APPENDIX F INITIAL SITE ASSESSMENT TRANSACTION SCREEN ASSESSMENT

Initial Site Assessment Transaction Screen Assessment

for

County Road R at Glenn Colusa Irrigation District (GCID) Canal Bridge Replacement

Br. No. 11C-0011

Federal Aid Project No. BRLO 5911(057)

Prepared For:



County of Glenn Public Works Agency

Talia Richardson
Interim Director of Public Works

777 N. Colusa Street Willows, CA 95988

Prepared By:



2400 Washington Avenue, Suite 101 Redding, California 96001

March 30, 2021

1. Project Information

Project Information							
Project Name County Road R at GCID Canal Bridge Replacement Project							
Dranarty Addrass	0.30 miles north of County Road 39						
Property Address	(Site Vicinity and Location Map – Attachment A)						
Total Acreage	Approximately 5.52 acre (Area of Potential Effect).						
	Including 0.38 acre (Potential staging to north)						
	Including 0.75 acre (Potential staging to south)						
Current Use	Bridge crossing of GCID Canal on local road (CR R)						
Purpose	Replace existing structurally deficient bridge with a new 2-lane 4-span, precast						
	voided slab bridge with cast-in-place deck. Replace/reconstruct approach						
	roadway to transition between the new construction and the existing roadway.						

2. Property Information

Property Information									
Historical Use									
	Year From:	Year To:	Property Use:						
	Early 1900's	Present	Roadway/bridge and rice farming						
	Prior to the early 1900's	early 1900's	Farming and grazing						
Adjacent Uses	North	Rice farming							
	South	Rice farming	Rice farming						
	East	Rice farming							
	West	Rice farming							
General Setting	Rural – Rice farming								
Topography	incised drainages betweer	older alluvial far oad R crosses the	portion of the county) which consists of ns and younger terraces. The project site e GCID canal which flows from northeast mately 130 feet NAVD88.						

3. Site Reconnaissance and Transaction Screen Checklist

Property Inspection Date	October 4, 2017 & Revisit October 10, 2020
Weather Condition	Sunny
Field Assessor	Gary Gordon, (530) 410-6520
Summary	Conducted a general field site visit with representatives from Caltrans, Glenn County, Willdan, and North State Resources during the project field review meeting. (An attendance sheet and notes for the field review meeting are provided as Attachment B and C.) Condition of the structure was noted. Adjacent uses include rice farming and a dirt airstrip adjacent to the road. The road will be closed during construction. Special studies will require a wetland delineation, ASR/HPSR, NES, BA, a discussion of noise impacts in the Initial Study/Mitigated Negative Declaration and an ISA Phase 1 Transaction Screen with database (Geotracker) search to address potential contaminants.

The ISA Transaction Screen checklist (Attachment D) completed for the project does not include any affirmative responses regarding potential contaminants that may be found on the subject property. This is a very rural area with agricultural land comprising the surrounding property. The nearest residence is over 1,700 feet from the project site. As such, the potential for typical contaminants found in rural areas, such as household hazardous waste and septic systems is extremely low.

Aerially Deposited Lead:

With the very low Average Daily Traffic, the nearest regional transportation corridor (Interstate-5) being approximately 5 miles away, and the practice of using lead as a gasoline component having been phased out since the late 1970's, the potential for aerially deposited lead is also extremely low. Any remaining traces of lead in the environment should be considered negligible. Accordingly, Caltrans SSP 7-1.02K (6)(j)(iii) – Earth Material Containing Lead will be incorporated into the construction contract.

Lead and Chromium in Paint:

Hazardous levels of lead and chromium are known to exist in yellow traffic stripes. If the material is removed by cold planning the roadway, the levels of lead and chromium will become non-hazardous. Caltrans Standard SSP 36-4 — Residue Containing High Lead Concentration Paints will be incorporated in the contract documents providing for the disposal of this material. This SSP will also require the contractor to develop a lead compliance plan. There is no yellow striping within the project limits.

White traffic striping is also known to contain non-hazardous levels of lead. There is currently white striping within the project limits to delineate the bridge as a one lane bridge. Approximately 170-LF of existing white stripe will be removed as part of the project.

The existing steel girder bridge may be painted with a lead-based paint that has the potential to be disturbed during the bridge removal process. The paint will be tested by the County at a later date for lead. Should lead based paint be found, Caltrans Standard SSP 14-11.13 – Disturbance of Existing Paint Systems on Bridges will be incorporated in the contract documents.

Wood Posts:

Hazardous chemicals are known to exist in the wood posts associated with metal beam guardrail and sign posts. All sign posts and guardrail posts within the project limits are metal posts. Caltrans SSP 14-11.14 – Treated Wood Waste will be incorporated into the construction contract as a precaution against treated wood being discovered on the site.

Asbestos:

Asbestos is not expected to be a potential issue. Most asbestos in rural bridges is typically found in: 1) shims for aluminum bridge rail, 2) in asbestos cement drain pipes, or 3) in the aggregate in concrete. The existing bridge does not utilize the type of bridge rail that is associated with asbestos shims and does not have any pipe drains. The concrete in the structure will be tested by the County at a later date; however, asbestos is not expected to be found as six tests within the last few years on structures of a

similar age had negative results. If tests on the concrete should indicate the presence of asbestos, Caltrans SSP 14-11.16 – Asbestos Containing Construction Material in Bridges will be incorporated into the construction contract.

Residential Substances:

Potential contaminants from adjacent off-site properties would be minimal as the adjacent properties are also utilized for farming with one residence located approximately 1,700 feet south of the project. As the one residence is most likely on a septic system for sewage disposal, a spill or leak could pose a potential health and safety concern in its immediate vicinity; however, in the unlikely event that a spill or leak were to occur, the spill or leak would not be of such a magnitude that it would reach the project site and, if it should, there would be an effective response by trained safety personnel who would implement appropriate measures to contain the event and provide cleanup afterwards.

Similarly, residential households may contain paint and other hazardous substances that could contaminate the soil in their immediate vicinity, but due to the distance of the nearest residence from the project site, any impact from this would be highly remote.

The proposed project will not increase the risks associated with the potential concerns noted above as the project would not impact this property in such a manner to facilitate or increase the likelihood of these substances being released during construction or operation.

4. Regulatory Database Review (Envirostor/Geotracker)

An Envirostor and Geotracker database search was performed and did not identify any potential sites of concern within a one-mile radius of the project. Both results of the Envirostor and Geotracker search are included in Attachment E and F, respectively.

5. Findings and Conclusions

The ISA Transaction Screen Assessment (ISA-TSA) checklist is, by its very nature, limited in scope. Therefore, this investigation is intended to reduce, but not eliminate uncertainty regarding the presence of *potential environmental concerns* in connection with the subject property.

This ISA-TSA revealed the following information regarding the subject property:

The subject property is located approximately 5.3 miles east of Interstate 5 (I-5) and 8.5 miles
northeast of the town of Willows in Glenn County, California. The subject property
encompasses a 5.52-acre Environmental Study Limit (ESL) that is located on and adjacent to
County Road R at GCID Canal. (Aerial Photograph – Attachment G)

County Road R at GCID Canal Bridge Replacement
BRLO 5911(057)
ISA Transaction Screen

- The subject property within the ESL contains a paved two-lane roadway with an existing bridge
 crossing the GCID Canal that was constructed in the 1950's. Also in the ESL is a total of 1.680
 acres of waters of the United States including irrigation canal, vegetated ditch, and rice
 field/managed wetland.
- The adjoining properties consist of rural farmland, and one single-family residential property to the south.
- The subject property is not identified on Envirostor and Geotracker regulatory database lists.
- None of the adjoining properties were noted on Envirostor and Geotracker regulatory database lists.
- No areas of environmental concern were noted within the scope of this investigation.

WILLDAN has performed an ISA Transaction Screen Assessment, in conformance with the provisions of *Caltrans Initial Site Assessment Guidance Document (September 2006)*.

Within the scope of this investigation, WILLDAN discovered no evidence of potential environmental concerns in connection with the subject property which suggest the need for further investigation at this time.

List of Attachments

Attachment A – Site Vicinity and Location Map

Attachment B – Field Assessment Attendees, October 4, 2017

Attachment C – Field Assessment Field Notes, October 4, 2017

Attachment D – Initial Site Assessment Transaction Screen Checklists (Subject Property/Adjacent Properties)

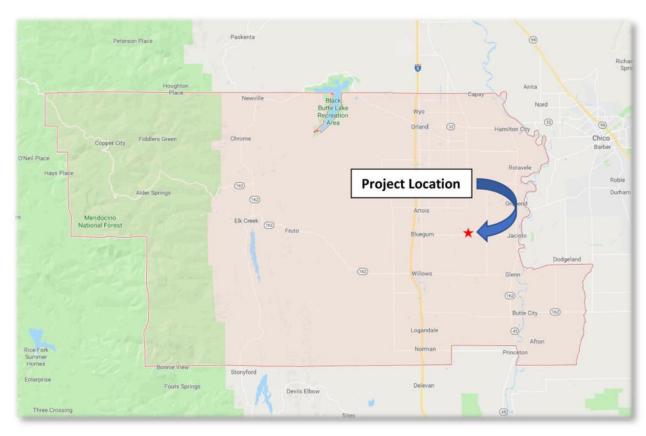
Attachment E - Envirostor Database Review

Attachment F – Geotracker Database Review

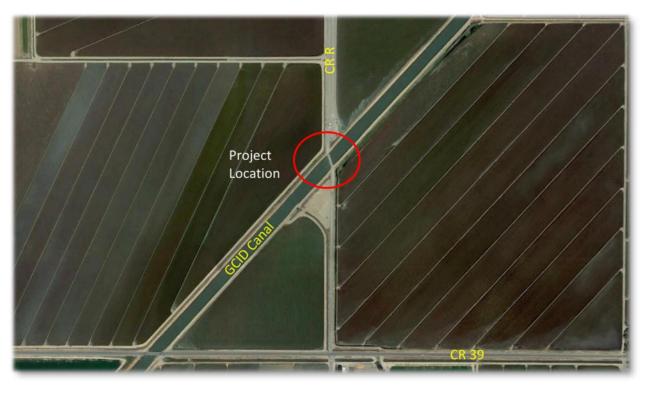
Attachment G – Aerial Photograph

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Site Vicinity and Location Map



LOCATION MAP



VICINITY MAP

ATTACHMENT B

Field Assessment Attendees October 4, 2017

COUNTY OF GLENN GCID CANAL BRIDGE REPLACEMENT PROJECT ON COUNTY ROAD R

SITE MEETING ATTENDESS

October 4, 2017

Willdan Engineering:

Gary Gordon, Project Manager/Project Engineer Terry Abbot, QA/QC Manager/Caltrans Liaison Joseph DeMartini, Bridge Engineer Richard Uhlmann, Senior Designer

County of Glenn:

Matt Gomes, Deputy Director Cole Grube, Associate Engineer Sam Lee, Engineering Tech I

Caltrans

Chris Carroll, State Environmental Lead William Larson, State Archeological Lead Brooks Taylor, State Biological Lead

North State Resources

Mark Wuestehube, Environmental Project Manager Tim Hanson, Biologist

ATTACHMENT C

Field Assessment Notes October 4, 2017

COUNTY OF GLENN BRIDGE REPLACEMENT PROJECT

CR R at GCID CANAL Fed Aid No. BRLO 5911(057)

SITE MEETING NOTES

October 4, 2017

I. Attending

- a. County of Glenn
 - 1. Matt Gomes, Deputy Director
 - 2. Cole Grube, Associate Engineer
 - 3. Sam Lee, Engineering Tech I
- b. Willdan Engineering
 - 1. Gary Gordon, Project Manager/Project Engineer
 - 2. Terry Abbott, QA/QC Manager/Caltrans Liaison
 - 3. Joseph DeMartini, Bridge Engineer
 - 4. Richard Uhlmann, Road Designer
- c. North State Resources
 - 1. Mark Wuestehube, Environmental Project Manager
 - 2. Tim Hanson, Biologist
- d. Caltrans
 - 1. Chris Carroll, State Environmental Lead
 - 2. William Larson, State Archeological Lead
 - 3. Brooks Taylor, State Biological Lead

II. Site Notes

- a. Site located on County Road R at the GCID Canal approximately 0.3 miles north of the intersection with County Road 39
- b. Canal typically rises in the summer, and lowers during the rainy season
- c. Minimal traffic
- d. Surrounded by farmland
- e. The bridge will be constructed on basically the same alignment, with the angle points at the end of the bridge replaced with horizontal curves to meet current AASHTO standards.
- f. The roadway will be closed during construction, and traffic detoured.

III. Construction Notes

- a. New bridge will be a two-lane structure to accommodate two lane approaches
- b. Existing bridge will be removed

IV. Environmental Notes

- a. Need Location Hydraulic Study, Floodplain Evaluation Report, Floodplain Encroachment Report
- b. Need Wetlands Delineation and Assessment

County Road R at GCID Canal Bridge Replacement BRLO 5911(057) ISA Transaction Screen

- c. Need NES
- d. Need Biological Assessment
- e. Need ASR/HPSR
- f. Need hazardous waste Initial Site Assessment
 - 1. ISA Transaction Screen acceptable
- g. Need typical permits: ACOE 404, CDFW 1602, RWQCB 401

ATTACHMENT D

Initial Site Assessment – Transaction Screen Checklist (Subject/Adjacent Properties) INITIAL SITE ASSESSMENT - TRANSACTION SCREEN FORM (SUBJECT PROPERTY

INITIAL SITE ASSESSMENT - IF			EEN FOR		ECT PRO	PERIT)	0			••	Transacti C
Caltrans Project: BRLO 5911 (057)		nental List		Owner			Occupant			ite	Transaction Screen
APN: Br. No. 11C-0011/CRR/GCID CANAL		arch		Interview			Interview			aissance	Completion
Property Owner: COUNTY OF GLENN		Geotracker	Publ	lic Works A	gency	Pub	lic Works A	gency		Gordon	Gary Gordon
Property Occupant: PWA	9/1	7/20		10-04-17			10-04-17		10-0)4-17	10/17/20
Evidence of the following on the Subject Property?	Yes	No	Yes	No	Unknown	Yes	No	Unknown	Yes	No	Comments on all "Yes" or "unknown" Answers Does this condition represent a PEC?
Current Industrial Land Use										\bowtie	
2. Historical Industrial Use		\boxtimes									
3. Gasoline Station										\bowtie	
4. Motor Repair Facility										\boxtimes	
5. Commercial Printing Facility										\boxtimes	
6. Dry Cleaner										\boxtimes	
7. Photo Developing Laboratory										\boxtimes	
8. Junkyard										\boxtimes	
9. Landfill										\boxtimes	
10. Waste Generation/Accumulation										\boxtimes	
11. Waste Treatment/Disposal/Recycling										\bowtie	
12. Wastewater Disposal (non-Sewage)										\boxtimes	
13. Sewage Disposal										\boxtimes	
14. Automotive/Industrial Batteries										\boxtimes	
15. Pesticides										\boxtimes	
16. Paint/Other Chemicals										\bowtie	
17. Drums/Sacks										\boxtimes	
18. Storage of Petroleum Products										\boxtimes	
19. Storage of Hazardous Substances										\bowtie	
20. Imported Fill Soil										\bowtie	
21. Pits, Ponds, or Lagoons										\bowtie	
22. Stained Soil										\bowtie	

Page 2 of 2 INITIAL SITE ASSESSMENT - TRANSACTION SCREEN FORM (SUBJECT PROPERTY) Occupant Site Transaction Screen Caltrans Project: BRLO 5911 (057) **Environmental List** Owner Search Interview Interview Reconnaissance Completion APN: Br. No. 11C-0011/CRR/GCID CANAL Envirostor/Geotracker Public Works Agency Public Works Agency Gary Gordon Gary Gordon Property Owner: COUNTY OF GLENN Property Occupant: PWA 9/17/20 10-04-17 10-04-17 10-04-17 10/17/20 Evidence of the following on the adjacent Comments on all "Yes" and "Unknown" Answers properties? Yes No Yes No Unknown Yes No Unknown Yes No Does this condition represent a PEC? 23. Underground Storage Tanks, \boxtimes Aboveground Storage Tanks, Vents, Fill Pipes, Access Ways \boxtimes 24. Leaks or Spills 25. Floor Drains/Staining at Walls/Ceiling \boxtimes \boxtimes 26. Contaminated Well Water \boxtimes 27. Environmental Liens \boxtimes 28. Environmental Violation Notices \boxtimes 29 Environmental Site Assessment \boxtimes 30. Environmental Law Suits \boxtimes 31. Waste Burial 32. PCB-Containing Transformers or \boxtimes Capacitors 33. Burn Dump \boxtimes 34. Other Evidence of Petroleum \boxtimes Releases 35. Other Evidence of Hazardous \boxtimes Substance Releases 36. Potential for Aerially-Deposited Lead \boxtimes 37. Evidence of Naturally Occurring \boxtimes Asbestos 38. Asbestos Containing Materials \boxtimes 39. Thermoplastic Traffic Striping \boxtimes

Approval:		
	Preparer	Date

Note: Form generally developed from ASTM 1528-06 "Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process."

INITIAL SITE ASSESSMENT - TRANSACTION SCREEN FORM (ADJACENT PROPERTY)

Caltrans Project: BRLO 5911 (057) APN: Br. No. 11C-0011/CRR/GCID CANAL	Environmental List Search		Owner Interview			Occupant Interview				ite aissance	Transaction Screen Completion
	Envirostor/		Publ	ic Works A	gency	Publ	ic Works Ag	gency	Gary C		Gary Gordon
Property Occupant: PWA	9/1	7/20		10-04-17	,		10-04-17		10-0	4-17	10/17/20
Evidence of the following on the adjacent											Comments on all "Yes" and "Unknown" Answers
properties?	Yes	No	Yes	No	Unknown	Yes	No	Unknown	Yes	No	Does this condition represent a PEC?
Current Industrial Land Use										\boxtimes	
2. Historical Industrial Use		\boxtimes									
3. Gasoline Station										\boxtimes	
4. Motor Repair Facility										\boxtimes	
5. Commercial Printing Facility										\boxtimes	
6. Dry Cleaner										\boxtimes	
7. Photo Developing Laboratory										\boxtimes	
8. Junkyard										\boxtimes	
9. Landfill										\boxtimes	
10. Waste Generation/Accumulation										\boxtimes	
11. Waste Treatment/Disposal/Recycling										\boxtimes	
12. Wastewater Disposal (non-Sewage)										\boxtimes	
13. Sewage Disposal										\boxtimes	
14. Automotive/Industrial Batteries										\boxtimes	
15. Pesticides										\boxtimes	
16. Paint/Other Chemicals										\boxtimes	
17. Drums/Sacks										\boxtimes	
18. Storage of Petroleum Products										\boxtimes	
19. Storage of Hazardous Substances										\boxtimes	
20. Imported Fill Soil										\boxtimes	
21. Pits, Ponds, or Lagoons										\boxtimes	
22. Stained Soil										\boxtimes	

INITIAL	SITE ASSESSMENT	TRANSACTION S	CDEEN EODM	(AD IACENT	DDODEDTV)
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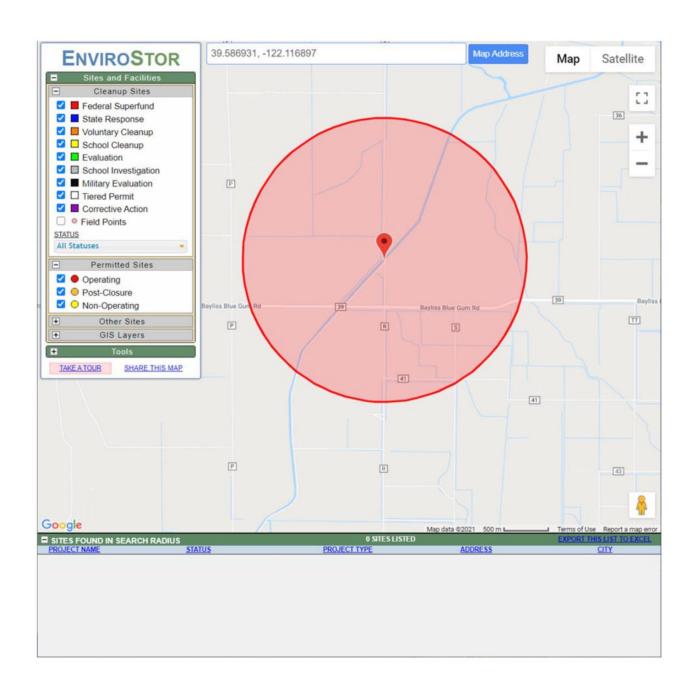
INITIAL SITE ASSESSMENT - TR	ANSACT	ION SCR	EEN FOR	M (ADJA	CENT PR	OPERTY)				Page 2 of 2
Caltrans Project: BRLO 5911 (057)	Environm	ental List		Owner			Occupant		Si	ite	Transaction Screen
APN: Br. No. 11C-0011/CRR/GCID CANAL	Sea	-		Interview			Interview			aissance	Completion
1 - 2	Envirostor/0					Public Works Agency			Gary Gordon		Gary Gordon
Property Occupant: PWA	9/17	7/20		10-04-17			10-04-17		10-0	4-17	10/17/20
Evidence of the following on the adjacent					l						Comments on all "Yes" and "Unknown" Answers
properties?	Yes	No	Yes	No	Unknown	Yes	No	Unknown	Yes	No	Does this condition represent a PEC?
23. Underground Storage Tanks, Aboveground Storage Tanks, Vents, Fill Pipes, Access Ways		\boxtimes									
24. Leaks or Spills		\boxtimes									
25. Floor Drains/Staining at Walls/Ceiling										\bowtie	
26. Contaminated Well Water		\bowtie									
27. Environmental Liens				\bowtie							
28. Environmental Violation Notices				\boxtimes							
29 Environmental Site Assessment				\bowtie							
30. Environmental Law Suits				\bowtie							
31. Waste Burial				\bowtie							
32. PCB-Containing Transformers or Capacitors										\bowtie	
33. Burn Dump										\bowtie	
34. Other Evidence of Petroleum Releases										\boxtimes	
35. Other Evidence of Hazardous Substance Releases		\boxtimes									
36. Potential for Aerially-Deposited Lead										\bowtie	
37. Evidence of Naturally Occurring Asbestos										\boxtimes	
38. Asbestos Containing Materials										\boxtimes	
39. Thermoplastic Traffic Striping										\boxtimes	
Approval:											

Preparer Date

Note: Form generally developed from ASTM 1528-06 "Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process."

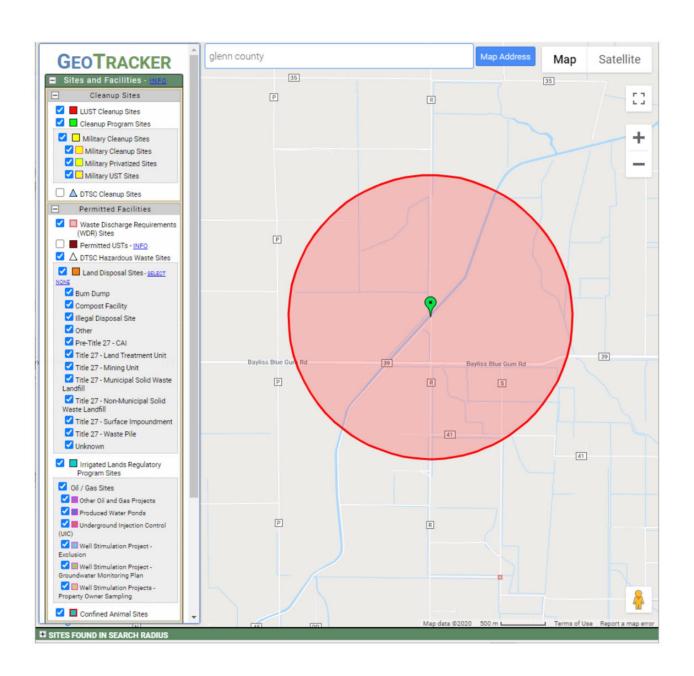
ATTACHMENT E

Envirostor Database Review



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Geotracker Database Review



ATTACHMENT G

Aerial Photographs

County of Glenn
Public Works Agency
CR R at GCID Canal Bridge Replacement
Fed Aid No. BRLO 5911(057)



Aerial Photo