

# **Intercommunity Transit**

## Just Do It!

Presented by: Charles P. Hobbs  
West Hills, CA 91304  
818 700 8464

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## Introduction:

There is a growing need for intercity transit service between Lompoc, Santa Maria, Buellton and to the Goleta/Santa Barbara area.

The question is: is the need "reasonable to meet"? (i.e. can it meet the state-mandated farebox ratio?)

I believe it can.

According to my (admittedly rough) calculations:

- 82 people (164 boardings) would be needed per day, paying an average fare of \$1.75 each way, to support a Lompoc-VAFB-Santa Maria service providing nine daily round trips at a 20% farebox return
- 49 people (98 boardings) would be needed every day, paying the same \$1.75 average fare, to support seven round trips between Buellton and Santa Maria, again at a 20% farebox return.
- And finally, only 32 people (64 boardings) per day would be needed for an infrequent, but necessary, linking service connecting Goleta, Buellton, and Lompoc.

(Where did the \$1.75 come from? Regular fare for passengers riding between any two cities (e.g. between Lompoc and Santa Maria) would be \$2 for full-fare passengers, \$1 for seniors and disabled. Assuming that two-thirds of the passengers would be full-fare passengers, the average fare would be \$1.75)

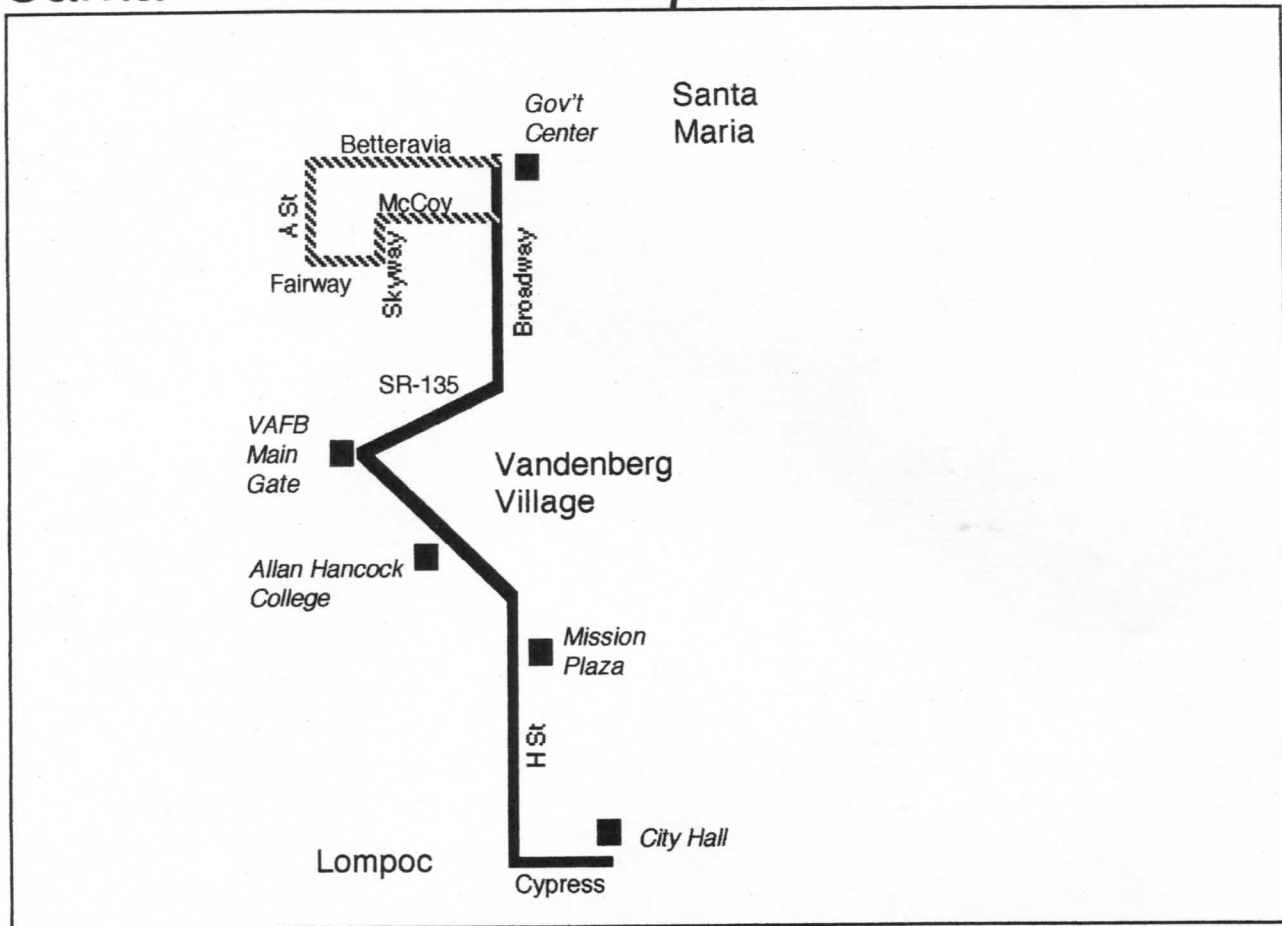
I envision this service running weekdays only (except for major holidays): multiply the daily cost of providing this service by  $(52 \times 5) - 6 = 254$  days per year. Of course Saturday, Sunday, or later-evening service could be added later, if ridership warrants (and funds permit).

Please remember that this is starter service, primarily designed to connect workers and shoppers in Lompoc and the Santa Ynez Valley, to Santa Maria and (to a lesser extent Goleta). Also, please do not allow previous bad experiences with intercity transit in North Santa Barbara county to discourage consideration of this project. Those previous efforts could never really provide effective service because they were so restricted (e.g. ran only once a day, special tokens were required, etc). The proposal described in this document is true public transportation; anyone can ride.

Assumptions:

- A 20% farebox return is required. (In actuality, due to the rural character of most of North Santa Barbara Co, the required return will probably be less)
- A \$2 dollar fare will be charged to ride between cities. For seniors and disabled, the fare will be \$1. The average fare, therefore, will depend on the mixture between full and half fares. In this document, the average fare for various mixtures has been calculated. Most likely, the average fare will be \$1.75 (2/3rds regular fares, 1/3rd discount fares)
- These calculations do not currently account for transfers, discount passes, or any discounted fares other than the (required) half-fare senior/disabled discounts.
- The service will cost \$60/hr to run, based on hours actually in revenue service (not recovery, break or deadhead time)
- Since this is (primarily) express service, a separate ADA paratransit system will not be mandated. Of course, the buses used will be accessible, and there will be coordination between the intercity services and local paratransit service.

# Santa Maria-VAFB-Lompoc



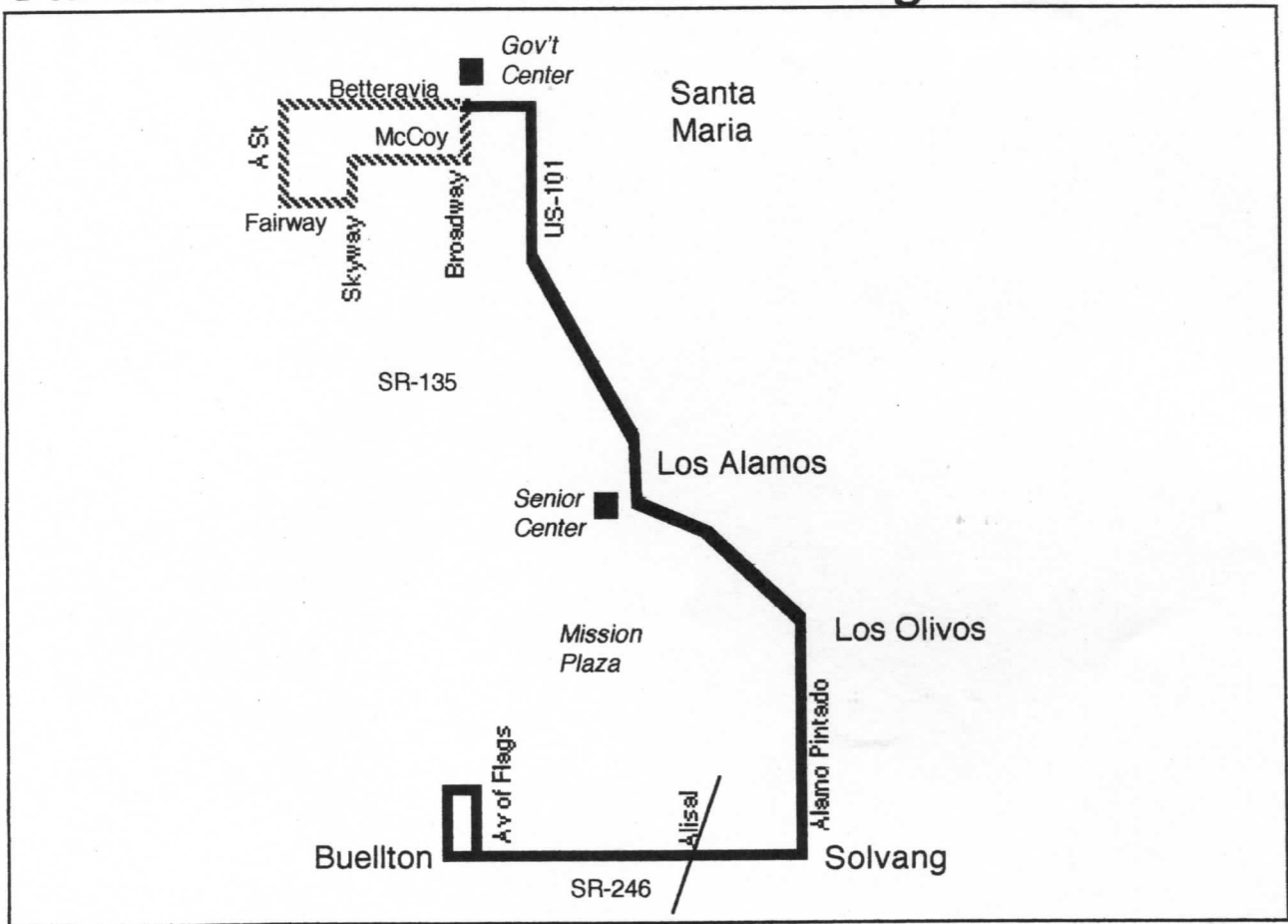
The Santa Maria-VAFB-Lompoc Route would provide nine daily round trips between the aforementioned cities.

It would start at Lompoc City Hall (Cypress/D) then travel north along H St, stopping at Mission Plaza. (Other stops could be provided along H St if needed). Outside of Lompoc, the bus stops at Allan Hancock College and on Constellation Av. in Vandenberg Village.

Then the bus travels to the Main Gate at Vandenberg Air Force Base (passengers are on their own for service onto the base itself, although an internal shuttle system could be developed). After serving VAFB, the bus runs express via SR-135 (Broadway in Orcutt/Santa Maria) to the County Government Center, where connections can be made to Santa Maria Area Transit buses serving most points of interest in Santa Maria. On selected peak-hour trips, service to the industrial areas along Betteravia, A St, Fairway, Skyway and McCoy would be provided.

	A	B	C	D	E	F	G	H	I	J	K	L
1	Lompoc-Vandenberg-Santa Maria											
2	Bus Run #	2	1	3	2	1		1	2	3	1	2
3	Lompoc City Hall		6:10 AM	7:10 AM	8:30 AM	10:30 AM		1:00 PM	2:00 PM	3:00 PM	4:10 PM	5:10 PM
4	Mission Plaza		6:20 AM	7:20 AM	8:40 AM	10:40 AM		1:10 PM	2:10 PM	3:10 PM	4:20 PM	5:20 PM
5	AHC Lompoc		6:26 AM	7:26 AM	8:46 AM	10:46 AM		1:16 PM	2:16 PM	3:16 PM	4:26 PM	5:26 PM
6	Vandenberg Vill		6:32 AM	7:32 AM	8:52 AM	10:52 AM		1:22 PM	2:22 PM	3:22 PM	4:32 PM	5:32 PM
7	VAFB Main Gate		6:40 AM	7:40 AM	9:00 AM	11:00 AM		1:30 PM	2:30 PM	3:30 AM	4:40 PM	5:40 PM
8	SM Govt Ctr		7:20 AM	8:20 AM	9:40 AM	11:40 AM		2:10 PM	3:10 PM	4:10 AM	5:20 AM	6:20 AM
9	Voc Training Ctr		7:35 AM	8:35 AM								
10	SM Govt Ctr		7:50 AM	8:50 AM	9:40 AM	11:40 AM		2:10 PM	3:10 PM			
11												
12	SM GovtCtr	7:00 AM	8:00 AM	9:00 AM	10:00 AM	12:00 PM		2:30 PM	3:30 PM	4:30 PM	5:30 PM	
13	Voc Training Ctr							2:45 PM	3:45 PM	4:45 PM	5:45 PM	
14	SM Govt Ctr	7:00 AM	8:00 AM	9:00 AM	10:00 AM	12:00 PM		3:00 PM	4:00 PM	5:00 PM	6:00 PM	
15	VAFB Main Gate	7:40 AM	8:40 AM	9:40 AM	10:40 AM	12:40 PM		3:40 PM	4:40 PM	5:40 AM	6:40 PM	
16	Vandenberg Vill	7:46 AM	8:46 AM	9:46 AM	10:46 AM	12:46 PM		3:46 PM	4:46 PM	5:46 PM	6:46 PM	
17	AHC	7:52 AM	8:52 AM	9:52 AM	10:52 AM	12:52 PM		3:52 PM	4:52 PM	5:52 PM	6:52 PM	
18	Mission Plaza	7:58 AM	8:58 AM	9:58 AM	10:58 AM	12:58 PM		3:58 PM	4:58 PM	5:58 PM	6:58 PM	
19	Lompoc City Hall	8:08 AM	9:08 AM	10:08 AM	11:08 AM	1:08 PM		4:08 PM	5:08 PM	6:08 PM	7:08 PM	
20												
21	Hours of Service	23.75	(23 hours									
22	Cost per hour	\$60.00										
23	Cost per day	\$1425.00										
24	20% from farebox=	\$285.00										
25												
26		per day	per hour	per trip								
27	# of \$1 fares needed	285	12	31.66667								
28	# of \$2 fares needed	142.5	6	15.83333								
29	# of \$1.50 fares needed	190	8	21.11111								
30	# of \$1.75 fares needed	162.85714	6.85714	18.09524								

# Santa Maria-Los Alamos-Solvang-Buellton



The Santa Maria-Los Alamos-Solvang-Buellton Route would serve daily round trips between the aforementioned cities.

It would start at Buellton (Av of Flags, off SR-246) then travel east along SR-246 St, to Solvang, stopping at or near SR-246 and Alisal Rd. Then the bus would travel north via Alamo Pintado, stopping in Los Olivos (Grand/Santa Ynez, near the flagpole) before continuing north via SR-154 and US-101.

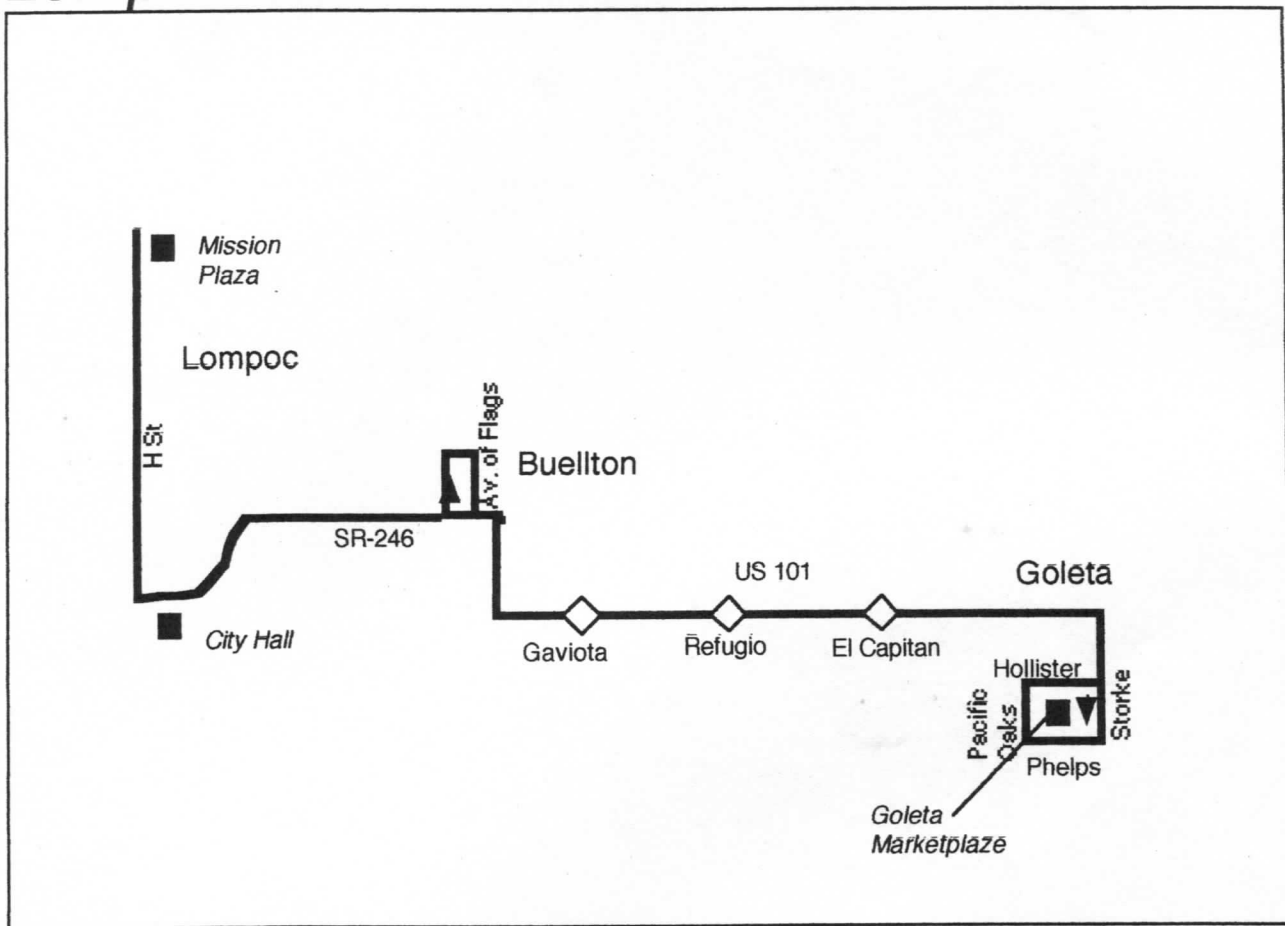
The bus would leave US-101 to serve Los Alamos, stopping near the Senior Center there. Then, it would get back on US-101 to Betteravia in Santa Maria, finishing its route at the Government Center.

On selected peak-hour trips, service to the industrial areas along Betteravia, A St, Fairway, Skyway and McCoy would be provided.



	A	B	C	D	E	F	G	H
1	Buellton-Solvang-Los Olivos-Santa Maria							
2	Bus Run #	1	2	1	1	1	2	1
3	Buellton	6:35 AM	7:35 AM	9:05 AM	11:05 AM	2:05 PM	3:40 PM	4:40 PM
4	Solvang	6:50 AM	7:50 AM	9:20 AM	11:20 AM	2:20 PM	3:55 PM	4:55 PM
5	Los Olivos	6:55 AM	7:55 AM	9:25 AM	11:25 AM	2:25 PM	4:00 PM	5:00 PM
6	Los Alamos	7:15 AM	8:15 AM	9:45 AM	11:45 AM	2:45 PM	4:20 PM	5:20 PM
7	SM Govt Ctr	7:25 AM	8:25 AM	9:55 AM	11:55 AM	2:55 PM	4:30 PM	5:30 PM
8	Voc Training Ctr	7:40 AM	8:40 AM					
9	SM Govt Ctr	7:55 AM	8:55 AM	9:55 AM	11:55 AM	2:55 PM	4:30 PM	5:00 PM
10								
11	SM GovtCtr	8:00 AM	9:00 AM	10:00 AM	1:00 PM	3:00 PM	4:30 PM	5:30 PM
12	Voc Training Ctr					3:15 PM	4:45 PM	5:45 PM
13	SM Govt Ctr	8:00 AM	9:00 AM	10:00 AM	1:00 PM	3:30 PM	5:00 PM	6:00 PM
14	Los Alamos	8:10 AM	9:10 AM	10:10 AM	1:10 PM	3:40 PM	5:10 PM	6:10 PM
15	Los Olivos	8:30 AM	9:30 AM	10:30 AM	1:30 PM	4:00 PM	5:30 PM	6:30 PM
16	Solvang	8:35 AM	9:35 AM	10:35 AM	1:35 PM	4:05 PM	5:35 PM	6:35 PM
17	Buellton	8:50 AM	9:50 AM	10:50 AM	1:50 PM	4:20 PM	5:50 PM	6:50 PM
18								
19	Hours of Service	14.166667	14 h 50 m					
20	Cost per hour	\$60.00						
21	Cost per day	\$850.00						
22	20% from farebox=	\$170.00						
23								
24		per day	per hour	per trip				
25	# of \$1 fares needed	169.99999	12	18.88889				
26	# of \$2 fares needed	84.999999	6	9.444444				
27	# of \$1.50 fares needed	113.33333	8	12.59259				
28	# of \$1.75 fares needed	97.142857	6.85714	10.79365				

# Lompoc-Buellton-Goleta



Unlike the two commuter-oriented services into Santa Maria, the Lompoc-Goleta-Buellton route is more of a "lifeline" service, primarily designed to link Buellton residents with shopping and social service opportunities in Lompoc and Goleta. (Commuter service between Buellton/Solvang and Goleta/Santa Barbara will be provided by SBMTD in Fall 2002 or thereabouts).

The service is simple enough: four round trips will serve Lompoc, Buellton, and Goleta. Flag-stop request-only bus service could also be provided to the State beaches along US-101. Passengers could request that the driver stop at one of these beaches, or prospective passengers could phone dispatch and request that the bus stop.



	A	B	C	D	E
1	Goleta-Buellton-Lompoc				
2	Bus Run #				
3	Mission Plaza	6:30 AM	9:30 AM	1:00 PM	4:00 PM
4	Lompoc City Hall	6:40 AM	9:40 AM	1:10 PM	4:10 PM
5	Buellton Av Flags	7:00 AM	10:00 AM	1:30 PM	4:30 PM
6	State Beaches	(flag stop -- call ### #### for pickup)			
7	Goleta Marketplace	7:40 AM	10:40 AM	2:10 PM	5:10 PM
8					
9	Goleta Marketplace	8:00 AM	11:00 AM	2:30 PM	5:30 PM
10	State Beaches	(flag stop -- call ### #### for pickup)			
11	Buellton Av Flags	8:40 AM	11:40 AM	3:10 PM	6:10 PM
12	Lompoc City Hall	9:00 AM	12:00 PM	3:30 PM	6:30 PM
13	Mission Plaza	9:10 AM	12:10 PM	3:40 PM	6:40 PM
14					
15	Hours of Service	9.33333	(9 h 20 min)		
16	Cost per hour	\$60.00			
17	Cost per day	\$560.00			
18	20% from farebox=	\$112.00			
19					
20		per day	per hour of svc	per trip	
21	# of \$1 fares needed	111.99996	12	13.999995	
22	# of \$2 fares needed	55.99998	6	6.9999975	
23	# of \$1.50 fares needed	74.66664	8	9.33333	
24	# of \$1.75 fares needed	63.99997714	6.857142857	7.999997143	