



DATE: March 12, 2021
TO: Statewide Transportation Advisory Committee
FROM: Rebecca White, Director, Division of Transportation Development
Kay Kelly, Director, Office of Innovative Mobility
SUBJECT: Senate Bill 267 Year 3 Project Options

Purpose

Last month, staff provided a recap of the Senate Bill 17-267 (SB 267), Senate Bill 18-001 (SB 1), Senate Bill 19-262 (SB 262) funding decisions and fluctuations, and projects funded to date in Years 1 and 2 along with federal stimulus funding. This memorandum builds onto the information presented last month and provides an overview of where we are in terms of regional equity, and presents project options for SB 267 Year 3 funding.

Action

No action is required.

Background

In November 2019, the TC approved a \$1.6 billion list of highway projects for funding in FYs 2020-2022. This funding supplemented previous projects approved by the TC in November 2017 and July 2018 for FYs 18-19 Senate Bill funding and reflected the expected issuance of SB267 funding through FY22. In December 2019, the TC approved a strategic transit capital projects list totaling \$192 million. This transit list was expanded in March, April, and August 2020 when thirteen additional transit projects were identified and authorized by the TC.

Due to COVID-19's impact on the state's economy, CDOT had to scale back or defer some projects. These discussions were held with the TC beginning in the spring/summer of 2020, and concluded with add back funding scenarios. Financial circumstances changed again in late 2020 as Congress allocated stimulus funding to transportation and in January of 2021 the TC met to allocate approximately \$134M in new funding.

The constant throughout these fluctuations has been our steady delivery of the 10-year plan while maintaining regional equity and getting projects out the door to help the economy. During the February meeting, staff presented the most recent snapshot of the projects we are delivering projects with SB years 1 and 2 along with federal stimulus funding. The goal of this workshop is to summarize what projects CDOT staff is recommending for year 3 of SB267.

Details

At the March meeting, CDOT staff will present project proposals for SB 267 Year 3 funds. The proposals remain consistent with the 10-Year Plan strategic pipeline of projects and "add back" projects previously approved by the Transportation Commission that were postponed. Since the exact Year 3 dollar amount is uncertain, staff has assumed a ~\$500 million year 3 funding scenario for highway projects.

On the transit side, projects will generally be prioritized considering current project status (i.e., in planning, design, or construction phase), availability of matching funds/awarded grants, project readiness, and regional equity. Additional considerations include 1) restoring funding to approved projects which were reduced when the four-year program was scaled back to Years 1 & 2 funding only, 2) installation of electric vehicle charging stations and micro mobility options at mobility hubs and transit facilities, 3) adding Bustang and Outrider bus stops, shelters and signs to locations which were not yet identified in December 2019 and, 4) addressing scope, schedule and/or budget revisions to approved projects.

Timeline

March:

Statewide Transportation Advisory Committee
Transit and Rail Advisory Committee
Transportation Commission Workshop

April / May:

Statewide Transportation Advisory Committee Year 3 Recommendation
Transit and Rail Advisory Committee Year 3 Recommendation
Transportation Commission Approval of Year 3 List in anticipation of the issuance of Year 3 COPs (tentative)

Attachments

Presentation

Link to project fact sheets:

https://drive.google.com/drive/folders/11r2IfCL7FLaHEGzh5cmZJiSjXQ_cfXpP?usp=sharing



SB 267 Year 3 Project Options March 2021



In February, staff provided a recap of the Senate Bill 267 funding decisions and fluctuations, and projects funded to date in Years 1-2 + stimulus.

Today's meeting will pick up where we left off to discuss:

- SB 267 Year 3 Project Options (Highway + Transit)
- Regional Equity
- Next Steps

As the total amount of funding available from the third issuance of COPs is still to be determined, this presentation contemplates one scenario of approximately \$500M. Staff will return to TC with additional project options once the full amount of funding is known.



Equity Considerations - Highway

- Ensuring regional equity over the 4-year SB267 funding horizon has been a guiding principle as dollars have come in and expected allocations have changed.
 - New stimulus funding has, to date, been held separate from these calculations.

4-Year Equity Target		Equity Thru Year 2		Year 3 Requests		Equity Thru Year 3	
Region	Region %	Region	Region %	Region	Region \$	Region	Region %
1	34.23%	1	31.04% ↓	1	\$217,400,000	1	33.47%
2	18.97%	2	12.83% ↓	2	\$146,365,321	2	18.68%
3	15.07%	3	13.41% ↓	3	\$96,455,938	3	14.84%
4	23.87%	4	34.60% ↑	4	\$9,284,441	4	25.27%
5	7.86%	5	8.12%	5	\$35,494,300	5	7.74%
TOTAL	100%	TOTAL	100%	TOTAL	\$505,000,000	TOTAL	100%

- Year 3 Requests assumes a ~\$500 M Year 3 funding scenario for highway projects.



Equity Considerations - Transit

4-Year Equity Target		Equity Thru Year 2		Year 3 Requests		Equity Thru Year 3	
Region	Region %	Region	Region %	Region	Region \$	Region	Region %
1	44.33%	1	44.65%	1	\$17,605,000	1	42.73%
2	17.04%	2	9.35% ↓	2	\$11,510,000	2	14.38%
3	12.84%	3	14.05% ↑	3	\$9,865,000	3	16.45%
4	21.20%	4	25.41% ↑	4	\$750,000	4	21.27%
5	4.59%	5	6.55% ↑	5	\$1,000,000	5	5.17%
TOTAL	100%	TOTAL	100%	TOTAL	\$45,605,000	TOTAL	100%

- Transit receives 10% of all SB 267 funds for Strategic Transit Projects.
- The approved 4-Year Equity Target is based on the Transit Distribution Formula to ensure statewide equity, across all four years, in the distribution of SB funding. Transit distribution follows Region/TPR Equity as established with the Transit formula.



SB Year 3 Project Options Region 1

Project		Year 3 Request	Project Type	Pipeline Year	Planning Project ID
Highway and Transit - Region 1					
I-70	I-70 West: Floyd Hill (pkg 0 and pkg1)	\$135,000,000	Capital	1-4	0004
	I-70 Corridor - West Metro Bridges (Ward Rd)	\$33,400,000	Capital	1-4	0087
	Idaho Springs Mobility Hub	\$4,130,000	Transit Capital	1-4	2716
I-25	Lone Tree Mobility Hub	\$8,000,000	Transit Capital	1-4	2744
	I-25 and SH 7 Interchange Mobility Hub	\$1,500,000	Transit Preconstruction	5-10	2694
	Castle Rock Mobility Hub	\$300,000	Transit Preconstruction	1-4	2714
I-270	I-270: Improvements and Congestion Relief from I-76 to I-70	\$30,000,000	Capital	1-4	0002



SB Year 3 Project Options

Region 1

Project		Year 3 Request	Project Type	Pipeline Year	Planning Project ID
Highway and Transit - Region 1					
Non Corridor Specific	Bustang Fleet Purchases	\$3,175,000	Transit Capital	1-4	2718
	Bustang Heavy Maintenance Facility	\$500,000	Transit Preconstruction	1-4	2715
	Years 5-10 Preconstruction (Projects receiving precon funding include next West Metro Bridge(s), Kings Valley, Bottleneck, Kinney Run Wildlife, US 85 Dan to Mead, I-70 escape ramps, I-25@SH7 (Interim Transit), I-70 Vasquez @ 60th, Multiple Grade Sep Trails, I-70 Climbing Lane, EJMT Maintenance as funding allows.)	\$19,000,000	Preconstruction	5-10	Multiple



SB Year 3 Project Options

Region 2

Project		Year 3 Request	Project Type	Pipeline Year	Planning Project ID
Highway and Transit - Region 2					
I-25	I-25 Through Pueblo New Freeway	\$12,000,000	Capital	1-4	0014
	I-25 Raton Pass Phase 2- Other Safety Improvements & New State Park Access	\$1,000,000	Capital	1-4	0013
	Dillon Drive Interchange - Frontage Road Round-a-bout	\$1,500,000	Capital	5-10	2565
	North Pueblo Mobility Hub	\$3,900,000	Transit Capital	1-4	2723
	South Central Storage and Maintenance Facility	\$1,730,000	Transit Capital	1-4	1270
	Southwest Chief Track Improvements - CRISI Grant Match	\$1,000,000	Transit Capital	1-4	2734
	Woodmen Road Mobility Hub	\$600,000	Transit Preconstruction	1-4	2720
	Monument Park-n-Ride	\$100,000	Transit Preconstruction	1-4	2721



SB Year 3 Project Options

Region 2

Project	Year 3 Request	Project Type	Pipeline Year	Planning Project ID	
Highway and Transit - Region 2					
SH 21	SH 21 and Research Parkway Interchange	\$19,500,000	Capital	1-4	0011
SH 115	SH 115 - Safety and Paving improvements from MM 20-39	\$42,000,000	Capital	1-4	0018
US 287	US 287 (Park Street South) - Lamar Downtown PCCP (Phase 2)	\$13,000,000	Capital	1-4	0010
SH 12	SH 12 PEL Implementation- Shoulder Widening (Southern Mountain Loop Trail)	\$4,000,000	Capital	5-10	1039
US 285	Fairplay Mobility Hub	\$500,000	Transit Preconstruction	1-4	1084
Non Corridor Specific	Pueblo Administrative and Maintenance Facility - 5339(b) Grant Match and additional funds (Relocation and construction of facility for Pueblo Transit. Also for use by Bustang/Outrider and SRDA.)	\$2,180,000	Transit Capital	N/A	N/A
	Colorado Springs Downtown Transit Center	\$1,500,000	Transit Capital	1-4	2719
	TBD: Region 2 will continue to consider final project needs pending final premium amounts.	\$10,000,000		1-4; 5-10	



SB Year 3 Project Options

Region 2

Project	Year 3 Request	Project Type	Pipeline Year
Rural Paving - Region 2			
SH 96 near Eads to Sheridan Lake	\$21,412,500	Rural Paving	1-4
SH 194A Surface Treatment and Drainage Improvements	\$5,982,225	Rural Paving	1-4
SH 67 from SH 96 to Florence	\$5,775,000	Rural Paving	1-4
SH 160 from SH 12 to La Veta Pass	\$9,902,126	Rural Paving	1-4



SB Year 3 Project Options

Region 3

Project	Year 3 Request	Project Type	Pipeline Year	Planning Project ID	
Highway and Transit - Region 3					
I-70	I-70B East of 1st to 15th Street	\$7,885,938	Capital	1-4	0041
	I-70 Auxiliary Lane East Frisco to Silverthorne	\$25,000,000	Capital	1-4	0043
I-70 B	Grand Junction Mobility Hub (Grant application and preconstruction for a mobility hub in downtown Grand Junction)	\$500,000	Transit Preconstruction	N/A	N/A
SH 92	SH 92 Rogers Mesa to Hotchkiss	\$7,000,000	Capital	1-4	0039
US 550	US 550 Montrose to Ouray County Line Safety Improvements	\$5,250,000	Capital	1-4	0032
US 50	Intersection Improvements at US 50/550	\$250,000	Capital	1-4	0040
US 6	US 6 Fruita to Palisade Safety Improvements - 20 Road Intersection Road	\$6,400,000	Capital	1-4	0031
	US 6 Fruita to Palisade Safety Improvements - Clifton Roundabout	\$16,450,000	Capital	1-4	0031
	US 6 Clifton to Palisade Safety Study	\$1,500,000	Capital	1-4	0031



SB Year 3 Project Options

Region 3

Project	Year 3 Request	Project Type	Pipeline Year	Planning Project ID	
Highway and Transit - Region 3					
SH 135	Gunnison Valley RTA Storage Facility (Previously known as Crested Butte Storage Facility)	\$900,000	Transit Capital	1-4	1110
Non Corridor Specific	Snowmass Transit Center	\$4,500,000	Transit Capital	5-10	1231
	Montrose Multimodal Transit Facility (All Points Transit) (Multimodal center in Montrose serving All Points Transit, San Miguel Authority for Regional Transportation, and Outrider. Funds were repurposed from Western Slope Storage and Maintenance Facility project.)	\$2,985,000	Transit Capital	1-4	N/A
	Region 3 Outrider Storage in Montrose (Storage for 2 to 4 Outrider buses in a Region 3 Maintenance Yard. Funds were repurposed from Western Slope Storage and Maintenance Facility project.)	\$500,000	Transit Capital	1-4	N/A
	Outrider Improvements at Steamboat Springs, Milner, Hayden and Craig	\$320,000	Transit Capital	5-10	1032
	Outrider Improvements at Winter Park and Tabernash	\$160,000	Transit Capital	5-10	1032



SB Year 3 Project Options

Region 3

Project	Year 3 Request	Project Type	Pipeline Year
Rural Paving - Region 3			
SH 114 Parlin West & CO 114 Resurfacing and Shoulders	\$4,200,000	Rural Paving	1-4
SH 139 Dinosaur Diamond	\$2,115,000	Rural Paving	1-4
SH 139 Douglas Pass North	\$8,305,000	Rural Paving	1-4
CO 149 Resurfacing and Shoulders North of Creede & SH 149 Lake City North	\$12,100,000	Rural Paving	1-4



SB Year 3 Project Options

Region 4

Project		Year 3 Request	Project Type	Pipeline Year	Planning Project ID
Highway and Transit - Region 4					
I-25	Firestone-Longmont Mobility Hub Access Improvements (Safety improvement. Full movement signalized intersection to allow for left turns out of the park-n-ride.)	\$2,000,000	Transit Capital	N/A	N/A
	Firestone-Longmont Mobility Hub - Phase 2 (ROW)	\$1,000,000	Transit Preconstruction	1-4	2732
	Berthoud Mobility Hub	\$1,000,000	Transit Capital	1-4	2729
	Centerra-Loveland Mobility Hub	\$500,000	Transit Capital	1-4	2742
	Harmony Park-n-Ride Expansion	\$500,000	Transit Preconstruction	1-4	2733
Non Corridor Specific	Preconstruction (Preconstruction will go to SH 71 Corridor Improvements & SH 385 Corridor Improvements & SH 119 Safety and Mobility Improvements)	\$1,500,000	Preconstruction	1-4 & 5-10	Multiple
	Bustang Fleet Purchases	\$625,000	Transit Capital	1-4	2736



SB Year 3 Project Options

Region 4

Project	Year 3 Request	Project Type	Pipeline Year
Rural Paving - Region 4			
SH 71 Corridor Improvements (Climbing Lanes)	\$6,000,000	Rural Paving	5-10
SH 138 Sterling North from MP 3.0 to MP 13.5	\$1,750,000	Rural Paving	1-4



SB Year 3 Project Options

Region 5

Project	Year 3 Request	Project Type	Pipeline Year	Planning Project ID	
Highway and Transit - Region 5					
US 50	Salida Transit Capital Improvements (Two bus stops on US 50 with safe pedestrian crossings and ADA walkway improvements)	\$920,000	Transit Capital	N/A	N/A
US 285	Poncha Springs Outrider Improvements (Improvements to an Outrider stop in Poncha Springs. Funds were repurposed from withdrawn Poncha Springs Welcome Center Improvements project.)	\$80,000	Transit Capital	1-4	1319
Non Corridor Specific	Preconstruction funding (Projects receiving precon funding include US 285 Safety and Mobility Improvements between Center and Saguache, US 160 Elmore’s Corner East, Pagosa Springs Main Street Reconstruction and Multimodal Improvements, US 24 between Buena Vista and Granite Rural Paving, SH 17 West of Antonito Rural Paving, SH 151 between Ignacio and Arboles Rural Paving, and SH 172 between New Mexico to Ignacio as funding allows.)	\$1,778,300	Capital / Rural Paving	5-10	Multiple



SB Year 3 Project Options

Region 5

Project	Year 3 Request	Project Type	Pipeline Year
Rural Paving - Region 5			
US 160 MP 0-8 Aztec Creek Resurfacing	\$14,000,000	Rural Paving	1-4
US 550 Billy Creek Resurfacing, Wildlife Underpass	\$3,700,000	Rural Paving	1-4
CO 149 Resurfacing and Shoulders North of Creede & SH 149 Lake City North	\$16,016,000	Rural Paving	1-4



April/ May:

- Statewide Transportation Advisory Committee Year 3 Recommendation
- Transit and Rail Advisory Committee Year 3 Recommendation
- Transportation Commission Approval of Year 3 List in anticipation of the issuance of Year 3 COPs (tentative)

TO: STAC Members
FROM: Michael King, Office of Innovative Mobility
DATE: March 12th, 2021
SUBJECT: Electric Bus Grant Programs

Purpose

Update STAC members on current electric bus deployments in Colorado, including both transit and school bus fleets.

Action

Informational Item.

Background

The State of Colorado has ambitious GHG reduction targets of 26% by 2025, 50% by 2030, and 90% by 2050 (from a 2005 baseline) as expressed by [HB19-1261](#) and the recently completed [Colorado Greenhouse Gas Pollution Reduction Roadmap](#). Transportation is now the largest source of GHG emissions in Colorado, so reductions in this sector are absolutely necessary to achieve the state's overall goals. To this end, CDOT has worked with its partner state agencies to establish the following goals for each vehicle sector:

- 940,000 light-duty electric vehicles (EVs) by 2030
 - 100% EVs by 2050
- 1,000 transit zero-emission vehicles (ZEVs) by 2030
 - 100% transit ZEVs by 2050
- 30% medium- and heavy-duty (MHD) zero-emission vehicle market share by 2030
 - 100% MHD ZEV market share by 2050

Details

Since 2019, CDOT's Division of Transit & Rail (DTR) has been awarding its \$30.6 million portion of the state's [\\$68.7 million Volkswagen Settlement](#) under the annual Consolidated Call for Capital Projects (CCCP). Grants can fund up to 110% of the Incremental cost of a new electric vehicle, charging equipment is included, and scrapping of an existing vehicle is required. The breakdown of awards by round is:

- 2019 Awardees
 - \$13,828,037 for 23 electric buses and 20 chargers
 - 6 agencies (City of Boulder, Eagle County, Gunnison Valley RTA, Mountain Metro, Transfort, & RTD)
- 2020 Awardees
 - \$2,903,940 for 6 electric buses and 5 chargers
 - 3 agencies (City of Boulder, Transfort, Via Mobility)
- 2021 Applicants (awards pending)
 - \$7,555,312 for 13 electric buses and 12 chargers*
 - 5 agencies (Breckenridge, Eagle County, Summit County, Vail, Winter Park)*

* requested - award decisions are pending

Volkswagen Settlement funding for electric school buses is managed through our partners at the [Regional Air Quality Council \(RAQC\)](#), who have a total of \$21.5 million available for medium- and heavy-duty electric vehicles (including school buses) under the [Alt Fuels Colorado Program](#). Grants can fund up to 110% of the incremental cost of a new electric vehicle, charging equipment is included, and scrapping of an existing vehicle is required. Applications are solicited three times per year and to-date the following projects have been awarded:

Awardee/District	Buses	Award Total
Boulder Valley School District	1	\$209,000.00
Vail Valley	1	\$209,000.00
West Grand School District	1	\$301,345.00
Denver Public Schools	1	\$323,608.00
Aurora Public Schools	7	\$2,139,501.00
Durango School District 9-R	1	\$328,803.00
Aspen Country Day School	1	\$285,588.00
Steamboat Springs School District	1	\$317,436.00
	14	\$4,114,281.00

As interest in electric school buses is growing, state agencies are working to provide education and support to ensure that school districts are planning appropriately and selecting vehicles and equipment that will meet their needs. The Colorado Electric Vehicle Coalition (CEVC) has created a new Electric School Bus Subgroup as a forum for peer-to-peer learning, while the Denver Metro Clean Cities Coalition has been conducting trainings with school districts across the state to help them better understand and implement electric school bus projects from pilots through large scale deployments.

Next Steps

Currently the [Federal Transit Authority \(FTA\)'s 5339\(c\) Low or No Emission Vehicle Program](#) is open for application until April 12, 2021. There are \$180 million available nationwide on a competitive basis, and Colorado transit agencies are encouraged to apply with application support provided by CASTA and their consultant team at FHU.

The next DTR Consolidated Call for Capital Projects (CCCP) is expected to be opened in the spring of 2021 and will include the 4th year of VW Settlement Program transit vehicle replacement grants.

The next round of the Alt Fuels Colorado Program is anticipated in the spring of 2021 and will include funding for electric school buses, among other eligible project types.

CDOT and our partner agencies will continue to monitor conversations regarding potential new funding sources at the state and federal level that may become available in the future. In the absence of new funding sources, the Volkswagen Settlement dollars are likely to be exhausted within the next two years.

* requested - award decisions are pending

