



Construction Manager General Contractor (CMGC) South Base BEB Infrastructure Project



Liria Larano, Deputy Chief, Fleet & Facilities Infrastructure
Board of Directors Meeting - December 7, 2022

Emission Zero Program Update

Vehicle Procurement

Procurement	BEBs	FCEBs	Delivery
June 2021	7		Nov. 22 – Feb 23
March 2022	10		Feb 23 – Jun 23
June 2022	20	10	Jun 23 – Feb 24
Total	37	10	

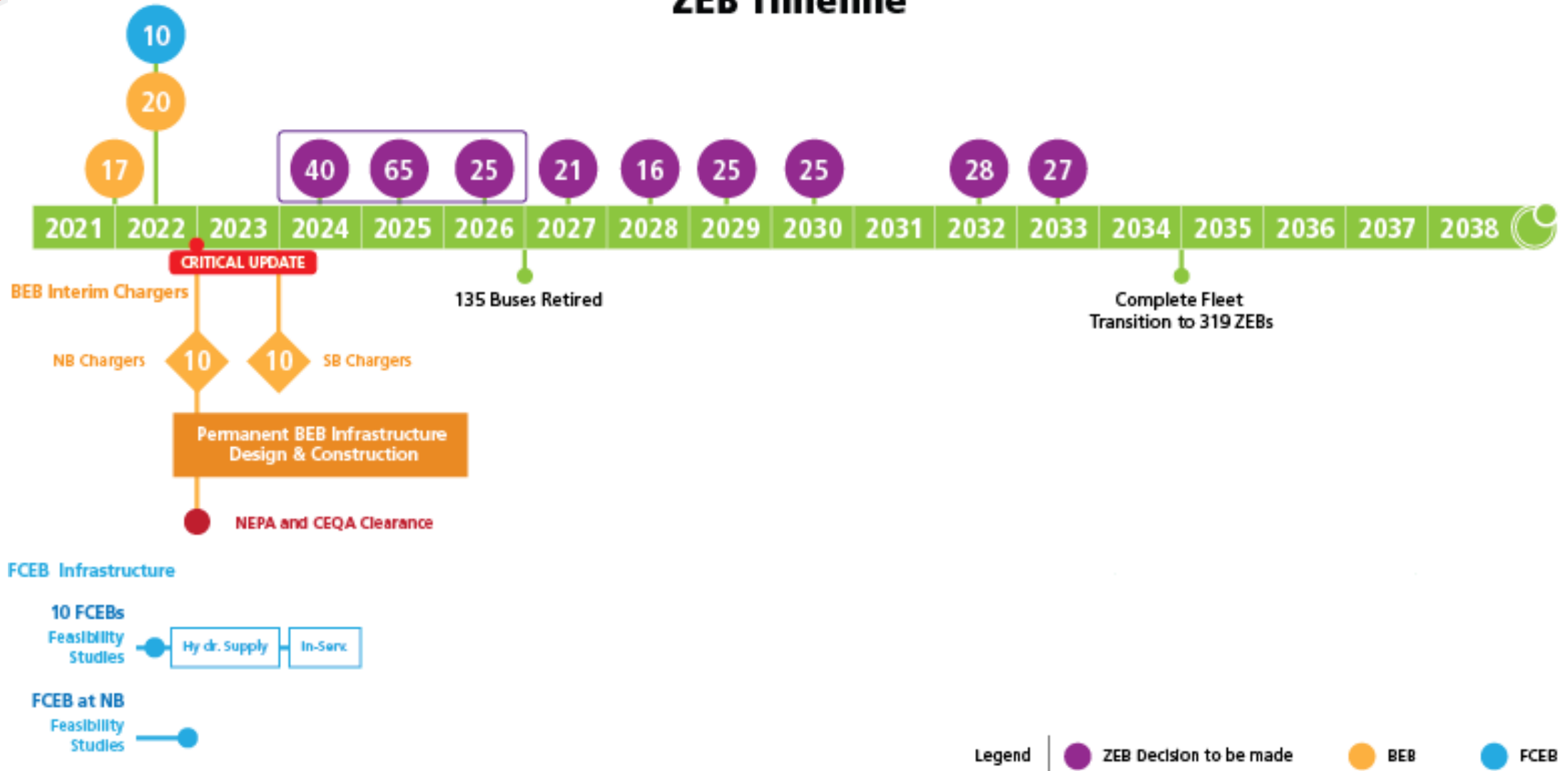


Nov 29, 2022 at 11:37:40 AM
295 N Access Rd
South San Francisco CA 94128
United States

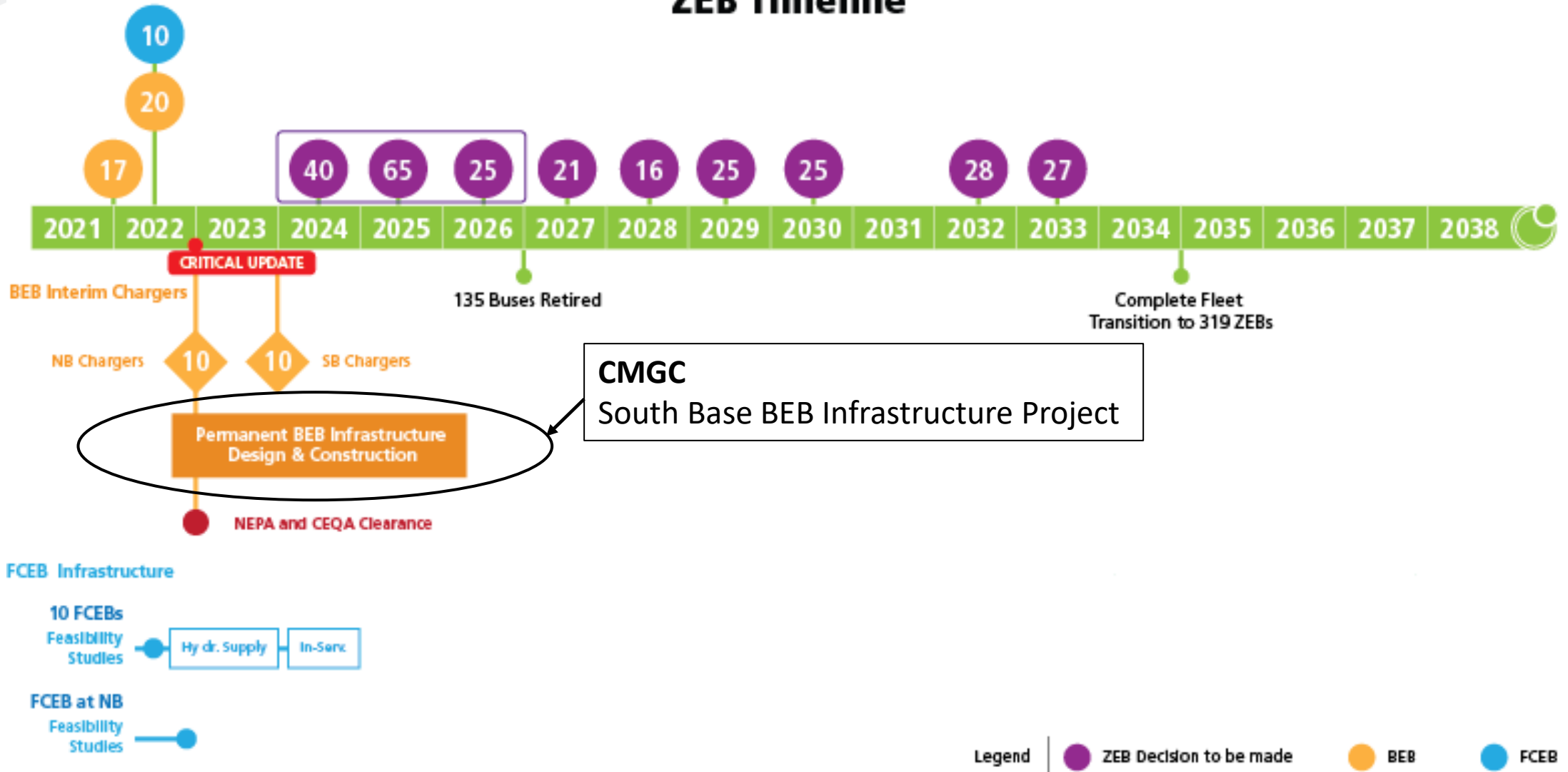


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301 N Access Rd
South San Francisco CA 94080
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ZEB Timeline



ZEB Timeline



CMGC

South Base BEB Infrastructure Project

SB BEB Infrastructure Project

- Scope of Work
 - Chargers for 37 BEBs at SB
 - Charging bays w/ pantograph dispensers
 - Electrical distribution network
- Construction Cost Estimate
 - \$23 to \$28 million



Evaluation of Project Delivery Methods

- Delivery Methods Evaluated
 - Design-Bid-Build (D-B-B)
 - Design-Build (D-B)
 - Construction Manager General Contractor (CMGC)
- Request for Information to Contracting Community
- Experience of Other Public Agencies

Project Delivery Methods

	D-B-B	D-B	CMGC
Are bidders pre-qualified?	No	Yes	Yes
When is the contract awarded?	After final design	After preliminary design	After preliminary design
What is the basis of award?	Low Bid	Bid & Qualifications	Qualifications, Approach & Fee
Is contractor's price for construction known at the time of award?	Yes*	Yes*	No*
Contractor input during design?	No	Yes	Yes
Who has direct control of the design?	Owner	Contractor	Owner

* Final price could increase due to change orders

CMGC Process

- Best Value proposal evaluation
 - Technical Factors
 - Price
- Pre-Construction Services Agreement
 - CMGC design input
 - Revised preliminary design
 - CMGC develops construction estimate based on revised design
- District & CMGC negotiate the price of construction
- Construction Contract

CMGC Features*

- Contractor selected based on qualifications and expertise
- Early collaboration among SamTrans, designer, contractor, and other stakeholders
- Contractor input during design phase
 - Minimizes design-related change orders
 - Provides opportunities to shorten the schedule

* Not achievable through traditional D-B-B delivery method



Thank You



Please email laranol@samTrans.com with any questions.