

REPORT TO SHASTA COUNTY RTPA

SUBJECT	MEETING DATE	ITEM NUMBER
Feasibility Study: Northern California Internet Transit Trip Planning Services	10/28/08	4-3

RECOMMENDATION

It is recommended that the Board:

1. Act as the lead agency for a nine-county feasibility study to provide Internet trip planning for transit riders;
2. Authorize the Executive Director to execute funding agreements;
3. Adopt resolution No. 08-15 approving Amendment #1(a) to the 2008/2009 Overall Work Program (OWP) for \$115,000; and
4. Authorize distribution of a Request for Proposal (RFP).

SUMMARY

Caltrans and rural counties have requested that the SCRTPA act as lead agency for a study to determine if an Internet trip planning service is possible in Northern California. If successful, the planning study may be implemented statewide. The project is 100% federally funded. The OWP must be amended to accept the new funds.

DISCUSSION

The word "Google" is known to almost everyone. It is even defined in Webster's Dictionary as "to use the Google search engine to obtain information on the World Wide Web". Internet users can get driving directions on Google Maps. In 2005, Google, Inc. added a map feature for transit trip planning that is used in large urban areas, such as Sacramento and San Francisco. Google's transit trip planning service enables Internet users to access public transit schedules, routes, connections, cost, and length of time to take public transportation (Exhibit A).

The proposed feasibility study is needed to find out if trip planning in large, predominately rural areas is possible. The study area includes Lassen, Modoc, Plumas, Shasta, Siskiyou, Tehama, Trinity, Inyo, and Mono counties. Modoc County is already live on Google (Exhibit B).

The attached draft RFP includes tasks to (1) develop a regional network to offer trip plans and fares to users, (2) fully test data for any technical and display issues, (3) determine the easiest way to update data, (4) identify future cost savings, (5) determine requirements to implement the study, and (6) determine the appropriate agency to maintain the service. Should the study be feasible, and funding is available, the SCRTPA may direct the consultant to "go live" on Google so the service is available to the public.

The next step is to select a consultant and prepare an agreement for the Board to approve at the December 9, 2008, Board meeting.

There is no cost to the RTPA. The planning study and RTPA staff time will be fully funded through Caltrans and the Federal Transit Administration's 5311 funds. It is not anticipated that the RTPA would maintain the service; this role is more appropriate for the State. The OWP must be amended to include \$115,000 in available funds.

ALTERNATIVES

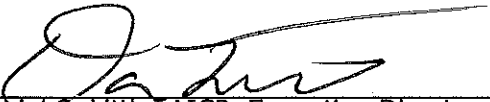
The Board may choose not to participate in this project. This is not recommended. The project addresses several of the priorities and goals within the Shasta County Coordinated Human Transportation Plan. The project could provide a valuable service to RABA users, and Northern California rural transit users seeking medical and other services in Shasta County.

OTHER AGENCY INVOLVEMENT

The project will involve Lassen, Modoc, Plumas, Shasta, Siskiyou, Tehama, Trinity, Inyo, and Mono counties, and the transit operators within these counties. Caltrans, the Redding Area Bus Authority, and other private and non-profit transportation providers will be involved. This will likely include Amtrak and Greyhound.

FINANCING

The project is 100% funded by Caltrans and the Federal Transit Administration.


Daniel S. Little, AICP, Executive Director

DSL/SLC/jac

Attachments: Google Transit Map Examples
Resolution 08-15
OWP Amendment
Request for Proposal

Get Directions My Maps

 alturas, ca

 redding, ca

Add Destination - Show options

By public transit

Get Directions

Also available: By car

Alternate routes

Suggested trips with upcoming departures:

1: Oct 17, 2008 6:19am - 9:41am (3 hours 23 mins)

Transit directions to Redding, CA

Alturas, CA

Showing Trip 1 Travel time: about 3 hours 23 mins \$26.00 (vs. \$84.41 driving!)

Walk to Restaurant Building

About 11 mins

Show details

Bus - Alturas to Burney and Redding -

Direction: Redding

Service run by Sage Stage (530) 233-6410 call for reservation

6:30am Depart Restaurant Building

2 hours 50 mins

9:20am Arrive Greyhound Redding

Walk to Redding, CA

About 22 mins

Show details

Redding, CA

Redding, CA

Redding, CA

Redding, CA

Redding, CA

Redding, CA

Redding, CA

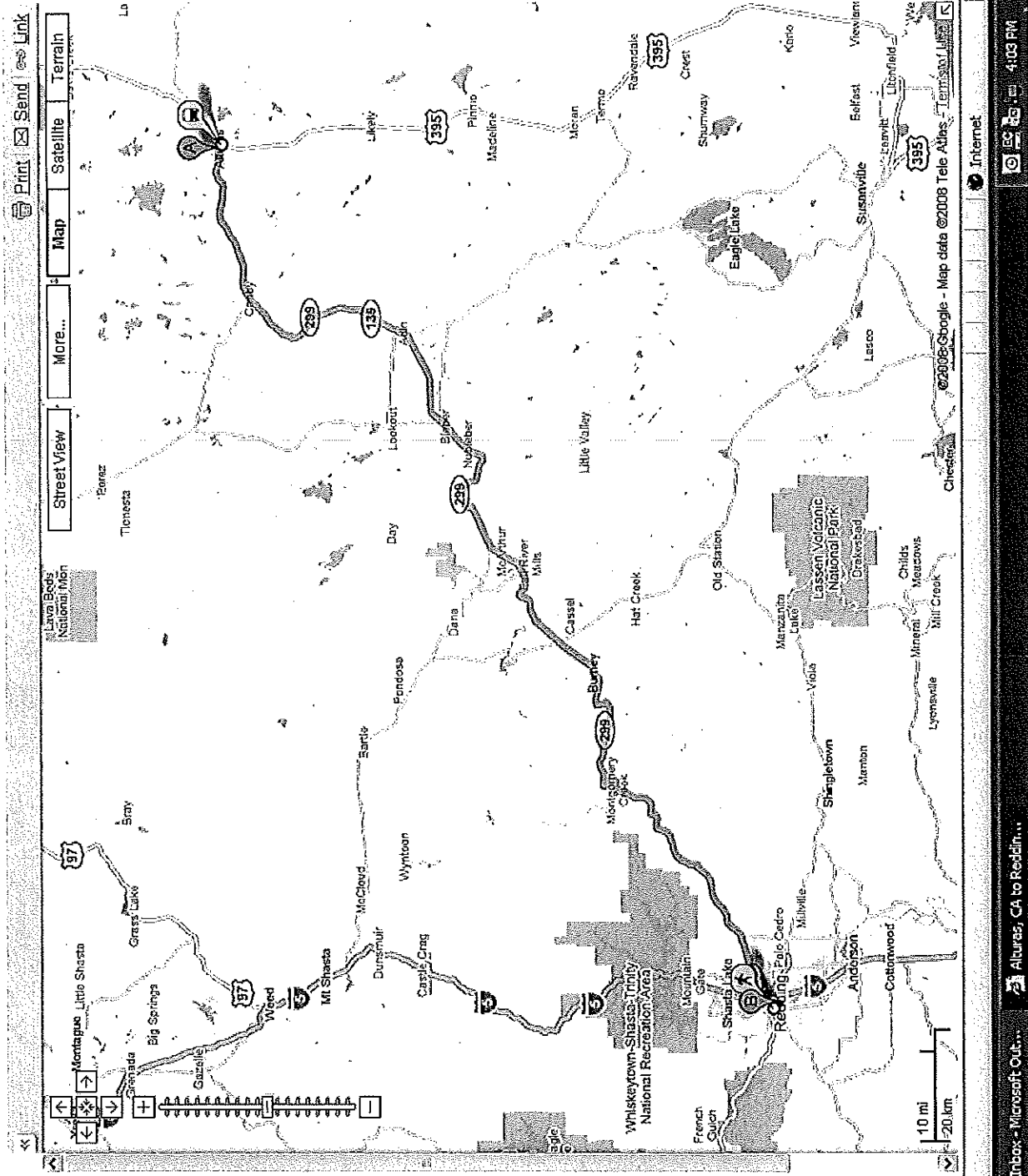
Redding, CA

Redding, CA

Redding, CA

Redding, CA

EXHIBIT B



RESOLUTION 08-15
AMENDMENT #1(a) OF THE FY 2008/09 OVERALL WORK PROGRAM
TO INCLUDE A FEASIBILITY STUDY FOR A NORTHERN CALIFORNIA INTERNET
TRANSIT TRIP PLANNING SERVICE

WHEREAS, Caltrans and rural counties have requested that the Shasta County Regional Transportation Planning Agency (SCRTPA) act as lead agency for a feasibility study to determine if an Internet transit trip planning service is possible in Northern California; and

WHEREAS, the Internet Trip Planning Study is fully funded through Federal Transit Administration 5311 funds; and

WHEREAS, that the Board authorizes the Executive Director to execute funding agreements; and

WHEREAS, a formal Overall Work Program (OWP) amendment is required to include the Internet Trip Planning Study work tasks for consultant services and staff time; and

WHEREAS, work elements cannot be added/deleted/changed and funds cannot be added/deleted/redirected until the local Caltrans District Office approves the OWP amendment.

NOW, THEREFORE, BE IT RESOLVED that the Shasta County Regional Transportation Planning Agency hereby adds Amendment #1(a) to the FY 2008/2009 Overall Work Program for \$115,000 for a feasibility study for a Northern California Internet Transit Trip Planning Service.

BE IT FURTHER RESOLVED, that Amendment #1(a) shall be considered final and in full force and effect upon Caltrans acceptance and approval thereof.

PASSED AND ADOPTED this 28th day of October, 2008, by the Shasta County Regional Transportation Planning Agency.

Norma Connick, Chairman
Shasta County Regional
Transportation Planning Agency

AVAILABLE REVENUES BY SOURCE

SHASTA COUNTY REGIONAL TRANSPORTATION PLANNING AGENCY
2008 - 2009 OVERALL WORK PROGRAM - *Amendment 1*
Available Revenue by Source

Sources of Revenue:	Amount
Federal Highway Administration (FHWA) PL Funds 2008/2009 Allocation	\$ 593,221
Federal Highway Administration (FHWA) PL Funds - Carryover from Prior Years	\$ 41,951
<i>PL Funds - Amendment 1(b)</i>	\$ 101,850
Federal Transit Administration (FTA) Planning (Section 5303) Funds 2008/2009 allocation	\$ 57,261
Federal Transit Admin/Caltrans Headquarters - <i>Amendment 1(a)</i>	\$ 115,000
Federal Transit Administration (FTA) Section 5303 - Carryover from Prior Years	\$ 48,201
Transportation Development Act Funds (TDA)	\$ 315,782
<i>TDA - Amendment 1(b)</i>	\$ 13,195
Local In-Kind Match (Inkind)	\$ 33,122
State Planning Partnership Prior Year Carryover	\$ 230,580
Fix 5 SPR Carryover (SPR)	\$ 131,312
Fix 5 - 2008/09 SPR	\$ 120,000
Programming, Planning and Monitoring (PPM) 2007/08 Allocation	\$ 70,000
Less PPM Reserved	\$ (70,000)
Prior Year Carryover = \$ 46,696	
Total Resources:	\$ 1,801,476
Total Expenses in OWP:	\$ 1,801,476
Difference between Revenues and Expenses	\$ -

SECTION III
FINANCIAL SUMMARIES

**SHASTA COUNTY REGIONAL TRANSPORTATION PLANNING AGENCY
FINANCIAL SUMMARY BY LOCAL AGENCY
2008 - 2009 OVERALL WORK PROGRAM - Amendment 1**

Work Element and Description		Funding Sources	A G E N C I E S						
			RTPA	COUNTY	REDDING	SHASTA LAKE	ANDERSON	RABA	TOTAL
701	Development of the Regional Transportation Plan	FHWA PL	\$ 219,221				\$ 3,923		\$ 223,144
		FTA 5303							\$ -
		INKIND					\$ -		\$ -
		TDA	\$ 28,402				\$ 508		\$ 28,911
		STATE							\$ -
701	Subtotal:		\$ 247,624	\$ -	\$ -		\$ 4,431		\$ 252,055
702	Transportation System Safety	FHWA PL		\$ 46,738	\$ 142,330	\$ 11,996	\$ 12,357		\$ 213,420
		FTA 5303							\$ -
		INKIND		\$ 979	\$ 8,453	\$ 1,554	\$ 1,601		\$ 12,587
		TDA		\$ 5,077	\$ 9,988	\$ -	\$ -		\$ 15,064
		STATE							\$ -
702	Subtotal:		\$ -	\$ 52,793	\$ 160,770	\$ 13,550	\$ 13,958		\$ 241,071
703	Public Transit System Coordination and Planning	FHWA PL						\$ -	\$ -
		FTA 5303						\$ 105,462	\$ 105,462
		INKIND						\$ 13,664	\$ 13,664
		TDA	\$ -					\$ -	\$ -
		STATE							\$ -
703	Subtotal:		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 119,126	\$ 119,126
704	Management of Bicycle and Pedestrian Facilities	FHWA PL	\$ 3,242		\$ 27,006	\$ 13,280	\$ 12,755		\$ 56,282
		FTA 5303							\$ -
		INKIND			\$ 3,499	\$ 1,721	\$ 1,652		\$ 6,872
		TDA	\$ 420						\$ 420
		STATE							\$ -
704	Subtotal:		\$ 3,662	\$ -	\$ 30,505	\$ 15,000	\$ 14,407	\$ -	\$ 63,574
706	Programming & Financial Planning of TIPS	FHWA PL	\$ 77,371	\$ -	\$ 3,798		\$ 741		\$ 81,910
		FTA 5303							\$ -
		INKIND							\$ -
		TDA	\$ 10,024	\$ -	\$ 492		\$ 96		\$ 10,612
		STATE							\$ -
706	Subtotal:		\$ 87,395	\$ -	\$ 4,290	\$ -	\$ 837	\$ -	\$ 92,522
707	Management of the Transportation Development Act	FHWA PL	\$ -						\$ -
		FTA 5303							\$ -
		INKIND	\$ -						\$ -
		TDA	\$ 169,311						\$ 169,311
		STATE							\$ -
707	Subtotal:		\$ 169,311	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 169,311
709	OWP Development, Intergovernmental Coordination, & Information Distribution	FHWA PL	\$ 110,920	\$ 6,311	\$ 4,055	\$ 1,284	\$ 2,459		\$ 125,029
		FTA 5303							\$ -
		INKIND	\$ -						\$ -
		TDA	\$ 14,371	\$ 818	\$ 525	\$ 166	\$ 319		\$ 16,199
		STATE							\$ -
709	Subtotal:		\$ 125,291	\$ 7,129	\$ 4,580	\$ 1,450	\$ 2,778	\$ -	\$ 141,228
720	Special Planning Studies	SPR-Fix 5	\$ 251,312						\$ 251,312
		SPR-BP	\$ 230,580						\$ 230,580
		FHWA PL	\$ 37,237						\$ 37,237
		TDA	\$ 88,460						\$ 88,460
		PPM	\$ 115,000						\$ 115,000
720	Subtotal:		\$ 722,589					\$ 722,589	
OWP Work Element Totals:		FHWA PL	\$ 447,991	\$ 53,049	\$ 177,188	\$ 26,559	\$ 32,235	\$ -	\$ 737,022
		FTA 5303	\$ 115,000					\$ 105,462	\$ 220,462
		INKIND	\$ -	\$ 979	\$ 11,952	\$ 3,275	\$ 3,253	\$ 13,664	\$ 33,122
		TDA	\$ 310,989	\$ 5,894	\$ 11,005	\$ 166	\$ 923	\$ -	\$ 328,977
		SPR	\$ 230,580	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 230,580
		Fix 5	\$ 251,312	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 251,312
OWP Work Element Totals:			\$ 1,355,872	\$ 59,922	\$ 200,145	\$ 30,000	\$ 36,411	\$ 119,126	\$ 1,801,476

SHASTA COUNTY REGIONAL TRANSPORTATION PLANNING AGENCY
FINANCIAL SUMMARY BY FUNDING SOURCE
2008 - 2009 OVERALL WORK PROGRAM - Amendment 1

Work Element and Description		FUNDING SOURCES						ELEMENT SUB-TOTALS
		FHWA	FTA SEC 5303	IN KIND	TDA	SPR	Fix 5	
701 Development of the Regional Transportation Plan		\$ 223,144						
			\$ -					
				\$ -				
					\$ 28,911			
701 Subtotal:		\$ 223,144	\$ -	\$ -	\$ 28,911			\$ 252,055
702 Transportation System Safety		\$ 213,420						
			\$ -					
				\$ 12,587				
					\$ 15,064			
702 Subtotal:		\$ 213,420	\$ -	\$ 12,587	\$ 15,064			\$ 241,071
703 Public Transit System Coordination and Planning		\$ -						
			\$ 105,462					
				\$ 13,664				
					\$ -			
703 Subtotal:		\$ -	\$ 105,462	\$ 13,664	\$ -			\$ 119,126
704 Management of Bicycle and Pedestrian Facilities		\$ 56,282						
			\$ -					
				\$ 6,872				
					\$ 420			
704 Subtotal:		\$ 56,282	\$ -	\$ 6,872	\$ 420			\$ 63,574
706 Programming & Financial Planning of TIPS		\$ 81,910						
			\$ -					
				\$ -				
					\$ 10,612			
706 Subtotal:		\$ 81,910	\$ -	\$ -	\$ 10,612			\$ 92,522
707 Management of the Transportation Development Act		\$ -						
			\$ -					
					\$ 169,311			
707 Subtotal:		\$ -	\$ -	\$ -	\$ 169,311		\$ -	\$ 169,311
709 OWP Development, Intergovernmental Coordination, & Information Distribution		\$ 125,029						
			\$ -					
				\$ -				
					\$ 16,199			
709 Subtotal:		\$ 125,029	\$ -	\$ -	\$ 16,199		\$ -	\$ 141,228
720 Special Planning Studies							\$ 251,312	\$ 251,312
		\$ 37,237				\$ 230,580		
					\$ 88,460			
			\$ 115,000					
720 Subtotal:		\$ 37,237	\$ 115,000	\$ -	\$ 88,460	\$ 230,580	\$ 251,312	\$ 722,589
		\$ 737,022						\$ 737,022
			\$ 220,462					\$ 220,462
				\$ 33,122				\$ 33,122
					\$ 328,977			\$ 328,977
						\$ 230,580		\$ 230,580
							\$ 251,312	\$ 251,312
TOTAL FUNDING		\$ 737,022	\$ 220,462	\$ 33,122	\$ 328,977	\$ 230,580	\$ 251,312	\$ 1,801,476

OWP FY 2008-2009