

Peninsula Corridor JPB Caltrain Rail Transportation Group Generation II Cars Update

Bicycle Advisory Committee March 17, 2016 Agenda Item #8



Service Fleet Configuration

- 16 Bombardier Cars (from Metrolink)
- Phase 1
 - 5 Cars Rehabbed and in Service
 - Current Caltrain Fleet Configuration
 - Five 6-Car Bombardier Sets (2 bike cars / train)
 - Fifteen 5-Car Gallery Sets (2 bike cars / train)



Service Fleet Configuration

- Phase 2
 - 5 Cars got rehabbed as bike cars Completed
 - Scheduled Service date April 4, 2016
 - Replace a trailer car from each 5 Bombardier Trains
 - Future Caltrain Fleet Configuration
 - Five 6-Car Bombardier Sets (3 bike cars / train)
 - Fifteen 5-Car Gallery Sets (2 bike cars / train)



Service Fleet Configuration

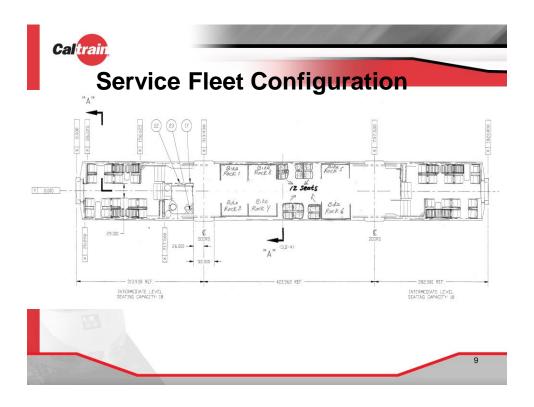
- Phase 2 Continues
 - Scope of Work for the rehab work
 - Train compatibility with current fleet
 - Lighting and Communication System update
 - Water System, signage and windows replacement
 - PNA ramp modification
 - Floor replacement
 - Bike Rack Purchase and Application

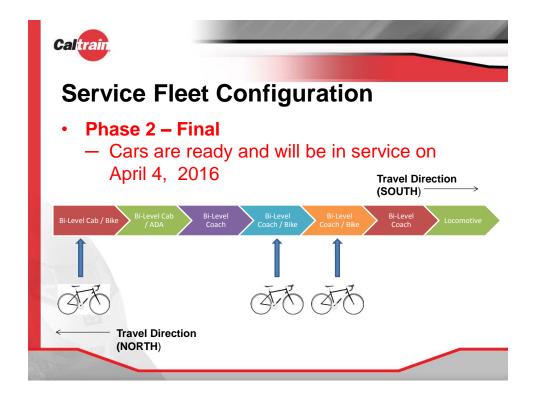








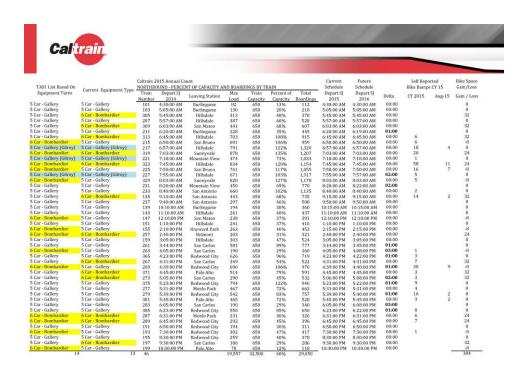






Service Fleet Configuration Logic

- Keep current car configuration (Last car & 4th from end: bike cars)
- ADA cars need to align with current mini-high platform locations
- All trains will be staffed with two conductors
- Two bike cars needed to be next to each other for conductors to manage bikes car capacity





TASI List Based On Equipment Turns	Current Equipment Type	Train	Depart SF	Leaving Station	ND BOARDINGS BY TR Max Train		Percent of	Total	D	Depart SF		Bike Bump	S UY 15	Gain/Los:
		Number				Capacity		Boardings	Depart SF 2015	2016	Delta	CY 2015	Aug-16	Gain / Lo
lar - Bombardier	6 Car - Bombardier	102	4:55:00 AM	Redwood City	69	650	11%	125	4:55:00 AM	4:55:00 AM	00:00			24
ar - Bombardier	5 Car - Gallery	104	5:25:00 AM	Menlo Park	127	650	20%	187	5:25:00 AM		00:00			-8
ar - Bombardier	6 Car - Bombardier	206	6:11:00 AM	San Carlos	251	650	39%	414	6:11:00 AM	6:06:00 AM	05:00	4		24
ar - Gallery	5 Car - Gallery	208	6:24:00 AM	San Carlos	191	650	29%	418	6:24:00 AM	6:24:00 AM	00:00			0
ar - Gallery	5 Car - Gallery	210	6:44:00 AM	San Carlos	394	650	61%	761	6:44:00 AM	6:44:00 AM	00:00			0
ar - Gallery	5 Car - Gallery	312	6:57:00 AM	Millbrae	481	650	74%	549	6:57:00 AM	6:56:00 AM	01:00			0
ar - Gallery	6 Car - Bombardier	314	7:14:00 AM	Hillsdale	603	650	93%	689	7:14:00 AM	7:12:00 AM	02:00	47	3	32
ar - Gallery	5 Car - Gallery	216	7:19:00 AM	San Carlos	378	650	58%	541	7:19:00 AM	7:19:00 AM	00:00			0
Car - Gallery	6 Car - Bombardier	218	7:24:00 AM	San Carlos	339	650	52%	556	7:24:00 AM	7:24:00 AM	00:00			32
ar - Gallery	5 Car - Gallery	220	7:44:00 AM	San Carlos	673	650	104%	938	7:44:00 AM	7:44:00 AM	00:00	9	5	0
ar - Gallery	5 Car - Gallery	322	7:57:00 AM	Millbrae	625	650	96%	700	7:57:00 AM		01:00	22	. 5	0
ar - Gallery	5 Car - Gallery	324	8:14:00 AM	Hillsdale	651	650	100%	732	8:14:00 AM		02:00	25	12	0
ar - Gallery	5 Car - Gallery	226	8:19:00 AM	Hillsdale	370	650	57%	544	8:19:00 AM		00:00	6	-	0
ar - Bombardier	6 Car - Bombardier	228	8:24:00 AM	San Carlos	271	650	42%	469	8:24:00 AM		00:00	500		24
ar - Gallery	5 Car - Gallery	230	8:44:00 AM	Millbrae	540	650	83%	705	8:44:00 AM		00:00	5		0
ar - Gallery	5 Car - Gallery	332	8:57:00 AM	Millbrae	548	650	84%	607	8:57:00 AM		01:00	B		0
ar - Bombardier	5 Car - Gallery	134	9:07:00 AM	Burlingame	272	650	42%	450	9:07:00 AM		07:00	2		-8
ar - Gallery	5 Car - Gallery	236	9:37:00 AM	Millbrae	300	650	46%	412	9:37:00 AM		00:00	2.0		0
ar - Bombardier	6 Car - Bombardier	138	10:07:00 AM	San Mateo	289	650	44%	435	10:07:00 AM		07:00	1		24
ar - Bombardier	5 Car - Gallery	142	11:07:00 AM	Millbrae	270	650	42%	427	11:07:00 AM		07:00	1		-8
ar - Bombardier	6 Car - Bombardier	146				650			12:07:00 PM		07:00			24
ar - Gallery	5 Car - Gallery		12:07:00 PM	San Mateo	229		35% 38%	373			07:00			0
ar - Gallery	5 Car - Gallery	150 152	1:07:00 PM	Hayward Park	247	650		421	1:07:00 PM	2:00:00 PM	07:00			0
ar - Gallery ar - Gallery	5 Car - Gallery 5 Car - Gallery		2:07:00 PM	Hayward Park	240	650	37%	456			00:00			0
	5 Car - Gallery (Gilroy)	254	2:37:00 PM	Palo Alto	214	650	33%	398	2:37:00 PM		07:00	0		0
ar - Gallery (Gilroy)		156	3:07:00 PM	California Ave.	557	650	86%	1,029		3:00:00 PM	00:00	0		0
ar - Gallery	5 Car - Gallery	258	3:37:00 PM	California Ave.	463	650	71%	797	3:37:00 PM					0
ar - Gallery	5 Car - Gallery	360	4:09:00 PM	Palo Alto	531	650	82%	748	4:09:00 PM		01:00			0
ar - Gallery	5 Car - Gallery	262	4:19:00 PM	California Ave.	456	650	70%	771		4:19:00 PM	00:00			
ar - Gallery	5 Car - Gallery	264	4:27:00 PM	Menlo Park	448	650	69%	752	4:27:00 PM		01:00	0.000		0
ar - Bombardier	6 Car - Bombardier	366	4:33:00 PM	Palo Alto	809	650	124%	1,150		4:33:00 PM	00:00	3		24
ar - Gallery (Gilroy)	5 Car - Gallery (Gilroy)	268	4:56:00 PM	California Ave.	763	650	117%	1,500	4:56:00 PM		01:00	1		0
ar - Bombardier	6 Car - Bombardier	370	5:14:00 PM	Millbrae	762	650	117%	972		5:12:00 PM	02:00	9		24
ar - Gallery	5 Car - Gallery	272	5:20:00 PM	San Francisco	653	650	101%	983		5:20:00 PM	00:00	0		0
ar - Gallery (Gilroy)	5 Car - Gallery (Gilroy)	274	5:27:00 PM	Menlo Park	325	650	50%	693	5:27:00 PM		01:00	0		0
ar - Bombardier	5 Car - Gallery	376	5:33:00 PM	Millbrae	830	650	128%	1,093		5:33:00 PM	00:00	18	4	-8
ar - Bombardier	5 Car - Gallery	278	5:56:00 PM	Millbrae	778	650	120%	1,111	5:56:00 PM		01:00	4		-8
ar - Gallery	6 Car - Bombardier	380	6:14:00 PM	Millbrae	656	650	101%	766	6:14:00 PM	6:12:00 PM	02:00	7		32
ar - Gallery	6 Car - Bombardier	282	6:20:00 PM	San Francisco	481	650	74%	646	6:20:00 PM	6:20:00 PM	00:00	3		32
ar - Bombardier	5 Car - Gallery	284	6:27:00 PM	Millbrae	213	650	33%	369	6:27:00 PM	6:28:00 PM	01:00			-8
ar - Gallery	5 Car - Gallery	386	6:33:00 PM	Millbrae	560	650	86%	693	6:33:00 PM	6:33:00 PM	00:00	3		0
ar - Gallery	6 Car - Bombardier	288	6:56:00 PM	Millbrae	549	650	84%	739	6:56:00 PM	6:55:00 PM	01:00	14		32
ar - Gallery	5 Car - Gallery	190	7:30:00 PM	Millbrae	444	650	68%	684	7:30:00 PM	7:33:00 PM	03:00			0
ar - Gallery	5 Car - Gallery	192	8:30:00 PM	Millbrae	422	650	65%	597	8:40:00 PM		00:00			0
ar - Gallery	6 Car - Bombardier	194	9:30:00 PM	Millbrae	254	650	39%	359	9:40:00 PM	9:40:00 PM	00:00			32
ar - Gallery	5 Car - Gallery	196	10:30:00 PM	Millbrae	198	650	30%	268	10:40:00 PM		00:00			0
ar - Gallery	6 Car - Bombardier	198	12:01:00 AM	Millbrae	135	650	21%	165	12:01:00 AM		00:00			32
13		46	ARIVALOV PIPE	ramarae	19,863	31,850	62%	29,195	**************************************	THE PARTY OF THE P				34



Equipment Lineup and Train Turns

3/15/2016

Equipment Line	ap and me	ann rain	3		3/	13/2010			
Equipment	Train #								
5 Car - Gallery	101	312	231	258	279				
5 Car - Gallery	103	314	135	156					
5 Car - Gallery	305	216	237	264	385	194			
5 Car - Gallery	207	220	139	262	283				
5 Car - Gallery	309	322	273	288	197				
5 Car - Gallery	211	324	151	360	381				
5 Car - Gallery	313	226	261	274					
5 Car - Gallery	217	332	159	272	191				
6 Car - Bombardier	319	134	257	366	287	198			
5 Car - Gallery	221	236	371	380	195	196			
6 Car - Bombardier	225	138	147	370	289				
5 Car - Gallery	227	152	365	386					
6 Car - Bombardier	102	215	228	269	284				
6 Car - Bombardier	104	329	142	155	376	193			
6 Car - Bombardier	206	323	146	263	278	199			
5 Car - Gallery	208	233	150	375	190				
5 Car - Gallery	210								
5 Car - Gallery	218	267	282						
5 Car - Gallery	230	143	254	277	192				
5 Car - Gallery	268								



