TCCR CORRIDOR #5:
MTC 2001 RTP Corridor Name:

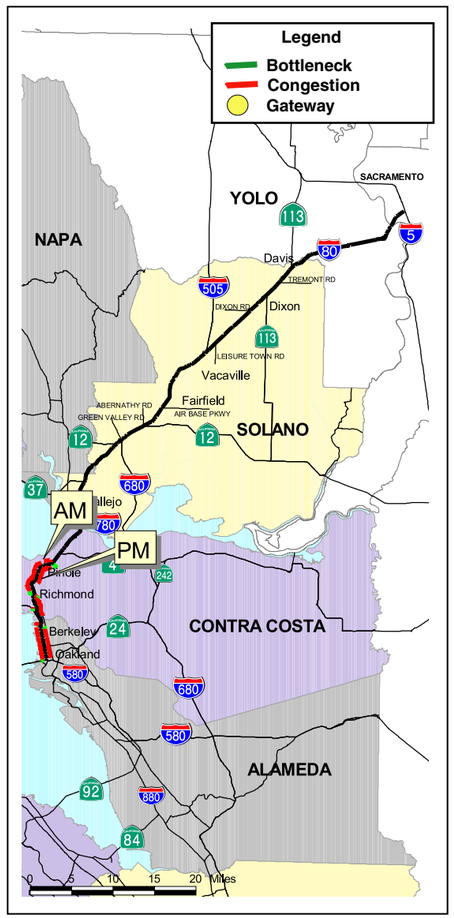
INTERSTATE 80 (SF-Oakland Bay Bridge to Sacramento I-5)

Eastshore North

FOR INFORMATION PURPOSES ONLY 6/25/02

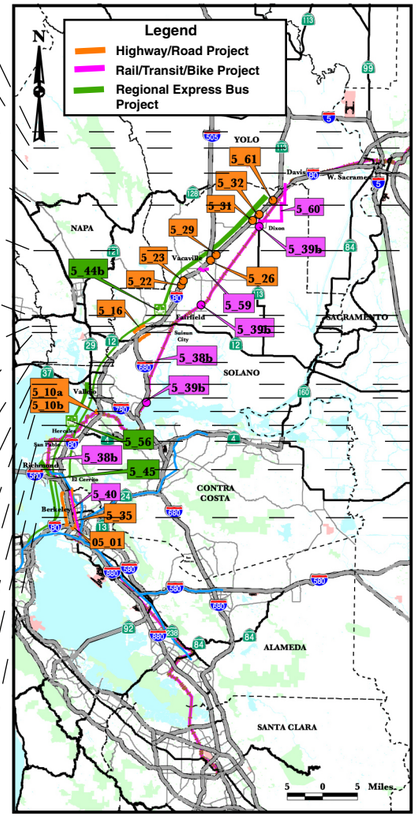
DISTRICT 4
Transportation Planning/Traffic Operations

Existing Conditions (2000)



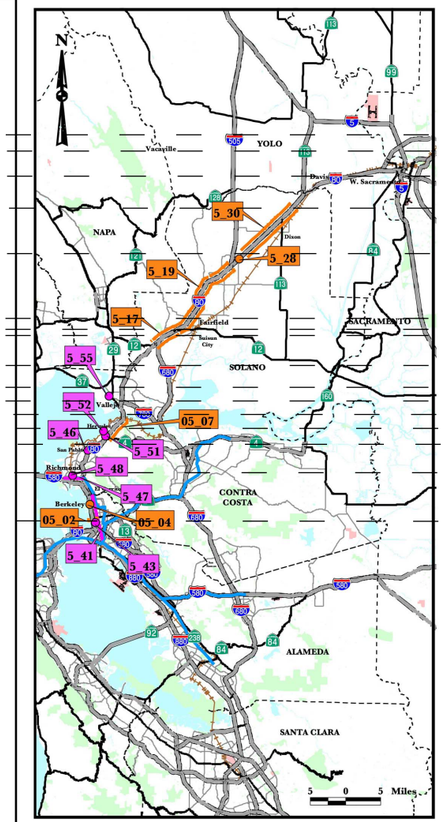
	Location (Post Mile)	Segment	Existing Lanes (2000)	Vehicle Hours Delay (AM/PM) *
I-5	SAC 2.55	SAC A	6F	
YOL/SAC Co. Line	SAC 0.00/ YOL 11.78	YL A	6F	
SOL/YOL Co. Line	YOL 0.00/ SOL 44.72	L	8F	
SR-113	38.21	K	6F	
I-505	30.2	J	8F	
SR-12E	15.82	I	8F	
I-680	11.98	H	8F	
SR-37	5.63	G	6F	
I-780	2.22	F	6F	
CC/SOL Co. Line	SOL 0.00/ CC 14.14	E	6F	
Cummings Skyway	12.75	D	6F	
SR-4	10.06	C	8F (2H)	
Richmond Pkwy	CC 6.60	B	8F (2H)	
I-580	CC 0.00 ALA 8.03 / 7.30	A	10F (2H)	
I-580/80	ALA 2.5			

Major Programmed Projects (Committed Funding)



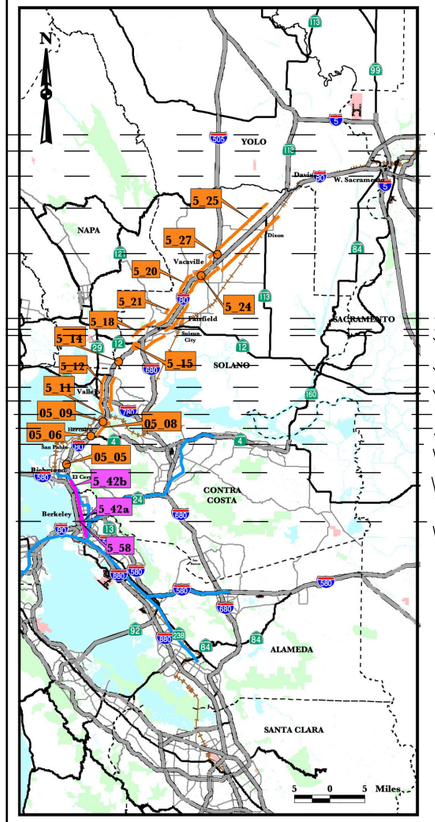
Programmed Configuration (2000-2010)

Major Planned Projects (RTP Track 1, Unprogrammed)



Planned/Regional Vision Configuration (2010-2025)

Major Planned Concept Projects (Blueprint, CTP, CMP, TCCR-TOPS, other)



Highway Operational Concept Configuration (2025) Segment	% ADT Growth Forecast (2000-2020)**
TBD SAC A	50%
TBD YL A	50%
8F L	50%
8F K	50%
10F (2H) J	50%
10F (2H) I	60%
8F (2H) H	60%
8F (2H) G	40%
8F (2H) F	40%
8F (2H) E	50%
8F (2H) D	40%
8F (2H) C	30%
8F (2H) B	30%
10F (2H) A	30%

Sources of Operating Condition Information:
* Caltrans Highway Congestion Report (1998)
** MTC BAYCAST 2000. ADT Growth % is 2000 to 2020.

Sources of Plans and Program Document Information:
▯ 2002 STIP, SHOPP, 2001 TIP, MTC RTP (2001) Committed
▯▯ MTC RTP (2001) Track 1 (unprogrammed)
▯▯▯ MTC Blueprint (2000), County CMPs, Traffic Operational Strategies (TOPS)

MAP LEGEND
101 U.S. Highway
I-80 Interstate Highway
4 California State Highway

Project Code Legend
Proj. # / A: Project Description **Example: 5-2 / A: San Pablo I/C**
5-2: Project Number
A: Source Document Code (highest planning document; see legend, right)

Lane	Classification
F	Freeway
E	Expressway
C	Conventional
H	High Occupancy
R	HOV - Reversible
TCL	Truck Climbing Lane
M#	# of Metering Locations

Source Document Code

A: TIP	F: 2000 Blueprint
B: STIP	G: County CTP/CMP
C: SHOPP	I: TCCR-TOPS
C10: 10-yr SHOPP Plan	
D: Local	J: Construction
E: 2001 RTP	K: Permits
	T: TCRP

Major Programmed Highway Projects (Committed Funding) ▯
Map Number/Source Document Code/Project Name

5-1 / A: Extend existing EB HOV lane on I-80 from Port of Oakland to S of Powell St I/C
5-10 / A: New Carquinez Bridge: construct new suspension bridge west of existing bridges (4 westbound lanes, including an HOV lane, plus new bicycle/ pedestrian pathway) and modify Crockett interchange.
5-16 / A: I-80/I-680/SR-12 interchange improvements; includes connectors and aux lanes btw Green Valley Road and Cordelia truck weigh stations (Phase 1)
5-22 / A: Modify Cherry Glen I/C
5-23 / A: Modify Pena Adobe I/C
5-26 / A: Modify Nut Tree I/C
5-29 / A: Leisure Town Rd. Park and Ride Lot
5-31 / A: Improve Pitts School Rd. I/C
5-32 / A: Modify I-80/SR-113 I/C
5-35 / A: Alameda County: Ramp Metering on I-80 Corridor
5-38 / E: Capitol Corridor intercity rail service (9 round trips daily btw Oakland and Sacramento, and 7 round trips daily between San Jose and Oakland).
5-40 / A: San Pablo Avenue Smart Corridor (Phase 2)
5-44 / E: Regional Express Bus Program: I-80/Solano County to Del Norte BART
5-45 / E: Regional Express Bus Program: I-80/Richmond Transbay
5-56 / E: Regional Express Bus Program: Vallejo/Transbay
5-59 / A: Alamo Creek Class I Bike Path
5-60 / A: Dixon to Davis Bike Route
5-61 / A: West A Street I/C

Major Planned Highway Projects (RTP Track 1) ▯▯
Map Number/Source Document Code/Project Name

5-2 / A: I-80/Ashby-Shellmound interchange modifications, involves construction of two roundabouts and a separate bike-pedestrian overcrossing.
5-4 / A: I-80/Gilman Avenue interchange improvements (includes roundabouts)
5-7 / A: Extend I-80 westbound HOV lane from north of Cummings Skyway to SR-4.
5-17 / E: I-80/I-680/SR-12 interchange improvements (phase 2).
5-19 / E: I-80 HOV lanes between I-680 in Fairfield and I-505 in Vacaville (Phase 1).
5-28 / A: I-80 Reliever Rte (incl. I-80/Leisure Town Rd I/C improvements)
5-30 / A: Widen I-80 from 6 to 8 lanes, Meridian Rd. to East of Pedrick Rd.
5-39 / B: Construct rail stations and track improvements for Capitol Corridor intercity rail service
5-41 / A: Rapid Bus Transit (RBT) in San Pablo Corridor
5-43 / E: Intermodal transit improvements at the Emeryville Amtrak Station (includes parking garage)
5-46 / E: Richmond Parkway Transit Center (Phase 1): includes signal timing, new 700-800 space parking facility, and security improvements at Hilltop park-and-ride lot
5-47 / E: Richmond Greenway and Bikeway
5-48 / E: Richmond intermodal transfer station (BART to Amtrak/Capitol Corridor)
5-51 / E: Hercules Transit Center relocation and expansion
5-52 / E: Capitol Corridor train station in Hercules
5-53 / E: New express buses for I-80 HOV service (capital costs - not shown on map)
5-54 / E: Express bus service on I-80 (capital costs for additional services beyond those in Regional Express Bus Program - not mapped)
5-55 / E: Vallejo intermodal ferry station (Phase 1)

Major Planned, Concept Projects (Blueprint/CTP/CMP/TCCR-TOPS/Other) ▯▯▯
Map Number/Source Document Code/Project Name

5-5 / G: Modify San Pablo Dam Rd. I/C
5-6 / E: I-80/SR-4 Interchange Improvements
5-8 / G: Construct EB HOV lanes, Willow Rd. to Crockett I/C
5-9 / G: Modify I-80/West Cummings Skyway I/C
5-11 / G: Construct Carquinez Bridge HOV lane
5-12 / E: Add new HOV lane in each direction on I-80 btw SR-37 and Carquinez Br.
5-14 / G: Improve American Canyon I/C
5-15/ G: Complete I-80/Red Top Rd. Park and Ride
5-18 / G: I-80/I-680/SR-12 I/C (Phase 3): widen I-80 by 2 lanes in each direction (1 mixed flow and 1 HOV lane) between I-680 and SR-12 (west).
5-20 / E: I-80 HOV lanes btw I-680 in Fairfield and I-505 in Vacaville (Phase 2)
5-21 / G: Aux Lanes btw Travis Blvd and Air Base Parkway
5-24 / G: Bella Vista Park & Ride
5-25 / E: Widening of I-80 from 6 lanes to 8 lanes between I-505 in Vacaville and Pedrick Road in Dixon
5-27 / G: I-505/Vaca Valley I/C
5-33 / G: Improve Pedrick Rd. I/C
5-34 / C10: Alameda County: Corridor-wide TMS and fiber elements (not mapped)
5-36 / C10: Contra Costa County: Corridor-wide TMS and fiber elements (not mapped)
5-37 / C10: Solano County: Corridor-wide TMS and fiber elements (not mapped)
5-42 / E: Rapid Bus Transit on San Pablo Avenue (additional service)
5-49 / E: BART from Richmond to Hilltop Mall
5-50 / G: BART from Hilltop Mall to Hercules
5-58 / G: Emeryville-Doyle Bike Improvement