

18-05

**REPORT OF THE GENERAL MANAGER
BOARD OF DIRECTORS
MEETING OF OCTOBER 14, 2005**



The Honorable Board of Directors
Golden Gate Bridge, Highway and Transportation District

Honorable Members:

GOLDEN GATE BRIDGE SEISMIC RETROFIT PROJECT PHASE 2 HONORED BY ASCE

The District's Golden Gate Bridge Seismic Retrofit Project Phase 2 was recognized as *The Special Earthquake Engineering Project of the Year* by the American Society of Civil Engineers - San Francisco Section. The District received an award plaque at the ASCE SF Section Annual Dinner.

Acknowledgments go out to the District's project construction management team for understanding complex design and construction issues and enabling a collaborative problem solving; to the Designer for developing innovative, efficient and cost-effective retrofit design that involves never-before-used retrofit techniques; and to the Contractor for building this technically very complex project despite harsh weather, restricted space and access and numerous permit restrictions.

Special thanks are extended to the Engineering Department staff and construction management consultant staff for their dedication and for a job well done.

**GOLDEN GATE BRIDGE PAINT SUPERINTENDENT DENNIS DELLARocca
FEATURED IN CHILDREN'S PUBLICATION**

Golden Gate Bridge Paint Superintendent Dennis "Rocky" Dellarocca is featured in a just published children's book entitled "*Extreme Jobs - High-Rise Worker.*" by Tony Hyland, published by Macmillan Library. The book features a series of one-page vignettes about people who work in high places. Mr. Dellarocca's one-page profile describes, in his own words, his job, work experience, the work environment and exactly why he loves his job on the Golden Gate Bridge.

GOLDEN GATE BRIDGE IRONWORKER DARRELL BAILEY HONORED

Golden Gate Bridge Ironworker Darrell Bailey has been honored as a "2005 Marin County Community Hero" for his role in a dramatic and difficult suicide rescue on the Golden Gate Bridge in 2003. Mr. Bailey attended an award ceremony where he received certificates from the American Red Cross, the Marin County Board of Supervisors, California State Assemblyman Joe Nation and Congresswoman Lynn Woolsey. After recently learning about his selection to receive the award, Mr. Bailey points out that there were others involved in the situation and it was truly a team effort. There are many heroes working at the Golden Gate Bridge and Mr. Bailey is a fine example.

GOLDEN GATE BRIDGE DISTRICT'S PRINCIPAL PLANNER MAURICE PALUMBO RECEIVES INDUSTRY RECOGNITION

The District's Principal Planner Maurice Palumbo is receiving industry recognition for his technical work addressing a problem he encountered while working with road designers on accommodating the District's 45-foot MCI coaches.

To assist the District in validating left and right turning radii, the District was awarded an on-call assistance project from the Metropolitan Transportation Commission's Traffic Engineering Technical Assistance Program (TETAP). MTC selected T.Y. Lin International/CCS (TYLI) to evaluate the turning radius of a Golden Gate Transit 45-foot coach. The purposes of the project are to:

- Measure turn radius for a right turn of GGT 45-foot coaches;
- Determine differences (if any) between an ideal and a normal coach; and
- Compare the radii to "design vehicle" standards published by AASHTO

Mr. Palumbo's efforts have yielded a comprehensive report which will be available for distribution nationwide.

SPECIAL EVENT/EXPRESSIVE ACTIVITY REQUESTS

The following page contains dates, times and sponsoring agencies of special events and expressive activities for which permits have been sought. The following applications were received since last reported to the Board in the September 23, 2005, Report of the General Manager:

<u>Event Date</u>	<u>Event Title</u>	<u>Location</u>	<u>Type*</u>	<u>Expected No. Participants</u>
October 11, 2005	Flagman's Monthly Walk	East Sidewalk	EX	1
October 15, 2005	"The Relay" (Organs 'R' Us)	East Sidewalk, East & West Lot, East & West Railroad	SE	300

The types of permits are as follows: EX – Expressive Activity and SE – Special Event

BRIDGE TRAFFIC FOR THE MONTH OF JULY 2005

Bridge traffic for the month of July increased .84% to 3,448,944 vehicles as compared to the previous year's total of 3,420,264 vehicles during the month of July. Average daily traffic reflects an increase from 110,331 in July 2004, to 111,256 in July 2005. The highest traffic day recorded was Tuesday, July 5, when 119,422 vehicles crossed the Bridge (Attachment 1).

VEHICLE TRAFFIC INCIDENTS FOR THE MONTH OF JULY 2005

Of the 3,448,944 vehicles that crossed the Golden Gate Bridge in July, there were 15 traffic incidents detailed as follows:

VEHICLE TRAFFIC INCIDENTS FOR THE MONTH OF JULY 2005 (continued)

GOLDEN GATE BRIDGE AND TOLL PLAZA				
Vehicle Traffic Incident	Occurrences	Vehicles	Injuries	Fatalities
HB – Hit Barrier	1	1	0	0
RE – Rear Ender	7	19	4	0
TOTAL	8	20	4	0
APPROACHES – (Waldo Grade, Alexander Ave., Doyle Drive & Park Presidio Blvd.)				
Vehicle Traffic Incident	Occurrences	Vehicles	Injuries	Fatalities
HB – Hit Barrier	2	3	0	0
HO – Head On	1	2	0	0
RE – Rear Ender	2	6	0	0
RO – Roll Over	1	1	1	0
SS – Side Swipe	1	3	0	0
TOTAL	7	35	5	0

BRIDGE TRAFFIC FOR THE MONTH OF AUGUST 2005

Bridge traffic for the month of August increased 1.01% to 3,516,208 vehicles as compared to the previous year’s total of 3,480,928 vehicles during the month of August. Average daily traffic reflects an increase from 112,288 in August 2004, to 113,426 in August 2005. The highest traffic day recorded was Friday, August 26, when 118,358 vehicles crossed the Bridge (Attachment 2).

VEHICLE TRAFFIC INCIDENTS FOR THE MONTH OF AUGUST 2005

Of the 3,516,208 vehicles that crossed the Golden Gate Bridge in August, there were 16 traffic incidents detailed as follows:

GOLDEN GATE BRIDGE AND TOLL PLAZA				
Vehicle Traffic Incident	Occurrences	Vehicles	Injuries	Fatalities
HB – Hit Barrier	2	2	0	0
RE – Rear Ender	3	6	1	0
O - Others	2	2	1	0
TOTAL	7	10	2	0
APPROACHES – (Waldo Grade, Alexander Ave., Doyle Drive & Park Presidio Blvd.)				
Vehicle Traffic Incident	Occurrences	Vehicles	Injuries	Fatalities
HB – Hit Barrier	3	3	1	0
RE – Rear Ender	5	13	2	0
SS – Side Swipe	1	2	0	0
TOTAL	9	18	3	0

GOLDEN GATE TRANSIT BUS SYSTEM PERFORMANCE REPORT – AUGUST 2005

Attached is the *Golden Gate Transit Bus System Performance Report* for the month of August 2005. This report provides a breakdown of monthly patronage by county bus services (Attachment 3).

FERRY STATISTICS – AUGUST 2005

During the month of August, Larkspur ferry service carried 144,095 passengers. Morning commute runs carried 36,009 passengers, and evening commute runs carried 55,978. A total of 1,049 crossings were scheduled and completed. Of the 1,049 crossings, 30 were SBC Park service crossings and 4 were special event crossings to the Dave Matthews Concerts on August 12th and 13th. Averages were:

Daily	4,648
Weekdays	5,490
Sat., Sun., Hol.	2,064
AM Commute	1,565
PM Commute	2,434
Larkspur to SBC Park (Weekday)	368
SBC Park to Larkspur (Weekday)	434
Larkspur to SBC Park (Sat, Sun, Hol.)	638
SBC Park to Larkspur (Sat, Sun, Hol.)	642

Sausalito ferry service carried 55,384 passengers during the month of August. Morning commute runs carried 4,554 passengers, and evening commute runs carried 22,345. A total of 518 crossings were scheduled and completed. Averages were:

Daily	1,786
Weekdays	1,781
Sat., Sun., Hol.	1,801
AM Commute	198
PM Commute	971

Tables detailing August Larkspur and Sausalito Ferry patronage are attached (Attachments 4-5).

Respectfully submitted,

Celia G. Kupersmith
General Manager

Attachments

CGK:ak:sp

GOLDEN GATE BRIDGE, HIGHWAY AND TRANSPORTATION DISTRICT

Cumulative Record of Traffic for the Month, Fiscal Year to Date, Last 12 Months,
and Since the Bridge's Opening Day, May 27, 1937

REVENUE VEHICLES	MONTH OF:		FISCAL YEAR TO DATE			12 MONTHS ENDING:			TOTAL SINCE	
	2005	July 2004	05/06	04/05	2005	2004	July 2004	1937 INCEPTION	July 2004	% Δ
2-Axle Vehicles	3,306,370	3,276,970	3,306,370	3,276,970	0.90%	37,331,200	37,362,020	1,623,393,950	-	-0.08%
Auto Trailers (1)	-	-	-	-	0%	-	-	4,057,611	-	0.00%
Buses (1)	-	-	-	-	0%	-	-	7,873,075	-	0.00%
Multi-Axle Vehicles (1)	22,806	23,442	22,806	23,442	-2.71%	228,782	223,334	42,495,381	223,334	2.44%
Disabled Patron Vehicles	4,168	4,278	4,168	4,278	-2.57%	51,752	50,884	676,528	50,884	1.71%
Revenue Vehicles Subtotal	3,333,344	3,304,690	3,333,344	3,304,690	0.87%	37,611,734	37,636,238	1,678,496,545	37,636,238	-0.07%
NON-REVENUE VEHICLES										
Federal (2)	1,480	1,898	1,480	1,898	-22.02%	21,638	23,636	24,433,222	23,636	-8.45%
CHP/GGBHTD (3)	18,890	18,446	18,890	18,446	2.41%	214,244	239,716	7,256,188	239,716	-10.63%
Golden Gate Transit Buses (3)	10,684	9,448	10,684	9,448	13.08%	123,758	136,280	6,586,250	136,280	-9.19%
Free Vehicles (4)	-	-	-	-	0.00%	-	-	380,322	-	0.00%
Commuter Period Carpool (4)	84,546	85,782	84,546	85,782	-1.44%	854,012	842,858	26,532,602	842,858	1.32%
Non-Rev. Vehicles Subtotal:	115,600	115,574	115,600	115,574	0.02%	1,213,652	1,242,490	65,188,584	1,242,490	-2.32%
TOTAL VEHICLES (5)										
TOTAL REVENUE	\$ 3,448,944	\$ 3,420,264	\$ 3,448,944	\$ 3,420,264	0.84%	\$ 38,825,386	\$ 38,878,728	\$ 1,743,685,129	\$ 38,878,728	-0.14%
AVG DAILY REVENUE	\$ 7,341,776	\$ 7,471,296	\$ 7,341,776	\$ 7,471,296	-1.73%	\$ 61,054,452	\$ 61,464,647	\$ 1,135,201,292	\$ 61,464,647	-0.67%
AVG TOLL / REV. VEHICLE	\$ 236,831	\$ 241,010	\$ 236,831	\$ 241,010	-1.73%	\$ 167,272	\$ 168,396	\$ 47,684	\$ 168,396	-0.67%
AVERAGE DAILY VEHICLES	\$ 2,2025	\$ 2,2608	\$ 2,2025	\$ 2,2608	-2.58%	\$ 1,6233	\$ 1,6331	\$ 0,6763	\$ 1,6331	-0.60%
	111,256	110,331	111,256	110,331	0.84%	106,371	106,517	73,243	106,517	-0.14%

(1) Autos with Trailers, 3-Axle Buses, and Trucks are now categorized as Multi-Axle Vehicles; 2-Axle Buses and Trucks are now under 2-Axle Vehicles, as of January 1, 2000.

(2) Army, Navy, and Air Force vehicles and personnel required to use the Golden Gate Bridge are entitled to toll-free passage under Federal law.

(3) Statistics for CHP and District vehicles were not compiled prior to July 7, 1970; Compilation of Golden Gate Transit Buses began January 1, 1992.

(4) Free passage for carpools commenced April 12, 1976. Free vehicles occurred in October of 1989, due to heavy traffic after the Loma-Prieta earthquake.

(5) This figure is DOUBLE the Monthly Total of ALL SOUTHBOUND vehicles to determine an estimate of total Vehicles for BOTH Northbound AND Southbound traffic.

This Month's Traffic Record
 High: Tuesday, July 5, 2005
 Low: Saturday, July 2, 2005

All Time Traffic Record
 High: Friday, October 27, 1989
 Low: Thursday, December 9, 1937

This Month's Weather
 Number of days with no rain 31
 Number of days with rain 0

GOLDEN GATE BRIDGE, HIGHWAY AND TRANSPORTATION DISTRICT

Cumulative Record of Traffic for the Month, Fiscal Year to Date, Last 12 Months,
and Since the Bridge's Opening Day, May 27, 1937

REVENUE VEHICLES	MONTH OF:		2005			FISCAL YEAR TO DATE			12 MONTHS ENDING:			August		TOTAL SINCE 1937 INCEPTION
	2005	August 2004	% Δ	05/06	04/05	% Δ	2005	2004	% Δ	2004	% Δ	2004	% Δ	
2-Axle Vehicles	3,361,444	3,333,778	0.83%	6,667,814	6,610,748	0.86%	37,358,866	37,371,700	-0.03%	-	-	37,371,700	-0.03%	1,626,755,394
Auto Trailers (1)	-	-	0%	-	-	0%	-	-	0.00%	-	-	-	0.00%	4,057,611
Buses (1)	-	-	0%	-	-	0%	-	-	0.00%	-	-	-	0.00%	7,873,075
Multi-Axle Vehicles (1)	22,730	23,426	-2.97%	45,536	46,868	-2.84%	228,086	224,250	1.71%	228,086	224,250	224,250	1.71%	42,518,111
Disabled Patron Vehicles	4,508	4,324	4.26%	8,676	8,602	0.86%	51,936	50,904	2.03%	51,936	50,904	50,904	2.03%	681,036
Revenue Vehicles Subtotal	3,388,682	3,361,528	0.81%	6,722,026	6,666,218	0.84%	37,638,888	37,646,854	-0.02%	37,638,888	37,646,854	37,646,854	-0.02%	1,681,885,227
NON-REVENUE VEHICLES														
Federal (2)	1,754	1,870	-6.20%	3,234	3,768	-14.17%	21,522	23,684	-9.13%	21,522	23,684	23,684	-9.13%	24,434,976
CHP/GGBHTD (3)	19,224	18,306	5.01%	38,114	36,752	3.71%	215,162	237,692	-9.48%	215,162	237,692	237,692	-9.48%	7,275,412
Golden Gate Transit Buses (3)	11,490	10,228	12.34%	22,174	19,676	12.70%	125,020	132,812	-5.87%	125,020	132,812	132,812	-5.87%	6,597,740
Free Vehicles (4)	-	-	0.00%	-	-	0.00%	-	-	0.00%	-	-	-	0.00%	380,322
Commute Period Carpool (4)	95,058	88,996	6.81%	179,604	174,778	2.76%	860,074	846,722	1.58%	860,074	846,722	846,722	1.58%	26,627,660
Non-Rev. Vehicles Subtotal:	127,526	119,400	6.81%	243,126	234,974	3.47%	1,221,778	1,240,910	-1.54%	1,221,778	1,240,910	1,240,910	-1.54%	65,316,110
TOTAL VEHICLES (5)														
TOTAL REVENUE	3,516,208	3,480,928	1.01%	6,965,152	6,901,192	0.93%	38,860,666	38,887,764	-0.07%	38,860,666	38,887,764	38,887,764	-0.07%	1,747,201,337
AVG DAILY REVENUE	\$ 7,674,509	\$ 7,564,844	1.45%	\$ 15,016,295	\$ 15,036,140	-0.13%	\$ 61,574,312	\$ 61,677,298	-0.17%	\$ 61,574,312	\$ 61,677,298	\$ 61,677,298	-0.17%	\$ 1,142,875,801
AVG TOLL / REV. VEHICLE	\$ 247,565	\$ 244,027	1.45%	\$ 242,198	\$ 242,518	-0.13%	\$ 168,697	\$ 168,979	-0.17%	\$ 168,697	\$ 168,979	\$ 168,979	-0.17%	\$ 47,943
AVERAGE DAILY VEHICLES	\$ 2,2647	\$ 2,2504	0.64%	\$ 2,2339	\$ 2,2556	-0.96%	\$ 1,6359	\$ 1,6383	-0.15%	\$ 1,6359	\$ 1,6383	\$ 1,6383	-0.15%	\$ 0,6795
	113,426	112,288	1.01%	112,341	111,310	0.93%	106,468	106,542	-0.07%	106,468	106,542	106,542	-0.07%	73,295

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(4) Free passage for carpools commenced April 12, 1976. Free vehicles occurred in October of 1989, due to heavy traffic after the Loma-Prieta earthquake.

(5) This figure is DOUBLE the Monthly Total of ALL SOUTHBOUND vehicles to determine an estimate of total Vehicles for BOTH Northbound AND Southbound traffic.

This Month's Traffic Record
High: Friday, August 26, 2005 118,358
Low: Sunday, August 14, 2005 104,250

All Time Traffic Record
High: Friday, October 27, 1989 162,414
Low: Thursday, December 9, 1937 3,878

This Month's Weather
Number of days with no rain 30
Number of days with rain 1

Golden Gate Transit Bus System Performance Report for August 2005

All Routes **As of August-05**

	August-05	July-05	% Chg	August-04	% Chg	Marin	Sonoma	SF	M/SF	S/SF	S/M	EB	M/EB	S/EB	SF/EB
Total Patrons:	635,874	588,154	8.1%	617,355	3.0%	343,446	5,994	2,576	195,495	46,932	20,787	407	19,790	182	265
Avg /WD	23,964	23,478	2.1%	24,220	-1.1%	12,384	203	95	7,823	1,910	770	17	747	5	10
Avg / Sat	11,619	11,899	-2.4%	10,506	10.6%	8,116	190	52	2,078	373	402	4	389	10	5
Avg / Sun/Hol	9,544	9,867	-3.3%	8,533	11.8%	6,549	143	45	1,813	361	357	2	264	7	3

	Bus Service				Service		DH		Canx		Serv.		DH		Total	
	Trips	Trips	Hours	Hours	Hours	Hours	Hours	Hours	Trips	Trips	Miles	Miles	Miles	Miles	Miles	Days
Passenger Revenue																
Cash	\$648,192															
# Tickets	168,925															
Ticket \$	\$582,043															
Transfers	145,571															
Free	11,707															
Translink	1,904															
Total Revenue	\$1,230,235															
Audit Revenue	\$1,334,029															
Adjustment	108.4%															
Operating Expense																
Expense	\$5,899,527															
Audit Expense	\$5,841,035															
Adjustment	99.0%															
Route Performance																
Riders per Trip	26															
Load Factor	60.7%															
Riders per Hour	22															
Fare Recovery	22.8%															
Deficit per Passenger	\$7.09															
Cancellation Rate	0.0%															
Data Input Quality																
Substituted Trips	2,129															
Substitution Percent	8.7%															

LARKSPUR FERRY TOTAL PATRONAGE

ACTUAL						MONTHLY COMPARISONS		
	04/05 MONTHLY PAX	CUMUL 04/05 TOTAL	2005/06 MONTHLY PAX	CUMUL 2005/06 TOTAL	2005/06 TO 04/05 +/-	CUMUL 2005/06 TO 04/05 +/-	CUMUL 2005/06	
							CUMUL 2005/06 WEIGHT ESTIMATE	ACTUAL TO WEIGHT ESTIMATE +/-
JULY	133,446	133,446	131,467	131,467	(1) %	(1) %	156,178	(16) %
AUGUST	137,899	271,345	144,095	275,562	4 %	2 %	299,157	(8) %
SEPTEMBER	124,248	395,593					433,415	
OCTOBER	98,776	494,369					547,018	
NOVEMBER	98,702	593,071					632,122	
DECEMBER	104,954	698,025					727,277	
JANUARY	87,549	785,574					814,049	
FEBRUARY	83,318	868,892					882,265	
MARCH	106,883	975,775					982,918	
APRIL	114,099	1,089,874					1,104,458	
MAY	121,887	1,211,761					1,224,678	
JUNE	125,322	1,337,083					1,363,421	

LARKSPUR FERRY COMMUTE PATRONAGE

ACTUAL						MONTHLY COMPARISONS
	04/05 COMMUTE PAX	CUMUL 04/05 TOTAL	2005/06 COMMUTE PAX	CUMUL 2005/06 TOTAL	2005/06 TO 04/05 +/-	CUMUL 2005/06 TO 04/05 +/-
JULY	79,478	79,478	79,436	79,436	(0) %	(0) %
AUGUST	84,372	163,850	91,987	171,423	9 %	5 %
SEPTEMBER	76,989	240,839				
OCTOBER	72,842	313,681				
NOVEMBER	70,070	383,751				
DECEMBER	73,135	456,886				
JANUARY	68,667	525,553				
FEBRUARY	63,778	589,331				
MARCH	80,927	670,258				
APRIL	75,219	745,477				
MAY	75,680	821,157				
JUNE	85,082	906,239				

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SAUSALITO FERRY TOTAL PATRONAGE

ACTUAL						MONTHLY COMPARISONS		
	04/05 MONTHLY PAX	CUMUL 04/05 TOTAL	2005/06 MONTHLY PAX	CUMUL 2005/06 TOTAL	2005/06 TO 04/05 +/-	CUMUL 2005/06 TO 04/05 +/-	CUMUL 2005/06	
							CUMUL 2005/06 WEIGHT ESTIMATE	ACTUAL TO WEIGHT ESTIMATE +/-
JULY	47,169	47,169	55,918	55,918	19 %	19 %	51,869	8 %
AUGUST	49,275	96,444	55,384	111,302	12 %	15 %	104,321	7 %
SEPTEMBER	45,261	141,705					153,968	
OCTOBER	34,508	176,213					190,812	
NOVEMBER	27,161	203,374					213,388	
DECEMBER	23,037	226,411					232,635	
JANUARY	19,171	245,582					251,340	
FEBRUARY	21,337	266,919					273,345	
MARCH	33,795	300,714					305,571	
APRIL	33,342	334,056					340,593	
MAY	40,216	374,272					380,549	
JUNE	40,590	414,862					423,264	

SAUSALITO FERRY COMMUTE PATRONAGE

ACTUAL						MONTHLY COMPARISONS
	04/05 COMMUTE PAX	CUMUL 04/05 TOTAL	2005/06 COMMUTE PAX	CUMUL 2005/06 TOTAL	2005/06 TO 04/05 +/-	CUMUL 2005/06 TO 04/05 +/-
JULY	15,700	15,700	20,627	20,627	31 %	31 %
AUGUST	17,672	33,372	26,899	47,526	52 %	42 %
SEPTEMBER	14,212	47,584				
OCTOBER	12,827	60,411				
NOVEMBER	10,835	71,246				
DECEMBER	10,774	82,020				
JANUARY	9,220	91,240				
FEBRUARY	9,715	100,955				
MARCH	14,338	115,293				
APRIL	12,663	127,956				
MAY	13,476	128,769				
JUNE	15,344	143,300				

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