PLAN BAY AREA 2050



Attachment C Agenda Item 4a EQUITY AND PERFORMANCE OUTCOMES

The **Plan Bay Area 2050 Draft Blueprint** is a package of 25 transformational strategies that aim to make the Bay Area more affordable, connected, diverse, healthy and vibrant for all. Strategies are either public policies or packages of investments that could be advanced on the local, regional or state levels. This document describes the outcomes of the Draft Blueprint based upon the strategies approved by the MTC and ABAG Boards in February (refer to <u>strategies document</u> for more information).

What Does This Document Include?

- 1 How Does the Draft Blueprint Allocate Anticipated Revenues Toward Strategies?
- 2 How Does the Draft Blueprint Influence the Regional Growth Pattern?
- 3 What are the Key Equity and Performance Outcomes of the Draft Blueprint?
- 4 What are the Key Takeaways from the Draft Blueprint?
- 5 How Did We Analyze the Draft Blueprint?
- 6 What's Next, COVID-19 Impacts on Final Blueprint, and How You Can Get Involved

2015 Refers to modeled 2015 conditions, which were calibrated to closely match on-the-ground conditions.

- **2050 Trend** Reflects the 2050 outcomes if population and job growth continue according to the Plan Bay Area 2050 Growth Forecast and all Draft Blueprint land use strategies are implemented, without any changes to the transportation system (only available for transportation metrics).
- **2050 Blueprint** Reflects 2050 outcomes with all 25 Draft Blueprint strategies.
- **LIHH** Low-Income Households with household incomes less than \$45,000 in today's dollars; shown where feasible to parse out equity impacts.

Key Definitions in Metrics

CoCs Communities of Concern; updated using latest ACS data.

High-Resource Areas <u>State-designated areas</u> with access to well-resourced schools, open space, jobs and services.

Transit-Rich Areas Areas within 1/2 mile of a rail station, ferry terminal or frequent bus stop (every 15 minutes or less) consistent with MTC/ABAG-adopted criteria.

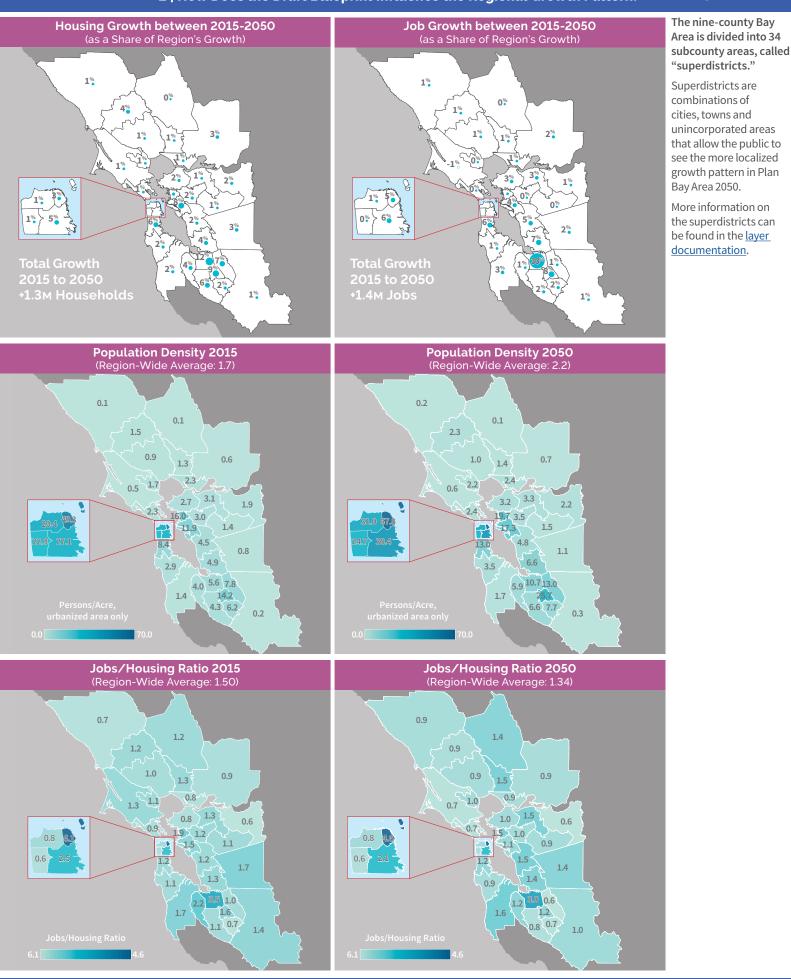
Priority Production Areas Industrial districts that support industries that are critical to the functioning of the Bay Area economy and are home to "middle wage" jobs.

1 | How Does the Draft Blueprint Assign Anticipated Revenues Toward Strategies?

The Draft Blueprint anticipates total inflation-adjusted revenues of \$783 billion across four topic areas of Transportation, Housing, Economy and Environment during the Plan period from 2021 to 2050, integrating the impacts of the COVID-19 recession as well as future regional revenue measures. The chart below highlights how these revenues are assigned among various strategies. Zero-cost strategies (e.g., increased development capacity for housing) that do not require significant financial investment are not shown. On the right, key metrics help characterize the investments. **NOTE: There** is a \$66 billion reserve in the Transportation Element for Final Blueprint strategies not included in the Draft Blueprint; this reserve can help fund other county and regional priorities like Express Lanes and commuter rail lines.

		Strategy	Funding	Share of Total Topic Area Investment		Key Metrics	
		Maintain Existing System	\$392в	75%	Funding by Mode:	Transit	70%
		Optimize System: Transit Fare Policy Reform	\$10в	2%	Maintain System	Road/Bike/Ped	30%
		Optimize System: Seamless Mobility	\$0.1в	.2%	The discussion of the	Transit	79%
3B)	N N	Optimize System: Freeway Tolling	\$1в	.2%	Funding by Mode: All Other Strategies	Road	4%
(\$783B)	SS26B	Safe Streets: Complete Streets Network	\$7в	1%		Bike/Ped	17%
es (N N	Safe Streets: Regional Vision Zero Policy	\$1B	.2%	Benefits for	Share of Population	24%
nue	SANSI SANSI	Projects: Low-Cost High-Performing Transit	\$20в	4%	Low-Income Households	Share of Road Funding	27%
Revenues	Ë.				Housenolas	Share of Transit Funding	44%
		Projects: New Transbay Rail Crossing	\$29в	6%		Share of Population	60%
ate		(Not in Draft) Projects: Other Regional Priorities	\$22в	4%	Benefits for Minorities	Share of Road Funding	52%
icip		(Not in Draft) Projects: County Priorities	\$44B	8%		Share of Transit Funding	63%
Ant	ноизілс \$171В	Fund Affordable Housing Production	\$166в	97%	Share of Housing	High-Resource Areas	75%
otal		Fund Affordable Housing Preservation	\$2в	1%	Production Funding,	Transit-Rich Areas	76%
and Total Anticipated		Fund Affordable Housing Protection	\$Зв	2%	by Area Type	Communities of Concern	26%
	\$33B	Expand Childcare Support	\$30в	91%	Annual Subsidy per Low-Income	Childcare Support	\$10K
Topic Area		Create Job Incubator Programs	\$Зв	9%	Households	Job Incubator Programs	\$1K
Top	\$53B	Adapt to Sea Level Rise (SLR)	\$17в	32%	Share of Funding	Adapt to Sea Level Rise	25%
		Retrofit Existing Buildings	\$20в	38%	in Communities		
		Protect High-Value Conservation Lands	\$15в	28%	of Concern*	Retrofit Existing Buildings	15%
		Expand Climate Initiatives Program	\$1в	2%	* Environment investment in Com	munities of Concern is fully sufficient to meet identifie	d needs.

2 | How Does the Draft Blueprint Influence the Regional Growt Attachment C Agenda Item 4a





3 | What are the Key Equity and Performance Outcomes of the Drattochepant?C Agenda Item 4a

How does the Draft Blueprint advance or impede achievement of the Plan Vision? This section is organized by the five Plan Bay Area 2050 Guiding Principles with two key questions presented to frame the exploration. Each question is accompanied by one or more metrics, highlighting impacts on disadvantaged populations where feasible and indicating whether the 2050 Blueprint outcomes are equitable and favorable. Explanatory text sheds light on how Draft Blueprint strategies and assumptions contribute to performance outcomes. On the left, outcomes that move in the right direction are represented by upward arrows, while outcomes that move in the wrong direction or fail to meet state-mandated targets are represented with downward arrows.

Se AFFORDABLE

	WILL BAY AREA RESIDENTS SPEND LESS ON HOUSING AND TRANSPORTATION?								
	In 2015, low-income households have an extreme housing and transportation (H+T) cost burden, with costs exceeding	H+T COST AS A PE	RCENT OF INCOME	2015	2050 TREND	2050 BLUEPRINT			
7	average incomes when accounting for circumstances such as zero-income, financial assistance or unhoused status. With all Draft Blueprint housing strategies in place in 2050 Trend, H+T costs as a percentage of income decrease for all households.	Low-Income Ho	useholds (LIHH)	109%	86%	83%			
	The addition of Draft Blueprint transportation strategies, including means-based tolls and fares, further reduces H+T costs for low-income households, though their cost burden remains deeply unaffordable.	All Hous	seholds	olds 57%		48%			
		TRANSPORT EXP	ENSES PER TRIP	2015	2050 TREND	2050 BLUEPRINT			
	Average transit fares per trip, while up in 2050 Trend due to	Average Fare per Transit Trip	Low-Income Households	\$2.78	\$3.13	\$1.60			
	recent fare increases since 2015, decrease in 2050 Blueprint with fare reform policies. The decrease is substantial for low-income		All Households	\$3.16	\$3.41	\$2.96			
7	households with means-based fares. Average tolls per auto trip increase due to the freeway per-mile tolling strategy, with	Average "Out-of- Pocket" Cost per	Low-Income Households	\$1.02	\$1.10	\$1.11			
	reduced impact on low-income households due to means-based toll discounts.	Auto Trip	All Households	\$1.26	\$1.45	\$1.53			
		Average Toll	Low-Income Households	\$0.05	\$0.08	\$0.10			
		per Auto Trip	All Households	\$0.08	\$0.12	\$0.21			
	WILL THE BAY AREA PRODU	CE AND PRESI	ERVE MORE AF	FORDABLE H	OUSING?				
	28 percent of all new homes built between 2015 and 2050 are permanently affordable (deed-restricted) for low-income	SHARE OF NEW HOUSING PRODUCTION (2015-50) THAT IS DEED-RESTRICTED AFFORDABLE			Region-Wide	28%			
7	households, with an even greater share of these units in High- Resource Areas due to strategic investments in these locations.				High-Resource Areas	37%			
7	The Draft Blueprint's affordable housing preservation strategy ensures that all existing deed-restricted affordable units at risk of conversion to market-rate units are converted to permanently affordable (deed-restricted) homes.	SHARE OF AT-RIS	K AFFORDABLE HOUS	Region-Wide	100%				
		ୁର୍ଗ୍ତି CONNE	CTED						
	WILL BAY AREA RESIDENTS BE	ABLE TO ACCE	SS THEIR DES	TINATIONS M	ORE EASILY?				
	The number of jobs accessible within a 30-minute drive is	PERCENT OF ALL BAY AREA JOBS THAT ARE ACCESSIBLE BY 2015			2050 TREND	2050 BLUEPRINT			
	forecasted to decrease in 2050 Trend due to population growth and subsequent road congestion, but it increases marginally with	By Car within 30 Minutes	CoC Residents	19.2%	13.6%	14.4%			
	the Draft Blueprint. Meanwhile, the number of jobs accessible within a 45-minute transit trip is significantly lower than auto	SU MINULES	All Residents	17.8%	12.2%	12.6%			
7	accessibility in 2015. Focused housing growth near transit routes increases transit accessibility in 2050 Trend, and performance	By Transit within 45 Minutes	CoC Residents	5.2%	6.6%	7.2%			
	improves further with investments in transit service in the Draft Blueprint. Biking and walking access to jobs also increases with land use strategies in 2050 Trend. (Metric under development for Final Blueprint: Accessibility to		All Residents CoC Residents	3.4%	4.3%	4.7%			
		By Bike within 20 Minutes	All Residents	2.9% 2.3%	3.5% 2.8%	3.5% 2.8%			
		Durge to the	CoC Residents	0.3%	0.4%	0.4%			
	Community Places)	By Foot within 20 Minutes	All Residents	0.2%	0.2%	0.2%			
		SHARE OF HOUSEHOLDS AND JOBS WITHIN 1/2 MILE OF FREQUENT TRANSIT			2015	2050 BLUEPRINT			
	More households will live close to high-frequency transit,		Low-Income Households		40%	46%			
7	including rail, ferry and frequent bus stops, in 2050 under the Draft Blueprint. Growth geographies focus more growth	Households	All Hous		32%	43%			
	in Transit-Rich Areas, supported by more transit service in these communities. Due to the more dispersed nature of job	1.1.	Manufacturing/Warehouse/Utilities		45%	43%			
	growth, the share of jobs near high-frequency transit remains relatively constant.	Jobs	All Jobs		52%	52%			

CONNECTED

WILL BAY AREA RESIDENTS HAVE A TRANSPORTATION SYSTEM THEY CAN RELY ON?									
	PEAK-HOUR TRAVEL TIME (MINUTES) 2015			2050 TREND	2050 BLUEPRINT				
		Oakland-SF	30	53	41				
	Most of Route Features All-Lane Tolling (>75%)	Antioch-SF	75	118	96				
		Antioch-Oakland	47	67	57				
Travel times on freeways are forecasted to increase significantly between 2015 and 2050 Trend, again due to a growing		SJ-SF	64	100	87				
population. Under 2050 Draft Blueprint conditions, per-mile		Oakland-SJ	56	77	66				
freeway tolling on key corridors helps to alleviate this effect, even as speed limits reduce free-flow travel times.		Oakland-Palo Alto	54	67	61				
asspeed innested dee nee now daver times.	Part of Route Features All-Lane Tolling (25-75%)	Livermore-SJ	48	75	74				
		Vallejo-SF	57	103	87				
	Limited or No Tolling on Route (<25%)	Fairfield-Dublin	48	62	65				
		Santa Rosa-SF	69	136	138				
	PERCENT OF PERSON HOURS IN TRANSIT SPENT IN CROWDED CONDITIONS		2015	2050 TREND	2050 BLUEPRINT				
	SFMTA Bus		20%	40%	29%				
Overcrowding on transit vehicles, which risks denial of boarding,	AC Transit Local		0%	22%	20%				
is anticipated to rise significantly under 2050 Trend conditions.	AC Transit Transbay		48%	64%	50%				
Crowding decreases in the 2050 Draft Blueprint for agencies with planned investments, such as Muni and AC Transit, as well as in	GGT Express		30%	87%	85%				
the transbay corridor thanks to the New Transbay Rail Crossing.	BART		19%	62%	44%				
Agencies not listed are not forecasted to have overcrowding challenges in 2050.	Caltrain		ain 8%		50%				
	WETA		WETA		23%	59%	43%		
	SFMTA LRT		SFMTA LRT		SFMTA LRT		32%	37%	25%
	VTA	VTA LRT 0%		82%	83%				
In 2015, 30 percent of all transit vehicles had exceeded their federally recommended lifespans. As the Draft Blueprint			2015	2050 BLUEPRINT					
only includes enough maintenance funding to retain existing conditions, this metric remains mostly unchanged through 2050.					30%				

မိ _{ဗိ} မီ DIVERSE							
WILL BAY AREA COMMUNITIES BE MORE INCLUSIVE?							
Focused production of deed-restricted affordable housing in High-Resource Areas increases access to areas of highest	SHARE OF HOUSEHOLDS THAT ARE LOW-INCOME	2015	2050 BLUEPRINT				
opportunity for low-income households, helping reverse historically exclusionary policies in many of these communities. In Transit-Rich Areas, the total number of low-income households continues to rise, but the share declines over time.	High-Resource and Transit-Rich Areas	28%	23%				
	High-Resource (only) Areas	18%	22%				
This indicates that affordable housing growth may not be keeping pace with overall development in Transit-Rich Areas.	Transit-Rich (only) Areas	40%	36%				
WILL BAY AREA RESIDENTS BE ABLE TO STAY IN PLACE?							
At the neighborhood level, the risk of displacement persists in many low-income communities and communities of color.	SHARE OF NEIGHBORHOODS THAT EXPERIENCE DISPLACEMENT AND GENTRIFICATION BETWEEN 2015 AND 2050	DISPLACEMENT	GENTRIFICATION				
The Urban Displacement Project has identified 850 census	High Displacement Risk Tracts	210/	4.40/-				

The tracts with ongoing or risk of displacement, gentrification or exclusion. In the Blueprint, 31% of these tracts experience displacement between 2015 and 2050 - defined here as a net loss in number of Low-Income Households. Further, nearly half of them experience gentrification – defined here as when the share of low-income households in the neighborhood drops by over 10 percent between 2015 and 2050. Even more significant impacts are forecasted for Communities of Concern.

SHARE OF NEIGHBORHOODS THAT EXPERIENCE DISPLACEMENT AND GENTRIFICATION BETWEEN 2015 AND 2050	DISPLACEMENT	GENTRIFICATION				
High Displacement Risk Tracts (total 850 neighborhoods)	31%	44%				
Communities of Concern (total 339 neighborhoods)	42%	56%				
Transit-Rich Areas (total 114 areas)	13%	46%				
High-Resource Neighborhoods (total 638 neighborhoods)	18%	26%				



M

7



Agenda Item 4a

	HEALTHY										
	WILL BAY AREA RESIDENTS BE HEALTHIER AND SAFER?										
	With Draft Blueprint strategies, 98 percent of all Bay Area	PERCENT OF HOUSEHOLDS		evel Rise (2ft)	С	ommunitie All Hous		n		100% 98%	
7.	households that would be affected by two feet of sea level rise are protected. All common seismically deficient housing types and homes built in high wildfire risk zones would be retrofitted to reduce the likelihood of damage in future	IN RISK-PRONE AREAS OR	Fort	hquake	С	ommunitie	s of Concer	n		100%	
		RISK-PRONE BUILDINGS, THAT	Edit	пциаке	All Households				100%		
	earthquakes and wildfires.	ARE PROTECTED OR RETROFIT		ire High / ium Risk	Communities					100%	
						All Hous	seholds			100%	
7	The rate of fatalities and injuries decreases in the Draft Blueprint with reduced speed limits and enhanced street design under the	ANNUAL INCIDENTS, PER 100 MILLION VMT Fatalities		2015 0.98		2050 TREND		2050	2050 BLUEPRINT 0.91		
	Vision Zero strategy, but remains far from zero incidents.		ries				4.35			4.20	
7	Total fine particulate matter emissions (PM _{2.5}) are forecasted to increase under 2050 Trend conditions as population and miles driven continue to rise. The Draft Blueprint strategies help bring this metric down below 2015 levels.	DAILY PM2.5 EM		(TONS)	4.23 5.5		5.7			5.2	
	WILL THE ENVIRONMEN	T OF THE BAY	AREA	BE HEA	LTHIER	AND S/	AFER?				
	Draft Blueprint strategies result in a drop in CO ₂ emission levels	CHANGE IN DAILY PER CAPITA REL			2015	2035 TREND	203 BLUEP		2050 REND	2050 BLUEPRINT	
N	per capita in 2035 (9% below 2005 levels), but are insufficient to curb them to state-mandated levels (19% below 2005 levels). Further, CO ₂ emission levels are forecasted to increase between 2035 and 2050 (in both Trend and Blueprint), primarily due to assumed adoption of driverless vehicles that can potentially generate "zero occupant" mileage.	Cars and Light-Duty			0%	8%	-9%		14%	-3%	
		All Veh (Including Fuel Ef		Gains)	-7%	-36%	-42%		-38%	-43%	
	With an assumed growth in telecommuting by 2050, the mode share of single occupancy auto travel is forecasted to drop in	COMMUTE MODE SHARE		2015		2050 TREND		2050 BLUEPRINT			
		Auto: Single Occupancy Auto: Other		54% 21%		42%		40%			
	2050 Trend conditions. With the Draft Blueprint strategies in play,	Transit		14%		19%		20%			
	this share drops slightly further, with increases in transit, walking and bicycling mode shares.	Active Modes (Bike/Walk)		5%		6%		8%			
		Teleco	mmute	ute 60		% 14%		.%	14%		
			ANT								
	WILL JOBS AND HOUSING I	N THE BAY AR	EA BE	MORE E	EVENLY	DISTR	BUTED)?			
	County-level jobs-to-housing ratios decrease in most counties, reflecting a higher ratio of housing to job production. Further, the ratios in Alameda, San Francisco and Santa Clara counties	JOBS-HOUSING RATIO	2015	2050 BLI	2050 BLUEPRINT				2050	BLUEPRINT	
	approach the region-wide ratio in 2050, indicating an improved	Region-Wide	1.50	1.3						2.21	
	jobs-housing balance. However, other counties trend further away from the region-wide ratio. These trends indicate that	Alameda Contra Costa	1.48 0.98	1.3			n Mateo 1.29 nta Clara 1.69			1.21	
	housing strategies in the Draft Blueprint may bring housing to job-rich areas such as Silicon Valley, but strategies to move jobs to	Marin	1.09	0.98				1.69 0.87		0.89	
	housing-rich areas are not sufficient. (Metric under development for Final Blueprint: Jobs-Housing Fit for low-wage jobs)	Napa	1.24	1.46				1.05	0.89		
	Mean commute distances rise from 2015 to 2050 Trend with				20		2050 1		2050	BLUEPRINT	
-	Draft Blueprint land use strategies, due to the clustering of jobs in existing centers far from housing-rich communities. Transportation strategies on their own affect this metric only	MEAN COMMUTE DISTANCE (MILES)		Low-Income Workers				2.0		11.9	
	marginally in 2050 Blueprint.		All V	Vorkers	12.0		13.1			12.9	
	WILL BAY AREA BUSINESSES THRIVE?										
7	The region's economic recovery is expected to be robust through 2050, even when accounting for the inclusion of new regional tax measures to fund transportation and affordable housing, among other areas.						65%				
GROWTH IN NUMBER OF JOBS (FROM 2015 TO 2050)											
7	A key pillar in the region's middle-wage workforce, manufacturing and warehouse jobs are anticipated to grow at	Region-Wide		All Jobs Manufacturing/Warehouse/Utilities Jobs				35% 48%			
	a higher rate than other industries, with some of that growth occurring in newly-designated Priority Production Areas.	Priority Production Areas		All Jobs				42%			
				Manufact	uring/Ware	house/Util	ities Jobs		48%		

4a

	4 What are the Key Takeawa	ays from the Draft Blueprin At	tachment C Agenda Item				
Highl	ights	Challenges					
 Housing and transportation costs are significantly reduced, especially for low-income residents. New revenues enable a significant uptick in production of deed- restricted affordable homes. Most new homes are focused in walkable communities with frequent transit service. 	 Strategies to reduce vehicle speeds and build protected bicycle/ pedestrian infrastructure help to save lives. Seismic retrofits and sea level rise infrastructure protect thousands of homes from damage. Despite significant tax increases to pay for new strategies, Bay Area businesses continue to thrive. 	 Affordable housing production is insufficient to address the existing need for affordable units in the Bay Area. Traffic congestion and transit crowding increase significantly with population growth and will not be sufficiently addressed with existing strategies. 	 Low-income residents continue to face a high risk of displacement, particularly in Communities of Concern. Per capita greenhouse gas emissions decline, but still fail to meet state-mandated reduction targets. More ambitious strategies are needed to shift jobs closer to the region's workforce. 				
INPUTS Baseline Data (Zoning. Pipeline, Growth Boundaries, etc.)	5 How Did We Analyz INPUTS Strategies and Growth Geographies (February 2020 Approval for Analysis)	e the Draft Blueprint? ANALYSIS & MODELING Economic, Transportation and Land Use Analysis and Modeling (Spring 2020)	OUTCOMES Performance Metrics and Growth Pattern (July 2020 Release)				
	What's Next for th	e Final Blueprint?					
JULY/EARLY AUGUST 2020 • Public Engagement: Online and Remote Offline Opportunities	MID-AUGUST 2020 Refine Strategies Close of Blueprint Comment Period 	SEPTEMBER 2020 • Seek Approval of Final Blueprint for Analysis	DECEMBER 2020 Release Final Blueprint and Seek Action on Preferred EIR Alternative 				

How Will COVID-19 Affect the Final Blueprint?

COVID-19 has upended everyday life throughout the world and intensified existing challenges, and we all feel uncertain about what the future holds. While Plan Bay Area 2050 is a 30-year vision for the Bay Area, many of the strategies approved for analysis by the MTC Commission and ABAG Executive Board in February have only become more timely.

The Final Blueprint will continue to focus on strategies such as:



BUILD A COMPLETE STREETS NETWORK: Enhance streets to promote walking, biking, and other micromobility through improvements to the pedestrian environment and thousands of miles of bike lanes or multi-use paths with investments targeted in Communities of Concern and near transit.

STRENGTHEN RENTER PROTECTIONS BEYOND STATE LEGISLATION: Building upon recent tenant protection laws, limit annual rent increases to the rate of inflation, while exempting units less than 10 years old.

EXPAND CHILDCARE SUPPORT FOR LOW-INCOME FAMILIES: Subsidize childcare for low-income households with children under 5, enabling more parents with young children to remain in (or to enter) the workforce.

PROTECT HIGH-VALUE CONSERVATION LANDS: Provide strategic matching funds to help conserve high-priority natural and agricultural lands, expand regional trails, and restore marshlands.

How Can You Get Involved in July/Early August? (From Home!)







Online Survey and Official Comment Period (ends August 10)



У @МТСВАТА





planbayarea.org info@planbayarea.org

🞯 @mtcbata #BayArea2050

f MTCBATA

