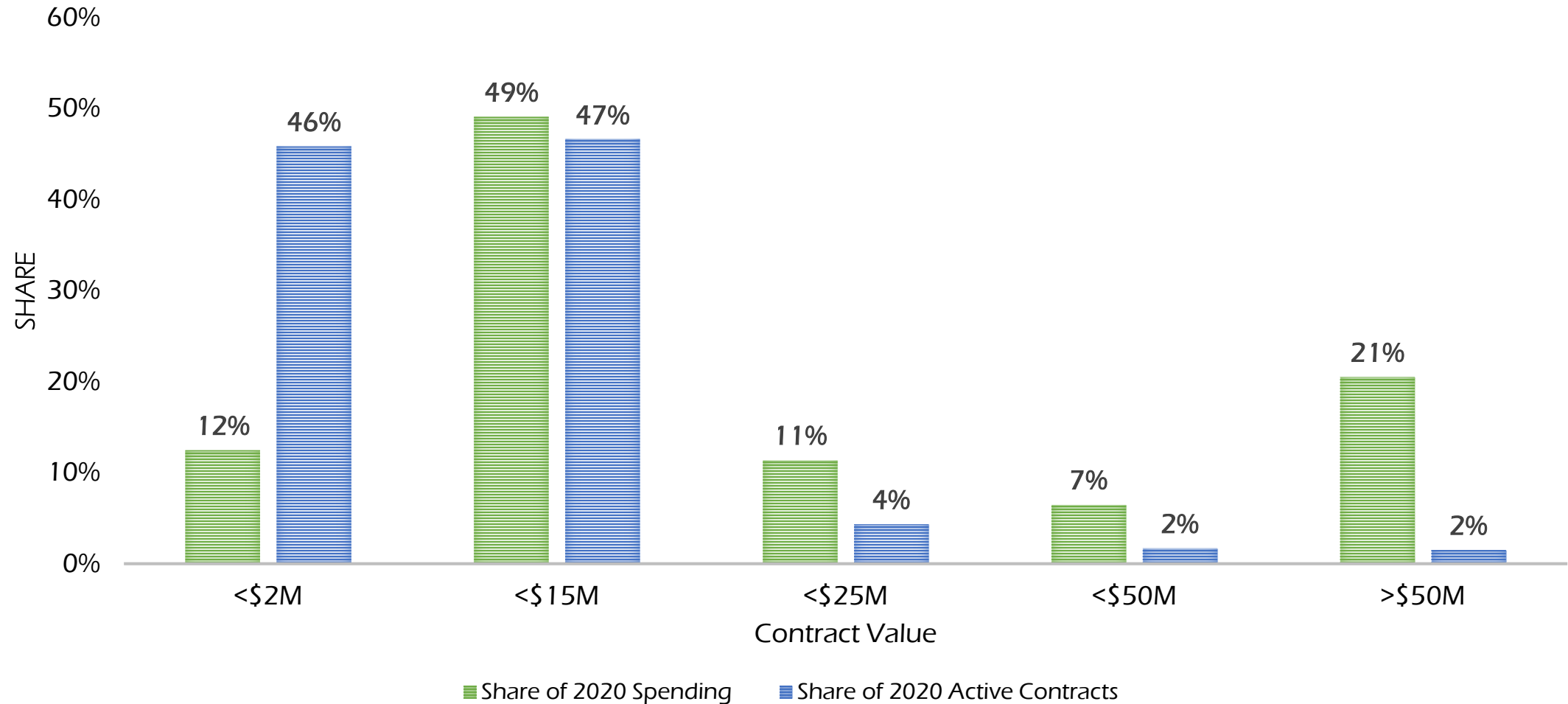


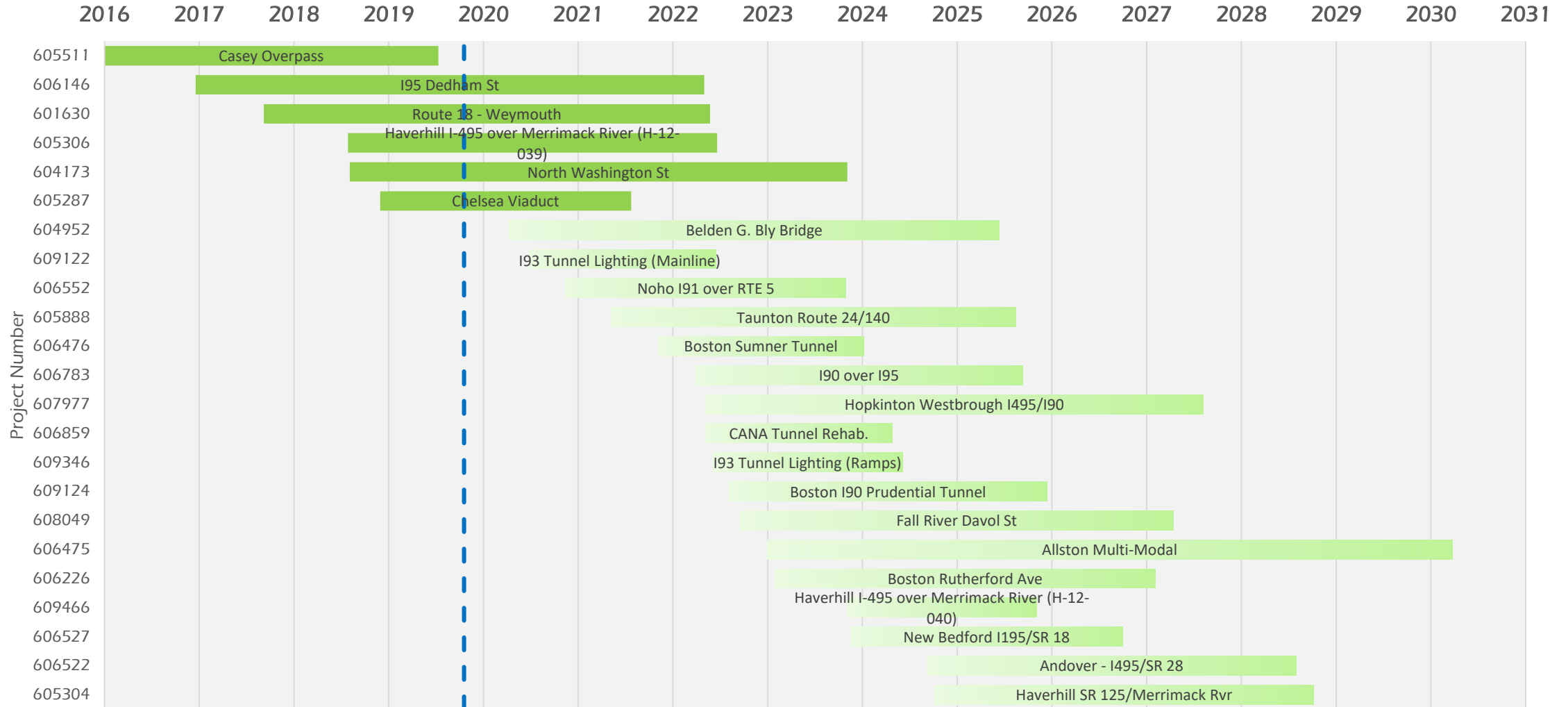
# Highway Division Major Projects Update Capital Program Committee

October 24, 2019

## SFY 2020 CIP Program By Contract Value Range



## Highway Division Major Projects



## Recent Project Milestones

- Project 605511 Casey Overpass Reached Substantial Completion 9/15
- Project 604952 Belden Bly Bridge (Drawbridge Replacement – Saugus) advertised 9/14/19 w/ bid opening scheduled for 1/28/2020





# 195 Dedham St (606 146/90726)

## Budget Performance

- Projections currently within original Budget (\$51,528,337.27)

## Schedule Performance

- Current Completion Date 5/5/2022 Forecasted Finish: 3/26/2024
- Initial Recovery scheduled rejected by district office, alternative is under development

### Current Activities

Phase 2 work underway on River and Railroad bridges.  
Utility duct banks, utility relocations and drainage work are ongoing.

### Project Risks

Current contractor schedule forecasts a completion date 691 beyond contractual completion

Additional Delay attributed to unanticipated removal of Eversource's existing cable and asbestos conduit, enabling work was to be completed prior to bid by Eversource.

Further delays attributed to anticipated utility relocations continue to be a concern.



Designer	Stantec Inc.
Contractor	SPS NEW ENGLAND INC
Owners Rep.	Richard Littlefield (ExpertCon, Inc.)
NTP	12/22/2016

# Weymouth Route 18 (601630/97936)

## Budget Performance

- Projections currently within original Budget (\$68,712,094.80)

## Schedule Performance

- Contractor schedule forecasts achievement of interim and completion milestones
- Current Completion Date 5/27/2022

**Current Activities**      Utility pole installation is complete and over head wire transfer is ongoing

The temporary girder has been installed allowing for partial demolition of the existing bridge deck, wingwalls and abutment to facilitate foundation work for the new bridge

Drainage and Roadway work in Abington and Weymouth is ongoing

**Project Risks**      *Utility relocation and coordination*



Designer	Tetra Tech, Inc.
Contractor	GIOIOSO-D&R JV
Owners Rep.	Paul Tyrell (STV, Inc.)
NTP	9/11/2017

## North Washington Bridge Project (604173/102269)

### Budget Performance

- Projections currently within original Budget (\$204,385,944.75)

### Schedule Performance

- Current Completion Date 11/7/2023
- Notice to Proceed Date 8/8/2018

#### Current Activities

The Contractor is scheduled to continue work on the temporary utility and traffic bridges. Continue installation of MBTA conduits, BTD conduits and waterline pipe at the utility bridge. The contractor has all permits approved to start construction of the temporary bridge.

EverSource is scheduled to continue FRE pipe installation at the utility bridge and warehouse spans. National Grid Gas working on installation of the gas pipe on available temporary utility bridge spans.

#### Project Risks

Permit amendments required for the Temporary Vehicular Bridge (Permit amendments have been approved).

Submittals/procurement/fabrication/welding/delivery of temp. bridge. Approval of environmental submittals by DEP to allow demolition of the existing bridge to start.

Extensive utility coordination is critical to keep schedule for utility relocation/cut overs for the temporary utility bridge.



Designer	Benesch
Contractor	J F WHITE CONTRACTING CO
Owners Rep.	Jeffrey Paul (Stantec, Inc.)
NTP	8/8/2018



## Chelsea Viaduct Rehabilitation (605287/104677)

### Budget Performance

- Projections currently within original Budget (\$196,888,623)

### Schedule Performance

- Contractor schedule forecasts achievement of interim and completion milestones
- Current Completion Date 07/27/2021

#### Current Activities

Contractor is scheduled to complete waterproofing and paving this week for Stage 1. Contractor implemented 50% of Stage 2 long term lane closure work zones SB & NB Route 1, and is scheduled to complete implementation of the remaining area for Stage 2 the last week of October.

Existing deck Demolition, Structural Steel and PBU Erection, Column encasement for Stage 2 is scheduled to start the third week of October and is scheduled to be completed by the end of November 2019.

#### Project Risks

Timing of the shutdown of EverSource 115kv power transmission lines during construction of the superstructure and deck, Utilities that require relocation that were identified after NTP by the contractor.

Contaminated Soils Management, aggressive PBU and Structural Steel Fabrication Schedule.



Designer	HNTB CORPORATION
Contractor	Skanska Mccourt III Jv
Owners Rep.	Jeffrey Paul (Stantec, Inc.)
NTP	12/3/2018



# Haverhill I495 Bridge Replacement (605306/103045)

## Budget Performance

- Projections currently within original Budget (\$102,628,272.74)

## Schedule Performance

- Contractor schedule forecasts achievement of interim and completion milestones
- Current Completion Date 6/23/2022

### Current Activities

Demolition of existing northbound superstructure  
Northbound phase 2 substructure installation to begin in November

### Project Risks

By February 28<sup>th</sup> 2020 the existing NB superstructure must be removed and the drilled shafts for Phase 2 of the NB bridge must be installed.

Traffic must be shifted off the existing SB bridge by October of 2020 in advance of the next in-water work window which begins on November 15<sup>th</sup> 2020.



Designer	AECOM Technical Services, Inc.
Contractor	SPS NEW ENGLAND INC (D/B)
Owners Rep.	Eric Botterman (Millennium Engineering, Inc.)
NTP	8/1/2018