APPENDIX H

Regional Transportation Plan Projects

SAN MATEO COUNTY PROJECTS—COMMITTED FUNDING

Attachment A

RTP REFERENCE NUMBER	PROJECT/PROGRAM WITH COMMITTED FUNDING	TOTAL PROJECT COSTS In millions of 2001 dollars	NOTES
	SAN MATEO COUNTY-WIDE		
94662	Local streets and roads pavement maintenance (committed revenues shown)	$359.5	Shortfall remains (see Track 1)
21859	Non-pavement maintenance (sidewalk, lighting, drainage, landscaping, etc. – committed revenues shown)	$350.3	Shortfall remains
21867	Local bridge maintenance (committed revenues shown)	$46.3	Shortfall remains
94666	SamTrans – transit operating and capital improvement program (including replacement, rehabilitation, and minor enhancements for rolling stock, equipment, fixed facilities and other capital assets; does not include system expansion)	$2,894.1	Federal, state and local funds (including transit fares) available directly to operator
94667	SamTrans Americans With Disabilities (ADA) services	$737.7	Measure A sales tax project
98631	BART Advanced Automatic Train Control System (county share)	$4.2	
94101	Bicycle and pedestrian projects	$27.1	Funds are from Transportation Development Act Article 3, Bicycle Transportation Account, and local TEA 21 Enhancement funds.
	PENINSULA		
21876	BART (San Mateo County share) – transit operating and capital improvement program (including replacement, rehabilitation, and minor enhancements, equipment, fixed facilities and other capital assets; does not include expansion except BART-to-SFO extension)	$1,528.6	Federal, state and local funds (including transit fares) available directly to operator; capital shortfall remains (see Track 1)
21336	Widen Airport Boulevard from 2 lanes to 4 lanes	$2.6	
21337	Widen Airport Boulevard bridge (14-foot widening of existing bridge structure)	$0.9	
21340	Extend Hickey Boulevard to construct 2-lane road between Mission Road and Hillside Boulevard in Colma	$1.9	
21349	US 101 interchange improvements and ramp metering at Ralston Avenue, Hillsdale Boulevard, and Millbrae Avenue	$14.4	
21351	Widen John Daly overcrossing at junction I-280 and Route 1	$2.8	
21352	Replace San Pedro Creek Bridge and road approaches	$1.5	
21439	Regional Express Bus Program: Route 82/El Camino Express, Daly City BART Station to Palo Alto	$4.9	2000 Traffic Congestion Relief Program project
21574	San Mateo Downtown Transit Center	$6.9	
21605	US 101/Oyster Point Boulevard interchange improvements (Phases 2 and 3)	$40.0	
21609	I-280/I-380 local access improvements	$5.0	
21617	Caltrain Express service between San Francisco and San Jose; includes passing tracks and rolling stock (Phase 1)	$42.3	Fully funded through 2000 Traffic Congestion Relief Program; cost of project divided equally among the three Joint Powers Board counties (San Francisco, San Mateo and Santa Clara).
21622	Caltrain local station improvements	$63.2	

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RTP REFERENCE NUMBER	PROJECT/PROGRAM WITH COMMITTED FUNDING	TOTAL PROJECT COSTS In millions of 2001 dollars	NOTES
	PENINSULA (continued)		
21626	Caltrain grade separations (to be determined)	$113.0	
21892	Widen Route 84 from 4 lanes to 6 lanes from El Camino Real to Broadway	$7.5	
21893	Route 92 between Half Moon Bay city limits and Pilarcitos Creek alignment and shoulder improvements	$2.6	
21897	Modify and interconnect existing traffic signals from Davey Glen Road to 41st Avenue and 31st Avenue to Millbrae	$5.8	Funded by State Highway Operation and Protection Program (SHOPP)
94100	US 101 auxiliary lanes from Marsh Road to Route 92	$59.9	Measure A sales tax project
94105	BART-to-San Francisco International Airport (SFO) extension	$1,482.4	Project is under construction.
94643	Widen Route 92 between Route 1 and Half Moon Bay city limits	$16.6	Includes adding eastbound and westbound lanes.
94644	Route 92 westbound slow vehicle lane between Route 35 and I-280	$32.0	
94656	Upgrade Route 1 (Devil's Slide Tunnel)	$150.0	To be funded through federal Emergency Relief funds.
94664	Caltrain (San Mateo County share) transit operating and capital improvement program (including replacement, rehabilitation, and system enhancements for rolling stock, equipment, fixed facilities and other capital assets). Station improvements (e.g., platforms) are included.	$799.5	Federal, state and local funds (including transit fares) available directly to operator; revenues divided equally among the three Joint Powers Board counties; capital shortfall remains (see Track 1)
98204	Construct Route 1 northbound and southbound lanes from Fassler Avenue to Westport Drive in Pacifica	$6.5	

SAN MATEO COUNTY PROJECTS—TRACK 1

Attachment A

RTP REFERENCE NUMBER	TRACK 1 PROJECT/PROGRAM	TOTAL PROJECT COSTS	EXISTING[1] FUNDING	TRACK 1[2] FUNDS	NOTES
		In millions of 2001 dollars			
	SAN MATEO COUNTY-WIDE				
94093	Metropolitan Transportation System (MTS) streets and roads pavement rehabilitation shortfall (see Committed projects)	$8.8	$0.0	$8.8	
98501	Non-MTS streets and roads pavement rehabilitation shortfall	$107.3	$0.0	$88.0	Remaining shortfall to be funded in Blueprint
98554	Transportation for Livable Communities – county program	$13.1	$0.0	$13.1	County share of regional program for community development projects linked to transportation
98563	Surface Transportation Program planning funds for the county	$8.8	$0.0	$8.8	
21624	Transit-Oriented Development Incentives Program	$31.3	$0.0	$31.3	
	PENINSULA				
21343	Caltrain Downtown Extension/Transbay Terminal Replacement	$1,885.0	$1,600.0	$285.0	Reflects total costs & revenues. "Existing Funding" assumes $27 million in local sales tax funding from San Mateo County; Track 1 assumes $23 million from San Francisco (San Francisco will explore contributions from other counties benefiting from extensions/terminal), $203 million from bridge tolls and $59 million from ITIP
21602*	US 101/Broadway interchange reconstruction	$57.5	$15.0	$42.5	
21603*	US 101/Woodside Road interchange improvements	$67.0	$7.0	$60.0	
21604	US 101 auxiliary lanes from Sierra Point to San Francisco County line	$3.3	$1.7	$1.6	
21606*	US 101/ Willow Road interchange reconstruction	$24.5	$12.5	$12.0	
21607*	US 101/University Avenue interchange reconstruction	$35.3	$3.0	$32.3	
21608*	US 101 auxiliary lanes from Marsh Road to Santa Clara County line	$32.6	$16.6	$16.0	
21610*	US 101 auxiliary lanes from San Bruno Avenue to Grand Avenue	$12.3	$6.3	$6.0	
21627*	Caltrain electrification from San Francisco to Gilroy	$602.0	$440.0	$162.0	Reflects total costs and revenues; Track 1 assumes at least $47 million from San Francisco, $65 million in ITIP and $50 million in CARB/AB 434 funds; final distribution of revenues among the JPB counties subject to negotiation by the JPB

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* Denotes projects that will be completed and operational by 2010 for federal air quality conformity purposes.

[1] **Existing Funding** refers to funds that are committed or are considered to be reasonably available in the short term but which do not in themselves fully cover project costs. This category includes local funding from sales taxes, development impact fees and other sources, as well as already programmed state and federal funds.

[2] **Track 1 Funds** refers to discretionary state and federal funds anticipated to be available over the long term of the RTP (and not already programmed in "Existing Funding").

SAN MATEO COUNTY PROJECTS—TRACK 1

RTP REFERENCE NUMBER	TRACK 1 PROJECT/PROGRAM	TOTAL PROJECT COSTS	EXISTING[1] FUNDING	TRACK 1[2] FUNDS	NOTES
		In millions of 2001 dollars			
	PENINSULA (continued)				
21632	Route 92 from US 101 to I-280: add westbound passing lane	$81.6	$0.0	$81.6	
98176*	US 101 auxiliary lanes from Third Avenue to Millbrae and US 101/Peninsula Avenue interchange reconstruction	$87.0	$60.9	$26.1	Assumes $15 million in state ITIP funding
98567	BART capital program shortfall – see Committed projects (excludes seismic program and replacement of rehabilitated A/B cars)	$41.8	$0.0	$41.8	County share based on population
98568	Caltrain capital replacement program shortfall (San Mateo County share) – see Committed projects	$47.9	$26.0	$21.9	Cost of project divided equally among the three Joint Powers Board counties; local funding commitment from county transportation sales tax measure consistent with Countywide Plan.
	TRANSBAY: SAN MATEO-HAYWARD AND DUMBARTON BRIDGES				
21618*	Dumbarton rail bridge rehabilitation (San Mateo County share)	$71.9	$60.0	$11.9	Assumes $11.9 million in state ITIP funding; San Mateo share funded through Measure A; companion to Alameda County project #21194 and Santa Clara County project #21792. Operating plan TBD by counties.

* Denotes projects that will be completed and operational by 2010 for federal air quality conformity purposes.

1 **Existing Funding** refers to funds that are committed or are considered to be reasonably available in the short term but which do not in themselves fully cover project costs. This category includes local funding from sales taxes, development impact fees and other sources, as well as already programmed state and federal funds.

2 **Track 1 Funds** refers to discretionary state and federal funds anticipated to be available over the long term of the RTP (and not already programmed in "Existing Funding").

SAN MATEO COUNTY BLUEPRINT PROJECTS

RTPID	County	2001Project_Program	2001InvestmentType	Total Project Costs	Existing Funding	Blueprint2001CMA
98528	San Mateo	Seismic retrofit and upgrade of local bridges and overpasses (shortfall)	Blueprint	$21.90	$0.00	$21.90
98203	San Mateo	Widen Route 1 from 2 to 4 Lanes within the Half Moon Bay City Limits	Blueprint	$32.10	$3.70	$28.40
98507	San Mateo	Local streets and roads non-pavement maintenance (shortfall)	Blueprint	$113.10	$0.00	$113.10
21611	San Mateo	Bayfront Expressway extension from Marsh Road to Woodside Road (4 lanes)	Blueprint	$60.00	$0.00	$60.00
21612	San Mateo	Route 84 connector from Dumbarton Bridge to US 101 in Palo Alto	Blueprint	$0.00	$0.00	$0.00
21613	San Mateo	Route 92 improvements, includes uphill passing lane from US 101 to 280	Blueprint	$81.60	$9.40	$71.90
21614	San Mateo	101 Candlestick interchange reconstruction	Blueprint	$45.40	$4.50	$40.90
21615	San Mateo	Widen Route 280 eastbound by one lane from eastbound Route 1 to southbound Route 280 and Serramonte Boulevard	Blueprint	$39.80	$4.10	$35.70
21616	San Mateo	Route 280 Crestview Drive connection	Blueprint	$0.00	$0.00	$0.00
21937	San Mateo	Various US 101 interchange improvements which facilitate ramp metering	Blueprint	$54.60	$0.00	$54.60
21938	San Mateo	High priority Caltrain grade separations	Blueprint	$0.00	$0.00	$0.00
21939	San Mateo	Widen Route 92 between US 101 and I-280 from 4 lanes to 6 lanes	Blueprint	$100.00	$0.00	$100.00
21619	San Mateo	Caltrain Express Tracks (Phase 2) (San Mateo County share)	Blueprint	$85.70	$0.00	$85.70
21620	San Mateo	Caltrain Express Tracks (Phase 3) (San Mateo County share)	Blueprint	$75.30	$0.00	$75.30
21621	San Mateo	Caltrain Additional Rolling Stock (San Mateo County share)	Blueprint	$48.30	$0.00	$48.30
21623	San Mateo	Additional Caltrain local station improvements (in San Mateo County)	Blueprint	$6.80	$0.00	$6.80
21625	San Mateo	Caltrain Grade Separations (Phase 2) (San Mateo County share)	Blueprint	$8.00	$0.00	$8.00

21628	San Mateo	Caltrain Grade Separations (Phase 3) (San Mateo County share)	Blueprint	$425.00	$0.00	$425.00
21629	San Mateo	Caltrain San Francisco Downtown extension (San Mateo County share)	Blueprint	$236.60	$0.00	$236.60
21630	San Mateo	Expansion of SamTrans Express Service	Blueprint	$0.00	$0.00	$0.00
21631	San Mateo	Bicycle and pedestrian projects	Blueprint	$19.00	$0.00	$19.00
21978	San Mateo	Caltrain: Dumbarton commuter rail service from Newark to Millbrae and San Jose	Blueprint	$0.00	$0.00	$0.00