



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	

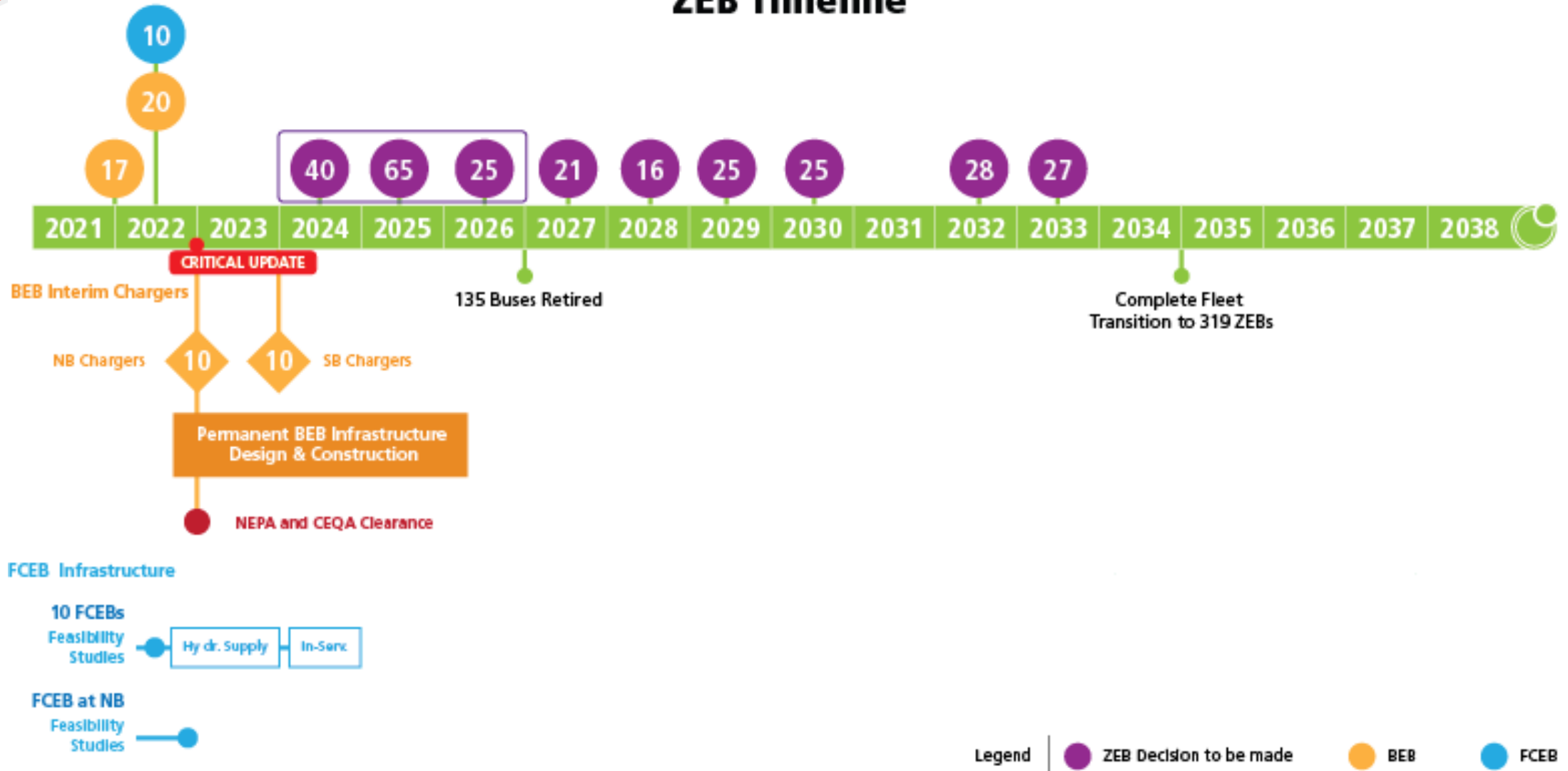


Nov 29, 2022 at 11:37:40 AM
295 N Access Rd
South San Francisco CA 94128
United States

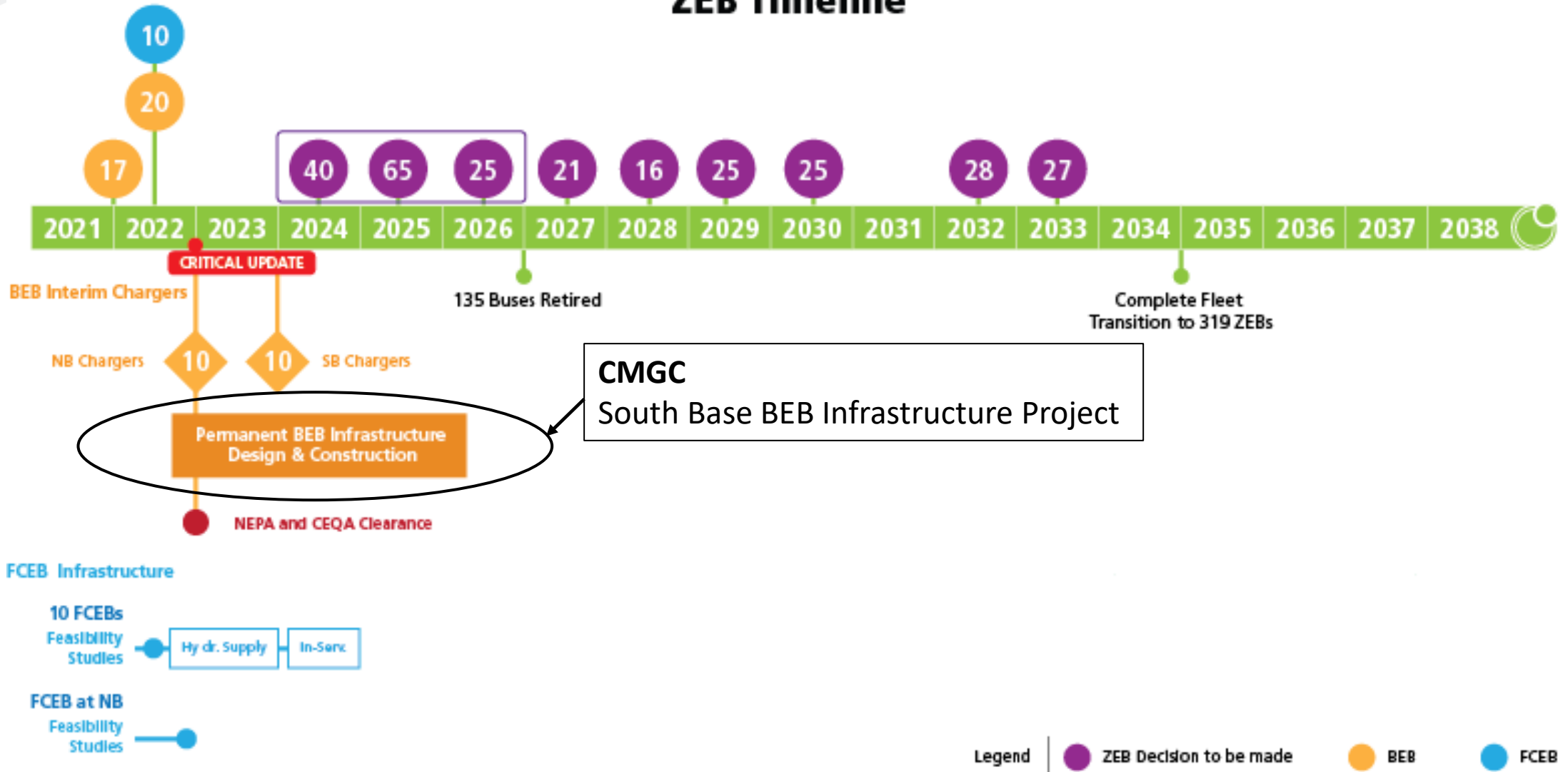


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301 N Access Rd
South San Francisco CA 94080
United States

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
Separate design & construction contracts?	Yes	No	Yes
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	Best Value	Best Value
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.