

Utility Crossing Inspection Program

OMRR&R - LMA RESPONSIBILITY
DWR DMP Phase I Eligibility

Reference ID (DS_ID): 23600

Detailed Field Report

NON-URGENT

Date of Survey: 02/26/2021

Crossing Status: Found

(Installed)

Completed by: Hannah Dunn

Location

San Joaquin County Flood Control and Water Conservation District - (NA0017)

A. LMA Info: San Joaquin County Flood Control and Water Conservation District - Unit No. 07 Bear Creek

B. Waterway: Bear Creek - Right Bank

C. Levee Type: Urban Levee

D. Current Levee Mile (CLM): 13.819

E. Historical Levee Mile (HLM): 14.356

F. GPS Coordinates: 38.116150, -121.172220

Other Information

A. Record Source:

12 : DWR Levee Log and USACE Operation and Maintenance Manual

B. Installed On/Before: 01/01/1967 [59 yrs]

C. Permit No: N/A

D. Related Permits: N/A

E. Issued To:

Structure Type

SD - Drainage (Storm Drain)

Accessible for viewing off East Kettleman Lane, Lodi, CA

Field Structure Description & Details

24-inch corrugated metal storm drainage pipe (CMP) through the levee, 6.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted outlet on the WS. [Additional Reference(s): DWR Levee Log, 1987, (HLM 14.37). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 14.37), 24-inch pipe listed].

Utility Crossing Risk Reduction Efforts

Sponsor(s): DWR Deferred Maintenance Program

Evaluation: Video Internal Inspection

Date Performed: 02/09/2024

Pipe Segment: LS to WS

Results: Structural PACP LOF Grade 1

Recommendation: Monitor

Rehab Completion Date:

Urgent Issue(s)

Non-Urgent Issue(s)

Low Priority - Paperwork/Compliance Issue

03/23/2021 (12b) Unauthorized Encroachment - Legacy crossing recorded in USACE O&M Manual or As-Built Drawings.

No Action Needed

04/09/2021 (20) Internal Pipe Inspection - Internal pipe inspection was completed, and no defects or minor defects were identified. Recommend another internal inspection in 5 years.

Comments

02/26/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, J. Caruso. (H. Dunn – GEI)

Utility Crossing Photos



02/26/2021 (NA0017U07 LM:13.819) : LS view:
LS headwall at toe from crown.



02/26/2021 (NA0017U07 LM:13.819) : LS view:
LS headwall at toe.



02/26/2021 (NA0017U07 LM:13.819) : LS view:
LS pipe.



02/26/2021 (NA0017U07 LM:13.819) : Levee
crown looking upstream.



02/26/2021 (NA0017U07 LM:13.819) : WS view:
WS headwall at toe from crown.



02/26/2021 (NA0017U07 LM:13.819) : WS view:
WS headwall and flapgate at toe.



02/26/2021 (NA0017U07 LM:13.819) : WS view:
WS flapgate.



05/14/2014 (NA0017U07 LM:13.819) : Pipe and
concrete headwall on LS toe.



05/14/2014 (NA0017U07 LM:13.819) : Pipe, flap
gate, cobble grouted outlet, and concrete headwall
on the WS toe.



05/14/2014 (NA0017U07 LM:13.819) : Pipe and concrete headwall on LS toe.



05/14/2014 (NA0017U07 LM:13.819) : Inside pipe from LS toe.



05/14/2014 (NA0017U07 LM:13.819) : Pipe, flap gate, cobble grouted outlet, and concrete headwall on the WS toe.

Utility Crossing Inspection Program

OMRR&R - LMA RESPONSIBILITY
DWR DMP Phase I Eligibility

Reference ID (DS_ID): 23601

Detailed Field Report

NO ACTION NEEDED

Date of Survey: 02/26/2021

Crossing Status: Found

(Installed)

Completed by:

Hannah Dunn

Location

San Joaquin County Flood Control and Water Conservation District - (NA0017)

A. LMA Info: San Joaquin County Flood Control and Water Conservation District - Unit No. 07 Bear Creek

B. Waterway: Bear Creek - Right Bank

C. Levee Type: Urban Levee

D. Current Levee Mile (CLM): 13.838

E. Historical Levee Mile (HLM): 14.375

F. GPS Coordinates: 38.116423, -121.172178

Other Information

A. Record Source:

12 : DWR Levee Log and USACE Operation and Maintenance Manual

B. Installed On/Before: 01/01/1967 [59 yrs]

C. Permit No: N/A

D. Related Permits: 12659

E. Issued To:

Structure Type

SD - Drainage (Storm Drain)

Accessible for viewing off East Kettleman Lane, Lodi, CA

Field Structure Description & Details

24-inch corrugated metal storm drainage pipe (CMP) through the levee, 8.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on the WS end. Cobble grouted outlet on the WS. 24-inch CMP drop inlet and cobble grouted intake on the landside (LS), no headwall. (Drainage ditch and 12-inch culverts adjacent to levee authorized under Permit No. 12659, 1979 - Richard Stasand). [Additional Reference(s): DWR Levee Log, 1987, (HLM 14.39). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 14.39), 24-inch pipe listed].

Utility Crossing Risk Reduction Efforts

Sponsor(s): DWR Deferred Maintenance Program

Evaluation: Video Internal Inspection

Date Performed: 02/28/2024

Pipe Segment: LS to WS

Results: Structural PACP LOF Grade 1

Recommendation: Monitor

Rehab Completion Date:

Urgent Issue(s)

Non-Urgent Issue(s)

No Action Needed

08/18/2025 (19) No Action Needed - No defects noted. Permit documentation requirements have been met, internal pipe inspection was completed, and no defects or minor defects were identified. Recommend another internal inspection in 5 years.

Comments

08/18/2025 Record updated from Non-Urgent to No Action Needed. Needed. Most recent DMP internal video inspection has found no or minor pipe defects. (O. Yakimov - DWR UCIP)

02/26/2021 Record record has been updated from No Action Needed to Non-Urgent. DWR DMP has found integrity issues, LOF between 4 and 5. Crossing will be monitored until funding becomes available for rehabilitation. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, J. Caruso. (H. Dunn GEI)

Utility Crossing Photos



02/26/2021 (NA0017U07 LM:13.838) : LS view:
LS toe inlet, surrounded by barbed wire.



02/26/2021 (NA0017U07 LM:13.838) : LS view:
LS toe pipe and inlet.



02/26/2021 (NA0017U07 LM:13.838) : Levee
crown looking downstream.



02/26/2021 (NA0017U07 LM:13.838) : WS view:
WS headwall at toe from crown.



02/26/2021 (NA0017U07 LM:13.838) : WS view:
WS headwall and flapgate at toe.



02/26/2021 (NA0017U07 LM:13.838) : WS view:
WS flapgate.



05/12/2014 (NA0017U07 LM:13.838) : Pipe,
flapgate, and headwall on WS slope.



05/12/2014 (NA0017U07 LM:13.838) : Pipe,
flapgate, and headwall on WS slope.



05/12/2014 (NA0017U07 LM:13.838) : Drop-inlet
on LS toe.

Utility Crossing Inspection Program

OMRR&R - LMA RESPONSIBILITY
DWR DMP Phase I Eligibility

Reference ID (DS_ID): 23778

Detailed Field Report

NON-URGENT

Date of Survey: 02/23/2021

Crossing Status: Found

(Installed)

Completed by:

Nicole Cholewinski

Location

San Joaquin County Flood Control and Water Conservation District - (NA0017)

A. LMA Info: San Joaquin County Flood Control and Water Conservation District - Unit No. 08 Bear Creek

B. Waterway: Bear Creek - Left Bank

C. Levee Type: Urban Levee

D. Current Levee Mile (CLM): 14.306

E. Historical Levee Mile (HLM): 14.691

F. GPS Coordinates: 38.116164, -121.171657

Other Information

A. Record Source:

12 : DWR Levee Log and USACE Operation and Maintenance Manual

B. Installed On/Before: 01/01/1967 [59 yrs]

C. Permit No: N/A

D. Related Permits: N/A

E. Issued To:

Structure Type

SD - Drainage (Storm Drain)

Accessible for viewing off East Kettleman Lane, Lodi, CA

Field Structure Description & Details

24-inch corrugated metal storm drainage pipe (CMP) through the levee, 4.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted outlet on the WS end. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1990, (HLM 14.69). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 14.69), 24-inch pipe listed].

Utility Crossing Risk Reduction Efforts

Sponsor(s): DWR Deferred Maintenance Program

Evaluation: Video Internal Inspection

Date Performed: 01/26/2024

Pipe Segment: LS to WS

Results: Structural PACP LOF Grade 1

Recommendation: Monitor

Rehab Completion Date:

Urgent Issue(s)

Non-Urgent Issue(s)

Low Priority - Paperwork/Compliance Issue

03/19/2021 (12b) Unauthorized Encroachment - Legacy crossing recorded in USACE O&M Manual or As-Built Drawings.

No Action Needed

04/02/2021 (20) Internal Pipe Inspection - Internal pipe inspection was completed, and no defects or minor defects were identified. Recommend another internal inspection in 5 years.

Comments

02/23/2021 Pipe status is still Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. The UCIP inspection was completed with LMA representative, J. Caruso. (N. Cholewinski - GEI)

05/21/2014 Some silt buildup inside pipe. (W. Wylie - DWR DMP)

Utility Crossing Photos



02/23/2021 (NA0017U08 LM:14.306) : Crown Overview



02/23/2021 (NA0017U08 LM:14.306) : LS View: Headwall on LS toe.



02/23/2021 (NA0017U08 LM:14.306) : LS View: Headwall at LS toe.



02/23/2021 (NA0017U08 LM:14.306) : LS View: Inside pipe at LS toe.



02/23/2021 (NA0017U08 LM:14.306) : WS View: Headwall on WS slope.



02/23/2021 (NA0017U08 LM:14.306) : WS View: Headwall and flapgate on WS slope.



02/23/2021 (NA0017U08 LM:14.306) : WS View: Headwall and flapgate on WS slope.



05/21/2014 (NA0017U08 LM:14.306) : Headwall, flap gate, and cobble grouted outlet on the WS slope.



05/21/2014 (NA0017U08 LM:14.306) : Headwall on LS toe.



05/21/2014 (NA0017U08 LM:14.306) : Headwall on LS toe.



05/21/2014 (NA0017U08 LM:14.306) : Inside pipe at LS toe. Note silt buildup.



05/21/2014 (NA0017U08 LM:14.306) : Headwall and flapgate on WS slope.

Utility Crossing Inspection Program

OMRR&R - LMA RESPONSIBILITY
DWR DMP Phase I Eligibility

Reference ID (DS_ID): 23779

Detailed Field Report

NON-URGENT

Date of Survey: 02/23/2021

Crossing Status: Found

(Installed)

Completed by:

Nicole Cholewinski

Location

San Joaquin County Flood Control and Water Conservation District - (NA0017)

A. LMA Info: San Joaquin County Flood Control and Water Conservation District - Unit No. 08 Bear Creek

B. Waterway: Bear Creek - Left Bank

C. Levee Type: Urban Levee

D. Current Levee Mile (CLM): 14.324

E. Historical Levee Mile (HLM): 14.709

F. GPS Coordinates: 38.116420, -121.171643

Other Information

A. Record Source:

12 : DWR Levee Log and USACE Operation and Maintenance Manual

B. Installed On/Before: 01/01/1967 [59 yrs]

C. Permit No: N/A

D. Related Permits: N/A

E. Issued To:

Structure Type

SD - Drainage (Storm Drain)

Accessible for viewing off East Kettleman Lane, Lodi, CA

Field Structure Description & Details

24-inch corrugated metal storm drainage pipe (CMP) through the levee, 6.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted outlet on the WS end. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1990, (HLM 14.70). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 14.70), 24-inch pipe listed].

Utility Crossing Risk Reduction Efforts

Sponsor(s): DWR Deferred Maintenance Program

Evaluation: Video Internal Inspection

Date Performed: 02/28/2024

Pipe Segment: LS to WS

Results: Structural PACP LOF Grade 1

Recommendation: Monitor

Rehab Completion Date:

Urgent Issue(s)

Non-Urgent Issue(s)

Low Priority - Paperwork/Compliance Issue

03/19/2021 (12b) Unauthorized Encroachment - Legacy crossing recorded in USACE O&M Manual or As-Built Drawings.

No Action Needed

04/02/2021 (20) Internal Pipe Inspection - Internal pipe inspection was completed, and no defects or minor defects were identified. Recommend another internal inspection in 5 years.

Comments

02/23/2021 Record was updated from No Action Needed to Non-Urgent . No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. The UCIP inspection was completed with LMA representative, J. Caruso. (N. Cholewinski - GEI)

Utility Crossing Photos



02/23/2021 (NA0017U08 LM:14.324) : Crown Overview - Utility across road.



02/23/2021 (NA0017U08 LM:14.324) : LS View: Headwall at LS toe.



02/23/2021 (NA0017U08 LM:14.324) : LS View: Headwall at LS toe.



02/23/2021 (NA0017U08 LM:14.324) : LS View: Accumulation of gravel at LS toe.



02/23/2021 (NA0017U08 LM:14.324) : LS View: Inside pipe at LS toe.



02/23/2021 (NA0017U08 LM:14.324) : WS View



02/23/2021 (NA0017U08 LM:14.324) : WS View: Headwall and flapgate on WS slope.



05/20/2014 (NA0017U08 LM:14.324) : Headwall on LS toe.



05/20/2014 (NA0017U08 LM:14.324) : Headwall and flapgate on WS toe.



05/20/2014 (NA0017U08 LM:14.324) : Headwall at LS toe.



05/20/2014 (NA0017U08 LM:14.324) : Inside pipe at LS toe.



05/20/2014 (NA0017U08 LM:14.324) : headwall and flapgate on WS slope.