

Appendix I

Supporting Agricultural Resources Information

Important Farmland

Temporary Impact Areas

Temporary impact areas were identified within the environmental footprint of the Proposed Project. ICF environmental staff identified the areas mapped as Important Farmland that overlapped with the areas of temporary impacts. These areas of overlap were further reviewed to identify:

1. Areas that are actually areas with existing UPRR railroad tracks and ballast.
2. Areas that are located next to areas where two railroad tracks currently exist.
3. Areas, where based on the aerial imagery, do not meet the definition of Important Farmland.

Table 1 identifies the areas where the Proposed Project could temporarily affect Important Farmland. Table 2 identifies the areas mapped as Important Farmland that overlapped with the areas of temporary impacts, which would be located next to areas where two railroad tracks currently exist. Table 3 identifies the areas mapped as Important Farmland that overlapped with the areas of temporary impacts, and that based on aerial imagery, do not meet the definition of Important Farmland.

Table 1. Important Farmlands Temporarily Affected by the Proposed Project, by Parcel (acres)

APN/Proposed Facility	Prime Farmland	Unique Farmland	Farmland of Statewide Importance	Farmland of Local Importance	Within UPRR Tracks and Ballast^a	Total
143-010-015						
Ceres to Merced Extension Alignment	0.01				1.26	1.27
046-260-009						
Ceres to Merced Extension Alignment			0.01		0.68	0.69
047-300-017						
Ceres to Merced Extension Alignment			0.43			0.43
059-053-002						
Ceres to Merced Extension Alignment	<0.01			0.03	0.01	0.03
059-053-003						
Ceres to Merced Extension Alignment				0.40	0.08	0.48
Total Acreage	0.01		0.44	0.43	2.03	2.90

^a This column includes areas mapped as Important Farmland but that are located within UPRR tracks and ballast. These areas don't meet the definition of Important Farmland and no impact would occur within these areas.

Table 2. Important Farmlands Not Temporarily Affected by the Proposed Project, by Parcel (acres) - Due to Location Next to Existing Double Track

APN/Proposed Facility	Prime Farmland	Unique Farmland	Farmland of Statewide Importance	Farmland of Local Importance	Within UPRR Tracks and Ballast^a	Total
041-039-018						
Ceres to Merced Extension Alignment	0.02					0.02
143-039-032						
Ceres to Merced Extension Alignment	<0.01					<0.01
143-010-018						
Ceres to Merced Extension Alignment	0.11				0.47	0.58
143-010-019						
Ceres to Merced Extension Alignment	0.26		0.08		2.07	2.41
143-010-020						
Ceres to Merced Extension Alignment	0.17				0.98	1.14
143-010-022						
Ceres to Merced Extension Alignment	0.14				0.85	0.99
Total Acreage	0.70		0.08	0.83	4.37	5.14

^a This column includes areas mapped as Important Farmland but that are located within UPRR tracks and ballast. These areas don't meet the definition of Important Farmland and no impact would occur within these areas

Table 3. Important Farmlands Not Temporarily Affected by the Proposed Project, by Parcel (acres) - Due to Land not Meeting the Definition of Important Farmland

APN/Proposed Facility	Prime Farmland	Unique Farmland	Farmland of Statewide Importance	Farmland of Local Importance	Within UPRR Tracks and Ballast ^a	Total
143-010-008						
Ceres to Merced Extension Alignment	<0.01				2.09	2.09
143-120-014						
Ceres to Merced Extension Alignment	<0.01					<0.01
047-060-049						
Ceres to Merced Extension Alignment	0.01					0.01
047-300-016						
Ceres to Merced Extension Alignment			<0.01			<0.01
047-100-033						
Ceres to Merced Extension Alignment	<0.01					<0.01
047-300-015						
Ceres to Merced Extension Alignment	<0.01					<0.01
047-100-032						
Ceres to Merced Extension Alignment	<0.01					<0.01
059-053-001						
Ceres to Merced Extension Alignment	<0.01		<0.01			<0.01
059-330-027						
Ceres to Merced Extension Alignment			<0.01			<0.01
059-330-028						
Ceres to Merced Extension Alignment	<0.01		<0.01			<0.01
059-053-004						
Ceres to Merced Extension Alignment				0.04		0.04
031-352-014						
Ceres to Merced Extension Alignment				<0.01		<0.01
056-250-033						
Ceres to Merced Extension Alignment	<0.01				1.53	1.53
031-352-019						
Ceres to Merced Extension Alignment				0.05	0.01	0.06
059-053-003						
Ceres to Merced Extension Alignment				0.31		0.31
041-200-001						
Ceres to Merced Extension Alignment					0.43	0.43

APN/Proposed Facility	Prime Farmland	Unique Farmland	Farmland of Statewide Importance	Farmland of Local Importance	Within UPRR Tracks and Ballast^a	Total
011-110-017						
Ceres to Merced Extension Alignment					0.89	0.89
024-190-001						
Ceres to Merced Extension Alignment					0.46	0.46
Total Acreage	0.01		<0.01	0.40	5.41	5.82

^a This column includes areas mapped as Important Farmland but that are located within UPRR tracks and ballast. These areas don't meet the definition of Important Farmland and no impact would occur within these areas

Permanent Impact Areas

Permanent impact areas were identified within the environmental footprint of the Proposed Project. ICF environmental staff identified the areas mapped as Important Farmland that overlapped with the areas of permanent impacts. These areas of overlap were further reviewed to identify:

1. Areas that are actually areas with existing UPRR railroad tracks and ballast.
2. Areas that are located next to areas where two railroad tracks currently exist.
3. Areas, where based on the aerial imagery, do not meet the definition of Important Farmland.

Table 4 identifies the areas where the Proposed Project could permanent affect Important Farmland. Table 5 identifies the areas mapped as Important Farmland that overlapped with the areas of permanent impacts, which would be located next to areas where two railroad tracks currently exist. Table 3 identifies the areas mapped as Important Farmland that overlapped with the areas of temporary impacts, and that based on aerial imagery, do not meet the definition of Important Farmland

Table 4. Important Farmland Potentially Permanently Converted by the Proposed Project, by Parcel (acres)

APN/Proposed Facilities	Prime Farmland	Unique Farmland	Farmland of Statewide Importance	Farmland of Local Importance	Within UPRR Tracks and Ballast ^a	Total
143-010-015 Ceres to Merced Extension Alignment	0.31				1.66	1.97
047-300-017 Ceres to Merced Extension Alignment			0.10			0.10
059-053-001 Ceres to Merced Extension Alignment	<0.01		<0.01			<0.01
059-051-033 Merced Layover & Maintenance Facility				<0.01		<0.01
059-051-029 Merced Layover & Maintenance Facility				11.04		11.04
059-051-028 Merced Layover & Maintenance Facility				<0.01		<0.01
059-053-002 Ceres to Merced Extension Alignment	<0.01					<0.01
059-053-003 Ceres to Merced Extension Alignment				0.57	1.26	1.83
056-250-033 Ceres to Merced Extension Alignment	0.01				0.97	0.98
Total Acreage	0.32		0.10	11.61	3.89	15.92

^a This column includes areas mapped as Important Farmland but that are located within UPRR tracks and ballast. These areas don't meet the definition of Important Farmland and no impact would occur within these areas.

Table 5. Important Farmland Potentially Not Permanently Converted by the Proposed Project, by Parcel (acres) - Due to Location Next to Existing Double Track

APN/Proposed Facility	Prime Farmland	Unique Farmland	Farmland of Statewide Importance	Farmland of Local Importance	Within UPRR Tracks and Ballast^a	Total
041-039-018 Ceres to Merced Extension Alignment	<0.01					<0.01
041-039-031 Ceres to Merced Extension Alignment	0.12					0.12
041-039-032 Ceres to Merced Extension Alignment	<0.01					<0.01
041-039-033 Ceres to Merced Extension Alignment	0.04		0.10			0.14
143-010-018 Ceres to Merced Extension Alignment	0.13				0.68	0.81
143-010-019 Ceres to Merced Extension Alignment	0.44		0.15		2.49	3.08
143-010-020 Ceres to Merced Extension Alignment	0.24				1.25	1.48
143-010-022 Ceres to Merced Extension Alignment	0.24				1.02	1.26
041-010-004 Ceres to Merced Extension Alignment			0.03			0.03
041-010-005 Ceres to Merced Extension Alignment	0.03		0.13			0.16
041-010-006 Ceres to Merced Extension Alignment	0.22					0.22
041-200-001 Ceres to Merced Extension Alignment	0.16		1.52		1.84	3.53
041-200-002 Ceres to Merced Extension Alignment	0.03					0.03
041-150-001 Ceres to Merced Extension Alignment			0.61			0.62
041-220-019 Ceres to Merced Extension Alignment			0.36			0.36
041-200-023 Ceres to Merced Extension Alignment	0.13		0.16		0.96	1.25

APN/Proposed Facility	Prime Farmland	Unique Farmland	Farmland of Statewide Importance	Farmland of Local Importance	Within UPRR Tracks and Ballast^a	Total
041-150-052						
Ceres to Merced Extension Alignment			1.06			1.06
Total Acreage	1.78		4.12		8.24	14.15

^a This column includes areas mapped as Important Farmland but that are located within UPRR tracks and ballast. These areas don't meet the definition of Important Farmland and no impact would occur within these areas.

Table 6. Important Farmland Not Potentially Permanently Converted by the Proposed Project, by Parcel (acres) - Due to Land not Meeting the Definition of Important Farmland

APN/Proposed Facility	Prime Farmland	Unique Farmland	Farmland of Statewide Importance	Farmland of Local Importance	Within UPRR Tracks and Ballast^a	Total
045-053-012 Ceres to Merced Extension Alignment	0.08					0.08
143-010-008 Ceres to Merced Extension Alignment	0.30		1.47		1.73	3.51
143-010-015 Ceres to Merced Extension Alignment	1.70					1.70
143-120-014 Ceres to Merced Extension Alignment	0.01					0.01
046-030-020 Ceres to Merced Extension Alignment	0.10		0.26			0.36
046-260-002 Ceres to Merced Extension Alignment			0.01			0.01
046-030-014 Ceres to Merced Extension Alignment			0.06			0.06
046-260-001 Ceres to Merced Extension Alignment	0.03		0.44			0.46
046-030-005 Ceres to Merced Extension Alignment			<0.01			<0.01
011-110-017 Ceres to Merced Extension Alignment	1.21				0.21	1.42
046-260-009 Ceres to Merced Extension Alignment			1.16	1.08	0.69	2.94
047-300-015 Ceres to Merced Extension Alignment	0.06					0.06
059-053-001 Ceres to Merced Extension Alignment	0.32		0.02			0.34
059-053-002 Ceres to Merced Extension Alignment	0.19					0.19
059-053-003 Ceres to Merced Extension Alignment				0.80		0.80
059-053-004 Ceres to Merced Extension Alignment				0.04		0.04

APN/Proposed Facility	Prime Farmland	Unique Farmland	Farmland of Statewide Importance	Farmland of Local Importance	Within UPRR Tracks and Ballast^a	Total
031-352-019						
Ceres to Merced Extension Alignment				0.02	0.01	0.04
056-250-033						
Ceres to Merced Extension Alignment	2.08			0.09		2.17
024-190-001						
Ceres to Merced Extension Alignment					0.71	0.71
Total Acreage	6.08		3.42	2.03	3.35	14.90

^a This column includes areas mapped as Important Farmland but that are located within UPRR tracks and ballast. These areas don't meet the definition of Important Farmland and no impact would occur within these areas.

Williamson Act Lands

Table 7. Mapped Williamson Act Lands within the environmental footprint of the Proposed Project, by Parcel (acres)

APN	Williamson Act Prime or Nonprime Soils	Proposed Project Facility	Mapped Area within the Environmental Footprint
<i>Areas Where Two Railroad Tracks Currently Exist</i>			
041-039-018	WA Non-Prime	Ceres to Merced Extension Alignment	0.03
041-039-033	WA Non-Prime	Ceres to Merced Extension Alignment	0.46
041-150-052	WA Non-Prime	Ceres to Merced Extension Alignment	1.2
057-390-034	WA Non-Prime	Ceres to Merced Extension Alignment	<0.01
<i>Areas Without Active Agricultural Use</i>			
041-039-026	WA Non-Prime	Ceres to Merced Extension Alignment	0.12
087-001-009	WA Non-Prime	Ceres to Merced Extension Alignment	<0.01

Remnant and Severed Parcels

Table 8. Remnant and Severed Parcels of Important Farmland Created by the Proposed Project, by Parcel (acres)

APN/Proposed Facilities/Type of Important Farmland	Important Farmland in Parcel	Impact Area	Remnant Parcel Size
041-039-031			
Ceres to Merced Extension Alignment			
Prime Farmland	11.10	0.12	10.98
041-039-033			
Ceres to Merced Extension Alignment			
Farmland of Statewide Importance	1.46	0.10	1.36
Prime Farmland	7.81	0.04	7.78
045-053-012			
Ceres to Merced Extension Alignment			
Prime Farmland	6.72	0.08	6.64
011-110-017			
Ceres to Merced Extension Alignment			
Prime Farmland	1.88	1.21	0.67
031-352-019			
Ceres to Merced Extension Alignment			
Farmland of Local Importance	0.07	0.02	0.05
041-010-004			
Ceres to Merced Extension Alignment			
Farmland of Statewide Importance	3.73	0.03	3.70
041-010-005			
Ceres to Merced Extension Alignment			
Farmland of Statewide Importance	11.36	0.13	11.23
Prime Farmland	0.42	0.03	0.39
041-150-001			
Ceres to Merced Extension Alignment			
Farmland of Statewide Importance	12.40	0.61	11.79
Prime Farmland	2.99	0.00	2.98
041-200-002			
Ceres to Merced Extension Alignment			
Prime Farmland	6.54	0.03	6.51
046-030-020			
Ceres to Merced Extension Alignment			
Farmland of Statewide Importance	16.21	0.26	15.95
Prime Farmland	3.80	0.10	3.69
046-260-002			
Ceres to Merced Extension Alignment			
Farmland of Statewide Importance	2.55	0.01	2.55

APN/Proposed Facilities/Type of Important Farmland	Important Farmland in Parcel	Impact Area	Remnant Parcel Size
046-260-009			
Ceres to Merced Extension Alignment			
Farmland of Local Importance	1.85	1.08	0.77
Farmland of Statewide Importance	1.59	1.16	0.43
047-300-015			
Ceres to Merced Extension Alignment			
Prime Farmland	0.06	0.06	0.01
047-300-017			
Ceres to Merced Extension Alignment			
Farmland of Statewide Importance	1.60	0.10	1.50
056-250-033			
Ceres to Merced Extension Alignment			
Farmland of Local Importance	0.44	0.09	0.35
Prime Farmland	3.02	2.09	0.93
059-053-002			
Ceres to Merced Extension Alignment			
Prime Farmland	0.19	0.19	0.01
059-053-003			
Ceres to Merced Extension Alignment			
Farmland of Local Importance	2.22	1.37	0.86
059-053-004			
Ceres to Merced Extension Alignment			
Farmland of Local Importance	0.10	0.04	0.06
143-010-008			
Ceres to Merced Extension Alignment			
Farmland of Statewide Importance	2.90	1.47	1.43
Prime Farmland	0.37	0.30	0.06
143-010-015			
Ceres to Merced Extension Alignment			
Prime Farmland	2.70	2.01	0.68
143-010-018			
Ceres to Merced Extension Alignment			
Prime Farmland	0.65	0.13	0.52
143-010-019			
Ceres to Merced Extension Alignment			
Farmland of Statewide Importance	0.57	0.15	0.42
Prime Farmland	1.75	0.44	1.30
143-010-020			
Ceres to Merced Extension Alignment			
Prime Farmland	1.06	0.24	0.83

APN/Proposed Facilities/Type of Important Farmland	Important Farmland in Parcel	Impact Area	Remnant Parcel Size
143-010-022			
Ceres to Merced Extension Alignment			
Prime Farmland	0.95	0.24	0.70
143-120-014			
Ceres to Merced Extension Alignment			
Prime Farmland	6.06	0.01	6.05
TOTALS	118.16	13.95	104.21