

BSV Phase II - Environmental Commitments Record Legend

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	Blue Text	Indicates updates since last quarterly report
		Indicates N/A or no update/activity is applicable to this quarterly
		report
	"gray row"	Indicates mitigation measure complete or N/A
	Acronyms	
	AEOC	Arena Entertainment and Operations Committee
	ARTP	Archaeological Resources Treatment Plan
	BAAQMD	Bay Area Air Quality Management District
	Caltrans	California Department of Transportation
	CEOP	Construction Education and Outreach Plan
	CHSRA	California High Speed Rail Authority
	CMP	Containment Management Plan
	COMP	Construction Outreach Management Program
	CP	Consulting Parties
	CTMP	Construction Transportation Management Plan
	CWG	Community Working Groups
	ESCP	Emergency Services Coordination
	FHA	Federal Highway Administration
	FRA	Federal Railroad Administration
	FST	Floating Slab Track
	FTA	Federal Transit Administration
	ISA	Initial Site Assessment
	IST	Isolated Slab Track
Z	NA NA	Native American
LEGEND	PA	Programmatic Agreement
9	RAPs	Remedial Action Plans
ш	ROD	Record of Decision
_	RWQCB	Regional Water Quality Control Board
	SHPO	State Historic Preservation Officer
	SJRRC	San Joaquin Regional Rail Commission
	SJWC	San Jose Water Company
	TCP	Traffic Control Plans
	VTA	Santa Clara Valley Transportation Authority
		The form for health and the latter and a
		Timeframe for Implementation letter codes:
	С	Construction
	D	Design
	Р	Post Construction
	Responsible Party	
	codes: VTA and/or	
	C = Contractor	
	Compliance Status	
	letter codes:	
	IC	In Compliance
	OU	Out of Compliance
	CC	Complete and Closed
	N/A	Not Applicable
	CC-CP#	Complete for Individual CP

anta Clar	a Valley Tr	ansportation Authority, Board of Directors
BOD ATT-A	April 5, 201	8, Board Memorandum. Attachment A-Recommended Project Description
Suppleme	ntal Enviro	nmental Impact Statement (SEIS), Subsequent Environmental Impact Report (SEIR)
Vol-1		Volume 1
CH-1	Chapter 1	Executive Summary
CH-2	Chapter 2	Alternatives
CH-3	Chapter 3	NEPA and CEQA Transportation Operation Analysis
CH-4	Chapter 4	NEPA Alternatives Analysis of Operations
CH-5	Chapter 5	NEPA Alternatives Analysis of Construction
CH-6	Chapter 6	CEQA Alternatives Analysis of Construction and Operation
CH-7	Chapter 7	Other NEPA and CEQA Considerations
CH-8	Chapter 8	Section 4(f) of the Department of Transportation Act of 1966
CH-9	Chapter 9	Financial Considerations
CH-10	Chapter 10	Agency and Community Participation
Vol-2		Volume 2. Responses to Comments
ROD		Federal Transit Administration Record of Decision
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VTA Sustai	nability Pr	actices
VTA-Green		VTA Green Building Policy 400.004
VTA-Sust		VTA Sustainable Landscaping Policy CMA-CL-PL-7120

	Valley Transportation Authority	MMRP CODE Chrono #		DE	Source Document	Summary	Mitigation Measure	Location	Implementation Timeframe: Design (D)	Timeframe: Construction (C)	Timeframe:Post-	Compliance	g g g 2025 Q2 Quarter Mitigation Completed
Transporta	Develop and implement a Construction Education and Outreach Plan	1	- MMRP- TRA- CNST-	A-01	Vel-1, ROD	Develop a Construction Education and Outreach Plan (CEOP)	Develop and Implement a Construction Education and Outerach Plan. VTA will develop a Construction Education and Outerach Plan (ECD) in coordination with the Cities of san lose and sans that Cities of san lose and sans that Cities of sans that Cities of sans that Cities ordinate construction activities existing sans that construction activities on the constitution activities or sans that construction activities construction activities construction activities existing sans that and sans that construction activities or sans that construction activities are sans that the construction of sans that construction activities are constructed as activities and communities. The CIOP will be incorporated into the plans and specifications of all contracts through which the BART Extension will be implemented. Critical components of the CEOP will include, but are not limited to, the following requirements (MMRP-TRA-CNST-AO2 through A-17).	Program- wide	٥	c	Vī	A IC	This is summary mitigation measure. For individual components of the CEOP please refer to MMARP-TRA-CRST-A-Q2 through A-16, below. The CEOP was prepared in two parts, as follows: Part A. Planning Plase Parts Construction The CEOP was added as a reference document in the VTA-CSJ and VTA-CSC Cooperative Agreements.
Transporta	Develop and Implement a Construction Education and Outreach Plan	2	MMRP- TRA- CNST-	A-02	Vol-1, ROD		Develop and Implement a Construction Education and Outerach Plan: Establish field office(s) accessible to the public with dedicated community outreach staff and defined hours.	Program- wide	D	С	Vī	A IC	The Santa Clara Station field of file will be incorporated into the 1st floor of the 2830 De La Cruz project office. The Obsention-Prioris of Head office is currenly indeer construction in conjunction with the new VTA Downtown Service Center. It is anticipated to be opened in 2025. The search for a location for the 28th Street/Little Portugal field office is still underway.
Transporta	Develop and Implement a Construction Education and Outreach Plan	3	- MMRP- TRA- CNST-	A-03	Vel-1, ROD		Develop and Implement a Construction Education and Outreach Plan: Provide and maintain a 24-hour(7-day a week project hotline for emergencies.	Program- wide	D	с	VT	A IC	Is 02 2055. VTA maintained the public outreach phone number and email for project inquiries (Engish 409:255, VTAminta). Spanish, Tagolock, Sepanish, Tagolock, Chrises, Vertramese, Korean & Portuguese: 408-321- 2200. TTY: 408-321-2330 and viabart@vrabov.com).

	Valley Transportation Authority	MMRP CODE Chrono #	MN CO Meas	DE	Source Document	Summary	Mitigation Measure	Location	Implementation Timeframe: Design (D)	Timeframe: Construction (C)	Timeframe:Post-	Responsible Party	Compliance Status	2025 Q2 Quarter Mitigation Completed
Transportation	Develop and Implement a Construction Education and Outreach Plan	4	MMRP- TRA- CNST-	A-04	Vol-1, ROD	Conduct Business Operational Surveys	Develop and Implement a Construction Education and Outreach Plan: Conduct preconstruction operational surveys of businesses located adjecent to construction areas to ascertain hours of operation, access, deliveries, customer base, special circumstances, and key contacts.	Program- wide	D	c	v	πа	IC	VIA conducted pre-construction operational is a well as access and service needs interviews for over 50 businesses, institutions and schools in the project corridor adjacent to future potential construction staging areas in Q 240200. Coordination with new and existing businesses near expected construction areas is ongoing to prevent impacts to the businesses.
Transportation	Develop and Implement a Construction Education and Outreach Plan	5	- MMRP- TRA- CNST-	A-05	Vol-1, ROD	Coordinate on Other Construction Projects	Develop and Implement a Centruction Education and Outreach Plant. Coordinate with cities to obtain information about upcoming adjacent construction projects to minimize disruptions and delays.	Program- wide	D	c	v	πа		in Q2 2025, meetings were held, swin Cdy (2 San loars, Area Entertainment and Operations Committee (Anol. 9, 18, and 19, 194). See the Committee (Anol. 9, 194), and the Committee (Anol. 9, 194), and the City of San Jose to coordinate ongoing/parallel construction projects. Meetings were held on 4/3, 4/21, 5/20, 6/3, 6/30.
Transportation	Develop and Implement a Construction Education and Outreach Plan	6	- MMRP- TRA- CNST-	A-06	Vol-1, ROD	Engage with Stakeholders	Develop and Implement a Construction Education and Outreach Plans Inform and engage partner agencies, sakeholders, including VT-s BART Silvey Phase II Community Working Groups, business organizations, business owners, tenants, the media, and the public on a regular and frequent basis.	Program- wide	D	c	v	ПΑ	к	VIA held 4 in person CWG meetings (4/30, 5/6, 5/13, 5/13) and 5 CWG meet and greets 4/16, 4/17, 4/12, 4/18, 4/18, 4/19,
Transportation	Develop and Implement a Construction Education and Outreach Plan	7	MMRP- TRA- CNST-	A-07	Vol-1, ROD	Engage Public	Develop and implement a Construction Education and Outreach Plan: Conduct public workshops, meetings, or webinars for community members. Hold regular meetings with the surrounding businesses and residents throughout the course of construction.	Program- wide	D	с	v	/ТΑ	к	in Q2 2025, VTA promoted the BSVII project and shared general information about the project and stations. Collateral materials were prepared for distribution, including project and station fact sheets, project contact and social media information.

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Transportation	Develop and Implement a Construction Education and Outreach Plan	8	- MMRF TRA- CNST-	A-08	Vol-1, ROD	Distribute Project Information	Develop and Implement a Construction Education and Outreach Plan. Distribute and post project information and advanced construction notification via in project website, social and traditional media, signage, face-to-face visits, flyers, mailers, emails, and other communication methods as appropriate.	Program- wide	D	u	VTA	κ	in Q2 2005, 2 construction notices were distributed, 73 Social Media posts were shared, and a Quarterly Project Newsletter and 2 Monthly Construction Updates were published.
Transportation	Develop and Implement a Construction Education and Outreach Plan	9	- MMRF TRA- CNST-	A-09	Vol-1, ROD	Develop Project Signage Program	Develop and Implement a Construction Education and Outreach Plans: Develop a project signage program identifying project corridor, station areas, construction timeline, and funding.	Program- wide	D	c	VTA	К	Projects signage in at the Weet Portal and includes project identification, the corridor, and contractor field office signs, VTA is continuing to work with the tunnel and trackwork contractor to develop a signage plan for upcoming Project stages.
Transportation	Develop and Implement a Construction Education and Outreach Plan	10	- MMRF TRA- CNST-	A-10	Vol-1, ROD	Display Maps and Construction Schedule	Develop and Implement a Construction Education and Outreach Plan: Display maps and construction schedule information in project field office(s) and around the construction area.	Program- wide	D	c	VTA	IC	Project signage containing schedule information has been posted at the West Portal VTA is continuing to work with the tunnel and trackwork contractor to develop a signage for upcoming Project stages.
Transportation	Develop and Implement a Construction Education and Outreach Plan	11	- MMRF TRA- CNST-	A-11	Vol-1, ROD	Display Parking and Access	Develop and Implement a Construction Education and Outreach Plan: Increase visibility of alternative parking and access via signage, website postings, and other communication methods.	Program- wide	D	С	VTA	κ	In Q2 2025, VTA maintained the project microsite. No parking was impacted during by construction activities.
Transportation	Develop and Implement a Construction Education and Outreach Plan	12	MMRF TRA- CNST-	A-12	Vol-1, ROD	Maintain Media Relations	Develop and Implement a Construction Education and Outreach Plan: Maintain media relations (i.e., news releases, news articles, and interviews).	Program- wide	D	c	VTA	κ	In Q2 2025, the media covered the project 8 times and VTA wrote 5 blog posts.
Transportation	Develop and Implement a Construction Education and Outreach Plan	13	- MMRF TRA- CNST-	A-13	Vol-1, ROD	Designate Community Outreach Personnel	Develop and Implement a Construction Education and Outreach Plan: Designate community outreach personnel available on site for the duration of the construction project.	Program- wide	D	C	VTA	IC.	VIA designated project staff that will lead outreach within each work area and the CPZ Contractor has two Community Construction Relationship Offices (COSQ) that will be available during construction. Office hours will be established once the field offices are completed.
Transportation	Develop and Implement a Construction Education and Outreach Plan	14	- MMRF TRA- CNST-	A-14	Vol-1, ROD	Promote Access to Businesses	Develop and Implement a Construction Education and Outreach Plan. Work with property owners and business owners in the station areas to promote access to businesses during construction, including enhanced signage.	Program- wide	D	v	VTA	κ	is 0.2 2025. VTA continued to establish implementation of the four Program elements that will stertify ways VTA on hep alevated extroprison and support the small business community during construction. Coordination with VTA on how to administer the contract process for DFA and Local Resource Network (LBN) elements has been ongoing.

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Transportation	Develop and Implement a Construction Education and Outreach Plan	15	MMRP- TRA- CNST-	Vol-1, ROD	Market Businesses During Construction	Develop and Implement a Construction Education and Outreach Plan: Provide marketing assistance, technical business support, and cross-promotional efforts to businesses within the area impacted by construction to encourage customers to shop at businesses during construction.	Program- wide	D	c	VTA	ic ic	VIA continues to establish implementation of the four Program elements that will identify ways VIA can help alleviate disruptions and upport the small busines community during construction. Coordination with VIA on how to administer the contract process for DFA and Local Resource Network (LIN) elements has been onging, as well as onging coordination to update the Program materials and engagement with Small Business Task Force members and Community Working group members for feedback on program materials.
Transportation	Develop and Implement a Construction Education and Outreach Plan	16	MMRP- TRA- CNST-	Vol-1, ROD	Provide Notice of Utility Outages	Develop and Implement a Construction Education and Outreach Plan: Establish outreach to stakeholders to provide advanced notice of scheduled utility outages.	Program- wide	D	С	VTA	к	No utility outages occurred in Q2 2025. Notice will be provided to stakeholders when utility outages are required in future quarters.
Transportation	Develop and Implement a Construction Education and Outreach Plan	17	- MMRP- TRA- CNST-	Vol-1, ROD	Proactive Multi- Language Community Involvement	Develop and Implement a Construction fiducation and Outerseath Plant. Throughout development and Implementation, the discussion and outerseath Plant. Throughout development and Implementation, the education and outerseath plant in the outer and implementation, the discussion of the outerseath o	Program- wide	D	c	VTA	IC IC	This is a summary miligation measure. For individual components of the Construction Education and Outreach Plan (CTOP) please refer to MM8P-TRA-CNST-A-02 through A-16, above.
Transportation	Develop Construction Transportation Management Plan (CTMP)	18	- MMRP- TRA- CNST-	Vel-1, ROD	Develop Construction Transportation Management Plan (CTMP)	lowed go and Implement a Construction Transportation Management Plank After the environmental process is completed and prior to beginning any construction environtly. VTA will work with the Cities of sin one and Sarta Clare to develop Master Cooperative Agreements that will direct all coordination and partnering efforts between VTA and the cities prior to and during construction of the BART Extension. One element of the Master Cooperative Agreements with the cities will be the Construction Outerach Management Program (COMP). One of the three parts of the COMP a Construction Outerach Management Program (COMP). One of the three parts of the COMP a Construction Management Program (COMP). One of the three parts of the COMP a Construction of the Agreement with the Construction of the Agreement with the Construction of the Agreement with the Construction and Sarta Clare to coordinate location-specific circulation and access within and around the construction series for all orders, including automatic programs of the Company of the		۰	с	VIA	К	in C2 2825, there were 2 meetings with staff from C1 yof Santa Clara and City of San Jose where updates and City comments to CF2 CMP were discussed. CTMP status for the CP2 West Tunnel Portial as follows: 1. West Profital Garly Work Construction (Approved, Modifications availing Approved) - VTA. 1. West Profital Garly Work Construction (Approved, Modifications availing Approved) - VTA. 1. West Profital Garly Work Construction (Approved Care Care Care Care Care Care Care Care
Transportation	Develop Construction Transportation Management Plan (CTMP)	19	MMRP- TRA- CNST-	Vol-1, ROD	Develop Individual Traffic Control Plans (TCPs)	Develop and Implement a Construction Transportation Management Planc After the CTMP has been approved, individual Traffe. Control Plans (ICPs) allo be developed for postific design elements at each of the ten major project elements and throughout the 8-year duration of construction. The TCPs will address all modes including automobiles, trucks, and construction vehicles, bicyclists, pedestrians, and public transportation such as buses and light rail. The TCPs will be prepared by the constructor and approved by VTA and the applicable city prior to construction of the specific design element.	Program- wide	D	С	VTA	IC IC	is Q2 2025, no individual TCPs were required for the construction work occurring at the West Portal site as part of the CP2 CTMP1. Additional TCPs will be developed following the finalization of the contract specific CTMPs.

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Transportation	Develop Construction Transportation Management Plan (CTMP)	20	- MMI TRA- CNST	. B-0	03	Vol-1, ROD	Include Site-Specific Requirements in Traffic Control Plans (TCPs)	Develop and Implement a Construction Transportation Management Plans. The TCPs will include site-specific requirements such as the following. * Alternative access routies where practicable and wayfinding signage for all debours affecting roadway users, including vehicular traffit, purch and construction vehicles, bicyclists, and pedestrams. * Early signage of potential construction delays for all roadway users to choose alternate croates. ** Early signage of potential construction delays for all roadway users to choose alternate croates. ** Coordination between VIA and transit providers as necessary prior to construction the ensure that any necessary recorded and transits providers as necessary prior to construction be ensure that any necessary recording follows rouse and temporary reclosion of bus stop deming constructions follow to minimize impacts on business; and interpretable of the minimize impacts on business; and interpretable of the providers are constructed and the providers are providers, and largy stakeholders regarding lane. ***Handingston of the Cities of San Jose and Santa Cities, business sweets, residents, and kery stakeholders regarding lane. ****Handingston of the Cities of San Jose and Santa Cities, business sweets, residents, and kery stakeholders regarding lane. *******Santa of all publics, wallable of Tracer and on-street parting that will be removed during construction. ***********************************	Program- wide	D	c		VTA		in Q2.2025, so site-specific TCN were required for the construction work accurring at the West Portral site as part for PC (ZTMP). Additional TCPs will be developed following the finalization of the contract specific CTMP.
Transportation	Implement an Emergency Services (Coordination Plan (ESCP)	21	- MMI TRA- CNST		-	Vol-1, ROD	Implement an Emergency Services Coordination Plan (ESCP)	Prepare and Implement an Emergency Services Coordination Plan. After the environmental process is complete and prior to beginning any construction activity. You'll woll work with the Cities of Sina Jose and Sanda Cast to develop Master Cooperates Agreements that will direct all coordination and partnering efforts between VTA and the cities prior to and during construction of the BAT Extension. One element of the Master Cooperates Agreements with the cities will be the COMP. One of the three parts of the COMP is the Emergency Services Coordination (ISCP). As local emergency service routes and response times could be affected by construction activities. VTA will condinate with local fire and police services to develop the ESCP to minimize this impact. The ESCP will be incorporated into the plans and specifications of all contracts through which the BAT Extension will be implemented. Citical components of orordination are a follows. *VTA will inform the local fire and police departments of emergency provise and to maintain the cities' emergency service response times. VTA will not with the coal fire and police departments on the debour routes. *VTA will provide road signage for detours and provide manual traffic control on detour routes as necessary.	Program- wide	D	c		VTA		A cooperative agreement has been created between VTA and the Cities of San Jose and Santa Clara, and an ESCP will be created prior to heavy disconstruction. Adjuments to the ESCP will be implemented should they arise throughout the duration of construction. Outreach notices are kept in the VTA Salesforce program and can be provided if requested.
Transportation	Provide Temporary Replacement Parking at Diridon Station NEPA ONLY MITIGATION MEASURE	22	- MMI TRA- CNSI D			Vol-1, ROD	Provide Temporary Parking at Diridon	Prodd & Temporary Replacement Pasking at Diridon (Diridon Station On), NEA ONLY MITGATION MIASURE). YTA will provide 450 temporary replacement of Texter pasking space and raing construction to miglate for parking impacts caused by the BART Latension construction. The temporary replacement parking will be provided prior to the removal of existing parking spaces.	Diridon Station		c		VTA		Construction of the way have greated construction to the construction of the way to expect construction of the way to expect construction to the way to expect construction of the const

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Transportation	Implement Intersection Improvements at Coleman Avenue and Brokaw Road (for TOJD)	23	MMRP- TRA-A	Vol-1, ROD	Improve Intersection at Coleman Ave. & Brokaw Rd.	Implement Interaction Improvements at Coleman Avenue and Brokaw Road (for TOID): Change the signal control for Brokaw Road (for TOID): Change the signal control for Brokaw Road (for ToID): Change the Signal control for Brokaw Road (for toid): Interaction Int	TOJD; Santa Clara		c	VTA	, IC	TOD is not included in CP1 through CP4. Once TOD contracts are underway these measures will be addressed.
Transportation	Implement Intersection Improvements at Lafayette Street and Lewis Street (for TOJD)	24	- MMRP- TRA-B	Vol-1, ROD		Implement Interaction Improvements at Lallyatte Street and Lewis Street (for TODI): Shift the westbound approach laws on Lewis Street to the south to allow for the current through/right-turn late to operate as a separate right-turn late and a separate through lane. A shift of approximately 2 feet would increase the current through/right-turn late width to 20 feet, which would also adequate room for right turning whiches to proceed past wheles to traveled past through the extraction and make the right turn onto morthshound Lallyated Street. The westbound approach and receiving lates will be slightly offset as a result, which on he addressed with dashed parement markings arous the Interaction.	TOJD; Santa Clara		с	P VTA	к	TOD is not included in CP1 through CP4. Once TOD contracts are underway these measures will be addressed.
Transportation	Implement Intersection Improvements at the Intersection of Coleman Avenue and I880 Southbound Ramps (for TOID)	25	MMRP- TRA-C	Vol-1, ROD	Improve Intersection at Coleman Ave. & I88I Southbound Ramps		TOJD; Santa Clara		с	P VTA	IC	TOD is not included in CP1 through CP4. Once TOD contracts are underway these measures will be addressed.
Air Quality	Implement Dust Control Measures	26	- MMRP- AQ- CNST-	Vol-1, ROD	Implement Dust Control Measures per Bay Area Air Quality Management District (BAAQMD)	measures may be identified by RAAOMD or the contractor, as appropriate)	Program- wide		c	VTA /C		This is a summary measure, and has been applied as shown in the miligation measures MMRP-AQ- CNST-A-02 through A-15 below.
Air Quality	Implement Dust Control Measures	27	- MMRP- AQ- AQ- CNST-	Vel-1,ROD	Water Exposed Surfaces	Implement Dust Control Measures: The contractor will water all exposed surfaces (e.g., parining areas, staging areas, sol piles, graded to control dust, in times of drought, an effective combination of dust controls may be used in lieu of watering, such as soil binders/stabilizers, or watering may be used to form a crust on undisturbed areas.	Program- wide		c	VTA /C		The four contract packages and current design status is as follows: for CP.3 Systems CP.3 Newally Mard Systems class Station, and CP-4 Underground Stations, a General Engineering Consultant (GEC) has been selected and is preparing the three Design-Bid- Build plan, specification, and estimate (PSE) packages. For CP.3 Tunnel and Trackwork: For CP.

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	Valley Transportation Authority	MMRP CODE Chrono#	MM COI Meas	DE	Source Document	Summary	Mitigation Measure	Location	Implementation Timeframe: Design (D)	Timeframe: Construction (C)	Responsible Party	Compliance Status	2025 Q2 Quarter Miligation Completed
Air Quality	Implement Dust Control Measures	28	- MMRP- AQ- CNST-	A-03	Vol-1, ROD	Maintain Soil Moisture Content	Implement Dust Control Measures: The contractor will water all exposed surfaces at a frequency that will maintain a minimum soil motivace content of 12 process. Mosture content can be verified by biasmples or a motivary process, although such verification is typically visual. No visible dust emissions are permitted to leave the construction area.	Program- wide		с	VTA /C	κ	The four contract packages and current design status is a follow: For CP-1 System, CP-3 Ahewhalt Pard/Sarta Can Station, and CP-4 Underground Stations, a General Engineering Consultant (ECC) has been selected and is preparing the three Design-Bid- bids (pan, specification, and estimate (SSR) packages. For CP-2 Tunnel and Tractwork: For CP-2 Tunnel and Tractwork: For CP-2 Tunnel and Tractwork: In cap 2252, West Tunnel Partial construction continued with equipment mobilitation, guidewall excevation, excavation and laying foundations for triping frames, concrete batch plant, maintenance, and designed pead, and utilities instaltation. Regular teinspections confirmed dust suppression was applied consistently throughout the day to maintain a moisture level that will prevent dust emissions from leaving the site.
Air Quality	Implement Dust Control Measures	29	- MMRP- AQ- CNST-	A-04	Vol-1, ROD	Cover or Moisten Haul Trucks	implement Dust Control Measures: The contractor will cover or moisten all hauf trucks that transport soil, sand, or other loose material offsite such that there are no dust emissions.	Program- wide		c	VTA /C	κ	The four contract packages and current design status is as follows: For CP-1 System, CP-3 Avenable far/Salant Land Station, and CP-4 Underground Stations, a General Engineering Consultant (ECC) has been selected and is preparing the three Design-Bid- Biddle plans, specification, and estimate (PS&E) packages. For CP-2 Tunnel and Trackwork: for CP-2 Tunnel and Trackwork: for CP-2 Tunnel and Irrackwork: minimized the consultant contract with equipment metalization, guidenall in CQ-2025, West Tunnel Portal consultations for rigiding Termina, concrete which plant minimized the consultant plant is consultant to the consultant plant minimized the consultant plant is consultant to the consultant plant trucks (Rifed with soils were moistened as they were being filled, and contents were covered prior to leaving the site.
Air Quality	Implement Dust Control Measures	30	MMRP- AQ- CNST-	A-05	Vol-1, ROD	Use Wet Power Vacuum Street Sweepers	Implement Dust Control Measures: The contractor will remove all visible mud or drift track-out onto adjacent public roads using wet power vacuum street sweepers at least once per day, or more frequently if needed to control track-out during active soil hauling operations. The use of dry power sweeping is prohibited.	Program- wide		c	VTA /C	κ	The four contract packages and current design status is a follow: For CP-1 System, CP-3 Alwehal's MarySatta. Can Station, and CP-4 Underground Stations, a General Engineering Consultant (ECC) has been selected and is preparing the three Design-Bid- bids (package-Consultant (ECC) has been selected and is preparing the three Design-Bid- bids (package-Consultant (ECC) has been selected and is preparing the three Design-Bid- bids (package-Consultant (ECC) has been selected and is preparing the three Design-Bid- bids (package-Consultant (ECC) has been selected and is prepared to the Consultant (package-Consultant (package-
Air Quality	Implement Dust Control Measures	31	- MMRP- AQ- CNST-	A-06	Vol-1, ROD	Limit Vehicle Speed	implement Dust Control Measures: The contractor will limit all vehicle speeds on unpaved roads to 15 mph.	Program- wide		с	VTA /C	κ	The four contract packages and current design status is as follows: For CP 5 System, CP 3 Alewahl * fars/Santa Lan Sation, and CP4 Underground Stations, a General Engineering Consultant (ECC) has been selected and is preparing the three Design-Bid- Biddip fain, specification, and estimate (SRS) packages. For CP 2 Tunnel and Trakwork: for CP 2 Tunnel and Trakwork: in CQ 2023, West Tunnel Avoid Constructions continued with equipment mobilisation, guidewall in CQ 2023, West Tunnel design of position of the continued of the continued and the con
Air Quality	Implement Dust Control Measures	32	- MMRP- AQ- CNST-	A-07	Vol-1, ROD	Complete Paving ASAP	Implement Dust Control Measures: The contractor will complete all paving operations on roadways, driveways, and sidewalfs as soon as possible. The contractor will also lay building pads as soon as possible after grading, unless seeding or a soil binder is used.	Program- wide		c	VTA /C	κ	The four contract packages and current design status is a follow: For CP 5 System, CP 3 Alexhall **Ind/Santa Line Station, and CP-4 Underground Stations, a General Engineering Consultant (EGC) has been selected and is preparing the three Design-Bid- Biddle plan, specification, and estimate (PS&E) packages. For CP-2 Tunnel and Trackwork: In Q2.2025, West Tunnel Portal construction continued with equipment mobilization, guidewall exercation, exercation and bying foundations for tripping frames, concrete batch plant, maintenance, and decander pad, and utilities installation, Building and equipment pads were completed in Q2.2025 and in a timely fashion to prevent prolonged exposure of solis.
Air Quality	Implement Dust Control Measures	33	- MMRP- AQ- CNST-	A-08	Vol-1, ROD	Post Signage Regarding Dust Complaints	Implement Dust Control Measures: The contractor will post a publicly visible sign that includes the telephone number and name of the person to contact at VTA regarding dust complaints. This person will respond and take corrective action within 48 hours. The BAAQMID phone number will also be visible to ensure complaince with applicable regulations.	Program- wide		c	VTA /C	κ	The four contract packages and current design status is as follows: for CP-1 Systems, CP-3 Newhalt lard Santa Cairs Station, and CP-4 Underground Stations, a General Engineering Consultant (ECI, Data ben selected and is preparing the three Design-Bid- Build plan, specification, and estimate (PS&I) packages. for CP-2 Tunnel and Trackwork: THIS MEASURE IS COMPLETE for CP2. See Q2 2024.

	Valley Transportation Authority	MMRP CODE Chrono i	(MMRP CODE easure		Source Document	Summary	Mitigation Measure	Location	Implementation Timeframe: Design (D)	Timeframe: Construction (C)	Responsible Party	Compliance Status	2025 Q2 Quarter Mitigation Completed
Air Quality	Implement Dust Control Measures	34	- MMR AQ- CNST	A-0	09	Vel-1, ROD	Suspend Earth Moving Activities When Windy	Implement Dust Control Measures: The contractor will suspend all excavation, grading, and/or demolition activities when average wind speeds exceed 20 mph.	Program- wide		c	VTA /C	к	The four contract packages and current design status is as follows: For CP-1 Systems, CP-3 Revental Yard Santo. Lord Sation, and CP-4 Underground Stations, a General Engineering Consultant (GEC) has been selected and is preparing the three Design-Bid- Bid plans, specification, and estimate (FSEE) packages. For CP-2 Tunnel and Trackwork: In Q2 2025, West Tunnel Portal Construction continued with equipment mobilization, guidewall exeraction, exexuation and laying boundations for tripping frames, concrete batch plant, maintenance, and desander pask, and utilities installation. Supervisors regularly check the weather forecast to confirm wind speech win for exceed 20mph. If the forecast tocknich high wind speech of over 20mph, exeavation, grading, and/or denolition activities will be suspended.
Air Quality	Implement Dust Control Measures	35	- MMF AQ- CNST	A-1	10	Vol-1, ROD	Install Windbreaks	implement Dust Control Measures: The contractor will install windbreaks (e.g., fences with screening) on the windward side(s) of disturbed construction areas where feasible. Windbreaks should have 50 percent (maximum) air porosity.	Program- wide		c	VTA /C	КС	The four contract puckages and corrent design status is a follows: For CP 1.5 yetters, O-3 Newhalt Yaro (CP) and Los Daston, and CP-4 Underground Stations, a For CP 1.5 yetters, O-3 Newhalt Yaro (CP) and Los Daston, and CP-4 Underground Stations, a Ballid plan, specification, and estimate (PS&B) packages. For CP-1 Turnel Horal Construction continued with equipment mobilitation, guidewall exercation, exexuation and laying doubtations for tripping frames, concrete batch plant, maintenance, and desander pads, and utilities installation. Fencing and screening was completed in early Q1 2025.
Air Quality	Implement Dust Control Measures	36	- MMF AQ- CNST	A-1	11	Vol-1, ROD	Plant Vegetation ASAP	Implement Dust Control Measures: The contractor will plant vegetative ground cover (e.g., fast-germinating native grass seed) in disturbed areas as soon as possible and water appropriately until vegetation is established.	Program- wide		c	VTA /C	К	The four contract packages and current design status is as follows: For CP-15 yelsem, CP-3 Newhalf stad/Santa Clars Station, and CP-4 Underground Stations, a General Engineering Consultant (GC1) has been alected and in preparing the three Design-8d- Bodd Pains, specification, and estimate (PS&E) packages. For CP-1 Turnel and Trackwork: In Q2 2025, West Turnel Postal control continued with equipment mobilitation, guidewall exercation, exexuiton and slying Good for tripping frames, concrete batch plant, maintenance, and desander pask, and utilities installation. Vegetative ground cover will be planted as soon a possible, but due to the continual work activities at the West Turnel Portal, sir quality measures AQ-CNST-A-Q2 through A-10, and AQ-CNST-A-12 through A-15 will be applied.
Air Quality	Implement Dust Control Measures	37	- MMF AQ- CNST	A-1	12	Vol-1, 800	Phase Ground- Disturbing Activities	implement Dust Control Measures: The contractor will limit the simultaneous occurrence of execution, grading, and ground-disturbing construction activities in the same area. The contractor will phase activities to reduce the amount of disturbed surfaces at any one time.	Program- wide		c	VTA /C	к	The flux contract puckages and current design status is a follows: For CP-3 yetters, O'S benealth VarioS beneals flux Sation, and CP-4 beneal varioS beneals flux Sations, a General flugineering Consultant (GIC) has been selected and is preparing the three Design-Bid-Baild plans, specification, and estimate (PS&B) packages. For CP-2 Turnell and Trackwork: In Q2 2025, West Turnel Portal construction continued with equipment mobilization, guidewall exarvation, execution and laying foundations for tripping flames, concrete batch plant, maintenance, and desander pask, and utilities installation. Due to the continual work activities at the West Turnel Portal, in cyalify resources AQ-CKST-A-Q2 through A-10, and AQ-CKST-A-13 through A-15 will be applied.
Air Quality	Implement Dust Control Measures	38	- MMR AQ- CNST	A-1	13	Vol-1, ROO	Use Construction Entrances/Exits	Implement Dust Control Measures: All Trucks and equipment, including their tires, will use designated construction entrances/exits that have been constructed with rock, rumble strips, or other features to remove dirt from tires.	Program- wide		c	VTA /C	К	The four contract packages and current design status is a follows: For CP-3 ystems, Or3 Newall Varid Knais Linux Station, and CP-4 Underground Stations, a General Engineering Consultant (GICT) has been selected and is preparing the three Design-Bid- Bidd plans, specification, and estimate (PS&B) packages. For CP-2 Tunnel and Trackwork: In Q2 2025, West Tunnel Portal construction constitued with equipment mobilitations, guidewall exacusation, execution and laying Goudadions for tripping frames, concrete batch plant, maintenance, and desander pask, and utilities installation. Three construction entrances/exists have been installed on set Brokals Woods, one at Newals Morke, and one at Newals Morke, and extensive cycles were passed in Q2 2025, and three where with stations have been installed for vehicles to pass through before enting the size at Newals Drive.
Air Quality	Implement Dust Control Measures	39	- MMR AQ- CNST	A-1	14	Vel-1, ROD	Install Sediment and Erosion Control Devices	implement Dust Control Measures: The contractor will install sediment and erosion control devices on sites with a slope greater than 1 percent to prevent silt runoff from entering public roadways.	Program- wide		c	VTA /C	IC.	The four contract packages and corrent design status is a follow: For CP-1 Systems, CP-3 Newhall Yord/Santa Clars Station, and CP-4 Underground Stations, a GP-21-Systems, CP-3 Newhall Yord/Santa Clars Station, and CP-4 Underground Stations, a GP-21-Systems, CP-3 Newhall Yord/Santa Clars Station, and CP-4 Underground Stations, a Ballad plan, specification, and estimate (PS&B) packages. For CP-2 Turnel and Trackwork: In Q2 2025, West Turnel Portal construction continued with equipment mobilization, guidewall exercation, exexuation and laying Goudactions for tripping frames, concrete batch plant, maintenance, and desander pask, and utilities installation. Sediment and erroison control best management practices (BMPs) have been statisfied in accordance with the site-specific SWPPP. Regular SWPPP inspections ensured and confirmed maintenance of the BMPs on site.

	Valley Transportation Authority	MMRP CODE Chrono		MMRP CODE easure #	Source Document	Summary	Mitigation Measure	Location	Implementation Timeframe: Design (D)	Timeframe: Construction (C)	Responsible Party	Compliance Status	2025 Q2	Quarter Mitigation Completed
Air Quality	Implement Dust Control Measures	40	- MM AQ- CNS	A-15	Vel-1, ROD	Control Dust During Operation of Concrete Batch Plants	Implement Dust Control Measures: The contractor will include the following control measures as consistent with BAAQMD permiting requirements during the operation of concrete batch plants: of the construction contractor will ensure that the outlet PMID grain loading for the baghouse will not exceed 0.01 grains permit of the construction contractor will ensure that the outlet PMID grain loading for the baghouse in good operating condition at attiens. The construction contractor will equip the baghouse with a device for measuring the pressure drop across the baghouse. A state of the pressure of the pr	Program- wide		c	VTA /C	NC.	The four contract packages and current design status is a follows: For CP-1 Systems CP-2 Newally Ward, Sanza Clan Station, and CP-4 Underground Stations, a General Engineering Consultant (GCC) has been selected and is preparing the three Design-Bid- Bidsulplans, specification, and estimate (GCE) has been selected and is preparing the three Design-Bid- Bidsulplans, specification, and estimate (GCE) has been selected and is preparing the three Design-Bid- Bidsulplans, specification, and estimate (GCE) packages. For CP-2 Tornel and Trackwort. In Q2 2025, West 1 tunnel horst density tunnel continued with equipment mobilization, guidewall animatemance, and Bestander pade, and tillilise installations. The received CABB Stational Portals and Equipment Registration permits in Q1 2025 for operation of the concrete batch plant at the West Tunnel Portal, and specify: o Outlet PM10 grain loading for the baghouse will not exceed 0.01 grains per dry standard cubic floot. o The construction contractor will properly maintain the baghouse and keep the baghouse with device for measuring the pressure drop across the baghouse. Designed operating condition at all times. The construction contractor will easily the baghouse with device for measuring the pressure drop across the baghouse. Biggelmann 1.0. or the construction contractor will ablest stockpiles, conveyons and unpawed roads as necessary with water prays to maintain compliance. Copies of the permits can be found on the project sharepoint.	
Air Quality	Use U.S. Environmental Protection Agency (EPA) Tier 4 or cleaner engines	41	MM AQ- CNS		Vel-1, ROD	Use U.S. Environmental Protection Agency (EPA) Tier 4 or Cleaner Engines	Use LLS. Environmental Protection Agency (IPA) Tire 4 or cleaner engines: VTA will ensure that all construction contracts supplied that all offers, diselect-power dequipment used during construction will be equipped with EPA 1re 4 or cleaner engines, except for specialized construction equipment for which an EPA Tier 4 engine is not available. This miligation measure assumes emission reductions compared with emissions from an average fleet-wide Tier 2 engine.	Program- wide		c	VTA /C	IC	The four contract packages and current design status is as follows: For CP-1 Systems, CP-2-Nevenla Var/SATOAL Clar Sations, and CP-2 Underground Stations, a General Engineering Consultant (CEC) has been selected and is preparing the three Design-Bid- Build plans, specification, and estimate (PSEA) packages. The CP2 Consideration of the CP2 CP2 Consideration of the CP2	
Air Quality	Maintain Construction Equipment	42	- MM AQ- CNS		Vol-1, ROD	Maintain Construction Equipment	Maintain Construction Equipment: The contractor will maintain and properly tune all construction equipment in accordance with manufacturer's specifications. A certified mechanic will check all equipment to determine proper running condition prior to operation.	Program- wide		c	VTA /C	ю	The four contract packages and current design status is as follows: For CP-1 Systems, P2-Nevnball Var/SATOAL Clar Station, and CP4 Underground Stations, a General Engineering Consultant (CEC) has been selected and is preparing the three Design-Bid- Bidul plans, specification, and estimate (PS&B) packages. For CP-2 Tunnel and Trackworl: In Q2 2015, all equipment was certified by a mechanic prior to operation on site. Spot checks by equipment operators are performed prior to the start of each day, and a certified staff mechanic is called if any maintenance is required.	
Air Quality	Minimize Idling Times	43	MM AQ- CNS D	IRP- -	Vol-1, ROD	Minimize Idling Times	Makinizer daling Times: The contractor will ensure that all alling times are initionized, other by shutting equipment off when not in use or by reducing the maximum disting the so financies for required by california altomore flooric Central Measures, Title 13, Section 2485 of the California Code of Regulations). The contractor will provide clear signage for construction workers at all access points.	Program- wide		c	VTA /C	К	The four contract packages and current design status is as follows: For CP-3 ystems CP-3 Newalth VarsCPs has class Sation, and CP-4 Underground Stations, a General Engineering Consultant (CEC) has been selected and is preparing the three Design-8id- Build plans specification, and estimate (CEC) has been selected and is preparing the three Design-8id- Build plans specification, and estimate (CES) packages. For CP-3 Truntel and Truckenot: For CP-3 Truckenot Truck	
Air Quality	Use Equipment Meeting ARB Certification Standards	44	- MM AQ- CNS		Vol-1, ROD	Use Equipment Meeting Air Resources Board (ARB) Certification Standards	Use Equipment Meeting ANB Certification Standards: All contractors will use equipment that meets ARB's most recent certification standard for off road heavy duty direct engines.	Program- wide		c	VTA /C	ю	The flux contract packages and current ceigns takes is at follows. To CP-3 Systems - 32 Hearbill Workforks Class Stations and CP Underground Stations, a General Engineering Consultant (ECC) has been selected and is preparing the three Design-Bid-Biddlips to, specification, and estimate (PS&E) packages. For CP-2 Tunnel and Trackwork: In Q2 2015, West Tunnel Portal construction continued with equipment mobilization, guidewall exercises consistent and larging foundations for trigging frames, concrete batch plant, that all equipment used on site meets ARB's most recent certification standard.	
Air Quality	Ensure Heavy-Duty Diesel Trucks Will Comply with EPA Emissions Standards	45	- MM AQ- CNS	-	Vol-1, ROO	Ensure Diesel Trucks Comply with U.S. Environmental Protection Agency (EPA) Envisions Standards	Easure New York Direct Trouck WIII Comply with DP. Entistone Standards VTA and contractors will recurse that construction contracts displate that all on-road, beavy-drug free trutus with a grow sectile weight reting of 15.500 pounds or greater will comply with EPA 2007 on-road emission standards for PMLD and NDX (DLJ and 0.20 gram per break horsepower hour, respectively). These PMLD and NDX standards were phased in through the 2007 and 2010 model years on a percentage-of-sales basis (50 percent of sales from 2007 to 2009 and 100 percent of sales in 2010). This mitigation measure assumes that all on-road, heavy-duty diesel trucks will be model year 2010 and newer and compliant with EPA 2007 on-road emission standards.	Program- wide		c	VTA /C	К	The four centract packages and current design attains is as follows: For CP-1 Systems, 2-8 Nevental Vars/Garts Lock Soldon, and C4-4 Underground Stations, a General Engineering Consultant (GCC) has been selected and is preparing the three Design-Bid- Build plans, specification, and estimate (PS&E) packages. The CP2 Conformed set includes this mitigation measure in Vol 1 General Requirements, Section 03 57 00 Temporary Controls. Section 2-1 Torontal and Trackwork: The Contractor's All Monitoring Program ensures that all on-road, heavy-duty disent trucks used or sit meets EPA's 2007 emissions standards by being model year 2010 or newer. Therefore, this measure is complete for CP2.	
Air Quality	Use Low-Sulfur Fuel	46	- MM AQ- CNS G	IRP- - :T-	Vol-1, ROD	Use Low-Sulfur Fuel	Use tow Sulfur Fuel: The contractor will use low-sulfur fuel (diesel with 35 parts per million or less) in all construction equipment.	Program- wide		c	VTA /C	α	THIS MEASURE IS COMPLETE. See Q2 2024 ECR for details	Q2 2024

	Valley Transportation Authority	MMRP CODE Chrono	С	MRP ODE ssure #	Source Document	Summary	Mitigation Measure	Location	Implementation Timeframe: Design (D)	Timeframe: Construction (C)	Timeframe:Post- Responsible Party	Compliance Status	2025 Q2	Quarter Mitigation Completed
Air Quality	Locate Construction Areas Away from Sensitive Receptors	47	- MMRI AQ- CNST- H	s. -	Vel-1, ROD	Locate Construction Away from Sensitive Receptors	Locate Construction Areas Away from Sensitive Receptors: The contractor will locate all construction equipment and staging areas away from sensitive receptors and fresh-air intake vents to buildings and air conditioners, where feasible.	Program- wide		c	VTA /C	ίC	The four contract packages and current design status is a follows: For CP-1 System, CP-3 Newhall Yard/Shaci Lara Sation, and CP-4 Underground Stations, a General Engineering Consultant (GIC1) has been selected and is preparing the three Design-Bid-Bidd plans, specification, and estimate ISSAS packages. For CP-2 Tunnel and Trackwork: 102 2025, West Tunnel Portal construction continued with equipment mobilitation, guidewall executation, excavation and larging floundations for tripping frames, concrete batch plant, maintenance, and Seaderde pask, and utilities installation. Construction equipment and staging areas are kept away from the identified sensitive receptions and away from any air conditioning and building fresh-air intake vents.	
Air Quality	Use Low-Volatile Organic Compound (VOC) Coatings	48	- MMRI AQ- CNST-	a	Vol-1, ROD	Use Low-Volatile Organic Compound (VOC) Coatings	Use two Valetils Organic Compound (VOC) beatings, All contractors will use two-VOC (i.e., ROC) costings that are beyond BALAGMS requirement (i.e., Registration 8, Res 2, Architectural Costings (VOC content is limited to 100 grams per liter for flat coating and 150 grams per liter for non-flat coating)).	Program- wide		С	VTA /C	к	The four contract packages and current design station is a follows: for C-1 systems, C-3 sheenful Veroficebon four Sation, and C-44 Inderground Stations, a General Engineering Consultant (GIC) has been selected and is preparing the three Design-Bid- Bidd plans, specification, and estimited PSSAD packages. The CP2 Conformed set includes this mitigation measure in Vol 1 General Requirements, Section 01 35 74 Sustainability Requirements and Section 01 75 00 Temporary Controls. The CP2 Conformed set includes this mitigation measure in Vol 1 General Requirements, Section 01 56 76 CP2 Turnel and Trackwork: in Q2 2025, no coatings were required therefore this measure will be applied in future quarters as necessary.	
Biological Resources and Wetlands	Avoid Nesting Bird Season	49	- MMRI BIO- CNST- A		Vel-1, ROD	Avoid Nesting Bird Season	Asoid Netting Bird Season: To the extent feasible, the contractor will schedule all construction (particularly tree removal and pruning) activities to avoid the bird resting season (Janusy)—August 31,1 314 so Activities are scheduled to take piece ouxiste the nesting season, the contractor will avoid all effects on nesting birds, including raptors, protected under the Magrastry Bird Tracky Act (BiRd) and California Friah and Game Good. The nestings season for most birds in Santa Cara Country typically extends from February 1 through August 31, although some birds (e.g., raptors and hummingbirds) may next as early as January 1 if a period of flovorable weather persists.	Program- wide		С	VTA /C	к	The four comract packages and current design status is a follow: or C+1 Systems, C+3-Newhall Yan/Shan. Car Sation, and C+4 Underground Station, a General Engineering Coroutlant (GIC) has been selected and is preparing the three Design-Bid- Bidlig Dans, specification, and estimate ISES packages. for C-2 Turnel and Trackwork: for C-2 Turnel and Trackwork: sold 2025, no needing bid columps, were required as no tree trimming or removals were planned. Surveys will be performed in future quarters, as necessary.	
Biological Resources and Wetlands	Conduct Preconstruction/Predisturba nce Surveys for Nesting Birds	50	- MMRI BIO- CNST-	ь.	Vel-1, ROD	Conduct Preconstruction/Predis turbance Surveys for Nesting Birds	Conduct Preconstruction/Predisturbance Survey for Nesting Birds: If it is not possible to schedule construction activities introduce true removal or prusing between Spettment's and Banavay. It here a qualified biologist will construct preconstruction/predisturbance surveys for nesting birds to ensure that no nests will be disturbed during construction activities. These unways will be conducted no more than 48 hours prior to the initiation of construction. During each survey, a qualified biologist will inspect all potential nesting habitats (e.g., trees, shrubs, grasslands, and buildings) in accessible areas with 200 feet of impact areas for readure reside and within 100 feet of impact areas for readure reside and within 100 feet of impact areas for readure resident and within 100 feet of impact areas for readure size and within 100 feet of impact areas for readure size. As an activities and within 100 feet of impact areas for readure size and within 100 feet of impact areas for readure size and within 100 feet of impact areas for readure size of size of the size of size of the size of	Program- wide	٥	С	VTA /C	κ	Please refer to the documentation under MMRP-BIG-CNST-A.	
Biological Resources and Wetlands	Conduct Preconstruction Surveys for Roosting Bat and Implement Protective Measures- Trees	51	- MMRI BIO- CNST	C-01	Vel-1, ROD	Conduct Preconstruction Surveys for Roosting Bats	Conduct Preconstruction Surveys for Recenting Bast and Implement Protective Measures-Trees: If were removal or trimming cannot be conducted between September 13 and October 30, qualified biologists will examine trees for suitable but-rootsing habitate before the removal or trimming. The biologists will examine the protective for the removal or trimming. The biologists will examine the protective for the removal or trimming that the protective for bast and but sign (e.g., guanno, colled manuer parts, staining, Reparlaw noodlond, colled cordards, and stands of mature broadlest rivers are considered potential habitat for soldary foliage-rootsing bast species. Because sign of bat use are not easily found, and trees cannot be completely surveyed for hat roots, IV, will mighement be protective measures listed below (in MMRP-8IO-CNST-C-02 through C-05) for trees containing high-quality habitat features.	Program- wide	٥	с	VTA /C	к	The four comract packages and current design status is a follows: for CF-3 ystems. 7-3-keenfall Yardi, Seal Line Sation, and CF-4 Underground Stations, a General Engineering Consultant (GCC) has been selected and is preparing the three Design-Bid- Biddlipfans, specification, and estimate ISSS) packages. For CF-2 Tunnel and Trackwork: in Q 2025, no rooting but surveys were required as no tree trimming or removals were planned. Surveys will be performed in future quarters, as necessary.	
Biological Resources and Wetlands	Conduct Preconstruction Surveys for Roosting Bat and Implement Protective Measures-Trees	52	- MMRI BIO- CNST	o- C-02	Vol-1, ROD	No Disturbance to Bat Roosting Trees Between April 1 and September 15	Confact Preconstruction Surveys for Roosting Bat and Implement Protective Measures. Trees: The contractic will not remove or disturb to see providing hardster bevere April 2 and September 15 (the maternity period) to avoid effects on pregnant females and active maternity roosts (whether colonial or solitary).	Program- wide	۵	с	VTA /C	ю	Please refer to the documentation under MMRP-BIO-CNST-C-01.	
Biological Resources and Wetlands	Conduct Preconstruction Surveys for Roosting Bat and Implement Protective Measures-Trees	53	- MMRI BIO- CNST	o- C-03	Vol-1, ROD	Remove Bat Roosting Trees between September 15 and October 30	Conduct Preconstruction Surveys for Roosting Bast and Implement Protective Measures- Trees: The contractor will limit the removal of trees that provide but roosting habitat to between September 15 and October 30, which corresponds to when buts have not yet entered torpor or would be caring for nonvolant young (i.e., young that are unable to fly).	Program- wide	D	С	VTA /C	IC	Please refer to the documentation under MMRP-BIO-CNST-C-01.	
Biological Resources and Wetlands	Conduct Preconstruction Surveys for Roosting Bat and Implement Protective Measures-Trees	54	- MMRI BIO- CNST	C-04	Vol-1, ROD	Remove Trees in Pieces	Conduct Preconstruction Surveys for Boosting Bs and Implement Protective Measures-Trees: The contractor will remove trees in pieces rather than felling an entire tree.	Program- wide	D	c	VTA /C	ю	Please refer to the documentation under MMIRP-BIO-CRGT C-01.	

	Valley Transportation Authority	MMRP CODE Chrono	c	IMRP CODE asure #	Source Document	Summary	Mitigation Measure	Location	Implementation Timeframe: Design (D)	Timeframe: Construction (C)	Timeframe:Post- Responsible Party	Compliance Status	2025 Q2	Quarter Mitigation Completed
Biological Resources and Wetlands	Conduct Preconstruction Surveys for Roosting Bat and Implement Protective Measures-Trees	55	MMR BIO- CNST	P- C-05	Vol-1, ROD	Ensure Maternity Roost is Undisturbed until September 15	Conduct Perconstruction Surveys for Rocating But and Implement Protective Measures-Trees: If a maternity roos is to found, whether solity or colonisi, the contractor will ensure that roost remains undisturbed until September 15 or until a qualified biologist has determined the roost is no longer active.	Program- wide	D	c	VTA /C	ic	Please refer to the documentation under MMIRP-BID-CNST-C-01.	
Biological Resources and Wetlands	Conduct Preconstruction Surveys for Roosting Bat and Implement Protective Measures-Trees	56	- MMR BIO- CNST	P- C-06	Vol-1, ROD	Biologists to Monitor Tree Removal	Lendest Percentruction forway for Receitse Bit and Implement Protective Measures. Trees it avoidance of non- materially notest trees in and possible, and the removal or trimming must occur between Colches 3 and August 31, qualified biologists will monitor tree trimming/removal of the habitat. If possible, tree trimming or removal and the late afternoon or evening when it is closer to the time that buts would normally ansure. Proof to trimming or removal of trees providing suitable roosting habitat, the contractor will shake each tree gently and allow several minutes to pass before felling trees or removing limbs to allow buts time to a rouse and leaven the tree, biologists should search downed vegetation for dead and injured bats. The contractor will report the presence of dead or injured bats that are species of special concern to CDPW. The biologist will prepare a biological monitoring report, which will be provided to VTA and CDPW.	Program- wide	D	c	VTA /C	ic	Please refer to the documentation under MMRP-8IO-CHST-C-01.	
Biological Resources and Wetlands	Conduct Preconstruction Surveys for Roosting Bat and Implement Protective Measures- Buildings	57	- MMR BIO- CNST	P- C-07	Vol-1, ROD	Conduct Roosting Bat Surveys at Buildings	Conduct Perconstruction Surveys for Recenting Bat and Implement Protective Measures-Buildings Prior to the building removal or demolition, qualified biologists will conduct dynime unverys to assess the buildings) for potential but roosting habitat, and to look for lasts and but sign. Qualified biologists will have knowledge of the natural history of the species that could occur and utilitient experience determining but occupant, in buildings and but survey techniques. The biologists will examine both the inside and oxiside of the buildings for potential roosting habitat, as well as routies of entry to the and entry and entry potential possible. The biologists was also also placed part of the buildings and buildings and buildings and but and entry and etc.) possible to allow time for prianning and coordinating with CDFW, should but but found. Depending on the results of the habitat assessment, VTA and its representatives will take the following steps (MMRP- BIO-CDFT-C-08 through C-19).	Program- wide	D	с	VTA /C	ic ic	For CP 2 Tunnel and Trackwork: The CP2 Conformed set includes this mitigation measure in Voll 1 General Requirements, Section 13 F3 To Biological Resources Requirements. VTA will be performing advance demolition in advance of the other contract packages. Future surveys will be performed an needed by the other contract packages. 10 22025, no buildings were removed or demolished; therefore this measure will be implemented in future quarters.	
Biological Resources and Wetlands	Conduct Preconstruction Surveys for Roosting Bat and Implement Protective Measures- Buildings	58	MMR BIO- CNST	P- C-08	Vel-1, ROD	Conduct Roosting Bat Surveys Within 24 Hours of Building Demolition	Eachest Percentruction Survey for Receiting Bat and Implement Protective Measures. Buildings of the buildings) can be adequately assessed (e. a) all resid for buildings (a) he survey and the survey of the interior and earlier of the buildings) within 24 house of defendition. If shat are found roosting during the preconstruction survey of the interior and earlier of the buildings) within 24 house of demolstant. If shat are found roosting during the preconstruction survey, biologists will contact CDFW for direction on how to proceed.	Program- wide	D	с	VTA /C	lC IC	Please refer to the documentation under MMRP-8IO-CHST-C-07.	
Biological Resources and Wetlands	Conduct Preconstruction Surveys for Roosting Bat and Implement Protective Measures- Buildings	59	MMR BIO- CNST	P- C-09	Vel-1, ROD	Conduct Roosting Bat Surveys Within 24 Hours of Building Demolition	Conduct Perconstruction curvey for floating list and implement Protective Measures. Buildings: If moderate or high potential habitat is present but there are no sign of but sure, "Visit implement measures under the guidance of a state," of a state, "Visit implement measures under the guidance of a state," of a state, "Visit implement measures under the guidance of a state, "Visit implement measures under the guidance of a state," of a state, "Visit implement measures under the guidance of a state, "Visit implement of the state," of the state of the state of the state, "Visit implement of the state," of the state of the state, "Visit implement of the state," of the state of the state, "Visit implement of the state," of the state of the state, "Visit implement of the state," of the state, "Visit implement of the state, "Visit implement of the state," of the state, "Visit implement of the state, "Visit implement of the state," of the state, "Visit implement of the state, "Visit implement of the state," of the state, "Visit implement of the state," of the state, "Visit implement of the state, "Visit implement of the state," of the state, "Visit implement of the state, "Visit implement of the state, "Vis	Program- wide	D	С	VTA /C	IC.	Please refer to the documentation under MMRP-BIO-CNST-C-07.	
Biological Resources and Wetlands	Conduct Preconstruction Surveys for Roosting Bat and Implement Protective Measures- Buildings	60	MMR BIO- CNST	P- C-10	Vol-1, ROD	Implement Roosting Bat Protective Measures	Conduct Preconstruction Surveys for Roosting Bat and Implement Protective Measures-Buildings: If moderate or high potential habitat is present and bats or bat sign are observed, or if exclusion measures are not installed as described above, or the buildings provides studies habitat but could not be adequately assessed, VTA will implement the following protective measures (MMRP-BIO-CNST-C-11 through C-13).	Program- wide	D	c	VTA /C	IC.	Please refer to the documentation under MMRP-BIO-CNST-C-07.	
Biological Resources and Wetlands	Conduct Preconstruction Surveys for Roosting Bat and Implement Protective Measures- Buildings	61	- MMR BIO- CNST	P- C-11	Vol-1, ROD	Conduct Follow-Up Roosting Bat Surveys at Buildings	Conduct Perconstruction Surveys for Boosting Bits and Implement Protective Measures-Buildings: Biologists will conduct follow on purveys to determine it has are still present. Repeats destinction in required by CDME, biologists will use night vision gaggies and active acoustic monitoring using full spectrum bat detectors during the surveys. VTA will determine a survey plan (number, timing, and type of surveys) in coordination with CDFW.	Program- wide	D	с	VTA /C	ic	Please refer to the documentation under MMRP-8IO-CNST-C-07.	
Biological Resources and Wetlands	Conduct Preconstruction Surveys for Roosting Bat and Implement Protective Measures- Buildings	62	- MMR BIO- CNST	p- C-12	Vol-1, ROD	Install Bat Roosting Exclusion Measures	Conduct Perconstruction Survey for Boosties But and Implement Protective Measures. Buildings: Bused on the timing of demollton, the earn of ball spin or coupled habitat, and the species present (lefermined), the qualified buildings will work with VTA and CDPM to develop a plan to discourage or exclude but use prior to demolition. The plan may include installing exclusion measures or using light or other means to deter bats from using the building to roost.	Program- wide	D	с	VTA /C	IC.	Please refer to the documentation under MMRP-8IO-CNST-C-07.	
Biological Resources and Wetlands	Conduct Preconstruction Surveys for Roosting Bat and Implement Protective Measures- Buildings	63	MMR BIO- CNST	P- C-13	Vol-1, ROD	Conduct Roosting Bat Surveys Within 24 Hours of Building Demolition	Conduct Preconstruction Surveys for Boosting But and Implement Protective Measures-Buildings: Biologists will conduct a preconstruction survey of the interior and exterior of the building within 24 hours of demolition.	Program- wide	D	c	VTA /C	ic	Please refer to the documentation under MMRP-8IO-CNST-C-07.	
Biological Resources and Wetlands	Conduct Preconstruction Surveys for Roosting Bat and Implement Protective Measures- Buildings	64	MMR BIO- CNST	P- C-14	Vel-1, ROD	Implement Roosting Bat Protective Measures	Conduct Preconstruction Surveys for Roosting Bat and Implement Protective Measures-Buildings: Depending on the species of bats present, size of the bat roost, and timing of the demolition, additional protective measures may be necessary. If An indetermine appropriate measures in coordination with CDPV. These measures may include those listed below (MMRP-800-CNST-C-15 through C-17).	Program- wide	D	c	VTA /C	К	Please refer to the documentation under MMIRP-BID-CNST-C-07.	
Biological Resources and Wetlands	Conduct Preconstruction Surveys for Roosting Bat and Implement Protective Measures- Buildings	65	- MMR BIO- CNST	P- C-15	Vol-1, ROD	No Building Demolition While Bats Are Present	Conduct Preconstruction Surveys for Roosting Bat and Implement Protective Measures-Buildings: To avoid effects on maternity colonies or hibernating bats, the contractor will not demolsh a building white bats are present, generally between April 1 and September 15 (maternity season) and from October 30 to March 1 (hibernation).	Program- wide	D	c	VTA /C	ic	Please refer to the documentation under MMIRP-BIO-CNST-C-07.	

	Valley Transportation Authority	MMRP CODE Chrono #		IMRP CODE asure i	¥	Source Document	Summary	Mitigation Measure	Location	Implementation Timeframe: Design (D)	Timeframe: Construction (C)	Responsible Party	Compliance Status	2025 Q2	Quarter Mitigation Completed
Biological Resources and Wetlands	Conduct Preconstruction Surveys for Roosting Bat and Implement Protective Measures- Buildings	66	MMF BIO- CNST	C-16		Vol-1, ROD	Only Remove Roosting Building Habitat Prior to Hibernation	Conduct Preconstruction Surveys for Boosting Bat and Implement Protective Measures-Buildings: The contractor will remove only rocative plantial rollowing in members bearon and prior to hibernation, generally between Spettment 15 and October 30, unless the contractor first installs exclusionary devices (as described below). The contractor may use other measures, such as using lights to deter bat roosting, if developed in coordination with and approved by CDFW.	Program- wide	۵	с	VTA /C	Я	Please refer to the documentation under MMRP-BIO-CNST-C-07.	
Biological Resources and Wetlands	Conduct Preconstruction Surveys for Roosting Bat and Implement Protective Measures- Buildings	67	- MMF BIO- CNST	C-17		Vol-1, ROD	Install Roosting Bat Exclusion Devices	Conduct Preconstruction Surveys for Roosting Bat and Implement Protective Measures-Buildings: The contractor will install exclusion device before the materianty season and prior to hibernation, general from March 1-30 or September 15-October 30 to preclude bats from occupying a roost site during demolition. Exclusionary devices will only be installed by or under the supervision of an experienced bat biologist.	Program- wide	D	с	VTA /C	IC	Please refer to the documentation under MMRP-BIO-CNST-C-07.	
Biological Resources and Wetlands	Conduct Preconstruction Surveys for Roosting Bat and Implement Protective Measures- Buildings	68	- MMF BIO- CNST	^{IP-} C-18		Vol-1, ROD	Provide Compensatory Mitigation for Roosting Bat Habitat	Conduct Preconstruction Surveys for Boosting Balt and Implement Protective Measures-Buildings: CDFW may require compensation ynitigation for the bost of resting habitat depending on the species present and size of the balt prost. Compensation, if required, will be determined in consultation with CDFW, and may include construction and monitoring of suitable replacement habitat on or near the BART Extension size.	Program- wide	D	с	VTA /C		Please refer to the documentation under MMRP-BIO-CNST-C-07.	
Biological Resources and Wetlands	Protect Riparian Habitat	69	MMF BIO- CNST D			Vol-1, ROD	Protect Riparian Habitat	Protect Rigorian Habitat: UTA will design all BART Extension fiscilises to avoid temporary and permanent adverse effects on organish habitat. VTA will signly is a renormentally sensitive sees no plans all impain forest areas instituted along the Guadakaye River and Los Gasto Creek and will ensure such habitat it marked with protective orange fencing or flagging during construction to avoid disturbance or accidental intrusion by workers or equipment. Contractors will not use night lighting for construction activities and staging in the riparian area.	Guadalupe River ; Los Gatos creek		c	VTA /C	IC	The four contract packages and current design status is a follows: For CV Systems, CV-Alevenhal Yard Share Line Station, and CV-4 Underground Stations, a General Engineering Consultant (GCT) has been selected and is preparing the three Design-Bid- Biolit plans, specification, and estimate (PS&I) packages. For CP-2 Tunnel and Trackwork: In QZ 2025, no construction occurred near Guadalupe River and Los Gafos Creek, therefore this measure will be implemented in future quarters.	
Biological Resources and Wetlands	Conduct Preconstruction Tricolored Blackbird Nesting Surveys and Determine Appropriate Action	70	- MMR BIO- CNST	-Е		Vel-1, ROD	Conduct Preconstruction Tricolored Blackbird Nesting Surveys	Conduct Preconstruction Tricolored Blackbird Nesting Surveys and Determine Appropriate Action. There are and have been no known tricolored blackbird nesting colonies in the Balf Stream are awaitine the Balf Syrant. Newewer, to avoid direct effects of construction activities on potential nesting tricolored blackbird colonies, VTA will implement the following procedures. This militagetion measure incorporates survey, woldines, and minimization guidelines taken directly from Condition 17 of the Santa Clars Valley Habitat Plan (SCVIP) (Santa Clars County 2012). A qualified biologist will conduct a field investigation to identify and map potential nesting substrate. Nesting substrate generally includes Fooded, thorry, or spin vegetation (e.g., catalab, buturable, willows, blackberries, thields, or netties). buffer around the potential nesting habitat, and biologists will conduct additional nesting surveys. If VTA chooses not to avoid the potential nesting habitat and the 230-foot buffer, biologists will conduct additional nesting surveys.	N/A	N/A	N/A N/A	V N/A	N/A		N/A
Biological Resources and Wetlands	Conduct Preconstruction Burrowing Owl Surveys and Determine Appropriate Action (for Newhall Maintenance Facility)	71	- MMR BIO- CNST	IP- F-01		Vol-1, ROD	Implement Burrowing Owl Measures	Conduct Preconstruction Burrowing Owl Surveys and Determine Appropriate Action (for Newhall Maintenance Fastilly): To avoid or minimize direct efforts of construction activities on burrowing only, VTA will implement the procedures described below (MAMEP-BIO-CNST-F-02 to F-15). This mitigation measure incorporates survey, avoidance, and minimization guidelines taken directly from Condition 15 of the SCVHP (SCVHA 2012).	Newhall Maintenance Facility	D	c	VTA /C		This is a summary mitigation measure; please refer to the following measures MMRP-BIO-CIST-F- 02 to F-15 related to burrowing owls for the breeding and non-breeding season, respectively. Note that these measures only apply at the Newhall Maintenance Facility, which is the only area on the project with burrowing owl habitat.	
Biological Resources and Wetlands	Conduct Preconstruction Burrowing Owl Surveys and Determine Appropriate Action (for Newhall Maintenance Facility)	72	- MMF BIO- CNST	F-0	2	Vol-1, ROD	Conduct Preconstruction Burrowing Owl Surveys	Conduct Preconstruction Burrowing Owl Surveys and Determine Appropriate Action (For Newhall Maintenance Facility): Froit or any ground disturbance related to BART Extension Alternative activities, a qualified biologist will conduct preconstruction surveys in all suitable habitat areas as identified by SCVMA. The purpose of the preconstruction surveys is of the control of the preconstruction surveys and suitable habitat areas as identified by SCVMA. The purpose of the preconstruction surveys is obscienced and the preconstruction of the preconstruction surveys in the construction surveys and the preconstruction surveys will last a minimum of 3 hours. The survey will begin 1 hour before sunnies and continue until 2 hours after survive (3 hours total) or begin 2 hours before surveys will begin 1 hour before sunnies and continue until 2 hours after surveys (3 for which are surveys) will conduct a minimum of two surveys (if owhs are detected on the first survey, a second survey) in ort needed). The biologist will count a low obscerved and may their bicction. Surveys will conclude no more than 2 calendar days prior to construction. Therefore, the project proponent must begin account of the precipitation of the surveys on more than 4 days prior to construction (2 days of surveying plass up to 2 days between surveys and construction). To avoid last minute changes in schedule or contracting that may accur it burrowing owls are found, VTA and subscience of the start or equired surveys as bing as the second survey concludes no more than 2 calendar days in sharince of	Newhall Maintenance Facility	0	c	VTA /C	æ	THIS MEASURE IS COMPLETE AND CLOSED. See Q2 2024.	Q2 2024
Biological Resources and Wetlands	Conduct Preconstruction Burrowing Owl Surveys and Determine Appropriate Action (for Newhall Maintenance Facility): Avoidance Messures: Breeding Season (February 1–August 31)	73	- MMF BIO- CNST	F-03		Vol-1, ROD	Avoid Burrowing Owls During Breeding Season	Conduct Preconstruction Burrowing Owl Surveys and Determine Appropriate Action (for Newholl Maintenance Fastility). Avaidance Neasures Sevening Sesson (Pehrany 1-August 31): In order to allow covered activities to go forward in burrowing owl habitat, VTA will employ avoidance measures described below to ensure that direct take does not occur. If evidence of burrowing owls is found during the breeding season (February 3-August 31), VTA will avoid all nest sites that could be disturbed by construction during the remainder of the breeding season or while the nest is occupied by Ancidance will include establishment of a 250-foot non-disturbance buffer zone around nests. Construction may occur outside of the 250-foot non-disturbance buffer zone.	Newhall Maintenance Facility	D	с	VTA /C		THIS MEASURE IS COMPLETE AND CLOSED. See Q2 2024.	Q2 2024
Biological Resources and Wetlands	Conduct Preconstruction Burrowing Owl Surveys and Determine Appropriate Action (for Newhall Maintenance Facility): Avoidance Measures: Breeding Season (February 1–August 31)	74	- MMF BIO- CNST	F-04		Vol-1, ROD	Construction Inside	Conduct Preconstruction Burnowing Owl Surveys at Newhall Maintenance Facility and Determine Appropriate Action- Avoidance Massures: Breeding Season (February 1–August 31): Construction may take place inside of the 250-foot non- distructuralce belief configure the redenic season of the following occurs: "The rest is not disturbed, and "I'vil Adverlogs an avoidance, minimization, and monitoring plan that will be reviewed by CDFW, USFWS, and SCVHA prior to construction based on the following criteria (MMSP-BIO-CNST-F-05 through F-09):	Newhall Maintenance Facility	D	c	VTA /C	α	THIS MEASURE IS COMPLETE AND CLOSED. See Q2 2024.	Q2 2024

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		MMRP CODE Chrono #	C	MRP ODE asure	Source Document	Summary	Mitigation Measure	Location	Implementation Timeframe: Design (D)	Timeframe	Timeframe:P	Compliano Status	2025 Q2	Quarter Mitigation Completed
Biological Resources and Wetlands	Conduct Preconstruction Burrowing Owl Surveys and Determine Appropriate Action (for Newhall Maintenance Facility): Avoidance Measures: Breeding Season (February 1—August 31)	75	- MMRP BIO- CNST-	P- F-05	; Vol-1, ROD	Owl Avoidance and Minimization Plan Approval	Confust Preconstruction Burrowing Out Survey at Newhall Maintenance Facility and Determine Appropriate Action- Acordisace Measures investing Season (February 1-August 31). CGPW, USPWS, and the SCVMA approves the avoidance and minimization plus provided by VTA. CGPW, USPWS, and SCVMA with have 21 calendar days to reposed to a request from VTA for review the proposed construction monitoring plan. If these parties do not respond within 21 calendar days, it will be presumed that they concur with the proposal and work can commence.	Newhall Maintenance Facility	D	c	VTA /C	СС	THIS MEASURE IS COMPLETE AND CLOSED. See Q2 2024.	Q2 2024
Biological Resources and Wetlands	Conduct Preconstruction Burrowing Owl Surveys and Determine Appropriate Action (for Newhall Maintenance Facility): Avoidance Measures: Breeding Season (February 1—August 31)	76	- MMRP BIO- CNST-	P- F-06	5 Vol-1, ROD	Determine Baseline Owl Behavior	Canduct Preconstruction Burrowing Out Surveys at Newhall Maintenance Facility and Determine Appropriate Action- Appoilance Measure Exercising Season (February 1-August 31) a Justified biologist motions the own for at least 3 days prior to construction to determine baseline nesting and foraging behavior (i.e., behavior without construction).	Newhall Maintenance Facility	D	с	VTA /C	СС	THIS MEASURE IS COMPLETE AND CLOSED. See Q2 2024.	Q2 2024
Biological Resources and Wetlands	Conduct Preconstruction Burrowing Owl Surveys and Determine Appropriate Action (for Newhall Maintenance Facility): Avoidance Measures: Breeding Season (February 1—August 31)	77	- MMRP BIO- CNST-	P- F-07	Vol-1, ROD	Survey Owl Behavior During Construction	Conduct Preconstruction Burrowing Out Surveys at Newhall Maintenance Facility and Determine Appropriate Action- Avoilance Measures Tereding Season (February 1-August 31) The same qualified biologist monitors the owls during construction and finds no change in owl nesting and foraging behavior in response to construction activities.	Newhall Maintenance Facility	D	с	VTA /C	СС	THIS MEASURE IS COMPLETE AND CLOSED. See Q2 2024.	Q2 2024
Biological Resources and Wetlands	Conduct Preconstruction Burrowing Owl Surveys and Determine Appropriate Action (for Newhall Maintenance Facility): Avoidance Measures: Breeding Season (February 1—August 31)	78	- MMRP BIO- CNST-	P- F-08	l Vel-1, ROD	Cease Construction if Owl Behavior Changes	Conduct Preconstruction Burrowing Owl Survey at Newhall Maintenance Facility and Determine Appropriate Action- Avoidance Measures Treeding Season (February 1-August 31) if there is any change in own resting and foraging behavior as a result of construction activities, these activities will cease within the 250-bed order. Construction cannot resume within the 250-foot buffer until the adults and juveniles from the occupied burrows have moved out of the construction area.	Newhall Maintenance Facility	D	c	VTA /C	cc	THIS MEASURE IS COMPLETE AND CLOSED. See Q2 2024.	Q2 2024
Biological Resources and Wetlands	Conduct Preconstruction Burrowing Owl Surveys and Determine Appropriate Action (for Newhall Maintenance Facility): Avoidance Measures: Breeding Season (February 1—August 31)	79	- MMRP BIO- CNST-	P- F-09) Vol-1, ROD	Excavate Owl Burrow to Prevent Reoccupation	Conduct Preconstruction Burrowing Owl Survey at Newhall Maintenance Facility and Determine Appropriate Action- Avoilance Measures Treeding Season (February 1-August 31) if monitoring indicates that the nest is abundoned prior to the end of the nexting season and the burrow is no longer in use by owls, the novidarbance buffer come may be removed. The biologist will exeavate the burrow to prevent reoccupation after receiving approval from CDFW, USFWS, and SCVHA.	Newhall Maintenance Facility	D	c	VTA /C	cc	THIS MEASURE IS COMPLETE AND CLOSED. See Q2 2024.	Q2 2024
Biological Resources and Wetlands	Conduct Preconstruction Burrowing Owl Surveys at Newhall Maintenance Facility and Determine Appropriate Action-Avoidance Measures: Non-Breeding Season (September 1-January 31)	80	- MMRP BIO- CNST-	F-10) Vol-1, ROD	Establish Buffers Around Occupied Burrows	Conduct Preconstruction Burrowing Out Surveys at Newhall Maintenance Faility and Determine Appropriate Action- Avoidance Measures, Now Tereding Season (September 1-aburay 31) During the non-breeding season (September 1-aburay 31), VTA will establish a 254-Gost non-disturbance buffer around occupied burrows as determined by a qualified biologic. Construction activities outside of the 254-Gost Unit Para allowed. Construction activities within the non-disturbance buffer are allowed if the following criteria (MMSP-8IO-CNST-F1 11 through F-15) are met in order to prevent owls from abandoning important overwintering sizes.	Newhall Maintenance Facility	D	c	VTA /C	cc	THIS MEASURE IS COMPLETE AND CLOSED. See Q2 2024.	Q2 2024
Biological Resources and Wetlands	Conduct Preconstruction Burrowing Owl Surveys at Newhall Maintenance Facility and Determine Appropriate Action-Avoidance Measures: Non-Breeding Season (September 1-January 31)	81	- MMRP BIO- CNST-	F-11	: Vol-1, ROD	Determine Baseline Owl Behavior	Conduct Preconstruction Burrowing Out Surveys at Newhall Maintenance Facility and Determine Appropriate Action- Avoilance Measure, Now Deterding Season (Spettmehr 1-a-barray 31) A qualified biologist monitors the own for at least 3 days prior to construction to determine baseline foraging behavior (i.e., behavior without construction).	Newhall Maintenance Facility	D	c	VTA /C	СС	THIS MEASURE IS COMPLETE AND CLOSED. See Q2 2024.	Q2 2024
Biological Resources and Wetlands	Conduct Preconstruction Burrowing Owl Surveys at Newhall Maintenance Facility and Determine Appropriate Action- Avoidance Measures: Non- Breeding Season (September 1-January 31)	82	- MMRP BIO- CNST-	p. F-12	: Vol-1, ROD	Survey Owl Behavior During Construction	Conduct Preconstruction Burrowing Out Surveys at Newhall Maintenance Faitlity and Determine Appropriate Action- Avoilance Measure, Now Dreeding Season (Spetmehr 1-a-barray 13) The same qualified biologist monitors the owls during construction and finds no change in owl foraging behavior in response to construction activities. Monitoring must continue as described here for the non-breeding season as long as the burrow remains active.	Newhall Maintenance Facility	D	с	VTA /C	СС	THIS MEASURE IS COMPLETE AND CLOSED. See Q2 2024.	Q2 2024
Biological Resources and Wetlands	Conduct Preconstruction Burrowing Owl Surveys at Newhall Maintenance Facility and Determine Appropriate Action- Avoidance Measures: Non- Breeding Season (September 1-January 31)	83	- MMRP BIO- CNST-	p. F-13	1 Vol-1, ROD	Cease Construction if Owl Behavior Changes	Conduct Preconstruction Burrowing Out Surveys at Newfull Maintenance Facility and Determine Appropriate Action- Applications Measures. Non-Preeding Security Optophener 1—always 13. If there is any change in owl nesting and foraging behavior as a result of construction activities, these activities will cease within the 250-foot buffer.	Newhall Maintenance Facility	D	с	VTA /C	СС	THIS MEASURE IS COMPLETE AND CLOSED. See Q2 2024.	Q2 2024
Biological Resources and Wetlands	Conduct Preconstruction Burrowing Owl Surveys at Newhall Maintenance Facility and Determine Appropriate Action- Avoidance Measures: Non- Breeding Season (September 1-January 31)	84	- MMRP BIO- CNST-	F-14	1 Vol-1, ROD	Excavate Owl Burrow to Prevent Reoccupation	Conduct Preconstruction Burrowing Out Survey at Newhall Maintenance Facility and Determine Appropriate Action- Avoitience Measures. Now-Preeding Secure Opportment – January 21) If the only are gone for at least 1 week, VTA may request approval from CDVP, USYMS, and SOVM4 for a qualified biologis to execute usable burrows to prevent only form executying the site. After all usable burrows are executed, the buffer zone will be removed and construction may continue. Monitoring must continue as described above for the non-breeding season as long as the burrow remains active.	Newhall Maintenance Facility	D	с	VTA /C	СС	THIS MEASURE IS COMPLETE AND CLOSED. See Q2 2024.	Q2 2024

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	Valley Transportation Authority	MMRP CODE Chrono i	C	IMRP ODE asure #	*	Source Document	Summary	Mitigation Measure	Location	Implementation Timeframe: Design (D)	Timeframe:	Timeframe:Post-	Responsible Party	Compliance Status	2025 Q2	Quarter Mitigation Completed
Biological Resources and Wetlands	Conduct Preconstruction Burrowing Owl Surveys at Newhall Maintenance Facility and Determine Appropriate Action-Avoidance Measures: Non-Greeding Season (September 1-January 31)	85	- MMR BIO- CNST-	F-15		Vol-1, ROD	Maintain Non- Disturbance Owl Buffer Zones	Conduct Preconstruction Burrowing Owl Survey at Newhall Maintenance Failthy and Determine Appropriate Action- Avoidance Measures: Non-Receding Season (September 1- January 13) Construction Monitoring Based on the avoidance, minimization, and monitoring plan developed (sa required above), during construction, VTA will establish and maintain the non-disturbance buffer zones! applicable. A qualified belongs will eminor the tiet consistent with the requirements described above to ensure that buffers are enforced and owls are not disturbed. The biological monitor will also conduct training of construction personnel on the avoidance procedures, buffer zones, and protocols in the event that a burrowing owl files into an active construction zone.	Newhall Maintenance Facility	۵	c	V	/TA /C	cc	THIS MEASURE IS COMPLETE AND CLOSED. See Q2 2024.	Q2 2024
Cultural Resources	Implement Programmatic Agreement and Archaeological Resources Treatment Plan	86	MMR CUL- CNST- A	p		Vol-1, ROD	Implement Programmatic Agreement (PA) and Archaeological Resources Treatment Plan (ARTP)	implements Programmatic Agreement and Archaeological Resources Treatment Flant. A Frogrammatic Agreement (PA) and supporting Archaeological Resources Treatment Flant (Archaeological Resources Treatment Flant (Archaeological Resources Treatment Flant (Archaeological Resources) and will be executed in consultation with interested Native Americans, the California State Historic Preservation (Difficer (SPIO)), the Advisory Council on Nations' Deservation, the California Department of Irrangentation (California) District, 4. the Cities of Sen Jose and Santa Clark, the Pennisula Corridor Jone Powers Stand, and the South Bay Historical Native Society. The PA and ARP will be implemented prior in and dirent genometric professional procession of the Santa Clark (Pa). The ARP Procession Senting Control Con	Program- wide	D	c	v	ıπΑ	κ	VTA is implementing the Archaeological Resources. Treatment Plan (ARTP). Results will be reported to all Consulting Plans (CP) to the Proported on Consulting Plans (CP) to the Proported on Consulting Plans (CP) to the Proported on CP (CP) and CP) and Report. In Q2 2025, archaeological planning and investigations are ongoing.	
Geology, Soils, and Seismicity	Incorporate Design Specifications to Minimize Effects from Liquefaction Hazards	87	- MMR GEO- CNST-	A-01		Vol-1, ROD	Incorporate Design Specifications to Minimize Effects from Liquefaction Hazards	Incorporate Design Specifications to Minimize Effects from Liquefaction Hazards: If BART Extension stations, system facilities, or portions of the alignment are determined to be in areas exceeding pertinent code and standards including the California Building Gode and BART Sacilities Standards Design Circles for Equal-Extension, VTAW will implement the following methods (MMBP-GEO-CNST-A-01 through A-06) during construction to minimize the potential impacts. VTA will determine the exact methods to reduce impacts from liquefaction during final engineering.	Program- wide	D	c	P	/TA /C	κ	This is a summary measure, and has been applied as seen in the mitigation measures MMRP-GEO- CIST-A-OI through A-O6 below.	
Geology, Soils, and Seismicity	Incorporate Design Specifications to Minimize Effects from Liquefaction Hazards	88	- MMR GEO- CNST-			Vol-1, ROD	Use Pile Foundations as a Means of Ground Densification	Incorporate Design Specifications to Minimize Effects from Liquefaction Hazants: *\frac{1}{A} may use pic houndations or equivalent measures as a means of ground densification as a cost-effective mitigation measure for the setsmic liquefaction hazard. *\frac{1}{A} May be a minimized from the setsmic liquefaction hazard. *\frac{1}{A} May be a minimized from the setsmic liquefaction hazard. *\frac{1}{A} May be a minimized from the setsmic liquefaction hazard. *\frac{1}{A} May be a minimized from the setsmic liquefaction hazard. *\frac{1}{A} May be a minimized from the setsmic liquefaction hazard. *\frac{1}{A} May be a minimized from the setsmic liquefaction hazard. *\frac{1}{A} May be a minimized from the setsmic liquefaction hazard. *\frac{1}{A} May be a minimized from the setsmic liquefaction hazard. *\frac{1}{A} May be a minimized from the setsmic liquefaction hazard. *\frac{1}{A} May be a minimized from the setsmic liquefaction hazard. *\frac{1}{A} May be a minimized from the setsmic liquefaction hazard. *\frac{1}{A} May be a minimized from the setsmic liquefaction hazard. *\frac{1}{A} May be a minimized from the setsmic liquefaction hazard. *\frac{1}{A} May be a minimized from the setsmic liquefaction hazard. *\frac{1}{A} May be a minimized from the setsmic liquefaction hazard. *\frac{1}{A} May be a minimized from the setsmic liquefaction hazard. *\frac{1}{A} May be a minimized from the setsmic liquefaction hazard. *\frac{1}{A} May be a minimized from the setsmic liquefaction hazard. *\frac{1}{A} May be a minimized from the setsmic liquefaction hazard. *\frac{1}{A} May be a minimized from the setsmic liquefaction hazard. *\frac{1}{A} May be a minimized from the setsmic liquefaction hazard. *\frac{1}{A} May be a minimized from the setsmic liquefaction hazard. *\frac{1}{A} May be a minimized from the setsmic liquefaction hazard. *\frac{1}{A} May be a minimized from the setsmic liquefaction hazard. *\frac{1}{A} May be a minimized from the setsmic liquefaction hazard. *\frac{1}{A} May	Program- wide	D	с	P	/TA /C	к	Plesse refer to the documentation under MMRP-GEO-CNST-A-66.	
Geology, Soils, and Seismicity	Incorporate Design Specifications to Minimize Effects from Liquefaction Hazards	89	- MMR GEO- CNST-	P- A-03		Vol-1, ROD	Support Parking Garages on Pilles	Incorporate Design Specifications to Minimize Effects from Liquefaction Hazards. *VTA will support parking garages at the stations on piles or equivalent geotechnically sound support. Also see MMMR-GEO-CNST-4-06).	Program- wide	۵	c	P	/TA /C	К	Rese refer to the documentation under MMRP-GEO-CRST-A-96.	
Geology, Soils, and Seismicity	Incorporate Design Specifications to Minimize Effects from Liquefaction Hazards	90	- MMR GEO- CNST-	A-04		Vel-1, ROD	Integrate Subgrade Improvements for Shallow Foundations	Lecoprote: Design Specifications to Minimize Effects from Liquefaction Integrate. 1. For hallow foundations for other peripher facilities around the stations and pavement and parting but, VTA will implement the following if necessary. 1. Use addition in reinfortrament, construction joints, and grade beams. 2. In the station of the	Program- wide	D	c	P	/TA /C	κ	Please refer to the documentation under MMRP-GEO-CNST-A-06.	
Geology, Soils, and Seismicity	Incorporate Design Specifications to Minimize Effects from Liquefaction Hazards	91	MMR GEO- CNST-	p- A-05		Vol-1, ROD	Mitigate Liquefaction- Related Uplift of Underground Facilities	inconports Design Specifications to Minimize Effects from Liquefaction Naturds. To militate potential Expediction Naturds (1997) and Natification Stated Design Specification Specificat	Program- wide	D	c	P	/TA /C	κ	Please refer to the documentation under MMRP-GEO-CNST-A-06.	
Geology, Soils, and Seismicity	Incorporate Design Specifications to Minimize Effects from Liquefaction Hazards	92	MMR GEO- CNST-	A-06		Vol-1, ROD	Consider Other Liquefaction Hazard Miligation Measures	Incorporate Design Specifications to Minimize Effects from Liquefaction Hazards: Other liquefaction hazard miligation measures used in previous BART projects that may be considered for the BART Extension are as follows. Output Control of the Con	Program- wide	D	c	P .	/TA /C	IC.	The four contract packages and current design status is as follow: for CP-1 Systems, CP-3-Newhall Tard/Santa Clars Station, and CP-4 Underground Stations, a force of Systems, CP-3-Newhall Tard/Santa Clars Station, and CP-4 Underground Stations, a forcer as Engagering Communitate (CP-0.1 Packages) for CP-2 Tomela and Tardwork: for CP-2 Tomela many that the CP-2 force of the System of the support of the support of the puldewalls for the tument structure. Liquefaction hazards have been analyzed in the CP2 Ground Motions Report for Pre-Cast Tunnel Lincer (CTL) and Geotechnical interpretive Report for Turnels, and mitigations for inqueriation have been assessed in the Ground Improvements Recommendation Report. Turneling and personal procuration requiring Equalication controls has not begin. This measure will be applied in future quarters.	

	Valley Transportation Authority	MMRP CODE Chrono #	MN CO Meas	DE	Source Document	Summary	Mitigation Measure	Location	Implementa Timefram Design (D	2:	Timeframe: Construction (C)	Responsible Party	Compliance Status	2025 Q2 Quarter Mitigation Completed
Geology, Soils, and Seismicity	Implement Preconstruction and Post-construction Building Condition Surveys for Settlement	93	MMRP- GEO- CNST-	B-01	Vol-1, ROD	Conduct Preconstruction Building Condition Surveys	Implement Preconstruction and Post-construction Building Condition Surveys for Settlement. 174 will conduct preconstruction building condition survey of the interiors and exterior in of select structures, both biotics and on-on-blator ic buildings, within the settlement trough along the turned alignment and within the limit of influence around the cut-of-cover exercision to assess the bearing condition of early properly that could be effected by project-induced and cover exercision to assess the bearing condition of the effect of the project-induced and photos of any cracks. VTA will also conduct past construction building condition surveys of the same structure. VTA will compare the results of these surveys with the preconstruction conditions surveys but any construction-related effects of tunneling and cut-and-cover construction on structures can be assessed. For the cut-and-cover carditivities, surveys will be performed prior to any construction in the cut-and-cover over-function of the turned as Turnel Boring Machine (TBM), surveys will be performed prior to passage of the TBMs, with some surveys conducted once tunneling has commenced.	Program- wide	D		c s	VTA /C	KC .	The four contract packages and current design status is as follows: For C-1 Systems, C-3-Newmal Yard/Sarka Los Sastion, and CP-4 Underground Stations, a General Engineering Consultant (GEC) has been selected and a preparing the three Design-Bid- Biologians, specification, and estimate (DSB) packages. For CP-2 Tunnel and Trackwort: For CP-2 Tunnel and Trackwort: VIX performed exterior and interior surveys at 3 historic properties in Q1 2024, in Q1 2025, all pre- construction reports for historic properties were finalized. In Q2 2025, no surveys or pre- construction reports were prepared.
Geology, Soils, and Seismicity	Implement Preconstruction and Post-construction Building Condition Surveys for Settlement - Historic Buildings	94	MMRP- GEO- CNST-	B-02	Vol-1, ROD	Prepare Condition Assessment Reports for Historic Buildings	applement Precentruction and Pest construction building Condition Surveys for Settlement. Historic Buildings: for Mistoric Instructive the Condition Asserted Report, in accordance with Section 160; will be presented along with the preconstruction building condition surveys. Results will be used by a structural engineer in coordination with the historic Condition of the Condition Surveys. Results will be used by a structural engineer in coordination with the historic conditions of the Condition	Program- wide	D		c s	VTA /C	KC .	The four contract packages and current design status is as follows: For CP 1 Systems, CP3-Alexenal Yard/Sarka. Line Station, and CP4 Underground Stations, a General Engineering Consultant (GEC) has been selected and is preparing the three Design-Bid- Biddig Pans, specification, and estimate (PSEE) packages. For CP-2 Tunnel and Trackwork: In Q1 2025, all pre-construction reports for historic properties were finalized. In Q2 2025, no toxyrep or pre-construction reports used prepared.
Geology, Soils, and Seismicity	Monitor Ground Surface during Tunneling Activities	95	- MMRP- GEO- CNST-C	-	Vol-1, ROD	Monitor Ground Surface During Tunneling Activities	Monitor Ground Surface during Tunneling Activities: The contractor will conduct ground surface monitoring prior to and feet funneling by thereast lead surveyors. The contractor will mount survey monitoring points on potentially affected structures and representative historic buildings, including the most susceptible structures, select utilities susceptible to settlement, and in representative location immediately adjacent to stream within the settlement rough long the funnel alignment to monitor ground movements and effects of funnel boring. The contractor must obtain approval from VTA and her hostoric QP to mail salp monitoring devices or crack guege on or in bisnotic buildings that require aftertion of the building. The contractor will provide settlement monitoring data to VTA immediately upon completion of the field survey and use the data to assist in minimizing adverse effects along the tunnel alignment.	Program- wide	D		c	VTA /C	к	The retevant contract packages and current design status is at follows: For CP-1 Systems, CP-3-NewPal Yard/Safes, Lost Sations, and CP-4 Underground Stations, a General Engineering Consultant (GEC) has been selected and is preparing the three Design-Bid- Biddle plans, specification, and estimate (FSAEI) packages. For CP-2 Tunnel and Trackwort: In Q2 2023, West Tunnel Portal construction continued with exeruation and guidewall construction for the support of excavation (SOEI) of the tunnel structure. Bioseline selfement construction for the support of excavation (SOEI) of the tunnel structure. Bioseline selfement to the West Tunnel Portal or september of the SoeI CP
Geology, Soils, and Seismicity	Monitor Settlement Effects around Cut-and-Cover Excavations	96	- MMRP- GEO- CNST- D	-	Vol-1, ROD	Monitor Settlement Effects around Cut-and Cover Excavation	points will be field surveyed by licensed land surveyors at a frequency determined by the preconstruction buildings survey or Condition Assessment Report (for Institute). Buildings, 1 the contactor will provide settlement field survey monitoring data to VIA immediately upon completion of the field survey. The data will be used to direct real-time modifications to shoring and ground treatment practices and procodures as appropriate to minimize adverse effects within the limit of influence around the cut-and-cover excavations.	Program- wide	D		с	VTA /C	ίĊ	The relevant contract puckages and current design status is at follows: For CS 15/ptems, CS-Abenella WorkSend. Lost station, and CS-Vulndergound Stations, a General Engineering Consultant (GICT) has been selected and is preparing the three Design-Bild- Bild plans, specification, and estimate (PS&E) puckages. For CP-2 Tunnel and Trackwork: is 102.8026, this measure did not apply because underground cut and cover stations construction has not commenced.
Geology, Soils, and Seismicity	Implement Preconstruction Condition Surveys for Utilities	97	- MMRP- GEO- CNST-E	-	Vol-1, ROD	Implement Preconstruction Condition Surveys for Utilities	Implement Preconstruction Condition Surveys for Utilities: The contractor will conduct preconstruction condition surveys of utilities deemed to be potentially at risk due to surface settlement or ground movement at BART Stension and TOID sites. The contractor will monitor major utilities deemed to be at risk during construction and will coordinate with utility providers prior to installation of utility monitoring points.	Program- wide	D		c	VTA /C	к	The relevant contract packages and current design status is as follows: For CP stytems, CP-shewalt Yan/Sahsu. Lors Sation, and CP-d Underground Stations, a General Engineering Consultant (GEC) has been selected and is preparing the three Design-Bid- Bidla plan, specification, and estimate (PSEE) packages. For CP-2 Tunnel and Trackwork: in Q2 2025, West Tunnel Portal construction continued with exerustion and guidewall construction for the support of excussions (SDE) of the tunnel structure. Nearby utilities were evaluated for surface settlement and ground movement. Continuous and spot vibration monitoring is performed at locations where vibration and/or settlement may impact utilities, in coordination with the utility providers.
Geology, Soils, and Seismicity	Minimize Excavation Bottom Failure Impacts	98	- MMRP- GEO- CNST-F	-	Vol-1, ROD	Minimize Excavation Bottom Failure Impacts	Melinitie Ecravition Bottom Railure Impacts: if execution bottom fails due to bottom heave, piping, or blow-out, the contractor will implement the following necuruse. *Remove water found in the pervious sand layer via demantering. *Remove water found in the pervious sand layer via demantering. *Install deep sheeting. The sheep tell previal pad for function as a cut-off to prevent sand boiling at the bottom of excavation due to excessive hydrostatic pressure within the loss soils. *Based on the borning data, encountering of the loss soils at the foundation subgrade may be anticipated at isolated locations for excavation of the stations. Deeper shoring may be required to peretarte through the aquifer to prevent the excurrence of the sand fooling condition. The goal initing input was to be considered under this condition of drivability of soil and the properties of the properties of the properties of the sand to the condition of drivability of soil in the properties of the sand to the	Program- wide	D		c s	VTA /C	К	The relevant contract packages and current deelign status in as follows: For CP-1 Systems, CP-3-Neward Warr(Sarkan, Lore Sation, and CP-4 Underground Stations, a General Engineering Consultant (GEC) has been selected and in preparing the three Design-Bid- Biddip San, sportCanison, and estimate (PS&E) packages. For CP-2 Tunnel and Trackwork: This measure did not apply in Q2 2025 because underground tunnels and stations construction has not commenced.

	Valley Transportation Authority	MMRP CODE Chrono#	MN CC Meas	DE	Source Document	Summary	Mitigation Measure	Location	Implementation Timeframe: Design (D)	Timeframe: Construction (C)	Timeframe:Post- Responsible Party	Compliance Status	2025 Q2	Quarter Mitigation Completed
Geology, Soils, and Seismicity	Minimize Disturbance of Sensitive Deposits at the Excavation Subgrade	99	- MMRP- GEO- CNST- G	-	Vol-1,ROO	Minimize Disturbance of Sensitive Deposits at the Excavation Subgrade	Minimize Disturbance of Sensitive Opposits at the Excavation Subgrades in a reas where city and saturated sand deposits are sufficiently disturbed during construction activities at the footnom of an execution and soft and bose saturated soil deposits are encountered. VTA will ensure that the contractor constructs working platform as described below. Over-executed 2 factors below the entire subgrade. Backfill the over-executation with Class 2 Aggregate Base, Structural Backfill, or other bridging material. Overlap the ends of the geotestale fabric on top of the bridging material for a minimum distance of 2 feet.	Program- wide	۵	c	VTA /C	κ	The relevant contract packages and current deeign status is as follows: For CP-1 systems, CP-3-Merval 1 var(5)-Amel Lord Sation, and CP-4 Underground Stations, a Genical Engineering Coroutlant (GIC) has been selected and a preparing the three Design-Bid- bids plans, specification, and estimate (PSSE) packages. For CP-2 Tunnel and Trackwork: In 20 2055, over-executions and ground improvements, such as Class 2 Aggregate Base, were utilized to provide stable foundations for working platforms and were completed for the tripping frame foundation, oncerte batch plant, cutter soil mining (CSM) equipment, and detertion basin. West Turnel Portal construction began in April with excavation and pulcewall construction for the support of excavation (DOI) of the turnel structure.	
Geology, Soils, and Seismicity	Incorporate Design Specifications to Milnimize Effects from Expansive Soils	100	- MMRP- GEO- CNST- H	-	Vel-1, ROD	Incorporate Design Specifications to Minimize Effects from Expansive Soils	Incorporate Durley Specifications to Minimize Effect from Expansive Soils: VTA will ensure that the following severifications are so reconstructed into the Soil ST Extensive froid and ensurement of the soil severified production of the soil of the soil severified production of the soil of the soil severified production of the soil severified pr	Program- wide	۵	c	VTA /C	ic	The relevant control package, and current design status is at follow: OF 0.5 1 pf.mm. 2-2 Newnal hard/bins. Clas Station, and CPO student pround Stations, a General Engineering Consultant (GCI) has been selected and is preparing the three Design-Bild- Build plan, specification, and estimate (PSAE) packages. For CP-2 Tunnel and Trackwort: In Q2 2025, over-ecusations and ground improvements, such as Class 2 Aggregate Base, were stitled to produce the construction of the construction and guidewall construction for the support of excavation (SOE) of the tunnel structure.	
Geology, Soils, and Seismicity	Stop Construction if Paleontological Resources are Discovered and Determine Appropriate Action	101	- MMRP- GEO- CNST-I		Vel-1,ROD	Stop Construction if Paleontological Resources are Discovered	opo Construction if Pelecontological Recources are Discovered and Determine Appropriate Action: if suspected paleontological recources are encountered during grading on alls preparation activities, the constructor with half all work in the immediate vicinity of the find until a qualified paleontologist can evaluate the find and make recommendations. Pelecontological recorder materials may include resources use the fossis, plant integration, or, animal tracks preserved in rock. If the qualified paleontological resources are the discovery represents a potentially significant paleontological resource, additional investigations and collect recovery may be required to mitigate actives impacts from implementation materials are determined to be not significant.	Program- wide	O	c	VTA /C	IC.	The four contract packages and current design status is a follows: For CF-1 Systems, OF-3 Newhall Yard/Shara Icla Station, and CP-4 Inderground Stations, a General Engineering Consultant (GIC) has been selected and is preparing the three Design-Bid- Bidling bias, specification, and estimate ISFSAB packages. For CP-3 Turnel and Trackwork: For CP-3 Turne	
Greenhouse Gas Emissions	Implement Energy Efficiency Measures (TOJD)	102	- MMRP- GHG-A	-	Vel-1, ROD	Implement Energy Efficiency Measures (TOJD)	Implement Energy Efficiency Measures (for TOID): TOID energy efficiency shall be 15 percent better than the 2013 Title 24, Part 11 requirements or shall meet the Title 24, Part 11 requirements that are applicable at the time of issuance of the building permits for individual phases, whichever is more stringent.	TOJD		С	VTA /C	IC	TOD is not included in CP1 through CP4. Once TOD contracts are underway these measures will be addressed.	
Greenhouse Gas Emissions	Participate in Food Waste Programs (TOJD)	103	- MMRP- GHG-B	-	Vol-1, ROD	Participate in Food Waste Programs (TOJD)	Participate in Food Waste Programs (for TOID): Restaurants shall be required to participate 100 percent in any extant City food waste programs. This mitigation measure shall be included as a mandatory performance standard for all agreements with developers of the TOIDs. Utilize Electrical Landscaping Equipment (for TOID): TOIDs shall include installation of electrical outlets near all	TOJD			P VTA /C	ю	TOD is not included in CP1 through CP4. Once TOD contracts are underway these measures will be addressed. TOD is not included in CP1 through CP4. Once TOD contracts are underway these measures will be	
Greenhouse Gas Emissions	Utilize Electrical Landscaping Equipment (TOJD)	104	- MMRP- GHG-C	-	Vol-1, ROD	Utilize Electrical Landscaping Equipment (TOJD)	Utilize Electrical Landscaping Equipment (for TUD): 10.01s shall include installation of electrical outlets near all maintained indirecting areas to allow for the use of electrical landscaping equipment. This mitigation measure shall be included as a mandatory performance standard for all agreements with developers of the TOIDs. Provide Preferential Parking for Electric Vehicles (for TOID): TOIDs shall provide preferential parking in all parking lots for	TOJD	D		VTA /C	IC	TOD is not included in CP1 through CP4. Once TOD contracts are underway these measures will be addressed. TOD is not included in CP1 through CP4. Once TOD contracts are underway these measures will be	
Greenhouse Gas Emissions	Provide Preferential Parking for Electric Vehicles (TOJD)	105	- MMRP- GHG-	D-01	Vol-1, ROD	Provide Preferential Parking for Electric Vehicles (TOJD)	Provide Preferential Parking for Electric Vehicles (for TOID): 1010s shall provide preferential parking in all parking dost for detective chelicis and shall also provide thraping equipment. as follows (MMRS-PG-O-Q-2 through D-O3). This mitigation measure shall be included as a mandatory performance standard for all agreements with developers of the TOIDs. Provide Preferential Parking for Electric Vehicles- TOID Residential Use: A total of 10 percent of the required parking	TOJD	D		VTA /C	IC	addressed.	
Greenhouse Gas Emissions	Provide Preferential Parking for Electric Vehicles (TOJD Residential)	106	- MMRP- GHG-	D-02	Vel-1, 800	Provide Preferential Parking for Electric Vehicles (TOJD Residential)	spaces shall be provided with a listed cabinet, box, or enclosure and connected to a conduit that finis the parking spaces to the electrical service in a namera approved by the building and safety official. Of the listed cabinets, boxes, or enclosures provided, 50 percent shall have the necessary electric vehicle supply equipment installed to provide active charging stations that are ready for use by residents. The reminder shall be installed at such time as they are needed for use by residents. Electrical vehicle batteries and charging technology may change substantially over the next 15 years. As which, the local jurisdiction shall have the discretion to modify the specific requirements for this measure over time, provided that 30 percent of the spaces have electrical service and 5 percent have active charging, depending on what the technology at the time requires.	TOJD	۵		VTA /C	к	TOD is not included in CP1 through CP4. Once TOD contracts are underway these measures will be addressed.	
Greenhouse Gas Emissions	Provide Preferential Parking for Electric Vehicles (TOJD Commercial)	107	- MMRP- GHG-D	D-03	Vol-1, ROD	Provide Preferential Parking for Electric Vehicles (TOJD Commercial)	Provide Preferential Parking for Electric Vehicles - TOID Commercial Use: New commercial uses shall provide the electrical service cappion recessary as well as all conduits and related equipment necessary to survez percent of the parking spaces with charging stations. Of these parking spaces, 30 percent shall initially be provided with the equipment necessary to function as online charging stations upon completion of development. The remainder shall be installed at such time as they are needed for use by customers, employees, or other users. Electrical vehicle batteries and charging excluding may shall be shall be about the shall be stationed as which the load justices which the load principle with all the three class which the load justices which the load principle with all the three class of the shall be shal	TOJD	D		VTA /C	к	TOD is not included in CPI through CPI. Once TOD contracts are underway these measures will be addressed.	

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	Valley Transportation Authority	MMRP CODE Chrono	-	MMRP CODE easure	Source Document	Summary	Mitigation Measure	Location	Implementation Timeframe: Design (D)	Timeframe: Construction (C)	Timeframe:Post-	Compliance	3 5 5 7 7	Quarter Mitigation Completed
Hazardous Materials	Prepare Remedial Action Plans	108	- MMI HAZ- CNSI A		- Vel-1, ROD	Prepare Remedial Action Plans	Prepare Remedial Action Plans. Pior to construction, VTA will prepare new and/or amended remedial action plans (RAPs) for the BART Exension, which will be approved by the Regional Water Quality Central Board (BWCCB). The RAPs will satisfy the key objectives of the Contaminant Management Plan (CMP) (e.g., characterization of soil and ballist quality relative to the maximum acceptable contaminant levels for reseal and incorporate measures for managing and reatments) as deferred as the contaminant of the properties for managing and reatments) as deferred as the contaminant of the properties for managing and reatments of the activity of the properties for the properties fo	Project wide	D			KC	The Remedial Action Plan for the entire SIVI Project which includes tunned (CP-2), stations (CP-3) and maintenance yed (CP-4), was approved by the MWQG for use on 81/2021 VAC CP-2 Contractor, KSTIV, as per the requirements of the Contaminant Management Plan and Remedial Action Plan, have bushinted a Contaminant Management and Doposal Plan (MDM) which provides guidelines on how Contractor will manage, handle, treat and dispose previously identified contaminated Planadous materials found within the project inst. The CMDP has been approved analytical data from Downtown San Jose, Dirdon, and 28th Street. For CP-2 Tannel and Trackwork: For CP-2 Tannel and Trackwork	
Noise and Vibration	Incorporate FTA Criteria Compliant Construction Noise and Vibration Specifications	109	- MM NV CNS A		- Vol-1, ROD	Incorporate FTA Criteria Compliant Construction Noise and Vibration Specifications	Incorporate ITA Criteria Compiliant Construction Noise and Vibration Specifications: VTA will incorporate a comprehensive construction noise and vibration specification into all construction bid documents requiring compiliance with TPA criteria. VTA will emphasize the existence and importance of noise and vibration control specifications at pre-bid and preconstruction conferences.	Project wide	D	С		Ю	The four contract packages and current design status is as follows: For CP-Lystems, CP-3 Newholl lead Senta Cars Sation, and CP-4 Underground Stations, a General Engineering Comultains (CG) has been exiected and is preparing the three Design-Bid- Build plan, specification, and estimate (PAE) packages. For CP-2 Timend and Trackwork: Section 0.8 120 Noise and Vibration Control has been included in the project specifications and is provided in all bid documents. THIS MEASURE IS COMPLETE FOR CP2. See Q2 2024.	
Noise and Vibration	Locate Equipment as Far as Feasible from Sensitive Sites	110	- MM NV CNST	V-	- Vol-1, ROD	Locate Equipment as Far as Feasible from Sensitive Sites	Least Equipment as far as Fessible from Sensitive Sites: The contractor will locate stationary equipment, such as generators and conspressors as far as Fessible from noise and vertication sensitive site and will acousticative there are such as the sensitive site of the same of necessary.	Project wide		c		ic	The four contract packages and current design status is as follows: for CP-1 Systems (P-2)-Newhalf and SALIA cala Salian, and CP-4 Underground Sations, a General Engineering Consultant (GEC) has been selected and is preparing the three Design-Bid- Biddild plan, specification, and estimate (PSEE) packages. For CP-2 Tunnel and Trackwork: In C2 2025, West Tunnel Portal construction continued with equipment mobilization, guidewall excivation, excertion and laying foundations for tripping frames, concrete batch plant, maintenance, and desander pads, and utilities installation. All stationary equipment has been contacted as far as fascile forom noise and viviation sensitives in Co. Growth both plant, maintenance, and desander pads, and utilities installation. All stationary equipment has been contacted as far as fascile forom noise and viviation sensitives in Co. Growth both plants, more stand pumps have been placed as far away from sensitives sites as fasishis, and a soundwall has been constructed along the positivestion perimeter of the site adjacent to the tunnel structure to further reduce noise impacts.	
Noise and Vibration	Construct Temporary Note Barriers	111	MM NV CNST	V-	- Vol-1, 80D	Construct Temporary Noise Barriers	Section 2 Emperory Notes Burriers: The contractive will install temporary noise burriers or moles control blankels in sense such expertance received in the process of the control burriers are reduced construction noise by \$1.0 ± \$611, depending on the height of the burrier and the placement of the burrier. To be most effective, the control will place the burrier as close as possible to the noise source of the sensitive received. The process of the placement of the particularly effective because they can be easily moved as work progresses to optimize performance. If temporary noise burriers and site layout on for result in compliance with the noise time, the contractor may consider retrofitting existing windows and doors with new acoustically rated units for the residential structures.	Project wide; 28TH Street/Little Portugal (Alum Rock)	D	c		IC	The flow context packages and covered dege status is at follows: for QS Systems (PS-Peneally Mac PS) and East Soulons and QS Hudderground Stations, a General fingineering Consultante (FGC) has been selected and is preparing the three Design-Bid- Builds plan, specification, and estimate (FSGE) packages. For CP-2 Tunnel and Trackwork: Quarterly updates to the Construction Notice and Vibration Monitoring Plan (CNVMP) list the construction selective, notice levels, and measures baten to keep rosise and vibration levels within the applicable thresholds. The notice barrier's planned curtain construction along the southwestern portion of the site adjacent to the tunnel structure began in May 2025 and will be approximately 3.130 feet long, with 190 feet of the sound curtain will be 20 feet call around the Catellins shaft (CAT wild) and the remaining 2.170 feet will be 3 feet light). Construction of the sound curtain continued through Q2 2825 and will be completed in early (Q3 2825). Doly noise monitoring is performed to verify wherement is noise thresholds.	
Noise and Vibration	Operate Equipment to Minimize Annoying Noise and Vibration	112	- MMM NV- CNST		- Vel-1, ROD	Operate Equipment to Minimize Annoying Note and Vibration	Operate Equipment to Minimize Annoying Notes and Vibration: Contractors will implement the following measures: Live electric instead of disea-powered equipment, hydraulic book instead of pneumatic impact tools, and electric instead of air- or gasoline-driven saws, where feasible. Live an augering offine "of presting lipids in live of impact pile drivers, where feasible. Operate equipment so as to minimac banging, citiering, fuzzing, and other annoying types of notices, especially near Turn of I dising explainment, whenever possible. Line haut trusk beds with rubber or and to reduce noise, if needed and requested by VTA. Line or cover hoppers, conveyor trustries points, storage bins, and drubes with sound-deadening material. During nighttime and weekends, use strobe warning lights and/or back-up observers during any back-up operations, where permitted by the local jurisdiction.	Program- wide		c	VT /C	Å K	The four contract packages and current design status is a follows: For CP-1 Systems CP-3-Newhalf war Zhanta Clas Sations, and CP-4 Underground Stations, a General Engineering Consultant (GEC) has been selected and a preparing the three Design-Bid- Build plan, specification, and estimate (FSE) packages. For CP-3 Tannels and Trackwork: For CP-3 Tannels Partal construction continued with equigment mobilization, guidewall excavation, excavation and bying foundations for tripping frames, concrete batch plant, maintenance, and desander pads, and utilities installation. Spot checks by child and environmental respections have confirmed the following measures have been implemented: - Augering Griff for certeing plais is being used in least of Impact plie of where, where feasible. - Augering Griff for for setting plais is being used in least of Impact plie of where in the properties of the CP of the	

	Valley Transportation Authority	MMRP CODE Chrono #	MMR CODE Measur	Source Document	Summary	Mitigation Measure	Location	Implementation Timeframe: Design (D)	Timeframe: Construction (C)	Responsible Party	Compliance Status	2025 Q2	Quarter Mitigation Completed
Noise Vibrati	Route Construction Trucks along Truck Routes Least Disturbing to Residents	113	- MMRP- NV- CNST-E	- Vel-1, ROD	Route Construction Trucks along Truck Routes Least Disturbing to Residen	Route Construction Tracks along Truck Routes Least Disturbing to Residents: The contractor will route construction- related truck traffic along truck routes and roadways that would cause the least disturbance to resident. The contractor will by out loading and unloading zones to minimize truck idling near sensitive receptors and to minimize truck reversing so back-up alarms are minimized near residences.	Program- wide		c	VTA /C	ic	The four contract packages and current design status is a follows: for CP-1 Systems, CP-3 Newhal Yard, Falsan Cara Sation, and CP-4 Underground Stations, a General Engineering Consultant (GCC) has been selected and is preparing the three Design-Bid- Bidling bas, specification, and estimate (FSKB) packages. For CP-2 Tunnel and Trackwork: an Q2 2025, Mer Lamel Partal construction continued with equipment mobilization, guidenvall excavation, excavation and laying foundations for tripping frames, concrete batch plant, maintenance, and Searader packs, and utilize installation. Trick loading/unloading zones followed routes approved in the CTMP to minimize disturbance to residents.	
Noise Vibrati	Secure Steel and Concrete Plates over Excavated Holes and Trenches	114	- MMRP- NV- CNST-F	- Vel-1, ROD	Secure Steel and Concrete Plates over Excavated Holes and Trenches	Secure Steel and Concrete Plates over Exeavated Holes and Trenches: The contractor will secure steel and/or concrete plates over exeavate holes and trenche to reduce rating when wholes gas over (morphisms are revewed, the contractor will use thicker plates, suffer beams beneath the plates, and/or rubber gaskets between the beams and plates to further reduce ratting noise and vibration.	Program- wide		с	VTA /C	ιc	The four contract pickages and current design status is as follows: For CP-1 System, 27-Al-evahal Yard/Shan Clara Sation, and CP-1 General Engineering Consultant (GCL) has been selected and is preparing the three Design-Bid- Biddlip fairs, specification, and estimate (SGL) plackages. For CP-2 Turnel and Trackwork:	
Noise Vibrati	Use Best Available Practices to Reduce Noise and Vibration	115	- MMRP- NV- CNST- G	- Vel-1, ROD	Use Best Available Practices to Reduce Noise and Vibration	Use text Available Practices to Reduce Note and Vibration: The contractor will use the best available practices to reduce potential for exceedances on one and vibration criteria lost oconstruction schickles. This may require the use of equipment with special enhances islencers, construction of temporary enclosures or noise barriers around activities, and tracks for the tracked vehicles to be in good condition.	Program- wide		c	VTA /C	ĸ	The four contract packages and current design status is a follows: For CP-1 Systems, CP-3-Revehal's Varification Clara Station, and CP-41 Inderground Stations, a General Engineering Consultant (GCL) has been selected and is preparing the three Design-Bid- Biological packages. For CP-2 Tunnel and Trackwork: in Q2 2025, West Tunnel Portal construction continued with equipment mobilization, guidewall exacusation, excession and laying Goudactions for tripping frames, concrete batch plant, constructions of the CPC of the	
Noise Vibrati	Adhere to Local Jurisdiction Construction Time Periods, to the Extent Feasible	116	- MMRP- NV- CNST- H	- Vel-3, ROD	Adhere to Local Jurisdiction Construction Time Periods	Adhere to local Juridiction Construction Time Periods, to the Extent Feasible: The contractor will athere to local juridiction construction time periods, to the extent Feasible, recogning that nightness and weekend construction may be necessary and/or preferred by VTA and local juridictions to reduce other related environmental effects such as traffic. VTA will coordinate with the cities of an issue and start fails on construction operations during nightness and evekends, and where Feasible athere to local ordinates. San local Ordinates 20348, 2059 testitest construction to between 7 a.m. and 6 p.m. on weekdays, and between 9 a.m. and 6 p.m. on Saturday.	Program- wide		c	VTA /C	ιc	The four contract packages and current design status is a follows: For CP-1 Systems, CP-3-Newhal Yard, Fanal Cara Sation, and CP-4 Underground Stations, a General Engineering Consultant (GCC) has been selected and is preparing the three Design-Bid- Bidlaid plan, specification, and estimate (FSSA) packages. For CP-2 Tunnel and Trackwork: Guarterly updates to the Construction Noise and Vibration Monitoring Plan (CNVMP) list the construction activities, noise levels, and measures taken to keep noise and vibration keets within construction activities, noise levels, and measures taken to keep noise and vibration keets within the applicable thresholds. The CNNMP Update can be found in the propert folder 10-315 NV- Noise & Witration. The Construction Transportation Management Plan (CTNM) for CP2 Early Wors- west Turner Portal has been approved and includes the approved work hours. In Q2 2055. West Turner Portal has been approved and includes the approved work hours, In Q2 2055. West Turner Portal has been approved and includes the approved work hours, and was approved by VTA. Daily noise monitoring is performed to verify adherence to noise thresholds.	
Noise Vibrati	Perform Preconstruction Ambient Noise Measurements at All CSAs	117	- MMRP- NV- CNST-I	- Vel-3, ROD	Perform Preconstruction Ambient Noise Measurements at Construction Staging Areas (CSA)	Ferform Preconstruction Ambient Noise Measurements at All CSAs: The contractor will perform preconstruction ambient noise measurements at all construction staging area, which include the tunnel portals, stations, and mid-unuel wentilation sites. These measurements will document the noise environment just prior to start of construction at representative locations along the alignment. These measurements will be performed continuously over a minimum of 10 days (240 hours).	Program- wide	D		VTA /C	ıc	The four contract packages and current design status is a follows: For CP-1 System, CP-3-Revehal Vard/Santa Cura Sation, and CP-4 Underground Stations, a General Engineering Consultant (ECC) has been selected and is preparing the three Design-Bid- Ballad plan, specification, and estimate (ESCB) packages. For CP-2 Turnel and Tracksortic For CP-2 Turnel and T	
Noise Vibrati	implement a Construction Noise Control and Monitoring Plan	118	- MMRP- NV- CNST-J	- Vel-1, ROD	Implement a Construction Noise Control and Monitoring Plan	Implement a Construction Noise Centrol and Monitoring Plant: The contractor will submit a Noise Control and Monitoring Plant to VTA for approach. The plan will be represented by a qualified counsited impries whose qualifications and proposed noise control and monitoring activities. Will be subject to approval of VTA prior to construction activities. The contractor will update the Noise Control and Monitoring Plant every a monitoring and proposed construction equipment and site layout, the projected noise levels, and the noise mitigation measures that may be required to comply with the noise limits for each sensitive receptor. The Noise Control and Monitoring Rim Will about outline the monitoring equipment and procedure the contractor will use to perform noise measurements and to dentify considerable control and work of the control actor will use to perform noise measurement and to dentify control actor will use to perform noise measurement to extend the control actor will use to perform noise measurement to extend the control and work of the noise measurement for actors. The control is not the control and work of the noise measurement for actors of the control and work of the control and Monitoring Rin are implemented.	Program- wide	P	с	VTA /C	к	The four contract packages and current design status is a follows: For CP-1 System, CP-3 Newhall Yard/Shana Cura Sation, and CP-4 Underground Stations, a General Engineering Consultant (ECC) has been selected and is preparing the three Design-Bid- Biolic plans, specification, and estimate (FSAE) packages. For CP-2 Tunnel and Trackwork: Guarterly updates to the Construction Notes and Vibration Monitoring Plan (CNVMP) and the Construction Notes and Vibration Control Plan (CNVCP) int the construction activities, noise levels, and measures taken to keep noise and vibration levels within the applicable thresholds. Duly construction Notes and Vibration Control Plan (CNVCP) and is provided to VTA each week. In Q2 2025, no construction related noise exceedances occurred.	

	Valley Transportation Authority	MMRP CODE Chrono i	MN CO # Meas	DDE	Source Document	Summary	Mitigation Measure	Location	Implementation Timeframe: Design (D)	Timeframe: Construction (C)	Timeframe:Post- Responsible Party	Compliance Status	2025 Q2	Quarter Mitigation Completed
Noise and Vibration	Require Minimum Qualifications for the Acoustical Engineer	119	- MMRP- NV- CNST-K		Vel-1, ROD	Require Minimum Qualifications for the Acoustical Engineer	Require Minimum Qualifications for the Acoustical Engineer. The minimum qualifications for the Acoustical Engineer will be a Backelor of Storeco or Engineering degree, from a qualified program in engineering or physics offered by an accredited university or college, and 5 years in noise control engineering and construction noise analysis.	Program- wide	D	c	VT.	ic ic	The four contract packages and current design status is a follows: For CP-1 Systems, CP-3 Nebrally Yard/Shaci Lur Sation, and CP-4 Underground Stations, a General Engineering Consultant (GIC) has been selected and is preparing the three Design-Bid- Bids [pass, specification, and estimate [PSE] packages. For CP-2 Tunnel and Trackwort: to CP-202, the CP-2 Contractor submitted and approved the qualifications of an Acoustical Engineer in accordance with this measure. THIS MEASURE IS COMPLETE FOR CP2. See Q2 2024.	
Noise and Vibration	Prohibit Operation of Moise- Generating Equipment Prior to Acceptance of Moise Control and Monitoring Plan	120	- MMRP- NV- CNST-L		Vol-1, ROD	Prohibit Operation of Noise-Generating Equipment Prior to Acceptance of Noise Plan	Prohibit Operation of Moise-Generating Equipment Prior to Acceptance of Noise Control and Monitoring Plan: The contractor will not Operate noise-generating equipment at the construction site prior to acceptance of the Noise Control and Monitoring Plan.	Program- wide		c	VTA /C	ic ic	The four contract packages and current design status is a follows: For CP-1 System, 2-Al-evenhal Yand-Kana Cara Sation, and CP-4 Underground Stations, a General Engineering Consultant (GCC) has been selected and is preparing the three Design-Bid- Bidling Jans, specification, and estimate (FSEA) packages. The CP-2 Construction Noise and Vibration Monitoring Plan (CNVMP) and the Construction Noise and Vibration Control Plan (CNVCP) were excepted prior to the start of construction. For CP-2 Turnels and Tackwork: in Q2 2005, West Yunnel Portal construction continued with equipment mobilitation, guidewall excepted on the CNVCP of the CN	
Noise and Vibration	Install Long-Term Noise Monitors at CSAs during all Construction Phases	121	- MMRP- NV- CNST-	M-01	Vel-1, ROD	Install Stationary Long- Term Noise Monitors at Construction Staging Areas (CSA)	heald Long-Term Notice Monitors at CSAs during all Construction Phases. The contractor will must autionary notice monitors as all construction staging areas, which include the tume plants, stations, and end unner well-affant or its, during all the construction phases. Note sampling will be performed continuously at representative monitoring locations areas the most sensitive receptor at each bocation. A minimum of two sationary monitors will be required at the Downtown San Jose Station and Diridon Station locations. The monitoring locations may be moved as the construction work progresses. If required, additional notice monitoring listory, who is deadly by the V174 to address any specific situation or concern. At the Alum Rock/28th Street Station and the West Portal staging area, stationary notice monitoring will also be active to the staging area, the contraction and the V18th of the stage of the production construction activities are closest to the sensitive receptors. All data gathered by the contractor will be continuously available to V1A and submitted weekly to V1A for approval.	Program- wide	D	c	VT.	lC IC	The four contract packages and current design status is a follows: for CP1 Systems, CP3-Alvendal YanGchaot Lord Sadan, and CP4 Underground Stations, a General Engineering Consultant (GCL) has been selected and is preparing the three Design-Bid- Bidlig Slaus, specification, and estimate (FSEL) packages. For CP-2 Tunnel and Trackwork: Long-term moise monitors have been installed at 2 locations by sensitive noise-receptors at the West Turnel Portal. Nose monitoring data has been provided to VTA on a weekly basis in Q2 2025, and includes the construction activities, the daystma and nighttime noise levels, and spot-check noise monitoring becautions and data. This measure will be implemented in future quarters at the underground stations and East Tunnel Portal.	
Noise and Vibration	Install Long-Term Noise Monitors at CSAs during all Construction Phases	122	- MMRP- NV- CNST-	M-02	Vel-1, ROD	Conduct Weekly Noise Sampling with Hand- Held Monitors	Install long-Term Notes Monitors at CSAs during all Construction Phases: In addition to these stationary noise monitors, the contractor will counted 130-minute noise sampling with hand held monitors weekly at the station sites and at other construction sites, including the ventilation shafts and gap breaker stations, to ensure compliance with the noise criteria. If required, additional noise monitoring site(s) may be added by VTA to address any specific situation or concern. The contractor will submit noise data to VTA approval on a weekly basis, and will include details on location and type of contractor, and the contractor will submit noise data to VTA approval on a weekly basis, and will include details on location and type of contractor, and include the contractor will submit noise data to VTA approval on a weekly basis, and will include details on location and type of contractor in strikely and details, photographs, and sketches of noise monitoring locations. A qualified accordinal regimeer work was within threshold or not, and indicate any steps taken during monitoring to bever noise levels to within limits.	Program- wide	D	c	VTA /C	ic ic	The four contract packages and current design status is as follows: For CP-1 Systems, CP-3-Newhall Yard/Sato Lura Station, and CP-4 Underground Stations, a General Engineering Consultant (GIC) has been selected and is preparing the three Design-Bid- Bidd plans, specification, and estimate PSES packages. For CP-2 Turnet and Tracksock: At the West Turnet Portal, 3-minute hand held noise monitoring data has been provided to VTA. And the West Turnet Portal, 3-minute hand held noise monitoring data has been provided to VTA. and the West Turnet Portal, 3-minute hand held noise monitoring data has been provided to VTA. and the West Turnet Portal, 3-minute hand held noise monitoring data has been provided to VTA. as the West Turnet Portal, 3-minute hand held noise monitoring four the provided to VTA. In Q2 2015, no construction-related noise exceedances occurred during the 30-minute spot cheks.	
Noise and Vibration	Ensure Equipment is Pre- certified to Meet Noise Limits	123	- MMRP- NV- CNST- N		Vol-1, ROD	Ensure Equipment is Pre-certified to Meet Noise Limits	Reserve Equipment in Pre-certified to Meet Neise Limits: For major equipment to be used at the surface of the controlucion late for state disarrising preserve than 5 days, the contract owell enus or that the equipment a pre-certified by the exostical engineer during field measurement at lest size or guaranteed by the expiration when the reserve that the expiration of th	Program- wide	D	c	VT. /C	ic ic	The four contract packages and current design status is a follow: for CP3-Systems, CP3-Weehal Yan/CP4 Lock 1828 alon, and CP4 Underground Stations, a General Engineering Consultant (GIC) has been selected and is preparing the three Design-Bid-Baulid plans, specification, and estimate (FS&I) packages. For CP-2 Tunnel and Trackwork: The Construction Noise and Vibrasino Control Plan (CNVCP) lists the construction activities, equipment to be useful during these activities, and the noise levels for the activities and the equipment. The equipment is been with location and project. The Q2 2025 quarterly update to the CNVCP has been guaranteed by the vendor to meet the noise limits for the wink location and project. The Q2 2025 quarterly update to the CNVCP included the construction activities, equipment, recertification requirements, and noise levels, confirming construction equipment does not exceed the noise limits.	
Noise and Vibration	Implement a Complaint Resolution Procedure	124	- MMRP- NV- CNST- O	-	Vol-1, ROD	Implement a Noise and Vibration Complaint Resolution Procedure	laplament. Complaint Readedisto Procedure: The contractor will implement a complaint readedisto procedure to readed deferes say note and wherehing problemed in that may develop during construction. Held are complaint is received, the contractor will askip the complaint a case number and will contact the person making the complaint to neceel further contractor will askip the complaint a case number and will contact the person making the complaint to neceel further confirmation on the oncorn. The contractor will then disassite this will the construction team to determine the appropriate action to resolve the sissue. The contractor will then again contact the person making the complaint to describe how the issue has been resolved.	Program- wide	D	c	VT.	lC IC	The four contract package, and current design status is a follows: For CP3 Systems, CP3 Ashendsh YanGhan Lords Sation, and CP4 Underground Stations, a General Engineering Consultant (GCS) has been selected and is preparing the three Design-Bid-Baulid plan, specification, and estimate (FS&E) packages. For CP-2 Turnels and Trackwork: The contractor developed a complaint resolution procedure in Q2 2024 to address noise and vibration concerns. A project representative by hone number is publicly available to contact for any concerns, and the representative will follow up with the person that filed the complaint to determine next steps and remediate any success. In Q2 2025, five complaints were received for work at the West Turnel Portal. RST and VTA External Affairs has resolved these concerns with the complainants.	

	Valley Transportation Authority	MMRP CODE Chrono #	MM COI Meas	DE	Source Document	Summary	Mitigation Measure	Location	Implementation Timeframe: Design (D)	Timeframe: Construction (C)	Timeframe:Post- Responsible Party	Compliance Status	2025 Q2 Quarter Mitigation Completed
Noise and Vibration	Implement a Construction Vibration Control and Monitoring Plan	125	- MMRP- NV- CNST-	P-01	Vol-1, ROD	Prepare a Construction Vibration Control and Monitoring Plan	Implement a Construction Witahasian Coatrol and Monitoring Plan: The contractor will be required to submit a Construction Witahasian Control and Monitoring Plan to YIA for approval. The plan will be represed by a qualified Witahasian specialist whose qualifications and proposed vibration control and monitoring activities will be subject to approval of YIA professor to construction activities. The Construction Witahasian Control and Monitoring Plan will be updated every a monitor and a submitted plan to perform information about construction requipment and set beyond, the project of vibration has and will be a submitted in the submitted plan of the comply which the collegation terms a confident of the means for seals habilities (pre- table). The Construction Vibration Control and Monitoring Plan will also outline the monitoring equipment and procedures the contractor will use to perform vibration measurements for vibration resources in the vibration in the contractor will use to perform vibration measurements for vibration resources in the vibration of seals houtline. The part of the properties of the properties of an expectation of the properties of the properties of construction vibration for the properties of construction related impacts. As a minimum, crast gauges will be installed on existing crasts prior to construction, and monitoring of the again will be performed continuously over the course of construction to assess whether new construction-related damage has occurred. The contractor must obtain approval from VIA and the QP to install any crack gauges on or in historic buildings that require alteration of the building.	Program- wide	D	c	VTA /C	NC.	The CP2 Construction Noise and Vibration Monitoring Real (CNVMP) and Construction Noise and Vibration Control Res (CNVV) outlier monitoring equipment, procedures, measurement locations, frequencies, and durations, and will be updated quarterly in accordance with 01 81 20 Noise and Vibration Control. For CP3 Junnel and Trackwork: For CP3
Noise and Vibration	Implement a Construction Vibration Control and Monitoring Plan	126	- MMRP- NV- CNST-	P-02	Vol-1, ROD	Halt Construction if Levels Exceed Allowable Vibration Limits	Implement's Construction Winduston Control and Monitoring Plant. The results of rebustion monitoring will be documented and submitted to VTA evelsely, in the event that levels accord allowable vibration limits, the work will be bashed immediately to result with the control and Monitoring Plan will be implemented. The contractor will initially conduct vibration monitoring day at the nearest affected buildings during any construction activities that could induce vibration impacts, typically within 100 feet of any building. Vibration will also be monitoring days where vibration is expected to approach the applicable limit beads on the building byes and condition, as determined by VTA in coordination with the structural engineer for non-historic buildings, and VTA and the historic QP for historic buildings. Monitoring of utilities that are ensemble to buildings and VTA and the historic QP for historic buildings. Monitoring of utilities that are ensemble to buildings and VTA and the historic QP for historic buildings. Monitoring of utilities that are ensemble to building and VTA and the historic QP for historic buildings. Monitoring of utilities that are ensemble to buildings and building the cutting of utilities that are ensemble to buildings and performed for the nearest affected vibration-sensitive utilities during any construction activities that could induce vibration impacts.	Program- wide	D	с	VTA /C	ίĊ	Please refer to the documentation under MMRP-NV-CNST-P-01.
Noise and Vibration	Implement a Construction Vibration Control and Monitoring Plan	127	- MMRP- NV- CNST-	P-03	Vol-1, ROD	Do Not Exceed the FTA Construction Vibration Damage Criteria	Implement a Construction Wilanaton Control and Monitoring Plass. The contractor will griferform monitoring continuously at the closest receptor during all demolstion and construction activities to ensure vibration levels will not exceed the FIA construction vibration damage criteria for applicable building year, as follows: CI pages juricely evoluty (PPV) (Interluptorial for buildings and extended support to the vibration for the properties of the propertie	Program- wide	۵	с	VTA /C	KC	Please refer to the documentation under MMRP-NV-CHST-P-01.
Noise and Vibration	Implement a Construction Vibration Control and Monitoring Plan	128	- MMRP- NV- CNST-	P-04	Vol-1, ROD	Measure Building Vibration In Vertical Direction and Utilities In Accordance with Meter Instructions	Implement a Construction Witaration Control and Monitoring Plan: The contractor will measure whatein in buildings in the vertical direction on the ground surface or building floor and for villaties in accordance with meter instructions and inclusty best practices. Witaration heels will be measured continuously during daily construction operations to ensure that expect vibrations generalized work for acquired. Dully monitoring will be performed during a continuously with this (typical) 8 against both structural diamage and nuisance thresholds in terms of Verbority levels in dis or PPV. Vibration for utilities will be compared against structural diamage and nuisance thresholds in terms of Verbority levels in dis or PPV. Vibration for utilities will be compared against structural diamage and nuisance thresholds in terms of Verbority diversion data are in compliance with the vibration limits after work has completed start-up and entered full-production mode (typically within 2 weeks to 30 days), with a commontaining may be performed once as week instead of continuously each any if approved by 10 and 10 are structural or the contraction of	Program- wide	D	c	VTA /C	IC.	Please refer to the documentation under MMRP-NV-CHST-P-01.
Noise and Vibration	Implement a Construction Vibration Control and Monitoring Plan- Historic structures	129	- MMRP- NV- CNST-	P-05	Vol-1, ROD	Notify Qualified Professional (QP) if Historic Building Construction Vibration Approaches Threshold	Implement a Construction Witholian Control and Monitoring Plan-Historic structures for historic structures, if constructions without approaches the trivicul admange threshold, the historic (Pu the notified immediately, in real stime. If construction vibration exceeds the structural damage threshold, Contractor must noofly the historic QP and VTA mediately, in real stime. If construction vibration exceeds the structural damage threshold, Contractor must noofly the historic QP and VTA mediately, in real structural damage threshold, contractor with resolution of the contractor will adjust work methods and techniques to meet appropriate vibration limits so that the threshold is not exceeded again before work is restarted in exceeding also before work is restarted in the exceeded again before work is restarted in the exceeded again before the interior's Scientified for the Treatment of the fistinch troperties of the interior's Scientified for the Treatment of thistoric Troperties and consistent with 36 CTR 800.13(b). VTA and the historic QP will implement these repairs in consultation with FTA and SHPO.	Program- wide	D	с	VTA /C	к	The CP3 Construction Notes and Vibration Monitoring Review (1974) and Construction Notes and Vibration Control Review (1974) collection (Incident (1974) collection (1974) col
Noise and Vibration	Perform Vertical Direction Vibration Monitoring	130	MMRP- NV- CNST- Q	-	Vol-1, ROD	Perform Vertical Direction Vibration Monitoring	Perform Vertical Direction Vibration Monitoring. The contractor will perform continuous vertical direction vibration (not man square) monitoring on the ground at the nearest representable residential structure during muck extraction and supply train operations in the tunnels. These measurements will be repeated for a minimum of 1 week at approximately 1-mile intervals along the tunnel construction until it is demonstrated that the levels are below the FTA thresholds.	Program- wide		c	VTA /C	ic	The CP2 Construction Noise and Vibration Monitoring Plan (CNVMP) and Construction Noise and Vibration Control Plan (CNVCP) require continuous vertical direction vibration monitoring during muck extraction. For CP3 Tunnel and Trackwork: In Q2 2825, no continuous vertical direction vibration monitoring was required because muck extraction has not yet commenced.
Noise and Vibration	Implement Preconstruction and Post-Construction Building Condition Surveys for Vibration	131	MMRP- NV- CNST-	R-01	Vol-1, ROD	Implement Preconstruction and Post-Construction Building Condition Surveys for Vibration	Implement Preconstruction and Post-Construction building Condition Surveys for Vibration: Prot to construction or received in the Construction of Construction or received in Construction of	Program- wide	D	с	P VTA	IC	Please refer to documentation under MMRP-GEO-CNST-B-01.

	Valley Transportation Authority	MMRI CODE Chrono		MMRP CODE easure	#	Source Document	Summary	Mitigation Measure	Location	Implementation Timeframe: Design (D)	Timeframe: Construction (C)	Timeframe:Post- Responsible Party	Compliance Status	2025 Q2 Quarter Mitigation Completed
Noise and Vibration	Implement Preconstruction and Post-Construction Building Condition Surveys for Vibration-Historic Buildings	132	- MIV NV- CNS	R-	022	Vel-1, ROD	Prepare Condition Assessment Reports for Historic Buildings	Implement Preconstruction and Post-Construction Building Condition Surveys for Vibration- Historic Buildings: For Microtic structures, the Condition Assurement Report in accordance with Section 300 will be prepared along with the preconstruction building conditions. The results of the precursor prior to any vibration-inducing construction standards are building conditions. The results of the precursor prior to any vibration-inducing construction standards are building conditions. The results of the precursor prior to any vibration-inducing construction standards are building conditions. The results of the precursor prior to any vibration-inducing construction vibration. The submitted in the standard and prior and a qualified submitted in the standard and prior and a qualified submitted in the standard and prior and a qualified submitted in the standard and prior and any standard and a qualified submitted in the standard and any standard and standard and any sta	Program- wide	D	c	P VTA	NC NC	Please refer to documentation under MMISP-GEO-CNST-B-02.
Noise and Vibration	Implement Measures to Reduce Vibration from Muck Extraction and Supply Trains	133	- MM NV- CNS			Vel-1, ROD	Implement Measures to Reduce Vibration from Muck Extraction and Supply Trains	Implement Measures to Reduce Vibration from Music Stratstion and Supply Trains: The contractor will ensure that music extraction and supply train operations do not result in groundborne vibration in execut of 77 will dat nearly residences. Measures that can be implemented include, but are not limited to, placement of ballast must underneath tracks on which the muck extraction train rides or the use of a conveyor in place of a train.	Tunnel Alignment		c		IC	The relevant contrast packages and current design status is as follows: For CP-1 Systems, CP-2-Newhal Yard/Spica Clara Station, and CP-4 Underground Stations, a General Engineering Consultant (GCC) has been selected and is preparing the three Design-Bid- Bidliug Dans, specification, and estimate (PS&B) packages. For CP-2 Tunnel and Trackwork: This mitigation measure was included in the CP2 Conformed set under Vol 1 General Requirements, Section 018:10 X00 them of Vibration Control, Imited Notice to Proceed 1 assured 6(99):22. This measure was not required in Q2 2025 because muck extraction has not yet commenced.
Noise and Vibration	Implement Noise Reduction Treatments at Ancillary Facilities	134	- MM NV-			Vol-1, ROD	Implement Noise Reduction Treatments at Ancillary Facilities	septement Noise Reduction Teatments at Ancillary Facilities: The contract will implement noise reduction treatments an ancillary facilities will redishablts, restore reduction treatments an ancillary facilities which a special because the state of the mergency backup generators such that noise levels comply with applicable Cities of San Jose and Santa Clara noise criteria at nearby developed land user. Teatments that will be implemented, if necessary, include but not limited to: - Sound attenuators and acoustical absorptive treatments in ventilation shafts and facilities. - Perimeter noise walls (nominally an 8-foot-high wall) placed around emergency generators.	Systems (Ventilation Structures, Traction Power Substations, Emergency Backup Generators)		с	VT/C	к	The four contract packages and current design status is a follows: for CP-3 ystems, O-3 Alebenhal Yard-Kana Cura Sation, and CP4-1 Underground Stations, a General Engineering Consultant (GCL) has been selected and is preparing the three Design-Bid- Build plans, specification, and estimate (PS&E) packages. For CP-2 Tunnel and Trackwork: This measure was not required in Q2 2025 because construction at ancillary facilities has not commenced.
Noise and Vibration	Reduce Groundborne Noise Levels	135	- MM NV-			Vol-1, ROD	Reduce Groundborne Noise Levels	Reduce Groundbarne Noise Levels: The contractor will implement an holated Sibe Track (ST) as the miligation strategy for groundbarne noise. An ST as a from floating sibst track (ST). The EST system is constructed with a commission elastomeric mat instead of discrete elastomeric pask that are typically used for an ST3 system. An ST can be designed to provide from 10 ST so like AI more receivable. This strategy can also be used under a consistent "Mark ST can be designed to provide from 10 ST so like AI more receivable." This strategy can also be used under a consistent. The Macdinary for the ST strategy will determine the specific miligation strategy, which could include alternative strategies that similarly achieve the FTA groundborne noise criteria.	Tunnel Alignment		С	VT#	ic ic	The relevant contract packages and current deeign status is as follows: For CP-1 Systems, CP-3 Alevenhal Yardi, Seat Linux Sation, and CP-4 Underground Stations, a General Engineering Consultant (GEC) has been selected and is preparing the three Design-Bid- Bidd plans, specification, and estimine 1995a) packages. For CP-2 Tunnel and Trackwork. This mitigation measure was included in the CP2 Conformed set under Vol 2 Design Criteria Manual (DCM) Section 7.5 Trackway; limited Notice to Proceed 1 issued 6/09/22. This measure was not required in Q2 2025 because construction of trackways has not commenced.
Utilities	Prepare a San Jose Water Supply Infrastructure Capacity Assessment	136	- MM UTII	IRP-	Vol-1, RO	OI.	Prepare a San Jose Water Supply Infrastructure Capacity Assessment	Appear a. San Jose Witer Supply Inflativicture Capacity Assessment and Participate in the Improvements. YTA will contribute with a line of Water Capacity (SWC) and propries to Cooperation agreement to establish the Matt Totersion Alternative's participation in improvements to offsite water supply inflativicture. The SINC may conduct a detailed engineering study and flow analysis to determine the extent of these impacts. The contractor will implement capacity-relief upgrades during the utility rebustion phase of construction in accordance with SNC requirements. The contractor will ensure that all construction activities follow the provisions outlined in this extension and the same participation. In the contractor will ensure that all construction activities follow the provisions outlined in this extremental disconnent, scioulating implementation of Mingdoor Measure TRA-CET in the relative penetral impacts and increase participation.	28th Street/Little Portugal Station (Alum Rock); Downtown San Jose Station; Diridon Station	D		P VTA	A IC	TOD is not included in CP1 through CP4. Once TOD contracts are underway these measures will be addressed. TOD is not included in CP1 through CP4. Once TOD contracts are underway these measures will be
Utilities	Prepare a Santa Clara Water Supply infrastructure Capacity Assessment	137	- MM UTII		Vol-1, RO	ac	Prepare a Santa Clara Water Supply Infrastructure Capacity Assessment	Prepare a Santa Clasif Water Supply intrastructure Capacity Assessment and Participate in the improvements: VIA will contribute with the City of Santa Claria Water and General Using (XCMS) and prepare as Cooperative Agreement to Santa Claria Water and General Using (XCMS) and prepare as Cooperative Agreement to Santa Claria Claria Water Agreement (VIA) and flow analysis to determine the extent of these impacts and participation. The contractor will implement capacity-relief upgrades during the utility relocation phase of construction in accordance with Chapter 17.15.2.10 of the Santa Claria City Code. The contractor will exame that all construction activities follow the provision outlined with the viewnomental document, including implementation of the construction education and outreach plan, to reduce potential impacts.	Santa Clara Station	D		P VTA	ic ic	10D and included in CP1 through CP4. Once TOD contracts are underways these measures will be addressed.
Utilities	Prepare a San José Sewer Capacity Assessment	138	- MM UTII			Vol-1, ROD	Prepare a San Jose Sewer Capacity Assessment	Fee, as required, which is used to rehabilitate and enhance sewer capacity through San lose's Sanitary Sewer Capital improvement Program. If pyement to the Sanitary Sewer Capital improvement Program. If pyement to the Sanitary Sewer Capital improvement Program. If pyement to the Sanitary Sewer Se	28th Street/Little Portugal Station (Alum Rock); Downtown San Jose Station; Diridon Station	D		P VTA	Å IC	TOD is not included in CP3 through CP4. Once TOD contracts are underway these measures will be addressed.

	Valley Transportation Authority	MMRP CODE Chrono #	MM COI # Meas	DE	Source Document	Summary	Mitigation Measure	Location	Implementation Timeframe: Design (D)	Timeframe: Construction (C)	Timeframe:Post- Responsible Party	Compliance Status	2025 Q2 Quarter Mitigation Completed
Utilities	Prepare a Santa Clara Sewer Capacity Assessment	139	- MMRP- UTIL-D	-	Vol-1, ROD	Prepare a Santa Clara Sewer Capacity Assessment	Prepare a Santa Clara Sewer Capacity Assessment and Participate in the improvements: VTA will coordinate with SCW201 to prepare a Cooperative Agreement or statish the BART Extension Alternative's participation in improvements to offsite sanitary sewer capacity deficiencies. SCW501 may conduct a detailed engineering study and hydraulic analysis to determine the cetterior of these impacts. VTA will mitigate impacts on downstream sewer system in Santa Clara through payment of the sinitary Sewer Connection Charge, as required, which is used to rehabilitate and enhance sewer capacity through Santa Clara Clara Clara Clara Clara (Santa Clara Sewer Connection Charge, as required, which is used to rehabilitate and enhance sewer capacity through Santa Clara Clara Clara and VTA will develop a Cooperative Agreement capacity in a result of cumulative development, Santa Clara and VTA will develop a Cooperative Agreement to determine the BART Extension Alternative proportional participation to the longrades to the sever vision. The contractor will implement capacity-relef upgrades improvements during the BART Extension's construction phase in accordance with Chapter 17 15.210-280 of the Santa Clara City Close. Generally, the contractor will locate sever instruction epic comments with the extension pakes (give a rew, with minimal pactual to impact sensible environmental document, including implementation of the construction education and outreach plan, to reduce potential impacts.	Santa Clara Station	0		P VTA	KC KC	TOD a not included in CP1 through CP4. Once TOD contracts are underway these measures will be addressed.
Visual Quality and Aesthetics	Replace Trees	140	- MMRP- AES- CNST- A	-	Vol-1, ROD	Replace Trees	Register Treat: The contractor will inventory trees that will be removed due to construction activities and will note each tree on construction plans before construction begins. VTA will compensate for any trees removed according to the following radios. VTA will replace all urban trees that are to be removed or lost as a result of the BART Extension to the extent feasible. VTA will replace trees with a diameter of 12 inches and 2.1 radio, and trees with a diameter of 12 inches on more at a 3.1 ratio. In truban trees (ponnatives and ornamentals) are replaced with native trees, VTA will use a reduced mitigation ratio of 1.11 for all reses smaller than 2.1 chains in diameter, and 2.1 for all trees with a diameter of 12 inches or more. VTA will uriging its ensemable than 2.1 chains in diameter, and 2.1 for all trees with a diameter of 12 chness or more. VTA will principle these in diameter, and 2.1 for all trees with a diameter of 12 chness or more. VTA will principle called the diameter of 12 chness or more. VTA will principle called the diameter of 12 chness or more. VTA will principle called the diameter of 12 chness or more. VTA remove the called the called the diameter of 12 chness or more. VTA will principle called the diameter of 12 chness or more. VTA will principle called the diameter of 12 chness or more. VTA will principle called the diameter of 12 chness or more. VTA will principle called the diameter of 12 chness or more. VTA will principle called the diameter of 12 chness or more. VTA will principle called the diameter of 12 chness or more. VTA will principle called the diameter of 12 chness or more vTA will principle called the diameter of 12 chness or more. VTA will principle called the diameter of 12 chness or more vTA will principle called the diameter of 12 chness or more vTA will principle called the diameter of 12 chness or more vTA will principle called the diameter of 12 chness or more vTA will principle called the diameter of 12 chness or more vTA will principle called the diameter of 12 c	Program- wide	D	c	VTA /C	к	The four contract packages and contrent design status is as follows: 6 C > 1.5 pytems (7.0 - 3 been half trackfastes allow Salation, and GP-4 Underground Stations, a General Engineering Consultant (GIC) has been selected and is preparing the three Design-Bid-Baild plan, specification, and estimate (PS&E) packages. For CP-2 Turnel Hand Trackwork: No trees were removed in Q2 2025.
Visual Quality and Aesthetics Water Resources, Water Quality, and Floodplains	Minimize Light and Glare (for TOJD) Design and Implement Stormwater Control Measures	141	- MMRP-AES-A	-	Vol-1, ROD Vol-1, ROD	Minimize Light and Glare (for TOID) Design and Implement Stormwater Control Measures	Intelinet Light and Glare (for TOID): For the TOIDs, the contractor will intall love profile, brom-intensity outdoor lighting offsected downwards to minimize light and gire where feasible. The contractor will also install shielded findures for street and podestrian lighting to minimize gibre. Design and Implement Stormwardsr Control Measures: The BART Extension will be designed in accordance with the Phase Intelligence of the Control of	TOJD Program-wide	D D	С	P VTA	к	TOD is not included in CP1 through CP4. Once TOD contracts are underway these measures will be addressed. The four contracts packages and current design status is as follows: For CP-1 System, CP-3-Newhall Yard/Santa Clars Station, and CP-4 Underground Stations, a General Engineering Consultant (GCC) has been selected and is preparing the three Design-Bid-Bidd plans, specification, and estimate (PSEE) packages. For CP-2 Tunnel and Trackwork: A combined programmatic SWPP as well as a site-specific SWPPP for West Tunnel Portal were excepted by VFA and are in effect for all CP-2 work. In Q2 2025, the SWPPP for the West Tunnel Portal and the Programmatic SWPPP were amended to reflect changes in work phasing and additional sediment control best management practices (BMPP).