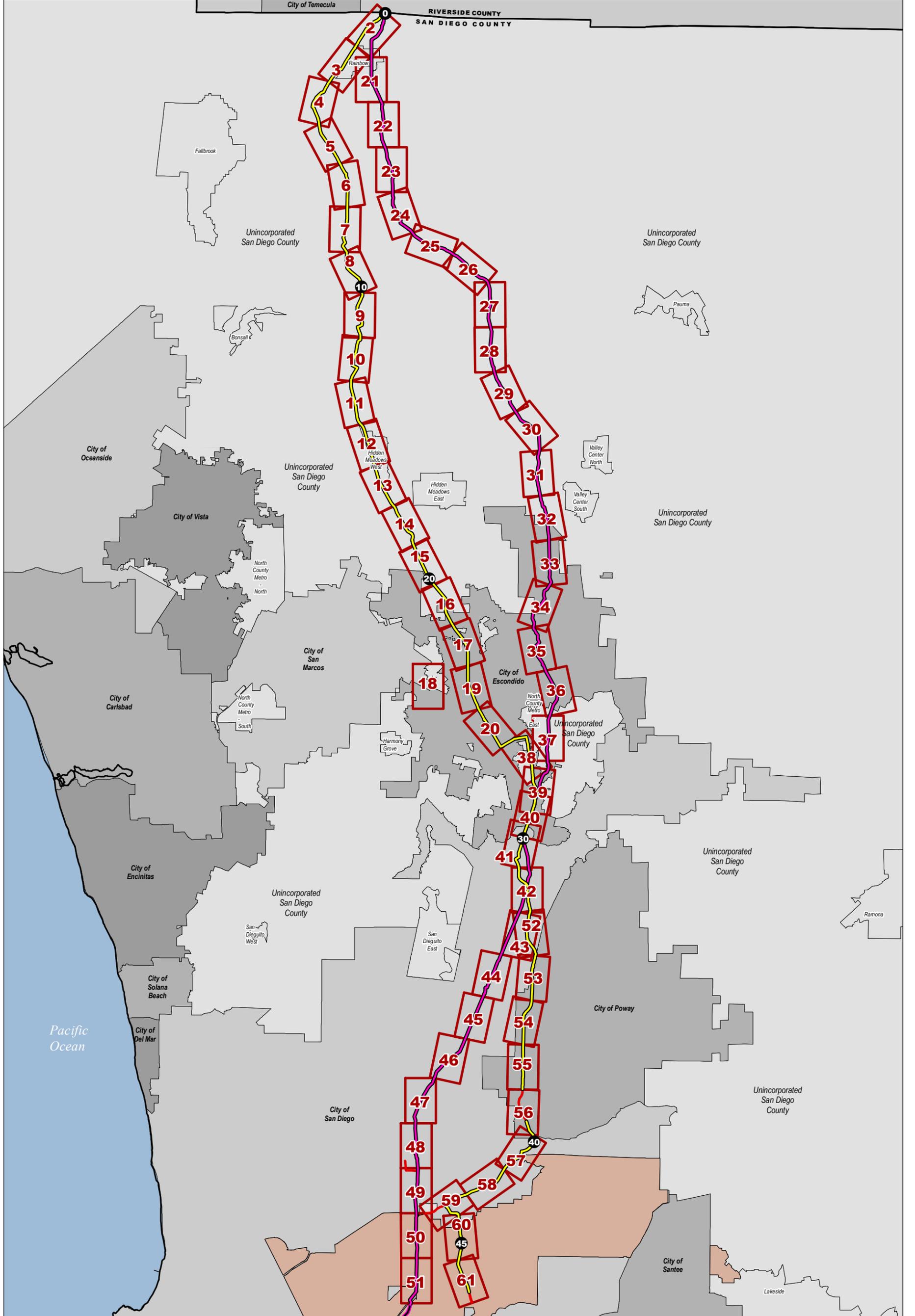


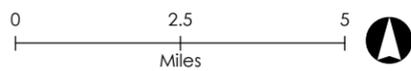
California Public Utilities Commission
Pipeline Safety and Reliability Project –
New Natural Gas Line 3602 and De-rating Line 1600 (PSRP)

Appendix E
Vegetation Communities and Special Status Plants in the
Biological Resources Survey Area Figure
for
CEQA Master Environmental Assessment

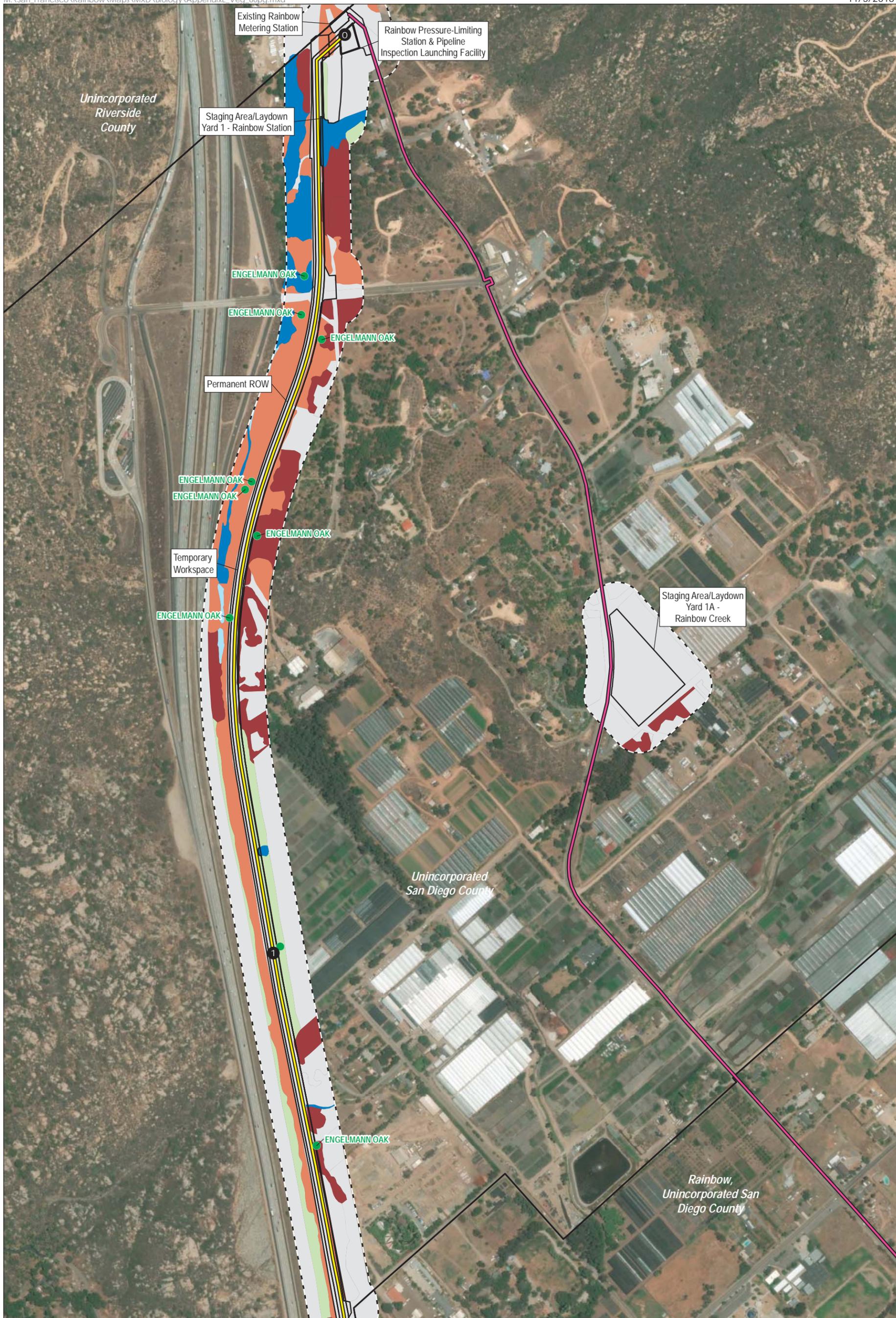
Prepared by:
Ecology and Environment, Inc.
November 2018



- Milepost
- Line 3602
- Tie-Ins & Extensions
- Line 1600
- Line 1600 (Not part of the proposed project)
- MCAS Miramar
- Map Series Index

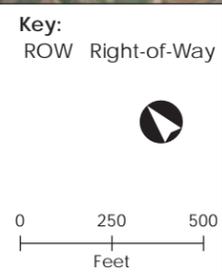


Appendix E
**Vegetation Communities and
 Special Status Plants in the
 Biological Resources Survey Area**
 Page 1 of 61
 Pipeline Safety and Reliability
 Project - New Natural Gas
 Line 3602 and De-rating
 Line 1600
 San Diego County, CA

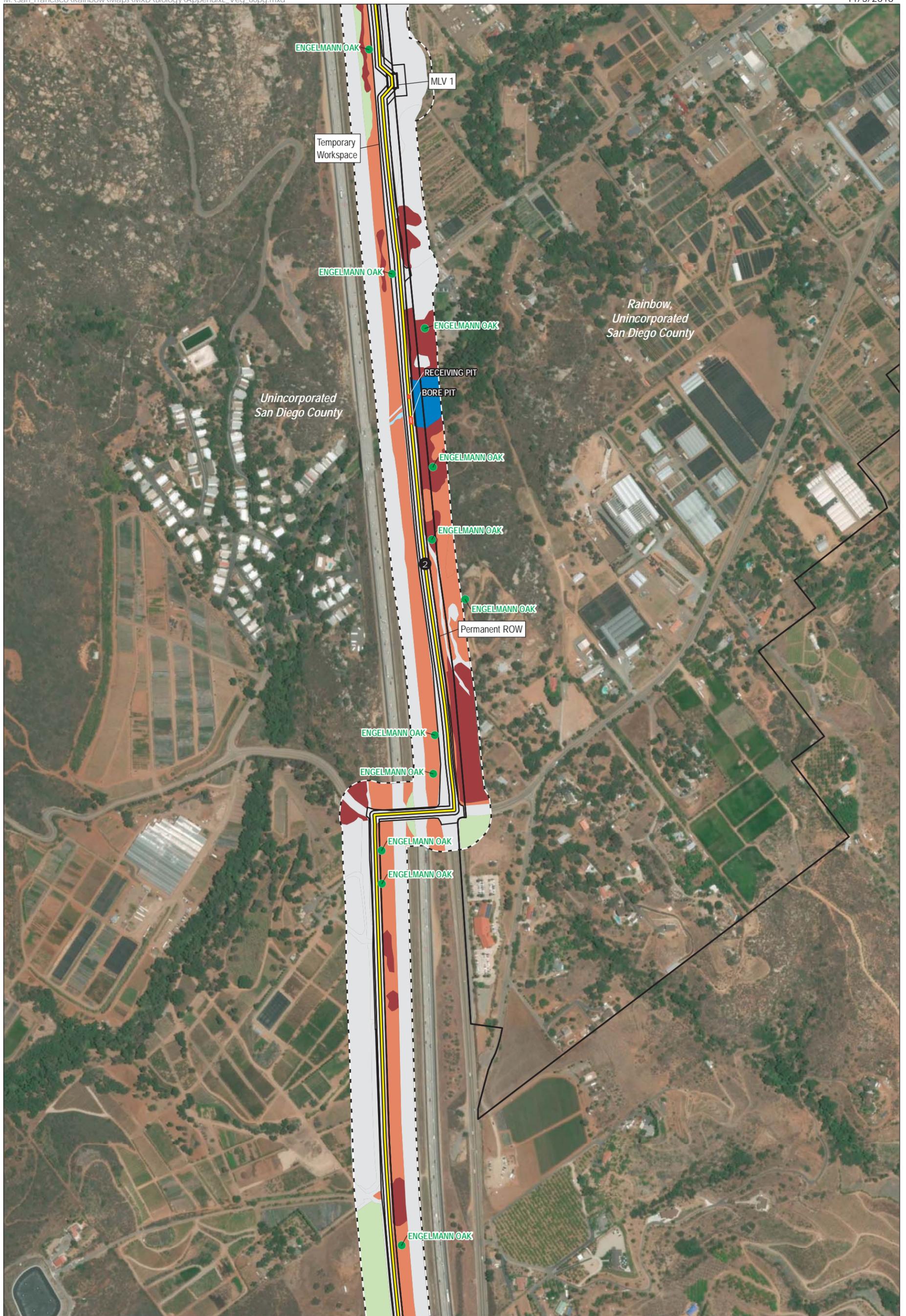


- ① Milepost
- Line 3602
- Existing Pipelines
- Existing Line 1600
- Workspace Boundary
- Biological Resources Survey Area
- Municipal Boundary
- PSRP - Plants

- Surveyed Vegetation - PSRP
- Bog and Marsh
 - Disturbed or Developed Habitat
 - Grasslands, Vernal Pools, Meadows, and Other Herb Communities
 - Riparian and Bottomland Habitat
 - Scrub and Chaparral
 - Woodland



Appendix E
Vegetation Communities and Special Status Plants in the Biological Resources Survey Area
 Page 2 of 61
 Pipeline Safety and Reliability Project - New Natural Gas Line 3602 and De-rating Line 1600
 San Diego County, CA

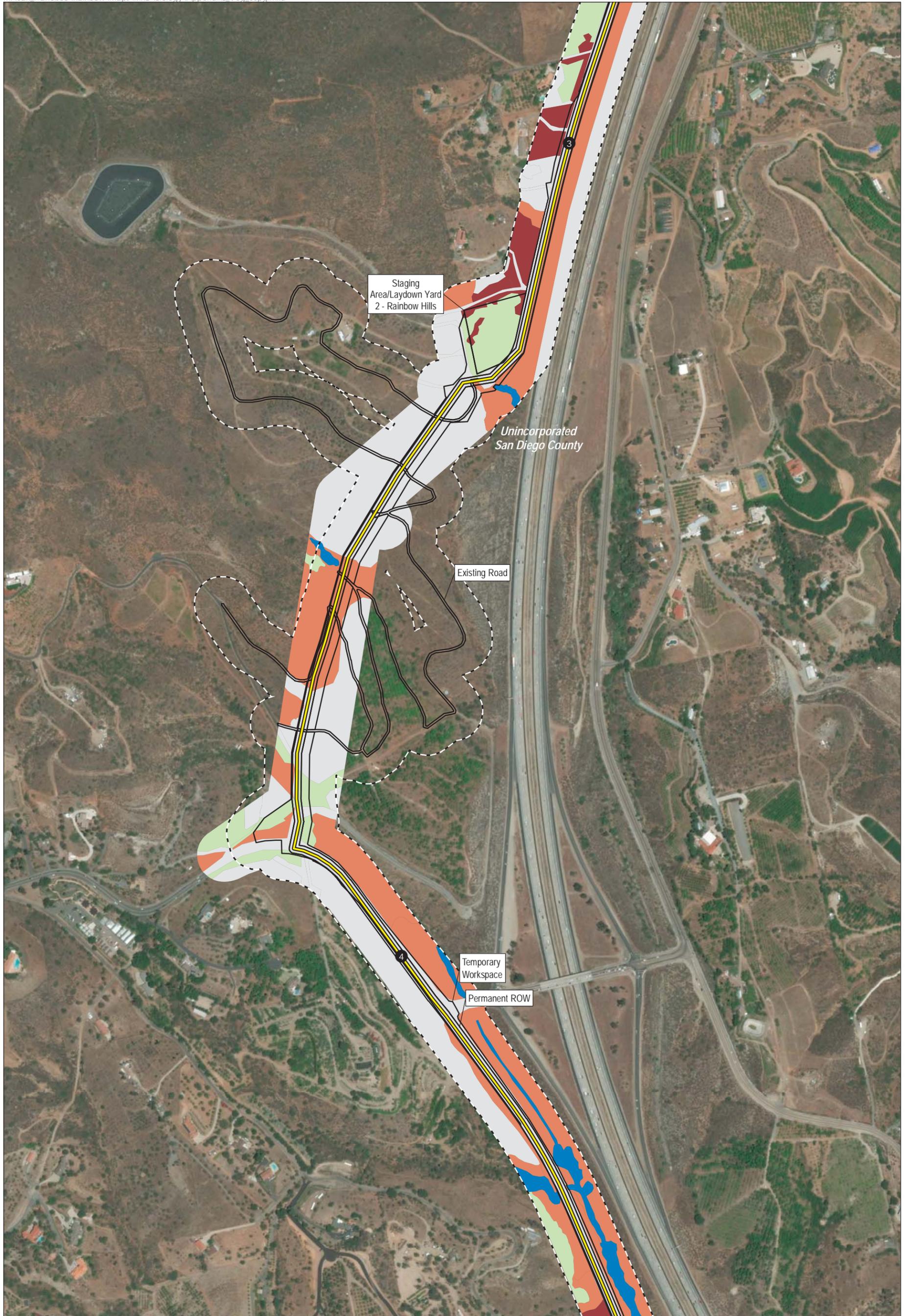


- ① Milepost
- Line 3602
- Bore Pits
- Workspace Boundary
- Biological Resources Survey Area
- Municipal Boundary
- PSRP - Plants

- Surveyed Vegetation - PSRP
- Bog and Marsh
 - Disturbed or Developed Habitat
 - Grasslands, Vernal Pools, Meadows, and Other Herb Communities
 - Riparian and Bottomland Habitat
 - Scrub and Chaparral
 - Woodland

Key:
ROW Right-of-Way

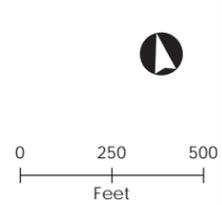
Appendix E
**Vegetation Communities and
 Special Status Plants in the
 Biological Resources Survey Area**
 Page 3 of 61
 Pipeline Safety and Reliability
 Project - New Natural Gas
 Line 3602 and De-rating
 Line 1600
 San Diego County, CA



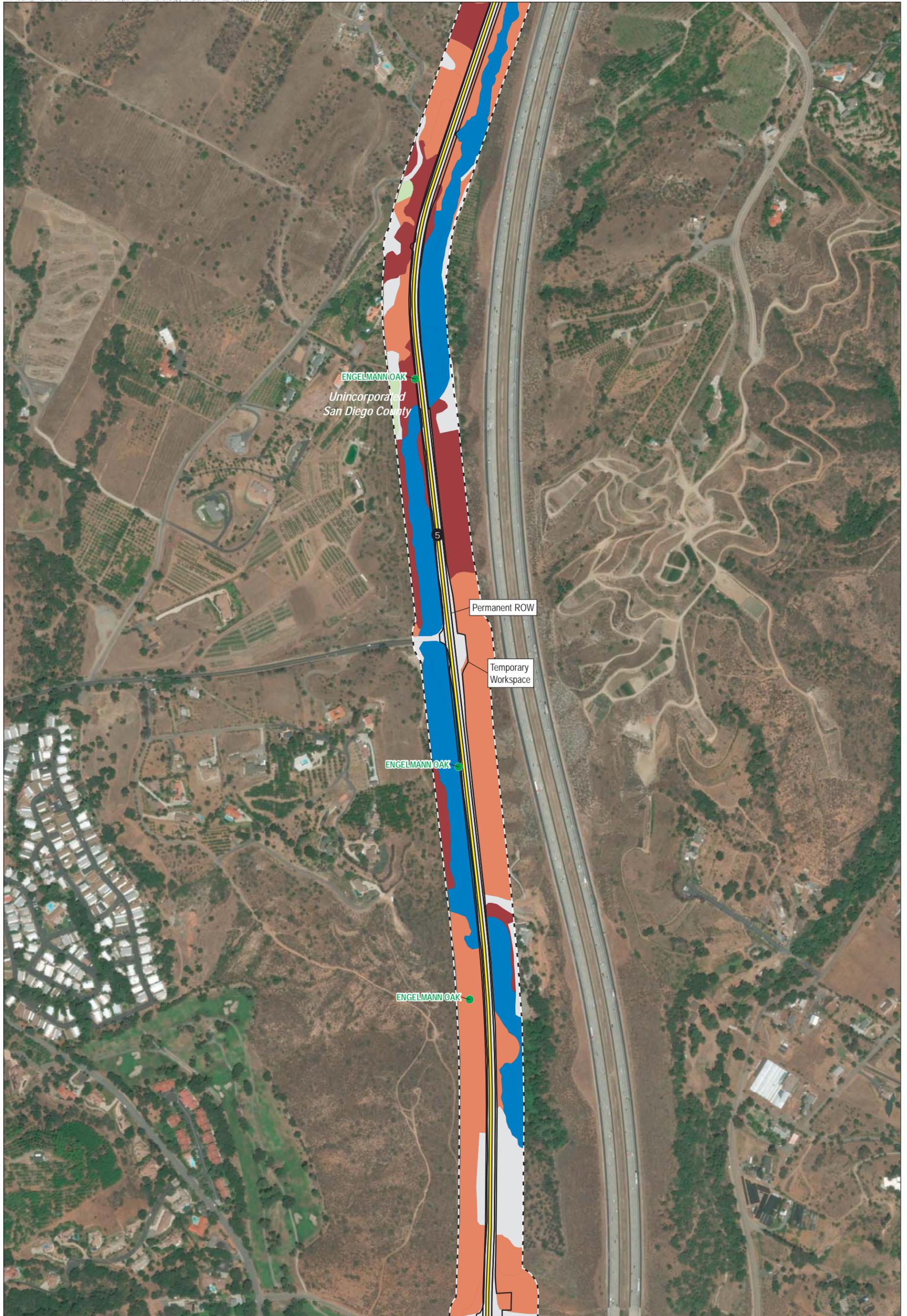
- ① Milepost
- Line 3602
- Workspace Boundary
- - - Biological Resources Survey Area
- Municipal Boundary
- Surveyed Vegetation - PSRP
- Disturbed or Developed Habitat

- Grasslands, Vernal Pools, Meadows, and Other Herb Communities
- Riparian and Bottomland Habitat
- Scrub and Chaparral
- Woodland

Key:
ROW Right-of-Way



Appendix E
Vegetation Communities and Special Status Plants in the Biological Resources Survey Area
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 Pipeline Safety and Reliability Project - New Natural Gas Line 3602 and De-rating Line 1600
 San Diego County, CA



- ① Milepost
- Line 3602
- Workspace Boundary
- - - Biological Resources Survey Area
- Municipal Boundary
- PSRP - Plants

- Surveyed Vegetation - PSRP**
- Disturbed or Developed Habitat
 - Grasslands, Vernal Pools, Meadows, and Other Herb Communities
 - Riparian and Bottomland Habitat
 - Scrub and Chaparral
 - Woodland

Key:
 ROW Right-of-Way

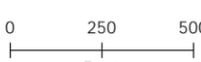
Appendix E
**Vegetation Communities and
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 Pipeline Safety and Reliability
 Project - New Natural Gas
 Line 3602 and De-rating
 Line 1600
 San Diego County, CA



- Milepost
- Line 3602
- Workspace Boundary
- Biological Resources Survey Area
- Municipal Boundary
- Surveyed Vegetation - PSRP**
- Disturbed or Developed Habitat

- Grasslands, Vernal Pools, Meadows, and Other Herb Communities
- Riparian and Bottomland Habitat
- Scrub and Chaparral
- Woodland

Key:
 ROW Right-of-Way

Appendix E
Vegetation Communities and
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Biological Resources Survey Area
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 Pipeline Safety and Reliability
 Project - New Natural Gas
 Line 3602 and De-rating
 Line 1600
 San Diego County, CA



- ① Milepost
- Line 3602
- Bore Pits
- Workspace Boundary
- - - Biological Resources Survey Area
- Municipal Boundary

- Surveyed Vegetation - PSRP**
- Disturbed or Developed Habitat
 - Grasslands, Vernal Pools, Meadows, and Other Herb Communities
 - Riparian and Bottomland Habitat
 - Scrub and Chaparral
 - Woodland

Key:
 ROW Right-of-Way

0 250 500
 Feet

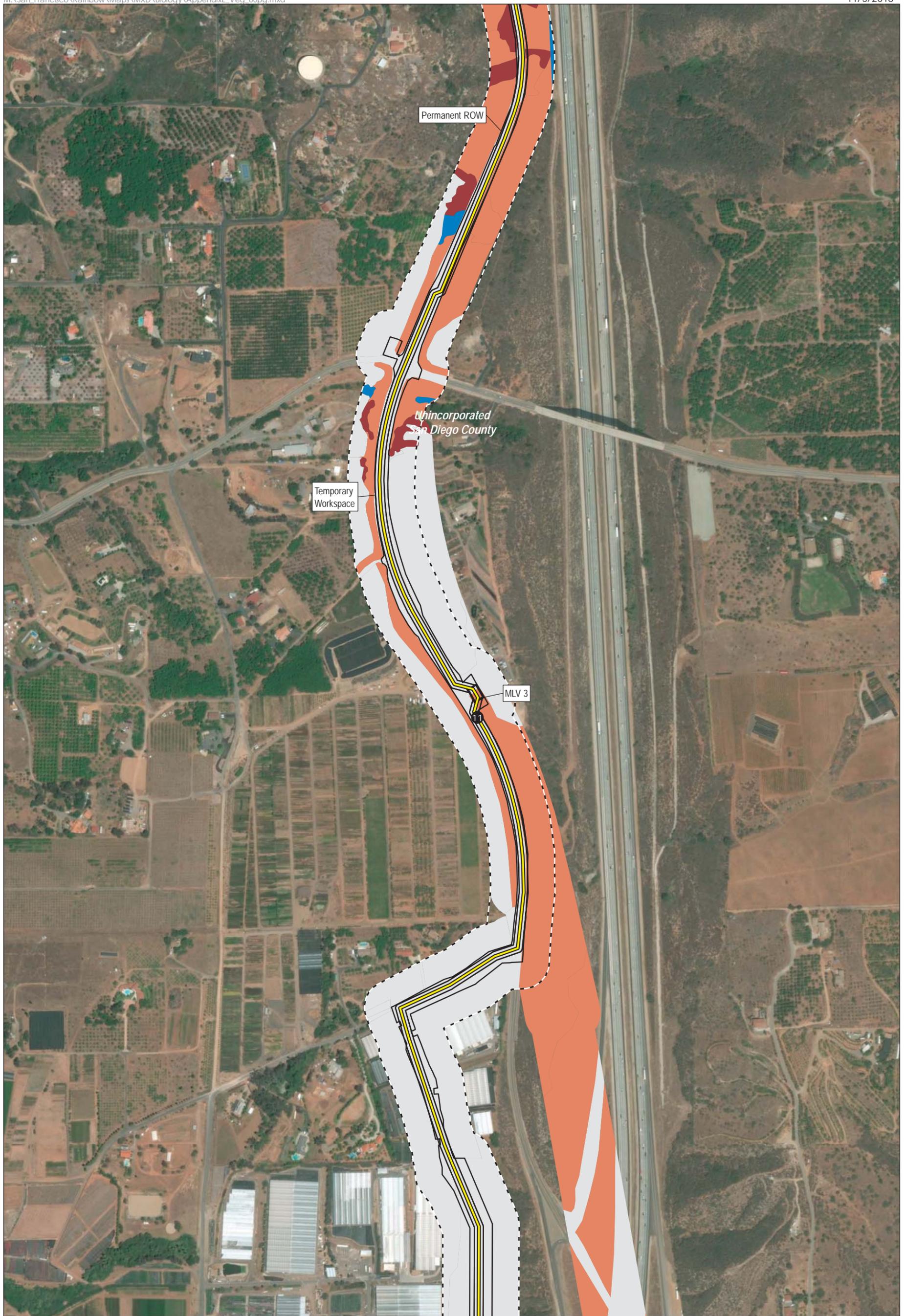
Appendix E
**Vegetation Communities and
 Special Status Plants in the
 Biological Resources Survey Area**
Page 7 of 61
 Pipeline Safety and Reliability
 Project - New Natural Gas
 Line 3602 and De-rating
 Line 1600
 San Diego County, CA



- Milepost
- ▬ Line 3602
- ▭ Workspace Boundary
- ▭ Biological Resources Survey Area
- ▭ Municipal Boundary
- ▭ Surveyed Vegetation - PSRP
- ▭ Disturbed or Developed Habitat
- ▭ Grasslands, Vernal Pools, Meadows, and Other Herb Communities
- ▭ Riparian and Bottomland Habitat
- ▭ Scrub and Chaparral
- ▭ Woodland

- ▭ Key: ROW Right-of-Way
- 0 250 500 Feet

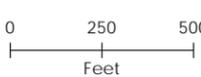
Appendix E
Vegetation Communities and Special Status Plants in the Biological Resources Survey Area
 Page 8 of 61
 Pipeline Safety and Reliability Project - New Natural Gas Line 3602 and De-rating Line 1600
 San Diego County, CA



- Milepost
- Line 3602
- Workspace Boundary
- Biological Resources Survey Area
- Municipal Boundary
- Surveyed Vegetation - PSRP**
- Disturbed or Developed Habitat

- Grasslands, Vernal Pools, Meadows, and Other Herb Communities
- Riparian and Bottomland Habitat
- Scrub and Chaparral
- Woodland

Key:
ROW Right-of-Way

Appendix E
**Vegetation Communities and
 Special Status Plants in the
 Biological Resources Survey Area**
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 Pipeline Safety and Reliability
 Project - New Natural Gas
 Line 3602 and De-rating
 Line 1600
 San Diego County, CA

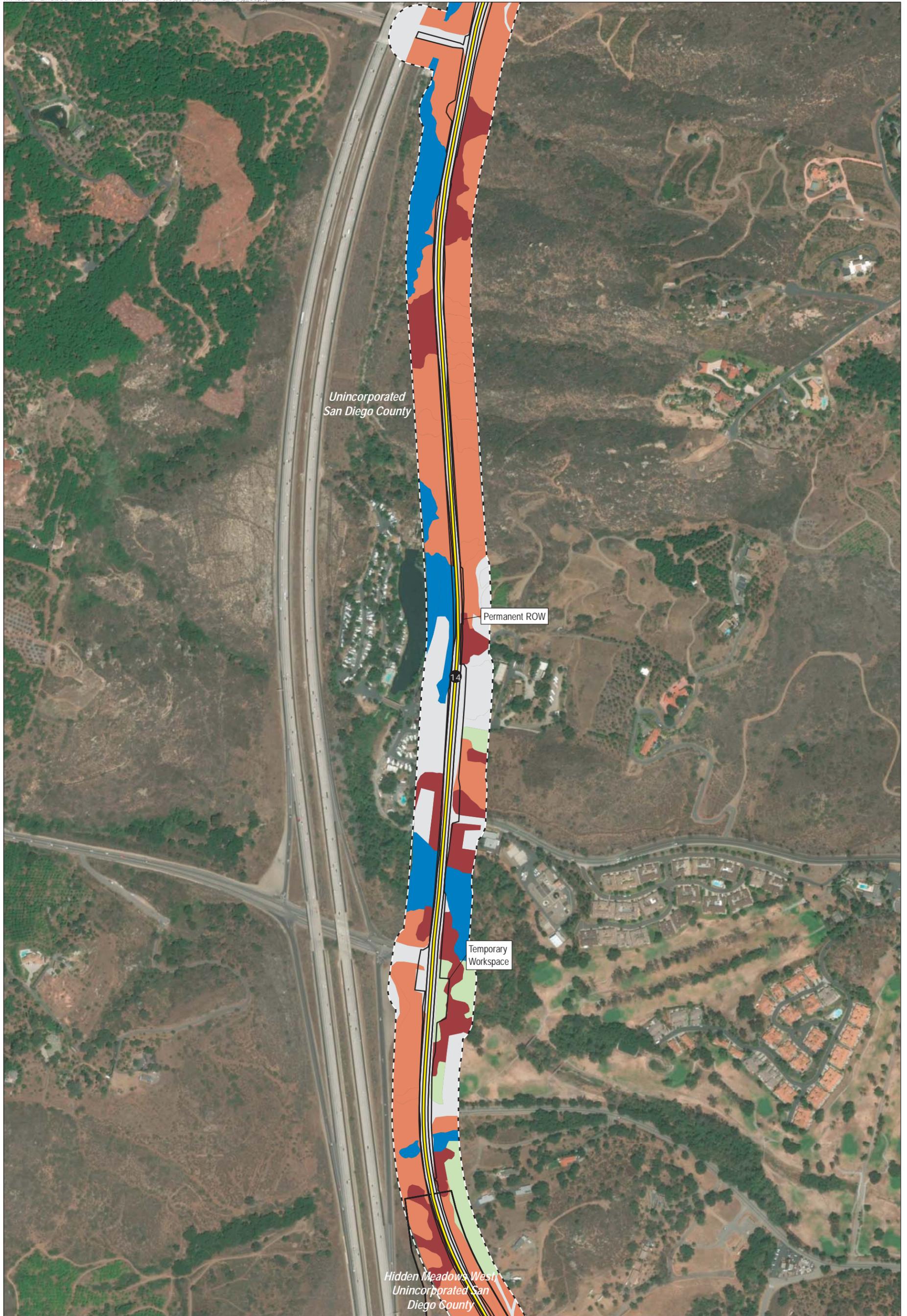


- ① Milepost
- Line 3602
- Bore Pits
- Workspace Boundary
- Biological Resources Survey Area
- Municipal Boundary
- PSRP - Plants

- Surveyed Vegetation - PSRP**
- Disturbed or Developed Habitat
 - Grasslands, Vernal Pools, Meadows, and Other Herb Communities
 - Riparian and Bottomland Habitat
 - Scrub and Chaparral
 - Woodland

Key:
 ROW Right-of-Way

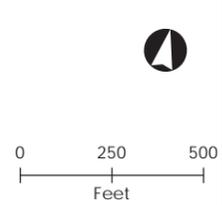
Appendix E
**Vegetation Communities and
 Special Status Plants in the
 Biological Resources Survey Area**
 Page 10 of 61
 Pipeline Safety and Reliability
 Project - New Natural Gas
 Line 3602 and De-rating
 Line 1600
 San Diego County, CA



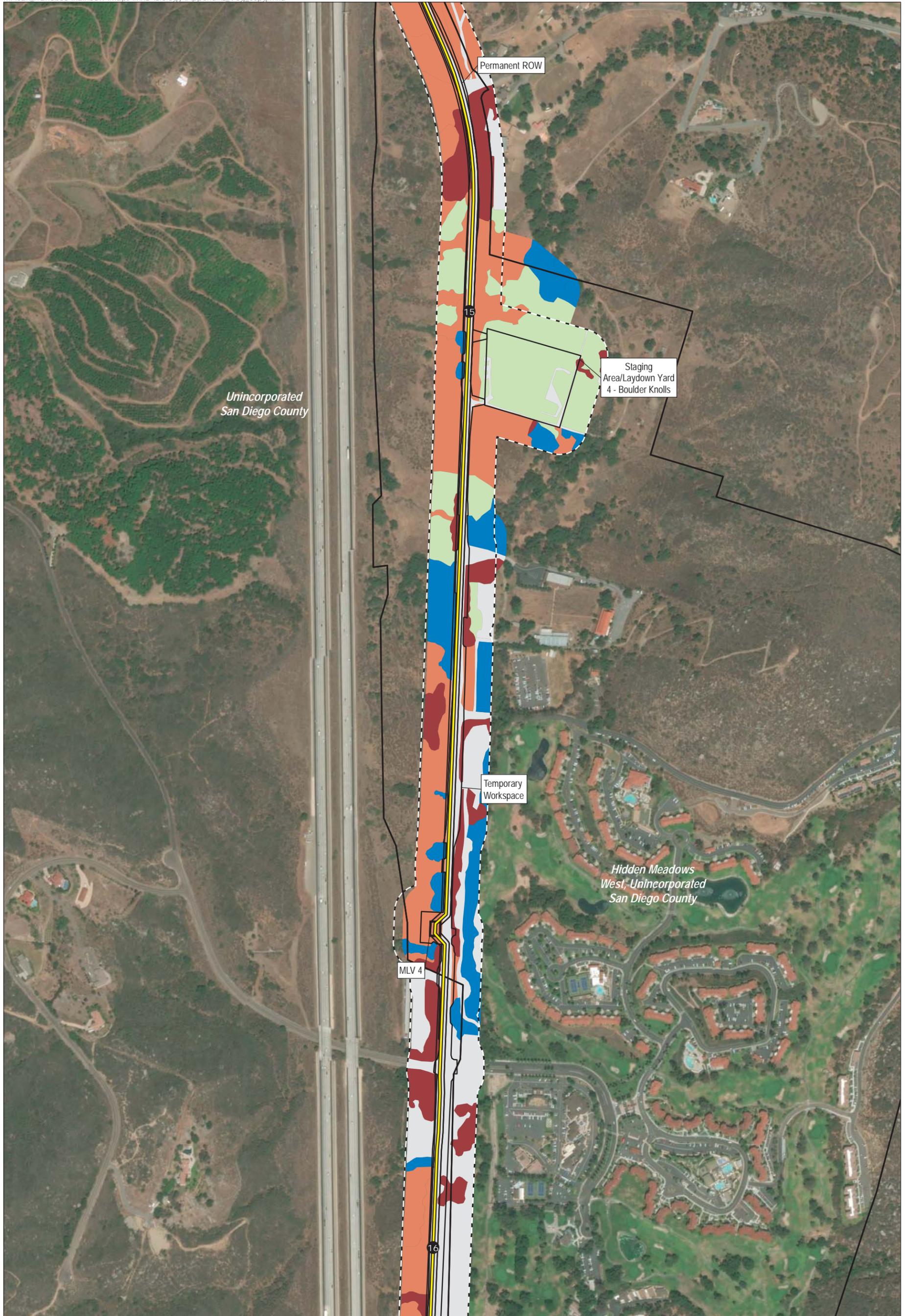
- ① Milepost
- Line 3602
- Workspace Boundary
- Biological Resources Survey Area
- Municipal Boundary
- Surveyed Vegetation - PSRP
- Disturbed or Developed Habitat

- Grasslands, Vernal Pools, Meadows, and Other Herb Communities
- Riparian and Bottomland Habitat
- Scrub and Chaparral
- Woodland

Key:
ROW Right-of-Way



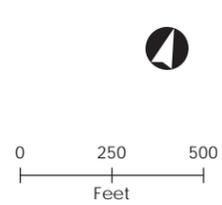
Appendix E
Vegetation Communities and Special Status Plants in the Biological Resources Survey Area
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 Pipeline Safety and Reliability Project - New Natural Gas Line 3602 and De-rating Line 1600
 San Diego County, CA



- ① Milepost
- Line 3602
- Workspace Boundary
- - - Biological Resources Survey Area
- Municipal Boundary
- Surveyed Vegetation - PSRP
- Disturbed or Developed Habitat

- Grasslands, Vernal Pools, Meadows, and Other Herb Communities
- Riparian and Bottomland Habitat
- Scrub and Chaparral
- Woodland

Key:
ROW Right-of-Way



Appendix E
Vegetation Communities and Special Status Plants in the Biological Resources Survey Area
 Page 12 of 61
 Pipeline Safety and Reliability Project - New Natural Gas Line 3602 and De-rating Line 1600
 San Diego County, CA



- ① Milepost
- Line 3602
- Workspace Boundary
- - - Biological Resources Survey Area
- Municipal Boundary
- PSRP - Plants

- Surveyed Vegetation - PSRP**
- Disturbed or Developed Habitat
 - Grasslands, Vernal Pools, Meadows, and Other Herb Communities
 - Riparian and Bottomland Habitat
 - Scrub and Chaparral
 - Woodland

Key:
 ROW Right-of-Way

Appendix E
Vegetation Communities and Special Status Plants in the Biological Resources Survey Area
 Page 13 of 61
 Pipeline Safety and Reliability Project - New Natural Gas Line 3602 and De-rating Line 1600
 San Diego County, CA



- ① Milepost
- Line 3602
- Workspace Boundary
- - - Biological Resources Survey Area
- Municipal Boundary
- PSRP - Plants

- Surveyed Vegetation - PSRP**
- Disturbed or Developed Habitat
 - Grasslands, Vernal Pools, Meadows, and Other Herb Communities
 - Riparian and Bottomland Habitat
 - Scrub and Chaparral
 - Woodland

Key:
 ROW Right-of-Way

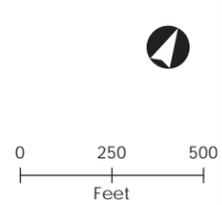
Appendix E
**Vegetation Communities and
 Special Status Plants in the
 Biological Resources Survey Area**
 Page 14 of 61
 Pipeline Safety and Reliability
 Project - New Natural Gas
 Line 3602 and De-rating
 Line 1600
 San Diego County, CA



- ① Milepost
- Line 3602
- ▭ Workspace Boundary
- - - Biological Resources Survey Area
- ▭ Municipal Boundary
- Surveyed Vegetation - PSRP
- ▭ Disturbed or Developed Habitat

- ▭ Grasslands, Vernal Pools, Meadows, and Other Herb Communities
- ▭ Riparian and Bottomland Habitat
- ▭ Scrub and Chaparral
- ▭ Woodland

Key:
ROW Right-of-Way



Appendix E
Vegetation Communities and Special Status Plants in the Biological Resources Survey Area
 Page 15 of 61
 Pipeline Safety and Reliability Project - New Natural Gas Line 3602 and De-rating Line 1600
 San Diego County, CA



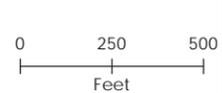
- ① Milepost
- Line 3602
- Workspace Boundary
- - - Biological Resources Survey Area
- Municipal Boundary
- Surveyed Vegetation - PSRP
- Disturbed or Developed Habitat

- Grasslands, Vernal Pools, Meadows, and Other Herb Communities
- Riparian and Bottomland Habitat
- Scrub and Chaparral
- Woodland

Key:
 ROW Right-of-Way

Appendix E
**Vegetation Communities and
 Special Status Plants in the
 Biological Resources Survey Area**
 Page 16 of 61
 Pipeline Safety and Reliability
 Project - New Natural Gas
 Line 3602 and De-rating
 Line 1600
 San Diego County, CA

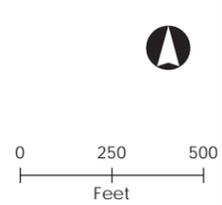


<ul style="list-style-type: none"> ① Milepost — Line 3602 □ Bore Pits □ Workspace Boundary - - - Biological Resources Survey Area □ Municipal Boundary Surveyed Vegetation - PSRP □ Bog and Marsh 	<ul style="list-style-type: none"> □ Disturbed or Developed Habitat □ Grasslands, Vernal Pools, Meadows, and Other Herb Communities □ Riparian and Bottomland Habitat □ Scrub and Chaparral □ Woodland 	<p>Key: ROW Right-of-Way</p> 
		

Appendix E
Vegetation Communities and
Special Status Plants in the
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 Pipeline Safety and Reliability
 Project - New Natural Gas
 Line 3602 and De-rating
 Line 1600
 San Diego County, CA



-  Workspace Boundary
-  Biological Resources Survey Area
-  Municipal Boundary



Appendix E
**Vegetation Communities and
 Special Status Plants in the
 Biological Resources Survey Area**
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 Pipeline Safety and Reliability
 Project - New Natural Gas
 Line 3602 and De-rating
 Line 1600
 San Diego County, CA



- ① Milepost
- Line 3602
- Tie-Ins & Extensions
- BORE PITS
- Workspace Boundary
- Biological Resources Survey Area
- Municipal Boundary

- Surveyed Vegetation - PSRP**
- Disturbed or Developed Habitat
 - Grasslands, Vernal Pools, Meadows, and Other Herb Communities
 - Riparian and Bottomland Habitat
 - Woodland

Key:
ROW Right-of-Way

0 250 500
Feet

Appendix E
Vegetation Communities and Special Status Plants in the Biological Resources Survey Area
 Page 19 of 61
 Pipeline Safety and Reliability Project - New Natural Gas Line 3602 and De-rating Line 1600
 San Diego County, CA



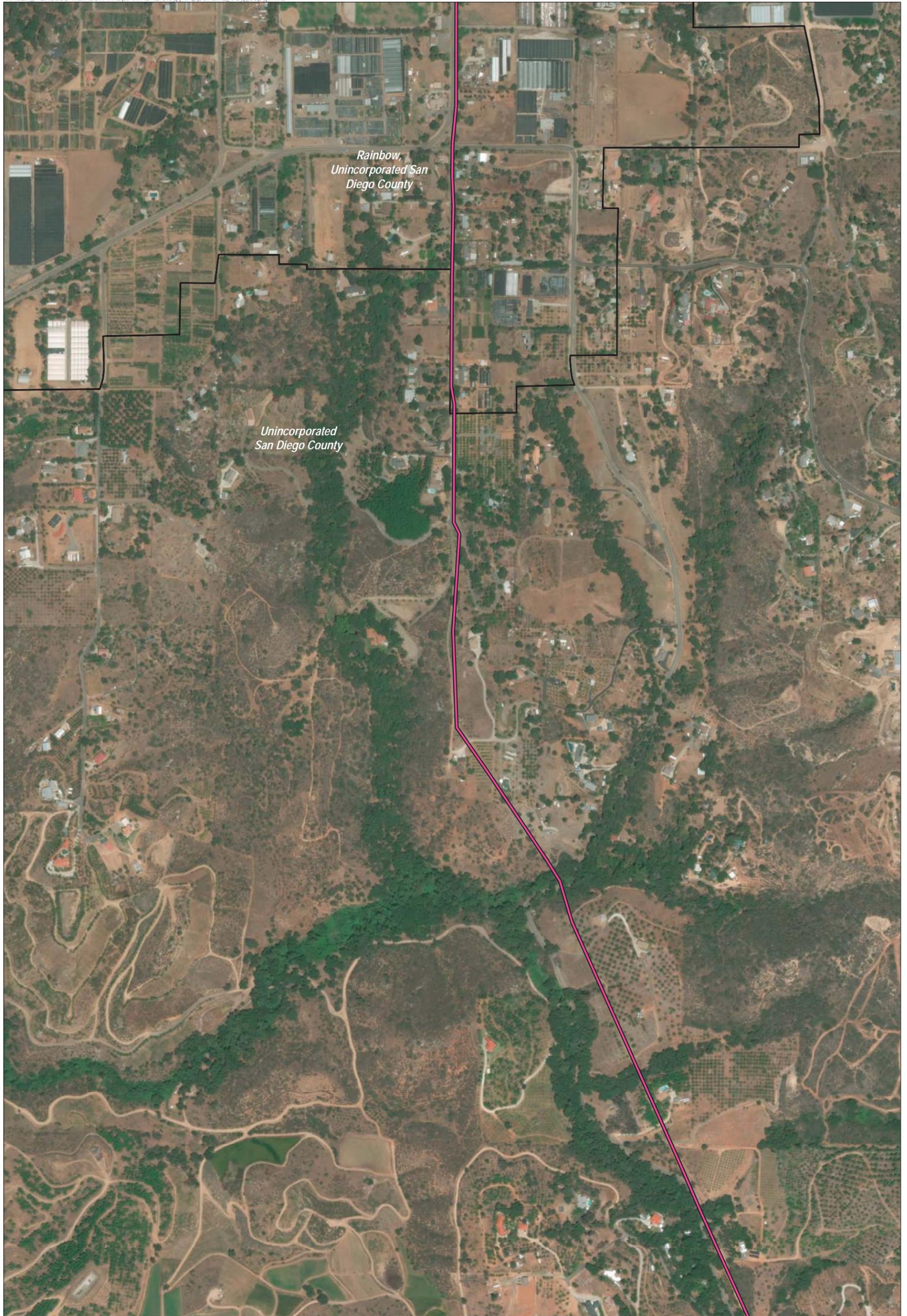
- ① Milepost
- Line 3602
- Tie-Ins & Extensions
- Bore Pits
- Workspace Boundary
- Biological Resources Survey Area

- Municipal Boundary
- Surveyed Vegetation - PSRP
- Disturbed or Developed Habitat
- Woodland

Key:
 MLV Mainline Valve
 ROW Right-of-Way

0 250 500
 Feet

Appendix E
**Vegetation Communities and
 Special Status Plants in the
 Biological Resources Survey Area**
 Page 20 of 61
 Pipeline Safety and Reliability
 Project - New Natural Gas
 Line 3602 and De-rating
 Line 1600
 San Diego County, CA



Existing Pipelines
 Existing Line 1600
 Municipal Boundary

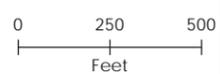


0 250 500
 Feet

Appendix E
**Vegetation Communities and
 Special Status Plants in the
 Biological Resources Survey Area**
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 Pipeline Safety and Reliability
 Project - New Natural Gas
 Line 3602 and De-rating
 Line 1600
 San Diego County, CA



Existing Pipelines
 — Existing Line 1600
 □ Municipal Boundary



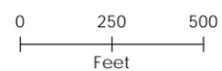
Appendix E
**Vegetation Communities and
 Special Status Plants in the
 Biological Resources Survey Area**
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 Pipeline Safety and Reliability
 Project - New Natural Gas
 Line 3602 and De-rating
 Line 1600
 San Diego County, CA



Unincorporated
San Diego County



Existing Pipelines
 Existing Line 1600
 Municipal Boundary



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**Vegetation Communities and
 Special Status Plants in the
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 Pipeline Safety and Reliability
 Project - New Natural Gas
 Line 3602 and De-rating
 Line 1600
 San Diego County, CA



Existing Pipelines

- Existing Line 1600
- Municipal Boundary

0 250 500
Feet

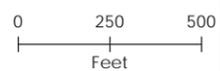
Appendix E
**Vegetation Communities and
 Special Status Plants in the
 Biological Resources Survey Area**
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 Pipeline Safety and Reliability
 Project - New Natural Gas
 Line 3602 and De-rating
 Line 1600
 San Diego County, CA



Unincorporated
San Diego County



- Existing Pipelines
-  Existing Line 1600
 -  Municipal Boundary



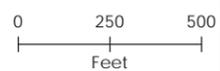
Appendix E
**Vegetation Communities and
 Special Status Plants in the
 Biological Resources Survey Area**
Page 25 of 61
 Pipeline Safety and Reliability
 Project - New Natural Gas
 Line 3602 and De-rating
 Line 1600
 San Diego County, CA



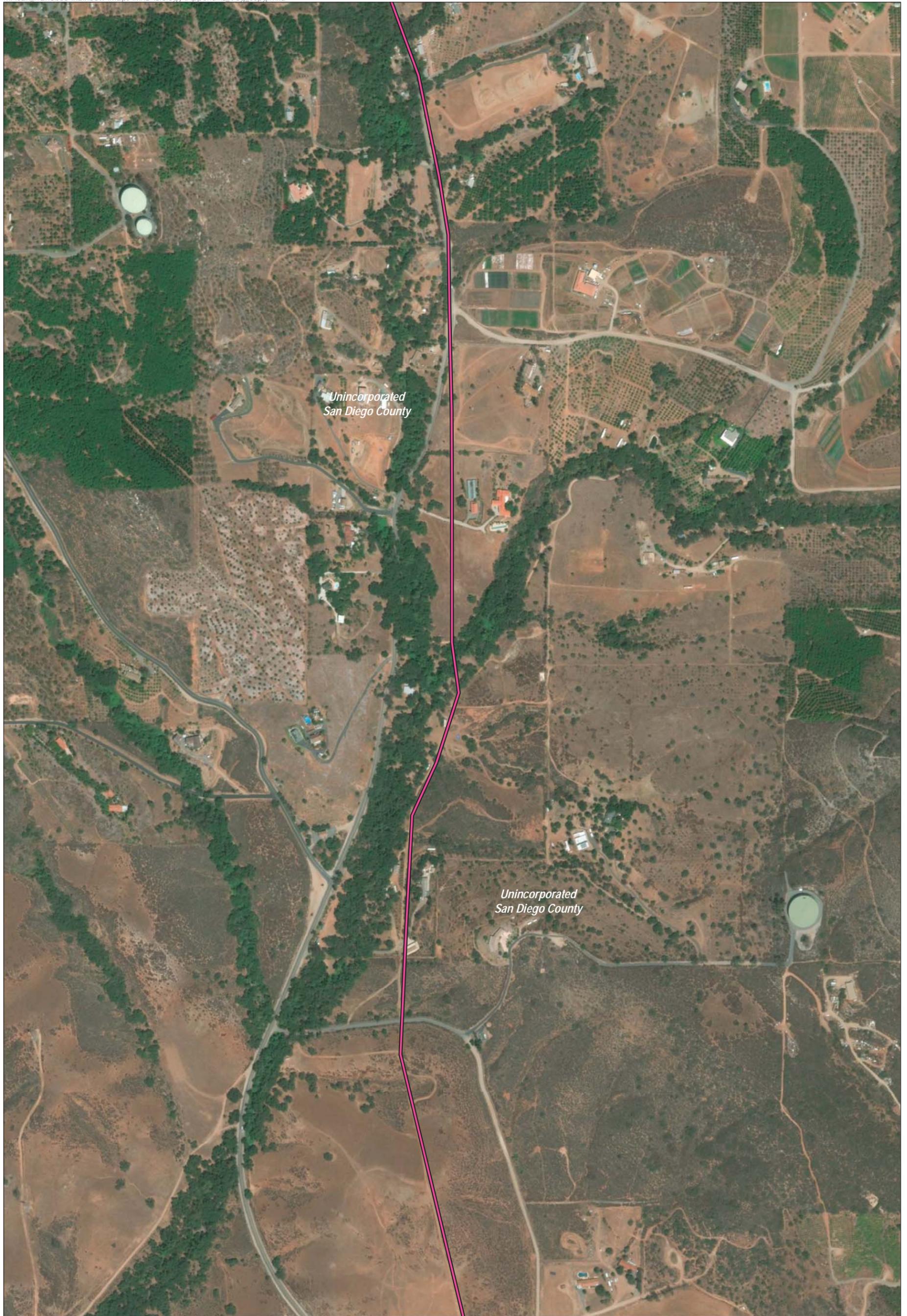
Unincorporated
San Diego
County



- Existing Pipelines
- Existing Line 1600
 - Municipal Boundary



Appendix E
**Vegetation Communities and
 Special Status Plants in the
 Biological Resources Survey Area**
 Page 26 of 61
 Pipeline Safety and Reliability
 Project - New Natural Gas
 Line 3602 and De-rating
 Line 1600
 San Diego County, CA



Existing Pipelines

- Existing Line 1600
- Municipal Boundary

0 250 500
Feet

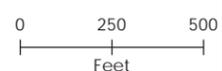
Appendix E
**Vegetation Communities and
 Special Status Plants in the
 Biological Resources Survey Area**
 Page 27 of 61
 Pipeline Safety and Reliability
 Project - New Natural Gas
 Line 3602 and De-rating
 Line 1600
 San Diego County, CA



Unincorporated
San Diego County



- Existing Pipelines
- Existing Line 1600
 - Municipal Boundary



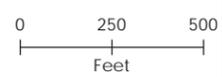
Appendix E
**Vegetation Communities and
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 Pipeline Safety and Reliability
 Project - New Natural Gas
 Line 3602 and De-rating
 Line 1600
 San Diego County, CA



Unincorporated
San Diego County



- Existing Pipelines
- Existing Line 1600
 - Municipal Boundary



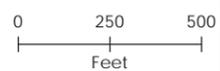
Appendix E
**Vegetation Communities and
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 Biological Resources Survey Area**
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 Project - New Natural Gas
 Line 3602 and De-rating
 Line 1600
 San Diego County, CA



Unincorporated
San Diego
County



- Existing Pipelines
- Existing Line 1600
 - Municipal Boundary



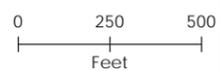
Appendix E
**Vegetation Communities and
 Special Status Plants in the
 Biological Resources Survey Area**
Page 30 of 61
 Pipeline Safety and Reliability
 Project - New Natural Gas
 Line 3602 and De-rating
 Line 1600
 San Diego County, CA



Unincorporated
San Diego County



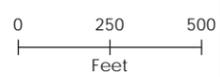
- Existing Pipelines
-  Existing Line 1600
 -  Municipal Boundary



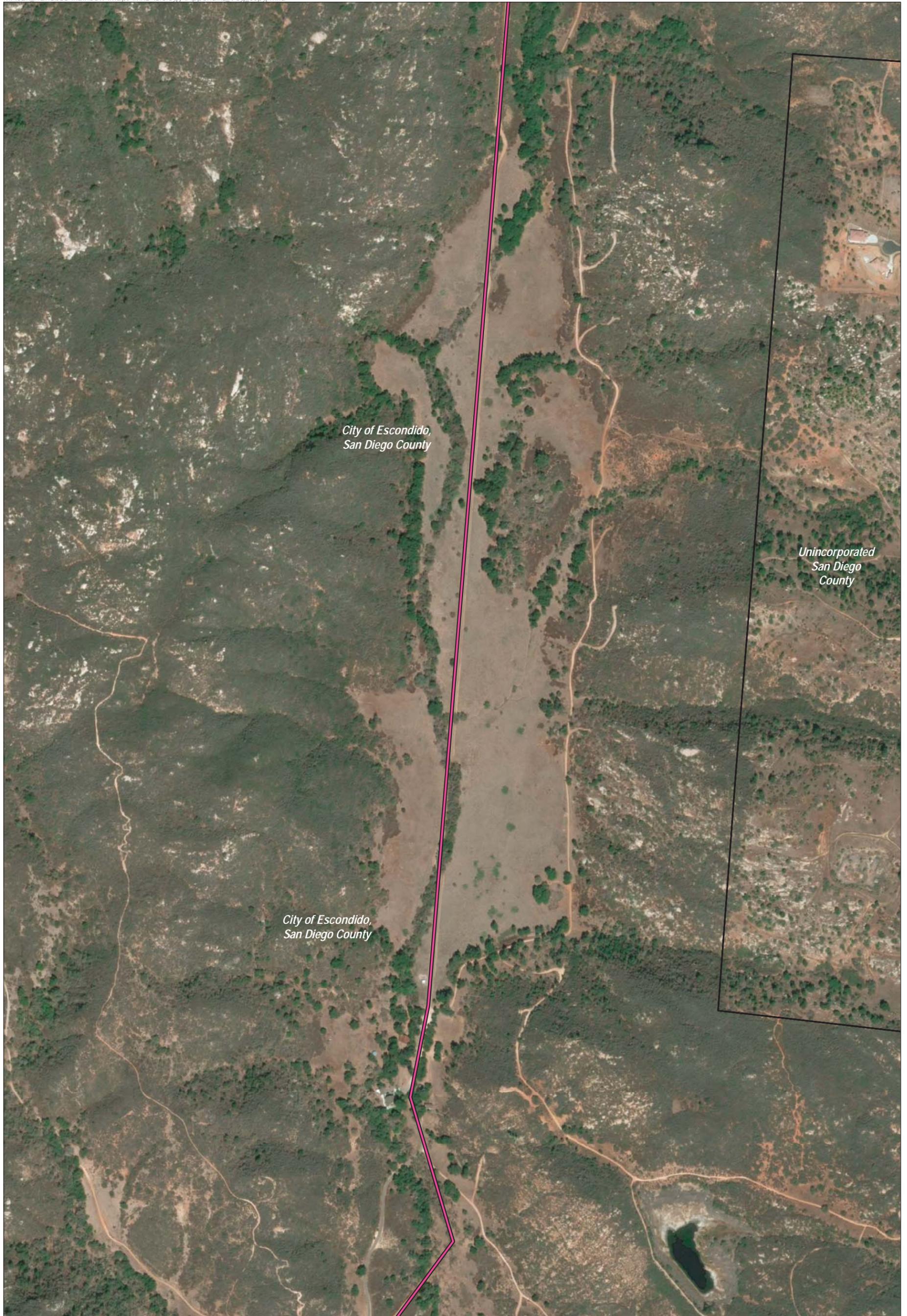
Appendix E
**Vegetation Communities and
 Special Status Plants in the
 Biological Resources Survey Area**
Page 31 of 61
 Pipeline Safety and Reliability
 Project - New Natural Gas
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 Line 1600
 San Diego County, CA



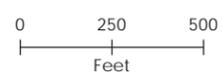
Existing Pipelines
 Existing Line 1600
 Municipal Boundary



Appendix E
**Vegetation Communities and
 Special Status Plants in the
 Biological Resources Survey Area**
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 Pipeline Safety and Reliability
 Project - New Natural Gas
 Line 3602 and De-rating
 Line 1600
 San Diego County, CA



Existing Pipelines
 Existing Line 1600
 Municipal Boundary



Appendix E
**Vegetation Communities and
 Special Status Plants in the
 Biological Resources Survey Area**
 Page 33 of 61
 Pipeline Safety and Reliability
 Project - New Natural Gas
 Line 3602 and De-rating
 Line 1600
 San Diego County, CA



Existing Pipelines

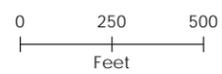
- Existing Line 1600
- Municipal Boundary

0 250 500
Feet

Appendix E
**Vegetation Communities and
 Special Status Plants in the
 Biological Resources Survey Area**
Page 34 of 61
 Pipeline Safety and Reliability
 Project - New Natural Gas
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 Line 1600
 San Diego County, CA



Existing Pipelines
— Existing Line 1600
 Municipal Boundary



Appendix E
**Vegetation Communities and
 Special Status Plants in the
 Biological Resources Survey Area**
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 Pipeline Safety and Reliability
 Project - New Natural Gas
 Line 3602 and De-rating
 Line 1600
 San Diego County, CA



Existing Pipelines

- Existing Line 1600
- Municipal Boundary

0 250 500
Feet

Appendix E
**Vegetation Communities and
 Special Status Plants in the
 Biological Resources Survey Area**
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 Pipeline Safety and Reliability
 Project - New Natural Gas
 Line 3602 and De-rating
 Line 1600
 San Diego County, CA



- Existing Pipelines**
- Existing Line 1600
 - Workspace Boundary
 - Biological Resources Survey Area
 - Municipal Boundary

- Surveyed Vegetation - PSRP**
- Disturbed or Developed Habitat
 - Woodland



Appendix E
Vegetation Communities and Special Status Plants in the Biological Resources Survey Area
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 Pipeline Safety and Reliability Project - New Natural Gas Line 3602 and De-rating Line 1600
 San Diego County, CA



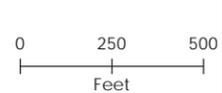
- ① Milepost
- Line 3602
- Existing Pipelines**
- Existing Line 1600
- Workspace Boundary
- - - Biological Resources Survey Area
- Municipal Boundary

- Surveyed Vegetation - PSRP**
- Disturbed or Developed Habitat
 - Grasslands, Vernal Pools, Meadows, and Other Herb Communities
 - Riparian and Bottomland Habitat
 - Woodland

Key:
 ROW Right-of-Way

Appendix E
Vegetation Communities and Special Status Plants in the Biological Resources Survey Area
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 Pipeline Safety and Reliability Project - New Natural Gas Line 3602 and De-rating Line 1600
 San Diego County, CA



<ul style="list-style-type: none"> 1 Milepost Line 3602 Existing Pipelines Existing Line 1600 Bore Pits Workspace Boundary Biological Resources Survey Area 	<ul style="list-style-type: none"> Municipal Boundary Surveyed Vegetation - PSRP Disturbed or Developed Habitat Grasslands, Vernal Pools, Meadows, and Other Herb Communities Riparian and Bottomland Habitat Woodland 	<p>Key: ROW Right-of-Way</p>  
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 Project - New Natural Gas
 Line 3602 and De-rating
 Line 1600
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- ① Milepost
- Line 3602
- Tie-Ins & Extensions
- Existing Pipelines
- Existing Line 1600
- Workspace Boundary
- - - Biological Resources Survey Area
- Municipal Boundary

- Surveyed Vegetation - PSRP
- Bog and Marsh
 - Disturbed or Developed Habitat
 - Grasslands, Vernal Pools, Meadows, and Other Herb Communities
 - Riparian and Bottomland Habitat
 - Scrub and Chaparral
 - Woodland

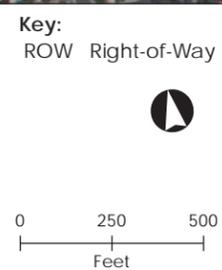
Key:
 ROW Right-of-Way

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Vegetation Communities and Special Status Plants in the Biological Resources Survey Area
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 Pipeline Safety and Reliability Project - New Natural Gas Line 3602 and De-rating Line 1600
 San Diego County, CA



- ① Milepost
- Line 3602
- Tie-Ins & Extensions
- Existing Pipelines
- Existing Line 1600
- Workspace Boundary
- Biological Resources Survey Area
- Municipal Boundary
- PSRP - Plants

- Surveyed Vegetation - PSRP
- Bog and Marsh
 - Disturbed or Developed Habitat
 - Grasslands, Vernal Pools, Meadows, and Other Herb Communities
 - Riparian and Bottomland Habitat
 - Scrub and Chaparral
 - Woodland



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 San Diego County, CA



<ul style="list-style-type: none"> ① Milepost — Line 3602 Existing Pipelines — Existing Line 1600 □ Workspace Boundary --- Biological Resources Survey Area 	<ul style="list-style-type: none"> □ Municipal Boundary Surveyed Vegetation - PSRP □ Disturbed or Developed Habitat □ Scrub and Chaparral □ Woodland 	<p>Key: ROW Right-of-Way</p>  <p>0 250 500 Feet</p>
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 Pipeline Safety and Reliability
 Project - New Natural Gas
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 Line 1600
 San Diego County, CA

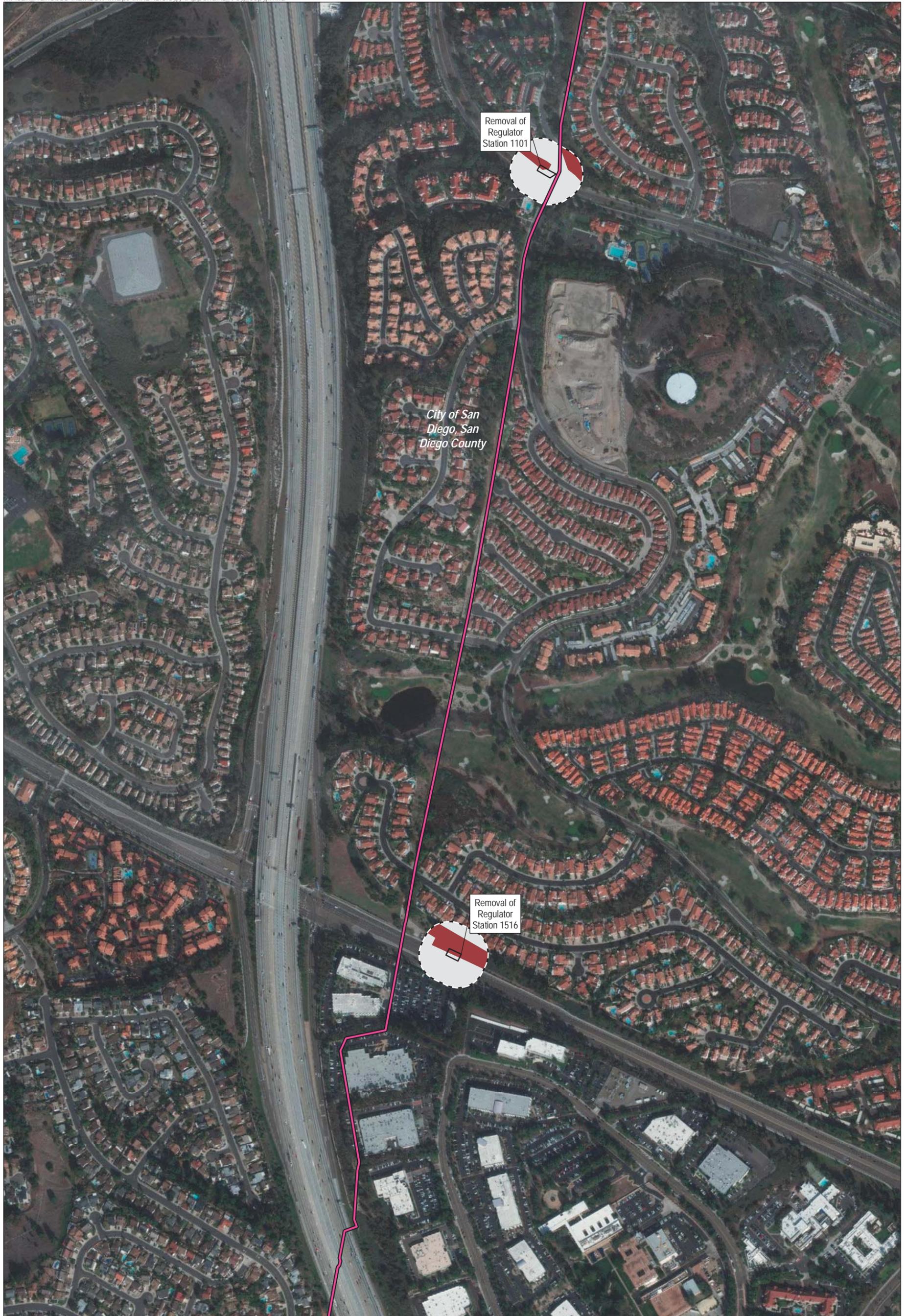


- ① Milepost
- Line 3602
- Distribution System Modification
- Existing Pipelines
- Existing Line 1600
- Workspace Boundary
- Biological Resources Survey Area

- Municipal Boundary
- Surveyed Vegetation - PSRP
- Disturbed or Developed Habitat
- Grasslands, Vernal Pools, Meadows, and Other Herb Communities
- Riparian and Bottomland Habitat
- Woodland

Key:
 ROW Right-of-Way

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 San Diego County, CA



City of San Diego, San Diego County

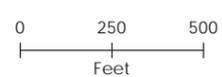
Removal of Regulator Station 1101

Removal of Regulator Station 1516

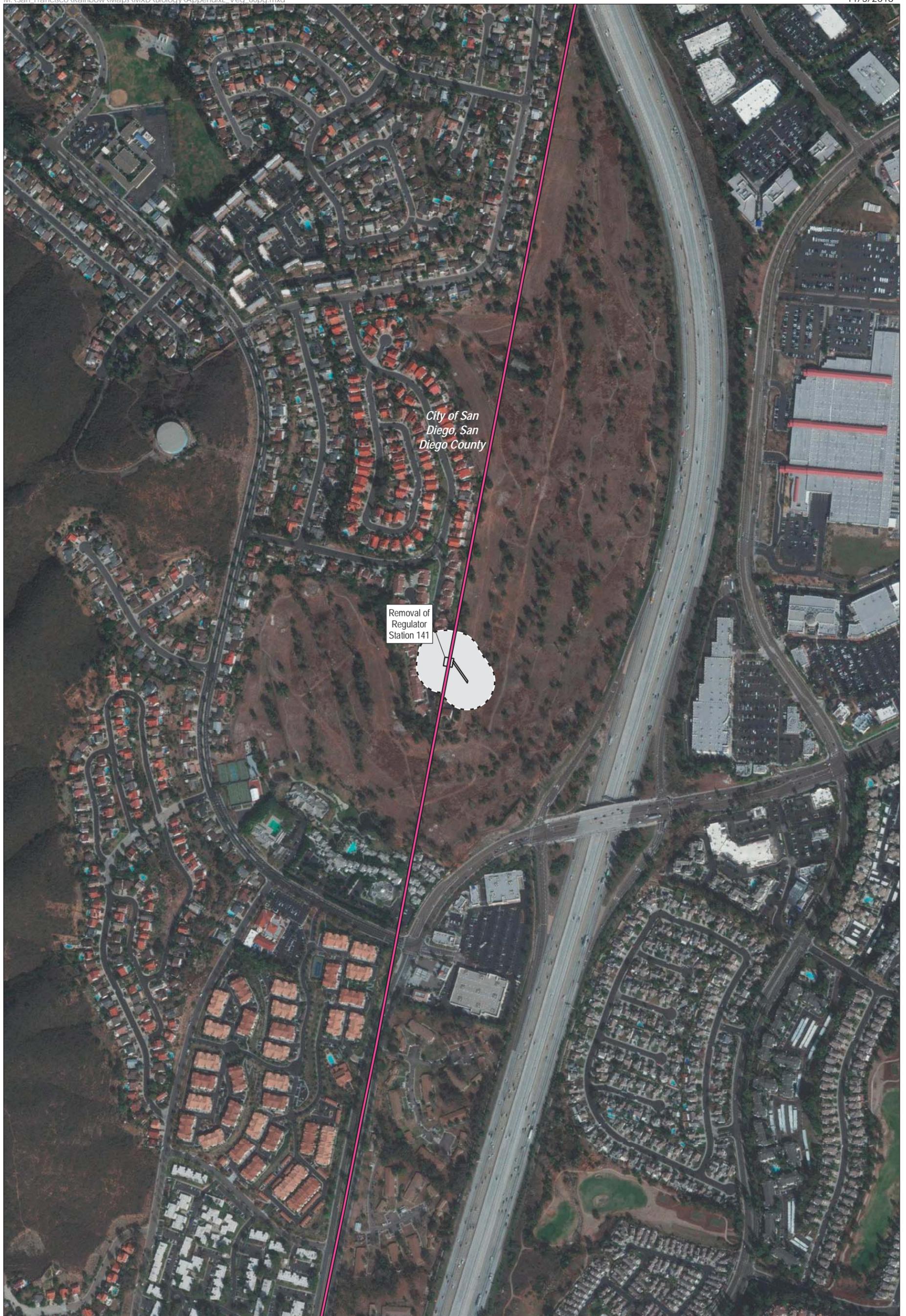


- Existing Pipelines**
- Existing Line 1600
 - Workspace Boundary
 - Biological Resources Survey Area
 - Municipal Boundary

- Surveyed Vegetation - PSRP**
- Disturbed or Developed Habitat
 - Woodland



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Vegetation Communities and Special Status Plants in the Biological Resources Survey Area
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 Pipeline Safety and Reliability Project - New Natural Gas Line 3602 and De-rating Line 1600
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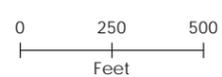
City of San Diego, San Diego County

Removal of Regulator Station 141

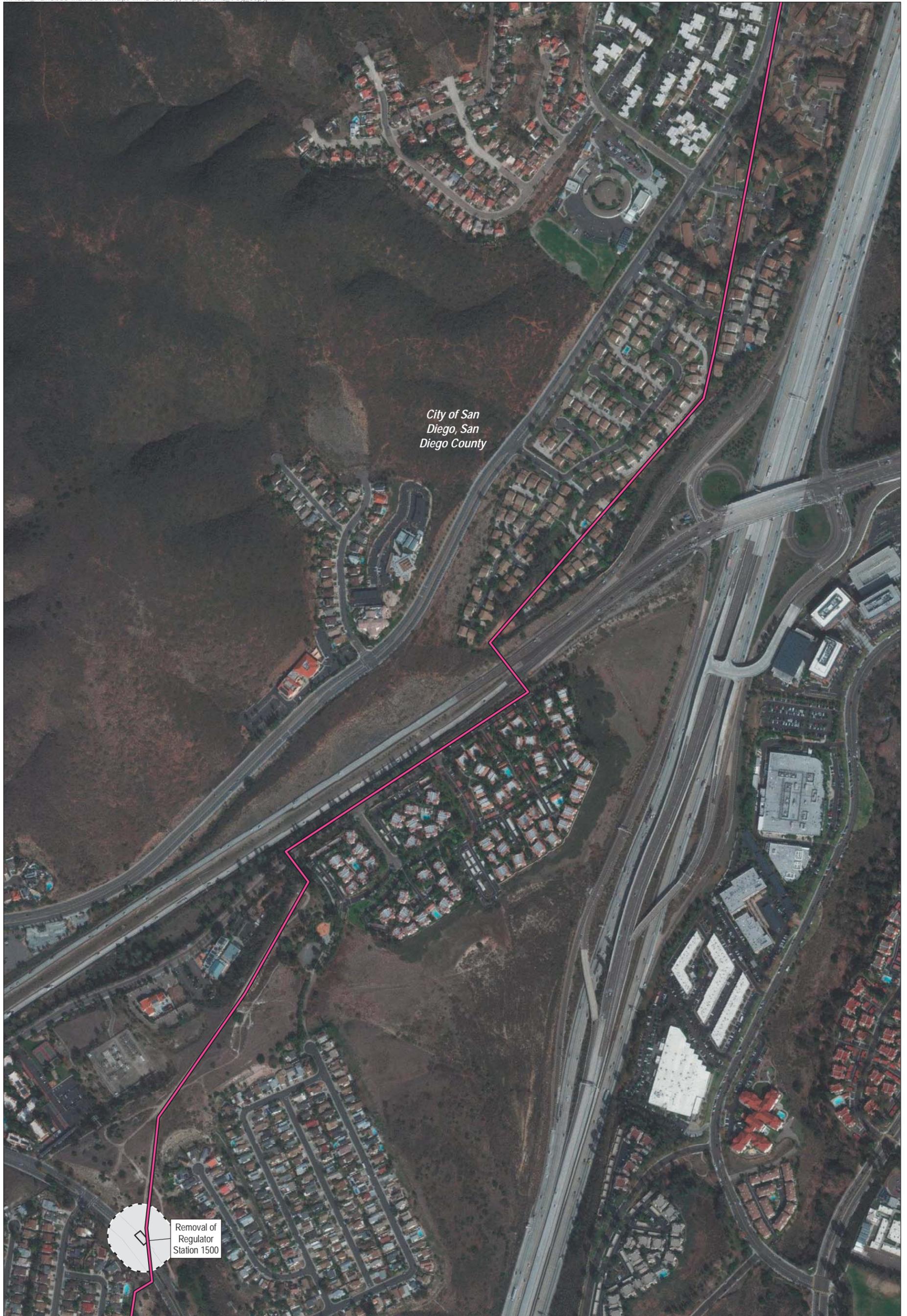


- Existing Pipelines**
- Existing Line 1600
 - Workspace Boundary
 - Biological Resources Survey Area
 - Municipal Boundary

- Surveyed Vegetation - PSRP**
- Disturbed or Developed Habitat



Appendix E
Vegetation Communities and Special Status Plants in the Biological Resources Survey Area
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 Pipeline Safety and Reliability Project - New Natural Gas Line 3602 and De-rating Line 1600
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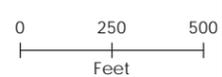
City of San Diego, San Diego County

Removal of Regulator Station 1500

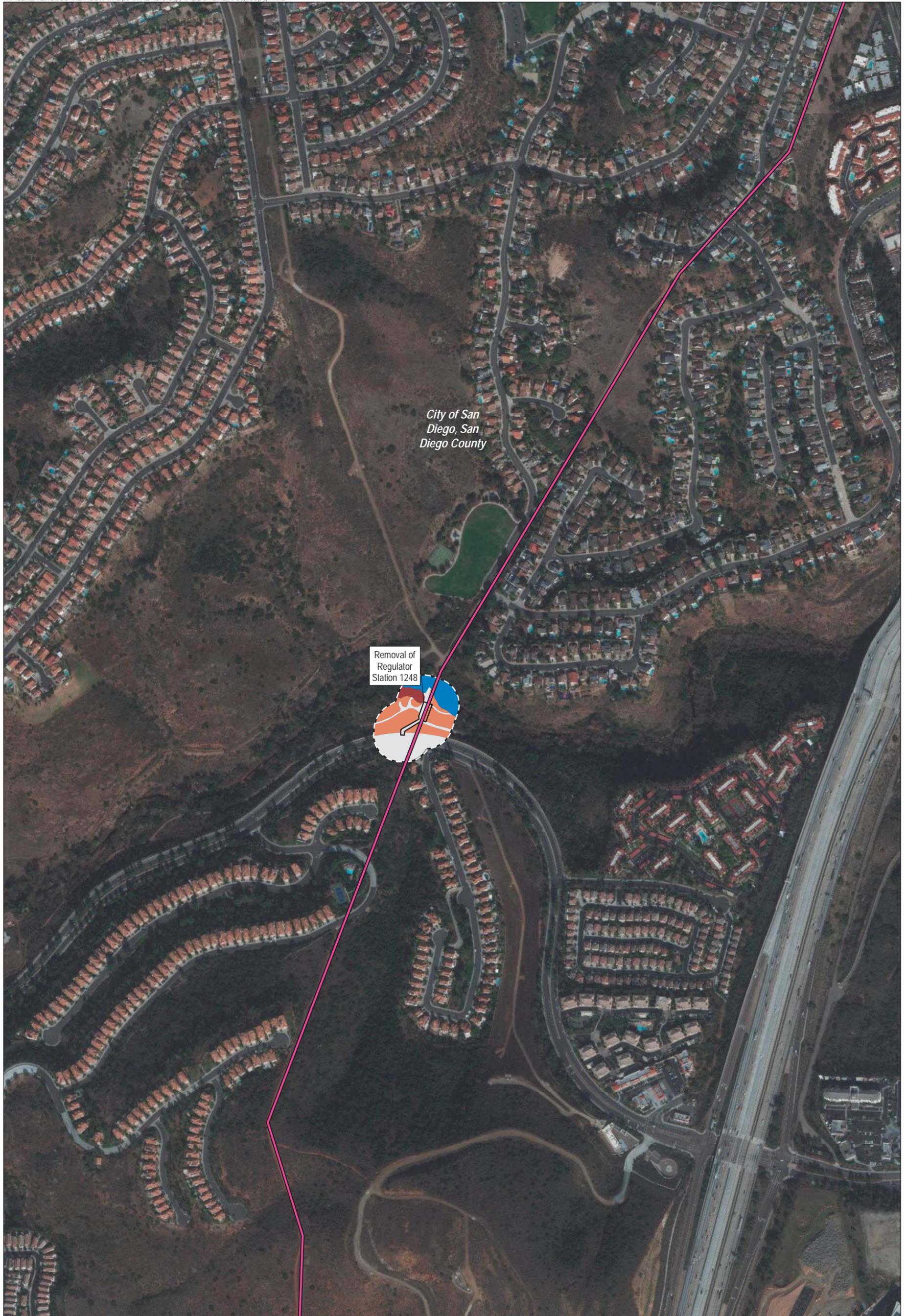


- Existing Pipelines**
- Existing Line 1600
 - Workspace Boundary
 - Biological Resources Survey Area
 - Municipal Boundary

- Surveyed Vegetation - PSRP**
- Disturbed or Developed Habitat



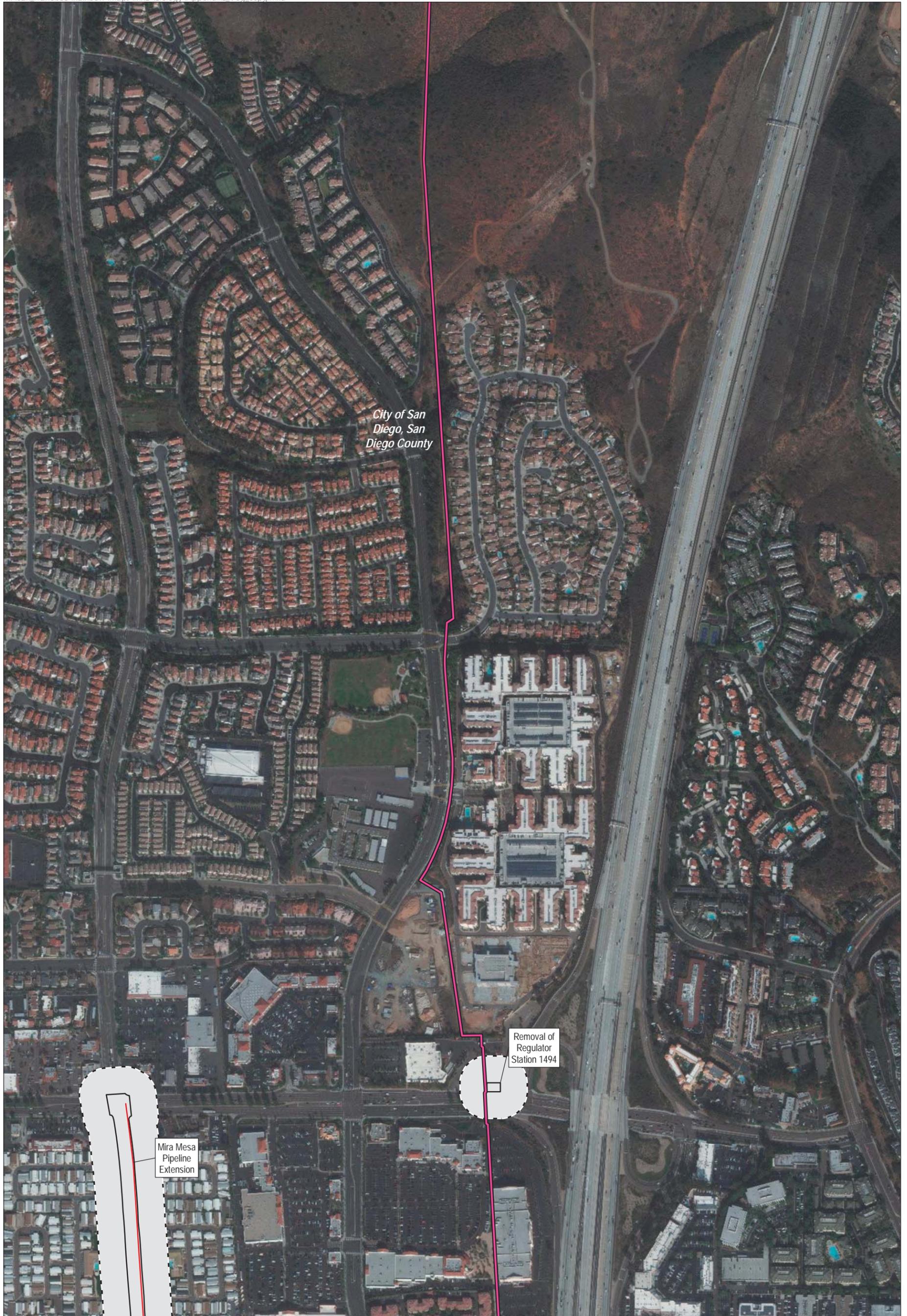
Appendix E
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 Pipeline Safety and Reliability Project - New Natural Gas Line 3602 and De-rating Line 1600
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<p>Existing Pipelines</p> <ul style="list-style-type: none"> Existing Line 1600 Workspace Boundary Biological Resources Survey Area Municipal Boundary 	<p>Surveyed Vegetation - PSRP</p> <ul style="list-style-type: none"> Disturbed or Developed Habitat Riparian and Bottomland Habitat Scrub and Chaparral Woodland
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0 250 500
Feet

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 Pipeline Safety and Reliability
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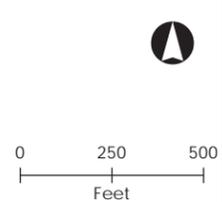


<p>SAN DIEGO COUNTY</p>	<p>— Distribution System Modification</p> <p>Existing Pipelines</p> <p>— Existing Line 1600</p> <p>□ Workspace Boundary</p> <p>□ Biological Resources Survey Area</p> <p>□ Municipal Boundary</p>	<p>Surveyed Vegetation - PSRP</p> <p>■ Disturbed or Developed Habitat</p>	<p>Appendix E Vegetation Communities and Special Status Plants in the Biological Resources Survey Area Page 48 of 61 Pipeline Safety and Reliability Project - New Natural Gas Line 3602 and De-rating Line 1600 San Diego County, CA</p>
	<p>0 250 500 Feet</p>		



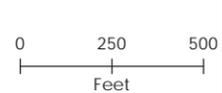
- Distribution System Modification
- Existing Pipelines
- Existing Line 1600
- Workspace Boundary
- Biological Resources Survey Area
- MCAS Miramar
- Municipal Boundary

- Surveyed Vegetation - PSRP
- Bog and Marsh
 - Disturbed or Developed Habitat
 - Grasslands, Vernal Pools, Meadows, and Other Herb Communities
 - Riparian and Bottomland Habitat
 - Scrub and Chaparral
 - Woodland



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Vegetation Communities and Special Status Plants in the Biological Resources Survey Area
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 Pipeline Safety and Reliability Project - New Natural Gas Line 3602 and De-rating Line 1600
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<ul style="list-style-type: none"> — Distribution System Modification — Existing Pipelines Existing Line 1600 Workspace Boundary Biological Resources Survey Area MCAS Miramar Municipal Boundary 	<p>Surveyed Vegetation - PSRP</p> <ul style="list-style-type: none"> ■ Bog and Marsh ■ Disturbed or Developed Habitat ■ Grasslands, Vernal Pools, Meadows, and Other Herb Communities ■ Riparian and Bottomland Habitat ■ Scrub and Chaparral ■ Woodland 	
		

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 Pipeline Safety and Reliability
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 Line 1600
 San Diego County, CA



Existing Pipelines		Disturbed or Developed Habitat
Existing Line 1600	Workspace Boundary	Grasslands, Vernal Pools, Meadows, and Other Herb Communities
Biological Resources Survey Area	MCAS Miramar	Riparian and Bottomland Habitat
Municipal Boundary	Surveyed Vegetation - PSRP	Scrub and Chaparral
Bog and Marsh		Woodland

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 Line 1600
 San Diego County, CA



- Milepost
- Line 3602
- Existing Pipelines**
- Existing Line 1600
- Workspace Boundary
- Biological Resources Survey Area
- Municipal Boundary

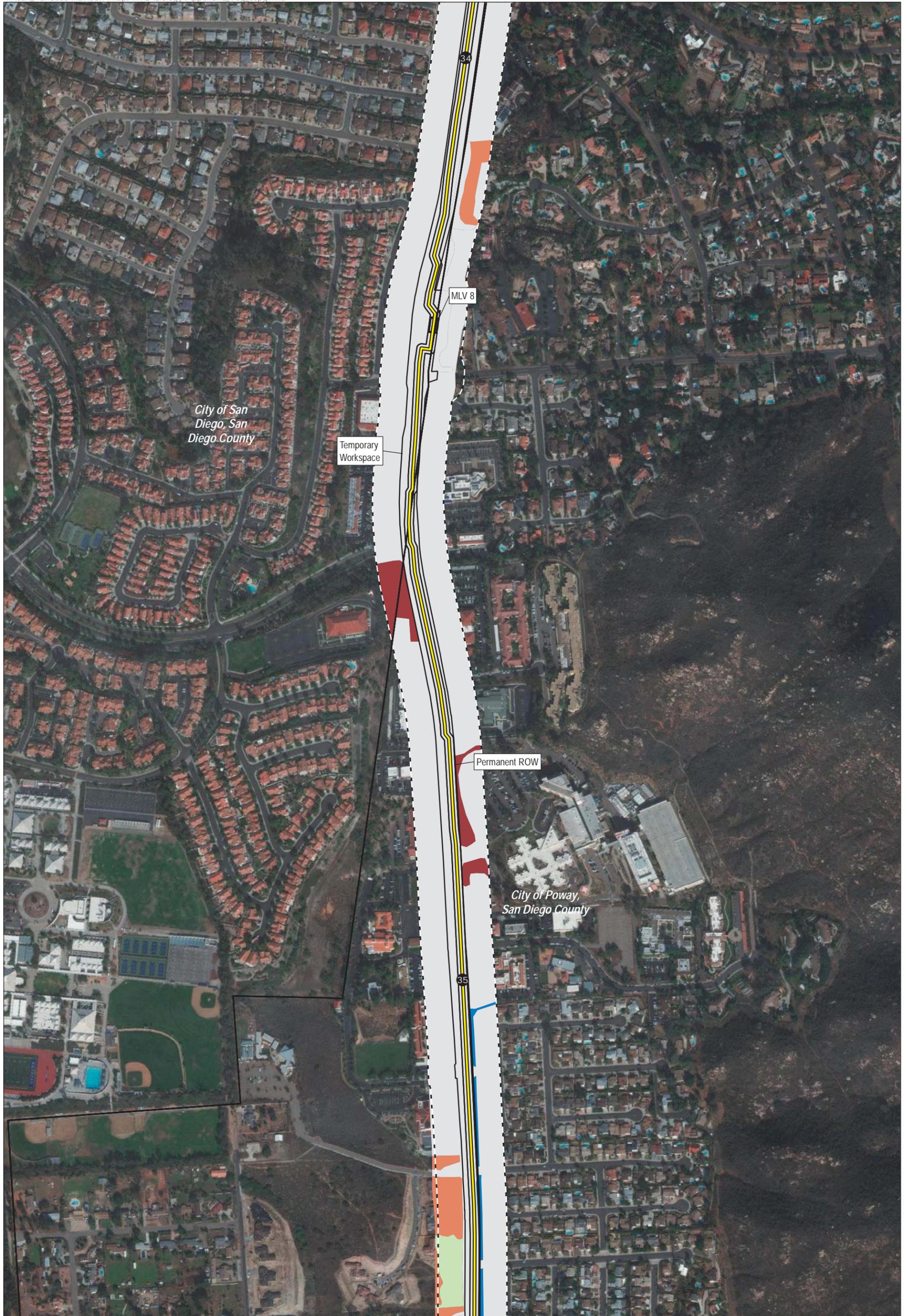
- Surveyed Vegetation - PSRP**
- Disturbed or Developed Habitat
 - Grasslands, Vernal Pools, Meadows, and Other Herb Communities
 - Riparian and Bottomland Habitat
 - Woodland

Key:
ROW Right-of-Way



0 250 500
Feet

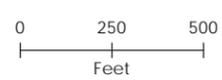
Appendix E
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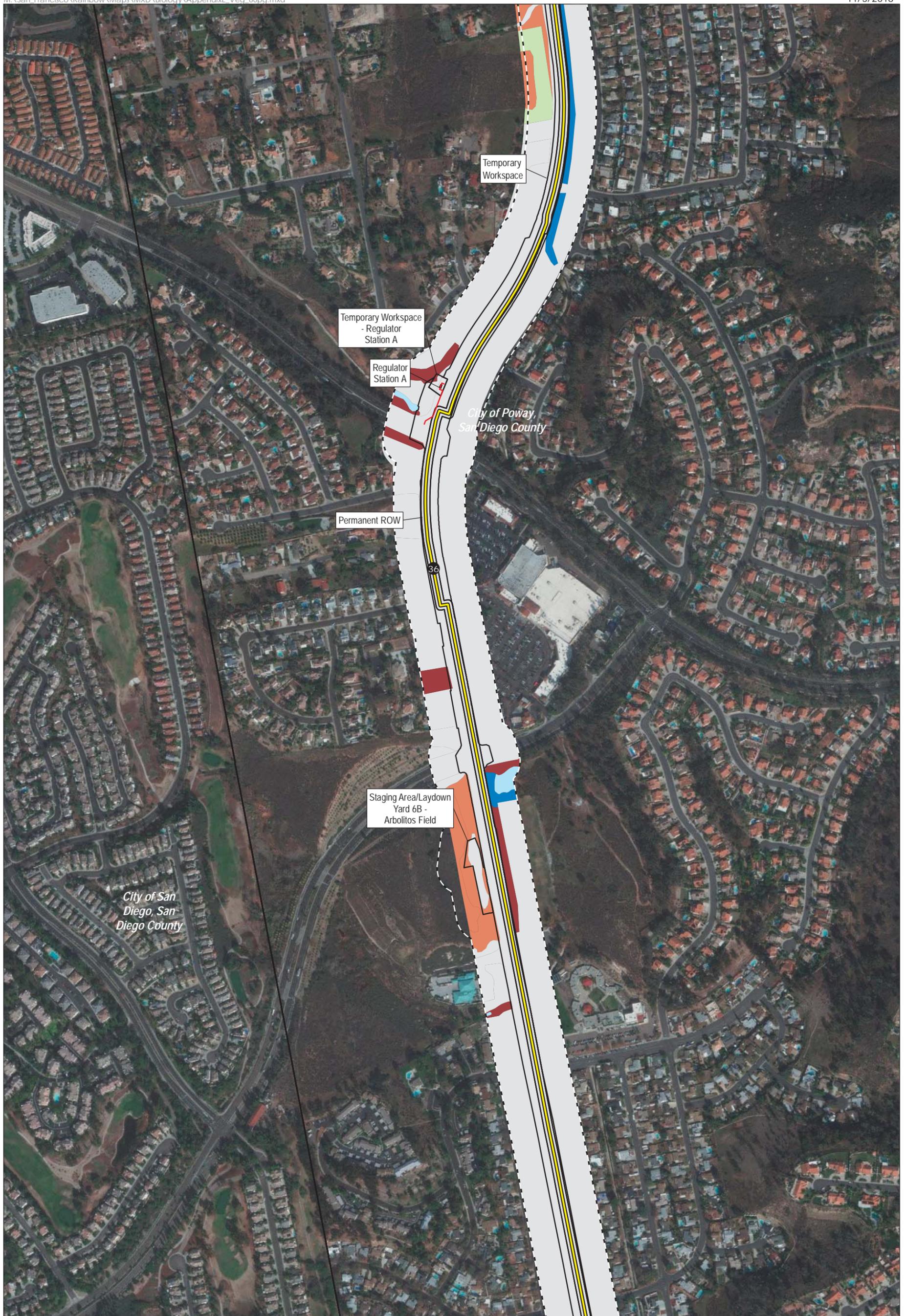
- ① Milepost
- Line 3602
- ▭ Workspace Boundary
- - - Biological Resources Survey Area
- ▭ Municipal Boundary
- ▭ Surveyed Vegetation - PSRP
- ▭ Disturbed or Developed Habitat

- ▭ Grasslands, Vernal Pools, Meadows, and Other Herb Communities
- ▭ Riparian and Bottomland Habitat
- ▭ Scrub and Chaparral
- ▭ Woodland

Key:
ROW Right-of-Way



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 San Diego County, CA



- ① Milepost
- Line 3602
- Distribution System Modification
- Workspace Boundary
- - - Biological Resources Survey Area
- Municipal Boundary
- Surveyed Vegetation - PSRP
- Bog and Marsh

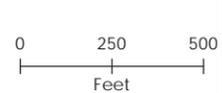
- Disturbed or Developed Habitat
- Grasslands, Vernal Pools, Meadows, and Other Herb Communities
- Riparian and Bottomland Habitat
- Scrub and Chaparral
- Woodland

Key:
 ROW Right-of-Way

0 250 500
 Feet

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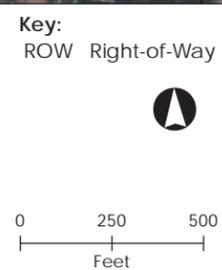
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 Project - New Natural Gas
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 Line 1600
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- ① Milepost
- Line 3602
- Tie-Ins & Extensions
- Workspace Boundary
- Biological Resources Survey Area
- Municipal Boundary
- PSRP - Plants

- Surveyed Vegetation - PSRP
- Bog and Marsh
 - Disturbed or Developed Habitat
 - Grasslands, Vernal Pools, Meadows, and Other Herb Communities
 - Riparian and Bottomland Habitat
 - Scrub and Chaparral
 - Woodland



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Vegetation Communities and Special Status Plants in the Biological Resources Survey Area
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 Pipeline Safety and Reliability Project - New Natural Gas Line 3602 and De-rating Line 1600
 San Diego County, CA



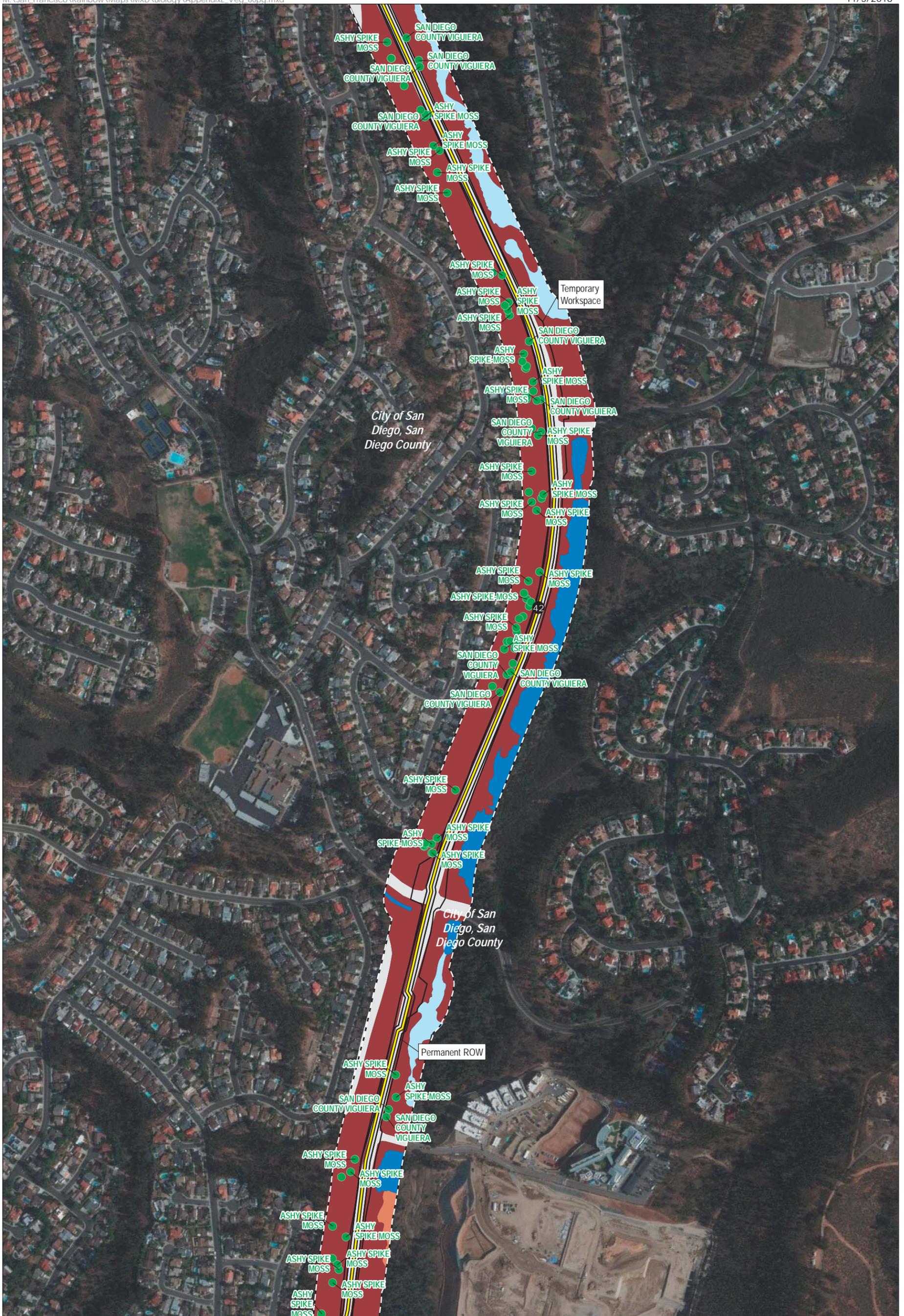
- ① Milepost
- Line 3602
- Workspace Boundary
- Biological Resources Survey Area
- MCAS Miramar
- Municipal Boundary
- PSRP - Plants

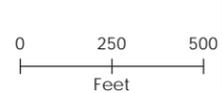
- Surveyed Vegetation - PSRP
- Bog and Marsh
 - Disturbed or Developed Habitat
 - Riparian and Bottomland Habitat
 - Scrub and Chaparral
 - Woodland

Key:
ROW Right-of-Way

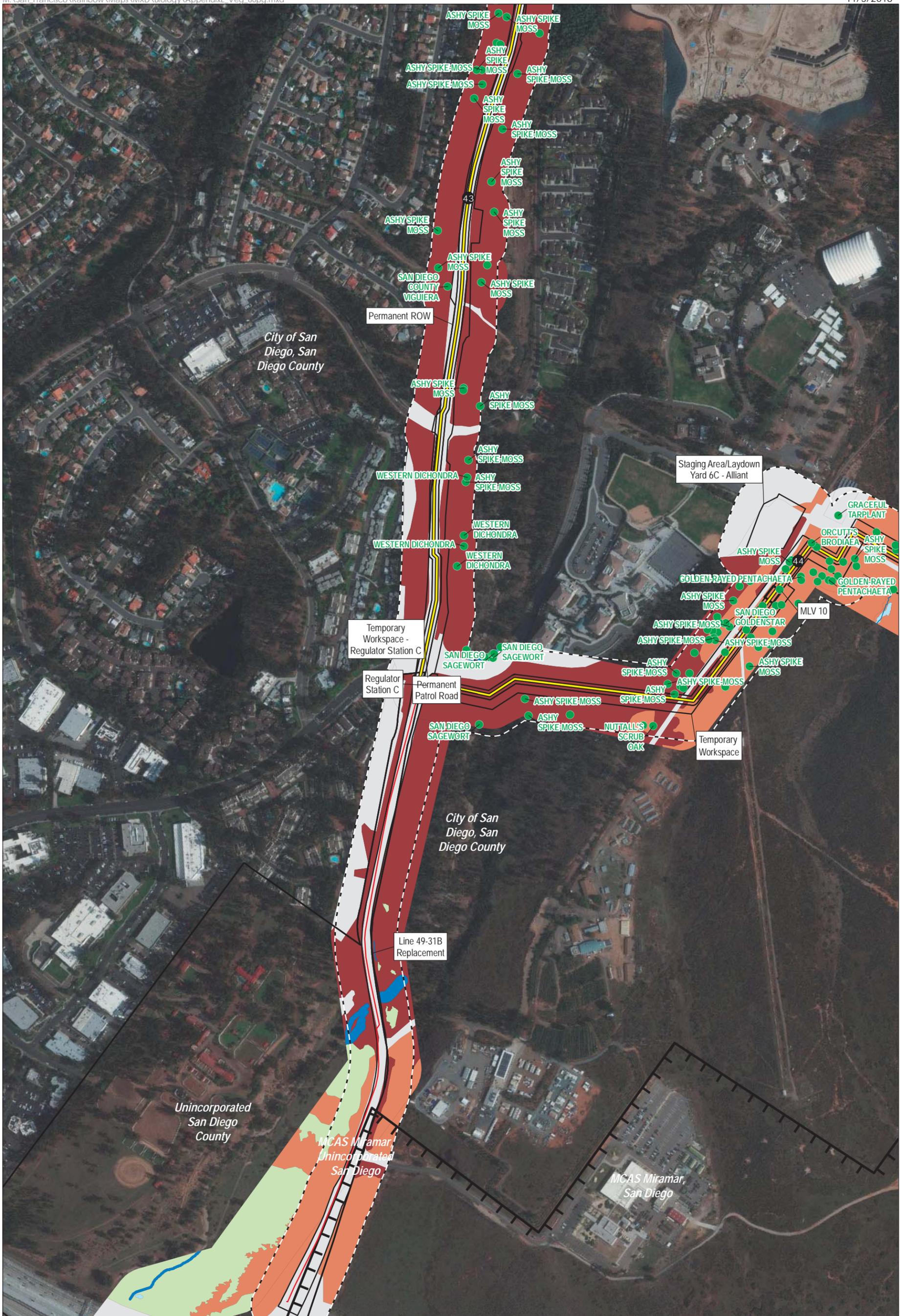
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 Line 1600
 San Diego County, CA



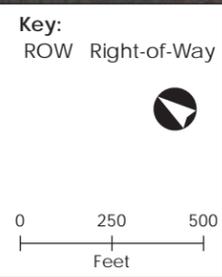
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**Vegetation Communities and
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- ① Milepost
- Line 3602
- Distribution System Modification
- Workspace Boundary
- Biological Resources Survey Area
- MCAS Miramar
- Municipal Boundary
- PSRP - Plants

- Surveyed Vegetation - PSRP
- Bog and Marsh
 - Disturbed or Developed Habitat
 - Grasslands, Vernal Pools, Meadows, and Other Herb Communities
 - Riparian and Bottomland Habitat
 - Scrub and Chaparral
 - Woodland



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- ① Milepost
- Line 3602
- Workspace Boundary
- - - Biological Resources Survey Area
- ▣ MCAS Miramar
- ▭ Municipal Boundary
- PSRP - Plants

- Surveyed Vegetation - PSRP
- Bog and Marsh
 - Disturbed or Developed Habitat
 - Grasslands, Vernal Pools, Meadows, and Other Herb Communities
 - Riparian and Bottomland Habitat
 - Scrub and Chaparral
 - Woodland

Key:
 ROW Right-of-Way

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- ① Milepost
- Line 3602
- Tie-Ins & Extensions
- Workspace Boundary
- - - Biological Resources Survey Area
- MCAS Miramar
- Municipal Boundary
- PSRP - Plants

- Surveyed Vegetation - PSRP
- Bog and Marsh
 - Disturbed or Developed Habitat
 - Grasslands, Vernal Pools, Meadows, and Other Herb Communities
 - Riparian and Bottomland Habitat
 - Scrub and Chaparral

Key:
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