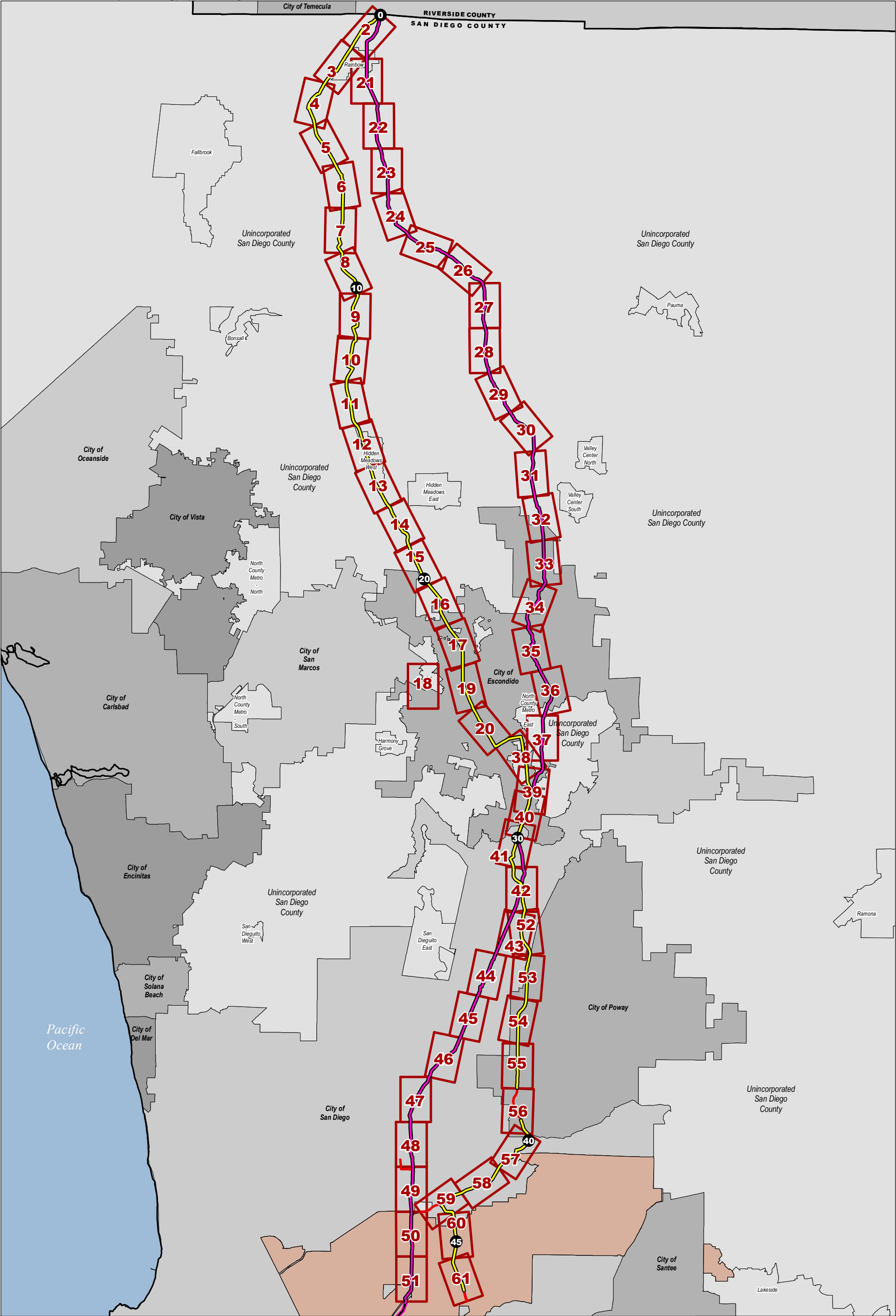


**California Public Utilities Commission**  
**Pipeline Safety and Reliability Project –**  
**New Natural Gas Line 3602 and De-rating Line 1600 (PSRP)**

**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



**1** Milepost

Line 3602

Tie-Ins & Extensions

Line 1600

Line 1600 (Not part of the proposed project)

MCAS Miramar

Map Series Index

0 2.5 5

Miles

Appendix E

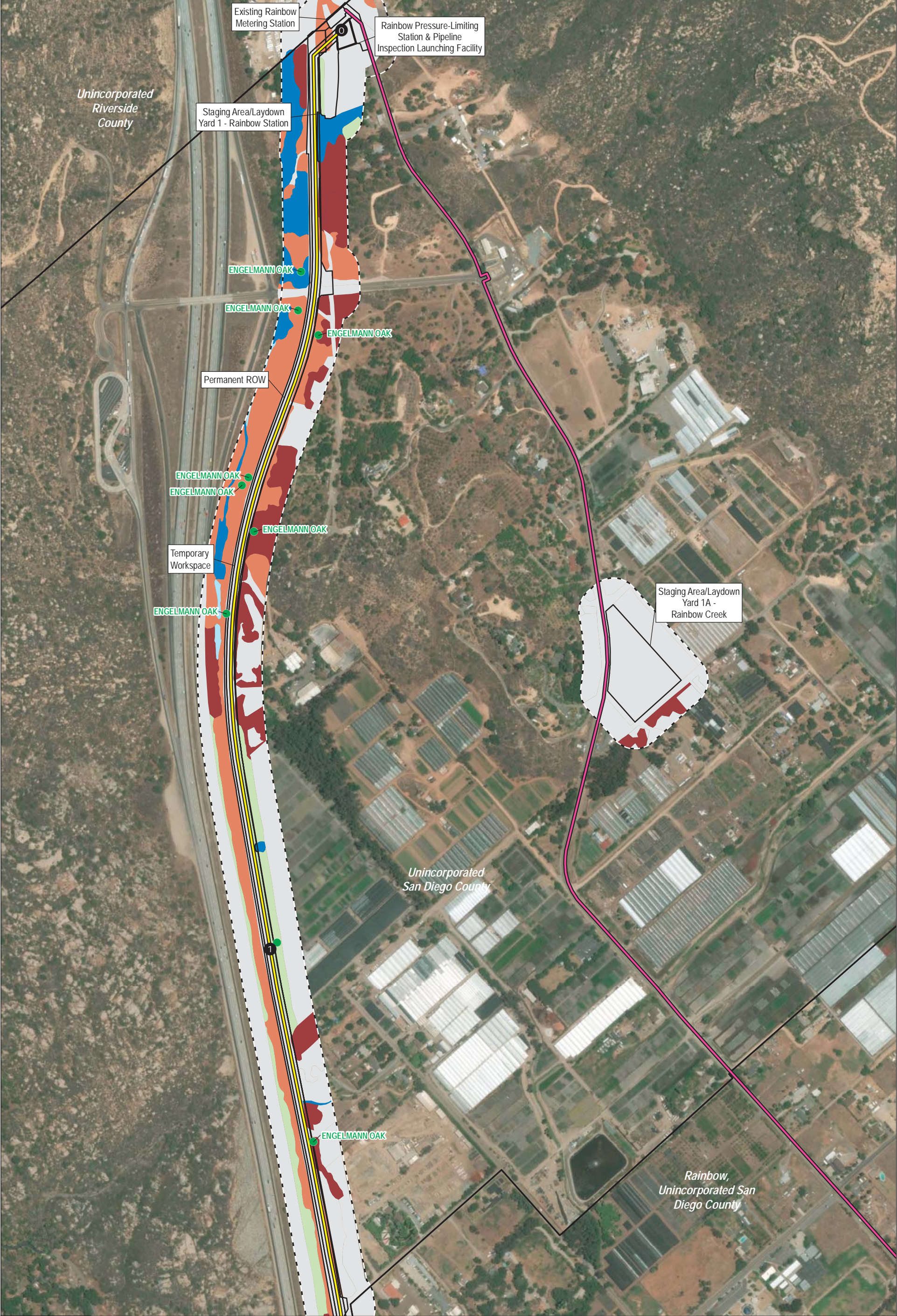
**Vegetation Communities and Special Status Plants in the Biological Resources Survey Area**

Page 1 of 61

Pipeline Safety and Reliability Project - New Natural Gas Line 3602 and De-rating Line 1600

San Diego County, CA





**SAN DIEGO COUNTY**

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

**Key:**

ROW Right-of-Way

0 250 500 Feet

**Appendix E**

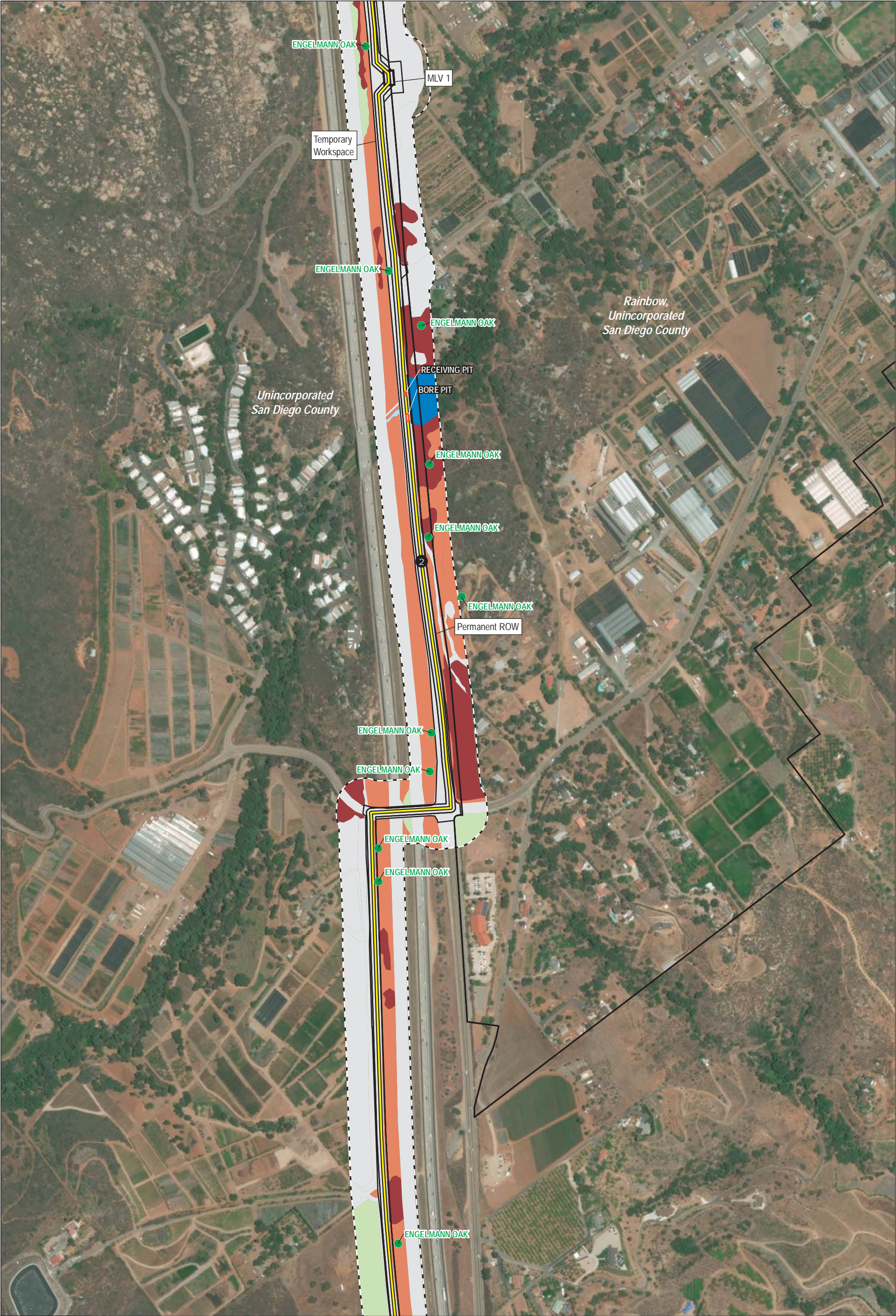
**Vegetation Communities and Special Status Plants in the Biological Resources Survey Area**

Page 2 of 61

Pipeline Safety and Reliability Project - New Natural Gas Line 3602 and De-rating Line 1600

San Diego County, CA





**SAN DIEGO COUNTY**

**Legend:**

- 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

0 250 500  
Feet

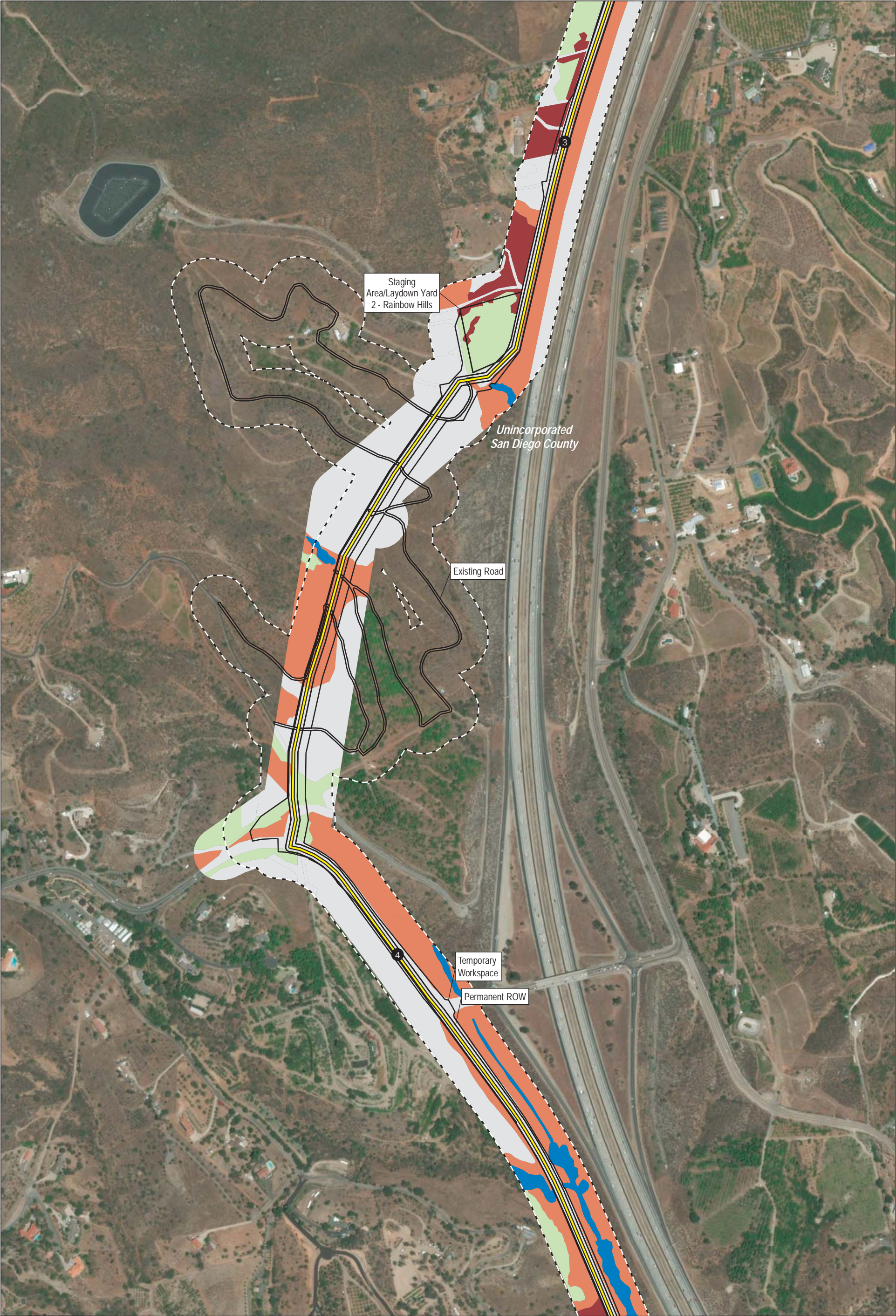
**Appendix E**

**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





**SAN DIEGO COUNTY**

**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

0 250 500

Feet

**Appendix E**

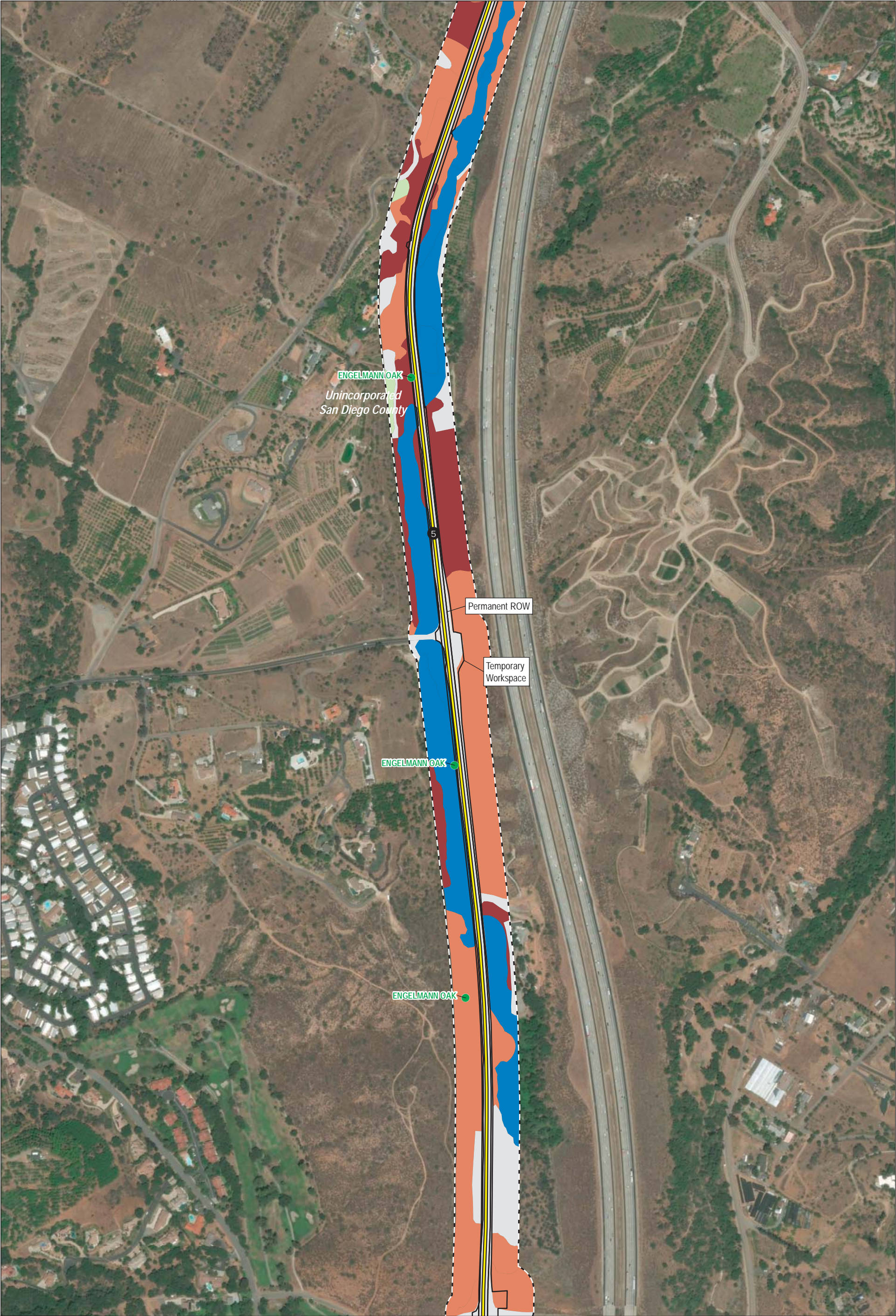
**Vegetation Communities and Special Status Plants in the Biological Resources Survey Area**

*Page 4 of 61*

Pipeline Safety and Reliability Project - New Natural Gas Line 3602 and De-rating Line 1600

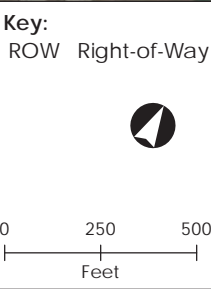
*San Diego County, CA*





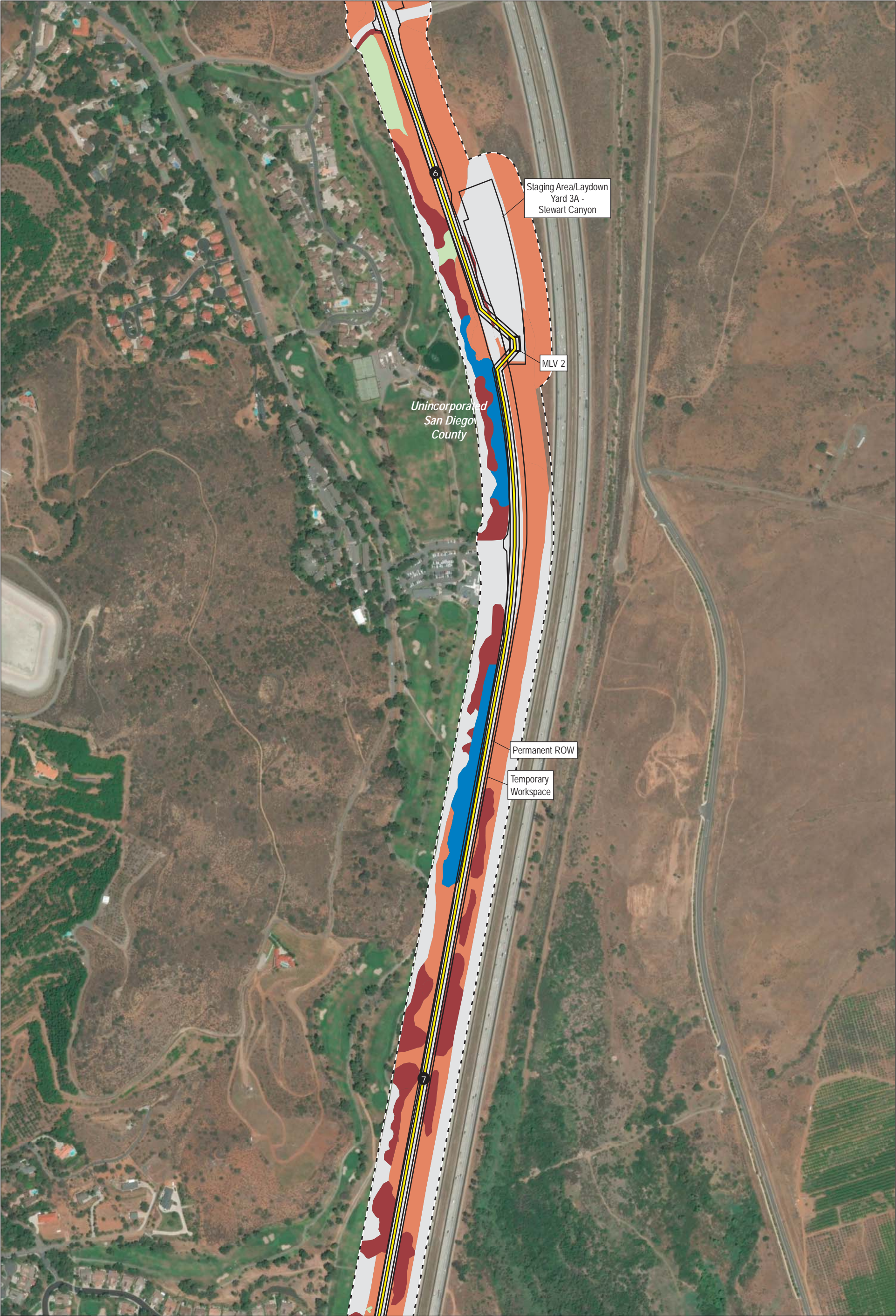
- ① Milepost
- Line 3602
- Workspace Boundary
- Biological Resources Survey Area
- Municipal Boundary
- PSRP - Plants

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



Appendix E  
**Vegetation Communities and  
Special Status Plants in the  
Biological Resources Survey Area**  
*Page 5 of 61*  
Pipeline Safety and Reliability  
Project - New Natural Gas  
Line 3602 and De-rating  
Line 1600  
*San Diego County, CA*

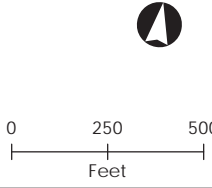




- ① Milepost
- Line 3602
- Workspace Boundary
- Biological Resources Survey Area
- Municipal Boundary
- Surveyed Vegetation - PSRP
- Disturbed or Developed Habitat

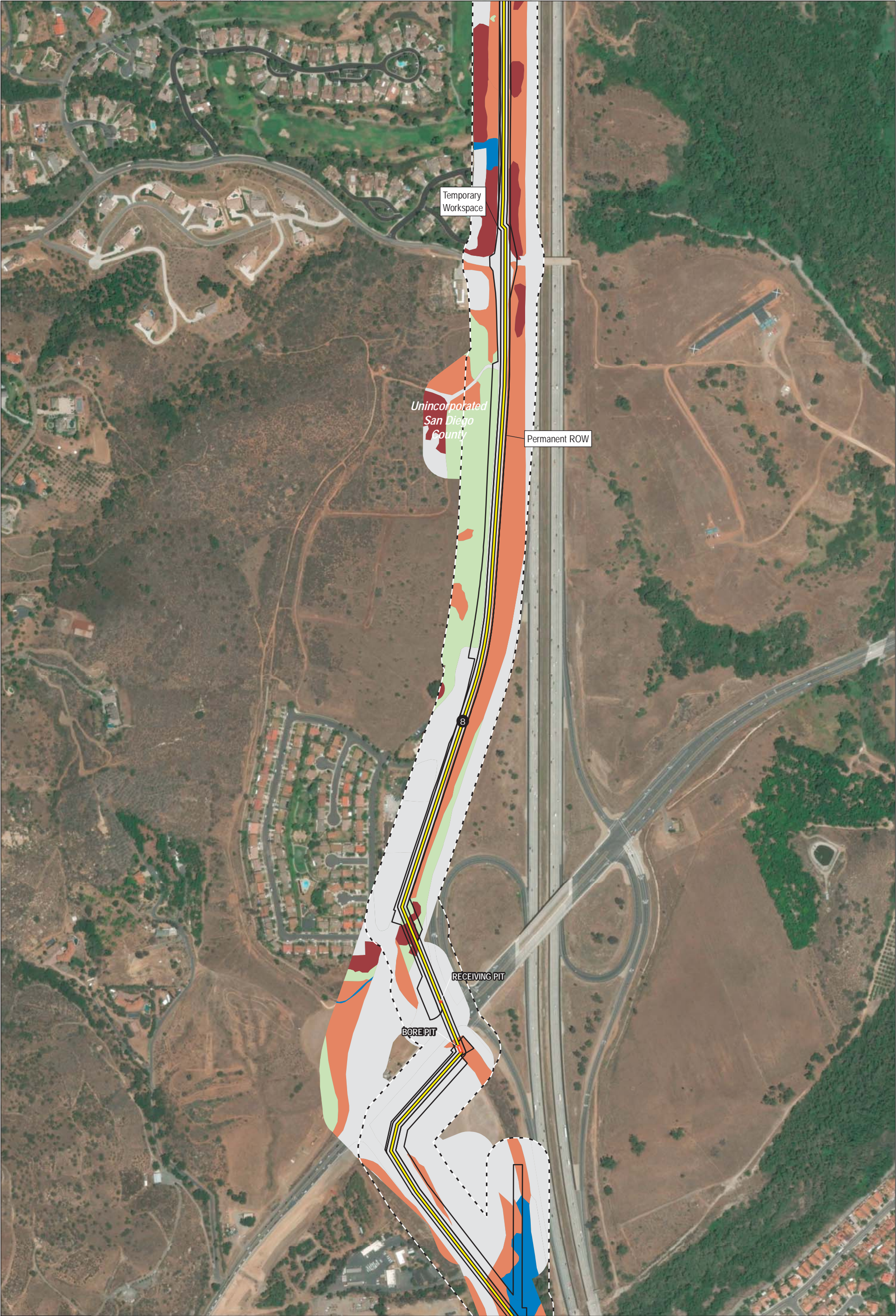
- Grasslands, Vernal Pools, Meadows, and Other Herb Communities
- Riparian and Bottomland Habitat
- Scrub and Chaparral
- Woodland

Key:  
ROW Right-of-Way



Appendix E  
**Vegetation Communities and  
Special Status Plants in the  
Biological Resources Survey Area**  
*Page 6 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

- 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





**SAN DIEGO COUNTY**

**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

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*

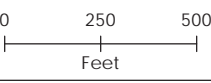




- ① Milepost
- Line 3602
- Workspace Boundary
- - - Biological Resources Survey Area
- Municipal Boundary
- Surveyed Vegetation - PSRP
- Disturbed or Developed Habitat

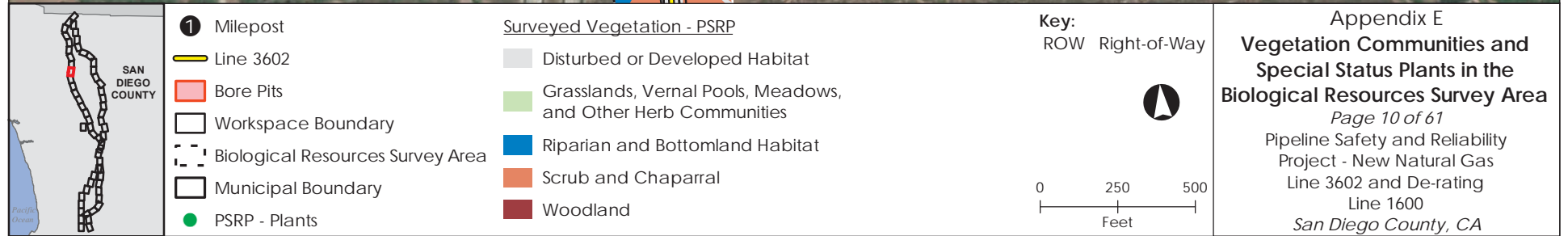
- Grasslands, Vernal Pools, Meadows, and Other Herb Communities
- Riparian and Bottomland Habitat
- Scrub and Chaparral
- Woodland

Key:  
ROW Right-of-Way

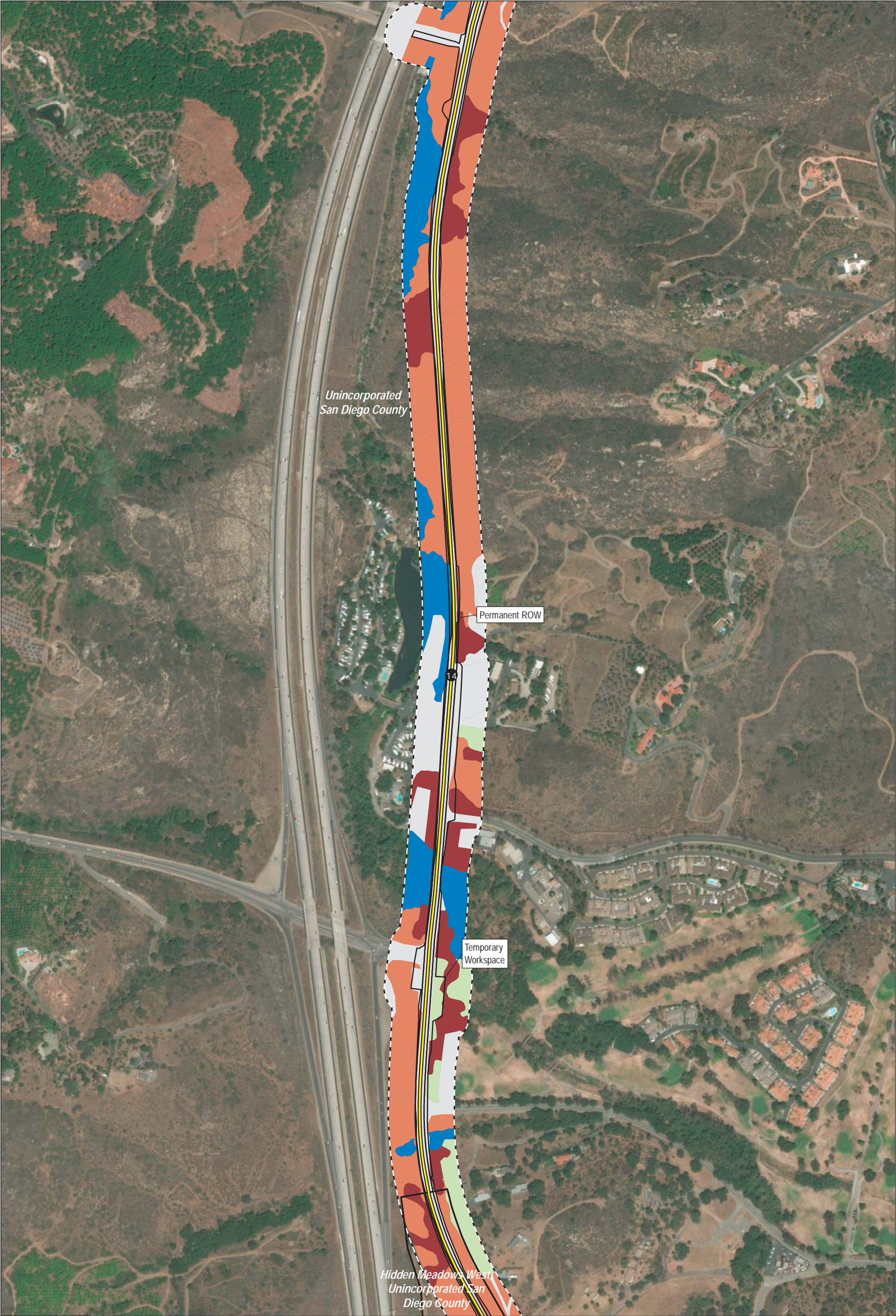


Appendix E  
**Vegetation Communities and  
Special Status Plants in the  
Biological Resources Survey Area**  
*Page 9 of 61*  
Pipeline Safety and Reliability  
Project - New Natural Gas  
Line 3602 and De-rating  
Line 1600  
*San Diego County, CA*





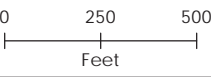




- ① Milepost
- Line 3602
- Workspace Boundary
- - - Biological Resources Survey Area
- Municipal Boundary
- Surveyed Vegetation - PSRP
- Disturbed or Developed Habitat

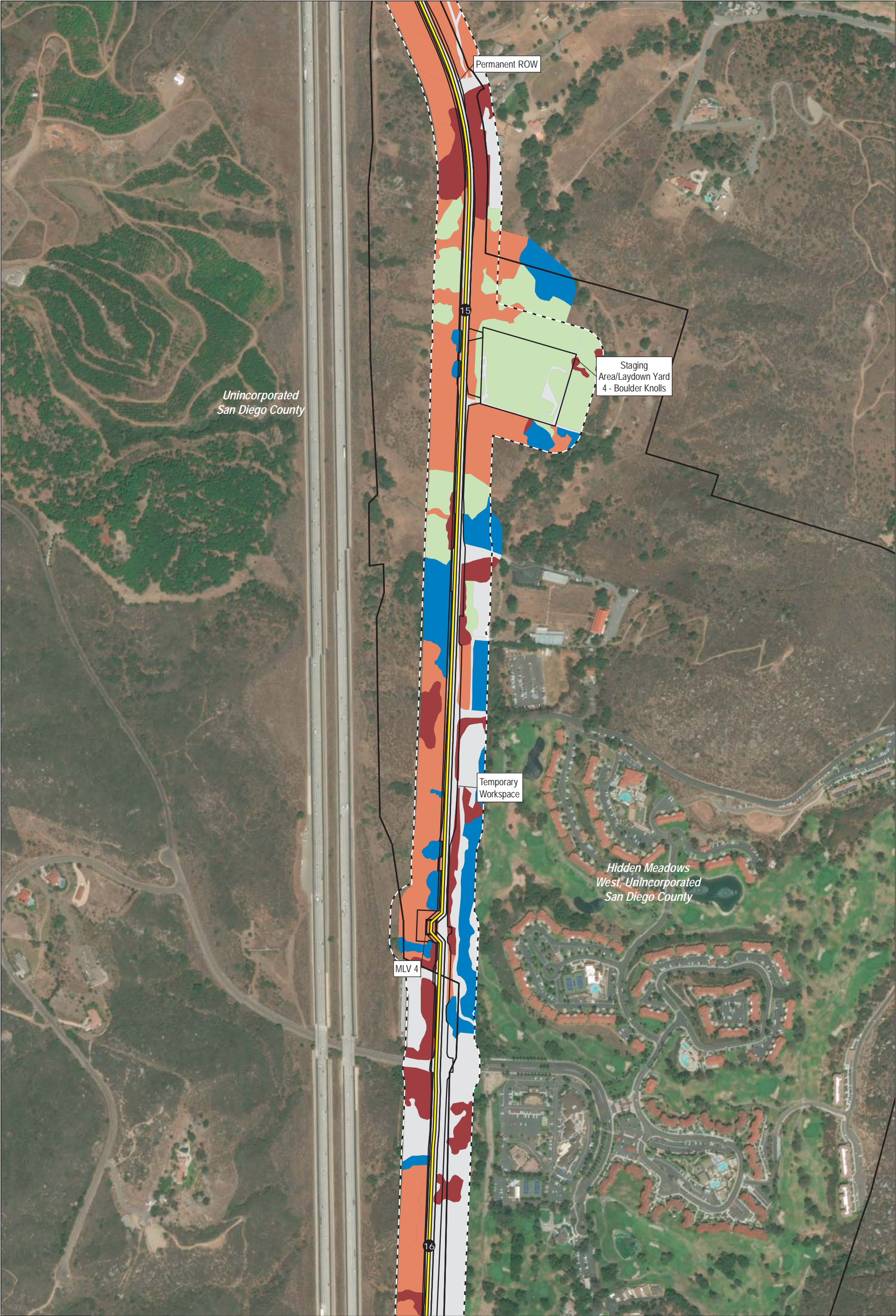
- Grasslands, Vernal Pools, Meadows, and Other Herb Communities
- Riparian and Bottomland Habitat
- Scrub and Chaparral
- Woodland


Key:  
ROW Right-of-Way



Appendix E  
**Vegetation Communities and  
Special Status Plants in the  
Biological Resources Survey Area**  
*Page 11 of 61*  
Pipeline Safety and Reliability  
Project - New Natural Gas  
Line 3602 and De-rating  
Line 1600  
*San Diego County, CA*



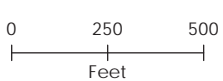





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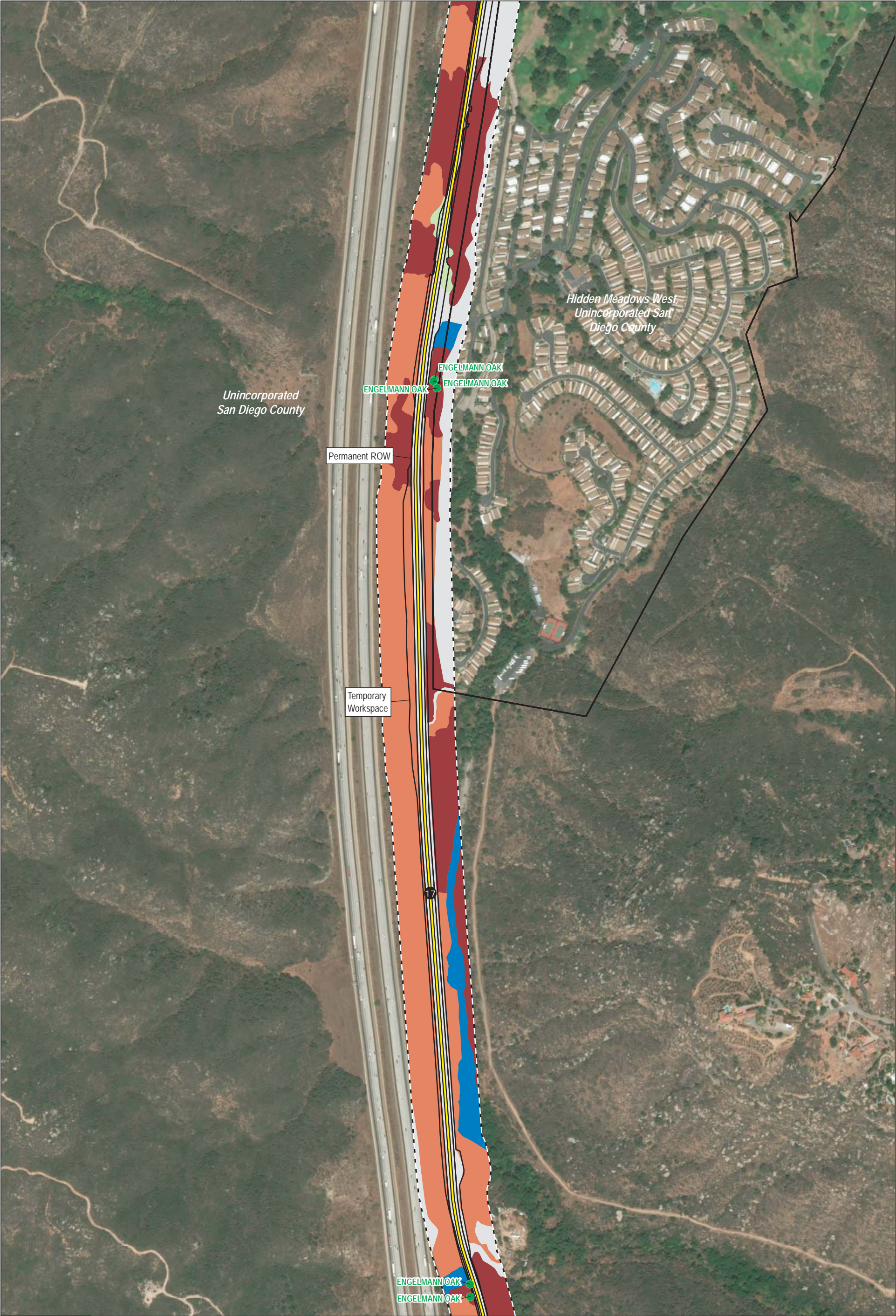
- ① Milepost
- Line 3602
- Workspace Boundary
- - - Biological Resources Survey Area
- Municipal Boundary
- Surveyed Vegetation - PSRP
- Disturbed or Developed Habitat
- Grasslands, Vernal Pools, Meadows, and Other Herb Communities
- Riparian and Bottomland Habitat
- Scrub and Chaparral
- Woodland

**Key:**  
ROW Right-of-Way



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*





**SAN DIEGO COUNTY**

**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

0 250 500  
Feet

**Appendix E**

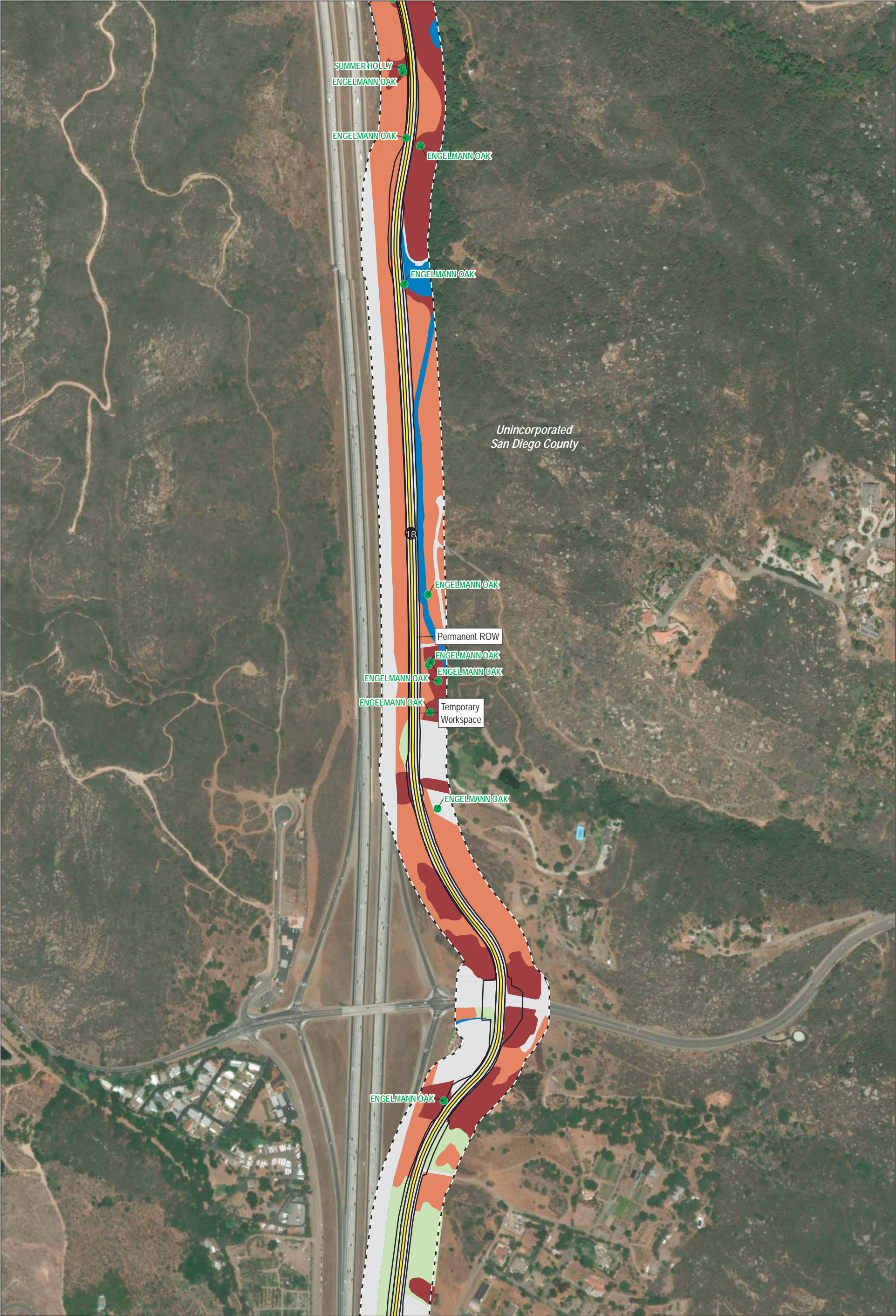
**Vegetation Communities and Special Status Plants in the Biological Resources Survey Area**

*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*





**SAN DIEGO COUNTY**

**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

0 250 500  
Feet

**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*







**Legend**

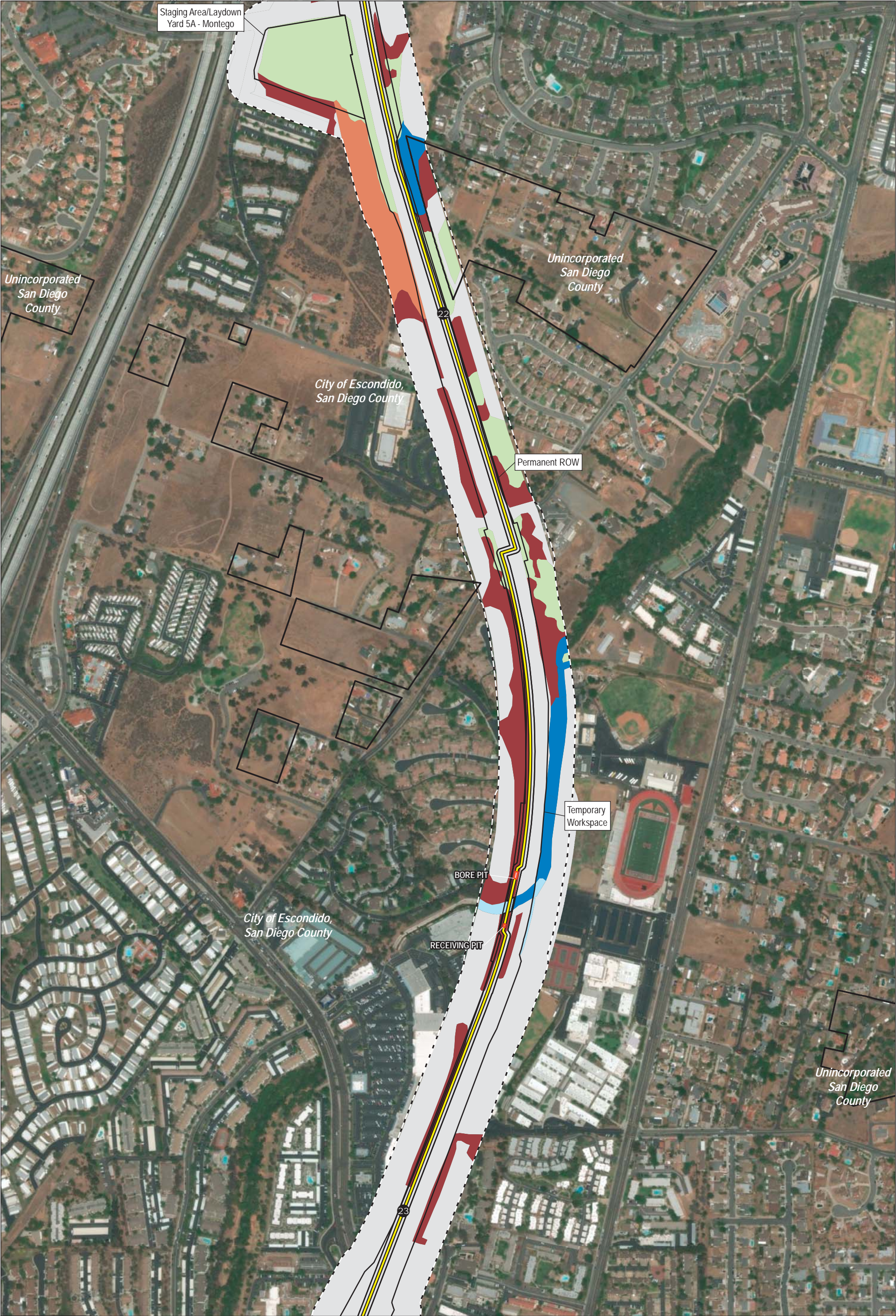
- ① Milepost
- Line 3602
- Workspace Boundary
- - - Biological Resources Survey Area
- Municipal Boundary
- Surveyed Vegetation - PSRP
- Disturbed or Developed Habitat
- Grasslands, Vernal Pools, Meadows, and Other Herb Communities
- Riparian and Bottomland Habitat
- Scrub and Chaparral
- Woodland

**Key:**  
ROW Right-of-Way



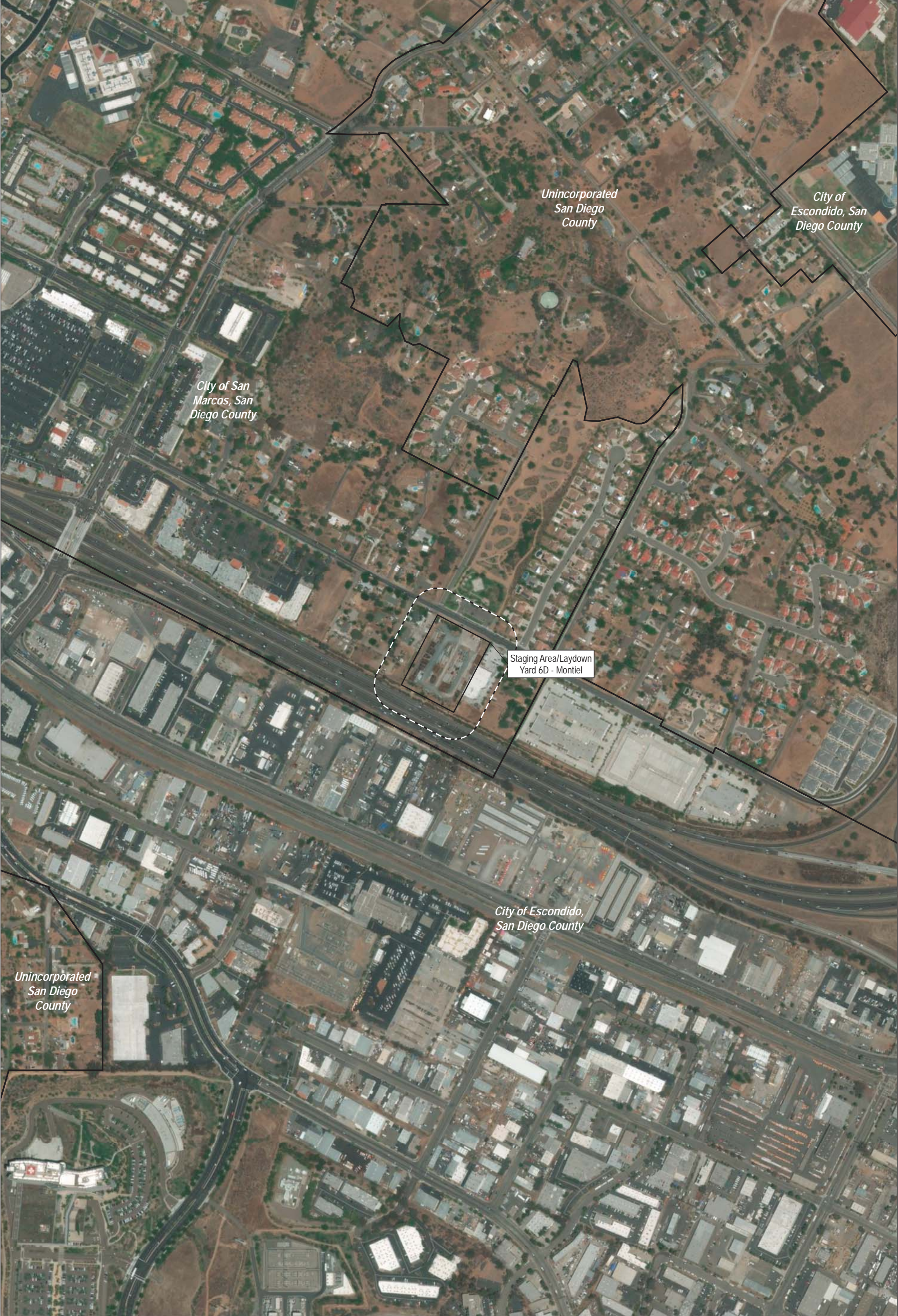
Appendix E  
**Vegetation Communities and  
Special Status Plants in the  
Biological Resources Survey Area**  
*Page 16 of 61*  
Pipeline Safety and Reliability  
Project - New Natural Gas  
Line 3602 and De-rating  
Line 1600  
*San Diego County, CA*



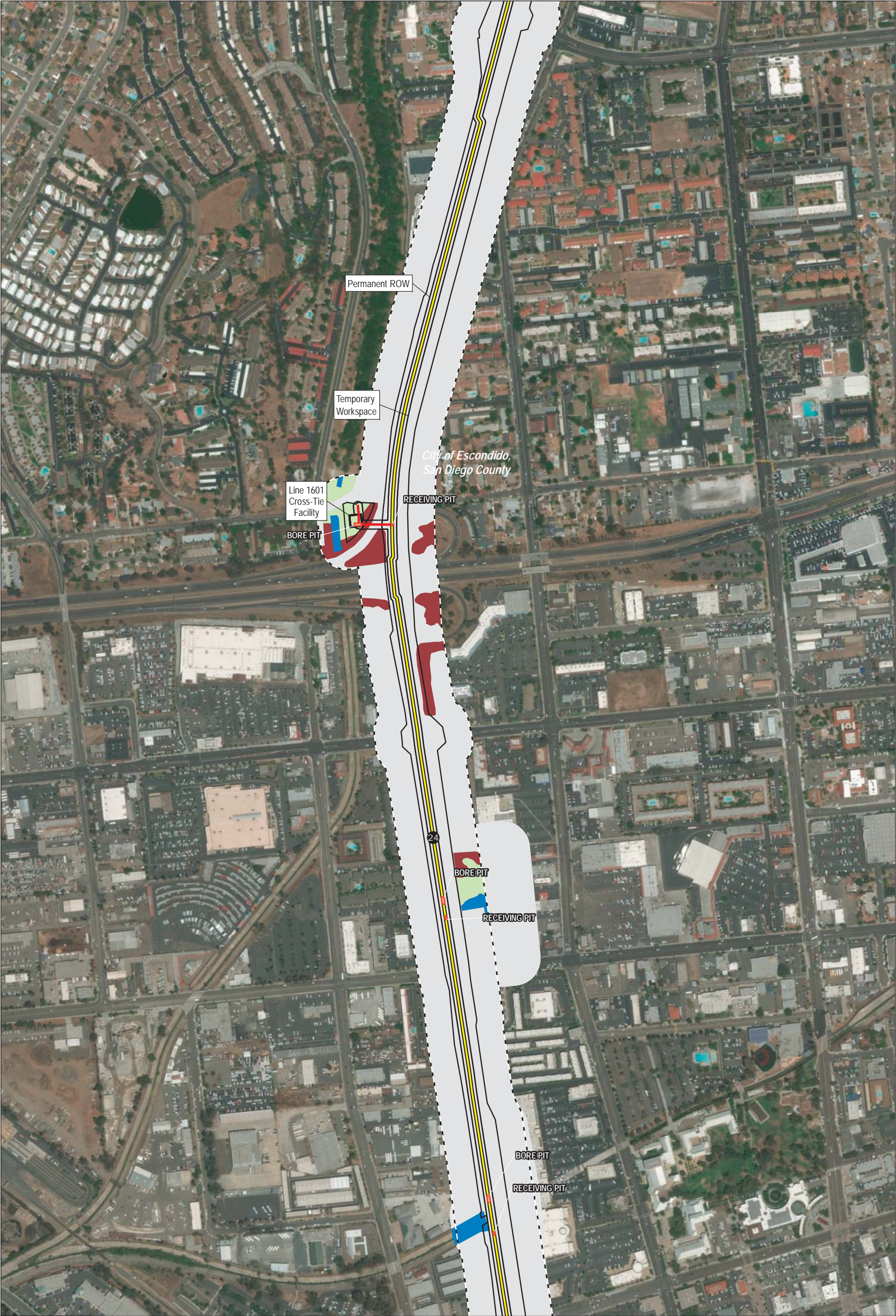


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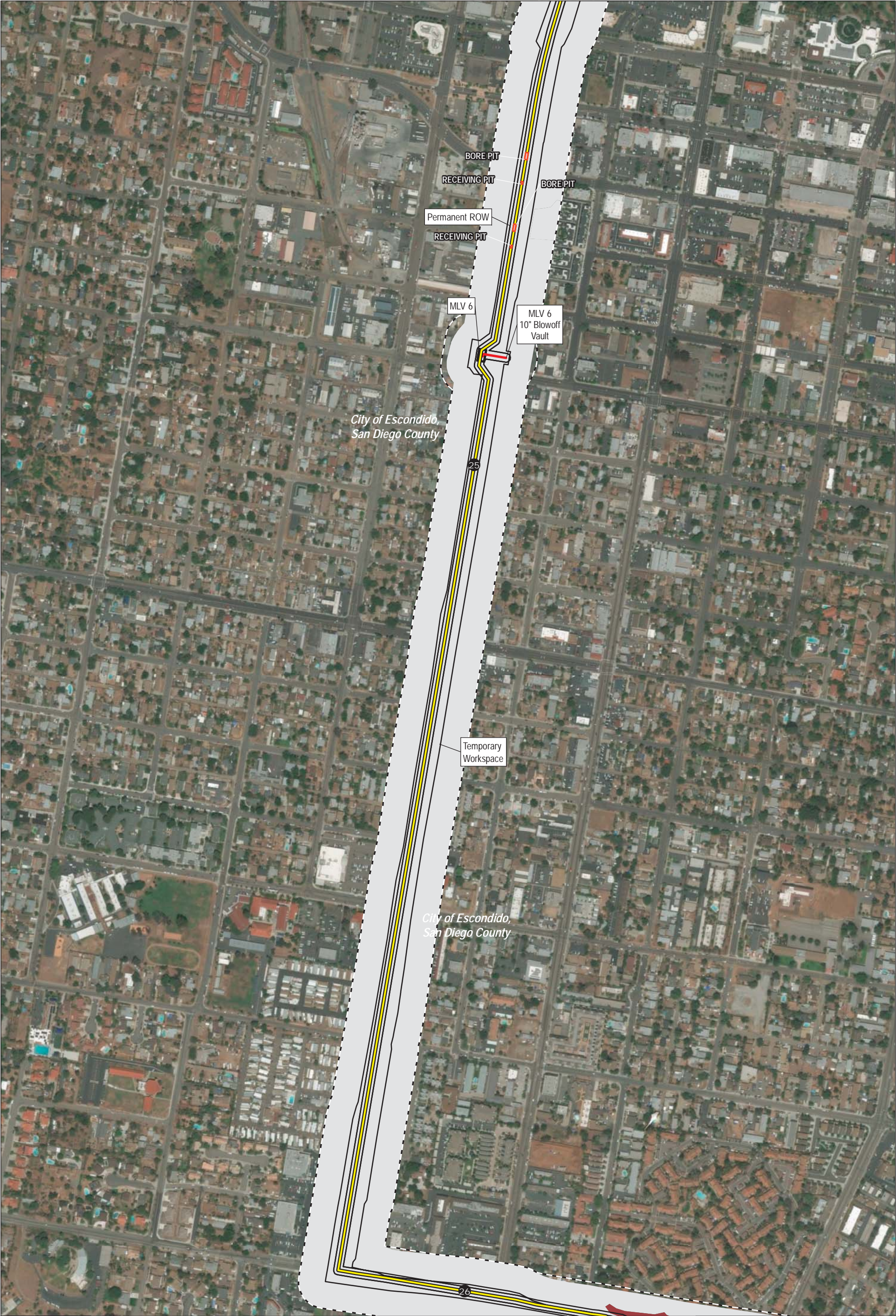
- ① Milepost
- Line 3602
- Tie-Ins & Extensions
- Bore Pits
- Workspace Boundary
- Biological Resources Survey Area
- Municipal Boundary


- 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



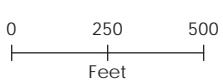





**①** Milepost  
Line 3602  
Tie-Ins & Extensions  
Bore Pits  
Workspace Boundary  
Biological Resources Survey Area

Municipal Boundary  
Surveyed Vegetation - PSRP  
Disturbed or Developed Habitat  
Woodland

**Key:**  
MLV Mainline Valve  
ROW Right-of-Way



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





SAN DIEGO COUNTY

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 21 of 61  
Pipeline Safety and Reliability  
Project - New Natural Gas  
Line 3602 and De-rating  
Line 1600  
San Diego County, CA







SAN DIEGO COUNTY

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 22 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



Appendix E  
Vegetation Communities and  
Special Status Plants in the  
Biological Resources Survey Area  
Page 23 of 61  
Pipeline Safety and Reliability  
Project - New Natural Gas  
Line 3602 and De-rating  
Line 1600  
San Diego County, CA





SAN DIEGO COUNTY

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 24 of 61  
Pipeline Safety and Reliability  
Project - New Natural Gas  
Line 3602 and De-rating  
Line 1600  
San Diego County, CA



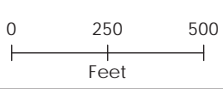





SAN DIEGO COUNTY

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



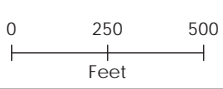





SAN DIEGO COUNTY

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 26 of 61  
Pipeline Safety and Reliability  
Project - New Natural Gas  
Line 3602 and De-rating  
Line 1600  
San Diego County, CA



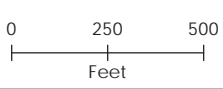





SAN DIEGO COUNTY

Existing Pipelines

- Existing Line 1600
- Municipal Boundary



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







SAN DIEGO COUNTY

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 28 of 61  
Pipeline Safety and Reliability  
Project - New Natural Gas  
Line 3602 and De-rating  
Line 1600  
San Diego County, CA



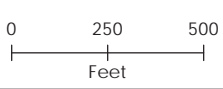





SAN DIEGO COUNTY

Existing Pipelines

- Existing Line 1600
- Municipal Boundary



Appendix E  
Vegetation Communities and  
Special Status Plants in the  
Biological Resources Survey Area  
Page 29 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



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*



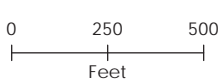





SAN DIEGO COUNTY

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 31 of 61  
Pipeline Safety and Reliability  
Project - New Natural Gas  
Line 3602 and De-rating  
Line 1600  
San Diego County, CA

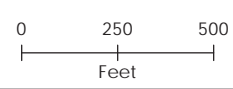







**Existing Pipelines**

- Existing Line 1600
- Municipal Boundary



Appendix E  
Vegetation Communities and  
Special Status Plants in the  
Biological Resources Survey Area  
Page 32 of 61  
Pipeline Safety and Reliability  
Project - New Natural Gas  
Line 3602 and De-rating  
Line 1600  
San Diego County, CA





SAN DIEGO COUNTY

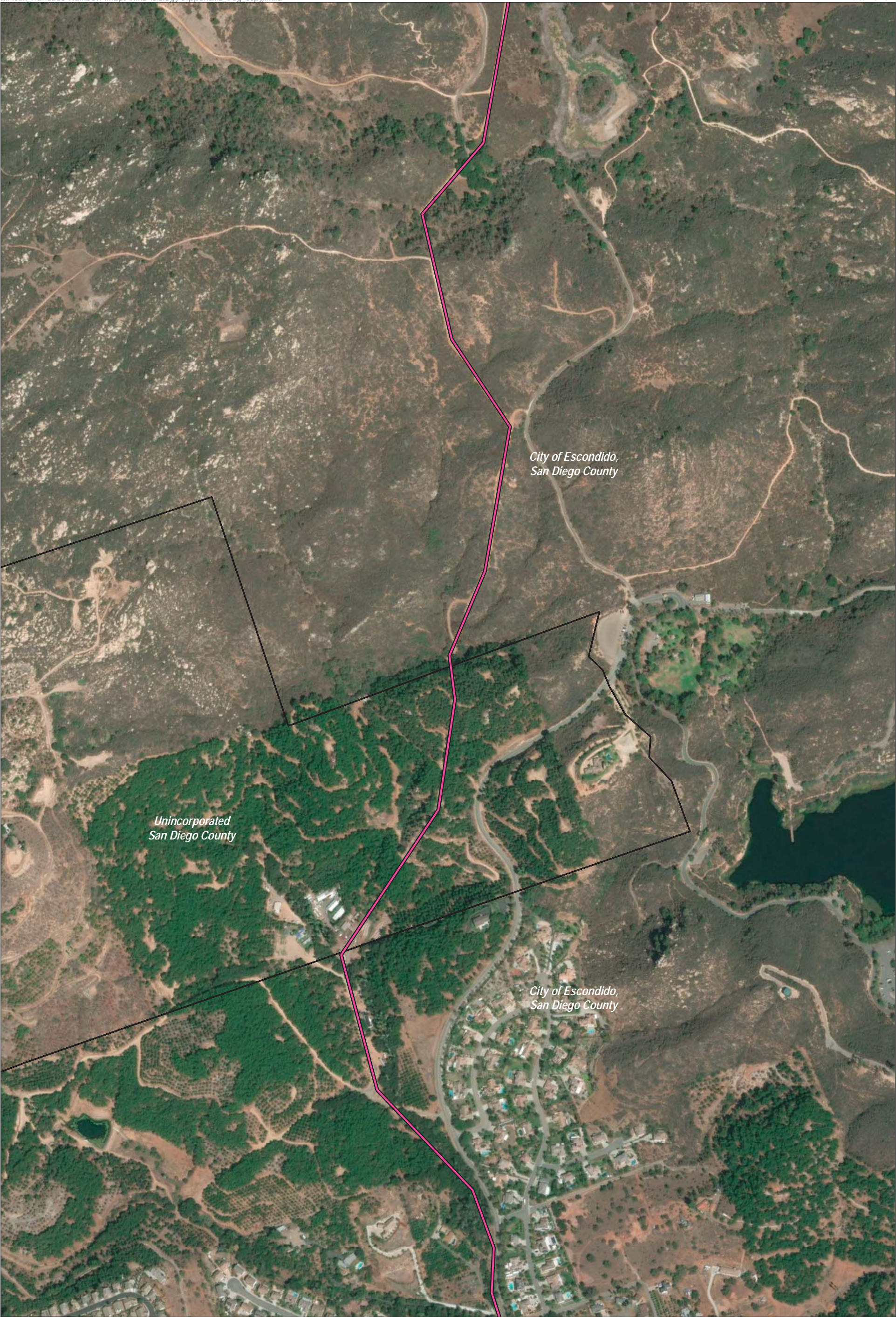
Existing Pipelines

- Existing Line 1600
- Municipal Boundary

0 250 500  
Feet

Appendix E  
Vegetation Communities and  
Special Status Plants in the  
Biological Resources Survey Area  
Page 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  
Line 3602 and De-rating  
Line 1600  
San Diego County, CA





SAN DIEGO COUNTY

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 35 of 61  
Pipeline Safety and Reliability  
Project - New Natural Gas  
Line 3602 and De-rating  
Line 1600  
San Diego County, CA





SAN DIEGO COUNTY

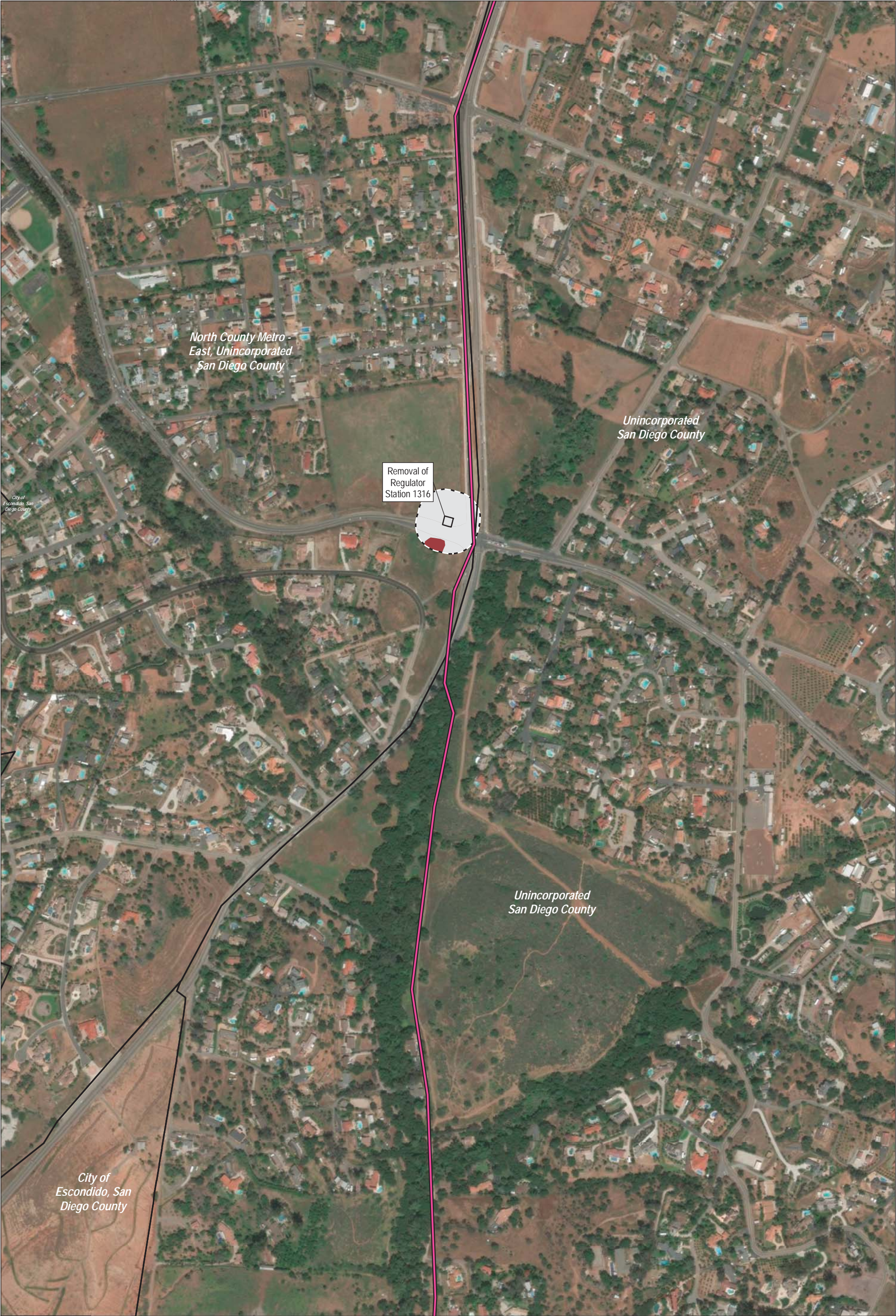
Existing Pipelines

- Existing Line 1600
- Municipal Boundary

0 250 500  
Feet

Appendix E  
Vegetation Communities and  
Special Status Plants in the  
Biological Resources Survey Area  
Page 36 of 61  
Pipeline Safety and Reliability  
Project - New Natural Gas  
Line 3602 and De-rating  
Line 1600  
San Diego County, CA





**Existing Pipelines**

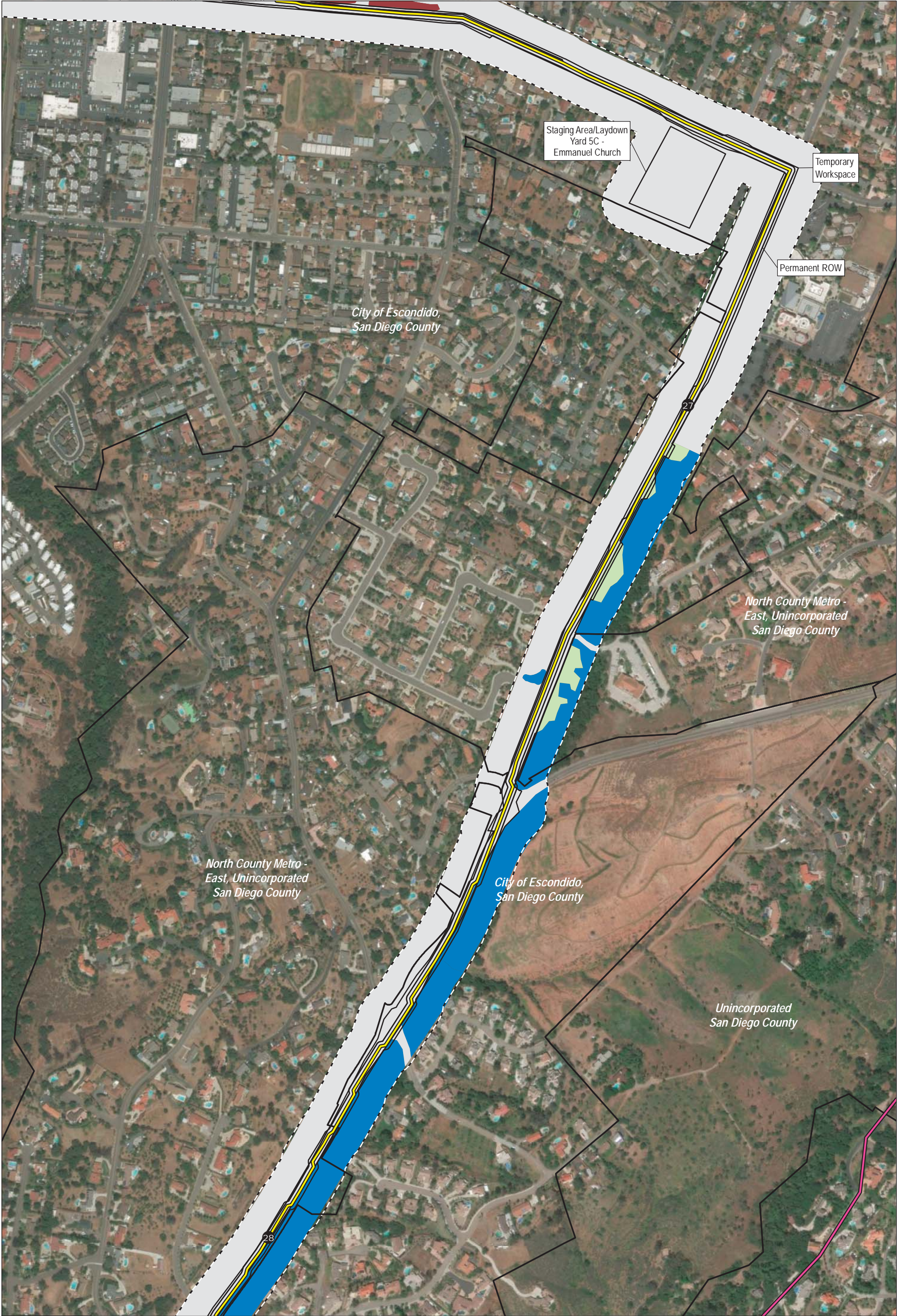
- Existing Line 1600
- Workspace Boundary
- Biological Resources Survey Area
- Municipal Boundary


**Surveyed Vegetation - PSRP**

- Disturbed or Developed Habitat
- Woodland

0 250 500  
Feet







**Legend**

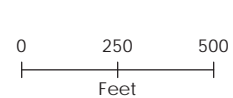
- ① Milepost
- Line 3602
- Existing Pipelines
- Existing Line 1600
- Workspace Boundary
- Biological Resources Survey Area
- Municipal Boundary

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**

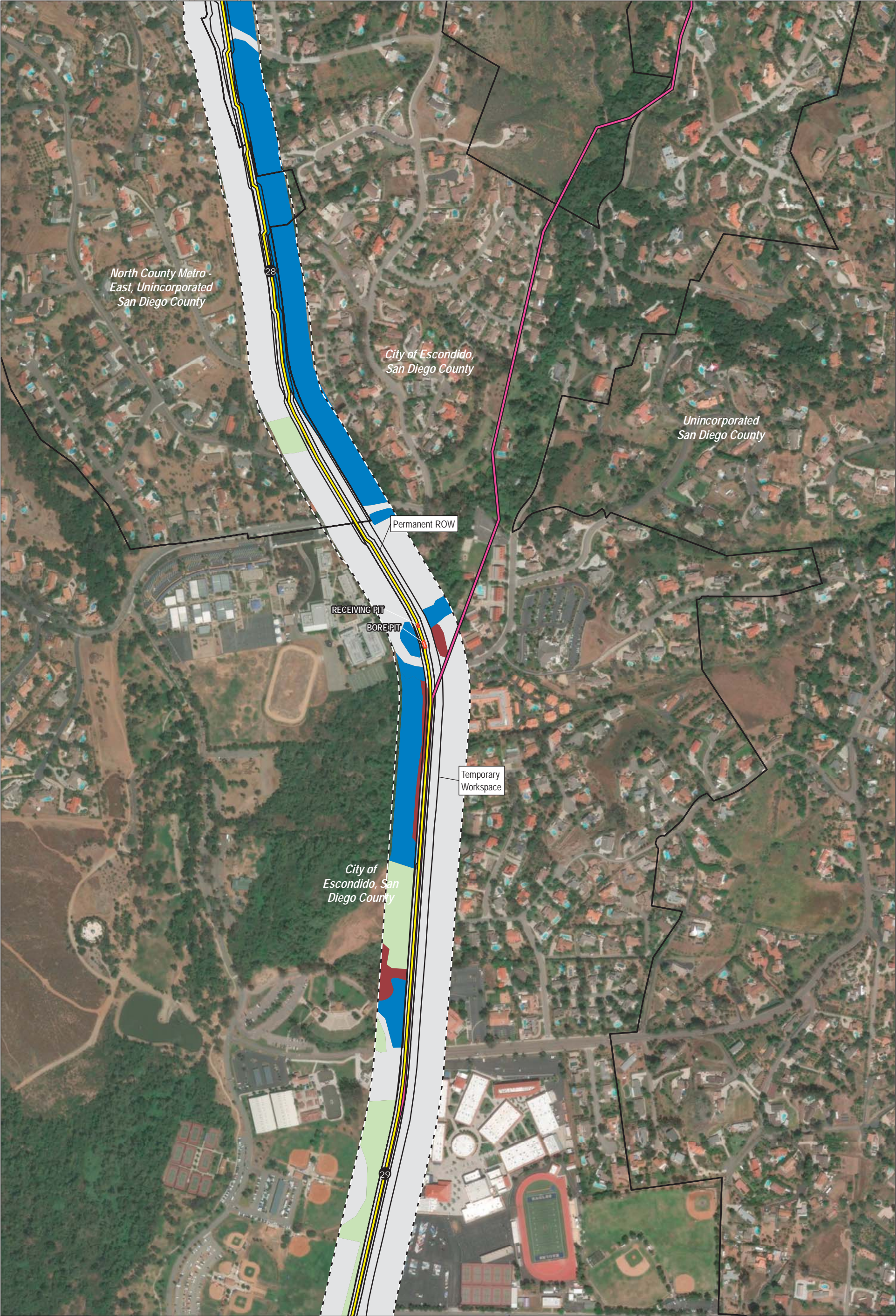
**Vegetation Communities and Special Status Plants in the Biological Resources Survey Area**

*Page 38 of 61*

Pipeline Safety and Reliability Project - New Natural Gas Line 3602 and De-rating Line 1600

*San Diego County, CA*





**SAN DIEGO COUNTY**

**1** Milepost

**Line 3602**

**Existing Pipelines**

- Existing Line 1600
- 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 39 of 61*

Pipeline Safety and Reliability Project - New Natural Gas Line 3602 and De-rating Line 1600

*San Diego County, CA*





**SAN DIEGO COUNTY**

**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

0 250 500 Feet

**Appendix E**

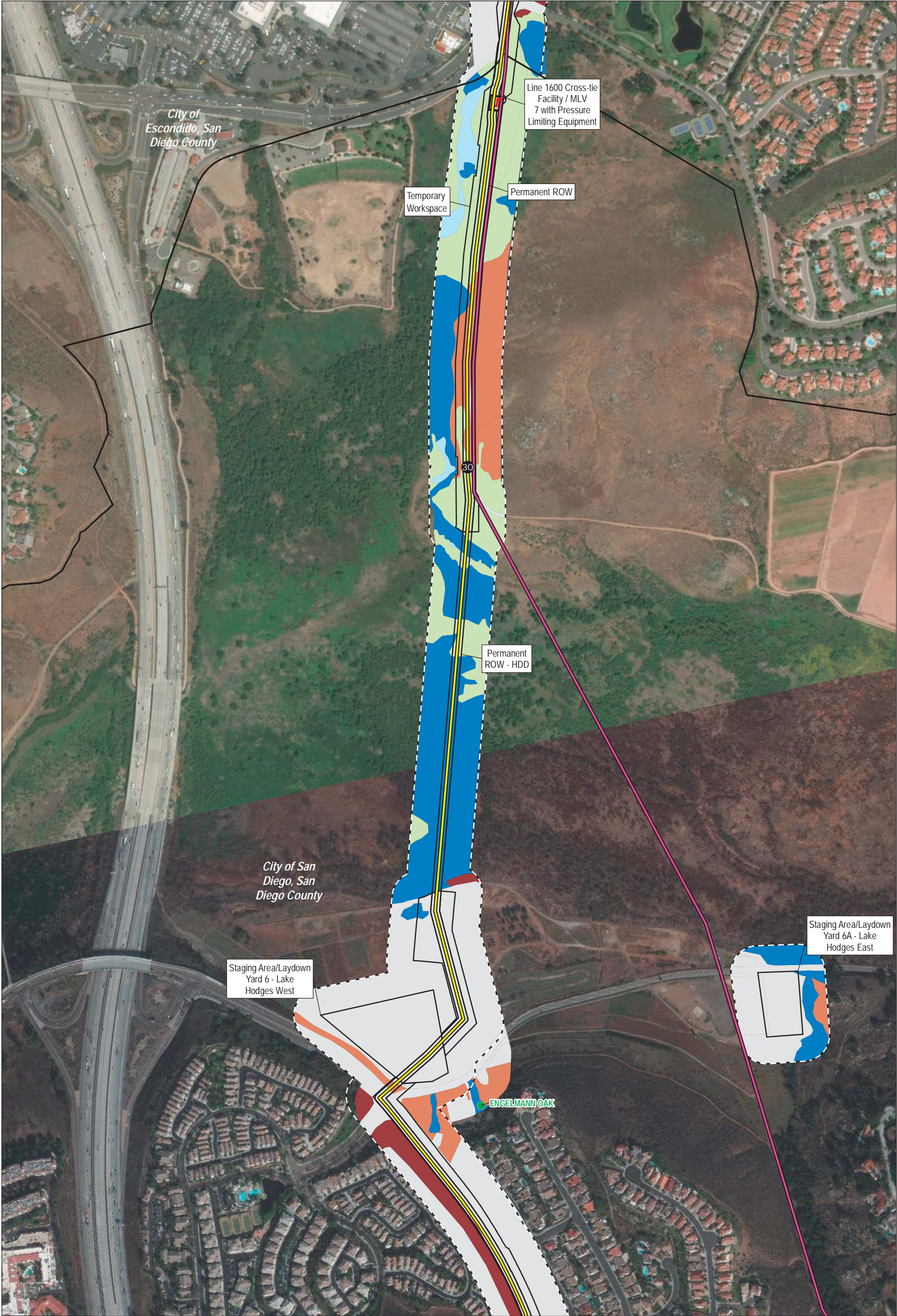
**Vegetation Communities and Special Status Plants in the Biological Resources Survey Area**

Page 40 of 61

Pipeline Safety and Reliability Project - New Natural Gas Line 3602 and De-rating Line 1600

San Diego County, CA





**SAN DIEGO COUNTY**

**Legend**

- 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

**Key:**

ROW Right-of-Way

0 250 500

Feet

**Appendix E**

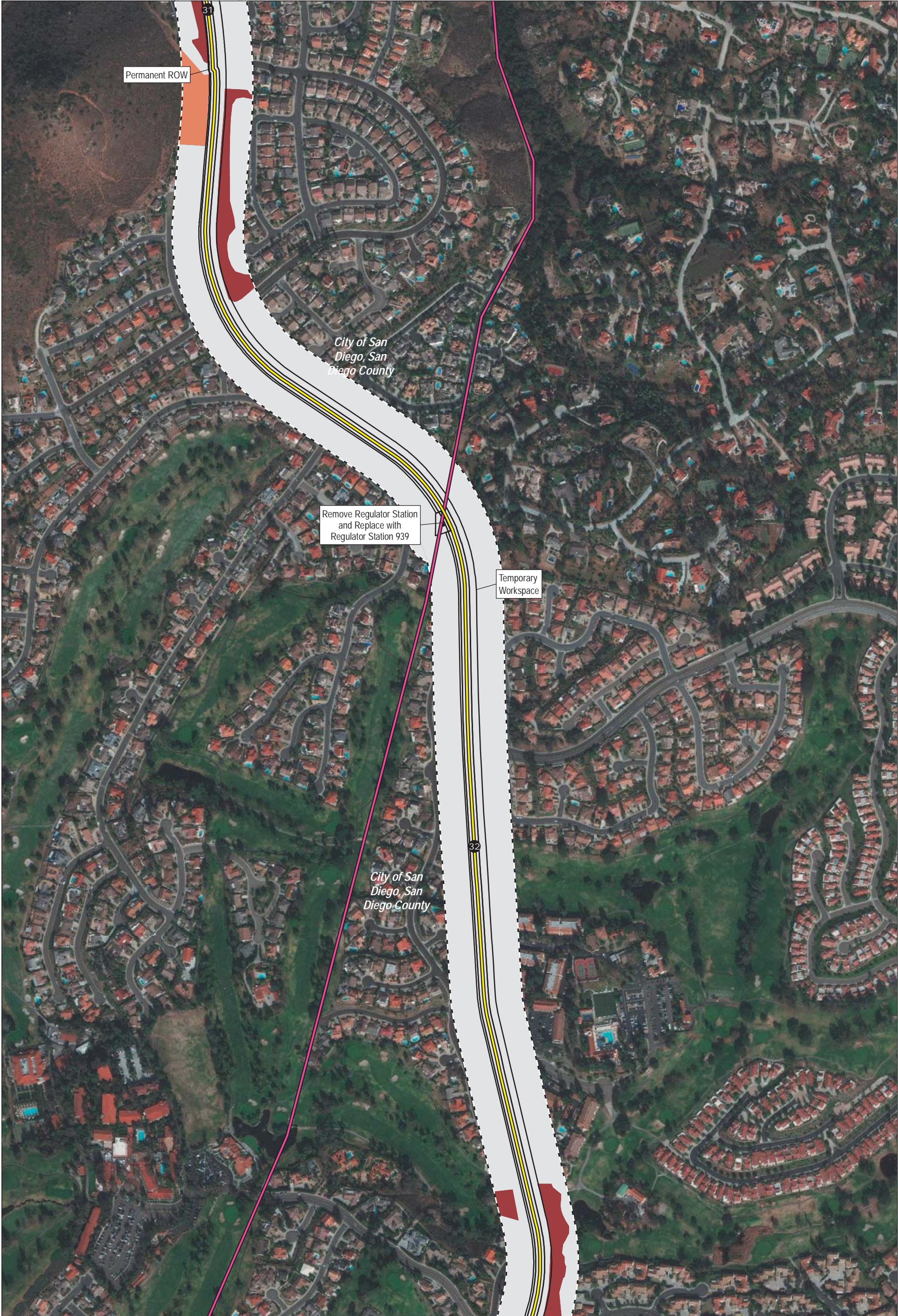
**Vegetation Communities and Special Status Plants in the Biological Resources Survey Area**


Page 41 of 61

Pipeline Safety and Reliability Project - New Natural Gas Line 3602 and De-rating Line 1600

San Diego County, CA



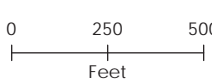





**① Milepost**  
— Line 3602  
**Existing Pipelines**  
— Existing Line 1600  
□ Workspace Boundary  
- - - Biological Resources Survey Area

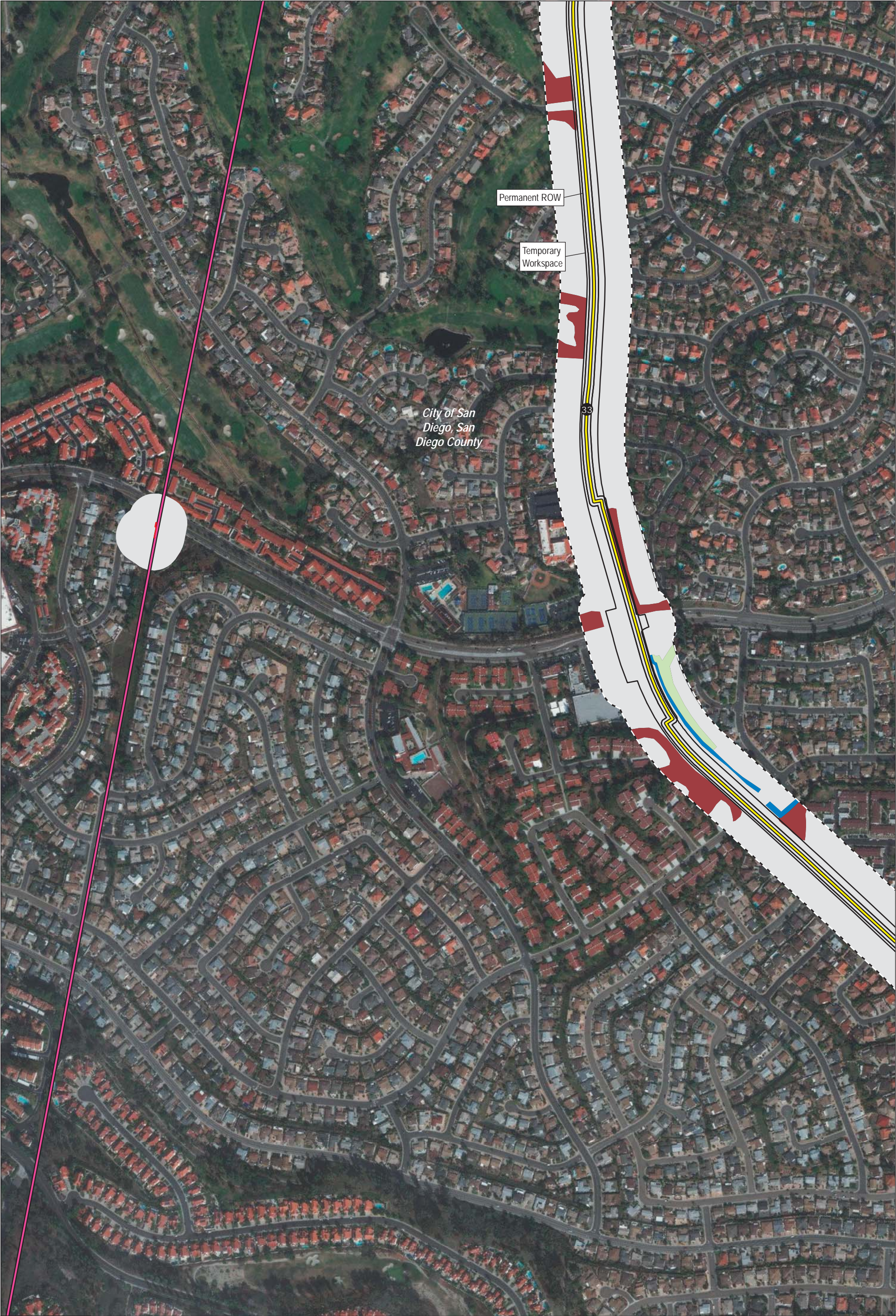
□ Municipal Boundary  
Surveyed Vegetation - PSRP  
□ Disturbed or Developed Habitat  
□ Scrub and Chaparral  
□ Woodland


**Key:**  
ROW Right-of-Way



**Appendix E**  
**Vegetation Communities and**  
**Special Status Plants in the**  
**Biological Resources Survey Area**  
*Page 42 of 61*  
Pipeline Safety and Reliability  
Project - New Natural Gas  
Line 3602 and De-rating  
Line 1600  
*San Diego County, CA*





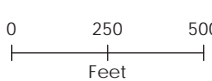



**Legend**

- 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

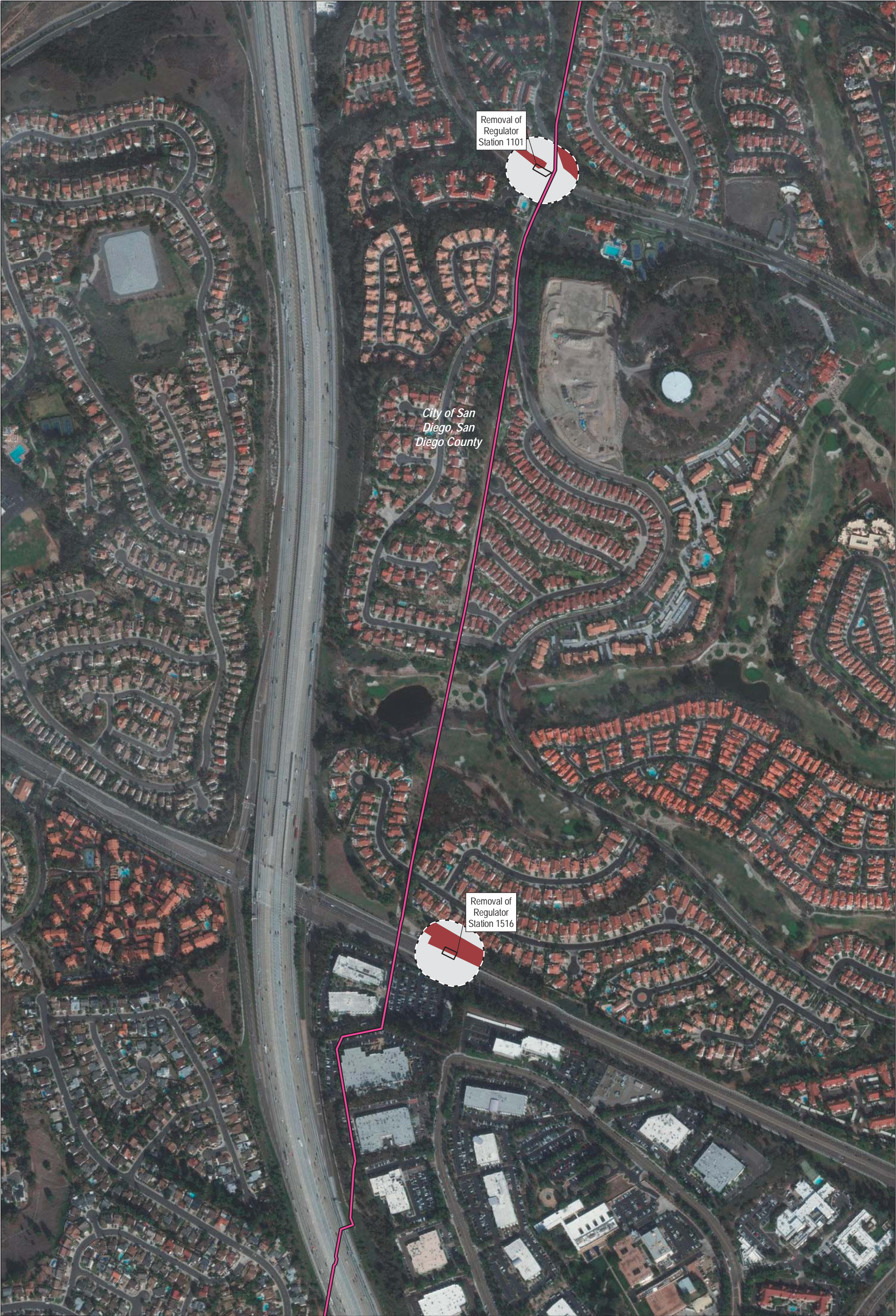
**Key:**


ROW Right-of-Way



Appendix E  
**Vegetation Communities and  
Special Status Plants in the  
Biological Resources Survey Area**  
Page 43 of 61  
Pipeline Safety and Reliability  
Project - New Natural Gas  
Line 3602 and De-rating  
Line 1600  
San Diego County, CA







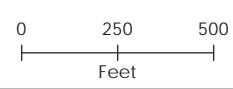

SAN DIEGO COUNTY

**Existing Pipelines**

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

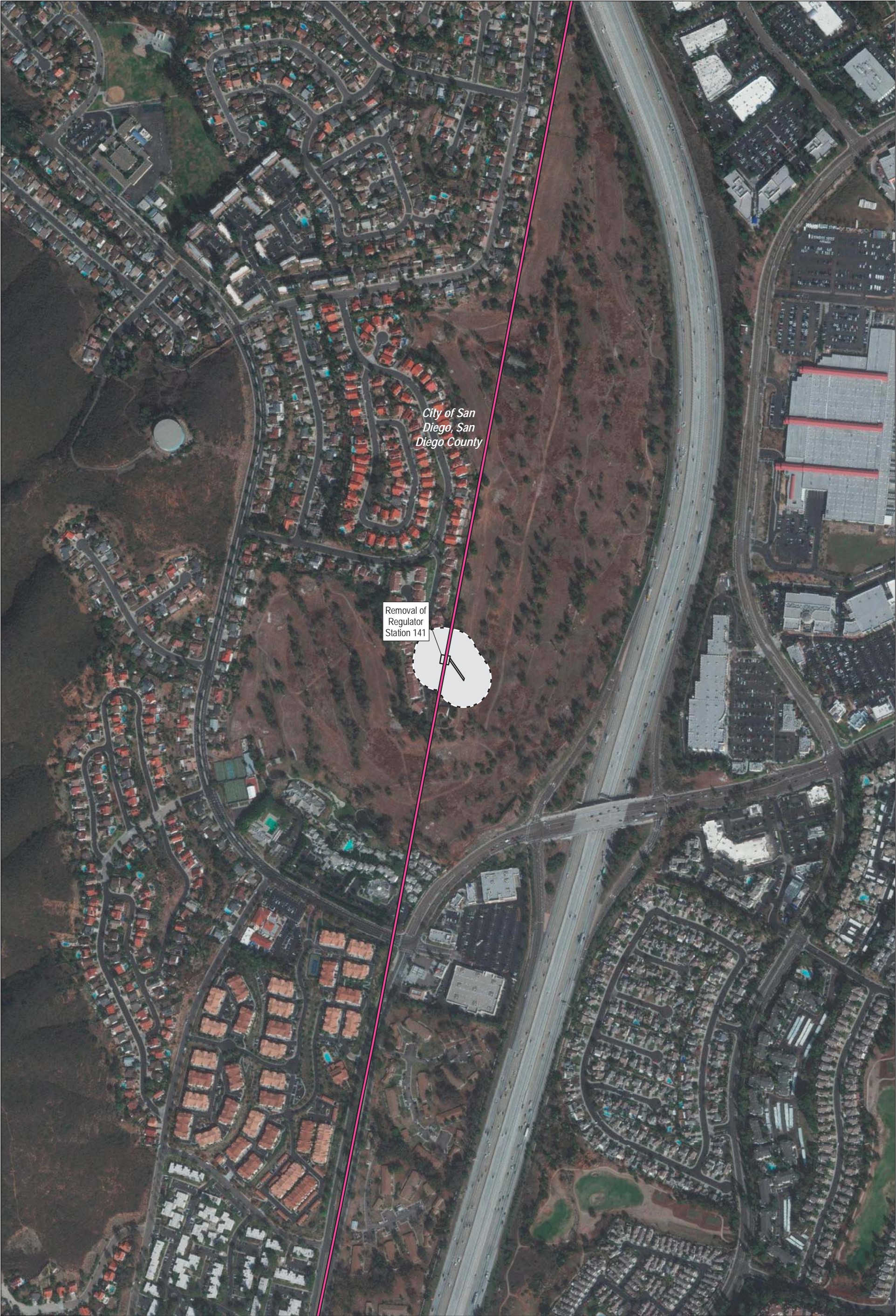
**Surveyed Vegetation - PSRP**


- Disturbed or Developed Habitat
- Woodland



Appendix E  
Vegetation Communities and  
Special Status Plants in the  
Biological Resources Survey Area  
Page 44 of 61  
Pipeline Safety and Reliability  
Project - New Natural Gas  
Line 3602 and De-rating  
Line 1600  
San Diego County, CA





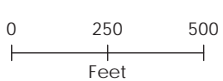



**Existing Pipelines**

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

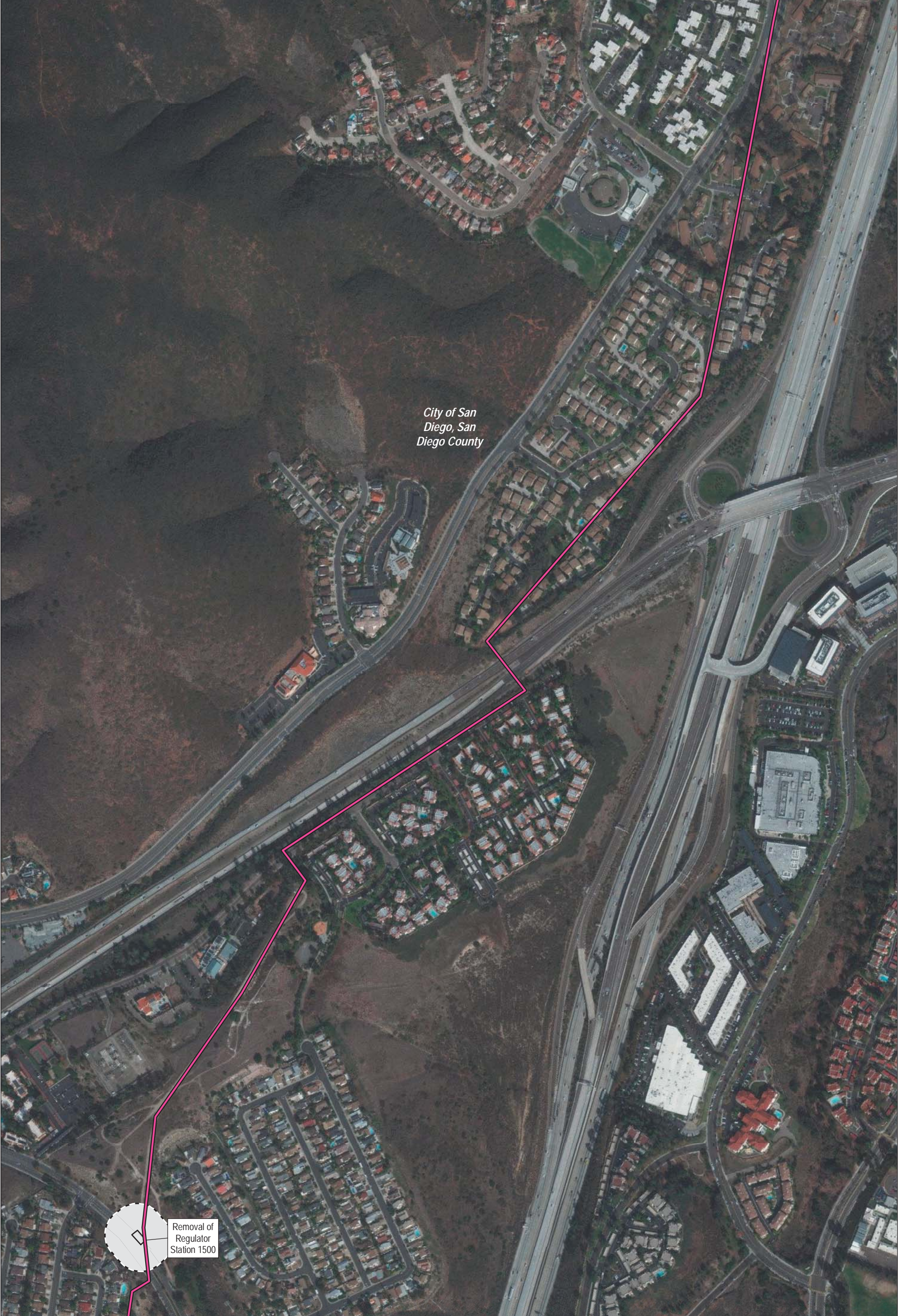
**Surveyed Vegetation - PSRP**


- Disturbed or Developed Habitat



**Appendix E**  
**Vegetation Communities and**  
**Special Status Plants in the**  
**Biological Resources Survey Area**  
*Page 45 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
- Workspace Boundary
- Biological Resources Survey Area
- Municipal Boundary

**Surveyed Vegetation - PSRP**

- Disturbed or Developed Habitat



0 250 500

Feet

Appendix E

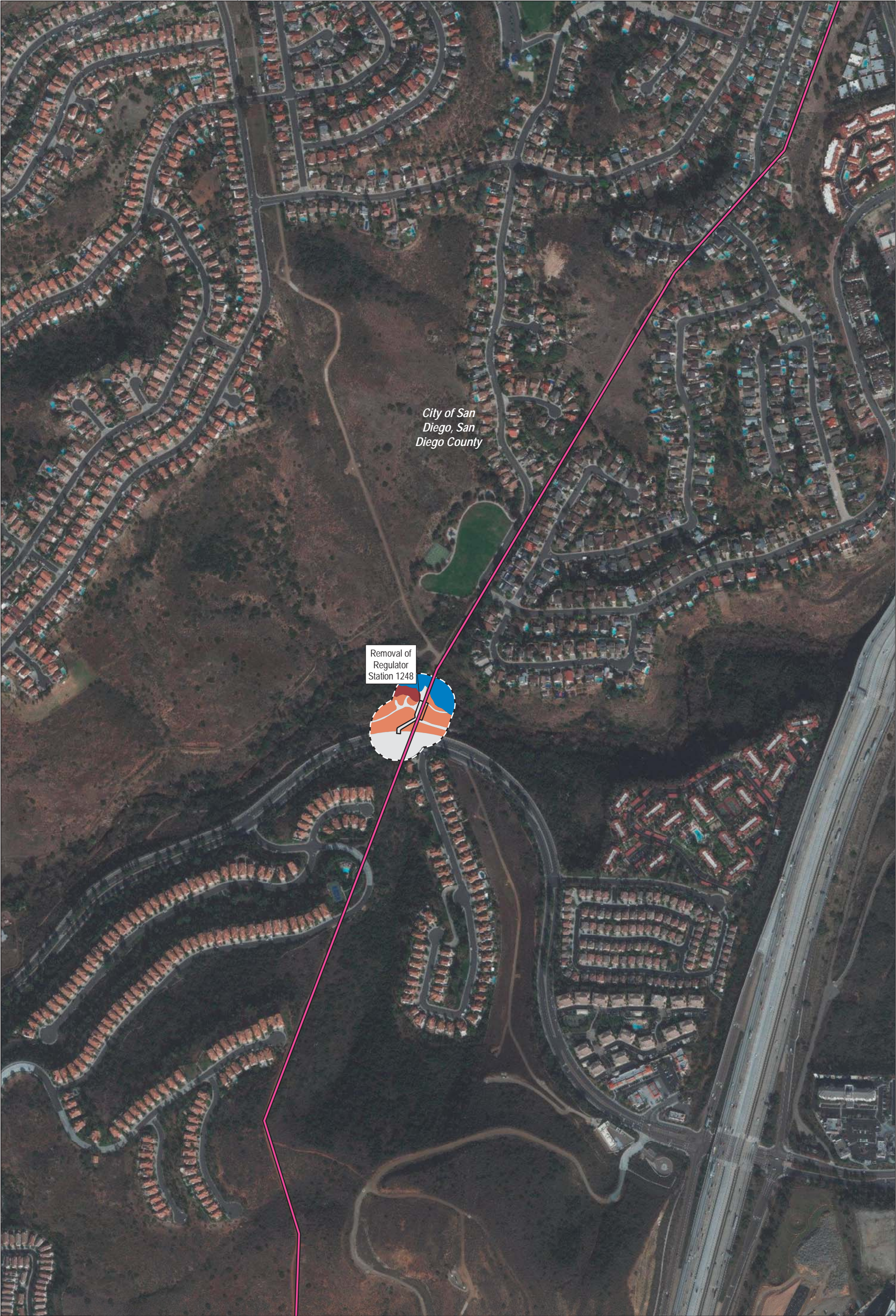
**Vegetation Communities and Special Status Plants in the Biological Resources Survey Area**


Page 46 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
- Workspace Boundary
- Biological Resources Survey Area
- Municipal Boundary

**Surveyed Vegetation - PSRP**

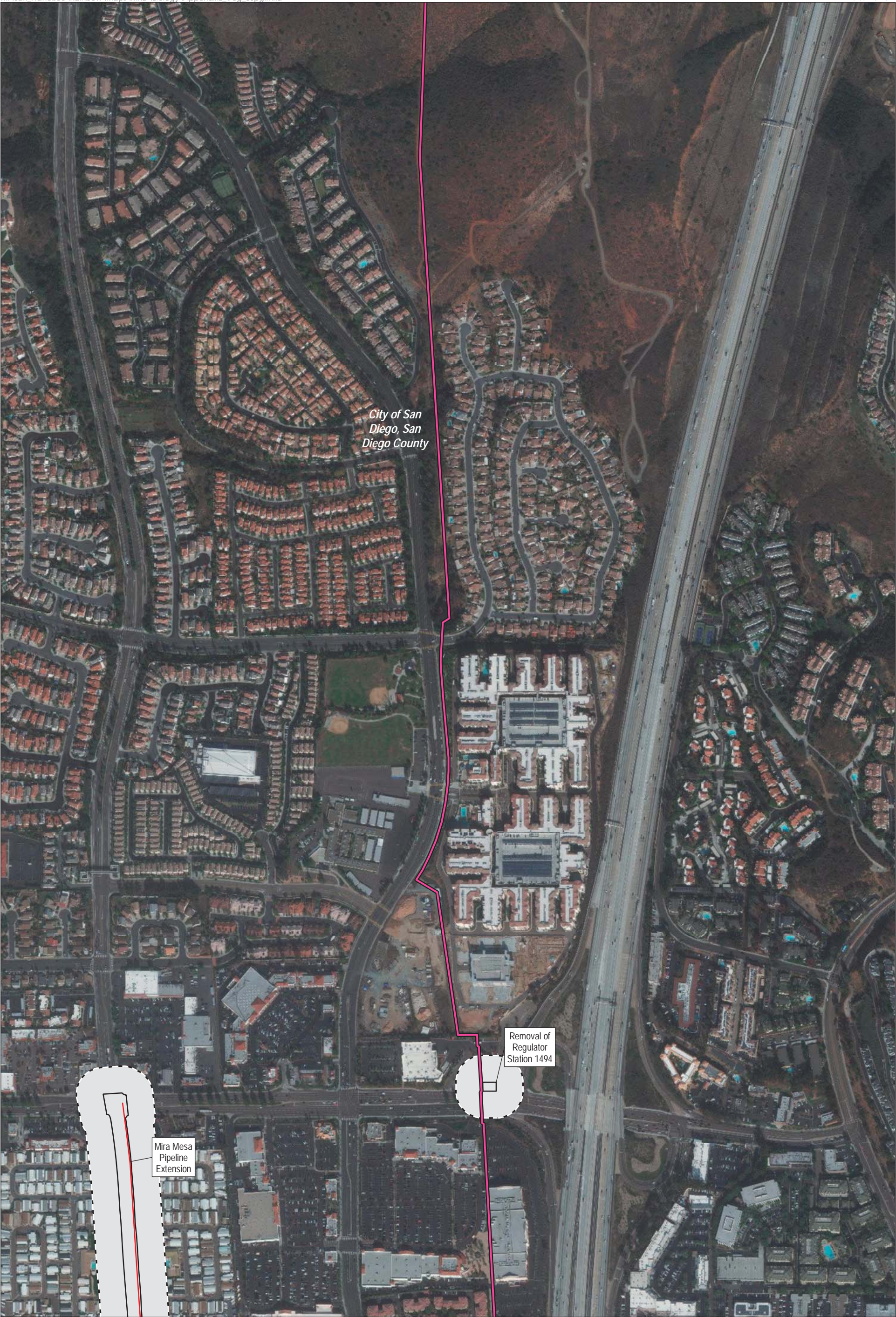
- Disturbed or Developed Habitat
- Riparian and Bottomland Habitat
- Scrub and Chaparral
- Woodland

0 250 500  
Feet



**Appendix E**  
**Vegetation Communities and**  
**Special Status Plants in the**  
**Biological Resources Survey Area**  
*Page 47 of 61*  
Pipeline Safety and Reliability  
Project - New Natural Gas  
Line 3602 and De-rating  
Line 1600  
*San Diego County, CA*





SAN DIEGO COUNTY

— Distribution System Modification

Existing Pipelines

— Existing Line 1600

□ Workspace Boundary

□ Biological Resources Survey Area

□ Municipal Boundary

Surveyed Vegetation - PSRP

■ Disturbed or Developed Habitat

0 250 500

Feet

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

Sources: ESRI 2012, 2018a; SanGIS 2016, 2017; SDG&E 2017; USMC 2017





**SAN DIEGO COUNTY**

**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

0 250 500  
Feet

**Appendix E**

**Vegetation Communities and Special Status Plants in the Biological Resources Survey Area**

*Page 49 of 61*

Pipeline Safety and Reliability Project - New Natural Gas Line 3602 and De-rating Line 1600

*San Diego County, CA*





**SAN DIEGO COUNTY**

— 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

0 250 500  
Feet

**Appendix E**

**Vegetation Communities and Special Status Plants in the Biological Resources Survey Area**

Page 50 of 61

Pipeline Safety and Reliability Project - New Natural Gas Line 3602 and De-rating Line 1600

San Diego County, CA





**SAN DIEGO COUNTY**

**Existing Pipelines**

- Existing Line 1600
- Workspace Boundary
- Biological Resources Survey Area
- MCAS Miramar
- Municipal Boundary

**Surveyed Vegetation - PSRP**

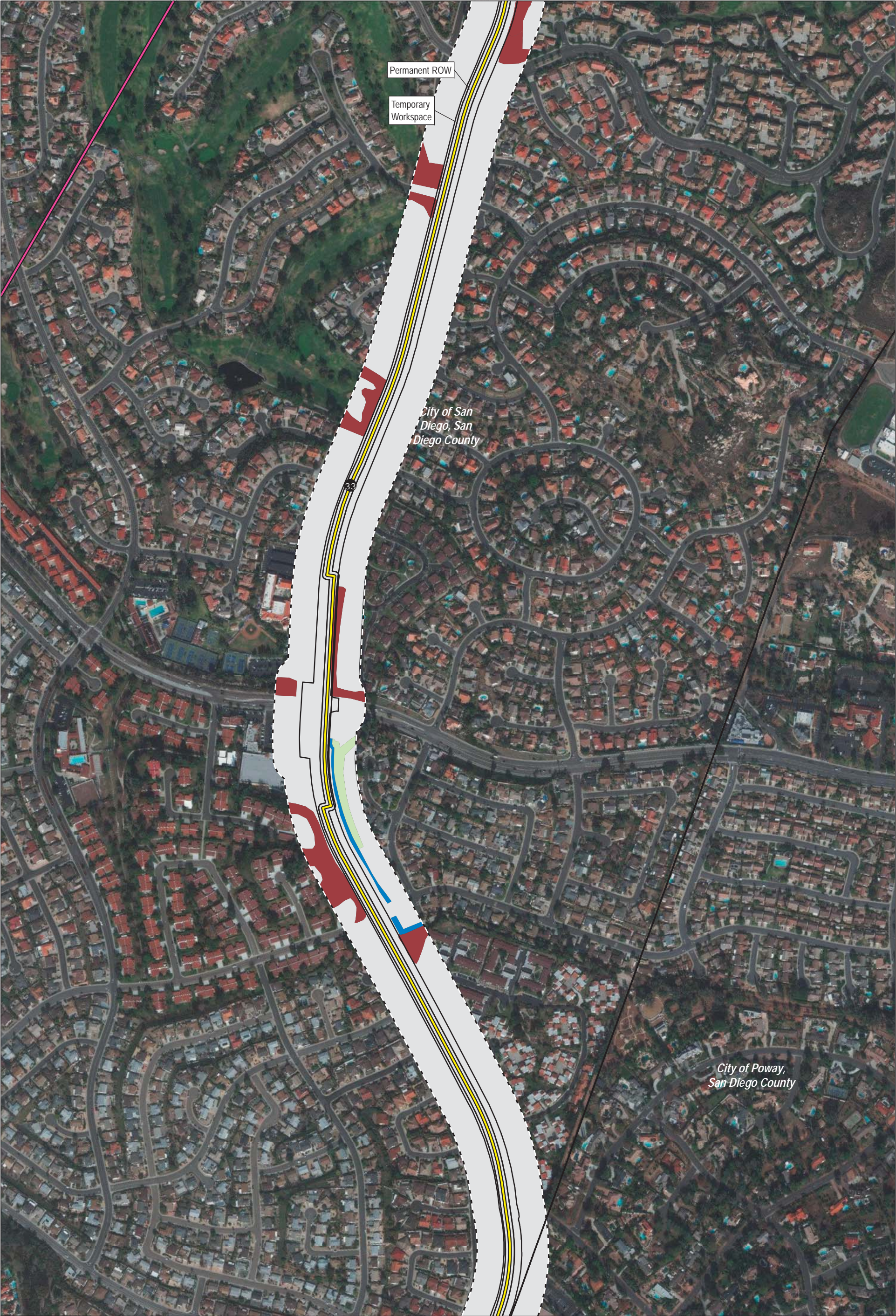
- Bog and Marsh

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

0 250 500  
Feet

**Appendix E**  
**Vegetation Communities and**  
**Special Status Plants in the**  
**Biological Resources Survey Area**  
*Page 51 of 61*  
Pipeline Safety and Reliability  
Project - New Natural Gas  
Line 3602 and De-rating  
Line 1600  
*San Diego County, CA*





**SAN DIEGO COUNTY**

**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

0 250 500  
Feet

**Appendix E**

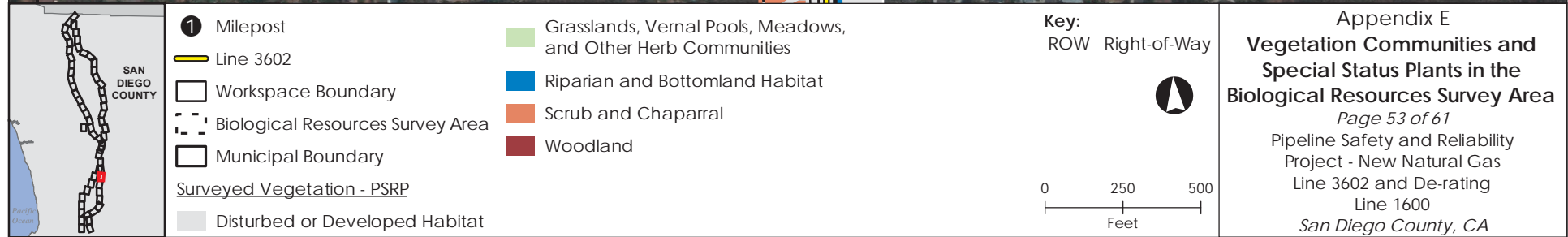
**Vegetation Communities and Special Status Plants in the Biological Resources Survey Area**

*Page 52 of 61*

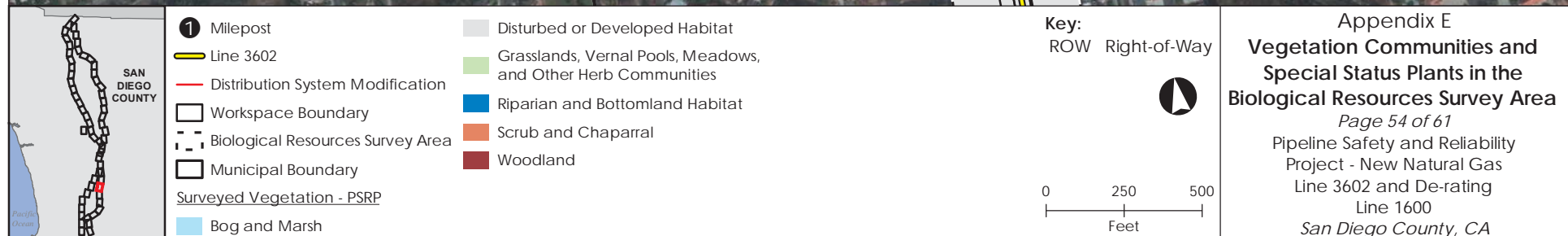
Pipeline Safety and Reliability Project - New Natural Gas Line 3602 and De-rating Line 1600

*San Diego County, CA*
















**①** Milepost

Line 3602

Tie-Ins & Extensions

Distribution System Modification

Bore Pits

Workspace Boundary

Biological Resources Survey Area

Municipal Boundary

Surveyed Vegetation - PSRP


Disturbed or Developed Habitat

Riparian and Bottomland Habitat

Scrub and Chaparral

**Key:**

ROW Right-of-Way



0 250 500

Feet

Appendix E

**Vegetation Communities and Special Status Plants in the Biological Resources Survey Area**

Page 55 of 61

Pipeline Safety and Reliability Project - New Natural Gas Line 3602 and De-rating Line 1600

San Diego County, CA





**SAN DIEGO COUNTY**

● 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

**Key:**

ROW Right-of-Way

0 250 500  
Feet

**Appendix E**

**Vegetation Communities and Special Status Plants in the Biological Resources Survey Area**


Page 56 of 61

Pipeline Safety and Reliability Project - New Natural Gas Line 3602 and De-rating Line 1600

San Diego County, CA







**Legend**

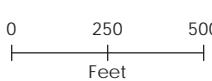

- ① Milepost
- Line 3602
- Workspace Boundary
- Biological Resources Survey Area
- MCAS Miramar
- Municipal Boundary
- PSRP - Plants

**Surveyed Vegetation - PSRP**

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

**Key:**

ROW Right-of-Way



**Appendix E**

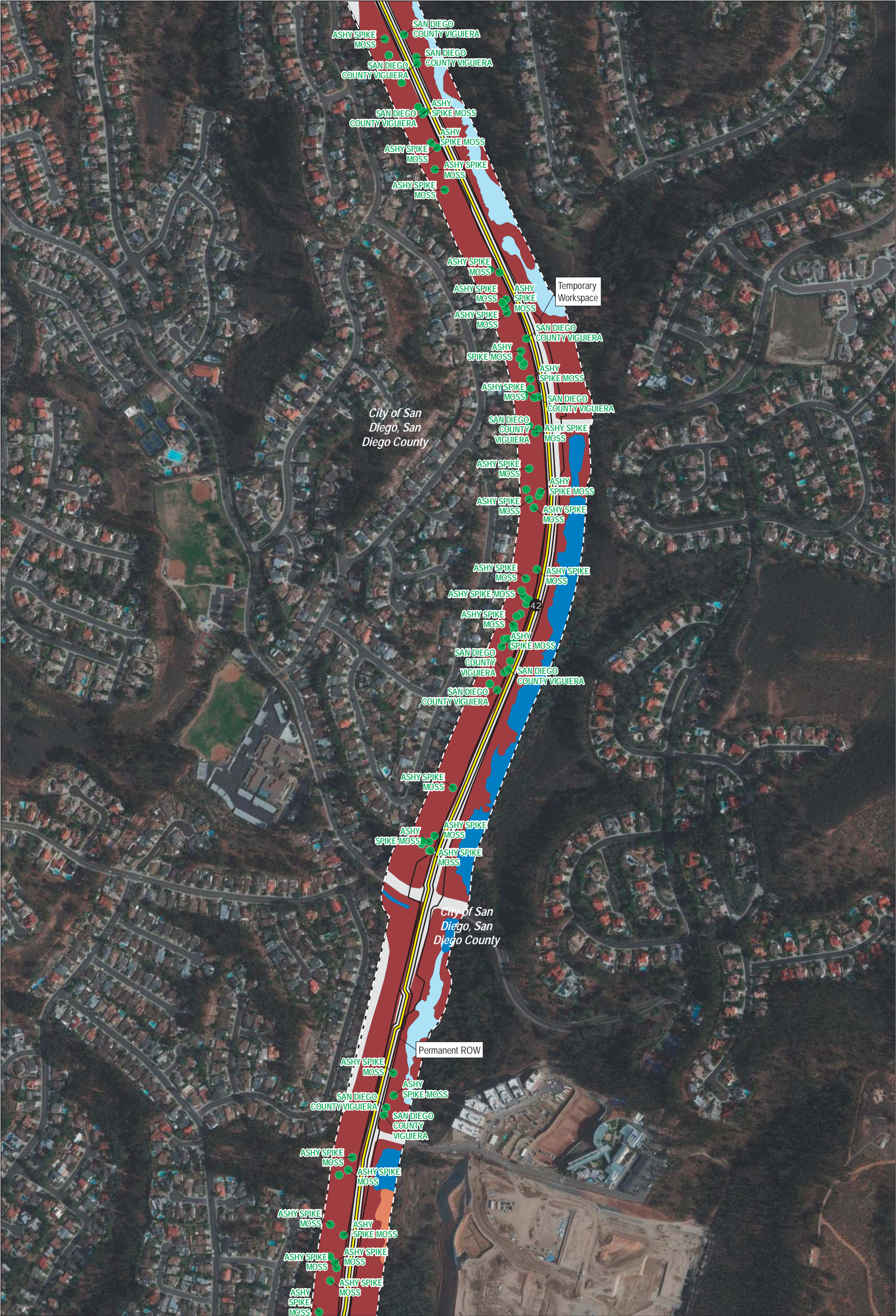
**Vegetation Communities and Special Status Plants in the Biological Resources Survey Area**


Page 57 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**

Bog and Marsh
Disturbed or Developed Habitat
Riparian and Bottomland Habitat
Scrub and Chaparral
Woodland

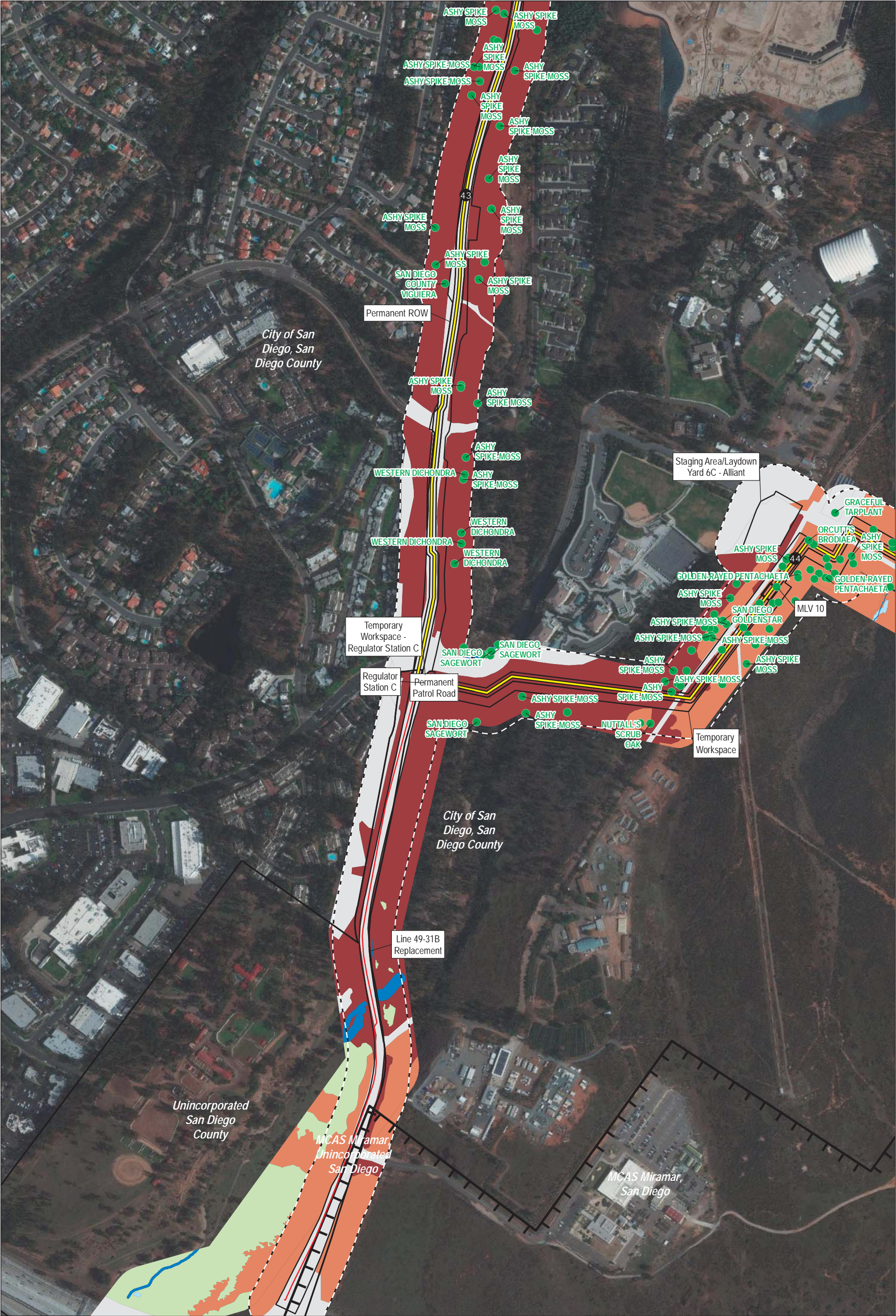
**Key:**  
ROW Right-of-Way




0 250 500  
Feet

**Appendix E**  
**Vegetation Communities and**  
**Special Status Plants in the**  
**Biological Resources Survey Area**  
*Page 58 of 61*  
Pipeline Safety and Reliability  
Project - New Natural Gas  
Line 3602 and De-rating  
Line 1600  
*San Diego County, CA*







**Legend**

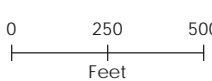

- ① Milepost
- Line 3602
- Distribution System Modification
- Workspace Boundary
- Biological Resources Survey Area
- MCAS Miramar
- Municipal Boundary
- PSRP - Plants

**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

**Key:**

ROW Right-of-Way



**Appendix E**

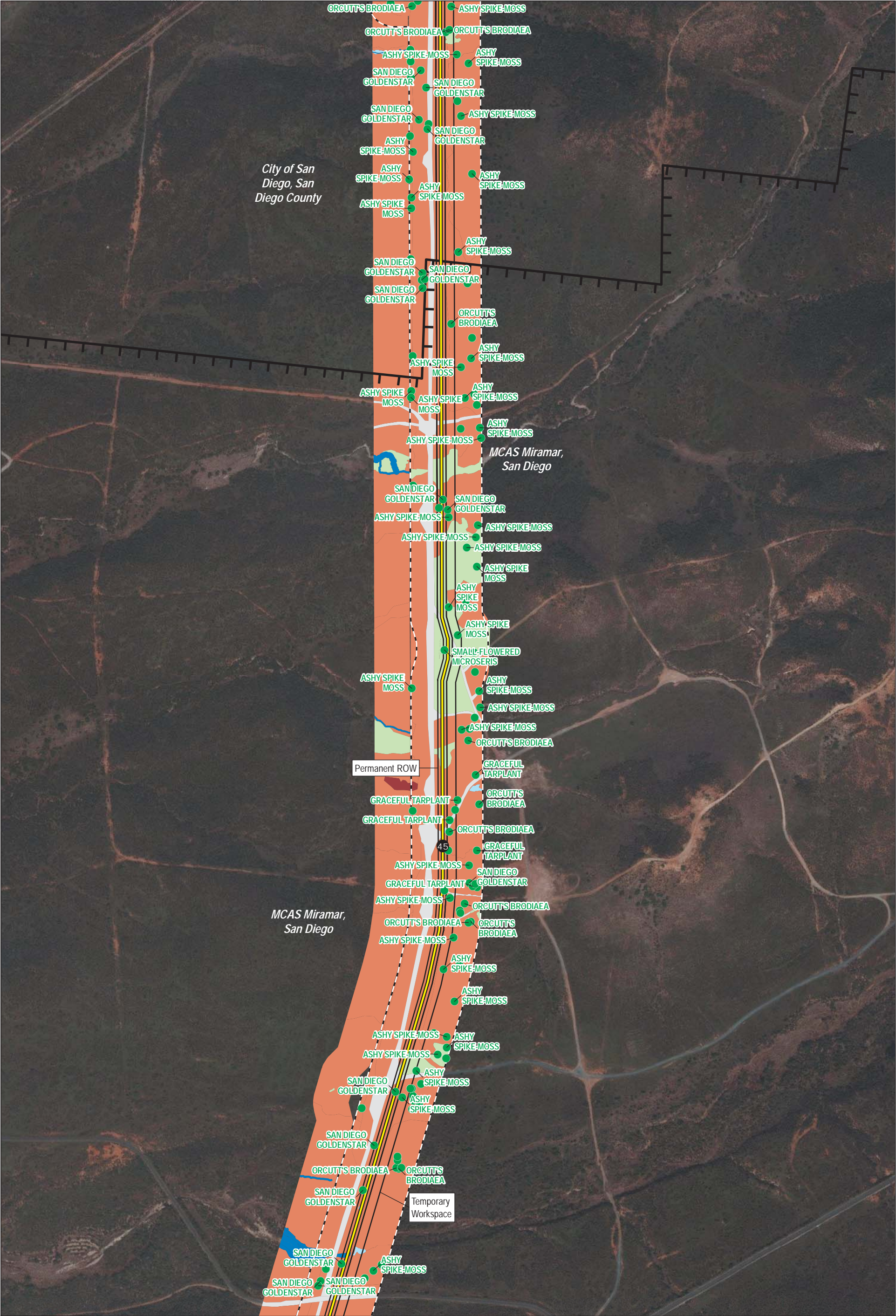
**Vegetation Communities and Special Status Plants in the Biological Resources Survey Area**

Page 59 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
- 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

0 250 500  
Feet

Appendix E  
Vegetation Communities and  
Special Status Plants in the  
Biological Resources Survey Area  
Page 60 of 61  
Pipeline Safety and Reliability  
Project - New Natural Gas  
Line 3602 and De-rating  
Line 1600  
San Diego County, CA





**Legend**

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

**Surveied 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:**

ROW Right-of-Way

0 250 500  
Feet

**Appendix E**

**Vegetation Communities and Special Status Plants in the Biological Resources Survey Area**

Page 61 of 61

Pipeline Safety and Reliability Project - New Natural Gas Line 3602 and De-rating Line 1600

San Diego County, CA