

APPENDIX G

Friant-Kern Canal Middle Reach Capacity Correction Project

**Land Use Zoning and Farmland
Mapping and Monitoring
Program Figures**



— BUREAU OF —
RECLAMATION

Bureau of Reclamation
Interior Region 10 California-Great Basin
California*, Nevada*, Oregon*
***Partial**



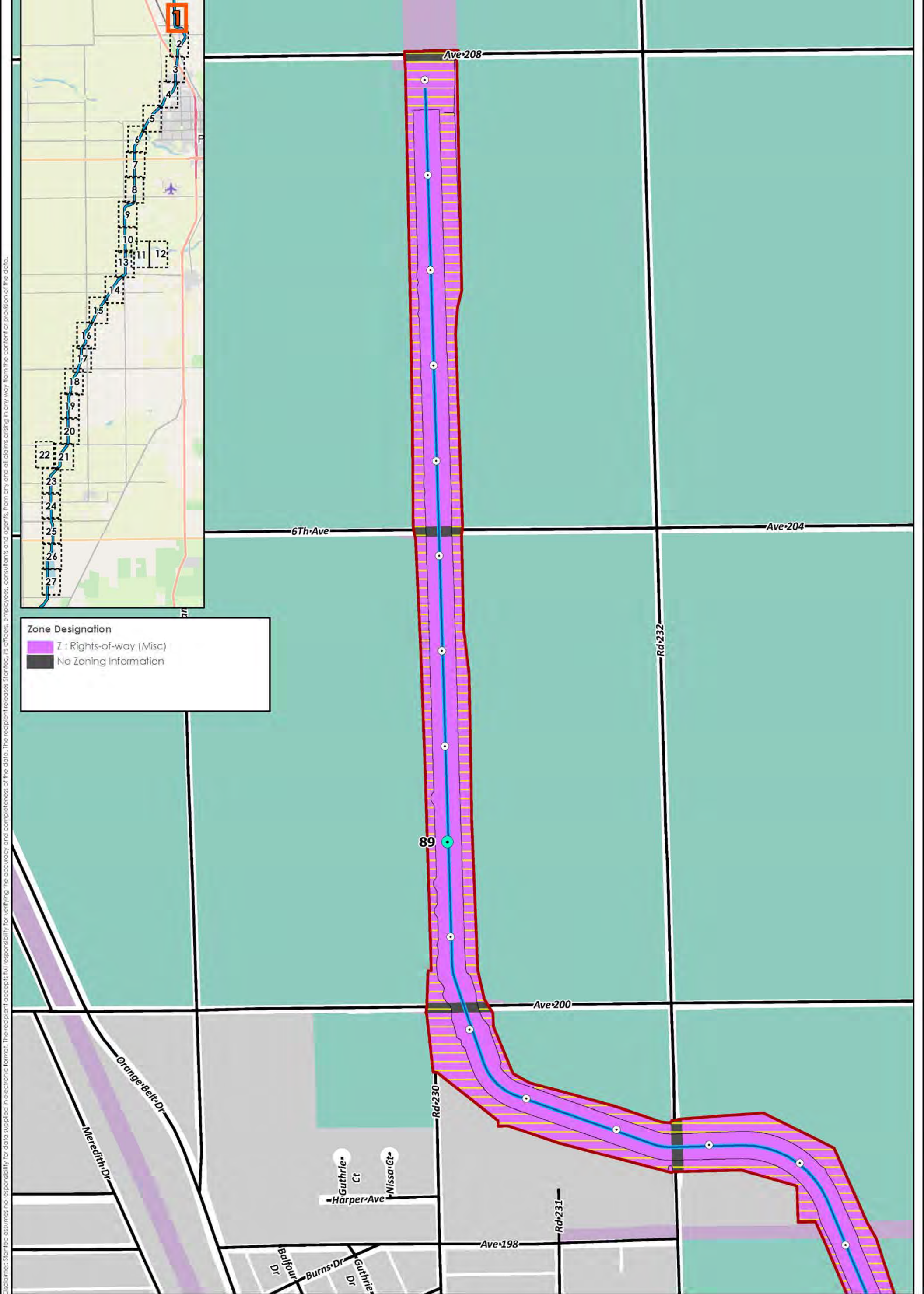
September 2020

1 Figures G1 and G2 in this appendix provide illustrations of the land use zoning designations as
2 designated by the counties of Tulare and Kern and City of Porterville mapped within the Project
3 area specific to the Canal Enlargement and Realignment and the Canal Enlargement Alternatives
4 for the Friant-Kern Canal Middle Reach Capacity Correction Project (Project). Figures G3 and
5 G4 illustrate the Important Farmland as classified by Department of Conservation within the
6 Project area specific to the two alternatives.

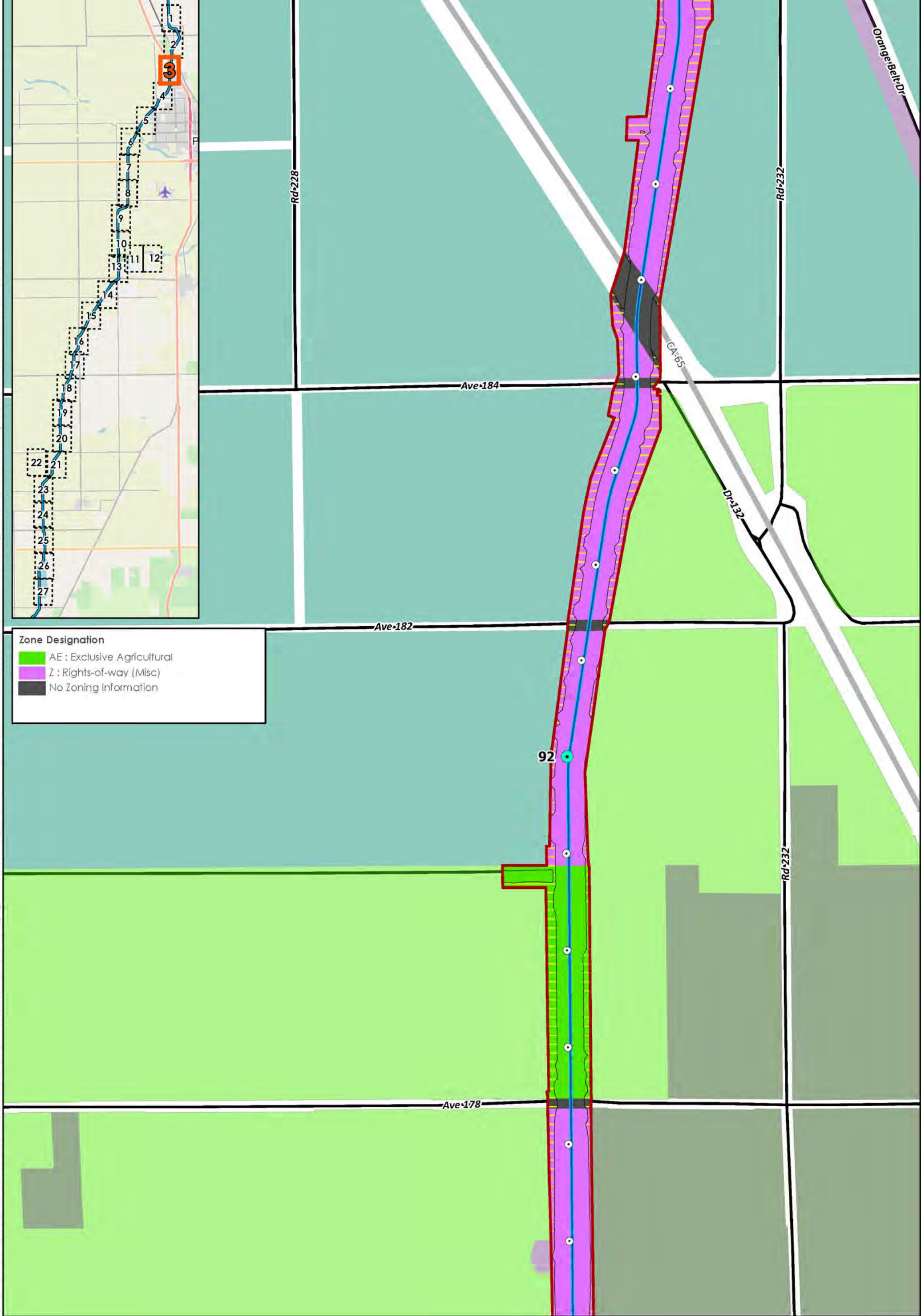
	Area (acre)		
Subset	Tulare - Permanent	Kern - Permanent	Permanent Impacts
<i>All Zoning</i>	532.93	0.00	532.93
Agricultural/Conservation (AC) [Porterville]	14.97	0.00	14.97
Exclusive Agriculture (AE)	0.00	0.00	0.00
Exclusive Agriculture (AE-20)	393.93	0.00	393.93
Exclusive Agriculture (AE-40)	112.30	0.00	112.30
Rural Residential (R-A)	0.00	0.00	0.00
Right-of-Way (Miscellaneous) (Z)	10.01	0.00	10.01
No Zoning Information	1.72	0.00	1.72

	Area (acre)		
Subset	Tulare - Temporary	Kern - Temporary	Temporary Impacts
<i>All Zoning</i>	954.96	53.47	1,008.43
Agricultural/Conservation (AC) [Porterville]	112.64	0.00	112.64
Exclusive Agriculture (AE)	2.51	10.13	12.64
Exclusive Agriculture (AE-20)	380.79	0.00	380.79
Exclusive Agriculture (AE-40)	338.07	0.00	338.07
Rural Residential (R-A)	0.08	0.00	0.08
Right-of-Way (Miscellaneous) (Z)	100.80	0.00	100.80
No Zoning Information	20.07	43.34	63.41

	Area (acre)		
Subset	Total Area	Tulare	Kern
<i>All Zoning</i>	2,695.67	2,493.75	201.92
Agricultural/Conservation (AC) [Porterville]	129.38	129.38	0.00
Exclusive Agriculture (AE)	106.90	7.53	99.37
Exclusive Agriculture (AE-20)	1,472.68	1,472.68	0.00
Exclusive Agriculture (AE-40)	549.46	549.46	0.00
Rural Residential (R-A)	0.08	0.08	0.00
Right-of-Way (Miscellaneous) (Z)	284.17	284.17	0.00
No Zoning Information	153.00	50.45	102.55



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FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT
Canal Enlargement and Re-alignment Alternative

- Potential Impacts**
- | | |
|--------------|--|
| Project Area | Proposed Canal Re-alignment Centerline |
| No Impact | Mile Post |
| Permanent | Tenth-of-Mile |
| Temporary | |

Figure No.
G1: Sheet 3 of 27

Title
Impacts by Zone Designation

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

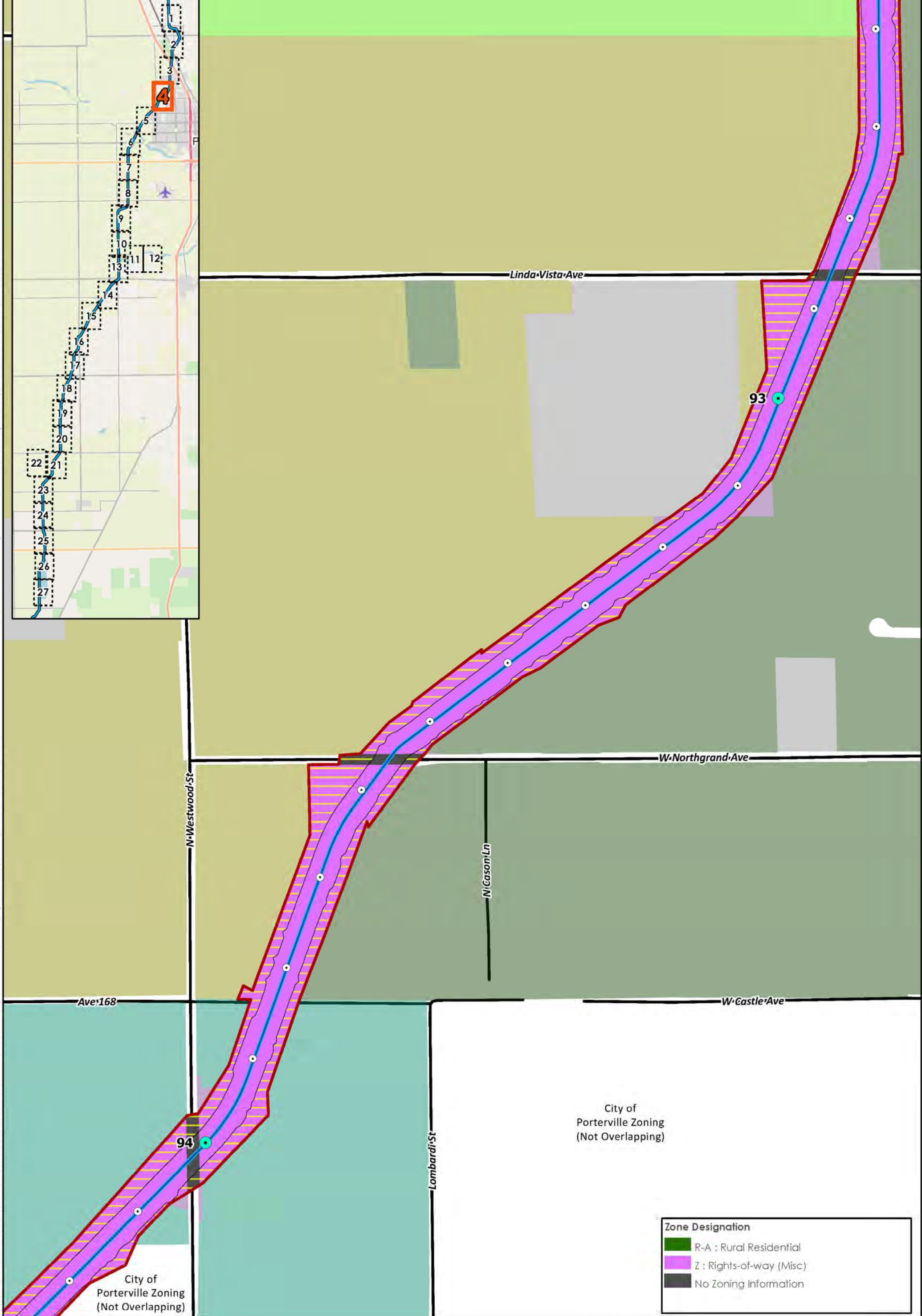
184031016
Prepared by SCP
(2020-03-26)



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Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

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FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT
Canal Enlargement and Re-alignment Alternative

- Project Area

Potential Impacts

No Impact

Permanent

Temporary
- Proposed Canal Re-alignment Centerline

Mile Post

Tenth-of-Mile

Figure No.
G1: Sheet 4 of 27

Title
Impacts by Zone Designation

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

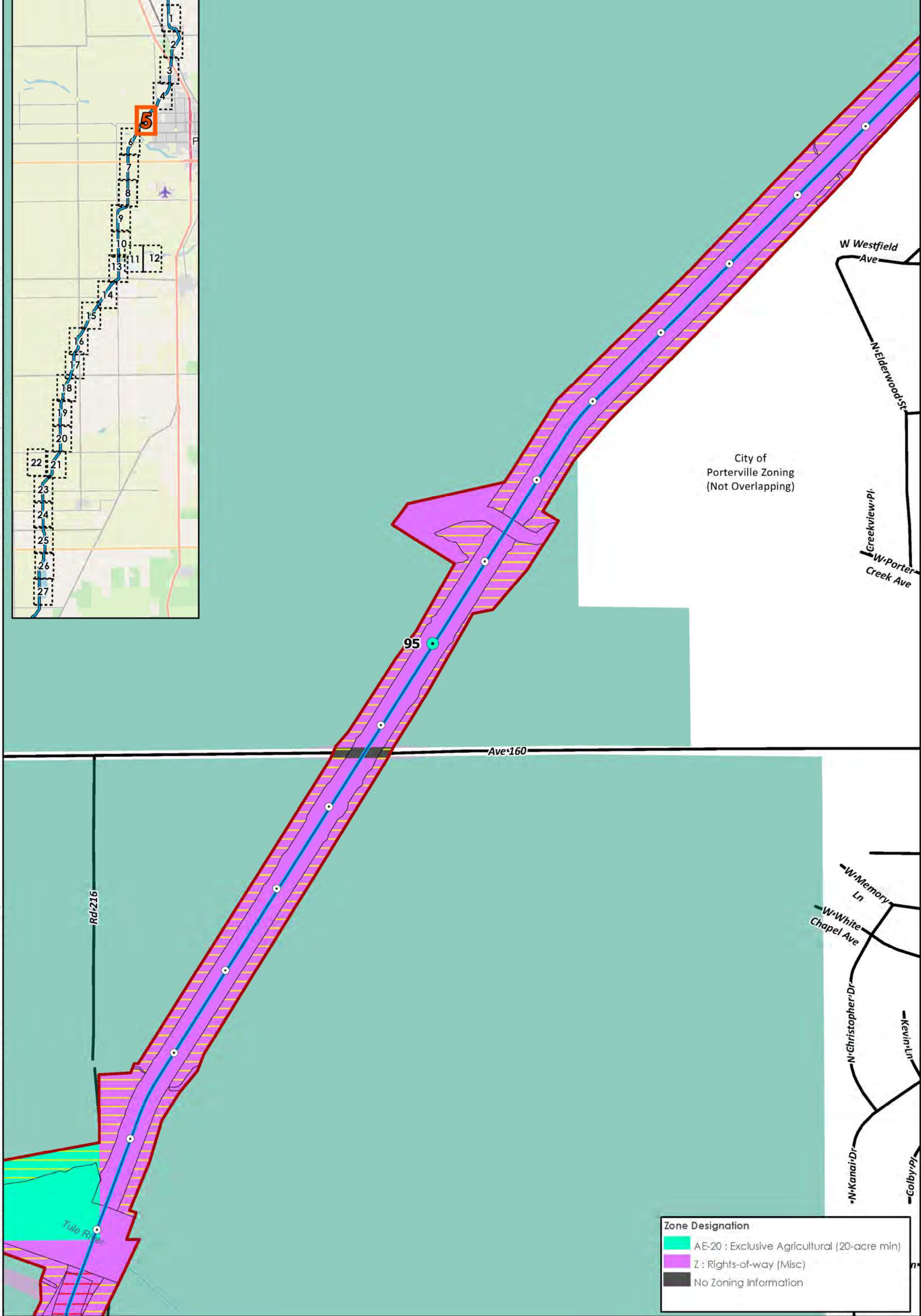
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Friant Water Authority
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FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT Canal Enlargement and Re-alignment Alternative

- Potential Impacts**
- Project Area
 - Proposed Canal Re-alignment Centerline
 - No Impact
 - Permanent
 - Temporary
 - Mile Post
 - Tenth-of-Mile

Figure No.
G1: Sheet 5 of 27

Impacts by Zone Designation

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

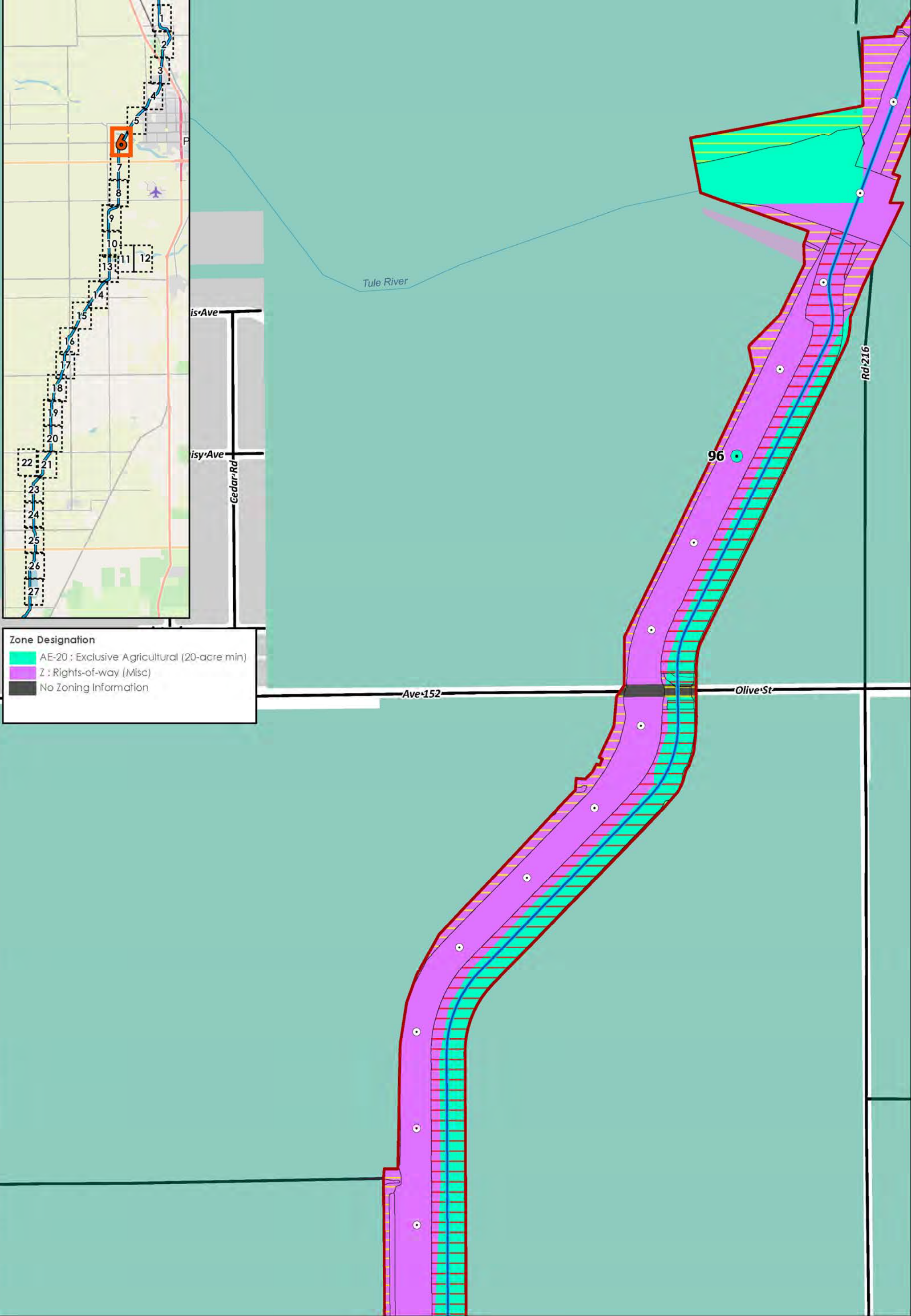
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FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT
Canal Enlargement and Re-alignment Alternative

- Project Area
- Potential Impacts
- No Impact
 - Permanent
 - Temporary
- Proposed Canal Re-alignment Centerline
- Mile Post
 - Tenth-of-Mile

Figure No.
G1: Sheet 6 of 27

Title
Impacts by Zone Designation

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

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Client/Project
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Friant-Kern Canal Middle Reach Capacity Correction Project

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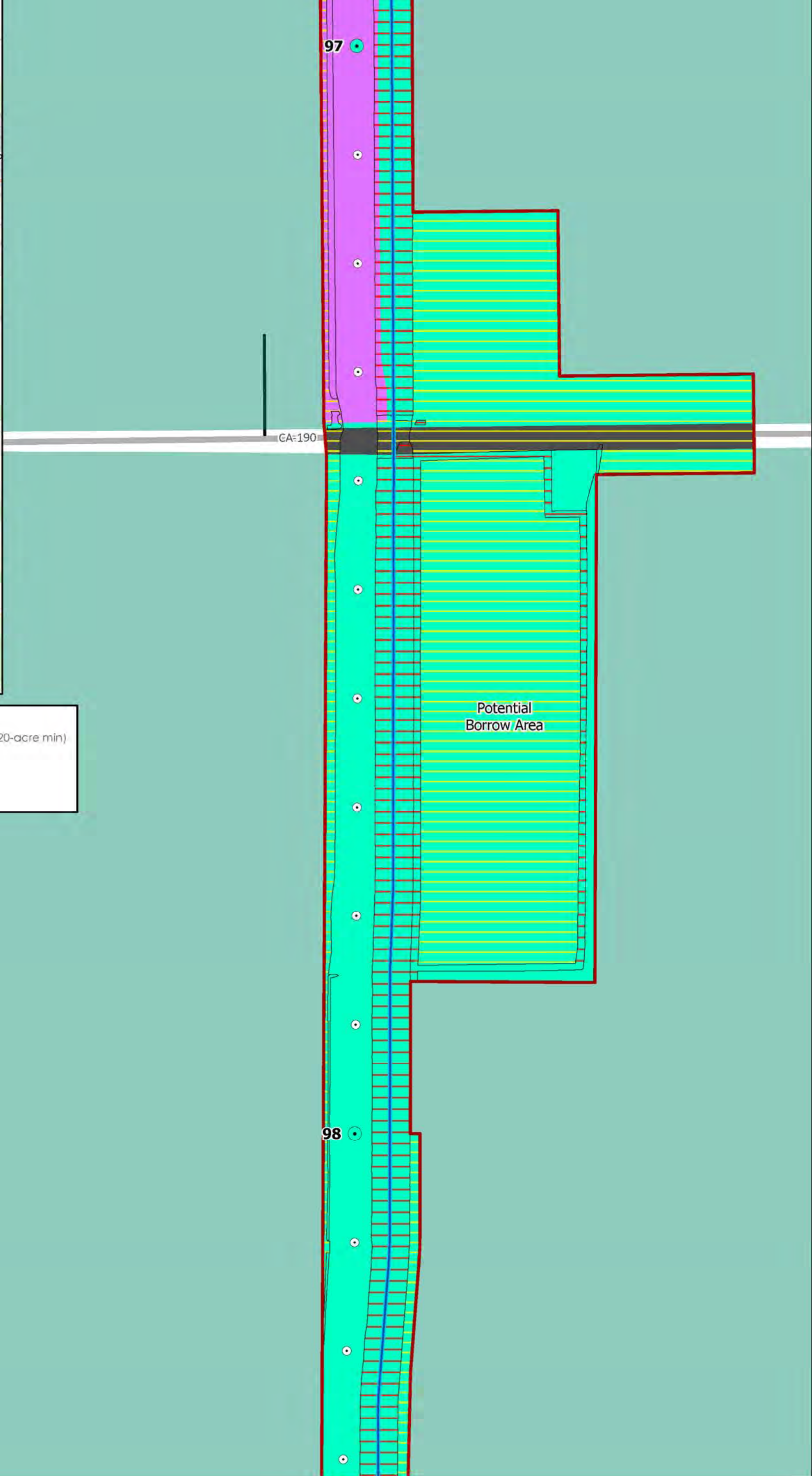


Zone Designation

AE-20 : Exclusive Agricultural (20-acre min)

Z : Rights-of-way (Misc)

No Zoning Information



FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT

Canal Enlargement and Re-alignment Alternative

Project Area

Proposed Canal Re-alignment Centerline

Potential Impacts

No Impact

Permanent

Temporary

Mile Post

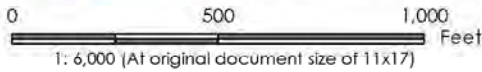
Tenth-of-Mile

Figure No.
G1: Sheet 7 of 27

Impacts by Zone Designation

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

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Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

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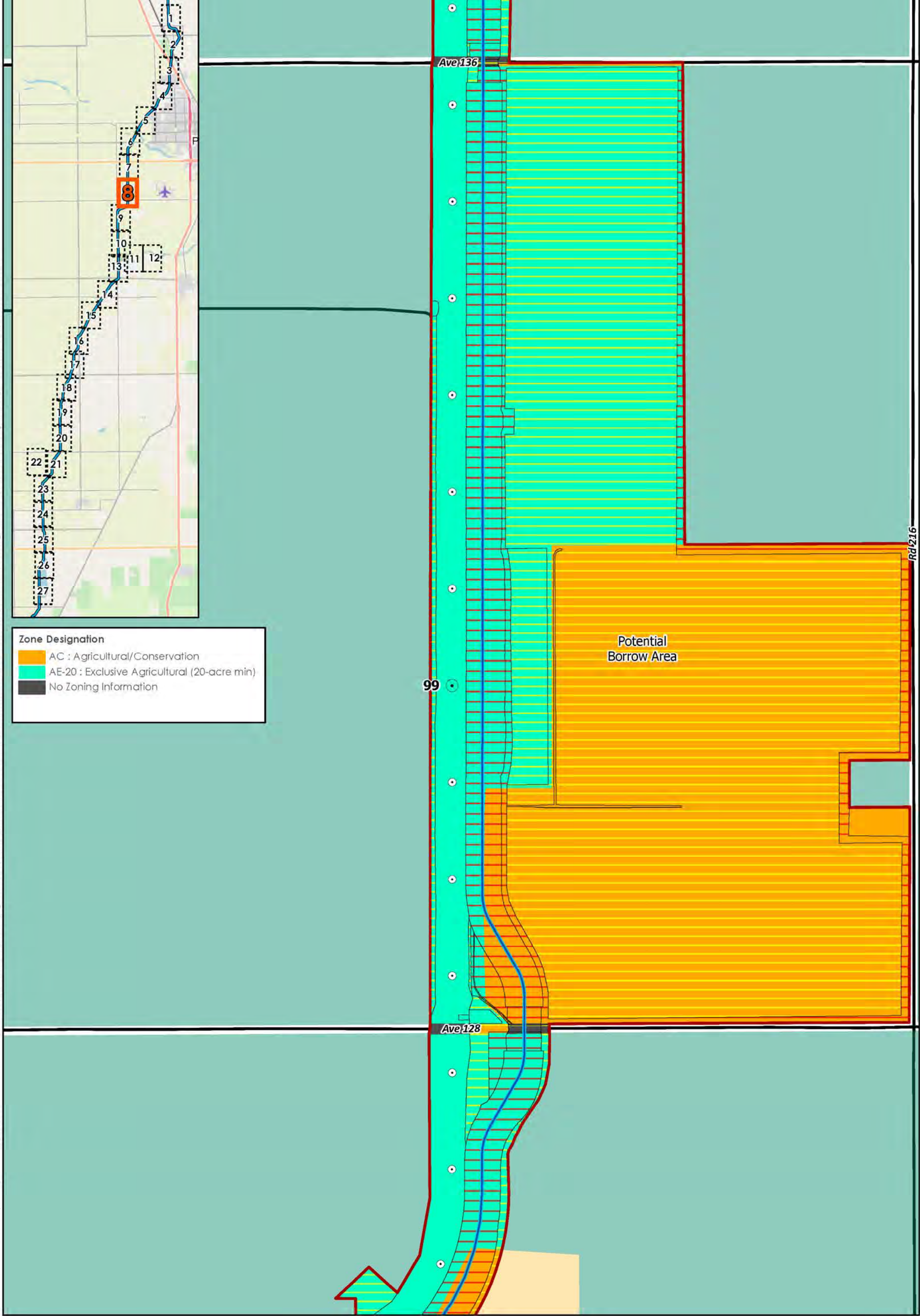


Zone Designation

AC : Agricultural/Conservation

AE-20 : Exclusive Agricultural (20-acre min)

No Zoning Information



FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT

Canal Enlargement and Re-alignment Alternative

Project Area

Proposed Canal Re-alignment Centerline

Potential Impacts

No Impact

Permanent

Temporary

Mile Post

Tenth-of-Mile

Figure No.

G1: Sheet 8 of 27

Impacts by Zone Designation

Project Location 184031016
Tulare and Kern Counties, CA Prepared by SCP
7.5' USGS Quadrangles (2020-03-26)
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

Friant

Water Authority

Stantec

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Client/Project

Friant Water Authority

Friant-Kern Canal Middle Reach Capacity Correction Project

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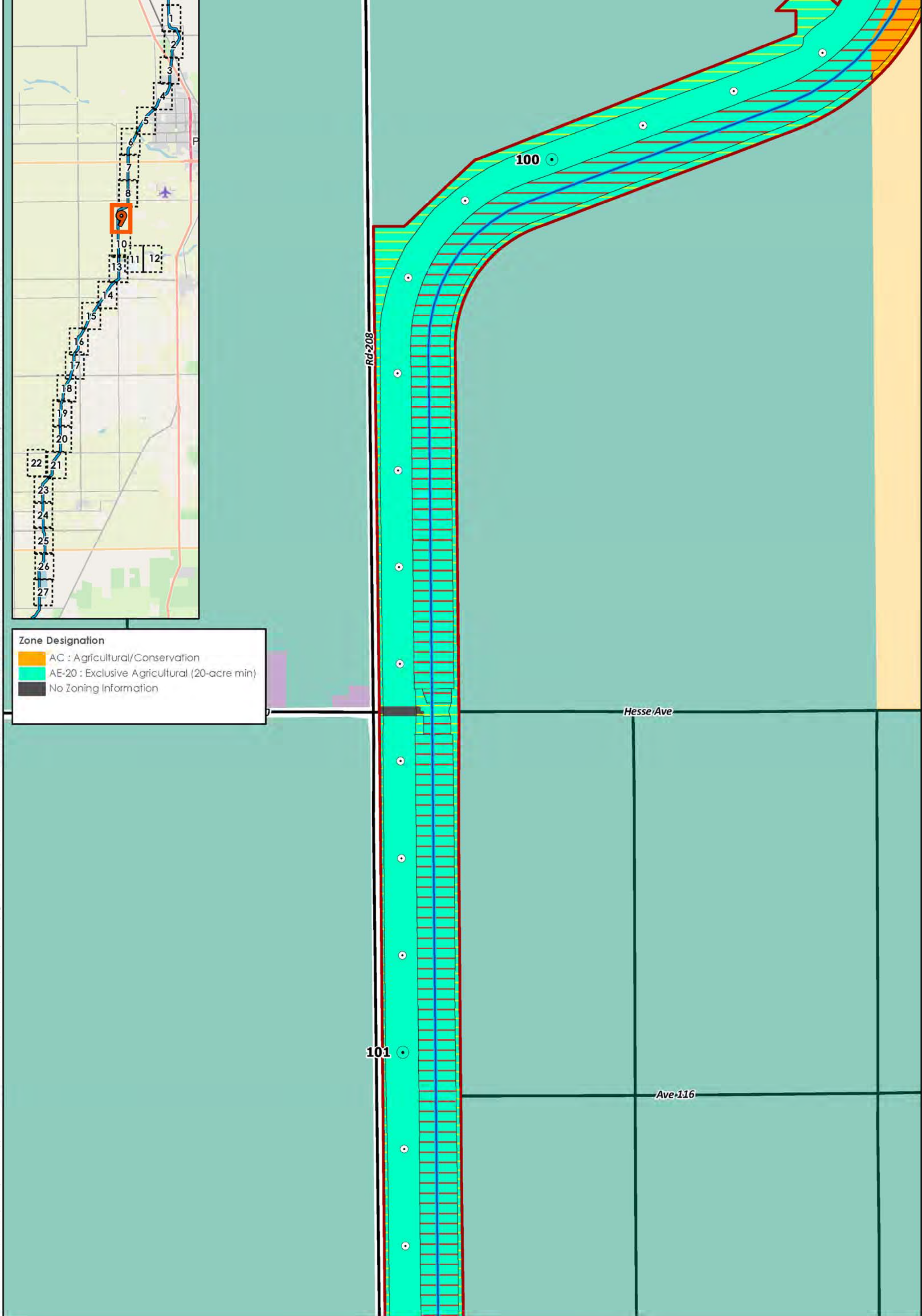


Zone Designation

AC : Agricultural/Conservation

AE-20 : Exclusive Agricultural (20-acre min)

No Zoning Information



FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT

Canal Enlargement and Re-alignment Alternative

- Project Area
- Proposed Canal Re-alignment Centerline
- Potential Impacts
- No Impact
- Permanent
- Temporary
- Mile Post
- Tenth-of-Mile

Figure No.

G1: Sheet 9 of 27

Title

Impacts by Zone Designation

Project Location

Tulare and Kern Counties, CA

7.5' USGS Quadrangles

Porterville, California (1971)

Sausalito School, California (1971)

Ducor, California (1972)

184031016

Prepared by SCP

(2020-03-26)

Friant

POWER AUTHORITY

Stantec

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Client/Project

Friant Water Authority

Friant-Kern Canal Middle Reach Capacity Correction Project

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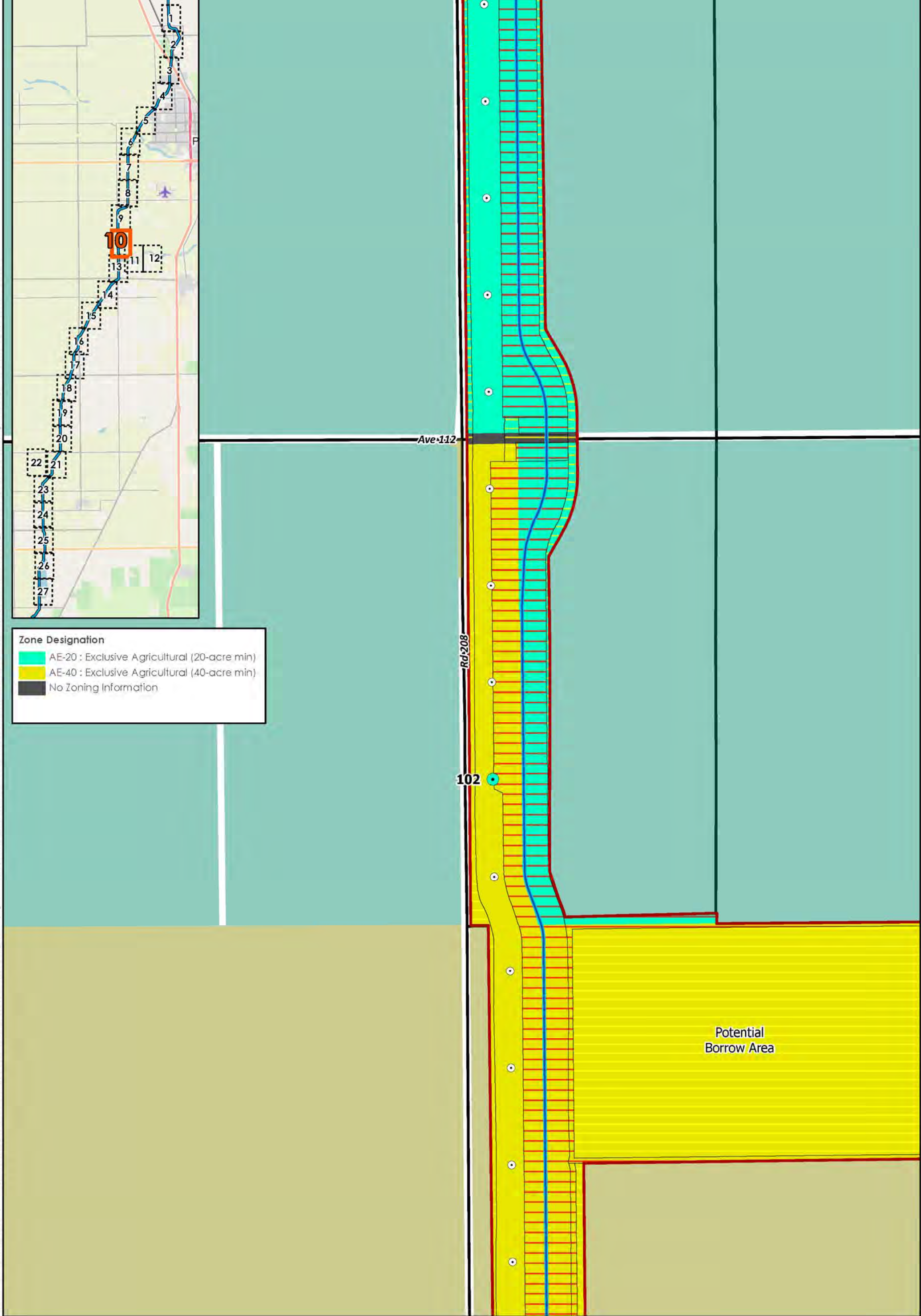


Zone Designation

AE-20 : Exclusive Agricultural (20-acre min)

AE-40 : Exclusive Agricultural (40-acre min)

No Zoning Information



FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT

Canal Enlargement and Re-alignment Alternative

Project Area

Proposed Canal Re-alignment Centerline

Potential Impacts

No Impact

Permanent

Temporary

Mile Post

Tenth-of-Mile

Figure No.

G1: Sheet 10 of 27

Title

Impacts by Zone Designation

Project Location

Tulare and Kern Counties, CA

7.5' USGS Quadrangles

Porterville, California (1971)

Sausalito School, California (1971)

Ducor, California (1972)

184031016

Prepared by SCP

(2020-03-26)

Friant

Water Authority

Stantec

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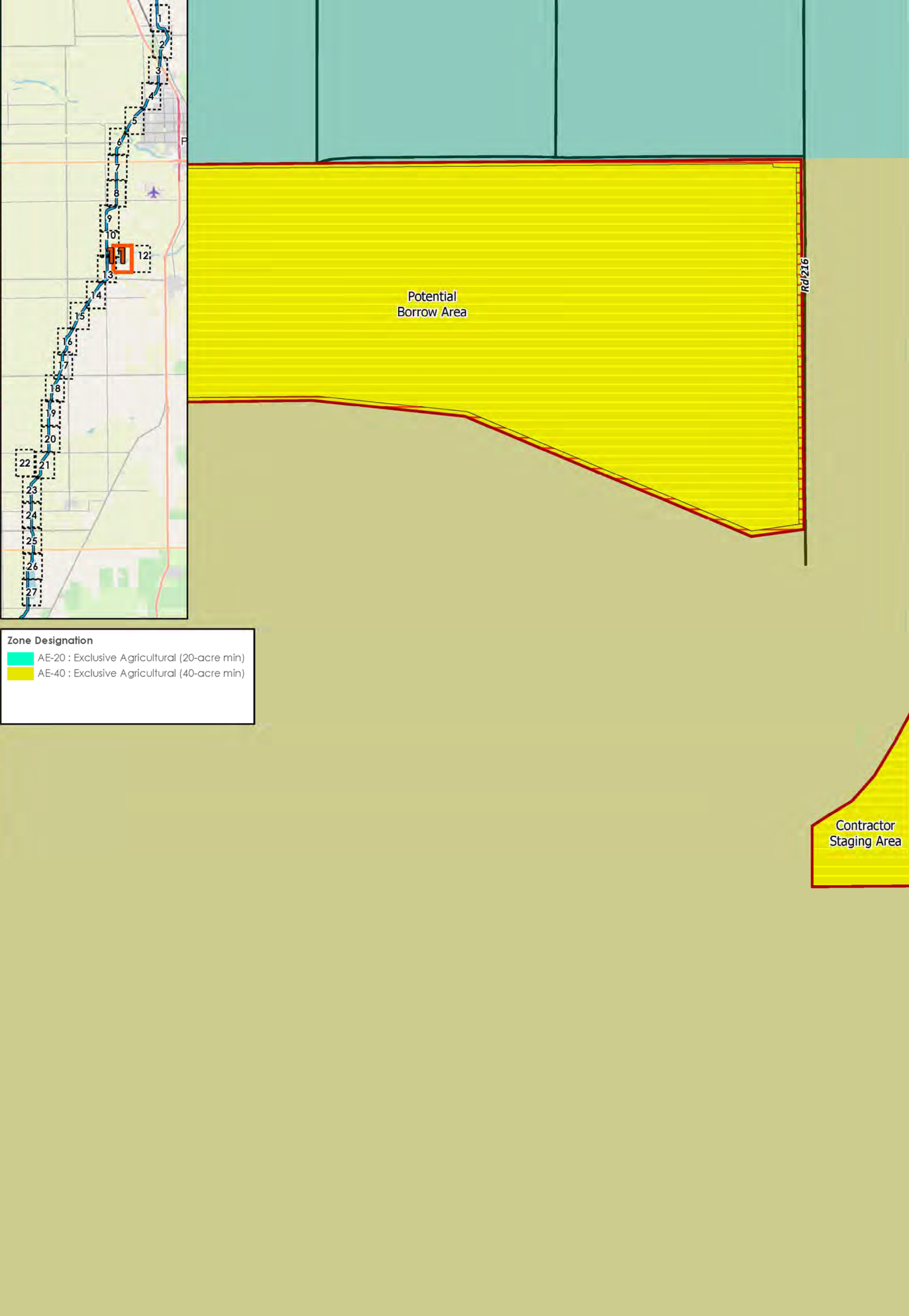
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Client/Project

Friant Water Authority

Friant-Kern Canal Middle Reach Capacity Correction Project

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FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT
Canal Enlargement and Re-alignment Alternative

- Potential Impacts**
- Project Area
 - Proposed Canal Re-alignment Centerline
 - Mile Post
 - Tenth-of-Mile
 - No Impact
 - Permanent
 - Temporary

Figure No.
G1: Sheet 11 of 27

Impacts by Zone Designation

Project Location 184031016
Tulare and Kern Counties, CA Prepared by SCP
7.5' USGS Quadrangles (2020-03-26)
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)



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Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

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Zone Designation

AE-40 : Exclusive Agricultural (40-acre min)

No Zoning Information



FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT

Canal Enlargement and Re-alignment Alternative

Project Area

Proposed Canal Re-alignment Centerline

Potential Impacts

No Impact

Permanent

Temporary

Mile Post

Tenth-of-Mile

Figure No.

G1: Sheet 12 of 27

Title

Impacts by Zone Designation

Project Location

184031016

Tulare and Kern Counties, CA

Prepared by SCP

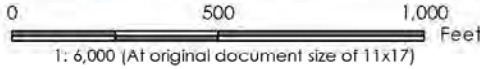
7.5' USGS Quadrangles

(2020-03-26)

Porterville, California (1971)

Sausalito School, California (1971)

Ducor, California (1972)



Client/Project

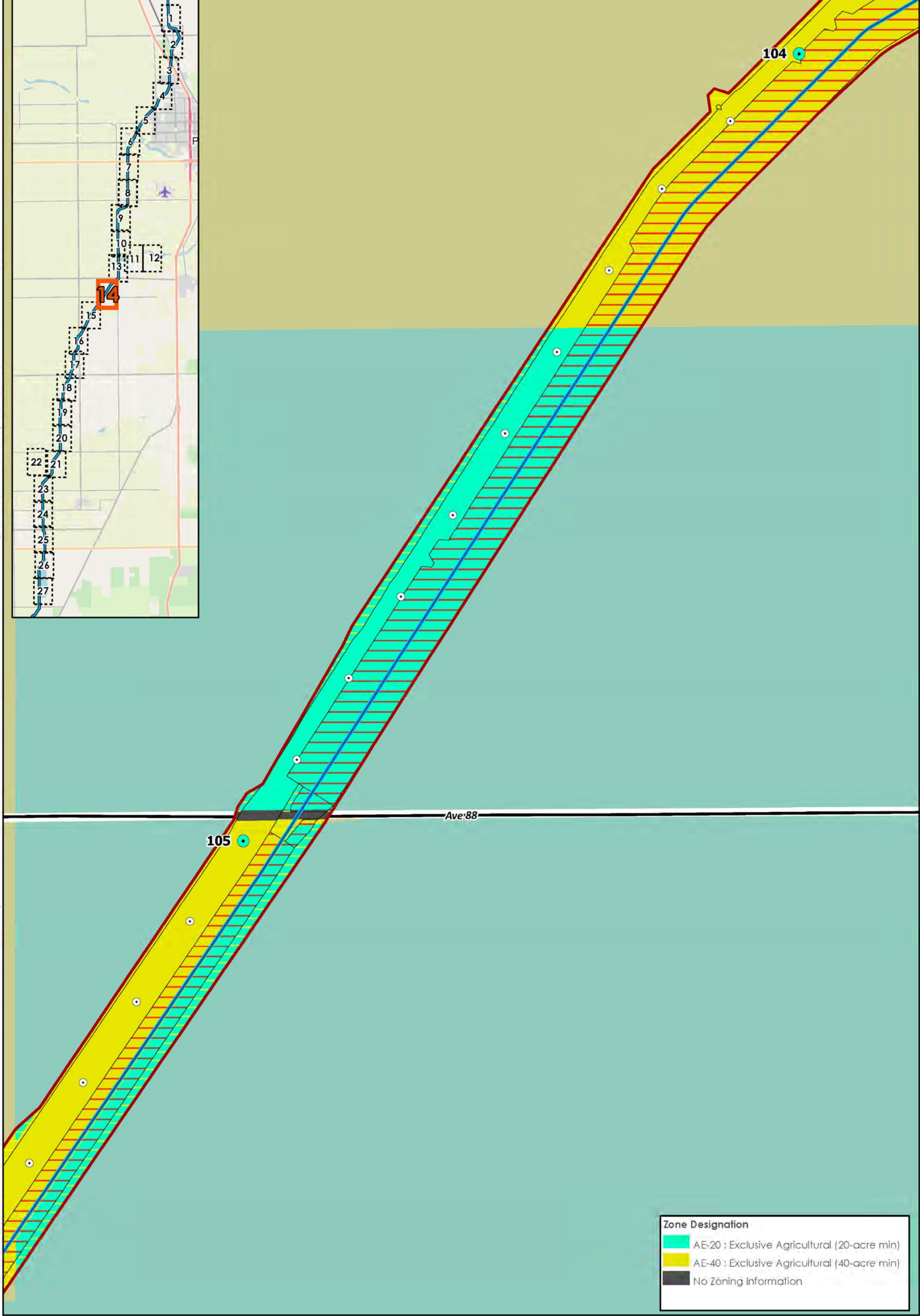
Friant Water Authority

Friant-Kern Canal Middle Reach Capacity Correction Project

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FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT
Canal Enlargement and Re-alignment Alternative

- Potential Impacts**
- Project Area
 - Proposed Canal Re-alignment Centerline
 - No Impact
 - Permanent
 - Temporary
 - Mile Post
 - Tenth-of-Mile

Figure No.
G1: Sheet 14 of 27

Title
Impacts by Zone Designation

Project Location 184031016
Tulare and Kern Counties, CA Prepared by SCP
7.5' USGS Quadrangles (2020-03-26)
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)



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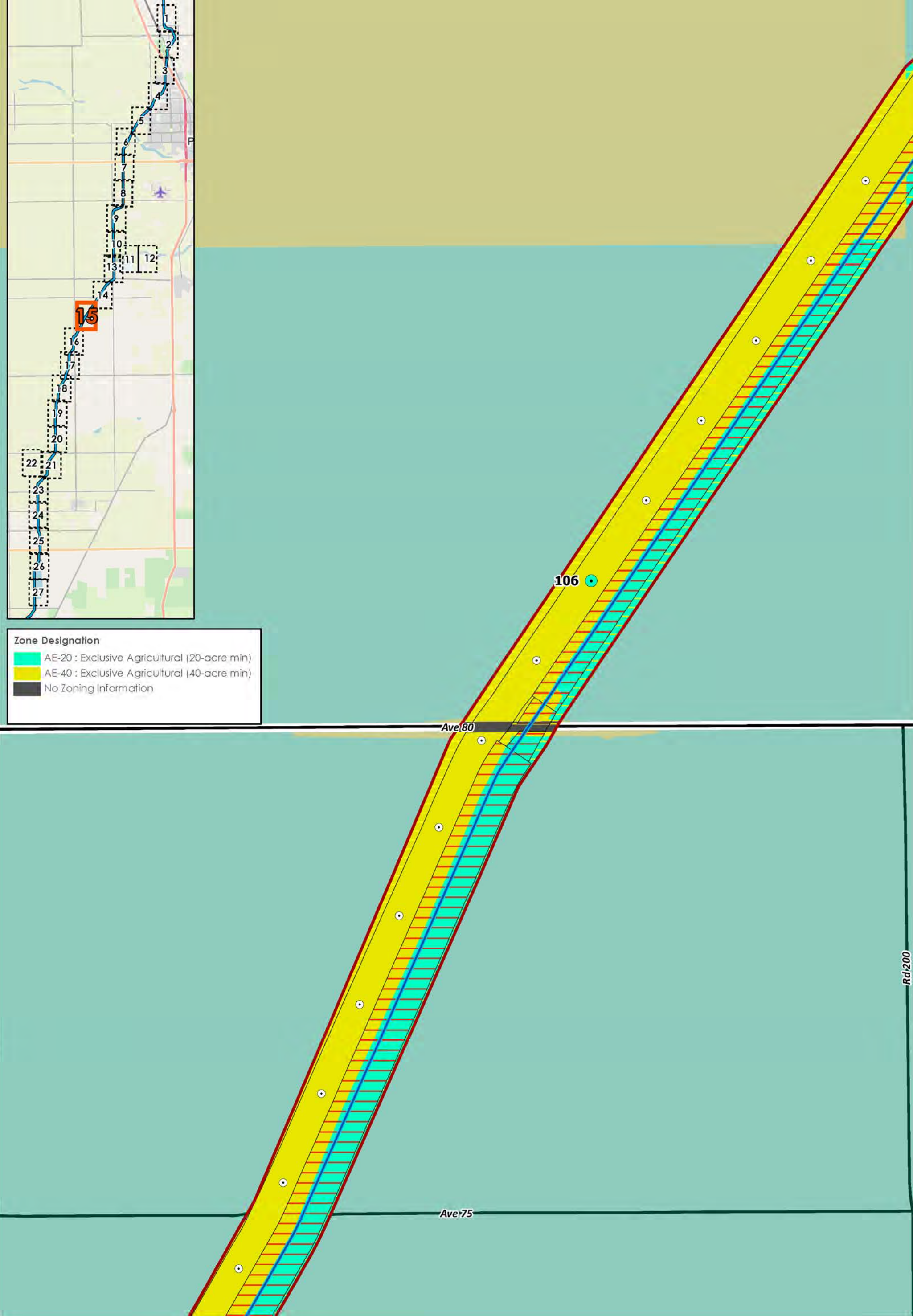
Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

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Zone Designation

- AE-20 : Exclusive Agricultural (20-acre min)
- AE-40 : Exclusive Agricultural (40-acre min)
- No Zoning Information



FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT
Canal Enlargement and Re-alignment Alternative

Potential Impacts

- No Impact
- Permanent
- Temporary

Legend

- Project Area
- Proposed Canal Re-alignment Centerline
- Mile Post
- Tenth-of-Mile

Figure No.
G1: Sheet 15 of 27

Impacts by Zone Designation

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

184031016
Prepared by SCP
(2020-03-26)

Friant **Stantec**

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Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

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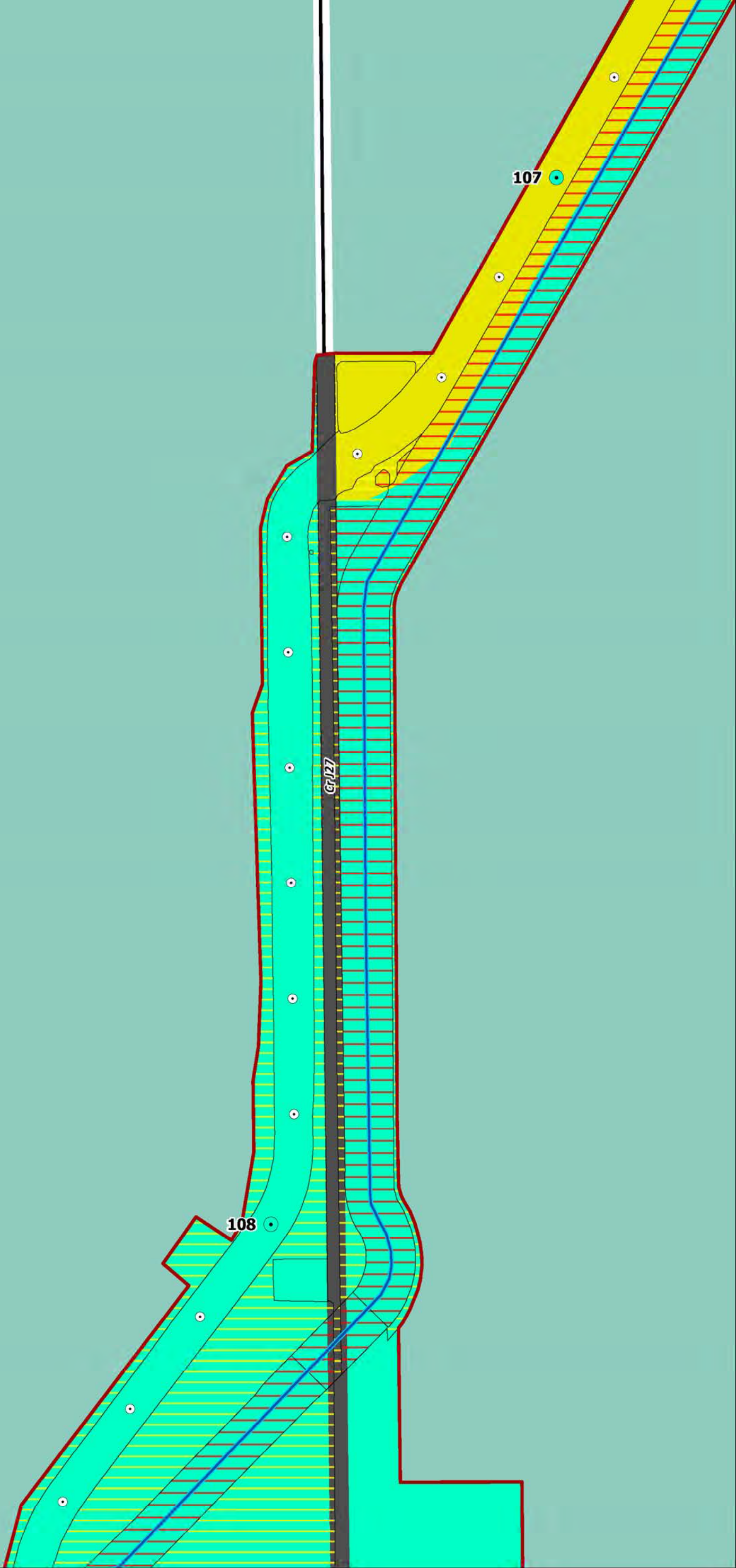


Zone Designation

AE-20 : Exclusive Agricultural (20-acre min)

AE-40 : Exclusive Agricultural (40-acre min)

No Zoning Information



FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT

Canal Enlargement and Re-alignment Alternative

Project Area

Proposed Canal Re-alignment Centerline

Potential Impacts

No Impact

Permanent

Temporary

Mile Post

Tenth-of-Mile

Figure No.

G1: Sheet 16 of 27

Title

Impacts by Zone Designation

Project Location 184031016
Tulare and Kern Counties, CA Prepared by SCP
7.5' USGS Quadrangles (2020-03-26)
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)



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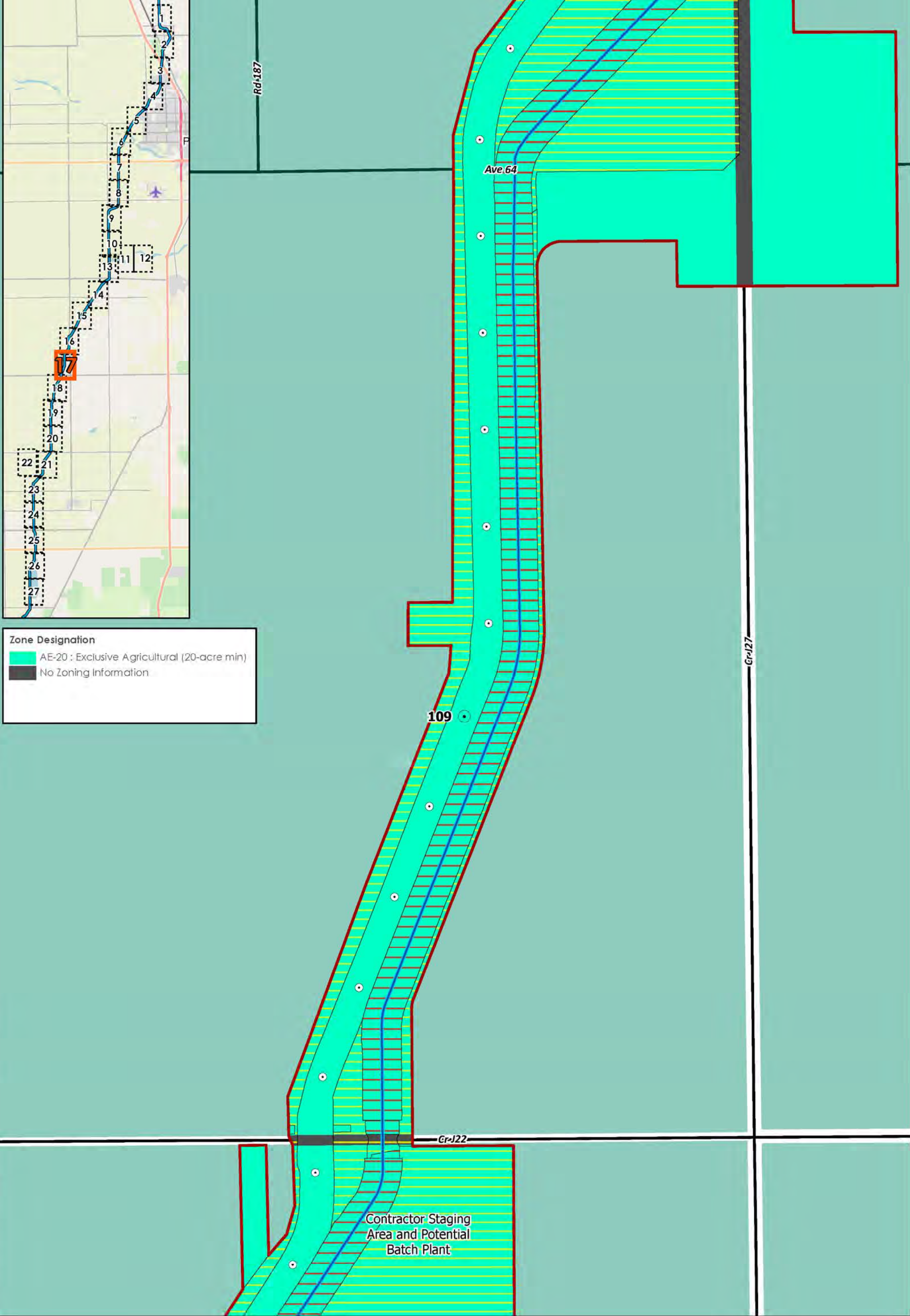
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Client/Project

Friant Water Authority

Friant-Kern Canal Middle Reach Capacity Correction Project

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FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT
Canal Enlargement and Re-alignment Alternative

- Potential Impacts**
- | | |
|--------------|--|
| Project Area | Proposed Canal Re-alignment Centerline |
| No Impact | Mile Post |
| Permanent | Tenth-of-Mile |
| Temporary | |

Figure No.
G1: Sheet 17 of 27

Title
Impacts by Zone Designation

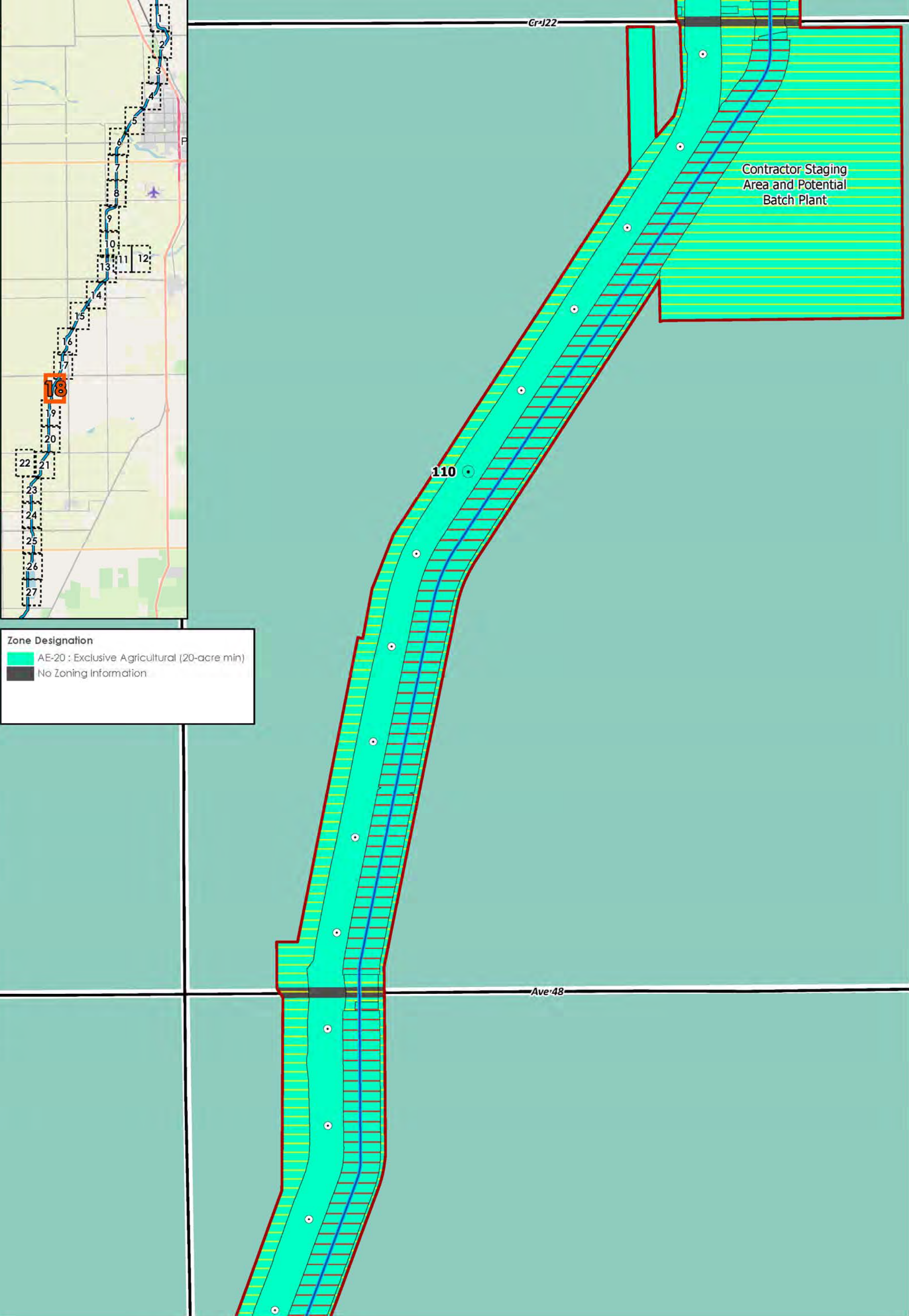
Project Location 184031016
Tulare and Kern Counties, CA Prepared by SCP
7.5' USGS Quadrangles (2020-03-26)
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)



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Client/Project
Friant Water Authority
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Zone Designation

AE-20 : Exclusive Agricultural (20-acre min)

No Zoning Information

FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT
Canal Enlargement and Re-alignment Alternative

- Project Area

Potential Impacts

No Impact

Permanent

Temporary
- Proposed Canal Re-alignment Centerline

Mile Post

Tenth-of-Mile

Figure No.
G1: Sheet 18 of 27

Impacts by Zone Designation

Project Location 184031016
Tulare and Kern Counties, CA Prepared by SCP
7.5' USGS Quadrangles (2020-03-26)
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

Friant
POWER AUTHORITY

Stantec

05001,000

Feet

1: 6,000 (At original document size of 11x17)

N

Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

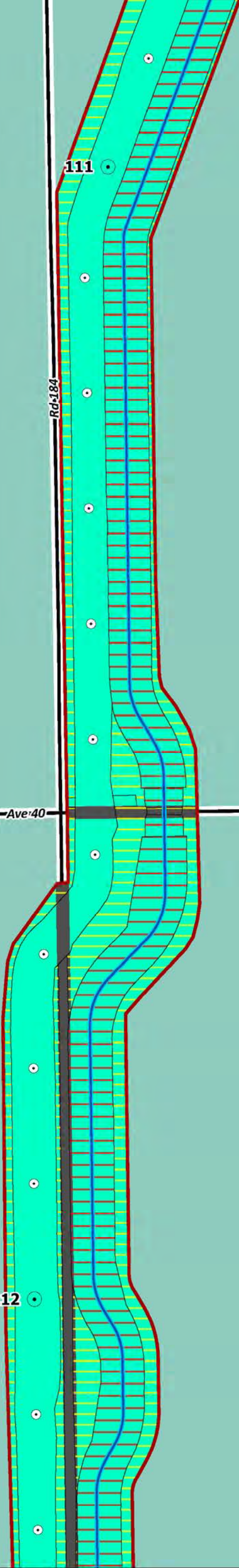
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Zone Designation

AE-20 : Exclusive Agricultural (20-acre min)

No Zoning Information



FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT
Canal Enlargement and Re-alignment Alternative

Project Area

Proposed Canal Re-alignment Centerline

Potential Impacts

No Impact

Permanent

Temporary

Mile Post

Tenth-of-Mile

Figure No.
G1: Sheet 19 of 27

Title
Impacts by Zone Designation

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

184031016
Prepared by SCP
(2020-03-26)

Friant

Water Authority

Stantec

0

500

1,000

Feet

1: 6,000 (At original document size of 11x17)

Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

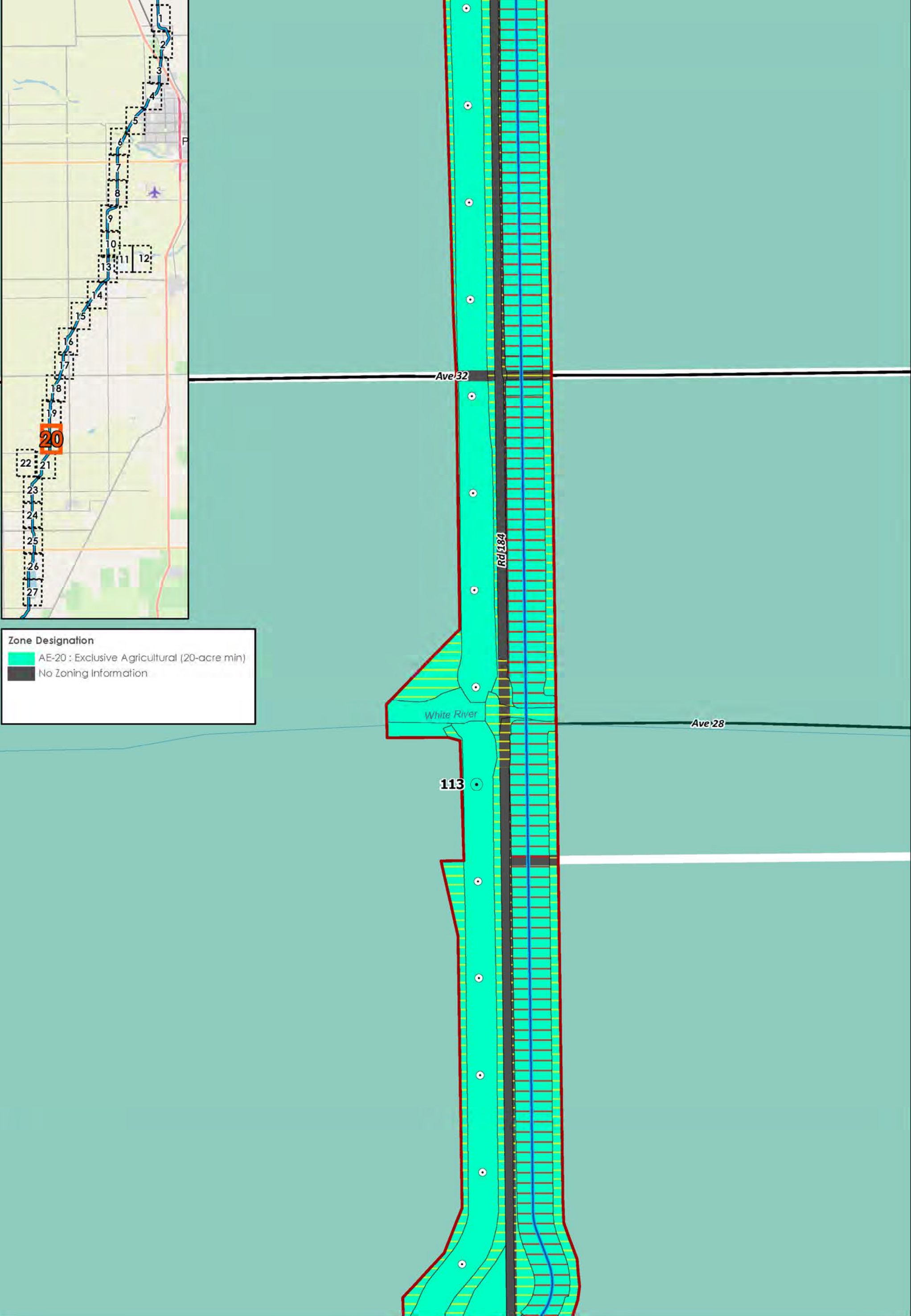
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Zone Designation

AE-20 : Exclusive Agricultural (20-acre min)

No Zoning Information



FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT

Canal Enlargement and Re-alignment Alternative

- Project Area
- Proposed Canal Re-alignment Centerline
- Potential Impacts
- No Impact
- Permanent
- Temporary
- Mile Post
- Tenth-of-Mile

Figure No.

G1: Sheet 20 of 27

Title

Impacts by Zone Designation

Project Location

Tulare and Kern Counties, CA

7.5' USGS Quadrangles

Porterville, California (1971)

Sausalito School, California (1971)

Ducor, California (1972)

184031016

Prepared by SCP

(2020-03-26)

Friant

Water Authority

Stantec

0

500

1,000

Feet

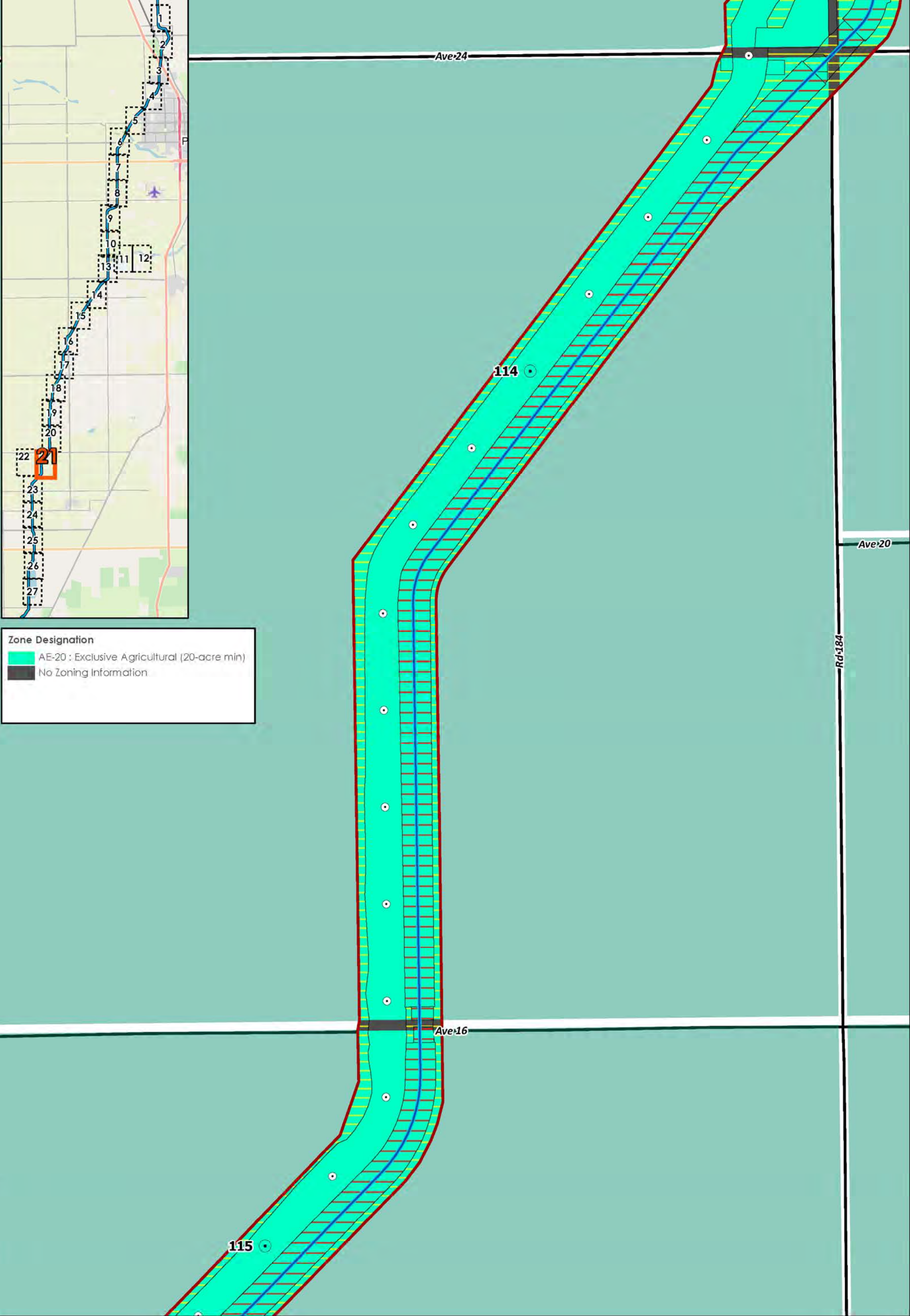
1: 6,000 (At original document size of 11x17)

Client/Project

Friant Water Authority

Friant-Kern Canal Middle Reach Capacity Correction Project

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FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT
Canal Enlargement and Re-alignment Alternative

- Potential Impacts**
- Project Area
 - Proposed Canal Re-alignment Centerline
 - Mile Post
 - Tenth-of-Mile
 - No Impact
 - Permanent
 - Temporary

Figure No.
G1: Sheet 21 of 27

Impacts by Zone Designation

Project Location 184031016
Tulare and Kern Counties, CA Prepared by SCP
7.5' USGS Quadrangles (2020-03-26)
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)



0 500 1,000
1: 6,000 (At original document size of 11x17)
Feet

Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

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Zone Designation

AE-20 : Exclusive Agricultural (20-acre min)

Rd-172

Ave-24

Rd-176

Potential
Borrow Area

Ave-16

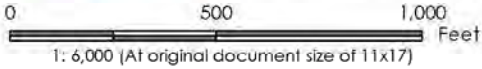
FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT
Canal Enlargement and Re-alignment Alternative

- Project Area
- Proposed Canal Re-alignment Centerline
- Potential Impacts
- No Impact
- Permanent
- Temporary
- Mile Post
- Tenth-of-Mile

Figure No.
G1: Sheet 22 of 27

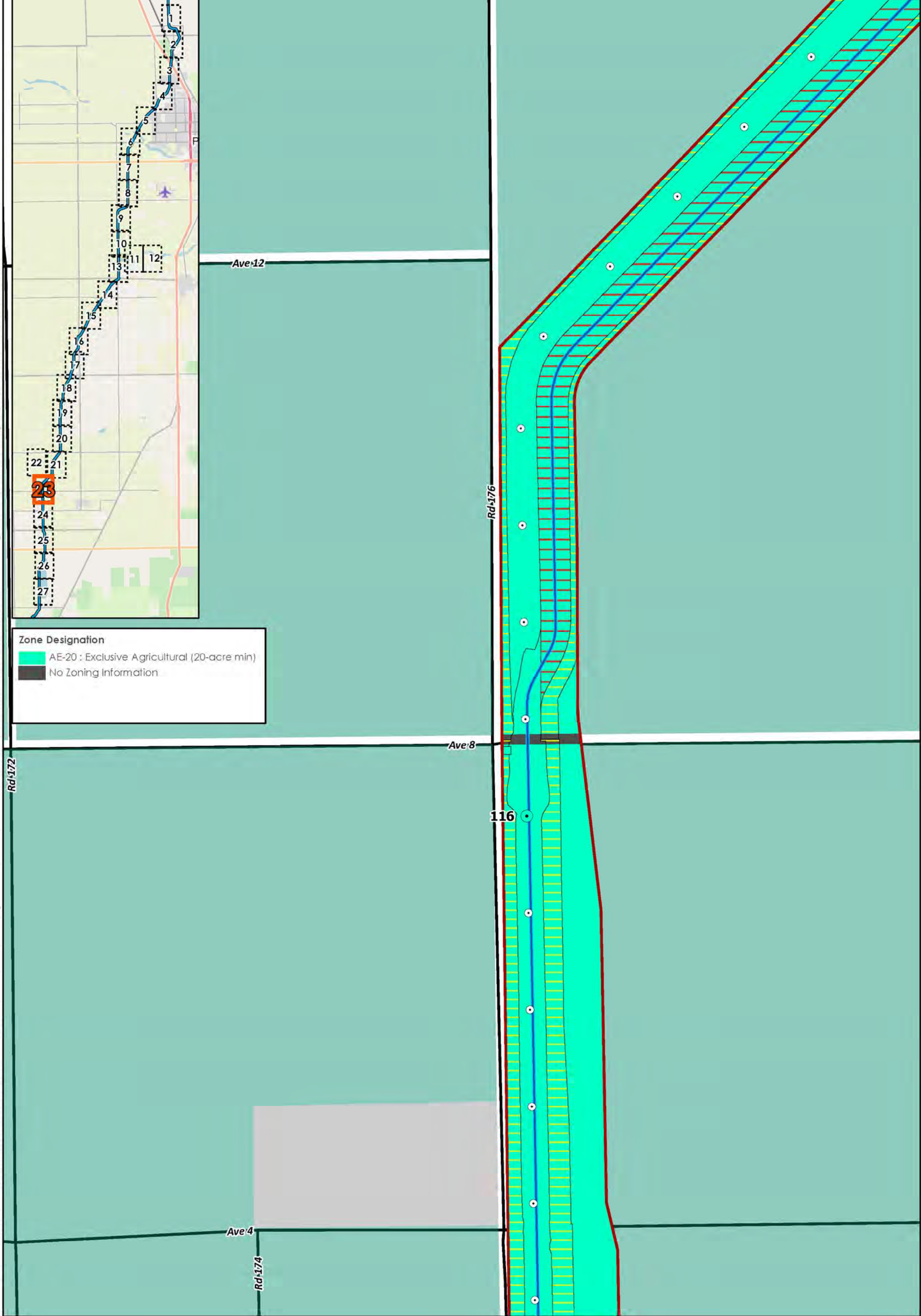
Title
Impacts by Zone Designation

Project Location 184031016
Tulare and Kern Counties, CA Prepared by SCP
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972) (2020-03-26)



Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

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FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT
Canal Enlargement and Re-alignment Alternative

- Potential Impacts**
- Project Area
 - Proposed Canal Re-alignment Centerline
 - Mile Post
 - Tenth-of-Mile
 - No Impact
 - Permanent
 - Temporary

Figure No.
G1: Sheet 23 of 27

Impacts by Zone Designation

Project Location 184031016
Tulare and Kern Counties, CA Prepared by SCP
7.5' USGS Quadrangles (2020-03-26)
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

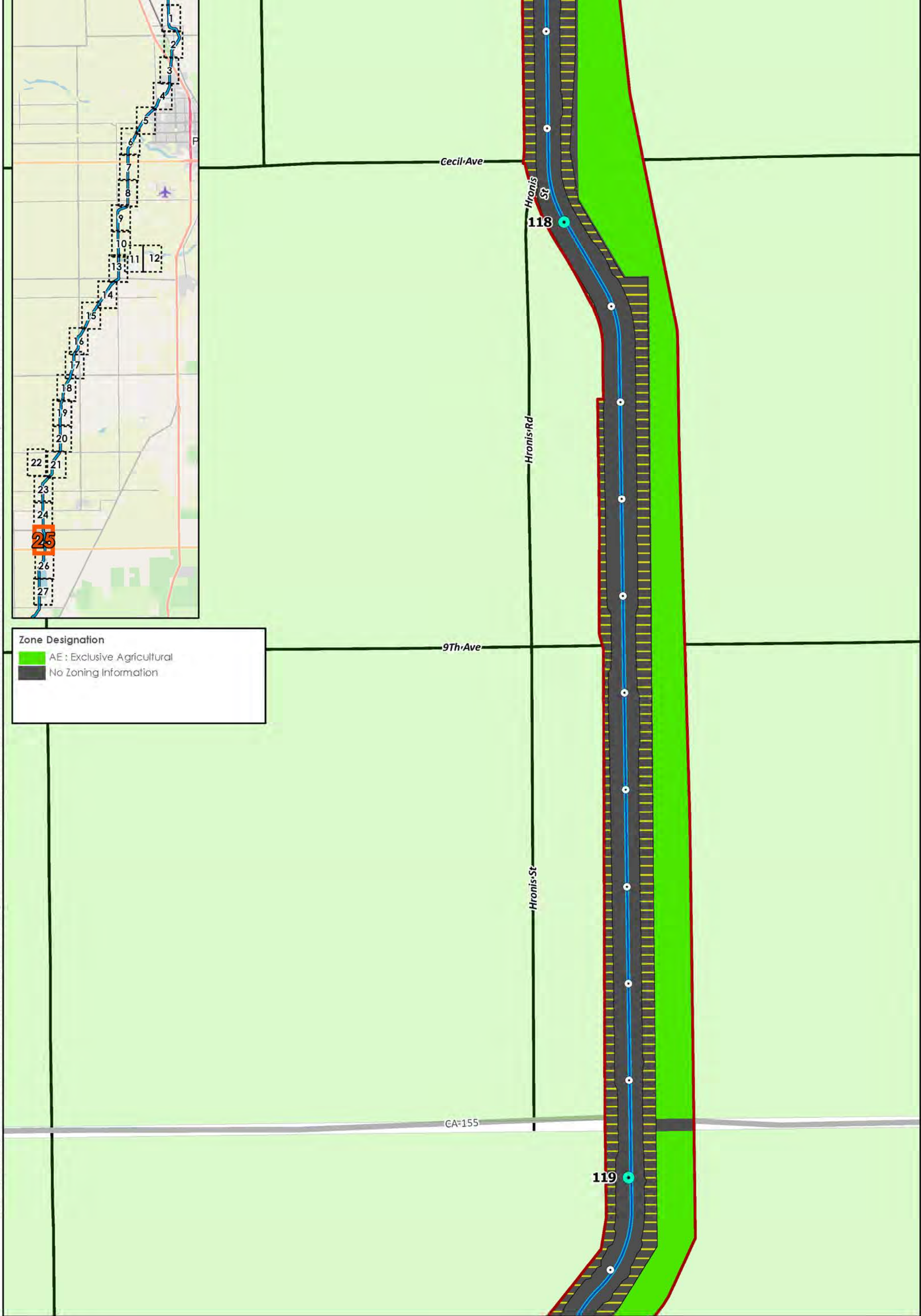
Friant **Stantec**

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1: 6,000 (At original document size of 11x17)

Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

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FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT
Canal Enlargement and Re-alignment Alternative

- Potential Impacts**
- Project Area
 - Proposed Canal Re-alignment Centerline
 - Mile Post
 - Tenth-of-Mile
 - No Impact
 - Permanent
 - Temporary

Figure No.
G1: Sheet 25 of 27

Impacts by Zone Designation

Project Location 184031016
Tulare and Kern Counties, CA Prepared by SCP
7.5' USGS Quadrangles (2020-03-26)
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)



0 500 1,000
1: 6,000 (At original document size of 11x17)
Feet

Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

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Zone Designation

AE : Exclusive Agricultural

No Zoning Information



FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT

Canal Enlargement and Re-alignment Alternative

- Project Area
- Proposed Canal Re-alignment Centerline
- Potential Impacts
- No Impact
- Permanent
- Temporary
- Mile Post
- Tenth-of-Mile

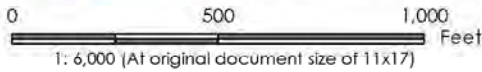
Figure No.

G1: Sheet 26 of 27

Title

Impacts by Zone Designation

Project Location 184031016
Tulare and Kern Counties, CA Prepared by SCP
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972) (2020-03-26)



Client/Project

Friant Water Authority

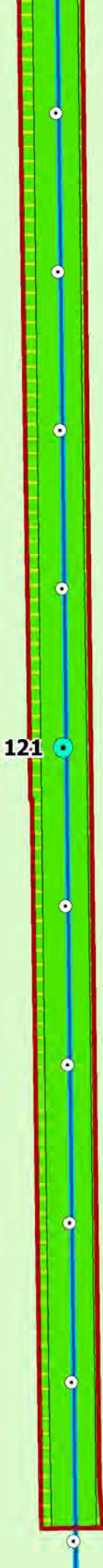
Friant-Kern Canal Middle Reach Capacity Correction Project

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Zone Designation

AE : Exclusive Agricultural



FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT

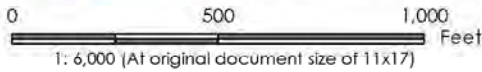
Canal Enlargement and Re-alignment Alternative

- Project Area
- Proposed Canal Re-alignment Centerline
- Potential Impacts
- No Impact
- Permanent
- Temporary
- Mile Post
- Tenth-of-Mile

Figure No.
G1: Sheet 27 of 27

Title
Impacts by Zone Designation

Project Location184031016
Tulare and Kern Counties, CAPrepared by SCP
7.5' USGS Quadrangles(2020-03-26)
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)



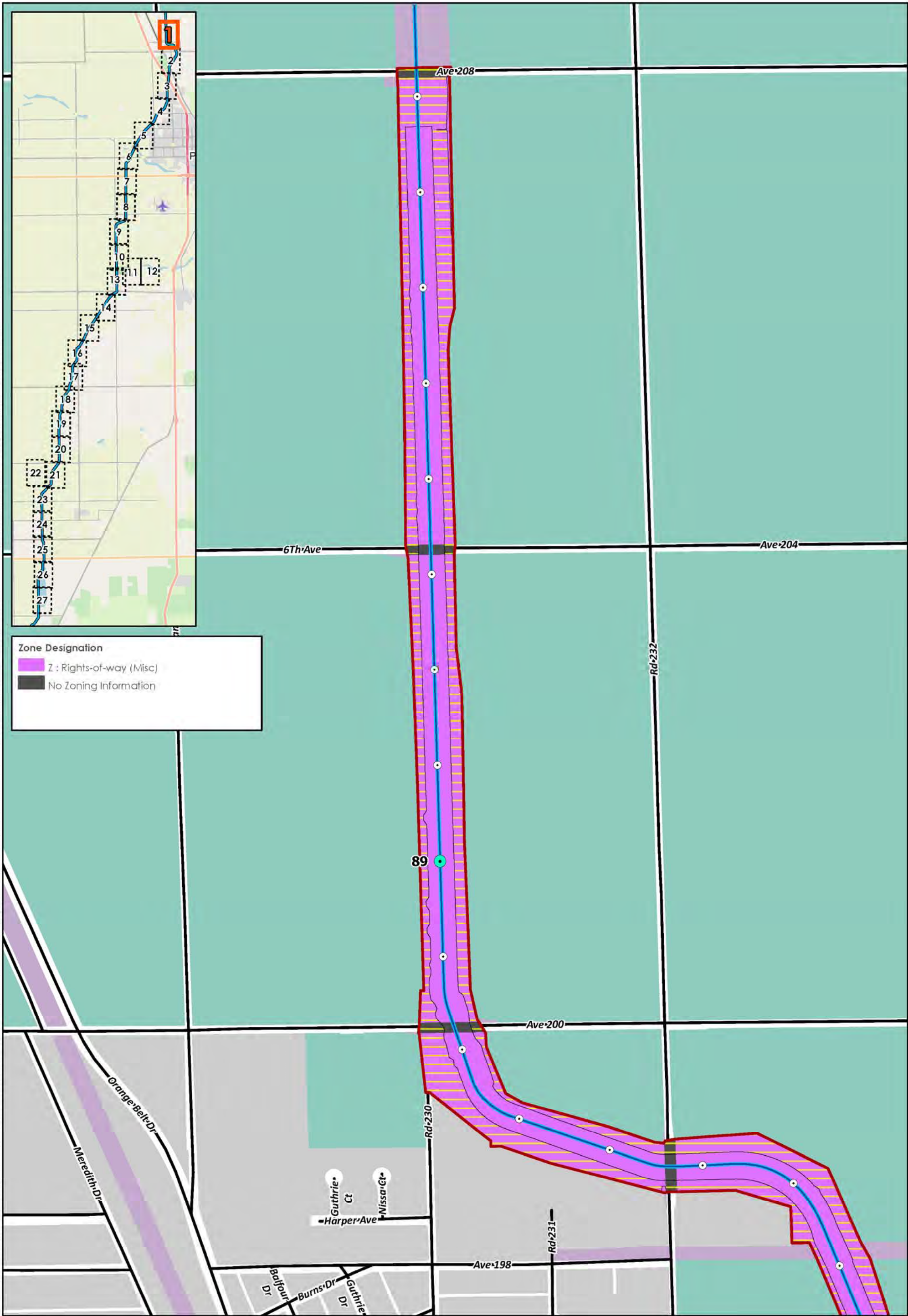
Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

	Area (acre)		
Subset	Tulare - Permanent	Kern - Permanent	Permanent Impacts
<i>All Zoning</i>	384.69	0.00	384.69
Agricultural/Conservation (AC) [Porterville]	11.95	0.00	11.95
Exclusive Agriculture (AE)	0.00	0.00	0.00
Exclusive Agriculture (AE-20)	239.44	0.00	239.44
Exclusive Agriculture (AE-40)	111.04	0.00	111.04
Rural Residential (R-A)	0.00	0.00	0.00
Right-of-Way (Miscellaneous) (Z)	12.76	0.00	12.76
No Zoning Information	9.50	0.00	9.50

	Area (acre)		
Subset	Tulare - Temporary	Kern - Temporary	Temporary Impacts
<i>All Zoning</i>	824.34	53.45	877.79
Agricultural/Conservation (AC) [Porterville]	112.28	0.00	112.28
Exclusive Agriculture (AE)	0.00	10.12	10.12
Exclusive Agriculture (AE-20)	276.37	0.00	276.37
Exclusive Agriculture (AE-40)	313.91	0.00	313.91
Rural Residential (R-A)	0.08	0.00	0.08
Right-of-Way (Miscellaneous) (Z)	101.52	0.00	101.52
No Zoning Information	20.18	43.33	63.51

	Area (acre)		
Subset	Total Area	Tulare	Kern
<i>All Zoning</i>	2,317.15	2,179.62	137.53
Agricultural/Conservation (AC) [Porterville]	127.20	127.2	0.00
Exclusive Agriculture (AE)	41.70	5.02	36.68
Exclusive Agriculture (AE-20)	1,179.55	1,179.55	0.00
Exclusive Agriculture (AE-40)	526.40	526.4	0.00
Rural Residential (R-A)	0.08	0.08	0.00
Right-of-Way (Miscellaneous) (Z)	286.65	286.65	0.00
No Zoning Information	155.57	54.72	100.85

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FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT

Canal Enlargement Alternative

Figure No.
G2: Sheet 1 of 27

Title
Impacts by Zone Designation

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

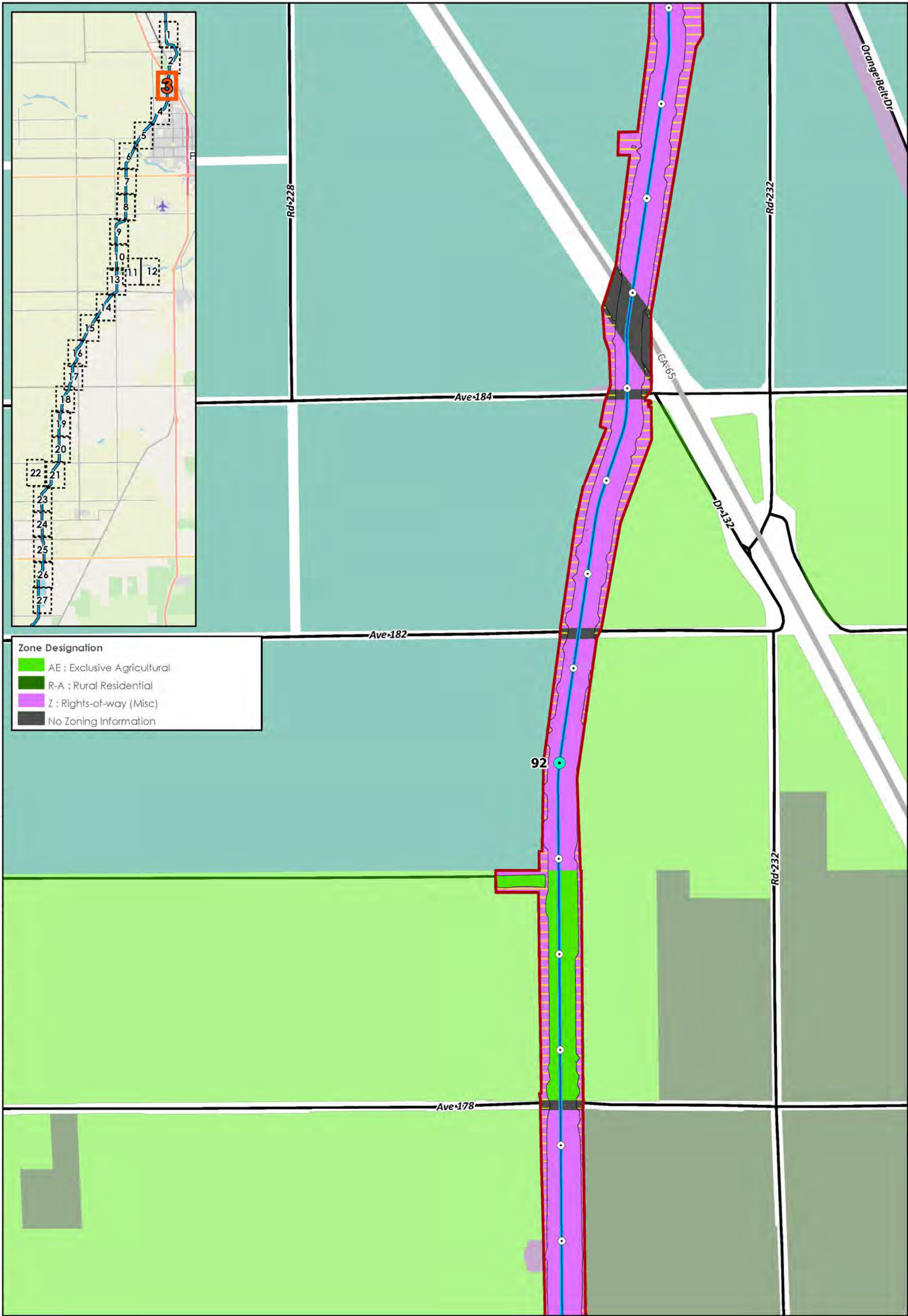
Service Layer Credits: OpenStreetMap: Map data © OpenStreetMap contributors, Map layer by Esri; NAIP 2016

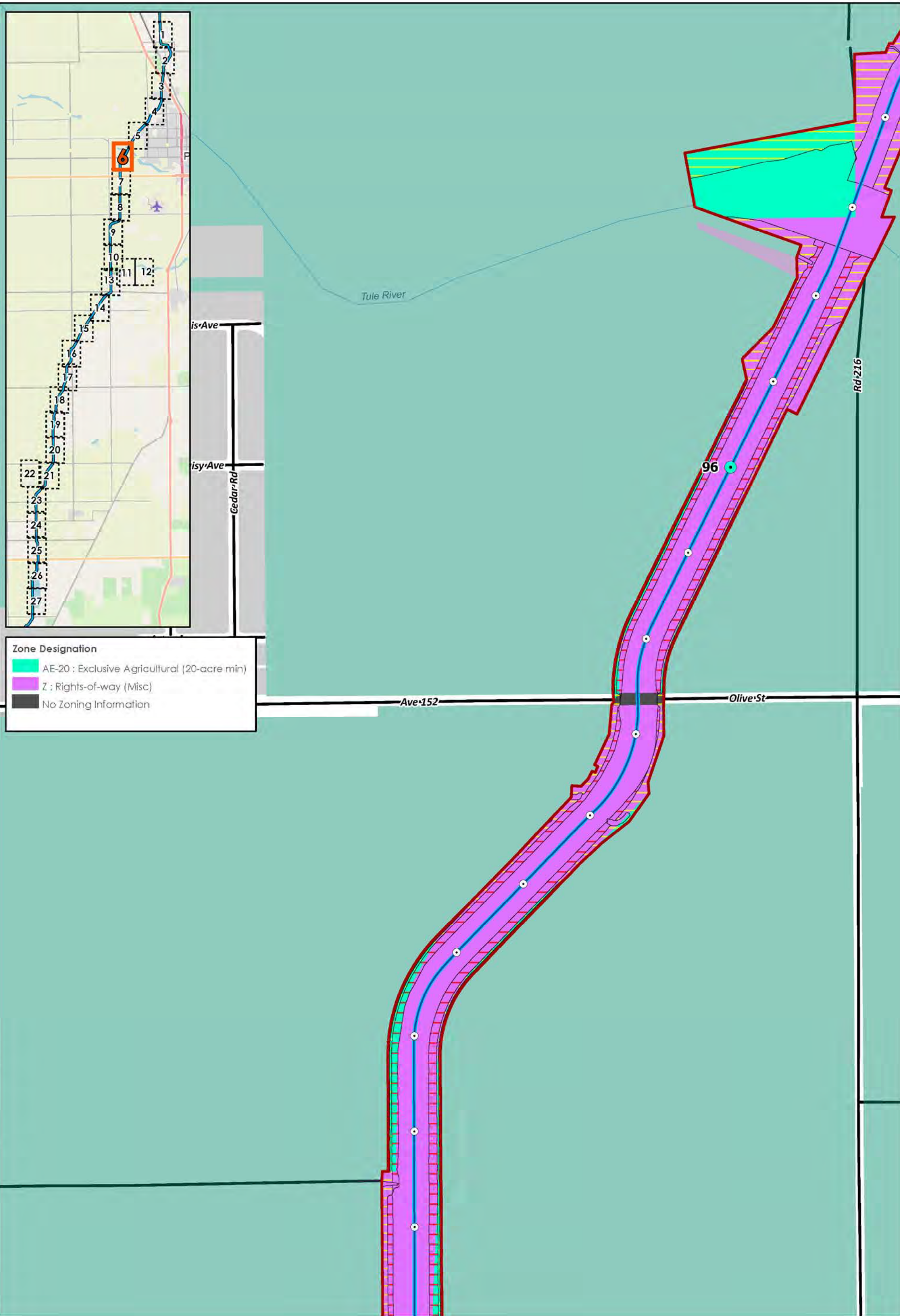
Stantec

Scale
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North Arrow

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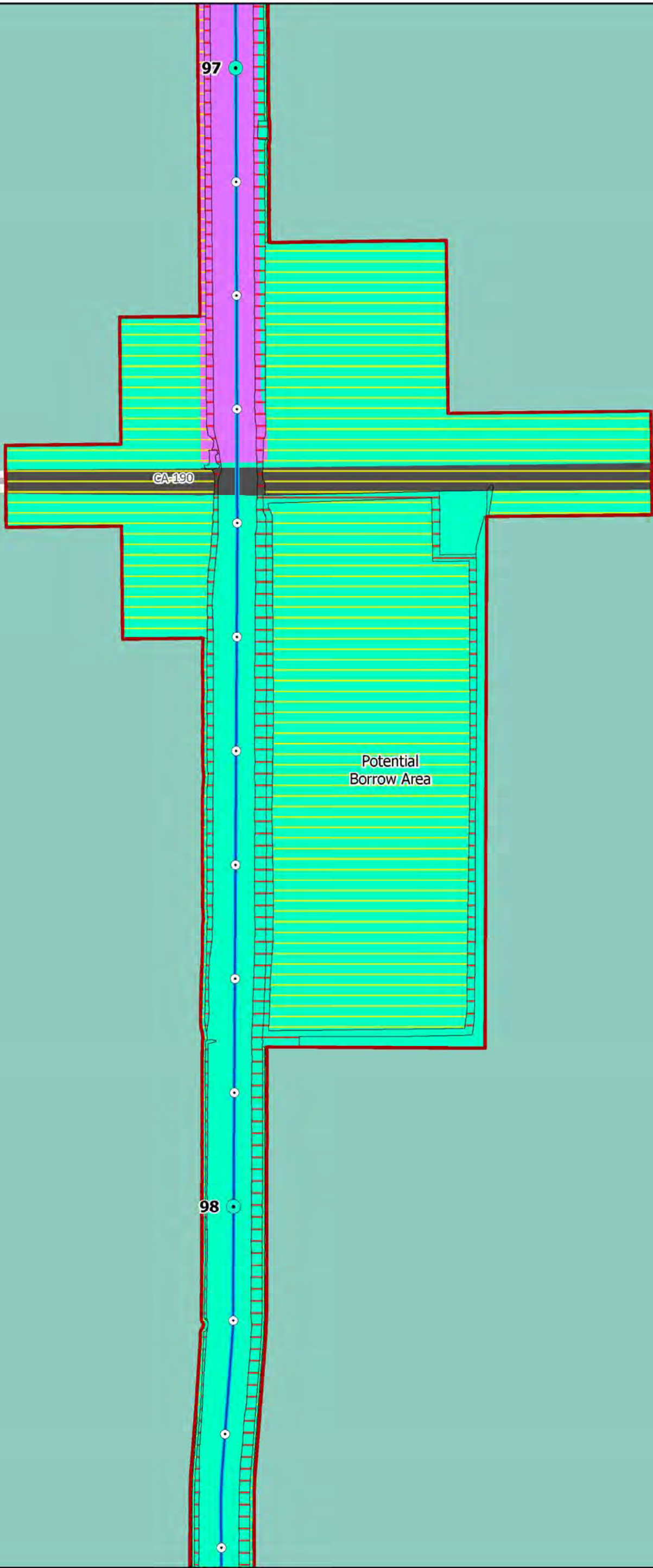


Zone Designation

AE-20 : Exclusive Agricultural (20-acre min)

Z : Rights-of-way (Misc)

No Zoning Information



FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT™
Canal Enlargement Alternative

Project Area

Potential Impacts

No Impact

Permanent

Temporary

Proposed Canal Enlargement Centerline

Tenth-of-Mile

Mile Post

Figure No.
G2: Sheet 7 of 27

Title
Impacts by Zone Designation

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

184031016
Prepared by SCP
(2020-02-26)

Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

Frant

WATER AUTHORITY

Stantec

05001,000

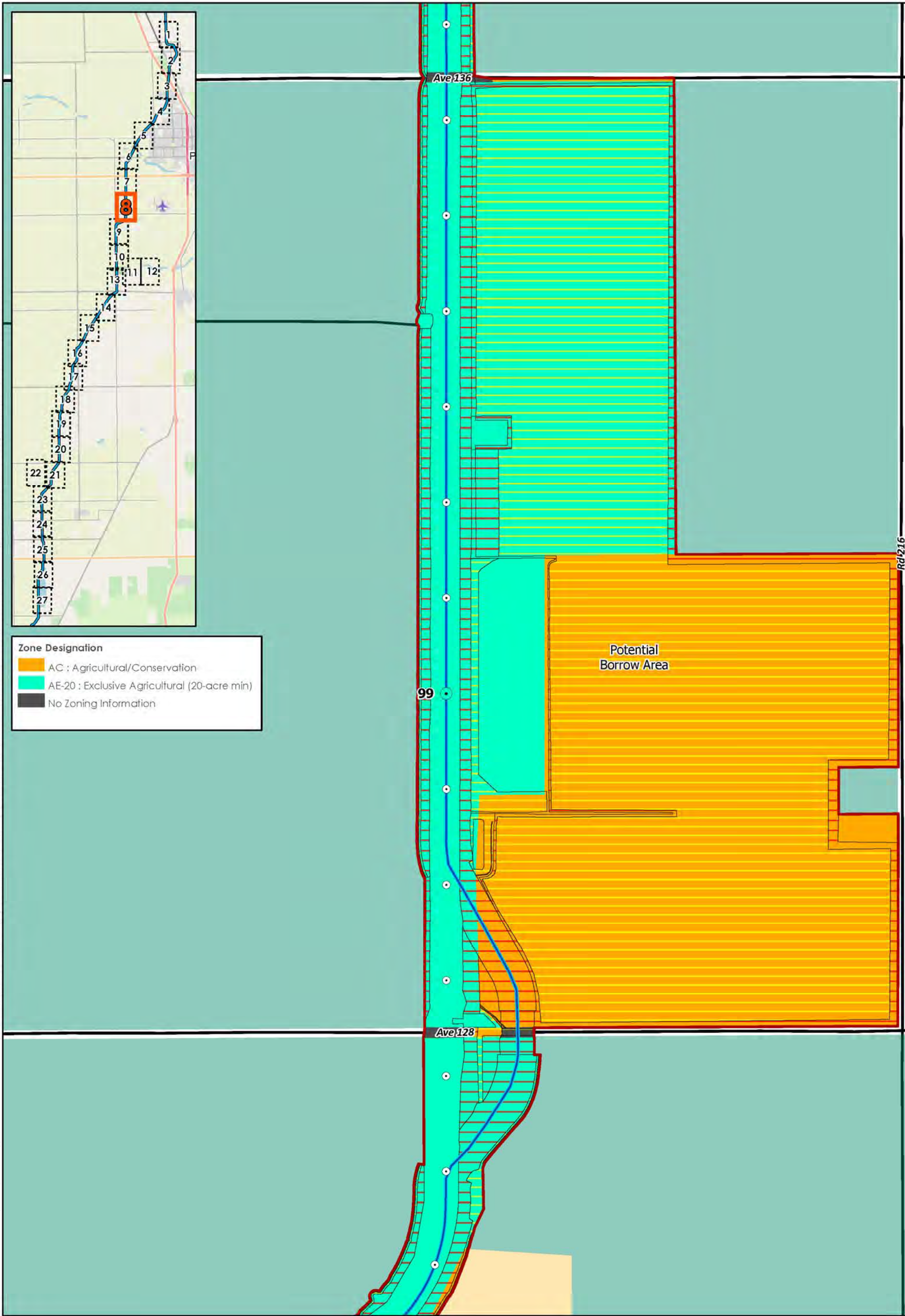
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FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT

Canal Enlargement Alternative

Project Area

Potential Impacts

- No Impact
- Permanent
- Temporary

Proposed Canal Enlargement Centerline

Tenth-of-Mile

Mile Post

Figure No.
G2: Sheet 8 of 27

Title
Impacts by Zone Designation

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

184031016
Prepared by SCP
(2020-02-24)

Friant **Stantec**

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Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

Service Layer Credits: OpenStreetMap: Map data © OpenStreetMap contributors, Map layer by Esri; NAIP 2016

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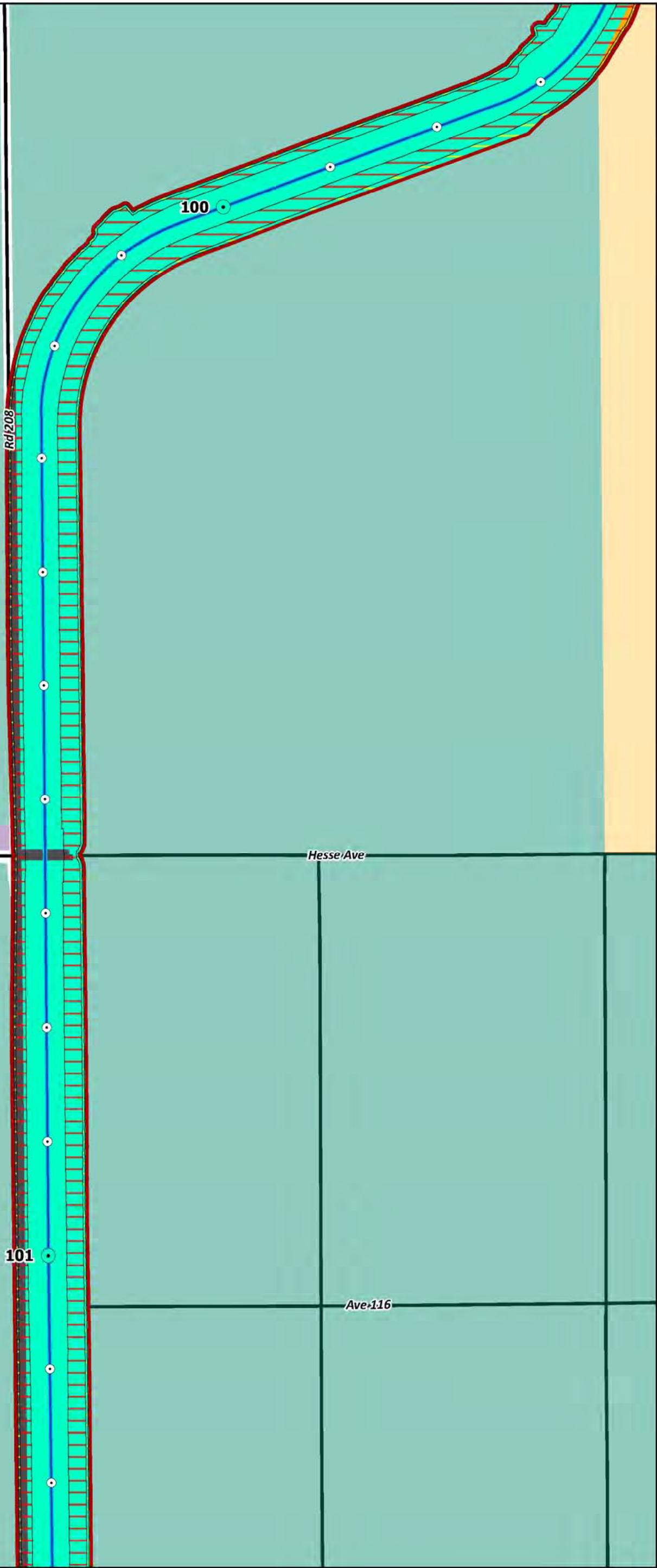


Zone Designation

AC : Agricultural/Conservation

AE-20 : Exclusive Agricultural (20-acre min)

No Zoning Information



FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT
Canal Enlargement Alternative

Project Area

Potential Impacts

No Impact

Permanent

Temporary

Proposed Canal Enlargement Centerline

Tenth-of-Mile

Mile Post

Figure No.
G2: Sheet 9 of 27

Title
Impacts by Zone Designation

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

184031016
Prepared by SCP
(2020-02-24)

Friant
WATER SUSTAINABILITY

Stantec

N

05001,000

Feet

1: 6,000 (At original document size of 11x17)

Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

Service Layer Credits: OpenStreetMap: Map data © OpenStreetMap contributors, Map layer by Esri; NAIP 2016

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Zone Designation

AE-20 : Exclusive Agricultural (20-acre min)

AE-40 : Exclusive Agricultural (40-acre min)

No Zoning Information



FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT™
Canal Enlargement Alternative

Project Area

Potential Impacts

No Impact

Permanent

Temporary

Proposed Canal Enlargement Centerline

Tenth-of-Mile

Mile Post

Figure No.
G2: Sheet 10 of 27

Title
Impacts by Zone Designation

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

184031016
Prepared by SCP
(2020-02-26)

Friant
WATER AUTHORITY

Stantec

N

05001,000

Feet

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Client/Project

Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

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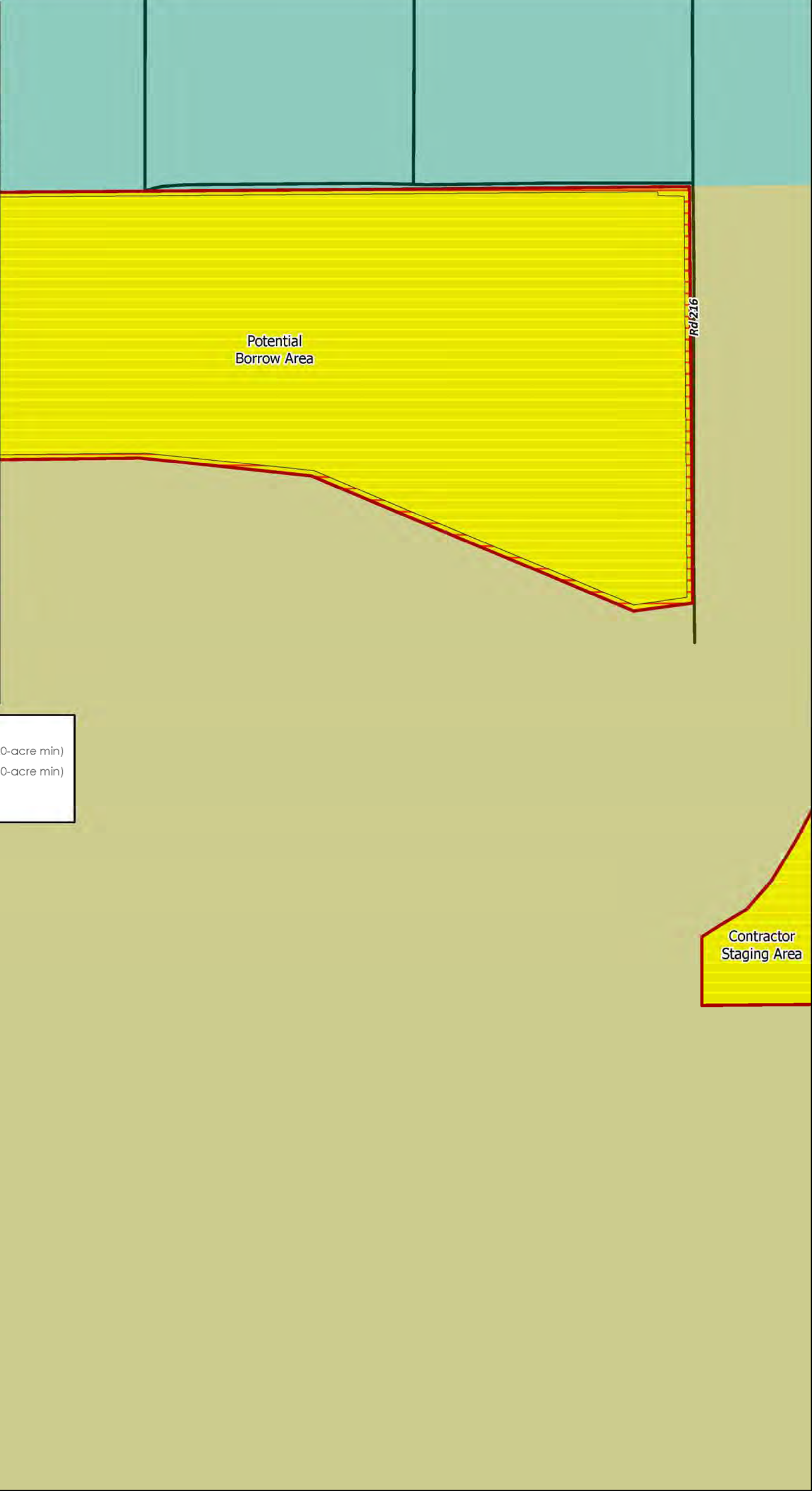
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Zone Designation

AE-20 : Exclusive Agricultural (20-acre min)

AE-40 : Exclusive Agricultural (40-acre min)



FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT[™]
Canal Enlargement Alternative

Project Area

Potential Impacts

No Impact

Permanent

Temporary

Proposed Canal Enlargement Centerline

Tenth-of-Mile

Mile Post

Figure No.
G2: Sheet 11 of 27

Title
Impacts by Zone Designation

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

184031016
Prepared by SCP
(2020-02-24)

Friant
WATER AUTHORITY

Stantec

05001,000

Feet

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Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

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Zone Designation

AE-40 : Exclusive Agricultural (40-acre min)



FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT[®]
Canal Enlargement Alternative

Project Area

Potential Impacts

No Impact

Permanent

Temporary

Tenth-of-Mile

Mile Post

Figure No.
G2: Sheet 12 of 27

Title
Impacts by Zone Designation

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

184031016
Prepared by SCP
(2020-02-26)

Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

Friant

WATER AUTHORITY

Stantec

N

0

500

1,000

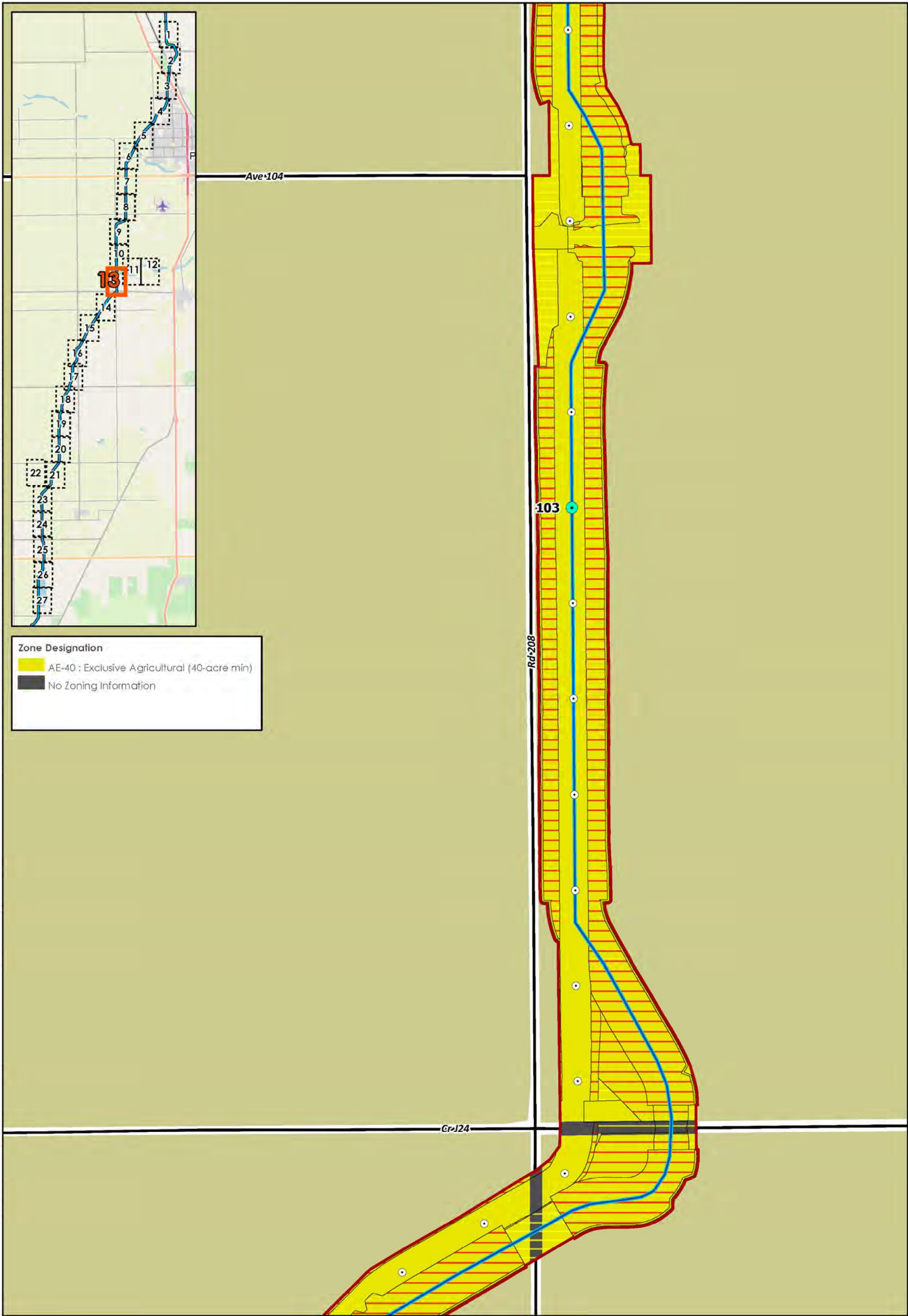
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Service Layer Credits: OpenStreetMap: Map data © OpenStreetMap contributors, Map layer by Esri; NAIP 2016

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FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT[®]
Canal Enlargement Alternative

- | | |
|-------------------|---------------------------------------|
| Project Area | Proposed Canal Enlargement Centerline |
| Potential Impacts | Tenth-of-Mile |
| No Impact | Mile Post |
| Permanent | |
| Temporary | |

Figure No.
G2: Sheet 13 of 27

Title
Impacts by Zone Designation

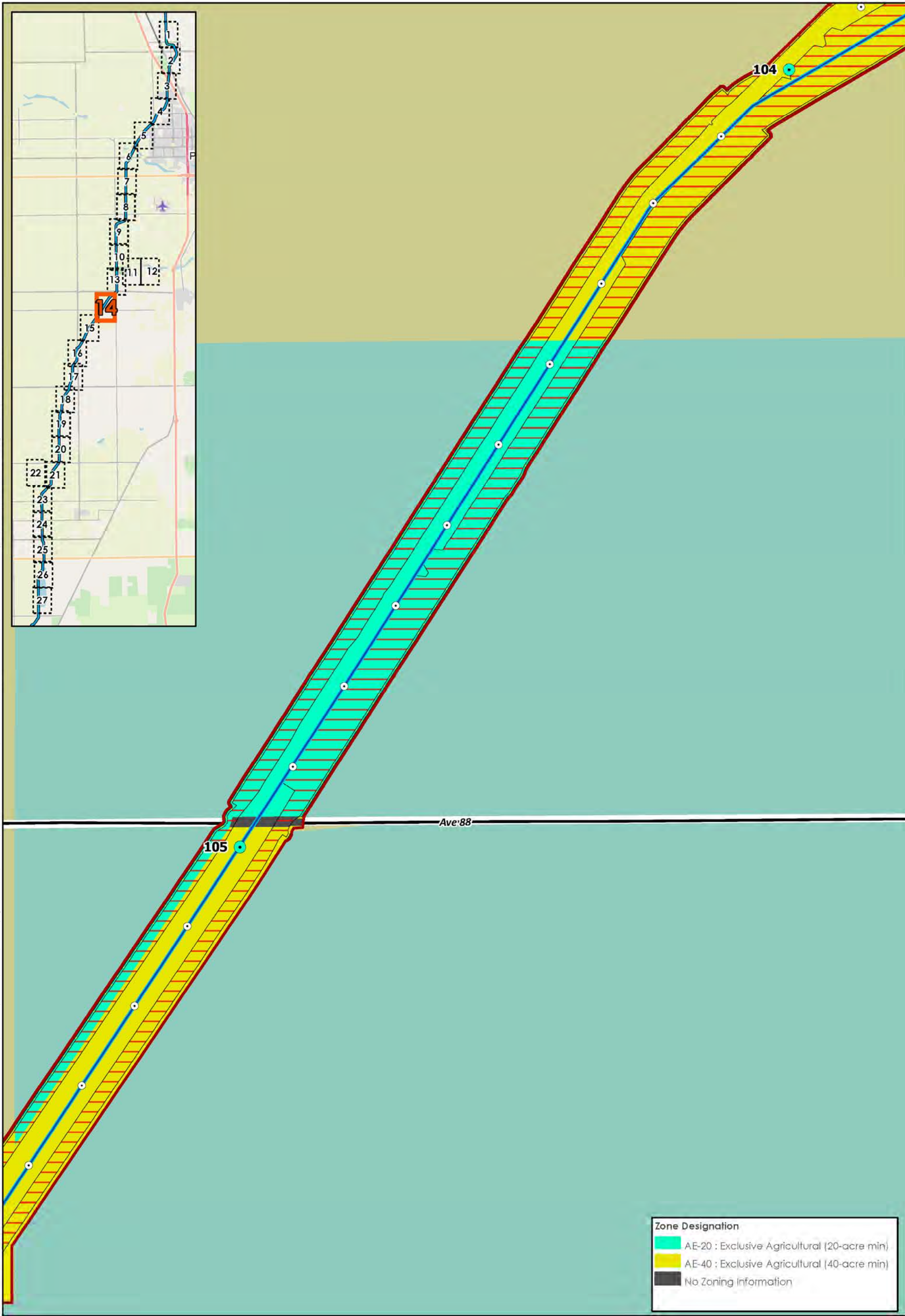
Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

184031016
Prepared by SCP
(2020-02-26)



Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

Disclaimer: Client assumes no responsibility for data supplied in electronic format. The recipient accepts full responsibility for verifying the accuracy and completeness of the data. The recipient releases Stantec, its officers, employees, consultants and agents, from any and all claims arising in any way from the content or provision of the data.



Zone Designation

- AE-20 : Exclusive Agricultural (20-acre min)
- AE-40 : Exclusive Agricultural (40-acre min)
- No Zoning Information

FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT[®]
Canal Enlargement Alternative

Project Area

Potential Impacts

No Impact

Permanent

Temporary

Tenth-of-Mile

Mile Post

Figure No.
G2: Sheet 14 of 27

Title
Impacts by Zone Designation

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

184031016
Prepared by SCP
(2020-02-24)

Friant
WATER AUTHORITY

Stantec

05001,000

Feet

1: 6,000 (At original document size of 11x17)

Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

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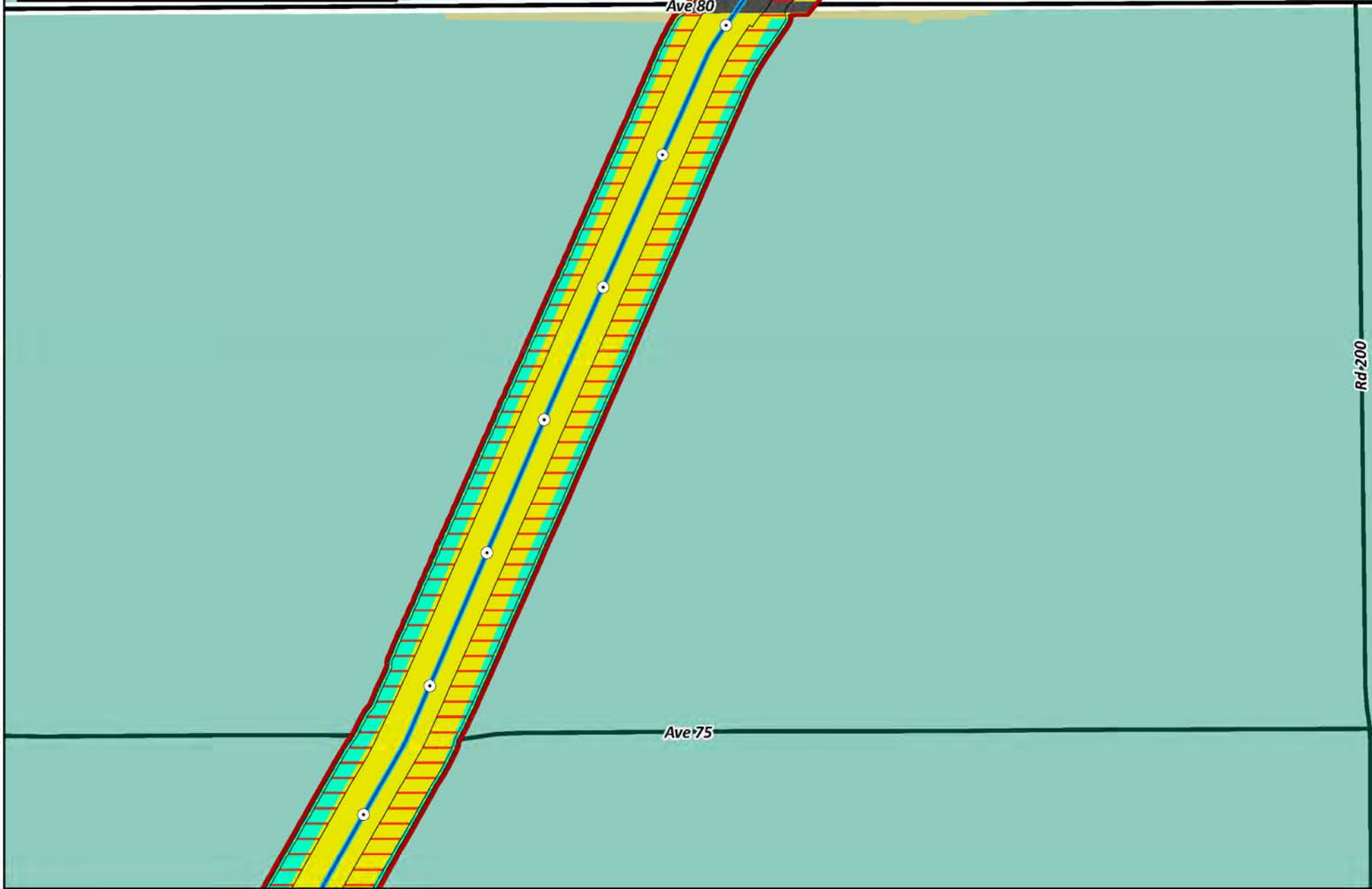


Zone Designation

AE-20 : Exclusive Agricultural (20-acre min)

AE-40 : Exclusive Agricultural (40-acre min)

No Zoning Information



FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT

Canal Enlargement Alternative

Project Area

Potential Impacts

No Impact

Permanent

Temporary

Tenth-of-Mile

Mile Post

Figure No.
G2: Sheet 15 of 27

Title
Impacts by Zone Designation

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

184031016
Prepared by SCP
(2020-02-24)

Friant

Stantec

0 500 1,000 Feet
1: 6,000 (At original document size of 11x17)

Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

N

Service Layer Credits: OpenStreetMap: Map data © OpenStreetMap contributors, Map layer by Esri; NAIP 2016

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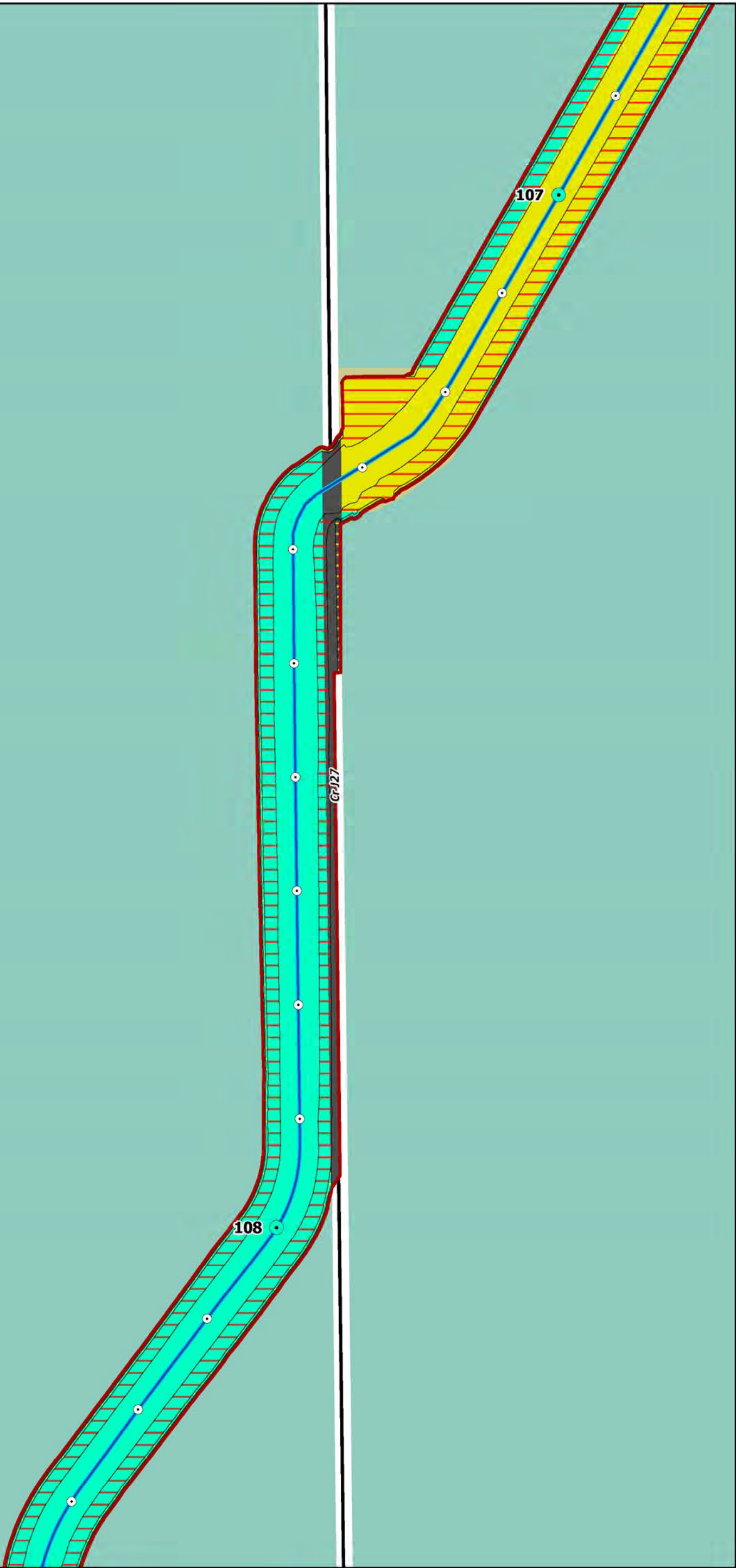


Zone Designation

AE-20 : Exclusive Agricultural (20-acre min)

AE-40 : Exclusive Agricultural (40-acre min)

No Zoning Information



FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT[™]

Canal Enlargement Alternative

Project Area

Potential Impacts

No Impact

Permanent

Temporary

Tenth-of-Mile

Mile Post

Figure No.
G2: Sheet 16 of 27

Title
Impacts by Zone Designation

Project Location

Tulare and Kern Counties, CA

7.5' USGS Quadrangles

Porterville, California (1971)

Sausalito School, California (1971)

Ducor, California (1972)

184031016

Prepared by SCP

(2020-02-24)

Friant

WATER SUSTAINABILITY

Stantec

Client/Project

Friant Water Authority

Friant-Kern Canal Middle Reach Capacity Correction Project

0

500

1,000

Feet

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Zone Designation

AE-20 : Exclusive Agricultural (20-acre min)

No Zoning Information



FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT[®]

Canal Enlargement Alternative

Project Area

Potential Impacts

No Impact

Permanent

Temporary

Proposed Canal Enlargement Centerline

Tenth-of-Mile

Mile Post

Figure No.
G2: Sheet 17 of 27

Title
Impacts by Zone Designation

Project Location

Tulare and Kern Counties, CA

7.5' USGS Quadrangles

Porterville, California (1971)

Sausalito School, California (1971)

Ducor, California (1972)

184031016

Prepared by SCP

(2020-02-26)

Friant

Stantec

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Client/Project

Friant Water Authority

Friant-Kern Canal Middle Reach Capacity Correction Project

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Zone Designation

AE-20 : Exclusive Agricultural (20-acre min)

No Zoning Information



FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT

Canal Enlargement Alternative

Project Area

Potential Impacts

No Impact

Permanent

Temporary

Proposed Canal Enlargement Centerline

Tenth-of-Mile

Mile Post

Figure No.
G2: Sheet 18 of 27

Title
Impacts by Zone Designation

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

184031016
Prepared by SCP
(2020-02-24)

Friant

Stantec

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Client/Project

Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

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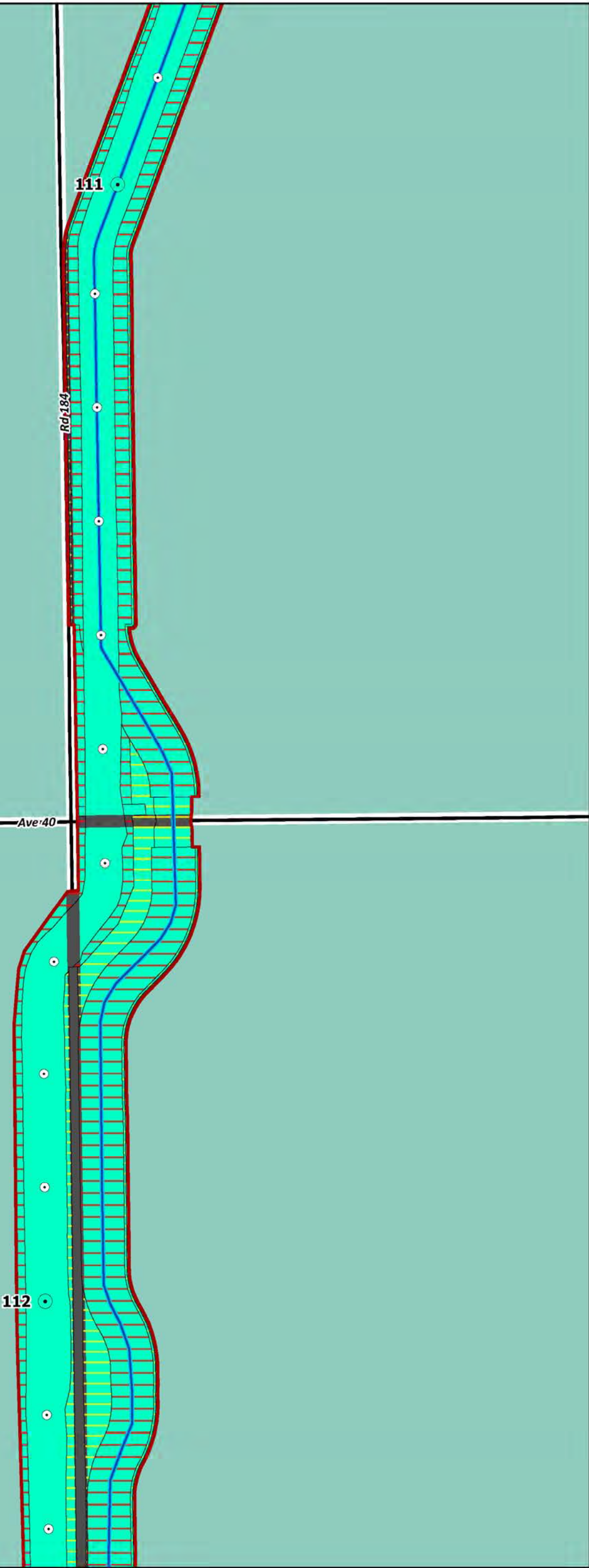
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Zone Designation

AE-20 : Exclusive Agricultural (20-acre min)

No Zoning Information



FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT[™]
Canal Enlargement Alternative

Project Area

Potential Impacts

No Impact

Permanent

Temporary

Proposed Canal Enlargement Centerline

Tenth-of-Mile

Mile Post

Figure No.
G2: Sheet 19 of 27

Title
Impacts by Zone Designation

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

184031016
Prepared by SCP
(2020-02-26)

Friant
WATER SUSTAINABILITY

Stantec

N

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Feet

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Client/Project

Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

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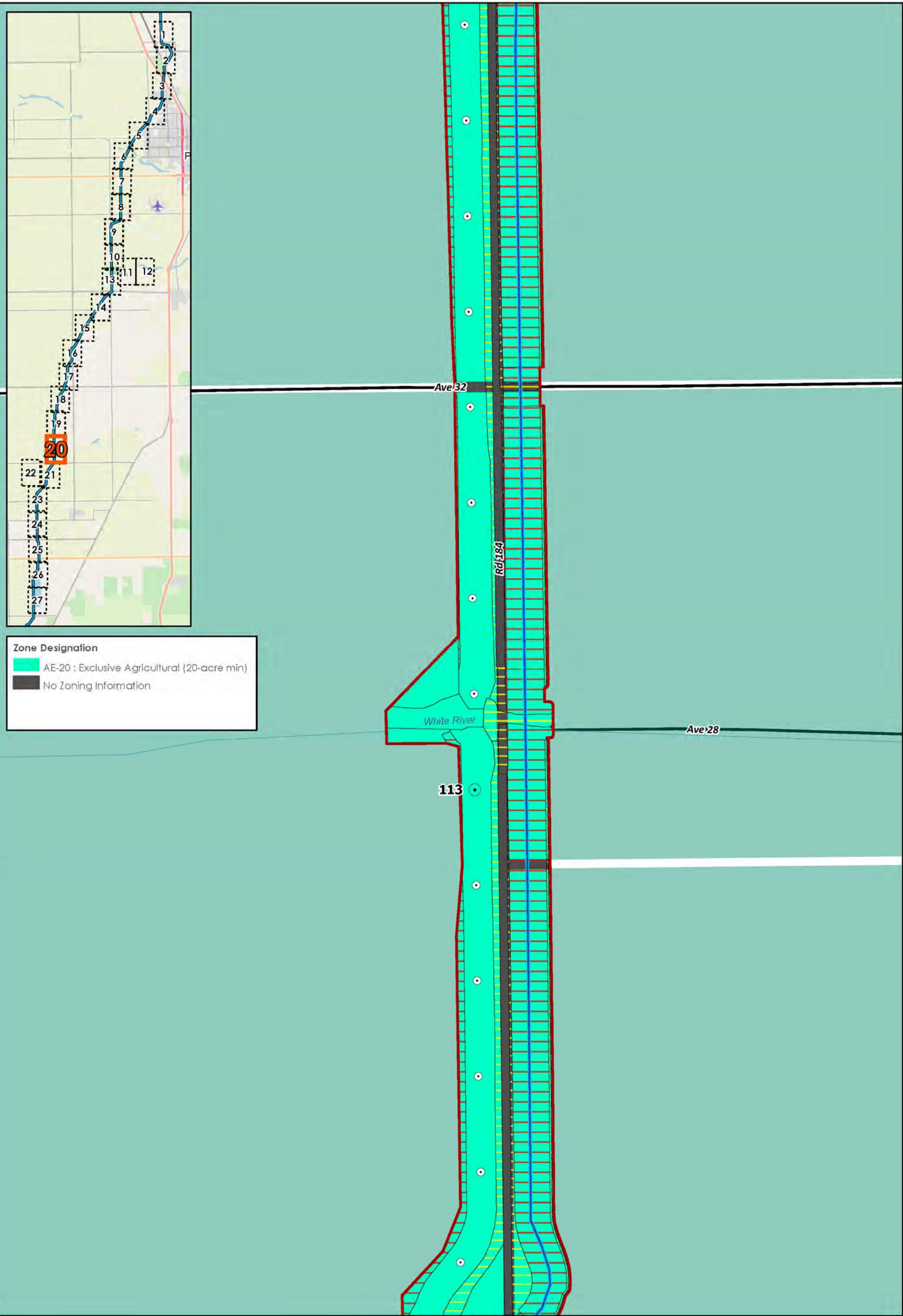
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Zone Designation

AE-20 : Exclusive Agricultural (20-acre min)

No Zoning Information



FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT[™]
Canal Enlargement Alternative

Project Area

Potential Impacts

No Impact

Permanent

Temporary

Proposed Canal Enlargement Centerline

Tenth-of-Mile

Mile Post

Figure No.
G2: Sheet 20 of 27

Title
Impacts by Zone Designation

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

184031016
Prepared by SCP
(2020-02-26)

Friant
WATER SUSTAINABILITY

Stantec

05001,000

Feet

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Client/Project

Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

Service Layer Credits: OpenStreetMap: Map data © OpenStreetMap contributors, Map layer by Esri; NAIP 2016

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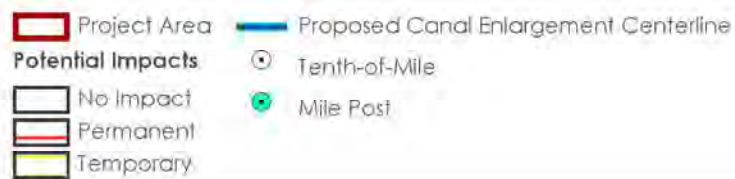
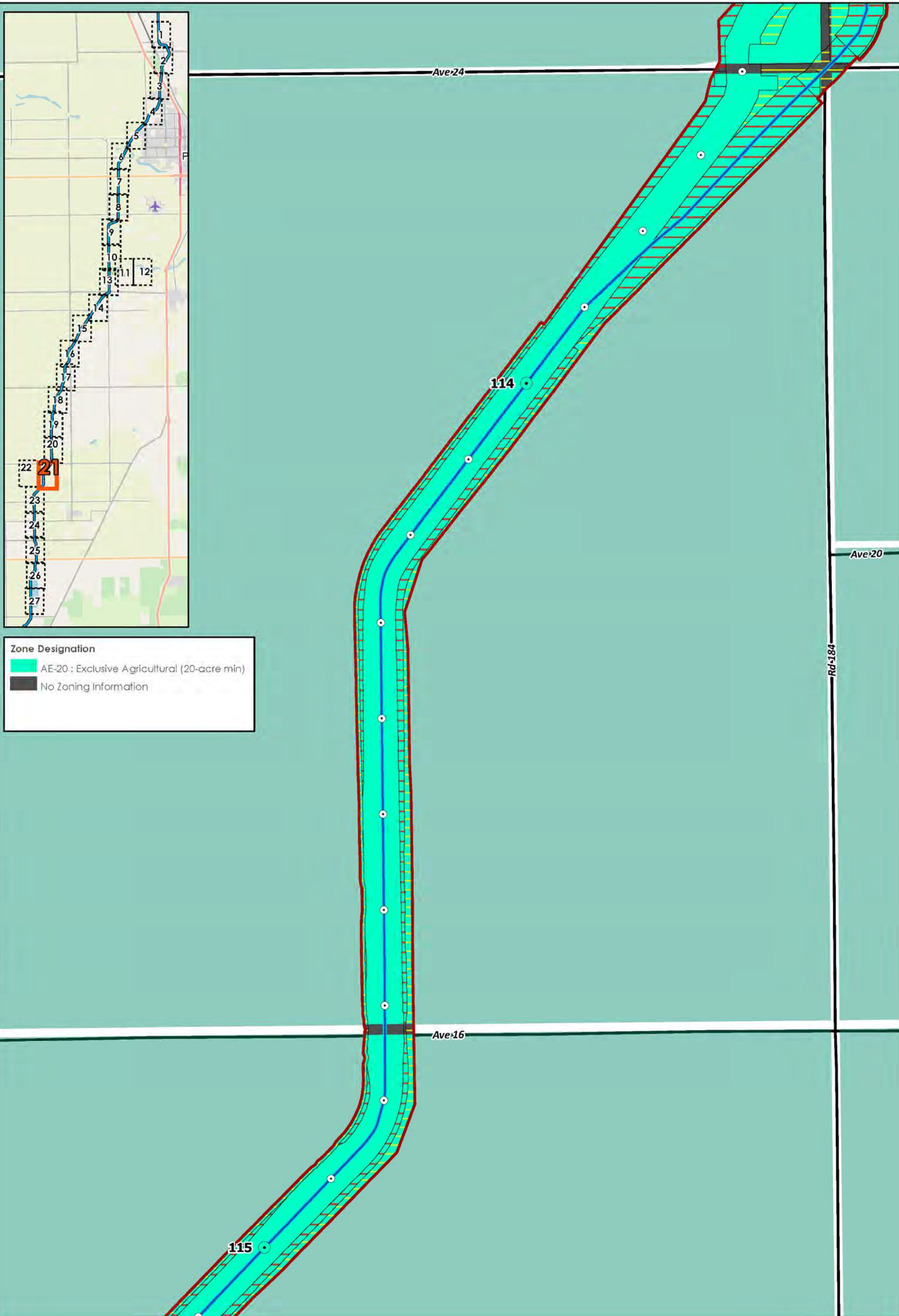


Figure No.
G2: Sheet 21 of 27

Title
Impacts by Zone Designation

Project Location	184031016
Tulare and Kern Counties, CA	Prepared by SCP
7.5 USGS Quadrangles	[2009-03-26]
Porterville, California (1971)	
Sausalito School, California (1971)	
Ducor, California (1972)	



Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

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Zone Designation

AE-20 : Exclusive Agricultural (20-acre min)

Rd-172

Ave-24

Rd-176

Potential
Borrow Area

Ave-16

FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT[™]
Canal Enlargement Alternative

- Project Area
- Proposed Canal Enlargement Centerline
- Potential Impacts
- No Impact
- Permanent
- Temporary
- Tenth-of-Mile
- Mile Post

Figure No.
G2: Sheet 22 of 27

Title
Impacts by Zone Designation

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

184031016
Prepared by SCP
(2020-02-26)



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Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

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Zone Designation

AE-20 : Exclusive Agricultural (20-acre min)

No Zoning Information

Rd-172

Ave-12

Ave-8

Rd-176

116

Ave-4

Rd-174

Figure No.
G2: Sheet 23 of 27

Title
Impacts by Zone Designation

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

184031016
Prepared by SCP
(2020-02-24)

Friant WATER AUTHORITY

Stantec

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Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

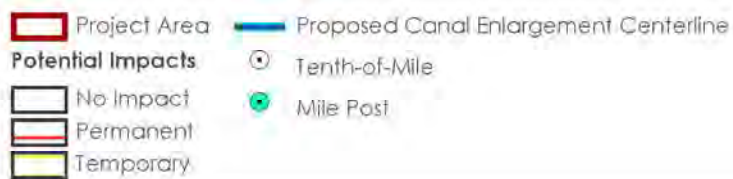
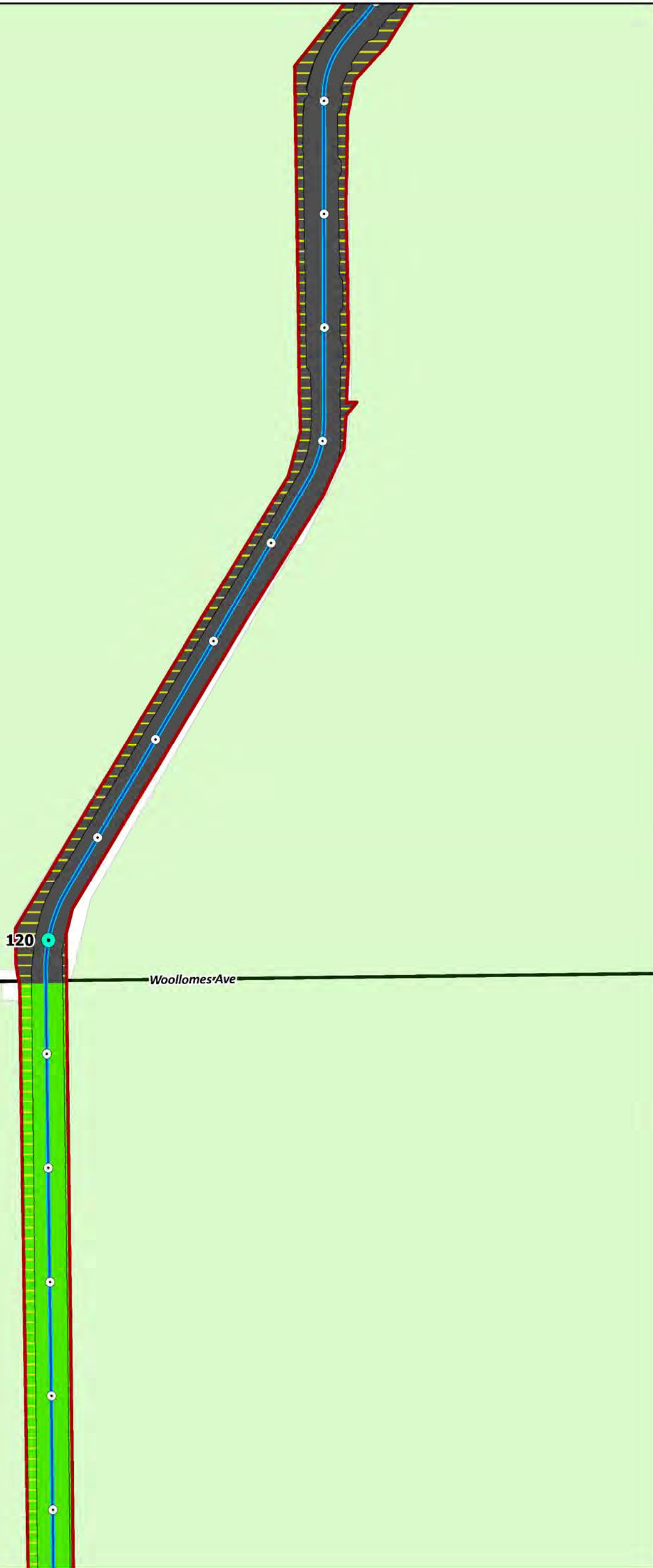
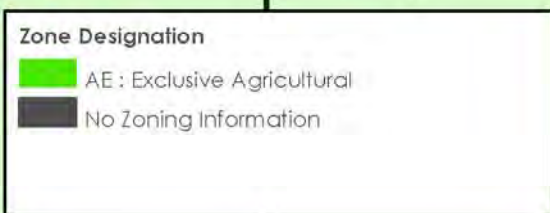


Figure No.
G2: Sheet 26 of 27

Title

Project Location	184031016
Tulare and Kern Counties, CA.	Repaired by SCP
7.5' USGS Quadrangles	[2020-03-26]
Porterville, California (1971)	
Sausalito School, California (1971)	
Ducar, California (1972)	



Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

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Zone Designation

AE : Exclusive Agricultural

121



FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT[™]
Canal Enlargement Alternative

- Project Area
- Proposed Canal Enlargement Centerline
- Potential Impacts
- No Impact
- Permanent
- Temporary
- Tenth-of-Mile
- Mile Post

Figure No.
G2: Sheet 27 of 27

Title
Impacts by Zone Designation

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

184031016
Prepared by SCP
(2020-02-26)



Stantec



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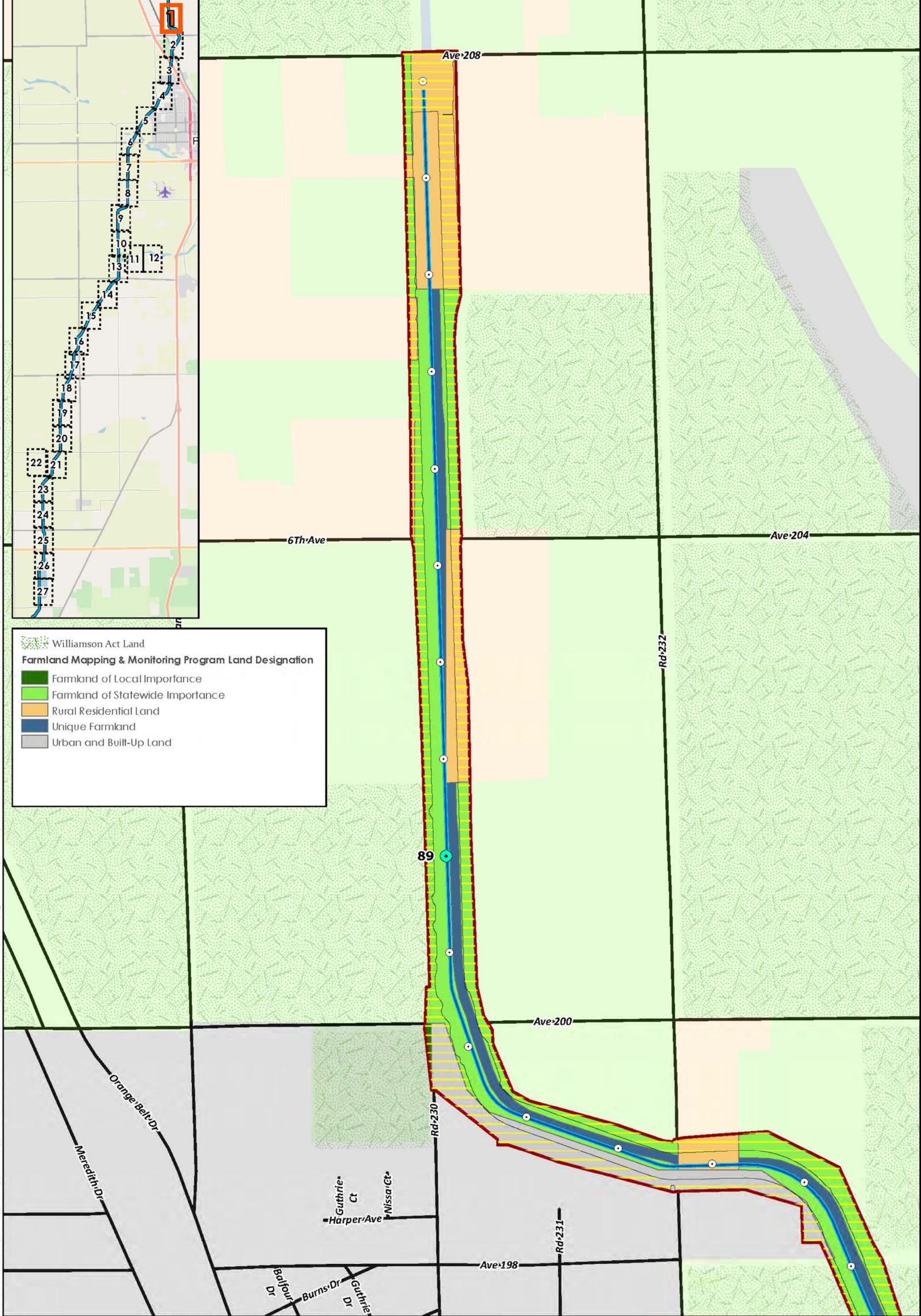
Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

		Area (acre)		
Layer	Subset	Tulare - Permanent	Kern - Permanent	Permanent Impacts
Project Area	N/A	532.93	0.00	532.93
Williamson Act	PRIME	347.02	0.00	347.02
FMMP	N/A	532.93	0.00	532.93
	Farmland of Local Importance	16.97	0.00	16.97
	Farmland of Statewide Importance	209.07	0.00	209.07
	Grazing Land	0.00	0.00	0.00
	Nonagricultural and Natural Vegetation	11.15	0.00	11.15
	Prime Farmland	218.88	0.00	218.88
	Rural Residential Land	0.00	0.00	0.00
	Semi-Agricultural and Rural Commercial Land	1.02	0.00	1.02
	Unique Farmland	68.30	0.00	68.30
	Urban and Built-Up Land	0.00	0.00	0.00
	Vacant or Disturbed Land	7.54	0.00	7.54
	Water	0.00	0.00	0.00

		Area (acre)		
Layer	Subset	Tulare - Temporary	Kern - Temporary	Temporary Impacts
Project Area	N/A	954.96	53.47	1,008.43
Williamson Act	PRIME	315.72	0.59	316.31
FMMP	N/A	954.96	53.47	1,008.43
	Farmland of Local Importance	307.81	0.00	307.81
	Farmland of Statewide Importance	341.20	22.71	363.91
	Grazing Land	0.84	0.00	0.84
	Nonagricultural and Natural Vegetation	7.57	0.00	7.57
	Prime Farmland	208.96	21.03	229.99
	Rural Residential Land	23.01	0.00	23.01
	Semi-Agricultural and Rural Commercial Land	3.39	1.32	4.71
	Unique Farmland	23.26	0.00	23.26
	Urban and Built-Up Land	22.19	0.00	22.19
	Vacant or Disturbed Land	16.73	0.00	16.73
	Water	0.00	8.41	8.41

		Area (acre)		
Layer	Subset	Total Area	Tulare	Kern
Project Area	N/A	2,695.67	2,493.75	201.92
Williamson Act	PRIME	1,098.17	1,045.14	53.03
FMMP	N/A	2,695.67	2,493.75	201.92
	Farmland of Local Importance	354.86	354.86	0.00
	Farmland of Statewide Importance	689.61	613.16	76.45
	Grazing Land	9.03	9.03	0.00
	Nonagricultural and Natural Vegetation	35.69	35.69	0.00
	Prime Farmland	912.99	860.11	52.88
	Rural Residential Land	62.87	62.87	0.00
	Semi-Agricultural and Rural Commercial Land	19.51	12.22	7.29
	Unique Farmland	477.58	456.23	21.35
	Urban and Built-Up Land	46.14	46.14	0.00
	Vacant or Disturbed Land	43.44	43.44	0.00
	Water	43.95	0.00	43.95

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FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT
Canal Enlargement and Re-alignment Alternative

- Potential Impacts**
- No Impact
 - Permanent
 - Temporary
- Proposed Canal Re-alignment Centerline**
- Mile Post
 - Tenth-of-Mile

Figure No.
G3: Sheet 1 of 27

Title
Impacts by FMMP

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

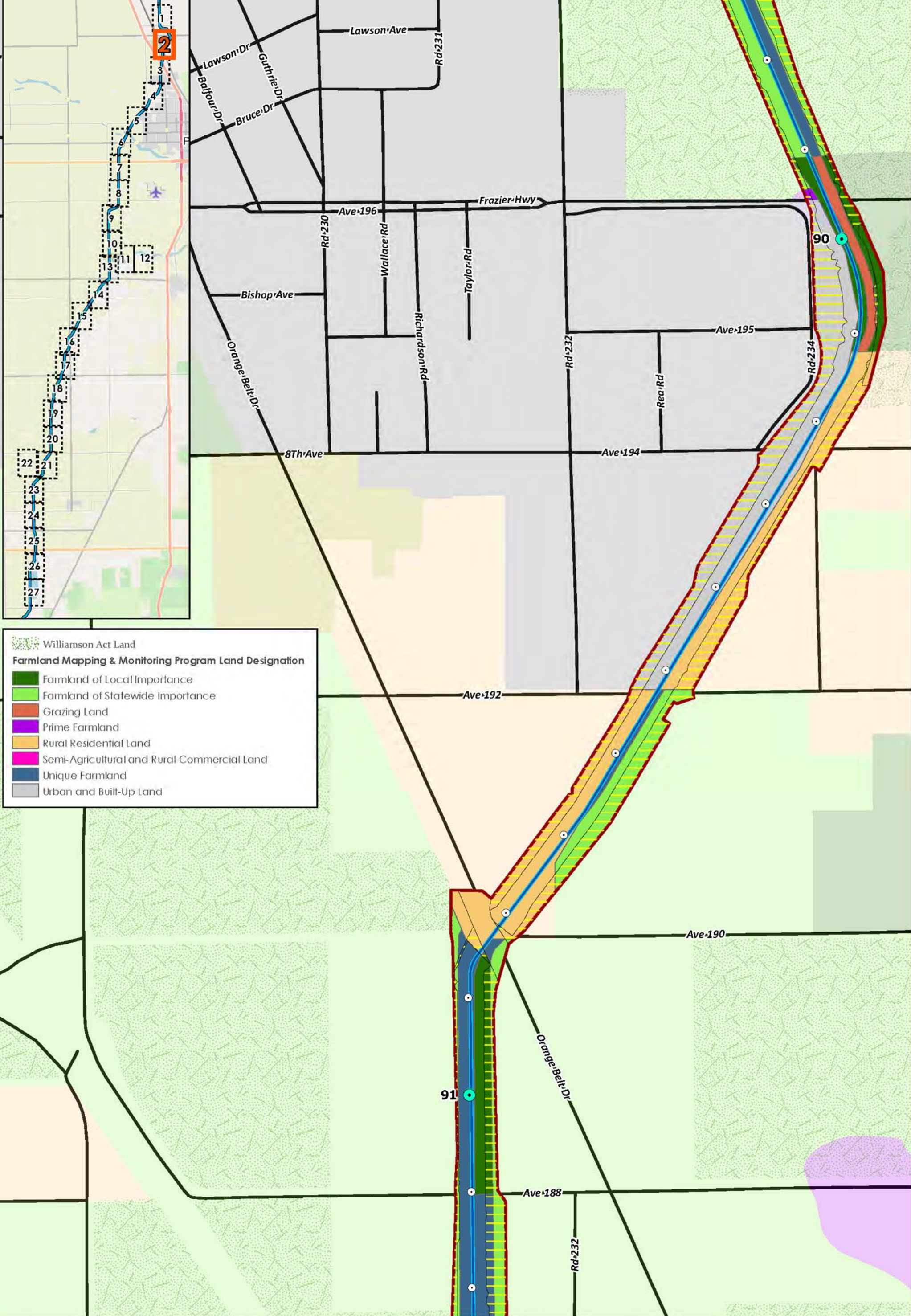
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Prepared by SCP
(2020-03-25)



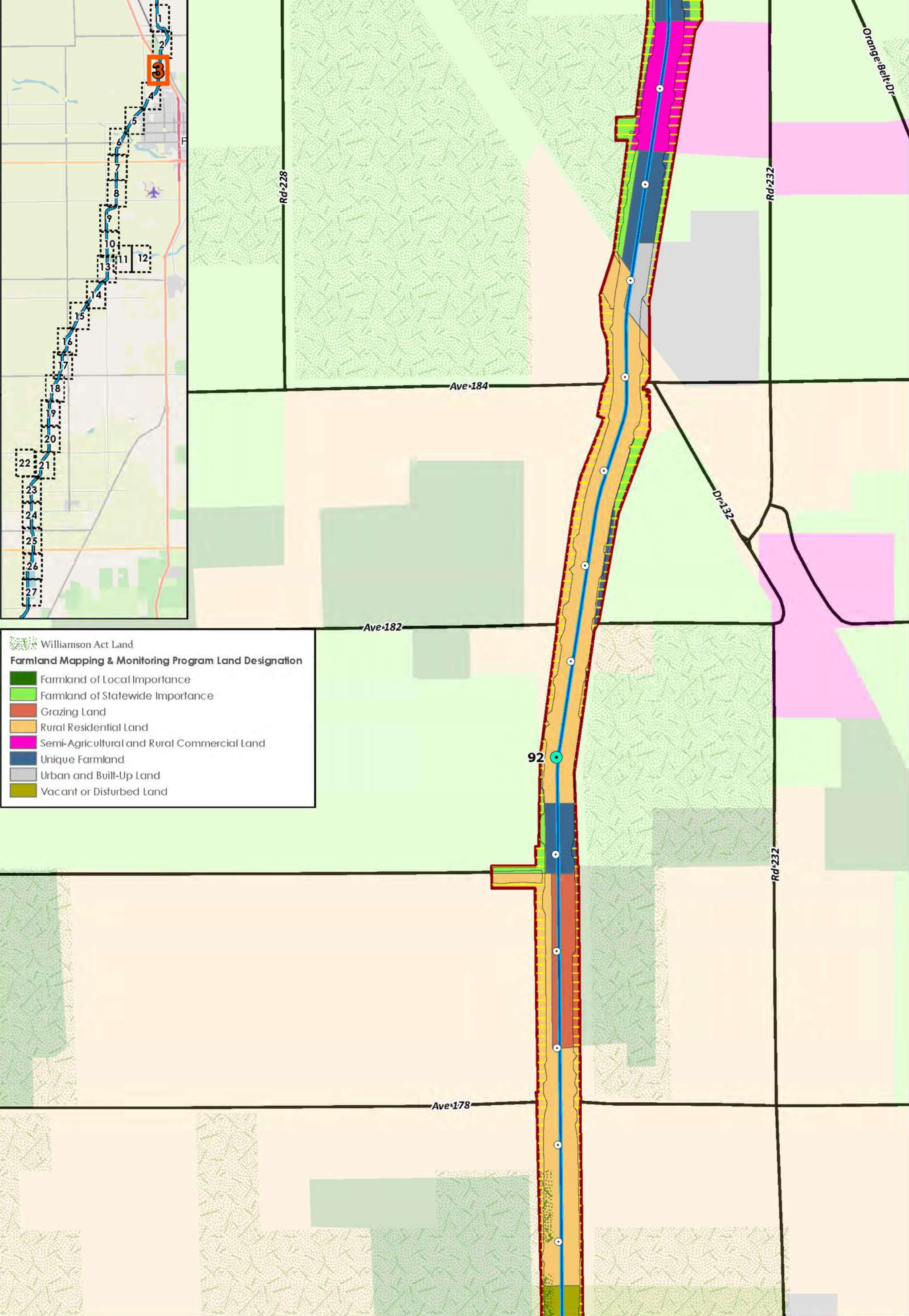
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Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

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FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT
Canal Enlargement and Re-alignment Alternative

- Potential Impacts**
- No Impact
 - Permanent
 - Temporary
- Proposed Canal Re-alignment Centerline**
- Mile Post
 - Tenth-of-Mile

Figure No.
G3: Sheet 3 of 27

Impacts by FMMP

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

184031016
Prepared by SCP
(2020-03-25)

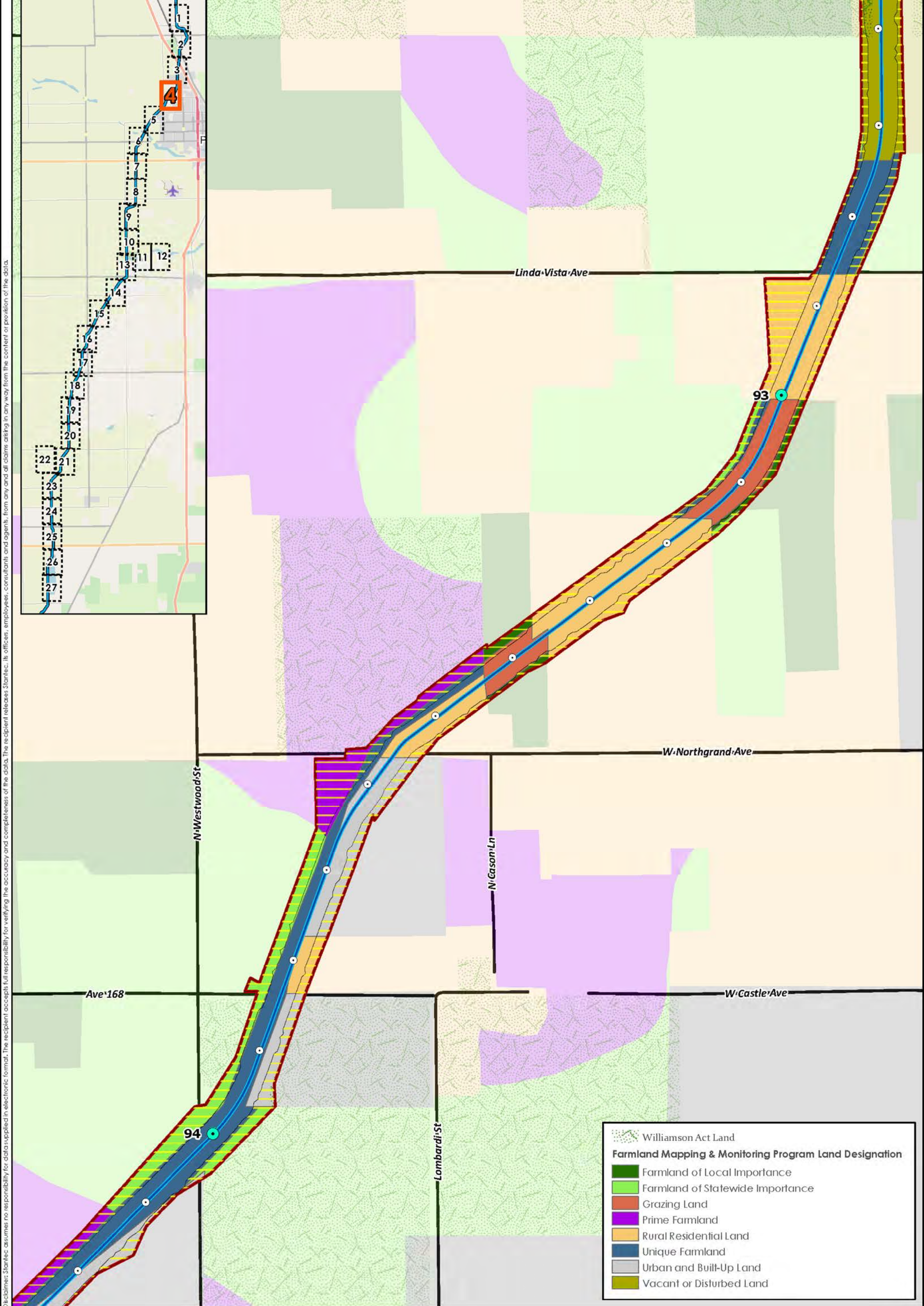
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Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

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FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT
Canal Enlargement and Re-alignment Alternative

- Potential Impacts**
- No Impact
 - Permanent
 - Temporary
- Proposed Canal Re-alignment Centerline**
- Mile Post
 - Tenth-of-Mile

Figure No.
G3: Sheet 4 of 27

Impacts by FMMP

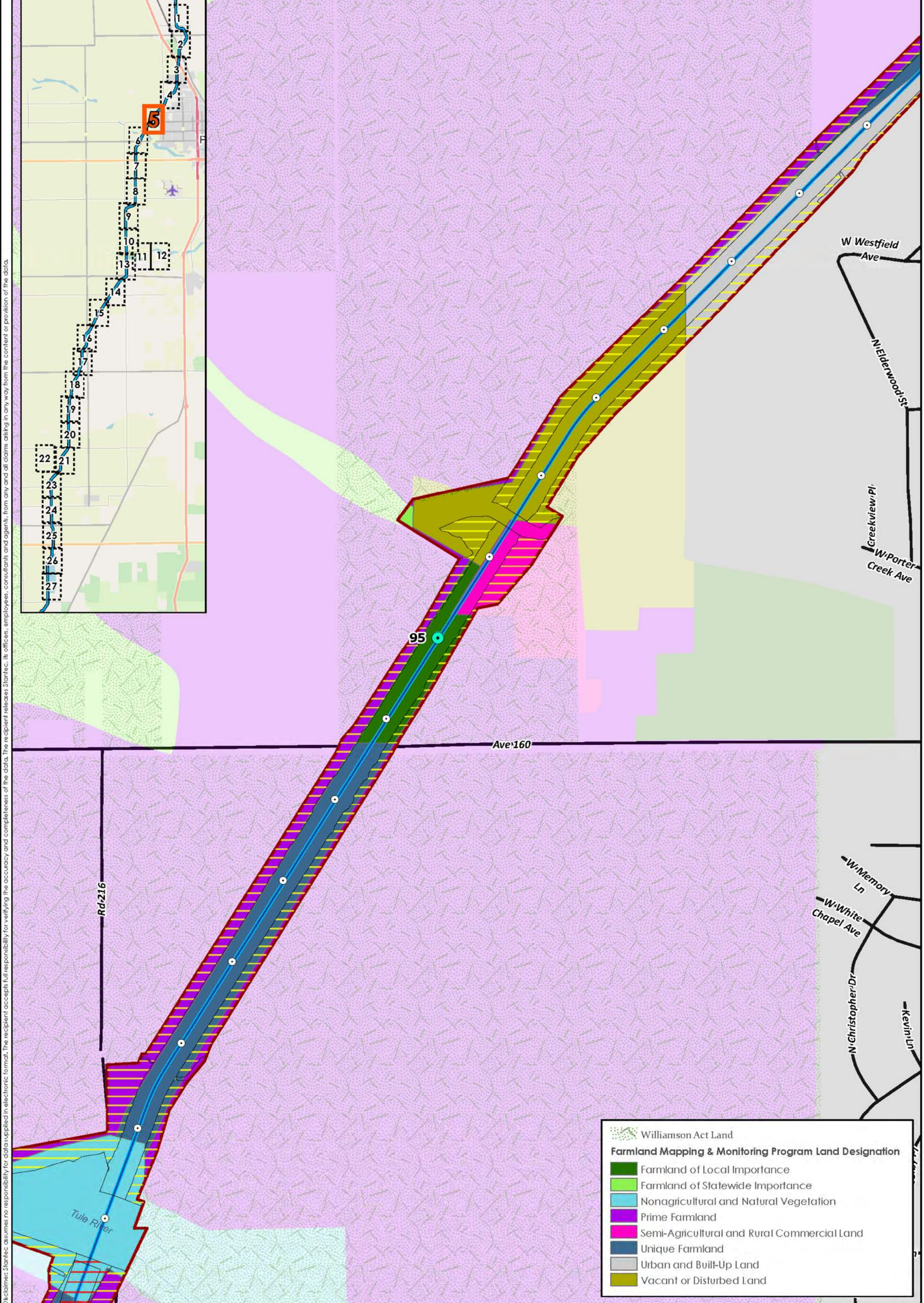
Project Location
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7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

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Prepared by SCP
(2020-03-25)



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Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

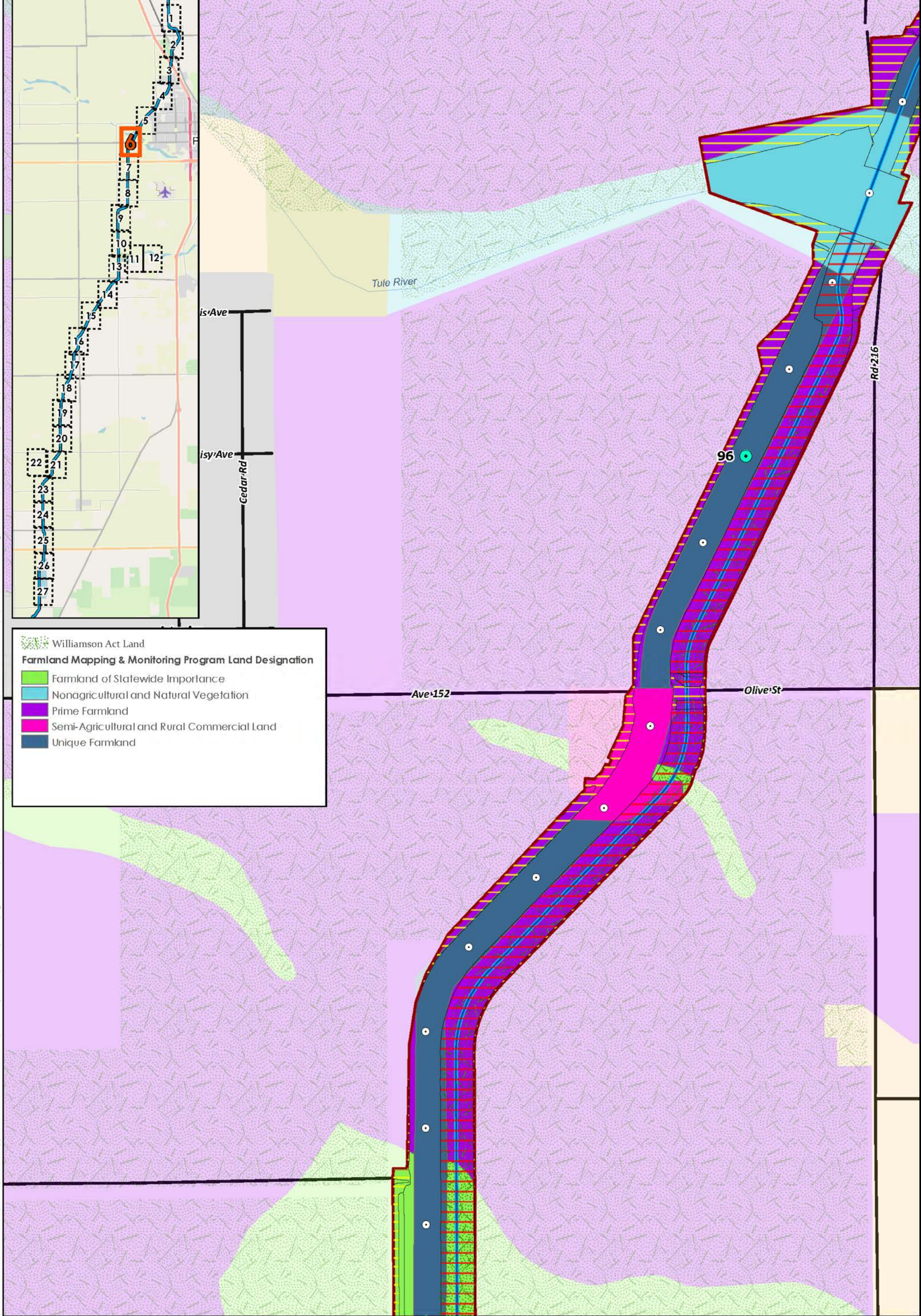


FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT
Canal Enlargement and Re-alignment Alternative

Figure No.
G3: Sheet 5 of 27

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FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT
Canal Enlargement and Re-alignment Alternative

Figure No.
G3: Sheet 6 of 27

Title
Impacts by FMMP

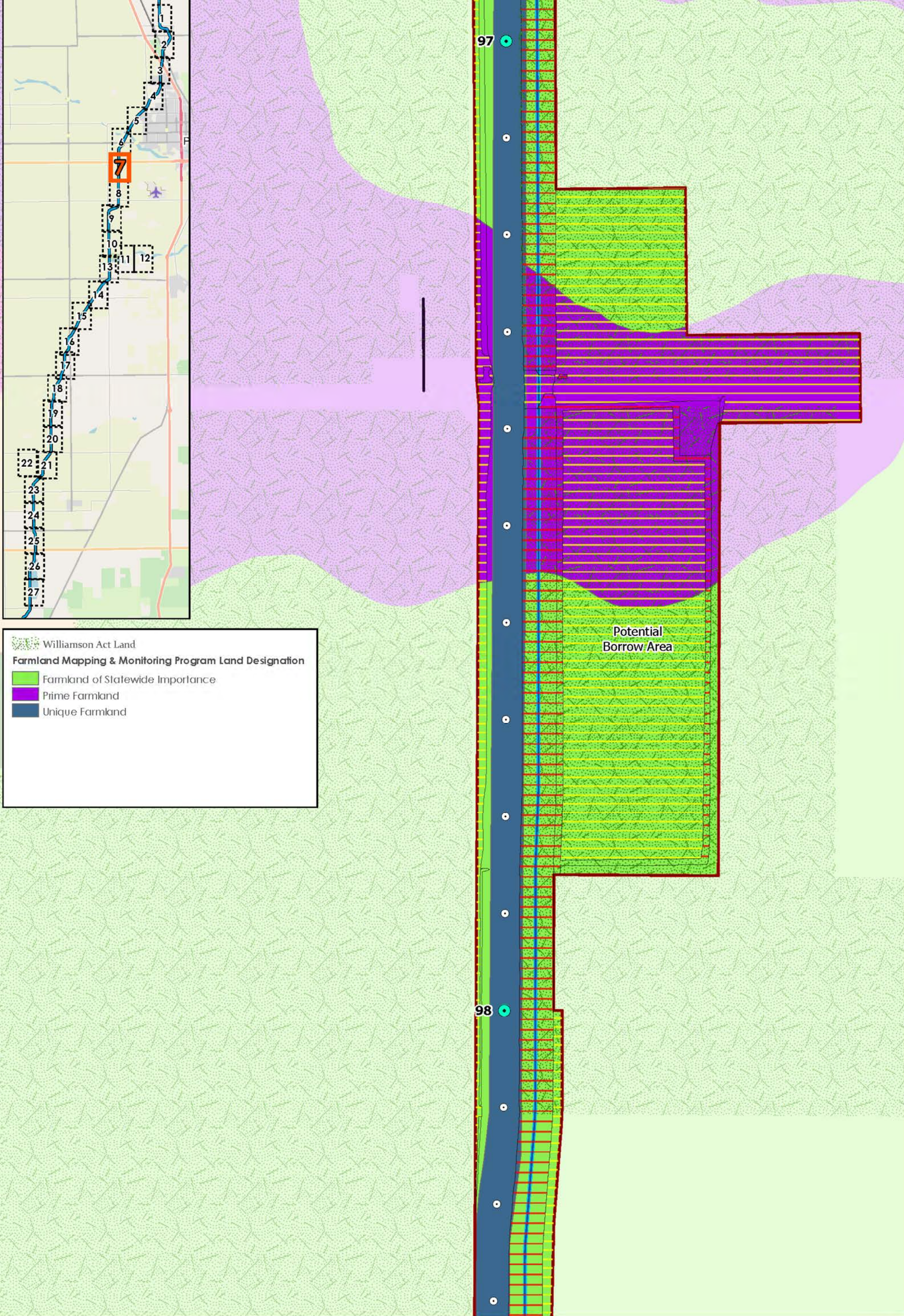
Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

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Prepared by SCP
(2020-03-25)



Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

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FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT
Canal Enlargement and Re-alignment Alternative

- Potential Impacts**
- No Impact
 - Permanent
 - Temporary
- Proposed Canal Re-alignment Centerline**
- Mile Post
 - Tenth-of-Mile

Figure No.
G3: Sheet 7 of 27

Title
Impacts by FMMP

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

184031016
Prepared by SCP
(2020-03-25)

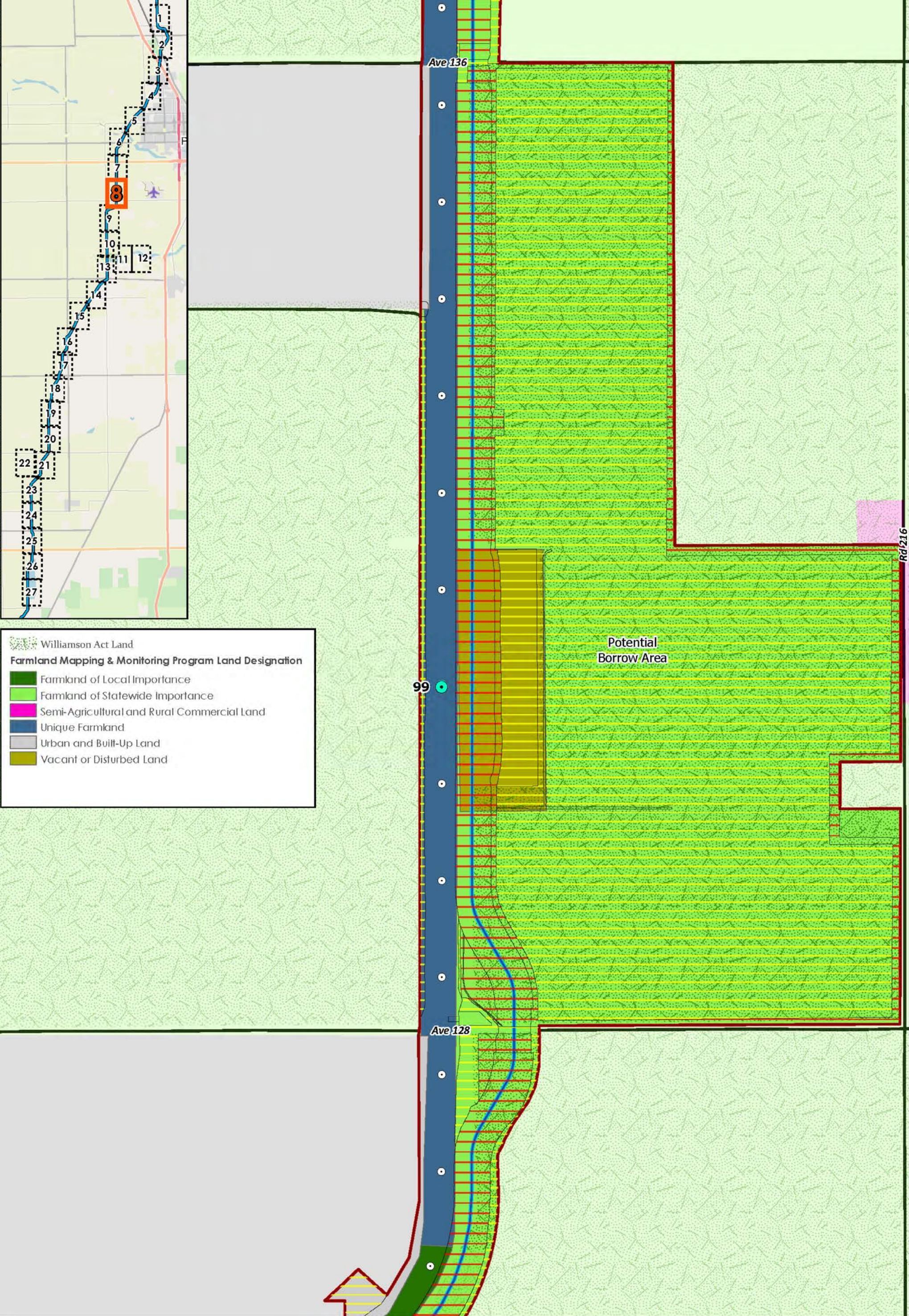
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Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

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FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT
Canal Enlargement and Re-alignment Alternative

- Potential Impacts**
- No Impact
 - Permanent
 - Temporary
- Proposed Canal Re-alignment Centerline**
- Mile Post
 - Tenth-of-Mile

Figure No.
G3: Sheet 8 of 27

Title
Impacts by FMMP

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

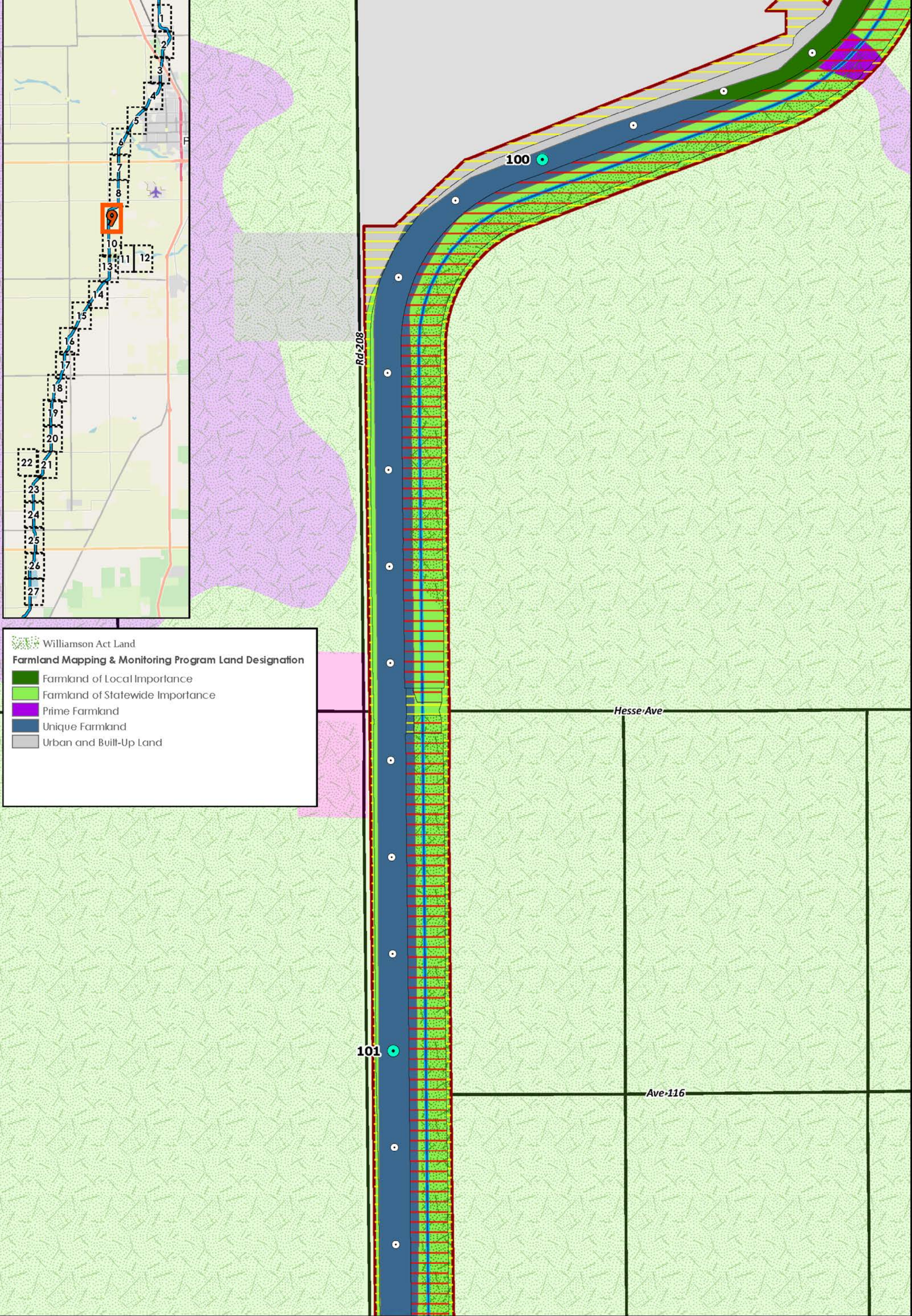
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Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

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FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT
Canal Enlargement and Re-alignment Alternative

- Potential Impacts**
- Project Area
 - Proposed Canal Re-alignment Centerline
 - No Impact
 - Permanent
 - Temporary
 - Mile Post
 - Tenth-of-Mile

Figure No.
G3: Sheet 9 of 27

Title
Impacts by FMMP

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

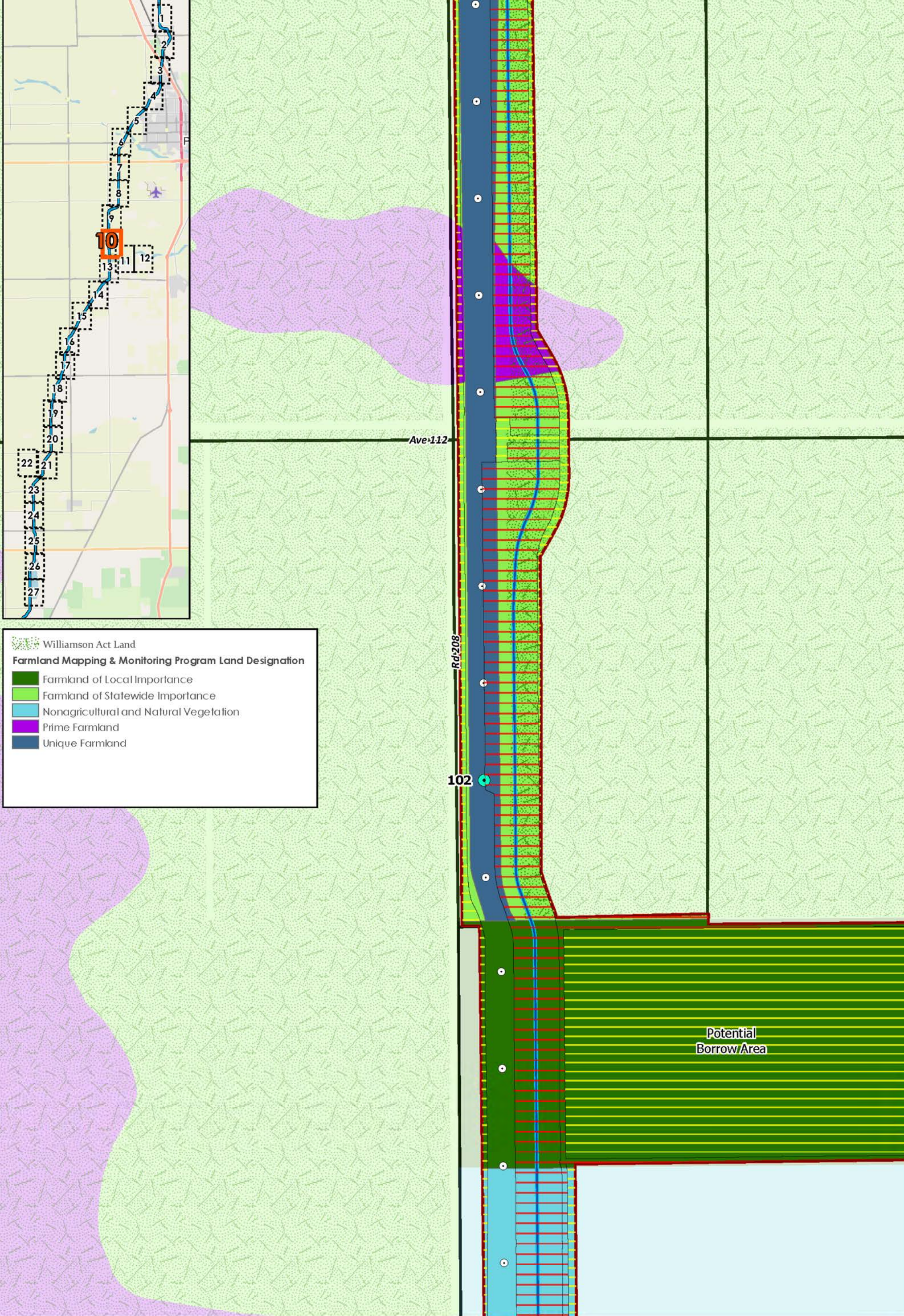
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Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

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FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT
Canal Enlargement and Re-alignment Alternative

- Potential Impacts**
- No Impact
 - Permanent
 - Temporary
- Other Features**
- Project Area
 - Proposed Canal Re-alignment Centerline
 - Mile Post
 - Tenth-of-Mile

Figure No.
G3: Sheet 10 of 27

Title
Impacts by FMMP

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

184031016
Prepared by SCP
(2020-03-25)



0 500 1,000 Feet
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Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

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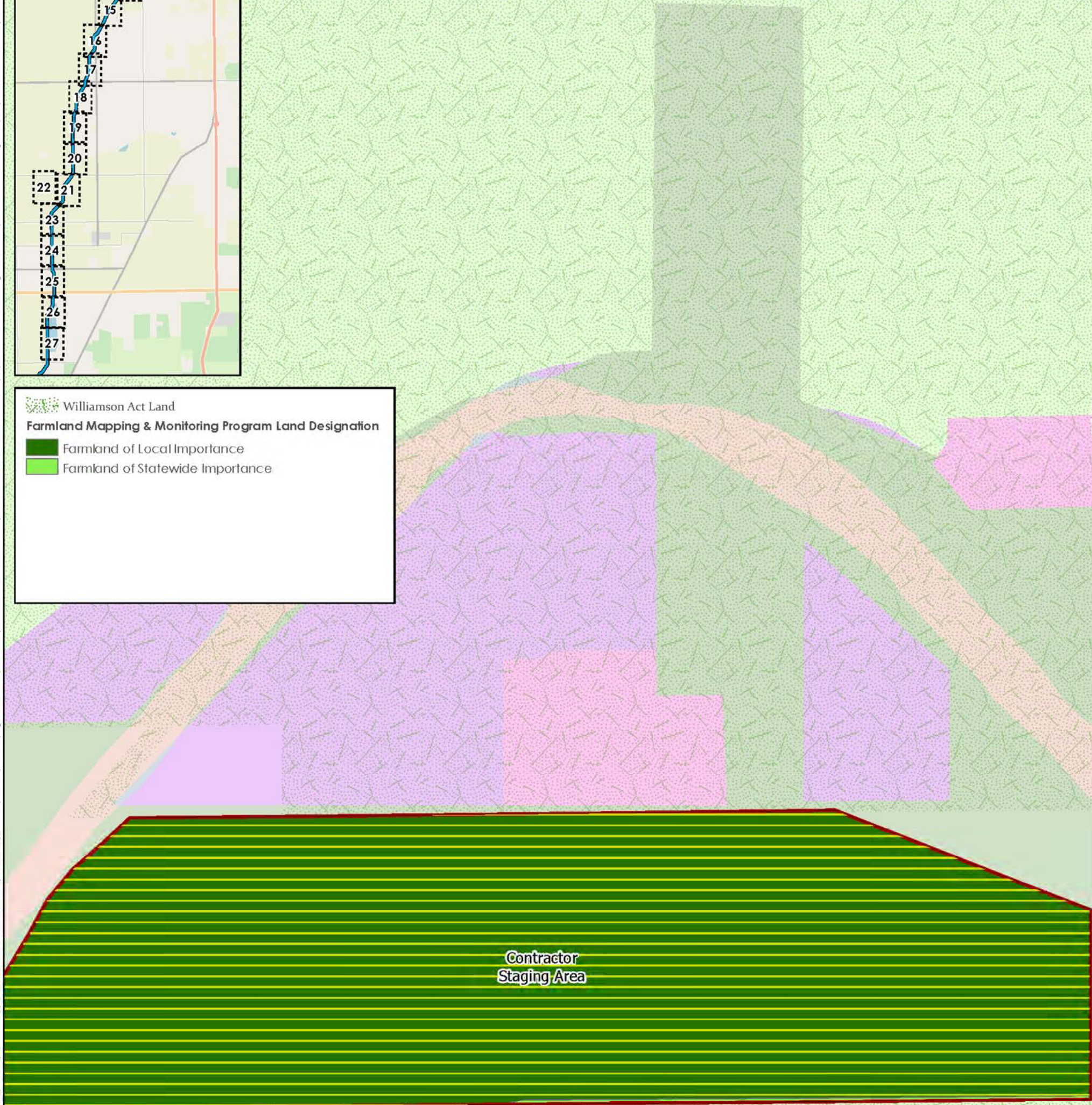


Williamson Act Land

Farmland Mapping & Monitoring Program Land Designation

Farmland of Local Importance

Farmland of Statewide Importance



FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT
Canal Enlargement and Re-alignment Alternative

Project Area

Proposed Canal Re-alignment Centerline

Potential Impacts

No Impact

Mile Post

Permanent

Temporary

Tenth-of-Mile

Figure No.
G3: Sheet 12 of 27

Title
Impacts by FMMP

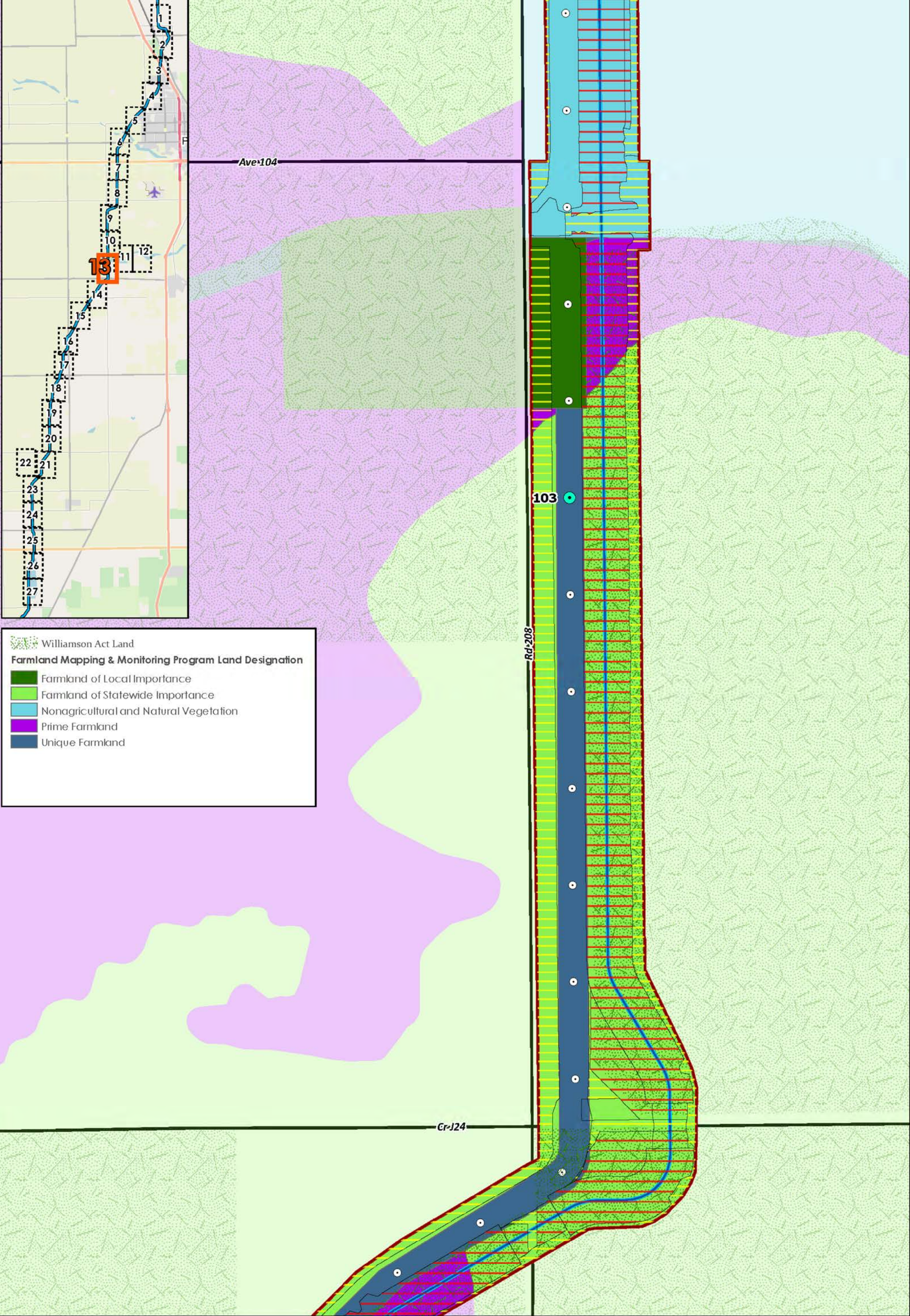
Project Location 184031016
Tulare and Kern Counties, CA Prepared by SCP
7.5' USGS Quadrangles (2020-03-25)
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

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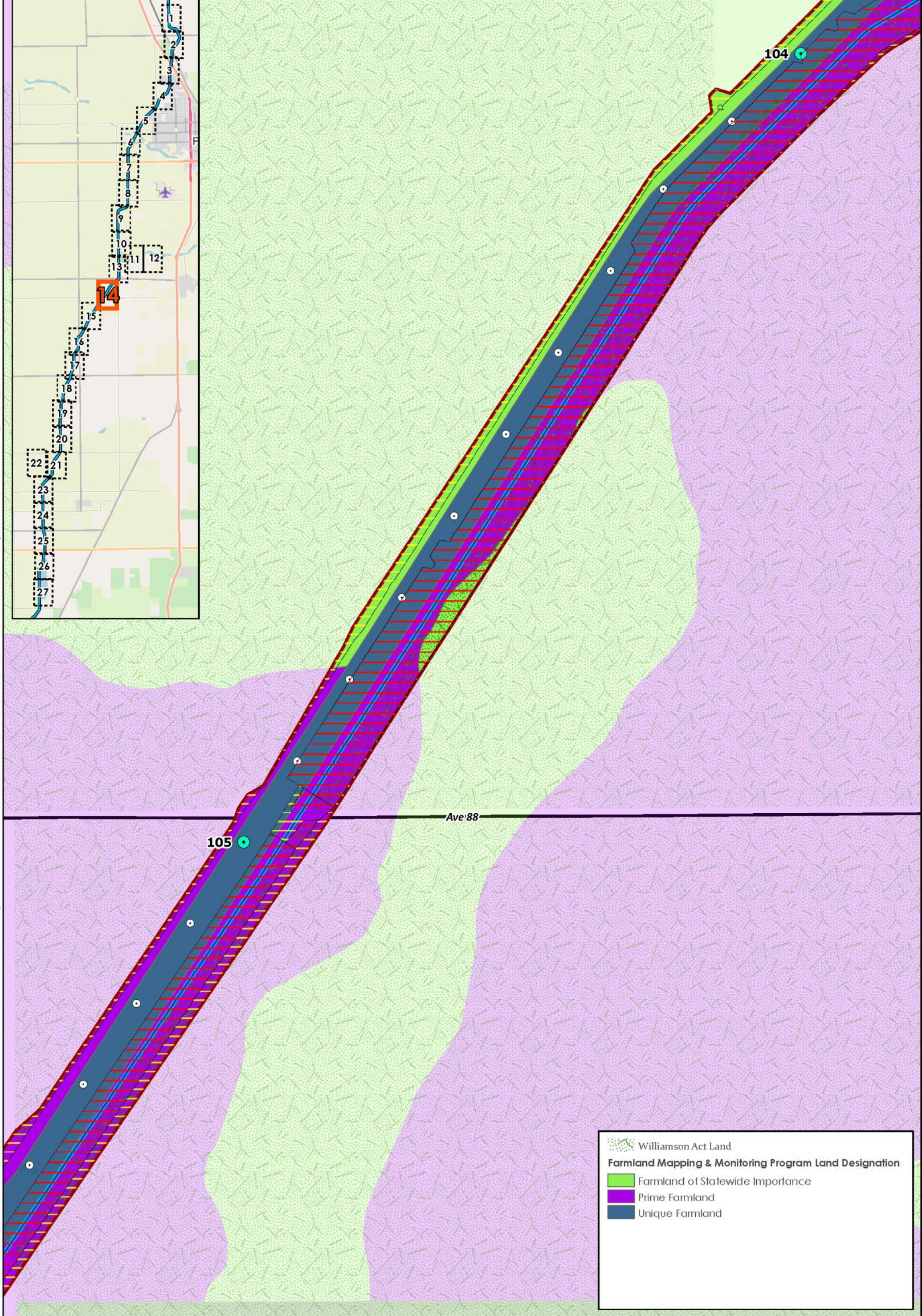
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Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

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FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT
Canal Enlargement and Re-alignment Alternative

- Project Area**
- Potential Impacts**
- No Impact
 - Permanent
 - Temporary
- Proposed Canal Re-alignment Centerline**
- Mile Post**
- Tenth-of-Mile

Figure No.
G3: Sheet 14 of 27

Title
Impacts by FMMP

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

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Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

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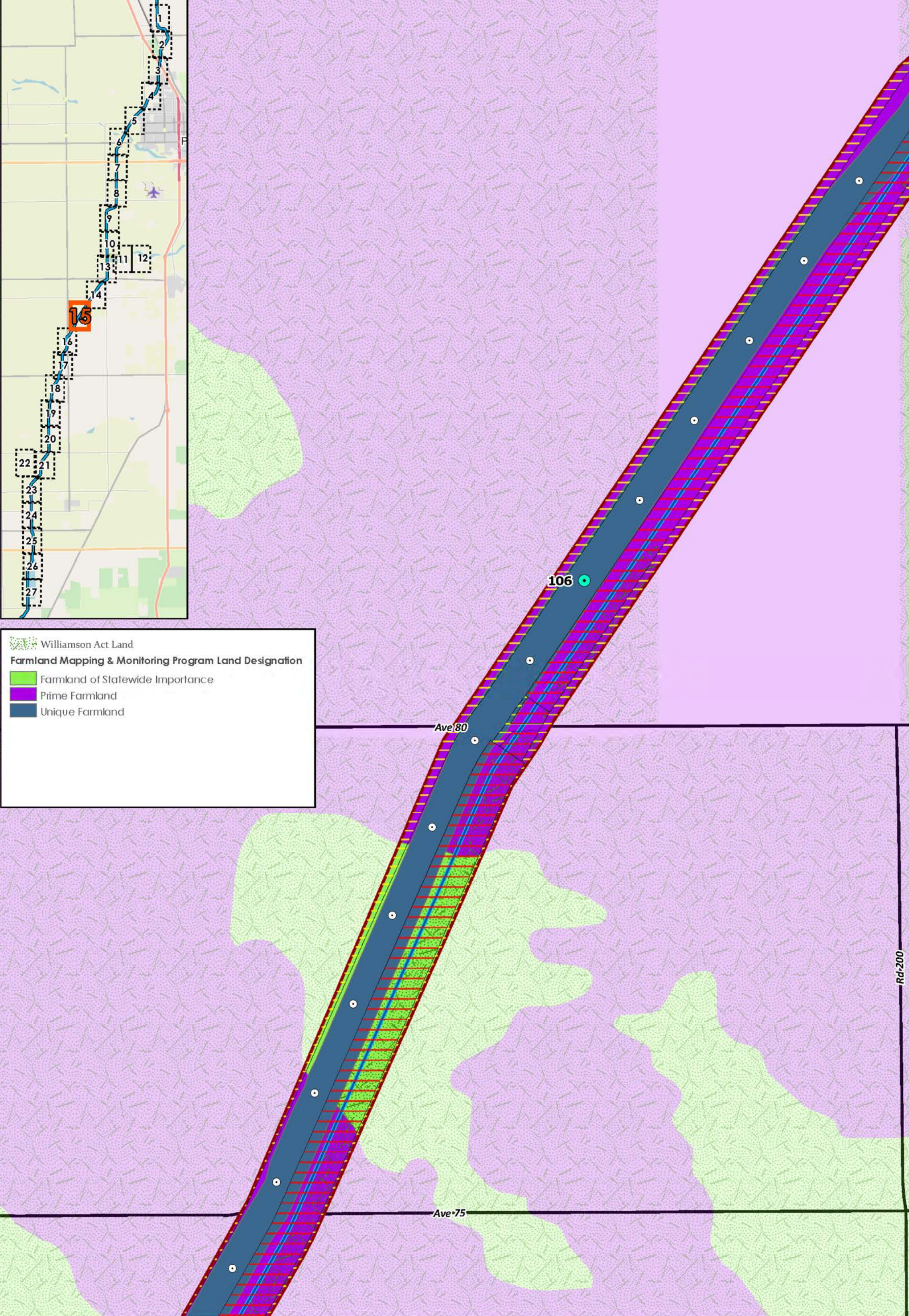
Williamson Act Land

Farmland Mapping & Monitoring Program Land Designation

Farmland of Statewide Importance

Prime Farmland

Unique Farmland



FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT
Canal Enlargement and Re-alignment Alternative

Project Area

Proposed Canal Re-alignment Centerline

Potential Impacts

No Impact

Permanent

Temporary

Mile Post

Tenth-of-Mile

Figure No.
G3: Sheet 15 of 27

Title
Impacts by FMMP

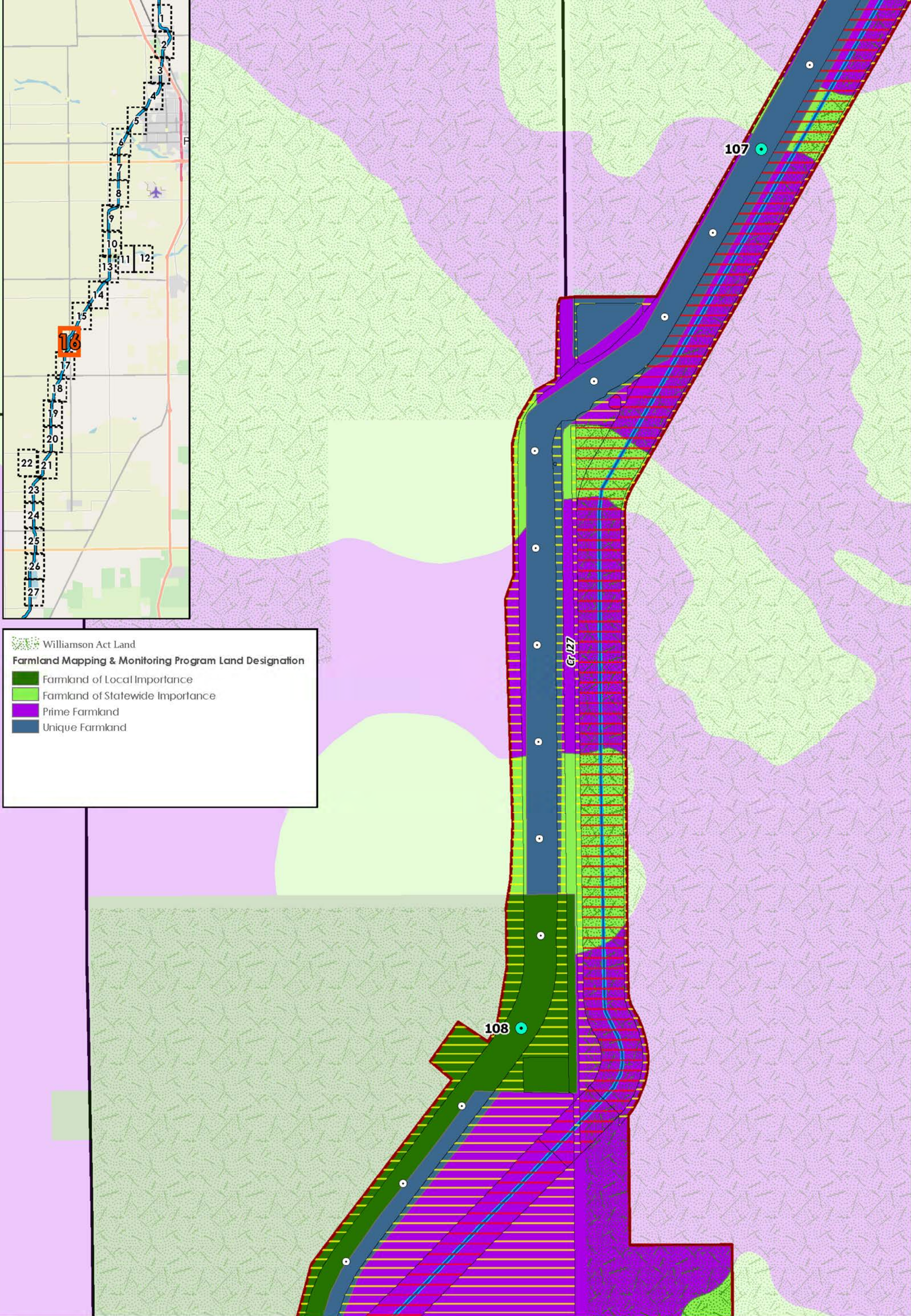
Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

184031016
Prepared by SCP
(2020-03-25)



Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

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FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT
Canal Enlargement and Re-alignment Alternative

- Potential Impacts**
- Project Area
 - Proposed Canal Re-alignment Centerline
 - No Impact
 - Permanent
 - Temporary
 - Mile Post
 - Tenth-of-Mile

Figure No.
G3: Sheet 16 of 27

Title
Impacts by FMMP

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

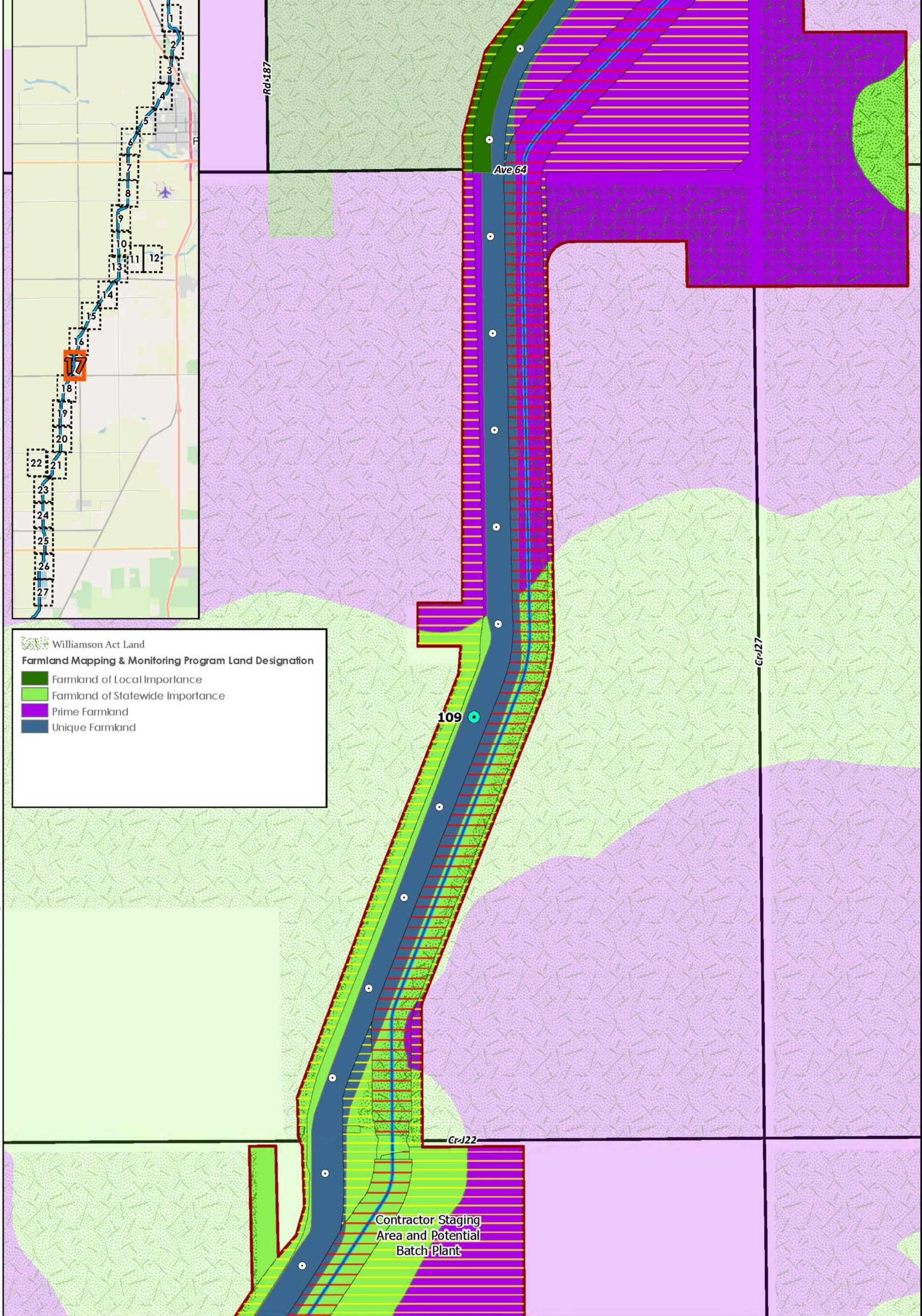
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Prepared by SCP
(2020-03-25)



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Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

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FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT
Canal Enlargement and Re-alignment Alternative

Figure No.
G3: Sheet 17 of 27

Title
Impacts by FMMP

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

184031016
Prepared by SCP
(2020-03-25)

Friant **Stantec**

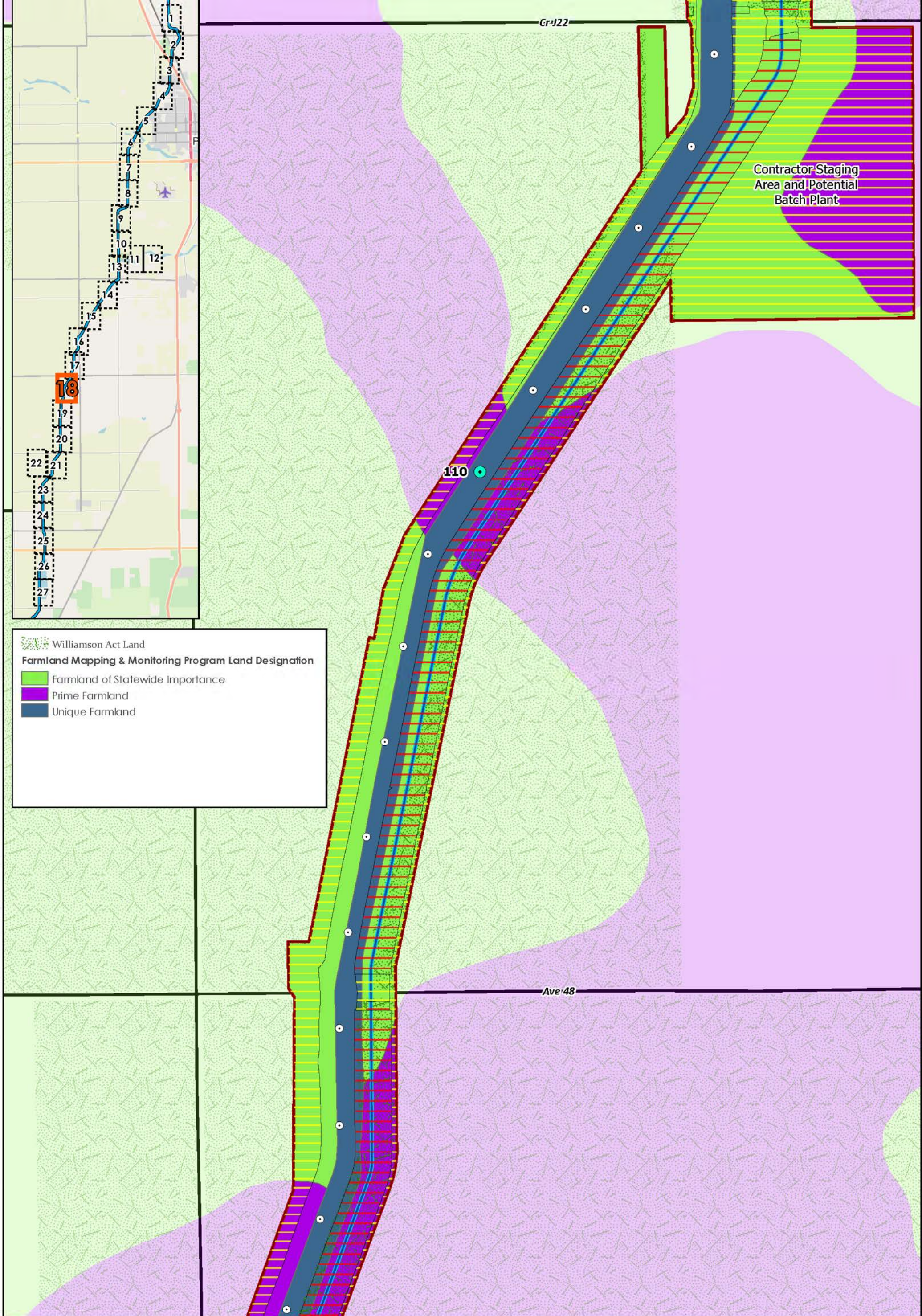
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Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project



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FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT Canal Enlargement and Re-alignment Alternative

- Potential Impacts**
- No Impact
 - Permanent
 - Temporary
- Proposed Canal Re-alignment Centerline**
- Mile Post
 - Tenth-of-Mile

Figure No.
G3: Sheet 18 of 27

Title
Impacts by FMMP

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

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Prepared by SCP
(2020-03-25)



Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

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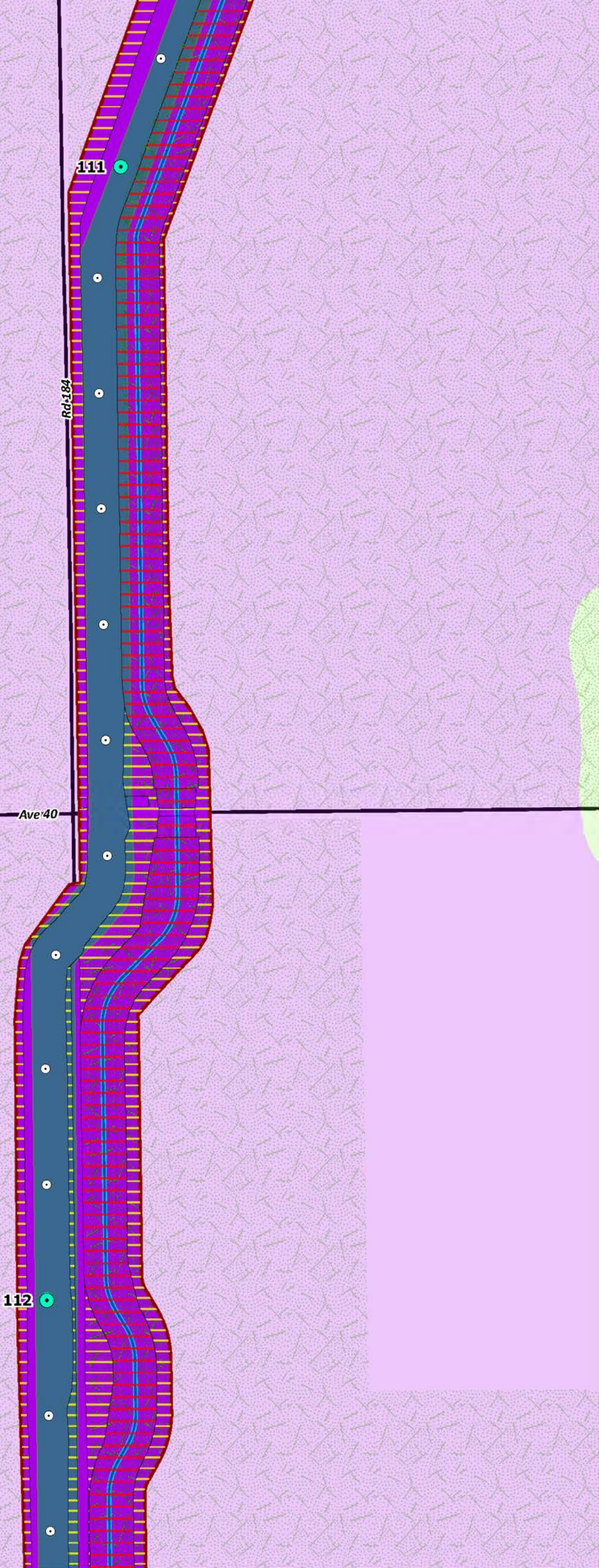


Williamson Act Land

Farmland Mapping & Monitoring Program Land Designation

Prime Farmland

Unique Farmland



FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT
Canal Enlargement and Re-alignment Alternative

Project Area

Proposed Canal Re-alignment Centerline

Potential Impacts

No Impact

Permanent

Temporary

Mile Post

Tenth-of-Mile

Figure No.
G3: Sheet 19 of 27

Title
Impacts by FMMP

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

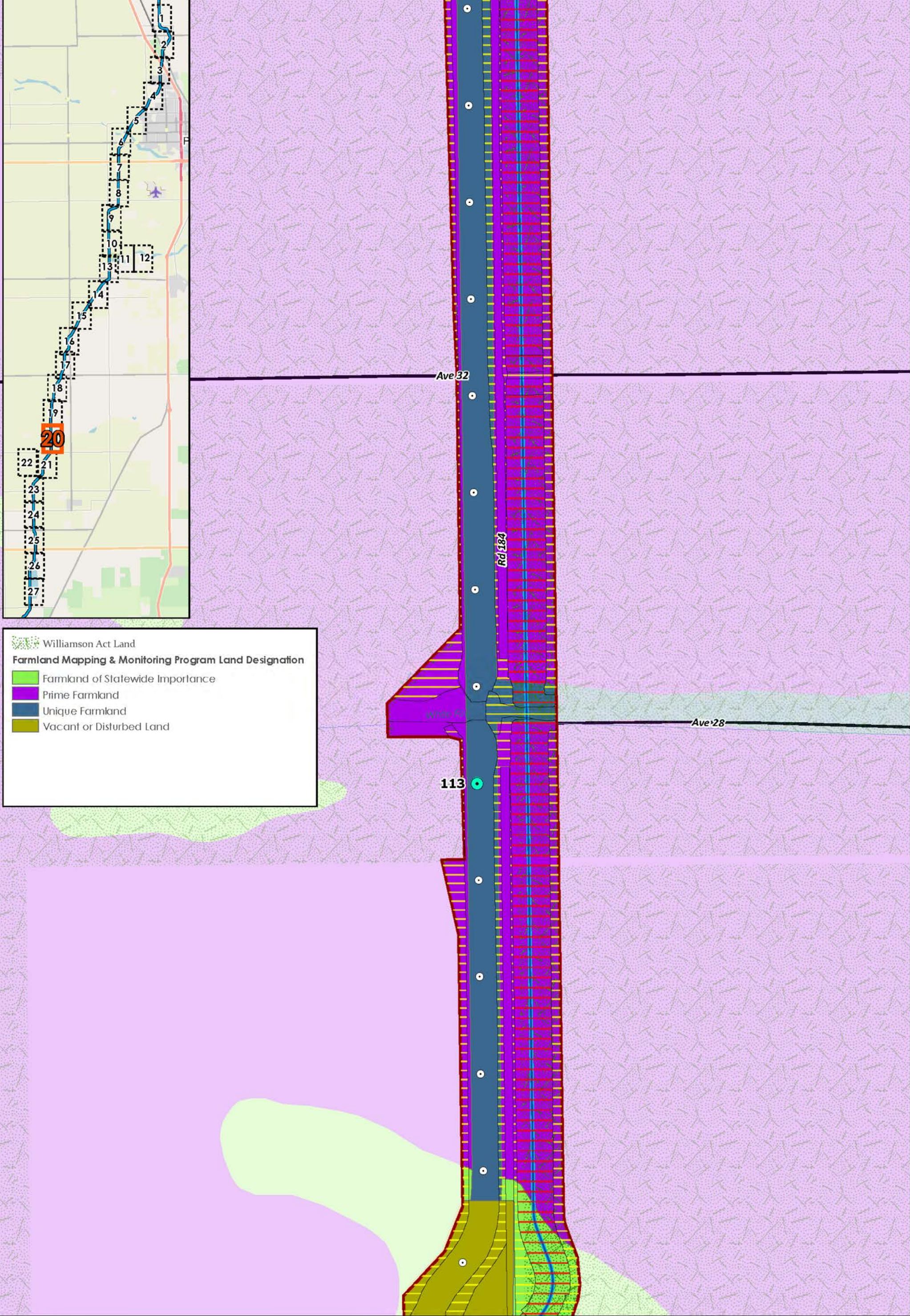
184031016
Prepared by SCP
(2020-03-25)



0 500 1,000 Feet
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Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

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FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT
Canal Enlargement and Re-alignment Alternative

- Potential Impacts**
- No Impact
 - Permanent
 - Temporary
- Proposed Canal Re-alignment Centerline**
- Mile Post
 - Tenth-of-Mile

Figure No.
G3: Sheet 20 of 27

Title
Impacts by FMMP

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

184031016
Prepared by SCP
(2020-03-25)

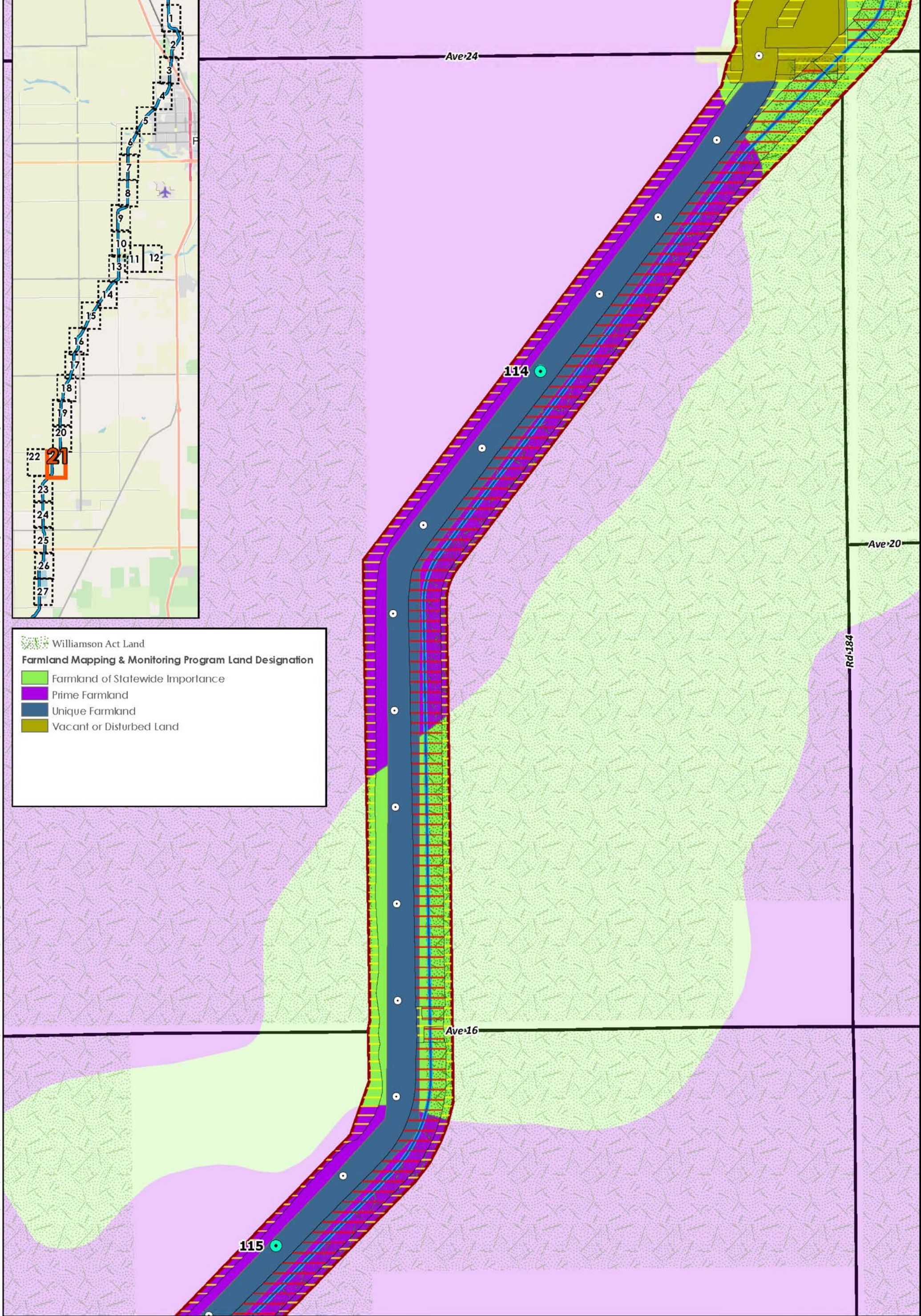
Friant **Stantec**

0 500 1,000 Feet

1:6,000 (At original document size of 11x17)

Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

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FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT
Canal Enlargement and Re-alignment Alternative

- Project Area**
- Potential Impacts**
- No Impact
 - Permanent
 - Temporary
- Proposed Canal Re-alignment Centerline**
- Mile Post**
- Tenth-of-Mile**

Figure No.
G3: Sheet 21 of 27

Title
Impacts by FMMP

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

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Prepared by SCP
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Friant **Stantec**

0 500 1,000 Feet

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Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

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 Williamson Act Land

Farmland Mapping & Monitoring Program Land Designation

 Prime Farmland

Rd-172

Ave-24

Potential
Borrow Area

Rd-176

Ave-16

FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT
Canal Enlargement and Re-alignment Alternative

 Project Area

 Proposed Canal Re-alignment Centerline

Potential Impacts

 No Impact

 Permanent

 Temporary

 Mile Post

 Tenth-of-Mile

Figure No.
G3: Sheet 22 of 27

Title
Impacts by FMMP

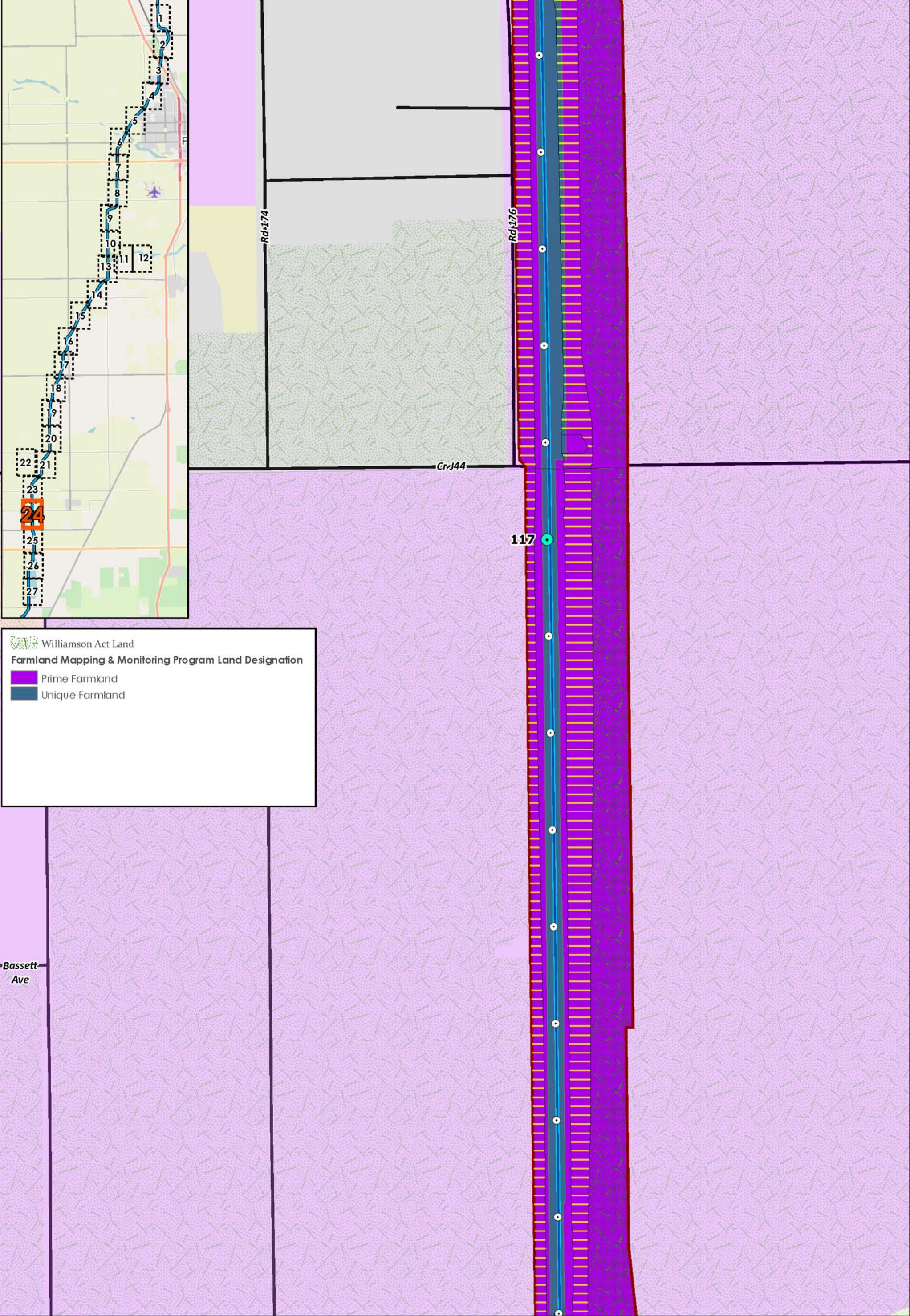
Project Location 184031016
Tulare and Kern Counties, CA Prepared by SCP
7.5' USGS Quadrangles (2020-03-25)
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)



0 500 1,000 Feet
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Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

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FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT
Canal Enlargement and Re-alignment Alternative

- Potential Impacts**
- No Impact
 - Permanent
 - Temporary
- Proposed Canal Re-alignment Centerline**
- Mile Post
 - Tenth-of-Mile

Figure No.
G3: Sheet 24 of 27

Title
Impacts by FMMP

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

184031016
Prepared by SCP
(2020-03-25)

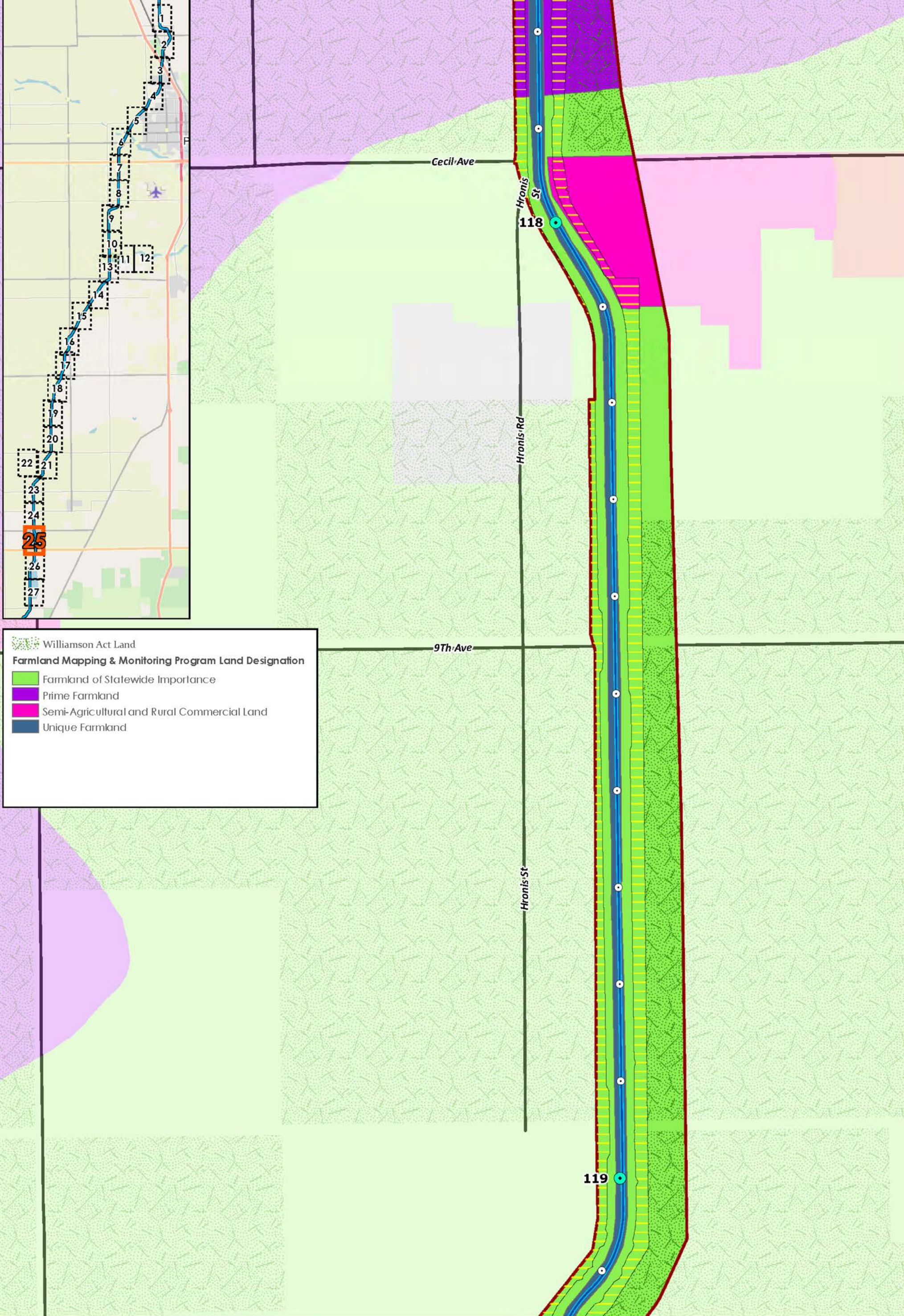
Friant **Stantec**

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Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

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Williamson Act Land

Farmland Mapping & Monitoring Program Land Designation

- Farmland of Statewide Importance
- Prime Farmland
- Semi-Agricultural and Rural Commercial Land
- Unique Farmland

FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT
Canal Enlargement and Re-alignment Alternative

Project Area Proposed Canal Re-alignment Centerline

Potential Impacts

- No Impact
- Permanent
- Temporary

Mile Post Tenth-of-Mile

Figure No.
G3: Sheet 25 of 27

Title
Impacts by FMMP

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

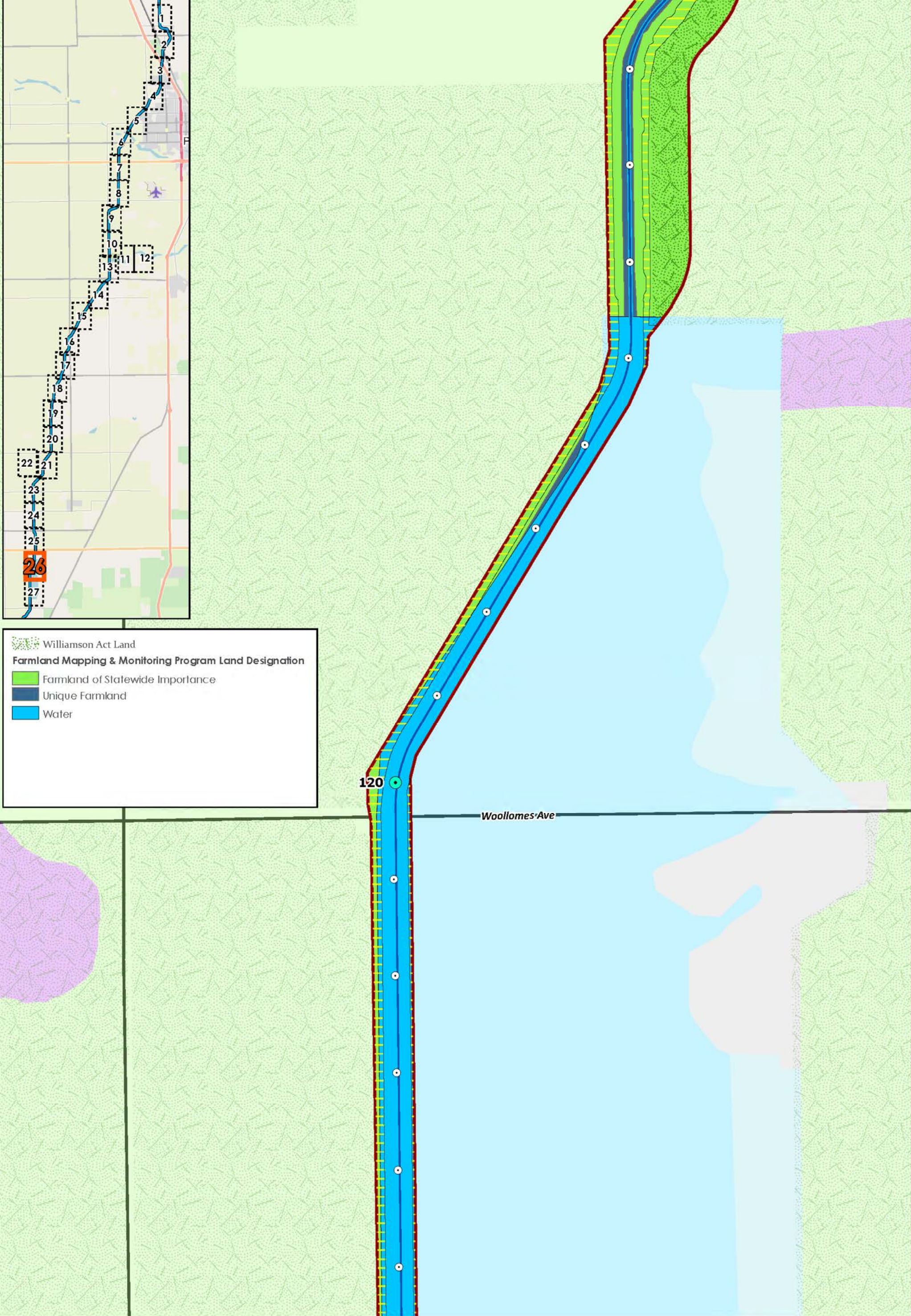
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Prepared by SCP
(2020-03-25)

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Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

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FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT
Canal Enlargement and Re-alignment Alternative

- Potential Impacts**
- Project Area
 - Proposed Canal Re-alignment Centerline
 - Mile Post
 - Tenth-of-Mile
 - No Impact
 - Permanent
 - Temporary

Figure No.
G3: Sheet 26 of 27

Title
Impacts by FMMP

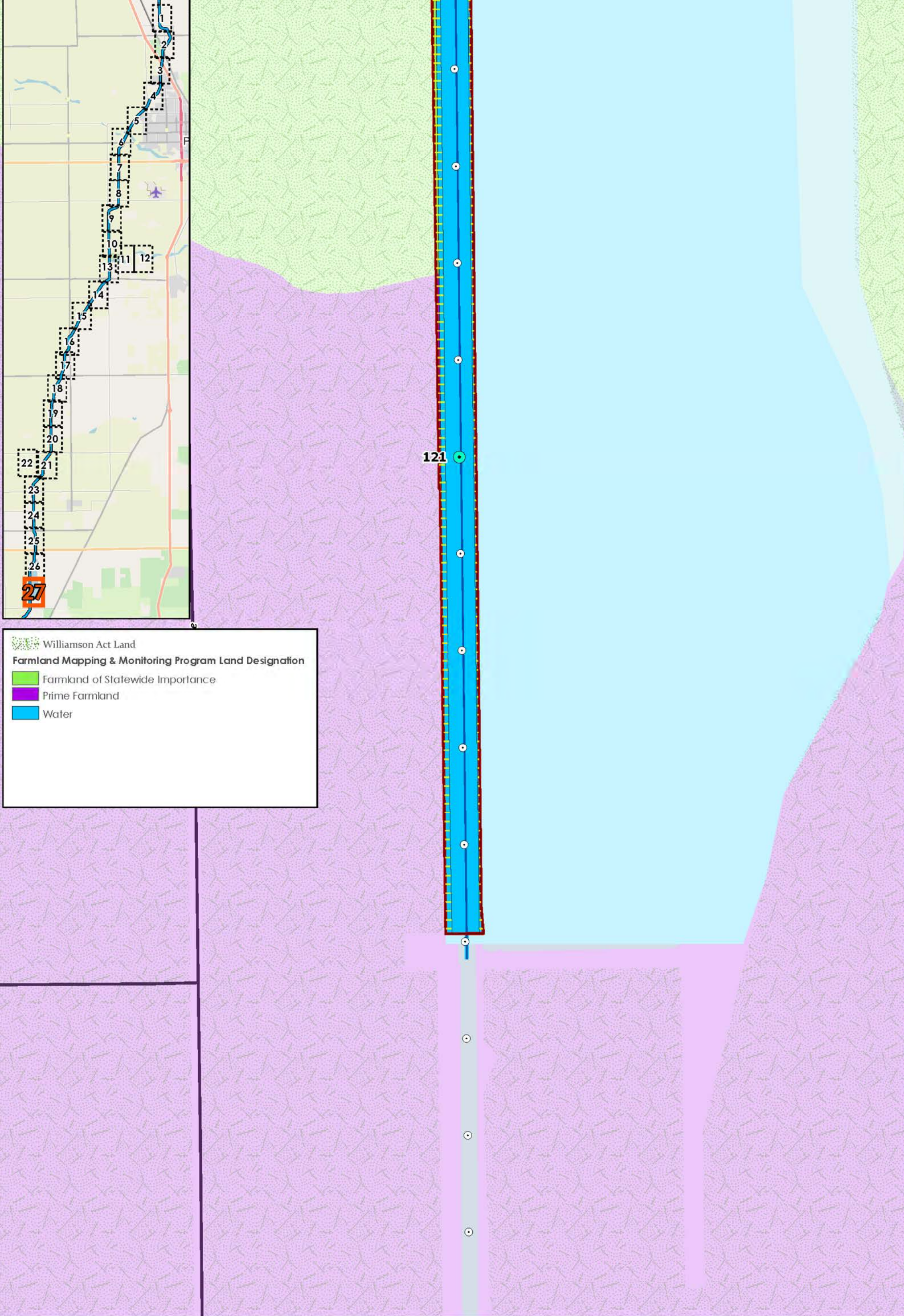
Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

184031016
Prepared by SCP
(2020-03-25)



Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

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FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT
Canal Enlargement and Re-alignment Alternative

- | | |
|--------------------------|--|
| Project Area | Proposed Canal Re-alignment Centerline |
| Potential Impacts | Mile Post |
| No Impact | Tenth-of-Mile |
| Permanent | |
| Temporary | |

Figure No.
G3: Sheet 27 of 27

Title
Impacts by FMMP

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

184031016
Prepared by SCP
(2020-03-25)



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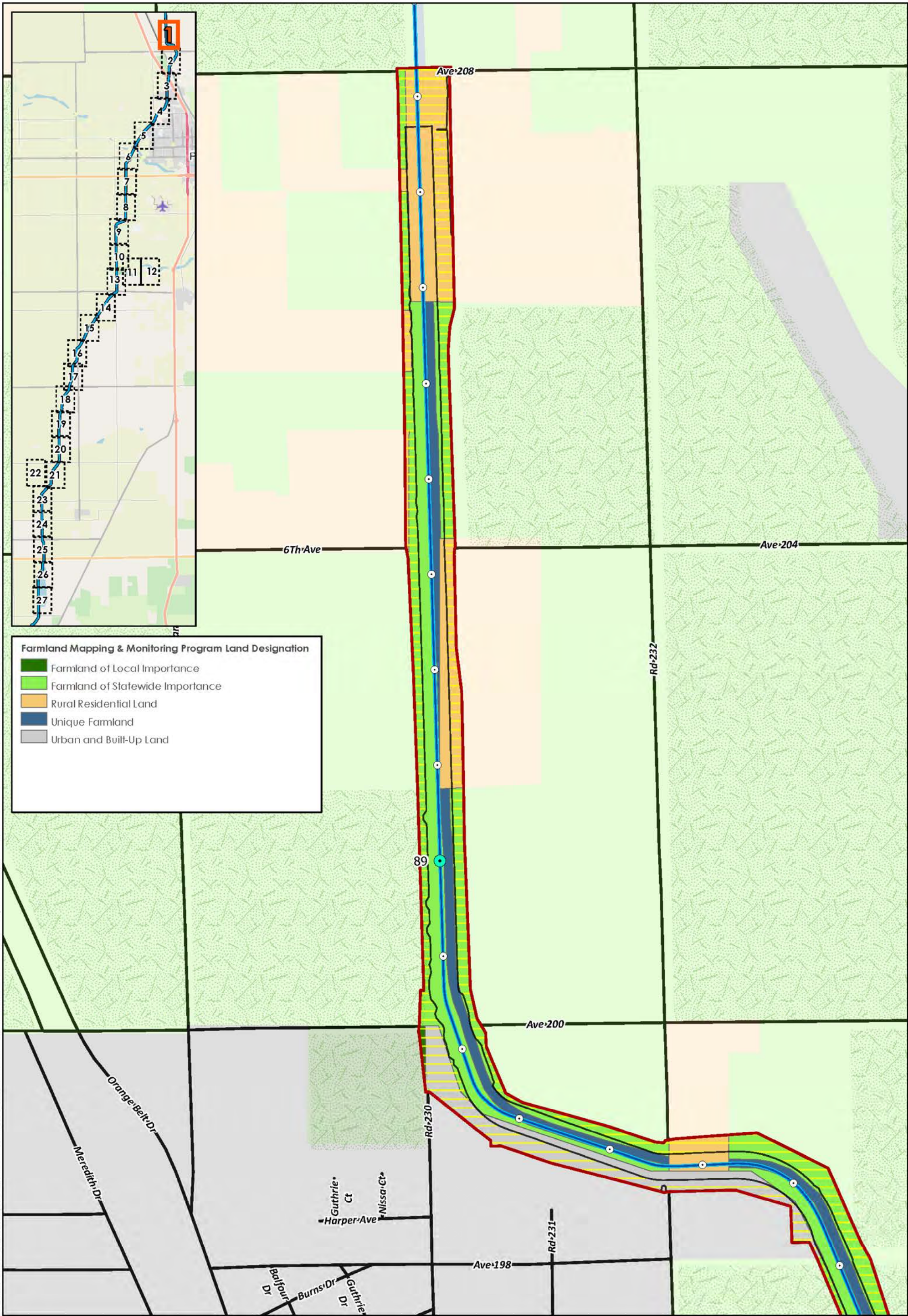
Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

		Area (acre)		
Layer	Subset	Tulare - Permanent	Kern - Permanent	Permanent Impacts
Project Area	N/A	384.69	84.08	468.77
Williamson Act	PRIME	151.47	0.00	151.47
FMMP	N/A	384.69	84.08	468.77
	Farmland of Local Importance	20.69	0.00	20.69
	Farmland of Statewide Importance	138.00	19.27	157.27
	Grazing Land	0.00	0.00	0.00
	Nonagricultural and Natural Vegetation	9.00	0.00	9.00
	Prime Farmland	133.52	7.72	141.24
	Rural Residential Land	0.00	0.00	0.00
	Semi-Agricultural and Rural Commercial Land	0.70	0.28	0.98
	Unique Farmland	75.46	21.34	96.80
	Urban and Built-Up Land	4.54	0.00	4.54
	Vacant or Disturbed Land	2.78	0.00	2.78
	Water	0.00	35.47	35.47

		Area (acre)		
Layer	Subset	Tulare - Temporary	Kern - Temporary	Temporary Impacts
Project Area	N/A	824.34	53.45	877.79
Williamson Act	PRIME	293.69	0.59	294.28
FMMP	N/A	824.34	53.45	877.79
	Farmland of Local Importance	304.79	0.00	304.79
	Farmland of Statewide Importance	294.68	22.70	317.38
	Grazing Land	0.84	0.00	0.84
	Nonagricultural and Natural Vegetation	6.73	0.00	6.73
	Prime Farmland	145.42	21.02	166.44
	Rural Residential Land	23.02	0.00	23.02
	Semi-Agricultural and Rural Commercial Land	3.51	1.32	4.83
	Unique Farmland	17.22	0.00	17.22
	Urban and Built-Up Land	17.60	0.00	17.60
	Vacant or Disturbed Land	10.53	0.00	10.53
	Water	0.00	8.41	8.41

		Area (acre)		
Layer	Subset	Total Area	Tulare	Kern
Project Area	N/A	2,317.15	2,179.62	137.53
Williamson Act	PRIME	788.42	787.83	0.59
FMMP	N/A	2,317.15	2,179.62	137.53
	Farmland of Local Importance	355.61	355.61	0.00
	Farmland of Statewide Importance	544.59	502.62	41.97
	Grazing Land	9.03	9.03	0.00
	Nonagricultural and Natural Vegetation	32.89	32.89	0.00
	Prime Farmland	686.58	657.84	28.74
	Rural Residential Land	62.88	62.88	0.00
	Semi-Agricultural and Rural Commercial Land	13.95	12.35	1.60
	Unique Farmland	477.21	455.87	21.34
	Urban and Built-Up Land	47.08	47.08	0.00
	Vacant or Disturbed Land	43.45	43.45	0.00
	Water	43.88	0.00	43.88

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Project Area

Potential Impacts

No Impact

Permanent

Temporary

Proposed Canal Enlargement Centerline

Mile Post

Tenth-of-Mile

FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT

Canal Enlargement Alternative

Figure No.

G4: Sheet 1 of 27

Title

Impacts by FMMP

Project Location

Tulare and Kern Counties, CA

7.5' USGS Quadrangles

Porterville, California (1971)

Sausalito School, California (1971)

Ducor, California (1972)

184031016

Prepared by SCP

(2020-03-25)

Friant

WATER AUTHORITY

Stantec

North Arrow

0

500

1,000

Feet

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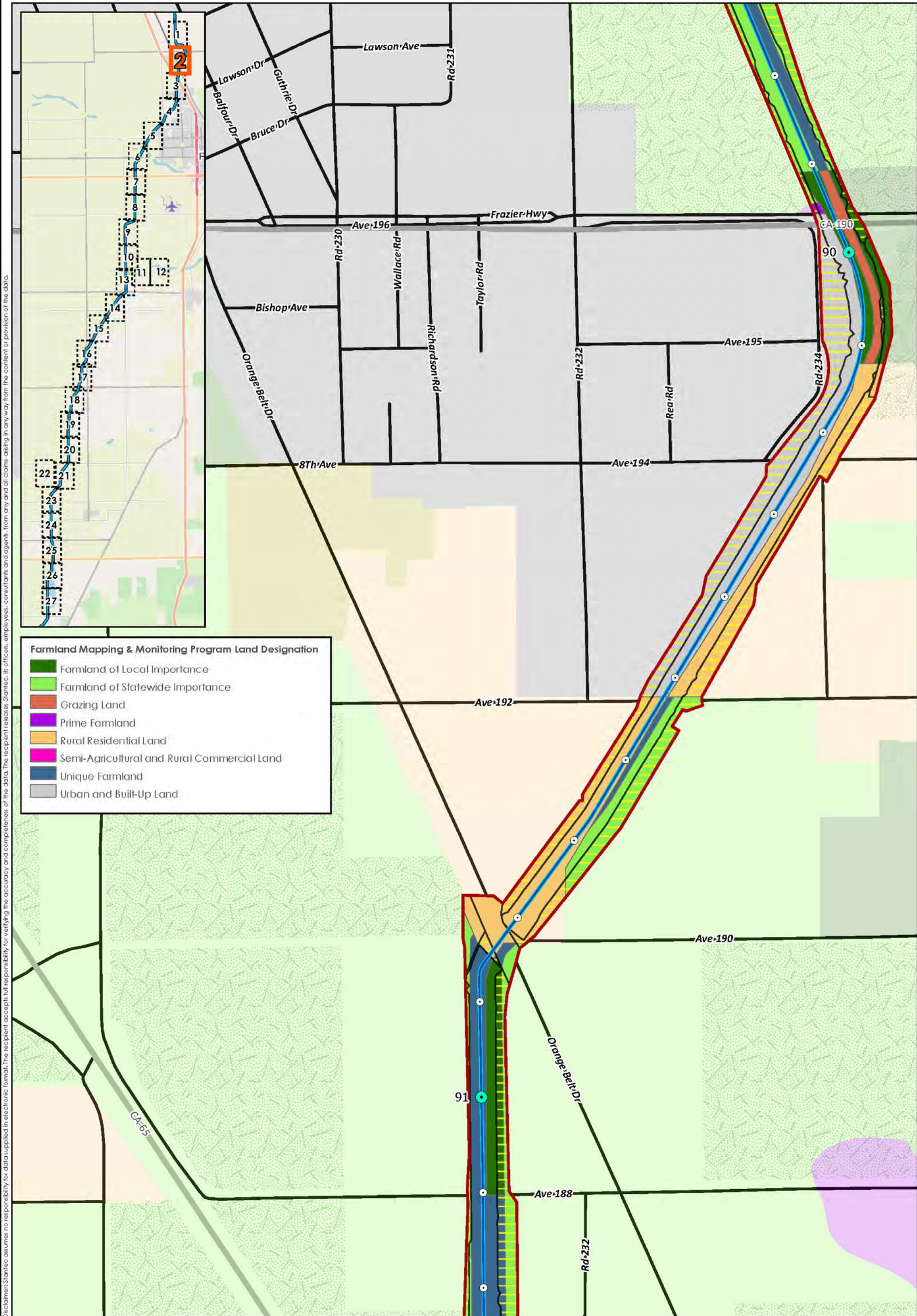
Client/Project

Friant Water Authority

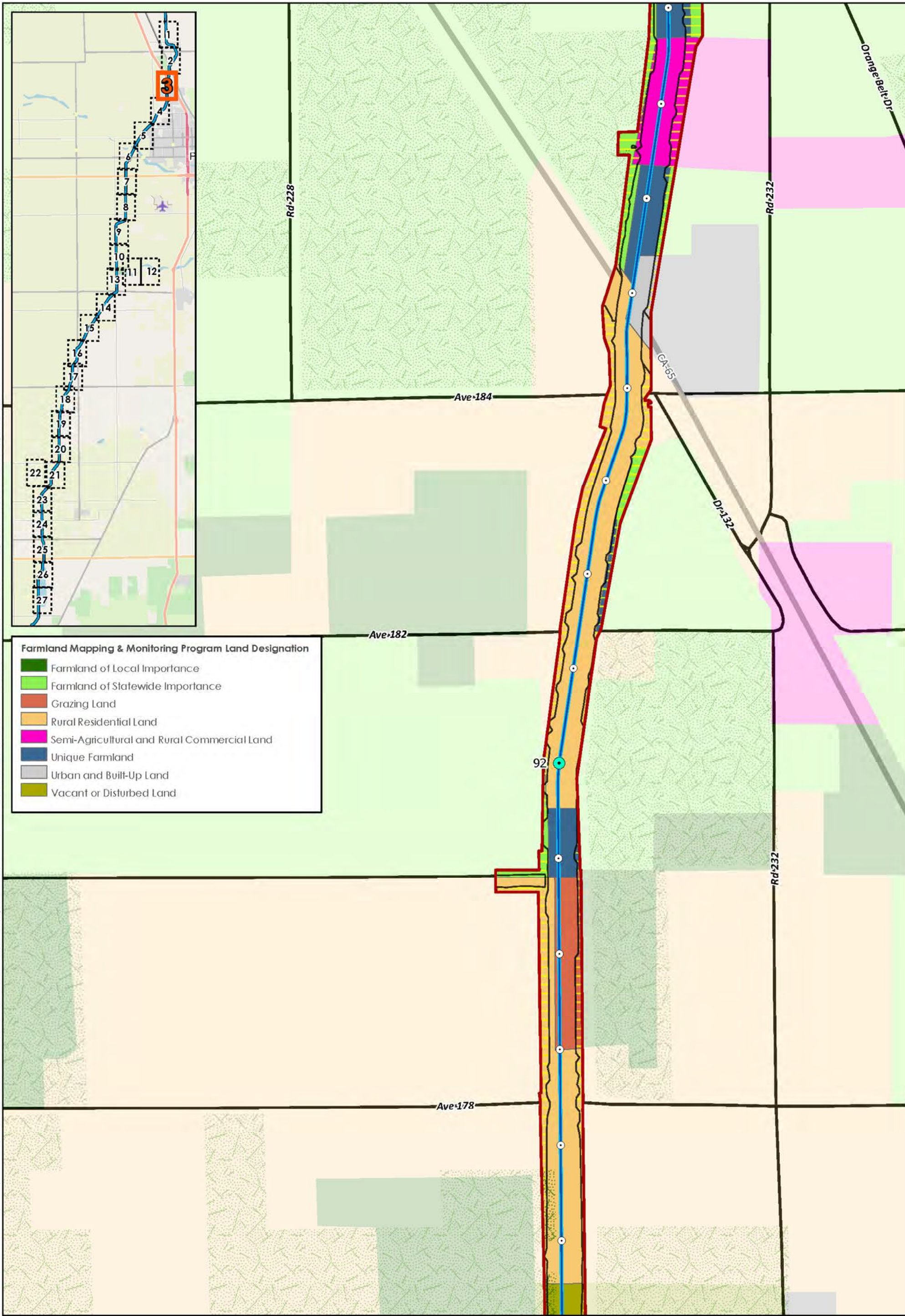
Friant-Kern Canal Middle Reach Capacity Correction Project

Service Layer Credits: OpenStreetMap: Map data © OpenStreetMap contributors, Map layer by Esri; NAIP 2016

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Farmland Mapping & Monitoring Program Land Designation

- Farmland of Local Importance
- Farmland of Statewide Importance
- Grazing Land
- Rural Residential Land
- Semi-Agricultural and Rural Commercial Land
- Unique Farmland
- Urban and Built-Up Land
- Vacant or Disturbed Land

FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT

Canal Enlargement Alternative

Potential Impacts

- No Impact
- Permanent
- Temporary

Project Area

Proposed Canal Enlargement Centerline

Mile Post

Tenth-of-Mile

Figure No.

G4: Sheet 3 of 27

Title

Impacts by FMMP

Project Location

Tulare and Kern Counties, CA

7.5' USGS Quadrangles

Porterville, California (1971)

Sausalito School, California (1971)

Ducor, California (1972)

184031016

Prepared by SCP

(2020-03-25)

Client/Project

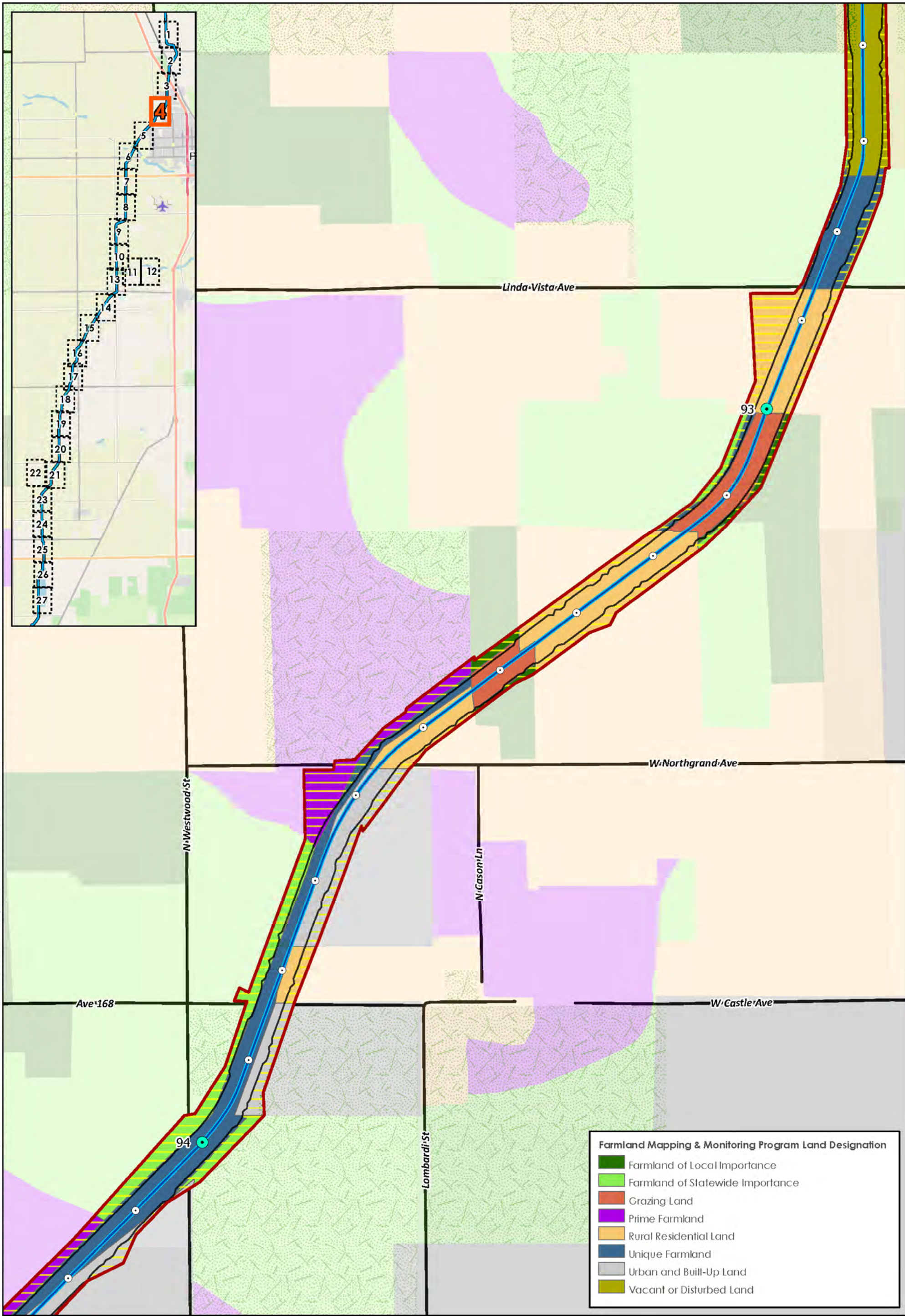
Friant Water Authority

Friant-Kern Canal Middle Reach Capacity Correction Project

Service Layer Credits: OpenStreetMap: Map data © OpenStreetMap contributors, Map layer by Esri, NAIP 2016

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Project Area

Potential Impacts

No Impact

Permanent

Temporary

Proposed Canal Enlargement Centerline

Mile Post

Tenth-of-Mile

FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT

Canal Enlargement Alternative

Figure No.

G4: Sheet 4 of 27

Title

Impacts by FMMP

Project Location

Tulare and Kern Counties, CA

7.5' USGS Quadrangles

Porterville, California (1971)

Sausdita School, California (1971)

Ducor, California (1972)

184031016

Prepared by: SCP

(2020-03-25)

Friant

Stantec

0

500

1,000

Feet

1:6,000 (At original document size of 11x17)

Client/Project

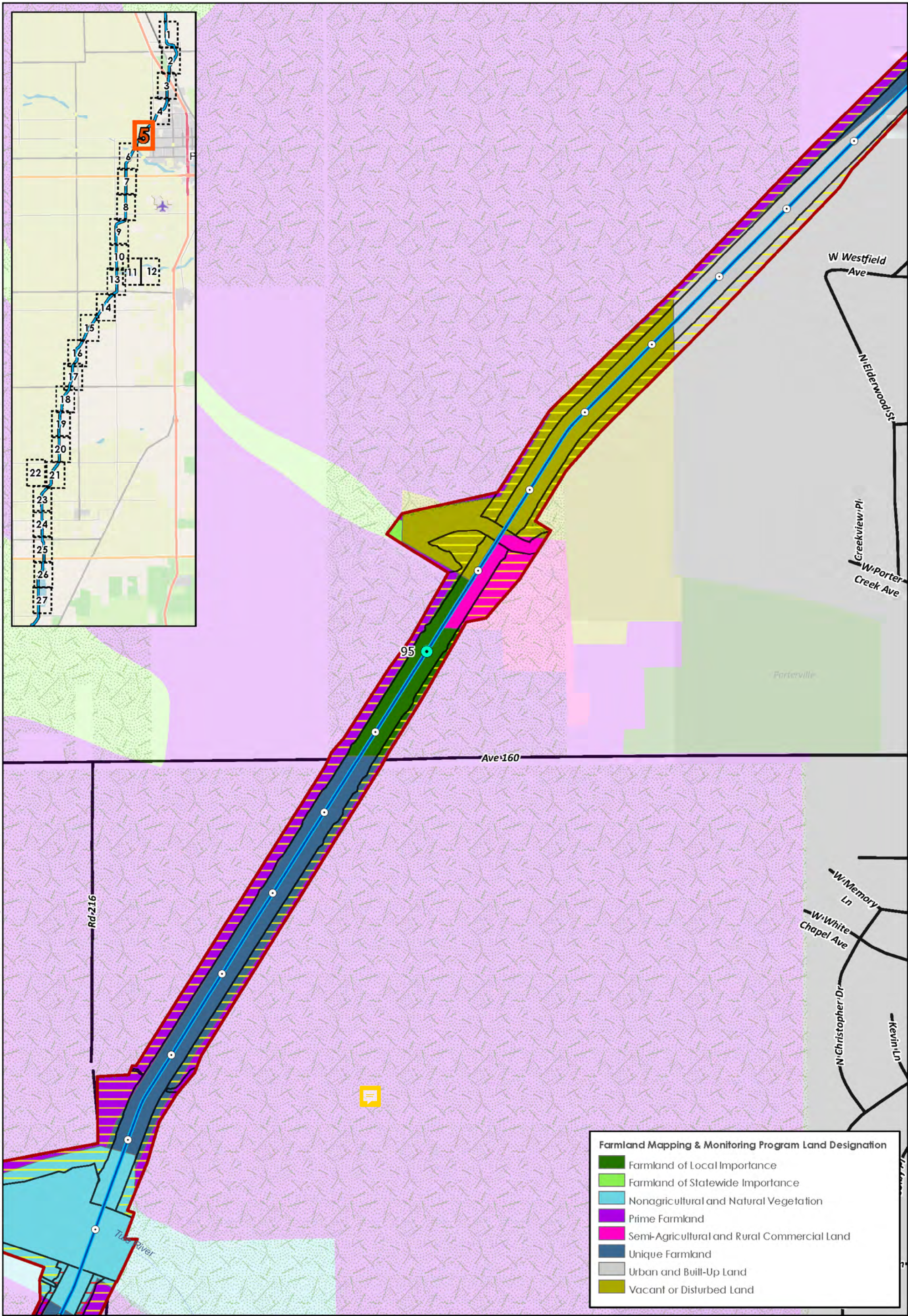
Friant Water Authority

Friant-Kern Canal Middle Reach Capacity Correction Project

Service Layer Credits: OpenStreetMap: Map data © OpenStreetMap contributors, Map layer by Esri, NAIP 2016

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FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT
Canal Enlargement Alternative

- Project Area**
- Project Area
- Potential Impacts**
- No Impact
 - Permanent
 - Temporary
- Proposed Canal Enlargement Centerline**
- Proposed Canal Enlargement Centerline
- Mile Post**
- Mile Post
 - Tenth-of-Mile

Figure No.
G4: Sheet 5 of 27

Impacts by FMMP

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

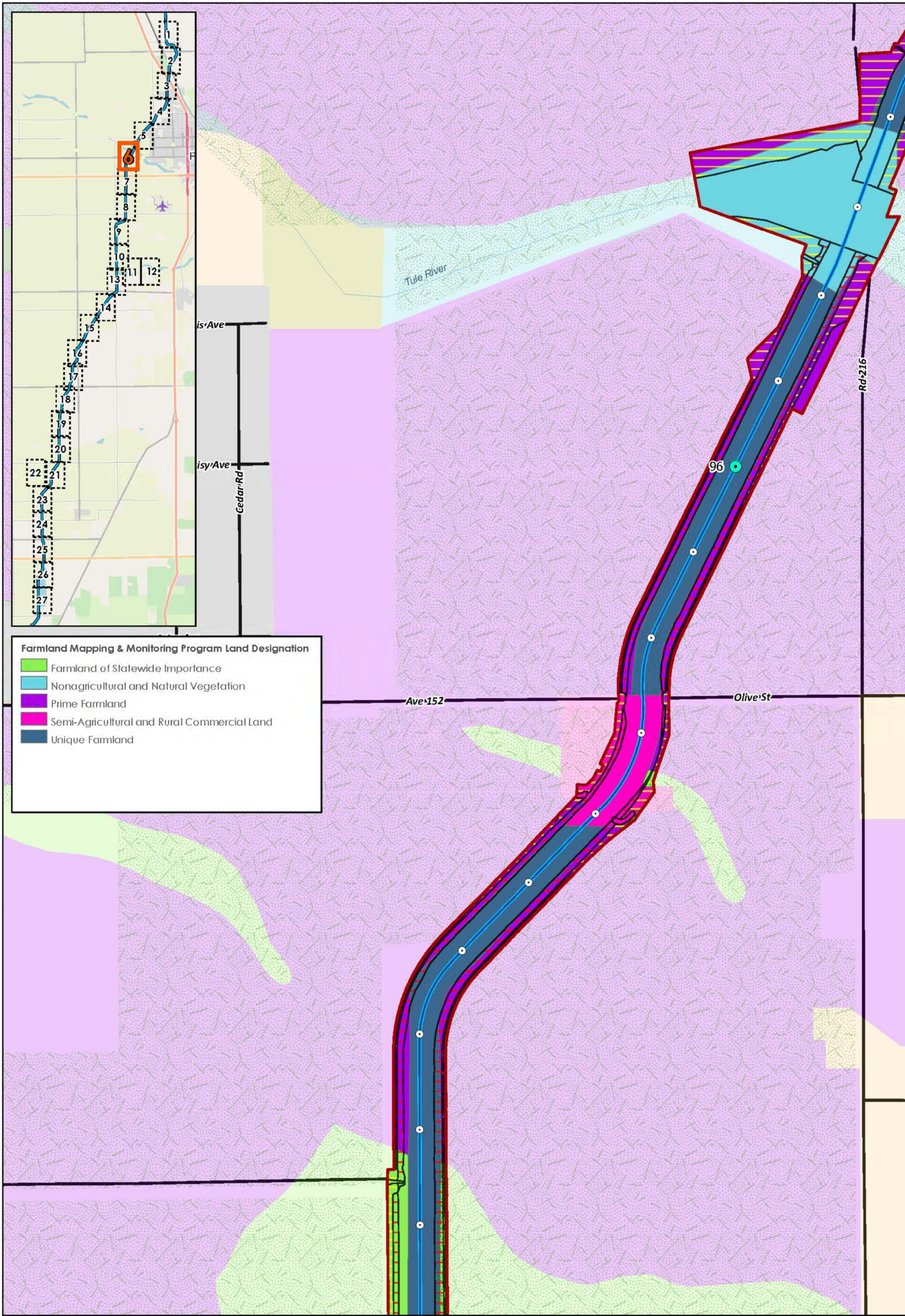
184031016
Prepared by: SCF
(2020-03-25)



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Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

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Farmland Mapping & Monitoring Program Land Designation

- Farmland of Statewide Importance
- Nonagricultural and Natural Vegetation
- Prime Farmland
- Semi-Agricultural and Rural Commercial Land
- Unique Farmland

FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT

Canal Enlargement Alternative

Potential Impacts

- No Impact
- Permanent
- Temporary

Proposed Canal Enlargement Centerline

- Mile Post
- Tenth-of-Mile

Figure No. **G4: Sheet 6 of 27**

Title **Impacts by FMMP**

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

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(2020-03-25)

Friant **Stantec**

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Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

Service Layer Credits: OpenStreetMap: Map data © OpenStreetMap contributors, Map layer by Esri; NAIP 2016

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Farmland Mapping & Monitoring Program Land Designation

Farmland of Statewide Importance

Prime Farmland

Unique Farmland



FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT

Canal Enlargement Alternative

Project Area

Potential Impacts

No Impact

Permanent

Temporary

Proposed Canal Enlargement Centerline

Mile Post

Tenth-of-Mile

Figure No.

G4: Sheet 7 of 27

Title

Impacts by FMMP

Project Location

Tulare and Kern Counties, CA

7.5' USGS Quadrangles

Porterville, California (1971)

Sausalito School, California (1971)

Ducor, California (1972)

184031016

Prepared by: SCF

(2020-03-25)

Friant

Stantec

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Client/Project

Friant Water Authority

Friant-Kern Canal Middle Reach Capacity Correction Project

Service Layer Credits: OpenStreetMap: Map data © OpenStreetMap contributors, Map layer by Esri, NAIP 2016

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Farmland Mapping & Monitoring Program Land Designation

Farmland of Local Importance

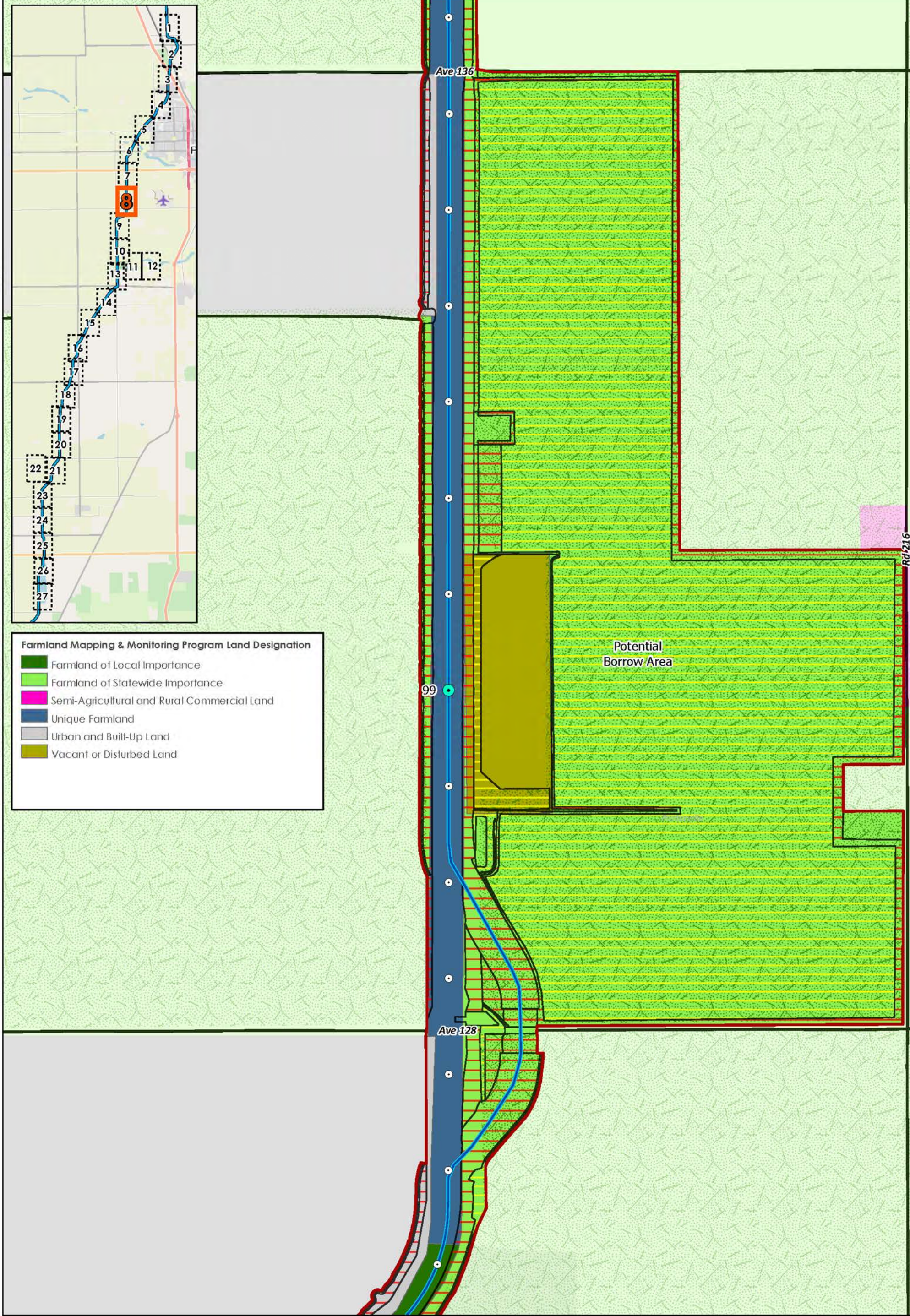
Farmland of Statewide Importance

Semi-Agricultural and Rural Commercial Land

Unique Farmland

Urban and Built-Up Land

Vacant or Disturbed Land



FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT

Canal Enlargement Alternative

Project Area

Potential Impacts

No Impact

Permanent

Temporary

Proposed Canal Enlargement Centerline

Mile Post

Tenth-of-Mile

Figure No.
G4: Sheet 8 of 27

Title
Impacts by FMMP

Project Location
Tulare and Kern Counties, CA

7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

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Prepared by: SCP

(2020-03-25)

Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

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Revised: 2020-03-25 By: sprice

Friant
water authority

Stantec

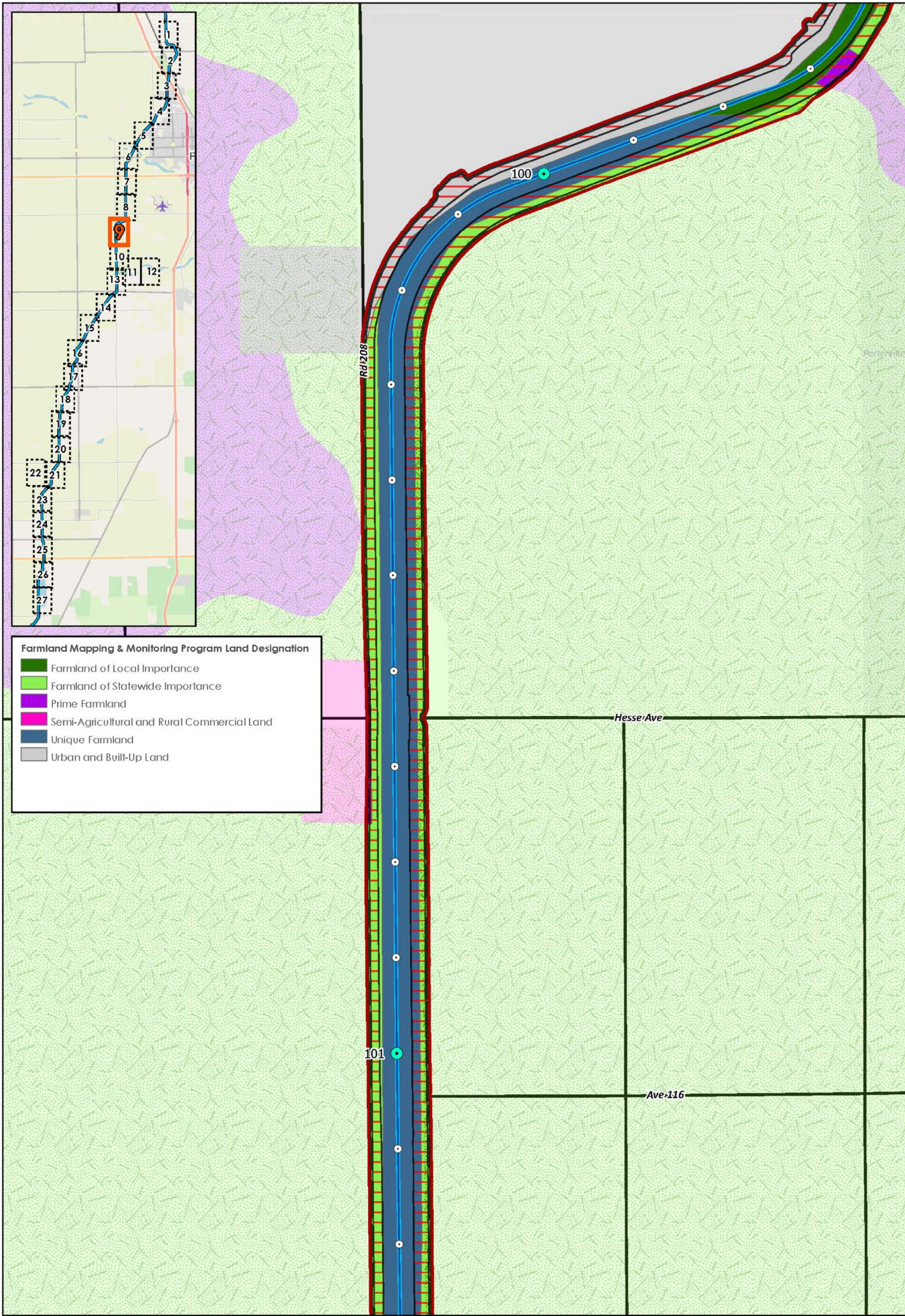
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Farmland Mapping & Monitoring Program Land Designation

- Farmland of Local Importance
- Farmland of Statewide Importance
- Prime Farmland
- Semi-Agricultural and Rural Commercial Land
- Unique Farmland
- Urban and Built-Up Land

FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT

Canal Enlargement Alternative

Potential Impacts

- No Impact
- Permanent
- Temporary

Proposed Canal Enlargement Centerline

- Mile Post
- Tenth-of-Mile

Figure No. **G4: Sheet 9 of 27**

Title **Impacts by FMMP**

Project Location
Tulare and Kern Counties, CA

7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

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Prepared by SCP
(2020-03-25)

Friant **Stantec**

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Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

Service Layer Credits: OpenStreetMap: Map data © OpenStreetMap contributors, Map layer by Esri, NAIP 2016

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Farmland Mapping & Monitoring Program Land Designation

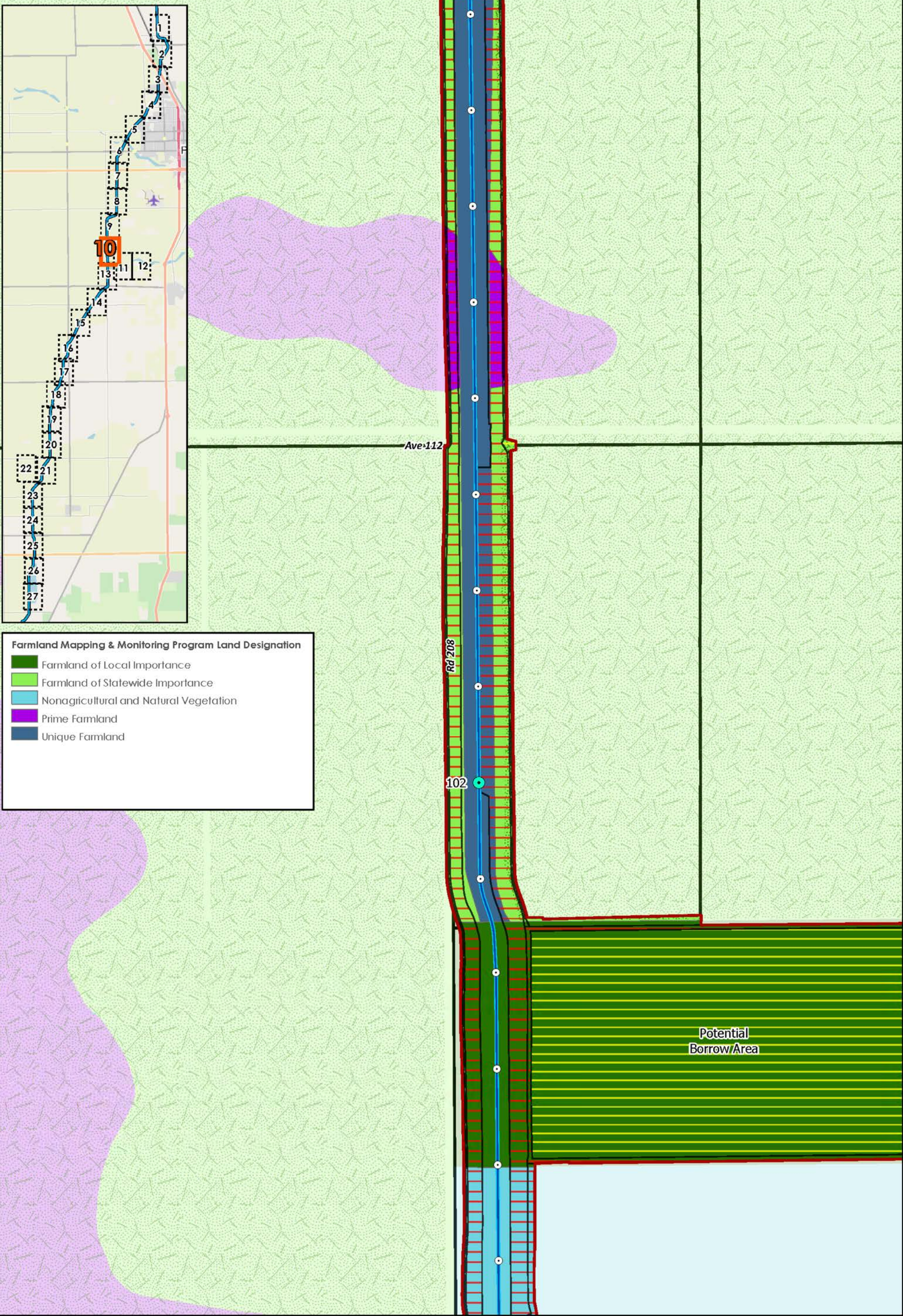
Farmland of Local Importance

Farmland of Statewide Importance

Nonagricultural and Natural Vegetation

Prime Farmland

Unique Farmland



Project Area

Potential Impacts

No Impact

Permanent

Temporary

Proposed Canal Enlargement Centerline

Mile Post

Tenth-of-Mile

FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT

Canal Enlargement Alternative

Figure No.

G4: Sheet 10 of 27

Title

Impacts by FMMP

Project Location

Tulare and Kern Counties, CA

7.5' USGS Quadrangles

Porterville, California (1971)

Sausalito School, California (1971)

Ducor, California (1972)

184031016

Prepared by SCP

(2020-03-25)

Client/Project

Friant Water Authority

Friant-Kern Canal Middle Reach Capacity Correction Project

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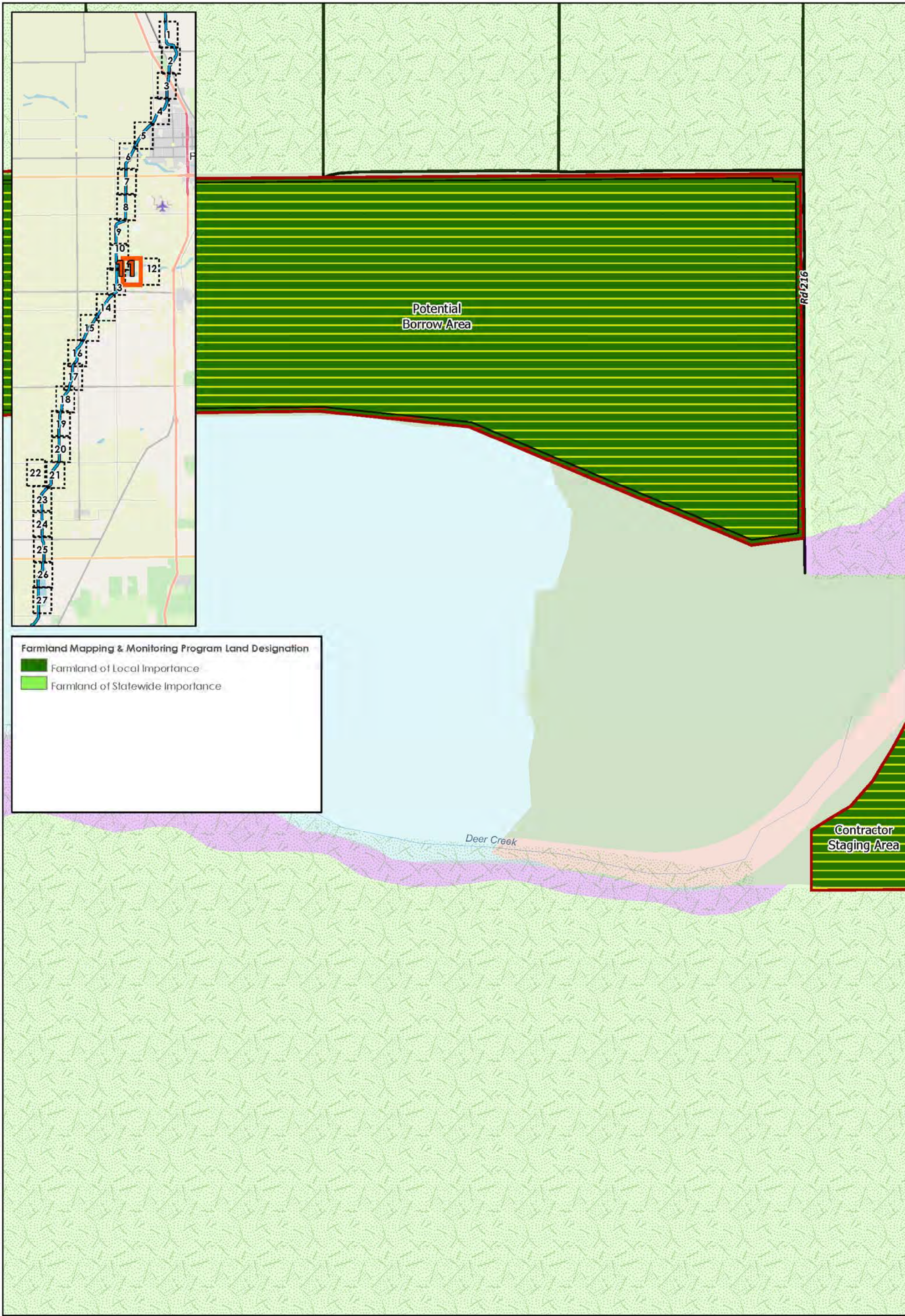
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FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT

Canal Enlargement Alternative

Project Area

Potential Impacts

No Impact

Permanent

Temporary

Proposed Canal Enlargement Centerline

Mile Post

Tenth-of-Mile

Figure No. **G4: Sheet 11 of 27**

Title **Impacts by FMMP**

Project Location
Tulare and Kern Counties, CA

7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

184031016
Prepared by: SCP
(2020-03-25)

Friant

WATER AUTHORITY

Stantec

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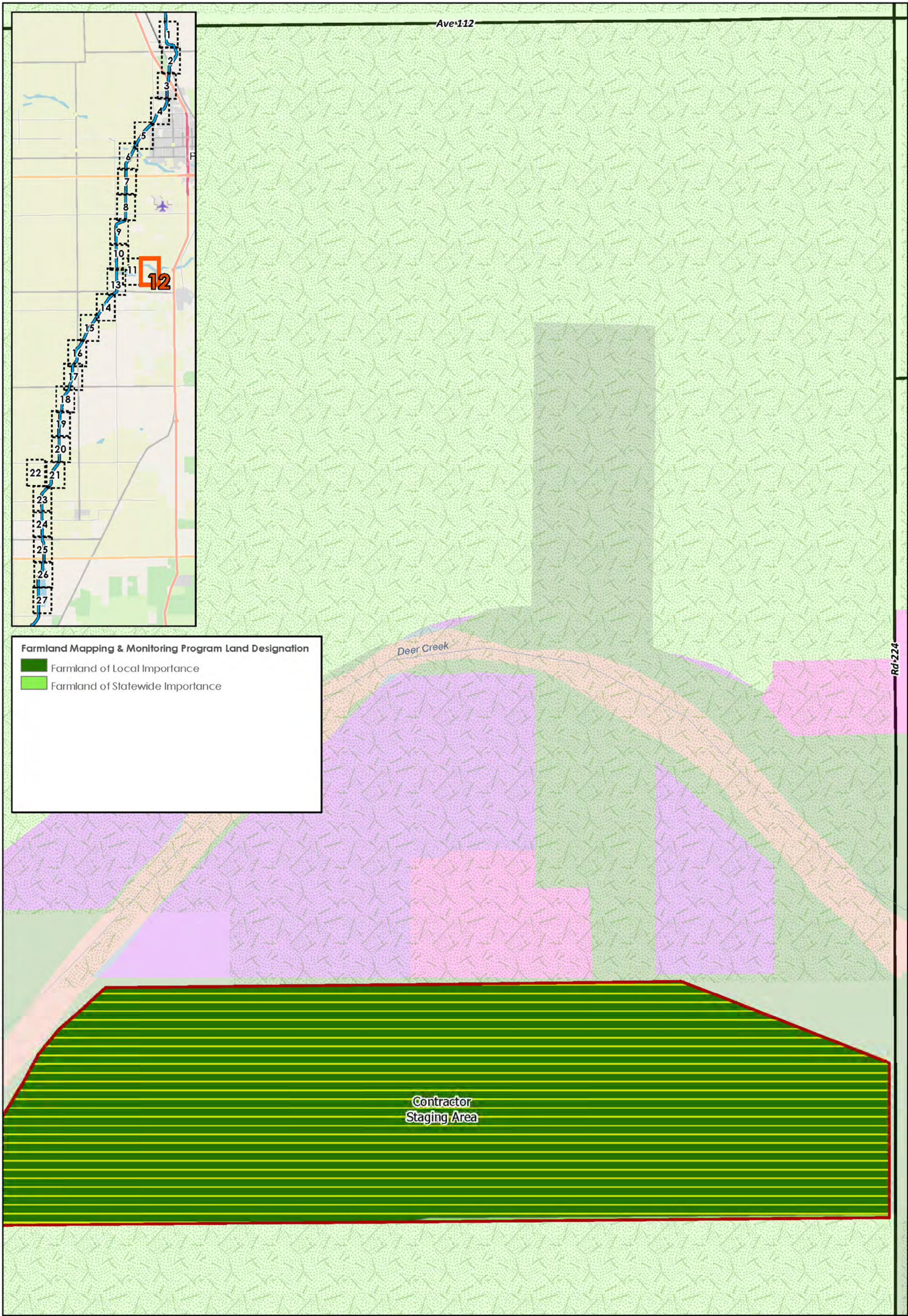
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Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

Service Layer Credits: OpenStreetMap: Map data © OpenStreetMap contributors, Map layer by Esri; NAIP 2016

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Farmland Mapping & Monitoring Program Land Designation

- Farmland of Local Importance
- Farmland of Statewide Importance

FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT

Canal Enlargement Alternative

Potential Impacts

- No Impact
- Permanent
- Temporary

Project Area

Proposed Canal Enlargement Centerline

Mile Post

Tenth-of-Mile

Figure No.

G4: Sheet 12 of 27

Title

Impacts by FMMP

Project Location

Tulare and Kern Counties, CA

7.5' USGS Quadrangles

Porterville, California (1971)

Sausalito School, California (1971)

Ducor, California (1972)

184031016

Prepared by: SCF

(2020-03-25)

Client/Project

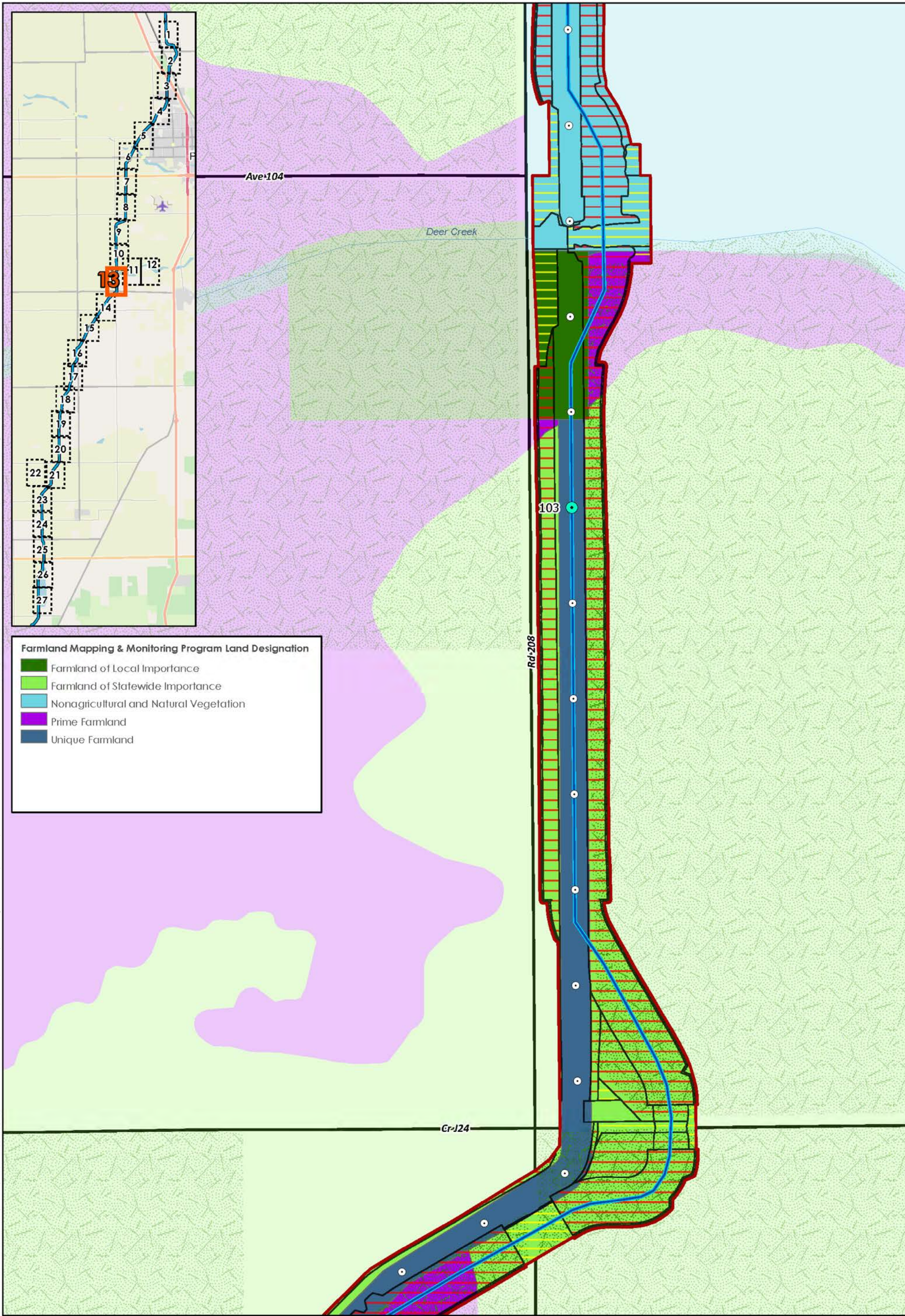
Friant Water Authority

Friant-Kern Canal Middle Reach Capacity Correction Project

Service Layer Credits: OpenStreetMap: Map data © OpenStreetMap contributors, Map layer by Esri, NAIP 2016

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FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT

Canal Enlargement Alternative

Project Area

Potential Impacts

- No Impact
- Permanent
- Temporary

Proposed Canal Enlargement Centerline

- Mile Post
- Tenth-of-Mile

Figure No.

G4: Sheet 13 of 27

Title

Impacts by FMMP

Project Location

Tulare and Kern Counties, CA

7.5' USGS Quadrangles

Porterville, California (1971)

Sausalito School, California (1971)

Ducor, California (1972)

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Prepared by: SCP

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Client/Project

Friant Water Authority

Friant-Kern Canal Middle Reach Capacity Correction Project

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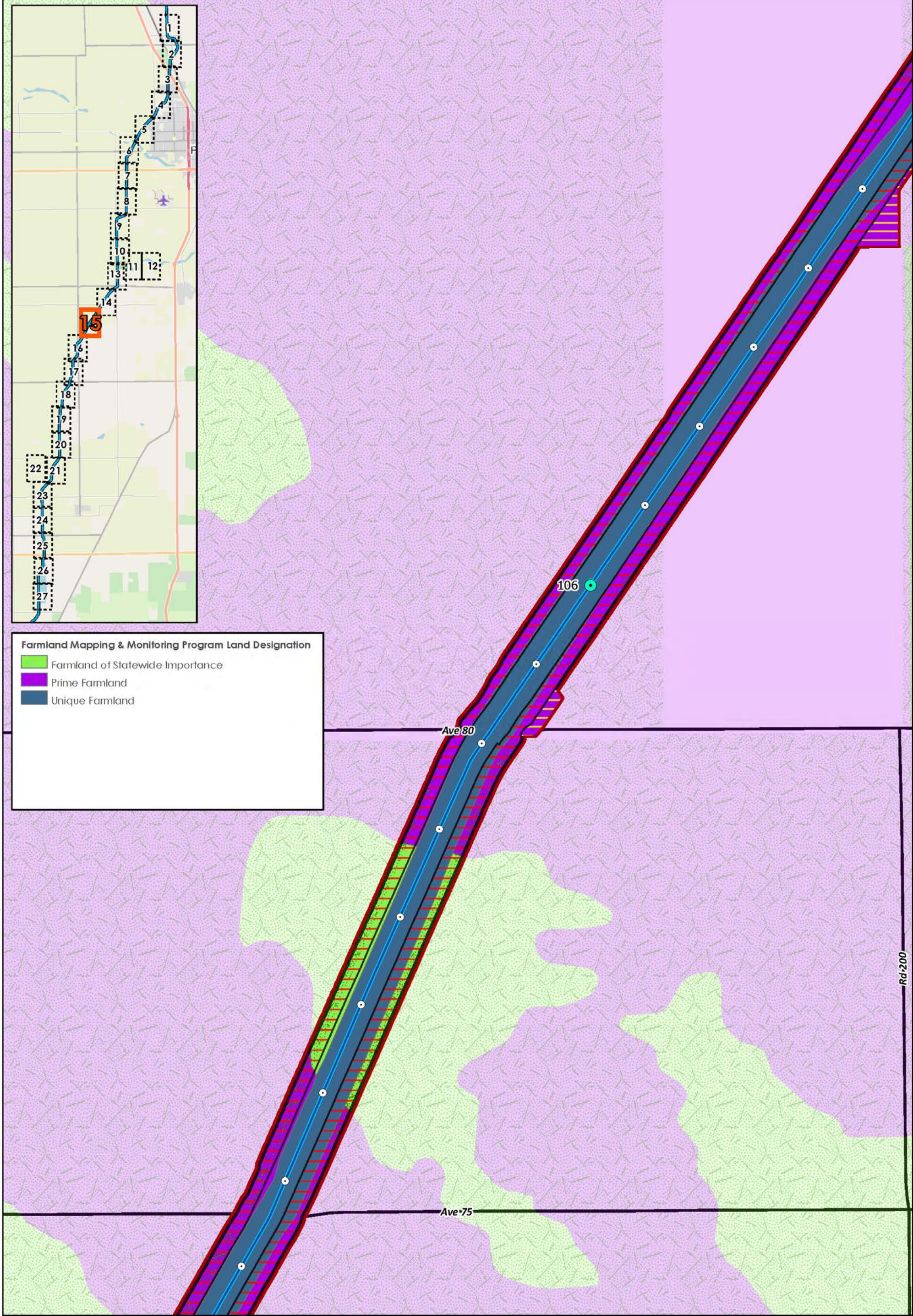


Farmland Mapping & Monitoring Program Land Designation

Farmland of Statewide Importance

Prime Farmland

Unique Farmland



FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT
Canal Enlargement Alternative

Project Area

Potential Impacts

No Impact

Permanent

Temporary

Proposed Canal Enlargement Centerline

Mile Post

Tenth-of-Mile

Figure No.
G4: Sheet 15 of 27

Title
Impacts by FMMP

Project Location

Tulare and Kern Counties, CA

7.5' USGS Quadrangles

Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

184031016

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(2020-03-25)

Friant

water authority

Stantec

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Feet

Client/Project

Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

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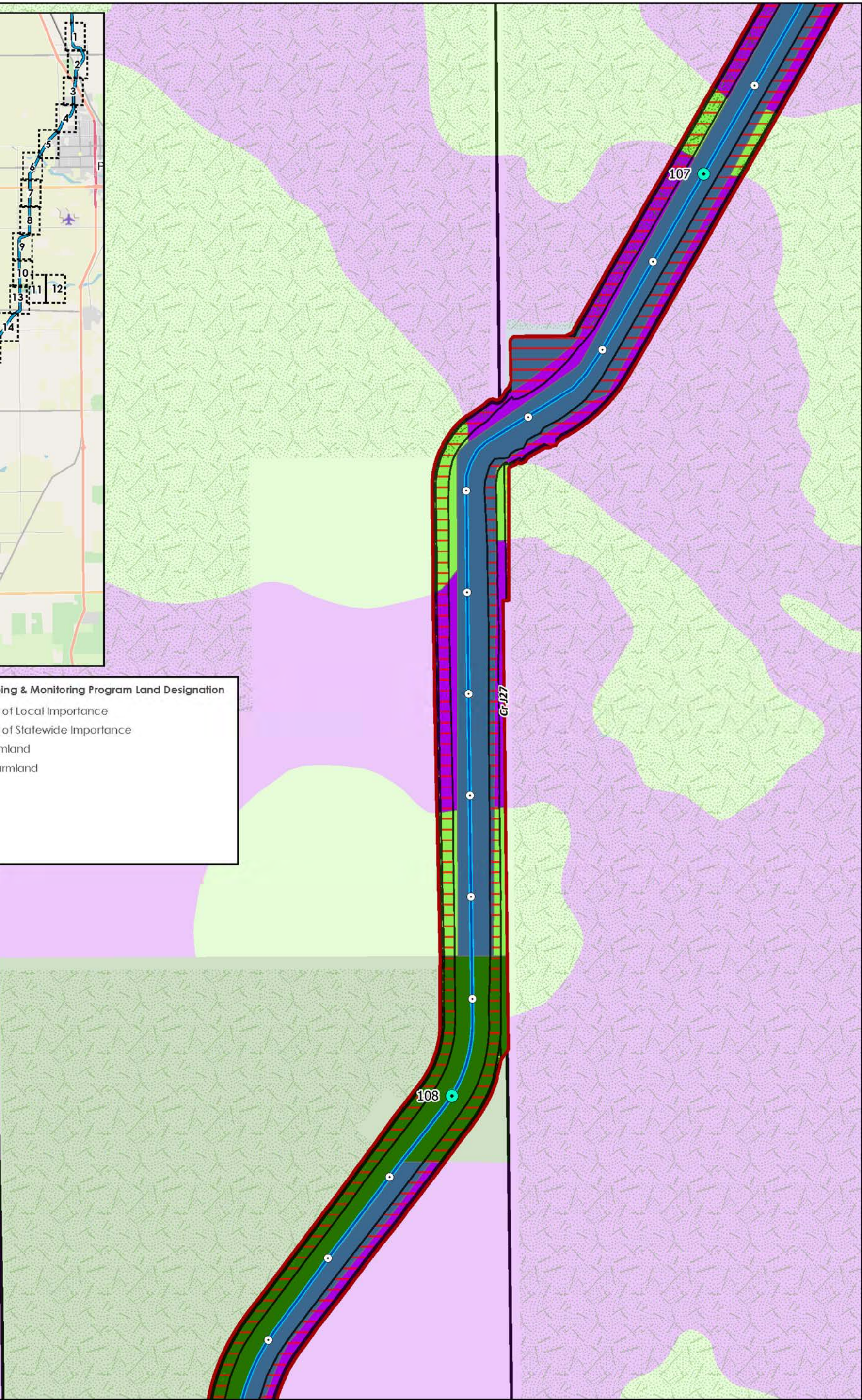
Farmland Mapping & Monitoring Program Land Designation

Farmland of Local Importance

Farmland of Statewide Importance

Prime Farmland

Unique Farmland



FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT

Canal Enlargement Alternative

Project Area

Potential Impacts

No Impact

Permanent

Temporary

Proposed Canal Enlargement Centerline

Mile Post

Tenth-of-Mile

Figure No.

G4: Sheet 16 of 27

Title

Impacts by FMMP

Project Location

Tulare and Kern Counties, CA

7.5' USGS Quadrangles

Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

184031016

Prepared by SCP

(2020-03-25)

Friant

water authority

Stantec

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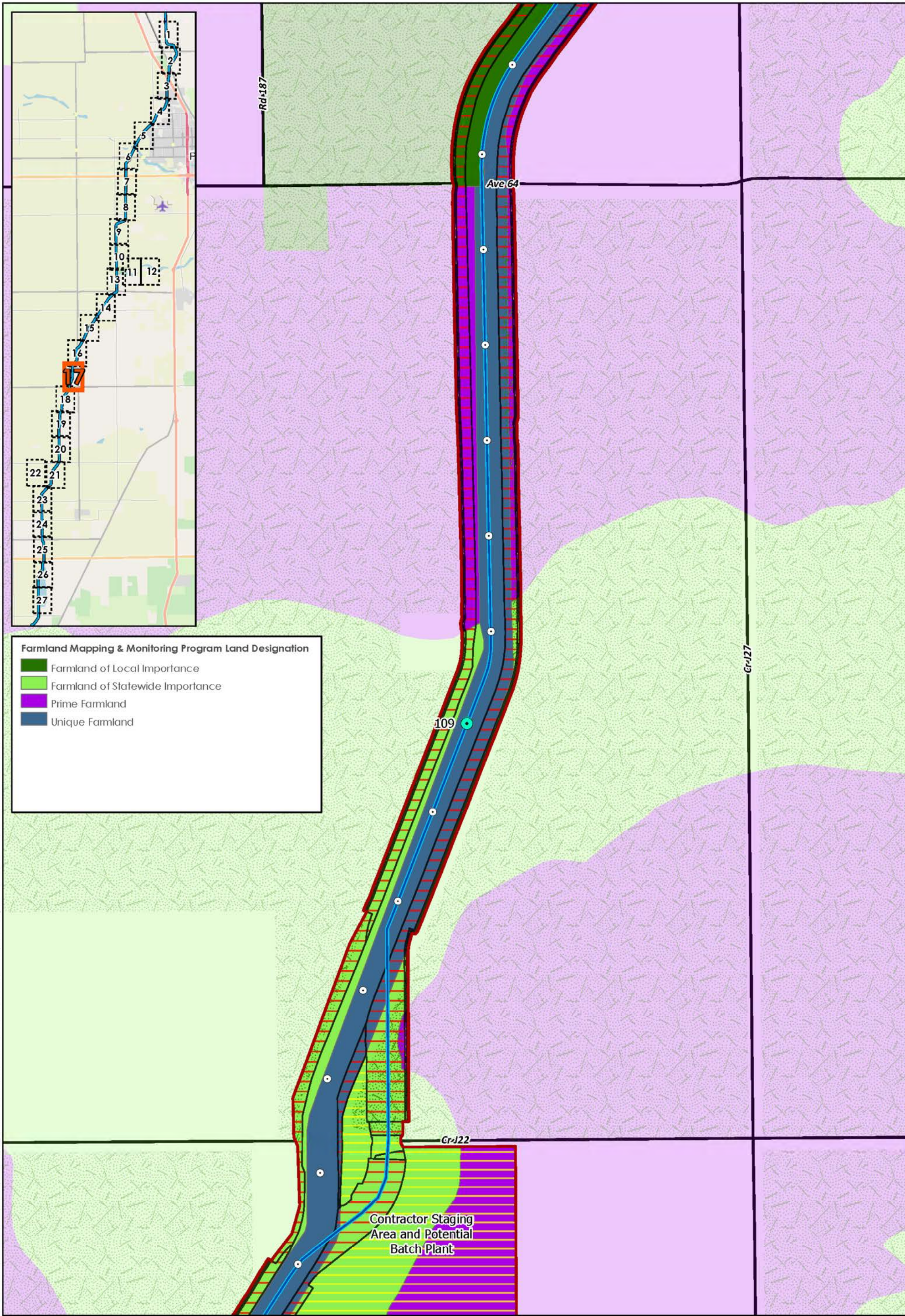
Client/Project

Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

Service Layer Credits: OpenStreetMap: Map data © OpenStreetMap contributors, Map layer by Esri, NAIP 2016

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Farmland Mapping & Monitoring Program Land Designation

- Farmland of Local Importance
- Farmland of Statewide Importance
- Prime Farmland
- Unique Farmland

FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT

Canal Enlargement Alternative

Potential Impacts

- No Impact
- Permanent
- Temporary

Project Area

- Proposed Canal Enlargement Centerline
- Mile Post
- Tenth-of-Mile

Figure No. **G4: Sheet 17 of 27**

Title **Impacts by FMMP**

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

184031016
Prepared by SCP
(2020-03-25)

Friant **Stantec**

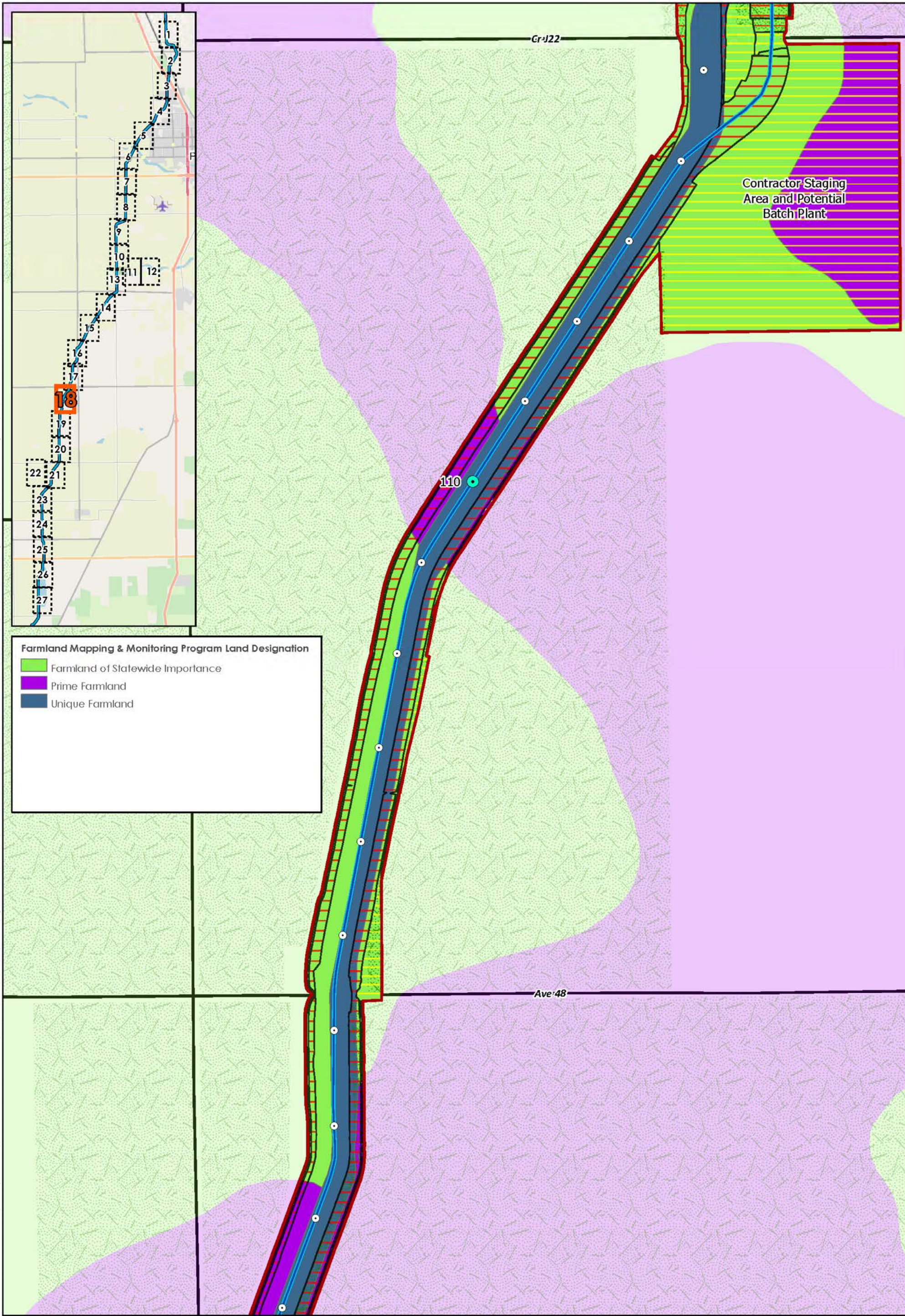
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Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

Service Layer Credits: OpenStreetMap: Map data © OpenStreetMap contributors, Map layer by Esri, NAIP 2016

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Farmland Mapping & Monitoring Program Land Designation

- Farmland of Statewide Importance
- Prime Farmland
- Unique Farmland

FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT

Canal Enlargement Alternative

Potential Impacts

- No Impact
- Permanent
- Temporary

Proposed Canal Enlargement Centerline

- Mile Post
- Tenth-of-Mile

Figure No. **G4: Sheet 18 of 27**

Title **Impacts by FMMP**

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

184031016
Prepared by SCP
(2020-03-25)

Friant **Stantec**

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Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

Service Layer Credits: OpenStreetMap: Map data © OpenStreetMap contributors, Map layer by Esri, NAIP 2016

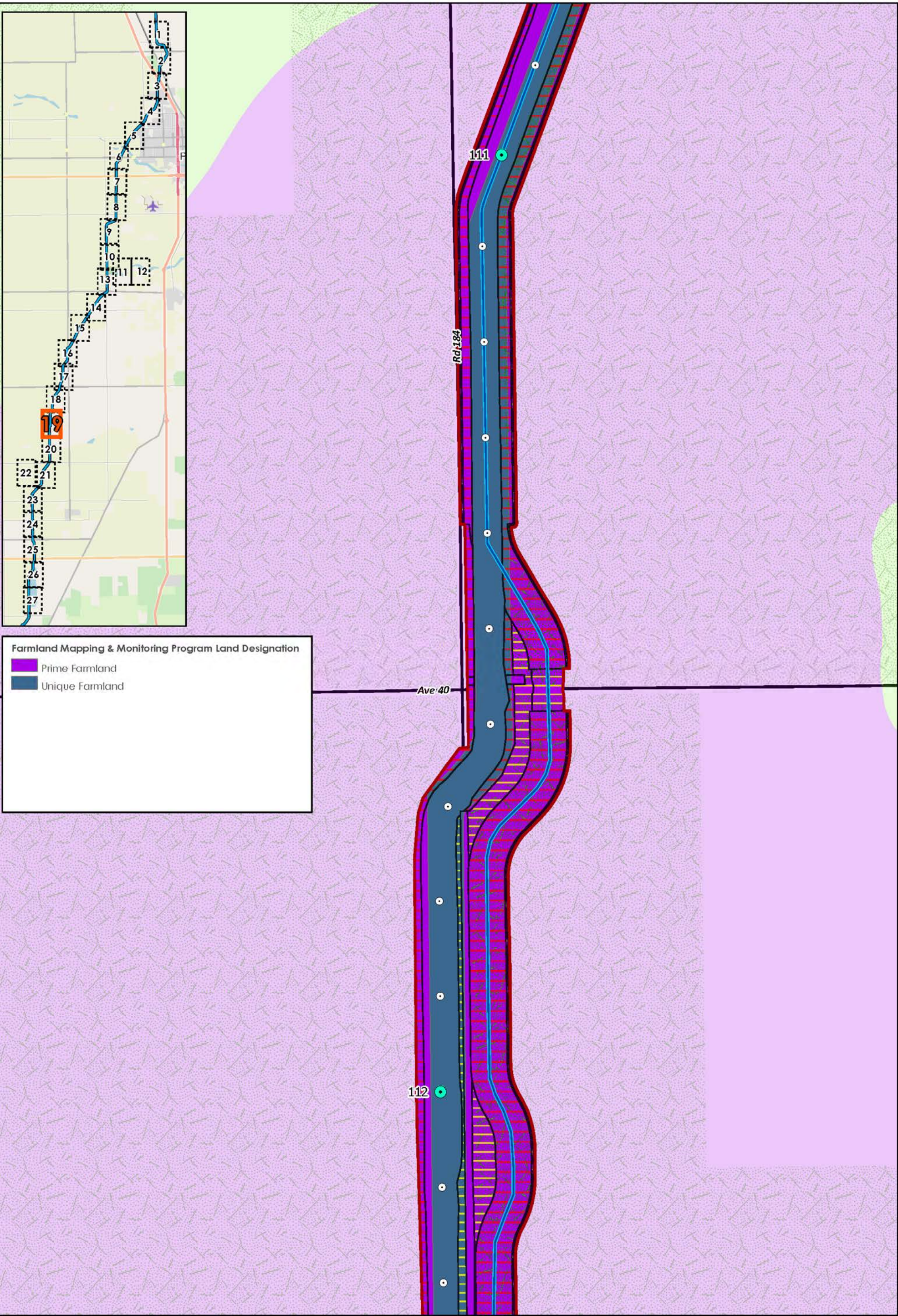
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Farmland Mapping & Monitoring Program Land Designation

	Prime Farmland
	Unique Farmland



FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT

Canal Enlargement Alternative

	Project Area		Proposed Canal Enlargement Centerline
	Potential Impacts		Mile Post
	No Impact		Tenth-of-Mile
	Permanent		
	Temporary		

Figure No. **G4: Sheet 19 of 27**

Title **Impacts by FMMP**

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

184031016
Prepared by SCP
(2020-03-25)

0 500 1,000 Feet
1:6,000 (At original document size of 11x17)

Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

Service Layer Credits: OpenStreetMap: Map data © OpenStreetMap contributors, Map layer by Esri; NAIP 2016

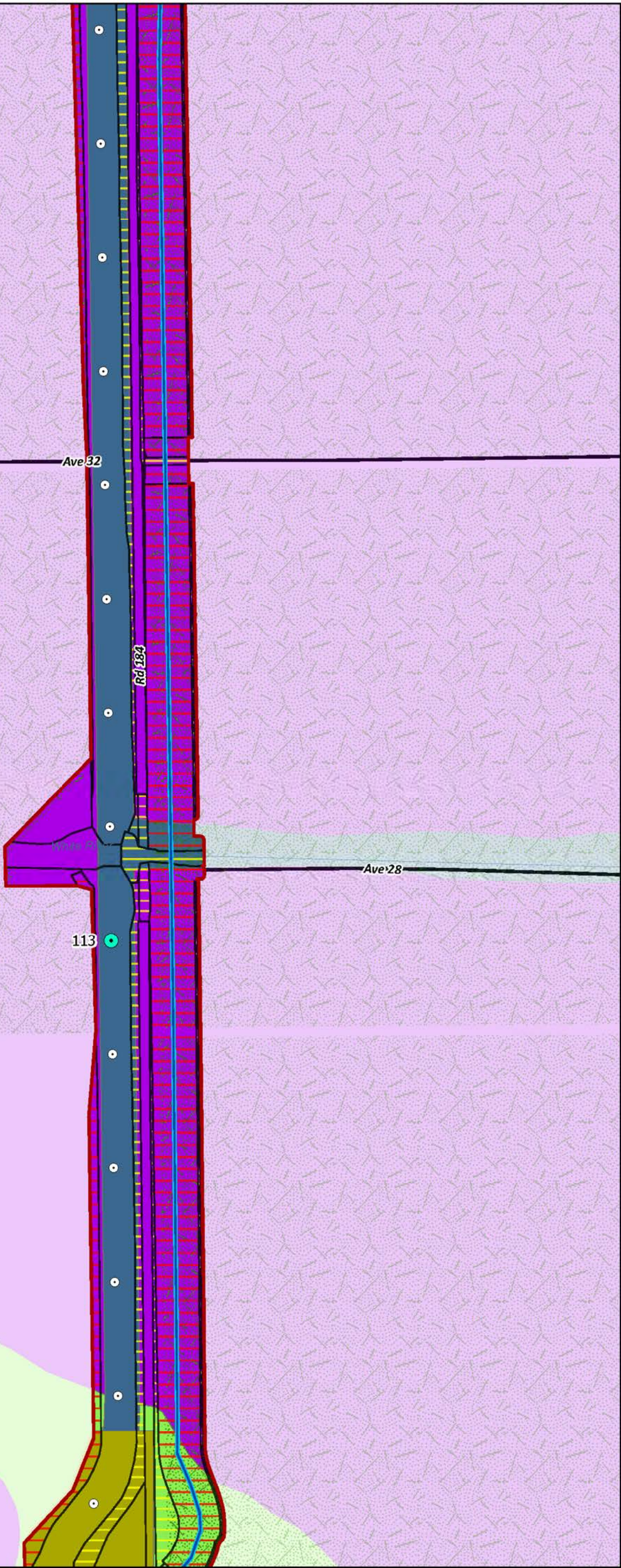
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Farmland Mapping & Monitoring Program Land Designation

- Farmland of Statewide Importance
- Prime Farmland
- Unique Farmland
- Vacant or Disturbed Land



FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT
Canal Enlargement Alternative

- | | |
|--------------------------|---------------------------------------|
| Project Area | Proposed Canal Enlargement Centerline |
| Potential Impacts | Mile Post |
| No Impact | Tenth-of-Mile |
| Permanent | |
| Temporary | |

Figure No. **G4: Sheet 20 of 27**

Impacts by FMMP

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

184031016
Prepared by SCP
(2020-03-25)

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1:6,000 (At original document size of 11x17)

Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

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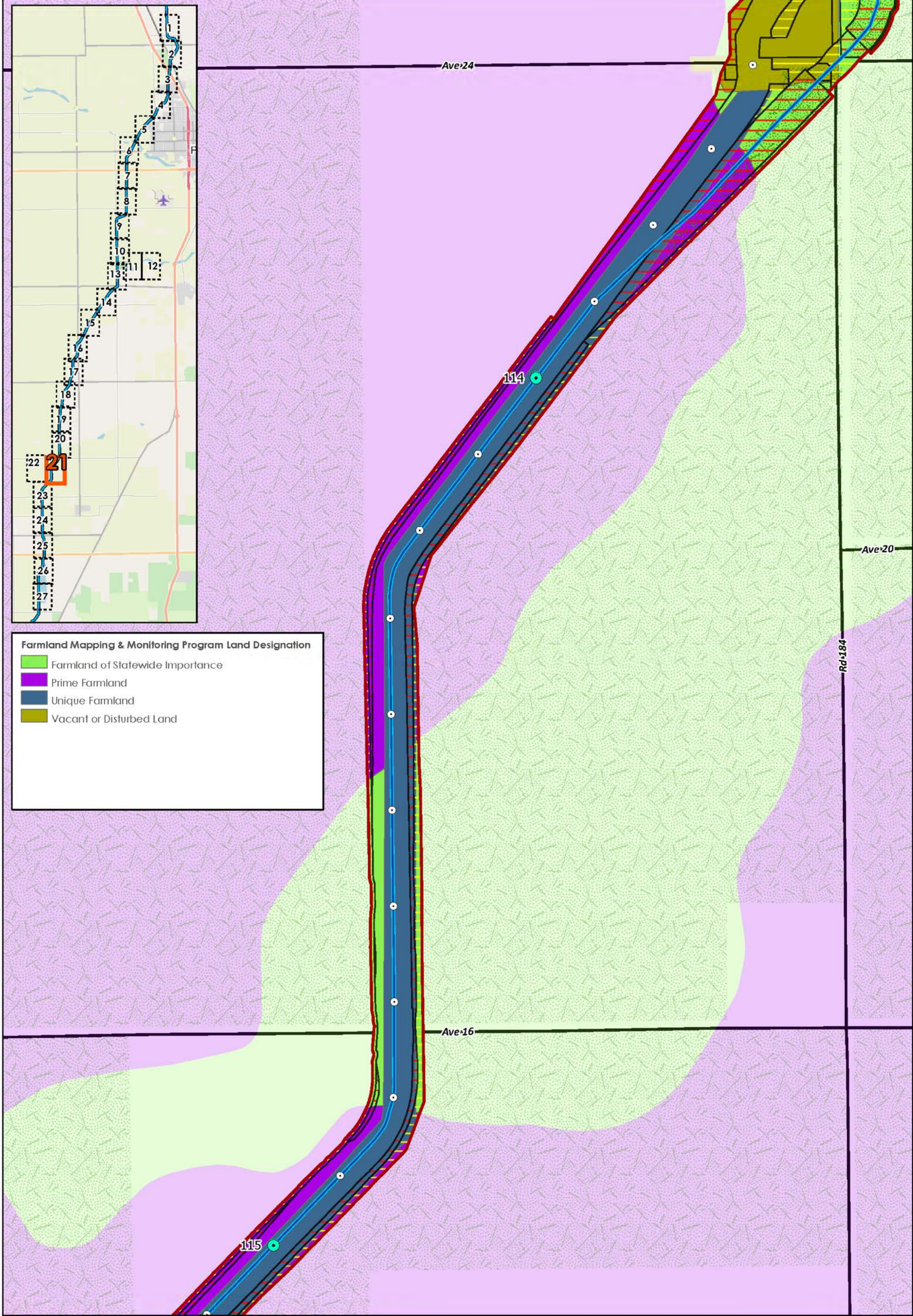
Farmland Mapping & Monitoring Program Land Designation

Farmland of Statewide Importance

Prime Farmland

Unique Farmland

Vacant or Disturbed Land



FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT

Canal Enlargement Alternative

Project Area

Potential Impacts

No Impact

Permanent

Temporary

Proposed Canal Enlargement Centerline

Mile Post

Tenth-of-Mile

Figure No.
G4: Sheet 21 of 27

Title
Impacts by FMMP

Project Location
Tulare and Kern Counties, CA

7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

184031016

Prepared by SCP

(2020-03-25)

Friant
water authority

Stantec

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Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

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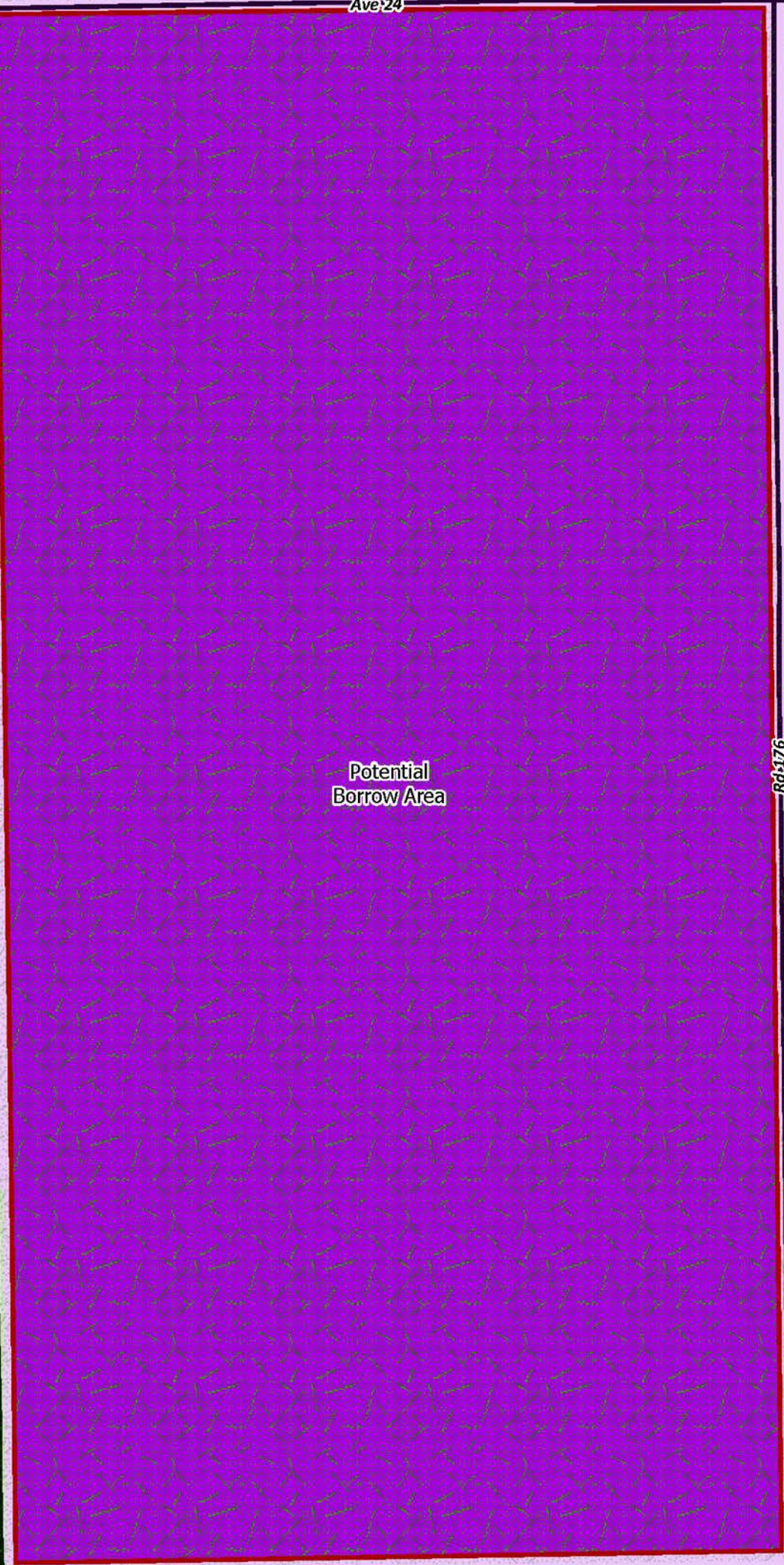
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Farmland Mapping & Monitoring Program Land Designation

Prime Farmland

Rd-172



Rd-176

Ave-24

Ave-16

FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT
Canal Enlargement Alternative

- Project Area
- Potential Impacts
- No Impact
- Permanent
- Temporary
- Proposed Canal Enlargement Centerline
- Mile Post
- Tenth-of-Mile

Figure No.
G4: Sheet 22 of 27

Title
Impacts by FMMP

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

184031016
Prepared by: SCP
(2020-03-25)



0 500 1,000 Feet
1:6,000 (At original document size of 11x17)

Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity Correction Project

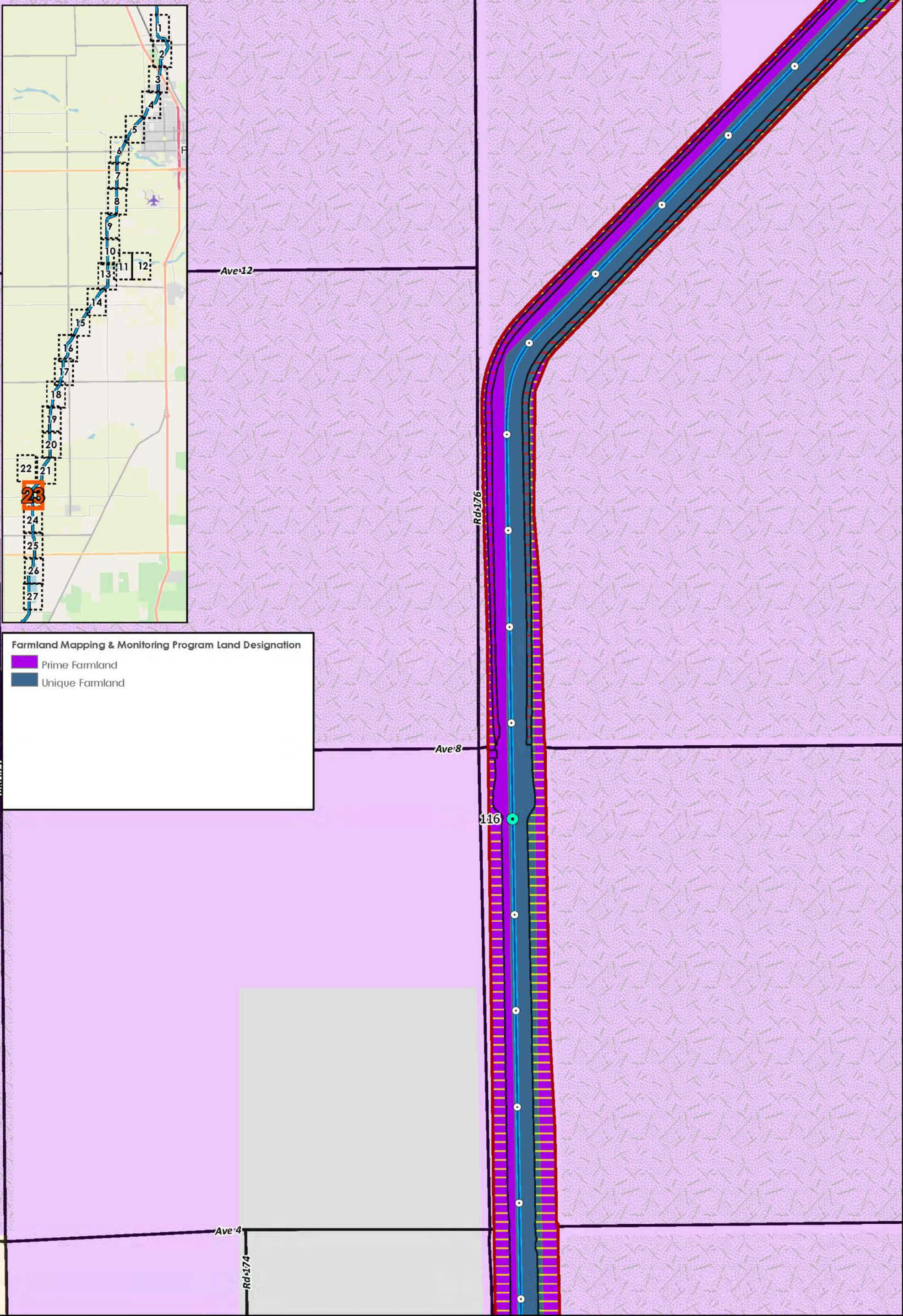
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Farmland Mapping & Monitoring Program Land Designation

Prime Farmland

Unique Farmland



FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT
Canal Enlargement Alternative

Project Area

Potential Impacts

No Impact

Permanent

Temporary

Proposed Canal Enlargement Centerline

Mile Post

Tenth-of-Mile

Figure No. G4: Sheet 23 of 27

Title
Impacts by FMMP

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

184031016

Prepared by SCP

(2020-03-25)

Friant
water authority

Stantec

0

500

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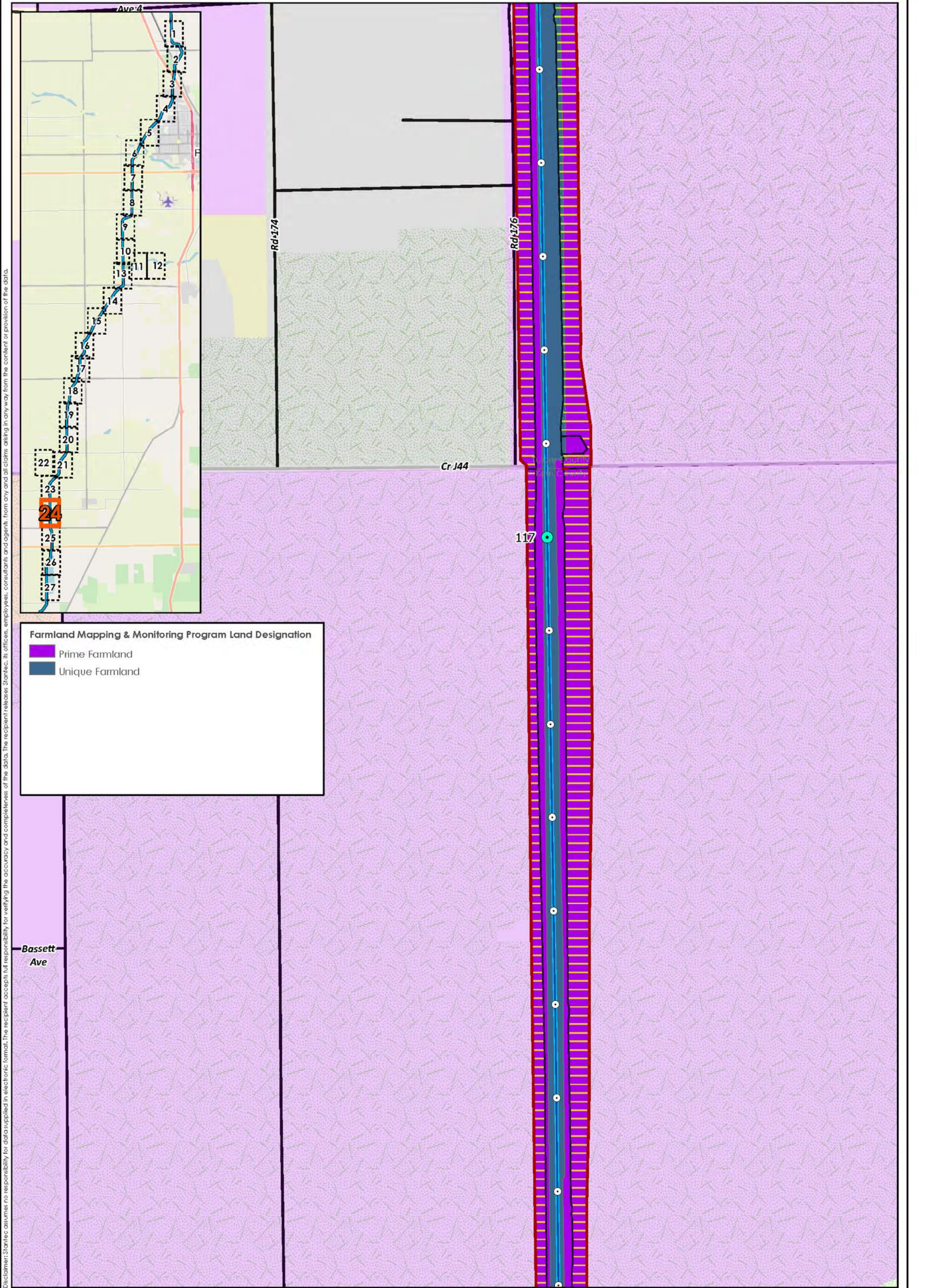
Feet

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Client/Project

Friant Water Authority

Friant-Kern Canal Middle Reach Capacity Correction Project



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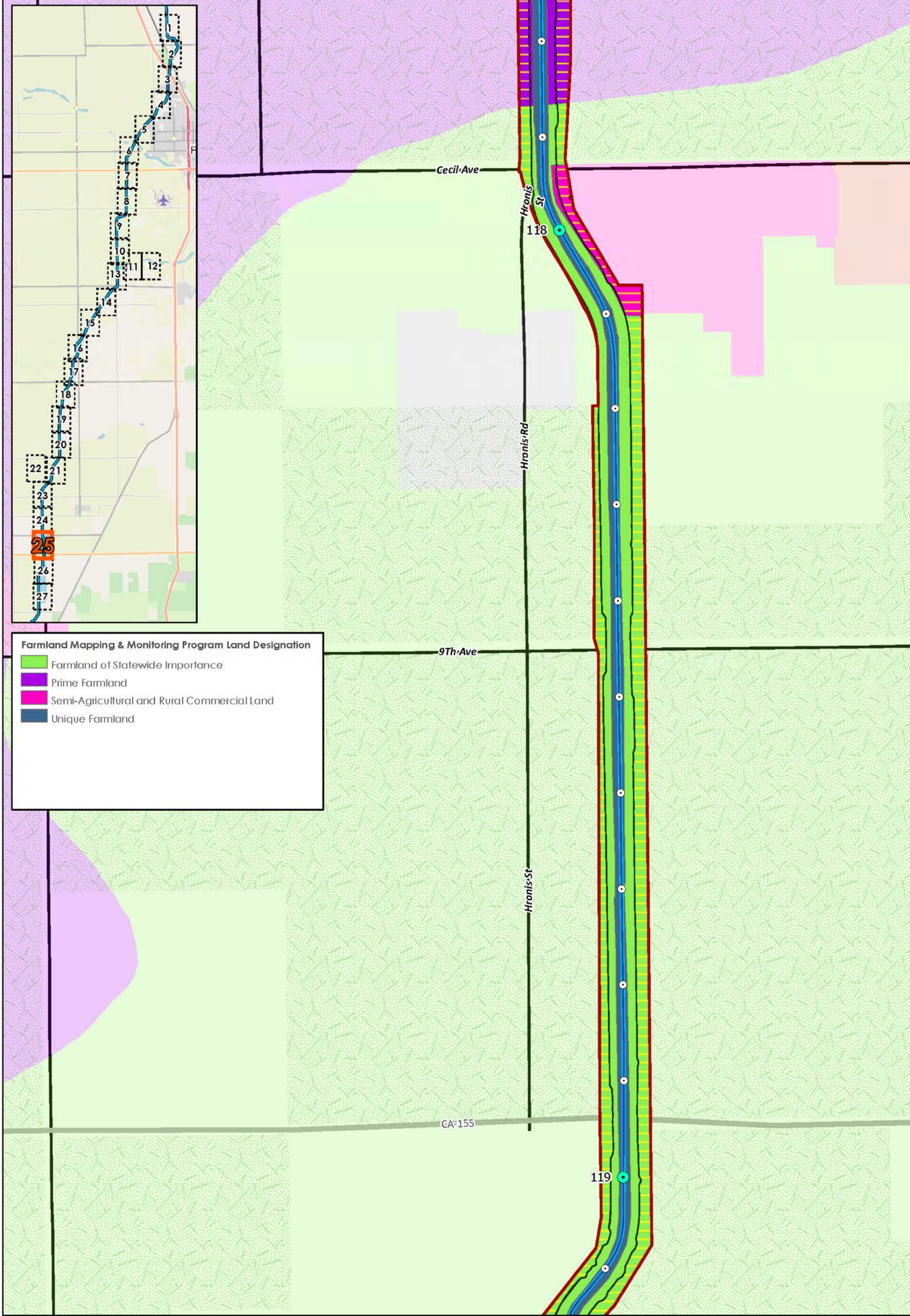
Farmland Mapping & Monitoring Program Land Designation

Farmland of Statewide Importance

Prime Farmland

Semi-Agricultural and Rural Commercial Land

Unique Farmland



FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT

Canal Enlargement Alternative

Project Area

Potential Impacts

No Impact

Permanent

Temporary

Proposed Canal Enlargement Centerline

Mile Post

Tenth-of-Mile

Figure No.

G4: Sheet 25 of 27

Title

Impacts by FMMP

Project Location

Tulare and Kern Counties, CA

7.5' USGS Quadrangles

Porterville, California (1971)

Sausalito School, California (1971)

Ducor, California (1972)

184031016

Prepared by: SCP

(2020-03-25)

Client/Project

Friant Water Authority

Friant-Kern Canal Middle Reach Capacity Correction Project

Scale

0 500 1,000 Feet

1:6,000 (At original document size of 11x17)

Logos

Service Layer Credits: OpenStreetMap: Map data © OpenStreetMap contributors, Map layer by Esri, NAIP 2016

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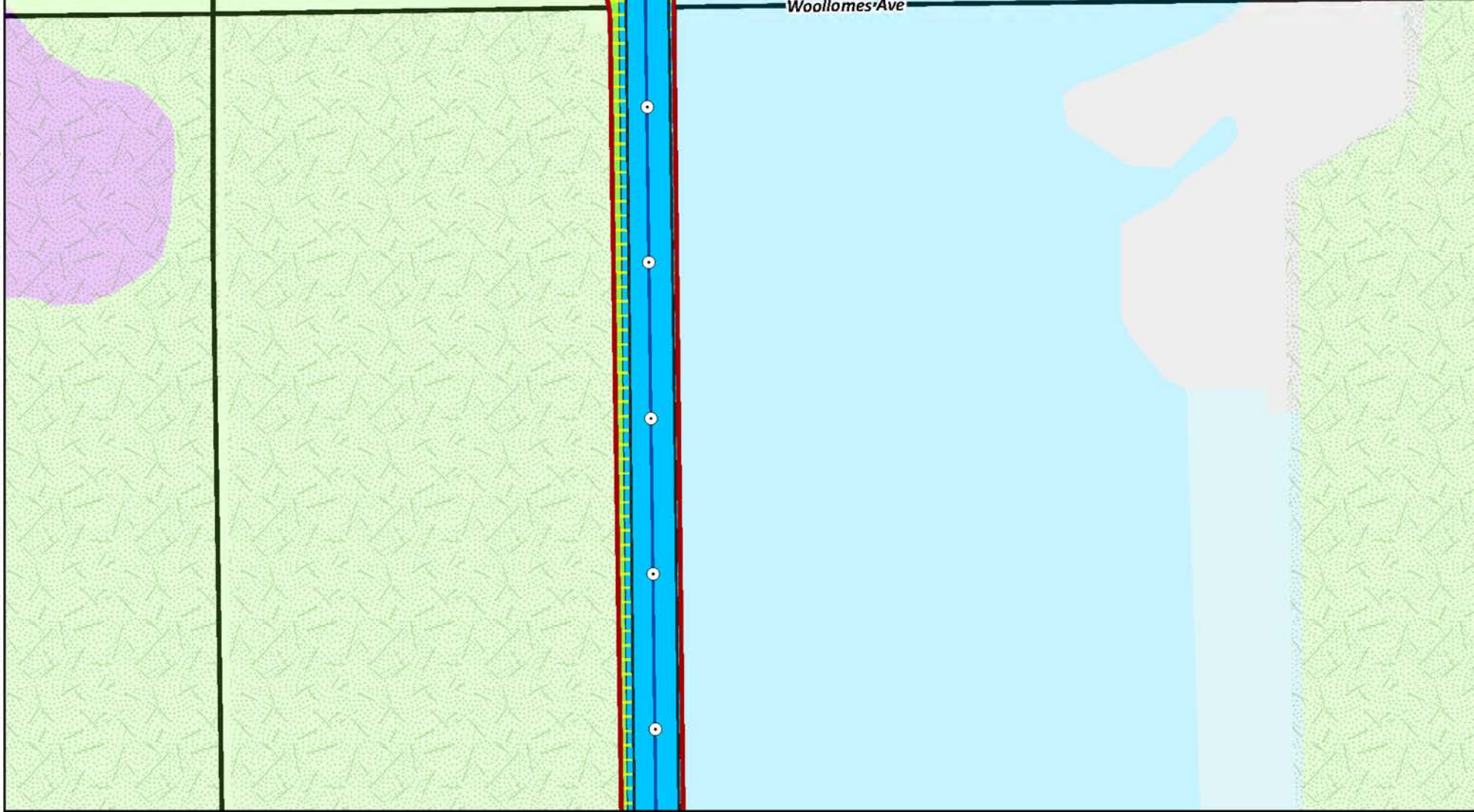


Farmland Mapping & Monitoring Program Land Designation

Farmland of Statewide Importance

Unique Farmland

Water



FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT

Canal Enlargement Alternative

Project Area

Potential Impacts

No Impact

Permanent

Temporary

Proposed Canal Enlargement Centerline

Mile Post

Tenth-of-Mile

Figure No.

G4: Sheet 26 of 27

Title

Impacts by FMMP

Project Location

Tulare and Kern Counties, CA

7.5' USGS Quadrangles

Porterville, California (1971)

Sausalito School, California (1971)

Ducor, California (1972)

184031016

Prepared by SCP

(2020-03-25)

Friant

Water Authority

Stantec

0

500

1,000

Feet

1:6,000 (At original document size of 11x17)

Client/Project

Friant Water Authority

Friant-Kern Canal Middle Reach Capacity Correction Project

Service Layer Credits: OpenStreetMap: Map data © OpenStreetMap contributors, Map layer by Esri, NAIP 2016

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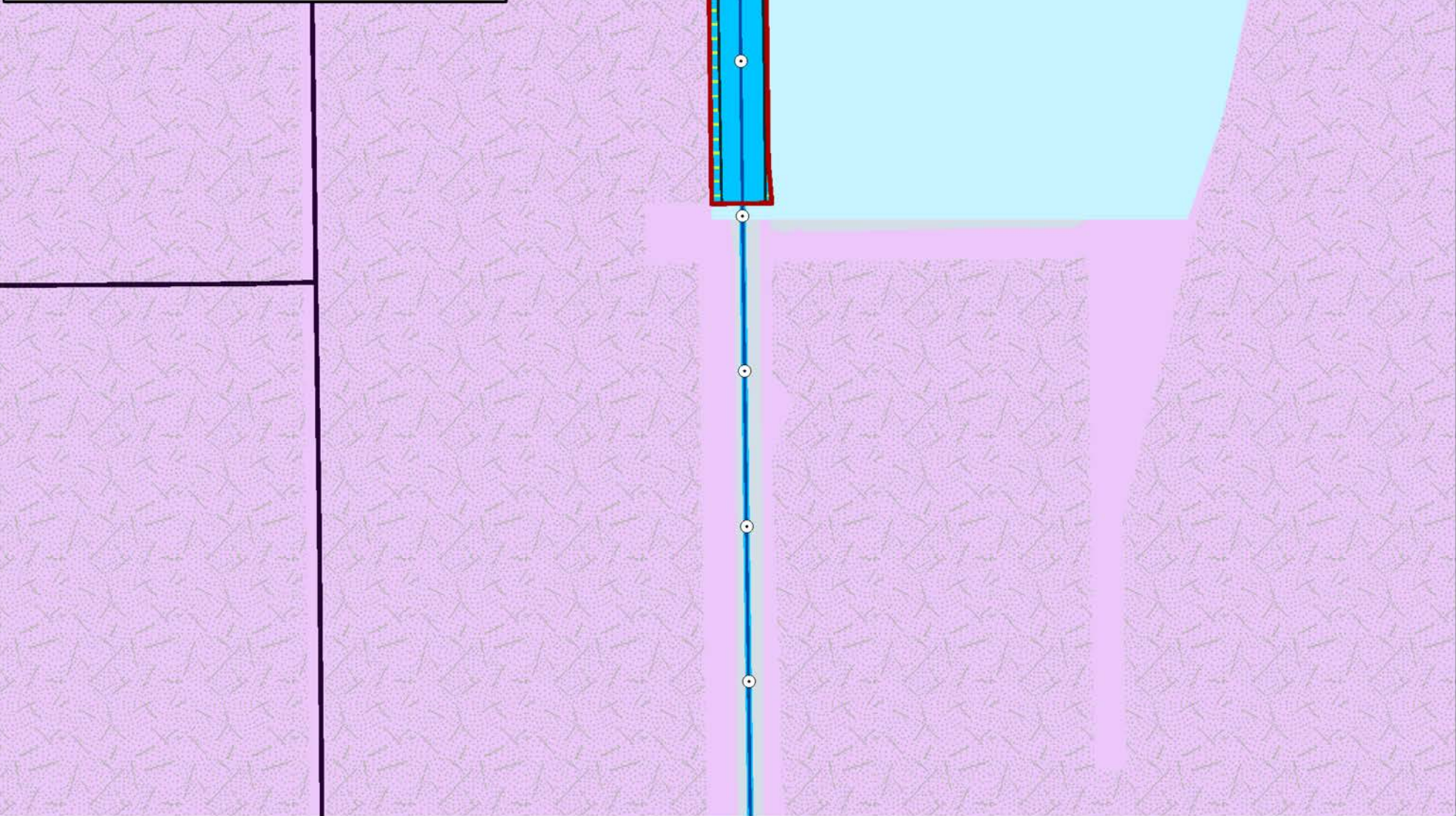


Farmland Mapping & Monitoring Program Land Designation

Farmland of Statewide Importance

Prime Farmland

Water



FRIANT-KERN CANAL MIDDLE REACH CAPACITY CORRECTION PROJECT

Canal Enlargement Alternative

Project Area

Potential Impacts

No Impact

Permanent

Temporary

Proposed Canal Enlargement Centerline

Mile Post

Tenth-of-Mile

Figure No.

G4: Sheet 27 of 27

Title

Impacts by FMMP

Project Location

Tulare and Kern Counties, CA

7.5' USGS Quadrangles

Porterville, California (1971)

Sausalito School, California (1971)

Ducor, California (1972)

184031016

Prepared by: SCP

(2020-03-25)

Friant

WATER AUTHORITY

Stantec

0

500

1,000

Feet

1:6,000 (At original document size of 11x17)

Client/Project

Friant Water Authority

Friant-Kern Canal Middle Reach Capacity Correction Project

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