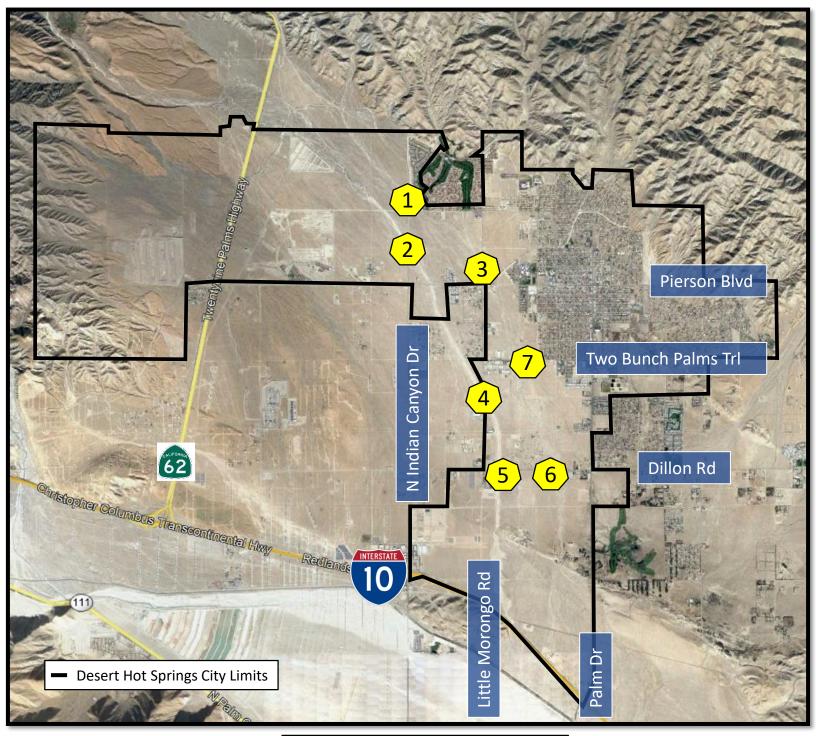
## DHS Bridges Over Water Crossings EXHIBITS

- Exhibit 1 Location of Bridges
- Exhibit 2 Watercourses and Blowsand / Sand Transport areas
- Exhibit 3 Newspaper Article on the February 14, 2019 Rain Event and past Rain Events
- Exhibit 4 Pictures of road closures from past rain events
- Exhibit 5 Site Pictures and Aerials
- Exhibit 6 Preliminary Plans and Estimates from Flood and Blow Sand Risk Assessment and Improvements Plan for Western Coachella Valley, Michael Baker and Associate, November 2020
- Exhibit 7 Capital Improvement Plan
- Exhibit 8 Resolution of City Council in support of DHs Bridges Over Water Crossings Project
- Exhibit 9 Letters of Support
- Exhibit 10 2021 Federal Transportation Improvement Program Project Sheet -RIV 210407

# DHS Bridges Over Water Crossings

Exhibit 1 – Location of Bridges

### DHS Bridges Over Water Crossings Bridge Locations



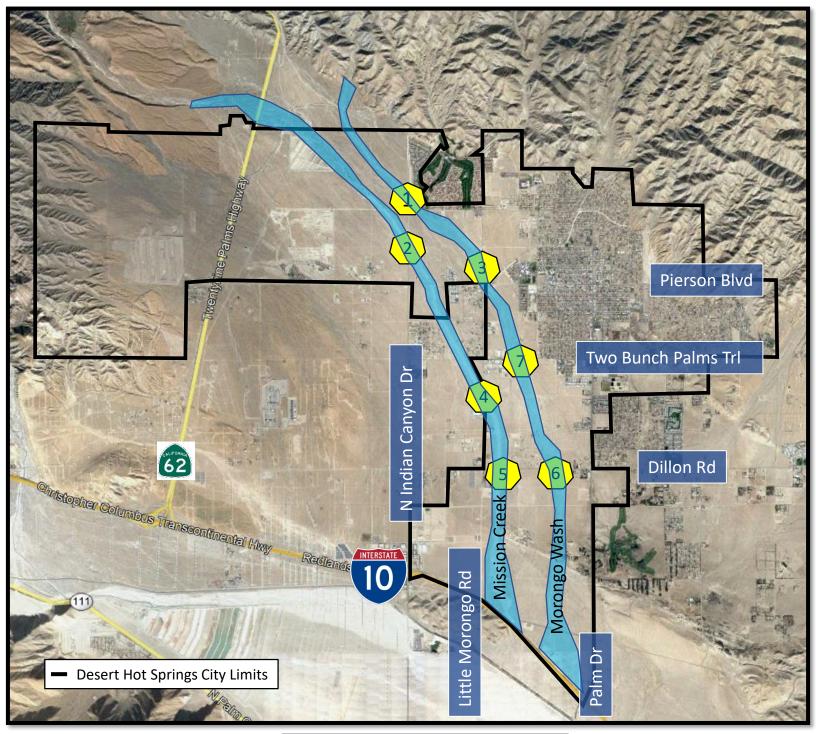
#### DHS Bridge Location and ID

- 1. N Indian Canyon 1 (INCN14)
- 2. N Indian Canyon 2 (INCN13)
- 3. Little Morongo -1 (LM1)
- 4. Little Morongo -2 (LM3)
- 5. Dillon 1 (DLN3-A)
- 6. Dillon -2 (DLN3-B)
- 7. Two Bunch Palms Trl -1 (TBP2)

# DHS Bridges Over Water Crossings

Exhibit 2 – Watercourses and Blowsand Sand Transport areas

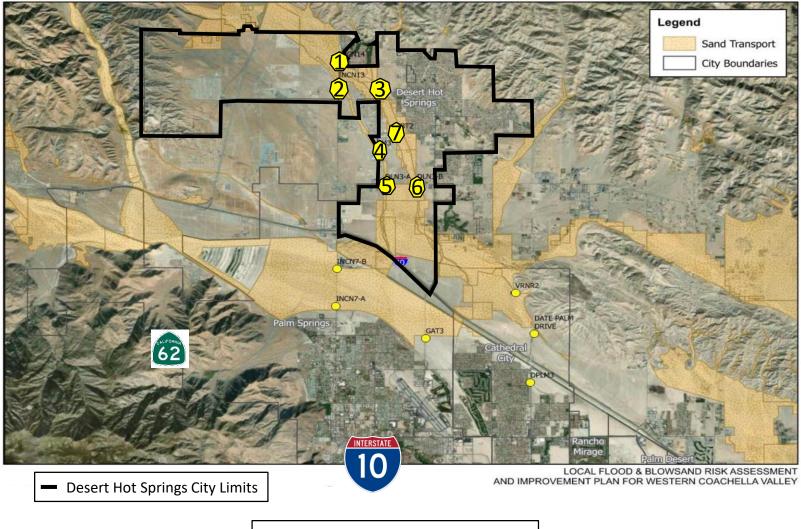
### DHS Bridges Over Water Crossings Major Water Courses (creeks, washes, channels)



#### DHS Bridge Location and ID

- 1. N Indian Canyon 1 (INCN14)
- 2. N Indian Canyon 2 (INCN13)
- 3. Little Morongo -1 (LM1)
- 4. Little Morongo -2 (LM3)
- 5. Dillon 1 (DLN3-A)
- 6. Dillon -2 (DLN3-B)
- 7. Two Bunch Palms Trl -1 (TBP2)

### DHS Bridges Over Water Crossings Blowsand – Sand Transport Areas



#### DHS Bridge Location and ID

- 1. N Indian Canyon 1 (INCN14)
- 2. N Indian Canyon 2 (INCN13)
- 3. Little Morongo -1 (LM1)
- 4. Little Morongo -2 (LM3)
- 5. Dillon 1 (DLN3-A)
- 6. Dillon -2 (DLN3-B)
- 7. Two Bunch Palms Trl -1 (TBP2)

# DHS Bridges Over Water Crossings

Exhibit 3 – Newspaper Article on the February 14, 2019 Rain Event and past Rain Events

### **Desert Sun.**

#### TRAFFIC

### CVAG looks for 'more-practical, lessexpensive solutions' to west valley road closures

**Colin Atagi** Palm Springs Desert Sun Published 1:52 p.m. PT Apr. 8, 2019

Local government officials are beginning the search for quick, but efficient, ways to keep traffic flowing in the west Coachella Valley whenever it is pounded by weather conditions that could impact roads.

The Coachella Valley Association of Governments' Transportation Committee voted in favor Monday of directing staff to find ways to prevent major road closures in the western region, which is often hit hardest during major storms.

Efforts should deviate from multimillion-dollar bridge projects that have been sought previously and CVAG Executive Director Tom Kirk said staff should hopefully find "more-practical, less-expensive solutions."

Possible solutions include low-water crossings that are protected by barriers or projects that help redirect the water flow where the stormwater channels cross a roadway, according to a staff report.

MORE: Palm Springs councilwoman seeks spot on state traffic task force

**MORE:** Whitewater Preserve road probably won't open until September

Discussions have been ongoing for awhile, but solutions became more crucial after a Valentines Day storm pounded the desert and dropped 3.71 inches on Palm Springs in 24 hours.

The storm created floodwaters that shut down roads across Palm Springs, Cathedral City and Desert Hot Springs. They included Highway 111, Farrell Drive, Cathedral Canyon Drive and Avenue 44, and forced commuters to rely on a limited number of roads and endure prolonged traffic delays.

"It kind of crippled this whole area," CVAG Director of Transportation Martin Magaña said during Monday's brief committee meeting.

Desert Hot Springs City Councilman Gary Gardner said American Medical Response data showed the average ambulance transit time from his city extended about 12 minutes the week after the storm due to road closures.

"It would've been quicker to fly people over with medevac," he said during the meeting. "That's a tragedy."

MORE: These are the roads affected by Coachella and Stagecoach

MORE: Palm Springs DMV will be closed six months for renovations

Officials referenced several road closures, but singled out Indian Canyon Drive at the Whitewater Wash, where at least eight closures have been imposed this year.

The road is a major artery linking Palm Springs, Desert Hot Springs and Interstate 10.

Access was blocked for several days after the February storm. Floodwaters left large amounts of silt in the Whitewater Wash and road closures continue on windy days due to limited visibility.

"It's one of the biggest problems we see," Magaña said of the Indian Canyon closures.

Palm Desert City Councilwoman Jan Harnik said an Indian Canyon closure is even more significant because it's a major road to Desert Regional Medical Center, which has the desert's only trauma center. This, she said, is why a solution is integral to people across the Coachella Valley.

Cathedral City Councilman Ray Gregory asked if smaller portions of road also would get attention, specifically mentioning Date Palm Drive, south of I-10. Magaña said yes.

Desert Sun reporter Colin Atagi covers crime, public safety and road and highway safety. He can be reached at Colin.Atagi@desertsun.com or follow him at @tdscolinatagi.

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News

By KESQ News Team Published April 9, 2019 1:36 am

# CVAG searching for solutions to flooding and sand drift road closures

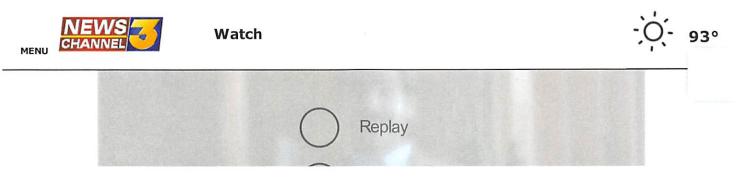
Following February's record rainfall that devestated infrastructure, particularly in the west valley, the Coachella Valley Association of Goverments (CVAG) is renewing a call for solutions that would prevent the closure of major roadways due to flooding or blowing sand.

In a meeting Monday morning, the CVAG Transportation Committee, which is made up of a number officials from multiple cities, approved the recommendation requesting proposals that would provide near-term solutions to this problem.

"As we saw in the valentines day flooding, every road in the western part of the Coachella Valley was closed due to debris and flooding and those roads being washed out," said Palm Springs assistant city manager Marcus Fuller. "We hadn't seen it to that extent."

ADVERTISING

Ad removed. Details



Officials said when roads like N. Indian Canyon Dr. in Palm Springs close, it hits other cities too.

"It does affect the rest of the valley," said Desert Hot Springs councilmember Gary Gardner. "When our traffic is backed up and we have to go all the way around to get in, it jams up everybody in Cathedral City, it jams up people in Palm Desert, it jams up people on the freeway.

He said closing Indian Canyon poses a major risk to neighboring cities who depend on it to access to Desert Regional Medical Center.

Analysis showed the wek before the February flood, the average ambulance transit time was under 21 minutes.

The week following the flood, it jumped up to nearly 33 minutes.

"It would have been quicker to fly people over with medivac," Gardner said.

"(We're) trying to find a short term solution so that we do not have individuals needing to get to a hospital or some other emergency and they're on one side of the wash and the hospital is on the other," said Palm Springs councilmember Lisa Middleton.





Palm Springs was approved, however, for a \$90 million bridge project on Vista Chino, which officials said would help alleviate some of that congestion.

You can reach Jake on Twitter, Facebook or email him at jake.ingrassia@kesq.com.

### **MORE NEWS**



### **Desert Sun.**

**OPINION** This piece expresses the views of its author(s), separate from those of this publication.

### Palm Springs, we can't allow storms to prevent us from getting in and out of town

#### The Desert Sun Editorial Board

Published 11:42 a.m. PT Apr. 12, 2019

As much as we like Los Angeles, we're happy we don't suffer many of its problems.

Like the traffic.

So, we're guessing it was a nasty déjà vu for some L.A. visitors to Palm Springs over our busy Valentine's Day weekend when they hit traffic they probably thought they'd left behind after their last maddening, rush-hour dash on Santa Monica Boulevard, trying to make it across town to catch a beach sunset.

As detailed by Desert Sun reporters Sherry Barkas and Colin Atagi, the traffic jams that resulted from washed-out road closures due to the Feb. 14 storm that dumped nearly 4 inches of rain were the worst many of us had seen in years. And the difficulty people had getting in and out of the city, and even traveling within its limits, certainly couldn't have helped events like tourism-magnet Modernism Week.

Weeks later, with vital routes like Indian Canyon Drive, Gene Autry Trail and Highway 111 repaired and reopened — yet still susceptible to a new layer of flood-deposited and easily airborne silt — it's good to learn that regional officials are investigating how to prevent or at least ease future shutdowns.

The Coachella Valley Association of Governments' Transportation Committee voted this past week to have staff research ways to prevent major road closures in the western Coachella Valley.

We welcome this move.

More: CVAG looks for 'more-practical, less-expensive solutions' to west valley road closures

More: Tired of weather-related road closures in Palm Springs? Solutions could be on the way

**More:** Palm Springs declares local emergency after flooding causes nearly \$1.9 million in damage

CVAG has long had a master list that prioritizes transportation-related projects envisioned across the Coachella Valley. Indian Canyon Drive, which became a dangerous, roaring river during the recent deluge, as it has in past storms, has long been a trouble zone.

The problem with getting it fixed? A North Indian Canyon bridge that would span the Whitewater plain would cost an estimated \$250 million, putting it far down the priority list compared to other work.

"Even with some federal and state funding, the remaining cost to CVAG and the local city, in this case, Palm Springs, would be astronomical. As a result, these big, expensive solutions to flooding have not moved forward," CVAG Director of Transportation Martin Magaña wrote in his report to the committee.

CVAG staff will now look at less ambitious, and less expensive, efforts that can keep traffic moving even as water flows or sand blows across important corridors like Indian Canyon Drive. Among the potential solutions short of an expansive, all-weather bridge: Low-water crossings that are protected by barriers or projects that help redirect the water flow where the stormwater channels cross a roadway.

Those of us who live here and depend on these roads every day hope to see these efforts bear fruit sooner rather than later.

And this isn't just a matter of convenience. As noted by Desert Hot Springs City Councilman Gary Gardner at the CVAG session where the proposal was discussed, American Medical Response data showed the average ambulance transit time to Desert Regional Medical Center from his city extended about 12 minutes the week after the storm due to road closures.

"It would've been quicker to fly people over with medevac," Gardner said. "That's a tragedy."

Chunking apart the massive obstacle that is a flooded Indian Canyon Drive into a route that remains passable, if not perfect, would be a marked improvement over what we have now, which is a connector that has been closed no fewer than eight times so far in 2019 — for anywhere from hours to weeks. Even setting aside the thought of a permanent, "unbreachable" bridge, these frequent closures (and inevitable future ones caused by either rain or wind-blown sand) take their toll on city resources as well as residents.

Ensuring that major arteries remain passable regardless of conditions is key and must be a priority. The Feb. 14 and beyond storm-related closures of Indian Canyon, Gene Autry, Vista

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Chino and Highway 111 — combined with other flood problems on city streets — combined for a perfect congestion storm we must avoid in the future.

A somewhat defeatist tone noted in Palm Springs Assistant City Manager Marcus Fuller's comments on the difficulty in securing funding for such massive bridge projects and obstacles to getting such work approved is disappointing.

Just because they haven't been successful at securing funds for some sizable projects in the past, Fuller and local elected officials should not give up pressuring state and federal agencies for big structural fixes like other parts of our state have received. After all, Riverside County was not only number one in California for population growth last year, we also had the third highest population growth in the entire nation.

Hopefully, this search will yield scaled-down yet effective alternatives that Palm Springs leaders can get behind.

#### Share your ideas

A Desert Sun reader recently suggested looking to World War II-era technology to help solve the problem of washed out roads that bring our area to a standstill.

The Coachella Valley has a history of taking chances and conquering obstacles. Think Francis Crocker and the 30-year, "it can't be done thinking be damned" process and determination that gave us our iconic Palm Springs Aerial Tramway.

What's your idea?

Send it in a letter to the editor (letters@desertsun.com) and we'll put the best ones out there for all to read.

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### **Desert Sun.**

#### WEATHER

### Flooding, closed roads, water rescues, delayed flights: Storm causes Palm Springs' third wettest day

Colin Atagi, Sherry Barkas, Joseph Hong and Daniel Simon Palm Springs Desert Sun Published 8:11 a.m. PT Feb. 14, 2019 | Updated 7:30 a.m. PT Feb. 15, 2019

Over 3 <sup>1</sup>/<sub>2</sub> inches of rain fell Thursday in the Palm Springs area, bringing traffic on the ground to a virtual standstill, prompting at least three swift-water rescues and closing schools early.

Thanks to an "atmospheric river," Thursday was the third-wettest day ever at Palm Springs International Airport, records from the National Weather Service show. Valentine's Day will be remembered as the wettest day in 76 years in Palm Springs. The city officially received 3.69 inches.

Numerous roads were swamped with mud and water, forcing their closure, and at least one important connector route, Highway 243, collapsed due to a sinkhole. Highway 243 links Banning and Idyllwild, and with its closure, motorists must take Highways 97 and 74 on a much longer route.

"Are you floating on water over there?" asked weather service Meteorologist Brandt Maxwell.

"You guys are getting pounded and you can quote me on that," he said just after 4 p.m. "This is pretty exciting stuff. You don't usually get this much."

The all-day heavy rain prompted at least three rescues along roads and washes in the Coachella Valley. The wettest day for the region was recorded on Jan. 23, 1943, when 4.57 inches fell at the airport. On Dec. 10, 1943, almost a year later, the second-wettest day was recorded with 3.80 inches of rainfall. The 10th wettest day was when 2.50 inches fell on July 20, 1979.

In Desert Hot Springs, three people were pulled from a car that went around a road closure sign and became trapped in waters at Two Bunch Palms Trail at Little Morongo Road. No one was injured. In Palm Springs, a man was rescued after being trapped between two palm trees at Mesquite Country Club in Palm Springs. And on Route 111 between Palm Springs and Interstate 10, rescuers had to pull to safety a man trapped in rushing waters.

While the western Coachella Valley saw the worst of the storm, some eastern valley communities including Thermal and Thousand Palms were relatively spared by the downpour.

Thousand Palms received 1.58 inches of rain. The Thermal airport, located about 30 miles east of Palm Springs International Airport, got an inch, according to 48-hour rainfall totals from the weather service that ended at 5 p.m. Thursday.

Cathedral City, Coachella and Indio each received less than 1.7 inches of rain, the weather service said.

The downpour also helped Palm Springs edge closer to its yearly average rainfall of 5.74 inches. In January, Palm Springs received 1.26 inches of rain.

**More:** Swift-water rescues in Palm Springs, Desert Hot Springs after heavy rainfall and flooding

**More:** Flooding, debris reported throughout Yucca Valley and Joshua Tree after heavy rainfall

One of the three school districts in the Coachella Valley, the Palm Springs Unified School District, closed early and had parents pick up their children early when possible. After-school and evening programs, including a science fair, were canceled. Thursday night's Science Fair and STEAM Expo was postponed until Feb. 19 from 5 to 8 p.m. at the Richards Center at Palm Springs High School.

Palm Springs police on Thursday evening lifted voluntary evacuations for Horizon Mobile Home Park, officials said. Flooding in a nearby wash caused potentially hazardous conditions for mobile home park residents. Araby Cove also was under a voluntary evacuation.

The Red Cross is setting up a temporary shelter for those who leave their homes, located at the Palm Springs Pavilion, 401 S. Pavilion Way.

Most mandatory evacuation orders in and near the Holy Fire burn scar were downgraded Thursday night to voluntary evacuation warnings. They include the neighborhoods of Alvarado-A, Alberhill, Glen Eden, Glen Ivy-A, Glen Ivy-B, Grace, Horsethief-A, Horsethief-B, Maitri, McVicker-A, Rice, Amorose, Laguna-A and Withrow-A. Voluntary warnings

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remained in effect for Alvarado-B, Alvarado-C, Lakeside-A, Lakeside-B, Lakeside-C, Laguna-B and McVicker-B.

More than 1,700 Southern California Edison customers lost power at some point during the day Thursday, but it wasn't clear whether the rain was the sole cause of the outages.

The Palm Springs airport remained open through the day, though some airline cancellations and delays due to weather related visibility were reported, airport Executive Director Thomas Nolan said.

At least one flight had to be diverted from Palm Springs. Flair Air Flight 855 from Edmonton, Canada, was scheduled to arrive at 9 a.m. but was diverted to Las Vegas, where it arrived at 11:40 a.m., according to Flight Tracker.

Many roads throughout the Coachella Valley were closed as waters rushed through washes and swept down avenues and streets. During the day, some areas experienced a quarter-inch of rainfall per hour, contributing to the mess.

**Events canceled, road closures:** Heavy rain brings flooding to valley: A list of closed roads, canceled events

**Desert X scavenger hunt:** Water officials warn Desert Xers to stay away from 'dangerous,' prohibited site during rain

Among the roads closed were, some of which will remain shut down for the near future, Highway 111 between Interstate 10 and Palm Springs was closed due to a mud slide; North Gene Autry Trail between I-10 and Via Escuela was closed; South Palm Canyon Drive at Murray Canyon was closed; North Indian Canyon Drive was closed north of Tramview Road; South Farrell Drive South of Ramon Road was closed; South El Cielo Drive south of Ramon Road was closed; Golf Club Drive was closed at Tahquitz Creek; Baristo Road at South Indian Canyon Drive was closed; East Vista Chino between North Gene Autry Trail and Cathedral City was closed; and Araby Drive at the wash was closed.

Frank Sinatra Drive and Country Club Drive were closed at the Whitewater wash in Rancho Mirage.

Cathedral Canyon at the wash and Los Gatos at Date Palm Drive were closed in Cathedral City and Highway 74 at Apple Canyon was closed on both sides of Herkey Creek. Further, Caltrans said Highway 74 was closed from Lake Hemet to Valle Vista due to road loss. In Indian Wells, Fred Waring Drive was closed in both directions from Cook Street to Eldorado Drive.

In La Quinta, Dune Palms Road was closed from Westward Ho Drive to Highway 111.

The Palm Springs Aerial Tramway closed on Thursday and planned to remain closed on Friday. The SilverRock golf course also was closed Thursday due to standing water.

The rainfall began to ease shortly before 5 p.m. Thursday, but the weather service said flooding could continue for several days as water spills down from the surrounding mountains.

**From another rain storm:** High Desert recovering from storm after man swept away in flood water in Yucca Valley

**Road repairs:** How Box Canyon Road looks after getting 'worst' storm damage in recent history

Residents in more than a dozen neighborhoods in the Holy Fire burn area, including Alvarado A, Alvarado B, McVicker B, Lakeside A, Laguna B, near the Holy Fire burn scar remained under evacuation warnings on Thursday. But those living in the Amarose, Alberhill, Glen Eden, Glen Ivy A, Glen Ivy B, Grace, Horsethief A, Horsethief B, Laguna A, Maitri, McVicker A, Rice and Withrow A were urged to follow a mandatory evacuation order.

The storm impacted most of Southern California. It was borne from an "atmospheric river" flowing down from Alaska that bombarded Northern California with record snowfall on Wednesday. When that river collided with a stream of warm, moist air originating near Hawaii in the Pacific, the one-two punch resulted in record rainfall.

The National Oceanic and Atmospheric Administration defines atmospheric rivers this way: "Atmospheric rivers are ... like rivers in the sky" that carry most of the water vapor outside of the tropics. "These columns of vapor move with the weather, carrying an amount of water vapor roughly equivalent to the average flow of water at the mouth of the Mississippi River." Once the river flows over land, they "often release this water vapor in the form of rain or snow."

The Riverside County Sheriff's Department reminded motorists that if they come to a flooded or closed roadway, to find an alternate route. "Do not drive past barricades if streets are flooded," the prepared statement said. "Turn around, don't drown."

,Information from City News Service was used in this report.

### **Desert Sun.**

#### WEATHER

# Heavy rain causes flooding, closes valley roads

Corinne S Kennedy The Desert Sun Published 3:03 p.m. PT Jan. 22, 2017 | Updated 8:41 p.m. PT Jan. 22, 2017

The National Weather Service issued a flash flood warning for Riverside County, including the Coachella Valley, Sunday afternoon. The warning was set to expire at 11:30 p.m., after being extended twice.

An additional flash flood watch, covering most of Southern California, will be in effect until about 10 p.m. Monday. Residents were advised to avoid flooded areas and not to drive through flooded road sections.

Many took that advice and typically crowded shopping centers around the valley were noticeably less crowded as the rain picked up in the afternoon.

Drivers that were out moved slowly down normally high-speed thoroughfares like Gene Autry Trail and Highway 111, kicking up large sprays of water in their wakes.

READ MORE: Obama remembers 'one of the best parts of the job' on second day of vacation

At the intersection of E. Palm Canyon and Golf Club drives, traffic slowed to a crawl as both east and west bound lanes were completely flooded and drivers were forced to drive in the center turn lanes to navigate through the intersection.

NWS said rainfall rates of up to three quarters of an inch per hour until 5 p.m. were possible. This high volume of rain could potentially result in urban and small stream flooding, an alert warned. NWS also warned there was a chance of debris flows, consisting of rocks, mud and plants, and landslides.

Palm Springs International Airport saw 1.21 inches of rain from midnight to 7 p.m. Sunday.

The renewed rainfall comes after a one-day lull in what has been a series of wet weeks for the area, helping ease the state's five-year drought.

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#### READ MORE: As drought eases, what's next for California's water strategy?

Heavy rain on Friday forced a plane carrying Barack and Michelle Obama to land at March Air Reserve Base near Riverside and closed multiple roads.

In Palm Springs, N. Palm Canyon Drive, N. Indian Canyon Drive, Araby Road and Gene Autry Trail were all closed at the wash Friday and remained closed through Sunday. Sunday evening after hours of heavy rain, Golf Club Drive was also closed at the wash.

In Cathedral City, flooding also closed Cathedral Canyon Drive at the wash and Vista Chino between Palm Springs and Cathedral City.

NWS also issued a winter weather warning for the mountains around the valley, predicting strong winds and heavy snowfall until 6 p.m. Monday, at elevations above 4,000 feet.

Peaks above that threshold were expected to receive more than 2 inches of snow. Elevations above 6,000 feet were expected to receive 10 to 20 inches of snow and areas above 7,000 feet were expected to receive more than 2 feet of snow.

NWS forecasts predicted the rain will continue through Monday and into Tuesday before a high pressure system moves in Wednesday bringing warmer, drier weather with it.

This story will be updated as more information becomes available.

### **Desert Sun.**

#### TRAFFIC

### Tired of weather-related road closures in Palm Springs? Solutions could be on the way

Sherry Barkas Palm Springs Desert Sun Published 9:18 a.m. PT Apr. 5, 2019 | Updated 3:27 p.m. PT Apr. 5, 2019

If you were among the thousands of motorists caught in traffic gridlock that made drives from one city to another take hours rather than minutes after major roads were washed away in a historic Valentine's Day storm, relief may soon be on the way.

Finding an immediate solution to curb the flooding and sand drifts that routinely close Palm Springs' North Indian Canyon Drive and other major roadways will be considered Monday by the Coachella Valley Association of Governments Transportation Committee.

During the Valentine's Day storm, Indian Canyon, Gene Autry Trail, Vista Chino and others that connect Palm Springs, Desert Hot Springs and other communities with Interstate 10 were cut off by rapids flowing along the Whitewater Wash.

CVAG Executive Director Tom Kirk will ask the committee — made up of elected representatives of each of the Coachella Valley's nine cities and Riverside County — to request proposals for development of a plan outlining options for short-term solutions.

The meeting starts at 11 a.m. at the CVAG office, 73710 Fred Waring Drive, Suite 110, Palm Desert.

Possible solutions include low-water crossings that are protected by barriers or projects that help redirect the water flow where the stormwater channels cross a roadway, CVAG Director of Transportation Martin Magaña wrote in a staff report to the Transportation Committee.

"Smaller projects in key locations may limit the total costs, making it affordable enough for participating communities to construct improvements sooner than later," Magaña said. "Solutions will need to address the importance of retaining blow-sand habitat for plant and animal species in designated conservation areas under the Coachella Valley Multiple Species Habitat Conservation Plan."

North Indian Canyon Drive has been closed at least eight times in 2019 for periods ranging from a few hours to weeks.

Most significant was the Feb. 14 storm that delivered a record 3.71 inches of rainfall over 24 hours to Palm Springs. It washed out a section of Highway 111 and forced the closure of major roadways throughout the Coachella Valley that cross the Whitewater Wash.

The closures created traffic backups mimicking commuter time tie-ups on Los Angeles freeways as people tried to make their way from one end of the valley to the other with limited access to I-10. Damage in Palm Springs alone has been estimated at \$1.9 million.

"Travelers were faced with detours and traffic jams making it difficult to reach their destinations," Magaña wrote.

Flooding was particularly damaging in the western part of the Coachella Valley, where residents of Palm Springs and Desert Hot Springs couldn't access I-10 without traveling miles out of the way.

"North Indian Canyon Drive provides a direct route from Desert Hot Springs and high-desert communities to Desert Regional Medical Center in Palm Springs, the only emergency trauma center in the Coachella Valley," Magaña said.

"Having to detour roadways to get to this facility during a storm event can be a matter of life or death," he said, pointing out that Highway 111 was also closed near Windy Point, where it was washed out due to flooding.

"Highway 111 is a major business route into the entire Coachella Valley," Magaña added.

Public safety and air quality are also compromised by major wind events that close the roadways with blow-sand that fills the air with dust and reduces visibility, making it difficult to travel, he said.

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Indian Canyon carries the brunt of wind storms, Palm Springs Assistant City Manager Marcus Fuller told The Desert Sun last month.

"Any time the winds kick up 10 or 15 mph, it starts blowing that layer of dust off the Whitewater River," Fuller said.

There are a host of projects on the horizon valleywide to build bridges over the Whitewater Wash in areas of routine flooding, including Cathedral Canyon Drive in Cathedral City, Dune Palms Road in La Quinta and Frank Sinatra Drive in Rancho Mirage.

"However, there are high costs associated with some of the most ambitious bridge projects," Magaña said.

A North Indian Canyon bridge across the Whitewater floodplain is estimated to cost \$250 million, he said.

"Even with some federal and state funding, the remaining cost to CVAG and the local city, in this case, Palm Springs, would be astronomical. As a result, these big, expensive solutions to flooding have not moved forward," Magaña said.

Fuller has said that a bridge likely wasn't developed years ago because it wasn't necessary for a population that was significantly smaller than the one that exists today.

**More:** Indian Canyon, Hwy. 74, Hwy. 62 reopen: Snow in mountains confound motorists, but crews dig out motorists

**More:** Flooding, closed roads, water rescues, delayed flights: Storm causes Palm Springs' third wettest day

More: Whitewater Preserve faces monthslong closure after storm wipes out sections of road

In addition to a lack of funding, regulations designed to minimize impact to the local habitat have also created obstacles, Fuller said.

The most recent closure on North Indian Canyon came last week when a 3-foot sand embankment formed during a windstorm, causing the city to shut a stretch of roadway between Tramview Road and I-10 for several hours.

While the portion of North Indian Canyon typically affected by weather fronts is the responsibility of the city of Palm Springs to fix, CVAG has the authority to oversee the regional transportation network and is a major funding partner in such projects, said Erica Felci, governmental projects manager for CVAG.

CVAG has also reached out to the cities of Palm Springs, Desert Hot Springs and Cathedral City to discuss the impacts of the recent flooding and find near-term solutions.

Desert Hot Springs is aware of the effort by CVAG and in full support, city spokeswoman ,Doria Wilms said.

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"I hadn't seen the item from CVAG yet, but I am pleased that CVAG wants to pursue solutions to this regional problem," Fuller said Thursday. "Although these roads are in Palm Springs, it is a regional issue of providing all-weather access and as noted the cost for these all-weather crossings are new bridges at \$250 million each."

The city hasn't quantified the economic impact to Palm Springs and the western Coachella Valley when North Indian Canyon, Gene Autry Trail, Highway 111 and other roads are shut down, "but we know it's a significant impact," Fuller said.

The city has done all it can to pursue federal and state funding for bridges on Indian Canyon, Gene Autry and Vista Chino and has been successful in obtaining a \$90 million grant for a new Vista Chino bridge, he said.

"But the state of California is not approving any more grants for new bridges despite our efforts to obtain one for Indian Canyon," Fuller said.

The Transportation Committee's recommendation would go to the Executive Committee — made up mostly of the valley's mayors and Riverside County supervisors — for approval, likely at its April 29 meeting.

A request for proposals would then be issued and Kirk would return with recommended next steps in the fall.

Desert Sun reporter Colin Atagi contributed to this report.

Desert Sun reporter Sherry Barkas covers the cities of La Quinta, Indian Wells, Rancho Mirage and Palm Desert. She can be reached at sherry.barkas@thedesertsun.com or (760) 778-4694. Follow her on Twitter @TDSsherry

### **Desert Sun.**

#### WEATHER

### 5 people rescued from floodwaters in Palm Springs, Desert Hot Springs after heavy rainfall

Nicole Hayden, Shane Newell and Sherry Barkas Palm Springs Desert Sun Published 2:17 p.m. PT Feb. 14, 2019 | Updated 11:47 a.m. PT Feb. 15, 2019

Five people were rescued after being trapped by floodwaters in Palm Springs and Desert Hot Springs Thursday.

One man was rescued off Highway 111 near Chino Canyon in Palm Springs. A Palm Springs Fire Department truck arrived around 3 p.m. A department spokesman said the person was rescued and the scene had been cleared at 4:50 p.m., but couldn't offer more details because he wasn't authorized to speak to media yet.

At 3:30 p.m., another man was rescued at Mesquite Country Club in Palm Springs after he was stranded between two palm trees.

About a dozen people stood on the golf course with umbrellas and watched as a five-member water rescue team prepared for the rescue with an inflatable boat. The man was about 100 feet from the boat.

The team threw a rope to the man at least five times. At one point, he was able to grab it, and they slid him a vest and helmet. They reached within 10 feet on the boat, but then had to pull back to shore. They successfully got him into the boat at 3:30 p.m.

Local authorities escorted him away in a blanket. He was soaking wet, wearing shorts, a sweatshirt and tennis shoes.

Ten minutes after the man was rescued, a palm tree that crews had tied the boat to fell into the floodwaters.

Earlier, three people were rescued uninjured from a vehicle stuck in water at Two Bunch Palms Trail and Little Morongo Road in Desert Hot Springs. Cal Fire was called at 1:13 p.m. and by 2:10 p.m. the vehicle's occupants were freed, a fire department spokeswoman said.

Desert Hot Springs police Chief Dale Mondary reminded residents that "valuable resources" had to be used to rescue stranded motorists because the driver "drove around a road closed sign." He warned that motorists driving around barricades will be cited "and potentially arrested" if someone is injured as a result.

More: Heavy rain brings flooding to valley: A list of closed roads, canceled events

**More:** Flooding, debris reported throughout Yucca Valley and Joshua Tree after heavy rainfall

**More:** Palm Springs schools ask parents to pick up kids as area hit with immense rain; flights delayed

This story will be updated as information is available.

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# DHS Bridges Over Water Crossings

Exhibit 4 – Pictures of road closures at low water crossings from past rain events

## DHS Bridges Over Water Crossings Rain Event – February 14, 2019





Dillon Rd at Morongo Wash



N Indian Canyon Dr at Mission Creek



Little Morongo Rd at Mission Creek

## DHS Bridges Over Water Crossings Rain Event – December 22, 2010





Dillon Rd at Morongo Wash





N Indian Canyon Dr at Mission Creek



Little Morongo Rd at Mission Creek

# DHS Bridges Over Water Crossings

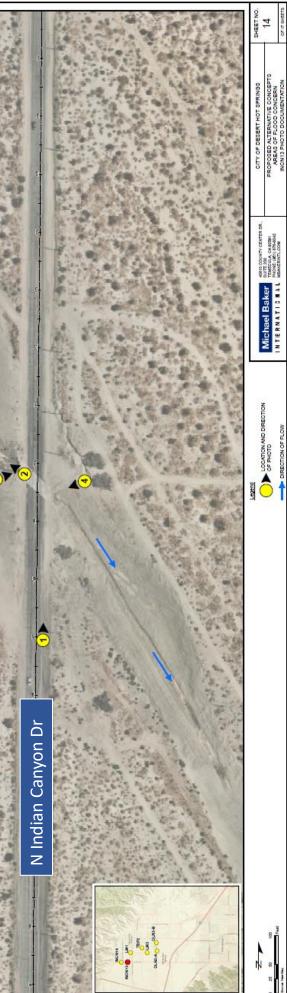
Exhibit 5 – Site Pictures and Aerials

# 1. N Indian Canyon Dr – 1 (INCN14)

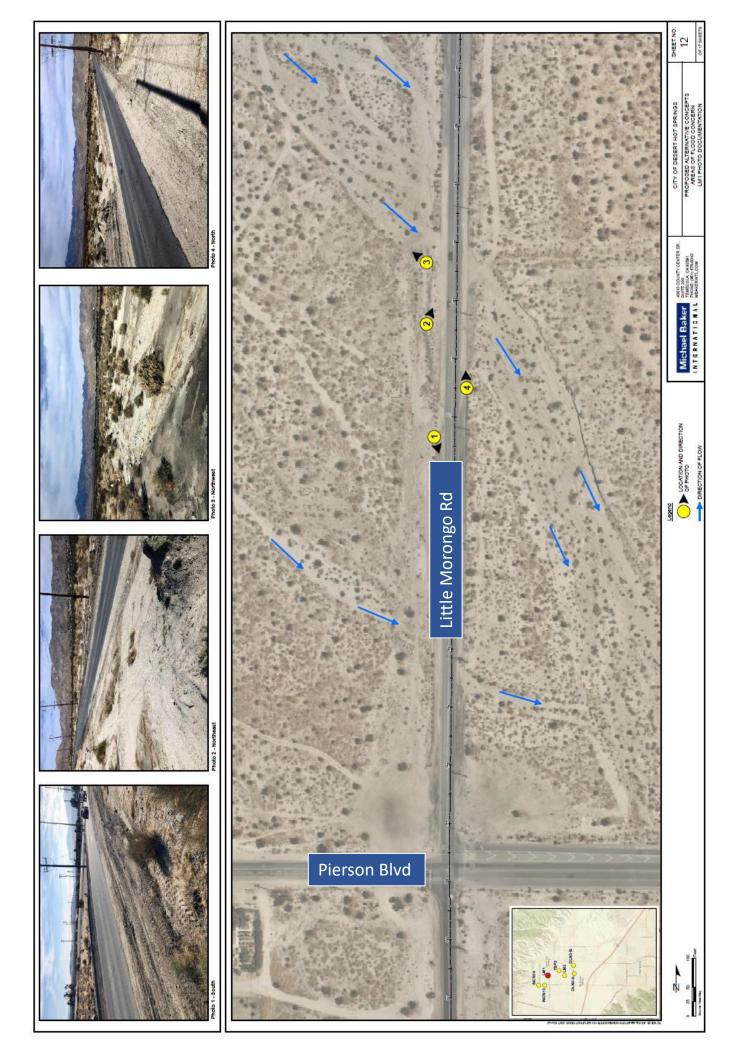


# 2. N Indian Canyon Dr – 2 (INCN13)

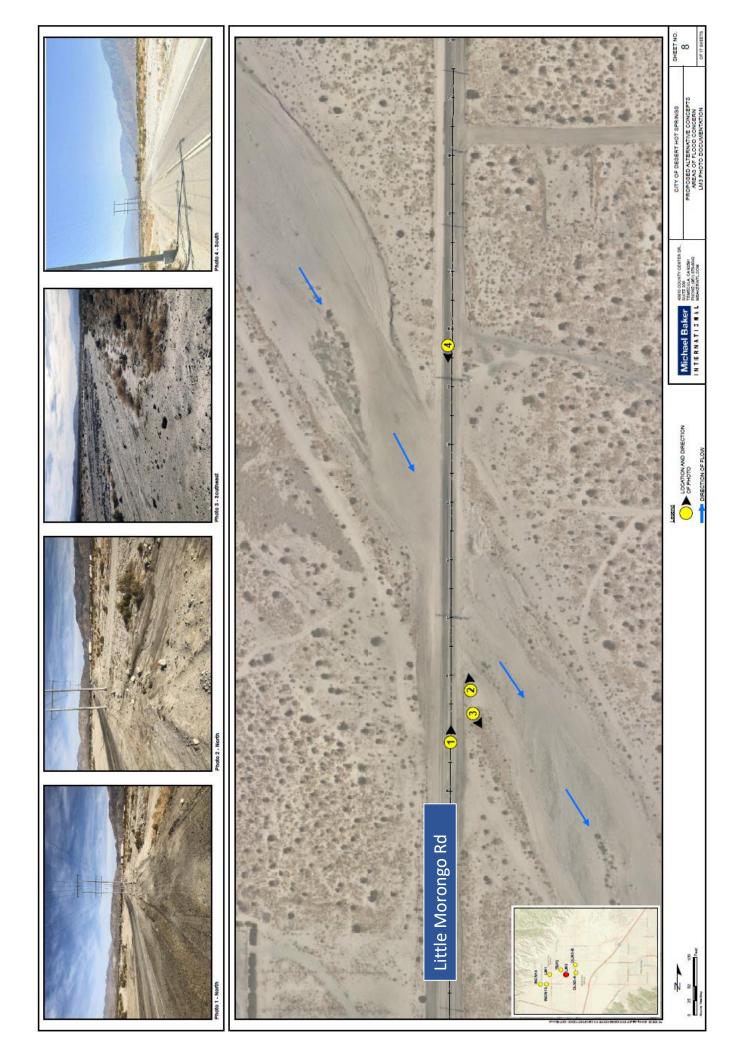




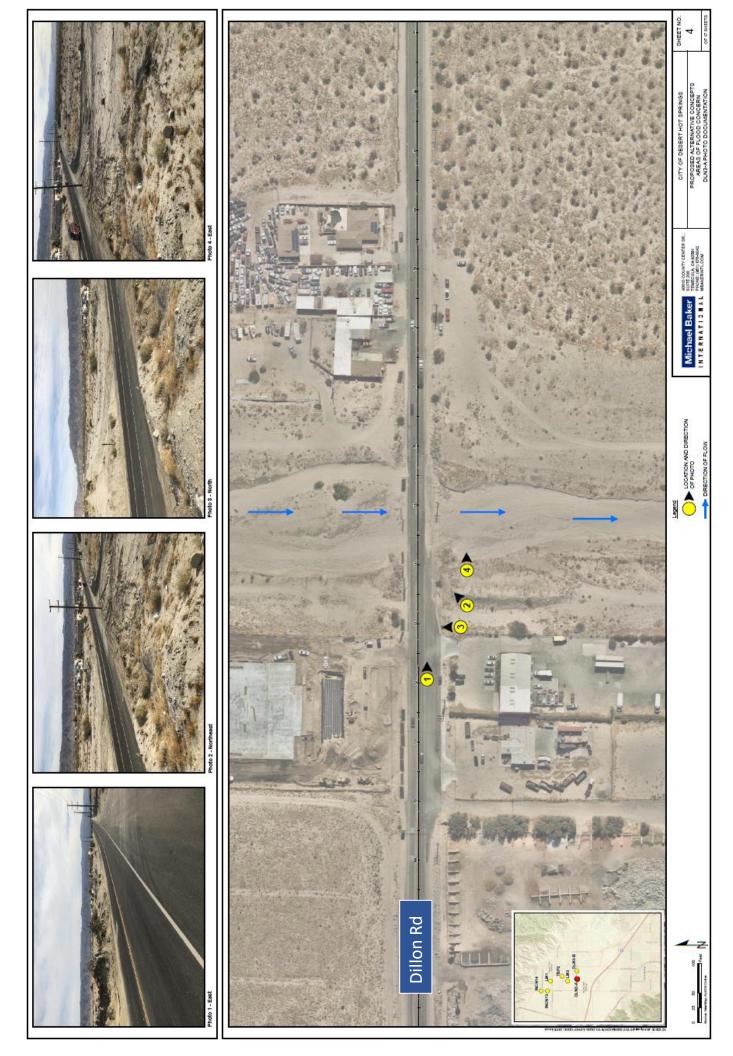
# 3. Little Morongo – 1 (LM1)



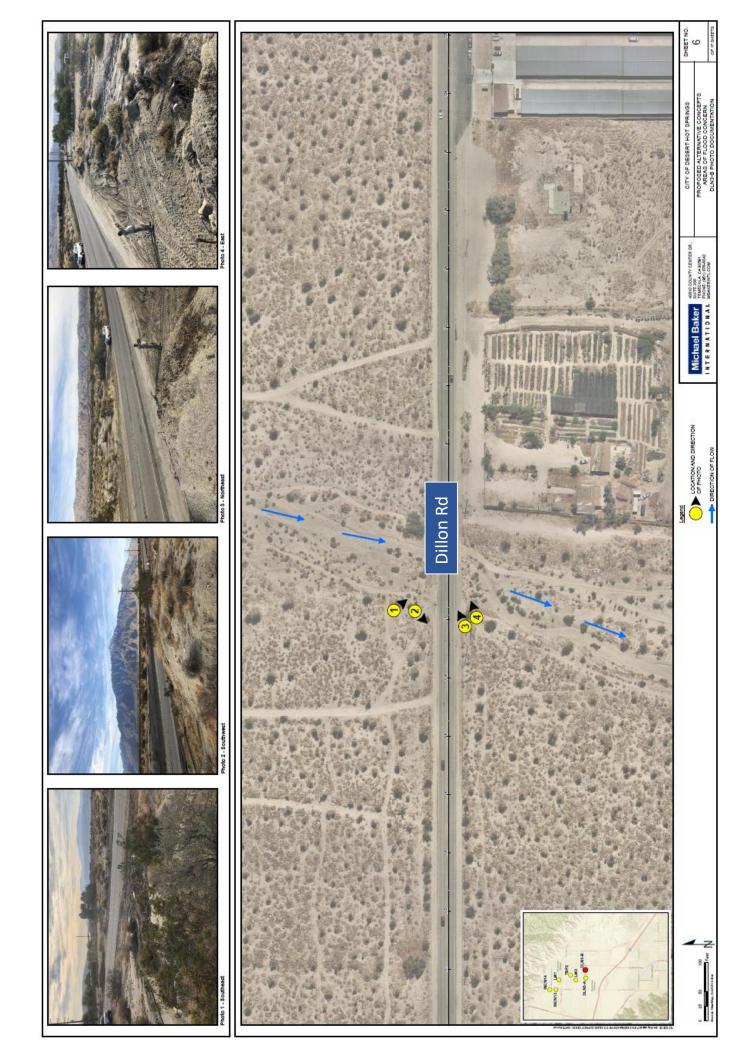
# 4. Little Morongo – 2 (LM2)



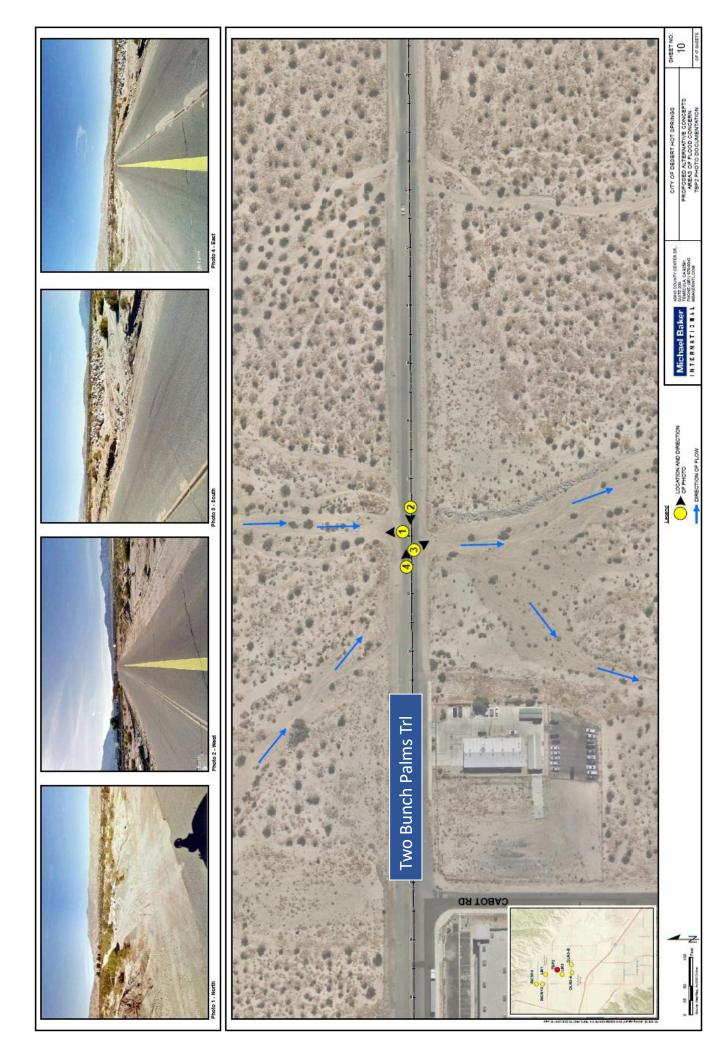
# 5. Dillon Rd – 1 (DLN3-A)



# 6. Dillon Rd – 2 (DLN3-B)



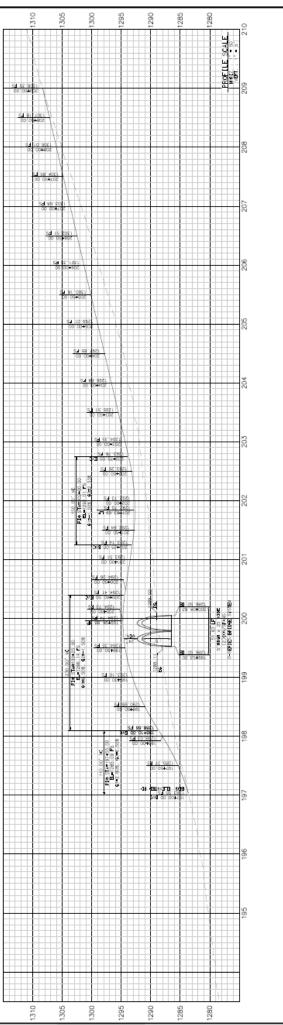
# 7. Two Bunch Palms Trl - 1 (TBP2)

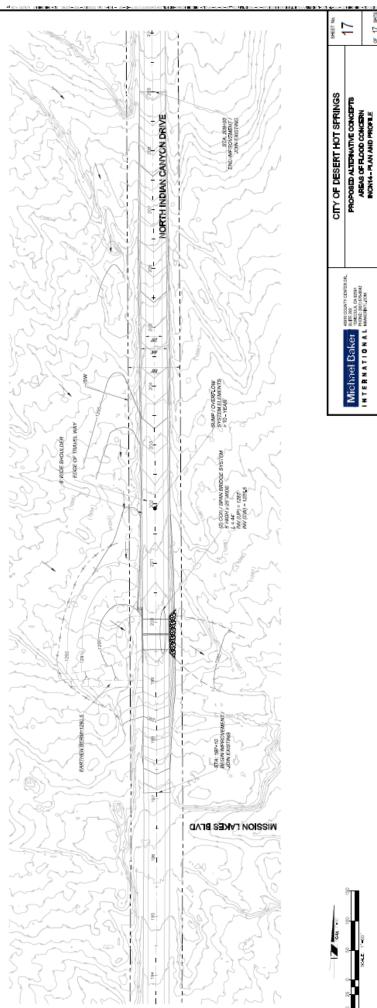


# DHS Bridges Over Water Crossings

Exhibit 6 – Preliminary Plans and Estimates from Flood and Blow Sand Risk Assessment and Improvements Plan for Western Coachella Valley, Michael Baker and Associate, November 2020

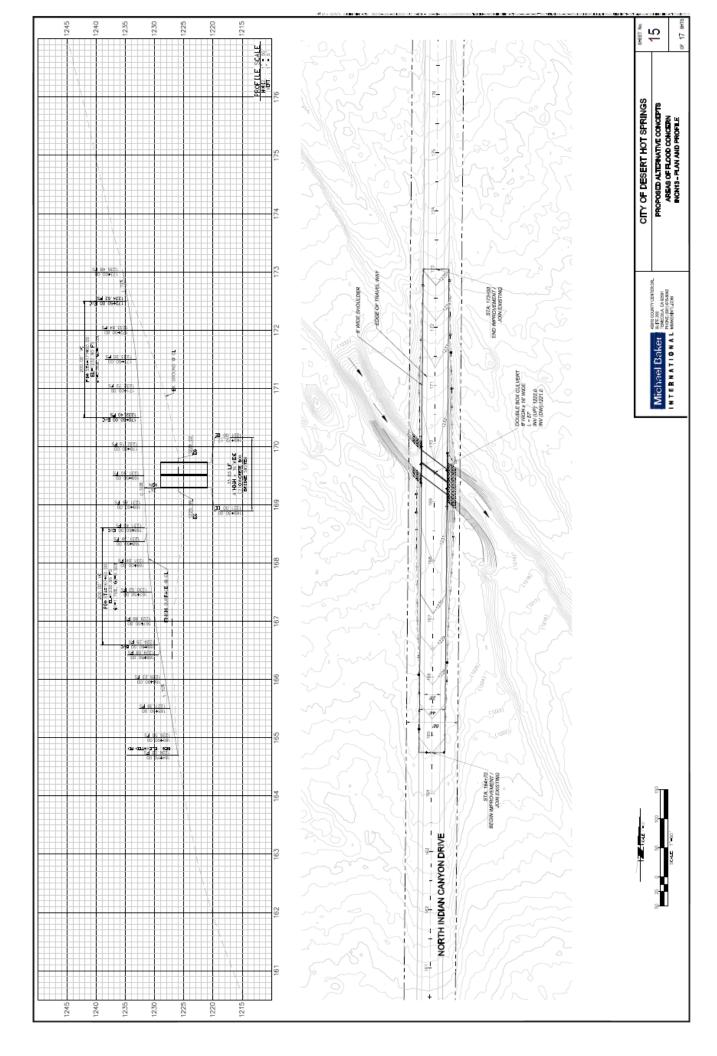
# 1. N Indian Canyon Dr – 1 (INCN14)



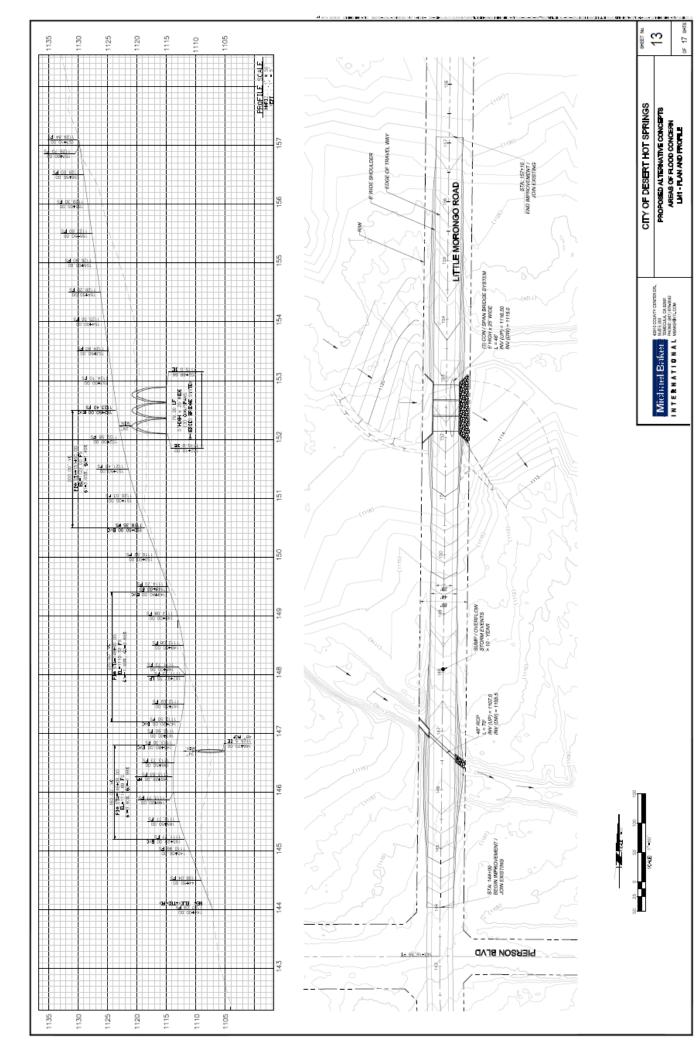


17 arms

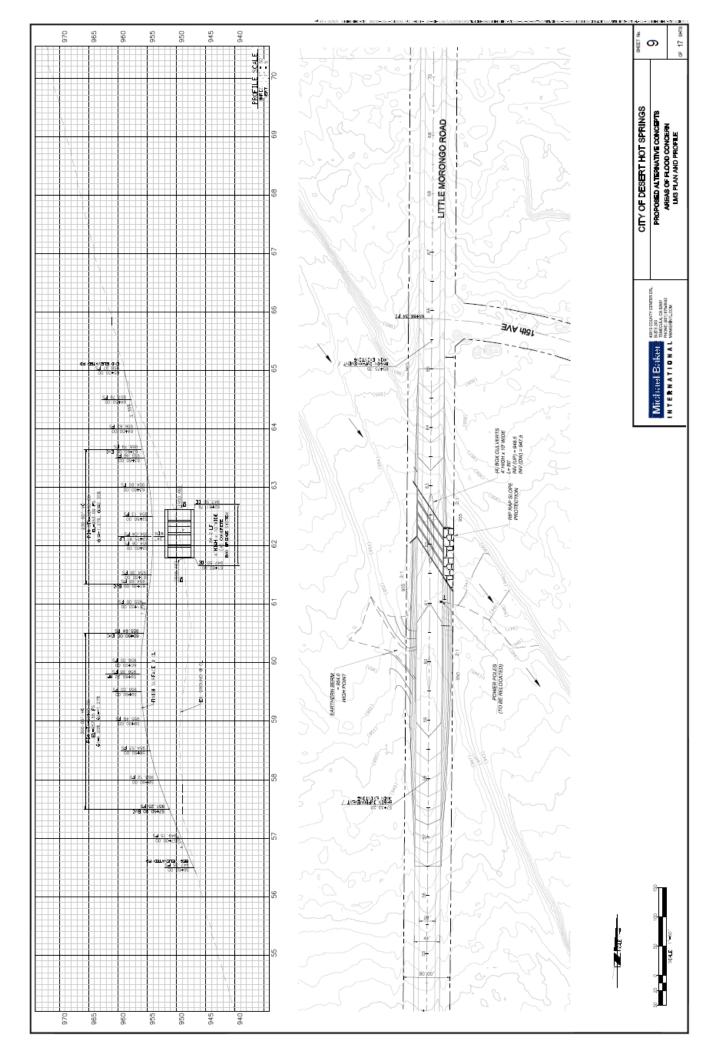
# 2. N Indian Canyon Dr – 2 (INCN13)



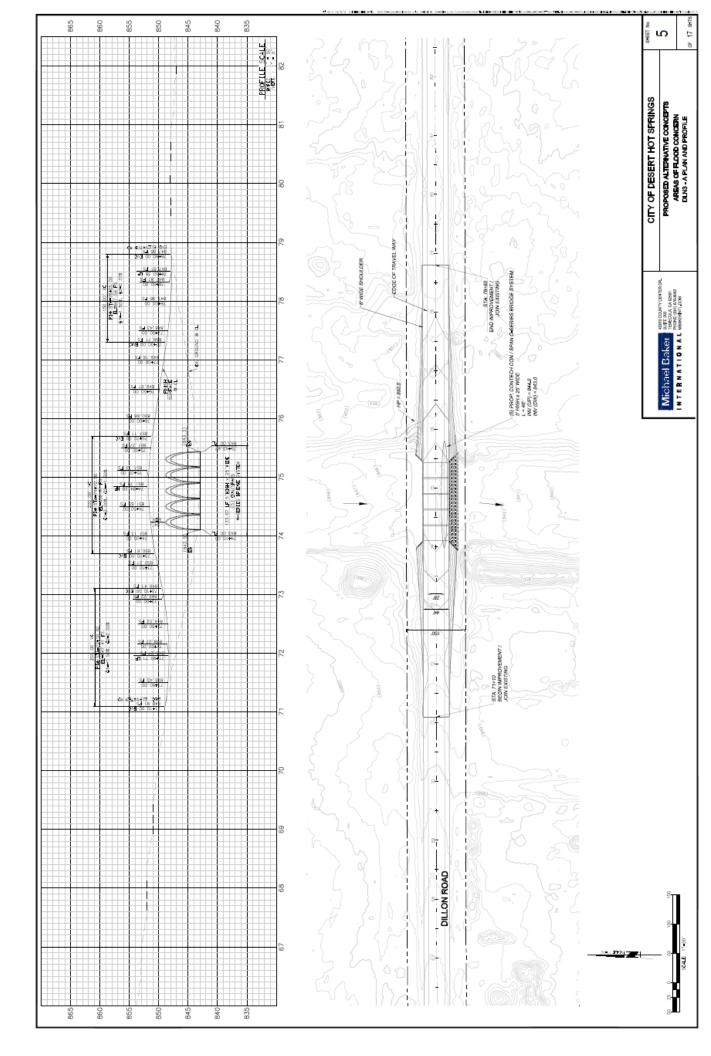
# 3. Little Morongo – 1 (LM1)



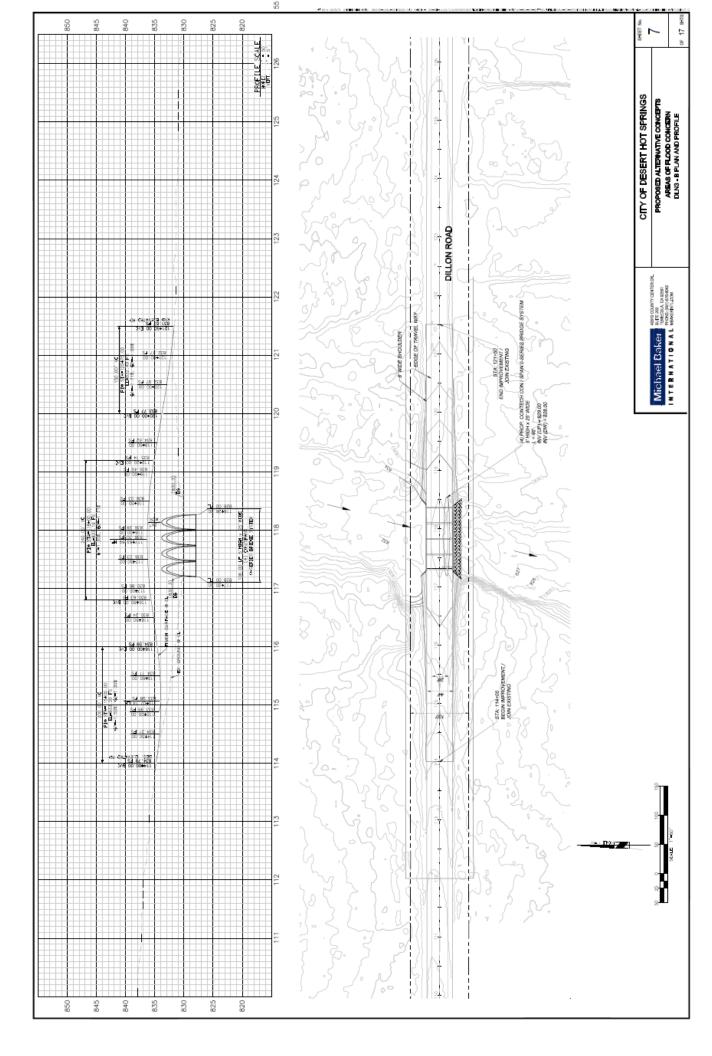
4. Little Morongo – 2 (LM2)



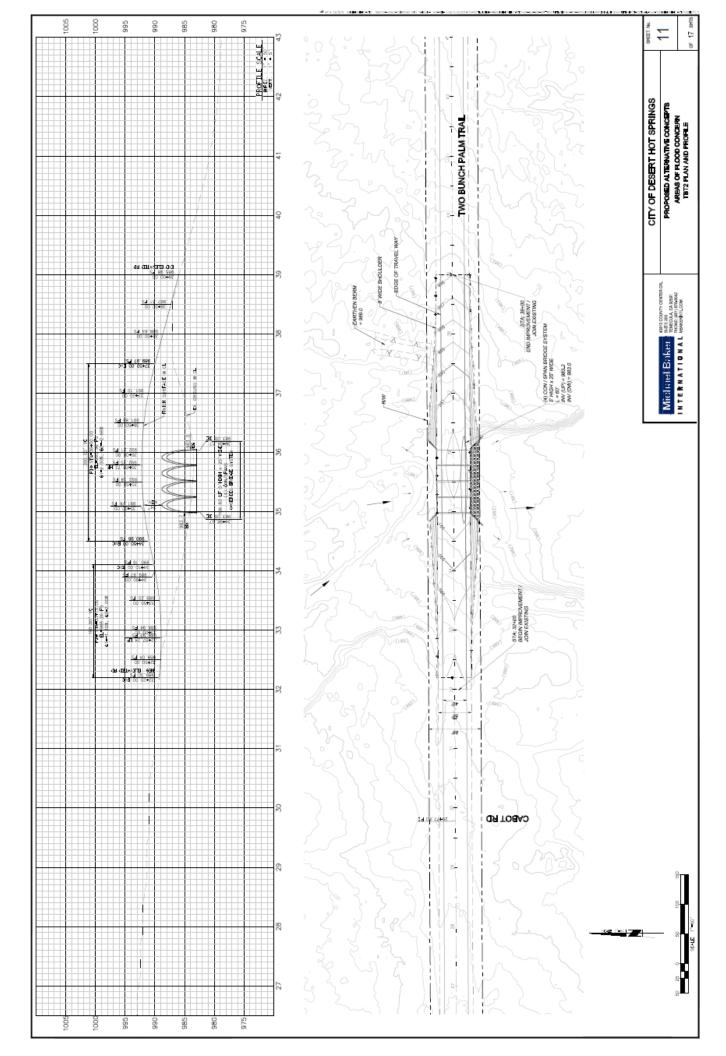
# 5. Dillon Rd – 1 (DLN3-A)



# 6. Dillon Rd – 2 (DLN3-B)



# 7. Two Bunch Palms Trl - 1 (TBP2)



## DHS Bridges Over Water Crossings Estimates

Description	Total	Funding Source	Status
Indian Canyon 1	\$ 1,797,000.00		
Indian Canyon 2	\$ 1,383,000.00		
Dillon Road 1	\$ 2,848,000.00		
Dillon Road 2	\$ 2,359,000.00		
Little Morongo 1	\$ 2,786,000.00		
Little Morongo 2	\$ 1,837,000.00		
Two Bunch Palms Trail	\$ 3,565,000.00		
<b>Construction Total</b>	\$ 16,575,000.00		
Description	Total	Funding Source	Status
Planning	\$ 1,657,500.00	Local / Regional Funding	In Progress
Design	\$ 1,657,500.00	Federal	
Environmental	\$ 1,657,500.00	Federal	
Construction	\$ 16,575,000.00	Federal	
Grand Total	\$ 21,547,500.00		
Total Federal Funding	\$ 19,890,000.00		

# DHS Bridges Over Water Crossings

Exhibit 7 – Capital Improvement Plan

PROJECT			DESCRIPTION	DESIGN	CONSTRUCTION	INSPECTION	Utility Fees	TOTAL	TOTAL PER ADMIN FUND FEE	2019-2020 TOTAL	TOTAL PER FUND	ADMIN 2020-2021 FEE TOTAL	TOTAL PER FUND ADMIN FEE	2021-2022 TOTAL	TOTAL PER FUND	ADMIN 2022-2023 FEE TOTAL	TOTAL PER ADMIN FUND FEE		FUNDING SOURCE
	STREETS AND CIRCULATION																		
2019-13	Palm Drive Entryway - Phase II	COMPLETED FY 19-20	Extension of Center Median and Landscape Improvements		\$224,950	0		\$224,950	\$224,950 \$17,996	\$242,946									CHANGE TO DIF STREETS- ST-40
					000.000				000.000 00.000										
	Additional City Signage	COMPLETED FY 19-20	New Way-finding Signs		\$30,000	,		\$30,000	\$30,000 \$2,400	\$32,400									GENERAL FUND
2019-15	Speed Humps (2)	COMPLETED FY 19-20			\$10,600			\$10,600	\$10,600 \$848	\$11,448									Measure A
2019-07	Replace Stree Name Signs at Traffic Signals	COMPLETED FY 19-20	New StreetName Signs Phase 2		\$83,498	3		\$83,498	\$83,498 \$6,680	\$90,178									Measure A
	Desert View Sidewalk South Design and Construction	COMPLETE IN FY 19-20	New Sidewalks, Curb and Gutter, ADA Driveways, AC Repairs	\$45,000	\$741,331	1 \$45,000		\$831,331	\$440,600 \$35,248	\$475,848	-							-	DIF Streets/Traffic Signals/Bridges
2017-19	Desert View Sidewalk South Design and Construction	COMPLETE IN FY 19-20	New Sidewalks, Curb and Gutter, ADA Driveways, AC Repairs	940,000	¢141,001			6001,001	\$100,000	\$100,000									SB1 Funding
	Desert View Sidewalk South Design and Construction	COMPLETE IN FY 19-20	New Sidewalks, Curb and Gutter, ADA Driveways, AC Repairs					6024 224	\$293,000	\$293,000 \$868,848									SB 821 Funding
	Total Project Funding							\$831,331	\$833,600 \$35,248	\$000,040									
2018-08	Palm Drive Camino Aventura Traffic Signal - Phase I	COMPLETE IN FY 18-19	New Traffic Signal		\$404,797	7		\$404,797	\$303,598 \$0	\$303,598									CVAG 2017 Funding = 75%
2010-00	Palm Drive Camino Aventura Traffic Signal - Phase I Total Project Funding	COMPLETE IN FY 18-19 COMPLETE IN FY 18-19	New Traffic Signal					\$404,797	\$101,199 \$8,096 \$404,797 \$8,096	\$109,295 \$412,893									DIF Streets/Traffic Signals/Bridges = remaining amou
2019-10	Palm Drive - Desert View and Pierson -Cholla - Traffic Signals - Phase II	COMPLETED FY 2020-21	New Traffic Signals		\$670,048	\$75,000		\$745,048	\$558,786	\$558,786	*about half of expense	9							CVAG 2017 Funding = 75%
2010 10	Palm Drive - Desert View and Pierson -Cholla - Traffic Signals - Phase II Total Project Funding	COMPLETED FY 2020-21	New Traffic Signals					\$745,048	\$186,262 \$14,901 \$745,048 \$14,901	\$201,163 \$759,948									DIF Streets/Traffic Signals/Bridges ST 06
[																			
	Palm Drive Bicycle Pedestrian Improvement - ATP Cycle 3	COMPLETED FY 2020-21	New Sidewalks, ADA Ramps, Street Lights, Bike Lanes, Asphalt Repair	\$68,000	\$1,989,621	1 \$45,000		\$2,102,621	\$842,621 \$67,410	\$910,031								-	DIF Streets/Traffic Signals/Bridges -ST-38
2016-02 - (2018-03)	Palm Drive Bicycle Pedestrian Improvement - ATP Cycle 3	COMPLETED FY 2020-21	New Sidewalks, ADA Ramps, Street Lights, Bike Lanes, Asphalt Repair						\$380.000										SB1 was changed to DIF Streets
,	Palm Drive Bicycle Pedestrian Improvement - ATP Cycle 3	COMPLETED FY 2020-21	New Sidewalks, ADA Ramps, Street Lights, Bike Lanes, Asphalt Repair						\$40,000	\$40,000									Offsite Streets/Sidewalks
	Palm Drive Bicycle Pedestrian Improvement - ATP Cycle 3 Total Project Funding	COMPLETED FY 2020-21	New Sidewalks, ADA Ramps, Street Lights, Bike Lanes, Asphalt Repair					\$2,102,621	\$772,000 \$2,034,621 \$67,410	\$772,000 \$1,722,031									ATP Cycle (3) SB1 Funding
	Total Project Punding							\$2,102,021	32,034,021 307,410	\$1,722,031									
2019-21	Dillon Road Rehab	COMPLETE	Road Rehabilitation and Maintenance		\$129,000	0		\$129,000	\$129,000 \$0	\$129,000	-								SB1
2020-01	Misc Road Repairs	COMPLETE	Road Rehabilitation and Maintenance		\$40,000			\$40,000	\$40,000 \$3,200	\$43,200									Measure A
2020 01	indo reduite punt	John LE TE	Road Renabilitation and Hamanana		\$40,000			040,000	\$40,000 \$0,200	040,200									meddare A
2019-16	Road Shoulder Repairs	COMPLETE	Road Rehabilitation and Maintenance		\$87,000	0		\$87,000	\$87,000 \$6,960	\$93,960	-								Measure A
2019-17	Road Rehab- Avenida Manzana - 18th St	COMPLETE	Road Rehabilitation and Maintenance		\$20,000			\$20,000	\$20,000 \$1,600	\$21,600									Measure A
2020-03	Pavement Management Plan (PMP)	COMPLETE		\$30,000				\$30,000	\$30,000	\$30,000									General Fund
	Palm Drive Traffic Signals/Street Lighting	COMPLETED FY 2020-21	New Street Lights, Bike Lanes, Fiber Conduit, Synchornization	\$183,540	\$2,309,144	4 \$75,000	\$100,000	\$2,667,684	\$1,384,617	\$1,384,617	*about half of expense	es will rollover to 2020-2021	*about half of expenses will rollover to 20	20-2021	*about half of exper	ses will rollover to 2020-2021			CVAG 2017 Funding = remaining up to \$2.247M
	Palm Drive Traffic Signals/Street Lighting	COMPLETED FY 2020-21	New Street Lights, Bike Lanes, Fiber Conduit, Synchornization		4210001111			1-100-100	\$685,000 \$54,800	\$739,800									DIF Streets/Traffic Signals/Bridges - ST 37
2017-14	Palm Drive Traffic Signals/Street Lighting	COMPLETED FY 2020-21	New Street Lights, Bike Lanes, Fiber Conduit, Synchornization						\$500,000	\$500,000									SB1 Offsite Streets/Sidewalks ( was changed to DIF no
	Palm Drive Traffic Signals/Street Lighting	COMPLETED FY 2020-21	New Street Lights, Bike Lanes, Fiber Conduit, Synchornization						\$50,000	\$50,000									funding in 120)
	Palm Drive Traffic Signals/Street Lighting Total Project Funding	COMPLETED FY 2020-21	New Street Lights, Bike Lanes, Fiber Conduit, Synchornization					\$2,667,684	\$50,000 \$0 \$2,669,617 \$54,800	\$50,000 \$2,724,417									MSRC Grant Funding
	retarreget randing							\$2,007,004	\$2,000,017 \$04,000	42,124,411									
2020-02	Replace Street Name Signs at Traffic Signals - Phase II	COMPLETED FY 20-21	New StreetName Signs Phase 2		\$88,000	0		\$88,000	\$0	\$0	\$88,000	\$7,040 \$95,040							Measure A
	Indian Avenue Widening	in construction	Road widening to 4 lanes								*invoicing from CVAG	may be delayed over next two FY	*invoicing from CVAG may be delayed ov	er next two FY	*invoicing from CV	G may be delayed over next t	FY		Shared Costs \$3,000,000
	Indian Avenue Widening	In Construction	Road widening to 4 lanes												, i i i i i i i i i i i i i i i i i i i	\$0 \$0			Less from Palm Springs (\$180,000)
	Indian Avenue Widening Indian Avenue Widening	In Construction In Construction	Road widening to 4 lanes Road widening to 4 lanes													\$0 \$0			Less from Riverside County (\$300,000) Less from CVAG (\$2,412,000)
	Indian Avenue Widening	in construction	Road widening to 4 lanes												\$90,000	\$7,200 \$97,200			DIF Streets/Traffic Signals/Bridges - ST 16
-	Total Project Funding									_						\$7,200 \$97,200			
2020-07	Palm Drive Improvements - Pierson to Mission Lakes	In Design	missing sidewalks, ADA curbs, median Palm and 8th St, bike lanes, street lights, stop sign at palm and 12th	\$142,700	\$4,725,420	0		\$4,868,120		SO	\$107,025	\$107,025	50	\$0		\$0 \$0			CVAG 2019 Safety Program (75% Design)
	Palm Drive Improvements - Pierson to Mission Lakes	In Design	missing stewards, ADA curbs, median Palm and 8th St, bike lanes, street lights, stop sign at palm and 12th	ç, i do	÷			\$0		\$0	\$35,675		\$0	\$0		\$0 \$0			Local Match (25% Design) Measure A
													\$3,700,000 \$331,000						ATP Cycle 5 Construction SB821
		1				1							\$100,000						DIF Streets
													\$50,000						Measure A
	Total Project Funding	1		\$142,700	\$4,725,420	50 50	so so	\$4,868,120	\$0 \$0	so	\$142.700	\$2,854 \$145,554	\$545,000 \$4,726,000 \$0	\$0	\$0	\$0 \$0		-	581
							<b>\$</b>			ţŭ	, 142, 100	2140,004		ţ	ţ,	v. v.			
	Hacienda Ave SRTS Improvement Project - ATP Cycle 4	FY 2020-2021 - Design	New Sidewalk, Curb and Gutter, ADA Ramps, Street Lights, landscaping	\$176,000	\$1,322,000			\$1,498,000			ALA:	\$0 \$0	\$0 \$0	\$0	\$1,322,000	\$0 \$0			ATP Cycle 4 local match - SB1
						1					\$126,000 \$50,000		\$0 \$0	\$0	\$176,000				local match - SB1 local match - Measure A
	Total Project Funding							\$1,498,000				\$0 \$126,000	\$0	\$0		\$0 \$0			
	HSIP - Cycle 9-1 - Palm Drive - Dillon to Pierson Blvd	FY 2020-2021- Design	Upgrade Pedestrian signal heads to countdown and APS Accesible, new crosswalks		\$260.300			\$260.200			000 0302	\$0 \$260.300	\$260,300 \$0	\$260.300	\$260,300	\$0 \$260.200			HSIP- Cycle 9 -1
1	From - Cycle e-1 - Faill DTME - DIIIOT to Pletson Divo	1 1 2020-2021- Design	opgrade redestrian signal neads to countdown and APS Accestore, new crosswalks	1	\$260,300	4	1	a∠60,300			\$260,300	a au a260,300	\$200,300 \$0	\$200,300	\$200,300	au a200,300		- I - I	noir - cycle 9 -1

PROJECT NUMBER	PROJECT NAME	DESCRIPTION	DESIGN CONSTRUCTION INSPECTION	Utility Fees TOTAL	TOTAL PER ADMIN FUND FEE	2019-2020 TOTAL	ADMIN TOTAL PER FUND FEE	2020-2021 TOTAL	TOTAL PER FUND ADMIN FEE	2021-2022 TOTAL	TOTAL PER ADMIN 2022-2023 FUND FEE TOTAL	TOTAL PER FUND	ADMIN 2023-2024 FEE TOTAL	FUNDING SOURCE
	HSIP Cycle 9-2 - Palm and Buena Vista - Palm and Hacienda FY 2020-2021 - Design	Install two LED flashing pedestrian crosswalks	\$20,000 \$99,400	\$119,400			\$107,460 \$0 \$11,940 \$955		\$107,460 \$0 \$11,940 \$0	\$107,460 \$11,940	\$107,460 \$0 \$107,46 \$11,940 \$0 \$11,94			HSIP Cycle 9-2 local match - Measure A
	Total Project Funding			\$119,400			\$11,940 \$955 \$11,940 \$955	\$12,895	\$11,940 \$0	\$11,940	\$11,940 \$0 \$11,94	0		iood mator medicire A
	HSIP Cycle 9-3 - Palm and 8th St FY 2020-2021- Design	Construct Median and LED Stop Signs, and new rosswalks	\$20,000 \$157,300	\$177,300			\$177,300 \$0	\$177,300	\$177,300 \$0	\$177,300	\$177,300 \$0 \$177,30	)		HSIP Cycle 9-3
	Slurry Seal and res-striping -Pierson Blvd in deisgn	slurry seal and restriping	\$400,000	\$400,000										SB1 Funding
	Citywide Annual Street Repairs, Striping and Sidewalk Repairs annual maintenance	Annual Road Maintenance	\$175.000	\$175,000	SO	0 \$0	\$30,000 \$2,400		\$10,000 \$800	\$10,800	\$10,000 \$800 \$10,80			Measure A
	Changeable message lsgns flashing signs	Pierson Little Morongo	\$15,000	\$15,000	\$0	0 \$0	\$30,000 \$2,400		\$10,000 \$800	\$10,800	\$10,000 \$800 \$10,80	)		Measure A
	-Tashing Stop Signs - Pierson Little Morongo - flashing signs	Pierson Little Morongo	\$15,000	\$15,000	\$0	0 \$0	\$15,000	\$15,000						General Fund
	Tashing Stop Signs - Pierson Indian flashing signs	Pierson Little Morongo	\$15,000	\$15,000 \$20,000	50	0 \$0	\$15,000	\$15,000						General Fund
	Ity Standards Update - CIP  Street Repairs, Sidewalk Repairs, Curb Repairs, Shoulder Repairs, Pedestrian Crosswalk Repairs		\$20,000	\$175,000										
	Little Morongo Widening Improvements		\$100,000 \$5,000,000	\$5,100,000										
		uction funds missing sidewalks, ADA curbs, bike lanes, street lights,	\$192,040 \$6,779,969	\$6,972,009		\$0	\$72,015	\$72,015	\$72,015	\$72,015	\$0 \$	)		CVAG 2019 Safety Program (75%)
		uction funds missing sidewalks, ADA curbs, bike lanes, street lights,		\$0		\$0	\$24,005 \$1,920	\$25,925	\$24,005 \$1,920 \$290,000		\$0 \$	)		Local Match Measre A DIF - Streets
											\$6,599,969 \$331,000			ATP Cycle 5 Construction SB1 Construction
	Total Project Funding		\$192,040 \$6,779,969 \$	\$0 \$0 \$6,972,009	\$0 \$0	0 \$0	\$96,020 \$1,920	\$97,940	\$96,020 \$1,920	\$97,940	\$0 \$0 \$	0		
	ZVLink - DHS Extension Project In Design - need const	uction funds multimodal pathway, lane narrows, new street lights, signages	\$986,660 \$31,472,000	\$32,458,660			\$110,999	\$110,999	\$258,998	\$258,998	\$369,998 \$369,99		\$0	CVAG 2019 Safety Program (75%)
	2VLink - DHS Extension Project In Design - need const	uction funds multimodal pathway, lane narrows, new street lights, signages		\$0			\$37,000 \$2,960	\$39,960	\$86,333 \$6,907	\$93,239	\$123,333 \$9,867 \$133,19 \$1,290,000	\$(	50 \$0 	ATP Cycle 5 ROW
											\$10.000	\$27,745,000 \$1,820,250		City General Fund ROW Matching ATP Cycle 5 Construction CVAG 75% Matching
	Total Project Funding		\$986,660 \$31,472,000 \$	50 \$0 \$32,458,660	\$0 \$0	0 60	\$147,999 \$2,960	\$150,959	\$345,331 \$6,907	\$352,238	\$1,793,330 \$9,867 \$503,19	\$1,820,250 \$606,750 7 \$30,172,000	)	CVAG 75% Matching City 25% Matching - SB1
	,		3	φυ φυειτυδιάδου φυειτοδιάδου	43 \$0	40	41-71,038 42,960	\$130,839		062,2000		450,172,000		
	DHS Bridges Over Water Crossings DHS Bridges Over Water Crossings	Construction of seven new bridges over low water crossings Construction of seven new bridges over low water crossings	\$4,972,500 \$16,575,000	\$21,547,500			\$1,657,500	\$1,657,500	\$19,890,000	\$19,890,000				Local and CVAG Regional Fund Federal Funds
	lefferson Street/I-10 Interchange (DHS Share) paid for annually	Fair Share Cost - CVAG Regional Interchange Project	\$5,000	\$5,000	\$2,500 \$200	0 \$2,700	\$2,500 \$200	\$2,700	\$2,500 \$200	\$2,700	\$2,500 \$200 \$2,70	)		Measure A
	Palm Drive/I-10 Interchange (DHS Share) paid for annually	Fair Share Cost - CVAG Regional Interchange Project	\$5,000	\$5,000	\$2,500 \$200		\$2,500 \$200		\$2,500 \$200		\$2,500 \$200 \$2,70	)		Measure A
	Vardman Park Street Imporvements Sidewalk	New sidewalk around perimiter fo wardman park	\$300,000	\$300,000										
	Vardman Park - 8th St Street Improvements	New sidewalk 8th St from wardman park to palm drive	\$300,000	\$300,000										
	North Indian Canyon Drive - Entryway conceptual deisgn	New median island, landscaping both isdes of road, and entryway sign	\$500.000	\$500,000										
	Cholla Drive Widening	Road widening	\$40,000 \$400,000	\$440,000										
	slurry seal re-striping - Two Bunch Palms Trail	slurry seal and restripe	\$30,000 \$200,000	\$230,000										
	Nisison Lakes Blvd widening - gap closure	widening of road installtion of crub gutter and sidewalk	\$60,000 \$300,000	\$360,000										
	ity wide striping	street striping	\$20,000 \$400,000	\$420,000										
-	Pierson Blvd Lansdcaping and ADA Sidewalks	street striping	\$20,000 \$400,000	\$420,000										
	Palm and Dillon Median Islands		\$20,000 \$400,000	\$420,000										
	Palm and Two Bunch Palms Trail Intersection Improvement		\$20,000 \$1,000,000	\$1,020,000										
	Palm and Park Traffic Signal		\$40,000 \$400,000	\$440,000										
	Mission Lakes Bike Pathway		\$50,000 \$200,000	\$250,000										
	PARKS													
	complete	New Scoreboard at Little League	\$24,559	\$24,559	\$24,559 \$1,965	5 \$26,524		\$0	\$0	\$0	\$0 \$	)		Quimby
2020-06	Fedesco Park - Installation of Playground Shade complete	Installation of Shades over Playgorund Equipment	\$80,852	\$80,852	\$80,852 \$6,468	8 \$87,320	\$0 \$0	\$0	\$0 \$0	\$0	\$0 \$0 \$	)		DIF QUIMBY
2020-06	Mission Springs Park - Installation of Playground Shade complete	Installation of Shades over Playgorund Equipment	\$61,384	\$61,384	\$61,384 \$4,911	1 \$66,295	\$0 \$0	\$0	\$0 \$0	\$0	\$0 \$0 \$	)		DIF QUIMBY
2018-05	Corporation Yard Park CDBG 2018-2019 - Design In Design	Design of New Park	\$500,000	\$500,000	\$209,110 \$16,729 \$10,505 \$840	9 \$225,839 0 \$11,345			\$0	\$0 \$0	\$0 \$ \$0 \$	2		Community Development Block Grant 2018-2019 DIF
							\$118,000 \$100,000							DIF parks Quimby
	Total Project Funding	Relocation of Comprate Vard	\$30,000 \$200,000	\$500,000	\$219,615 \$17,569	9 \$237,184	\$0 \$0	\$0	50 \$0	\$0	SU 50 \$			Community Development Block Grant 2018-2019
	Corporation Yard Park Phase II CDBG 2019-2020 - Street Improvements Construction In Design Total Project Funding	Relocation of Corporate Yard	\$30,000 \$220,000	\$250,000 \$250,000	\$0 en	0 \$0	\$240,000 \$10,000 \$10,000 \$800		\$0 \$0 \$0 \$0	\$0 \$0 \$0	\$0 \$ \$0 \$ \$0 \$0 \$			Community Development Block Grant 2018-2019 General Fund
		n released Rehabilitation of park	\$10,000 \$247,000	\$257,000	\$0 \$0	0 50	\$257,000 \$20,560			40	\$0 \$0 \$	)		CDBG 20-21
	Alssion lakes Walking Park DG	New walking Park DG install	\$175,000	\$175,000	\$0 \$0		\$0 \$0		\$0 \$0	\$0	<u>\$0</u> \$0 \$			UNFUNDED AT THIS TIME
	vilssion lakes Walking Park -Landscaping	New walking Park with walkway and landscaping	\$600,000	\$600,000	\$0 \$0		\$0 \$0	\$0	\$0 \$0	\$0	\$0 \$0 \$			UNFUNDED AT THIS TIME
	Vardman Park - Playground Shades	Installation of New Shades over Playgorund Equipment	\$80,000	\$80,000	\$0 \$0		\$0 \$0	\$0	\$0 \$0	\$0	\$0 \$0 \$	0		UNFUNDED AT THIS TIME
	Mission Lakes Walking Path Park Project	New walking path park	\$600,000	\$600,000	\$0 \$0	0 \$0	\$0	\$0	\$0	\$0	\$0 \$			UNFUNDED AT THIS TIME
	DHS Skate Park - concrete upgrades	Install Concrete Upgrades to existing park	\$100,000	\$100,000	\$0 \$0	0 \$0	\$0 \$0	\$0	\$0 \$0	\$0	\$0 \$0 \$			UNFUNDED AT THIS TIME
	Vardman Park - North Parking Lot Paving and Maintenance Access Road	New paved parking lot, ADA pathway, and Maintenance Access	\$75,000 \$700,000	\$775,000	\$0 \$0	0 \$0	\$0 \$0	\$0	\$0 \$0	\$0	\$0 \$0 \$			UNFUNDED AT THIS TIME
	Vardman Park - ADA Pathway	New ADA pathway around park connecting amenities	\$250,000	\$250,000	\$0 \$0	0 \$0	\$0 \$0	\$0	\$0 \$0	\$0	\$0 \$0 \$			UNFUNDED AT THIS TIME
	LED Upgrades	Lighting Upgrades	\$125,000	\$125,000	\$0 \$0	0 \$0	\$0 \$0	\$0	\$0 \$0	\$0	\$0 \$0 \$			UNFUNDED AT THIS TIME
<u> </u>	redesco Park - LED Upgrade	Lighting Upgrades	\$175,000	\$175,000	\$0 \$0	0 \$0	\$0 \$0	\$0	\$0 \$0	\$0	\$0 \$0 \$	)		UNFUNDED AT THIS TIME
	Fedesco Park - ADA Walkway new curbs/retaining walls	New curbs and retaining walls for ADA pathway	\$125,000	\$125,000	\$0 \$0	0 \$0	\$0 \$0	\$0	\$0 \$0	\$0	\$0 \$0 \$			UNFUNDED AT THIS TIME
	Fedesco Park - ADA walkway renovation/concrete install (removal of splash pad, rock, grass islands)	Concrete improvements for ADA pathway and accesibility	\$100,000	\$100,000	\$0 \$0	0 \$0	\$0 \$0	\$0	\$0 \$0	\$0	\$0 \$0 \$			UNFUNDED AT THIS TIME
	vlission Springs Park - Musco Lighting South Field	Installtion of additional Musco Lighting for south fields	\$250.000	\$250,000	\$0 \$0		\$0 \$0	\$0	\$0 \$0	\$0	\$0 \$0 \$			UNFUNDED AT THIS TIME
	Mission Springs Park - Fencing Repairs and renovations	Repair to perimiter fencing and installation of new fencing at new playgorund	\$100,000	\$100,000	\$0 \$0	0 \$0	\$0 \$0	\$0	\$0 \$0	\$0	\$0 \$0 \$			UNFUNDED AT THIS TIME
	Mission Springs Park - Walkway renovation	Realingment of pathway, and replacemnent of pathway material, and concrete curb	\$200,000	\$200,000	\$0 \$0	0 \$0	\$0 \$0	\$0	\$0 \$0	\$0	\$0 \$0 \$			UNFUNDED AT THIS TIME
	Mission Springs Park - Outdoor Gym installtion	new outdoor gym equiment	\$100,000	\$100,000	\$0 \$0	u \$0	\$0 \$0	\$0	\$0 \$0	\$0	\$0 \$0 \$			UNFUNDED AT THIS TIME
	EQUIPMENT													
	CUDIFWIENT     Comparing the second sec	Boom Tuck Front Loader	\$116,305 \$167,284	\$116,305 \$167,284	\$0 \$0 \$0 \$0	0 \$0	\$0 \$0 \$0 \$0	\$0	\$0 \$0 \$0 \$0	\$0	\$0 \$0 \$ 60 \$0 \$			
	Uptic Works Equipment & Specially Vencies/Equipment Equipment Delivered Valic Works Equipment & Specially Vencies/Equipment Equipment Delivered Public Works Equipment & Specially Vencies/Equipment Equipment Delivered	Front Loader Skip Loader Dump Truck	\$167,284 \$91,719 \$97,295	\$167,284 \$91,719 \$97,295	\$0 \$0 \$0 \$0 \$0 \$0	0 \$0 0 \$0	\$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 	\$0 \$0 \$0 \$0 \$0 \$0	30 \$0 0	\$0 \$0 \$ \$0 \$0 \$ \$0 \$0 \$			
	aufür Vorlis Edulpment Speciality Vehicles/Equipment Equipment Equipment Delivered Equipment Speciality Vehicles/Equipment Equipment Equipment Delivered Public Works Equipment & Equipment Delivered	Valer Trailer Forklift	\$97,253 \$9,733 \$28,073	\$9,733 \$28,073	\$0 \$0 \$0 \$0	0 \$0 0 \$0	\$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$ \$0 \$0 \$ \$0 \$0 \$			DIF - PW Equipment

										2020-2021		_						
PROJECT NUMBER	PROJECT NAME STORM DRAINS		DESCRIPTION	DESIGN	CONSTRUCTION INSPECTION Utility Fees	TOTAL	TOTAL PER ADMIN FUND FEE	2019-2020 TOTAL	ADMIN TOTAL PER FUND FEE	2020-2021 TOTAL	TOTAL PER FUND	ADMIN FEI	2021-2022 E TOTAL	TOTAL PER A FUND	DMIN 2022-2023 FEE TOTAL	TOTAL PER FUND	ADMIN 2023-2024 FEE TOTAL	FUNDING SOURCE
2019-05	Storm Drain Line C-1	COMPLETE FY 18-19	New Storm Drain Weir		\$66,800	\$72,144	\$72,144 \$5,772	\$77,916	\$0 \$1	\$0	-	\$0 \$	50 \$0	\$0	\$0 \$	-		DIF Storm Drainage
	Strom Drain Line A-2	COMPLETE FY 19-20	New Storm Drain Line		\$35,180	\$35,180	\$35,180 \$2,814		\$0 \$	) S0		\$0 \$	50 50	S0	\$0 \$			DIF Storm Drainage
		COMPLETE FY 19-20	New Earth Channel Section			\$43,810						**		*** **	***			DIF Storm Drainage
019-10	SD- Big Morongo Creek - Earth Channel -				\$43,810		\$43,810 \$3,505	\$47,315	\$0 \$			\$U \$	\$0 \$0	\$0	\$0 \$			
019-20	8th Street Storm Drain Project 8th Street Storm Drain Project	complete FY 2020-21 complete FY 2020-21	New Storm Drain System New Storm Drain System		\$3,150,000	\$3,150,000 \$0			\$150,000 \$12,00 \$3,000,000 \$	\$3,000,000		\$0 \$ \$0 \$	50 \$0 50 \$0	\$0	\$0 \$ \$0 \$			DIF Storm Drainage Riverside County Flood Grant
	Total Project Funding					\$3,150,000	\$0 \$0	\$0	\$3,150,000 \$12,000	\$3,162,000		\$0 \$	\$0 \$0	\$0	\$0 \$			
	Strom Drain Line A-1	Submitted project for regional fundir	19			\$0	\$0	\$0	S	\$0		\$0 \$	\$0 \$0	\$0	\$0 \$			
	Indian Canyon Bridge 14	conceptual design			\$1,797,000	\$1,797,000	\$0	\$0	S	\$0		\$0 \$	\$0 \$0	\$0	\$0 \$			
	Indian Canyon Bridge 13	conceptual design			\$1,383,000	\$1,383,000	\$0	\$0	S	\$0		\$0 \$	\$0 \$0	\$0	\$0 \$			
	Dillon Road 3-A	conceptual design			\$2,848,000	\$2,848,000	\$0	\$0	S	\$0		\$0 \$	\$0 \$0	\$0	\$0 \$			
	Dillon Road 3B	conceptual design			\$2,359,000	\$2,359,000	\$0	\$0	S	\$0		\$0 \$	\$0 \$0	\$0	\$0 \$			
	Little Morongo Rd 1	conceptual design			\$2,786,000	\$2,786,000	\$0	\$0	Şi	\$0		\$0 \$	\$0 \$0	\$0	\$0 \$			
	Little Morongo Rd 3	conceptual design			\$1,837,000	\$1,837,000	\$0	\$0	S	\$0		\$0 \$	\$0 \$0	\$0	\$0 \$			
	Two Bunch Palms Tr 2	conceptual design			\$3,565,000	\$3,565,000	\$0	\$0	Si	\$0		\$0 \$	50 \$0	\$0	\$0 \$			
	Total Project Funding						\$0 \$0	\$0	\$0 \$1	50 \$0		\$0 \$	50 \$0	\$0	\$0 \$			
	FACILITIES																	
)19-19	Block Wall at Senior Center	completed	Construct new wall, between Senior Center and Solar Site		\$64,811	\$64,811	\$0 \$0	\$0	\$0 \$1	\$0	-	\$0 \$	\$0 \$0	\$0	\$0 \$			DIF COMMUNITY CENTER
	City Hall Facility (Phase 2)	complete FY 20-21					\$0	\$0	Si	\$0		\$	\$0 \$0		\$0 \$			General Fund (\$1,275,000)
	City Hall Facility (Phase 2) City Hall Facility (Phase 2)	complete FY 20-21 complete FY 20-21					\$0	\$0	Si Si			\$	50 \$0 50 \$0		\$0 \$ \$0 \$			Fire Development Fund Impact Fee Estimated Park Development Fund Impact Fee Estimated
	City Hall Facility (Phase 2) City Hall Facility (Phase 2)	complete FY 20-21 complete FY 20-21					\$0 \$0	\$0 \$0	Si Si	0 \$0 0 \$0		\$	50 \$0 50 \$0		\$0 \$ \$0 \$			General Facilities Fund Impact Fee Estimated Community Center Fund Impact Fee Estimated
19-03	City Hall Facility (Phase 2) City Hall Facility (Phase 2)	complete FY 20-21 complete FY 20-21					\$0 \$0	\$0 \$0	Si Si			\$	50 \$0 50 \$0		\$0 \$ \$0 \$			Art in Public Places Offsite Streets/Sidewalks
	City Hall Facility (Phase 2)	complete FY 20-21 complete FY 20-21					\$0 \$0	\$0	S	0 \$0 0 \$0		\$	50 \$0 50 \$0		\$0 \$ \$0 \$			City Hall Relocation Fund County Service Area 152 (\$5,000)
	City Hall Facility (Phase 2) City Hall Facility (Phase 2)	complete FY 20-21 complete FY 20-21					\$0	\$0	Si	50		S	50 \$0 50 \$0		\$0 \$			City Debt Service Fund (\$1,400,000) Equipment Replacement Fund (\$10,000)
	Total Project Funding						\$0	\$0	\$0 \$i	)		\$0 \$	50	\$0	\$0			Equipment replacement rand (project)
20-05	Wardman Park - Pool Renovation	In Design	Design with Long Term Phasing Plan - Pool Facilioty and Building Facility	\$60,000	unknown at this time	\$60,000	\$0 \$0	\$0	\$0 \$	\$0		\$0 \$	50 \$0	\$0	\$0 \$			DIF COMMUNITY CENTER
	PD Lobby Construction	in construction	Lobby Remodel	\$10,000	\$60,000	\$70,000	\$0 \$0	\$0	\$70,000 \$5,60	\$75,600		\$0 \$	\$0 \$0	\$0	\$0 \$	1		DIF PD
	PD Dispatch Center Construction	in design	Tentant Improvements new Dispatch center	\$40,000		\$40,000	\$0 \$0	\$0	\$40,000 \$3,20	\$43,200		\$0 \$	\$0 \$0	\$0	\$0 \$			DIF PD
	PD Site Improvement	in design	Site Improvements, wall removal	\$15,000		\$15,000	\$0 \$0	\$0	\$15,000 \$1,20	\$16,200		\$0 \$	\$0 \$0	\$0	\$0 \$			DIF PD
	PD New Building	in design	New PD Building	\$50,000		\$50,000	\$0 \$0	\$0	\$50,000 \$4,000	\$54,000		\$0 \$	\$0 \$0	\$0	\$0 \$			DIF PD
	Health and Wellness center cubbles	construction	new cubbies			\$0	\$0 \$0	\$0	\$0 \$1	\$0		\$0 \$	\$0 \$0	\$0	\$0 \$			Health and Wellness Fund DIF AQUATICS (\$32K) PLUS DIF QUIMBY
	Furbee Pool Splash Pad Upgrade		Replacement of UV system	\$15,000	\$100,000	\$115,000	\$0	\$0	\$0 \$i	\$0		\$0 \$	so <b>s</b> o	\$0	\$0 \$			DIF AQUATICS (\$32K) PLUS DIF QUIMBY REMAINING FUNDS- HWC FUND
	Tedesco Park - Restrooms Renovation		Roof replacements, door replacement, re-seal walls and flooring, plumbing and hardware	\$5,000	\$75,000	\$80,000	\$0	\$0	\$0 \$	\$0		\$0 \$	50 \$0	\$0	\$0 \$			BALANCE OF NEW CITY HALL
	Wardman Park - Restroom Renovation		Poet real-semante, deer real-semant, re-ceal walls and floreign, plumbing and berdware	\$5,000	\$75,000	\$80,000	50	50	\$0 <b>\$</b> 2			\$0 S	50 <b>5</b> 0	50	\$0 \$			BALANCE OF NEW CITY HALL
			Roof replacements, door replacement, re-seal walls and flooring, plumbing and hardware	\$3,000		400,000	30	ψU	40 31	30		** *	30	φU	40 3			UNFUNDED AT THIS TIME- MAY USE FUND
	Code Compliance Parking lot		Construct new wall, access gate, reconfigure parking lot,upgadre site		\$300,000	\$300,000	\$0 \$0	\$0	\$0 \$	\$0		\$0 \$	50 \$0	\$0	\$0 \$			UNFUNDED AT THIS TIME- MAY USE FUND BALANCE NEW CITY
	Corporation Yard Buildings		Building Improvements to mechanuic shop and bays		\$100,000		<u>\$0</u> \$0	\$0	<u>\$0</u> \$1	\$0		\$0 \$	\$0 \$0	\$0	\$0 \$		- 1	UNFUNDED AT THIS TIME
	Corporation Yard - Natural Gas Pump Removal		Removal of old equipment		\$50,000		\$0 \$0	\$0	\$0 \$	\$0		\$0 \$	\$0 \$0	\$0	\$0 \$			UNFUNDED AT THIS TIME
	IT Infrastructure - Future Upgrades						\$0	\$0	Şi	\$0		\$	\$0 \$0		\$0 \$			DIF Law Enforcement
	IT Infrastructure - Future Upgrades IT Infrastructure - Future Upgrades						\$0 \$0 \$0	\$0 \$0	\$0 \$1	50 \$0 50 \$0		\$0 \$	50 \$0 50 \$0	\$0	\$0 \$ \$0 \$			Community Facility Impact Fee UNFUNDED AT THIS TIME
	Total Project Funding			1			\$0 \$0	\$0	\$0 \$1	\$0		\$0 \$	\$0 \$0	\$0	\$0 \$			

# DHS Bridges Over Water Crossings

Exhibit 8 – Resolution from City Council in support of DHS Bridges Over Water Crossings Project

### **RESOLUTION NO. 2021-009**

### A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF DESERT HOT SPRINGS, CALIFORNIA, SETTING FORTH ITS COMMITMENT TO USE FEDERAL GRANTS AND OTHER MONIES. IF AVAILABLE, TO IMPROVE INFRASTRUCTURE, INCLUDING BRIDGES AND OTHER CROSSINGS WITHIN THE CITY OF DESERT HOT SPRINGS

WHEREAS, the City is a charter city, duly organized under the laws of the State of California,

WHEREAS, it has come to the City's attention that federal funding, grants and other monies, either through the United State Department of Transportation or otherwise, may become available for local city use for priority local transportation projects; and

WHEREAS, the City does in fact have priority local transportation projects which would benefit the City as a whole; and

**WHEREAS,** such projects are titled "DHS Bridges Over Various Water Crossings Project", and consist of:

The construction of seven (7) new bridges over water crossings along Indian Canyon Drive, Dillon Road, Little Morongo Road, and Two Bunch Palms Trail, within the City of Desert Hot Springs; and

WHEREAS, DHS Bridges Over Various Water Crossings is estimated to cost \$19.9 Million; and

WHEREAS, DHS Bridges Over Various Water Crossings would benefit the City as follows:

The construction of these bridges over the low water crossings will direct the storm water flows under a major arterials, preventing flooding of roads and major road closures, which in effect will provide dependable accessibility within and out of the City to reach important destination such as hospitals and major freeways; and

WHEREAS, if the City were to receive any federal funding, grants or other monies for DHS Bridges Over Various Water Crossings Project, the City Council would in fact support the project, recognizing that it would be a priority project for the City, providing great infrastructure benefits to its residents and visitors; and

WHEREAS, this Resolution is in the best interest of the City and is a benefit to the public health, safety and welfare.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF DESERT HOT SPRINGS DOES HEREBY RESOLVE AS FOLLOWS:

### Section 1. Recitals.

That the Recitals set forth above are true and correct and are hereby incorporated herein by this reference.

## Section 2. Finding and Support.

That the City Councils finds as follows:

THAT, DHS Bridges Over Various Water Crossings would benefit the City as follows:

The construction of these bridges over the low water crossings will direct the storm water flows under a major arterials, preventing flooding of roads and major road closures, which in effect will provide dependable accessibility within and out of the City to reach important destination such as hospitals and major freeways.

THAT, if the City were to receive any federal funding, grants or other monies for DHS Bridges Over Various Water Crossings Project, the City Council would in fact support the project, recognizing that it would be a priority project for the City, providing great infrastructure benefits to its residents and visitors.

### Section 3. Certification.

That the City Clerk shall certify to the passage and adoption of this resolution, enter the same in the book of original resolutions of the City and make a minute of passage and adoption thereof in the records of the proceedings of the City Council in the minutes of the meeting at which the same is passed and adopted.

### Section 4. Severability.

That if any provision, section, paragraph, sentence or word of this Resolution be rendered or declared invalid by any final court action in a court of competent jurisdiction or by reason of any preemptive legislation, the remaining provisions, sections, paragraphs, sentences or words of this Resolution as hereby adopted shall remain in full force and effect.

### Section 5. Repeal of Conflicting Provisions.

That all the provisions heretofore adopted by the City Council that are in conflict with the provisions of this Resolution are hereby repealed.

### Section 6. Effective Date.

That this Resolution shall take effect upon its adoption.

**PASSED AND ADOPTED** by the City Council of the City of Desert Hot Springs at a regular meeting held on the 16th day of April 2021 by the following vote:

AYES: 5 – Betts; Gardner; Nuñez; Pye; and Mayor Matas.

NAYS: None.

ABSENT: None.

ABSTAIN: None.

## [SIGNATURES FOLLOW ON THE NEXT PAGE]

ATTEST:

Jerryl Soriano, CMC, City Clerk

APPROVED:

Scott Matas, Mayor

APPROVED AS TO FORM:

Jennifer Mzrahi, City Attorney

# DHS Bridges Over Water Crossings

Exhibit 9 – Letters of Support



4080 Lemon St. 3rd Fl. Riverside, CA 92501 Mailing Address: P.O. Box 12008 Riverside, CA 92502-2208 951.787.7141 • rctc.org

April 13, 2021

Honorable Scott Matas Mayor, City of Desert Hot Springs 65-950 Pierson Boulevard Desert Hot Springs, CA 92240

Dear Mr. Matas:

Thank you for providing the Riverside County Transportation Commission (RCTC) the opportunity to comment on the City of Desert Hot Springs' (City) efforts to advance these regionally significant projects. We have appreciated working closely with the City on the Desert Hot Springs Over Water Crossings Project, a group of seven low water crossing bridge projects in the City. RCTC's support includes one of the seven bridge projects in the Federal Statewide Transportation Improvements Program and 2021 Federal Transportation Improvement Plan (FTIP), programmed under RIV091001.

One of the requirements from the Transportation & Infrastructure (T&I) program is inclusion of the projects into the FTIP in a reasonable amount of time. In collaboration with the Southern California Association of Governments (SCAG), the next available time to submit this project into the FTIP is April 13, 2021. RCTC is working to program the six projects into the FTIP. SCAG and RCTC anticipate this amendment would be approved by the end of June. This may change slightly anticipating other state and federal approvals.

Historically, the Western Coachella Valley, including the City, has been prone to flash flooding and a natural sand migration process known as blow sand events. Flooding and blow sand events cause complete road closures at low water crossings along local and regional road arterials. The DHS Bridges Over Water Crossings Project will help mitigate flooding and blow sand hazards and maintain all road arterials open during rain and blow sand events. This project is a critical project for the entire Desert Hot Springs community and its surrounding region. It will provide local and regional benefits for mitigating flood and blow sand hazards, including maintaining proper and safe accessibility for residents, visitors, and public safety personnel to reach destinations in and out of the City and to its surrounding region.

The City may include this letter in its submission for Congressional Delegation Community Project Funding to demonstrate that the project is consistent with regional plans and benefits from multi-agency collaboration.

We look forward to continuing to work with the City and neighboring communities as this project progresses and we appreciate the continued partnership.

Sincerely,

no E Mayer

Anne Mayer Executive Director



1995 MARKET STREET RIVERSIDE, CA 92501 951.955.1200 FAX 951.788.9965 www.rcflood.org

## RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

April 13, 2021

Dr. Raul Ruiz Congressional District 36 2342 Rayburn HOB Washington, DC 20515

Dear Congressman Ruiz:

Re: Letter of Support for the Desert Hot Springs Bridges Over Water Crossings Project

The Riverside County Flood Control and Water Conservation District (District) is in support of the City of Desert Hot Springs' nomination of the DHS Bridges Over Water Crossings Project. The project includes the construction of seven bridges over low water crossings that are critical for the city of Desert Hot Springs and the surrounding region.

Historically, the Western Coachella Valley, including the city of Desert Hot Springs, has been prone to flash flooding causing complete road closures at low water crossings along local and regional road arterials. Many of the crossings were identified in the District's 2014 West Desert Hot Springs Master Drainage Plan as locations that were subject to flooding. The DHS Bridges Over Water Crossings Project will help mitigate flooding hazards and maintain all road arterials open during rain events.

This Project is a critical project for the Desert Hot Springs community and its surrounding region. It will provide local and regional benefits for mitigating flood hazards, including maintaining proper and safe accessibility for residents, visitors, and public safety personnel to reach destinations in and out of the city of Desert Hot Springs and to its surrounding region.

Federal investment in the community through the construction of this Project would go a long way in benefiting the region for necessary traffic safety improvements.

Thank you for your continued support in bringing federal investment to our regional infrastructure challenges.

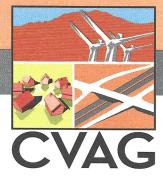
Very truly yours,

JASON E. UHLEY General Manager-Chief Engineer

EQ:JU:bad P8/237586 COACHELLA VALLEY ASSOCIATION OF GOVERNMENTS

73-710 Fred Waring Dr., Suite 200, Palm Desert, CA 92260 · (760) 346-1127 · www.cvag.org

April 11, 2021



Honorable Rep. Raul Ruiz United States House of Representatives 2205 Rayburn Building Washington, DC 20515

Dear Rep. Ruiz,

As Executive Director of the Coachella Valley Association of Governments (CVAG), I am writing in support of the City of Desert Hot Springs' request to secure federal funding for improvements to low-water crossings in the City. These areas frequently close during rain and wind events, and the limited accessibility causes major safety issues including accessing Desert Regional Medical Center, other healthcare facilities, schools, grocery stores, gas stations and residences.

CVAG is the planning agency coordinating regional government services in the Coachella Valley, and its membership includes the City of Desert Hot Springs. CVAG has worked extensively with the City and other officials to invest in our regional road network. In recent years, the City has been a partner on a CVAG-led study to take a new approach to regional roadways that are forced to closed during storms and major wind events, either due to flooding or reduced visibility from blowsand. This causes a major traffic issue for the Coachella Valley, causing increased response time for emergency services personnel and leaving people travelling to work, school, doctor's appointments and other locations stuck at a standstill.

In December 2000, CVAG finalized the "Flood and Blowsand Risk Assessment and Improvement Plan for the Western Coachella Valley." The goal was to identify, develop, and evaluate alternative concepts that provide a level of flood protection appropriate for the specific locations. The study identified a total of seven low-water crossings that need infrastructure improvements. They are located along Indian Canyon Drive, Dillon Road, Little Morongo Road and Two Bunch Palms Trail. To mitigate the flooding hazard and prevent the road closures, the crossings must be improved with bridges that divert the storm flows under the roadway and the roads to remain open during rain events. CVAG is currently working with the City to refine and advance the improvements identified in the study.

Federal funding for these bridges will allow the City of Desert Hot Springs to expedite needed improvements. Please do not hesitate to contact me at (760) 346-1127 or <u>tkirk@cvag.org</u> if you have questions or need additional information.

Sincerely,

Even felis

CVAG Executive Director



A Public Agency

April 13, 2021

Honorable Raul Ruiz United States House of Representatives 36th Congressional District 2342 Rayburn HOB Washington, DC 20515

RE: DHS Bridges Over Water Crossing Project

Dear Congressman Ruiz,

On behalf of SunLine Transit Agency, I am writing to you in support of the City of Desert Hot Springs' funding request for the DHS Bridges Over Water Crossings Project. The project includes the construction of seven bridges over low water crossings that are critical for the City of Desert Hot Springs and the surrounding region.

Historically, the Western Coachella Valley including the City of Desert Hot Springs has been prone to flash flooding and a natural sand migration process known as blow sand events. Flooding and blow sand events cause complete road closures at low water crossings along local and regional road arterials. The DHS Bridges Over Water Crossings Project will help mitigate flooding and blow sand hazards and maintain all road arterials open during rain and blow sand events.

This project is a critical project for the entire Desert Hot Springs community and its surrounding region. It will provide local and regional benefits for mitigating flood and blow sand hazards, including maintaining proper and safe accessibility for residents, visitors, and public safety personnel to reach destinations in and out of the City of Desert Hot Springs and to its surrounding region.

In November 2020, the Coachella Valley Association of Governments completed the Flood and Blow Sand Risk Assessment and Improvements Plan for Western Coachella Valley, in which all of the low water crossings in the DHS Bridges Over Water Crossings Project were identified as being critical crossings in need of improvements. As part of the study, preliminary engineered plans and estimates were completed for this project. The federal funds will help continue to move the project forward through the completion of construction.

Thank you for your consideration in federal investment for our local and regional infrastructure needs. If you have any questions regarding our support, please feel free to contact me at (760) 343-3456.

Sincerely,

Lauren Skiver CEO/General Manager



Office of City Manager

Isaiah Hagerman

April 13, 2021

The Honorable Dr. Raul Ruiz Member of Congress 2342 Rayburn HOB Washington, DC20515

RE: DHS Bridges Over Water Crossing Project

Dear Congressman Ruiz,

On behalf of the City of Rancho Mirage, I am writing to you in support of the City of Desert Hot Springs' funding request for the DHS Bridges Over Water Crossings Project. The project includes the construction of seven bridges over low water crossings that are critical for the City of Desert Hot Springs and the surrounding region.

Historically, the Western Coachella Valley including the City of Desert Hot Springs has been prone to flash flooding and a natural sand migration process known as blow sand events. Flooding and blow sand events cause complete road closures at low water crossings along local and regional road arterials. The DHS Bridges Over Water Crossings Project will help mitigate flooding and blow sand hazards and maintain all road arterials open during rain and blow sand events.

This project is a critical project for the entire Desert Hot Springs community and its surrounding region. It will provide local and regional benefits for mitigating flood and blow sand hazards, including maintaining proper and safe accessibility for residents, visitors, and public safety personnel to reach destinations in and out of the City of Desert Hot Springs and to its surrounding region.

In November 2020, the Coachella Valley Association of Governments completed the Flood and Blow Sand Risk Assessment and Improvements Plan for Western Coachella Valley, in which all of the low water crossings in the DHS Bridges Over Water Crossings Project were identified as being critical crossings in need of improvements. As part of the study, preliminary engineered plans and estimates were completed for this project. The federal funds will help continue to move the project forward through the completion of construction.

Thank you for your consideration in federal investment for our local and regional infrastructure needs. If you have any questions regarding our support, please feel free to contact me at (760) 324-4511.

Sincerely,

Isaiah Hazerman Isaiah Hagerman, City Manager City of Rancho Mirage

> 69-825 Highway 111 | Rancho Mirage | California 92270 760.324.4511 www.ranchomirageca.gov



### CITY OF COACHELLA 53990 Enterprise Way, Coachella, CA 92236

(760) 398-3502 • WWW.COACHELLA.ORG

April 13, 2021

The Honorable Raul Ruiz, M.D. United States House of Representatives 2342 Rayburn House Office Building Washington, DC 20515

Subject: Letter of Support – Desert Hot Springs (DHS) Bridges over the Low Water Crossings

On behalf of the City of Coachella, I am writing to you in support of the City of Desert Hot Springs' funding request for the DHS Bridges over Water Crossings Project. The project includes the construction of seven bridges over low water crossings that are critical for the City of Desert Hot Springs and the surrounding region.

Historically, the Western Coachella Valley including the City of Desert Hot Springs has been prone to flash flooding and a natural sand migration process known as blow sand events. Flooding and blow sand events cause complete road closures at low water crossings along local and regional road arterials. The DHS Bridges over Water Crossings Project will help mitigate flooding and blow sand hazards and maintain all road arterials open during rain and blow sand events.

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Sincerely

William B. Pattison, Jr. City Manager City of Coachella

# DHS Bridges Over Water Crossings

Exhibit 10 – 2021 Federal Transportation Improvement Program Project Sheet -RIV 210407

### SCAG 2021 Federal Transportation Improvement Program (\$000)

TIP ID RIV210407		Implemen	ting Agency	DESERT HO	T SPRINGS	;							
Project Description: In Coachella Valley in the city of Desert Hot Springs: Construct seven new bridges over water crossings; two along North Indian Canyon Drive between Pierson Blvd and HWY 62, two along Dillon Road between Little Morongo Road and Palm Drive, two along Little Morongo Road between Dillon Road and Mission Lakes Road, and one along Two Bunch Palms Trail between Little Morongo Road and Palm Drive. SCAG RTP Project #: REG0703 Study:N/A Is Model: Model #: PM: Daniel Porras - (760)329-6411 LS: N LS GROUP#: Conformity Category: NON-EXEMPT/ NOT MODELED													
System :Local Hwy Route : Postmile:	Distance: Phas	se: Environmenta	al Document/Pre-[	esign Phase (PA	ED)	Completion Date 12	2/30/2027						
Lane # Extd: Lane # Prop: Imprv Desc:			Air Basin:		c: ENVIRONM - 12/31/2023	IENTAL IMPACT STA	TEMENT						
Toll Rate: Toll Colc Loc: Toll Method: 0.00	Hov acs eg loc:	:	Uza: Indio City-Palm		Sub-Area:	Sub-Region:							
Program Code: CAX65 - NEW BRIDGE: RS Stop Loc:			CTIPS II	D:	EA #:	PPNO:							
	PHASE PRIOF	R 20/21	21/22 22/2	3 23/24	24/25	25/26 BEYOND	PROG TOTAL						
AGENCY	PE		\$3,315 \$1,	657			\$4,972						
	RW												
	CON				\$16,575		\$16,575						
	SUBTOTAL		\$3,315 \$1,	657	\$16,575		\$21,547						
	TOTAL	\$0 \$0	\$3,315 \$1	657 \$0	\$16,575	\$0	\$0 \$21,547						
	TOTAL PE: \$4,972	TOTAL	RW: \$0	TOTAL CON	: \$16,575	TOTAL PROGRAMM	IED: \$21,547						
- General Comment: - Modeling Comment: - TCM Comment: - Amendment Comment: 2021 FTIP A3: New project. - CMP Comment:													

- Narrative:

Last Revised Amendment 21-03 - In Progress

Change reason:NEW PROJECT

\$21,547 Total Project Cost