EXHIBIT E

CMIA Funding Request

Received from Caltrans

Project # 0600000367
(EA 06-32550)

FACT SHEET
19th Ave. Interchange
06-Kin - 198 - PM 9.4/10.2

The 19th Avenue Interchange project is an important project for improvement to the operation and safety of Route 198 and for local circulation. In fact, it is the highest priority for the City of Lemoore. Estimated construction cost is $31,000,000. This request is for $16,000,000 in CMIA savings for this project. The remaining balance will come from the County's share of RIP funds. The projects will be ready for advertising in August 2011.

When the city was growing in the 1980's, access across Route 198 was allowed. However, over time, that access has been removed due to efforts to improve the safety of Route 198. Due to the unique layout of the City of Lemoore, this has created a bottleneck not only to local circulation, but to future economic development. A properly designed interchange at 19th Avenue would alleviate these bottlenecks.

The City of Lemoore and the State of California recognized the need for an interchange on Route 198 at 19th Avenue. In 1984, a Freeway Agreement was approved which identified an interchange at this location.

Since 1984,

- The population of Lemoore has more than doubled
- Approximately 1,000 employees work in the Lemoore Industrial Park, located south of Route 198 at 19th Avenue.
- The truck traffic for the industries and commercial businesses utilizing the exit at 19th Avenue is substantial
- Unemployment rate increased substantially to 18.5% (March 2010)
- There is an increased potential for additional commercial and industrial development

Safety and Operations

Until 1996, 19th Avenue and 18½ Avenue/Vine Street had north-south movements across State Route 198. Because of above-average accident rates, Caltrans installed traffic diverters to prevent the north-south movement across State Route 198. In 1999, additional modifications were made to restrict left turns at the intersections and reduce turning-related accidents.

Although the total numbers of accidents was reduced in both intersections after the construction of the traffic diverters, the 19th Avenue interchange continued to have broadside collisions. The installation and subsequent modification of the traffic diverters resulted in a reduction of

broadside accidents on 18½ Avenue/Vine Street, but did not reduce the accident rate on 19th Avenue below the state average for a road of similar design.

Traffic accidents occurring near 19th Avenue and 18 ½ Avenue/Vine Street along State Route 198 have higher rates than the state average for similar types of highway. The causes of the accidents were mainly vehicles turning at 19th Avenue and 18½ Avenue and failing to yield to through-traffic on State Route 198. Despite restrictions on left turns, local drivers have been observed driving over the traffic diverters to access State Route 198 instead of using the interchanges to the east or west.

At present, the traffic flow is interrupted by the at-grade intersections at 19th Avenue and 18½ Avenue/Vine Street. The elimination of the at-grade access at these intersections would improve traffic operations and increase safety by removing slower-moving traffic trying to enter or exit State Route 198.

Traffic volumes and industrial growth are expected to double along State Route 198 within 20 years after the completion of construction. With such growth, the current need or traffic deficiencies will continue to compound. Accidents will continue as congestion increases.

Local Circulation and Economic Development

This project is extremely important for economic development and job creation in the City of Lemoore Industrial Park due to the high unemployment rate of 18%.

Currently, nearly all of the residential units in Lemoore are north of State Route 198. The industrial park is south of State Route 198. To access the Industrial Park, employees and patrons of businesses are required to use circuitous routes, since direct access across 19th Avenue is not allowed. The lack of proper access has hindered economic development.

For economic development, adequate traffic circulation is key. Businesses located in the area need to be accessible in order to succeed. Trucks carrying product need to be able to enter and exit quickly and safely, as do the employees and patrons.

Timely Opportunity

This project has been under various states of development since June 1993 when the PSR was approved for 3 design alternatives at 19th Avenue. Design is 95% complete. With the current economic conditions, an opportunity exists to leverage existing funds with CMIA funds to construct the project. Without the infusion of new funding, the project would be delayed resulting in higher costs.

Kings County Association of Governments

339 W. "D" Street, Suite B, Lemoore, California 93245
(559) 582-3211 extension 2654 ❖ FAX (559) 924-5632
www.countyofkings.com/kcag

Member Agencies: Cities of Avenal, Corcoran, Hanford and Lemoore, County of Kings

January 13, 2010

Bimla Rhinehart, Executive Director
California Transportation Commission
Mail Station 52, Room 2222
1120 N Street
Sacramento, CA 95814

Subject: Caltrans D-6 and Kings County CMIA Cost Savings Proposal – SR 198/19th Ave. Interchange

Dear Director Rhinehart:

In accordance with the Corridor Mobility Improvement Account (CMIA) Program Guidelines, the Accountability Implementation Plan (Supplement 1 - Financial Accountability) and the (Supplement 2 - Project Cost Savings) Policies of the California Transportation Commission (CTC), Caltrans District 6, and the Kings County Association of Governments (KCAG) submit this proposal to utilize $16.524 million of Proposition 1B, CMIA Cost-Savings from the State Route 198 Widening Project (PPNO: 4360B, EA: 06-3568U) in the construction of the interchange on State Route 198 at 19th Ave. in the City of Lemoore.

This project provides a combination of safety, connectivity, and economic development benefits. The project will improve the operation and safety on the interregional state highway corridor by providing access control to the route. The project will also improve access to jobs, housing, and commerce for an economically disadvantaged area with an unemployment rate of 16.7%, well above the state average.

The 19th Avenue Interchange project was submitted and considered during the original CMIA project selection process. The project was not recommended by CTC staff because it fell outside the CMIA Guidelines for construction by the December 31, 2012 date. Caltrans, KCAG, and the City of Lemoore have continued the progress of the project with the County Shares (Regional Improvement Program) of the State Transportation Improvement Program and local funds. The project is now scheduled to be advertised for construction in April 2011.

As the Executive Director, I am authorized to submit this proposal on behalf of the Kings County Association of Governments (KCAG). If you have any questions concerning this submittal, please call me at your convenience at (559) 582-3211, extension 2678, or Bruce Abanathie of my staff at (559) 582-3211, extension 2584.

Sincerely,

KINGS COUNTY ASSOCIATION OF GOVERNMENTS

Terri King

Terri King, Executive Director

H:\ABANATHIE\CTC\CMIA\10y-01-06 Final Cover Ltr for Proposal for CMIA Savings - 19th Ave.doc

Update to the
Project Narrative
19th Avenue Interchange
Kin-198 – 8.9/10.1

The Kings County Association of Governments (KCAG) nominated the SR 198 interchange at 19th Ave. Project during the initial CMIA program. This project is needed to improve congestion, safety, access for economic development, and access control to an interregional corridor.

In the CTC Staff comments on the recommendation for funding during the initial CMIA submittal, this project was evaluated low in deliverability due to the construction timeline exceeding the CMIA required construction start date of December 2012. The timeline for construction used in the project nomination information was subsequently updated based on the availability of CMIA funds. The original timeline submitted was based on funding becoming available solely from STIP Regional Share funds through at least two STIP cycles, rather than funding becoming available from the CMIA. Caltrans has provided an updated schedule for this project reflecting a construction contract date of August 2011.

CORRIDOR DESCRIPTION

State Route (SR) 198 is an interregional corridor that serves the San Joaquin Valley, connecting the Central Coast Area of California to the Sierra Nevada Mountains and Interstate 5 to State Route 99. This is a high emphasis focus route on the Interregional Road System. SR 198 is a designated large truck route between Interstate 5 and SR 99. SR 198 is part of the National Highway System serving the cities of Lemoore, Hanford and Visalia. It is a primary commuter route between the previously mentioned cities and the Lemoore Naval Air Station (NAS), a critical strategic military installation and a major employer in the region. Lemoore NAS is the newest and largest of the Navy's master jet bases in the United States and is being considered as a possible site for the Navy's F-35 Joint Strike Fighter Squadrons. The Lemoore NAS is near the proposed 19th Avenue Interchange, and the potential addition of the F-35 Fighter Squadrons will be not only be an addition to the traffic, but will highlight SR 198 as a route of National Security.

Update: SR 198 will also become an important connector for the High Speed Rail (HSR) system with the potential for a station to be developed near the City of Hanford. The SR 198 Corridor System Management Plan (CSMP) is being amended to recognize the HSR volume potential.

PROJECT DESCRIPTION

This project proposes to improve safety and traffic continuity on SR 198 and upgrade a twelve mile segment of expressway to freeway between the SR 41/198 Separation and Lemoore Avenue Interchange in the City of Lemoore. The project will include the conversion of at-grade access at SR 198 and 19th Ave. to a two-quadrant cloverleaf interchange and the closure of two at-grade highway crossings.

Update: The design of the SR198/19th Avenue Interchange has not changed from the original submission. Progress on the project has continued with the PS&E phase more than 60% complete and the purchase of right-of-way is included in Caltrans' FY 09-10 RW allocation plan. The project is scheduled to be ready for advertisement for construction in April 2011. This project is consistent with the SR 198 CSMP.

PROJECT BENEFITS

SR 198 plays a significant role in the physical, social and economic growth of Lemoore. Currently, Kings County depends on its agricultural economy. SR 198 is a critical farm-to-market route for agricultural products with a high truck traffic component. Considerable efforts are currently in progress to diversify and enhance the city's economic base by promoting industrial development. The portion of the city south of SR 198 has significant potential for industrial development. An industrial park on 310 acres was built in 1990 southeast of SR 198 and 19th Ave. in anticipation of an interchange at 19th Ave. An interchange at this location would greatly benefit Lemoore by providing direct and convenient access for industrial traffic and contribute towards further industrial commercial development in the area. Establishing 19th Ave. as a major through roadway would improve Lemoore's internal traffic circulation as well. The City of Lemoore updated its General Plan to include zoning for the long range ultimate design in order for the project to proceed with a design exemption.

Like other roadways in the San Joaquin Valley, this segment of SR 198 experiences severe fog conditions in the winter months creating hazardous driving conditions, particularly for traffic attempting to cross SR 198 at the uncontrolled intersections. Accident rates for this segment are above the state average. The 19th Avenue Interchange proposes to improve safety and traffic continuity on SR 198, eliminating two uncontrolled at-grade crossings and upgrading a segment of expressway to freeway between the Lemoore NAS and the existing 18th Ave. Interchange in the City of Lemoore.

Update: The benefits that this project can provide are needed more than ever. The current unemployment rate for Kings County is 16.7%, which is above the statewide average. The City of Lemoore has adopted an updated General Plan which includes the interchange as a high priority project to provide access, improved traffic circulation, and job growth in the region.

PROJECT RISKS

Update: The project is currently in the PS&E phase which is in process and at 60% for construction design. The RW for this project is programmed within Caltrans' FY 09-10 RW Allocation Plan. The current schedule for this project shows that construction will be advertised by April 2011.

The most significant risk to the project at this time is the lack of available STIP funds due to state budget circumstances and the potential for the loss of economic development in the region due to inadequate transportation facilities. If planned industrial and housing developments are not allowed to proceed, it will mean a loss of jobs and tax revenues for local jurisdictions. The current construction cost environment is very good, but more than usual there is potential for risks involved with the cost of the project due to fluctuations of material costs if the project is delayed.

CORRIDOR MANAGEMENT

Update: The SR 198 CSMP was completed in 2007 and included the end points at Lemoore NAS and SR 99. The SR 198/19th Ave Interchange project was included in this CSMP. The ability to utilize the CMIA cost-savings on the same corridor from which they originated will allow us to continue the SR 198 Corridor improvements. The application of the CMIA cost savings is consistent with the philosophy expressed by Caltrans in its CMIA nomination letter to the CTC. This project provides infrastructure improvements in rural and high growth areas; connectivity for heightened mobility between urban, suburban and rural areas; access to jobs, housing, markets and commerce is strengthened; and the important concept of maintaining a corridor view in the CMIA program and not merely a project view. The 19th Avenue/SR 198 Interchange continues the SR 198 Corridor improvement concept which is consistent with the CMIA goals and objectives as well as the SR 198 CSMP.

FUNDING

Update: Kings County, as a small county, has limited Regional Share funds available each STIP cycle. KCAG and the local agencies affected by these projects have shown significant commitment to delivering these projects. KCAG has continued to program RIP funds for this priority project through multiple STIP cycles since 1998 to keep this project moving toward delivery. Although the R/W is in the FY 09/10 Allocation Plan, the City of Lemoore has been using local funds to purchase R/W to keep the project moving to construction. Although Lemoore has traffic impact fees, they are insufficient to fully fund a project of this expense.

Schedule:	Prior Submission	Current
PSR	6/30/1993	06/30/1993
Environmental	6/20/2005	06/20/2005
PS&E	2/2007	09/05/2010
R/W Cert	3/2009	01/01/2011
Ready to Advertise	11/2012	04/01/2011
Contract Award	3/2013	08/15/2011

Attachments: Updated Project Nomination Fact and Funding Sheets

APPENDIX A

CORRIDOR MANAGEMENT IMPROVEMENT ACCOUNT

Project Nomination Fact Sheet

Nominating Agency:			**Fact Sheet Date:** 01/13/10
Contact Person	Terri King		
Phone Number	(559) 582-3211, Ext. 2678	Fax Number	(559) 924-5632
Email Address	tking@co.kings.ca.us		

Project Information:

County	Caltrans District	PPNO *	EA *	Region/MPO/ TIP ID*	Route / Corridor *	Post Mile Back *	Post Mile Ahead *
Kings	6	4330	06-32550	Kings/16/116-0-62	198	8.9	10.1

* NOTE: PPNO & EA assigned by Caltrans. Region/MPO/TIP ID assigned by RTPA/MPO. Route/Corridor & Post Mile Back/Ahead used for State Highway System.

Legislative Districts	Senate: 16	Congressional: 20
	Assembly: 30	
Implementing Agency (by component)	PA&ED: Caltrans	PS&E: Caltrans
	R/W: Caltrans	CON: Caltrans
Project Title	19th Ave. Interchange	

Location - Project Limits - Description and Scope of Work (Provide a project location map on a separate sheet and attach to this form)
In Lemoore, on State Route 198 at 19th Avenue, Construct Interchange

Description of Major Project Benefits
This project closes a one mile gap between freeway sections on State Route 198 by closing two at-grade intersections and providing a new interchange at 19th Ave. for improved access, safety, circulation, and economic development.

Expected Source(s) of Additional Funding Necessary to Complete Project - as Identified Under 'Additional Need'

Project Delivery Milestones (month/year):

Project Study Report (PSR) complete		6/30/1993
Notice of Preparation	Document Type:	Negative Declaration
Begin Circulation of Draft Environmental Document		
Final Approval of Environmental Document		6/20/2005
Completion of plans, specifications, and estimates		**October 8, 2010**
Right-of-way certfication		**January 1, 2011**
Ready for advertisement		**April 1, 2011**
Construction contract award		**August 15, 2011**
Construction contract acceptance		**October 15, 2014**

NOTE: The CTC Corridor Mobility Improvement Account (CMIA) Program Guidelines should have been read and understood prior to preparation of the CMIA Fact Sheet. A copy of the CTC CMIA Guidelines and a template of the Project Fact Sheet are available at: http://www.dot.ca.gov/hq/transprog/ and at: http://www.catc.ca.gov/

CORRIDOR MANAGEMENT IMPROVEMENT ACCOUNT
Project Nomination Fact Sheet - Project Cost and Funding Plan
(dollars in thousands and escalated)

Shaded fields are automatically calculated. Please do not fill these fields.

				Date: 13-Jan-10
County	CT District	PPNO *	EA*	Region/MPO/TIP ID *
Kings	6	4330	06-32550	Kings/16/116-0-62
Project Title:	19th Ave. Interchange			

* NOTE: PPNO and EA assigned by Caltrans. Region/MPO/TIP ID assigned by RTPA/MPO

Proposed Total Project Cost								Project
Component	Prior	07/08	08/09	09/10	10/11	11/12	12/13	Total
E&P (PA&ED)	1,471	0	0	0	0	0	0	1,471
PS&E	1,630	0	0	0	0	0	0	1,630
R/W SUP (CT) *	0	0	451	0	0	0	0	451
CON SUP (CT) *	0	0	0	0	0	2,770	0	2,770
R/W	0	0	5,804	0	0	0	0	5,804
CON	0	0	0	0	0	26,300	0	26,300
TOTAL	3,101	0	6,255	0	0	29,070	0	38,426

Corridor Management Improvement Account (CMIA) Program								
Component	Prior	07/08	08/09	09/10	10/11	11/12	12/13	Total
E&P (PA&ED)								0
PS&E								0
R/W SUP (CT) *								0
CON SUP (CT) *								0
R/W								0
CON						16,524		16,524
TOTAL	0	0	0	0	0	16,524	0	16,524

* NOTE: R/W SUP and CON SUP to be used only for projects implemented by Caltrans

Funding Source: RIP								
Component	Prior	07/08	08/09	09/10	10/11	11/12	12/13	Total
E&P (PA&ED)	1,471							1,471
PS&E	1,630							1,630
R/W SUP (CT) *			451					451
CON SUP (CT) *						2,770		2,770
R/W			5,804					5,804
CON						9,776		9,776
TOTAL	3,101	0	6,255	0	0	12,546	0	21,902

Funding Source: RIP Augmentation								
Component	Prior	07/08	08/09	09/10	10/11	11/12	12/13	Total
E&P (PA&ED)								0
PS&E								0
R/W SUP (CT) *								0
CON SUP (CT) *								0
R/W								0
CON								0
TOTAL	0	0	0	0	0	0	0	0

Funding Source: 2008 RIP								
Component	Prior	07/08	08/09	09/10	10/11	11/12	12/13	Total
E&P (PA&ED)								0
PS&E								0
R/W SUP (CT) *								0
CON SUP (CT) *								0
R/W								0
CON								0
TOTAL	0	0	0	0	0	0	0	0

Shaded fields are automatically calculated. Please do not fill these fields.

INTERCHANGE PROJECT – LEMOORE
SR 198 & 19TH AVENUE

Today we are here to request an advance of our regional share funds for an interchange at SR 198 and 19th Avenue in Lemoore.

This project is extremely important to the citizens of Lemoore. To offer a little bit of history regarding this location, on October 15, 1958, the length of road from 19th Avenue to 0.2 miles east of 18 ½ Avenue was declared to be a **freeway** by the California Transportation Commission.

At that time, it was recognized by all parties that an Interchange at 19th Avenue would be necessary in the future and on February 7, 1984, the City entered into an agreement with the State of California, whereby the City agreed to the closing of certain City streets, relocation of City streets, construction of frontage roads and other local roads, and other construction affecting City streets, all of which were required as part of the Interchange Project.

Since that time, on many occasions, the 19th Avenue Interchange Project has risen to the top of the Kings County Association of Government's priority list. However, funding was not available. When the time finally came for actually funding a project, other projects within the County took precedence. We understand that things happen and priorities often change. We also know that the other projects were in the best interest of the entire County, and in Kings County, we support our neighboring communities.

In the nearly 25 years that this project has been in the works, many changes have take place in Lemoore:

- The population has more than doubled
- In excess of 500 employees work in our industrial park, which is located just south of Hwy 198 at 19th Avenue
- There are several commercial businesses located in the area too
  - Car dealership
  - RV dealership
  - Boat & motorcycle dealership
  - Gas station & card-lock
  - 3-story hotel
  - 4-story hotel has been approved
  - Retail building approved
  - Proposed restaurant
- The truck traffic for the industries and commercial businesses utilizing the 19th Avenue exit is substantial

This Interchange is necessary for the circulation associated with these businesses. The majority of the population lives north of Highway 198. In order to get from 19th Avenue on the north side of 198 to 19th Avenue on the south side of 198, vehicles must enter 198 westbound, take the Highway 41 exit, cross traffic on 41 to head southbound, cross 41 traffic again to head eastbound on 198, then exit south on 19th Avenue.

For vehicular traffic exiting 19th Avenue needing to cross to the north side of 198, one must enter Highway 198 westbound, cross to the left hand lane, take the Vine Street exit and cross traffic heading westbound on 198.

For those desiring to head westbound on 198, ideal circulation is compromised greatly. At the Vine Street exit, vehicles of all sizes (including semi-trucks) have been seen making U-turns in front of traffic traveling at a posted speed limit of 65 mph.

It is important for the safety of the employees that live north of Highway 198, but work on the south side.

It is important for the safety of all who patronize those businesses.

It is important for the economic viability of the businesses located there and for the future development still to come.

It is imperative that our police and fire crews are afforded the most rapid response route with the greatest amount of safety to tend to emergencies south of Highway 198.

Today, once again, the 19th Avenue Interchange Project is at the top of the priority list. I implore you to consider our request for the advance of our regional share funds.

Thank you.

5/22/2008

INTERCHANGE PROJECT – LEMOORE
SR 198 & 19TH AVENUE
(SAN DIEGO MEETING – TALKING POINTS)

Introduction: John Murray, Mayor of Lemoore.

First, I want to sincerely thank the CTC staff for supporting our request for advanced STIP funding to fund the new interchange planned at SR 198 and 19th Avenue in Lemoore (Kings County).

This project is extremely important to the citizens of Lemoore. It began in 1958 when a small portion of Highway 198 between 18th and 19th Avenues was declared a **freeway** by the California Transportation Commission.

At that time, it was known that an Interchange at 19th Avenue would be necessary. In 1984, the City entered into an agreement with the State of California, whereby the City agreed to certain concessions as part of the Interchange Project.

Since that time, it has remained one of the top priorities for Kings County Association of Governments (KCAG) and in the 1998 STIP, the initial environmental (PA&ED) was included for programming.

At your Public Hearing on March 13, 2008, I presented testimony regarding the importance of receiving advanced STIP funding for this project. In addition, City staff had the opportunity to meet with Mr. John Barna to also address our concerns. Staff touched on subjects such as the economic viability of the area, poor circulation, safety concerns, emergency vehicle response time, and the worst traffic fatality in Kings County's history.

Today I come before you with more sad news – On May 8th, just three weeks ago, another person died in a collision at that same location. This death would have been prevented if the interchange was already in place. In addition, on May 16th, a little over a week ago, a motorcycle with two riders, hit the end of the worm (turn stall). Both people remain in critical condition.

Again, I want to thank the CTC staff for placing our project on the list for advanced STIP funding for FY 2012-2013. We are truly grateful. I also request that the Commission support our project too. The sooner this projects gets constructed, the better...for safety's sake. Thank you.

The following notes are from Terri King, Executive Director, Kings County Association of Governments

The total cost of the project, as proposed in the RTIP, is $36.2 million. This project was first included in the 1998 STIP for programming the initial PA&ED (Environmental) phase and was the 2nd of 2 priority projects (SR 198 Expressway is highest priority). The year we requested programming of construction was FY 10-11, but CTC Staff recommendations moved it out to FY 12-13. If the CTC asks, we will deal with any cost increases due to the later programming, at a future STIP cycle. Escalated Construction cost (for FY 10-11) is $29.1 million total.

INTERCHANGE PROJECT – LEMOORE
STATE ROUTE 198 & 19TH AVENUE

INTRODUCTION: First, I would like to thank the CTC for supporting our request for advanced STIP funding, back in 2008, to fund the new interchange planned at State Route (SR) 198 and 19th Avenue in Lemoore (Kings County). At that time, city staff met with Mr. John Barna to address concerns such as the economic viability of our area, poor circulation, safety, emergency vehicle response time, and the worst traffic fatality in Kings County's history.

PURPOSE: The purpose of our meeting is to request utilization of a portion of the CMIA cost-saving funds from the SR 198 Widening Project for an Interchange at SR 198 & 19th Avenue in Lemoore. This interchange is on the same corridor as the SR 198 Widening Project and is a continuation of the improvements.

HISTORY: On October 15, 1958, the length of road from 19th Avenue to 0.2 miles east of 18 ½ Avenue was declared to be a **freeway** by the California Transportation Commission.

At that time, it was recognized by all parties that an Interchange at 19th Avenue would be necessary in the future and on February 7, 1984, the City entered into an agreement with the State of California, whereby the City agreed to the closing of certain City streets, relocation of City streets, construction of frontage roads and other local roads, and other construction affecting City streets, all of which were required as part of the Interchange Project.

ECONOMIC DEVELOPMENT: In the 26 years that this project has been in the works, many changes have taken place in Lemoore:

- The population has more than doubled
- In excess of 500 employees work in our industrial park, which is located just south of Hwy 198 at 19th Avenue
- There are several businesses located in the area
  - Gas station & card-lock
  - Royer Cycle & Marine
  - Fastenal construction supply store (opening soon)
  - Ready-mix plant
  - 3-story hotel
  - 4-story hotel has been approved
  - Retail building approved
  - Proposed restaurant

- The truck traffic for the industries and commercial businesses utilizing the exit at 19th Avenue is substantial
- Potential for additional commercial and industrial development

SAFETY: This Interchange is necessary for the circulation associated with the businesses located in the area and for the safety of those that work at and patronize the businesses.

The majority of Lemoore's population lives north of Highway 198. In order to get from 19th Avenue on the north side of 198 to 19th Avenue on the south side of 198, vehicles must enter 198 westbound, take the Highway 41 exit, cross traffic on 41 to head southbound, cross 41 traffic again to head eastbound on 198, then exit south on 19th Avenue.

For vehicular traffic exiting 19th Avenue needing to cross to the north side of 198, one must enter Highway 198 westbound, cross to the left hand lane, take the Vine Street exit and cross traffic heading westbound on 198.

For those desiring to head westbound on 198, ideal circulation is compromised greatly. At the Vine Street exit, vehicles of all sizes (including semi-trucks) have been seen making U-turns in front of traffic traveling at a posted speed limit of 65 mph.

ACCIDENT HISTORY: On October 8th, 1982, a passenger van was involved in a traffic accident along SR 198 at 19th Avenue. Nine of the eleven passengers were killed in the collision and another later died from injuries. More recently, January 27, 2009, a passenger car accident resulted in one death and one injury. In 2009, a total of eight people were injured at this location in six different accidents.

In 2001, a bicyclist tried to cross SR 198 at Vine Street. He was hit and killed. Vine Street is significant in this project because it is scheduled for closure following the construction of the interchange at 19th Avenue. More recent collisions on Vine Street include an accident on May 8, 2008, in which one person died. On May 16, 2008, a motorcycle with two riders, hit the end of the worm (turn stall). They were both treated for major injuries.

In the past two years, there have been more than 40 accidents on SR 198 at 19th Avenue and Vine Street; nine of which resulted in injuries. Of the nine injury accidents, 12 persons were injured and 2 died. None of these deaths and injuries would have occurred if the interchange had already been in place.

SR 198 CORRIDOR: As part of the Interregional Road System, SR 198 connects Interstate 5 and SR 99. It is part of the National Highway System and also serves as a designated large truck route. An interchange at SR 198 and

19th Avenue will continue the SR 198 Corridor improvement concept which is consistent with CMIA goals and objectives and will enhance the connectivity of the corridor.

CURRENT: The 19th Avenue Interchange Project is at the top of the Kings County Association of Government's priority list and has received approval for advanced STIP funding. The Project is one of two priority recommendations from Caltrans District 6 and it is the number one priority for deliverability. The current timeline shows that advertising for construction will occur by April 2011. The total project cost is estimated at $38,426,000. A total of $21,902,000 in RIP funds have been programmed for the project. Because of the connectivity between the SR 198 Widening Project and this 19th Avenue Interchange, we are requesting $16,524,000 from the CMIA Cost-Savings Account, which is only a portion of the total funds remaining from the Project.

SUMMARY: For the safety of the employees that live north of Highway 198, but work on the south side; for the safety of all who patronize those businesses; for the safety of our police and fire crews so that they are afforded the most rapid response route with the greatest amount of safety to tend to emergencies south of Highway 198, for the economic viability of the businesses located there and for the future development still to come; and for the enhanced connectivity of the SR 198 Corridor, we ask that you support our request for utilization of a portion of the CMIA cost-saving funds from the SR 198 Widening Project.

INTERCHANGE PROJECT – LEMOORE, CALIFORNIA
STATE ROUTE 198 & 19TH AVENUE

Corridor Mobility Improvement Account (CMIA)
FUNDING REQUEST – FACT SHEET

PROJECT DESCRIPTION: Caltrans is in the final design phase (95 percent complete) of an interchange at SR 198 and 19th Avenue in Lemoore, California (Kings County). An interchange at this location will enhance the operation and safety of SR 198 by providing access control and improving the connectivity of the corridor between two highway systems – Interstate 5 and SR 99. The Project also includes the closure of two at-grade crossings, which will reduce traffic hazards and ultimately make it safer to access jobs, housing, and commerce on the south side of SR 198.

For Lemoore, improved access to the Lemoore Industrial Park is essential for economic development and job creation purposes. There are over 475 acres of industrial and commercial zoned properties south of State Route 198 that will be positively affected by the addition of the interchange, of which, over 110 acres are unimproved and once they are developed, will certainly add to the traffic congestion in the area. These sites will be much more attractive to developers when access and safety are improved. In addition to future jobs and development, the construction phase will put people to work and help boost our economy.

HISTORY: On October 15, 1958, the length of road from 19th Avenue to 0.2 miles east of 18 ½ Avenue was declared to be a **freeway** by the California Transportation Commission. At that time, it was recognized by all parties that an Interchange at 19th Avenue would be necessary in the future and on February 7, 1984, the City entered into an agreement with the State of California, whereby the City agreed to the closing of certain City streets, relocation of City streets, construction of frontage roads and other local roads, and other construction affecting City streets, all of which were required as part of the Interchange Project.

SR 198 CORRIDOR: As part of the Interregional Road System, SR 198 connects Interstate 5 and SR 99. It is also part of the National Highway System and serves as a designated large truck route. An interchange at SR 198 and 19th Avenue will continue the SR 198 Corridor improvement concept and will enhance the connectivity of the corridor.

ECONOMIC DEVELOPMENT: In the 26 years that this Project has been in the works, many changes have taken place in Lemoore:

- The population of Lemoore has more than doubled
- Approximately 1,000 employees work in the Lemoore Industrial Park located south of Hwy 198 at 19th Avenue (700 seasonal/300 year round)
- There are several businesses located in the area
  - Olam Tomato Processors
  - Valero gas station
  - CFN fuel card-lock

- Royer Cycle & Marine
- Fastenal construction supply store
- Cemex ready-mix plant
- Motel 6 (a 3-story interior corridor hotel)
- 4-story hotel (site plan approved)
- Retail buildings (site plan approved)
- Restaurant (site plan approved)

- The truck traffic for the industries and commercial businesses utilizing the exit at 19th Avenue is substantial
- Potential for additional commercial & industrial development with improvement access
- Increased traffic on SR 198 due to further development of Naval Air Station Lemoore
- Kings County unemployment rate has increased substantially
  - July 2010 – 15.6% (CA 12.3%; US 9.5%)
  - July 1990 – 9.9% (CA 6.0%; US 5.5%)

CIRCULATION: This interchange is necessary for the circulation and safety associated with the businesses located in the Lemoore Industrial Park. Currently, direct access on 19th Avenue across SR 198 is not permitted. This significantly slows emergency vehicle response time. To access the Park and the businesses located there, employees, patrons, truck deliveries in and truck shipments out all use various roadways and maneuvers. To save time, many drivers will use the following turn movements instead of taking alternative routes that are much safer:

The majority of Lemoore's population lives north of SR 198. In order to get from 19th Avenue on the north side of SR 198 to 19th Avenue on the south side of SR 198, vehicles must enter SR 198 westbound (from a complete stop, into traffic going 65 mph), take the SR 41 exit, cross traffic on northbound SR 41 (from a complete stop, across traffic going 65 mph), then enter SR 41 southbound (again from a complete stop, into traffic going 65 mph), take the overpass across SR 198, turn left to cross SR 41 northbound traffic (again from a complete stop, across traffic going 65 mph), head eastbound on SR 198 (going 65 mph), then exit south on 19th Avenue. This same, very dangerous, traffic movement occurs on bright sunny days, in the darkest of nights, and in the thickest of fog.

For vehicular traffic exiting 19th Avenue south of SR 198 needing to cross to the north side of SR 198, one must enter SR 198 eastbound (from a complete stop, into traffic going 65 mph), cross to the left hand lane, take the Vine Street exit and cross traffic heading westbound on SR 198 (also going 65 mph).

For those desiring to head westbound on SR 198, ideal circulation is compromised greatly. Again, vehicular traffic must head east on SR 198 to the Vine Street exit, this time making a U-turn in front of vehicles traveling westbound. All sizes of vehicles (including semi-trucks) have been seen making U-turns in front of traffic traveling at a posted speed limit of 65 mph.

ACCIDENT HISTORY: On October 8th, 1982, a passenger van was involved in a traffic accident along SR 198 at 19th Avenue. Nine of the eleven passengers were killed in the

collision and another later died from injuries. More recently, January 27, 2009, a passenger car accident resulted in one death and one injury. In 2009, a total of eight people were injured at this location in six different accidents.

In 2001, a bicyclist tried to cross SR 198 at Vine Street. He was hit and killed. Vine Street is significant in this project because it is scheduled for closure following the construction of the interchange at 19th Avenue. More recent collisions on Vine Street include an accident on May 8, 2008, in which one person died. On May 16, 2008, a motorcycle with two riders, hit the end of the worm (turn stall). They were both treated for major injuries.

In the past two years, there have been more than 40 accidents on SR 198 at 19th Avenue and Vine Street; nine of which resulted in injuries. Of the nine injury accidents, 12 persons were injured and 2 died. None of these deaths and injuries would have occurred if the interchange had already been in place.

TRAFFIC MODELING: Construction of an interchange at 19th Avenue would improve traffic flow, reduce congestion and also reduce the number of vehicle miles traveled (VMT). Traffic models were created which show the percent of VMT using state routes to travel to and from traffic analysis zones (TAZs) in the Lemoore Industrial Park. The model measured traffic flows on SR 198 between 18th Avenue and SR 41, and on SR 41 between Bush Street and SR 198, as well as the forecasted 2035 traffic flows with and without the interchange. The tables below reflect the percentage decrease in 2013 and 2035:

Percentage of VMT Using State Routes to Travel to/from Industrial TAZs **(2013)**

Link	Without Project	With Project
SR 41	11.5%	3.9%
SR 198	14.0%	10.2%

Percentage of VMT Using State Routes to Travel to/from Industrial TAZs **(2035)**

Link	Without Project	With Project
SR 41	9.9%	5.3%
SR 198	23.2%	10.3%

In addition, when comparing the total VMT for all trips in the two scenarios, there are sizable decreases in overall VMT with the completion of the interchange. This suggests that the 19th Avenue interchange would likely positively affect the levels of service for the state routes because it relieves congestion. The tables below summarize the decreases in VMT for both total VMT and select zone VMT:

2013 VMT Comparison With and Without Project

Link	Without Project VMT Total	With Project VMT Total	Percent Decrease	Select Zone VMT Without Project	Select Zone VMT With Project	Percent Decrease
SR 41	23,805	19,289	19.0%	2761	751	72%
SR 198	33,500	31,921	4.7%	4696	3256	30%

2035 VMT Comparison With and Without Project

Link	Without Project VMT Total	With Project VMT Total	Percent Decrease	Select Zone VMT Without Project	Select Zone VMT With Project	Percent Decrease
SR 41	33,093	29,580	11.0%	3294	1594	52%
SR 198	61,915	53,910	12.9%	14,343	5531	61%

The models clearly show the benefit to the state highway system with an interchange at SR 198 and 19th Avenue especially when select zones are identified.

CURRENT STATUS: The 19th Avenue Interchange Project remains at the top of Kings County Association of Government (KCAG) priority list. The design phase is nearly complete and Caltrans is currently working on acquiring all of the right-of-way. According to the latest Caltrans quarterly status report, the Project schedule is as follows:

Environmental Document:	Completed June 20, 2005
Preliminary Design:	Target Date of October 2010
Right of Way Certification:	Target Date of August 2011
Ready to List:	Target Date of September 2011
Advertise:	Target Date of December 2011

(To be eligible for CMIA savings, projects must be able to be awarded by December 30, 2012. This Project is on schedule to meet the deadline.)

PROJECT COST: In 2008, the total Project cost (e.g. engineering, design, right-of-way, construction) was estimated at $36,234,000, with construction estimated at $29,070,000 and engineering, design and right-of-way estimated at $7,164,000. Now that the design is 95 percent complete, the total Project cost has grown to $39,574,000, an increase of over $3,000,000. The table below shows how the Project cost has increased over the last three years:

	2008	**2009**	**2010**
PA&ED Support	$1,291,000	$1,471,000	$1,291,000
PS&E Support	2,264,000	1,630,000	2,800,000
RW Support	609,000	451,000	609,000
RW Capital	3,000,000	5,804,000	5,804,000
Construction Support	2,770,000	2,770,000	2,770,000
Structure	12,660,000	12,660,000	12,660,000
Roadway	13,640,000	13,640,000	13,640,000
Total Project Cost	$36,234,000	$38,426,000	$39,574,000

Funding for this Project was programmed in the State Transportation Improvement Program (STIP) in 2006, utilizing an advance on the Kings County Regional Shares. At that time, the Project was fully funded at $36,234,000. However, **STIP funds were advanced from as far out as 2020.** The total cost of construction – $29,000,000 – remains programmed in the FY 2011-12 STIP. The $3,000,000 gap remains unfunded.

BENEFIT/COST RATIO: The benefit/cost ratio of the Project is **1.8**.

CMIA COST SAVINGS: The SR 198 Hanford Expressway project received CMIA funding in Kings County for $48.7 million and in Tulare County for $22.9 million for a total of $71.6 million. However, the project achieved a savings of $27.1 million. Of the savings, a proportionate $16.3 million was available for reprogramming from the Kings County amount and $10.8 million was available for reprogramming from the Tulare County amount. It was believed that the CMIA savings from the SR 198 Expressway project would be placed back into the SR 198 corridor. In a coordinated effort, KCAG and Tulare County Association of Governments (TCAG) submitted proposals for CMIA savings from these respective amounts.

The 19th Avenue Interchange Project was submitted to the California Transportation Commission (CTC) for funding in the **initial round** of CMIA programming. The request was for $16.5 million to help offset the programmed STIP amount. The CTC listed it in Tier 3 of the recommendations for Northern California CMIA Savings. (Tulare County received $7.8 million of the CMIA savings request.)

Although the 19th Avenue Project is considered fully funded, **Kings County is currently overdrawn in its STIP Regional Shares balance by $23.5 million.** In addition, there continues to be a $3 million gap. Advancing STIP funds reduces Kings County's ability to fund other projects. The current negative balance makes it impossible to program new projects that will benefit the state highway system. Based on the current state transportation funding situation, it may not be until the 2016 STIP cycle when Kings County would have a positive STIP Regional Share balance to even be able to program just the environmental phase of a project. **CMIA savings applied to the 19th Avenue Interchange Project would <u>fill the $3 million gap</u> and <u>offset the negative STIP Regional Share balance</u>, affording Kings County the ability to fund other projects that benefit the state highway system.**

MATCH: The City of Lemoore and the Lemoore Redevelopment Agency are donating over $1.5 million toward the Project in the form of land dedication for ROW. These two entities have acquired property over the past several years in order to dedicate the land needed for this Project. Since these properties are not considered an expense for this Project, the amount is not reflected in the totals above. If shown, ROW Capital would increase by that amount.

CONCLUSION: The 19th Avenue Interchange Project is on schedule to be listed by September 2011 and meets the CMIA deadline of December 2012. An interchange at this location will enhance the operation and safety of SR 198 by providing access control and improving the connectivity of the corridor between Interstate 5 and SR 99. This stretch of highway is laden with poor circulation, safety concerns, reduced emergency vehicle response time, and the worst traffic fatality in Kings County's history. The Project will improve the economic viability of the Lemoore Industrial Park and provide for safe access to and from the area. Staff from the City of Lemoore, KCAG and Caltrans District 6 have all been working diligently and cooperatively to bring this project to fruition. The City and Redevelopment Agency have contributed a sizable match valued at over $1.5 million. With CMIA funding in the amount of $16.5 million, we can be assured that our Project will once again be fully funded and the STIP Regional Share commitments would be freed up for other projects along the state highway system in Kings County.