



Proponent's Environmental Assessment for Southern California Edison Company's Eagle Mountain-Blythe 161 kiloVolt Transmission Line Rating Remediation Project Volume 5

July 31, 2024 (PEA submittal date)

Remove existing subtransmission structures and conductors, install new subtransmission structures and conductors on existing distribution and subtransmission circuits.

The Eagle Mountain-Blythe 161 kiloVolt Transmission Line Rating Remediation Project would be located in Riverside County and the City of Blythe within the State of California.

Application A.24-XX-XX to the California Public Utilities Commission

*Prepared by Rincon Consultants, Inc.
180 North Ashwood Avenue
Ventura, California 93003
Lindsey Sarquilla
Project Manager
(805) 869-1672
lsarquilla@rinconconsultants.com*

*Prepared for Southern California Edison Company
2 Innovation Way, 3rd Floor
Pomona, California 91768
Nora Harris
Major Construction Senior Project Manager
(626) 418-9454
Nora.Harris@sce.com*

Volume 5 - Table of Contents

Volume 5 – List of Appendices

Appendix A Project Mapbook

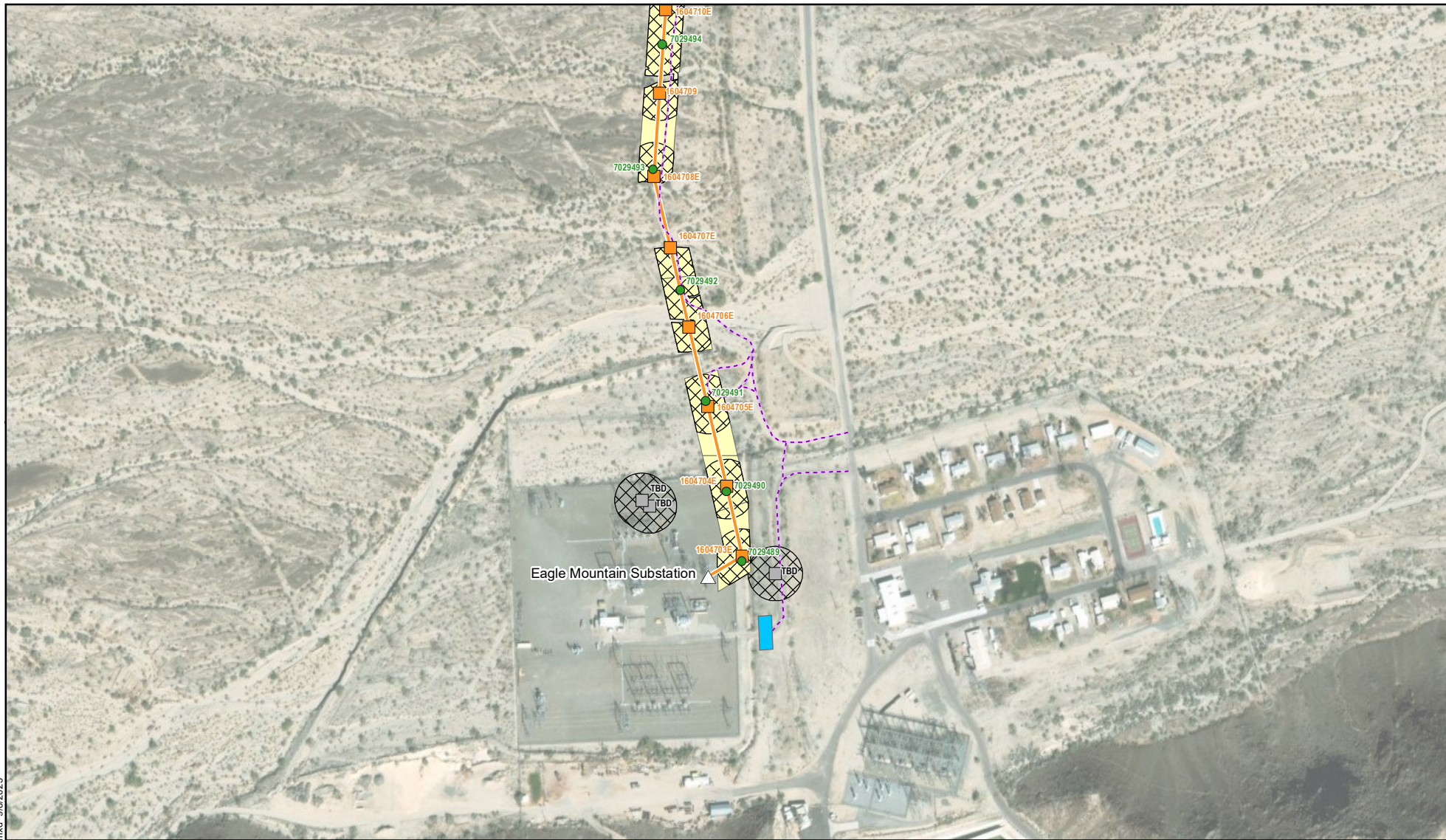
Appendix B Emissions Calculations: Air Quality and Greenhouse Gas

This page intentionally left blank.

Appendix A

Project Mapbook

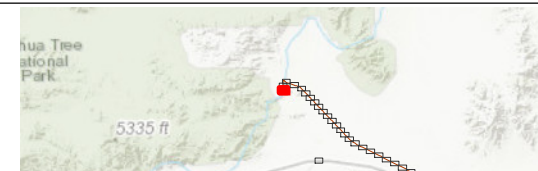
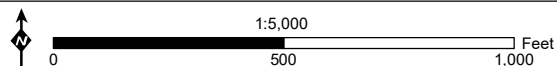
Z:\Projects\SCE_EMB\MXD\WIND\Detailed Route 6k.mxd 9/8/2023



Appendix A: Project Mapbook 1 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- | | | |
|---------------------|--------------------|--|
| Existing Substation | Existing Structure | Structure Work Area |
| Project Alignment | New Structure | Wire Setup |
| Access Road | Remove Structure | Existing Operations and Maintenance Area |



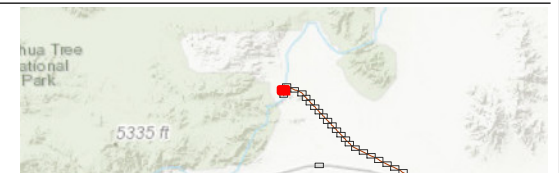
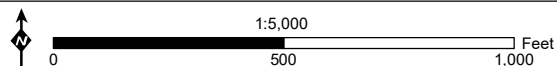
Z:\Projects\SCE_EMB\MXD\WIND\Detailed Route 6k.mxd 9/8/2023



Appendix A: Project Mapbook 2 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- | | | |
|---------------------|--------------------|--|
| — Project Alignment | ● New Structure | ■ Structure Work Area |
| - - - Access Road | ■ Remove Structure | ▨ Existing Operations and Maintenance Area |



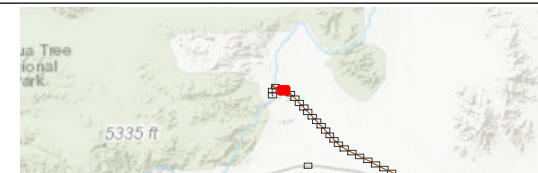
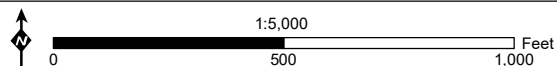
Z:\Projects\SCE_EMB\MXD\1\W\ND\Detailed Route 6k.mxd 9/8/2023



Appendix A: Project Mapbook 4 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- Project Alignment
- Access Road
- Existing Structure
- Existing Operations and Maintenance Area



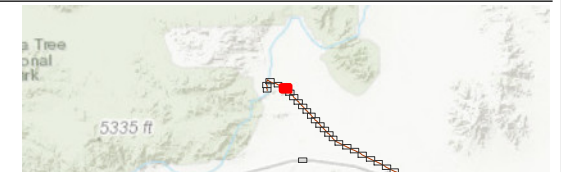
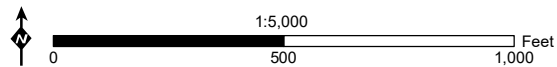
Z:\Projects\SCE_EMB\MXDs\W\ND\Detailed Route 6k.mxd 9/8/2023



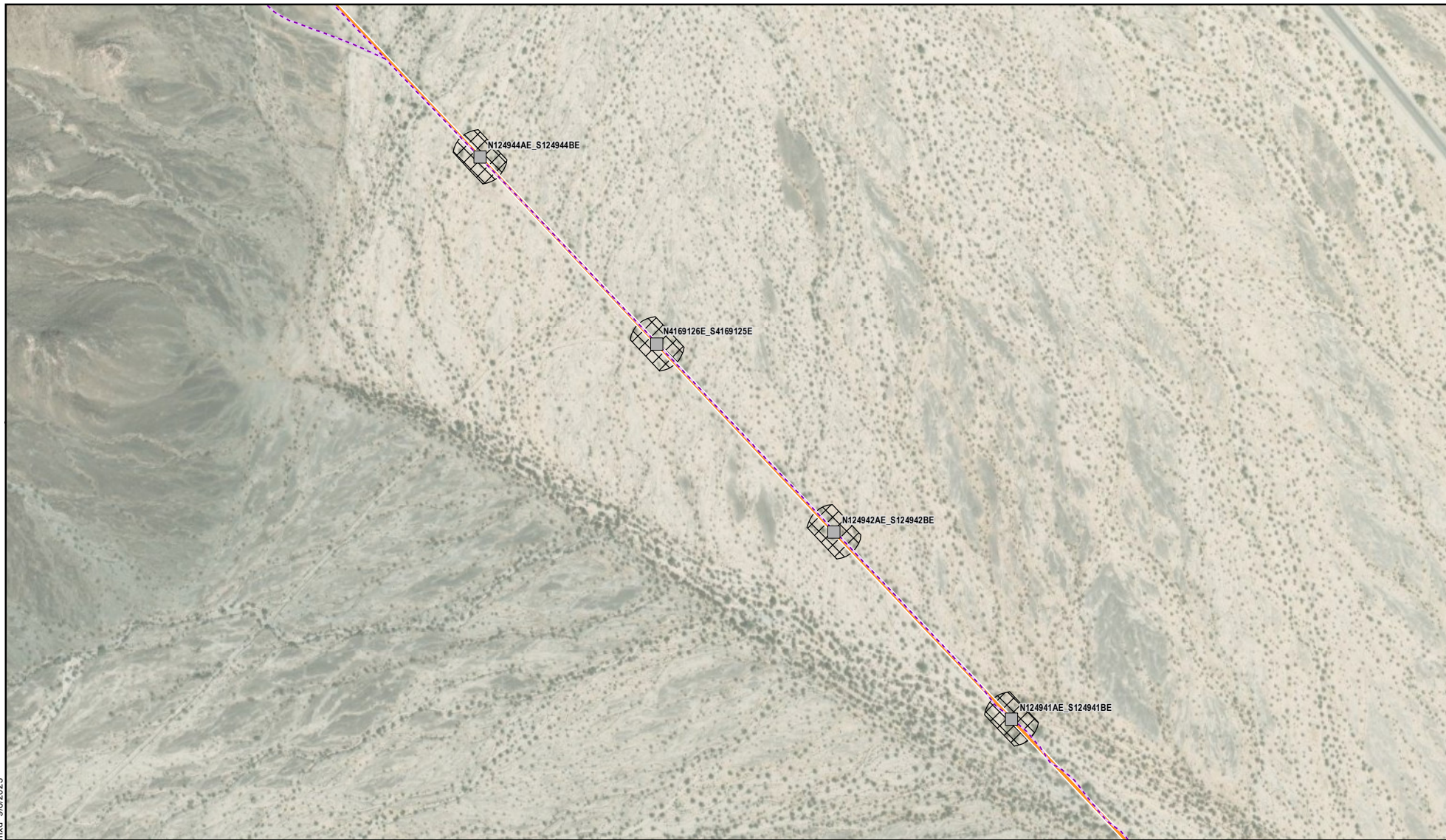
Appendix A: Project Mapbook 5 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- | | | |
|-------------------|--|---------------------|
| Project Alignment | Existing Structure | Structure Work Area |
| Access Road | New Structure | Wire Setup |
| Remove Structure | Existing Operations and Maintenance Area | |



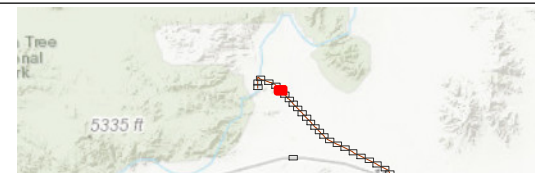
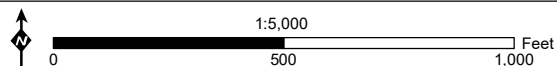
Z:\Projects\SCE_EMB\MXDs\W\ND\Detailed Route 6k.mxd 9/8/2023



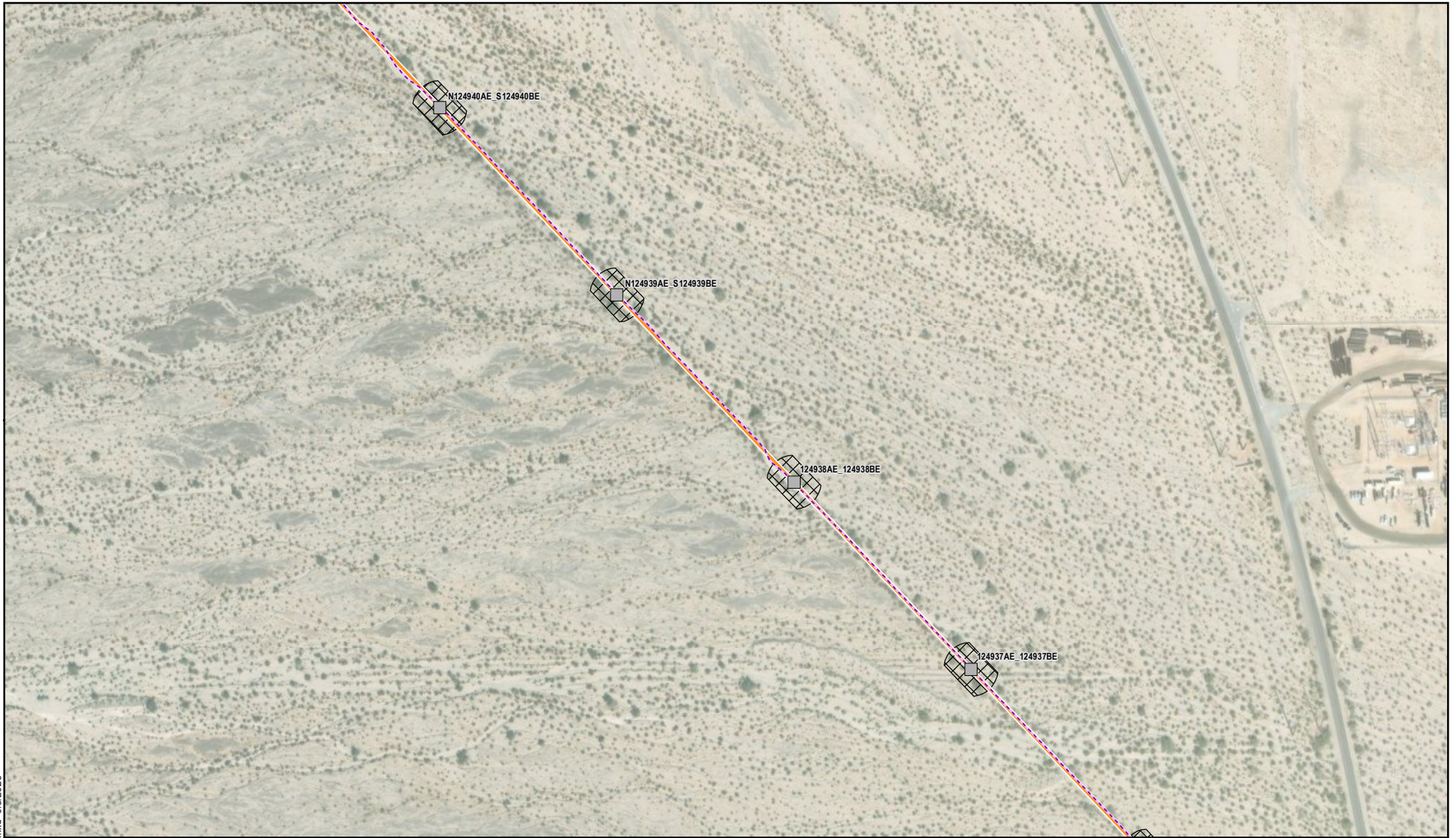
Appendix A: Project Mapbook 6 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- Project Alignment
- Access Road
- Existing Structure
- Existing Operations and Maintenance Area



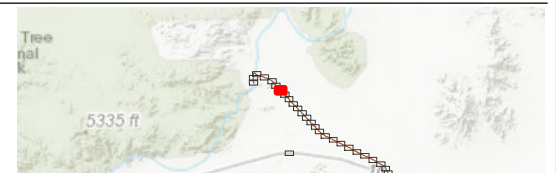
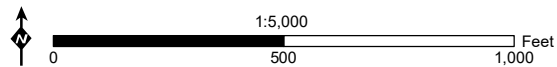
Z:\Projects\SCE_EMB\MXD\WIND\Detailed Route 6k.mxd 9/8/2023



Appendix A: Project Mapbook 7 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- Project Alignment
- Access Road
- Existing Structure
- Existing Operations and Maintenance Area



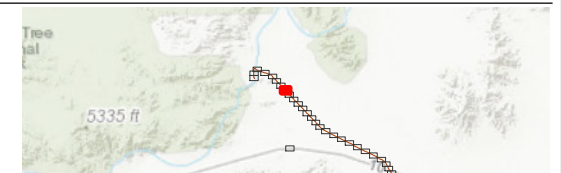
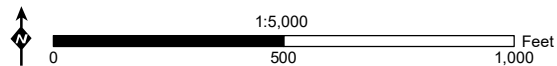
Z:\Projects\SCE_EMB\MXDs\WIND\Detailed Route 6k.mxd 9/8/2023



Appendix A: Project Mapbook 8 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- | | | |
|--|--|--|
|  Project Alignment |  Existing Structure |  Guard Site |
|  Access Road |  Existing Operations and Maintenance Area | |



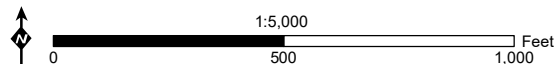
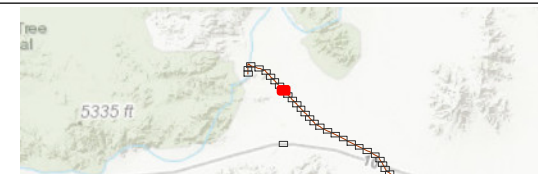
Z:\Projects\SCE_EMB\MXD\W\ND\Detailed Route 6k.mxd 9/8/2023



Appendix A: Project Mapbook 9 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- | | | |
|--|--|--|
|  Project Alignment |  Existing Structure |  Wire Setup |
|  Access Road |  Existing Operations and Maintenance Area | |



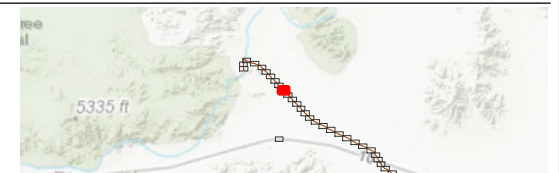
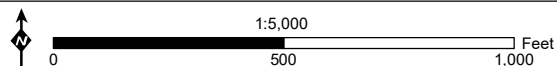
Z:\Projects\SCE_EMB\MXD\W\ND\Detailed Route 6k.mxd 9/8/2023



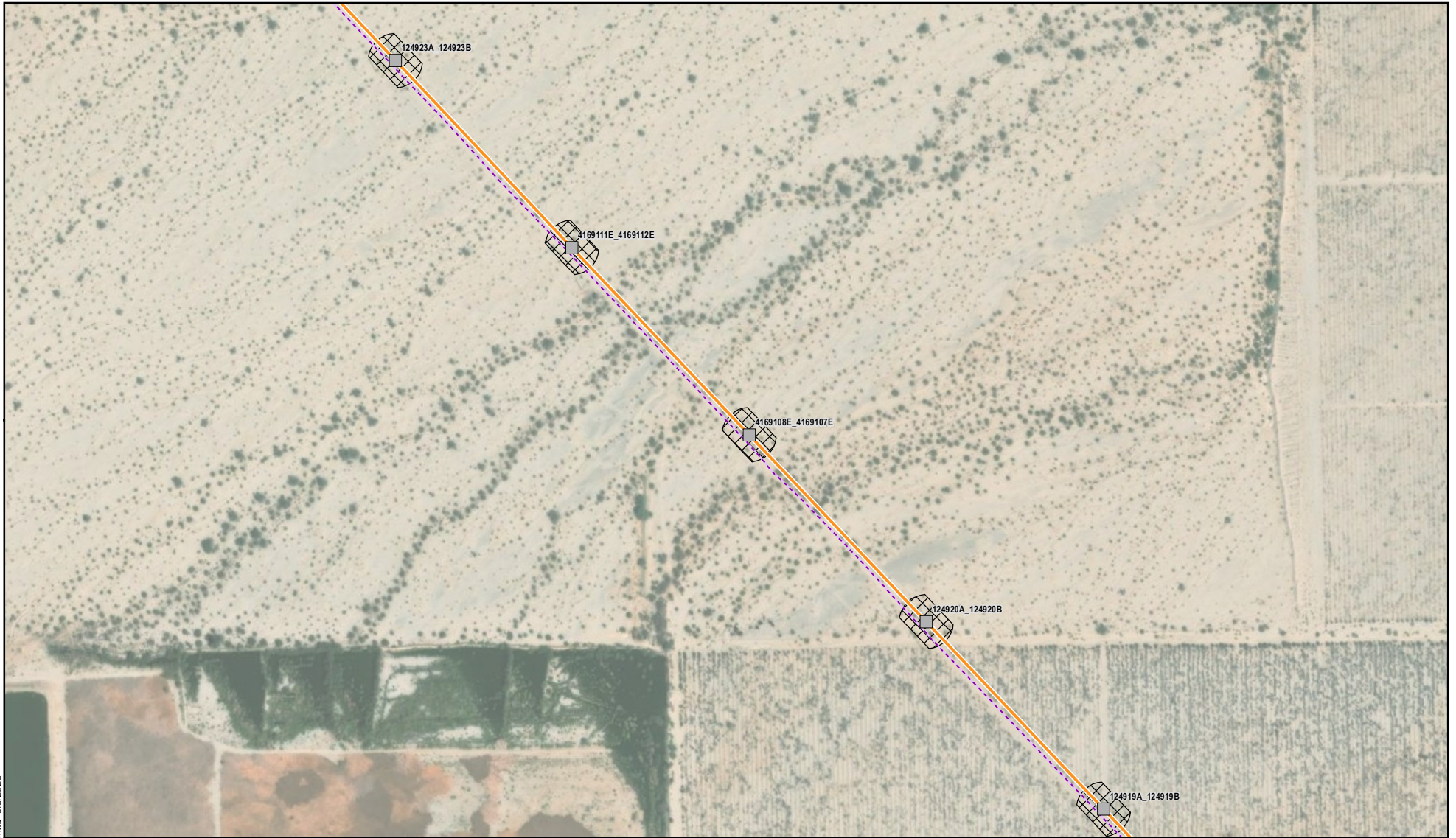
Appendix A: Project Mapbook 10 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- Project Alignment
- Access Road
- Existing Structure
- Existing Operations and Maintenance Area



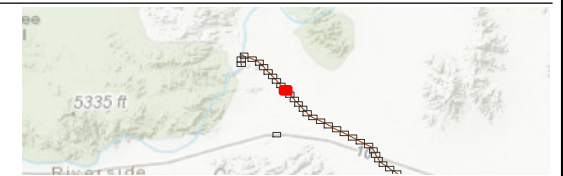
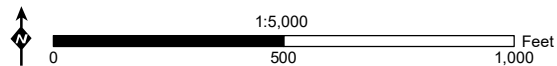
Z:\Projects\SCE_EMB\MXD\1\WIND\Detailed Route 6k.mxd 9/8/2023



Appendix A: Project Mapbook 11 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- Project Alignment
- Access Road
- Existing Structure
- Existing Operations and Maintenance Area



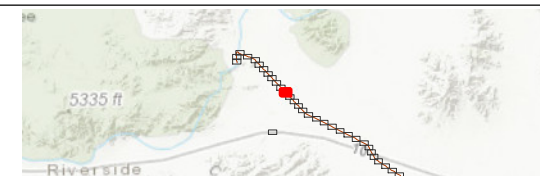
Z:\Projects\SCE_EMB\MXDs\WIND\Detailed Route 6k.mxd 9/8/2023



Appendix A: Project Mapbook 12 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- Project Alignment
- Access Road
- Existing Structure
- Existing Operations and Maintenance Area



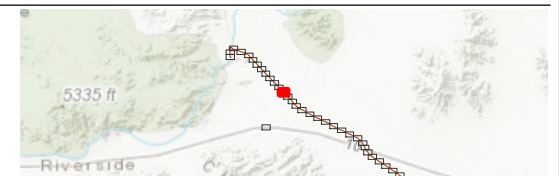
Z:\Projects\SCE_EMB\MXD\WIND\Detailed Route 6k.mxd 9/8/2023



Appendix A: Project Mapbook 13 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- Project Alignment
- Existing Structure
- Wire Setup
- Access Road
- Existing Operations and Maintenance Area



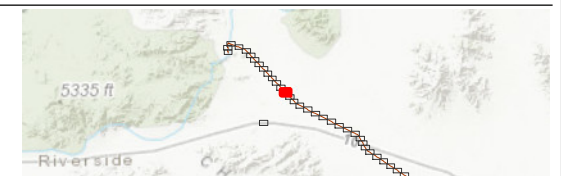
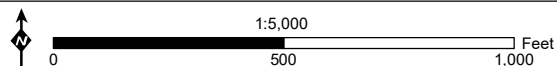
Z:\Projects\SCE_EMB\MXD\W\ND\Detailed Route 6k.mxd 9/8/2023



Appendix A: Project Mapbook 14 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- | | | |
|---------------------|--|---------------------|
| — Project Alignment | Existing Structure | Guard Site |
| - - - Access Road | New Structure | Structure Work Area |
| Remove Structure | Existing Operations and Maintenance Area | |



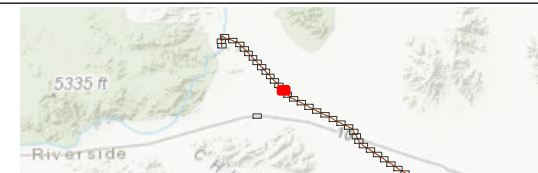
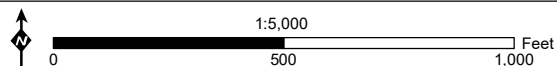
Z:\Projects\SCE_EMB\MXDs\WIND\Detailed Route 6k.mxd 9/8/2023



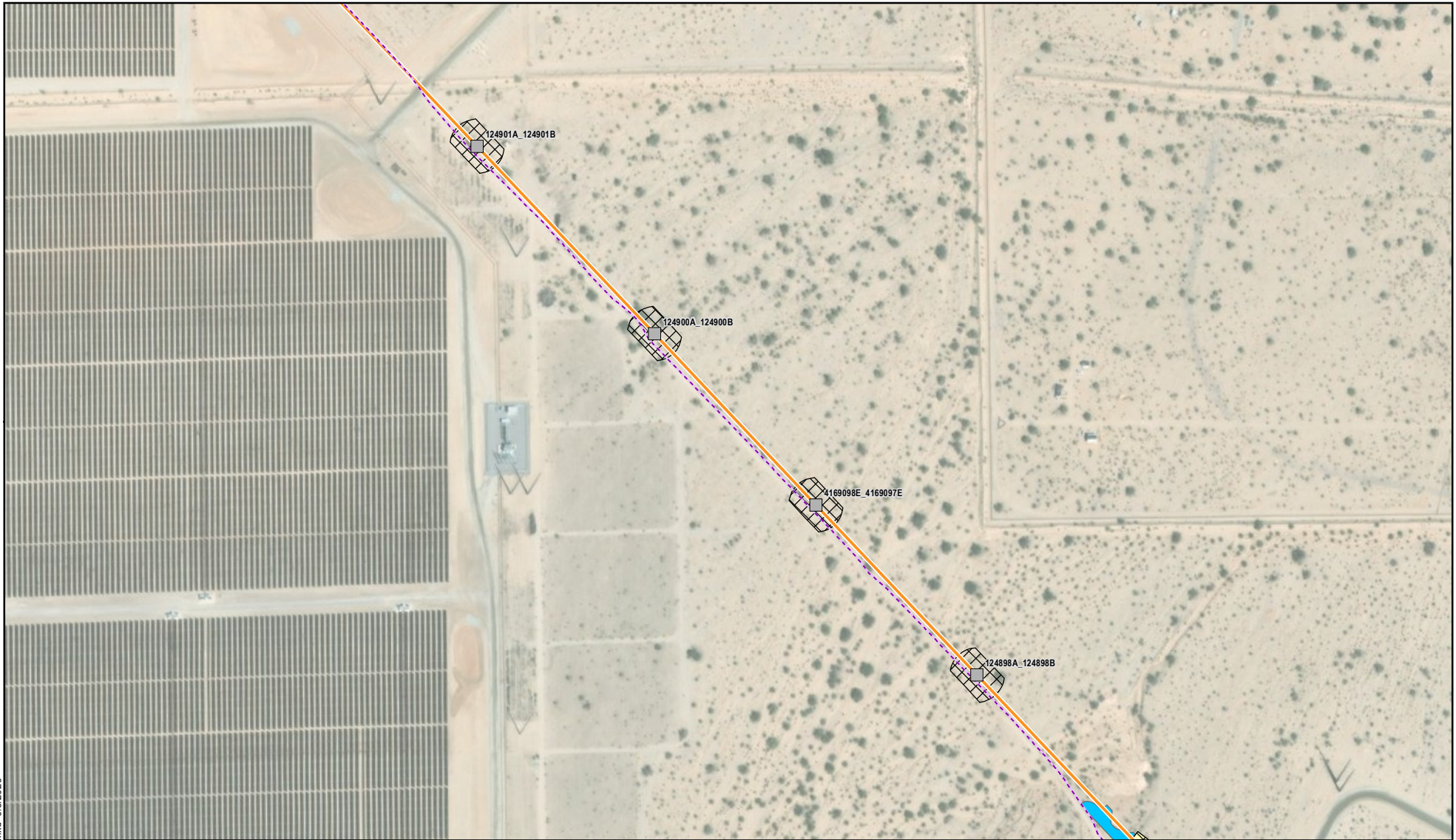
Appendix A: Project Mapbook 15 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- Project Alignment
- Access Road
- Existing Structure
- Existing Operations and Maintenance Area



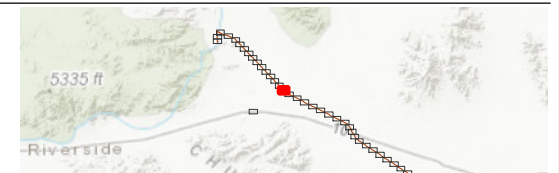
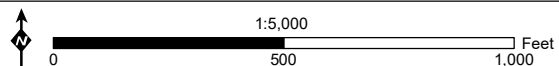
Z:\Projects\SCE_EMB\MXD\1\W\ND\Detailed Route 6k.mxd 9/8/2023

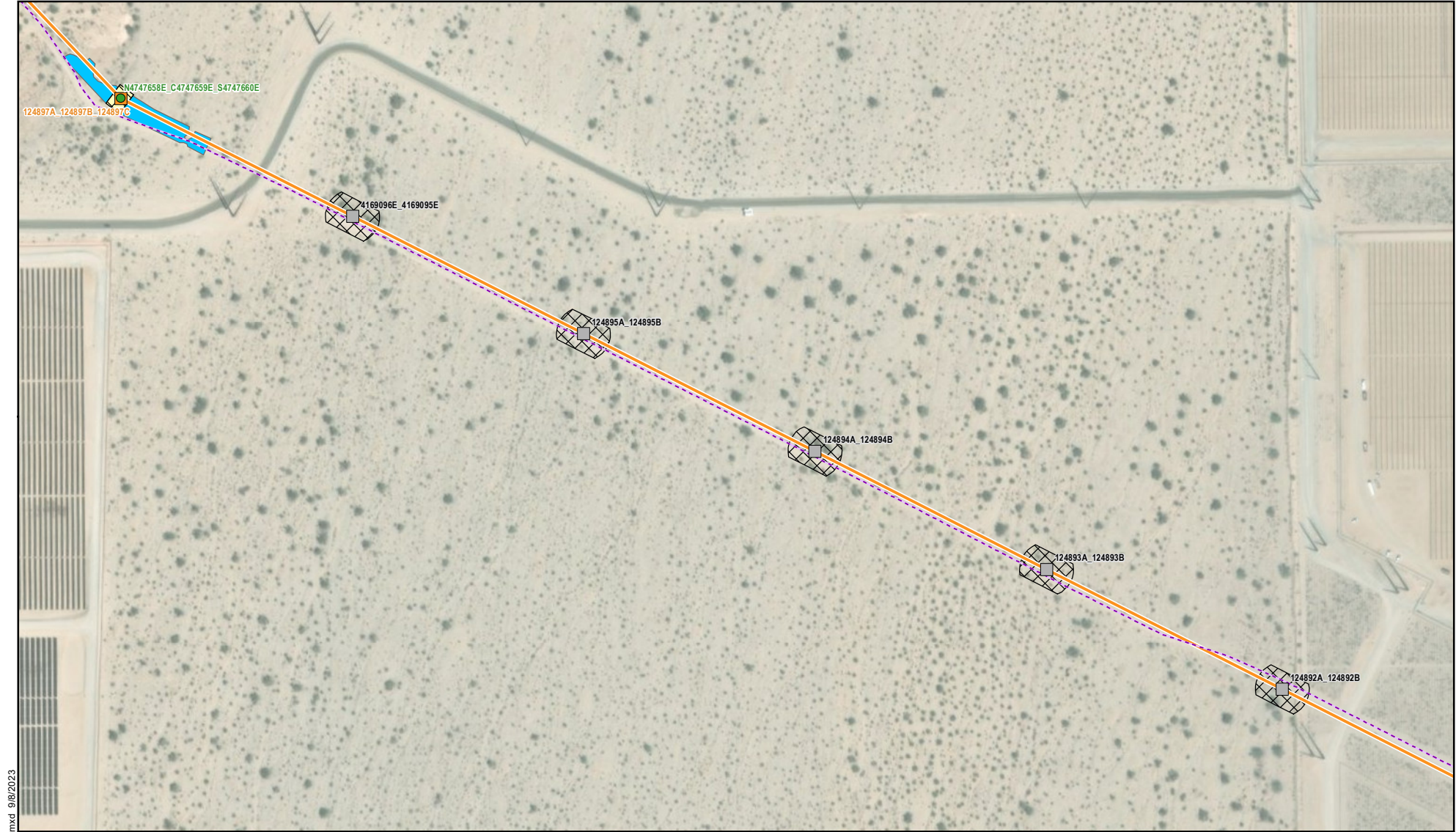


Appendix A: Project Mapbook 16 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- | | | |
|---------------------|--|---------------------|
| — Project Alignment | Existing Structure | Structure Work Area |
| - - - Access Road | Remove Structure | Wire Setup |
| | Existing Operations and Maintenance Area | |



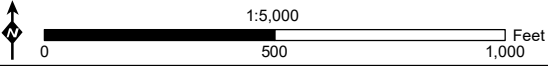
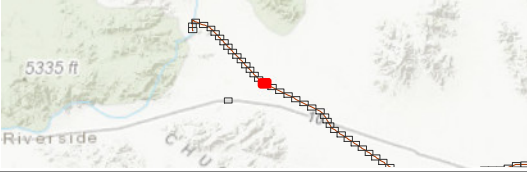


Z:\Projects\SCE_EMB\MXDs\W\ND\Detailed Route 6k.mxd 9/8/2023

Appendix A: Project Mapbook 17 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- Project Alignment
- Access Road
- Existing Structure
- New Structure
- Remove Structure
- Structure Work Area
- Wire Setup
- Existing Operations and Maintenance Area



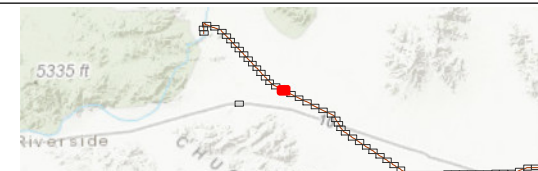
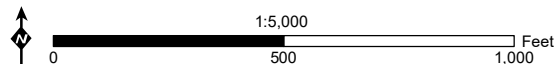
Z:\Projects\SCE_EMB\MXD\W\ND\Detailed Route 6k.mxd 9/8/2023



Appendix A: Project Mapbook 18 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- Project Alignment
- Existing Structure
- Wire Setup
- Access Road
- Existing Operations and Maintenance Area



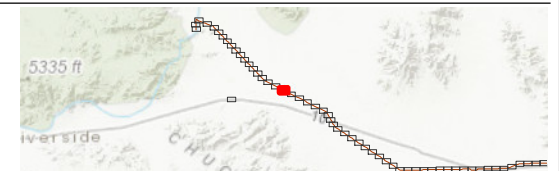
Z:\Projects\SCE_EMB\MXD\WIND\Detailed Route 6k.mxd 9/8/2023



Appendix A: Project Mapbook 19 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- Project Alignment
- Existing Structure
- Wire Setup
- Access Road
- Existing Operations and Maintenance Area



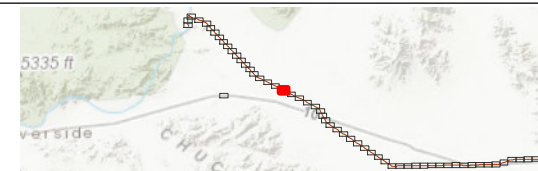
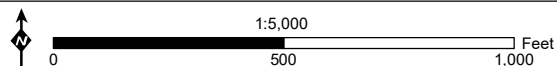
Z:\Projects\SCE_EMB\MXD\WIND\Detailed Route 6k.mxd 9/8/2023



Appendix A: Project Mapbook 20 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- Project Alignment
- Access Road
- Existing Structure
- Existing Operations and Maintenance Area



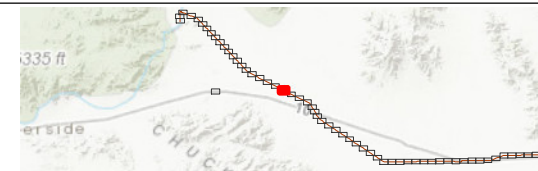
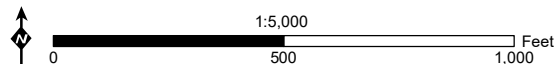
Z:\Projects\SCE_EMB\MXD\WIND\Detailed Route 6k.mxd 9/8/2023



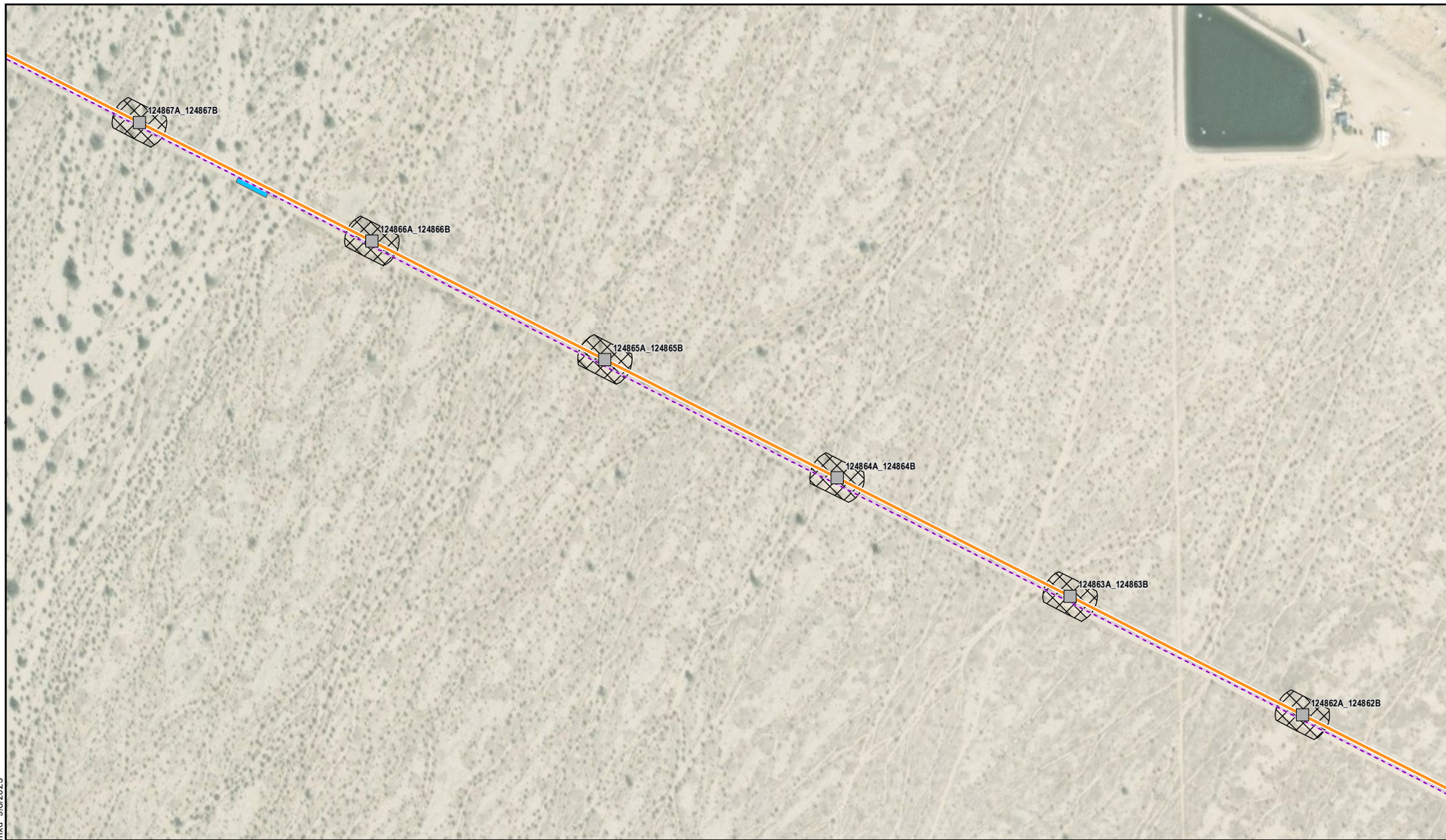
Appendix A: Project Mapbook 21 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- Project Alignment
- Access Road
- Existing Structure
- Existing Operations and Maintenance Area



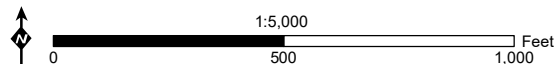
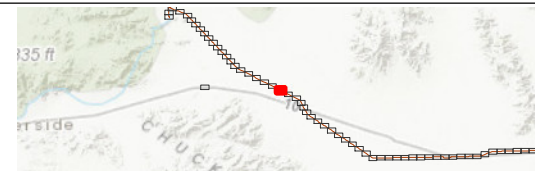
Z:\Projects\SCE_EMB\MXD\W\ND\Detailed Route 6k.mxd 9/8/2023



Appendix A: Project Mapbook 22 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- | | | |
|--|--|--|
|  Project Alignment |  Existing Structure |  Wire Setup |
|  Access Road |  Existing Operations and Maintenance Area | |



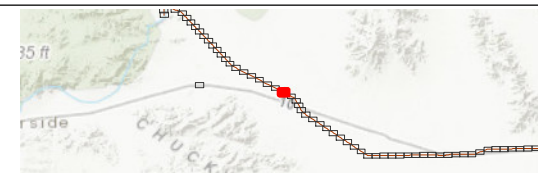
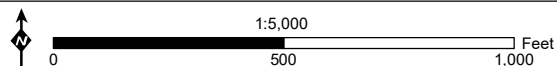
Z:\Projects\SCE_EMB\MXD\1\W\ND\Detailed Route 6k.mxd 9/8/2023



Appendix A: Project Mapbook 23 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- Project Alignment
- Access Road
- Existing Structure
- Existing Operations and Maintenance Area

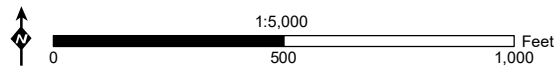


Z:\Projects\SCE_EMB\MXD\1\W\Detailed Route 6k.mxd 9/8/2023

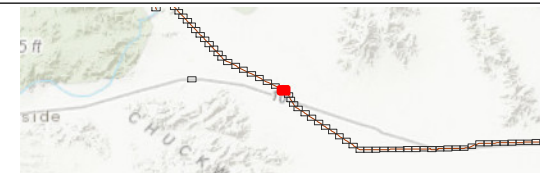


Appendix A: Project Mapbook 24 of 74

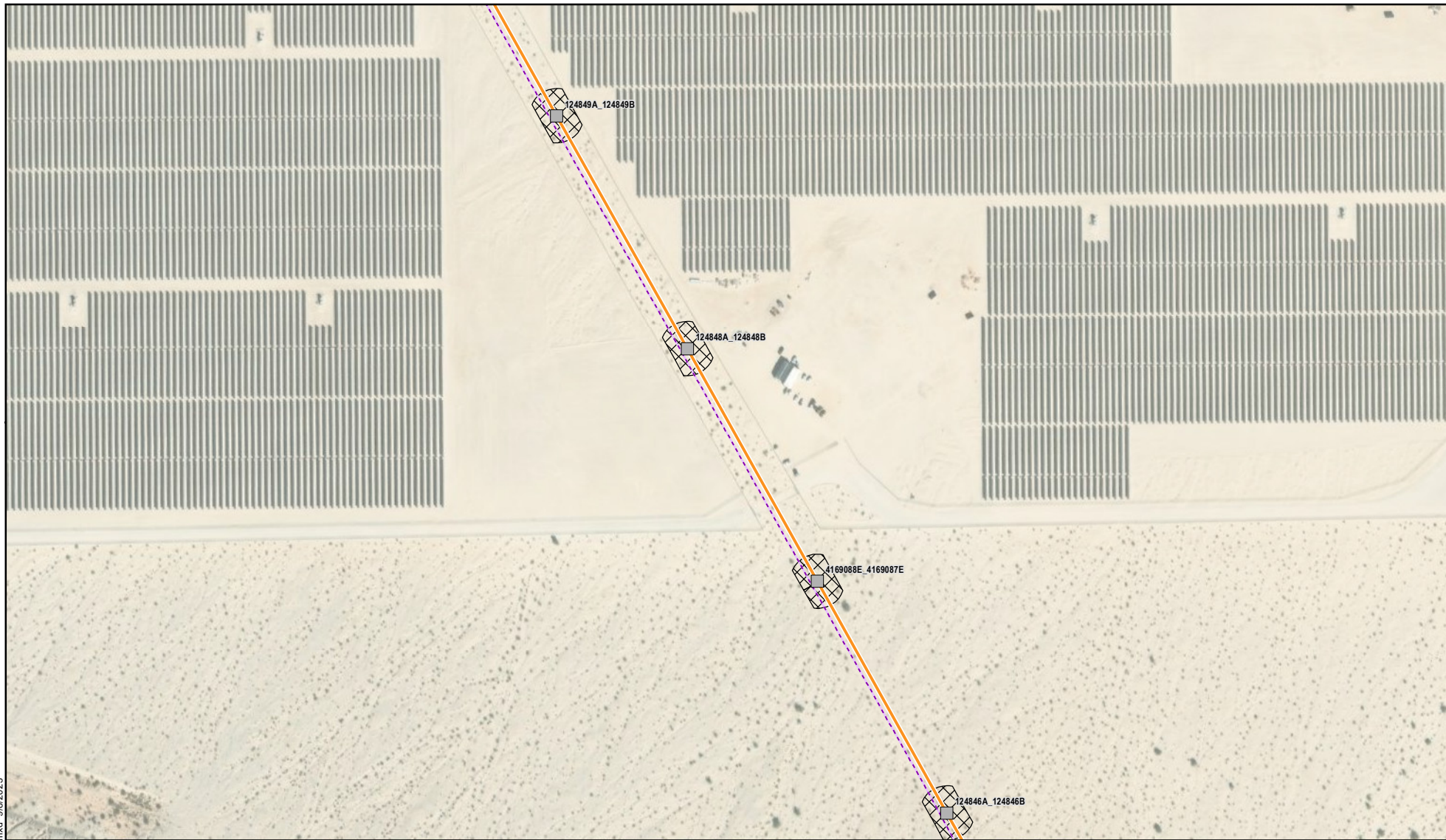
- | | | |
|-------------------|--|---------------------|
| Project Alignment | Existing Structure | Structure Work Area |
| Access Road | New Structure | Wire Setup |
| Remove Structure | Existing Operations and Maintenance Area | |



Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project



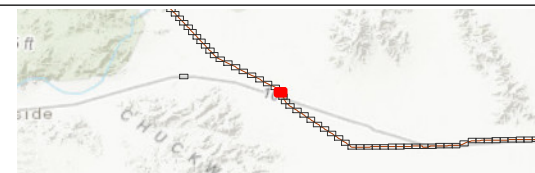
Z:\Projects\SCE_EMB\MXDs\W\ND\Detailed Route 6k.mxd 9/8/2023



Appendix A: Project Mapbook 25 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- Project Alignment
- Access Road
- Existing Structure
- Existing Operations and Maintenance Area



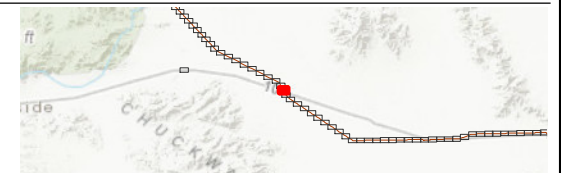
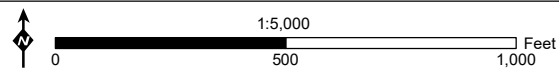
Z:\Projects\SCE_EMB\MXDs\WIND\Detailed Route 6k.mxd 9/8/2023



Appendix A: Project Mapbook 26 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- Project Alignment
- Existing Structure
- Guard Site
- Access Road
- Existing Operations and Maintenance Area



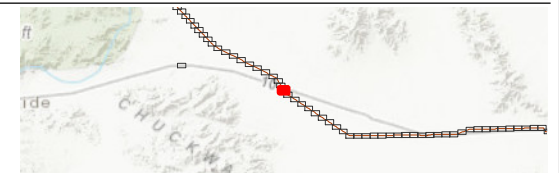
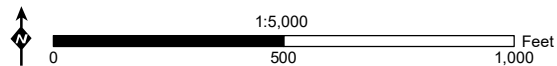
Z:\Projects\SCE_EMB\MXD\WIND\Detailed Route 6k.mxd 9/8/2023



Appendix A: Project Mapbook 27 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- | | | |
|---------------------|--------------------|--|
| — Project Alignment | Existing Structure | Guard Site |
| - - - Access Road | Remove Structure | Structure Work Area |
| | Wire Setup | Existing Operations and Maintenance Area |



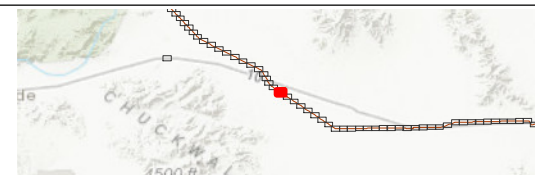
Z:\Projects\SCE_EMB\MXDs\W\ND\Detailed Route 6k.mxd 9/8/2023



Appendix A: Project Mapbook 29 of 74

- Project Alignment
- Access Road
- Existing Structure
- Existing Operations and Maintenance Area

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project



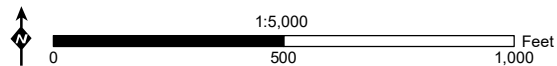
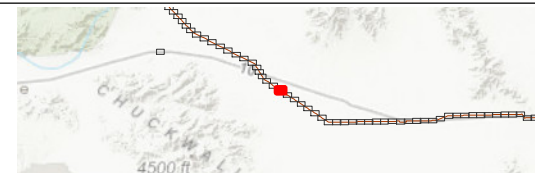
Z:\Projects\SCE_EMB\MXD\WIND\Detailed Route 6k.mxd 9/8/2023



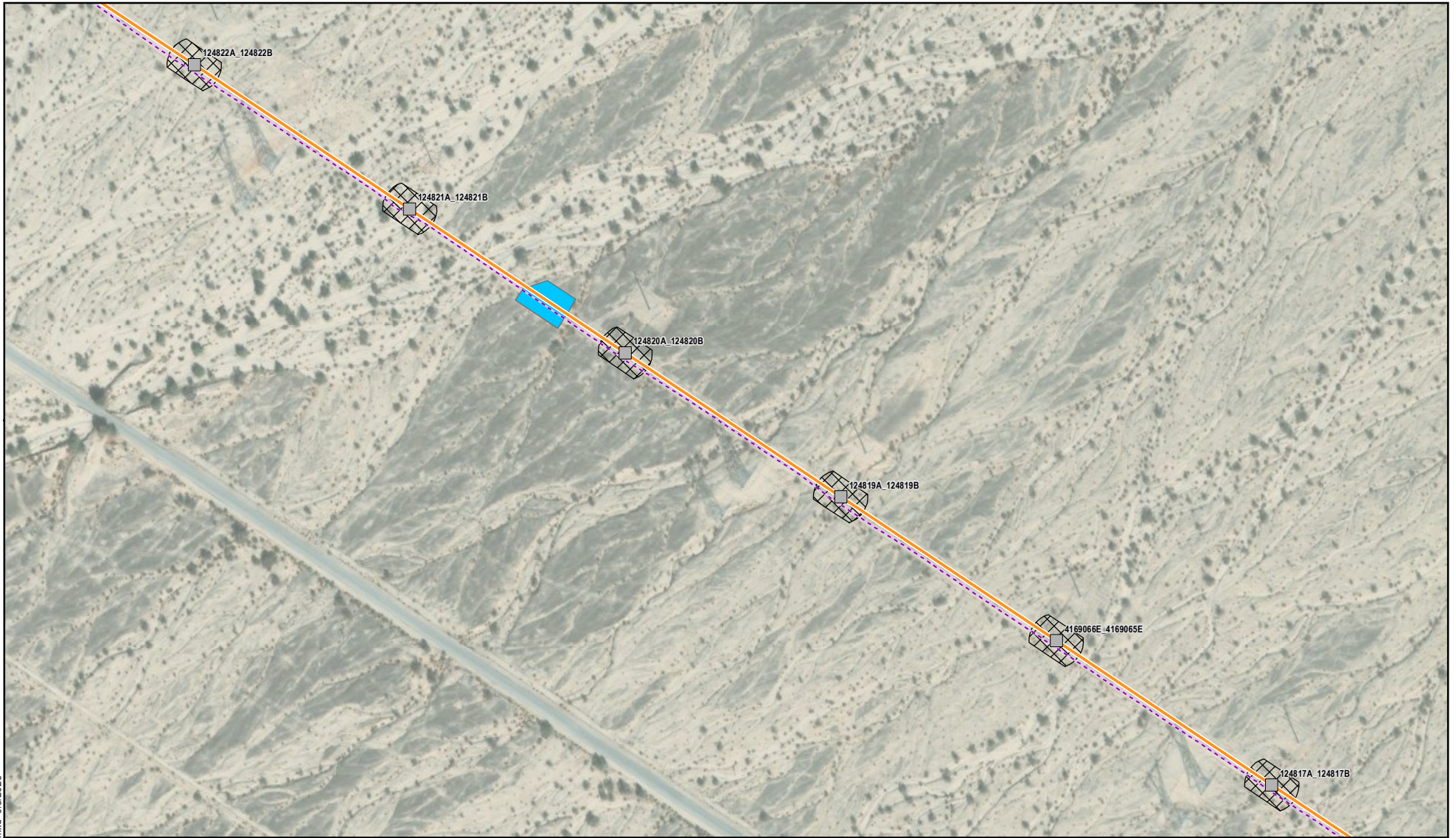
Appendix A: Project Mapbook 30 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- | | | |
|---------------------|----------------------|--|
| — Project Alignment | ■ Existing Structure | ■ Structure Work Area |
| - - - Access Road | ● New Structure | ■ Existing Operations and Maintenance Area |
| | ■ Remove Structure | |



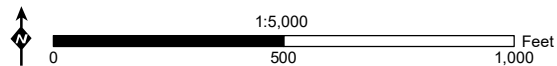
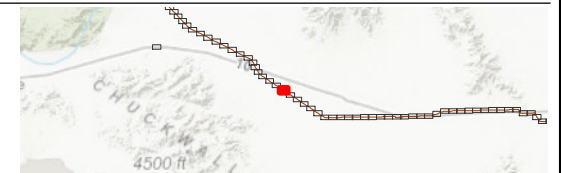
Z:\Projects\SCE_EMB\MXD\1\W\Detailed Route 6k.mxd 9/8/2023



Appendix A: Project Mapbook 31 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- Project Alignment
- Existing Structure
- Wire Setup
- Access Road
- Existing Operations and Maintenance Area



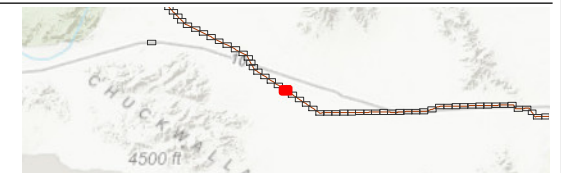
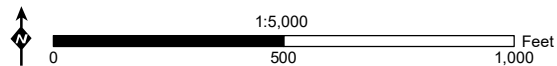
Z:\Projects\SCE_EMB\MXD\WIND\Detailed Route 6k.mxd 9/8/2023



Appendix A: Project Mapbook 32 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- | | | |
|---------------------|----------------------|--|
| — Project Alignment | ■ Existing Structure | ■ Structure Work Area |
| - - - Access Road | ● New Structure | ■ Existing Operations and Maintenance Area |
| ■ Remove Structure | | |



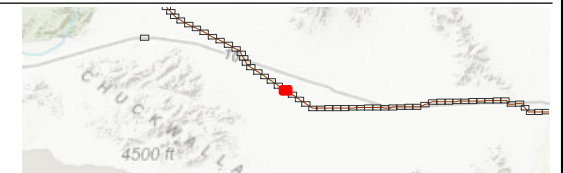
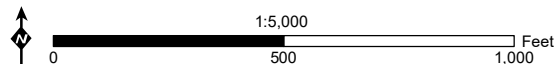
Z:\Projects\SCE_EMB\MXD\WIND\Detailed Route 6k.mxd 9/8/2023



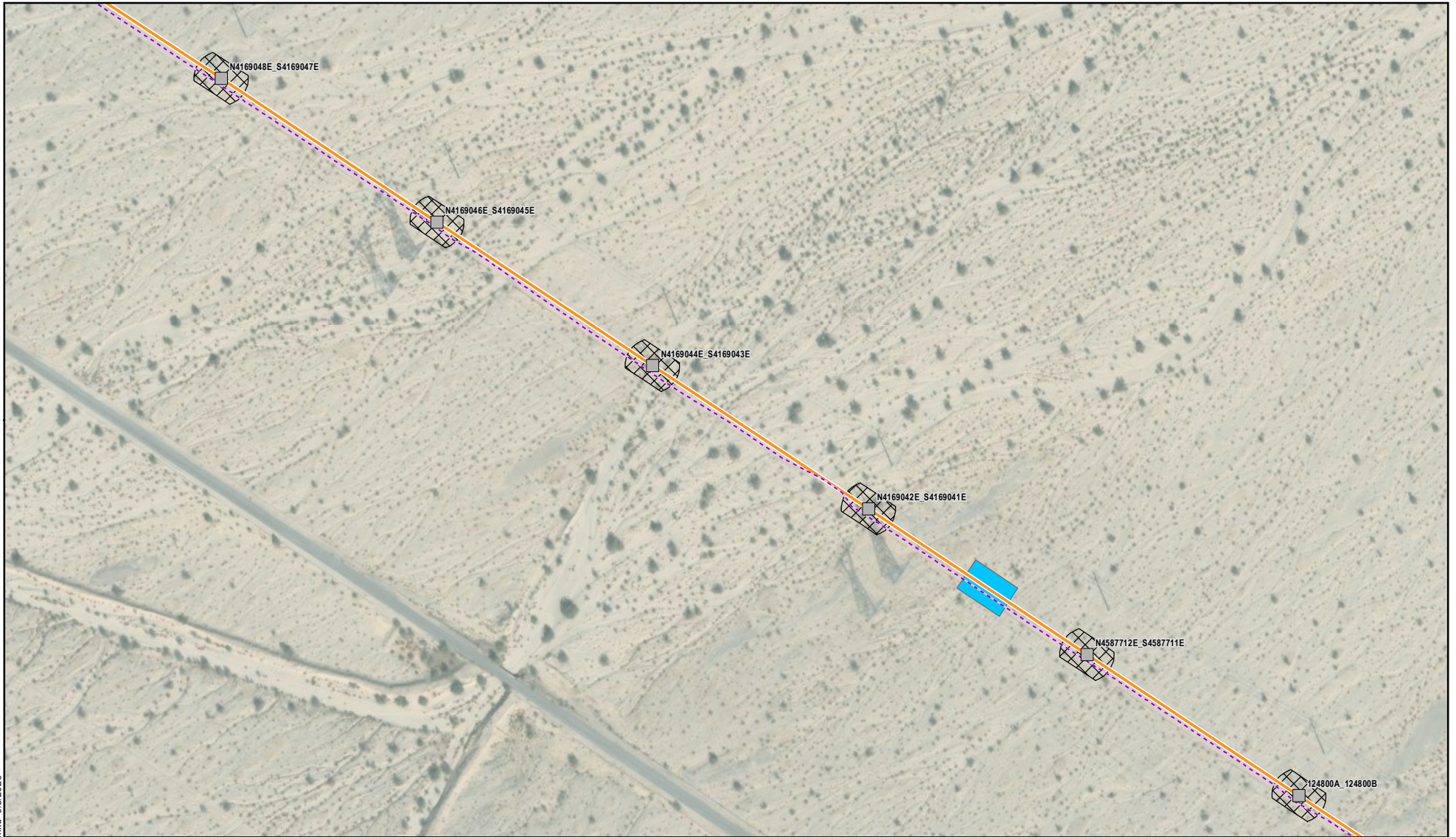
Appendix A: Project Mapbook 33 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- Project Alignment
- Access Road
- Existing Structure
- Existing Operations and Maintenance Area



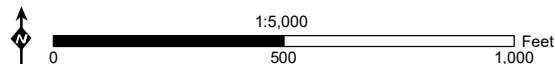
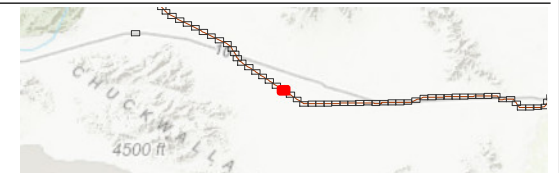
Z:\Projects\SCE_EMB\MXD\WIND\Detailed Route 6k.mxd 9/8/2023



Appendix A: Project Mapbook 34 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- Project Alignment
- Existing Structure
- Wire Setup
- Access Road
- Existing Operations and Maintenance Area



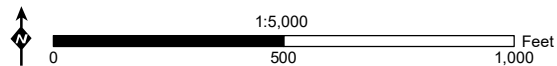
Z:\Projects\SCE_EMB\MXD\W\ND\Detailed Route 6k.mxd 9/8/2023



Appendix A: Project Mapbook 35 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- | | | |
|---------------------|----------------------|--|
| — Project Alignment | ■ Existing Structure | ■ Structure Work Area |
| - - - Access Road | ● New Structure | ⊠ Existing Operations and Maintenance Area |
| ■ Remove Structure | | |



Z:\Projects\SCE_EMB\MXD\WIND\Detailed Route 6k.mxd 9/8/2023



Appendix A: Project Mapbook 36 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- Project Alignment
- Access Road
- Existing Structure
- Existing Operations and Maintenance Area



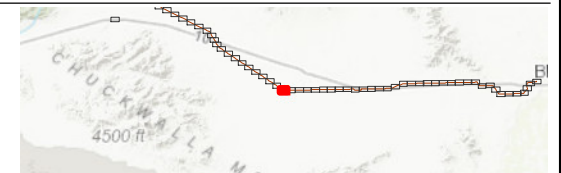
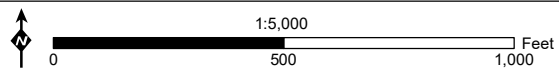
Z:\Projects\SCE_EMB\MXD\1\NWD\Detailed Route 6k.mxd 9/8/2023



Appendix A: Project Mapbook 37 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- | | | |
|-------------------|--|---------------------|
| Project Alignment | Existing Structure | Structure Work Area |
| Access Road | New Structure | Wire Setup |
| Remove Structure | Existing Operations and Maintenance Area | |



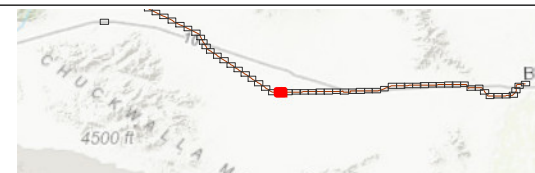
Z:\Projects\SCE_EMB\MXD\WIND\Detailed Route 6k.mxd 9/8/2023



Appendix A: Project Mapbook 38 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- Project Alignment
- Access Road
- Existing Structure
- Existing Operations and Maintenance Area



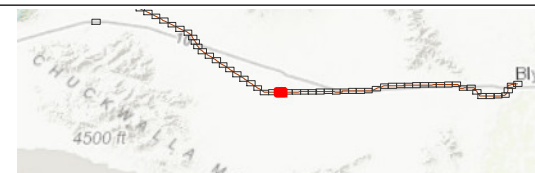
Z:\Projects\SCE_EMB\MXD\W\ND\Detailed Route 6k.mxd 9/8/2023



Appendix A: Project Mapbook 39 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- Project Alignment
- Access Road
- Existing Structure
- Existing Operations and Maintenance Area



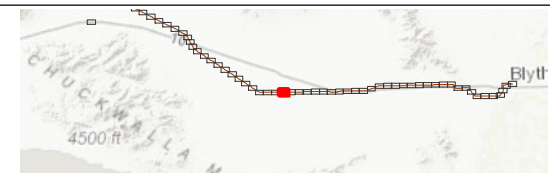
Z:\Projects\SCE_EMB\MXD\WIND\Detailed Route 6k.mxd 9/8/2023

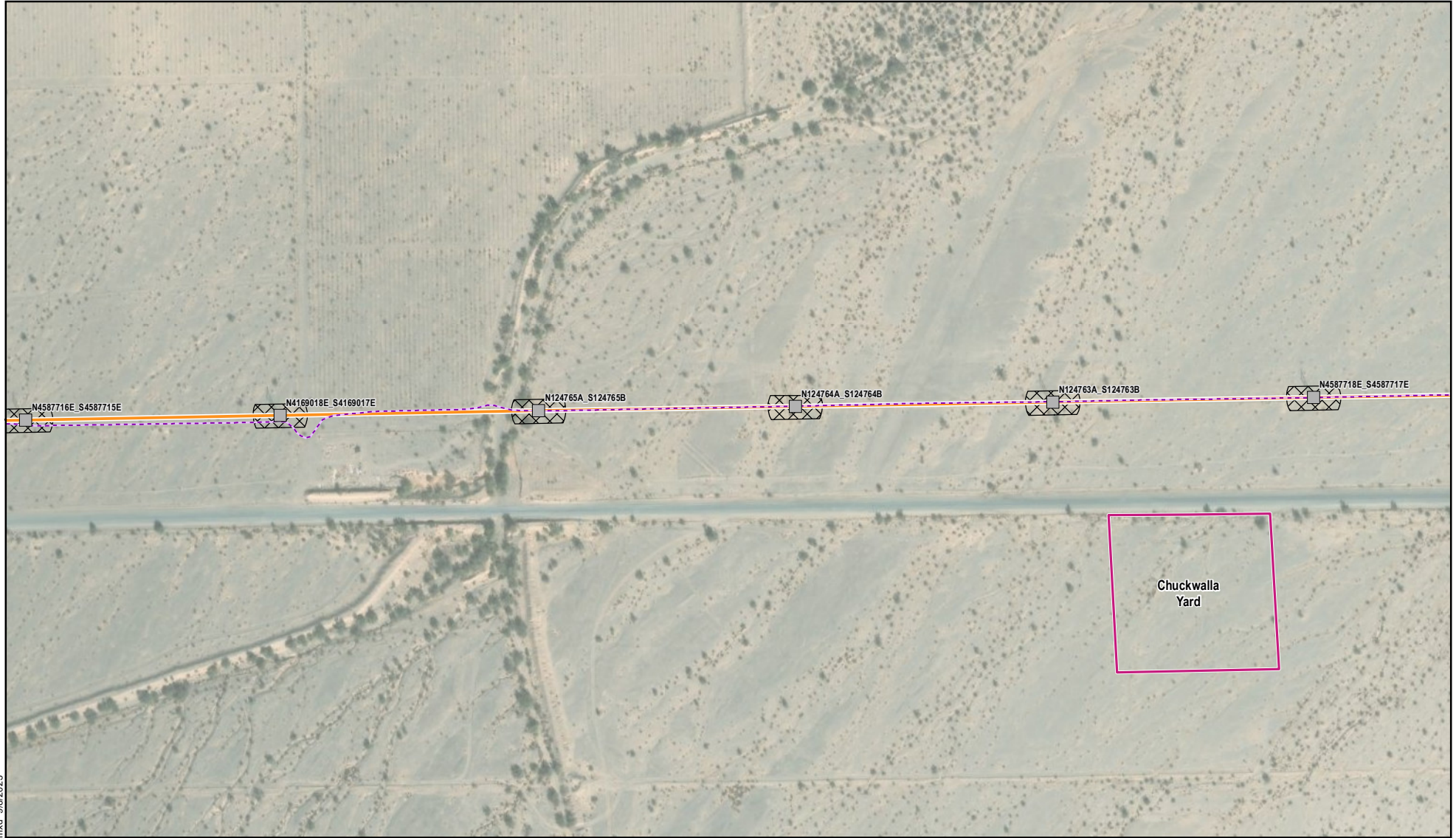


Appendix A: Project Mapbook 40 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- Project Alignment
- Existing Structure
- Wire Setup
- Access Road
- Existing Operations and Maintenance Area

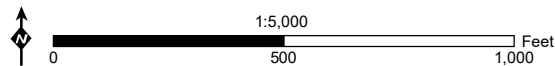
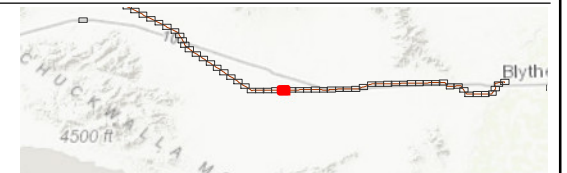




Appendix A: Project Mapbook 41 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- Project Alignment
- Existing Structure
- Laydown Yard
- Access Road
- Existing Operations and Maintenance Area



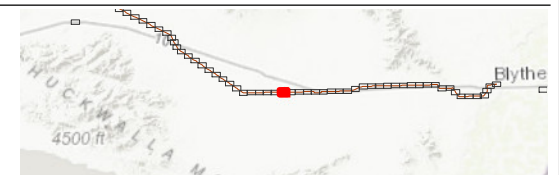
Z:\Projects\SCE_EMB\MXD\WIND\Detailed Route 6k.mxd 9/8/2023



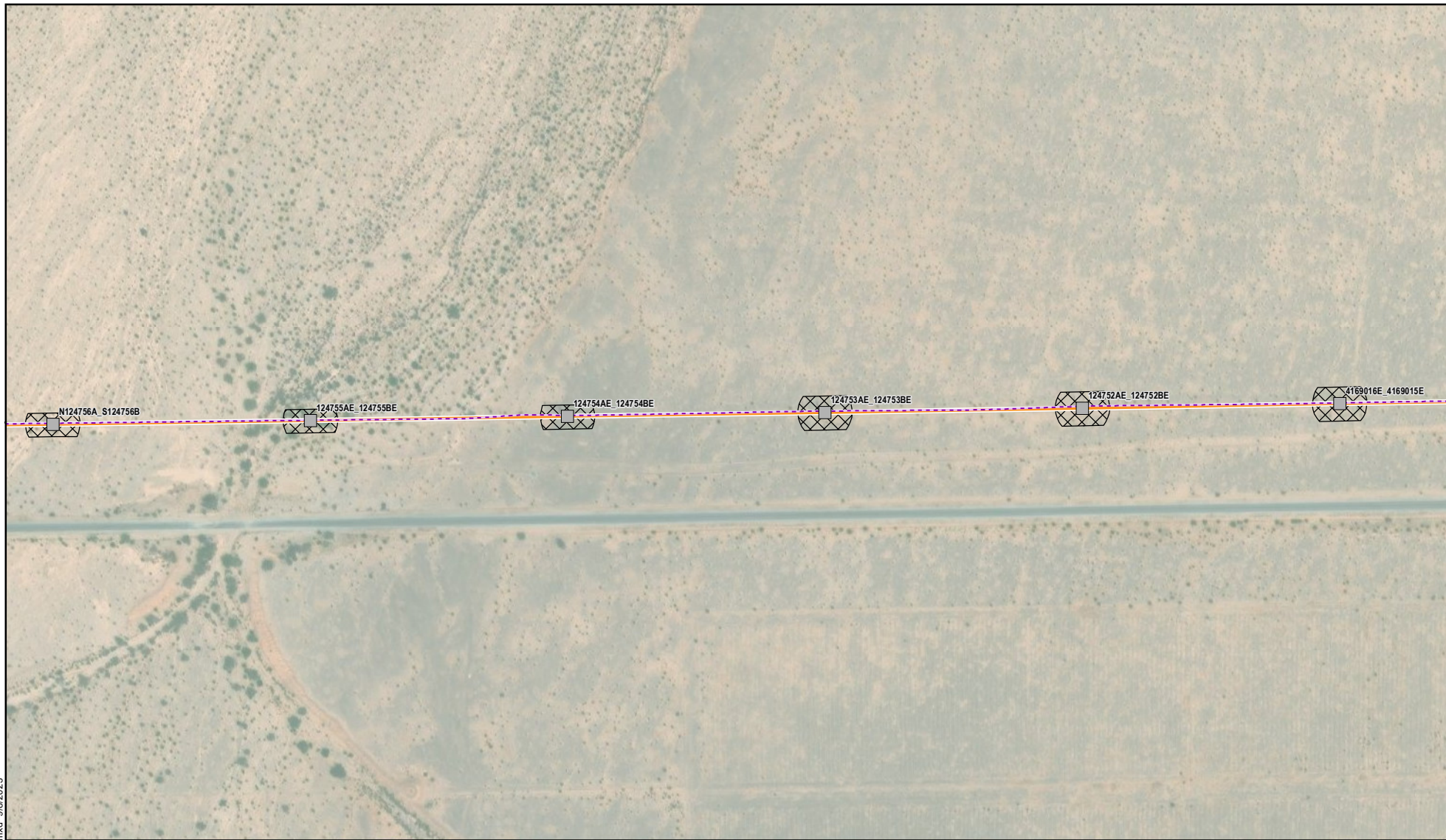
Appendix A: Project Mapbook 42 of 74

- Project Alignment
- Access Road
- Existing Structure
- Existing Operations and Maintenance Area

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project



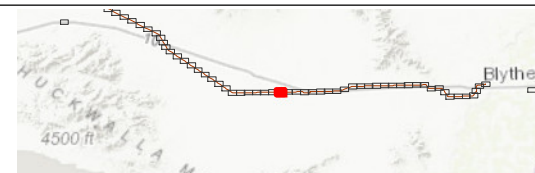
Z:\Projects\SCE\EMB\MXD\WIND\Detailed Route 6k.mxd 9/8/2023



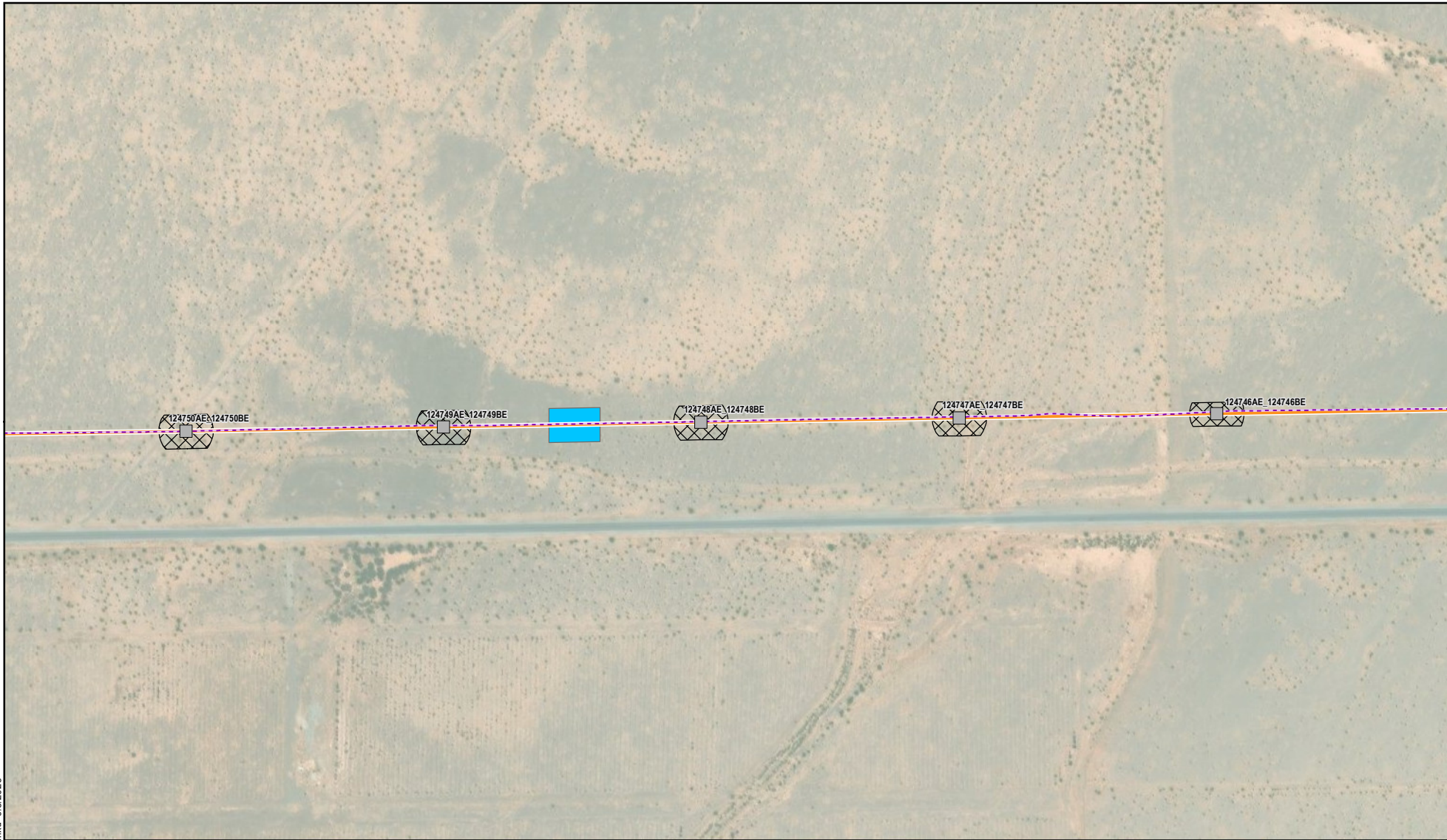
Appendix A: Project Mapbook 43 of 74

- Project Alignment
- Access Road
- Existing Structure
- Existing Operations and Maintenance Area

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project



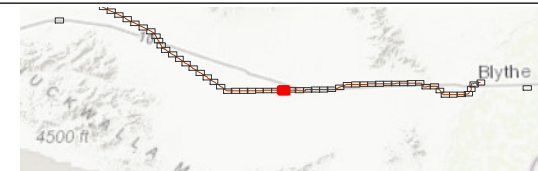
Z:\Projects\SCE_EMB\MXD\WIND\Detailed Route 6k.mxd 9/8/2023



Appendix A: Project Mapbook 44 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- Project Alignment
- Existing Structure
- Wire Setup
- Access Road
- Existing Operations and Maintenance Area



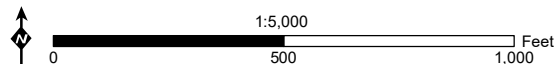
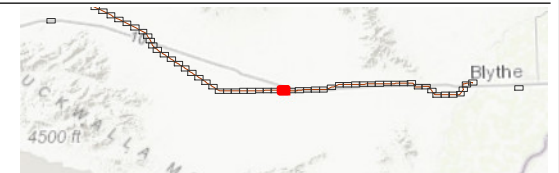
Z:\Projects\SCE\EMB\MXD\W\ND\Detailed Route 6k.mxd 9/8/2023



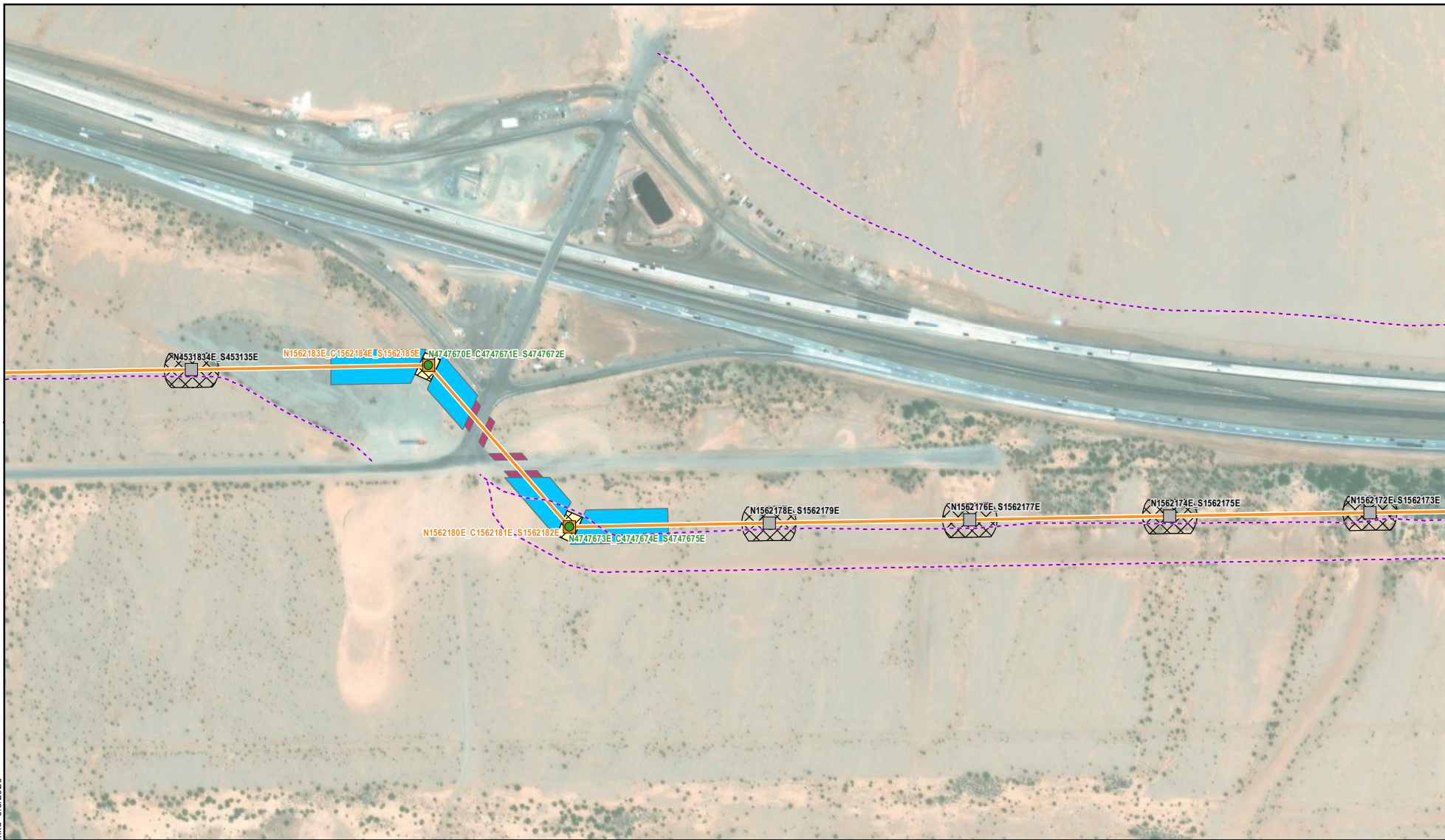
Appendix A: Project Mapbook 45 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- Project Alignment
- Access Road
- Existing Structure
- Existing Operations and Maintenance Area



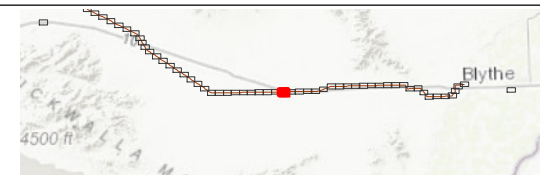
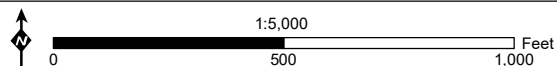
Z:\Projects\SCE_EMB\MXD\1\WIND\Detailed Route 6k.mxd 9/8/2023



Appendix A: Project Mapbook 46 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- | | | |
|-------------------|--------------------|--|
| Project Alignment | Existing Structure | Guard Site |
| Access Road | New Structure | Structure Work Area |
| Remove Structure | Wire Setup | Existing Operations and Maintenance Area |



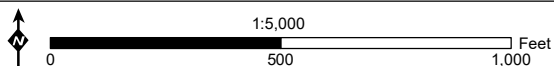
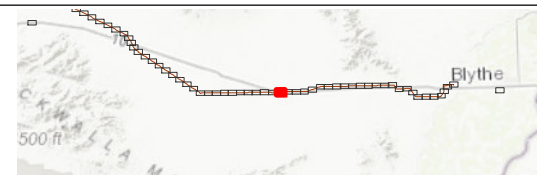
Z:\Projects\SCE_EMB\MXD\W\ND\Detailed Route 6k.mxd 9/8/2023



Appendix A: Project Mapbook 47 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- | | | |
|---------------------|--|--------------|
| — Project Alignment | ■ Existing Structure | ■ Guard Site |
| - - - Access Road | ■ Wire Setup | |
| | ⊠ Existing Operations and Maintenance Area | |



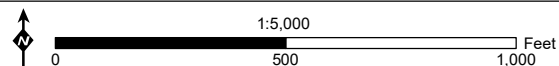
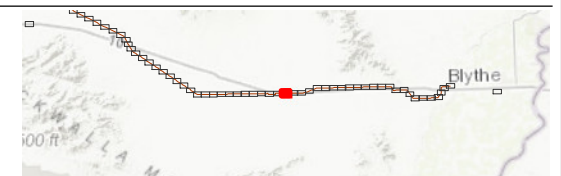
Z:\Projects\SCE_EMB\MXD\W\ND\Detailed Route 6k.mxd 9/8/2023



Appendix A: Project Mapbook 48 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- Project Alignment
- Existing Structure
- Wire Setup
- Access Road
- Existing Operations and Maintenance Area



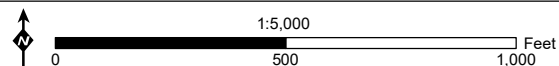
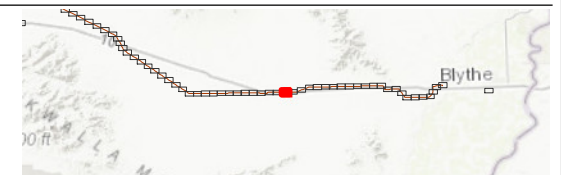
Z:\Projects\SCE_EMB\MXD\W\ND\Detailed Route 6k.mxd 9/8/2023



Appendix A: Project Mapbook 49 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- Project Alignment
- Existing Structure
- Access Road
- Existing Operations and Maintenance Area



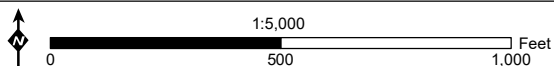
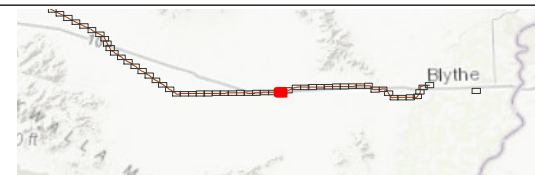
Z:\Projects\SCE_EMB\MXD\WIND\Detailed Route 6k.mxd 9/8/2023



Appendix A: Project Mapbook 50 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- | | | |
|---------------------|----------------------|--|
| — Project Alignment | ■ Existing Structure | ■ Structure Work Area |
| - - - Access Road | ● New Structure | ⊠ Existing Operations and Maintenance Area |
| | ■ Remove Structure | |



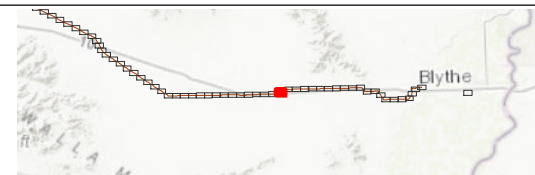
Z:\Projects\SCE_EMB\MXDs\WIND\Detailed Route 6k.mxd 9/8/2023



Appendix A: Project Mapbook 51 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- Project Alignment
- Access Road
- Existing Structure
- Existing Operations and Maintenance Area



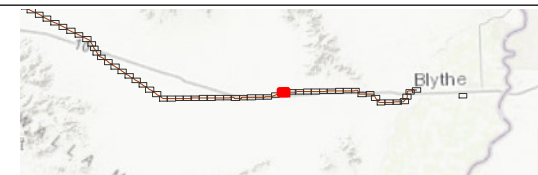
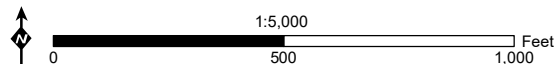
Z:\Projects\SCE_EMB\MXD\WIND\Detailed Route 6k.mxd 9/8/2023



Appendix A: Project Mapbook 52 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- | | | |
|-------------------|--------------------|--|
| Project Alignment | Existing Structure | Guard Site |
| Access Road | New Structure | Structure Work Area |
| | Remove Structure | Wire Setup |
| | | Existing Operations and Maintenance Area |



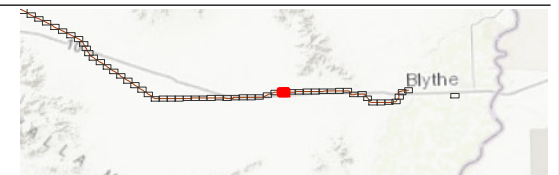
Z:\Projects\SCE_EMB\MXD\WIND\Detailed Route 6k.mxd 9/8/2023



Appendix A: Project Mapbook 53 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- Project Alignment
- Existing Structure
- Access Road
- Existing Operations and Maintenance Area



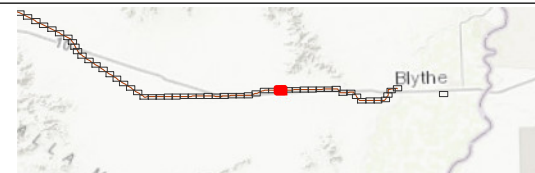
Z:\Projects\SCE_EMBM\XDS\WIND\Detailed Route 6k.mxd 9/8/2023



Appendix A: Project Mapbook 54 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- Project Alignment
- Access Road
- Existing Structure
- Existing Operations and Maintenance Area



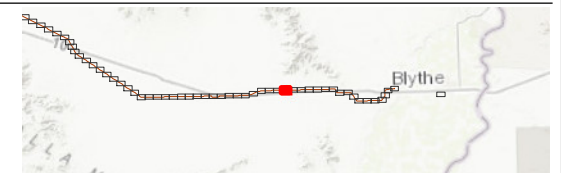
Z:\Projects\SCE_EMB\MXD\1\WIND\Detailed Route 6k.mxd 9/8/2023



Appendix A: Project Mapbook 55 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- | | | |
|-------------------|--|---------------------|
| Project Alignment | Existing Structure | Structure Work Area |
| Access Road | New Structure | Wire Setup |
| Remove Structure | Existing Operations and Maintenance Area | |



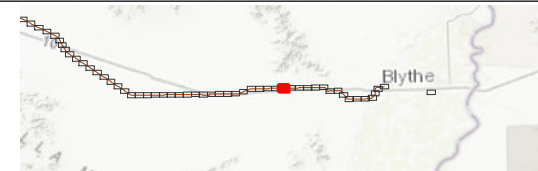
Z:\Projects\SCE_EMB\MXD\W\ND\Detailed Route 6k.mxd 9/8/2023



Appendix A: Project Mapbook 56 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- | | | |
|---------------------|----------------------|--|
| — Project Alignment | ■ Existing Structure | ■ Structure Work Area |
| - - - Access Road | ● New Structure | ⊠ Existing Operations and Maintenance Area |
| ■ Remove Structure | | |



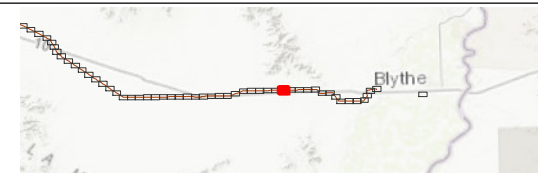
Z:\Projects\SCE_EMB\MXD\WIND\Detailed Route 6k.mxd 9/8/2023



Appendix A: Project Mapbook 57 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- Project Alignment
- Access Road
- Existing Structure
- Existing Operations and Maintenance Area



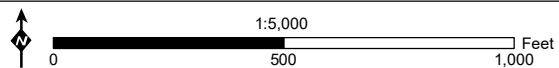
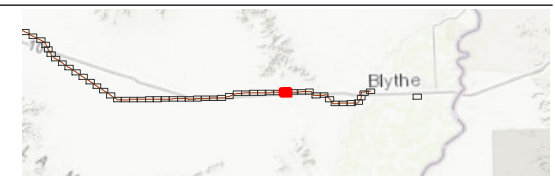
Z:\Projects\SCE_EMB\MapDocs\W\ND\Detailed Route 6k.mxd 9/8/2023



Appendix A: Project Mapbook 58 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- | | | |
|---------------------|----------------------|--|
| — Project Alignment | ■ Existing Structure | ■ Structure Work Area |
| - - - Access Road | ● New Structure | ■ Existing Operations and Maintenance Area |
| ■ Remove Structure | | |



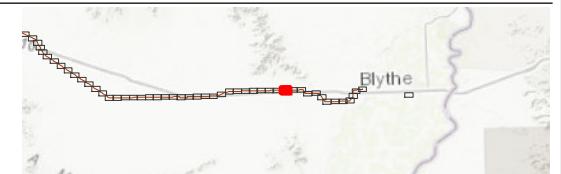
Z:\Projects\SCE_EMB\MXD\WIND\Detailed Route 6k.mxd 9/8/2023



Appendix A: Project Mapbook 59 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- | | | |
|---------------------|--|-----------------------|
| — Project Alignment | ■ Existing Structure | ■ Structure Work Area |
| - - - Access Road | ● New Structure | ■ Wire Setup |
| ■ Remove Structure | ■ Existing Operations and Maintenance Area | |



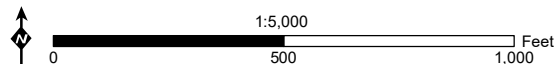
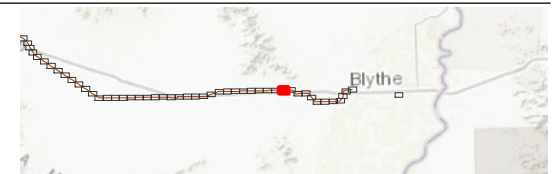
Z:\Projects\SCE_EMB\MXD\WIND\Detailed Route 6k.mxd 9/8/2023



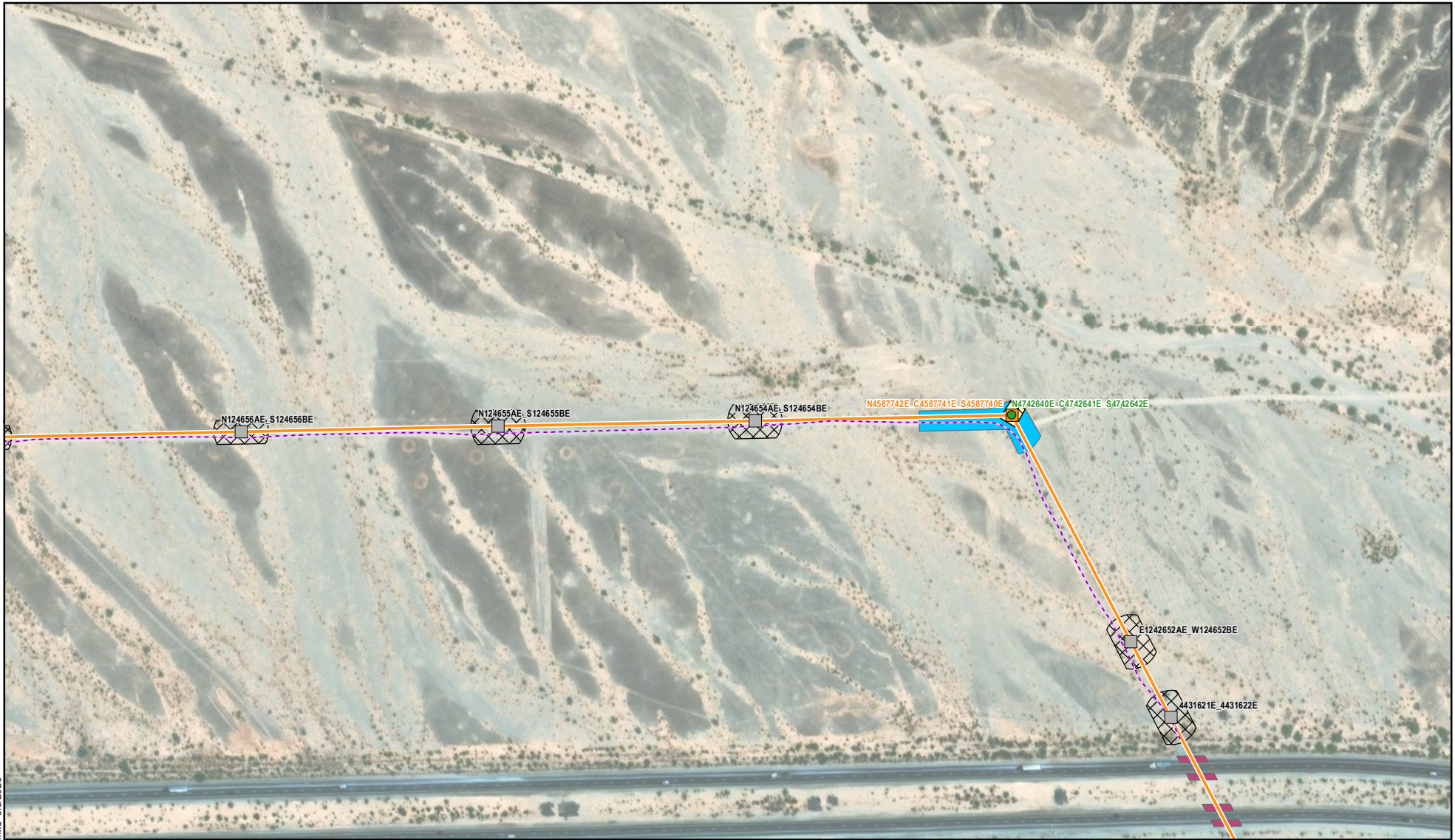
Appendix A: Project Mapbook 60 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- Project Alignment
- Access Road
- Existing Structure
- Existing Operations and Maintenance Area



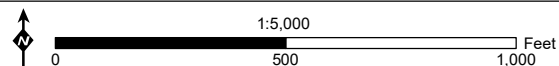
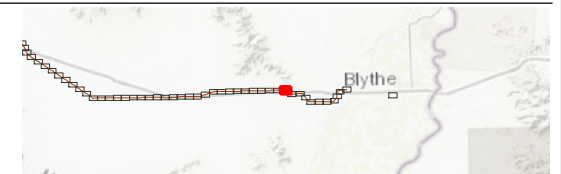
Z:\Projects\SCE_EMB\MXD\WIND\Detailed Route 6k.mxd 9/8/2023



Appendix A: Project Mapbook 61 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- | | | |
|---------------------|----------------------|--|
| — Project Alignment | ■ Existing Structure | ■ Guard Site |
| - - - Access Road | ● New Structure | ■ Structure Work Area |
| ■ Remove Structure | ■ Wire Setup | ■ Existing Operations and Maintenance Area |



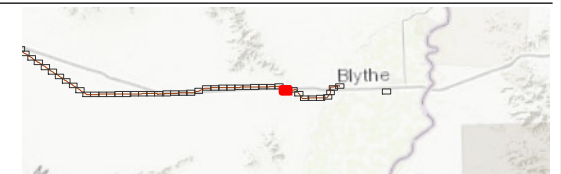
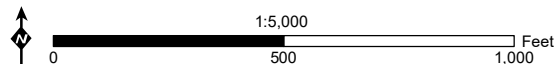
Z:\Projects\SCE_EMB\MXD\WIND\Detailed Route 6k.mxd 9/8/2023



Appendix A: Project Mapbook 62 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- | | | |
|-------------------|--------------------|--|
| Project Alignment | Existing Structure | Guard Site |
| Access Road | New Structure | Structure Work Area |
| Remove Structure | Wire Setup | Existing Operations and Maintenance Area |



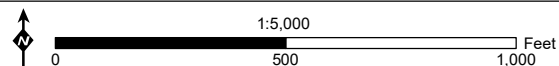
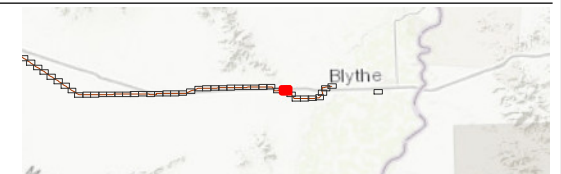
Z:\Projects\SCE_EMB\MXD\WIND\Detailed Route 6k.mxd 9/8/2023



Appendix A: Project Mapbook 63 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- | | | |
|-------------------|--|---------------------|
| Project Alignment | Existing Structure | Guard Site |
| Access Road | New Structure | Structure Work Area |
| Remove Structure | Wire Setup | |
| | Existing Operations and Maintenance Area | |



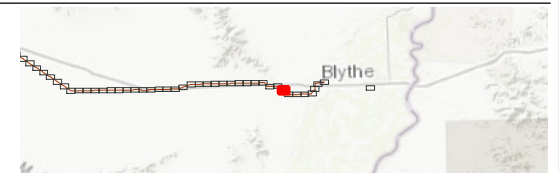
Z:\Projects\SCE_EMB\MXD\W\ND\Detailed Route 6k.mxd 9/8/2023



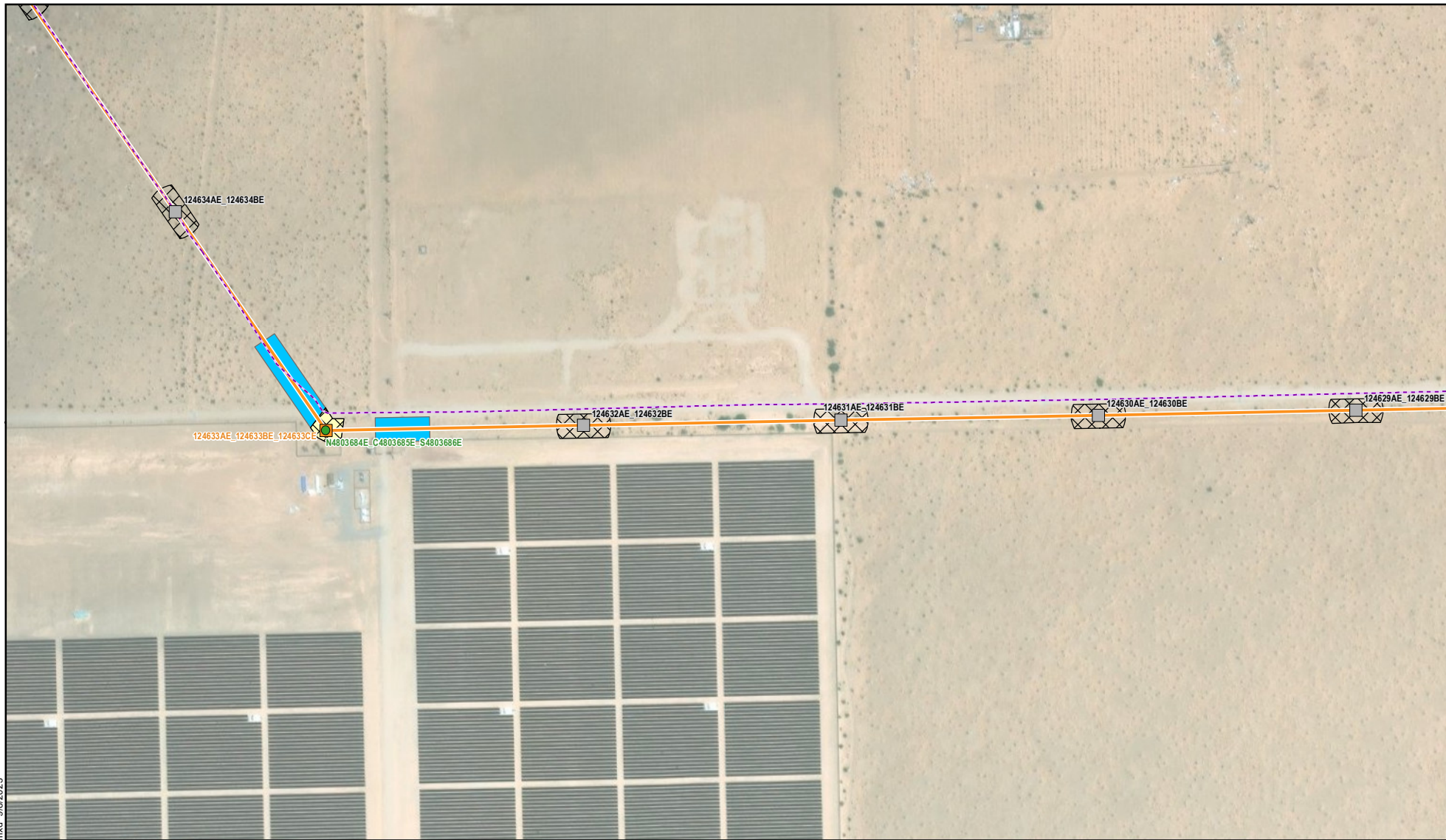
Appendix A: Project Mapbook 64 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- | | | |
|--|--|--|
|  Project Alignment |  Existing Structure |  Guard Site |
|  Access Road |  Existing Operations and Maintenance Area | |



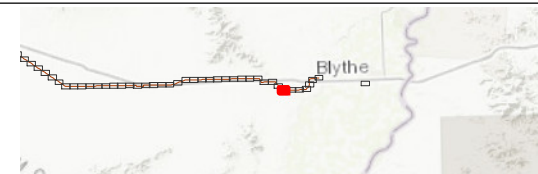
Z:\Projects\SCE_EMB\MXD\WIND\Detailed Route 6k.mxd 9/8/2023



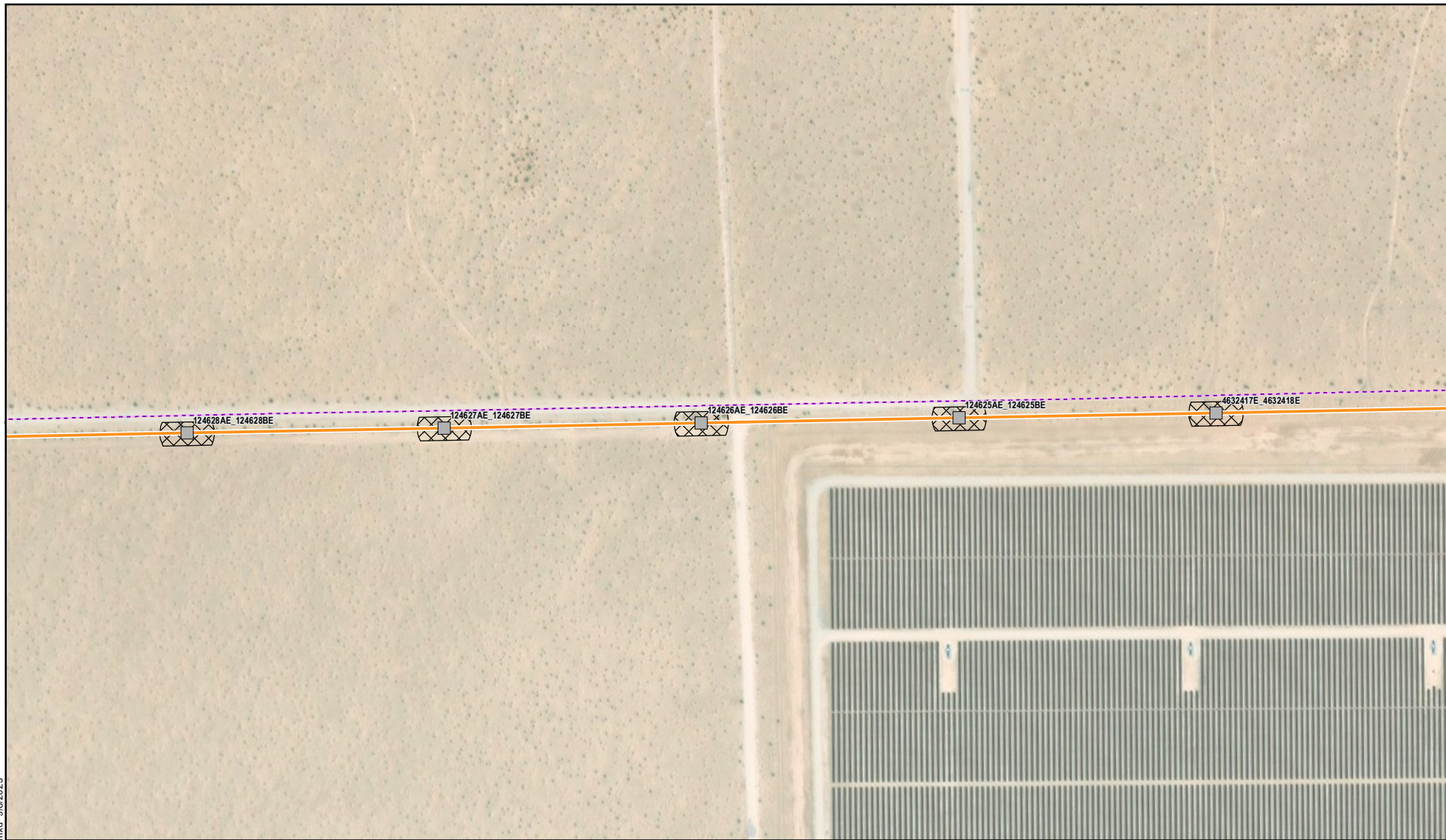
Appendix A: Project Mapbook 65 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- | | | |
|-------------------|--------------------|--|
| Project Alignment | Existing Structure | Structure Work Area |
| Access Road | New Structure | Wire Setup |
| | Remove Structure | Existing Operations and Maintenance Area |



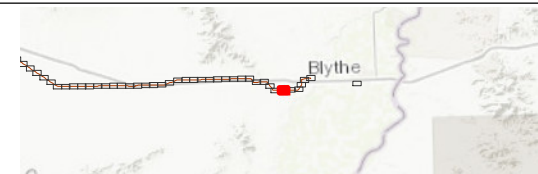
Z:\Projects\SCE_EMB\MXDs\W\ND\Detailed Route 6k.mxd 9/8/2023



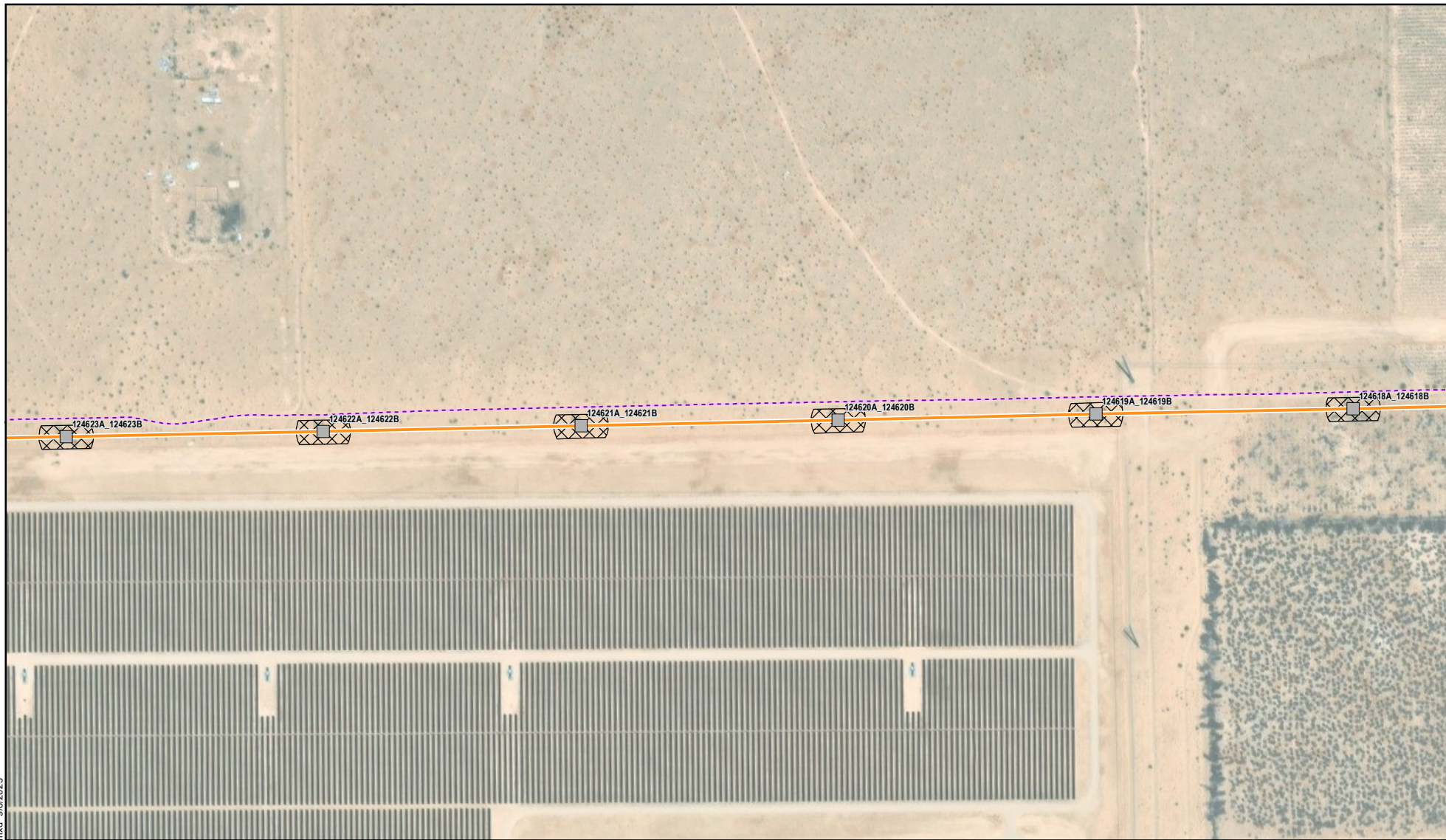
Appendix A: Project Mapbook 66 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- Project Alignment
- Existing Structure
- Access Road
- Existing Operations and Maintenance Area



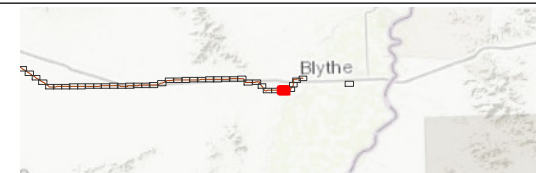
Z:\Projects\SCE_EMB\MXD\WIND\Detailed Route 6k.mxd 9/8/2023

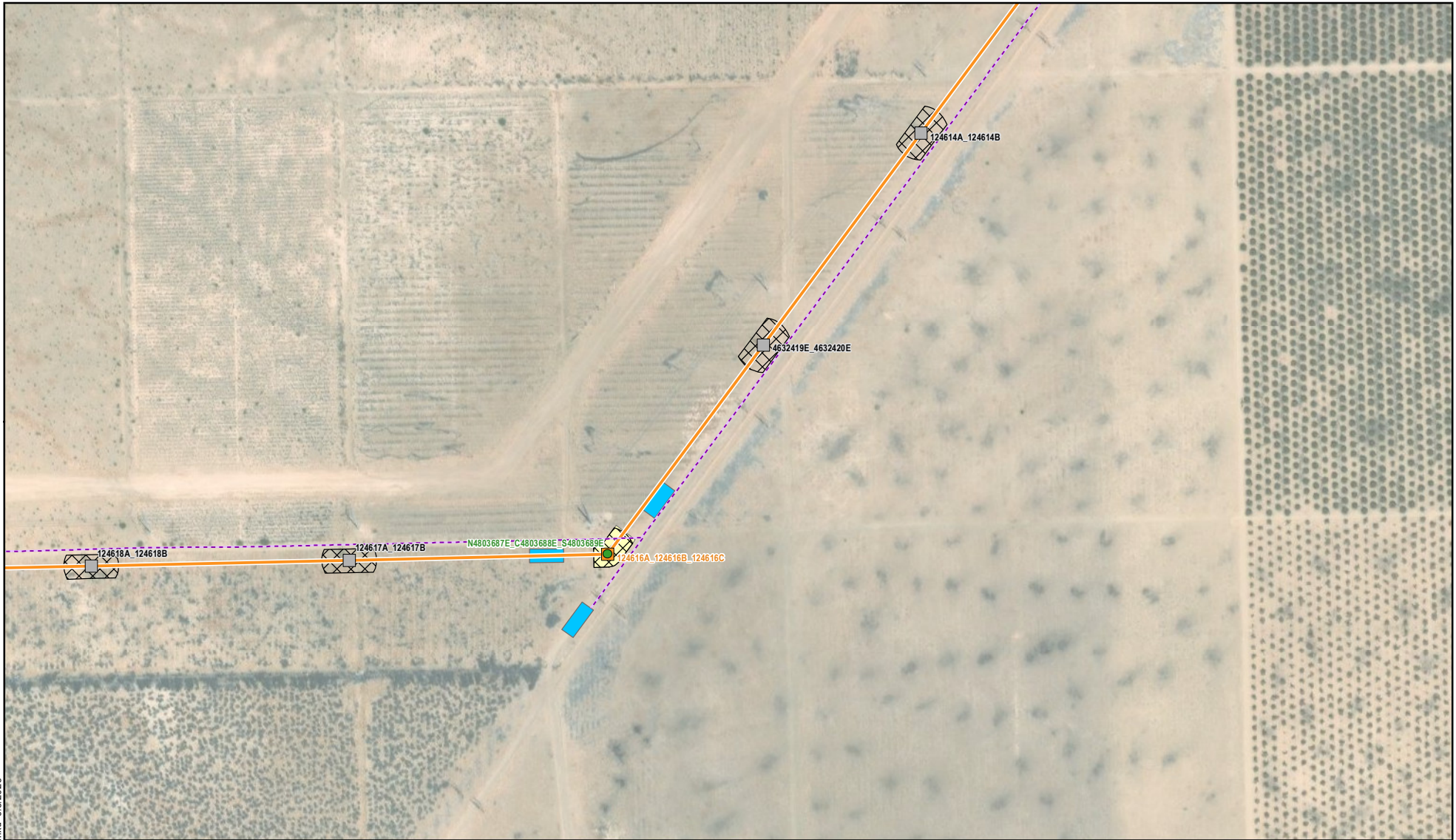


Appendix A: Project Mapbook 67 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- Project Alignment
- Access Road
- Existing Structure
- Existing Operations and Maintenance Area

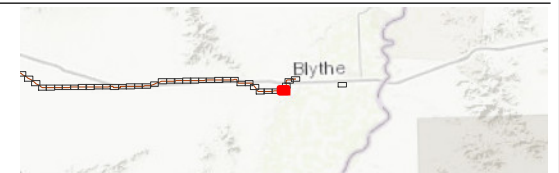




Appendix A: Project Mapbook 68 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- | | | |
|-------------------|--|---------------------|
| Project Alignment | Existing Structure | Structure Work Area |
| Access Road | New Structure | Wire Setup |
| Remove Structure | Existing Operations and Maintenance Area | |

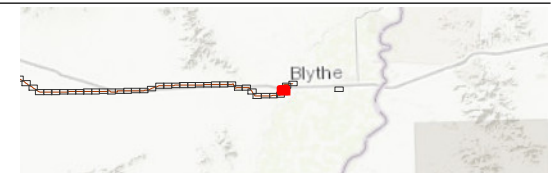


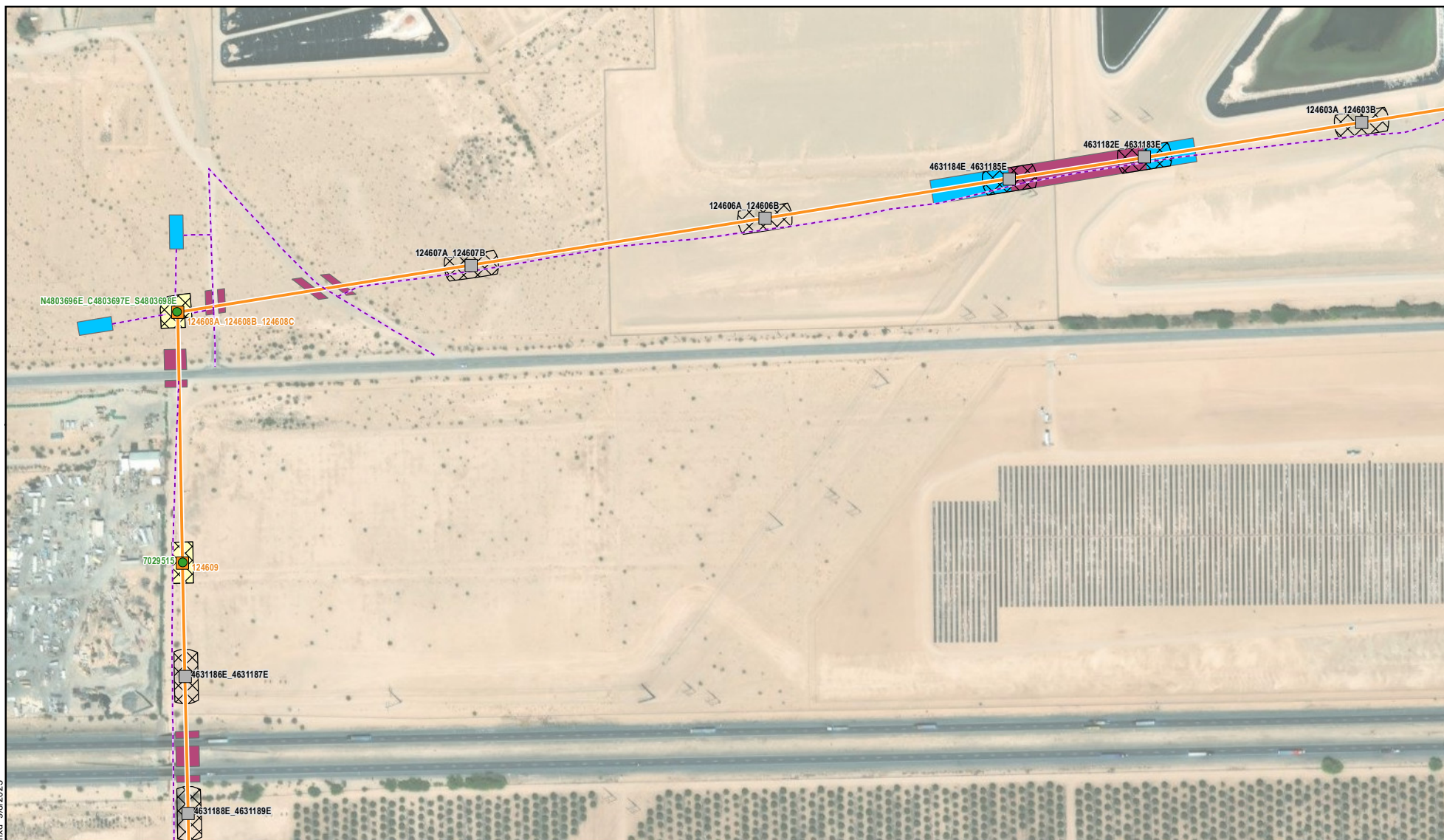


Appendix A: Project Mapbook 69 of 74

Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

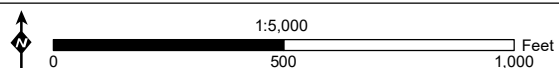
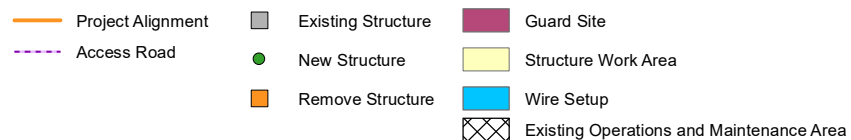
- | | | |
|-------------------|--|---------------------|
| Project Alignment | Existing Structure | Structure Work Area |
| Access Road | New Structure | Wire Setup |
| Remove Structure | Existing Operations and Maintenance Area | |





Appendix A: Project Mapbook 70 of 74

**Eagle Mountain-Blythe 161 kV
Transmission Line Rating Remediation Project**



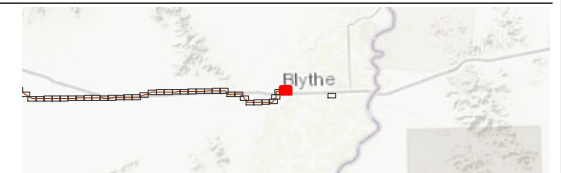
Z:\Projects\SCE_EMB\MXD\W\ND\Detailed Route 6k.mxd 9/8/2023



Appendix A: Project Mapbook 71 of 74

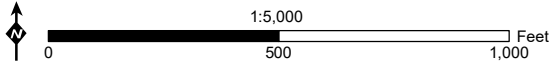
Eagle Mountain-Blythe 161 kV Transmission Line Rating Remediation Project

- | | | | | | |
|--|---------------------|--|--------------------|--|--|
| | Existing Substation | | Existing Structure | | Guard Site |
| | Project Alignment | | Wire Setup | | Existing Operations and Maintenance Area |
| | Access Road | | | | |





 Laydown Yard

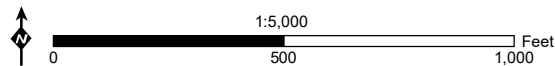
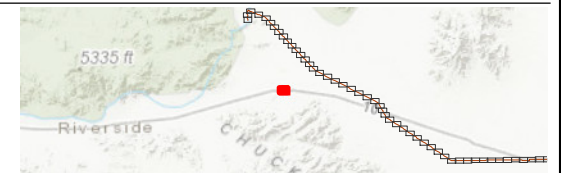




Appendix A: Project Mapbook 73 of 74

 Laydown Yard

Eagle Mountain-Blythe 161 kV
Transmission Line Rating Remediation Project

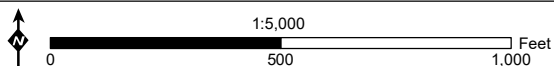
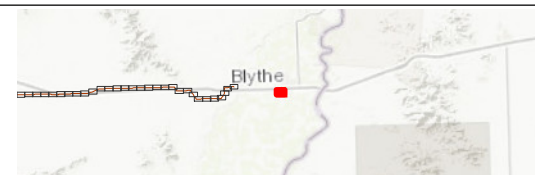




Appendix A: Project Mapbook 74 of 74

Eagle Mountain-Blythe 161 kV
Transmission Line Rating Remediation Project

 Laydown Yard



Appendix B

Emissions Calculations: Air Quality and Greenhouse Gas

Table 1: Off-Road Equipment Load Factors

OFFROAD Equipment Type	Load Factor
Aerial Lifts	0.31
Air Compressors	0.48
Bore/Drill Rigs	0.5
Cement and Mortar Mixers	0.56
Concrete/Industrial Saws	0.73
Cranes	0.29
Crawler Tractors	0.43
Crushing/Proc. Equipment	0.78
Dumpers/Tenders	0.38
Excavators	0.38
Forklifts	0.2
Generator Sets	0.74
Graders	0.41
Off-Highway Tractors	0.44
Off-Highway Trucks	0.38
Other Construction Equipment	0.42
Other General Industrial Equipment	0.34
Other Material Handling Equipment	0.4
Pavers	0.42
Paving Equipment	0.36
Plate Compactors	0.43
Pressure Washers	0.3
Pumps	0.74
Rollers	0.38
Rough Terrain Forklifts	0.4
Rubber Tired Dozers	0.4
Rubber Tired Loaders	0.36
Scrapers	0.48
Signal Boards	0.82
Skid Steer Loaders	0.37
Surfacing Equipment	0.3
Sweepers/Scrubbers	0.46
Tractors/Loaders/Backhoes	0.37
Trenchers	0.5
Welders	0.45

Source: CalEEMod User Guide Appendix G, Table G-12

Table 2: EMFAC Emissions Inventory - Fuel Consumption

Region	Calendar Year	Vehicle Category	Model Year	Speed	Fuel	Population	Total VMT	CVMT	EVMT	Trips	Energy Consumption	Fuel Consumption	Efficiency
Mojave De	2025	HHDT	Aggregate	Aggregate	Gasoline	3.06832295310	248.30058941	248.30058	0	61.391005	0	0.06178724	4.018638662
Mojave De	2025	HHDT	Aggregate	Aggregate	Diesel	23378.7213478	4766716.6417	4766716.6	0	488676.46	0	757.86812652	6.289638626
Mojave De	2025	LDA	Aggregate	Aggregate	Gasoline	466028.873443	20276965.754	20276965.	0	2151723.0	0	679.22343926	29.85315963
Mojave De	2025	LDA	Aggregate	Aggregate	Diesel	1595.46964919	55828.089728	55828.089	0	6760.3672	0	1.30676099	42.72249496
Mojave De	2025	LDT1	Aggregate	Aggregate	Gasoline	46542.5194445	1641596.8188	1641596.8	0	198800.09	0	66.73168585	24.59996024
Mojave De	2025	LDT1	Aggregate	Aggregate	Diesel	24.1053173966	341.42110268	341.42110	0	67.346513	0	0.01431393	23.85236205
Mojave De	2025	LDT2	Aggregate	Aggregate	Gasoline	207818.027964	8866441.691	8866442	0	965832.09	0	362.93991827	24.42950264
Mojave De	2025	LDT2	Aggregate	Aggregate	Diesel	667.953329712	30397.214514	30397.214	0	3198.5434	0	0.91750504	33.1302971
Mojave De	2025	MHDT	Aggregate	Aggregate	Gasoline	1283.97695134	97108.253061	97108.253	0	25689.810	0	18.74696808	5.17994444
Mojave De	2025	MHDT	Aggregate	Aggregate	Diesel	5393.22715516	306109.36114	306109.36	0	71108.448	0	33.22629032	9.212866023
Mojave De	2026	HHDT	Aggregate	Aggregate	Gasoline	2.60135397143	250.3644621	250.3645	0	52.047890	0	0.06015145	4.162234825
Mojave De	2026	HHDT	Aggregate	Aggregate	Diesel	23928.2065225	4859779.9524	4859779.9	0	499597.73	0	758.72956374	6.405154333
Mojave De	2026	LDA	Aggregate	Aggregate	Gasoline	462708.843011	20209754.629	20209754.	0	2135153.5	0	663.33711364	30.46679315
Mojave De	2026	LDA	Aggregate	Aggregate	Diesel	1460.84380622	50976.741778	50976.741	0	6182.1189	0	1.18091804	43.1670448
Mojave De	2026	LDT1	Aggregate	Aggregate	Gasoline	45073.8285862	1601409.5338	1601409.5	0	192561.9	0	63.93211847	25.04859173
Mojave De	2026	LDT1	Aggregate	Aggregate	Diesel	20.0130516550	278.75007583	278.75007	0	55.047731	0	0.01161883	23.99123287
Mojave De	2026	LDT2	Aggregate	Aggregate	Gasoline	210889.067819	9038523.995	9038524	0	980202.70	0	360.95572413	25.04053376
Mojave De	2026	LDT2	Aggregate	Aggregate	Diesel	695.873716172	31560.832956	31560.832	0	3323.2859	0	0.93365979	33.80335463
Mojave De	2026	MHDT	Aggregate	Aggregate	Gasoline	1259.67943862	97246.755067	97246.755	0	25203.666	0	18.54194752	5.244689372
Mojave De	2026	MHDT	Aggregate	Aggregate	Diesel	5509.72740192	309820.51239	309820.51	0	72730.66	0	33.39013051	9.278805073
Mojave De	2027	HHDT	Aggregate	Aggregate	Gasoline	2.32002865852	254.88049085	254.88049	0	46.419133	0	0.05936496	4.29344997
Mojave De	2027	HHDT	Aggregate	Aggregate	Diesel	24426.3488715	4948143.3285	4948143.3	0	509569.58	0	756.93977422	6.537037023
Mojave De	2027	LDA	Aggregate	Aggregate	Gasoline	459757.270374	20186775.728	20186775.	0	2120578.2	0	650.96876031	31.01036019
Mojave De	2027	LDA	Aggregate	Aggregate	Diesel	1320.639421	46265.817854	46265.817	0	5598.8513	0	1.06093875	43.60837775
Mojave De	2027	LDT1	Aggregate	Aggregate	Gasoline	43707.4013734	1566659.7472	1566659.7	0	186852.36	0	61.53163334	25.46104601
Mojave De	2027	LDT1	Aggregate	Aggregate	Diesel	9.81706221508	135.86985884	135.86985	0	27.179066	0	0.00547052	24.83674813
Mojave De	2027	LDT2	Aggregate	Aggregate	Gasoline	214067.275305	9220877.9451	9220877.9	0	994766.5	0	360.59469572	25.57130777
Mojave De	2027	LDT2	Aggregate	Aggregate	Diesel	720.969039167	32673.679881	32673.679	0	3435.5285	0	0.94979880	34.40063278
Mojave De	2027	MHDT	Aggregate	Aggregate	Gasoline	1236.08993362	97049.012104	97049.012	0	24731.687	0	18.30148175	5.302795338
Mojave De	2027	MHDT	Aggregate	Aggregate	Diesel	5609.35211270	312606.53667	312606.53	0	74119.002	0	33.46739879	9.340628432

Source: EMFAC2021 (v1.0.2) Emissions Inventory

Region Type: Air Basin

Region: Mojave Desert

Calendar Year: 2025, 2026, 2027

Season: Annual

Vehicle Classification: EMFAC2007 Categories

Units: miles/day for CVMT and EVMT, trips/day for Trips, kWh/day for Energy Consumption, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

Table 3: On-Road Fuel Efficiency (gallons/mile)

Vehicle Category	Year	Fuel	Efficiency	Lookup
passenger	20025	Gasoline	25.87	passenger_Gasoline
vendor	2025	Gasoline	5.18	vendor_Gasoline
hhdt	2025	Gasoline	4.02	hhdt_Gasoline
passenger	2025	Diesel	30.89	passenger_Diesel
vendor	2025	Diesel	9.21	vendor_Diesel
hhdt	2025	Diesel	6.29	hhdt_Diesel

Table 4: EMFAC On-Road Emissions

Region	Calendar Year	Vehicle Category	Model Year	Speed	Fuel	Population	Total VMT	CVMT	EVMT	Trips	NOx_RUNEX	NOx_IDLEX	NOx_STREX	PM2.5_RUNEX	PM2.5_IDLEX	PM2.5_STREX	PM2.5_PMTW
Mojave Desert	2025	HHDT	Aggregate	Aggregate	Gasoline	3.068322953	248.3005894	248.3006	0	61.39101	7.037386378	0	0.406860161	0.002533131	0	0.001562447	0.005000001
Mojave Desert	2025	HHDT	Aggregate	Aggregate	Diesel	23378.72135	4766716.642	4766717	0	488676.5	1.456710705	114.8408525	2.443666731	0.031720707	0.041953358	0	0.008980531
Mojave Desert	2025	LDA	Aggregate	Aggregate	Gasoline	466028.8734	20276965.75	20276966	0	2151723	0.041592967	0	0.249521298	0.001117201	0	0.00189297	0.002000001
Mojave Desert	2025	LDA	Aggregate	Aggregate	Diesel	1595.469649	55828.08973	55828.09	0	6760.367	0.222689657	0	0	0.016336926	0	0	0.002000001
Mojave Desert	2025	LDT1	Aggregate	Aggregate	Gasoline	46542.51944	1641596.819	1641597	0	198800.1	0.190530344	0	0.480605314	0.001962218	0	0.003273412	0.002000001
Mojave Desert	2025	LDT1	Aggregate	Aggregate	Diesel	24.1053174	341.4211027	341.4211	0	67.34651	1.702992006	0	0	0.239609861	0	0	0.002000001
Mojave Desert	2025	LDT2	Aggregate	Aggregate	Gasoline	207818.028	8866441.691	8866442	0	965832.1	0.073967564	0	0.338396721	0.001148362	0	0.001928082	0.002000001
Mojave Desert	2025	LDT2	Aggregate	Aggregate	Diesel	667.9533297	30397.21451	30397.21	0	3198.543	0.045882192	0	0	0.004519213	0	0	0.002000001
Mojave Desert	2025	MHDT	Aggregate	Aggregate	Gasoline	1283.976951	97108.25306	97108.25	0	25689.81	0.404059504	0.087190332	0.427317314	0.000976083	0	0.000494496	0.003000001
Mojave Desert	2025	MHDT	Aggregate	Aggregate	Diesel	5393.227155	306109.3611	306109.4	0	71108.45	0.790356303	11.51410079	1.404894649	0.010854019	0.022967104	0	0.003000001
Mojave Desert	2026	HHDT	Aggregate	Aggregate	Gasoline	2.601353971	250.3644621	250.3645	0	52.04789	5.808478592	0	0.137523506	0.002173804	0	0.001401871	0.005000001
Mojave Desert	2026	HHDT	Aggregate	Aggregate	Diesel	23928.20652	4859779.952	4859780	0	499597.7	1.418451337	112.6486907	2.451694226	0.031566355	0.04164883	0	0.008980791
Mojave Desert	2026	LDA	Aggregate	Aggregate	Gasoline	462708.843	20209754.63	20209755	0	2135154	0.038116337	0	0.239030759	0.001080729	0	0.001841784	0.002000001
Mojave Desert	2026	LDA	Aggregate	Aggregate	Diesel	1460.843806	50976.74178	50976.74	0	6182.119	0.195476687	0	0	0.014462408	0	0	0.002000001
Mojave Desert	2026	LDT1	Aggregate	Aggregate	Gasoline	45073.82859	1601409.534	1601410	0	192561.9	0.172327829	0	0.453846666	0.001843407	0	0.003095652	0.002000001
Mojave Desert	2026	LDT1	Aggregate	Aggregate	Diesel	20.01305166	278.7500758	278.7501	0	55.04773	1.671471723	0	0	0.235587785	0	0	0.002000001
Mojave Desert	2026	LDT2	Aggregate	Aggregate	Gasoline	210889.0678	9038523.995	9038524	0	980202.7	0.066553777	0	0.317977733	0.001106664	0	0.001870473	0.002000001
Mojave Desert	2026	LDT2	Aggregate	Aggregate	Diesel	695.8737162	31560.83296	31560.83	0	3323.286	0.041208089	0	0	0.004284144	0	0	0.002000001
Mojave Desert	2026	MHDT	Aggregate	Aggregate	Gasoline	1259.679439	97246.75507	97246.76	0	25203.67	0.343342768	0.085036851	0.41274928	0.000971198	0	0.000479137	0.003000001
Mojave Desert	2026	MHDT	Aggregate	Aggregate	Diesel	5509.727402	309820.5124	309820.5	0	72730.66	0.714849732	10.88351684	1.401078531	0.00990329	0.018707913	0	0.003000001
Mojave Desert	2027	HHDT	Aggregate	Aggregate	Gasoline	2.320028659	254.8804909	254.8805	0	46.41913	5.195793845	0	0.137405773	0.001883148	0	0.001242059	0.005000001
Mojave Desert	2027	HHDT	Aggregate	Aggregate	Diesel	24426.34887	4948143.329	4948143	0	509569.6	1.382037983	110.5404815	2.43734898	0.031346736	0.041400367	0	0.008981098
Mojave Desert	2027	LDA	Aggregate	Aggregate	Gasoline	459757.2704	20186775.73	20186776	0	2120578	0.035270594	0	0.22984728	0.001042968	0	0.00178114	0.002000001
Mojave Desert	2027	LDA	Aggregate	Aggregate	Diesel	1320.639421	46265.81785	46265.82	0	5598.851	0.167326686	0	0	0.012254857	0	0	0.002000001
Mojave Desert	2027	LDT1	Aggregate	Aggregate	Gasoline	43707.40137	1566659.747	1566660	0	186852.4	0.155227053	0	0.428545237	0.001730303	0	0.002911537	0.002000001
Mojave Desert	2027	LDT1	Aggregate	Aggregate	Diesel	9.817062215	135.8698588	135.8699	0	27.17907	1.42976606	0	0	0.207568963	0	0	0.002000001
Mojave Desert	2027	LDT2	Aggregate	Aggregate	Gasoline	214067.2753	9220877.945	9220878	0	994766.5	0.060411888	0	0.301023149	0.001060864	0	0.001800274	0.002000001
Mojave Desert	2027	LDT2	Aggregate	Aggregate	Diesel	720.9690392	32673.67988	32673.68	0	3435.529	0.037154658	0	0	0.004037995	0	0	0.002000001
Mojave Desert	2027	MHDT	Aggregate	Aggregate	Gasoline	1236.089934	97049.0121	97049.01	0	24731.69	0.294399852	0.082965771	0.399920756	0.000970966	0	0.000467676	0.003000001
Mojave Desert	2027	MHDT	Aggregate	Aggregate	Diesel	5609.352113	312606.5367	312606.5	0	74119	0.648256641	10.31506196	1.392480201	0.009100471	0.015284469	0	0.003000001

Source: EMFAC2021 (v1.0.2) Emission Rates

Region Type: Air Basin

Region: Mojave Desert

Calendar Year: 2025, 2026, 2027

Season: Annual

Vehicle Classification: EMFAC2007 Categories

Units: miles/day for CVMT and EVMT, trips/day for Trips, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HOTSOAK and RUNLOSS, g/vehicle/day for IDLEX and DIURN. PHEV calculated based on total VMT.

PM2.5_PMBW	PM10_RUNEX	PM10_IDLEX	PM10_STREX	PM10_PMTW	PM10_PMBW	CO2_RUNEX	CO2_IDLEX	CO2_STREX	CH4_RUNEX	CH4_IDLEX	CH4_STREX	N2O_RUNEX	N2O_IDLEX	N2O_STREX	ROG_RUNEX	ROG_IDLEX
0.027870465	0.002755011	0	0.001699304	0.020000006	0.079629899	2127.691271	0	53.00666	0.212919987	0	0.000130466	0.199125632	0	0.010091188	1.292716792	0
0.024980112	0.033154977	0.043850303	0	0.035922125	0.07137175	1504.768842	22401.04862	0	0.000576864	0.461747458	0	0.237076944	3.529294332	0	0.012419717	9.941296155
0.002030133	0.001215058	0	0.002058778	0.008000002	0.00580038	280.8574484	0	69.00652295	0.002279522	0	0.069894986	0.004747838	0	0.033234584	0.008497857	0
0.002116976	0.01707561	0	0	0.008000002	0.006048502	237.7080259	0	0	0.001223565	0	0	0.037450996	0	0	0.026342626	0
0.002479917	0.002134092	0	0.003560134	0.008000002	0.007085478	338.7690307	0	90.42489782	0.008646736	0	0.133054384	0.012954348	0	0.043187296	0.038802784	0
0.002743604	0.250443956	0	0	0.008000002	0.00783887	425.76412	0	0	0.014222216	0	0	0.06707931	0	0	0.306195929	0
0.002333929	0.001248948	0	0.002096966	0.008000002	0.006668369	342.7881688	0	86.03271468	0.002952354	0	0.083243283	0.006284703	0	0.037639603	0.01155226	0
0.002273005	0.004723552	0	0	0.008000002	0.006494299	306.5315083	0	0	0.000516793	0	0	0.048294164	0	0	0.011126247	0
0.014763183	0.001061579	0	0.000537809	0.012000003	0.042180523	1641.640007	537.6644486	45.72612172	0.010756423	0.269980912	0.048528773	0.021167532	0.007682829	0.034394999	0.051310649	1.001781062
0.014761194	0.01134479	0.024005574	0	0.012000003	0.042174841	1066.724406	2020.051833	0	0.000687823	0.009969803	0	0.168062865	0.318259989	0	0.014808649	0.214647121
0.027630042	0.00236421	0	0.001524662	0.020000006	0.078942978	2056.00481	0	52.60063585	0.17831663	0	0.000152581	0.177889075	0	0.004828393	1.059091105	0
0.025186858	0.032993646	0.043532006	0	0.035923165	0.071962451	1477.65902	21905.74467	0	0.000565375	0.460721063	0	0.232805378	3.451258994	0	0.012172371	9.919198147
0.002030836	0.001175392	0	0.002003108	0.008000002	0.00580239	275.2452527	0	67.49364612	0.002089662	0	0.066169484	0.004524356	0	0.032439385	0.007660023	0
0.002125883	0.015116334	0	0	0.008000002	0.00607395	235.2600227	0	0	0.001108517	0	0	0.037065312	0	0	0.023865712	0
0.002477287	0.002004873	0	0.003366804	0.008000002	0.007077964	332.8355854	0	88.32293602	0.00781586	0	0.124792792	0.011938926	0	0.041869859	0.034874247	0
0.002760214	0.24624002	0	0	0.008000002	0.007886325	423.2996275	0	0	0.014018346	0	0	0.066691029	0	0	0.30180674	0
0.00233454	0.001203598	0	0.00203431	0.008000002	0.006670113	334.4844004	0	83.74695312	0.002709728	0	0.078516234	0.005885538	0	0.036478059	0.010446671	0
0.002284747	0.004477854	0	0	0.008000002	0.006527849	300.428169	0	0	0.000502625	0	0	0.04733258	0	0	0.010821225	0
0.014765656	0.001056267	0	0.000521105	0.012000003	0.042187588	1621.778328	533.0039657	44.99080724	0.009109011	0.27284691	0.047274547	0.018766748	0.007636907	0.034140732	0.042801915	1.003938414
0.014762851	0.010351073	0.019553802	0	0.012000003	0.042179573	1058.91463	1999.976879	0	0.00061102	0.009446505	0	0.166832431	0.315097172	0	0.013155089	0.203380669
0.027494182	0.002048096	0	0.001350852	0.020000006	0.078554806	1994.250254	0	52.27519205	0.150000432	0	0.000160158	0.166035639	0	0.005048134	0.866461298	0
0.025457705	0.032764096	0.043272307	0	0.035924393	0.0727363	1447.656994	21447.02009	0	0.000555284	0.460049614	0	0.228078949	3.37898675	0	0.011955109	9.904742036
0.002026402	0.001134323	0	0.001937152	0.008000002	0.005789721	270.4865634	0	66.06248936	0.001940576	0	0.062762723	0.004341535	0	0.031717125	0.006998116	0
0.002132748	0.012808967	0	0	0.008000002	0.006093565	232.879104	0	0	0.000986228	0	0	0.036690198	0	0	0.021232907	0
0.002469338	0.001881862	0	0.003166563	0.008000002	0.007055252	327.6046927	0	86.25548546	0.007072454	0	0.116871925	0.010986742	0	0.040617023	0.031360201	0
0.002671691	0.21695431	0	0	0.008000002	0.007633403	408.889275	0	0	0.012677991	0	0	0.064420672	0	0	0.272949682	0
0.002328717	0.001153787	0	0.001957962	0.008000002	0.006653478	327.6217187	0	81.69598706	0.002521031	0	0.07436542	0.005556089	0	0.035537949	0.009580641	0
0.002287363	0.004220575	0	0	0.008000002	0.006535324	295.2120097	0	0	0.000496008	0	0	0.046510772	0	0	0.010678768	0
0.014776606	0.001056014	0	0.00050864	0.012000003	0.042218874	1604.350135	528.4081149	44.29633594	0.007833373	0.275253364	0.046078803	0.016847431	0.007566973	0.033894858	0.036226601	1.005753463
0.014776589	0.009511954	0.015975565	0	0.012000003	0.042218826	1051.700304	1980.461751	0	0.000550171	0.009030191	0	0.165695811	0.312022555	0	0.011845032	0.19441754

ROG_STREX	ROG_HOTSOAK	ROG_RUNLOSS	ROG_DIURN	TOG_RUNEX	TOG_IDLEX	TOG_STREX	TOG_HOTSOAK	TOG_RUNLOSS	TOG_DIURN	NH3_RUNEX	CO_RUNEX	CO_IDLEX	CO_STREX	SOx_RUNEX	SOx_IDLEX	SOx_STREX
0.000677154	0.119024368	1.065060149	10.21905655	1.886329309	0	0.000741399	0.119024368	1.065060149	10.21905655	0.043131533	74.77127889	0	3.544203441	0.021034394	0	0.000524025
0	0	0	0	0.014138902	11.31740893	0	0	0	0	0.219779862	0.043139727	146.576773	0	0.014249261	0.212124535	0
0.311014588	0.093531159	0.248030984	1.667207489	0.012400053	0	0.340521825	0.093531159	0.248030984	1.667207489	0.035090408	0.735949123	0	3.077861693	0.002776562	0	0.0006822
0	0	0	0	0.029989328	0	0	0	0	0	0.0031	0.329556794	0	0	0.002252404	0	0
0.710141155	0.240546246	0.720610501	4.26834538	0.056620932	0	0.777515177	0.240546246	0.720610501	4.26834538	0.038229513	1.898535605	0	6.873515632	0.003349077	0	0.000893942
0	0	0	0	0.348583708	0	0	0	0	0	0.0031	2.018453183	0	0	0.004034331	0	0
0.383367172	0.090362405	0.257627481	1.730572489	0.01685703	0	0.419738798	0.090362405	0.257627481	1.730572489	0.037034112	0.861713871	0	3.664186584	0.00338881	0	0.000850521
0	0	0	0	0.012666492	0	0	0	0	0	0.0031	0.110147408	0	0	0.002904542	0	0
0.254962739	0.035365004	0.291256192	3.302243534	0.074872379	1.461796574	0.279152106	0.035365004	0.291256192	3.302243534	0.044986219	1.212321829	14.3462822	5.456908468	0.016229283	0.00531536	0.000452049
0	0	0	0	0.01685852	0.244359408	0	0	0	0	0.214209165	0.05736514	6.79226177	0	0.010101242	0.019128683	0
0.000791372	0.108167538	0.965009061	8.59173664	1.545423254	0	0.000866453	0.108167538	0.965009061	8.59173664	0.043885267	62.2118646	0	3.706269428	0.020325701	0	0.000520011
0	0	0	0	0.013857318	11.29225203	0	0	0	0	0.21980135	0.040278354	146.308008	0	0.013992547	0.207434303	0
0.291370403	0.090157529	0.244017508	1.623468542	0.011177487	0	0.319013916	0.090157529	0.244017508	1.623468542	0.035885892	0.698575175	0	2.917434927	0.00272108	0	0.000667243
0	0	0	0	0.027169527	0	0	0	0	0	0.0031	0.314681128	0	0	0.002229208	0	0
0.660243069	0.228738836	0.680086298	3.991604606	0.05088842	0	0.722883055	0.228738836	0.680086298	3.991604606	0.038352494	1.747546889	0	6.405576544	0.003290419	0	0.000873162
0	0	0	0	0.343586908	0	0	0	0	0	0.0031	2.022434993	0	0	0.004010979	0	0
0.357671694	0.086525988	0.251827162	1.679159396	0.015243758	0	0.391605484	0.086525988	0.251827162	1.679159396	0.037724096	0.811314245	0	3.455781881	0.003306719	0	0.000827924
0	0	0	0	0.012319246	0	0	0	0	0	0.0031	0.108317328	0	0	0.00284671	0	0
0.245319505	0.033282708	0.280504629	3.121938763	0.062456454	1.464944577	0.268593979	0.033282708	0.280504629	3.121938763	0.044996713	0.99641943	14.3703038	5.22433046	0.01603293	0.005269287	0.00044478
0	0	0	0	0.014976068	0.23153341	0	0	0	0	0.215110807	0.052866128	6.77931435	0	0.010027288	0.018938585	0
0.000830215	0.099529569	0.889703343	8.003547601	1.264338292	0	0.000908981	0.099529569	0.889703343	8.003547601	0.044237713	51.30180025	0	3.947732936	0.019715194	0	0.000516793
0	0	0	0	0.013609981	11.27579485	0	0	0	0	0.219821557	0.038045258	146.141166	0	0.013708446	0.203090455	0
0.273752601	0.087410622	0.242432695	1.604222677	0.010211635	0	0.29972464	0.087410622	0.242432695	1.604222677	0.036667726	0.66762851	0	2.774203993	0.002674035	0	0.000653095
0	0	0	0	0.024172253	0	0	0	0	0	0.0031	0.303370851	0	0	0.002206648	0	0
0.612742743	0.216486988	0.640863081	3.810437227	0.045760732	0	0.670876176	0.216486988	0.640863081	3.810437227	0.03851872	1.607060243	0	5.956473529	0.003238706	0	0.000852723
0	0	0	0	0.310735066	0	0	0	0	0	0.0031	2.250033244	0	0	0.003874434	0	0
0.335310006	0.082994375	0.244985485	1.631181705	0.013980049	0	0.36712225	0.082994375	0.244985485	1.631181705	0.038350687	0.771427076	0	3.280317363	0.003238874	0	0.000807648
0	0	0	0	0.012157067	0	0	0	0	0	0.0031	0.108332984	0	0	0.002797284	0	0
0.236113985	0.03131405	0.267773914	2.99920433	0.052861771	1.467593092	0.258515093	0.03131405	0.267773914	2.99920433	0.045	0.829342264	14.3905163	5.013342156	0.015860634	0.005223852	0.000437914
0	0	0	0	0.013484668	0.22132957	0	0	0	0	0.215877721	0.049294172	6.77280544	0	0.009958973	0.018753788	0

Table 5: On-Road Exhaust and Wear (grams/mile)

Region	Calendar Year	Vehicle Category	Fuel	Concat	ROG_Mile	NOx_Mile	CO_Mile	SOx_Mile	PM10_Mile	PM2.5_Mile	CO2_Mile	CH4_Mile	N2O_Mile	TOG_Mile
Mojave Desert	2025	HHDT	Gasoline	HHDT_Gasoline	1.292716792	7.037386378	74.77127889	0.021034394	0.102384916	0.035403597	2127.691271	0.212919987	0.199125632	1.886329309
Mojave Desert	2025	HHDT	Diesel	HHDT_Diesel	0.012419717	1.456710705	0.043139727	0.014249261	0.140448852	0.065681351	1504.768842	0.000576864	0.237076944	0.014138902
Mojave Desert	2025	LDA	Gasoline	LDA_Gasoline	0.008497857	0.041592967	0.735949123	0.002776562	0.015015441	0.005147335	280.8574484	0.002279522	0.004747838	0.012400053
Mojave Desert	2025	LDA	Diesel	LDA_Diesel	0.026342626	0.222689657	0.329556794	0.002252404	0.031124114	0.020453903	237.7080259	0.001223565	0.037450996	0.029989328
Mojave Desert	2025	LDT1	Gasoline	LDT1_Gasoline	0.038802784	0.190530344	1.898535605	0.003349077	0.017219572	0.006442136	338.7690307	0.008646736	0.012954348	0.056620932
Mojave Desert	2025	LDT1	Diesel	LDT1_Diesel	0.306195929	1.702992006	2.018453183	0.004034331	0.266282827	0.244353466	425.76412	0.014222216	0.06707931	0.348583708
Mojave Desert	2025	LDT2	Gasoline	LDT2_Gasoline	0.01155226	0.073967564	0.861713871	0.00338881	0.015917319	0.005482291	342.7881688	0.002952354	0.006284703	0.01685703
Mojave Desert	2025	LDT2	Diesel	LDT2_Diesel	0.011126247	0.045882192	0.110147408	0.002904542	0.019217853	0.008792218	306.5315083	0.000516793	0.048294164	0.012666492
Mojave Desert	2025	MHDT	Gasoline	MHDT_Gasoline	0.051310649	0.404059504	1.212321829	0.016229283	0.055242105	0.018739266	1641.640007	0.010756423	0.021167532	0.074872379
Mojave Desert	2025	MHDT	Diesel	MHDT_Diesel	0.014808649	0.790356303	0.05736514	0.010101242	0.065519634	0.028615214	1066.724406	0.000687823	0.168062865	0.01685852
Mojave Desert	2025	passenger	Gasoline	passenger_Gasoline	0.024413921	0.124155305	1.348683551	0.003215881	0.016342976	0.005878475	325.2959196	0.005631337	0.009235309	0.035624737
Mojave Desert	2025	passenger	Diesel	passenger_Diesel	0.162465183	0.918638965	1.119152642	0.003306402	0.145726906	0.129488263	348.9419435	0.007546197	0.054975945	0.184955809
Mojave Desert	2025	vendor	Gasoline	vendor_Gasoline	0.051310649	0.404059504	1.212321829	0.016229283	0.055242105	0.018739266	1641.640007	0.010756423	0.021167532	0.074872379
Mojave Desert	2025	vendor	Diesel	vendor_Diesel	0.014808649	0.790356303	0.05736514	0.010101242	0.065519634	0.028615214	1066.724406	0.000687823	0.168062865	0.01685852
Mojave Desert	2025	hhdt	Gasoline	hhdt_Gasoline	1.292716792	7.037386378	74.77127889	0.021034394	0.102384916	0.035403597	2127.691271	0.212919987	0.199125632	1.886329309
Mojave Desert	2025	hhdt	Diesel	hhdt_Diesel	0.012419717	1.456710705	0.043139727	0.014249261	0.140448852	0.065681351	1504.768842	0.000576864	0.237076944	0.014138902

Table 6: On-Road Start Up and Evap (grams/trip)

Region	Calendar Year	Vehicle Category	Fuel	Concat	ROG_Trip	NOx_Trip	CO_Trip	SOx_Trip	PM10_Trip	PM2.5_Trip	CO2_Trip	CH4_Trip	N2O_Trip	TOG_Trip
Mojave Desert	2025	HHDT	Gasoline	HHDT_Gasoline	1.184761672	0.406860161	3.544203441	0.000524025	0.001699304	0.001562447	53.00666	0.000130466	0.010091188	1.184825916
Mojave Desert	2025	HHDT	Diesel	HHDT_Diesel	0	2.443666731	0	0	0	0	0	0	0	0
Mojave Desert	2025	LDA	Gasoline	LDA_Gasoline	0.652576731	0.249521298	3.077861693	0.0006822	0.002058778	0.00189297	69.00652295	0.069894986	0.033234584	0.682083968
Mojave Desert	2025	LDA	Diesel	LDA_Diesel	0	0	0	0	0	0	0	0	0	0
Mojave Desert	2025	LDT1	Gasoline	LDT1_Gasoline	1.671297901	0.480605314	6.873515632	0.000893942	0.003560134	0.003273412	90.42489782	0.133054384	0.043187296	1.738671924
Mojave Desert	2025	LDT1	Diesel	LDT1_Diesel	0	0	0	0	0	0	0	0	0	0
Mojave Desert	2025	LDT2	Gasoline	LDT2_Gasoline	0.731357058	0.338396721	3.664186584	0.000850521	0.002096966	0.001928082	86.03271468	0.083243283	0.037639603	0.767728684
Mojave Desert	2025	LDT2	Diesel	LDT2_Diesel	0	0	0	0	0	0	0	0	0	0
Mojave Desert	2025	MHDT	Gasoline	MHDT_Gasoline	0.581583934	0.427317314	5.456908468	0.000452049	0.000537809	0.000494496	45.72612172	0.048528773	0.034394999	0.605773302
Mojave Desert	2025	MHDT	Diesel	MHDT_Diesel	0	1.404894649	0	0	0	0	0	0	0	0
Mojave Desert	2025	passenger	Gasoline	passenger_Gasoline	1.181632398	0.387282162	5.122269885	0.000830151	0.002819003	0.002591969	83.97225832	0.104811759	0.039312195	1.231789125
Mojave Desert	2025	passenger	Diesel	passenger_Diesel	0	0	0	0	0	0	0	0	0	0
Mojave Desert	2025	vendor	Gasoline	vendor_Gasoline	0.581583934	0.427317314	5.456908468	0.000452049	0.000537809	0.000494496	45.72612172	0.048528773	0.034394999	0.605773302
Mojave Desert	2025	vendor	Diesel	vendor_Diesel	0	1.404894649	0	0	0	0	0	0	0	0
Mojave Desert	2025	hhdt	Gasoline	hhdt_Gasoline	1.184761672	0.406860161	3.544203441	0.000524025	0.001699304	0.001562447	53.00666	0.000130466	0.010091188	1.184825916
Mojave Desert	2025	hhdt	Diesel	hhdt_Diesel	0	2.443666731	0	0	0	0	0	0	0	0

Table 7: On-Road Start Idle and Evap (grams/vehicle/day)

Region	Calendar Year	Vehicle Category	Fuel	Concat	ROG_Vehicle	NOx_Vehicle	CO_Vehicle	SOx_Vehicle	PM10_Vehicle	PM2.5_Vehicle	CO2_Vehicle	CH4_Vehicle	N2O_Vehicle	TOG_Vehicle
Mojave Desert	2025	HHDT	Gasoline	HHDT_Gasoline	10.21905655	0	0	0	0	0	0	0	0	10.21905655
Mojave Desert	2025	HHDT	Diesel	HHDT_Diesel	9.941296155	114.8408525	146.576773	0.212124535	0.043850303	0.041953358	22401.04862	0.461747458	3.529294332	11.31740893
Mojave Desert	2025	LDA	Gasoline	LDA_Gasoline	1.667207489	0	0	0	0	0	0	0	0	1.667207489
Mojave Desert	2025	LDA	Diesel	LDA_Diesel	0	0	0	0	0	0	0	0	0	0
Mojave Desert	2025	LDT1	Gasoline	LDT1_Gasoline	4.26834538	0	0	0	0	0	0	0	0	4.26834538
Mojave Desert	2025	LDT1	Diesel	LDT1_Diesel	0	0	0	0	0	0	0	0	0	0
Mojave Desert	2025	LDT2	Gasoline	LDT2_Gasoline	1.730572489	0	0	0	0	0	0	0	0	1.730572489
Mojave Desert	2025	LDT2	Diesel	LDT2_Diesel	0	0	0	0	0	0	0	0	0	0
Mojave Desert	2025	MHDT	Gasoline	MHDT_Gasoline	4.304024595	0.087190332	14.34628222	0.00531536	0	0	537.6644486	0.269980912	0.007682829	4.764040107
Mojave Desert	2025	MHDT	Diesel	MHDT_Diesel	0.214647121	11.51410079	6.792261765	0.019128683	0.024005574	0.022967104	2020.051833	0.009969803	0.318259989	0.244359408
Mojave Desert	2025	passenger	Gasoline	passenger_Gasoline	2.983617685	0	0	0	0	0	0	0	0	2.983617685
Mojave Desert	2025	passenger	Diesel	passenger_Diesel	0	0	0	0	0	0	0	0	0	0
Mojave Desert	2025	vendor	Gasoline	vendor_Gasoline	4.304024595	0.087190332	14.34628222	0.00531536	0	0	537.6644486	0.269980912	0.007682829	4.764040107
Mojave Desert	2025	vendor	Diesel	vendor_Diesel	0.214647121	11.51410079	6.792261765	0.019128683	0.024005574	0.022967104	2020.051833	0.009969803	0.318259989	0.244359408
Mojave Desert	2025	hhdt	Gasoline	hhdt_Gasoline	10.21905655	0	0	0	0	0	0	0	0	10.21905655
Mojave Desert	2025	hhdt	Diesel	hhdt_Diesel	9.941296155	114.8408525	146.576773	0.212124535	0.043850303	0.041953358	22401.04862	0.461747458	3.529294332	11.31740893

Table 8: Entrained Road Dust Emission Factors - Paved (pounds/mile)

Paved	k	sL	W	Uncontrolled EF	Controlled EF
PM10	1	0.1	2.4	0.0007	0.0007
PM2.5	0.25	0.1	2.4	0.0002	0.0002

Equation from: AP-42 13.2.1

Emission factor (g/VMT) = $k \times (sL)^{0.91} \times W^{1.02}$

sL and W (silt loading and vehicle weight) are CalEEMod default values

Table 9: Entrained Road Dust Emission Factors - Unpaved (pounds/mile)

Unpaved	k	s	W	P	Uncontrolled EF	Controlled EF
PM10	1.5	8.5	2.4	28	0.918	0.413
PM2.5	0.15	8.5	2.4	28	0.092	0.041

Equation from: EPA AP-42, 13.2.2, for industrial sites

Emission factor (lb/VMT) = $(k)[(s/12)^{0.9}][[(W/3)^{0.45}]] \times (1-P/365)$

k = constant (lb/VMT) = 1.5 lb/VMT for PM10 and 0.15 lb/VMT for PM2.5

s = Silt Content (8.5%, construction sites, AP-42, Table 13.2.2.1)

W = avg. vehicle weight (tons) = 2.4 ton

P = number of days in a year with at least 0.1 inch of precipitation, 28 is the CalEEMod default for Riverside County in MDAQMD

Watering twice daily assumed to reduce emissions by 55%

Table 10: Material Loading/Unloading Emission Factor (pounds/acre/day)

Pollutant	k	U	M	Uncontrolled EF	Controlled EF
PM10	0.35	5.816	0.12	0.070009501	0.027303705
PM2.5	0.053	5.816	0.12	0.010601439	0.004134561

Fugitive dust from material unloading are calculated as follows:

Emission factor (lb/ton) = $k * 0.0032 * [(U/5)^{1.3}] / [(M/2)^{1.4}]$

k = Particle size constant (0.35 for PM10 and 0.053 for PM2.5)

U = average wind speed = 2.6 m/s (5.816 mph) for SCAQMD in Riverside County (CalEEMod Default)

M = moisture content = 12% (CalEEMod Default)

Table 11: Global Warming Potentials

Pollutant	GWP
CO2	1
CH4	25
N2O	298
SF6	23500

Sources: CalEEMod User Guide Appendix G,
Table G-39,
USEPA: [https://www.epa.gov/eps-
partnership/sulfur-hexafluoride-sf6-basics](https://www.epa.gov/eps-partnership/sulfur-hexafluoride-sf6-basics)

Table 12: Activity List

Index	Activity	District	Workforce	Schedule Days
L-01	TSP Foundation	SCAQMD	12	96
L-02	TSP Installation	SCAQMD	16	96
L-03	LWS Installation	SCAQMD	8	14
L-04	Structure Removal (TSP Foundation Only)	SCAQMD	12	50
L-05	Reconductor (Clipping/Unclipping)	SCAQMD	10	174
L-06	Line Sleeves	SCAQMD	12	4
L-07	Guard Site Installation	SCAQMD	8	6
L-08	Guard Site Removal	SCAQMD	8	3
L-09	Pulling	SCAQMD	22	160
L-10	Splicing	SCAQMD	6	2
L-11	SWPPP Implementation	SCAQMD	4	257
L-12	Access Road Improvement	SCAQMD	2	18
L-13	Staging Yards	SCAQMD	4	96
L-01	TSP Foundation	MDAQMD	12	99
L-02	TSP Installation	MDAQMD	16	99
L-03	LWS Installation	MDAQMD	8	8
L-04	Structure Removal (TSP Foundation Only)	MDAQMD	12	0
L-05	Reconductor (Clipping/Unclipping)	MDAQMD	10	132
L-06	Line Sleeves	MDAQMD	12	4
L-07	Guard Site Installation	MDAQMD	8	15
L-08	Guard Site Removal	MDAQMD	8	7
L-09	Pulling	MDAQMD	22	232
L-10	Splicing	MDAQMD	6	3
L-11	SWPPP Implementation	MDAQMD	4	257
L-12	Access Road Improvement	MDAQMD	2	18
L-13	Staging Yards	MDAQMD	4	96

Table 13: Equipment List

EquipIndex	Activity Index	Activity Name	District	Equipment Name	Equipment Location	HP	Fuel Type	Quantity	Hours Per Day	Days Used	Trips/Day	On-Off	On Type	CalEEModType
1	L-01	TSP Foundation	SCAQMD	LoDrill	On	221	Diesel	1	10	96	NA	off		Bore/Drill Rigs
2	L-01	TSP Foundation	SCAQMD	Crane	On	231	Diesel	1	6	96	NA	off		Cranes
3	L-01	TSP Foundation	SCAQMD	Flatbed Truck	On	402	Diesel	1	2	96	NA	off		Off-Highway Trucks
4	L-01	TSP Foundation	SCAQMD	Concrete Truck	On	96	Diesel	3	4	96	NA	off		Off-Highway Trucks
5	L-01	TSP Foundation	SCAQMD	Worker Commute	Off	NA	Gasoline	5	NA	96	1	on	passenger	
6	L-01	TSP Foundation	SCAQMD	Haul Truck	Off	NA	Diesel	1	NA	32	1	on	hhdt	
7	L-01	TSP Foundation	SCAQMD	Ready Mix Truck	Off	NA	Diesel	3	NA	32	1	on	hhdt	
8	L-01	TSP Foundation	SCAQMD	Pickup Truck	Off	NA	Gasoline	1	NA	96	1	on	passenger	
9	L-02	TSP Installation	SCAQMD	Flatbed Truck	On	402	Diesel	1	2	96	NA	off		Off-Highway Trucks
10	L-02	TSP Installation	SCAQMD	Crane	On	231	Diesel	1	10	96	NA	off		Cranes
11	L-02	TSP Installation	SCAQMD	Bucket or Boom Truck	On	402	Diesel	1	10	96	NA	off		Cranes
12	L-02	TSP Installation	SCAQMD	Worker Commute	Off	NA	Gasoline	7	NA	96	1	on	passenger	
13	L-02	TSP Installation	SCAQMD	Haul Truck	Off	NA	Diesel	1	NA	32	1	on	hhdt	
14	L-02	TSP Installation	SCAQMD	Ready Mix Truck	Off	NA	Diesel	0	NA	0	0	on	hhdt	
15	L-02	TSP Installation	SCAQMD	Pickup Truck	Off	NA	Gasoline	1	NA	96	1	on	passenger	
16	L-03	LWS Installation	SCAQMD	Line Truck	On	402	Diesel	1	1	14	NA	off		Off-Highway Trucks
17	L-03	LWS Installation	SCAQMD	Boom Truck	On	402	Diesel	1	6	14	NA	off		Cranes
18	L-03	LWS Installation	SCAQMD	Bucket Truck	On	402	Diesel	1	10	14	NA	off		Cranes
19	L-03	LWS Installation	SCAQMD	Worker Commute	Off	NA	Gasoline	7	NA	14	1	on	passenger	
20	L-03	LWS Installation	SCAQMD	Haul Truck	Off	NA	Diesel	1	NA	14	1	on	hhdt	
21	L-03	LWS Installation	SCAQMD	Ready Mix Truck	Off	NA	Diesel	0	NA	0	0	on	hhdt	
22	L-03	LWS Installation	SCAQMD	Pickup Truck	Off	NA	Gasoline	1	NA	14	1	on	passenger	
23	L-04	Structure Removal (TSP Foundation Only)	SCAQMD	Crane	On	231	Diesel	1	3	50	NA	off		Cranes
24	L-04	Structure Removal (TSP Foundation Only)	SCAQMD	Flatbed Truck	On	402	Diesel	1	3	50	NA	off		Off-Highway Trucks
25	L-04	Structure Removal (TSP Foundation Only)	SCAQMD	Dump Truck	On	402	Diesel	1	10	50	NA	off		Off-Highway Trucks
26	L-04	Structure Removal (TSP Foundation Only)	SCAQMD	Backhoe with Breaker	On	97	Diesel	1	10	50	NA	off		Tractors/Loaders/Backhoes
27	L-04	Structure Removal (TSP Foundation Only)	SCAQMD	Worker Commute	Off	NA	Gasoline	5	NA	14	1	on	passenger	
28	L-04	Structure Removal (TSP Foundation Only)	SCAQMD	Haul Truck	Off	NA	Diesel	1	NA	14	1	on	hhdt	
29	L-04	Structure Removal (TSP Foundation Only)	SCAQMD	Ready Mix Truck	Off	NA	Diesel	0	NA	0	0	on	hhdt	
30	L-04	Structure Removal (TSP Foundation Only)	SCAQMD	Pickup Truck	Off	NA	Gasoline	1	NA	14	1	on	passenger	
31	L-05	Reconductor (Clipping/Unclicking)	SCAQMD	Bucket Truck	On	402	Diesel	1	4	174	NA	off		Cranes
32	L-05	Reconductor (Clipping/Unclicking)	SCAQMD	Worker Commute	Off	NA	Gasoline	4	NA	174	1	on	passenger	
33	L-05	Reconductor (Clipping/Unclicking)	SCAQMD	Haul Truck	Off	NA	Diesel	1	NA	174	1	on	hhdt	
34	L-05	Reconductor (Clipping/Unclicking)	SCAQMD	Ready Mix Truck	Off	NA	Diesel	0	NA	0	0	on	hhdt	
35	L-05	Reconductor (Clipping/Unclicking)	SCAQMD	Pickup Truck	Off	NA	Gasoline	1	NA	174	1	on	passenger	
36	L-06	Line Sleeves	SCAQMD	Bucket Truck	On	402	Diesel	1	1	4	NA	off		Cranes
37	L-06	Line Sleeves	SCAQMD	Worker Commute	Off	NA	Gasoline	5	NA	4	1	on	passenger	
38	L-06	Line Sleeves	SCAQMD	Haul Truck	Off	NA	Diesel	1	NA	4	1	on	hhdt	
39	L-06	Line Sleeves	SCAQMD	Ready Mix Truck	Off	NA	Diesel	0	NA	0	0	on	hhdt	
40	L-06	Line Sleeves	SCAQMD	Pickup Truck	Off	NA	Gasoline	1	NA	4	1	on	passenger	
41	L-07	Guard Site Installation	SCAQMD	Line Truck with Auger	On	402	Diesel	1	6	6	NA	off		Off-Highway Trucks
42	L-07	Guard Site Installation	SCAQMD	Boom Truck	On	402	Diesel	1	6	6	NA	off		Cranes
43	L-07	Guard Site Installation	SCAQMD	Worker Commute	Off	NA	Gasoline	3	NA	6	1	on	passenger	
44	L-07	Guard Site Installation	SCAQMD	Haul Truck	Off	NA	Diesel	1	NA	6	1	on	hhdt	
45	L-07	Guard Site Installation	SCAQMD	Ready Mix Truck	Off	NA	Diesel	0	NA	0	0	on	hhdt	
46	L-07	Guard Site Installation	SCAQMD	Pickup Truck	Off	NA	Gasoline	1	NA	6	1	on	passenger	
47	L-08	Guard Site Removal	SCAQMD	Line Truck with Auger	On	402	Diesel	1	3	3	NA	off		Off-Highway Trucks
48	L-08	Guard Site Removal	SCAQMD	Boom Truck	On	402	Diesel	1	3	3	NA	off		Cranes
49	L-08	Guard Site Removal	SCAQMD	Worker Commute	Off	NA	Gasoline	3	NA	3	1	on	passenger	
50	L-08	Guard Site Removal	SCAQMD	Haul Truck	Off	NA	Diesel	1	NA	3	1	on	hhdt	
51	L-08	Guard Site Removal	SCAQMD	Ready Mix Truck	Off	NA	Diesel	0	NA	0	0	on	hhdt	
52	L-08	Guard Site Removal	SCAQMD	Pickup Truck	Off	NA	Gasoline	1	NA	3	1	on	passenger	
53	L-09	Pulling	SCAQMD	V-Groove	On	172	Diesel	1	10	160	NA	off		Other Construction Equipment
54	L-09	Pulling	SCAQMD	Crane	On	231	Diesel	1	10	160	NA	off		Cranes
55	L-09	Pulling	SCAQMD	Tensioner	On	172	Diesel	1	10	160	NA	off		Other Construction Equipment
56	L-09	Pulling	SCAQMD	Forklift	On	89	Diesel	1	10	160	NA	off		Forklifts
57	L-09	Pulling	SCAQMD	Boom Truck	On	402	Diesel	2	10	160	NA	off		Cranes

EquipIndex	Activity Index	Activity Name	District	Equipment Name	Equipment Location	HP	Fuel Type	Quantity	Hours Per Day	Days Used	Trips/Day	On-Off	On Type	CalEEModType
58	L-09	Pulling	SCAQMD	Sagging Cat	On	97	Diesel	1	10	160	NA	off		Crawler Tractors
59	L-09	Pulling	SCAQMD	Flatbed Truck	On	402	Diesel	1	10	160	NA	off		Off-Highway Trucks
60	L-09	Pulling	SCAQMD	Worker Commute	Off	NA	Gasoline	10	NA	160	1	on	passenger	
61	L-09	Pulling	SCAQMD	Haul Truck	Off	NA	Diesel	1	NA	160	1	on	hhdt	
62	L-09	Pulling	SCAQMD	Ready Mix Truck	Off	NA	Diesel	0	NA	0	0	on	hhdt	
63	L-09	Pulling	SCAQMD	Pickup Truck	Off	NA	Gasoline	1	NA	160	1	on	passenger	
64	L-10	Splicing	SCAQMD	Bucket Truck	On	402	Diesel	1	1	2	NA	off		Cranes
65	L-10	Splicing	SCAQMD	Worker Commute	Off	NA	Gasoline	2	NA	2	1	on	passenger	
66	L-10	Splicing	SCAQMD	Haul Truck	Off	NA	Diesel	1	NA	2	1	on	hhdt	
67	L-10	Splicing	SCAQMD	Ready Mix Truck	Off	NA	Diesel	0	NA	0	0	on	hhdt	
68	L-10	Splicing	SCAQMD	Pickup Truck	Off	NA	Gasoline	1	NA	2	1	on	passenger	
69	L-11	SWPPP Implementation	SCAQMD	Water Truck	Off	402	Diesel	2	8	257	NA	off		Off-Highway Trucks
70	L-11	SWPPP Implementation	SCAQMD	Worker Commute	Off	NA	Gasoline	0	NA	257	0	on	passenger	
71	L-11	SWPPP Implementation	SCAQMD	Haul Truck	Off	NA	Diesel	0	NA	257	0	on	hhdt	
72	L-11	SWPPP Implementation	SCAQMD	Ready Mix Truck	Off	NA	Diesel	0	NA	0	0	on	hhdt	
73	L-11	SWPPP Implementation	SCAQMD	Pickup Truck	Off	NA	Gasoline	2	NA	257	1	on	passenger	
74	L-12	Access Road Improvement	SCAQMD	Motor Grader	On	148	Diesel	1	8	36	NA	off		Graders
75	L-12	Access Road Improvement	SCAQMD	Water Truck	Off	402	Diesel	1	8	36	NA	off		Off-Highway Trucks
76	L-12	Access Road Improvement	SCAQMD	Pickup Truck	Off	NA	Gasoline	1	NA	36	1	on	passenger	
77	L-12	Access Road Improvement	SCAQMD	Skid Steer	On	71	Diesel	1	8	36	NA	off		Skid Steer Loaders
78	L-13	Staging Yards	SCAQMD	Pickup Truck	Off	NA	Gasoline	1	NA	192	1	on	passenger	
79	L-13	Staging Yards	SCAQMD	Forklift	On	89	Diesel	1	4	192	NA	off		Forklifts
80	L-13	Staging Yards	SCAQMD	Generator	On	45	Diesel	1	8	192	NA	off		Generator Sets
81	L-13	Staging Yards	SCAQMD	Worker Commute	Off	NA	Gasoline	1	NA	192	1	on	passenger	
82	L-01	TSP Foundation	MDAQMD	LoDrill	On	221	Diesel	1	10	99	NA	off		Bore/Drill Rigs
83	L-01	TSP Foundation	MDAQMD	Crane	On	231	Diesel	1	6	99	NA	off		Cranes
84	L-01	TSP Foundation	MDAQMD	Flatbed Truck	On	402	Diesel	1	2	99	NA	off		Off-Highway Trucks
85	L-01	TSP Foundation	MDAQMD	Concrete Truck	On	96	Diesel	3	4	99	NA	off		Off-Highway Trucks
86	L-01	TSP Foundation	MDAQMD	Worker Commute	Off	NA	Gasoline	5	NA	99	1	on	passenger	
87	L-01	TSP Foundation	MDAQMD	Haul Truck	Off	NA	Diesel	1	NA	33	1	on	hhdt	
88	L-01	TSP Foundation	MDAQMD	Ready Mix Truck	Off	NA	Diesel	3	NA	33	1	on	hhdt	
89	L-01	TSP Foundation	MDAQMD	Pickup Truck	Off	NA	Gasoline	1	NA	99	1	on	passenger	
90	L-02	TSP Installation	MDAQMD	Flatbed Truck	On	402	Diesel	1	2	99	NA	off		Off-Highway Trucks
91	L-02	TSP Installation	MDAQMD	Crane	On	231	Diesel	1	10	99	NA	off		Cranes
92	L-02	TSP Installation	MDAQMD	Bucket or Boom Truck	On	402	Diesel	1	10	99	NA	off		Cranes
93	L-02	TSP Installation	MDAQMD	Worker Commute	Off	NA	Gasoline	7	NA	99	1	on	passenger	
94	L-02	TSP Installation	MDAQMD	Haul Truck	Off	NA	Diesel	1	NA	33	1	on	hhdt	
95	L-02	TSP Installation	MDAQMD	Ready Mix Truck	Off	NA	Diesel	0	NA	0	0	on	hhdt	
96	L-02	TSP Installation	MDAQMD	Pickup Truck	Off	NA	Gasoline	1	NA	99	1	on	passenger	
97	L-03	LWS Installation	MDAQMD	Line Truck	On	402	Diesel	0	1	8	NA	off		Off-Highway Trucks
98	L-03	LWS Installation	MDAQMD	Boom Truck	On	402	Diesel	0	6	8	NA	off		Cranes
99	L-03	LWS Installation	MDAQMD	Bucket Truck	On	402	Diesel	0	10	8	NA	off		Cranes
100	L-03	LWS Installation	MDAQMD	Worker Commute	Off	NA	Gasoline	0	NA	8	0	on	passenger	
101	L-03	LWS Installation	MDAQMD	Haul Truck	Off	NA	Diesel	0	NA	8	0	on	hhdt	
102	L-03	LWS Installation	MDAQMD	Ready Mix Truck	Off	NA	Diesel	0	NA	0	0	on	hhdt	
103	L-03	LWS Installation	MDAQMD	Pickup Truck	Off	NA	Gasoline	0	NA	8	0	on	passenger	
104	L-04	Structure Removal (TSP Foundation Only)	MDAQMD	Crane	On	231	Diesel	0	0	0	NA	off		Cranes
105	L-04	Structure Removal (TSP Foundation Only)	MDAQMD	Flatbed Truck	On	402	Diesel	0	0	0	NA	off		Off-Highway Trucks
106	L-04	Structure Removal (TSP Foundation Only)	MDAQMD	Dump Truck	On	402	Diesel	0	0	0	NA	off		Off-Highway Trucks
107	L-04	Structure Removal (TSP Foundation Only)	MDAQMD	Backhoe with Breaker	On	97	Diesel	0	0	0	NA	off		Tractors/Loaders/Backhoes
108	L-04	Structure Removal (TSP Foundation Only)	MDAQMD	Worker Commute	Off	NA	Gasoline	0	NA	0	0	on	passenger	
109	L-04	Structure Removal (TSP Foundation Only)	MDAQMD	Haul Truck	Off	NA	Diesel	0	NA	0	0	on	hhdt	
110	L-04	Structure Removal (TSP Foundation Only)	MDAQMD	Ready Mix Truck	Off	NA	Diesel	0	NA	0	0	on	hhdt	
111	L-04	Structure Removal (TSP Foundation Only)	MDAQMD	Pickup Truck	Off	NA	Gasoline	0	NA	0	0	on	passenger	
112	L-05	Reconductor (Clipping/Unclipping)	MDAQMD	Bucket Truck	On	402	Diesel	1	4	132	NA	off		Cranes
113	L-05	Reconductor (Clipping/Unclipping)	MDAQMD	Worker Commute	Off	NA	Gasoline	4	NA	132	1	on	passenger	
114	L-05	Reconductor (Clipping/Unclipping)	MDAQMD	Haul Truck	Off	NA	Diesel	1	NA	132	1	on	hhdt	
115	L-05	Reconductor (Clipping/Unclipping)	MDAQMD	Ready Mix Truck	Off	NA	Diesel	0	NA	0	0	on	hhdt	

EquipIndex	Activity Index	Activity Name	District	Equipment Name	Equipment Location	HP	Fuel Type	Quantity	Hours Per Day	Days Used	Trips/Day	On-Off	On Type	CalEEModType
116	L-05	Reconductor (Clipping/Unclipping)	MDAQMD	Pickup Truck	Off	NA	Gasoline	1	NA	132	1	on	passenger	
117	L-06	Line Sleeves	MDAQMD	Bucket Truck	On	402	Diesel	1	1	4	NA	off		Cranes
118	L-06	Line Sleeves	MDAQMD	Worker Commute	Off	NA	Gasoline	5	NA	4	1	on	passenger	
119	L-06	Line Sleeves	MDAQMD	Haul Truck	Off	NA	Diesel	1	NA	4	1	on	hhdt	
120	L-06	Line Sleeves	MDAQMD	Ready Mix Truck	Off	NA	Diesel	0	NA	0	0	on	hhdt	
121	L-06	Line Sleeves	MDAQMD	Pickup Truck	Off	NA	Gasoline	1	NA	4	1	on	passenger	
122	L-07	Guard Site Installation	MDAQMD	Line Truck with Auger	On	402	Diesel	1	6	15	NA	off		Off-Highway Trucks
123	L-07	Guard Site Installation	MDAQMD	Boom Truck	On	402	Diesel	1	6	15	NA	off		Cranes
124	L-07	Guard Site Installation	MDAQMD	Worker Commute	Off	NA	Gasoline	3	NA	15	1	on	passenger	
125	L-07	Guard Site Installation	MDAQMD	Haul Truck	Off	NA	Diesel	1	NA	15	1	on	hhdt	
126	L-07	Guard Site Installation	MDAQMD	Ready Mix Truck	Off	NA	Diesel	0	NA	0	0	on	hhdt	
127	L-07	Guard Site Installation	MDAQMD	Pickup Truck	Off	NA	Gasoline	1	NA	15	1	on	passenger	
128	L-08	Guard Site Removal	MDAQMD	Line Truck with Auger	On	402	Diesel	1	3	7	NA	off		Off-Highway Trucks
129	L-08	Guard Site Removal	MDAQMD	Boom Truck	On	402	Diesel	1	3	7	NA	off		Cranes
130	L-08	Guard Site Removal	MDAQMD	Worker Commute	Off	NA	Gasoline	3	NA	7	1	on	passenger	
131	L-08	Guard Site Removal	MDAQMD	Haul Truck	Off	NA	Diesel	1	NA	7	1	on	hhdt	
132	L-08	Guard Site Removal	MDAQMD	Ready Mix Truck	Off	NA	Diesel	0	NA	0	0	on	hhdt	
133	L-08	Guard Site Removal	MDAQMD	Pickup Truck	Off	NA	Gasoline	1	NA	7	1	on	passenger	
134	L-09	Pulling	MDAQMD	V-Groove	On	172	Diesel	1	10	232	NA	off		Other Construction Equipment
135	L-09	Pulling	MDAQMD	Crane	On	231	Diesel	1	10	232	NA	off		Cranes
136	L-09	Pulling	MDAQMD	Tensioner	On	172	Diesel	1	10	232	NA	off		Other Construction Equipment
137	L-09	Pulling	MDAQMD	Forklift	On	89	Diesel	1	10	232	NA	off		Forklifts
138	L-09	Pulling	MDAQMD	Boom Truck	On	402	Diesel	2	10	232	NA	off		Cranes
139	L-09	Pulling	MDAQMD	Sagging Cat	On	97	Diesel	1	10	232	NA	off		Crawler Tractors
140	L-09	Pulling	MDAQMD	Flatbed Truck	On	402	Diesel	1	10	232	NA	off		Off-Highway Trucks
141	L-09	Pulling	MDAQMD	Worker Commute	Off	NA	Gasoline	10	NA	232	1	on	passenger	
142	L-09	Pulling	MDAQMD	Haul Truck	Off	NA	Diesel	1	NA	232	1	on	hhdt	
143	L-09	Pulling	MDAQMD	Ready Mix Truck	Off	NA	Diesel	0	NA	0	0	on	hhdt	
144	L-09	Pulling	MDAQMD	Pickup Truck	Off	NA	Gasoline	1	NA	232	1	on	passenger	
145	L-10	Splicing	MDAQMD	Bucket Truck	On	402	Diesel	1	1	3	NA	off		Cranes
146	L-10	Splicing	MDAQMD	Worker Commute	Off	NA	Gasoline	2	NA	3	1	on	passenger	
147	L-10	Splicing	MDAQMD	Haul Truck	Off	NA	Diesel	1	NA	3	1	on	hhdt	
148	L-10	Splicing	MDAQMD	Ready Mix Truck	Off	NA	Diesel	0	NA	0	0	on	hhdt	
149	L-10	Splicing	MDAQMD	Pickup Truck	Off	NA	Gasoline	1	NA	3	1	on	passenger	
150	L-11	SWPPP Implementation	MDAQMD	Water Truck	Off	402	Diesel	2	8	257	NA	off		Off-Highway Trucks
151	L-11	SWPPP Implementation	MDAQMD	Worker Commute	Off	NA	Gasoline	0	NA	257	0	on	passenger	
152	L-11	SWPPP Implementation	MDAQMD	Haul Truck	Off	NA	Diesel	0	NA	257	0	on	hhdt	
153	L-11	SWPPP Implementation	MDAQMD	Ready Mix Truck	Off	NA	Diesel	0	NA	0	0	on	hhdt	
154	L-11	SWPPP Implementation	MDAQMD	Pickup Truck	Off	NA	Gasoline	2	NA	257	1	on	passenger	
155	L-12	Access Road Improvement	MDAQMD	Motor Grader	On	148	Diesel	1	8	36	NA	off		Graders
156	L-12	Access Road Improvement	MDAQMD	Water Truck	Off	402	Diesel	1	8	36	NA	off		Off-Highway Trucks
157	L-12	Access Road Improvement	MDAQMD	Pickup Truck	Off	NA	Gasoline	1	NA	36	1	on	passenger	
158	L-12	Access Road Improvement	MDAQMD	Skid Steer	On	71	Diesel	1	8	36	NA	off		Skid Steer Loaders
159	L-13	Staging Yards	MDAQMD	Pickup Truck	Off	NA	Gasoline	1	NA	192	1	on	passenger	
160	L-13	Staging Yards	MDAQMD	Forklift	On	89	Diesel	1	4	192	NA	off		Forklifts
161	L-13	Staging Yards	MDAQMD	Generator	On	45	Diesel	1	8	192	NA	off		Generator Sets
162	L-13	Staging Yards	MDAQMD	Worker Commute	Off	NA	Gasoline	1	NA	192	1	on	passenger	

Table 14: Earthmoving Activities

Index	Activity	District	Total Excavations	Typical Volume (CY)	Total Volume (CY)	Daily Volume (CY)
L-01	TSP Foundation	SCAQMD	32	23	736	7.7
L-02	TSP Installation	SCAQMD	0	0	0	0
L-03	LWS Installation	SCAQMD	14	6	84	6
L-04	Structure Removal (TSP Foundation Only)	SCAQMD	0	0	0	0
L-05	Reconductor (Clipping/Unclipping)	SCAQMD	0	0	0	0
L-06	Line Sleeves	SCAQMD	0	0	0	0
L-07	Guard Site Installation	SCAQMD	22	3	66	11
L-08	Guard Site Removal	SCAQMD	0	0	0	0
L-09	Pulling	SCAQMD	0	0	0	0
L-10	Splicing	SCAQMD	0	0	0	0
L-11	SWPPP Implementation	SCAQMD	0	0	0	0
L-12	Access Road Improvement	SCAQMD	0	0	0	0
L-13	Staging Yards	SCAQMD	0	0	0	0
L-01	TSP Foundation	MDAQMD	33	23	759	7.7
L-02	TSP Installation	MDAQMD	0	0	0	0
L-03	LWS Installation	MDAQMD	0	6	0	0
L-04	Structure Removal (TSP Foundation Only)	MDAQMD	0	0	0	0
L-05	Reconductor (Clipping/Unclipping)	MDAQMD	0	0	0	0
L-06	Line Sleeves	MDAQMD	0	0	0	0
L-07	Guard Site Installation	MDAQMD	58	3	174	11.6
L-08	Guard Site Removal	MDAQMD	0	0	0	0
L-09	Pulling	MDAQMD	0	0	0	0
L-10	Splicing	MDAQMD	0	0	0	0
L-11	SWPPP Implementation	MDAQMD	0	0	0	0
L-12	Access Road Improvement	MDAQMD	0	0	0	0
L-13	Staging Yards	MDAQMD	0	0	0	0

Table 15: Off-Road Uncontrolled Daily Emissions (pounds/day)

Count	Activity Index	Activity Name	District	Equipment Name	Fuel Type	Quantity	Hours Per Day	CalEEModType	HP	LF	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
1	L-01	TSP Foundation	SCAQMD	LoDrill	Diesel	1	10	Bore/Drill Rigs	221	0.5	0.27593	2.570309	2.570935	0.011831	0.08448	0.077722	1280.438	0.05194	0.010388
2	L-01	TSP Foundation	SCAQMD	Crane	Diesel	1	6	Cranes	231	0.29	0.239426	2.456712	1.361542	0.004316	0.104197	0.095861	467.4875	0.018963	0.003793
3	L-01	TSP Foundation	SCAQMD	Flatbed Truck	Diesel	1	2	Off-Highway Trucks	402	0.38	0.11954	0.731448	0.790854	0.003289	0.025929	0.023855	356.0329	0.014442	0.002888
4	L-01	TSP Foundation	SCAQMD	Concrete Truck	Diesel	3	4	Off-Highway Trucks	96	0.38	0.297869	2.597945	3.74255	0.004723	0.150237	0.138218	511.6144	0.020753	0.004151
5	L-02	TSP Installation	SCAQMD	Flatbed Truck	Diesel	1	2	Off-Highway Trucks	402	0.38	0.11954	0.731448	0.790854	0.003289	0.025929	0.023855	356.0329	0.014442	0.002888
6	L-02	TSP Installation	SCAQMD	Crane	Diesel	1	10	Cranes	231	0.29	0.399043	4.09452	2.269237	0.007194	0.173662	0.159769	779.1459	0.031606	0.006321
7	L-02	TSP Installation	SCAQMD	Bucket or Boom Truck	Diesel	1	10	Cranes	402	0.29	0.516922	5.010955	4.273826	0.012524	0.203283	0.187021	1355.969	0.055004	0.011001
8	L-03	LWS Installation	SCAQMD	Line Truck	Diesel	1	1	Off-Highway Trucks	402	0.38	0.05977	0.365724	0.395427	0.001644	0.012965	0.011928	178.0165	0.007221	0.001444
9	L-03	LWS Installation	SCAQMD	Boom Truck	Diesel	1	6	Cranes	402	0.29	0.310153	3.006573	2.564295	0.007514	0.12197	0.112212	813.5815	0.033002	0.0066
10	L-03	LWS Installation	SCAQMD	Bucket Truck	Diesel	1	10	Cranes	402	0.29	0.516922	5.010955	4.273826	0.012524	0.203283	0.187021	1355.969	0.055004	0.011001
11	L-04	Structure Removal (TSP Foundation Only)	SCAQMD	Crane	Diesel	1	3	Cranes	231	0.29	0.119713	1.228356	0.680771	0.002158	0.052099	0.047931	233.7438	0.009482	0.001896
12	L-04	Structure Removal (TSP Foundation Only)	SCAQMD	Flatbed Truck	Diesel	1	3	Off-Highway Trucks	402	0.38	0.17931	1.097172	1.186281	0.004933	0.038894	0.035783	534.0494	0.021663	0.004333
13	L-04	Structure Removal (TSP Foundation Only)	SCAQMD	Dump Truck	Diesel	1	10	Off-Highway Trucks	402	0.38	0.597699	3.657238	3.954271	0.016444	0.129647	0.119275	1780.165	0.072211	0.014442
14	L-04	Structure Removal (TSP Foundation Only)	SCAQMD	Backhoe with Breaker	Diesel	1	10	Tractors/Loaders/Backhoes	97	0.37	0.155083	1.590072	2.754834	0.003872	0.061224	0.056326	419.2476	0.017007	0.003401
15	L-05	Reconductor (Clipping/Unclicking)	SCAQMD	Bucket Truck	Diesel	1	4	Cranes	402	0.29	0.206769	2.004382	1.70953	0.00501	0.081313	0.074808	542.3877	0.022002	0.0044
16	L-06	Line Sleeves	SCAQMD	Bucket Truck	Diesel	1	1	Cranes	402	0.29	0.051692	0.501096	0.427383	0.001252	0.020328	0.018702	135.5969	0.0055	0.0011
17	L-07	Guard Site Installation	SCAQMD	Line Truck with Auger	Diesel	1	6	Off-Highway Trucks	402	0.38	0.358619	2.194343	2.372562	0.009866	0.077788	0.071565	1068.099	0.043327	0.008665
18	L-07	Guard Site Installation	SCAQMD	Boom Truck	Diesel	1	6	Cranes	402	0.29	0.310153	3.006573	2.564295	0.007514	0.12197	0.112212	813.5815	0.033002	0.0066
19	L-08	Guard Site Removal	SCAQMD	Line Truck with Auger	Diesel	1	3	Off-Highway Trucks	402	0.38	0.17931	1.097172	1.186281	0.004933	0.038894	0.035783	534.0494	0.021663	0.004333
20	L-08	Guard Site Removal	SCAQMD	Boom Truck	Diesel	1	3	Cranes	402	0.29	0.155077	1.503287	1.282148	0.003757	0.060985	0.056106	406.7908	0.016501	0.0033
21	L-09	Pulling	SCAQMD	V-Groove	Diesel	1	10	Other Construction Equipment	172	0.42	0.37908	3.492838	5.011553	0.007743	0.181798	0.167254	838.4894	0.034013	0.006803
22	L-09	Pulling	SCAQMD	Crane	Diesel	1	10	Cranes	231	0.29	0.399043	4.09452	2.269237	0.007194	0.173662	0.159769	779.1459	0.031606	0.006321
23	L-09	Pulling	SCAQMD	Tensioner	Diesel	1	10	Other Construction Equipment	172	0.42	0.37908	3.492838	5.011553	0.007743	0.181798	0.167254	838.4894	0.034013	0.006803
24	L-09	Pulling	SCAQMD	Forklift	Diesel	1	10	Forklifts	89	0.2	0.105734	1.001235	1.412252	0.00191	0.052967	0.04873	206.8491	0.008391	0.001678
25	L-09	Pulling	SCAQMD	Boom Truck	Diesel	2	10	Cranes	402	0.29	1.033844	10.02191	8.547652	0.025048	0.406567	0.374041	2711.938	0.110008	0.022002
26	L-09	Pulling	SCAQMD	Sagging Cat	Diesel	1	10	Crawler Tractors	97	0.43	0.407679	3.563953	3.445442	0.004483	0.256102	0.235614	485.9541	0.019712	0.003942
27	L-09	Pulling	SCAQMD	Flatbed Truck	Diesel	1	10	Off-Highway Trucks	402	0.38	0.597699	3.657238	3.954271	0.016444	0.129647	0.119275	1780.165	0.072211	0.014442
28	L-10	Splicing	SCAQMD	Bucket Truck	Diesel	1	1	Cranes	402	0.29	0.051692	0.501096	0.427383	0.001252	0.020328	0.018702	135.5969	0.0055	0.0011
29	L-11	SWPPP Implementation	SCAQMD	Water Truck	Diesel	2	8	Off-Highway Trucks	402	0.38	0.956319	5.851581	6.326833	0.02631	0.207436	0.190841	2848.263	0.115538	0.023108
30	L-12	Access Road Improvement	SCAQMD	Motor Grader	Diesel	1	8	Graders	148	0.41	0.363348	3.059281	3.659002	0.005247	0.170271	0.156649	568.4897	0.02306	0.004612
31	L-12	Access Road Improvement	SCAQMD	Water Truck	Diesel	1	8	Off-Highway Trucks	402	0.38	0.478159	2.925791	3.163417	0.013155	0.103718	0.09542	1424.132	0.057769	0.011554
32	L-12	Access Road Improvement	SCAQMD	Skid Steer	Diesel	1	8	Skid Steer Loaders	71	0.37	0.064469	0.862652	1.505264	0.002262	0.02609	0.024002	244.8079	0.00993	0.001986
33	L-13	Staging Yards	SCAQMD	Forklift	Diesel	1	4	Forklifts	89	0.2	0.042294	0.400494	0.564901	0.000764	0.021187	0.019492	82.73962	0.003356	0.000671
34	L-13	Staging Yards	SCAQMD	Generator	Diesel	1	8	Generator Sets	45	0.74	0.213933	2.044971	2.207668	0.004315	0.054693	0.050318	333.7756	0.013539	0.002708
35	L-01	TSP Foundation	MDAQMD	LoDrill	Diesel	1	10	Bore/Drill Rigs	221	0.5	0.27593	2.570309	2.570935	0.011831	0.08448	0.077722	1280.438	0.05194	0.010388
36	L-01	TSP Foundation	MDAQMD	Crane	Diesel	1	6	Cranes	231	0.29	0.239426	2.456712	1.361542	0.004316	0.104197	0.095861	467.4875	0.018963	0.003793
37	L-01	TSP Foundation	MDAQMD	Flatbed Truck	Diesel	1	2	Off-Highway Trucks	402	0.38	0.11954	0.731448	0.790854	0.003289	0.025929	0.023855	356.0329	0.014442	0.002888
38	L-01	TSP Foundation	MDAQMD	Concrete Truck	Diesel	3	4	Off-Highway Trucks	96	0.38	0.297869	2.597945	3.74255	0.004723	0.150237	0.138218	511.6144	0.020753	0.004151
39	L-02	TSP Installation	MDAQMD	Flatbed Truck	Diesel	1	2	Off-Highway Trucks	402	0.38	0.11954	0.731448	0.790854	0.003289	0.025929	0.023855	356.0329	0.014442	0.002888
40	L-02	TSP Installation	MDAQMD	Crane	Diesel	1	10	Cranes	231	0.29	0.399043	4.09452	2.269237	0.007194	0.173662	0.159769	779.1459	0.031606	0.006321
41	L-02	TSP Installation	MDAQMD	Bucket or Boom Truck	Diesel	1	10	Cranes	402	0.29	0.516922	5.010955	4.273826	0.012524	0.203283	0.187021	1355.969	0.055004	0.011001
49	L-05	Reconductor (Clipping/Unclicking)	MDAQMD	Bucket Truck	Diesel	1	4	Cranes	402	0.29	0.206769	2.004382	1.70953	0.00501	0.081313	0.074808	542.3877	0.022002	0.0044
50	L-06	Line Sleeves	MDAQMD	Bucket Truck	Diesel	1	1	Cranes	402	0.29	0.051692	0.501096	0.427383	0.001252	0.020328	0.018702	135.5969	0.0055	0.0011
51	L-07	Guard Site Installation	MDAQMD	Line Truck with Auger	Diesel	1	6	Off-Highway Trucks	402	0.38	0.358619	2.194343	2.372562	0.009866	0.077788	0.071565	1068.099	0.043327	0.008665
52	L-07	Guard Site Installation	MDAQMD	Boom Truck	Diesel	1	6	Cranes	402	0.29	0.310153	3.006573	2.564295	0.007514	0.12197	0.112212	813.5815	0.033002	0.0066
53	L-08	Guard Site Removal	MDAQMD	Line Truck with Auger	Diesel	1	3	Off-Highway Trucks	402	0.38	0.17931	1.097172	1.186281	0.004933	0.038894	0.035783	534.0494	0.021663	0.004333
54	L-08	Guard Site Removal	MDAQMD	Boom Truck	Diesel	1	3	Cranes	402	0.29	0.155077	1.503287	1.282148	0.003757	0.060985	0.056106	406.7908	0.016501	0.0033
55	L-09	Pulling	MDAQMD	V-Groove	Diesel	1	10	Other Construction Equipment	172	0.42	0.37908	3.492838	5.011553	0.007743	0.181798	0.167254	838.4894	0.034013	0.006803
56	L-09	Pulling	MDAQMD	Crane	Diesel	1	10	Cranes	231	0.29	0.399043	4.09452	2.269237	0.007194	0.173662	0.159769	779.1459	0.031606	0.006321
57	L-09	Pulling	MDAQMD	Tensioner	Diesel	1	10	Other Construction Equipment	172	0.42	0.37908	3.492838	5.011553	0.007743	0.181798	0.167254	838.4894	0.034013	0.006803
58	L-09	Pulling	MDAQMD	Forklift	Diesel	1	10	Forklifts	89	0.2	0.105734	1.001235	1.412252	0.00191	0.052967	0.04873	206.8491	0.008391	0.001678
59	L-09	Pulling	MDAQMD	Boom Truck	Diesel	2	10	Cranes	402	0.29	1.033844	10.02191	8.547652	0.025048	0.406567	0.374041	2711.938	0.110008	0.022002
60	L-09	Pulling	MDAQMD	Sagging Cat	Diesel	1	10	Crawler Tractors	97	0.43	0.407679	3.563953	3.445442	0.004483	0.256102	0.235614	485.9541	0.019712	0.003942
61	L-09	Pulling	MDAQMD	Flatbed Truck	Diesel	1	10	Off-Highway Trucks	402	0.38	0.597699	3.657238	3.954271	0.016444	0.129647	0.119275	1780.165	0.072211	0.014442
62	L-10	Splicing	MDAQMD	Bucket Truck	Diesel	1	1	Cranes	402	0.29	0.051692	0.501096	0.427383	0.001252	0.020328	0.018702	135.5969	0.0055	0.0011
63	L-11	SWPPP Implementation	MDAQMD	Water Truck	Diesel	2	8	Off-Highway Trucks	402	0.38	0.956319	5.851581	6.326833	0.02631	0.207436	0.190841	2848.263	0.115538	0.023108
64	L-12	Access Road Improvement	MDAQMD	Motor Grader	Diesel	1	8	Graders	148	0.41	0.363348	3.059281	3.659002	0.005247	0.170271	0.156649	568.4897	0.02306	0.004612
65	L-12	Access Road Improvement	MDAQMD	Water Truck	Diesel	1	8	Off-Highway Trucks	402	0.38	0.478159	2.925791	3.163417	0.013155	0.103718	0.09542	1424.132	0.057769	0.011554
66	L-12	Access Road Improvement	MDAQMD	Skid Steer	Diesel	1	8	Skid Steer Loaders	71	0.37	0.064469	0.862652	1.505264	0.002262	0.02609	0.024002	244.8079	0.00993	0.001986
67	L-13	Staging Yards	MDAQMD	Forklift	Diesel	1	4	Forklifts	89	0.2	0.042294	0.400494	0.564901	0.000764	0.021187	0.019492	82.73962	0.003356	0.000671
68																			

Table 16: Off-Road Uncontrolled Emissions (tons)

Count	Activity Index	District	Days Used	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
1	L-01	SCAQMD	96	0.013245	0.123375	0.123405	0.000568	0.004055	0.003731	61.46102	0.002493	0.000499
2	L-01	SCAQMD	96	0.011492	0.117922	0.065354	0.000207	0.005001	0.004601	22.4394	0.00091	0.000182
3	L-01	SCAQMD	96	0.005738	0.035109	0.037961	0.000158	0.001245	0.001145	17.08958	0.000693	0.000139
4	L-01	SCAQMD	96	0.014298	0.124701	0.179642	0.000227	0.007211	0.006634	24.55749	0.000996	0.000199
5	L-02	SCAQMD	96	0.005738	0.035109	0.037961	0.000158	0.001245	0.001145	17.08958	0.000693	0.000139
6	L-02	SCAQMD	96	0.019154	0.196537	0.108923	0.000345	0.008336	0.007669	37.399	0.001517	0.000303
7	L-02	SCAQMD	96	0.024812	0.240526	0.205144	0.000601	0.009758	0.008977	65.08652	0.00264	0.000528
8	L-03	SCAQMD	14	0.000418	0.00256	0.002768	1.15E-05	9.08E-05	8.35E-05	1.246115	5.05E-05	1.01E-05
9	L-03	SCAQMD	14	0.002171	0.021046	0.01795	5.26E-05	0.000854	0.000785	5.695071	0.000231	4.62E-05
10	L-03	SCAQMD	14	0.003618	0.035077	0.029917	8.77E-05	0.001423	0.001309	9.491785	0.000385	7.7E-05
11	L-04	SCAQMD	50	0.002993	0.030709	0.017019	5.4E-05	0.001302	0.001198	5.843594	0.000237	4.74E-05
12	L-04	SCAQMD	50	0.004483	0.027429	0.029657	0.000123	0.000972	0.000895	13.35123	0.000542	0.000108
13	L-04	SCAQMD	50	0.014942	0.091431	0.098857	0.000411	0.003241	0.002982	44.50411	0.001805	0.000361
14	L-04	SCAQMD	50	0.003877	0.039752	0.068871	9.68E-05	0.001531	0.001408	10.48119	0.000425	8.5E-05
15	L-05	SCAQMD	174	0.017989	0.174381	0.148729	0.000436	0.007074	0.006508	47.18773	0.001914	0.000383
16	L-06	SCAQMD	4	0.000103	0.001002	0.000855	2.5E-06	4.07E-05	3.74E-05	0.271194	1.1E-05	2.2E-06
17	L-07	SCAQMD	6	0.001076	0.006583	0.007118	2.96E-05	0.000233	0.000215	3.204296	0.00013	2.6E-05
18	L-07	SCAQMD	6	0.00093	0.00902	0.007693	2.25E-05	0.000366	0.000337	2.440745	9.9E-05	1.98E-05
19	L-08	SCAQMD	3	0.000269	0.001646	0.001779	7.4E-06	5.83E-05	5.37E-05	0.801074	3.25E-05	6.5E-06
20	L-08	SCAQMD	3	0.000233	0.002255	0.001923	5.64E-06	9.15E-05	8.42E-05	0.610186	2.48E-05	4.95E-06
21	L-09	SCAQMD	160	0.030326	0.279427	0.400924	0.000619	0.014544	0.01338	67.07915	0.002721	0.000544
22	L-09	SCAQMD	160	0.031923	0.327562	0.181539	0.000575	0.013893	0.012782	62.33167	0.002528	0.000506
23	L-09	SCAQMD	160	0.030326	0.279427	0.400924	0.000619	0.014544	0.01338	67.07915	0.002721	0.000544
24	L-09	SCAQMD	160	0.008459	0.080099	0.11298	0.000153	0.004237	0.003898	16.54792	0.000671	0.000134
25	L-09	SCAQMD	160	0.082708	0.801753	0.683812	0.002004	0.032525	0.029923	216.9551	0.008801	0.00176
26	L-09	SCAQMD	160	0.032614	0.285116	0.275635	0.000359	0.020488	0.018849	38.87633	0.001577	0.000315
27	L-09	SCAQMD	160	0.047816	0.292579	0.316342	0.001315	0.010372	0.009542	142.4132	0.005777	0.001155
28	L-10	SCAQMD	2	5.17E-05	0.000501	0.000427	1.25E-06	2.03E-05	1.87E-05	0.135597	5.5E-06	1.1E-06
29	L-11	SCAQMD	257	0.122887	0.751928	0.812998	0.003381	0.026655	0.024523	366.0018	0.014847	0.002969
30	L-12	SCAQMD	36	0.00654	0.055067	0.065862	9.44E-05	0.003065	0.00282	10.23282	0.000415	8.3E-05
31	L-12	SCAQMD	36	0.008607	0.052664	0.056941	0.000237	0.001867	0.001718	25.63437	0.00104	0.000208
32	L-12	SCAQMD	36	0.00116	0.015528	0.027095	4.07E-05	0.00047	0.000432	4.406542	0.000179	3.57E-05
33	L-13	SCAQMD	192	0.00406	0.038447	0.05423	7.33E-05	0.002034	0.001871	7.943004	0.000322	6.44E-05
34	L-13	SCAQMD	192	0.020538	0.196317	0.211936	0.000414	0.005251	0.004831	32.04246	0.0013	0.00026
35	L-01	MDAQMD	99	0.013659	0.12723	0.127261	0.000586	0.004182	0.003847	63.38168	0.002571	0.000514

Count	Activity Index	District	Days Used	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
36	L-01	MDAQMD	99	0.011852	0.121607	0.067396	0.000214	0.005158	0.004745	23.14063	0.000939	0.000188
37	L-01	MDAQMD	99	0.005917	0.036207	0.039147	0.000163	0.001284	0.001181	17.62363	0.000715	0.000143
38	L-01	MDAQMD	99	0.014745	0.128598	0.185256	0.000234	0.007437	0.006842	25.32491	0.001027	0.000205
39	L-02	MDAQMD	99	0.005917	0.036207	0.039147	0.000163	0.001284	0.001181	17.62363	0.000715	0.000143
40	L-02	MDAQMD	99	0.019753	0.202679	0.112327	0.000356	0.008596	0.007909	38.56772	0.001564	0.000313
41	L-02	MDAQMD	99	0.025588	0.248042	0.211554	0.00062	0.010063	0.009258	67.12048	0.002723	0.000545
49	L-05	MDAQMD	132	0.013647	0.132289	0.112829	0.000331	0.005367	0.004937	35.79759	0.001452	0.00029
50	L-06	MDAQMD	4	0.000103	0.001002	0.000855	2.5E-06	4.07E-05	3.74E-05	0.271194	1.1E-05	2.2E-06
51	L-07	MDAQMD	15	0.00269	0.016458	0.017794	7.4E-05	0.000583	0.000537	8.010741	0.000325	6.5E-05
52	L-07	MDAQMD	15	0.002326	0.022549	0.019232	5.64E-05	0.000915	0.000842	6.101861	0.000248	4.95E-05
53	L-08	MDAQMD	7	0.000628	0.00384	0.004152	1.73E-05	0.000136	0.000125	1.869173	7.58E-05	1.52E-05
54	L-08	MDAQMD	7	0.000543	0.005262	0.004488	1.31E-05	0.000213	0.000196	1.423768	5.78E-05	1.16E-05
55	L-09	MDAQMD	232	0.043973	0.405169	0.58134	0.000898	0.021089	0.019402	97.26477	0.003945	0.000789
56	L-09	MDAQMD	232	0.046289	0.474964	0.263231	0.000834	0.020145	0.018533	90.38092	0.003666	0.000733
57	L-09	MDAQMD	232	0.043973	0.405169	0.58134	0.000898	0.021089	0.019402	97.26477	0.003945	0.000789
58	L-09	MDAQMD	232	0.012265	0.116143	0.163821	0.000222	0.006144	0.005653	23.99449	0.000973	0.000195
59	L-09	MDAQMD	232	0.119926	1.162542	0.991528	0.002906	0.047162	0.043389	314.5849	0.012761	0.002552
60	L-09	MDAQMD	232	0.047291	0.413419	0.399671	0.00052	0.029708	0.027331	56.37068	0.002287	0.000457
61	L-09	MDAQMD	232	0.069333	0.42424	0.458695	0.001907	0.015039	0.013836	206.4991	0.008377	0.001675
62	L-10	MDAQMD	3	7.75E-05	0.000752	0.000641	1.88E-06	3.05E-05	2.81E-05	0.203395	8.25E-06	1.65E-06
63	L-11	MDAQMD	257	0.122887	0.751928	0.812998	0.003381	0.026655	0.024523	366.0018	0.014847	0.002969
64	L-12	MDAQMD	36	0.00654	0.055067	0.065862	9.44E-05	0.003065	0.00282	10.23282	0.000415	8.3E-05
65	L-12	MDAQMD	36	0.008607	0.052664	0.056941	0.000237	0.001867	0.001718	25.63437	0.00104	0.000208
66	L-12	MDAQMD	36	0.00116	0.015528	0.027095	4.07E-05	0.00047	0.000432	4.406542	0.000179	3.57E-05
67	L-13	MDAQMD	192	0.00406	0.038447	0.05423	7.33E-05	0.002034	0.001871	7.943004	0.000322	6.44E-05
68	L-13	MDAQMD	192	0.020538	0.196317	0.211936	0.000414	0.005251	0.004831	32.04246	0.0013	0.00026

Table 17: Off-Road Controlled Daily Emissions (pounds/day)

Count	Activity Index	Activity Name	District	Equipment Name	Fuel Type	Quantity	Hours Per Day	CalEEModType	HP	LF	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
1	L-01	TSP Foundation	SCAQMD	LoDrill	Diesel	1	10	Bore/Drill Rigs	221	0.5	0.121805	0.633387	6.333873	0.011831	0.024361	0.024361	1280.438	0.05194	0.010388
2	L-01	TSP Foundation	SCAQMD	Crane	Diesel	1	6	Cranes	231	0.29	0.044306	0.230392	2.303925	0.004316	0.008861	0.008861	467.4875	0.018963	0.003793
3	L-01	TSP Foundation	SCAQMD	Flatbed Truck	Diesel	1	2	Off-Highway Trucks	402	0.38	0.033678	0.175124	1.751244	0.003289	0.006736	0.006736	356.0329	0.014442	0.002888
4	L-01	TSP Foundation	SCAQMD	Concrete Truck	Diesel	3	4	Off-Highway Trucks	96	0.38	0.297869	2.597945	3.74255	0.004723	0.150237	0.138218	511.6144	0.020753	0.004151
5	L-02	TSP Installation	SCAQMD	Flatbed Truck	Diesel	1	2	Off-Highway Trucks	402	0.38	0.033678	0.175124	1.751244	0.003289	0.006736	0.006736	356.0329	0.014442	0.002888
6	L-02	TSP Installation	SCAQMD	Crane	Diesel	1	10	Cranes	231	0.29	0.073844	0.383987	3.839875	0.007194	0.014769	0.014769	779.1459	0.031606	0.006321
7	L-02	TSP Installation	SCAQMD	Bucket or Boom Truck	Diesel	1	10	Cranes	402	0.29	0.128507	0.668238	6.682379	0.012524	0.025701	0.025701	1355.969	0.055004	0.011001
8	L-03	LWS Installation	SCAQMD	Line Truck	Diesel	1	1	Off-Highway Trucks	402	0.38	0.016839	0.087562	0.875622	0.001644	0.003368	0.003368	178.0165	0.007221	0.001444
9	L-03	LWS Installation	SCAQMD	Boom Truck	Diesel	1	6	Cranes	402	0.29	0.077104	0.400943	4.009428	0.007514	0.015421	0.015421	813.5815	0.033002	0.0066
10	L-03	LWS Installation	SCAQMD	Bucket Truck	Diesel	1	10	Cranes	402	0.29	0.128507	0.668238	6.682379	0.012524	0.025701	0.025701	1355.969	0.055004	0.011001
11	L-04	Structure Removal (TSP Foundation Only)	SCAQMD	Crane	Diesel	1	3	Cranes	231	0.29	0.022153	0.115196	1.151962	0.002158	0.004431	0.004431	233.7438	0.009482	0.001896
12	L-04	Structure Removal (TSP Foundation Only)	SCAQMD	Flatbed Truck	Diesel	1	3	Off-Highway Trucks	402	0.38	0.050517	0.262687	2.626866	0.004933	0.010103	0.010103	534.0494	0.021663	0.004333
13	L-04	Structure Removal (TSP Foundation Only)	SCAQMD	Dump Truck	Diesel	1	10	Off-Highway Trucks	402	0.38	0.168389	0.875622	8.756221	0.016444	0.033678	0.033678	1780.165	0.072211	0.014442
14	L-04	Structure Removal (TSP Foundation Only)	SCAQMD	Backhoe with Breaker	Diesel	1	10	Tractors/Loaders/Backhoes	97	0.37	0.155083	1.590072	2.754834	0.003872	0.061224	0.056326	419.2476	0.017007	0.003401
15	L-05	Reconductor (Clipping/Unclipping)	SCAQMD	Bucket Truck	Diesel	1	4	Cranes	402	0.29	0.051403	0.267295	2.672952	0.00501	0.010281	0.010281	542.3877	0.022002	0.0044
16	L-06	Line Sleeves	SCAQMD	Bucket Truck	Diesel	1	1	Cranes	402	0.29	0.012851	0.066824	0.668238	0.001252	0.00257	0.00257	135.5969	0.0055	0.0011
17	L-07	Guard Site Installation	SCAQMD	Line Truck with Auger	Diesel	1	6	Off-Highway Trucks	402	0.38	0.101033	0.525373	5.253733	0.009866	0.020207	0.020207	1068.099	0.043327	0.008665
18	L-07	Guard Site Installation	SCAQMD	Boom Truck	Diesel	1	6	Cranes	402	0.29	0.077104	0.400943	4.009428	0.007514	0.015421	0.015421	813.5815	0.033002	0.0066
19	L-08	Guard Site Removal	SCAQMD	Line Truck with Auger	Diesel	1	3	Off-Highway Trucks	402	0.38	0.050517	0.262687	2.626866	0.004933	0.010103	0.010103	534.0494	0.021663	0.004333
20	L-08	Guard Site Removal	SCAQMD	Boom Truck	Diesel	1	3	Cranes	402	0.29	0.038552	0.200471	2.004714	0.003757	0.00771	0.00771	406.7908	0.016501	0.0033
21	L-09	Pulling	SCAQMD	V-Groove	Diesel	1	10	Other Construction Equipment	172	0.42	0.079631	0.414081	5.892685	0.007743	0.015926	0.015926	838.4894	0.034013	0.006803
22	L-09	Pulling	SCAQMD	Crane	Diesel	1	10	Cranes	231	0.29	0.073844	0.383987	3.839875	0.007194	0.014769	0.014769	779.1459	0.031606	0.006321
23	L-09	Pulling	SCAQMD	Tensioner	Diesel	1	10	Other Construction Equipment	172	0.42	0.079631	0.414081	5.892685	0.007743	0.015926	0.015926	838.4894	0.034013	0.006803
24	L-09	Pulling	SCAQMD	Forklift	Diesel	1	10	Forklifts	89	0.2	0.105734	1.001235	1.412252	0.00191	0.052967	0.04873	206.8491	0.008391	0.001678
25	L-09	Pulling	SCAQMD	Boom Truck	Diesel	2	10	Cranes	402	0.29	0.257015	1.336476	13.36476	0.025048	0.051403	0.051403	2711.938	0.110008	0.022002
26	L-09	Pulling	SCAQMD	Sagging Cat	Diesel	1	10	Crawler Tractors	97	0.43	0.407679	3.563953	3.445442	0.004483	0.256102	0.235614	485.9541	0.019712	0.003942
27	L-09	Pulling	SCAQMD	Flatbed Truck	Diesel	1	10	Off-Highway Trucks	402	0.38	0.168389	0.875622	8.756221	0.016444	0.033678	0.033678	1780.165	0.072211	0.014442
28	L-10	Splicing	SCAQMD	Bucket Truck	Diesel	1	1	Cranes	402	0.29	0.012851	0.066824	0.668238	0.001252	0.00257	0.00257	135.5969	0.0055	0.0011
29	L-11	SWPPP Implementation	SCAQMD	Water Truck	Diesel	2	8	Off-Highway Trucks	402	0.38	0.269422	1.400995	14.00995	0.02631	0.053884	0.053884	2848.263	0.115538	0.023108
30	L-12	Access Road Improvement	SCAQMD	Motor Grader	Diesel	1	8	Graders	148	0.41	0.053511	0.278255	3.95978	0.005247	0.010702	0.010702	568.4897	0.02306	0.004612
31	L-12	Access Road Improvement	SCAQMD	Water Truck	Diesel	1	8	Off-Highway Trucks	402	0.38	0.134711	0.700498	7.004977	0.013155	0.026942	0.026942	1424.132	0.057769	0.011554
32	L-12	Access Road Improvement	SCAQMD	Skid Steer	Diesel	1	8	Skid Steer Loaders	71	0.37	0.064469	0.862652	1.505264	0.002262	0.02609	0.024002	244.8079	0.00993	0.001986
33	L-13	Staging Yards	SCAQMD	Forklift	Diesel	1	4	Forklifts	89	0.2	0.042294	0.400494	0.564901	0.000764	0.021187	0.019492	82.73962	0.003356	0.000671
34	L-13	Staging Yards	SCAQMD	Generator	Diesel	1	8	Generator Sets	45	0.74	0.213933	2.044971	2.207668	0.004315	0.054693	0.050318	333.7756	0.013539	0.002708
35	L-01	TSP Foundation	MDAQMD	LoDrill	Diesel	1	10	Bore/Drill Rigs	221	0.5	0.121805	0.633387	6.333873	0.011831	0.024361	0.024361	1280.438	0.05194	0.010388
36	L-01	TSP Foundation	MDAQMD	Crane	Diesel	1	6	Cranes	231	0.29	0.044306	0.230392	2.303925	0.004316	0.008861	0.008861	467.4875	0.018963	0.003793
37	L-01	TSP Foundation	MDAQMD	Flatbed Truck	Diesel	1	2	Off-Highway Trucks	402	0.38	0.033678	0.175124	1.751244	0.003289	0.006736	0.006736	356.0329	0.014442	0.002888
38	L-01	TSP Foundation	MDAQMD	Concrete Truck	Diesel	3	4	Off-Highway Trucks	96	0.38	0.297869	2.597945	3.74255	0.004723	0.150237	0.138218	511.6144	0.020753	0.004151
39	L-02	TSP Installation	MDAQMD	Flatbed Truck	Diesel	1	2	Off-Highway Trucks	402	0.38	0.033678	0.175124	1.751244	0.003289	0.006736	0.006736	356.0329	0.014442	0.002888
40	L-02	TSP Installation	MDAQMD	Crane	Diesel	1	10	Cranes	231	0.29	0.073844	0.383987	3.839875	0.007194	0.014769	0.014769	779.1459	0.031606	0.006321
41	L-02	TSP Installation	MDAQMD	Bucket or Boom Truck	Diesel	1	10	Cranes	402	0.29	0.128507	0.668238	6.682379	0.012524	0.025701	0.025701	1355.969	0.055004	0.011001
49	L-05	Reconductor (Clipping/Unclipping)	MDAQMD	Bucket Truck	Diesel	1	4	Cranes	402	0.29	0.051403	0.267295	2.672952	0.00501	0.010281	0.010281	542.3877	0.022002	0.0044
50	L-06	Line Sleeves	MDAQMD	Bucket Truck	Diesel	1	1	Cranes	402	0.29	0.012851	0.066824	0.668238	0.001252	0.00257	0.00257	135.5969	0.0055	0.0011
51	L-07	Guard Site Installation	MDAQMD	Line Truck with Auger	Diesel	1	6	Off-Highway Trucks	402	0.38	0.101033	0.525373	5.253733	0.009866	0.020207	0.020207	1068.099	0.043327	0.008665
52	L-07	Guard Site Installation	MDAQMD	Boom Truck	Diesel	1	6	Cranes	402	0.29	0.077104	0.400943	4.009428	0.007514	0.015421	0.015421	813.5815	0.033002	0.0066
53	L-08	Guard Site Removal	MDAQMD	Line Truck with Auger	Diesel	1	3	Off-Highway Trucks	402	0.38	0.050517	0.262687	2.626866	0.004933	0.010103	0.010103	534.0494	0.021663	0.004333
54	L-08	Guard Site Removal	MDAQMD	Boom Truck	Diesel	1	3	Cranes	402	0.29	0.038552	0.200471	2.004714	0.003757	0.00771	0.00771	406.7908	0.016501	0.0033
55	L-09	Pulling	MDAQMD	V-Groove	Diesel	1	10	Other Construction Equipment	172	0.42	0.079631	0.414081	5.892685	0.007743	0.015926	0.015926	838.4894	0.034013	0.006803
56	L-09	Pulling	MDAQMD	Crane	Diesel	1	10	Cranes	231	0.29	0.073844	0.383987	3.839875	0.007194	0.014769	0.014769	779.1459	0.031606	0.006321
57	L-09	Pulling	MDAQMD	Tensioner	Diesel	1	10	Other Construction Equipment	172	0.42	0.079631	0.414081	5.892685	0.007743	0.015926	0.015926	838.4894	0.034013	0.006803
58	L-09	Pulling	MDAQMD	Forklift	Diesel	1	10	Forklifts	89	0.2	0.105734	1.001235	1.412252	0.00191	0.052967	0.04873	206.8491	0.008391	0.001678
59	L-09	Pulling	MDAQMD	Boom Truck	Diesel	2	10	Cranes	402	0.29	0.257015	1.336476	13.36476	0.025048	0.051403	0.051403	2711.938	0.110008	0.022002
60	L-09	Pulling	MDAQMD	Sagging Cat	Diesel	1	10	Crawler Tractors	97	0.43	0.407679	3.563953	3.445442	0.004483	0.256102	0.235614	485.9541	0.019712	0.003942
61	L-09	Pulling	MDAQMD	Flatbed Truck	Diesel	1	10	Off-Highway Trucks	402	0.38	0.168389	0.875622	8.756221	0.016444	0.033678	0.033678	1780.165	0.072211	0.014442
62	L-10	Splicing	MDAQMD	Bucket Truck	Diesel	1	1	Cranes	402	0.29	0.012851	0.066824	0.668238	0.001252	0.00257	0.00257	135.5969	0.0055	0.0011
63	L-11	SWPPP Implementation	MDAQMD	Water Truck	Diesel	2	8	Off-Highway Trucks	402	0.38	0.269422	1.400995	14.00995	0.02631	0.053884	0.053884	2848.263	0.115538	0.023108
64	L-12	Access Road Improvement	MDAQMD	Motor Grader	Diesel	1	8	Graders	148	0.41	0.053511	0.278255	3.95978	0.005247	0.010702	0.010702	568.4897	0.02306	0.004612
65	L-12	Access Road Improvement	MDAQMD	Water Truck	Diesel	1	8	Off-Highway Trucks	402	0.38	0.134711	0.700498	7.004977	0.013155	0.026942	0.026942	1424.132	0.057769	0.011554
66	L-12	Access Road Improvement	MDAQMD	Skid Steer	Diesel	1	8	Skid Steer Loaders	71	0.37	0.064469	0.862652	1.505264	0.002262	0.02609	0.024002	244.8079	0.00993	0.001986
67	L-13	Staging Yards	MDAQMD	Forklift	Diesel	1	4	Forklifts	89	0.2	0.042294	0.400494	0.564901	0.000764	0.021187	0.019492	82.73962	0.003356	0.000671

Table 18: Off-Road Controlled Emissions (tons)

Count	Activity Index	District	Days Used	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
1	L-01	SCAQMD	96	0.005847	0.030403	0.304026	0.000568	0.001169	0.001169	61.46102	0.002493	0.000499
2	L-01	SCAQMD	96	0.002127	0.011059	0.110588	0.000207	0.000425	0.000425	22.4394	0.00091	0.000182
3	L-01	SCAQMD	96	0.001617	0.008406	0.08406	0.000158	0.000323	0.000323	17.08958	0.000693	0.000139
4	L-01	SCAQMD	96	0.014298	0.124701	0.179642	0.000227	0.007211	0.006634	24.55749	0.000996	0.000199
5	L-02	SCAQMD	96	0.001617	0.008406	0.08406	0.000158	0.000323	0.000323	17.08958	0.000693	0.000139
6	L-02	SCAQMD	96	0.003544	0.018431	0.184314	0.000345	0.000709	0.000709	37.399	0.001517	0.000303
7	L-02	SCAQMD	96	0.006168	0.032075	0.320754	0.000601	0.001234	0.001234	65.08652	0.00264	0.000528
8	L-03	SCAQMD	14	0.000118	0.000613	0.006129	1.15E-05	2.36E-05	2.36E-05	1.246115	5.05E-05	1.01E-05
9	L-03	SCAQMD	14	0.00054	0.002807	0.028066	5.26E-05	0.000108	0.000108	5.695071	0.000231	4.62E-05
10	L-03	SCAQMD	14	0.0009	0.004678	0.046777	8.77E-05	0.00018	0.00018	9.491785	0.000385	7.7E-05
11	L-04	SCAQMD	50	0.000554	0.00288	0.028799	5.4E-05	0.000111	0.000111	5.843594	0.000237	4.74E-05
12	L-04	SCAQMD	50	0.001263	0.006567	0.065672	0.000123	0.000253	0.000253	13.35123	0.000542	0.000108
13	L-04	SCAQMD	50	0.00421	0.021891	0.218906	0.000411	0.000842	0.000842	44.50411	0.001805	0.000361
14	L-04	SCAQMD	50	0.003877	0.039752	0.068871	9.68E-05	0.001531	0.001408	10.48119	0.000425	8.5E-05
15	L-05	SCAQMD	174	0.004472	0.023255	0.232547	0.000436	0.000894	0.000894	47.18773	0.001914	0.000383
16	L-06	SCAQMD	4	2.57E-05	0.000134	0.001336	2.5E-06	5.14E-06	5.14E-06	0.271194	1.1E-05	2.2E-06
17	L-07	SCAQMD	6	0.000303	0.001576	0.015761	2.96E-05	6.06E-05	6.06E-05	3.204296	0.00013	2.6E-05
18	L-07	SCAQMD	6	0.000231	0.001203	0.012028	2.25E-05	4.63E-05	4.63E-05	2.440745	9.9E-05	1.98E-05
19	L-08	SCAQMD	3	7.58E-05	0.000394	0.00394	7.4E-06	1.52E-05	1.52E-05	0.801074	3.25E-05	6.5E-06
20	L-08	SCAQMD	3	5.78E-05	0.000301	0.003007	5.64E-06	1.16E-05	1.16E-05	0.610186	2.48E-05	4.95E-06
21	L-09	SCAQMD	160	0.00637	0.033126	0.471415	0.000619	0.001274	0.001274	67.07915	0.002721	0.000544
22	L-09	SCAQMD	160	0.005907	0.030719	0.30719	0.000575	0.001181	0.001181	62.33167	0.002528	0.000506
23	L-09	SCAQMD	160	0.00637	0.033126	0.471415	0.000619	0.001274	0.001274	67.07915	0.002721	0.000544
24	L-09	SCAQMD	160	0.008459	0.080099	0.11298	0.000153	0.004237	0.003898	16.54792	0.000671	0.000134
25	L-09	SCAQMD	160	0.020561	0.106918	1.069181	0.002004	0.004112	0.004112	216.9551	0.008801	0.00176
26	L-09	SCAQMD	160	0.032614	0.285116	0.275635	0.000359	0.020488	0.018849	38.87633	0.001577	0.000315
27	L-09	SCAQMD	160	0.013471	0.07005	0.700498	0.001315	0.002694	0.002694	142.4132	0.005777	0.001155
28	L-10	SCAQMD	2	1.29E-05	6.68E-05	0.000668	1.25E-06	2.57E-06	2.57E-06	0.135597	5.5E-06	1.1E-06
29	L-11	SCAQMD	257	0.034621	0.180028	1.800279	0.003381	0.006924	0.006924	366.0018	0.014847	0.002969
30	L-12	SCAQMD	36	0.000963	0.005009	0.071276	9.44E-05	0.000193	0.000193	10.23282	0.000415	8.3E-05
31	L-12	SCAQMD	36	0.002425	0.012609	0.12609	0.000237	0.000485	0.000485	25.63437	0.00104	0.000208
32	L-12	SCAQMD	36	0.00116	0.015528	0.027095	4.07E-05	0.00047	0.000432	4.406542	0.000179	3.57E-05
33	L-13	SCAQMD	192	0.00406	0.038447	0.05423	7.33E-05	0.002034	0.001871	7.943004	0.000322	6.44E-05
34	L-13	SCAQMD	192	0.020538	0.196317	0.211936	0.000414	0.005251	0.004831	32.04246	0.0013	0.00026
35	L-01	MDAQMD	99	0.006029	0.031353	0.313527	0.000586	0.001206	0.001206	63.38168	0.002571	0.000514

Count	Activity Index	District	Days Used	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
36	L-01	MDAQMD	99	0.002193	0.011404	0.114044	0.000214	0.000439	0.000439	23.14063	0.000939	0.000188
37	L-01	MDAQMD	99	0.001667	0.008669	0.086687	0.000163	0.000333	0.000333	17.62363	0.000715	0.000143
38	L-01	MDAQMD	99	0.014745	0.128598	0.185256	0.000234	0.007437	0.006842	25.32491	0.001027	0.000205
39	L-02	MDAQMD	99	0.001667	0.008669	0.086687	0.000163	0.000333	0.000333	17.62363	0.000715	0.000143
40	L-02	MDAQMD	99	0.003655	0.019007	0.190074	0.000356	0.000731	0.000731	38.56772	0.001564	0.000313
41	L-02	MDAQMD	99	0.006361	0.033078	0.330778	0.00062	0.001272	0.001272	67.12048	0.002723	0.000545
49	L-05	MDAQMD	132	0.003393	0.017641	0.176415	0.000331	0.000679	0.000679	35.79759	0.001452	0.00029
50	L-06	MDAQMD	4	2.57E-05	0.000134	0.001336	2.5E-06	5.14E-06	5.14E-06	0.271194	1.1E-05	2.2E-06
51	L-07	MDAQMD	15	0.000758	0.00394	0.039403	7.4E-05	0.000152	0.000152	8.010741	0.000325	6.5E-05
52	L-07	MDAQMD	15	0.000578	0.003007	0.030071	5.64E-05	0.000116	0.000116	6.101861	0.000248	4.95E-05
53	L-08	MDAQMD	7	0.000177	0.000919	0.009194	1.73E-05	3.54E-05	3.54E-05	1.869173	7.58E-05	1.52E-05
54	L-08	MDAQMD	7	0.000135	0.000702	0.007016	1.31E-05	2.7E-05	2.7E-05	1.423768	5.78E-05	1.16E-05
55	L-09	MDAQMD	232	0.009237	0.048033	0.683551	0.000898	0.001847	0.001847	97.26477	0.003945	0.000789
56	L-09	MDAQMD	232	0.008566	0.044543	0.445425	0.000834	0.001713	0.001713	90.38092	0.003666	0.000733
57	L-09	MDAQMD	232	0.009237	0.048033	0.683551	0.000898	0.001847	0.001847	97.26477	0.003945	0.000789
58	L-09	MDAQMD	232	0.012265	0.116143	0.163821	0.000222	0.006144	0.005653	23.99449	0.000973	0.000195
59	L-09	MDAQMD	232	0.029814	0.155031	1.550312	0.002906	0.005963	0.005963	314.5849	0.012761	0.002552
60	L-09	MDAQMD	232	0.047291	0.413419	0.399671	0.00052	0.029708	0.027331	56.37068	0.002287	0.000457
61	L-09	MDAQMD	232	0.019533	0.101572	1.015722	0.001907	0.003907	0.003907	206.4991	0.008377	0.001675
62	L-10	MDAQMD	3	1.93E-05	0.0001	0.001002	1.88E-06	3.86E-06	3.86E-06	0.203395	8.25E-06	1.65E-06
63	L-11	MDAQMD	257	0.034621	0.180028	1.800279	0.003381	0.006924	0.006924	366.0018	0.014847	0.002969
64	L-12	MDAQMD	36	0.000963	0.005009	0.071276	9.44E-05	0.000193	0.000193	10.23282	0.000415	8.3E-05
65	L-12	MDAQMD	36	0.002425	0.012609	0.12609	0.000237	0.000485	0.000485	25.63437	0.00104	0.000208
66	L-12	MDAQMD	36	0.00116	0.015528	0.027095	4.07E-05	0.00047	0.000432	4.406542	0.000179	3.57E-05
67	L-13	MDAQMD	192	0.00406	0.038447	0.05423	7.33E-05	0.002034	0.001871	7.943004	0.000322	6.44E-05
68	L-13	MDAQMD	192	0.020538	0.196317	0.211936	0.000414	0.005251	0.004831	32.04246	0.0013	0.00026

Table 19: On-Road Uncontrolled Daily Emissions (pounds/day)

Count	Activity Index	Activity Name	District	Equipment Name	Fuel Type	Quantity	Trips/Day	Trip Length	VMT	Paved Percent	Paved VMT	Unpaved VMT	On Type	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
1	L-01	TSP Foundation	SCAQMD	Worker Commute	Gasoline	5	1	140	700	100	700	0	passenger	0.07317	0.192454	2.092627	0.004965	0.488938	0.125005	502.1929	0.008922	0.014339
2	L-01	TSP Foundation	SCAQMD	Haul Truck	Diesel	1	1	140	140	97	135.8	4.2	hhdt	0.02575	0.708177	0.336461	0.004866	3.990693	0.428584	513.8279	0.001196	0.080954
3	L-01	TSP Foundation	SCAQMD	Ready Mix Truck	Diesel	3	1	140	420	97	407.4	12.6	hhdt	0.07725	2.113756	1.009383	0.014597	11.97208	1.287551	1541.484	0.003588	0.242861
4	L-01	TSP Foundation	SCAQMD	Pickup Truck	Gasoline	1	1	140	140	97	135.8	4.2	passenger	0.016718	0.039174	0.42756	0.000994	3.952298	0.410039	100.5867	0.001969	0.002937
5	L-02	TSP Installation	SCAQMD	Worker Commute	Gasoline	7	1	140	980	100	980	0	passenger	0.101396	0.269095	2.925161	0.00695	0.684511	0.175005	702.9959	0.012398	0.020204
6	L-02	TSP Installation	SCAQMD	Haul Truck	Diesel	1	1	140	140	97	135.8	4.2	hhdt	0.02575	0.708177	0.336461	0.004866	3.990693	0.428584	513.8279	0.001196	0.080954
8	L-02	TSP Installation	SCAQMD	Pickup Truck	Gasoline	1	1	140	140	97	135.8	4.2	passenger	0.016718	0.039174	0.42756	0.000994	3.952298	0.410039	100.5867	0.001969	0.002937
9	L-03	LWS Installation	SCAQMD	Worker Commute	Gasoline	7	1	140	980	100	980	0	passenger	0.101396	0.269095	2.925161	0.00695	0.684511	0.175005	702.9959	0.012398	0.020204
10	L-03	LWS Installation	SCAQMD	Haul Truck	Diesel	1	1	140	140	97	135.8	4.2	hhdt	0.02575	0.708177	0.336461	0.004866	3.990693	0.428584	513.8279	0.001196	0.080954
12	L-03	LWS Installation	SCAQMD	Pickup Truck	Gasoline	1	1	140	140	97	135.8	4.2	passenger	0.016718	0.039174	0.42756	0.000994	3.952298	0.410039	100.5867	0.001969	0.002937
13	L-04	Structure Removal (TSP Foundation Only)	SCAQMD	Worker Commute	Gasoline	5	1	140	700	100	700	0	passenger	0.07317	0.192454	2.092627	0.004965	0.488938	0.125005	502.1929	0.008922	0.014339
14	L-04	Structure Removal (TSP Foundation Only)	SCAQMD	Haul Truck	Diesel	1	1	140	140	97	135.8	4.2	hhdt	0.02575	0.708177	0.336461	0.004866	3.990693	0.428584	513.8279	0.001196	0.080954
16	L-04	Structure Removal (TSP Foundation Only)	SCAQMD	Pickup Truck	Gasoline	1	1	140	140	97	135.8	4.2	passenger	0.016718	0.039174	0.42756	0.000994	3.952298	0.410039	100.5867	0.001969	0.002937
17	L-05	Reconductor (Clipping/Unclipping)	SCAQMD	Worker Commute	Gasoline	4	1	140	560	100	560	0	passenger	0.059057	0.154134	1.67636	0.003972	0.391152	0.100005	401.7913	0.007183	0.011488
18	L-05	Reconductor (Clipping/Unclipping)	SCAQMD	Haul Truck	Diesel	1	1	140	140	97	135.8	4.2	hhdt	0.02575	0.708177	0.336461	0.004866	3.990693	0.428584	513.8279	0.001196	0.080954
20	L-05	Reconductor (Clipping/Unclipping)	SCAQMD	Pickup Truck	Gasoline	1	1	140	140	97	135.8	4.2	passenger	0.016718	0.039174	0.42756	0.000994	3.952298	0.410039	100.5867	0.001969	0.002937
21	L-06	Line Sleeves	SCAQMD	Worker Commute	Gasoline	5	1	140	700	100	700	0	passenger	0.07317	0.192454	2.092627	0.004965	0.488938	0.125005	502.1929	0.008922	0.014339
22	L-06	Line Sleeves	SCAQMD	Haul Truck	Diesel	1	1	140	140	97	135.8	4.2	hhdt	0.02575	0.708177	0.336461	0.004866	3.990693	0.428584	513.8279	0.001196	0.080954
24	L-06	Line Sleeves	SCAQMD	Pickup Truck	Gasoline	1	1	140	140	97	135.8	4.2	passenger	0.016718	0.039174	0.42756	0.000994	3.952298	0.410039	100.5867	0.001969	0.002937
25	L-07	Guard Site Installation	SCAQMD	Worker Commute	Gasoline	3	1	140	420	100	420	0	passenger	0.049494	0.115814	1.260093	0.00298	0.293365	0.075005	301.3898	0.005445	0.08638
26	L-07	Guard Site Installation	SCAQMD	Haul Truck	Diesel	1	1	140	140	97	135.8	4.2	hhdt	0.02575	0.708177	0.336461	0.004866	3.990693	0.428584	513.8279	0.001196	0.080954
28	L-07	Guard Site Installation	SCAQMD	Pickup Truck	Gasoline	1	1	140	140	97	135.8	4.2	passenger	0.016718	0.039174	0.42756	0.000994	3.952298	0.410039	100.5867	0.001969	0.002937
29	L-08	Guard Site Removal	SCAQMD	Worker Commute	Gasoline	3	1	140	420	100	420	0	passenger	0.049494	0.115814	1.260093	0.00298	0.293365	0.075005	301.3898	0.005445	0.08638
30	L-08	Guard Site Removal	SCAQMD	Haul Truck	Diesel	1	1	140	140	97	135.8	4.2	hhdt	0.02575	0.708177	0.336461	0.004866	3.990693	0.428584	513.8279	0.001196	0.080954
32	L-08	Guard Site Removal	SCAQMD	Pickup Truck	Gasoline	1	1	140	140	97	135.8	4.2	passenger	0.016718	0.039174	0.42756	0.000994	3.952298	0.410039	100.5867	0.001969	0.002937
33	L-09	Pulling	SCAQMD	Worker Commute	Gasoline	10	1	140	1400	100	1400	0	passenger	0.143735	0.384055	4.173961	0.009928	0.97787	0.250005	1004.201	0.017612	0.028591
34	L-09	Pulling	SCAQMD	Haul Truck	Diesel	1	1	140	140	97	135.8	4.2	hhdt	0.02575	0.708177	0.336461	0.004866	3.990693	0.428584	513.8279	0.001196	0.080954
36	L-09	Pulling	SCAQMD	Pickup Truck	Gasoline	1	1	140	140	97	135.8	4.2	passenger	0.016718	0.039174	0.42756	0.000994	3.952298	0.410039	100.5867	0.001969	0.002937
37	L-10	Splicing	SCAQMD	Worker Commute	Gasoline	2	1	140	280	100	280	0	passenger	0.030831	0.077494	0.843826	0.001987	1.95579	0.050006	200.3882	0.003707	0.005788
38	L-10	Splicing	SCAQMD	Haul Truck	Diesel	1	1	140	140	97	135.8	4.2	hhdt	0.02575	0.708177	0.336461	0.004866	3.990693	0.428584	513.8279	0.001196	0.080954
40	L-10	Splicing	SCAQMD	Pickup Truck	Gasoline	1	1	140	140	97	135.8	4.2	passenger	0.016718	0.039174	0.42756	0.000994	3.952298	0.410039	100.5867	0.001969	0.002937
44	L-11	SWPPP Implementation	SCAQMD	Pickup Truck	Gasoline	2	1	140	280	97	271.6	8.4	passenger	0.030831	0.077494	0.843826	0.001987	1.954859	0.050007	200.3882	0.003707	0.005788
45	L-12	Access Road Improvement	SCAQMD	Pickup Truck	Gasoline	1	1	140	140	97	135.8	4.2	passenger	0.016718	0.039174	0.42756	0.000994	3.952298	0.410039	100.5867	0.001969	0.002937
46	L-13	Staging Yards	SCAQMD	Pickup Truck	Gasoline	1	1	140	140	97	135.8	4.2	passenger	0.016718	0.039174	0.42756	0.000994	3.952298	0.410039	100.5867	0.001969	0.002937
47	L-13	Staging Yards	SCAQMD	Worker Commute	Gasoline	1	1	140	140	100	140	0	passenger	0.016718	0.039174	0.42756	0.000994	0.977793	0.025006	100.5867	0.001969	0.002937
48	L-01	TSP Foundation	SCAQMD Pass-through	Worker Commute	Gasoline	5	1	110	550	100	550	0	passenger	0.065097	0.151397	1.646627	0.003901	0.384167	0.09822	394.6198	0.007059	0.011285
49	L-01	TSP Foundation	SCAQMD Pass-through	Haul Truck	Diesel	1	1	110	110	100	110	0	hhdt	0.024929	0.611832	0.333608	0.003923	0.107026	0.034238	414.3046	0.001158	0.065274
50	L-01	TSP Foundation	SCAQMD Pass-through	Ready Mix Truck	Diesel	3	1	110	330	100	330	0	hhdt	0.074786	1.824722	1.000823	0.01177	0.321077	102.714	1242.914	0.03474	0.195822
51	L-01	TSP Foundation	SCAQMD Pass-through	Pickup Truck	Gasoline	1	1	110	110	100	110	0	passenger	0.015103	0.030962	0.338359	0.000782	0.076838	0.019649	79.07205	0.001597	0.002326
52	L-02	TSP Installation	SCAQMD Pass-through	Worker Commute	Gasoline	7	1	110	770	100	770	0	passenger	0.090093	0.211615	2.30076	0.005461	0.537831	0.137505	552.3956	0.009791	0.015764
53	L-02	TSP Installation	SCAQMD Pass-through	Haul Truck	Diesel	1	1	110	110	100	110	0	hhdt	0.024929	0.611832	0.333608	0.003923	0.107026	0.034238	414.3046	0.001158	0.065274
55	L-02	TSP Installation	SCAQMD Pass-through	Pickup Truck	Gasoline	1	1	110	110	100	110	0	passenger	0.015103	0.030962	0.338359	0.000782	0.076838	0.019649	79.07205	0.001597	0.002326
60	L-04	Structure Removal (TSP Foundation Only)	SCAQMD Pass-through	Worker Commute	Gasoline	0	0	110	0	100	0	0	passenger	0	0	0	0	0	0	0	0	0
61	L-04	Structure Removal (TSP Foundation Only)	SCAQMD Pass-through	Haul Truck	Diesel	0	0	110	0	100	0	0	hhdt	0	0	0	0	0	0	0	0	0
63	L-04	Structure Removal (TSP Foundation Only)	SCAQMD Pass-through	Pickup Truck	Gasoline	0	0	110	0	100	0	0	passenger	0	0	0	0	0	0	0	0	0
64	L-05	Reconductor (Clipping/Unclipping)	SCAQMD Pass-through	Worker Commute	Gasoline	4	1	110	440	100	440	0	passenger	0.052598	0.121289	1.31956	0.003121	0.307335	0.078577	315.7328	0.005694	0.090045
65	L-05	Reconductor (Clipping/Unclipping)	SCAQMD Pass-through	Haul Truck	Diesel	1	1	110	110	100	110	0	hhdt	0.024929	0.611832	0.333608	0.003923	0.107026	0.034238	414.3046	0.001158	0.065274
67	L-05	Reconductor (Clipping/Unclipping)	SCAQMD Pass-through	Pickup Truck	Gasoline	1	1	110	110	100	110	0	passenger	0.015103	0.030962	0.338359	0.000782	0.076838	0.019649	79.07205	0.001597	0.002326
68	L-06	Line Sleeves	SCAQMD Pass-through	Worker Commute	Gasoline	5	1	110	550	100	550	0	passenger	0.065097	0.151397	1.646627	0.003901	0.384167	0.09822	394.6198	0.007059	0.011285
69	L-06	Line Sleeves	SCAQMD Pass-through	Haul Truck	Diesel	1	1	110	110	100	110	0	hhdt	0.024929	0.611832	0.333608	0.003923	0.107026	0.034238	414.3046	0.001158	0.065274
71	L-06	Line Sleeves	SCAQMD Pass-through	Pickup Truck	Gasoline	1	1	110	110	100	110	0	passenger	0.015103	0.030962	0.338359	0.000782	0.076838	0.019649	79.07205	0.001597	0.002326
72	L-07	Guard Site Installation	SCAQMD Pass-through	Worker Commute	Gasoline	3	1	110	330	100	330	0	passenger	0.0401	0.09118	0.992493	0.002341	0.230503	0.058934	236.8459	0.004328	0.060806
73	L-07	Guard Site Installation	SCAQMD Pass-through	Haul Truck	Diesel	1	1	110	110	100	110	0	hhdt	0.024929	0.611832	0.333608	0.003923	0.107026	0.034238	414.3046	0.001158	0.065274
75	L-07	Guard Site Installation	SCAQMD Pass-through	Pickup Truck	Gasoline	1	1	110	110	100	110	0	passenger	0.015103	0.030962	0.338359	0.000782	0.076838	0.019649	79.07205	0.001597	0.002326
76	L-08	Guard Site Removal	SCAQMD Pass-through	Worker Commute	Gasoline	3	1	110	330	100	330	0	passenger	0.0401	0.0							

Count	Activity Index	Activity Name	District	Equipment Name	Fuel Type	Quantity	Trips/Day	Trip Length	VMT	Paved Percent	Paved VMT	Unpaved VMT	On Type	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
80	L-09	Pulling	MDAQMD	Worker Commute	Gasoline	10	1	30	300	100	300	0	passenger	0.08453	0.082968	0.903293	0.002129	0.209548	0.053577	215.3313	0.003956	0.006195
81	L-09	Pulling	MDAQMD	Haul Truck	Diesel	1	1	30	30	90	27	3	hhd	0.022738	0.354913	0.325999	0.00141	2.782477	0.284429	148.9091	0.001056	0.023461
83	L-09	Pulling	MDAQMD	Pickup Truck	Gasoline	1	1	30	30	90	27	3	passenger	0.010797	0.009065	0.100493	0.000215	2.774178	0.280387	21.69974	0.000604	0.000697
84	L-10	Splicing	MDAQMD	Worker Commute	Gasoline	2	1	30	60	100	60	0	passenger	0.01899	0.017277	0.189693	0.000427	0.041915	0.01072	43.21436	0.000976	0.001308
85	L-10	Splicing	MDAQMD	Haul Truck	Diesel	1	1	30	30	90	27	3	hhd	0.022738	0.354913	0.325999	0.00141	2.782477	0.284429	148.9091	0.001056	0.023461
87	L-10	Splicing	MDAQMD	Pickup Truck	Gasoline	1	1	30	30	90	27	3	passenger	0.010797	0.009065	0.100493	0.000215	2.774178	0.280387	21.69974	0.000604	0.000697
91	L-11	SWPPP Implementation	MDAQMD	Pickup Truck	Gasoline	2	1	30	60	90	54	6	passenger	0.01899	0.017277	0.189693	0.000427	5.54835	0.560767	43.21436	0.000976	0.001308
92	L-12	Access Road Improvement	MDAQMD	Pickup Truck	Gasoline	1	1	30	30	90	27	3	passenger	0.010797	0.009065	0.100493	0.000215	2.774178	0.280387	21.69974	0.000604	0.000697
93	L-13	Staging Yards	MDAQMD	Pickup Truck	Gasoline	1	1	30	30	90	27	3	passenger	0.010797	0.009065	0.100493	0.000215	2.774178	0.280387	21.69974	0.000604	0.000697
94	L-13	Staging Yards	MDAQMD	Worker Commute	Gasoline	1	1	30	30	100	30	0	passenger	0.010797	0.009065	0.100493	0.000215	0.02096	0.005363	21.69974	0.000604	0.000697

Table 20: On-Road Uncontrolled Emissions (tons)

Count	Activity Index	District	Days Used	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
1	L-01	SCAQMD	96	0.003512	0.009238	0.100446	0.000238	0.023469	0.006	24.10526	0.000428	0.000688
2	L-01	SCAQMD	32	0.000412	0.011331	0.005383	7.79E-05	0.063851	0.006857	8.221246	1.91E-05	0.001295
3	L-01	SCAQMD	32	0.001236	0.03382	0.01615	0.000234	0.191553	0.020572	24.66374	5.74E-05	0.003886
4	L-01	SCAQMD	96	0.000802	0.00188	0.020523	4.77E-05	0.18971	0.019682	4.82816	9.45E-05	0.000141
5	L-02	SCAQMD	96	0.004867	0.012917	0.140408	0.000334	0.032857	0.0084	33.74381	0.000595	0.000962
6	L-02	SCAQMD	32	0.000412	0.011331	0.005383	7.79E-05	0.063851	0.006857	8.221246	1.91E-05	0.001295
8	L-02	SCAQMD	96	0.000802	0.00188	0.020523	4.77E-05	0.18971	0.019682	4.82816	9.45E-05	0.000141
9	L-03	SCAQMD	14	0.00071	0.001884	0.020476	4.86E-05	0.004792	0.001225	4.920972	8.68E-05	0.00014
10	L-03	SCAQMD	14	0.00018	0.004957	0.002355	3.41E-05	0.027935	0.003	3.596795	8.37E-06	0.000567
12	L-03	SCAQMD	14	0.000117	0.000274	0.002993	6.96E-06	0.027666	0.00287	0.704107	1.38E-05	2.06E-05
13	L-04	SCAQMD	14	0.000512	0.001347	0.014648	3.48E-05	0.003423	0.000875	3.51535	6.25E-05	0.0001
14	L-04	SCAQMD	14	0.00018	0.004957	0.002355	3.41E-05	0.027935	0.003	3.596795	8.37E-06	0.000567
16	L-04	SCAQMD	14	0.000117	0.000274	0.002993	6.96E-06	0.027666	0.00287	0.704107	1.38E-05	2.06E-05
17	L-05	SCAQMD	174	0.005138	0.01341	0.145843	0.000346	0.03403	0.0087	34.95584	0.000625	0.000999
18	L-05	SCAQMD	174	0.00224	0.061611	0.029272	0.000423	0.34719	0.037287	44.70303	0.000104	0.007043
20	L-05	SCAQMD	174	0.001454	0.003408	0.037198	8.65E-05	0.34385	0.035673	8.75104	0.000171	0.000256
21	L-06	SCAQMD	4	0.000146	0.000385	0.004185	9.93E-06	0.000978	0.00025	1.004386	1.78E-05	2.87E-05
22	L-06	SCAQMD	4	5.15E-05	0.001416	0.000673	9.73E-06	0.007981	0.000857	1.027656	2.39E-06	0.000162
24	L-06	SCAQMD	4	3.34E-05	7.83E-05	0.000855	1.99E-06	0.007905	0.00082	0.201173	3.94E-06	5.87E-06
25	L-07	SCAQMD	6	0.000135	0.000347	0.00378	8.94E-06	0.00088	0.000225	0.904169	1.63E-05	2.59E-05
26	L-07	SCAQMD	6	7.73E-05	0.002125	0.001009	1.46E-05	0.011972	0.001286	1.541484	3.59E-06	0.000243
28	L-07	SCAQMD	6	5.02E-05	0.000118	0.001283	2.98E-06	0.011857	0.00123	0.30176	5.91E-06	8.81E-06
29	L-08	SCAQMD	3	6.74E-05	0.000174	0.00189	4.47E-06	0.00044	0.000113	0.452085	8.17E-06	1.3E-05
30	L-08	SCAQMD	3	3.86E-05	0.001062	0.000505	7.3E-06	0.005986	0.000643	0.770742	1.79E-06	0.000121
32	L-08	SCAQMD	3	2.51E-05	5.88E-05	0.000641	1.49E-06	0.005928	0.000615	0.15088	2.95E-06	4.41E-06
33	L-09	SCAQMD	160	0.011499	0.030724	0.333917	0.000794	0.07823	0.02	80.33605	0.001409	0.002287
34	L-09	SCAQMD	160	0.00206	0.056654	0.026917	0.000389	0.319255	0.034287	41.10623	9.57E-05	0.006476
36	L-09	SCAQMD	160	0.001337	0.003134	0.034205	7.96E-05	0.316184	0.032803	8.046934	0.000158	0.000235
37	L-10	SCAQMD	2	3.08E-05	7.75E-05	0.000844	1.99E-06	0.000196	5E-05	0.200988	3.71E-06	5.79E-06
38	L-10	SCAQMD	2	2.58E-05	0.000708	0.000336	4.87E-06	0.003991	0.000429	0.513828	1.2E-06	8.1E-05
40	L-10	SCAQMD	2	1.67E-05	3.92E-05	0.000428	9.94E-07	0.003952	0.00041	0.100587	1.97E-06	2.94E-06
44	L-11	SCAQMD	257	0.003962	0.009958	0.108432	0.000255	1.01574	0.105379	25.82699	0.000476	0.000744
45	L-12	SCAQMD	36	0.000301	0.000705	0.007696	1.79E-05	0.071141	0.007381	1.81056	3.54E-05	5.29E-05
46	L-13	SCAQMD	192	0.001605	0.003761	0.041046	9.55E-05	0.379421	0.039364	9.65632	0.000189	0.000282
47	L-13	SCAQMD	192	0.001605	0.003761	0.041046	9.55E-05	0.009388	0.002401	9.65632	0.000189	0.000282
48	L-01	SCAQMD Pass-through	99	0.003222	0.007494	0.081508	0.000193	0.019016	0.004862	19.53368	0.000349	0.000559
49	L-01	SCAQMD Pass-through	33	0.000411	0.010095	0.005505	6.47E-05	0.001766	0.000565	6.836026	1.91E-05	0.001077
50	L-01	SCAQMD Pass-through	33	0.001234	0.030108	0.016514	0.000194	0.005298	0.001695	20.50808	5.73E-05	0.003231

Count	Activity Index	District	Days Used	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
51	L-01	SCAQMD Pass-through	99	0.000748	0.001533	0.016749	3.87E-05	0.003803	0.000973	3.914067	7.9E-05	0.000115
52	L-02	SCAQMD Pass-through	99	0.00446	0.010475	0.113888	0.00027	0.026623	0.006807	27.34348	0.000485	0.00078
53	L-02	SCAQMD Pass-through	33	0.000411	0.010095	0.005505	6.47E-05	0.001766	0.000565	6.836026	1.91E-05	0.001077
55	L-02	SCAQMD Pass-through	99	0.000748	0.001533	0.016749	3.87E-05	0.003803	0.000973	3.914067	7.9E-05	0.000115
60	L-04	SCAQMD Pass-through	0	0	0	0	0	0	0	0	0	0
61	L-04	SCAQMD Pass-through	0	0	0	0	0	0	0	0	0	0
63	L-04	SCAQMD Pass-through	0	0	0	0	0	0	0	0	0	0
64	L-05	SCAQMD Pass-through	132	0.003471	0.008005	0.087091	0.000206	0.020284	0.005186	20.83837	0.000376	0.000597
65	L-05	SCAQMD Pass-through	132	0.001645	0.040381	0.022018	0.000259	0.007064	0.00226	27.3441	7.64E-05	0.004308
67	L-05	SCAQMD Pass-through	132	0.000997	0.002044	0.022332	5.16E-05	0.005071	0.001297	5.218756	0.000105	0.000154
68	L-06	SCAQMD Pass-through	4	0.00013	0.000303	0.003293	7.8E-06	0.000768	0.000196	0.78924	1.41E-05	2.26E-05
69	L-06	SCAQMD Pass-through	4	4.99E-05	0.001224	0.000667	7.85E-06	0.000214	6.85E-05	0.828609	2.32E-06	0.000131
71	L-06	SCAQMD Pass-through	4	3.02E-05	6.19E-05	0.000677	1.56E-06	0.000154	3.93E-05	0.158144	3.19E-06	4.65E-06
72	L-07	SCAQMD Pass-through	15	0.000301	0.000684	0.007444	1.76E-05	0.001729	0.000442	1.776344	3.25E-05	5.1E-05
73	L-07	SCAQMD Pass-through	15	0.000187	0.004589	0.002502	2.94E-05	0.000803	0.000257	3.107284	8.68E-06	0.00049
75	L-07	SCAQMD Pass-through	15	0.000113	0.000232	0.002538	5.86E-06	0.000576	0.000147	0.59304	1.2E-05	1.74E-05
76	L-08	SCAQMD Pass-through	7	0.00014	0.000319	0.003474	8.2E-06	0.000807	0.000206	0.828961	1.51E-05	2.38E-05
77	L-08	SCAQMD Pass-through	7	8.73E-05	0.002141	0.001168	1.37E-05	0.000375	0.00012	1.450066	4.05E-06	0.000228
79	L-08	SCAQMD Pass-through	7	5.29E-05	0.000108	0.001184	2.74E-06	0.000269	6.88E-05	0.276752	5.59E-06	8.14E-06
80	L-09	SCAQMD Pass-through	232	0.0148	0.035025	0.380707	0.000905	0.089126	0.022786	91.53031	0.001611	0.002608
81	L-09	SCAQMD Pass-through	232	0.002892	0.070973	0.038699	0.000455	0.012415	0.003972	48.05933	0.000134	0.007572
83	L-09	SCAQMD Pass-through	232	0.001752	0.003592	0.03925	9.07E-05	0.008913	0.002279	9.172358	0.000185	0.00027
84	L-10	SCAQMD Pass-through	3	4.14E-05	9.16E-05	0.000998	2.34E-06	0.000231	5.89E-05	0.236938	4.44E-06	6.85E-06
85	L-10	SCAQMD Pass-through	3	3.74E-05	0.000918	0.0005	5.88E-06	0.000161	5.14E-05	0.621457	1.74E-06	9.79E-05
87	L-10	SCAQMD Pass-through	3	2.27E-05	4.64E-05	0.000508	1.17E-06	0.000115	2.95E-05	0.118608	2.4E-06	3.49E-06
91	L-11	SCAQMD Pass-through	257	0.003547	0.007848	0.085507	0.000201	0.019747	0.005049	20.29773	0.000381	0.000587
92	L-12	SCAQMD Pass-through	36	0.000272	0.000557	0.00609	1.41E-05	0.001383	0.000354	1.423297	2.87E-05	4.19E-05
93	L-13	SCAQMD Pass-through	192	0.00145	0.002972	0.032483	7.5E-05	0.007376	0.001886	7.590917	0.000153	0.000223
94	L-13	SCAQMD Pass-through	192	0.00145	0.002972	0.032483	7.5E-05	0.007376	0.001886	7.590917	0.000153	0.000223
48	L-01	MDAQMD	99	0.002157	0.002075	0.022636	5.27E-05	0.005186	0.001326	5.334031	0.000104	0.000155
49	L-01	MDAQMD	33	0.000375	0.005856	0.005379	2.33E-05	0.045911	0.004693	2.457	1.74E-05	0.000387
50	L-01	MDAQMD	33	0.001126	0.01739	0.016137	6.98E-05	0.137733	0.014079	7.371001	5.23E-05	0.001161
51	L-01	MDAQMD	99	0.000534	0.000449	0.004974	1.06E-05	0.137322	0.013879	1.074137	2.99E-05	3.45E-05
52	L-02	MDAQMD	99	0.002968	0.002888	0.031467	7.38E-05	0.007261	0.001857	7.463978	0.00014	0.000216
53	L-02	MDAQMD	33	0.000375	0.005856	0.005379	2.33E-05	0.045911	0.004693	2.457	1.74E-05	0.000387
55	L-02	MDAQMD	99	0.000534	0.000449	0.004974	1.06E-05	0.137322	0.013879	1.074137	2.99E-05	3.45E-05
60	L-04	MDAQMD	0	0	0	0	0	0	0	0	0	0
61	L-04	MDAQMD	0	0	0	0	0	0	0	0	0	0
63	L-04	MDAQMD	0	0	0	0	0	0	0	0	0	0

Count	Activity Index	District	Days Used	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
64	L-05	MDAQMD	132	0.002335	0.002224	0.024294	5.63E-05	0.005532	0.001415	5.692077	0.000114	0.000167
65	L-05	MDAQMD	132	0.001501	0.023424	0.021516	9.31E-05	0.183643	0.018772	9.828001	6.97E-05	0.001548
67	L-05	MDAQMD	132	0.000713	0.000598	0.006633	1.42E-05	0.183096	0.018506	1.432183	3.98E-05	4.6E-05
68	L-06	MDAQMD	4	8.71E-05	8.38E-05	0.000915	2.13E-06	0.00021	5.36E-05	0.215516	4.19E-06	6.28E-06
69	L-06	MDAQMD	4	4.55E-05	0.00071	0.000652	2.82E-06	0.005565	0.000569	0.297818	2.11E-06	4.69E-05
71	L-06	MDAQMD	4	2.16E-05	1.81E-05	0.000201	4.29E-07	0.005548	0.000561	0.043399	1.21E-06	1.39E-06
72	L-07	MDAQMD	15	0.000204	0.000191	0.002092	4.8E-06	0.000472	0.000121	0.485467	1.01E-05	1.44E-05
73	L-07	MDAQMD	15	0.000171	0.002662	0.002445	1.06E-05	0.004349	0.000483	1.116818	7.92E-06	0.000176
75	L-07	MDAQMD	15	8.1E-05	6.8E-05	0.000754	1.61E-06	0.004287	0.000453	0.162748	4.53E-06	5.23E-06
76	L-08	MDAQMD	7	9.51E-05	8.92E-05	0.000976	2.24E-06	0.00022	5.63E-05	0.226551	4.72E-06	6.72E-06
77	L-08	MDAQMD	7	7.96E-05	0.001242	0.001141	4.94E-06	0.00203	0.000225	0.521182	3.7E-06	8.21E-05
79	L-08	MDAQMD	7	3.78E-05	3.17E-05	0.000352	7.51E-07	0.002001	0.000211	0.075949	2.11E-06	2.44E-06
80	L-09	MDAQMD	232	0.009805	0.009624	0.104782	0.000247	0.024308	0.006215	24.97843	0.000459	0.000719
81	L-09	MDAQMD	232	0.002638	0.04117	0.037816	0.000164	0.322767	0.032994	17.27346	0.000123	0.002721
83	L-09	MDAQMD	232	0.001253	0.001052	0.011657	2.49E-05	0.321805	0.032525	2.51717	7E-05	8.09E-05
84	L-10	MDAQMD	3	2.85E-05	2.59E-05	0.000285	6.41E-07	6.29E-05	1.61E-05	0.064822	1.46E-06	1.96E-06
85	L-10	MDAQMD	3	3.41E-05	0.000532	0.000489	2.12E-06	0.004174	0.000427	0.223364	1.58E-06	3.52E-05
87	L-10	MDAQMD	3	1.62E-05	1.36E-05	0.000151	3.22E-07	0.004161	0.000421	0.03255	9.05E-07	1.05E-06
91	L-11	MDAQMD	257	0.00244	0.00222	0.024376	5.49E-05	0.712963	0.072059	5.553045	0.000125	0.000168
92	L-12	MDAQMD	36	0.000194	0.000163	0.001809	3.86E-06	0.049935	0.005047	0.390595	1.09E-05	1.26E-05
93	L-13	MDAQMD	192	0.001037	0.00087	0.009647	2.06E-05	0.266321	0.026917	2.083175	5.79E-05	6.7E-05
94	L-13	MDAQMD	192	0.001037	0.00087	0.009647	2.06E-05	0.002012	0.000515	2.083175	5.79E-05	6.7E-05

Table 21: On-Road Controlled Daily Emissions (pounds/day)

Count	Activity Index	Activity Name	District	Equipment Name	Fuel Type	Quantity	Trips/Day	Trip Length	VMT	Paved Percent	Paved VMT	Unpaved VMT	On Type	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
1	L-01	TSP Foundation	SCAQMD	Worker Commute	Gasoline	5	1	140	700	100	700	0	passenger	0.07317	0.192454	2.092627	0.004965	0.488938	0.125005	502.1929	0.008922	0.014339
2	L-01	TSP Foundation	SCAQMD	Haul Truck	Diesel	1	1	140	140	97	135.8	4.2	hhdt	0.02575	0.708177	0.336461	0.004866	1.869185	0.216433	513.8279	0.001196	0.080954
3	L-01	TSP Foundation	SCAQMD	Ready Mix Truck	Diesel	3	1	140	420	97	407.4	12.6	hhdt	0.07725	2.113756	1.009383	0.014597	5.607555	0.649298	1541.484	0.003588	0.242861
4	L-01	TSP Foundation	SCAQMD	Pickup Truck	Gasoline	1	1	140	140	97	135.8	4.2	passenger	0.016178	0.039174	0.42756	0.000994	1.83079	0.197888	100.5867	0.001969	0.002937
5	L-02	TSP Installation	SCAQMD	Worker Commute	Gasoline	7	1	140	980	100	980	0	passenger	0.101396	0.260905	2.925161	0.00695	0.684511	0.175005	702.9959	0.012398	0.02004
6	L-02	TSP Installation	SCAQMD	Haul Truck	Diesel	1	1	140	140	97	135.8	4.2	hhdt	0.02575	0.708177	0.336461	0.004866	1.869185	0.216433	513.8279	0.001196	0.080954
8	L-02	TSP Installation	SCAQMD	Pickup Truck	Gasoline	1	1	140	140	97	135.8	4.2	passenger	0.016178	0.039174	0.42756	0.000994	1.83079	0.197888	100.5867	0.001969	0.002937
9	L-03	LWS Installation	SCAQMD	Worker Commute	Gasoline	7	1	140	980	100	980	0	passenger	0.101396	0.260905	2.925161	0.00695	0.684511	0.175005	702.9959	0.012398	0.02004
10	L-03	LWS Installation	SCAQMD	Haul Truck	Diesel	1	1	140	140	97	135.8	4.2	hhdt	0.02575	0.708177	0.336461	0.004866	1.869185	0.216433	513.8279	0.001196	0.080954
12	L-03	LWS Installation	SCAQMD	Pickup Truck	Gasoline	1	1	140	140	97	135.8	4.2	passenger	0.016178	0.039174	0.42756	0.000994	1.83079	0.197888	100.5867	0.001969	0.002937
13	L-04	Structure Removal (TSP Foundation Only)	SCAQMD	Worker Commute	Gasoline	5	1	140	700	100	700	0	passenger	0.07317	0.192454	2.092627	0.004965	0.488938	0.125005	502.1929	0.008922	0.014339
14	L-04	Structure Removal (TSP Foundation Only)	SCAQMD	Haul Truck	Diesel	1	1	140	140	97	135.8	4.2	hhdt	0.02575	0.708177	0.336461	0.004866	1.869185	0.216433	513.8279	0.001196	0.080954
16	L-04	Structure Removal (TSP Foundation Only)	SCAQMD	Pickup Truck	Gasoline	1	1	140	140	97	135.8	4.2	passenger	0.016178	0.039174	0.42756	0.000994	1.83079	0.197888	100.5867	0.001969	0.002937
17	L-05	Reconductor (Clipping/Unclicking)	SCAQMD	Worker Commute	Gasoline	4	1	140	560	100	560	0	passenger	0.059057	0.154134	1.67636	0.003972	0.391152	0.100005	401.7913	0.007183	0.011488
18	L-05	Reconductor (Clipping/Unclicking)	SCAQMD	Haul Truck	Diesel	1	1	140	140	97	135.8	4.2	hhdt	0.02575	0.708177	0.336461	0.004866	1.869185	0.216433	513.8279	0.001196	0.080954
20	L-05	Reconductor (Clipping/Unclicking)	SCAQMD	Pickup Truck	Gasoline	1	1	140	140	97	135.8	4.2	passenger	0.016178	0.039174	0.42756	0.000994	1.83079	0.197888	100.5867	0.001969	0.002937
21	L-06	Line Sleeves	SCAQMD	Worker Commute	Gasoline	5	1	140	700	100	700	0	passenger	0.07317	0.192454	2.092627	0.004965	0.488938	0.125005	502.1929	0.008922	0.014339
22	L-06	Line Sleeves	SCAQMD	Haul Truck	Diesel	1	1	140	140	97	135.8	4.2	hhdt	0.02575	0.708177	0.336461	0.004866	1.869185	0.216433	513.8279	0.001196	0.080954
24	L-06	Line Sleeves	SCAQMD	Pickup Truck	Gasoline	1	1	140	140	97	135.8	4.2	passenger	0.016178	0.039174	0.42756	0.000994	1.83079	0.197888	100.5867	0.001969	0.002937
25	L-07	Guard Site Installation	SCAQMD	Worker Commute	Gasoline	3	1	140	420	100	420	0	passenger	0.044944	0.115814	1.260093	0.00298	0.293365	0.075005	301.3898	0.005445	0.008638
26	L-07	Guard Site Installation	SCAQMD	Haul Truck	Diesel	1	1	140	140	97	135.8	4.2	hhdt	0.02575	0.708177	0.336461	0.004866	1.869185	0.216433	513.8279	0.001196	0.080954
28	L-07	Guard Site Installation	SCAQMD	Pickup Truck	Gasoline	1	1	140	140	97	135.8	4.2	passenger	0.016178	0.039174	0.42756	0.000994	1.83079	0.197888	100.5867	0.001969	0.002937
29	L-08	Guard Site Removal	SCAQMD	Worker Commute	Gasoline	3	1	140	420	100	420	0	passenger	0.044944	0.115814	1.260093	0.00298	0.293365	0.075005	301.3898	0.005445	0.008638
30	L-08	Guard Site Removal	SCAQMD	Haul Truck	Diesel	1	1	140	140	97	135.8	4.2	hhdt	0.02575	0.708177	0.336461	0.004866	1.869185	0.216433	513.8279	0.001196	0.080954
32	L-08	Guard Site Removal	SCAQMD	Pickup Truck	Gasoline	1	1	140	140	97	135.8	4.2	passenger	0.016178	0.039174	0.42756	0.000994	1.83079	0.197888	100.5867	0.001969	0.002937
33	L-09	Pulling	SCAQMD	Worker Commute	Gasoline	10	1	140	1400	100	1400	0	passenger	0.143735	0.384055	4.173961	0.009928	0.577787	0.250005	1004.201	0.017612	0.028591
34	L-09	Pulling	SCAQMD	Haul Truck	Diesel	1	1	140	140	97	135.8	4.2	hhdt	0.02575	0.708177	0.336461	0.004866	1.869185	0.216433	513.8279	0.001196	0.080954
36	L-09	Pulling	SCAQMD	Pickup Truck	Gasoline	1	1	140	140	97	135.8	4.2	passenger	0.016178	0.039174	0.42756	0.000994	1.83079	0.197888	100.5867	0.001969	0.002937
37	L-10	Splicing	SCAQMD	Worker Commute	Gasoline	2	1	140	280	100	280	0	passenger	0.030831	0.077494	0.843826	0.001987	0.195579	0.050006	200.9882	0.003707	0.005788
38	L-10	Splicing	SCAQMD	Haul Truck	Diesel	1	1	140	140	97	135.8	4.2	hhdt	0.02575	0.708177	0.336461	0.004866	1.869185	0.216433	513.8279	0.001196	0.080954
40	L-10	Splicing	SCAQMD	Pickup Truck	Gasoline	1	1	140	140	97	135.8	4.2	passenger	0.016178	0.039174	0.42756	0.000994	1.83079	0.197888	100.5867	0.001969	0.002937
44	L-11	SWPPP Implementation	SCAQMD	Pickup Truck	Gasoline	2	1	140	280	97	276.2	8.4	passenger	0.030831	0.077494	0.843826	0.001987	0.195579	0.050006	200.9882	0.003707	0.005788
45	L-12	Access Road Improvement	SCAQMD	Pickup Truck	Gasoline	1	1	140	140	97	135.8	4.2	passenger	0.016178	0.039174	0.42756	0.000994	1.83079	0.197888	100.5867	0.001969	0.002937
46	L-13	Staging Yards	SCAQMD	Pickup Truck	Gasoline	1	1	140	140	97	135.8	4.2	passenger	0.016178	0.039174	0.42756	0.000994	1.83079	0.197888	100.5867	0.001969	0.002937
47	L-13	Staging Yards	SCAQMD	Worker Commute	Gasoline	1	1	140	140	100	140	0	passenger	0.016178	0.039174	0.42756	0.000994	0.97793	0.025006	100.5867	0.001969	0.002937
48	L-01	TSP Foundation	SCAQMD Pass-through	Worker Commute	Gasoline	5	1	110	550	100	550	0	passenger	0.065097	0.151397	1.646627	0.003901	0.384167	0.09822	394.6198	0.007059	0.011285
49	L-01	TSP Foundation	SCAQMD Pass-through	Haul Truck	Diesel	1	1	110	110	100	110	0	hhdt	0.024929	0.611832	0.333608	0.003923	0.107026	0.034238	414.3046	0.001158	0.065274
50	L-01	TSP Foundation	SCAQMD Pass-through	Ready Mix Truck	Diesel	3	1	110	330	100	330	0	hhdt	0.074786	1.824722	1.000823	0.01177	0.321077	0.102714	1242.914	0.003474	0.195822
51	L-01	TSP Foundation	SCAQMD Pass-through	Pickup Truck	Gasoline	1	1	110	110	100	110	0	passenger	0.015103	0.030962	0.338359	0.000782	0.076838	0.019649	79.07205	0.001597	0.002326
52	L-02	TSP Installation	SCAQMD Pass-through	Worker Commute	Gasoline	7	1	110	770	100	770	0	passenger	0.090093	0.211615	2.30076	0.005461	0.537831	0.137505	552.3936	0.009791	0.015764
53	L-02	TSP Installation	SCAQMD Pass-through	Haul Truck	Diesel	1	1	110	110	100	110	0	hhdt	0.024929	0.611832	0.333608	0.003923	0.107026	0.034238	414.3046	0.001158	0.065274
55	L-02	TSP Installation	SCAQMD Pass-through	Pickup Truck	Gasoline	1	1	110	110	100	110	0	passenger	0.015103	0.030962	0.338359	0.000782	0.076838	0.019649	79.07205	0.001597	0.002326
60	L-04	Structure Removal (TSP Foundation Only)	SCAQMD Pass-through	Worker Commute	Gasoline	0	0	110	0	100	0	0	passenger	0	0	0	0	0	0	0	0	0
61	L-04	Structure Removal (TSP Foundation Only)	SCAQMD Pass-through	Haul Truck	Diesel	0	0	110	0	100	0	0	hhdt	0	0	0	0	0	0	0	0	0
63	L-04	Structure Removal (TSP Foundation Only)	SCAQMD Pass-through	Pickup Truck	Gasoline	0	0	110	0	100	0	0	passenger	0	0	0	0	0	0	0	0	0
64	L-05	Reconductor (Clipping/Unclicking)	SCAQMD Pass-through	Worker Commute	Gasoline	4	1	110	440	100	440	0	passenger	0.052598	0.121289	1.31956	0.003121	0.307335	0.078577	315.7328	0.005694	0.009045
65	L-05	Reconductor (Clipping/Unclicking)	SCAQMD Pass-through	Haul Truck	Diesel	1	1	110	110	100	110	0	hhdt	0.024929	0.611832	0.333608	0.003923	0.107026	0.034238	414.3046	0.001158	0.065274
67	L-05	Reconductor (Clipping/Unclicking)	SCAQMD Pass-through	Pickup Truck	Gasoline	1	1	110	110	100	110	0	passenger	0.015103	0.030962	0.338359	0.000782	0.076838	0.019649	79.07205	0.001597	0.002326
68	L-06	Line Sleeves	SCAQMD Pass-through	Worker Commute	Gasoline	5	1	110	550	100	550	0	passenger	0.065097	0.151397	1.646627	0.003901	0.384167	0.09822	394.6198	0.007059	0.011285
69	L-06	Line Sleeves	SCAQMD Pass-through	Haul Truck	Diesel	1	1	110	110	100	110	0	hhdt	0.024929	0.611832	0.333608	0.003923	0.107026	0.034238	414.3046	0.001158	0.065274
71	L-06	Line Sleeves	SCAQMD Pass-through	Pickup Truck	Gasoline	1	1	110	110	100	110	0	passenger	0.015103	0.030962	0.338359	0.000782	0.076838	0.019649	79.07205	0.001597	0.002326
72	L-07	Guard Site Installation	SCAQMD Pass-through	Worker Commute	Gasoline	3	1	110	330	100	330	0	passenger	0.0401	0.09118	0.924949	0.002341	0.235003	0.058934	236.8459	0.004328	0.006806
73	L-07	Guard Site Installation	SCAQMD Pass-through	Haul Truck	Diesel	1	1	110	110	100	110	0	hhdt	0.024929	0.611832	0.333608	0.003923	0.107026	0.034238	414.3046	0.001158	0.065274
75	L-07	Guard Site Installation	SCAQMD Pass-through	Pickup Truck	Gasoline	1	1	110	110	100	110	0	passenger	0.015103	0.030962	0.338359	0.000782	0.076838	0.019649	79.07205	0.001597	0.002326
76	L-08	Guard Site Removal	SCAQMD Pass-through	Worker Commute	Gasoline	3	1	110	330	100	330	0	passenger	0.0401	0.09118	0						

Count	Activity Index	Activity Name	District	Equipment Name	Fuel Type	Quantity	Trips/Day	Trip Length	VMT	Paved Percent	Paved VMT	Unpaved VMT	On Type	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
73	L-07	Guard Site Installation	MDAQMD	Haul Truck	Diesel	1	1	30	30	98	29.4	0.6	hhdt	0.022738	0.354913	0.325999	0.00141	0.27683	0.034102	148.9091	0.001056	0.023461
75	L-07	Guard Site Installation	MDAQMD	Pickup Truck	Gasoline	1	1	30	30	98	29.4	0.6	passenger	0.010797	0.009065	0.100493	0.000215	0.268531	0.03006	21.69974	0.000604	0.000697
76	L-08	Guard Site Removal	MDAQMD	Worker Commute	Gasoline	3	1	30	90	100	90	0	passenger	0.027182	0.025488	0.278893	0.00064	0.062869	0.016077	64.72898	0.001348	0.001919
77	L-08	Guard Site Removal	MDAQMD	Haul Truck	Diesel	1	1	30	30	98	29.4	0.6	hhdt	0.022738	0.354913	0.325999	0.00141	0.27683	0.034102	148.9091	0.001056	0.023461
79	L-08	Guard Site Removal	MDAQMD	Pickup Truck	Gasoline	1	1	30	30	98	29.4	0.6	passenger	0.010797	0.009065	0.100493	0.000215	0.268531	0.03006	21.69974	0.000604	0.000697
80	L-09	Pulling	MDAQMD	Worker Commute	Gasoline	10	1	30	300	100	300	0	passenger	0.08453	0.082968	0.903293	0.002129	0.209548	0.053577	215.3313	0.003956	0.006195
81	L-09	Pulling	MDAQMD	Haul Truck	Diesel	1	1	30	30	90	27	3	hhdt	0.022738	0.354913	0.325999	0.00141	1.267114	0.132892	148.9091	0.001056	0.023461
83	L-09	Pulling	MDAQMD	Pickup Truck	Gasoline	1	1	30	30	90	27	3	passenger	0.010797	0.009065	0.100493	0.000215	1.258815	0.12885	21.69974	0.000604	0.000697
84	L-10	Splicing	MDAQMD	Worker Commute	Gasoline	2	1	30	60	100	60	0	passenger	0.01899	0.017277	0.189693	0.000427	0.041915	0.01072	43.21436	0.000976	0.001308
85	L-10	Splicing	MDAQMD	Haul Truck	Diesel	1	1	30	30	90	27	3	hhdt	0.022738	0.354913	0.325999	0.00141	1.267114	0.132892	148.9091	0.001056	0.023461
87	L-10	Splicing	MDAQMD	Pickup Truck	Gasoline	1	1	30	30	90	27	3	passenger	0.010797	0.009065	0.100493	0.000215	1.258815	0.12885	21.69974	0.000604	0.000697
91	L-11	SWPPP Implementation	MDAQMD	Pickup Truck	Gasoline	2	1	30	60	90	54	6	passenger	0.01899	0.017277	0.189693	0.000427	2.517625	0.257695	43.21436	0.000976	0.001308
92	L-12	Access Road Improvement	MDAQMD	Pickup Truck	Gasoline	1	1	30	30	90	27	3	passenger	0.010797	0.009065	0.100493	0.000215	1.258815	0.12885	21.69974	0.000604	0.000697
93	L-13	Staging Yards	MDAQMD	Pickup Truck	Gasoline	1	1	30	30	90	27	3	passenger	0.010797	0.009065	0.100493	0.000215	1.258815	0.12885	21.69974	0.000604	0.000697
94	L-13	Staging Yards	MDAQMD	Worker Commute	Gasoline	1	1	30	30	100	30	0	passenger	0.010797	0.009065	0.100493	0.000215	0.02096	0.005363	21.69974	0.000604	0.000697

Table 22: On-Road Controlled Emissions (tons)

Count	Activity Index	District	Days Used	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
1	L-01	SCAQMD	96	0.003512	0.009238	0.100446	0.000238	0.023469	0.006	24.10526	0.000428	0.000688
2	L-01	SCAQMD	32	0.000412	0.011331	0.005383	7.79E-05	0.029907	0.003463	8.221246	1.91E-05	0.001295
3	L-01	SCAQMD	32	0.001236	0.03382	0.01615	0.000234	0.089721	0.010389	24.66374	5.74E-05	0.003886
4	L-01	SCAQMD	96	0.000802	0.00188	0.020523	4.77E-05	0.087878	0.009499	4.82816	9.45E-05	0.000141
5	L-02	SCAQMD	96	0.004867	0.012917	0.140408	0.000334	0.032857	0.0084	33.74381	0.000595	0.000962
6	L-02	SCAQMD	32	0.000412	0.011331	0.005383	7.79E-05	0.029907	0.003463	8.221246	1.91E-05	0.001295
8	L-02	SCAQMD	96	0.000802	0.00188	0.020523	4.77E-05	0.087878	0.009499	4.82816	9.45E-05	0.000141
9	L-03	SCAQMD	14	0.00071	0.001884	0.020476	4.86E-05	0.004792	0.001225	4.920972	8.68E-05	0.00014
10	L-03	SCAQMD	14	0.00018	0.004957	0.002355	3.41E-05	0.013084	0.001515	3.596795	8.37E-06	0.000567
12	L-03	SCAQMD	14	0.000117	0.000274	0.002993	6.96E-06	0.012816	0.001385	0.704107	1.38E-05	2.06E-05
13	L-04	SCAQMD	14	0.000512	0.001347	0.014648	3.48E-05	0.003423	0.000875	3.51535	6.25E-05	0.0001
14	L-04	SCAQMD	14	0.00018	0.004957	0.002355	3.41E-05	0.013084	0.001515	3.596795	8.37E-06	0.000567
16	L-04	SCAQMD	14	0.000117	0.000274	0.002993	6.96E-06	0.012816	0.001385	0.704107	1.38E-05	2.06E-05
17	L-05	SCAQMD	174	0.005138	0.01341	0.145843	0.000346	0.03403	0.0087	34.95584	0.000625	0.000999
18	L-05	SCAQMD	174	0.00224	0.061611	0.029272	0.000423	0.162619	0.01883	44.70303	0.000104	0.007043
20	L-05	SCAQMD	174	0.001454	0.003408	0.037198	8.65E-05	0.159279	0.017216	8.75104	0.000171	0.000256
21	L-06	SCAQMD	4	0.000146	0.000385	0.004185	9.93E-06	0.000978	0.00025	1.004386	1.78E-05	2.87E-05
22	L-06	SCAQMD	4	5.15E-05	0.001416	0.000673	9.73E-06	0.003738	0.000433	1.027656	2.39E-06	0.000162
24	L-06	SCAQMD	4	3.34E-05	7.83E-05	0.000855	1.99E-06	0.003662	0.000396	0.201173	3.94E-06	5.87E-06
25	L-07	SCAQMD	6	0.000135	0.000347	0.00378	8.94E-06	0.00088	0.000225	0.904169	1.63E-05	2.59E-05
26	L-07	SCAQMD	6	7.73E-05	0.002125	0.001009	1.46E-05	0.005608	0.000649	1.541484	3.59E-06	0.000243
28	L-07	SCAQMD	6	5.02E-05	0.000118	0.001283	2.98E-06	0.005492	0.000594	0.30176	5.91E-06	8.81E-06
29	L-08	SCAQMD	3	6.74E-05	0.000174	0.00189	4.47E-06	0.00044	0.000113	0.452085	8.17E-06	1.3E-05
30	L-08	SCAQMD	3	3.86E-05	0.001062	0.000505	7.3E-06	0.002804	0.000325	0.770742	1.79E-06	0.000121
32	L-08	SCAQMD	3	2.51E-05	5.88E-05	0.000641	1.49E-06	0.002746	0.000297	0.15088	2.95E-06	4.41E-06
33	L-09	SCAQMD	160	0.011499	0.030724	0.333917	0.000794	0.07823	0.02	80.33605	0.001409	0.002287
34	L-09	SCAQMD	160	0.00206	0.056654	0.026917	0.000389	0.149535	0.017315	41.10623	9.57E-05	0.006476
36	L-09	SCAQMD	160	0.001337	0.003134	0.034205	7.96E-05	0.146463	0.015831	8.046934	0.000158	0.000235
37	L-10	SCAQMD	2	3.08E-05	7.75E-05	0.000844	1.99E-06	0.000196	5E-05	0.200988	3.71E-06	5.79E-06
38	L-10	SCAQMD	2	2.58E-05	0.000708	0.000336	4.87E-06	0.001869	0.000216	0.513828	1.2E-06	8.1E-05
40	L-10	SCAQMD	2	1.67E-05	3.92E-05	0.000428	9.94E-07	0.001831	0.000198	0.100587	1.97E-06	2.94E-06
44	L-11	SCAQMD	257	0.003962	0.009958	0.108432	0.000255	0.470512	0.050856	25.82699	0.000476	0.000744
45	L-12	SCAQMD	36	0.000301	0.000705	0.007696	1.79E-05	0.032954	0.003562	1.81056	3.54E-05	5.29E-05
46	L-13	SCAQMD	192	0.001605	0.003761	0.041046	9.55E-05	0.175756	0.018997	9.65632	0.000189	0.000282
47	L-13	SCAQMD	192	0.001605	0.003761	0.041046	9.55E-05	0.009388	0.002401	9.65632	0.000189	0.000282
48	L-01	SCAQMD Pass-through	99	0.003222	0.007494	0.081508	0.000193	0.019016	0.004862	19.53368	0.000349	0.000559
49	L-01	SCAQMD Pass-through	33	0.000411	0.010095	0.005505	6.47E-05	0.001766	0.000565	6.836026	1.91E-05	0.001077
50	L-01	SCAQMD Pass-through	33	0.001234	0.030108	0.016514	0.000194	0.005298	0.001695	20.50808	5.73E-05	0.003231

Count	Activity Index	District	Days Used	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
51	L-01	SCAQMD Pass-through	99	0.000748	0.001533	0.016749	3.87E-05	0.003803	0.000973	3.914067	7.9E-05	0.000115
52	L-02	SCAQMD Pass-through	99	0.00446	0.010475	0.113888	0.00027	0.026623	0.006807	27.34348	0.000485	0.00078
53	L-02	SCAQMD Pass-through	33	0.000411	0.010095	0.005505	6.47E-05	0.001766	0.000565	6.836026	1.91E-05	0.001077
55	L-02	SCAQMD Pass-through	99	0.000748	0.001533	0.016749	3.87E-05	0.003803	0.000973	3.914067	7.9E-05	0.000115
60	L-04	SCAQMD Pass-through	0	0	0	0	0	0	0	0	0	0
61	L-04	SCAQMD Pass-through	0	0	0	0	0	0	0	0	0	0
63	L-04	SCAQMD Pass-through	0	0	0	0	0	0	0	0	0	0
64	L-05	SCAQMD Pass-through	132	0.003471	0.008005	0.087091	0.000206	0.020284	0.005186	20.83837	0.000376	0.000597
65	L-05	SCAQMD Pass-through	132	0.001645	0.040381	0.022018	0.000259	0.007064	0.00226	27.3441	7.64E-05	0.004308
67	L-05	SCAQMD Pass-through	132	0.000997	0.002044	0.022332	5.16E-05	0.005071	0.001297	5.218756	0.000105	0.000154
68	L-06	SCAQMD Pass-through	4	0.00013	0.000303	0.003293	7.8E-06	0.000768	0.000196	0.78924	1.41E-05	2.26E-05
69	L-06	SCAQMD Pass-through	4	4.99E-05	0.001224	0.000667	7.85E-06	0.000214	6.85E-05	0.828609	2.32E-06	0.000131
71	L-06	SCAQMD Pass-through	4	3.02E-05	6.19E-05	0.000677	1.56E-06	0.000154	3.93E-05	0.158144	3.19E-06	4.65E-06
72	L-07	SCAQMD Pass-through	15	0.000301	0.000684	0.007444	1.76E-05	0.001729	0.000442	1.776344	3.25E-05	5.1E-05
73	L-07	SCAQMD Pass-through	15	0.000187	0.004589	0.002502	2.94E-05	0.000803	0.000257	3.107284	8.68E-06	0.00049
75	L-07	SCAQMD Pass-through	15	0.000113	0.000232	0.002538	5.86E-06	0.000576	0.000147	0.59304	1.2E-05	1.74E-05
76	L-08	SCAQMD Pass-through	7	0.00014	0.000319	0.003474	8.2E-06	0.000807	0.000206	0.828961	1.51E-05	2.38E-05
77	L-08	SCAQMD Pass-through	7	8.73E-05	0.002141	0.001168	1.37E-05	0.000375	0.00012	1.450066	4.05E-06	0.000228
79	L-08	SCAQMD Pass-through	7	5.29E-05	0.000108	0.001184	2.74E-06	0.000269	6.88E-05	0.276752	5.59E-06	8.14E-06
80	L-09	SCAQMD Pass-through	232	0.0148	0.035025	0.380707	0.000905	0.089126	0.022786	91.53031	0.001611	0.002608
81	L-09	SCAQMD Pass-through	232	0.002892	0.070973	0.038699	0.000455	0.012415	0.003972	48.05933	0.000134	0.007572
83	L-09	SCAQMD Pass-through	232	0.001752	0.003592	0.03925	9.07E-05	0.008913	0.002279	9.172358	0.000185	0.00027
84	L-10	SCAQMD Pass-through	3	4.14E-05	9.16E-05	0.000998	2.34E-06	0.000231	5.89E-05	0.236938	4.44E-06	6.85E-06
85	L-10	SCAQMD Pass-through	3	3.74E-05	0.000918	0.0005	5.88E-06	0.000161	5.14E-05	0.621457	1.74E-06	9.79E-05
87	L-10	SCAQMD Pass-through	3	2.27E-05	4.64E-05	0.000508	1.17E-06	0.000115	2.95E-05	0.118608	2.4E-06	3.49E-06
91	L-11	SCAQMD Pass-through	257	0.003547	0.007848	0.085507	0.000201	0.019747	0.005049	20.29773	0.000381	0.000587
92	L-12	SCAQMD Pass-through	36	0.000272	0.000557	0.00609	1.41E-05	0.001383	0.000354	1.423297	2.87E-05	4.19E-05
93	L-13	SCAQMD Pass-through	192	0.00145	0.002972	0.032483	7.5E-05	0.007376	0.001886	7.590917	0.000153	0.000223
94	L-13	SCAQMD Pass-through	192	0.00145	0.002972	0.032483	7.5E-05	0.007376	0.001886	7.590917	0.000153	0.000223
48	L-01	MDAQMD	99	0.002157	0.002075	0.022636	5.27E-05	0.005186	0.001326	5.334031	0.000104	0.000155
49	L-01	MDAQMD	33	0.000375	0.005856	0.005379	2.33E-05	0.020907	0.002193	2.457	1.74E-05	0.000387
50	L-01	MDAQMD	33	0.001126	0.01739	0.016137	6.98E-05	0.062722	0.006578	7.371001	5.23E-05	0.001161
51	L-01	MDAQMD	99	0.000534	0.000449	0.004974	1.06E-05	0.062311	0.006378	1.074137	2.99E-05	3.45E-05
52	L-02	MDAQMD	99	0.002968	0.002888	0.031467	7.38E-05	0.007261	0.001857	7.463978	0.00014	0.000216
53	L-02	MDAQMD	33	0.000375	0.005856	0.005379	2.33E-05	0.020907	0.002193	2.457	1.74E-05	0.000387
55	L-02	MDAQMD	99	0.000534	0.000449	0.004974	1.06E-05	0.062311	0.006378	1.074137	2.99E-05	3.45E-05
60	L-04	MDAQMD	0	0	0	0	0	0	0	0	0	0
61	L-04	MDAQMD	0	0	0	0	0	0	0	0	0	0
63	L-04	MDAQMD	0	0	0	0	0	0	0	0	0	0

Count	Activity Index	District	Days Used	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
64	L-05	MDAQMD	132	0.002335	0.002224	0.024294	5.63E-05	0.005532	0.001415	5.692077	0.000114	0.000167
65	L-05	MDAQMD	132	0.001501	0.023424	0.021516	9.31E-05	0.08363	0.008771	9.828001	6.97E-05	0.001548
67	L-05	MDAQMD	132	0.000713	0.000598	0.006633	1.42E-05	0.083082	0.008504	1.432183	3.98E-05	4.6E-05
68	L-06	MDAQMD	4	8.71E-05	8.38E-05	0.000915	2.13E-06	0.00021	5.36E-05	0.215516	4.19E-06	6.28E-06
69	L-06	MDAQMD	4	4.55E-05	0.00071	0.000652	2.82E-06	0.002534	0.000266	0.297818	2.11E-06	4.69E-05
71	L-06	MDAQMD	4	2.16E-05	1.81E-05	0.000201	4.29E-07	0.002518	0.000258	0.043399	1.21E-06	1.39E-06
72	L-07	MDAQMD	15	0.000204	0.000191	0.002092	4.8E-06	0.000472	0.000121	0.485467	1.01E-05	1.44E-05
73	L-07	MDAQMD	15	0.000171	0.002662	0.002445	1.06E-05	0.002076	0.000256	1.116818	7.92E-06	0.000176
75	L-07	MDAQMD	15	8.1E-05	6.8E-05	0.000754	1.61E-06	0.002014	0.000225	0.162748	4.53E-06	5.23E-06
76	L-08	MDAQMD	7	9.51E-05	8.92E-05	0.000976	2.24E-06	0.00022	5.63E-05	0.226551	4.72E-06	6.72E-06
77	L-08	MDAQMD	7	7.96E-05	0.001242	0.001141	4.94E-06	0.000969	0.000119	0.521182	3.7E-06	8.21E-05
79	L-08	MDAQMD	7	3.78E-05	3.17E-05	0.000352	7.51E-07	0.00094	0.000105	0.075949	2.11E-06	2.44E-06
80	L-09	MDAQMD	232	0.009805	0.009624	0.104782	0.000247	0.024308	0.006215	24.97843	0.000459	0.000719
81	L-09	MDAQMD	232	0.002638	0.04117	0.037816	0.000164	0.146985	0.015416	17.27346	0.000123	0.002721
83	L-09	MDAQMD	232	0.001253	0.001052	0.011657	2.49E-05	0.146023	0.014947	2.51717	7E-05	8.09E-05
84	L-10	MDAQMD	3	2.85E-05	2.59E-05	0.000285	6.41E-07	6.29E-05	1.61E-05	0.064822	1.46E-06	1.96E-06
85	L-10	MDAQMD	3	3.41E-05	0.000532	0.000489	2.12E-06	0.001901	0.000199	0.223364	1.58E-06	3.52E-05
87	L-10	MDAQMD	3	1.62E-05	1.36E-05	0.000151	3.22E-07	0.001888	0.000193	0.03255	9.05E-07	1.05E-06
91	L-11	MDAQMD	257	0.00244	0.00222	0.024376	5.49E-05	0.323515	0.033114	5.553045	0.000125	0.000168
92	L-12	MDAQMD	36	0.000194	0.000163	0.001809	3.86E-06	0.022659	0.002319	0.390595	1.09E-05	1.26E-05
93	L-13	MDAQMD	192	0.001037	0.00087	0.009647	2.06E-05	0.120846	0.01237	2.083175	5.79E-05	6.7E-05
94	L-13	MDAQMD	192	0.001037	0.00087	0.009647	2.06E-05	0.002012	0.000515	2.083175	5.79E-05	6.7E-05

Table 23: Earth Moving Uncontrolled Daily Emissions (pounds/day)

Activity ID	Activity Name	District	EF_PM10_Handling	EF_PM2.5_Handling	PM10	PM2.5
L-01	TSP Foundation	SCAQMD	0.0700	0.0106	0.681	0.103
L-02	TSP Installation	SCAQMD	0.0700	0.0106	0.000	0.000
L-03	LWS Installation	SCAQMD	0.0700	0.0106	0.531	0.080
L-04	Structure Removal (TSP Foundation Only)	SCAQMD	0.0700	0.0106	0.000	0.000
L-05	Reconductor (Clipping/Unclipping)	SCAQMD	0.0700	0.0106	0.000	0.000
L-06	Line Sleeves	SCAQMD	0.0700	0.0106	0.000	0.000
L-07	Guard Site Installation	SCAQMD	0.0700	0.0106	0.973	0.147
L-08	Guard Site Removal	SCAQMD	0.0700	0.0106	0.000	0.000
L-09	Pulling	SCAQMD	0.0700	0.0106	0.000	0.000
L-10	Splicing	SCAQMD	0.0700	0.0106	0.000	0.000
L-11	SWPPP Implementation	SCAQMD	0.0700	0.0106	0.000	0.000
L-12	Access Road Improvement	SCAQMD	0.0700	0.0106	0.000	0.000
L-13	Staging Yards	SCAQMD	0.0700	0.0106	0.000	0.000
L-01	TSP Foundation	MDAQMD	0.0700	0.0106	0.681	0.103
L-02	TSP Installation	MDAQMD	0.0700	0.0106	0.000	0.000
L-03	LWS Installation	MDAQMD	0.0700	0.0106	0.000	0.000
L-04	Structure Removal (TSP Foundation Only)	MDAQMD	0.0700	0.0106	0.000	0.000
L-05	Reconductor (Clipping/Unclipping)	MDAQMD	0.0700	0.0106	0.000	0.000
L-06	Line Sleeves	MDAQMD	0.0700	0.0106	0.000	0.000
L-07	Guard Site Installation	MDAQMD	0.0700	0.0106	1.027	0.155
L-08	Guard Site Removal	MDAQMD	0.0700	0.0106	0.000	0.000
L-09	Pulling	MDAQMD	0.0700	0.0106	0.000	0.000
L-10	Splicing	MDAQMD	0.0700	0.0106	0.000	0.000
L-11	SWPPP Implementation	MDAQMD	0.0700	0.0106	0.000	0.000
L-12	Access Road Improvement	MDAQMD	0.0700	0.0106	0.000	0.000
L-13	Staging Yards	MDAQMD	0.0700	0.0106	0.000	0.000

Table 24: Earth Moving Uncontrolled Annual Emissions (tons)

Activity ID	Activity	District	Days Used	PM10	PM2.5
L-01	TSP Foundation	SCAQMD	96	0.033	0.005
L-02	TSP Installation	SCAQMD	96	0.000	0.000
L-03	LWS Installation	SCAQMD	14	0.004	0.001
L-04	Structure Removal (TSP Foundation Only)	SCAQMD	50	0.000	0.000
L-05	Reconductor (Clipping/Unclipping)	SCAQMD	174	0.000	0.000
L-06	Line Sleeves	SCAQMD	4	0.000	0.000
L-07	Guard Site Installation	SCAQMD	6	0.003	0.000
L-08	Guard Site Removal	SCAQMD	3	0.000	0.000
L-09	Pulling	SCAQMD	160	0.000	0.000
L-10	Splicing	SCAQMD	2	0.000	0.000
L-11	SWPPP Implementation	SCAQMD	257	0.000	0.000
L-12	Access Road Improvement	SCAQMD	18	0.000	0.000
L-13	Staging Yards	SCAQMD	96	0.000	0.000
L-01	TSP Foundation	MDAQMD	99	0.034	0.005
L-02	TSP Installation	MDAQMD	99	0.000	0.000
L-03	LWS Installation	MDAQMD	8	0.000	0.000
L-04	Structure Removal (TSP Foundation Only)	MDAQMD	0	0.000	0.000
L-05	Reconductor (Clipping/Unclipping)	MDAQMD	132	0.000	0.000
L-06	Line Sleeves	MDAQMD	4	0.000	0.000
L-07	Guard Site Installation	MDAQMD	15	0.008	0.001
L-08	Guard Site Removal	MDAQMD	7	0.000	0.000
L-09	Pulling	MDAQMD	232	0.000	0.000
L-10	Splicing	MDAQMD	3	0.000	0.000
L-11	SWPPP Implementation	MDAQMD	257	0.000	0.000
L-12	Access Road Improvement	MDAQMD	18	0.000	0.000
L-13	Staging Yards	MDAQMD	96	0.000	0.000

Table 25: Earth Moving Controlled Daily Emissions (pounds/day)

Activity ID	Activity Name	District	EF_PM10_Handling	EF_PM2.5_Handling	PM10	PM2.5
L-01	TSP Foundation	SCAQMD	0.027	0.004	0.266	0.040
L-02	TSP Installation	SCAQMD	0.027	0.004	0.000	0.000
L-03	LWS Installation	SCAQMD	0.027	0.004	0.207	0.031
L-04	Structure Removal (TSP Foundation Only)	SCAQMD	0.027	0.004	0.000	0.000
L-05	Reconductor (Clipping/Unclipping)	SCAQMD	0.027	0.004	0.000	0.000
L-06	Line Sleeves	SCAQMD	0.027	0.004	0.000	0.000
L-07	Guard Site Installation	SCAQMD	0.027	0.004	0.380	0.057
L-08	Guard Site Removal	SCAQMD	0.027	0.004	0.000	0.000
L-09	Pulling	SCAQMD	0.027	0.004	0.000	0.000
L-10	Splicing	SCAQMD	0.027	0.004	0.000	0.000
L-11	SWPPP Implementation	SCAQMD	0.027	0.004	0.000	0.000
L-12	Access Road Improvement	SCAQMD	0.027	0.004	0.000	0.000
L-13	Staging Yards	SCAQMD	0.027	0.004	0.000	0.000
L-01	TSP Foundation	MDAQMD	0.027	0.004	0.266	0.040
L-02	TSP Installation	MDAQMD	0.027	0.004	0.000	0.000
L-03	LWS Installation	MDAQMD	0.027	0.004	0.000	0.000
L-04	Structure Removal (TSP Foundation Only)	MDAQMD	0.027	0.004	0.000	0.000
L-05	Reconductor (Clipping/Unclipping)	MDAQMD	0.027	0.004	0.000	0.000
L-06	Line Sleeves	MDAQMD	0.027	0.004	0.000	0.000
L-07	Guard Site Installation	MDAQMD	0.027	0.004	0.400	0.061
L-08	Guard Site Removal	MDAQMD	0.027	0.004	0.000	0.000
L-09	Pulling	MDAQMD	0.027	0.004	0.000	0.000
L-10	Splicing	MDAQMD	0.027	0.004	0.000	0.000
L-11	SWPPP Implementation	MDAQMD	0.027	0.004	0.000	0.000
L-12	Access Road Improvement	MDAQMD	0.027	0.004	0.000	0.000
L-13	Staging Yards	MDAQMD	0.027	0.004	0.000	0.000

Table 26: Earth Moving Controlled Annual Emissions (tons)

Activity ID	Activity Name	District	Days Used	PM10	PM2.5
L-01	TSP Foundation	SCAQMD	96	0.013	0.002
L-02	TSP Installation	SCAQMD	96	0.000	0.000
L-03	LWS Installation	SCAQMD	14	0.001	0.000
L-04	Structure Removal (TSP Foundation Only)	SCAQMD	50	0.000	0.000
L-05	Reconductor (Clipping/Unclipping)	SCAQMD	174	0.000	0.000
L-06	Line Sleeves	SCAQMD	4	0.000	0.000
L-07	Guard Site Installation	SCAQMD	6	0.001	0.000
L-08	Guard Site Removal	SCAQMD	3	0.000	0.000
L-09	Pulling	SCAQMD	160	0.000	0.000
L-10	Splicing	SCAQMD	2	0.000	0.000
L-11	SWPPP Implementation	SCAQMD	257	0.000	0.000
L-12	Access Road Improvement	SCAQMD	18	0.000	0.000
L-13	Staging Yards	SCAQMD	96	0.000	0.000
L-01	TSP Foundation	MDAQMD	99	0.013	0.002
L-02	TSP Installation	MDAQMD	99	0.000	0.000
L-03	LWS Installation	MDAQMD	8	0.000	0.000
L-04	Structure Removal (TSP Foundation Only)	MDAQMD	0	0.000	0.000
L-05	Reconductor (Clipping/Unclipping)	MDAQMD	132	0.000	0.000
L-06	Line Sleeves	MDAQMD	4	0.000	0.000
L-07	Guard Site Installation	MDAQMD	15	0.003	0.000
L-08	Guard Site Removal	MDAQMD	7	0.000	0.000
L-09	Pulling	MDAQMD	232	0.000	0.000
L-10	Splicing	MDAQMD	3	0.000	0.000
L-11	SWPPP Implementation	MDAQMD	257	0.000	0.000
L-12	Access Road Improvement	MDAQMD	18	0.000	0.000
L-13	Staging Yards	MDAQMD	96	0.000	0.000

Table 27: Total Uncontrolled Daily Emissions (pounds/day)

Index	District	Name	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
L-01	SCAQMD	TSP Foundation	1.31	14.03	15.65	0.07	22.34	2.94	7404.57	0.14	0.64
L-02	SCAQMD	TSP Installation	1.31	11.71	14.00	0.05	9.75	1.58	4854.33	0.13	0.21
L-03	SCAQMD	LWS Installation	1.03	9.40	10.92	0.03	9.50	1.41	3664.98	0.11	0.12
L-04	SCAQMD	Structure Removal (TSP Foundation Only)	1.17	8.51	11.43	0.04	8.71	1.22	4083.81	0.13	0.12
L-05	SCAQMD	Reconductor (Clipping/Unclipping)	0.40	3.67	6.14	0.02	8.91	1.15	2367.70	0.04	0.18
L-06	SCAQMD	Line Sleeves	0.27	2.24	5.60	0.02	9.02	1.13	2140.20	0.03	0.18
L-07	SCAQMD	Guard Site Installation	0.84	6.80	8.63	0.03	9.82	1.36	3527.71	0.09	0.18
L-08	SCAQMD	Guard Site Removal	0.50	4.20	6.16	0.02	8.75	1.12	2586.87	0.05	0.17
L-09	SCAQMD	Pulling	3.66	31.40	38.54	0.10	11.26	2.61	10542.08	0.35	0.26
L-10	SCAQMD	Splicing	0.19	2.03	3.37	0.02	8.50	1.00	1602.34	0.02	0.16
L-11	SCAQMD	SWPPP Implementation	1.01	5.99	7.84	0.03	8.27	1.05	3207.21	0.12	0.03
L-12	SCAQMD	Access Road Improvement	0.94	6.92	9.09	0.02	4.33	0.71	2417.09	0.09	0.02
L-13	SCAQMD	Staging Yards	0.32	2.59	4.30	0.01	4.28	0.54	775.83	0.02	0.01
L-01	MDAQMD	TSP Foundation	1.08	9.82	10.33	0.03	15.06	1.88	3340.67	0.11	0.12
L-02	MDAQMD	TSP Installation	1.13	10.26	8.40	0.03	6.11	0.97	2812.54	0.11	0.05
L-03	MDAQMD	LWS Installation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
L-04	MDAQMD	Structure Removal (TSP Foundation Only)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
L-05	MDAQMD	Reconductor (Clipping/Unclipping)	0.28	2.40	2.50	0.01	5.72	0.66	799.24	0.03	0.03
L-06	MDAQMD	Line Sleeves	0.13	0.91	1.31	0.00	5.68	0.61	413.96	0.01	0.03
L-07	MDAQMD	Guard Site Installation	0.73	5.59	5.64	0.02	2.44	0.48	2117.02	0.08	0.04
L-08	MDAQMD	Guard Site Removal	0.40	2.99	3.17	0.01	1.31	0.23	1176.18	0.04	0.03
L-09	MDAQMD	Pulling	3.42	29.77	30.98	0.07	7.15	1.89	8026.97	0.32	0.09
L-10	MDAQMD	Splicing	0.10	0.88	1.04	0.00	5.62	0.59	349.42	0.01	0.03
L-11	MDAQMD	SWPPP Implementation	0.98	5.87	6.52	0.03	5.76	0.75	2891.48	0.12	0.02
L-12	MDAQMD	Access Road Improvement	0.92	6.86	8.43	0.02	3.07	0.56	2259.13	0.09	0.02
L-13	MDAQMD	Staging Yards	0.28	2.46	2.97	0.01	2.87	0.36	459.91	0.02	0.00
L-01	SCAQMD Pass-through	TSP Foundation	0.18	2.62	3.32	0.02	0.89	0.25	2130.91	0.01	0.27
L-02	SCAQMD Pass-through	TSP Installation	0.13	0.85	2.97	0.01	0.72	0.19	1045.77	0.01	0.08
L-03	SCAQMD Pass-through	LWS Installation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
L-04	SCAQMD Pass-through	Structure Removal (TSP Foundation Only)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
L-05	SCAQMD Pass-through	Reconductor (Clipping/Unclipping)	0.09	0.76	1.99	0.01	0.49	0.13	809.11	0.01	0.08
L-06	SCAQMD Pass-through	Line Sleeves	0.11	0.79	2.32	0.01	0.57	0.15	888.00	0.01	0.08
L-07	SCAQMD Pass-through	Guard Site Installation	0.08	0.73	1.66	0.01	0.41	0.11	730.22	0.01	0.07
L-08	SCAQMD Pass-through	Guard Site Removal	0.08	0.73	1.66	0.01	0.41	0.11	730.22	0.01	0.07
L-09	SCAQMD Pass-through	Pulling	0.17	0.94	3.95	0.01	0.95	0.25	1282.43	0.02	0.09
L-10	SCAQMD Pass-through	Splicing	0.07	0.70	1.34	0.01	0.34	0.09	651.34	0.01	0.07
L-11	SCAQMD Pass-through	SWPPP Implementation	0.03	0.06	0.67	0.00	0.15	0.04	157.96	0.00	0.00
L-12	SCAQMD Pass-through	Access Road Improvement	0.02	0.03	0.34	0.00	0.08	0.02	79.07	0.00	0.00
L-13	SCAQMD Pass-through	Staging Yards	0.03	0.06	0.68	0.00	0.15	0.04	158.14	0.00	0.00

Table 28: Total Controlled Daily Emissions (pounds)

Index	District	Name	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
L-01	SCAQMD	TSP Foundation	0.87	9.31	21.32	0.07	11.14	1.66	7404.57	0.14	0.64
L-02	SCAQMD	TSP Installation	0.51	3.10	18.94	0.05	5.15	0.83	4854.33	0.13	0.21
L-03	SCAQMD	LWS Installation	0.37	2.17	15.26	0.03	4.64	0.67	3664.98	0.11	0.12
L-04	SCAQMD	Structure Removal (TSP Foundation Only)	0.51	3.78	18.15	0.04	4.30	0.64	4083.81	0.13	0.12
L-05	SCAQMD	Reconductor (Clipping/Unclipping)	0.25	1.93	7.10	0.02	4.59	0.66	2367.70	0.04	0.18
L-06	SCAQMD	Line Sleeves	0.23	1.80	5.84	0.02	4.76	0.69	2140.20	0.03	0.18
L-07	SCAQMD	Guard Site Installation	0.35	2.52	12.95	0.03	4.82	0.70	3527.71	0.09	0.18
L-08	SCAQMD	Guard Site Removal	0.26	2.06	8.32	0.02	4.43	0.62	2586.87	0.05	0.17
L-09	SCAQMD	Pulling	1.53	10.07	51.50	0.10	6.07	1.33	10542.08	0.35	0.26
L-10	SCAQMD	Splicing	0.15	1.60	3.61	0.02	4.24	0.56	1602.34	0.02	0.16
L-11	SCAQMD	SWPPP Implementation	0.33	1.54	15.52	0.03	3.87	0.49	3207.21	0.12	0.03
L-12	SCAQMD	Access Road Improvement	0.28	1.91	13.24	0.02	1.97	0.28	2417.09	0.09	0.02
L-13	SCAQMD	Staging Yards	0.32	2.59	4.30	0.01	2.16	0.33	775.83	0.02	0.01
L-01	MDAQMD	TSP Foundation	0.64	5.10	15.99	0.03	6.89	0.91	3340.67	0.11	0.12
L-02	MDAQMD	TSP Installation	0.33	1.65	13.34	0.03	2.72	0.35	2812.54	0.11	0.05
L-03	MDAQMD	LWS Installation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
L-04	MDAQMD	Structure Removal (TSP Foundation Only)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
L-05	MDAQMD	Reconductor (Clipping/Unclipping)	0.12	0.66	3.47	0.01	2.62	0.29	799.24	0.03	0.03
L-06	MDAQMD	Line Sleeves	0.09	0.47	1.55	0.00	2.63	0.29	413.96	0.01	0.03
L-07	MDAQMD	Guard Site Installation	0.24	1.32	9.97	0.02	1.04	0.18	2117.02	0.08	0.04
L-08	MDAQMD	Guard Site Removal	0.15	0.85	5.34	0.01	0.63	0.10	1176.18	0.04	0.03
L-09	MDAQMD	Pulling	1.29	8.44	43.93	0.07	3.18	0.73	8026.97	0.32	0.09
L-10	MDAQMD	Splicing	0.07	0.45	1.28	0.00	2.57	0.28	349.42	0.01	0.03
L-11	MDAQMD	SWPPP Implementation	0.29	1.42	14.20	0.03	2.57	0.31	2891.48	0.12	0.02
L-12	MDAQMD	Access Road Improvement	0.26	1.85	12.57	0.02	1.32	0.19	2259.13	0.09	0.02
L-13	MDAQMD	Staging Yards	0.28	2.46	2.97	0.01	1.36	0.20	459.91	0.02	0.00
L-01	SCAQMD Pass-through	TSP Foundation	0.18	2.62	3.32	0.02	0.89	0.25	2130.91	0.01	0.27
L-02	SCAQMD Pass-through	TSP Installation	0.13	0.85	2.97	0.01	0.72	0.19	1045.77	0.01	0.08
L-03	SCAQMD Pass-through	LWS Installation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
L-04	SCAQMD Pass-through	Structure Removal (TSP Foundation Only)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
L-05	SCAQMD Pass-through	Reconductor (Clipping/Unclipping)	0.09	0.76	1.99	0.01	0.49	0.13	809.11	0.01	0.08
L-06	SCAQMD Pass-through	Line Sleeves	0.11	0.79	2.32	0.01	0.57	0.15	888.00	0.01	0.08
L-07	SCAQMD Pass-through	Guard Site Installation	0.08	0.73	1.66	0.01	0.41	0.11	730.22	0.01	0.07
L-08	SCAQMD Pass-through	Guard Site Removal	0.08	0.73	1.66	0.01	0.41	0.11	730.22	0.01	0.07
L-09	SCAQMD Pass-through	Pulling	0.17	0.94	3.95	0.01	0.95	0.25	1282.43	0.02	0.09
L-10	SCAQMD Pass-through	Splicing	0.07	0.70	1.34	0.01	0.34	0.09	651.34	0.01	0.07
L-11	SCAQMD Pass-through	SWPPP Implementation	0.03	0.06	0.67	0.00	0.15	0.04	157.96	0.00	0.00
L-12	SCAQMD Pass-through	Access Road Improvement	0.02	0.03	0.34	0.00	0.08	0.02	79.07	0.00	0.00
L-13	SCAQMD Pass-through	Staging Yards	0.03	0.06	0.68	0.00	0.15	0.04	158.14	0.00	0.00

Table 29: Total Uncontrolled Annual Emissions (tons)

Index	District	Name	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
L-01	SCAQMD	TSP Foundation	0.056	0.507	0.669	0.002	0.549	0.082	238.158	0.006	0.012
L-02	SCAQMD	TSP Installation	0.061	0.520	0.654	0.002	0.338	0.061	204.462	0.006	0.005
L-03	SCAQMD	LWS Installation	0.007	0.066	0.076	0.000	0.066	0.010	25.655	0.001	0.001
L-04	SCAQMD	Structure Removal (TSP Foundation Only)	0.027	0.196	0.234	0.001	0.066	0.013	81.996	0.003	0.001
L-05	SCAQMD	Reconductor (Clipping/Unclipping)	0.033	0.303	0.492	0.002	0.765	0.097	188.999	0.003	0.014
L-06	SCAQMD	Line Sleeves	0.001	0.004	0.011	0.000	0.018	0.002	4.280	0.000	0.000
L-07	SCAQMD	Guard Site Installation	0.003	0.024	0.033	0.000	0.031	0.005	13.869	0.000	0.001
L-08	SCAQMD	Guard Site Removal	0.001	0.008	0.013	0.000	0.014	0.002	5.341	0.000	0.000
L-09	SCAQMD	Pulling	0.299	2.546	3.226	0.008	0.935	0.218	889.534	0.028	0.024
L-10	SCAQMD	Splicing	0.000	0.002	0.004	0.000	0.009	0.001	1.928	0.000	0.000
L-11	SCAQMD	SWPPP Implementation	0.130	0.770	1.007	0.004	1.062	0.135	412.127	0.016	0.004
L-12	SCAQMD	Access Road Improvement	0.017	0.125	0.164	0.000	0.078	0.013	43.508	0.002	0.000
L-13	SCAQMD	Staging Yards	0.031	0.248	0.413	0.001	0.411	0.052	74.480	0.002	0.001
L-01	MDAQMD	TSP Foundation	0.050	0.439	0.468	0.001	0.378	0.056	145.707	0.005	0.003
L-02	MDAQMD	TSP Installation	0.055	0.496	0.405	0.001	0.210	0.039	134.307	0.005	0.002
L-03	MDAQMD	LWS Installation	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
L-04	MDAQMD	Structure Removal (TSP Foundation Only)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
L-05	MDAQMD	Reconductor (Clipping/Unclipping)	0.018	0.159	0.165	0.000	0.378	0.044	52.750	0.002	0.002
L-06	MDAQMD	Line Sleeves	0.000	0.002	0.003	0.000	0.011	0.001	0.828	0.000	0.000
L-07	MDAQMD	Guard Site Installation	0.005	0.042	0.042	0.000	0.018	0.004	15.878	0.001	0.000
L-08	MDAQMD	Guard Site Removal	0.001	0.010	0.011	0.000	0.005	0.001	4.117	0.000	0.000
L-09	MDAQMD	Pulling	0.397	3.453	3.594	0.009	0.829	0.219	931.129	0.037	0.011
L-10	MDAQMD	Splicing	0.000	0.001	0.002	0.000	0.008	0.001	0.524	0.000	0.000
L-11	MDAQMD	SWPPP Implementation	0.125	0.754	0.837	0.003	0.740	0.097	371.555	0.015	0.003
L-12	MDAQMD	Access Road Improvement	0.017	0.123	0.152	0.000	0.055	0.010	40.664	0.002	0.000
L-13	MDAQMD	Staging Yards	0.027	0.237	0.285	0.001	0.276	0.034	44.152	0.002	0.000

Table 30: Total Controlled Annual Emissions (tons)

Index	District	Name	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
L-01	SCAQMD	TSP Foundation	0.035	0.280	0.941	0.002	0.283	0.048	238.158	0.006	0.012
L-02	SCAQMD	TSP Installation	0.023	0.107	0.892	0.002	0.185	0.032	204.462	0.006	0.005
L-03	SCAQMD	LWS Installation	0.003	0.015	0.107	0.000	0.032	0.005	25.655	0.001	0.001
L-04	SCAQMD	Structure Removal (TSP Foundation Only)	0.011	0.078	0.402	0.001	0.032	0.006	81.996	0.003	0.001
L-05	SCAQMD	Reconductor (Clipping/Unclipping)	0.019	0.152	0.576	0.002	0.389	0.054	188.999	0.003	0.014
L-06	SCAQMD	Line Sleeves	0.000	0.004	0.012	0.000	0.010	0.001	4.280	0.000	0.000
L-07	SCAQMD	Guard Site Installation	0.001	0.011	0.046	0.000	0.016	0.003	13.869	0.000	0.001
L-08	SCAQMD	Guard Site Removal	0.001	0.005	0.016	0.000	0.007	0.001	5.341	0.000	0.000
L-09	SCAQMD	Pulling	0.128	0.839	4.262	0.008	0.520	0.115	889.534	0.028	0.024
L-10	SCAQMD	Splicing	0.000	0.002	0.004	0.000	0.004	0.001	1.928	0.000	0.000
L-11	SCAQMD	SWPPP Implementation	0.042	0.198	1.994	0.004	0.497	0.063	412.127	0.016	0.004
L-12	SCAQMD	Access Road Improvement	0.005	0.034	0.238	0.000	0.035	0.005	43.508	0.002	0.000
L-13	SCAQMD	Staging Yards	0.031	0.248	0.413	0.001	0.207	0.032	74.480	0.002	0.001
L-01	MDAQMD	TSP Foundation	0.029	0.206	0.749	0.001	0.174	0.027	145.707	0.005	0.003
L-02	MDAQMD	TSP Installation	0.016	0.070	0.649	0.001	0.093	0.013	134.307	0.005	0.002
L-03	MDAQMD	LWS Installation	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
L-04	MDAQMD	Structure Removal (TSP Foundation Only)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
L-05	MDAQMD	Reconductor (Clipping/Unclipping)	0.008	0.044	0.229	0.000	0.173	0.019	52.750	0.002	0.002
L-06	MDAQMD	Line Sleeves	0.000	0.001	0.003	0.000	0.005	0.001	0.828	0.000	0.000
L-07	MDAQMD	Guard Site Installation	0.002	0.010	0.075	0.000	0.008	0.001	15.878	0.001	0.000
L-08	MDAQMD	Guard Site Removal	0.001	0.003	0.019	0.000	0.002	0.000	4.117	0.000	0.000
L-09	MDAQMD	Pulling	0.150	0.979	5.096	0.009	0.368	0.085	931.129	0.037	0.011
L-10	MDAQMD	Splicing	0.000	0.001	0.002	0.000	0.004	0.000	0.524	0.000	0.000
L-11	MDAQMD	SWPPP Implementation	0.037	0.182	1.825	0.003	0.330	0.040	371.555	0.015	0.003
L-12	MDAQMD	Access Road Improvement	0.005	0.033	0.226	0.000	0.024	0.003	40.664	0.002	0.000
L-13	MDAQMD	Staging Yards	0.027	0.237	0.285	0.001	0.130	0.020	44.152	0.002	0.000

Table 31: Maximum Daily Emissions (pounds/day)

District	Type	Year	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O	CO2e MT
SCAQMD	Unctrl	2025	13.9	117.8	162.6	0.5	128.6	19.2	57837.9	1.4	3.1	26.675
SCAQMD	Unctrl	2026	14.9	126.1	183.5	0.6	133.8	20.6	66501.1	1.5	4.0	30.718
SCAQMD	Unctrl	2027	14.9	126.1	183.5	0.6	133.8	20.6	66501.1	1.5	4.0	30.718
SCAQMD	Ctrl	2025	6.9	52.7	216.9	0.5	67.3	10.9	57837.9	1.4	3.1	26.675
SCAQMD	Ctrl	2026	7.9	61.0	237.9	0.6	72.5	12.3	66501.1	1.5	4.0	30.718
SCAQMD	Ctrl	2027	7.9	61.0	237.9	0.6	72.5	12.3	66501.1	1.5	4.0	30.718
MDAQMD	Unctrl	2025	9.4	77.8	81.3	0.2	60.8	9.0	24646.5	0.9	0.5	11.253
MDAQMD	Unctrl	2026	18.9	155.6	162.6	0.5	121.6	18.0	49293.0	1.8	0.9	22.507
MDAQMD	Unctrl	2027	18.9	155.6	162.6	0.5	121.6	18.0	49293.0	1.8	0.9	22.507
MDAQMD	Ctrl	2025	3.8	24.7	124.6	0.2	27.5	3.8	24646.5	0.9	0.5	11.253
MDAQMD	Ctrl	2026	7.5	49.3	249.2	0.5	55.1	7.6	49293.0	1.8	0.9	22.507
MDAQMD	Ctrl	2027	7.5	49.3	249.2	0.5	55.1	7.6	49293.0	1.8	0.9	22.507

Notes:

1. A detailed schedule of each construction activity is not available at the time of the analysis. Because construction activities would be spread out along the project alignment, all activities were assumed to occur simultaneously.
2. Construction would begin in Q4 2025 and continue for 4 months (i.e., October 2025 through January 2026). Construction would resume in Q4 2026 and be completed in 4 months (i.e., October 2026 through January 2027).
3. One crew assigned to to each air district in the first work window. One crew assigned to the SCAQMD and two crews assigned to the MDAQMD in the second work window.
4. All crews would originate from within the SCAQMD; therefore, a portion of on-road emissions associated with travel to the MDAQMD have been attributed to the SCAQMD.

Table 32: Annual Emissions (tons/year)

District	Type	Year	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O	CO2e (MT)
SCAQMD	Unctrl	2025	0.25	1.99	2.62	0.01	1.63	0.26	819.13	0.03	0.02	750.324
SCAQMD	Unctrl	2026	0.33	2.66	3.50	0.01	2.17	0.35	1092.17	0.03	0.03	1000.432
SCAQMD	Unctrl	2027	0.08	0.66	0.87	0.00	0.54	0.09	273.04	0.01	0.01	250.108
SCAQMD	Ctrl	2025	0.11	0.74	3.71	0.01	0.83	0.14	819.13	0.03	0.02	750.324
SCAQMD	Ctrl	2026	0.15	0.99	4.95	0.01	1.11	0.18	1092.17	0.03	0.03	1000.432
SCAQMD	Ctrl	2027	0.04	0.25	1.24	0.00	0.28	0.05	273.04	0.01	0.01	250.108
MDAQMD	Unctrl	2025	0.26	2.14	2.24	0.01	1.09	0.19	653.10	0.03	0.01	595.259
MDAQMD	Unctrl	2026	0.35	2.86	2.98	0.01	1.45	0.25	870.80	0.03	0.01	793.679
MDAQMD	Unctrl	2027	0.09	0.71	0.75	0.00	0.36	0.06	217.70	0.01	0.00	198.420
MDAQMD	Ctrl	2025	0.10	0.66	3.43	0.01	0.49	0.08	653.10	0.03	0.01	595.259
MDAQMD	Ctrl	2026	0.14	0.88	4.58	0.01	0.66	0.10	870.80	0.03	0.01	793.679
MDAQMD	Ctrl	2027	0.03	0.22	1.14	0.00	0.16	0.03	217.70	0.01	0.00	198.420

Notes:

1. A detailed schedule of each construction activity is not available at the time of the analysis.
2. Construction would begin in Q4 2025 and continue for 4 months (i.e., October 2025 through January 2026). Construction would resume in Q4 2026 and be completed in 4 months (i.e., October 2026 through January 2027). As a result, 3 months of construction would occur 2025, 4 months of construction would occur in 2026, and 1 month of construction would occur in 2028.
3. Emissions were assumed to be equally distributed during each month of construction.

Table 33: LST Summary

Activity	Uncontrolled				Controlled			
	NOX	CO	PM10	PM2.5	NOX	CO	PM10	PM2.5
100-meter Threshold	238	2565	16	10	238	2565	16	10
TSP Foundation	8.36	8.47	1.05	0.44	3.64	14.13	0.46	0.22
TSP Installation	9.84	7.33	0.40	0.37	1.23	12.27	0.05	0.05
LWS Installation	8.38	7.23	0.87	0.39	1.16	11.57	0.25	0.08
Structure Removal (TSP Foundation Only)	7.57	8.58	0.28	0.26	2.84	15.29	0.11	0.10
Reconductor (Clipping/Unclipping)	2.00	1.71	0.08	0.07	0.27	2.67	0.01	0.01
Line Sleeves	0.50	0.43	0.02	0.02	0.07	0.67	0.00	0.00
Guard Site Installation	5.20	4.94	1.17	0.33	0.93	9.26	0.42	0.09
Guard Site Removal	2.60	2.47	0.10	0.09	0.46	4.63	0.02	0.02
Pulling	29.32	29.65	1.38	1.27	7.99	42.60	0.44	0.42
Splicing	0.50	0.43	0.02	0.02	0.07	0.67	0.00	0.00
SWPPP Implementation	5.85	6.33	0.21	0.19	1.40	14.01	0.05	0.05
Access Road Improvement	6.85	8.33	0.30	0.28	1.84	12.47	0.06	0.06
Staging Yards	2.45	2.77	0.08	0.07	2.45	2.77	0.08	0.07
Maximum	29.32	29.65	1.38	1.27	7.99	42.60	0.46	0.42

Note:

Emissions limited to on-site construction equipment use and fugitive dust emissions from earth-moving