

# **Kev Txheeb Xyuas Kev Ua Raws Cov Cai Hais Txog Huab Cua Zoo**

## **South Fresno State Route 99 Corridor**

D6 – FRE – 99 – PM – 12.5/19.1

06-0H240 0600020559

Yim Hli Ntuj Xyoo 2022

Npaj Los Ntawm:



Maya Hildebrand, Tus Neeg Dhia Dej Num Txog Fab Huab Cua Zoo  
District 6 Fresno

Hnub Tim:

Lub Yim Hli Tim 24, 2022



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## **Tshooj 1. Lus Qhib Phiaj Qhia thiab Lus Piav Qhia txog Lub Khoos Kas**

Qhov Kev Txheeb Xyuas Kev Ua Raws Cov Cai Hais Txog Huab Cua Zoo no muaj cov ntaub ntawv uas xav tau coj los txiav txim txog kev ua raws cov cai hais txog huab cua zoo qib khoos kas rau lub khoos kas South Fresno State Route 99 Corridor. Qhov kev txheeb xyuas no yog npaj raws nkaus li cov ntaub ntawv uas tshaj tawm los ntawm Federal Highway Administration (Tsoom Hwv Teb Chaws Lub Loos Kam Saib Xyuas Kev Tsheb Loj) ntsig txog Kev Txheeb Xyuas Kev Ua Raws Cai Qib Khoos Kas, Standard Environmental Reference (SER) Daim Ntawv Teev Cov Npe Yam Uas Yuav Tau Tshuaj Xyuas Txog Kev Ua Raws Cov Cai Hais Txog Huab Cua Zoo (uas yog muab suav nkag ua Daim Ntawv Txuas Tw A), U.S. Environmental Protection Agency (Teb Chaws Meskas Lub Chaw Hauj Lwm Tiv Thaiv Cheeb Tsam Puag Ncig) cov lus qhia txog kev txheeb xyuas qib khoos kas, Txoj Cai Hais Txog Kev Ua Raws Cai Rau Kev Thauj Mus Los ntawm 40 Code of Federal Regulations 93 Subpart A, thiab Section 176(c) ntawm Federal Clean Air Act (Tsoom Hwv Teb Chaws Tsab Cai Hais Txog Cua Huv) (42 U.S. Code 7506(c)).

Qhov kev txheeb xyuas no tsuas yog hais txog qhov yuav tsum tau ua raws li Tsoom Hwv Teb Chaws Tsab Cai Hais Txoh Cua Huv nkaus xwb. Nws tsis hais txog kev txheeb xyuas huab cua zoo nthuav dav los sis cov kev tshawb fawb uas ua rau National Environmental Policy Act (Tsab Cai Hais Txog Txoj Cai Tswm Cheeb Tsam Puag Ncig Hauv Teb Chaws, NEPA) los sis California Environmental Quality Act (California Tsab Cai Hais Txog Qhov Zoo Ntawm Cheeb Tsam Puag Ncig, CEQA), thiab tsuas yog hais txog cov pa phem uas cheeb tsam lub khoos kas ua tsis tau raws, los sis ua tau raws li Lub Lav Txoj Phiaj Xwm Kev Nqis Tes Ua Qhov Xwm Txheej Kev Saib Xyuas uas tau txais kev pom zoo, los ntawm Teb Chaws Meskas Lub Chaw Hauj Lwm Tiv Thaiv Cheeb Tsam Puag Ncig.

Daim ntawv tshaj qhia no yog npaj los muab tag nrho txhua yam ntaub ntawv uas Tsoom Hwv Teb Chaws Lub Loos Kam Saib Xyuas Kev Tsheb Loj xav tau coj los ua kev txiav txim txog kev ua raws cai qib khoos kas rau lub khoos kas uas poob rau hauv 23 U.S. Code (USC) 327 NEPA Assignment rau Caltrans; los sis xoj los txhawb kev txiav txim siab txog kev ua raws cai qib khoos kas yam txhij txhua los ntawm Caltrans raws li 23 Code of Federal Regulations (CFR) 326 NEPA Assignment rau cov khoos kas uas yuav tsum muaj kev txiav txim siab txog kev ua raws cai qib khoos kas (xws li cov khoos kas tseem ceeb hauv cheeb tsam raws li tau teev tseg hauv 40 CFR 93.101), thiab raug faib nkag rau hauv pab pawg uas raug zam los ntawm kev txheeb xyuas NEPA raws li 23 CFR 771.117(c)(22) los sis 23 CFR 771.117(c)(23).

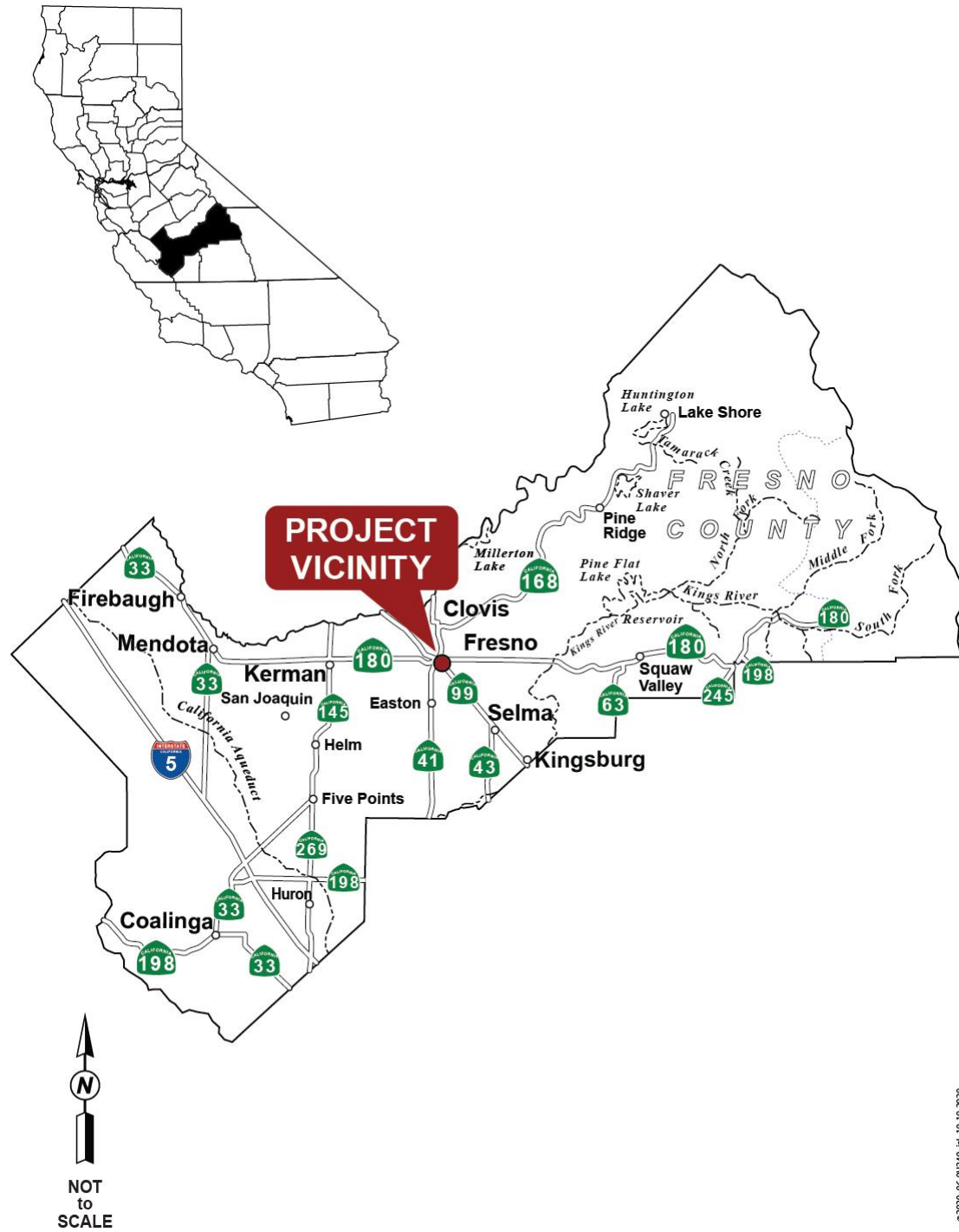
### **1.1 Lus Piav Qhia Txog Lub Khoos Kas**

California Feem Hauj Lwm Saib Xyuas Kev Thauj Mus Los (Caltrans) tau koom tes nrog Fresno Pawg Tub Coj Xwm ntawm Tsoom Hwv, Fresno Khauj Tim, thiab Nroog Fresno muaj lus thov kom rov ua ob txoj kev sib tshuam uas twb yeej muaj lawm—ntawm American Avenue thiab North/Cedar Avenue—ntawm State Route 99 nyob rau nua

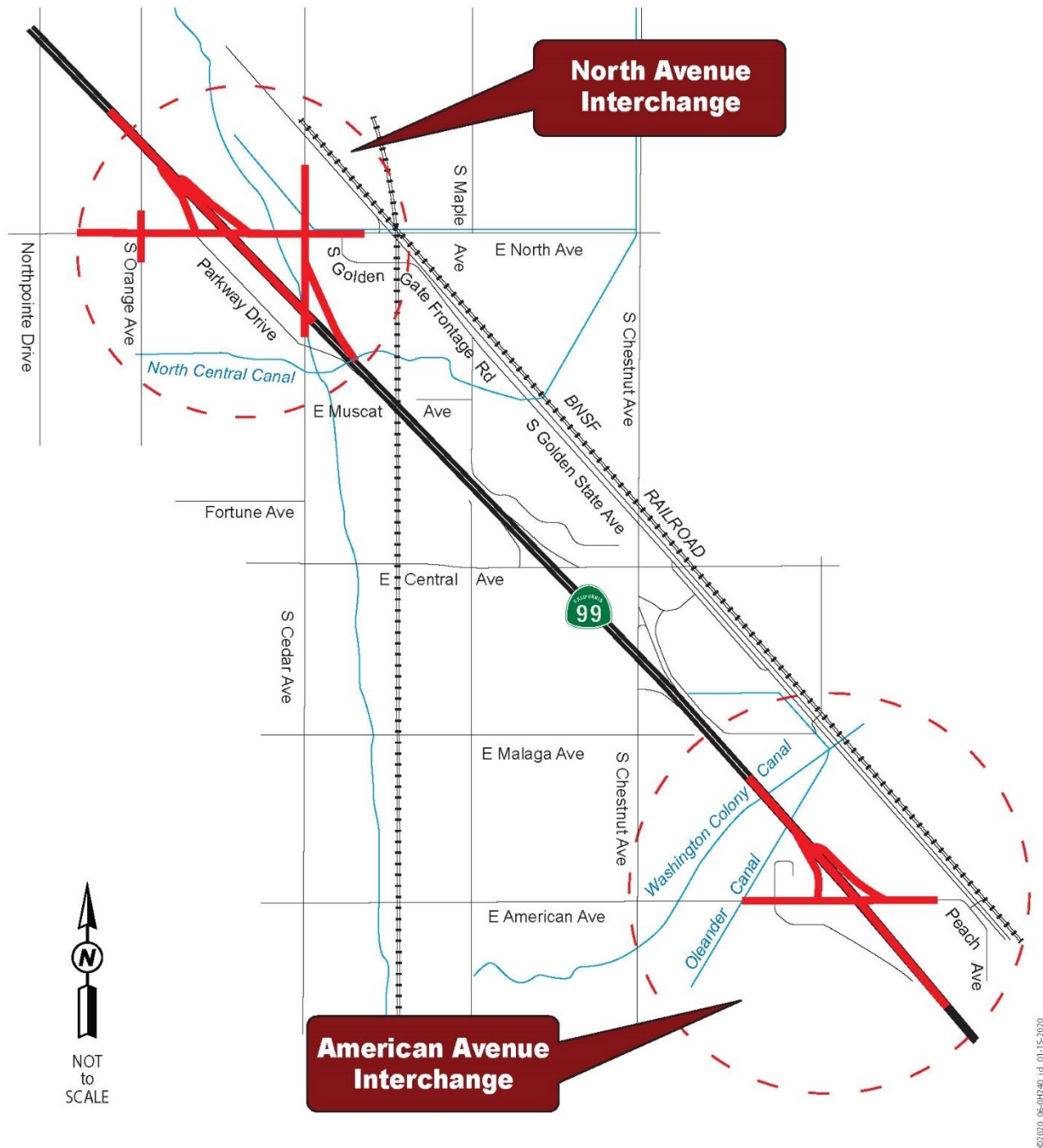
tom qab mais kev 12.5 txog 19.1 nyob rau cheeb tsam sab qab teb hnuv poob ntawm Nroog Fresno (saib Daim Duab 1 thiab 2).Lub khoos kas no yuav tsis hloov txoj kev State Route 99 txoj kab plawv kev tseem ceeb, tshwj kiag tias yog kev hloov kho rau cov kev nkag thiab tawm uas los mus txiav txoj plawv kev tseem ceeb nyob rau ntawm qhov chaw kev sib tshuam, thiab txhawm rau teeb kev tuav tswj tsheb thaum lub sij hawm ua txoj kev no.

Lub khoos kas no yog nyob rau hauv Fresno Khauj Tim, nyob rau hauv cheeb tsam uas muaj cov chaw industry thiab chaw lag luam sib mus txog hnyav.Ntau lub tuam txhab xa khoom loj muaj cov chaw hauj lwm nyob ze ntawm North Avenue thiab kav xyeem siv txoj kev State Route 99 rau kev mus cuag cov neeg siv khoom.North Avenue thiab American Avenue yog ob txoj kev tseem ceeb uas siv mus rau txoj kev State Route 99 nyob rau hauv cheeb tsam lub khoos kas.

Daim Duab 1. Cheeb Tsam Ib Ncig Lub Khoos Kas.



**Daim Duab 2. Thaj Chaw Ua Lub Khoos Kas.**



Lub hom phiaj ntawm lub khoos kas South Fresno State Route 99 Corridor ces yog los txhim kho kev khiav tsheb khiav ntawm cov kev tshuam North Avenue thiab American Avenue uas twb yeej muaj lawm. Cov kev tshuam no yog ua nyob rau xyoo 1965, thiab cov kev qub no muaj ntau yam teeb meem uas yuav tsum tau daws kho txhawm rau muab hloov kho kom zoo raws li Caltrans cov cai hais txog tus qauv nyob rau tam sim no.



Lub khoos kas no yog xav tau los daws kho cov kev tsheb qub. Cov kev sib tshuam no yuav tsum tau hloov kho kom zoo raws li Caltrans cov cai hais txog tus qauv nyob rau tam sim no. Lub khoos kas yuav kho cov teeb meem hauv qab no:

- Kev hloov kho cov kev tshuam uas twb yeej muaj lawm uas ua tsis tau li tus qauv cai thiab raug faib ua tsib txoj kev sib tshuam thiab ib nrab.
  - Cov kev tshuam ib nrab muaj cov kev nkag thiab tawm thiab tsis muaj cov kev nkag thiab tawm uas phim cov kev no, ua rau cov tsheb yuav tsum tau siv cov kev hauv zos los nkag mus rau txoj kev State Route 99.
- Tsuas muaj ob txoj kab khiav tsheb rau kev khiav tsheb hla txoj kev loj: ib txoj kab rau ib seem kev khiav tsheb xwb.
- Cov kev nkag thiab tawm nqaim heev, uas ua rau muaj kev nyuaj tshwj xeeb rau kev khiav cov tsheb thauj khoom loj.
- Cov roj hmab pua kev yog puas tsuaj loj heev lawm.
- Ntau txoj kev khiav tsheb taug ntug nroog uas nyob ze ntawm cov chaw ntawm txoj kev State Route 99 uas twb yeej muaj lawm tsim teeb meem nyuaj rau kev txav cov tsheb khiav hauv txoj kev loj los nkag thiab tawm ntawm txoj kev State Route 99.

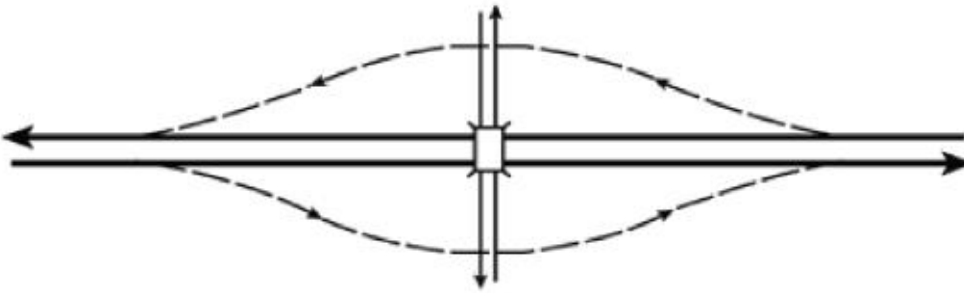
Qhov No-Build Alternative yuav tsis tuaj yeem hais daws tau ib qho twg ntawm cov teeb meem uas hais los saum toj no, thiab Qib Kev Pab Cuam thiab kev khiav tsheb ceev yuav poob qis mus rau qib uas tsis tuaj yeem lees txais tau. Txhua qhov Build Alternative (saib hauv qab no) yuav ua ib txoj kev sib tshuam kom ti qab ti ntug nyob rau ntawm txoj kev tshuam ib nrab uas twb yeej muaj lawm, uas yuav tsim qhov zoo rau qhov chaw thiab cov moj khaum uas twb yeej muaj lawm.

Txhua txoj kev xaiv uas xav ua yuav suav nrog kev ua ib tug choj tshiab hla txoj kev State Route 99. Cov kev nkag thiab tawm rau tag nrho txhua seem kev khiav tsheb yog xav npaj ua nyob rau txhua txoj kev xaiv, nrog rau cov kev taug ko taw, cov ntug kev thiab cov kwj tso dej, thiab cov kev crosswalks rau cov neeg mus ko taw. Cov kev hla yuav muaj plaub txoj kab khiav tsheb, ib seem kev khiav tsheb yog muaj ob txoj kab, ntxiv rau txoj npoo kev dav txaus rau kev caij tsheb kauj vab, uas yog ua raws li kev npaj phiaj xwm hauv cheeb tsam rau kev caij tsheb kauj vab. Peb yuab teeb cov teeb qhia thiab teeb pom kev rau. Peb kuj yuav teeb cov kwj tso dej tshiab rau kom tuaj yeem tso dej ntws yeej thaum muaj dej nag loj. Yuav muaj kev cog paj xyoob ntoo tshiab los hloov txhua cov paj xyoob ntoo uas tau muab tshem tawm los ntawm lub khoos kas lawm. Txhua qhov Build Alternative yuav tsum tau yuav cov av taug ob sab ntug kev ntxiv.

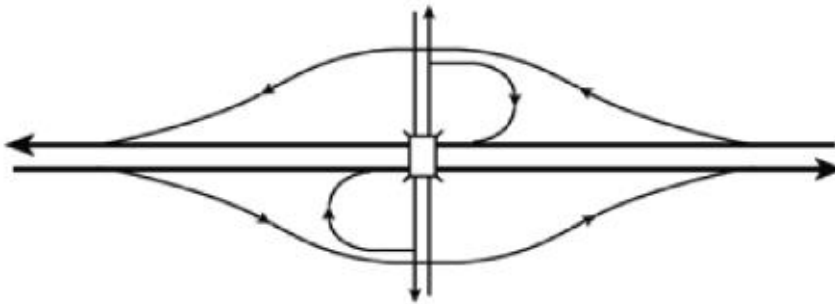
Txhua yam kev txhim kho uas yuav ua no yuav muab ua kom tau raws li cov cai ntawm Americans with Disabilities Act (Tsab Cai Hais Txog Cov Neeg Meskas Xiam Oob Qhab) xyoo 1990.

Muaj peb hom kev sib tshuam qib tiag taw (saib Daim Duab 3).Cov kev xaiv uas yuav ua yog kev hloov pauv los sis kev hloov kho rau cov kev tshuam nthuav dav ntawd.Ob hom kev sib tshuam tau raug xaiv yuav koj los ua rau North Avenue, thiab ob hom kev sib tshuam tau raug txiav koj los ua rau American Avenue.

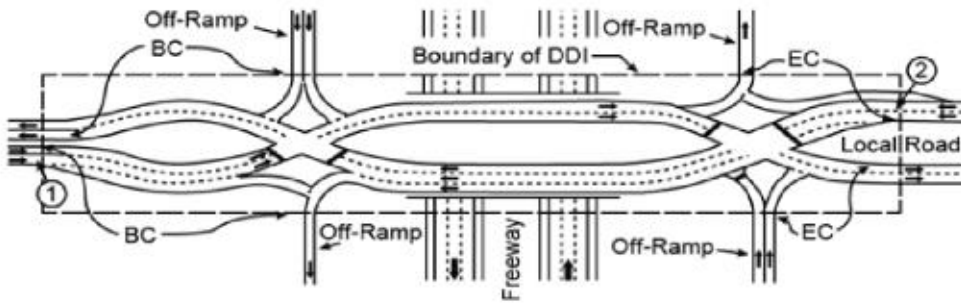
**Daim Duab 3. Kev Hloov Kho Cov Kev Tshuam Nthuav Dav.  
Lub Diamond Nthuav Dav (Hom L-2)**



**Nplooj Qhwv Ib Nrab (Partial Cloverleaf) (Hom L-9)**



**Ntau Lub Diamond Sib Txawv (DDI)**

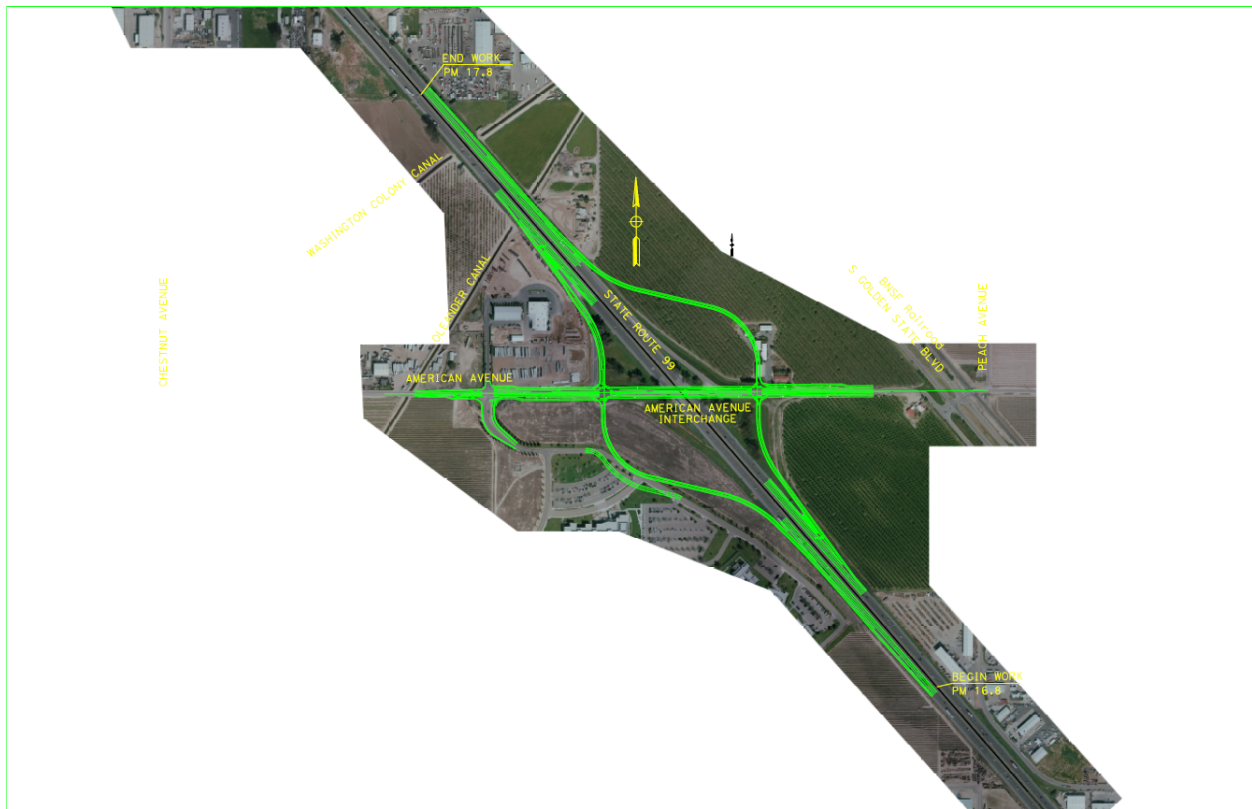


### 1.1.1. American Avenue Cov Kev Xaiv

Muaj ob txoj kev xaiv yuav ua rau ntawm American Avenue (saib Daim Duab 4 thiab 5):

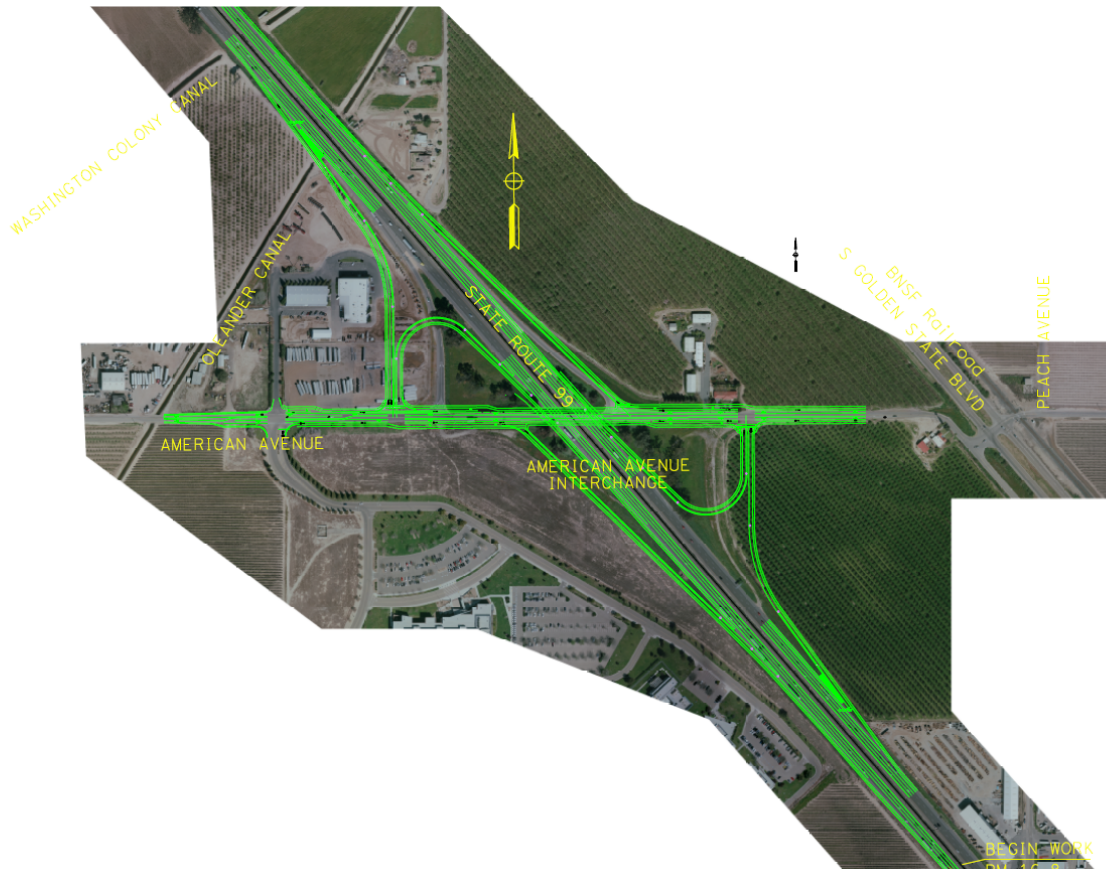
- Qhov Kev Xaiv 1 – Hloov Kho Spread Diamond (Hom L-2)
- Qhov Kev Xaiv 2 – Hloov Kho Partial Cloverleaf (Hom L-9)

#### Daim Duab 4. American Avenue: Qhov Kev Xaiv 1 - Spread Diamond (Hom L-2).



Qhov Kev Xaiv 1 thiab 2 yog txoj kev sib tshuam uas ua raws tus qauv uas tawm qauv rau cov kev tsheb hauv lav hauv California. Cov kev xaiv yuav ua ib txoj kev hla tshiab uas muaj plaub txoj kab khiav tsheb, txoj npoo kev, thiab txoj kev taug ko taw. Cov kev sib tshuam tshiab yuav ua rau ntawm American Avenue uas yog cov kev nkag thiab tawm yuav los tshuam rau American Avenue thiab yuav muaj cov teeb qhia thiab teeb pom kev, cov kev taug ko taw, cov ntug kev, thiab cov kwj deg. Cov kev sib tshuam yog nyob rau sab hnuv poob thiab sab hnuv tuaj ntawm txoj kev hla tshiab, raws li kev tawm tus qauv kev xaiv ntawm txhua txoj kev. Peb yuav pua roj hmab ua plaub txoj kab khiav tsheb thiab tsuag cov kab txaj los ntawm qhov kev sib tshuam tshiab raws txoj kev American Avenue dhau los ntawm cov kev sib tshuam txoj kev nkag thiab tawm, tom qab ntawd yuav ua ob txoj kab khiav tsheb lawm xwb. Nyob rau sab hnuv poob ntawm txoj kev State Route 99, plaub txoj kab khiav tsheb yuav nqis mus ua ob txoj kab khiav tsheb ua ntej txoj kev tsheb ntawm County Juvenile Detention Facility; nyob rau sab hnuv tuaj ntawm txoj kev State Route 99, plaub txoj kab khiav tsheb yuav hlv me los mus thiab xaus ua ntej qhov kev tshuam Golden State Highway.

## Daim Duab 5.American Avenue: hov Kev Xaiv 2 - Partial Cloverleaf (Hom L-9).



Cov kev sib tshuam voj voog kuj xav tias yuav ua rau ntawm qhov kev sib tshuam ntawm qhov chaw txoj kev txais uas yog txoj kev nkag thiab tawm yuav los tshuam rau ntawm American Avenue. Cov kev sib tshuam no feem ntau yuav raug tsim qauv los ua cov kev tshuam plaub txoj kev raws li tus qauv. Tag nrho Qhov Kev Xaiv 1 thiab 2 tib si puav leej xav kom ua hom kev tshuam ua voj voog rau coj los ntsuam xav ua ib qho kev xaiv. Cov kev tshawb fawb qhia hais tias cov kev tshuam ua lub voj voog yuav muaj kev nyab xeeb dua, nyob rau qee cov xwm txheej, thiab pom tau tias yuav muaj txiaj ntsig rau kev khiav tsheb kom qeeb dhau los ntawm kev zam tsheb thiab txo qis cov kev khiav tsheb los tsoo lub ces kaum sab xis ntawm cov kev sib tshuam. Peb yuav sib koom tes txuas ntxiv mus nrog Nroog Fresno txhawm rau los txiav txim siab seb puas yuav ua lub voj voog.

### 1.1.2. North Avenue Cov Kev Xaiv

Muaj ob txoj kev xaiv yuav ua rau ntawm North Avenue (saib Daim Duab 6 thiab 7):

- Qhov Kev Xaiv 2 – Hloov Kho Partial Cloverleaf (Hom L-9)
- Qhov Kev Xaiv 4 - Diverging Diamond Interchange (DDI)

Hais txog rau tag nrho North Avenue cov kev xaiv, txoj kev nkag thiab tawm ntawm Cedar Avenue yuav raug kaw thiab muab rhais mus rau North Avenue txoj kev sib

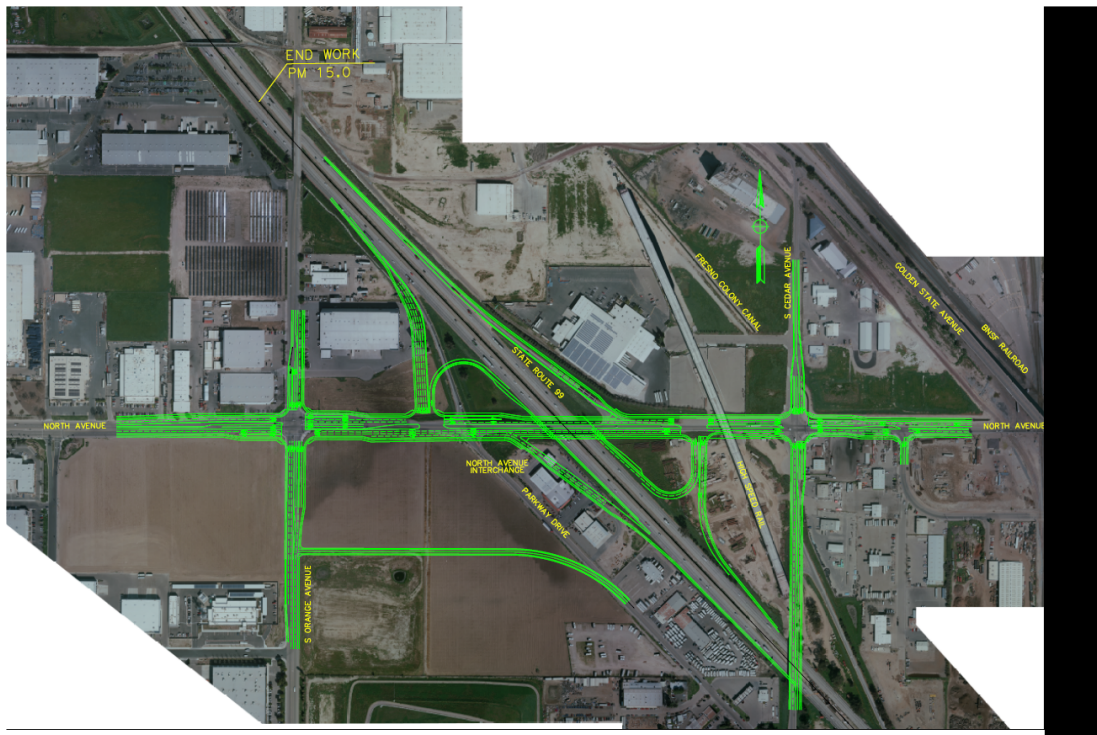
tshuam.txoj kev nkag sab qab teb thiab txoj kev tawm sab qaum teb yuav raug tshem tawm.

Qhov Kev Xaiv 1 yog txoj kev sib tshuam uas ua raws tus qauv uas tawm qauv rau cov kev tsheb hauv lav hauv California.Cov Kev Xaiv 2, 3 thiab 4 yog kev hloov kho rau hom qauv kom haum rau cheeb tsam puag ncig tsim tam sim no; txawm li cas los xij, Qhov Kev Xaiv 4 tau raug xaiv vim tias qhov kev tawm qauv no yuav tuaj yeem txhawb nqa kev muaj tsheb khiav coob tau zoo tshaj plaws, thiab nws yuav xav tau siv cov av npuab ob sab ntug kev tsawg tshaj plaws los ua txoj kev yog muab piv rau lwm cov kev xaiv.

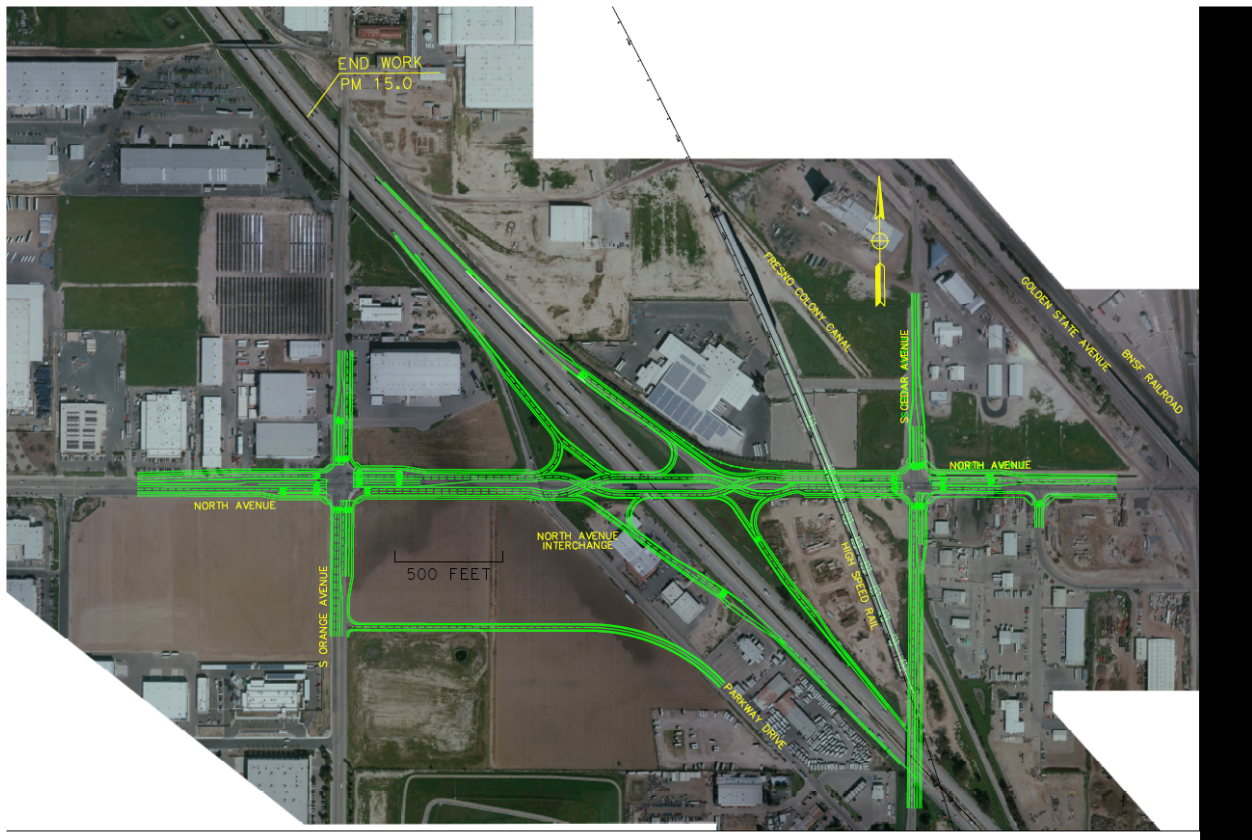
Dua li cov qauv uas xav ua uas tau piav qhia rau txhua yam kev xaiv, tej qhwb qho kev xaiv uas yuav ua nyob rau ntawm North Avenue yuav txhim kho cov kev sib tshuam uas North Avenue thiab Orange Avenue mus tshuam rau, sab hnuv poob ntawm txoj kev sib tshuam, thiab qhov uas North Avenue thiab Cedar Avenue mus tshuam rau ntawm sab hnuv tuaj.

Tag nrho txhua yam kev xaiv uas xav ua nyob rau ntawm North Avenue yuav suav nrog qhov kev hloov kho nyob rau sab qaum teb kawg ntawm Parkway Drive los mus txuas rau Orange Avenue.Tam sim no, Parkway Drive yog txoj kev pem hauv ntej sab hnuv poob ntawm State Route 99 nyob rau ncuu Cedar Avenue thiab North Avenue.

### Daim Duab 6. North Avenue: Qhov Kev Xaiv 2 – Hloov Kho Partial Cloverleaf (Hom L-9).



## Daim Duab 7.North Avenue: Qhov Kev Xaiv 4 - Diverging Diamond (Hom L-2)..



Qhov Kev Xaiv 4 uas yuav ua yog kev hloov kho Diverging Diamond Interchange. Hom kev sib tshuam no haum rau cov kab khiav tsheb zij tawm los sis lem tawm txhawm rau ua kom kev khiav tsheb dhau ntawm txoj kev sib tshuam tsis txhob sib daig. Tus qauv no yuav siv chaw tsawg dua los pab kom tuaj yeem khiav tau tsheb coob dua, nrog rau muaj kev sib tsoo tsawg dua yog muab piv rau lwm hom kev sib tshuam raws tus qauv.

Cov kev sib tshuam voj voog kuj xav tias yuav ua rau ntawm qhov kev sib tshuam ntawm qhov chaw txoj kev txais uas yog txoj kev nkag thiab tawm yuav los tshuam rau ntawm North Avenue. Cov kev sib tshuam no feem ntau yuav raug tsim qauv los ua cov kev tshuam plaub txoj kev raws li tus qauv. Tag nrho Qhov Kev Xaiv 1, 2, thiab 3 tib si puav leej xav kom ua hom kev tshuam ua voj voog rau coj los ntsuam xav ua ib qho kev xaiv.

Txawm hais tias hom kev sib tshuam no yuav tsis tau txais txiaj ntsig zoo nyob rau cov kev sib tshuam uas yog ncauj kev rau cov kev nkag kev tawm nrog rau kev hloov kho txoj kev sib tshuam Qhov Kev Xaiv 4 uas yuav ua, tab sis tuaj yeem muab ntsuam xa rau txoj kev sib tshuam rau cov kev hauv cheeb tsam xws li txoj kev tshuam North thiab Orange Avenue thiab txoj kev sib tshuam North thiab Cedar Avenue.

### 1.1.3. Kev Tsim Ua

Nrog rau qhov kev tsim kho uas npaj yuav ua rau ntawm ob sab ntug kev loj, khwv yees tias tej zaum yuav muaj tsheb khiav coob tshaj qub ntxiv, tshwj xeeb tshaj mas yog cov

tsheb thauj khoom loj. Caltrans cov kev tshawb fawb txog kev khiav tsheb qhia hais tias kev ua hauj lwm thiab kev siv tau zoo ntawm cov kev sib tshuam yuav poob qis mus ntxiv yog tias tsis muaj kev txhim kho.

Kev ua cov kev no khwv yees tias yuav ntev txog 18 lub hlis nyob rau ntawm txhua qhov chaw. Cov kev sib tshuam yuav tib txhij ua nyob rau tib lub sij hawm, uas yog yuav pib ua nyob rau Lub Rau Hli Xyoo 2024. Hnub Qhib Siv yog khwv yees tias nyob rau Lub Ib Hli Xyoo 2026.

## 1.2 Lub Moj Khaum Fab Kev Cai Hais Txog Huab Cua Zoo

Daim Phiaj Ziam 1 qhia tias lub khoos kas uas xav ua no yog nyob rau hauv ib cheeb tsam uas muaj Ozone (O<sub>3</sub>) paug dhau cai, muaj cov Nitrogen Dioxide (NO<sub>2</sub>) thiab Carbon Monoxide (CO) uas tsis faib hom paug tsis dhau cai, muaj cov plua plav qias neeg uas tau txais kev tu lawm 10 (PM<sub>10</sub>), thiab muaj kev paug dhau cai rau cov plua plav qias neeg 2.5 (PM<sub>2.5</sub>). Qhov kev txheeb xyuas no tsom mus rau cov pa phem uas yog tus qauv no. Tus txheej txheem kev ua raws cai tsis hais txog cov pa phem rau cheeb tsam uas tsis paug/txis faib hom, cov kuab lom xyaw huab cua los ntawm qhov chaw uas txav chaw, lwm cov kuab lom paug rau huab cua los sis cov pa phem paug huab cua uas phom sij, los sis cov greenhouse gases.

### Daim Phiaj 1. Xwm Txheej Kev Paug Pa Phem Dhau Cai Hauv Cheeb Tsam Ua Lub Khoos Kas – Xwm Txheej Qib Tsoom Hwv Teb Chaws.

Cov Pa Phem Uas Yog Tus Qauv	Xwm Txheej Kev Paug Dhau Cai Ntawm Tsoom Hwv Teb Chaws
Ozone (O <sub>3</sub> )	Paug Dhau Cai - Siab Heev
Nitrogen Dioxide (NO <sub>2</sub> )	Paug Tsis Dhau Cai-Tsis Faib Hom
Carbon Monoxide (CO)	Paug Tsis Dhau Cai-Tsis Faib Hom
Cov Plua Plav Qias Neeg (PM <sub>10</sub> )	Paug Tsis Dhau Cai-Tau Txais Kev Tu Lawm
Cov Plua Plav Qias Neeg (PM <sub>2.5</sub> )	Paug Dhau Cai-Hnyav Heev

Muab Los Ntawm: <https://www.valleyair.org/aqinfo/attainment.htm>

Lub San Joaquin Valley Air Basin (SJVAB) yog nyob rau ntawm Central Valley of California, uas muaj tag nrho 8 khauj tim xws li: Fresno, sab hnub poob ntawm Kern, Kings, Madera, Merced, San Joaquin, Stanislaus, thiab Tulare khauj tim (saib Daim Duab 8).

Qhov chaw ua lub khoos kas ces yog nyob kiag rau sab qab teb ntawm Nroog Fresno, uas yog yuav luag nyob kiag rau hauv lub plawv Central Valley lawm.

Cov huab cua hiav txwv tshuab los mus rau hauv lub hav los ntawm Carquinez Straits hauv San Francisco Bay, thiab raug tshuab mus rau hauv Central Valley, uas yog muaj roob thaiv ob sab los ntawm lub Coastal Ranges nyob rau sab hnub poob thiab lub Sierra Nevada nyob rau sab hnub tuaj.



Cov cua muaj ceem uas ntsawj tuaj sib law liag nrog lub ntsaws hav thiab ntsawj mus rau sab qab teb, hos cov cua uas tshuab muaj ceem tshaj plaws zeeg ob ho tshuab mus rau sab qaum teb. Thaum yav nruab hnuab, kev tso cov pa xub pib los ntawm Bay Area thiab sab qaum teb ntawm San Joaquin Valley Air Basin tshuab mus rau sab qab teb mus rau San Joaquin Valley sab hauv thiab mus sib sau ua ke los ntawm sab qab teb Stockton mus rau Bakersfield. Yav tsaus ntuj, cov cua yuav tshuab raws rov qab vim cov cua yuav txias dua, ua rau lub zeej zeeg cua tshuab cov cua rov qab los mus rau nws qhov chaw qub. Lub zeej zeeg cua no hu ua "Fresno Eddy." Txawm tias yuav muaj qee nthwv cua tshuab los ntawm Tehachapi Mountains los mus rau Mojave Desert los xij, tab sis cov cua feem ntau kuj raug kaw thiab tshuab tsis taus mus ntxiv lawm.

**Daim Duab 8. Lub San Joaquin Valley Air Basin.**



Muab Los Ntawm: <https://www.valleyair.org/aqinfo/region-map.htm>

**1.3 Cov Lus Xam Pom Txog Kev Tshuaj Xyuas Los Ntawm Zej Tsoom Hais Txog Kev Ua Raws Cov Cai Hais Txog Huab Cua Zoo**

Tau muaj kev thov cov lus xam pom los ntawm zej tsoom hais txog kev txheeb xyuas kev ua raws cai tam li yog ib feem ntawm daim qauv ntawv NEPA uas tshaj tawm nyob rau Lub Kaum Hli Tim 14, 2021. Ncua sij hawm qhib txais cov lus xam pom los ntawm zej tsoom tau txuas ntxiv mus txog rau Lub Kaum Ob Hlis Tim 3, 2021, uas xam tag nrho yog 51 hnuab. Tsis tau txais cov lus xam pom los ntawm zej tsoom hais txog kev ua raws cai li. Daim ntawv theej ntawm tsab ntawv ceeb toom rau zej tsoom yog muaj nyob rau hauv Daim Ntawv Txuas Tw A.

## **Tshooj 2. Kev Ua Raws Cai Hauv Cheeb Tsam**

Lub khoos kas South Fresno State Route 99 Corridor tau raug suav nkag rau hauv qhov kev txheeb xyuas kev tso pa phem hauv cheeb tsam uas yog ua los ntawm Fresno Council of Governments (FCOG) rau kev ua raws Fresno Council of Governments Txoj Phiaj Xwm Kev Thauj Mus Los Hauv Cheeb Tsam (RTP) Xyoo 2018. Lub tswv yim thiab tus ciam rau kev tawm tus qauv rau lub khoos kas tsis muaj kev hloov pauv ntau los ntawm qhov uas tau txheeb xyuas hauv kev txheeb xyuas kev tso pa phem hauv cheeb tsam. Qhov kev txheeb xyuas no pom tau tias txoj phiaj xwm, uas ntsuam xav txog cov khoos kas tseem ceeb hauv cheeb tsam thiab cov teeb meem quas fab nyiaj txiag, yuav ua raws li Lub Lav Txoj (Cov) Phiaj Xwm Hias Txog Kev Nqis Tes Ua (SIP(s)) kom nyob rau thiab/los sis hwj xwm tau qhov National Ambient Air Quality Standards (Cov Qauv Gaus Txog Huab Cua Zoo Thoob Plaws Teb Chaws, NAAQS) raws li tau teev tseg hauv Section 176(c) ntawm Tsab Cai Hais Txog Huab Cua Huv. Tsoom Hwv Teb Chaws Lub Loos Kam Saib Xyuas Kev Tsheb Loj tau txiav txim tias Txoj Phiaj Xwm Kev Thauj Mus Los Hauv Cheeb Tsam yeej ua raws li Lub Lav Txoj Phiaj Xwm Kev Nqis Tes Ua nyob rau Lub Xya Hli Tim 26, 2018. Cov ntaub ntawv ntau ntxiv ntsig txog kev txheeb xyuas kev tso cov pa phem hauv cheeb tsam yog muaj nyob hauv Daim Ntawv Txuas Tw B.

Tsis tas li xwb, lub khoos kas South Fresno State Route 99 Corridor kuj tseem raug suav nkag rau hauv Fresno Council of Government lub Federal Transportation Improvement Program (Tsoom Hwv Teb Chaws Lub Khoos Kas Txhim Kho Kev Thauj Mus Los, FTIP), uas tau txais kev pom zoo nyob rau Lub Xya Hli Tim 26, 2018.

Lub khoos kas no yuav qhib khiav tsheb rau xyoo 2026, uas yog ua raws li (nyob rau hauv tib lub sij hawm ua kev txheeb xyuas kev tso pa phem hauv cheeb tsam) hnuv ua tiav uas tau teev tseg nyob rau hauv Tsoom Hwv Teb Chaws Lub Khoos Kas Txhim Kho Kev Thauj Mus Los thiab Txoj Phiaj Xwm Kev Thauj Mus Los Hauv Cheeb Tsam. Tsoom Hwv Teb Chaws Lub Khoos Kas Txhim Kho Kev Thauj Mus Los saib tseem ceeb rau cov Kev Cai Tuav Tswj Kev Thauj Mus Los (TCMs) uas muaj cai tsim nyog uas tau teev tseg rau hauv Lub Lav Txoj Phiaj Xwm Hias Txog Kev Nqis Tes Ua thiab muab nyiaj kom txaus rau lawv txoj kev nqis tes ua. Tsoom Hwv Teb Chaws Lub Loos Kam Saib Xyuas Kev Tsheb Loj tau txiav txim tias Lub Khoos Kas Txhim Kho Kev Thauj Mus Los yeej ua raws li Lub Lav Txoj Phiaj Xwm Kev Nqis Tes Ua nyob rau Lub Plaub Hlis Tim 16, 2021. Cov ntaub ntawv ntsig txog tus txheeb txheem kev sab laj nrog zej tsoom thiab ntawm cov chaw ua hauj lwm uas tau ua los tsim Lub Khoos Kas Txhim Kho Kev Thauj Mus Los yog muaj nyob rau hauv Daim Ntawv Txuas Tw B.

## **Tshooj 3. Kev Ua Raws Cov Cai Hais Txog Kev Cuam Tshuam Rau Cheeb Tsam (Hot-Spot)**

Lub khoos kas no yog nyob rau hauv ib cheeb tsam uas Muaj Kuab Paug Dhau Cai/Tsis Faib Hom rau carbon monoxide (CO) thiab Muaj Kuab Paug Tsis Dhau Cai rau PM 2.5 thiab Muaj Kuab Paug Dhau Cai tab Sis Tau Txais Kev Tu Lawm rau PM 10. Yog li ntawd, thiaj li yuav tsum tau ua kev txheeb xyuas rau qhov chaw txhawm rau lub hom

phiaj kev ua raws cai seb puas xam tias yog lub Project of Air Quality Concern (Lub Khoos Kas Uas Muaj Kev Txhawj Xeeb Fab Huab Cua Zoo, POAQC), thiab cov cai hais txog kev txheeb xyuas kev ua raws cai qib khoos kas yog ua tau zoo txaus siab lawm yog tias lub khoos kas raug suav nkag rau hauv qhov kev txheeb xyuas kev ua raws cai hauv cheeb tsam raws li tau piav qhia saum toj no.

### **3.1 Kev Txheeb Xyuas Rau Qhov Chaw txog PM2.5/PM10**

Lub khoos kas uas xav ua no tsis xam tias yog Lub Khoos Kas Uas Muaj Kev Txhawj Xeeb Fab Huab Cua Zoo rau PM10 thiab/los sis PM2.5 vim tias nws tsis raug raws li lo lus txhais ntsiab lus ntawm Lub Khoos Kas Uas Muaj Kev Txhawj Xeeb Fab Huab Cua Zoo raws li tau teev tseg hauv Teb Chaws Meskas Lub Chaw Hauj Lwm Tiv Thaiv Cheeb Tsam Puag Ncig Cov Lus Qhia Txog Kev Ua Raws Cai Rau Fab Kev Thauj Mus Los. Lub khoos kas no tsis yog Lub Khoos Kas Uas Muaj Kev Txhawj Xeeb Fab Huab Cua Zoo rau cov laj thawj hauv qab no:

- Cov Tsheb Thauj Khoom Loj Uas Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos (AADT) rau Cov Kev Xaiv Ua yav tom ntej yog thooj raws li qhov kev loj hlob uas cuam tshuam nrog cov pej xeem uas khwv yees tseg rau yav tom ntej, tsis yog kev muaj tsheb khiav coob tuaj ntxiv vim muaj chaw lag luam/kev ua lag luam/chaw tsim tsheb thauj khoom tshiab. Lub khoos kas no yuav tsis ua rau muaj kev cov tsheb noj roj diesel ccob ntxiv tuaj nyob rau ntawm cheeb tsam lub khoos kas.
- Cov tsheb khiav raws txoj kev loj State Route 99 yuav tsis tau txais kev cuam tshuam los ntawm cov kev txhim kho uas lub khoos kas no yuav ua.
- Kev ua cov kev sib tshuam kom ti qab ti ntug nrog cov qauv uas tsim tshwj xeeb kom haum rau cov tsheb thauj khoom loj yuav ua rau cov tsheb tuaj yeem nkag ncaj qha mus rau State Route 99, yog li thiaj li yuav pab txhim kho kev nyab xeeb, kev tau txais txiaj ntsig zoo, thiab kev khiav tsheb mus los tau dhau dhuv rau txhua tus neeg tsav tsheb.

Vim li ntawd, thiaj li tsis tas yuav tsum muaj qhov kev txheeb xyuas rau qhov chaw txog teeb meem cov plua plav qias neeg.

Lub khoos kas no tau dhau Kev Sib Sab Laj Los Ntawm Cov Chaw Ua Hauj Lwm (IAC) hais txog kev txiaj txim txog Lub Khoos Kas Uas Muaj Kev Txhawj Xeeb Fab Huab Cua Zoo lawm. Cov neeg koom nrog Kev Sib Sab Laj Los Ntawm Cov Chaw Ua Hauj Lwm tau sib cog pom zoo tias lub khoos kas no tsis yog Lub Khoos Kas Uas Muaj Kev Txhawj Xeeb Fab Huab Cua Zoo (saib Daim Ntawv Txuas Tw C).

### **3.2 Kev Tso Pa Pphem Ntawm Qhov Chaw Uas Cuam Tshuam Txog Kev Ua Txoj Kev**

Txoj Cai 40 CFR 93.123(c)(5) teev hais tias: "Kev txheeb xyuas rau qhov chaw txog CO, PM10, thiab PM2.5 tsis tas yuav tsum tau ntsuam xav txog cov dej num cuam tshuam txog kev ua txoj kev uas ua rau muaj cov pa pphem nce ntau tuaj ntxiv ib vuag

dhau. Txhua qhov chaw uas tau txais kev cuam tshuam los ntawm cov dej num uas cuam tshuam txog kev ua txoj kev yuav tsum raug muab coj los ntsuam xav sib cais, uas yog siv cov hau kev 'Cov Lus Qhia' uas tau teev tseg. Kev muaj pa phem nce siab ib vuag dhau yog txhais tau tias yog cov pa phem uas tsuas tshwm sim muaj thaum lub sij hawm ua txoj kev thiab tsib xyoos nqis los tom qab nyob rau ntawm ib qho chaw twg."

Vim yog kev ua lub khoos kas no khwv yees tias yuav siv sij hawm tsawg dua tsib lub xyoos, yog li kev tso cov pa phem uas cuam tshuam txog lub khoos kas thiaj li tsis raug ntsuam xav rau kev txheeb xyuas qib khoos kas los sis kev txheeb xyuas kev ua raws cai hauv cheeb tsam.


# **Daim Ntawv Txuas Tw A. Cov Lus Xam Pom thiab Cov Lus Teb Txog Kev Tshuaj Xyuas Los Ntawm Zej Tsoom Hais Txog Kev Ua Raws Cov Cai Hais Txog Huab Cua Zoo**

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Peb tsis tau txais cov lus xam pom los ntawm zej tsoom ntsig txog kev ua raws cai nyob rau lub sij hawm qhib rau zej tsoom los tshuaj xyuas lub khoos kas no daim ntawv NEPA los sis lwm ncuas sij hawm uas ceeb toom rau zej tsoom sib cais uas cuam tshuam txog kev ua raws cai.

Thawj ncuas sij hawm qhib txais lus xam pom yog pib txij Lub Kaum Hli Tim 14 txog Lub Kaum Ib Hlis Tim 27, 2021. Ncuas sij hawm qhib txais cov lus xam pom tau txuas ntxiv mus txog rau Lub Kaum Ob Hlis Tim 3, 2021, uas xam tag nrho yog 51 hnuv.

# Daim Duab A-1.Daim Ntawv Ceeb Toom Rau Zej Tsoom ua Lus Askiv



## PUBLIC NOTICE



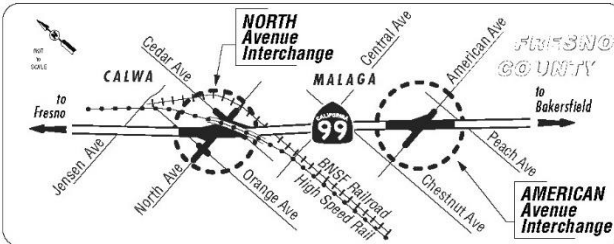
### Notice of Availability of Draft Environmental Impact Report/Environmental Assessment (Study Results Available) and Announcement of a VIRTUAL PUBLIC HEARING

#### South Fresno, State Route 99 Corridor Project in Fresno County

**PUBLIC COMMENT PERIOD**


Comments will be accepted from **October 14, 2021 to November 27, 2021**

If there are no major comments, Caltrans will proceed with the project's design.



**WHEN AND WHERE?**

**Virtual Public Hearing:**  
Date: November 4, 2021  
Time: 6:00 p.m. to 8:00 p.m.  
Access: To attend the Virtual Public Hearing, go to <https://dot.ca.gov/caltrans-near-me/district-6/district-6-projects/06-0h240> or scan the QR code to the right.  
(You can view the full project presentation materials beginning the day of the virtual public hearing.)



**WHAT IS BEING PLANNED?**

The California Department of Transportation (Caltrans) proposes to improve the operations of two existing interchanges at American Avenue and North Avenue on State Route 99 between post miles 12.5 and 19.1 in south Fresno County.

**WHY THIS PUBLIC NOTICE?**

Caltrans has studied the effects this project may have on the environment. Our studies show it will significantly affect the quality of the environment. The report that explains why is called an Environmental Impact Report/Environmental Assessment. This notice is to inform you of the completion of the Draft Environmental Impact Report/Environmental Assessment and of its availability for you to read and comment on. A 45-day public review period will begin on October 14, 2021, and end on November 27, 2021. During this period, a virtual public hearing will be held to give you an opportunity to discuss the project with Caltrans' staff before the final design is selected.

**WHAT'S AVAILABLE?**

Beginning on October 14, 2021, the Draft Environmental Impact Report/Environmental Assessment and other project information will also be available for review at:

- The District 6 website: <https://dot.ca.gov/caltrans-near-me/district-6/district-6-projects/06-0h240> or scan the QR code above
- Easton Branch Library, 25 East Fantz Avenue, Fresno, California 93706
- Caltrans District Office, 1352 West Olive Avenue, Fresno, California 93726
- If you prefer that a printed copy, email copy, or CD of the document be sent to your home, call John Thomas at 559-408-4496 or email him at [john.q.thomas@dot.ca.gov](mailto:john.q.thomas@dot.ca.gov)

**WHERE YOU COME IN?**

Have the potential impacts been addressed? Do you have information that should be included? Your comments will be part of the public record. If you wish to make a comment, you may submit your written comments by U.S. mail to Caltrans Environmental Planning, Attention: John Thomas, Senior Environmental Planner, 2015 East Shields Avenue, Suite 100, Fresno, California 93726, by email to [john.q.thomas@dot.ca.gov](mailto:john.q.thomas@dot.ca.gov).

Key environmental information to consider is:

- A project-level conformity analysis shows that the project will conform to the State Implementation Plan, including localized impact analysis with interagency consultation for particulate matter (PM10 and PM2.5) required by 40 CFR 93.116 and 93.123. This project is not considered a Project of Concern regarding particulate matter (PM10 and PM2.5) as defined in 40 CFR 93.123(b)(1). A detailed PM10 and PM2.5 hot-spot analysis was not completed because the Clean Air Act and 40 CFR 93.116 requirements are met without an explicit hot-spot analysis. The project comes from a conforming Regional Transportation Plan and Transportation Improvement Program. Comments are requested regarding the project-level conformity analysis.
- The proposed work involves a site on a list enumerated under Section 65962.5 of the Government Code pertaining to hazardous wastes.
- While the environmental studies show little to no impacts, the project will significantly affect the quality of the environment with an increase in greenhouse gases, according to Caltrans Executive Order B-30-15 restricting greenhouse gas emissions. This Draft Environmental Impact Report/Environmental Assessment explains why.

**CONTACT**

For more information about this project, please contact John Thomas, Senior Environmental Planner, at 559-408-4496 or by email at [john.q.thomas@dot.ca.gov](mailto:john.q.thomas@dot.ca.gov). For all other state highway matters in the area, please contact the District 6 Public Information Office at [d6.public.info@dot.ca.gov](mailto:d6.public.info@dot.ca.gov) or by phone at 559-488-4067.

**SPECIAL ACCOMMODATIONS**

Under the Americans with Disabilities Act of 1990, individuals who require accommodation (American Sign Language interpreter, accessible seating, documents in alternative formats, etc.) are requested to contact the Caltrans District 6 Public Information Office at [d6.public.info@dot.ca.gov](mailto:d6.public.info@dot.ca.gov) or by phone at 559-488-4067. Telecommunication Devices for the Deaf (TDD) users may contact the California Relay Service line at 1-800-735-2929, Voice Line at 1-800-735-2922, or contact the California Relay Service Teletype Voice Line by dialing 711.

Keu Txheeb Xyuas Kev Ua Raws Cov Cai Hais Txog Huab Cua Zoo rau Lub Khoos Kas South Fresno State Route 99 Corridor

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# Daim Duab A-2.Kev Txuas Sij Hawm Ntxiv rau Daim Ntawv Ceeb Toom Rau Zej Tsoom ua Lus Askiv.



## PUBLIC NOTICE



### Notice of Availability of Draft Environmental Impact Report/Environmental Assessment

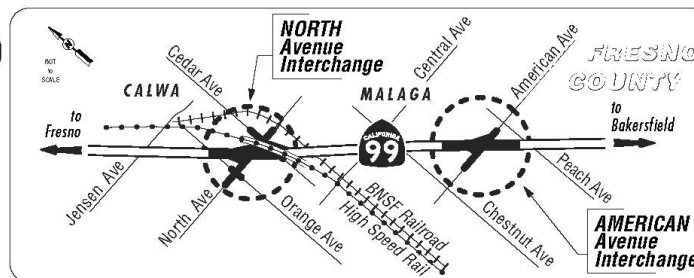
(Study Results Available)

### and Announcement of the EXTENDED PUBLIC COMMENT PERIOD

### South Fresno, State Route 99 Corridor Project in Fresno County

#### PUBLIC COMMENT PERIOD

Comments will be accepted during the extended review period from October 14, 2021, to December 3, 2021. If there are no major comments, Caltrans will proceed with the project's design.



#### WHAT IS BEING PLANNED?

The California Department of Transportation (Caltrans) proposes to improve the operations of two existing interchanges at American Avenue and North Avenue on State Route 99 between post miles 12.5 and 19.1 in south Fresno County.

#### WHY THIS PUBLIC NOTICE?

Caltrans has studied the effects this project may have on the environment. Our studies show it will significantly affect the quality of the environment. The report that explains why is called an Environmental Impact Report/Environmental Assessment. This notice is to inform you of the completion of the Draft Environmental Impact Report/Environmental Assessment and of its availability for you to read and comment on. The public comment period began on October 14, 2021, and will end on December 3, 2021.

#### WHAT'S AVAILABLE?

The Draft Environmental Impact Report/Environmental Assessment and other project information will be available for review during the extended review period at:

- The District 6 website: <https://dot.ca.gov/caltrans-near-me/district-6/district-6-projects/06-0h240>
- Easton Branch Library, 25 East Fantz Avenue, Fresno, California 93706
- Caltrans District Office, 1352 West Olive Avenue, Fresno, California 93728
- If you prefer that a printed copy, email copy, or CD of the document be sent to your home, call John Thomas at 559-408-4496 or email him at [john.q.thomas@dot.ca.gov](mailto:john.q.thomas@dot.ca.gov)

#### WHERE YOU COME IN?

Have the potential impacts been addressed? Do you have information that should be included? Your comments will be part of the public record. If you wish to make a comment, you may submit your written comments by U.S. Mail or email no later than December 3, 2021, to Caltrans Environmental Planning, Attention: John Thomas, Senior Environmental Planner, 2015 East Shields Avenue, Suite 100, Fresno, California 93726, or by email to [john.q.thomas@dot.ca.gov](mailto:john.q.thomas@dot.ca.gov).

Key environmental information to consider is:

- A project-level conformity analysis shows that the project will conform to the State Implementation Plan, including localized impact analysis with interagency consultation for particulate matter (PM10 and PM2.5) required by 40 CFR 93.116 and 93.123. This project is not considered a Project of Concern regarding particulate matter (PM10 and PM2.5) as defined in 40 CFR 93.123(b)(1). A detailed PM10 and PM2.5 hot-spot analysis was not completed because the Clean Air Act and 40 CFR 93.116 requirements are met without an explicit hot-spot analysis. The project comes from a conforming Regional Transportation Plan and Transportation Improvement Program. Comments are requested regarding the project-level conformity analysis.
- The proposed work involves a site on a list enumerated under Section 65962.5 of the Government Code pertaining to hazardous wastes.
- While the environmental studies show little to no impacts, the project will significantly affect the quality of the environment with an increase in greenhouse gases, according to Caltrans Executive Order B-30-15 restricting greenhouse gas emissions. This Draft Environmental Impact Report/Environmental Assessment explains why.


#### CONTACT

For more information about this project, please contact John Thomas, Senior Environmental Planner, at 559-408-4496 or by email at [john.q.thomas@dot.ca.gov](mailto:john.q.thomas@dot.ca.gov). For all other state highway matters in the area, please contact the District 6 Public Information Office at [d6.public.info@dot.ca.gov](mailto:d6.public.info@dot.ca.gov) or by phone at 559-488-4067.


#### SPECIAL ACCOMMODATIONS

Under the Americans with Disabilities Act of 1990, individuals who require accommodation (American Sign Language interpreter, accessible seating, documents in alternative formats, etc.) are requested to contact the Caltrans District 6 Public Information Office at [d6.public.info@dot.ca.gov](mailto:d6.public.info@dot.ca.gov) or by phone at 559-488-4067. Telecommunication Devices for the Deaf (TDD) users may contact the California Relay Service line at 1-800-735-2929, Voice Line at 1-800-735-2922, or contact the California Relay Service Teletype Voice Line by dialing 711.

# Daim Duab A-3.Daim Ntawv Ceeb Toom Rau Zej Tsoom ua Lus Xab Pees Niv.



## AVISO PÚBLICO

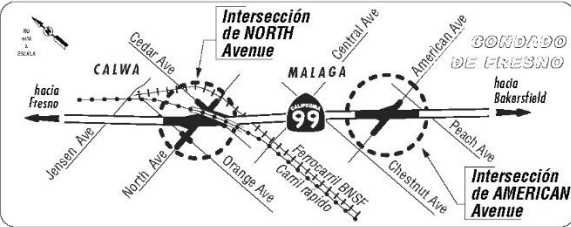


### Aviso de disponibilidad del Borrador del Informe de impacto ambiental/Evaluación ambiental (resultados del estudio disponibles) y anuncio de una AUDIENCIA PÚBLICA VIRTUAL

**Sur de Fresno, proyecto del corredor de la State Route 99 en el condado de Fresno**


**PERÍODO DE COMENTARIOS**

Se aceptarán comentarios desde el 14 de octubre de 2021 hasta el 27 de noviembre de 2021. Si no hay comentarios críticos, Caltrans procederá con el diseño del proyecto.



**¿CUÁNDO Y DÓNDE?**

**Audiencia pública virtual:**  
Fecha: 4 de noviembre de 2021  
Hora: de 6:00 p. m. a 8:00 p. m.  
Acceso: para participar en la Audiencia Pública Virtual, puede ir a la página web <https://dot.ca.gov/caltrans-near-mid-district-6/district-6-projects/06-0h240> o escanear el código QR que aparece a la derecha. (Todos los materiales de presentación del proyecto estarán disponibles a partir del día de la audiencia pública virtual).



**¿QUÉ ES ESTÁ PLANIFICANDO?**

El Departamento de Transporte de California (California Department of Transportation, Caltrans) propone mejorar el funcionamiento de dos intersecciones existentes en American Avenue y North Avenue sobre la State Route 99 entre las millas 12.5 y 19.1 en el sur del condado de Fresno.

**¿POR QUÉ SE HACE ESTE AVISO PÚBLICO?**

Caltrans ha estudiado los efectos que este proyecto puede tener en el ambiente. Nuestros estudios indican que afectará considerablemente la calidad ambiental. El informe que explica el motivo se llama Informe de impacto ambiental/Evaluación ambiental. Este aviso es para informarle que el Borrador del Informe de impacto ambiental/Evaluación ambiental ya está terminado y disponible para que lo lea y haga sus comentarios. Habrá un período de revisión pública de 45 días que comenzará el 14 de octubre de 2021 y finalizará el 27 de noviembre de 2021. Durante este período, se hará una audiencia pública virtual para darle la oportunidad de analizar el proyecto con el personal de Caltrans antes de que se elija el diseño final.

**¿QUÉ ESTÁ DISPONIBLE?**

A partir del 14 de octubre de 2021, el Borrador del Informe de impacto ambiental/Evaluación ambiental, junto con otra información del proyecto, estará disponible para su revisión en:

- Para entrar al sitio web del Distrito 6 puede ir a <https://dot.ca.gov/caltrans-near-mid-district-6/district-6-projects/06-0h240> o escanear el código QR de arriba.
- Easton Branch Library, 25 East Fantz Avenue, Fresno, California 93706.
- Caltrans District Office, 1352 West Olive Avenue, Fresno, California 93726.
- Si prefiere que le envíen una copia por correo electrónico, una copia impresa o un CD del documento a su casa, llame a John Thomas al 559-408-4496 o envíele un correo electrónico a [john.q.thomas@dot.ca.gov](mailto:john.q.thomas@dot.ca.gov)

**¿CUÁL ES SU PAPEL?**

¿Se trataron los posibles efectos? ¿Tiene información que debería incluirse? Sus comentarios serán parte del registro público. Si quiere hacer comentarios, puede enviarlos por escrito por correo postal a Caltrans Environmental Planning, Attention: John Thomas, Senior Environmental Planner, 2015 East Shields Avenue, Suite 100, Fresno, California 93726; por correo electrónico a [john.q.thomas@dot.ca.gov](mailto:john.q.thomas@dot.ca.gov) o a través del sitio web del Distrito 6: <https://bit.ly/3BnAAp> (distingue mayúsculas y minúsculas).

Información ambiental clave que se debe tener en cuenta:

- Un análisis de adecuación del proyecto muestra que el mismo se adecuará al Plan de Implementación Estatal, lo que incluye un análisis de los impactos localizados con consultas entre agencias por material particulado (PM10 y PM2.5), según lo exigen los artículos 93.116 y 93.123 del título 40 del Código de Regulaciones Federales (Code of Federal Regulations, CFR). Este proyecto no se considera un proyecto de riesgo con respecto al material particulado (PM10 y PM2.5), según se define en el artículo 93.123(b)(1) del título 40 del CFR. No se llevó a cabo un análisis detallado de puntos calientes de PM10 y PM2.5, porque se cumplieron los requisitos de la Ley de Aire Limpio (Clean Air Act) y del artículo 93.116 del título 40 del CFR sin un análisis de puntos calientes explícito. El proyecto surge de un Plan de Transporte Regional y un Programa de Mejora del Transporte que se ajustan a la norma. Se solicitan comentarios acerca del análisis de adecuación del proyecto.
- En el trabajo propuesto, está involucrado un sitio de una lista que se enumera en el artículo 65962.5 del Código Gubernamental relativo a desechos peligrosos.
- Aunque los estudios ambientales muestran que el impacto es nulo o mínimo, el proyecto afectará en gran medida la calidad ambiental por un aumento de los gases de efecto invernadero, según la Orden Ejecutiva B-30-15 de Caltrans que restringe las emisiones de esos gases. Este Borrador del Informe de impacto ambiental/Evaluación ambiental explica por qué.

**CONTACTO**

Para obtener más información acerca de este proyecto, comuníquese con John Thomas, planificador ambiental sénior, al 559-408-4496 o por correo electrónico a [john.q.thomas@dot.ca.gov](mailto:john.q.thomas@dot.ca.gov). Para otros asuntos de carreteras estatales en la zona, comuníquese con la Oficina de Información Pública del Distrito 6 escribiendo a [dp6publicinfo@dot.ca.gov](mailto:dp6publicinfo@dot.ca.gov) o llamando al 559-498-4067.

**ADAPTACIONES ESPECIALES**

Según la Ley de Estadounidenses con Discapacidades de 1990, las personas que necesiten adaptaciones (intérprete de lenguaje de señas americano, asientos accesibles, documentos en formatos alternativos, etc.) deben comunicarse con la Oficina de Información Pública del Distrito 6 de Caltrans a [dp6publicinfo@dot.ca.gov](mailto:dp6publicinfo@dot.ca.gov) o por teléfono al 559-498-4067. Los usuarios de Dispositivos de Telecomunicación para Sordos (TDD) pueden comunicarse con la línea del Servicio de Retransmisión de California al 1-800-735-2929, con la línea de voz al 1-800-735-2922 o con la línea de teletipo por voz marcando 711.

KeV Txheeb Xyuas Kev Ua Raws Cov Cai Hais Txog Huab Cua Zoo rau Lub Khoos Kas South Fresno State Route 99 Corridor

20



# Daim Duab A-4 Hmoob Ceeb Toom



## Daim Ntawv Ceeb Toom txog Kev Npaj Txhij Daim Ntawv Tshaj Qhia Txog Kev Cuam Tshuam Rau Cheeb Tsam Puag Ncig/Kev Ntsuam Xyuas Cheeb Tsam Puag Ncig

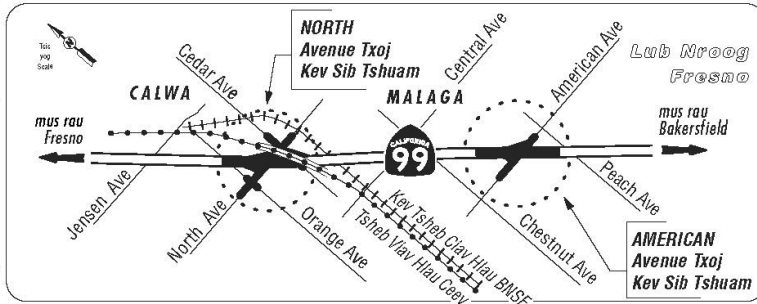
(Muaj Cov Txiaj Ntsig Tau Los Ntawm Kev Tshawb Fawb Lawm)

### Sab Qab Teb Fresno, Lub Khoos Kas State Route 99 Corridor hauv Fresno Khauj Tim

#### NCUA SIJ HAWM QHIB TXAIS LUS XAM POM LOS NTAWM ZEJ TSOOM

Peb yuav txais cov lus xam pom nyob rau lub sij hawm tshuaj xyuas txuas ntxiv txij Lub Kaum Hli Tim 14, txog Lub Kaum Ob Hlis Tim 3, 2021.

Yog tias tsis muaj cov lus xam pom tseem ceeb lawm, ces Caltrans yuav pib ua raws tus qauv ntawm lub khoos kas.



#### YAM TAB TOM NPAJ PHIAJ XWM YOG DAB TSI?

California Feem Hauj Lwm Saib Xyuas Kev Thauj Mus Los (Caltrans) xav thov txhim kho kev siv kev khiav tsheb ntawm ob qhov kev sib tshuam uas twb yeej muaj lawm nyob rau ntawm American Avenue thiab North Avenue ntawm State Route 99 nyob rau ncuas mais kev 12.5 mus txog 19.1 hauv sab qab teb Fresno Khauj Tim.

#### VIM LI CAS HO TAWM TSAB NTAWV CEEB TOOM RAU ZEJ TSOOM NO?

Caltrans tau tshawb fawb txog kev cuam tshuam uas tej zaum lub khoos kas no yuav muaj rau cheeb tsam puag ncig. Peb cov kev tshawb fawb qhia pom tias nws yuav muaj kev cuam tshuam loj rau qhov zoo ntawm cheeb tsam puag ncig. Daim ntawv tshaj qhia uas plov qhia tias yog vim li cas thiab muab hu ua Daim Ntawv Tshaj Qhia Txog Kev Cuam Tshuam Rau Cheeb Tsam Puag Ncig/Kev Ntsuam Xyuas Cheeb Tsam Puag Ncig Daim Ntawv Ceeb Toom no yog txhawm rau qhia rau koj paub txog qhov ua tiav Daim Qauv rau Daim Ntawv Tshaj Qhia Txog Kev Cuam Tshuam Rau Cheeb Tsam Puag Ncig/Kev Ntsuam Xyuas Cheeb Tsam Puag Ncig thiab txog tias yeej npaj txhij rau koj los nyeem thiab muab lub xam pom lawm. Ncuas sij hawm muab lus xam pom los ntawm zej tsoom yog pib nyob rau Lub Kaum Hli Tim 14, 2021, thiab yuav xaas rau Lub Kaum Ob Hlis Tim 3, 2021.

#### MUAJ DAB TSI XWB?

Daim Qauv rau Daim Ntawv Tshaj Qhia Txog Kev Cuam Tshuam Rau Cheeb Tsam Puag Ncig/Kev Ntsuam Xyuas Cheeb Tsam Puag Ncig thiab lwm cov ntaub ntawv hais txog lub khoos kas yuav muaj rau tau mus tshuaj xyuas thaum ncuas sij hawm tshuaj xyuas txuas ntxiv nyob rau ntawm:

- Lub District 6 tus vev xaib: <https://dot.ca.gov/caltrans-near-me/district-6/district-6-projects/06-0h240>
- Easton Branch Library, 25 East Fantz Avenue, Fresno, California 93706
- Caltrans District Office, 1352 West Olive Avenue, Fresno, California 93728
- Yog tias koj xav kom muab daim ntawv theej luam lawm, xa email, los sis zwm ua CD xa tuaj rau tom koj tsev, ces hu rau John Thomas ntawm 559-408-4496 los sis xa email rau nws ntawm john.q.thomas@dot.ca.gov



#### KOJ YUAV TUAJ RAU QHOV TWG?

Tej kev cuam tshuam puas tau txais kev hais dawg? Koj puas muaj cov ntaub ntawv qhia paub uas tsim nyob muab suav nkag? Koj cov lus xam pom yuav yog ib feem ntawm cov ntaub ntawv zwm los ntawm zej tsoom. Yog tias koj xav muab lus xam pom, ces koj tuaj yeem xa koj cov lus xam pom uas yog muab sau ua ntaub ntawv xa mus raws U.S. Mail los sis xa email mus tsis pub dhau Lub Kaum Ob Hlis Tim 3, 2021, rau Caltrans Environmental Planning, Attention: John Thomas, Senior Environmental Planner, 2015 East Shields Avenue, Suite 100, Fresno, California 93726, los sis xa email rau john.q.thomas@dot.ca.gov. Cov ntaub ntawv tseem ceeb fab cheeb tsam puag ncig uas yuav tau ntsuam xav ces yog:

- Qhov kev txheeb xyuas kev ua raws cai qib khoos kas uas qhia tias lub khoos kas yuav ua raws li Lub Lav Txoj Phiaj Xwm Hias Txog Kev Nqis Tes Ua, suav nrog rau kev txheeb xyuas kev cuam tshuam hauv cheeb tsam nrog kev sab laj ntawm cov chaw ua hauj lwm txog rau cov plus play qias neeg (PM10 thiab PM2.5) uas teev tseg los ntawm 40 CFR 93.116 and 93.123. Lub khoos kas no tsis raug ntsuam xam tias yog ib Lub Khoos Kas Uas Muaj Kev Txhawj Xeeb txog cov plus play qias neeg (PM10 thiab PM2.5) raws li tau teev tseg hauv 40 CFR 93.123(b) (1). Qhov kev txheeb xyuas rau qhov chaw txog PM10 thiab PM2.5 kom ntxaws yog ua tsis tiav vim tias twb yeej ua tau raws li cov cai hauv Tsab Cai Hais Txog Cua Huv thiab 40 CFR 93.116 lawm yam tsis tas muaj kev txheeb xyuas qauv qhov chaw kom meej tseeb li Lub Khoos Kas no yog los ntawm kev ua raws li Txoj Phiaj Xwm Kev Thauj Mus Los Hauv Cheeb Tsam thiab Lub Khoos Kas Txhim Kho Kev Thauj Mus Los. Peb yeej tau thov cov lus xam pom hais txog qhov kev txheeb xyuas kev ua raws cai qib khoos kas lawm.
- Cov hauj lwm uas xav ua no yog nyob rau qhov chaw ntawm daim ntawv teev npe uas teev raws li Section 65962.5 ntawm Tsoom Hwv Tsab Cai hais txog cov khib nyiab phom sij.
- Txawm tias cov kev tshawb fawb txog cheeb tsam puag ncig yuav pom tias muaj kev cuam tshuam me ntsis mus txog rau tsis muaj hio li, lub khoos kas no yuav cuam tshuam loj rau qhov zoo ntawm cheeb tsam puag ncig uas yog ua rau muaj cov pa greenhouse gases nce ntau ntxiv, raws li Caltrans Tus Thawj Tswj Hwm Lo Lus Txib B-30-15 uas txwv tsis pub Iso cov pa greenhouse gas. Daim Qauv rau Daim Ntawv Tshaj Qhia Txog Kev Cuam Tshuam Rau Cheeb Tsam Puag Ncig/Kev Ntsuam Xyuas Cheeb Tsam Puag Ncig no yuav plov qhia tias yog vim li cas.

#### TIV TAUJ

Hais txog rau cov ntaub ntawv qhia paub ntau ntxiv txog lub khoos kas no, thov hu rau John Thomas, Tus Kws Npaj Phiaj Xwm Rau Cheeb Tsam Ib Puag Ncig Qib Siab, ntawm 559-408-4496 los sis xa email rau john.q.thomas@dot.ca.gov. Hais txog rau tag nro lwm cov teeb meem kev tsheb loj hauv lub lav hauv cheeb tsam, thov tiv tauj rau District 6 Lub Chaw Hauj Lwm Muab Ntaub Ntawv Qhia Rau Zej Tsoom ntawm [public.info@dot.ca.gov](mailto:public.info@dot.ca.gov) los sis los ntawm kev hu xov tooj rau 559-488-4067.

#### COV KEV PAB UA KEV YOOJ YIM TSHUJ XEEB

Raws li Tsab Cai Hais Txog Cov Neeg Meskas Xiam Qob Qhab xyoo 1990, cov tib neeg uas xav tau kev pab ua kev yooj yim (tus kws txhais Lus Plov Tes Meskas, cov roj zaum kom nkag mus siv tau, cov ntaub ntawv hauv lwm hom qauv, thiab lwm yam) uas xav thov ces yog yuav tsum tau tiv tauj rau Caltrans District 6 Lub Chaw Hauj Lwm Muab Ntaub Ntawv Qhia Rau Zej Tsoom ntawm [public.info@dot.ca.gov](mailto:public.info@dot.ca.gov) los sis los ntawm kev hu xov tooj rau 559-488-4067. Cov neeg siv Cov Cuab Yeej Sib Txuas Lus rau Neeg Lag Ntseg (TDD) tuaj yeem tiv tauj California Relay Service tus xov tooj ntawm 1-800-735-2929, Tus Xov Tooj Kaw Suab ntawm 1-800-735-2922, los sis tiv tauj California Relay Service Tus Xov Tooj Muab Lub Suab Lus Ntaus Ua Ntawv Nyeem los ntawm kev hu rau 711.

# **Daim Ntawv Txuas Tw B. Cov Ntaub Ntawv Hais Txog Kev Ua Raws Cai Hauv Cheeb Tsam**

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## **Qhov Kev Txheeb Xyuas Kev Tso Pa Pphem Hauv Cheeb Tsam Uas Tau Ua rau Kev Ua Raws Li Txoj Phiaj Xwm Kev Thauj Mus Los Hauv Cheeb Tsam**

Kev txheeb xyuas kev tso cov pa phem hauv cheeb tsam pom tau tias cov pa phem hauv cheeb tsam yuav tsis tshaj Lub Lav Txoj Phiaj Xwm Kev Nqis Tes Ua pob peev nyiaj txog kev tso cov pa phem rau cov khoom siv txav chaw mus los hauv lub xyoo ua txoj kev, uas yog lub xyoo kawg yam tsawg kawg 20 lub xyoo txij li thaum tau pib qhov kev txheeb xyuas kev ua raws cai, thiab cov xyoo ntau ntxiv uas ua tau raws li cov kev cai hais txog kev ua raws cai rau kev txheeb xyuas ua ntu zus. Kev txheeb xyuas kev tso cov pa phem hauv cheeb tsam yog ua raws li kev khwv yees txog cov pej xeeb thiab kev ua hauj lwm tshiab tshaj plaws rau Nroog Fresno uas tau raug lees txais los ntawm Fresno Council of Governments nyob rau lub sij hawm pib qhov kev txheeb xyuas kev ua raws cai. Cov kev xav khwv yees no yog tsawg dua tsib xyoos. Peb tau tsim tus qauv uas yog siv kev khwv yees txog cov pej xeeb, kev ua hauj lwm, kev khiav tsheb, thiab kev muaj neeg coob nyob rau tam sim no thiab yav tom ntej. Cov ntaub ntawv zwm txog kev khiav tsheb, suav nrog cov ntaub ntawv sib txuam txog cov tsheb, yog saib raws li cov ntaub ntawv kev teev npe tsheb tshiab tshaj plaws tsis ntev los no uas muaj uas muab suav nkag rau hauv tus qauv EMFAC. Peb tau siv EMFAC 2017, uas yog tsab tshiab tshaj plaws ntawm tus qauv uas tsim los ntawm California Air Resources Board (California Pawg Thawj Coj Saib Xyuas Cov Peev Txheej Huab Cua) thiab tau txais kev pom zoo muab los siv rau hauv California los ntawm Teb Chaws Meskas Lub Chaw Hauj Lwm Tiv Thaiv Cheeb Tsam Puag Ncig nyob rau lub sij hawm ua qhov kev txheeb xyuas.

Tam sim no lub San Joaquin Valley tsis tuaj yeem ua tau raws li kev ua raws cai hauv cheeb tsam uas yog siv EMFAC 2017, uas yuav tsum tau muab siv rau tag nrho txhua qhov kev txheeb xyuas kev tso pa phem hauv cheeb tsam tshiab uas tau pib nyob rau los sis tom qab Lub Yim Hli Tim 16, 2021. Lub khoos kas no yog tau muab suav nkag rau hauv Fresno Council of Governments (FCOG) rau kev ua raws li Fresno Council of Governments Txoj Phiaj Xwm Kev Thauj Mus Los Hauv Cheeb Tsam (RTP) Xyoo 2018. Lub tswv yim thiab tus ciaj ciam rau kev tawm tus qauv rau lub khoos kas tsis muaj kev hloov pauv ntau los ntawm qhov uas tau txheeb xyuas hauv kev txheeb xyuas kev tso pa phem hauv cheeb tsam uas yog saib raws li EMFAC 2014.

Txawm li cas los xij, vim yog tus qauv EMFAC 2014 tsis tuaj yeem siv tau mus ntxiv lawm, tus qauv EMFAC 2017 thiaj raug xaiv rau kev txheeb xyuas kev tso pa phem los ua ib qho qauv qhia kom pom tias seb lub khoos kas yuav tsis ua rau cov kev ua txhaum cai uas twb yeej muaj lawm hnyav tshaj qub tuaj los sis muaj kev qeeb lig rau kev ua kom tiav ncau lub sij hawm.

## **Tus Txheej Txheem Kev Sab Laj Nrog Zej Tsoom thiab Nrog Cov Chaw Ua Hauj Lwm rau Lub Khoos Kas Txhim Kho Kev Thauj Mus Los**

Tsoom Hwv Teb Chaws Lub Khoos Kas Txhim Kho Kev Thauj Mus Los yog tsim los raws li Fresno Council of Governments cov cai rau kev thov kev tawm tswv yim los ntwam zej zog thiab cov txheej txheem kev sab laj nrog cov chaw ua hauj lwm. Cov txheej txheem no yuav ua kom ntseeg tau tias niam txiv zej tsoom muaj lub hwv tsam txaus los txais kev ceeb toom txog tus txheej txheem ntwam Tsoom Hwv Teb Chaws Lub Khoos Kas Txhim Kho Kev Thauj Mus Los thiab txhawb kom zej tsoom los koom nrog thiab muab lus xam pom.

**Fresno Council of Governments  
2021 Federal Transportation Improvement Program  
Fresno County Region**

Lead Agency: Caltrans

<b>FRE111355</b>		<b>AMENDMENT: 20-03</b>						
Project Title: South Fresno SR99 Corridor Project		CTIPS_ID: 2030000756, EA_NUMBER: 0H240						
Project Description: On Route 99 in Fresno County and near Fresno, from 0.1 mile north of Clovis Avenue Undercrossing to 0.1 mile south of Church Avenue Undercrossing. [PPNO6288 (CTIPS 103-0000-0391) combines 2 interchange projects including FRE111355 (CTIPS 203-0000-0756) and FRE111352 (CTIPS 203-0000-0752)] (Measure C Project M in the Urban Regional Program)								
Sys: State Hwy Rt: 99 TCM: No Model #: 917 & Cl: Y Exempt Category: Non-Exempt								
		Cost Difference: \$49,950,000		Est Total Cost: \$137,113,000		Open to Traffic: 2026		
	<b>Phase</b>	<b>PRIOR</b>	<b>20/21</b>	<b>21/22</b>	<b>22/23</b>	<b>23/24</b>	<b>24/25 BEYOND</b>	<b>TOTAL</b>
Measure C - Regional	PE	\$3,935,000	\$10,178,000					\$14,113,000
	RW		\$1,000,000	\$10,000,000	\$4,100,000			\$15,100,000
	CON					\$62,554,000		\$62,554,000
	TOTAL	\$3,935,000	\$11,178,000	\$10,000,000	\$4,100,000	\$62,554,000		\$91,767,000
RIP - STIP AC	PE	\$3,000,000						\$3,000,000
	RW							
	CON					\$42,346,000		\$42,346,000
	TOTAL	\$3,000,000				\$42,346,000		\$45,346,000
	TOTAL PE	\$6,935,000	\$10,178,000	\$0	\$0	\$0	\$0	\$17,113,000
	TOTAL RW	\$0	\$1,000,000	\$10,000,000	\$4,100,000	\$0	\$0	\$15,100,000
	TOTAL CON	\$0	\$0	\$0	\$0	\$104,900,000	\$0	\$104,900,000
	TOTAL TOTAL	\$6,935,000	\$11,178,000	\$10,000,000	\$4,100,000	\$104,900,000		\$137,113,000

FRESNO COUNCIL OF GOVERNMENTS  
 FORMAL AMENDMENT NO. 5 TO THE 2018 RTP  
 CONSTRAINED PROJECT LIST - CHANGE REPORT AS OF 6/21/2021 (In \$1,000)

LEAD AGENCY	PROJECT ID	PROJECT TITLE	PROJECT DESCRIPTION	PCT CHANGE	COST DIFFERENCE	COST BEFORE	COST REVISED	NARRATIVE	NOTES
Clovis	LSTMP727	FRE190006 - Shepherd Ave Signal Interconnect from Peach to DeWolf	Shepherd Ave from Peach Ave to DeWolf Ave; Signal interconnect including installation of fiber optics and associated equipment	100%	\$1,421	\$0	\$1,421	New CMAQ TCM Project  <b>Total RTP project cost \$1,421</b>	New CMAQ TCM Project
Caltrans	FRE150055/ FRE501717	Excelsior Expressway - HWY 41: Kings County Line to Elkhorn Ave	Near the city of Fresno, HWY 41 from the Kings County line to Elkhorn Avenue. Widen from 2-lane to 4-lane expressway.	0%	\$100	\$68,000	\$68,100	Change Reason: Changed Project Completion Date, Increase Funding  Changed Project Completion Date: - from "2028" to "2027"  <b>Total RTP project cost increased from \$68,000 to \$68,100</b>	Revise Open Traffic Year to 2027.
Caltrans	FRE111351	I5-SR 198 Interchange	Interchange Improvements (Measure C Project L in the Rural Regional Program)	0%	\$0	\$18,236	\$18,236	Change Reason: Revise Project Completion Date: - from "2031" to "2033"  <b>Total RTP project cost remains the same at \$18,236</b>	Revise Open to Traffic Year 2031 to 2033
Caltrans	FRE111352	SR 99 @ American Avenue Interchange	American Ave @ SR 99-Interchange Improvements (Measure C Project RK in the Rural Regional Program)	-100%	-\$59,821	\$59,821	\$0	Delete project  <b>Total RTP project cost decreased from \$59,821 to \$0</b>	Project being combined with FRE111355
Caltrans	FRE111355	South Fresno SR99 Corridor Project	On Route 99 in Fresno County and near Fresno, from 0.1 mile north of Clovis Avenue Undercrossing to 0.1 mile south of Church Avenue Undercrossing. [PPNO6288 (CTIPS 103-0000-0391) combines 2 interchange projects including FRE111355 (CTIPS 203-0000-0756) and FRE111352 (CTIPS 203-0000-0752)] (Measure C Project RK and M in the Urban Regional Program)	57%	\$44,065	\$93,048	\$137,113	Change Reason: Revise project Title, Revise Project Description/Scope (combined with FRE111352), Revise Project Completion Date, Increase funding  Revise Project Completion Date: - from "2027" to "2026"  <b>Total RTP project cost increased from \$93,048 to \$137,113</b>	Project elements from FRE111352 are being combined with this project. Changed in Open to traffic date, 2027 to 2026.
Caltrans	FRE190013	SR 99 Interchange - Central & Chestnut	SR99 at Central/Chestnut - Improve Interchange (Measure C Project AA in the Rural Regional Program - Tier 2)	131%	\$61,859	\$47,141	\$109,000	Change Reason: Revise Project Completion Date, Increase funding  Changed Project Completion Date: - from "2028" to "2029"  <b>Total RTP project cost increased from \$47,141 to \$109,000</b>	Increase funding, revise open to traffic year
Fresno Area Express (FAX)	FRE501108	Wi-Fi on FAX Buses	Make Wi-Fi available for passengers on all FAX fixed route and paratransit vehicles.	-100%	-\$500	\$500	\$0	Delete project  <b>Total RTP project cost decreased from \$500 to \$0</b>	Project deletion requested by agency
					<b>\$47,124</b>	<b>\$286,746</b>	<b>\$333,870</b>		

Regionally Significant Project Listing

Jurisdiction / Agency	TIP/RTP Project ID	CTIPs Project ID	Facility Name/Route	Description		Estimated Cost	Conformity Analysis Year (project open to traffic)											
				Type of Improvement	Project Limits		2021	2022	2023	2024	2025	2026	2029	2031	2037	2042		
Caltrans	FRE150055 FRE501717	10300000340	41	Widen from 2-Lane to 4-lane expressway [Exceisor]	From: Kings County Line To Elkhorn Ave	\$68,000,000									X	X	X	X
Caltrans	FRE500516		41	Add NB Auxiliary Lanes	O Street to Shields	\$19,500,000											X	X
Caltrans	FRE500570		41	SR 41-Ashlan to Shaw: Add 1 NB Auxiliary Lane	Ashlan to Shaw	\$7,000,000											X	X
Caltrans	FRE500759		41	SR 41: El Paso to Friant: Add 1 SB Auxiliary Lane	El Paso to Friant	\$13,970,000									X	X	X	X
Caltrans	FRE500767		41	SR 41-Tulare to O Street: Widen Auxiliary Lane/Improve Ramps (Project J in the Measure C Urban Regional Program)	Tulare Ave to O Street	\$4,900,000	X	X	X	X	X	X	X	X	X	X	X	X
Fresno	FRE500145		41	Widen Off Ramp at Shaw	Interchange Crossstreets:SR 41 Off Ramp & Shaw	\$246,000	X	X	X	X	X	X	X	X	X	X	X	X
Fresno	FRE500146		41	Auxiliary Lane	From:Gettysburg Overcross To:Shaw Exit Ramp	\$1,271,000										X	X	X
Caltrans	FRE190013		99	Improve Interchange (Measure C Project AA in the Rural Regional Program - Tier 2)	Central/Chestnut	\$47,141,000									X	X	X	X
Caltrans	FRE210001		99	On Highway 99 in the City of Fresno, from south of El Dorado St to Clinton Ave. Rehabilitate roadway, repair or replace culverts, construct pumping plants, and remove or replace bridges.	From: El Dorado To: Clinton	\$367,300,000									X	X	X	X
Huron	FRE500805		269	New Roundabout	From:N/A To:N/A	\$3,000,000		X	X	X	X	X	X	X	X	X	X	X
Huron	FRE500806		269	Lassen Ave & Palmer Ave Intersection Improvements	From:Lassen To: Palmer	\$1,600,000										X	X	X
Huron	FRE500807		269	Lassen Ave & Palmer Ave Intersection Improvements	From:Lassen To: Tornado	\$1,600,000						X	X	X	X	X	X	X
Caltrans	FRE111351	2030000748	<interchange>	Interchange Improvements	Interchange Cross Streets:I5 & SR 198	\$18,236,000										X	X	X
Caltrans	FRE111352	2030000752	<interchange>	American Ave @ SR 99-Interchange Improvements	Interchange Cross Streets:American Ave & SR 99	\$61,950,000									X	X	X	X
Caltrans	FRE111355	2030000756	<interchange>	North/Cedar/SR 99-Improve Interchange (Measure C Project M in the Urban Regional Program - South Fresno Interchange Project on CTIPS)	North Ave to Cedar	\$87,163,000									X	X	X	X
Caltrans	FRE500520		<interchange>	Replace bridge structures and widen Floral	Interchange Cross Streets:SR 99 & SR 43	\$13,000,000											X	X
Caltrans	FRE500521		<interchange>	Improve interchange	Interchange Cross Streets:SR 99 & Shaw	\$86,000,000											X	X

# **Daim Ntawv Txuas Tw C. Kev Sab Laj Ntawm Cov Chaw Hauj Lwm txog Teeb Meem Plua Plav Qias Neeg**

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Lub khoos kas South Fresno State Route 99 Corridor tau raug xa mus rau Kev Sab Laj Ntawm Cov Chaw Hauj Lwm nyob rau Lub Xya Hli Tim 6, 2020. Lub Chaw Hauj Lwm Tiv Thaiv Cheeb Tsam Puag Ncig thiab Tsoom Hwv Teb Chaws Lub Loos Kam Saib Xyuas Kev Tsheb Loj tau sib cog pom zoo nyob rau Lub Yim Hli Tim 18, 2020, tias lub khoos kas no tsis yog Lub Khoos Kas Uas Muaj Kev Txhawj Xeeb Fab Huab Cua Zoo.

Daim ntawv xa mus rau Kev Sab Laj Ntawm Cov Chaw Hauj Lwm thiab cov lus sib cog pom zoo tom qab ntawd los ntawm Lub Chaw Hauj Lwm Tiv Thaiv Cheeb Tsam Puag Ncig thiab Tsoom Hwv Teb Chaws Lub Loos Kam Saib Xyuas Kev Tsheb Loj yog tau txuas nrog ntawm no.

## **Kev Ntsuam Xyuas Kev Ua Raws Cai txog Teeb Meem Plua Plav Qias Neeg (PM10 thiab PM2.5) – Lub khoos kas no tsis yog ib Lub Khoos Kas Uas Muaj Kev Txhawj Xeeb Fab Huab Cua Zoo (POAQC)**

### **1.1 Cov Lus Sua Ntsiab Lus**

Lub khoos kas no yog nyob rau sab ntug ntawm Nroog Fresno hauv Fresno Khaug Tim ntawm State Route 99, nyob rau hauv lub San Joaquin Valley Air Basin. Lub San Joaquin Valley Air Basin yog tsim los ua qhov chaw tu kho kev paug dhau cai rau PM10 thiab kev paug tsis dhau cai rau PM2.5, raws li Cov Qauv Gaus Txog Huab Cua Zoo Thoob Plaws Teb Chaws (NAAQS).

Lub khoos kas uas xav ua no yuav ua kom tiav ob qhov kev sib tshuam ib nrab uas twb yeej muaj lawm. Cheeb tsam ua lub khoos kas yog nyob rau sab qab teb ntawm Nroog Fresno. Txoj kev sib tshuam North/Cedar Avenue yog nyob rau hauv Fresno Khaug Tim, nyob rau hauv cheeb tsam uas muaj cov chaw industry thiab chaw lag luam sib mus txog hnyav. Ntau lub tuam txhab xa khoom loj muaj cov chaw ua hauj lwm nyob rau ntawm no vim cov tsheb thauj khoom tuaj yeem nkag tau yooj yim mus rau State Route 99, uas yog txoj kev tseem ceeb rau cov khoom lag luam thiab cov kev pab cuam thoob plaws yav nruab nrab teb California.

Txoj kev sib tshuam American Avenue yog nyob rau sab qab teb ntawm txoj kev sib tshuam North/Cedar Avenue thiab yuav tseg kev nkag mus rau Nroog Fresno lub chaw kaw me nyuam yaus thiab cov av liaj teb nyob ib puag ncig.

Raws li Teb Chaws Meskas Lub Chaw Hauj Lwm Tiv Thaiv Cheeb Tsam Puag Ncig cov ntaub ntawv Coj Qhia xyoo 2021, tsuas yuav tau ua kev txheeb xyuas rau qhov chaw txog teeb meem plua plav qias neeg rau lub khoos kas uas muaj kev txhawj xeeb txog huab cua zoo hauv cheeb tsam ("Lub khoos kas no tsis yog ib Lub Khoos Kas Uas Muaj Kev Txhawj Xeeb Fab Huab Cua Zoo" los sis POAQC) nkaus xwb hauv cov cheeb tsam uas paug tsis dhau cai thiab cheeb tsam uas tau txais ke tu rau PM10 thiab/los sis PM2.5. Cov khoos kas uas raug zam los ntawm cov cai hais txog kev ua raws cai (uas

teev tseg hauv 40 CFR 93.126 los sis 128) tsis tas yuav ua kev txheeb xyuas rau qhov chaw rau lub hom phiaj kev ua raws cai qib khoos kas. Raws li cov ntaub ntawv uas muab hauv qab no, lub khoos kas uas tsis raug zam no tsis yog ib lub khoos kas ua muaj kev txhawj xeeb txog huab cua zoo (POAQC) hauv cheeb tsam vim nws ua tsis tau raws li Teb Chaws Meskas Lub Chaw Hauj Lwm Tiv Thaiv Cheeb Tsam Puag Ncig cov qauv cai; yog li ntawd, thiaj li tsis tas yuav ua kev txheeb xyuas rau qhov chaw kom ntxaws rau PM10, thiab PM2.5.

Peb yeej tau thov cov lus sib cog pom zoo los ntawm Kev Sab Laj Ntawm Cov Chaw Ua Hauj Lwm rau hauv qhov kev txiav txim hais tias lub khoos kas no tsis yog ib Lub Khoos Kas Uas Muaj Kev Txhawj Xeeb Fab Huab Cua Zoo. Tom qab kev sib cog pom zoo, kuj tau thov cov lus xam pom los ntawm zej tsoom rau qhov kev txiav txim siab no (rau cov khoos kas NEPA uas muaj Kev Ntsuam Xyuas Cheeb Tsam Puag Ncig los sis Cov Lus Tshaj Txog Kev Cuam Tshuam Rau Cheeb Tsam Puag Ncig), thiab txhua cov lus xam pom los ntawm zej tsoom uas yuav tau txais lus teb rov qab nyob rau hauv daim ntawv tshaj qhia txog Kev Txheeb Xyuas Kev Ua Raws Cov Cai Hais Txog Huab Cua Zoo uas tau muab rau Tsoom Hwv Teb Chaws Lub Loos Kam Saib Xyuas Kev Tsheb Loj los txhawb pab kev txiav txim txog kev ua raws cai qib khoos kas rau tsab ntawv NEPA.

## 1.2 Keeb Kwm Yam Ntam Qab

Section 93.116(a) ntawm 40 Code of Federal Regulations (CFR) teev hais tias Tsoom Hwv Teb Chaws Lub Loos Kam Saib Xyuas Kev Tsheb Loj/Tsoom Hwv Teb Chaws Lub Loos Kam Saib Xyuas Kev Thauj Mus Los lub khoos kas yuav tsum tsis txhob ua rau los sis tsim kom muaj kev ua txhaum cov cai PM<sub>2.5</sub> hauv cheeb tsam tshiab los sis ua kom muaj kev ua txhaum cai txog qhov PM10 thiab PM2.5 uas twb yeej muaj lawm tuab tshaj qub los sis hnyav tshaj qub ntxiv rau cov cheeb tsam uas muaj kev paub tsis dhau cai los sis tau txais kev tu kho lawm. Cov kev cai kuj tseem teev ntxiv hais tias tej zaum cov khoos kas yuav ua tau raws li cov cai no yam tsis tas muaj kev txheeb xyuas txog qhov yuav muaj peev xwm tsim kom muaj cov teeb meem plua plav qias neeg rau qhov chaw yog tias cov khoos kas ua tsis tau raws li cov qauv cai uas tau teev tseg hauv Section 93.123 (b) rau Lub khoos kas no tsis yog ib Lub Khoos Kas Uas Muaj Kev Txhawj Xeeb Fab Huab Cua Zoo. Cov khoos kas uas tsis yog Lub Khoos Kas Uas Muaj Kev Txhawj Xeeb Fab Huab Cua Zoo tsis tas yuav muaj kev txheeb xyuas rau qhov chaw kom ntxaws vim hais tias, feem ntau cov khoos kas no yuav tsis muaj kev cuam tshuam tseem ceeb rau kev muaj PM10 los sis PM2.5 daw (raws li siv tau) uas tseem ceeb heev thiab ntxim li yuav tsis ua rau los sis tsim kom muaj kev yuam cai tshiab los sis txuas ntxiv hauv cheeb tsam txog Cov Qauv Gaus Txog Huab Cua Zoo Thoob Plaws Teb Chaws.

Hais txog kev txheeb xyuas cov kev cuam tshuam rau fab huab cua zoo hauv cheeb tsam, tej zaum ib lub khoos kas yuav raug ntsuam xav txog ib qho ntawm peb hom xwm txheej no: (1) raug zam; (2) tsis raug zam tab sis tsis yog Lub Khoos Kas Uas Muaj Kev Txhawj Xeeb Fab Huab Cua Zoo uas yog saib raws li cov kev txwv tshwj xeeb uas tau teev tseg hauv Teb Chaws Meskas Lub Chaw Hauj Lwm Tiv Thaiv Cheeb Tsam Puag Ncig cov kev cai; thiab (3) ib Lub Khoos Kas Uas Muaj Kev Txhawj Xeeb Fab Huab Cua Zoo, uas tseev kom muaj kev txheeb xyuas rau qhov chaw txog qhov ua tau zoo. Lub



khoos kas South Fresno State Route 99 Corridor ua tsis tau raws li lo lus txhais ntsiab lus txog lub khoos kas uas raug zam raws li Sections 93.126 or 93.128.

Teb Chaws Meskas Lub Chaw Hauj Lwm Tiv Thaiv Cheeb Tsam Puag Ncig Txoj Cai Hais Txog Kev Ua Raws Cai Rau Fab Kev Thauj Mus Los muab lub khoos kas uas muaj kev txhawj xeeb txog huab cua zoo hauv cheeb tsam (Lub Khoos Kas Uas Muaj Kev Txhawj Xeeb Fab Huab Cua Zoo), uas yuav tsum tau muaj kev txheeb xyuas rau qhov chaw txog PM10 thiab PM2.5 kom ntxaws, 40 CFR 93.123(b)(1) txhais hais tias yog:

- (i) Cov khoos kas kev tsheb loj tshiab los sis nthuav dav ntxiv uas ua rau muaj cov tsheb noj roj diesel khiav coob tshaj qub tuaj;
- (ii) Cov khoos kas uas cuam tshuam rau cov kev sib tshuam uas nyob ntawm Qib Kev Pab Cuam D, E, los sis F uas yuav ua rau muaj cov tsheb noj roj diesel coob heev tuaj, los sis cov uas yuav hloov mus rau Qib Kev Pab Cuam D, E, los sis F vim tias muaj tsheb khiav coob ntxiv los ntawm kev muaj cov tsheb noj roj diesel ntau tshaj qub tuaj uas cuam tshuam rau lub khoos kas;
- (iii) Cov chaw caij tsheb npav thiab tsheb ciav hlau thiab cov chaw hloov txauv tsheb tshiab uas muaj cov tsheb noj roj diesel coob heev los sib sau ua ke rau ntawm ib qho chaw;
- (iv) Cov chaw caij tsheb npav thiab tsheb ciav hlau thiab cov chaw hloov txauv tsheb uas nthuav dav ntxiv uas muaj cov tsheb noj roj diesel coob heev los sib sau ua ke rau ntawm ib qho chaw; thiab
- (v) Cov khoos kas hauv los sis muaj kev cuam tshuam rau thaj chaw, cheeb tsam, los sis hom chaw uas tau teev tseg rau hauv txoj phiaj xwm kev nqis tes ua uas siv tau los sis txoj phiaj xwm kev nqis tes ua uas xa mus txog PM2.5 thiab PM10, raws li qhov tsim nyog, raws li qhov chaw yuam cai los sis qhov kev yuam cai uas yuav tuaj yeem muaj tau.

### **1.3 Lub Khoos Kas uas Tsis Yig ib Lub Khoos Kas Uas Muaj Kev Txhawj Xeeb Fab Huab Cua Zoo (POAQC)**

Lub khoos kas South Fresno State 99 Corridor tsis poob rau ib qho ntawm tsib hom khoos kas saum toj no uas raug ntsuam xav tias yog Lub Khoos Kas Uas Muaj Kev Txhawj Xeeb Fab Huab Cua Zoo, raws li tau piav qhia hauv qab no.

*i. Lub khoos kas uas xav ua no tsis yog ib lub khoos kas kev tsheb loj tshiab los sis nthuav dav ntxiv thiab tsis raug ntsuam xam tias yuav muaj kev cuam tshuam loj rau kev khiav cov tsheb thauj khoom uas noj roj diesel ntawm State Route 99.*

Lub khoos kas uas xav ua no yog ib lub khoos kas hloov kho txoj kev sib tshuam dua tshiab uas yuav tsis ua rau tuaj yeem muaj tsheb khiav coob ntxiv rau ntawm State Route 99 los sis txoj kev sib tshuam. Hom khoos kas no txhim kho kev siv txoj

kev tsheb loj los ntawm kev txo kom txhob muaj tsheb sib daig coob-coob nyob rau ntawm cov kev sib txauv los sis cov kev sib tshuam uas twb yeej muaj lawm thiab txhim kho kev sib koom siv hauj lwm ua ke.

Raws li Daim Ntawv Tshaj Qhia Txog Kev Siv Txoj Kev Rau Kev Khiav Tsheb (daim ntawv tshaj qhia ntawm South Fresno State Route 99 Corridor) cov tsheb khiav yuav nce coob ntxiv raws State Route 99 thiab cov kev sib tshuam uas ua tshiab. Txawm li cas los xij, cov tsheb khiav mus los no yuav tsis txog los sis tshaj tus qauv cai rau Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos uas yog 125,000 lub rau Lub Khoos Kas Uas Muaj Kev Txhawj Xeeb Fab Huab Cua Zoo. Dua li ntawd lawm, cov tsheb thauj khoom xam tag nrho kuj yuav nyob rau qis dua tus qauv cai rau Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos uas yog 10,000 lub (8% ntawm Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos uas yog 125,000 lub) rau Lub Khoos Kas Uas Muaj Kev Txhawj Xeeb Fab Huab Cua Zoo.

- Qhov ua rau muaj tsheb khiav coob tuaj thaum kawg kiag ces yuav yog vim kev khwv yees tias yuav muaj neeg coob tuaj nyob rau yav tom ntej hauv cheeb tsam Nroog Fresno, tsis yog kev muaj tsheb nkag los khiav coob ntxiv vim yog muaj cov chaw lag luam, kev lag luam, los sis cov chaw nres tsheb thauj khoom loj uas ua tshiab. Cov kev txhim kho yuav tsim kev yooj yim kom txhob muaj tsheb daib coob-coob los ntawm kev muab cov tsheb nkag thiab tawm ntawm txoj kev loj faib kom tau txais txiaj ntsig zoo. Cov tsheb khiav mus los uas twb yeej muaj lawm thiab yav tom ntej nyob rau ntawm cov kev uas twb yeej muaj lawm yog muab nthuav qhia nyob rau hauv Daim Phiaj Ziam A thiab B hauv ntu no.
- ii. Lub khoos kas uas xav ua yuav tsis cuam tshuam rau cov kev sib tshuam uas nyob rau qib kev pab cuam (LOS) D, E, los sis F uas muaj cov tsheb noj roj diesel coob.
- Peb khwv yees tias yuav muaj cov tsheb thauj khoom loj coob tuaj ntxiv nyob rau ntawm cov kev sib tshuam, vim tias cov kev txhim kho yuav raug tawm qauv tshwj xeeb kom haum rau cov tsheb no. Txawm li cas los xij, cov tsheb thauj khoom loj no twb yeej muaj nyob hauv cheeb tsam lawm, vim yog ib feem los ntawm cov chaw tsim khoom lag luam thiab cov chaw ua lag luam uas twb yeej muaj lawm. Cov tsheb thauj khoom loj uas khiav mus los tshiab yuav tsis raug txhawb kom los siv cov kev sib tshuam no tshwj kiag tias yog lawv yog ib feem ntawm lub chaw tshiab lawm xwb.
- Kev ua tiav txoj kev sib tshuam kom ti qab ti ntug nyob rau ntawm American Avenue txoj kev sib tshuam yog khwv yees tias yuav pab ua kom qee cov tsheb thauj khoom loj khiav mus los ntawm North/Cedar Avenue txoj kev sib txauv kev tsawg dua qub tuaj, vim tias tam sim no txoj kev no tsuas yog tib txoj kev nkag mus rau cov chaw nyob ze ntawm thaj chaw American Avenue nkaus xwb.
- Kev ua tiav txoj kev sib txauv kev txhij txhua ntawm North/Cedar Avenue txoj kev sib tshuam yuav pab kom cov tsheb khiav mus rau sab qab teb tuaj yeem nkag tau ncaj qha mus rau hauv txoj kev loj, los hloov cov kev khiav tsheb tsa tam sim no uas

tseev kom cov tsheb thauj khoom loj yuav tsum tau tsav tawm los ntawm lub chaw tsim khoom lag luam/chaw ua lag luam qhov chaw nres tsheb mus raws txoj kev hauv zos, tom qab ntawd yuav tsum tau los nres tos ntawm txoj kev sib tshuam mus kom txog thaum lawv tuaj yeem hla mus rau txoj kev nkag.

- Raws li tau teev tseg hauv Daim Phiaj B thiab C, lub khoos kas yuav tsis ua rau muaj qhov phem tuaj los sis txhim kho Qib Kev Pab Cuam ntawm cov kev sib tshuam feem ntau hauv lub khoos kas.
  - Lub khoos kas no txo qis Qib Kev Pab Cuam nyob rau ntawm tag nrho ob txoj kev tshuam hauv North/Cedar Avenue thiab American Avenue tib si. Txawm li cas los xij, yuav ua kom muaj cov kab khiav tsheb ntawm txoj kev nkag ntau ntxiv kom txaus rau kev khiav tsheb nkag thiab tawm ntawm txoj kev loj. Dua li ntawd lawm, kuj yuav muab tus qauv uas tsim rau cov tsheb thauj khoom loj uas noj roj diesel coj los suav nkag tib si thiab, txhawm rau txhim kho kom muaj kev nyab xeeb thiab kev khiav tsheb tau zoo ntau ntxiv nyob rau ntawm cov kev sib txauv kev uas yuav ua.
  - Nyob rau ntawm qhov chaw American Avenue, cov kev khiav cov tsheb thauj khoom loj yuav nce coob ntxiv nyob rau xyoo 2026 thiab 2046. Txawm li cas los xij, kev muaj tsheb coob ntxiv no yog vim kev ua tiav txoj kev sib tshuam kom ti qab ti ntug nyob rau ntawm American Avenue. Nyob rau cov kev khiav tsheb tam sim no, tsis muaj txoj kev tawm mus rau American Avenue los ntawm cov tsheb khiav mus sab qaum teb ntawm txoj kev State Route 99. Tag nrho cov tsheb khiav mus los yuav tsum tau tawm ntawm North/Cedar Avenue txoj kev sib tshuam, thiab lem khiav rov qab deb ob npaug mus rau sab qab teb mus rau qhov chaw American Avenue.

*iii. Lub khoos kas uas xav ua no tsis suav nrog kev ua lub chaw caij tsheb npav los sis chaw caij tsheb ciav hlau tshiab.*

- Tsis siv rau lub khoos kas no.

*iv. Lub khoos kas uas xav ua yuav tsis nthuav dav lub chaw caij tsheb npav los sis tsheb ciav hlau uas twb yeej muaj lawm.*

- Tsis siv rau lub khoos kas no.

*v. Lub khoos kas uas xav ua no tsis nyob rau hauv los sis muaj kev cuam tshuam rau thaj chaw, cheeb tsam, los sis hom chaw uas tau teev tseg rau hauv txoj phiaj xwm kev nqis tes ua uas siv tau los sis txoj phiaj xwm kev nqis tes ua uas xa mus txog PM10 thiab PM2.5, raws li qhov tsim nyog, raws li qhov chaw yuam cai los sis qhov kev yuam cai uas yuav tuaj yeem muaj tau.*

- Tsis siv rau lub khoos kas no.

Yog li ntawd, lub khoos kas uas xav ua no ua tau raws li Tsab Cai Hais Txog Cua Huv thiab 40 CFR 93.116 yam tsis muaj kev txheeb xyuas rau qhov chaw uas meej tseeb. Lub khoos kas uas xav ua no yuav tsis ua rau muaj kev yuam cai tshiab, los sis

ua rau cov kev yuam uas twb yeej muaj lawm txog PM10 thiab PM2.5 kom phem tshaj qub tuaj.

## 1.4 Cov Ntaub Ntawv Txhawb Pab

### 1.4.1 Daim Phiaj Ziam A txog D

#### Daim Phiaj Ziam 1.4.1-A: Cov Ntaub Ntawv Zwm Txog Kev Khiav Tsheb – Cov Kev Uas Twb Yeej Muaj Lawm Hauv Xyoo 2019.

Txoj Kev/Txoj Kev Sib Tshuam	Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos (AADT)	Cov Tsheb Thauj Khoom Loj Khiav Txhua Hnub Xam Tag Nrho (ADT)
State Route 99 Txoj Kev Loj	122,650	19,624
North/Cedar Avenues	21,300	7,193
American Avenue	4,900	441

Muab Los Ntawm: Daim Ntawv Tshaj Qhia Txog Huab Cua Zoo Raws Txoj Kev ntawm Txoj Kev South Fresno State Route 99 Corridor.

#### Daim Phiaj Ziam 1.4.1-B: Cov Ntaub Ntawv Zwm Txog Kev Khiav Tsheb – Tsis Tau Ua.

Txoj Kev/Txoj Kev Sib Tshuam	2026 Tsis Tau Ua Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos (AADT)	2026 Tsis Tau Ua Cov Tsheb Thauj Khoom Loj Khiav Txhua Hnub Xam Tag Nrho (ADT)	2046 Tsis Tau Ua Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos (AADT)	2046 Tsis Tau Ua Cov Tsheb Thauj Khoom Loj Khiav Txhua Hnub Xam Tag Nrho (ADT)
Mainline State Route 99	199,050	31,848	297,300	47,568
North/Cedar Avenues	30,000	9,996	39,400	13,250
American Avenue	5,700	513	7,800	702

Muab Los Ntawm: Daim Ntawv Tshaj Qhia Txog Huab Cua Zoo Raws Txoj Kev ntawm Txoj Kev South Fresno State Route 99 Corridor.

**Daim Phiaj Ziam 1.4.1-C: Cov Ntaub Ntawv Zwm Txog Kev Khiav Tsheb – North/Cedar Avenues Qhov Kev Xaiv 2 thiab 4.**

<b>Xyoo Ua Qauv</b>	<b>Tsis Tau Ua Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos (AADT)</b>	<b>Qhov Kev Xaiv 2 Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos (AADT)/ Cov Tsheb Thauj Khoom Loj Khiav Txhua Hnub Xam Tag Nrho (ADT)</b>	<b>Qhov Kev Xaiv 4 Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos (AADT)/ Cov Tsheb Thauj Khoom Loj Khiav Txhua Hnub Xam Tag Nrho (ADT)</b>
2026	30,000 / 9,996	29,000 / 9,372	29,000 / 9,516
2046	39,400 / 13,250	37,600 / 12,311	37,500 / 12,372

Muab Los Ntawm: Daim Ntawv Tshaj Qhia Txog Huab Cua Zoo Raws Txoj Kev ntawm Txoj Kev South Fresno State Route 99 Corridor.

**Daim Phiaj Ziam 1.4.1-D: Cov Ntaub Ntawv Zwm Txog Kev Khiav Tsheb – American Avenue Qhov Kev Xaiv 1 thiab 2.**

<b>Xyoo Ua Qauv</b>	<b>Tsis Tau Ua Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos (AADT)</b>	<b>Qhov Kev Xaiv 1 Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos (AADT)/ Cov Tsheb Thauj Khoom Loj Khiav Txhua Hnub Xam Tag Nrho (ADT)</b>	<b>Qhov Kev Xaiv 2 Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos (AADT)/ Cov Tsheb Thauj Khoom Loj Khiav Txhua Hnub Xam Tag Nrho (ADT)</b>
2026	5,700 / 513	8,100 / 993	8,110 / 986
2046	7,800 / 702	10,800 / 1,302	10,800 / 1,283

Muab Los Ntawm: Daim Ntawv Tshaj Qhia Txog Huab Cua Zoo Raws Txoj Kev ntawm Txoj Kev South Fresno State Route 99 Corridor.

**1.4.2 Kev Sib Tham txog Cov Ntaub Ntawv Zwm Txog Kev Khiav Tsheb**

Lub hom phiaj ntawm lub khoos kas tag nrho yog txhawm rau txhim kho cov tsheb khiav hauv cheeb tsam thiab ua kom cov tsheb khiav tau zoo mus rau txoj kev loj. Yuav tsis muaj kev khiav cov tsheb thauj khoom loj tshiab ntxiv, vim tias lub khoos kas uas xav ua no yuav yog ua los siv rau cov kev lag luam thiab cov khw txhem muag khoom uas twb yeej muaj lawm xwb. Kev loj hlob ntawm Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos los ntawm Kev Qhib rau Khiav Tsheb thiab xyoo Tawm Tus Qauv/Xyoo Kawg ces vim yog kev khwv yees li ib txwm tias yuav muaj neeg coob ntxiv tuaj.

Tag nrho ob qhov kev sib tshuam hauv North thiab American Avenue tib si yog tau muab ua txoj kev sib tshuam ib nrab nyob rau thaum xub thawj. Vim yog lub khoos kas uas xav ua yuav muab cov kev sib tshuam ib nrab hloov pauv mus ua txoj kev sib tshuam kom ti qab ti ntug, lub khoos kas no tsis raug xam tias yog kev hloov kho tshiab. Kev ua cov kev sib tshuam kom ti qab ti ntug yuav ua kom cov neeg tsav tsheb tuaj yeem nkag tau ncaj qha mus rau State Route 99 los hloov kev siv cov kev hauv zos, uas tsis sib txuas mus rau qhov chaw uas lawv xav mus.

*Kev Muab North/Cedar Avenue Los Sib Piv Thaum Tsis Tau Ua rau Thaum Ua Tiav Lawm.*

2026 Tsis Tau Ua Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos yog 30,000 lub tsheb. Hais txog rau tag nrho Qhov Kev Xaiv 2 thiab 4 tib si, Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos yuav poob mus rau 29,000 lub los ntawm qhov xwm txheej thaum Tsis Tau Ua.

2026 Qhov Kev Xaiv 2 Tsis Tau Ua cov tsheb thauj khoom loj khiav mus los yog 9,996 lub. Hais txog rau xyoo 2026 Qhov Kev Xaiv Ua 2, cov tsheb thauj khoom loj khiav mus los tsawg los lawm 624 lub. Hais txog rau xyoo 2026 Qhov Kev Xaiv 4, cov tsheb thauj khoom loj khiav mus los tsawg los lawm 480 lub.

2046 Tsis Tau Ua Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos yog 39,400 lub. Hais txog rau Qhov Kev Xaiv 2, Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos tsawg los lawm 1,800 lub. Hais txog rau Qhov Kev Xaiv 4, Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos tsawg los lawm 1,700 lub.

2046 Qhov Kev Xaiv 2 Tsis Tau Ua cov tsheb thauj khoom loj khiav mus los yog 13,250 lub. Hais txog rau xyoo 2046 Qhov Kev Xaiv Ua 2, cov tsheb thauj khoom loj khiav mus los tsawg los lawm 939 lub. Hais txog rau Qhov Kev Xaiv 4, cov tsheb thauj khoom loj khiav mus los tsawg los lawm 878 lub.

*Kev Muab American Avenue Los Sib Piv Thaum Tsis Tau Ua rau Thaum Ua Tiav Lawm.*

2026 Tsis Tau Ua Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos yog 5,700 lub. Hais txog rau Qhov Kev Xaiv 1, Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos nce ntxiv lawm 2,400 lub. Hais txog rau Qhov Kev Xaiv 2, Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos nce ntxiv lawm 2,410 lub.

2026 Qhov Kev Xaiv 1 Tsis Tau Ua cov tsheb thauj khoom loj khiav mus los yog 513 lub. Hais txog rau xyoo 2026 Qhov Kev Xaiv Ua 1, cov tsheb thauj khoom loj khiav mus los nce ntxiv lawm 480 lub. Hais txog rau xyoo 2026 Qhov Kev Xaiv 4, cov tsheb thauj khoom loj khiav mus los nce ntxiv lawm 473 lub.

2046 Tsis Tau Ua Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos yog 7,800 lub. Hais txog rau Qhov Kev Xaiv 2, Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos nce ntxiv lawm 1,800 lub. Hais txog rau Qhov Kev Xaiv 4, Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos nce ntxiv lawm 1,700 lub.

2046 Qhov Kev Xaiv 2 Tsis Tau Ua cov tsheb thauj khoom loj khiav mus los yog 7,800 lub. Hais txog rau xyoo 2046 Qhov Kev Xaiv Ua 1, cov tsheb thauj khoom loj khiav mus los nce ntxiv mus rau 10,800 lub. Hais txog rau xyoo 2046 Qhov Kev Xaiv Ua 2 cov tsheb thauj khoom loj khiav mus los nce ntxiv lawm 10,800 lub.

*Kev Tshawb Xyuas*

***Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos (AADT):***

Kev muab txoj kev sib tshuam North/Cedar Avenue uas xav ua piv nrog rau txoj kev sib tshuam American Avenue pom tau hais tias Cov Tsheb Khiav Txhua Hnub Xam Tag

Nrho Hauv Ib Lub Xyoos (qhov ntau tsawg) yuav nqis tsawg nyob rau ntawm txoj kev sib tshuam North/Cedar Avenue, tab sis ho nce coob nyob rau txoj kev tshuam American Avenue nyob rau tib lub sij hawm ntawd. Qhov muaj tsheb coob tsawg no yog txuas ntxiv los ntawm Xyoo Qhib rau Tsheb Khiav 2026 mus txog Xyoo Raws Tus Qauv/Xyoo Kawg 2046.

***Cov Tsheb Thauj Khoom Loj Khiav Txhua Hnub Xam Tag Nrho (ADT) hauv Txoj Kev Tshuam Cedar/North Avenue:***

Hais txog rau txoj kev sib tshuam North/Cedar Avenue, tag nrho Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos thiab Cov Tsheb Thauj Khoom Loj Khiav Txhua Hnub Xam Tag Nrho tib si rau Qhov Kev Xaiv Ua yog nqis tsawg lawm yog muab piv rau Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos thiab Cov Tsheb Thauj Khoom Loj Khiav Txhua Hnub Xam Tag Nrho rau qhov Tsis Tau Ua.

***Cov Tsheb Thauj Khoom Loj Khiav Txhua Hnub Xam Tag Nrho (ADT) hauv Txoj Kev Tshuam American Avenue:***

Hais txog rau txoj kev tshuam American Avenue, 2026 Qhov Kev Xaiv 1 Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos yuav nce coob ntxiv, nrog rau muaj Cov Tsheb Thauj Khoom Loj Khiav Txhua Hnub Xam Tag Nrho nce coob ntxiv yog muab piv rau Qhov Kev Xaiv Uas Tsis Tau Ua 1. Xyoo 2026 Qhov Kev Xaiv 2 kuj ua raws li tus qauv no thiab.

Xyoo 2046 Qhov Kev Xaiv 1 qhov feem pua sib txawv ntawm Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos yuav nce ntxiv nrog rau Cov Tsheb Thauj Khoom Loj Khiav Txhua Hnub Xam Tag Nrho kuj yuav nce ntxiv thiab. Xyoo 2046 Qhov Kev Xaiv 2 Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos kuj yuav nce ntxiv nrog rau Cov Tsheb Thauj Khoom Loj Khiav Txhua Hnub Xam Tag Nrho kuj yuav nce ntxiv tib si thiab.

***Kev Muab Sib Piv:***

Qhov uas ua rau Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos/Cov Tsheb Thauj Khoom Loj Khiav Txhua Hnub Xam Tag Nrho poob qis rau txhua lub xyoo raws tus qauv rau txoj kev sib tshuam North/Cedar Avenue yuav haum nrog qhov muaj tsheb coob ntxiv no nyob rau ntawm txoj kev sib tshuam American Avenue. Cov kev tshawb fawb yav dhau los txog qhov chaw no qhia pom tias muaj ntau lub tsheb yuav siv cov kev ncaim mus rau North/Cedar Avenue, ces kiv rov qab mus rau thaj tsam ze American Avenue ntawm ntau txoj kev hauv zos. Cov tsheb khiav sib txauv mus los ntawm ob qho kev sib tshuam qhia tias kev ua txoj kev sib tshuam kom ti qab ti ntug nyob rau ntawm qhov chaw American Avenue yuav pab txo tau qee cov tsheb khiav mus los ntawm txoj kev sib tshuam North/Cedar Avenue kom tsawg.

Nyob rau ntawm txoj kev tshuam American Avenue, pom tau tias muaj kev hloov pauv loj txog cov tsheb thauj khoom loj thaum muab sib piv txog qhov sib txawv ntawm cov feem pua. Txawm li cas los xij, qhov muaj tsheb nce coob ntxiv tsuas yog ib feem me-me ntawm cov tsheb khiav mus los uas yuav siv txoj kev sib tshuam North/Cedar Avenue xwb, thiab kuj xav hais tias tej zaum yog cov tsheb thauj khoom loj uas khiav mus los yuav siv txoj kev tawm uas ze tshaj plaws rau lawv lub chaw, kom tsis txhob tau mus lem rov qab txog ob npaug los ntawm txoj kev tawm ntawm txoj kev sib tshuam

North/Cedar rov qab los mus rau ib ncig ze American Avenue. Qhov no txhais tau tias yuav muaj kev txo nqis ncaj qha rau Ncua Kev Uas Lub Tsheb Yuav Tau Khiav (VMT) thiab kev tso cov pa phem.

Raws li tus tsheb hauv tus qauv, cov tsheb khiav mus los uas yuav poob qis los mus ntawm txoj kev sib tshuam North/Cedar Avenue yog 2,263 lub. Cov tsheb khiav mus los uas nce coob ntxiv ntawm txoj kev sib tshuam American Avenue yog 1,698 lub. Muaj qhov sib txawv mus lawm 524 lub tsheb. Cov Tsheb Thauj Khoom Loj Khiav Txhua Hnub Xam Tag Nrho nyob rau ntawm txoj kev sib tshuam American Avenue yuav nce coob tuaj ntxiv tsis tshaj 10,000 Lub Tsheb Thauj Khoom Loj Khiav Txhua Hnub Xam Tag Nrho, uas yuav ua rau lub khoos kas no tsim nyog tau ua Lub Khoos Kas Uas Muaj Kev Txhawj Xeeb Fab Huab Cua Zoo (POAQC).

Cov kev sib txauv kev uas rov tawm qauv dua tshiab thiab cov kev sib tshuam uas cuam tshuam no yuav muab ua kom haum tshwj xeeb rau kev khiav cov tsheb thauj khoom loj. Muab hais tag nrho, ces cov kev ua tshiab no yuav txhim kho kev khiav tsheb mus los kom dhau dhuv thiab tau txais txiaj ntsig zoo, ua yog ua rau tuaj yeem nkag ncaj qha mus rau State Route 99, txhim kho Qib Kev Pab Cuam, thiab pab txhawb kom muaj cov huab cua zoo dua qub tuaj.

#### **1.4.3 Kev Sib Tham txog Cov Ntaub Ntawv Zwm Txog Txoj Kev Sib Tshuam**

Lub khoos kas no yuav ua kom tiav cov kev sib txauv kev ntawm North/Cedar Avenue thiab American Avenue. Kev yuav muab Qib Kev Pab Cuam uas twb yeej muaj lawm thiab qhov uas tseem yuav ua rau yav tom ntej coj los sib piv ncaj qha mas yog ib qho nyuaj, vim tias txoj kev sib tshuam raug rov hloov kho dua tshiab tag nrho los ntawm yam uas twb yeej muaj lawm. Dua li ntawd lawm, kuj tsis muaj qee cov ntaub zwm txog qhov khiav tsheb ceev (NAV) thiab. Txawm li cas los xij, kev sib piv qhov ua tau zoo rau Qib Kev Pab Cuam tsuas yog qhia pom tias Qib Kev Pab Cuam xyoo 2019 uas twb yeej muaj lawm yuav phem dua qub tuaj rau tag nrho cov kev sib tshuam North/Cedar Avenue thiab American Avenue tib si rau Xyoo Qhib rau Khiav Tsheb 2026 thiab Xyoo Kawg 2046 tib si.

Tam sim no, tsis muaj txoj kev ncaim tawm mus rau American Avenue nyob rau ntawm State Route 99 uas yuav mus rau sab qaum teb. Yog li ntawd, tag nrho cov tsheb khiav mus los yuav tsum tau tawm ntawm txoj kev sib tshuam North/Cedar Avenue, thiab khiav rov mus sab qab teb mus rau qhov chaw American Avenue.

Hais txog rau txoj kev sib tshuam North/Cedar Avenue, tag nrho Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos thiab Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos uas cuam tshuam kuj yuav poob qis tiag-tiag los ntawm xyoo 2026 thiab 2046. Qhov kev poob qis no yog muaj feem los ntawm rov kho txoj kev sib tshuam ib nrab uas twb yeej muaj lawm dua tshiab nyob rau ntawm American Avenue mus ua txoj kev sib tshuam txhij txhua. Nrog rau txoj kev sib tshuam kom ti qab ti ntug, cov tsheb khiav mus los yuav tuaj yeem nkag ncaj qha mus rau cov chaw ntawm American Avenue thiab tsis tas siv North/Cedar Avenue txoj kev tawm.



Cov phiaj zaim hauv qab no yog siv rau kev sib tham txog kev khiav tsheb mus los hauv ntu no.

**Daim Phiaj Ziam 1.4.3-A: Cov Ntaub Ntawv Zwm Txog Kev Khiav Tsheb Hauv Cov Kev Ncaim Ntawm North Avenue/Cedar Avenue Xyoo 2019 Uas Twb Yeej Muaj Lawm**

Cov Kev Ncaim Rau Kev Sib Tshuam ntawm North/Cedar Avenue	Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos (AADT) Tag Nrho	Cov Tsheb Thauj Khoom Loj Uas Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos (AADT)	Kev Khiav Ceev Yav Sawv Ntxov	Kev Khiav Ceev Yav Tsaus Ntuj	Qib Kev Pab Cuam Yav Sawv Ntxov	Qib Kev Pab Cuam Yav Tsaus Ntuj
Txoj Kev Tawm Mus Rau Sab Qab Teb mus rau North Avenue (txoj kev Ncaim Tawm)	6,800	1,972	60	61	D	D
Txoj Kev Nkag Mus Rau Sab Qaum Teb los ntawm North Avenue (txoj kev Ncaim Nkag)	7,200	2,088	60	56	C	D
Txoj Kev Tawm Mus Rau Sab Qaum Teb mus rau Cedar Avenue (txoj kev Ncaim Tawm)	3,800	1,558	61	61	D	D
Txoj Kev Nkag Mus Rau Sab Qab Teb los ntawm Cedar Avenue (txoj kev Ncaim Nkag)	3,500	1,575	61	60	C	C
Xam Tag Nrho	21,300	7,193	Tsis muaj qhov xam tag nrho	Tsis muaj qhov xam tag nrho	Tsis muaj qhov xam tag nrho	Tsis muaj qhov xam tag nrho

**Daim Phiaj Ziam 1.4.3-B: Cov Ntaub Ntawv Zwm Txog Kev Khiav Tsheb Hauv Cov Kev Ncaim Ntawm North Avenue/Cedar Avenue Xyoo 2019 Uas Twb Yeej Muaj Lawm**

Cov Kev Ncaim Rau Txoj Kev Sib Tshuam ntawm American Avenue	Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos (AADT) Tag Nrho	Cov Tsheb Thauj Khoom Loj Uas Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos (AADT)	Kev Khiav Ceev Yav Sawv Ntxov	Kev Khiav Ceev Yav Tsaus Ntuj	Qib Kev Pab Cuam Yav Sawv Ntxov	Qib Kev Pab Cuam Yav Tsaus Ntuj
Txoj Kev Tawm Mus Rau Sab Qab Teb ntawm American Avenue (txoj kev Ncaim Tawm)	2,500	225	61	61	D	D
Txoj Kev Nkag Mus Rau Sab Qaum Teb ntawm American Avenue (txoj kev Ncaim Nkag)	2,400	216	60	60	C	C
Xam Tag Nrho	4,900	441	Tsis muaj qhov xam tag nrho	Tsis muaj qhov xam tag nrho	Tsis muaj qhov xam tag nrho	Tsis muaj qhov xam tag nrho

**Daim Phiaj Ziam 1.4.3-C: Xyoo Qhib 2026 thiab Xyoo Raws Tus Qauv 2046 Uas Tsis Tau Ua Cov Tsheb Thauj Khoom Loj Uas Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos thiab Cov Tsheb Thauj Khoom Loj Khiav Txhua Hnub Xam Tag Nrho.**

Txoj Kev/Kev Sib Tshuam	Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos (AADT)	Cov Tsheb Thauj Khoom Loj Khiav Txhua Hnub Xam Tag Nrho (ADT)
2026 Tsis Tau Ua North/Cedar Avenue	30,000	9,996
2046 Tsis Tau Ua North/Cedar Avenue	39,400	13,250
2026 Tsis Tau Ua American Avenue	5,700	513
2046 Tsis Tau Ua American Avenue	7,800	702

**Daim Phiaj Ziam 1.4.3-D. Cov Ntaub Ntawv Zwm Kev Khiav Tsheb hauv North Avenue Qhov Kev Xaiv Ua 1 thiab 2 ntawm Xyoo Qhib 2026.**

Cov Kev Ncaim Rau Txoj Kev Sib Tshuam ntawm North Avenue	Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyooos (AADT) Xam Tag Nrho:	Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyooos (AADT) Cov Tsheb Thauj Khoom Loj:	Kev Khiav Ceev Yav Sawv Ntxov	Kev Khiav Ceev Yav Tsaus Ntuj	Qib Kev Pab Cuam Yav Sawv Ntxov	Qib Kev Pab Cuam Yav Tsaus Ntuj
2026 Qhov Kev Xaiv 1 thiab 2	29,000	9,372	Tsis muaj	Tsis muaj	Tsis muaj	Tsis muaj
Txoj Kev Tawm Mus Rau Sab Qab Teb mus rau North Avenue (txoj kev Ncaim Tawm)	10,100	2,929	59	60	E	E
Txoj Kev Nkag Kiv Mus Rau Sab Qab Teb los ntawm Sab Hnub Poob North Avenue (txoj kev Ncaim Nkag)	700	385	61	60	C	C
Txoj Kev Nkag Ncaj Qha Mus Rau Sab Qab Teb los ntawm Sab Hnub Tuaj North Avenue (txoj kev Ncaim Nkag)	3,300	1,353	61	58	C	D
Txoj Kev Nkag Kiv Mus Rau Sab Qaum Teb los ntawm Sab Hnub Tuaj North Avenue (txoj kev Ncaim Nkag)	5,900	1,357	59	56	D	D
Txoj Kev Nkag Ncaj Qha Mus Rau Sab Qaum Teb los ntawm Sab Hnub Poob North Avenue (txoj kev Ncaim Nkag)	4,800	1,584	58	58	D	F
Txoj Kev Tawm Mus Rau Sab Qaum Teb mus rau North Avenue (txoj kev Ncaim Tawm)	4,200	1,764	61	61	D	E

**Daim Phiaj Ziam 1.4.3-E. Cov Ntaub Ntawv Zwm Kev Khiav Tsheb hauv North Avenue Qhov Kev Xaiv 3 thiab 4 ntawm Xyoo Qhib 2026.**

Cov Kev Ncaim Rau Txoj Kev Sib Tshuam ntawm North Avenue	Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos (AADT) Xam Tag Nrho:	Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos (AADT) Cov Tsheb Thauj Khoom Loj:	Kev Khiav Ceev Yav Sawv Ntxov	Kev Khiav Ceev Yav Tsaus Ntuj	Qib Kev Pab Cuam Yav Sawv Ntxov	Qib Kev Pab Cuam Yav Tsaus Ntuj
2026 Qhov Kev Xaiv 3 thiab 4	29,000	9,516	Tsis muaj	Tsis muaj	Tsis muaj	Tsis muaj
Txoj Kev Tawm Mus Rau Sab Qab Teb mus rau North Avenue (txoj kev Ncaim Tawm)	10,100	2,929	59	60	E	E
Txoj Kev Nkag Ncaj Qha Mus Rau Sab Qab Teb los ntawm North Avenue (txoj kev Ncaim Nkag)	4,000	1,720	61	58	C	D
Txoj Kev Tawm Mus Rau Sab Qaum Teb mus rau North Avenue (txoj kev Ncaim Tawm)	4,200	1,764	61	61	D	E
Txoj Kev Nkag Ncaj Qha Mus Rau Sab Qaum Teb los ntawm North Avenue (txoj kev Ncaim Nkag)	10,700	3,103	57	Tsis muaj ntaub ntawv zwm	D	F

**Daim Phiaj Ziam 1.4.3-F. Cov Ntaub Ntawv Zwm Kev Khiav Tsheb hauv North Avenue Qhov Kev Xaiv 1 thiab 2 ntawm Xyoo Kawg 2046.**

Cov Kev Ncaim Rau Txoj Kev Sib Tshuam ntawm North Avenue	Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos (AADT) Xam Tag Nrho:	Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos (AADT) Tsheb Thauj Khoom Loj	Kev Khiav Ceev Yav Sawv Ntxov	Kev Khiav Ceev Yav Tsaus Ntuj	Qib Kev Pab Cuam Yav Sawv Ntxov	Qib Kev Pab Cuam Yav Tsaus Ntuj
2046 Qhov Kev Xaiv 1 thiab 2	37,600	12,311	Tsis muaj	Tsis muaj	Tsis muaj	Tsis muaj
Txoj Kev Tawm Mus Rau Sab Qab Teb mus rau North Avenue (txoj kev Ncaim Tawm)	12,800	3,712	Tsis muaj ntaub ntawv zwm	Tsis muaj ntaub ntawv zwm	F	F
Txoj Kev Nkag Kiv Mus Rau Sab Qab Teb los ntawm Sab Hnub Poob North Avenue (txoj kev Ncaim Nkag)	1,300	715	Tsis muaj ntaub ntawv zwm	Tsis muaj ntaub ntawv zwm	F	F
Txoj Kev Nkag Ncaj Qha Mus Rau Sab Qab Teb los ntawm Sab Hnub Tuaj North Avenue (txoj kev Ncaim Nkag)	4,200	1,722	Tsis muaj ntaub ntawv zwm	Tsis muaj ntaub ntawv zwm	F	F
Txoj Kev Nkag Kiv Mus Rau Sab Qaum Teb los ntawm Sab Hnub Tuaj North Avenue (txoj kev Ncaim Nkag)	6,400	1,656	Tsis muaj ntaub ntawv zwm	Tsis muaj ntaub ntawv zwm	F	F
Txoj Kev Nkag Ncaj Qha Mus Rau Sab Qaum Teb los ntawm Sab Hnub Poob North Avenue (txoj kev Ncaim Nkag)	7,200	2,112	Tsis muaj ntaub ntawv zwm	Tsis muaj ntaub ntawv zwm	F	F
Txoj Kev Tawm Mus Rau Sab Qaum Teb mus rau North Avenue (txoj kev Ncaim Tawm)	5,700	2,394	Tsis muaj ntaub ntawv zwm	Tsis muaj ntaub ntawv zwm	F	F

**Daim Phiaj Ziam 1.4.3-G. Cov Ntaub Ntawv Zwm Kev Khiav Tsheb hauv North Avenue Qhov Kev Xaiv 3 thiab 4 ntawm Xyoo Kawg 2046.**

Cov Kev Ncaim Rau Txoj Kev Sib Tshuam ntawm North Avenue	Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos (AADT) Xam Tag Nrho:	Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos (AADT) Tsheb Thauj Khoom Loj	Kev Khiav Ceev Yav Sawv Ntxov	Kev Khiav Ceev Yav Tsaus Ntuj	Qib Kev Pab Cuam Yav Sawv Ntxov	Qib Kev Pab Cuam Yav Tsaus Ntuj
2046 Qhov Kev Xaiv 3 thiab 4	37,500	12,372	Tsis muaj	Tsis muaj	Tsis muaj	Tsis muaj
Txoj Kev Tawm Mus Rau Sab Qab Teb mus rau North Avenue (txoj kev Ncaim Tawm)	12,800	3,712	Tsis muaj ntaub ntawv zwm	Tsis muaj ntaub ntawv zwm	F	F
Txoj Kev Nkag Ncaj Qha Mus Rau Sab Qab Teb los ntawm North Avenue (txoj kev Ncaim Nkag)	5,400	2,322	Tsis muaj ntaub ntawv zwm	Tsis muaj ntaub ntawv zwm	F	F
Txoj Kev Tawm Mus Rau Sab Qaum Teb mus rau North Avenue (txoj kev Ncaim Tawm)	5,700	2,394	Tsis muaj ntaub ntawv zwm	Tsis muaj ntaub ntawv zwm	F	F
Txoj Kev Nkag Ncaj Qha Mus Rau Sab Qaum Teb los ntawm North Avenue (txoj kev Ncaim Nkag)	13,600	3,944	Tsis muaj ntaub ntawv zwm	Tsis muaj ntaub ntawv zwm	F	F

**Daim Phiaj Ziam 1.4.3-H. Cov Ntaub Ntawv Zwm Kev Khiav Tsheb hauv American Avenue Qhov Kev Xaiv 1 ntawm Xyoo Qhib 2026.**

Cov Kev Ncaim Rau Txoj Kev Sib Tshuam ntawm American Avenue	Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos (AADT) Xam Tag Nrho:	Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos (AADT) Tsheb Thauj Khoom Loj	Kev Khiav Ceev Yav Sawv Ntxov	Kev Khiav Ceev Yav Tsaus Ntuj	Qib Kev Pab Cuam Yav Sawv Ntxov	Qib Kev Pab Cuam Yav Tsaus Ntuj
2026 Qhov Kev Xaiv 1	8,100	993	Tsis muaj	Tsis muaj	Tsis muaj	Tsis muaj
Txoj Kev Tawm Mus Rau Sab Qab Teb (txoj kev Ncaim Tawm)	2,900	261	61	61	D	D
Txoj Kev Nkag Ncaj Qha Mus Rau Sab Qab Teb (txoj kev Ncaim Nkag)	1,300	260	62	59	C	D
Txoj Kev Tawm Mus Rau Sab Qaum Teb (txoj kev Ncaim Tawm)	1,100	220	61	62	D	D
Txoj Kev Nkag Ncaj Qha Mus Rau Sab Qaum Teb (txoj kev Ncaim Nkag)	2,800	252	58	57	D	D

**Daim Phiaj Ziam 1.4.3-I. Cov Ntaub Ntawv Zwm Kev Khiav Tsheb hauv American Avenue Qhov Kev Xaiv 2 ntawm Xyoo Qhib 2026.**

Cov Kev Ncaim Rau Txoj Kev Sib Tshuam ntawm American Avenue	Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos (AADT) Xam Tag Nrho:	Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos (AADT) Tsheb Thauj Khoom Loj	Kev Khiav Ceev Yav Sawv Ntxov	Kev Khiav Ceev Yav Tsaus Ntuj	Qib Kev Pab Cuam Yav Sawv Ntxov	Qib Kev Pab Cuam Yav Tsaus Ntuj
2026 American Qhov Kev Xaiv 2	8,110	986	Tsis muaj	Tsis muaj	Tsis muaj	Tsis muaj
Txoj Kev Tawm Mus Rau Sab Qab Teb (txoj kev Ncaim Tawm)	2,900	261	61	61	D	D
Txoj Kev Nkag Kiv Mus Rau Sab Qab Teb los ntawm Sab Hnub Poob American Avenue (txoj kev Ncaim Nkag)	640	70	62	60	C	C
Txoj Kev Nkag Nplee Mus Rau Sab Qab Teb los ntawm Sab Hnub Tuaj American Avenue (txoj kev Ncaim Nkag)	670	194	62	59	C	D
Txoj Kev Nkag Nplee Mus Rau Sab Qaum Teb los ntawm Sab Hnub Poob American Avenue (txoj kev Ncaim Nkag)	1,700	153	59	58	D	D
Txoj Kev Nkag Kiv Mus Rau Sab Qaum Teb los ntawm Sab Hnub Tuaj American Avenue (txoj kev Ncaim Nkag)	1,100	88	59	59	C	D
Txoj Kev Tawm Mus Rau Sab Qaum Teb (txoj kev Ncaim Tawm)	1,100	220	61	62	D	D



**Daim Phiaj Ziam 1.4.3-J. Cov Ntaub Ntawv Zwm Kev Khiav Tsheb hauv American Avenue Qhov Kev Xaiv 1 ntawm Xyoo Raws Tus Qauv 2046.**

Cov Kev Ncaim Rau Txoj Kev Sib Tshuam ntawm American Avenue	Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos (AADT) Xam Tag Nrho:	Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos (AADT) Tsheb Thauj Khoom Loj	Kev Khiav Ceev Yav Sawv Ntxov	Kev Khiav Ceev Yav Tsaus Ntuj	Qib Kev Pab Cuam Yav Sawv Ntxov	Qib Kev Pab Cuam Yav Tsaus Ntuj
2046 American Qhov Kev Xaiv 1	10,800	1,302	Tsis muaj	Tsis muaj	Tsis muaj	Tsis muaj
Txoj Kev Tawm Mus Rau Sab Qab Teb (txoj kev Ncaim Tawm)	3,800	342	Tsis muaj ntaub ntawv zwm	Tsis muaj ntaub ntawv zwm	F	F
Txoj Kev Nkag Ncaj Qha Mus Rau Sab Qab Teb (txoj kev Ncaim Nkag)	1,700	340	Tsis muaj ntaub ntawv zwm	Tsis muaj ntaub ntawv zwm	F	F
Txoj Kev Tawm Mus Rau Sab Qaum Teb (txoj kev Ncaim Tawm)	1,300	260	Tsis muaj ntaub ntawv zwm	Tsis muaj ntaub ntawv zwm	B	B
Txoj Kev Nkag Ncaj Qha Mus Rau Sab Qaum Teb (txoj kev Ncaim Nkag)	4,000	360	Tsis muaj ntaub ntawv zwm	Tsis muaj ntaub ntawv zwm	C	C

**Daim Phiaj Ziam 1.4.3-K. Cov Ntaub Ntawv Zwm Kev Khiav Tsheb hauv American Avenue Qhov Kev Xaiv 2 ntawm Xyoo Raws Tus Qauv 2046.**

Cov Kev Ncaim Rau Txoj Kev Sib Tshuam ntawm American Avenue	Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos (AADT) Xam Tag Nrho:	Cov Tsheb Khiav Txhua Hnub Xam Tag Nrho Hauv Ib Lub Xyoos (AADT) Tsheb Thauj Khoom Loj	Kev Khiav Ceev Yav Sawv Ntxov	Kev Khiav Ceev Yav Tsaus Ntuj	Qib Kev Pab Cuam Yav Sawv Ntxov	Qib Kev Pab Cuam Yav Tsaus Ntuj
2026 American Qhov Kev Xaiv 2	10,800	1,283	Tsis muaj	Tsis muaj	Tsis muaj	Tsis muaj
Txoj Kev Tawm Mus Rau Sab Qab Teb (txoj kev Ncaim Tawm)	3,800	342	Tsis muaj ntaub ntawv zwm	Tsis muaj ntaub ntawv zwm	F	F
Txoj Kev Nkag Kiv Mus Rau Sab Qab Teb los ntawm Sab Hnub Poob American Avenue (txoj kev Ncaim Nkag)	870	96	57	Tsis muaj ntaub ntawv zwm	D	F
Txoj Kev Nkag Nplee Mus Rau Sab Qab Teb los ntawm Sab Hnub Tuaj American Avenue (txoj kev Ncaim Nkag)	830	241	56	Tsis muaj ntaub ntawv zwm	D	F
Txoj Kev Nkag Nplee Mus Rau Sab Qaum Teb los ntawm Sab Hnub Poob American Avenue (txoj kev Ncaim Nkag)	2,500	225	Tsis muaj ntaub ntawv zwm	Tsis muaj ntaub ntawv zwm	F	F
Txoj Kev Nkag Kiv Mus Rau Sab Qaum Teb los ntawm Sab Hnub Tuaj American Avenue (txoj kev Ncaim Nkag)	1,500	120	Tsis muaj ntaub ntawv zwm	Tsis muaj ntaub ntawv zwm	F	F
Txoj Kev Tawm Mus Rau Sab Qaum Teb (txoj kev Ncaim Tawm)	1,300	260	Tsis muaj ntaub ntawv zwm	Tsis muaj ntaub ntawv zwm	F	F

**1.5 Sua Cov Ntsiab Lus Xaus:**

Tsis muaj zoo laj thawj txaus kom ntseeg tau tias lub khoos kas no yuav muaj kev yuam cai tshiab los sis ua rau cov kev yuam cai uas twb muaj lawm phem tshaj qub tuaj rau Cov Qauv Gaus Txog Huab Cua Zoo Thoob Plaws Teb Chaws (NAAQS) txog PM10 thiab PM2.5. Lub khoos kas no ua tsis tau raws li Teb Chaws Meskas Lub Chaw Hauj

Lwm Tiv Thaiv Cheeb Tsam Puag Ncig cov qauv cai rau kev yog Lub Khoos Kas uas Tsis Yig ib Lub Khoos Kas Uas Muaj Kev Txhawj Xeeb Fab Huab Cua Zoo (POAQC).

Caltrans tau ua tiav qhov kev txheeb xyuas rau qhov chaw txog PM10 thiab PM2.5 lawm thiab tau txiav txim hais tias lub khoos kas no tsis yog "Lub Khoos Kas uas Tsis Yig ib Lub Khoos Kas Uas Muaj Kev Txhawj Xeeb Fab Huab Cua Zoo"; Yog li ntawd, tsis tas yuav tsum tau ua lwm qhov kev txheeb xyuas rau qhov chaw txog cov plua plav qias neeg txhawm rau kom ua raws cai ntxiv lawm.

## **1.6 Tus Txheej Txheem Kev Cia Zej Tsoom Los Koom Nrog:**

"Kev Ua Raws Cai Rau Fab Kev Thauj Mus Los" yog ib tug txheej txheem uas teev tseg raws Tsoom Hwv Teb Chaws Tsab Cai Hais Txog Cua Huv los ua kom ntseeg tau hais tias kev npaj phiaj xwm txog kev thauj mus los, cov khoos kas kev txhim kho kev thauj mus los, thiab ntau lub khoos kas yog ua tau raws li cov phiaj xwm txhawm rau kom ua tiav thiab hwj xwm tsoom hwv teb chaws cov qauv cai hais txog huab cua zoo. Cov kev cai tshwj xeeb yog teev los ntawm Lub Chaw Hauj Lwm Tiv Thaiv Cheeb Tsam Puag Ncig cov kev cai hauv 40 CFR 93, Lub Chaw Hauj Lwm Tiv Thaiv Cheeb Tsam Puag Ncig thiab Tsoom Hwv Teb Chaws Lub Loos Kam Saib Xyuas Kev Tshab Loj cov ntaub ntawv muab lus qhia, thiab cov kev cai thiab/los sis cov txheej txheem hauv cheeb tsam uas teev los ntawm Fresno County of Governments thiab San Joaquin Valley Air Pollution Control District raws li tau teev tseg rau hauv Lub Lav Txoj(Cov) Phiaj Xwm Hias Txog Kev Nqis Tes Ua Txog Kev Ua Raws Cai uas tau txais kev pom zoo los ntawm Teb Chaws Meskas Lub Chaw Hauj Lwm Tiv Thaiv Cheeb Tsam Puag Ncig. Peb tab tom npaj Daim Ntawv Tshaj Qhia txog Kev Ntsuam Xyuas Cheeb Tsam Puag Ncig Li Ib Txwm/Kev Cuam Tshuam Rau Cheeb Tsam Puag Ncig, uas khwv yees tias yuav ua tiav rau zej tsoom los nrog tshuaj xyuas hauv sij hawm 30 hnuv. Peb yuav thov kev muab lus xam pom los ntawm zej tsoom tam li yog ib feem ntawm tus txheej txheem nthuav tawm NEPA cov ntaub ntawv.

**M e m o r a n d u m**

*Making Conservation a  
California Way of Life!*

**To:** Interagency Consultation Partners

**Date:** July 2, 2020  
EA 06-0H240  
FRE-99  
PM 12.51/19.1

**From:** Maya Hildebrand  
Caltrans Central Region  
Environmental Engineering Branch

**Subject:** Consultation on PM 10 & PM 2.5 Hot-spot Conformity Assessment.

**Project:** South Fresno Interchange Project, State Route (SR) 99 in Fresno County

The California Department of Transportation is providing a PM10 & PM 2.5 Hot-spot Conformity assessment for the South Fresno Interchange Project for Interagency Consultation. It is requested that the Interagency Consultation Partners concur that this project is not a "Project of Air Quality Concern" (POAQC). Comments on the assessment are due by July 25, 2020. An interagency conference call will be held upon request.

**Project Description**

The South Fresno Interchange project is located in Fresno County. The project proposes to reconstruct two existing interchanges on State Route 99 between post miles 12.5 and 19.1 in the southwest area of the City of Fresno. The project would not change the State Route 99 mainline configuration, except to construct modified on- and off-ramps where they intersect the mainline at the interchange locations, and to set up traffic control during construction. Please see the attached map.

The purpose of the South Fresno Interchange Project is to improve the traffic operations of the existing North Avenue and American Avenue interchanges. The interchanges were built in 1965 and have numerous issues which must be addressed to update the facility to current Caltrans design standards.

- Existing interchange configurations are non-standard and are split to form five half interchanges.
- There are only two lanes for traffic to cross over the freeway; one lane for each direction of travel.
- The on and off ramps have limited dimensions which make navigation for large trucks especially difficult.
- On and off ramps are separated from each other with no expectation of where to find corresponding on or off ramps, forcing vehicles to wind their way on local streets, to and from the freeway, to reach their destinations.

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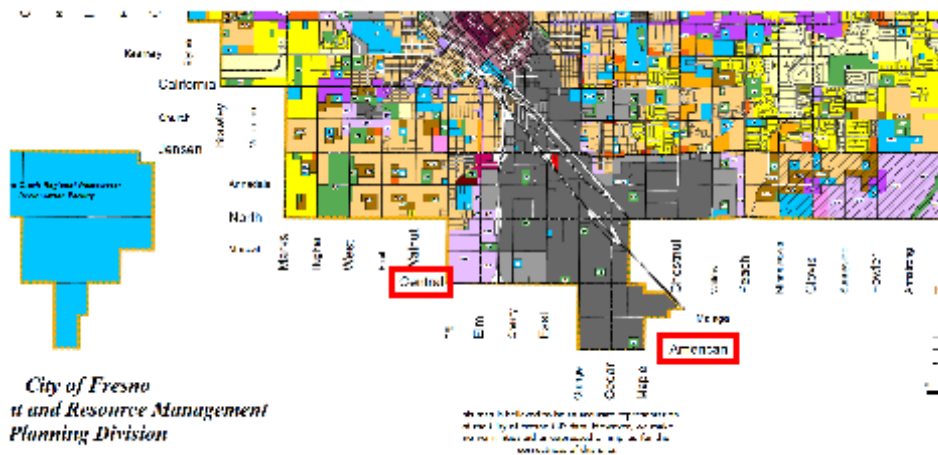
SR-99 South Fresno Interchange  
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- Pavement is old and cracked.

Caltrans traffic studies show the operations and performance of the interchanges will only deteriorate with time.

The project location is in an area of Fresno zoned for light to heavy industry (gray) and business parks (purple). Many large-scale shipping companies have their operations here (See Figure 1). These businesses rely on a readily accessible SR-99 to reach their customers. North Avenue and American Avenue are two of the major roads they use to reach SR-99.

Figure 1. Zoning/Land Use near SR-99 North and American Avenues



#### SR-99/North Avenue – Cedar Avenue IC

Currently, direct access to SR-99 is via a half diamond configuration with isolated ramps. North Avenue has a SB off-ramp and a NB on-ramp. Approximately 2.5 miles south, the Cedar Avenue access to SR-99 is comprised of a NB off-ramp and a SB on-ramp. The current North Avenue and Cedar Avenue ramp configuration function together as one complete IC.

The current North Avenue OC is a two-lane bridge, and all existing ramps are one-lane. Traffic control for the NB off-ramp/Cedar Avenue intersection is currently controlled with a single stop sign, while the SB off-ramp/Parkway/North Avenue intersections are controlled by two-way stop signs.

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West of SR-99, Parkway Avenue is located between North and Cedar Avenues and serves as the main local conduit for businesses. The Parkway/Cedar Avenue intersection is the access for the Cedar Avenue SB on-ramp to SR-99.

On the eastern side of SR-99, the North/Cedar Avenue intersection serves as the NB on-ramp.

Construction of any of the four alternatives would construct a full interchange to meet current design standards at North Avenue. The North Avenue OC will be reconstructed with four through-lanes. Intersections on North Avenue at Orange Avenue (west of the IC) and Cedar Avenue (east of the IC) would be improved, with left turn pockets installed at all four legs, as well as signals and lighting. Redesigned turn lanes and intersections will better accommodate truck traffic.

#### **SR-99/American Avenue**

The current configuration for the American IC is a half diamond interchange with isolated ramps. There is a SB off-ramp on the western side of SR-99 and a NB on-ramp on the eastern side of SR-99. These existing ramps are the only direct access points to SR-99.

The current American Avenue OC is a two-lane bridge. The SB off-ramp/American Avenue intersection is currently controlled with a single stop sign at the off-ramp. There are dedicated left- and right-turn lanes. All approaches on American Avenue at the SB off-ramp are one lane. The NB on-ramp/American Avenue intersection is uncontrolled with one-lane approaches on American Avenue. The SB off-ramp/American Avenue intersection is the only SB access point from SR-99 to the Fresno County Juvenile Justice Campus. There is no direct access to NB SR-99 at from American Avenue at this point.

All build alternatives for the American Avenue/SR-99 IC would construct a full interchange to meet current design standards at American Avenue. Intersections will be constructed where modified on- and off-ramps intersect on American Avenue. The American Avenue OC would be reconstructed with four through-lanes. On the west side, the reconstructed interchange along American Avenue would be four lanes through the on- and off-ramp intersections, then narrow to two lanes before the driveway of the County Juvenile facility. On the east side, the four lanes would narrow down and end before intersecting Golden State Highway.

#### **Level of Service for Existing Conditions**

##### **SR-99/North/Cedar Avenue IC**

All studied intersections are currently operating at acceptable LOS with the following exceptions. These three locations currently operate at LOS "F" during AM peak travel hour:

- SB off-ramp/Parkway/North Avenue

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- o NB left-turn on Parkway
- o SB off-ramp left-turn that are currently operating at LOS "F" during AM peak travel hour

SR-99/American Avenue IC

All studied intersections are currently operating at acceptable LOS during peak travel hours.

Overall, NB SR-99 currently operates at LOS "D" during AM and PM peak travel hours, except the segment between on and off-ramps at Central and North Avenue, and north of North Avenue on-ramp. This segment operates at LOS "E" during PM peak travel hour.

The SB Route 99 segment is currently operating at LOS "C" to "D" during peak travel hours. All existing diverge areas at North and American Avenues are operating at LOS "D" during peak travel hours. All on-ramps merge areas at North and American Avenues are operating at LOS "C" during peak travel hours, except the NB on-ramp at North Avenue that is operating at LOS "D" during PM peak travel hour.

**Traffic**

The Caltrans Technical Planning Unit has provided estimated AADT (Annual Average Daily Traffic) for the 2019 Existing year, 2026 Open to Traffic year, and 2046 Horizon year traffic volumes.

Tables 1 shows mainline SR 99 traffic data along SR-99 between North and American Avenues. It should be noted that SR 99 traffic will not change due to interchange improvements. Tables 2 and 3 show traffic data for North Avenue and American Avenue Interchanges. Each table shows Annual Average Daily Traffic (AADT) and Truck AADT for the Existing Year 2019, Open to Traffic Year 2026 and Horizon Year 2046.

**Table 1: Mainline Traffic Data**

Mainline	AADT	Truck AADT (16%)
2019 Existing	245,300	39,248
2026 No Build	275,300	44,048
2046 No Build	408,200	65,312

Source: Caltrans Travel Forecasting.

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**Table 2: SR-99/North/Cedar Avenue IC**

North Ave IC <i>Alternative</i>	2026		2046	
	AADT	Truck AADT	AADT	Truck AADT
No Build	25,500	9,996	39,400	13,250
Alt 1 Partial Clover	29,000	9,372	37,600	12,311
Alt 2 Partial Clover-Slip ramps	29,000	9,372	37,600	12,311
Alt 3 Spread Diamond	29,000	9,516	37,500	12,372
Alt 4 Diverging Diamond	29,000	9,516	37,500	11,988

Source: Caltrans Travel Forecasting.

The No-Build AADT includes traffic counts for both North and Cedar Avenue, as they function together as a single interchange. The Build alternatives AADT assumes a full interchange is in place.

The current/existing configuration is a partial half diamond configuration at North Avenue with a SB off-ramp and a NB on-ramp. The North Avenue OC is a two-lane bridge. Cedar Avenue lies 2.5 miles south, and accesses SR-99 via a NB off-ramp and a SB on-ramp.

Construction of the project would add two additional ramps to construct a full interchange at the North Avenue location, widen the North Avenue OC to a four-lane bridge, and improve existing intersections which feed into North Avenue by installing left-turn pockets and controlled signals.

**Table 3: American Avenue IC**

American Ave IC <i>Alternative</i>	2026		2046	
	AADT	Truck AADT	AADT	Truck AADT
No Build	5,700	513	7,800	702
Alt 1 Spread Diamond	8,100	993	10,800	1,302
Alt 2 Partial Clover	8,110	986	10,800	1,284

Source: Caltrans Travel Forecasting.

The No-Build AADT at American Avenue is for the existing northbound on- and southbound off-ramps. The Build AADT assumes a full American Avenue interchange is in place.

The current/existing configuration is also a partial half diamond configuration at American Avenue with a SB off-ramp and a NB on-ramp.

Construction of the project would add two additional ramps to construct a full interchange at the American Avenue location, widen the American Avenue OC to a four-lane bridge, and construct

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intersections created by the modified on and off-ramps with American Avenue. Intersections would be constructed to current design standards.

#### Analysis

The purpose of the overall project is to improve local traffic circulation and smooth traffic flow to the mainline. No new truck traffic will be added, as the proposed project will be built to serve the already established commercial and retail industry. Growth in AADT by Opening to Traffic and Design/Horizon years are due to normal anticipated population increase.

Both North and American Avenue ICs, were originally built as a partial interchange. As the proposed project will convert the existing partial interchanges into full interchanges, the project is not considered a new alignment. Construction of the full interchanges will enable drivers to directly access SR-99 instead of taking local, non-continuous routes to get to their destination.

The redesigned interchanges and associated intersections will improve traffic flow and efficiency, allow direct access to SR-99, improve LOS, and contribute to overall better air quality.

#### Conformity

The South Fresno Interchange Project is in Fresno County in the San Joaquin Valley, which is in non-attainment for PM 2.5 and attainment/maintenance for PM 10. According to the Environmental Protection Agency (EPA) Transportation Conformity Guidance, PM2.5 hot-spot analysis is required for Projects of Air Quality Concern (POAQC) in non-attainment and maintenance areas (40CFR 93.123 (b) (1)). Projects that are exempt or not POAQC do not require hot-spot analysis.

Caltrans, as a Project Sponsor, has determined that this project does meet the criteria for not a "Project of Air Quality Concern" based on the November 2013 Transportation Conformity Guidance for Quantitative Hot-Spot Analyses in PM2.5 and PM10 Nonattainment and Maintenance Areas which states: Section 93.123(b)(1) of the conformity rule defines the projects that require a PM2.5 or PM10 hot-spot analysis as:

"(i) New highway projects that have a significant number of diesel vehicles, and expanded highway projects that have a significant increase in the number of diesel vehicles;

(ii) Projects affecting intersections that are at Level-of-Service D, E, or F with a significant number of diesel vehicles, or those that will change to Level-of-Service D, E, or F because of increased traffic volumes from a significant number of diesel vehicles related to the project;

(iii) New bus and rail terminals and transfer points that have a significant number of diesel vehicles congregating at a single location;

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SR-99 South Fresno Interchange  
06-0H240  
July 2, 2020

(iv) Expanded bus and rail terminals and transfer points that significantly increase the number of diesel vehicles congregating at a single location; and

Based on the projected traffic above, Caltrans has determined that the South Fresno State Route 99 Corridor project should be assessed as NOT a POAQC for the following reasons:

- The Truck AADTs for the future Build Alternative are consistent with growth associated with anticipated future population, not an influx of traffic due to a new industrial/commercial/trucking facility. The project will not cause a significant increase in the number of diesel vehicles in the project area.
- Mainline SR-99 volumes are not affected by the improvements proposed by the project.
- Construction of full interchanges will give vehicles direct access to SR-99, thus improving safety, efficiency and maneuverability for all motorists.

**Public Involvement Process:**

The NEPA document will be Routine EA. Public involvement is necessary.

If you have any questions, please contact me at (559) 445-6426 or by email at [maya.hildebrand@dot.ca.gov](mailto:maya.hildebrand@dot.ca.gov).

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**Date:** Tuesday, August 18, 2020 1:49:36 PM  
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EXTERNAL EMAIL. Links/attachments may not be safe.

EPA concurs that this is not a project of air quality concern.

Thanks, Karina

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**Subject:** Hot-spot conformity assessment - Caltrans South Fresno Interchange

Hello Interagency Consultation Partners,

The California Department of Transportation (Caltrans) is providing a PM 2.5 and PM 10 Hot-spot Conformity Assessment memo for interagency consultation. The project is the SR-99 South Fresno Interchange project. It is requested that the Interagency Consultation Partners concur that this project is not a "Project of Air Quality Concern" (POAQC). Comments on the assessment are due on July 29, 2020. An interagency conference call will be held upon request.

The NEPA document for this project is Routine EA (23 USC 327). A Public Hearing will be held during the circulation period of the Draft Environmental Document. FHWA and EPA concurrence is requested.

Please contact me if you have questions regarding this email or the attached memo.



*Maya Hildebrand*  
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**Date:** Tuesday, August 18, 2020 1:48:28 PM  
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**Cc:** Karina O'Connor ([oconnor.karina@epa.gov](mailto:oconnor.karina@epa.gov)) <[oconnor.karina@epa.gov](mailto:oconnor.karina@epa.gov)>  
**Subject:** RE: Hot-spot conformity assessment - **Caltrans South Fresno Interchange**

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FHWA concurs that this is not a project of air quality concern. Thanks!

Joseph Vaughn  
Environmental Specialist  
FHWA, CA Division  
(916) 498-5346

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**From:** Hildebrand, Maya@DOT [<mailto:Maya.Hildebrand@dot.ca.gov>]  
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**Subject:** Hot-spot conformity assessment - Caltrans South Fresno Interchange

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Hello Interagency Consultation Partners,

Lub Ncauj Lus: HAIS TXOG: Kev ntsuam xyuas kev ua raws cai rau qhov chaw - Caltrans Txoj Kev Sib Tshuam Sab Qab Teb Fresno

TSAB EMAIL SAB NRAUV. Tej zaum cov chaw txuas (links)/cov ntaub ntawv lo nrog tuaj yuav tsis muaj kev nyab xeeb.



EPA sib cog pom zoo tias qhov no tsis yog ib lub khoos kas uas muaj kev txhawj xeeb txog huab cua zoo.

Ua tsaug, Karina

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Txog Rau:

Tuaj Ntawm:

Xa Nyob Rau: Hnub Thursday, Lub Xya Hli Tim 9, 2020 8:45 Teev Sawv Ntxov

Txog Rau:

Lub Ncauj Lus: Kev ntsuam xyuas kev ua raws cai rau qhov chaw - Caltrans Txoj Kev Sib Tshuam Sab Qab Teb Fresno

Nyob Zoo txog Cov Khub Koom Tes rau Kev Sab Laj Ntawm Cov Chaw Ua Hauj Lwm,

California Feem Hauj Lwm Saib Xyuas Kev Thauj Mus Los (Caltrans) yuav muab daim ntawv teev Qhov Kev Ntsuam Xyuas Txog Kev Ua Raws Cai Rau Qhov Chaw txog PM 2.5 thiab PM 10 rau kev sab laj ntawm cov chaw ua hauj lwm. Lub khoos kas no yog lub khoos kas Txoj Kev Sib Tshuam Sab Qab Teb Fresno SR-99. Peb thov kom Cov Khub Koom Tes rau Kev Sab Laj Ntawm Cov Chaw Ua Hauj Lwm sib cog pom zoo tias lub khoos kas no tsis yog ib "Lub Khoos Kas Uas Muaj Kev Txhawj Xeeb Fab Huab Cua Zoo" (POAQC). Cov lus xam pom rau qhov kev ntsuam xyuas no yuav txwm caij nyoog rau Lub Xya Hli Tim 29, 2020. Peb yuav tsa lub rooj sab laj hauv kev sib hu xov tooj ntawm cov chaw ua hauj lwm yog tias muaj tus thov tuaj.

NEPA daim ntaub ntawv rau lub khoos kas no yog ib qho Kev Ntsuam Xyuas Cheeb Tsam Puag Ncig Li Ib Txwm (23 USC 327). Peb yuav qhib ib Lub Rooj Mloog Zej Tsoom Hais nyob rau ncuaj sij hawm xa Daim Qauv Ntawv Hais Txog Cheeb Tsam Puag Ncig. Peb tau thov kev sib cog pom zoo los ntawm Tsoom Hwv Teb Chaws Lub Loos Kam Saib Xyuas Kev Tshab Lo thiab Lub Chaw Hauj Lwm Tiv Thaiv Cheeb Tsam Puag Ncig lawm.

Thov tiv tauj rau kuv yog tias koj muaj lus nug txog tsab email los sis daim ntawv teev cia no.



**Maya Hildebrand**

Tus Neeg Dhia Dej Num Txog Fab Huab Cua Zoo

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