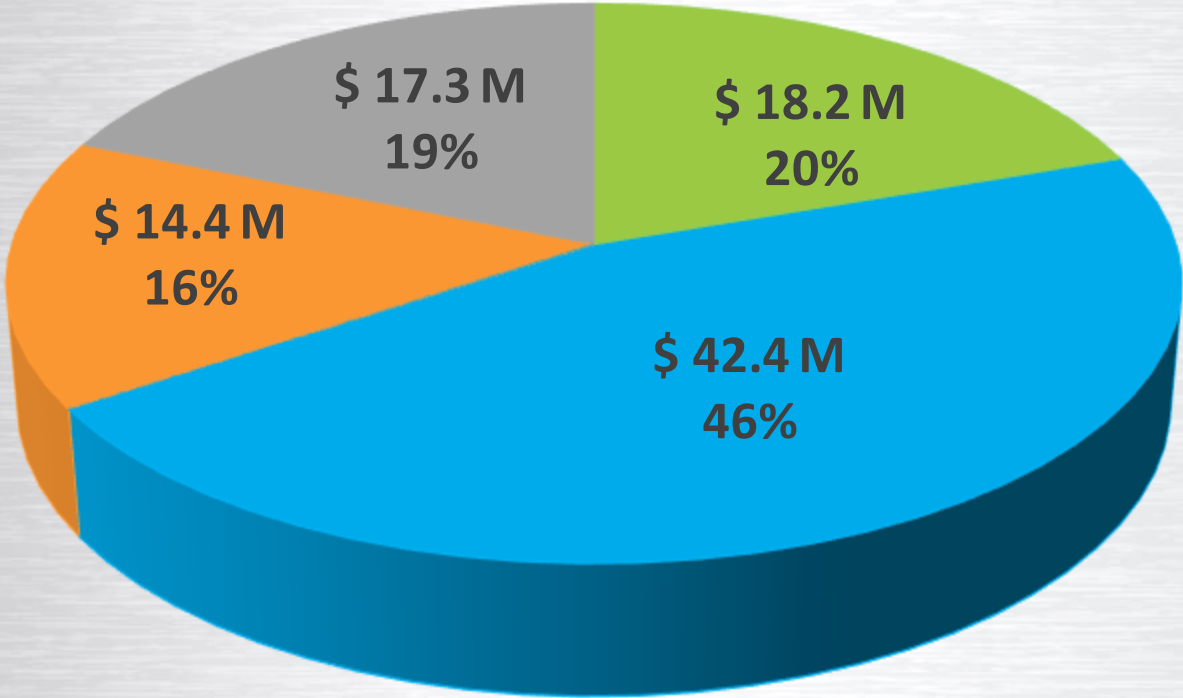


- ✓ Complete
- ▶▶ Ongoing
- ⌘ STA Working On

Financial Status

City Line Financial Outlook*

* as of 02/10/2021



- Expensed
- Committed
- Forecasted
- Uncommitted

Battery Electric Buses

- Test bus received in December; additional buses to begin arriving in April and fully delivered by June 11, 2021.

Station Work & Roadwork Construction

Core Construction 2021 Schedule

	Start	Finish	March	April	May	June	July	August	Sept	Oct	Nov
Maple and Pacific	1-Mar-21	14-Apr-21	█								
Station 8 - 1st & Monroe	15-Mar-21	22-Apr-21	█	█							
Station 9 - Sprague & Monroe	22-Mar-21	22-Apr-21	█	█							
Station 3 - Pacific & Hemlock	5-Apr-21	18-May-21		█							
Station 5 - Pacific & Oak	5-Apr-21	18-May-21		█							
Sta 20 & Cin-South (Springfield to Centennial Trail)	26-Apr-21	28-May-21		█	█						
Station 19A&B and Spokane Falls Blvd	17-May-21	8-Jul-21			█						
Station 22 - Mission & Columbus	17-Jun-21	16-Jul-21				█	█				
Station 12 - Main & Howard	6-Jul-21	6-Aug-21					█	█			
Station 14 - Main & Bernard	19-Jul-21	13-Aug-21					█	█			
Station 11 - Wall & Sprague	2-Aug-21	24-Aug-21						█	█		
Station 25B - Mission & Napa EB	10-Aug-21	3-Sep-21						█	█		
Station 26B - Mission & Cook EB	16-Aug-21	10-Sep-21						█	█		
Station 24 - Mission & Perry	23-Aug-21	16-Sep-21						█	█		
Station 25A - Mission & Napa WB	7-Sep-21	28-Sep-21							█	█	
Station 26A - Mission & Cook WB	13-Sep-21	5-Oct-21							█	█	
2021 Substantial Completion		17-Nov-21									◆

Other Construction Activities

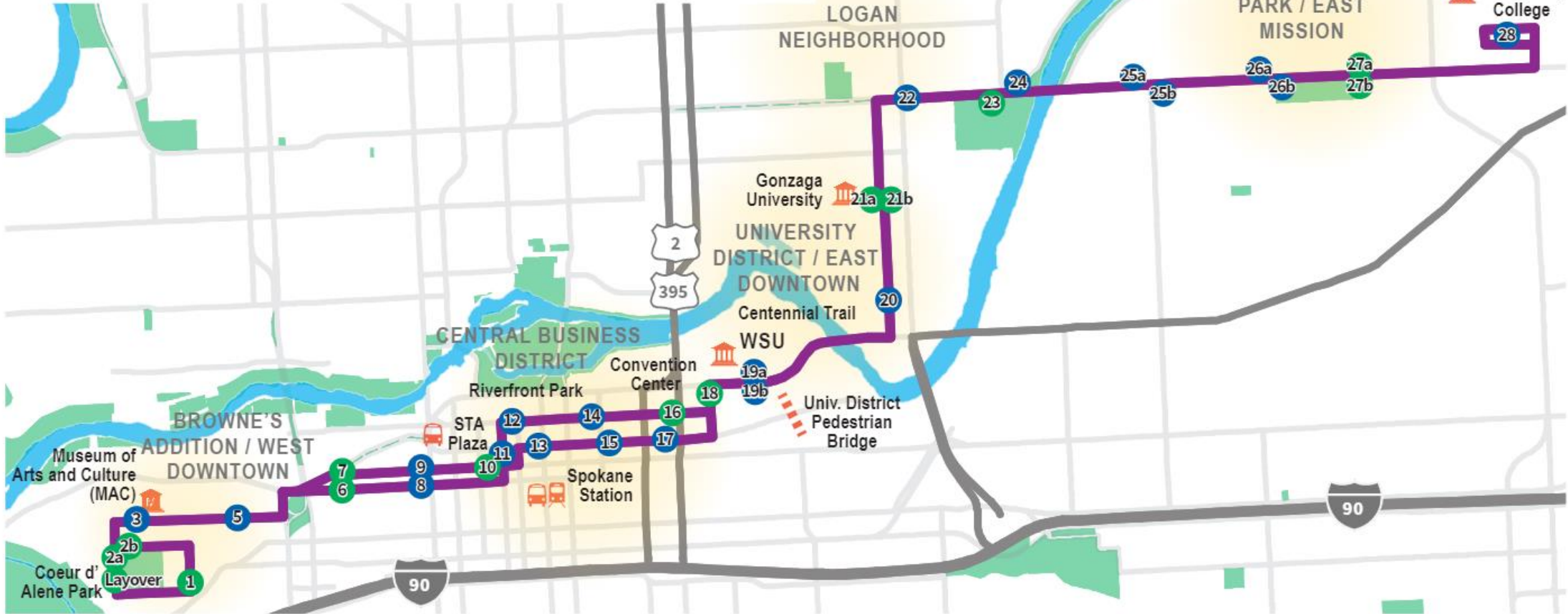
- Crews began work on BEB Infrastructure 11/9/2020
- SCCTC – Overhead charger installation scheduled for 02/16
- Anticipated completion dates:
 - SCCTC on 02/26/2021
 - Boone NW Garage on 04/06/2021



Looking Northwest – North Pentagraph location

City Line Station and Roadwork Construction Progress

December 9, 2020

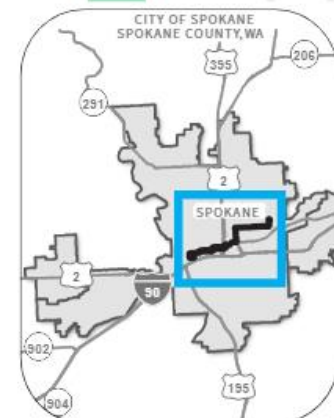


Progress

- Complete
- Under Construction
- Planned for Construction in 2021

Roadway Improvements

- Sharp Roundabout
- Cincinnati/Mission intersection
- Cincinnati North
- Cincinnati Greenway
- Maple/Pacific
- Wall Street



Construction Impacts

- Utility work to support Core Construction and upgrade city utilities that are impacted
 - Avista, Lumens (*formerly CenturyLink*), city utilities
- Roadway work to support Core Construction
 - Station related impacts & roadway impacts
- Station work
 - Platform work
 - Bus pad
 - Utilities to support station (power and communication)

Coordination with other construction

- Weekly meetings with the City of Spokane
 - Discuss our project
 - Discuss upcoming projects in the region
- Joint Utility Coordination Meeting (2/18/2021)
 - Discussion with regional utilities and municipalities to review 2021 Construction
- Review obstruction permits provided to us by the City of Spokane to determine if there are impacts to Core Construction.

City Line Outreach Strategy 2021 -2023

- 2021 Objectives
 - Construction awareness
 - Testing and training awareness
 - Service awareness (May 2022)

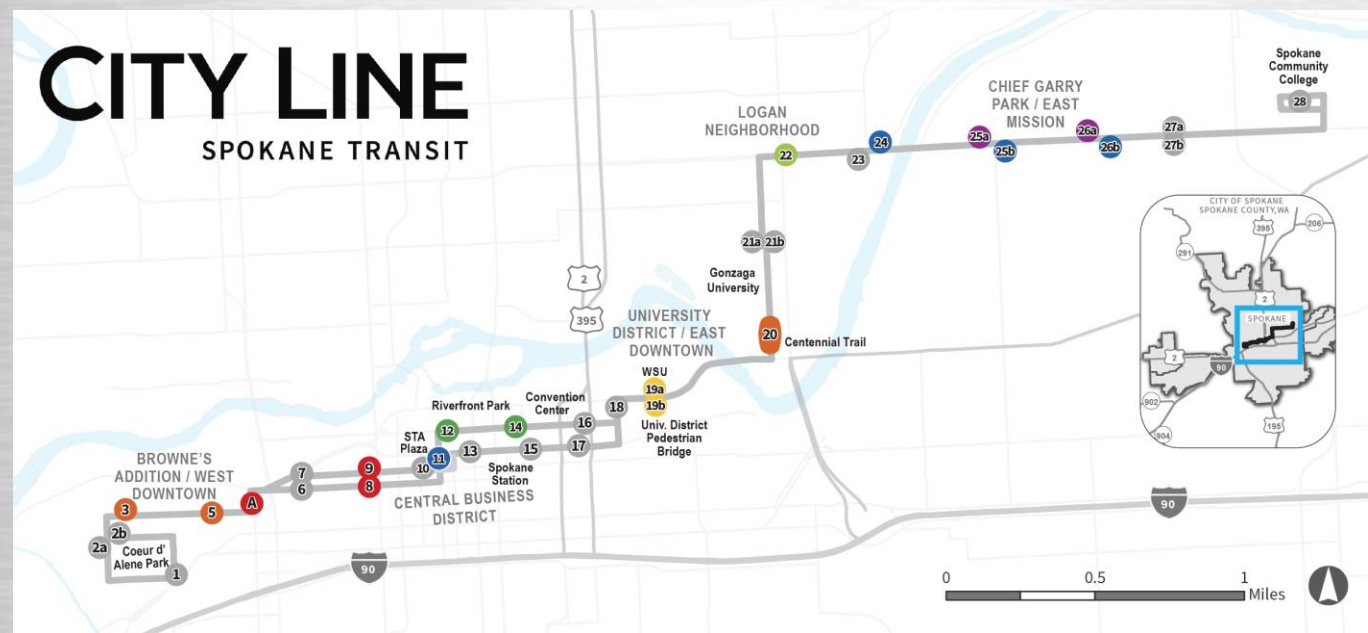
- 2022 Objectives
 - Construction Awareness
 - Testing and training awareness
 - Service awareness
 - Ridership
 - Promote transit investments in other major corridors

- 2023 Objectives
 - Ridership
 - Promote transit investments in other major corridors

Construction Outreach Strategy

Feb – Nov 2021

- Site-specific communication
- Construction vicinity communication
- Region-wide project communication



Outreach Strategy

Feb – Nov 2021

- Site-specific communication
 - Contractor and STA staff
 - Mailers
 - Door-to-door

Outreach Strategy

Feb – Nov 2021

- Construction vicinity communication
 - STA Communications
 - Stakeholder outreach (DSP/BID, UD, neighborhoods, others)
 - City Line constructions website
 - Paid social media promotion (videos, ads)
 - Billboards
 - Multiple mailers
 - City of Spokane obstruction notices

Outreach Strategy

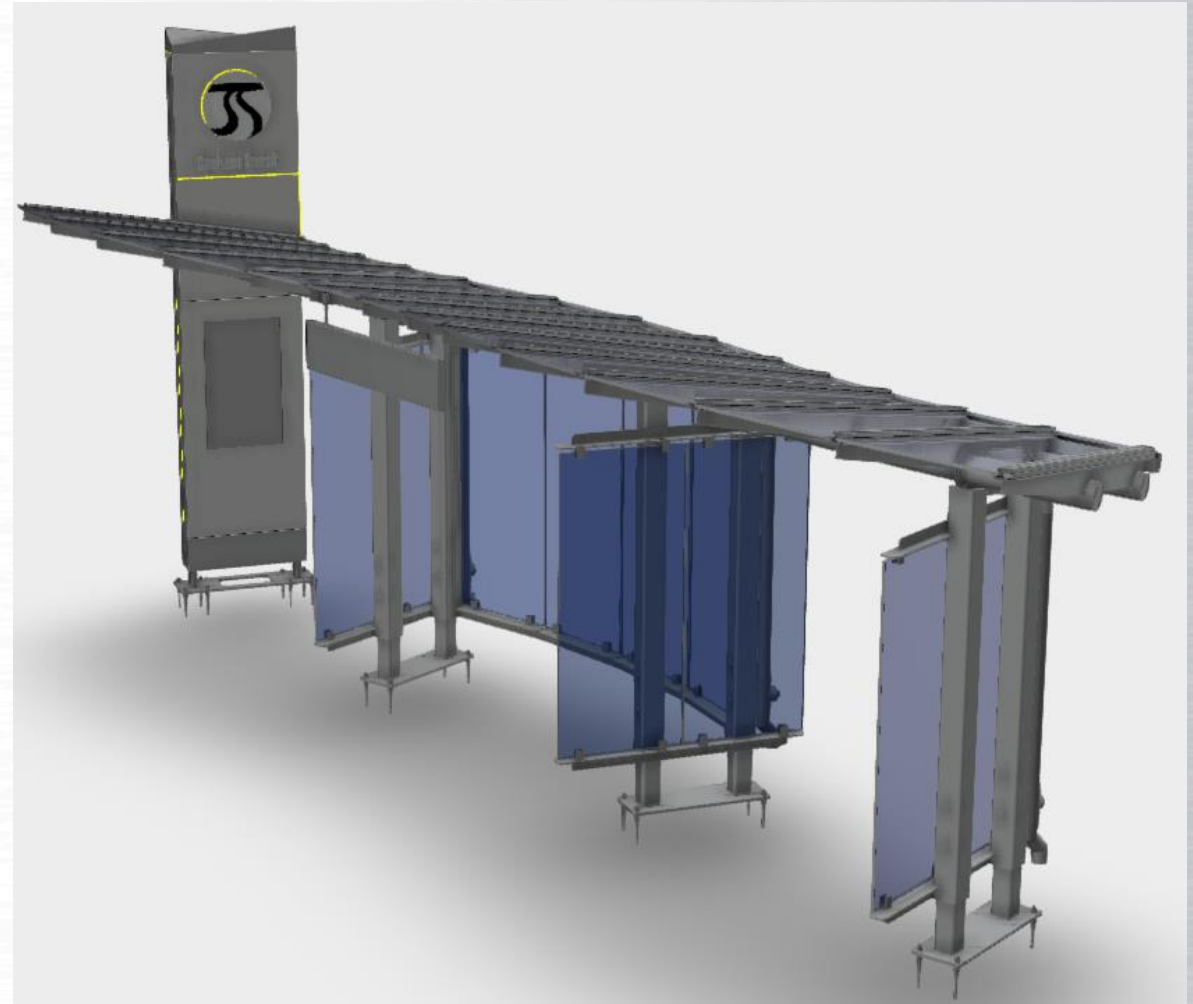
Feb – Nov 2021

- Region-wide project communication
 - STA Communications
 - Stakeholder outreach
 - Paid social media promotion
 - Billboards
 - Print Ads
 - Videos
 - STAMF Newsletter (monthly)
 - City of Spokane obstruction notices

Other Implementation Activities

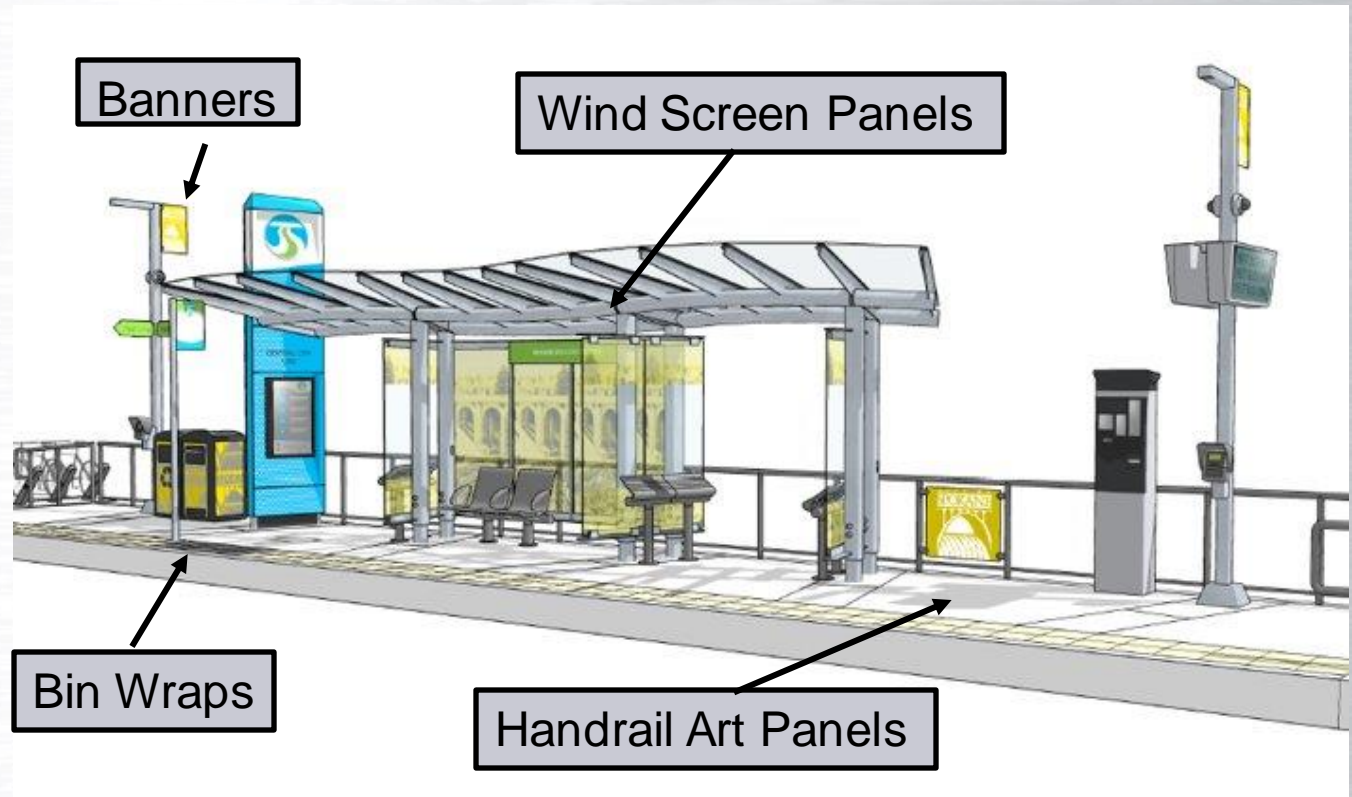
Shelter Fabrication & Installation

- Shelter fabrication contract executed November 2020
 - Final design for fabrication is ongoing; 75% milestone on 2/5/21
 - Prototype phase begins May 2021
 - Deliveries begin late December 2021
- Other amenity procurements ongoing
 - Combo of new contracts, State contracts, existing contracts
- Installation package in development
 - Work includes install of all amenities and electrical/data work at platforms
 - Staff intends to advertise by mid-March



Spokane Arts/Station Identification Work

- Elements include:
 - Shelter wind screens
 - Handrail art panels
 - Trash/recycle bin wraps
 - Banners
- Design contract with Spokane Arts
 - March 2021: Call for artists/neighborhood juries
 - April to June 2021: artist design
- Incorporate designs into Stations
 - Fall 2021: Fabrication
 - 2022: Installation



Transit Signal Priority (TSP)

- TSP planned along Mission Ave. at Cincinnati, Hamilton, Napa and Sycamore (SCC)
 - Varying levels and times of priority
- Buses will be outfitted with the TSP equipment
- Coordinating with the City of Spokane to finalize TSP conditions of priority
- Testing to occur Summer 2021
- TSP part of a larger more complex system (bus locations, schedule adherence, marker beacons)

Technology Integration

- Project includes multiple technology components that must be installed and tested
 - TSP, fare collection, CCTV, customer service media, back-end systems, video and audio systems, marker beacons, etc.
- Request for Proposals (RFP) issued to conduct a gap analysis to identify and provide potential solutions to technology/system gaps
- Final implementation plan to be completed in Summer 2021

City Line – Adjacent Projects

- Fare System Upgrade
- Riverside Avenue Rebuild (City of Spokane)
- STA 2022 Service Revisions
- Pilot Transit Oriented Development (City of Spokane)

Fare Collection System Project

Current Fare Collection System



- Genfare farebox system installed in 2006
- Established to handle all existing fare media and fare programs in use at STA
 - Cash
 - Magnetic strip
 - Smart Cards
- Farebox system provides
 - Single-point logon for operators
 - Integration with Trapeze CAD/AVL
 - Data collection at farebox (nightly)
 - Customer acceptance of non-cash options
 - Straightforward cash collection and reconciliation
 - General reliability of components

Modernized Fare Collection

- New account-based central computer system
- New account-based smart card system
- New mobile payment options
- Validators that read smart card, bar code and mobile devices
- Cost-effective ticket vending machines at selected stations and locations
- Handheld fare inspection devices to support proof-of-payment operations
- All while maintaining existing fareboxes for cash collection



- ✓ *Enhanced passenger convenience and accessibility*
- ✓ *Reduced dwell time by increasing offboard payment options*
- ✓ *Improved ridership information*



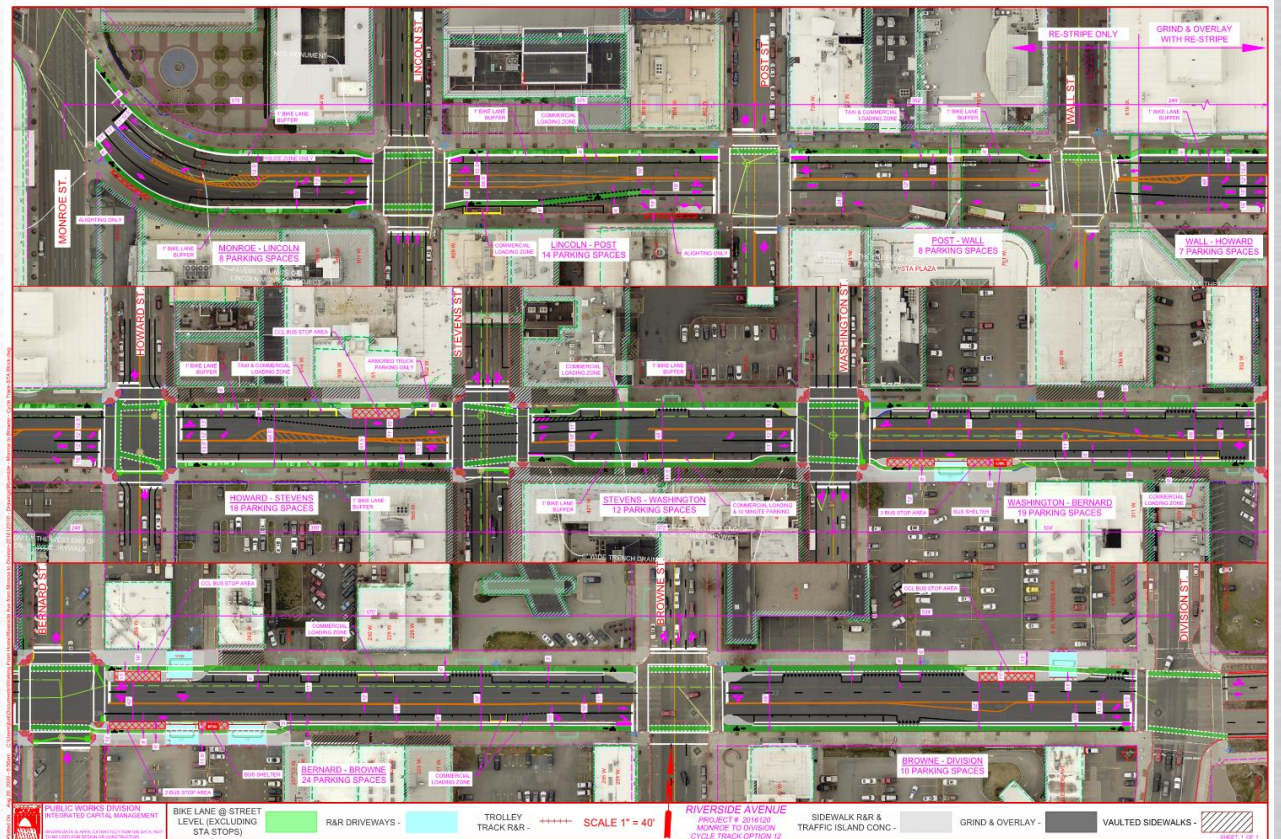
Project Schedule

Supported by dedicated INIT and STA resources throughout duration of project



City of Spokane – Riverside Avenue

- Scope of Work
 - Asphalt Grind and Overlay
 - Pavement Striping
 - ADA Ramp Upgrades
 - Signal Upgrades
 - Utility Work



City of Spokane – Riverside Avenue

- Schedule
 - Design – 2021
 - Construction Begins – Spring 2022
 - Construction Ends – Fall 2022

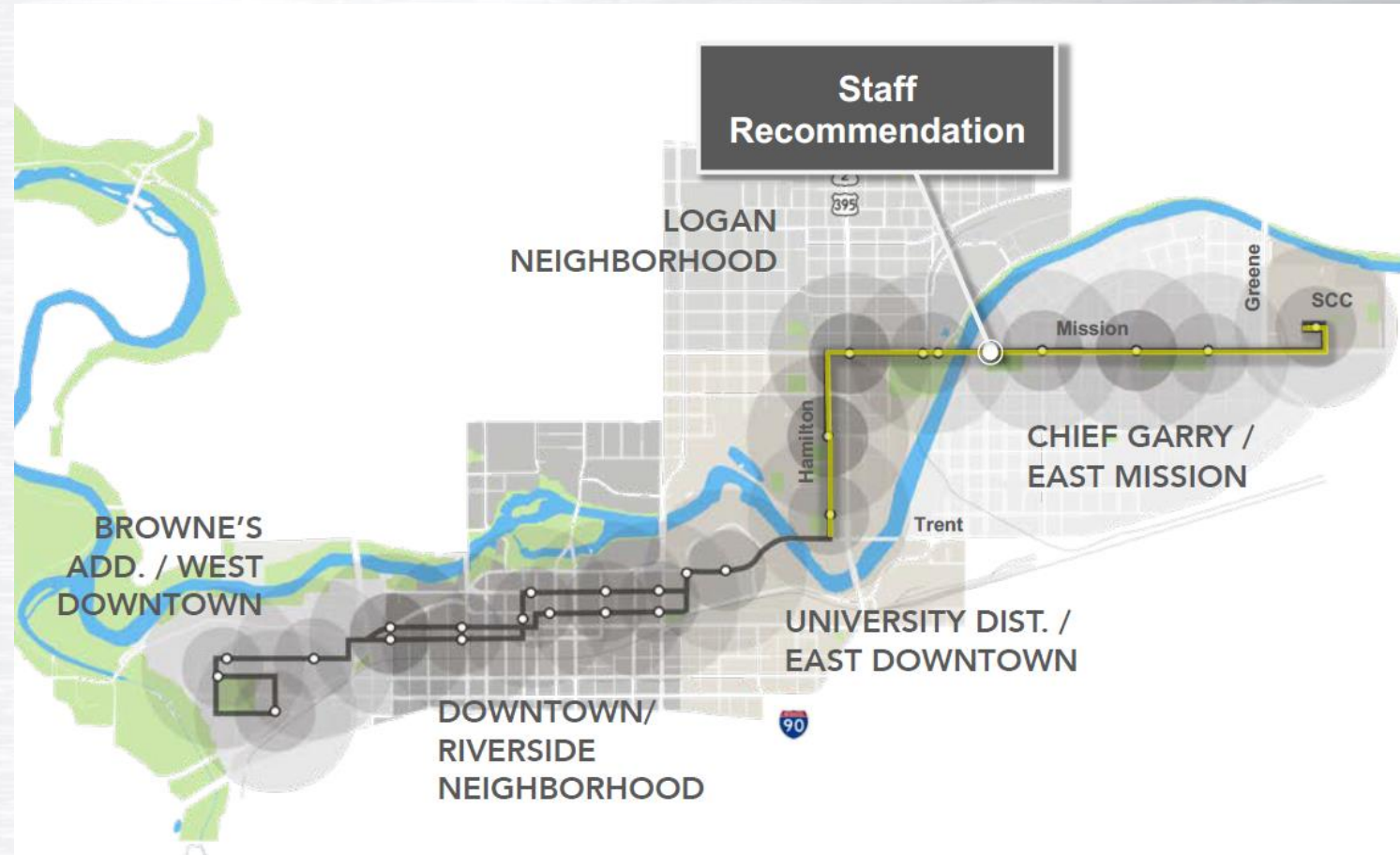
2022 Service Revisions

- STA Moving Forward includes substantial improvements to be implemented in 2022
 - Implement the City Line
 - Improve routes and frequency to Northeast Spokane
- STA is also seeking to improve system performance and respond to community input
- Process and assumptions have been revised due to COVID-19 Pandemic but maintains key objectives and an overall increase in service growth
- Draft Recommendation will be available for public comment in March



Transit Oriented Development / Station Area Planning Framework (City of Spokane)

- Study Purpose
 - Identify an approach for **transit supportive changes and priority infrastructure investments** that:
 - Can be applied along high-performance transit corridors; and
 - Implements the City of Spokane Comprehensive Plan's Centers and Corridors growth strategy

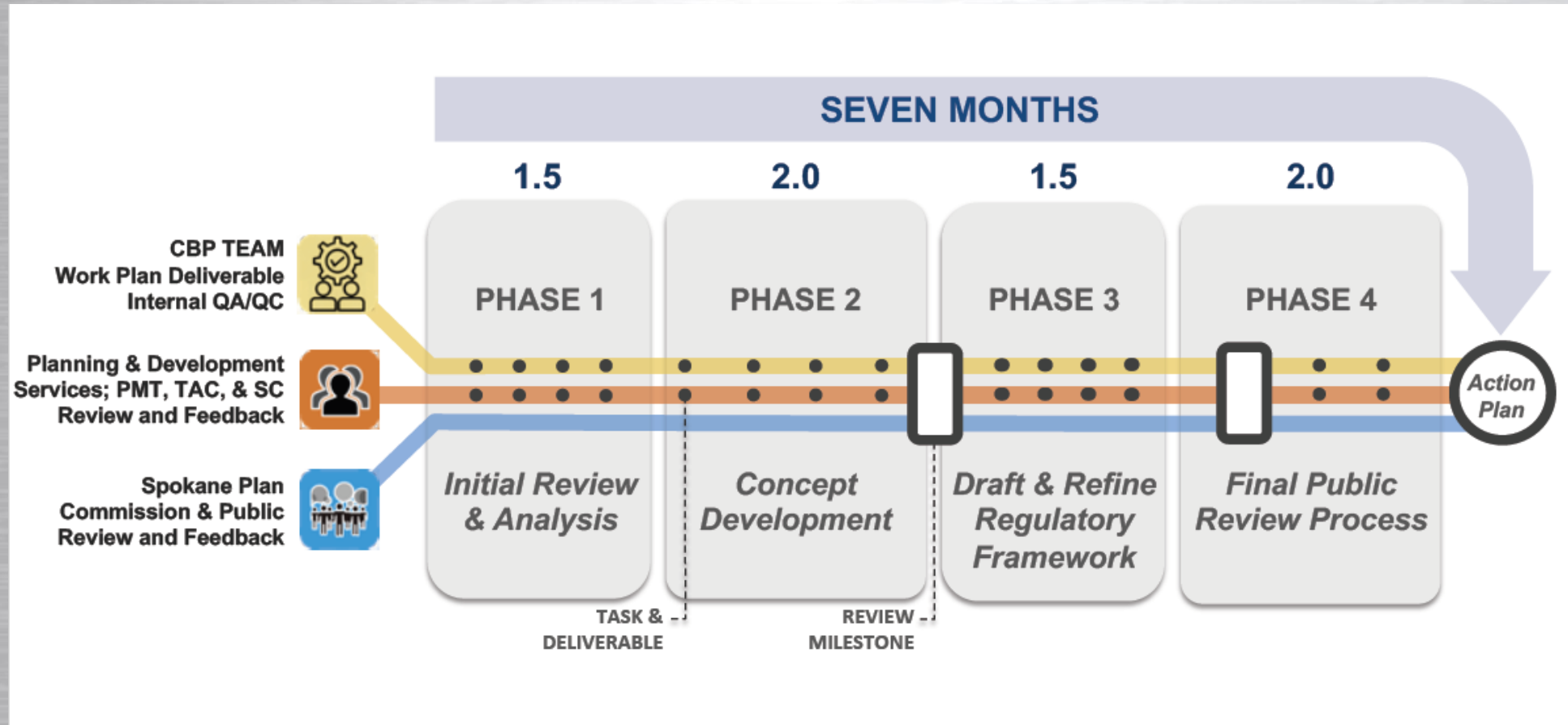


Transit Oriented Development / Station Area Planning Framework (City of Spokane)

- Station Area Planning Principles
 - Establish a **multi-modal corridor** (walking, biking, transit and auto)
 - Increase potential **ridership** (station access and new development)
 - Enable station areas to achieve their **development potential** (capture latent market demand and improve quality of life)
 - Identify **infrastructure** investments and **policy changes** (ensure funding priorities and policies encourage transit supportive development)

Transit Oriented Development / Station Area Planning Framework (City of Spokane)

■ Study Process & Schedule



Steering Committee Work Program

- Review proposed key discussion topics for remaining meetings
- Discussion: *How can committee members be empowered to demonstrate coordination of the project communications outside of meetings?*