



DATE: March 9, 2022

TO: Ryan Niblock | San Joaquin Council of Governments

FROM: Jim Damkowitz | DKS Associates
Sean Carney | DKS Associates

SUBJECT: Roth Road Corridor Study-Data Collection Plan

The Purpose of this memo is to summarize the data collection needs for the Roth Road Corridor Study. Previously, the project development team (PDT) approved the project study extents and study locations. That map is attached to this memo. Following the approval of the project study area, DKS reviewed recent studies and coordinated with Fehr & Peers to aggregate previously collected data within the project study area. Table 1 and Table 2 summarizes the data which was available from this review and which data was still missing.

TABLE 1: PROJECT STUDY AREA SEGMENT LOCATIONS

SEGMENT	COUNT AVAILABILITY?	COUNT YEAR	COUNT SOURCE
AIRPORT WAY N/O ROTH RD	No	No Data	No Data
AIRPORT WAY S/O ROTH RD	No	No Data	No Data
ROTH RD W/O AIPIORT WAY	No	No Data	No Data
ROTH RD E/O HARLAN RD	No	No Data	No Data
LATHROP RD W/O SR 99	No	No Data	No Data
LATHROP RD W/O AIRPORT WAY	Yes	2016	Fehr & Peers
LATHROP RD W/O HARLAN RD	Yes	2018	Fehr & Peers
FRENCH CAMP RD W/O SR 99	No	No Data	No Data

TABLE 2: PROJECT STUDY AREA INTERSECTION LOCATIONS

INTERSECTION	COUNT AVAILABILITY?	COUNT YEAR	COUNT SOURCE
FRENCH CAMP & AIRPORT WAY	No	No Data	No Data
LATHROP RD & 5TH ST	No	No Data	No Data
LATHROP RD & CAMBRIDGE DR	No	No Data	No Data
LATHROP RD & D ST	No	No Data	No Data
ROTH RD & UPRR DRWY	No	No Data	No Data
AIRPORT WAY & DAISYWOOD DR	Yes	2021	Fehr & Peers
AIRPORT WAY & LOVELACE RD	Yes	2021	Fehr & Peers
AIRPORT WAY & TACTICAL WAY	Yes	2021	Fehr & Peers
FRENCH CAMP RD & SR 99 NB RAMP/FRONTAGE RD	Yes	2021	Fehr & Peers
FRENCH CAMP RD & SR 99 SB RAMPS	Yes	2021	Fehr & Peers
FRENCH CAMP RD & UNION RD	Yes	2021	Fehr & Peers
LATHROP RD & AIRPORT WAY &	Yes	2021	Fehr & Peers
LATHROP RD & CRESTWOOD AVE/99 FRONTAGE RD	Yes	2021	Fehr & Peers
LATHROP RD & HARLAN RD	Yes	2021	Fehr & Peers
LATHROP RD & I-5 NB RAMPS	Yes	2021	Fehr & Peers
LATHROP RD & I-5 SB RAMPS	Yes	2021	Fehr & Peers
LATHROP RD & MCKINLEY AVE	Yes	2018	Lathrop Traffic Monitoring Program
LATHROP RD & SR-99 NB RAMPS	Yes	2021	Fehr & Peers
LATHROP RD & SR-99 SB RAMPS/MAIN ST	Yes	2021	Fehr & Peers
LATHROP RD & UNION RD	Yes	2021	Fehr & Peers
LOVELACE RD & UNION RD	Yes	2021	Fehr & Peers
ROTH RD & A ST	Yes	2018	Lathrop Traffic Monitoring Program
ROTH RD & AIRPORT WAY	Yes	2021	Fehr & Peers
ROTH RD & FRONTAGE RD	Yes	2018	Lathrop Traffic Monitoring Program
ROTH RD & HARLAN RD	Yes	2018	Lathrop Traffic Monitoring Program
ROTH RD & I-5 NB	Yes	2021	Fehr & Peers
ROTH RD & I-5 SB	Yes	2021	Fehr & Peers
ROTH RD & INTERMODAL WY	Yes	2018	Lathrop Traffic Monitoring Program
ROTH RD & MCKINLEY AVE	Yes	2018	Lathrop Traffic Monitoring Program

NEW DATA COLLECTION

Based on the data which was available, DKS will work with Wiltec to collect counts to cover the data gaps identified in Tables 1 and 2. For intersections, counts will be collected on a Tuesday-Thursday for AM and PM peak periods (7-9AM and 4-6PM). For segment counts, 72 hours of classification data will be collected at the identified locations.

There are a few additional counts which will be collected, budget allowing. These will be used to help scale and balance counts collected in 2018, before many additional developments opened along Roth Road. The locations where new counts will be collected are listed in Table 3

TABLE 3: PROPOSED NEW COUNT LOCATIONS

LOCATION	REASON FOR COUNT
FRENCH CAMP & AIRPORT WAY	New Count
LATHROP RD & 5TH ST	New Count
LATHROP RD & CAMBRIDGE DR	New Count
LATHROP RD & D ST	New Count
ROTH RD & UPRR DRWY	New Count
ROTH RD & HARLAN RD	Scale between 2018 and 2022 counts
ROTH RD & MCKINLEY AVE	Scale between 2018 and 2022 counts
ROTH RD & FLYING J DWY	Major Truck Stop Built since 2018 proximate to rail line
ROTH RD & INTERMODAL WAY	Newly constructed distribution Centers on Intermodal Way since 2018
AIRPORT WAY N/O ROTH RD	New Count
AIRPORT WAY S/O ROTH RD	New Count
ROTH RD W/O AIRPORT WAY	New Count
ROTH RD E/O HARLAN RD	New Count
LATHROP RD W/O SR 99	New Count