

**APPENDIX B:
PROPOSED PROJECT POLE DETAILS**

APPENDIX B: PROJECT STRUCTURE DETAILS

Table B-1 Proposed Project Structure Summary Count by Type and Location

| Project Action | Structure Type | Segment A | Segment C | Segment D | Encina Hub | Mission—San Luis Rey Phase Transposition | Project Total |
|--|---------------------------------|-----------|-----------|-----------|------------|--|---------------|
| Proposed Structures to Install | 230-kV Steel Cable Pole | 1 | 1 | | | | 2 |
| | 230-kV Tubular Steel Pole | 38 | 1 | | | | 39 |
| | 230-kV Tubular Steel/Cable Pole | 1 | | | | | 1 |
| | 138-kV Steel H-Frame | 1 | | | | | 1 |
| | 138-kV Tubular Steel Pole | 2 | | | | | 2 |
| | 69-kV Steel Cable Pole | | | 2 | | | 2 |
| | 69-kV Tubular Steel Pole | | | 17 | | | 17 |
| | Total | | 43 | 2 | 19 | 0 | 0 |
| Existing Structures to Remain | 230-kV Steel Lattice Tower | 1 | 10 | 15 | 4 | 2 | 32 |
| | 230-kV Tubular Steel Pole | 3 | | 1 | 1 | | 5 |
| | 230-kV Wood H-Frame | | | | | 2 | 2 |
| | Total | 4 | 10 | 16 | 5 | 4 | 39 |
| Existing Structures to Top | 138-kV Steel H-Frame | 1 | | | | | 1 |
| | 138-kV Wood H-Frame | 5 | | | | | 5 |
| | 69-kV Wood Monopole | 1 | | | | | 1 |
| | Total | 7 | 0 | 0 | 0 | 0 | 7 |
| Total Structures to Install, Utilize in Place, or Top | | 54 | 12 | 35 | 5 | 4 | 110 |
| Existing Structures to Remove | 230-kV Steel Lattice Tower | | 2 | | | | 2 |
| | 138-kV Steel Cable Pole | 1 | | | | | 1 |
| | 138-kV Steel H-Frame | 1 | | 1 | | | 2 |
| | 138-kV Tubular Steel Pole | 2 | | | | | 2 |

APPENDIX B: PROJECT STRUCTURE DETAILS

| Project Action | Structure Type | Segment A | Segment C | Segment D | Encina Hub | Mission—San Luis Rey Phase Transposition | Project Total |
|-----------------------------------|-----------------------|-----------|-----------|-----------|------------|--|---------------|
| | 138-kV Wood H-Frame | 39 | | | | | 39 |
| | 138-kV Wood Monopole | 2 | | | | | 2 |
| | 69-kV Wood Cable Pole | | | 2 | | | 2 |
| | 69-kV Wood H-Frame | | | 15 | | | 15 |
| | 69-kV Wood Monopole | | 2 | 4 | | | 6 |
| Total Structures to Remove | | 45 | 4 | 22 | 0 | 0 | 71 |

APPENDIX B: PROJECT STRUCTURE DETAILS

Table B-2 Proposed Project Structure Identification by Type and Location

| Structure Type | Segment A | Segment C | Segment D | Encina Hub | Mission-San Luis Rey Phase Transposition |
|---|---|--|--|------------------------|--|
| Proposed Structures to Install¹ | | | | | |
| 230-kV Steel Cable Pole | P3 | P42 | | | |
| 230-kV Tubular Steel Pole | P1, P2, P10, P21, P24, P27, P32, P35, P36, P4, P5, P6, P7, P8, P9, P11, P12, P13, P14, P15, P16, P17, P18, P19, P20, P22, P23, P25, P26, P28, P29, P33, P34, P37, P38, P39, P40, and P40A | | P43 | | |
| 230-kV Tubular Steel/Cable Pole | P41 | | | | |
| 138-kV Steel H-Frame | P41A | | | | |
| 138-kV Tubular Steel Pole | P30 and P31 | | | | |
| 69-kV Steel Cable Pole | | | P60 and P61 | | |
| 69-kV Tubular Steel Pole | | | P44, P45, P47, P55, P59, P59A, P46, P48, P49, P50, P51, P52, P53, P54, P56, P57, and P58 | | |
| Existing Structures to Remain² | | | | | |
| 230-kV Steel Lattice Tower | E1A | E4, E7, E5, E6, E8, E9, E10, E11, E12, and E13 | E14, E16, E24, E28, E15, E17, E18, E19, E20, E21, E22, E23, E25, E26, and E27 | E34, E36, E37, and E35 | E30 and E33 |
| 230-kV Tubular Steel Pole | E1, E2, and E3 | | E29 | E38 | |
| 230-kV Wood H-Frame | | | | | E31 and E32 |
| Existing Structures to Top³ | | | | | |
| 138-kV Steel H-Frame | T4 | | | | |

APPENDIX B: PROJECT STRUCTURE DETAILS

| Structure Type | Segment A | Segment C | Segment D | Encina Hub | Mission-San Luis Rey Phase Transposition |
|--|---|-------------|---|------------|--|
| 138-kV Wood H-Frame | T2, T3, T5, T6, and T7 | | | | |
| 69-kV Wood Monopole | T1 | | | | |
| Existing Structures to Remove⁴ | | | | | |
| 230-kV Steel Lattice Tower | | R45 and R46 | | | |
| 138-kV Steel Cable Pole | R1 | | | | |
| 138-kV Steel H-Frame | R44 | | R49A | | |
| 138-kV Tubular Steel Pole | R32 and R33 | | | | |
| 138-kV Wood H-Frame | R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R22, R23, R24, R25, R26, R26, R27, R28, R29, R30, R31, R34, R35, R36, R37, R38, R39, R40, R41, R42, and R43 | | | | |
| 138-kV Wood Monopole | R2 and R3 | | | | |
| 69-kV Wood Cable Pole | | | R67 and R68 | | |
| 69-kV Wood H-Frame | | | R52, R53, R54, R55, R56, R57, R58, R59, R60, R61, R62, R63, R64, R65, and R66 | | |
| 69-kV Wood Monopole | | R47 and R48 | R49, R50, R51, and R69 | | |

Notes:

- ¹ Structure IDs that begin with "P" indicate a new proposed structure that would be installed.
- ² Structure IDs that begin with "E" indicate an existing structure that would be utilized in place.
- ³ Structure IDs that begin with "T" indicate an existing structure that would be topped and utilized in place.
- ⁴ Structure IDs that begin with "R" indicate an existing structure that would be removed.

APPENDIX B: PROJECT STRUCTURE DETAILS

Table B-3 Proposed Project Structure Details Arranged by Structure Identification and Proposed Action

| Structure ID | Proposed Action | Structure Details | Height ¹ | Aviation Lighting | Project Area and Detail Map Number(s) ² |
|--------------|-----------------|--|---------------------|-------------------|--|
| P1 | Install | 230-kV Tubular Steel Pole (Dead End) | 155 ft | Yes | Segment A (Maps 4 and 5) |
| P2 | Install | 230-kV Tubular Steel Pole (Dead End) | 165 ft | Yes | Segment A (Maps 4 and 5) |
| P3 | Install | 230-kV Tubular Steel/Cable Pole (Dead End) | 160 ft | Yes | Segment A (Maps 3, 4, and 6) |
| P4 | Install | 230-kV Tubular Steel Pole (Tangent) | 120 ft | Yes | Segment A (Map 6) |
| P5 | Install | 230-kV Tubular Steel Pole (Tangent) | 100 ft | No | Segment A (Map 7) |
| P6 | Install | 230-kV Tubular Steel Pole (Tangent) | 100 ft | No | Segment A (Map 7) |
| P7 | Install | 230-kV Tubular Steel Pole (Tangent) | 100 ft | No | Segment A (Maps 7 and 8) |
| P8 | Install | 230-kV Tubular Steel Pole (Tangent) | 100 ft | No | Segment A (Map 8) |
| P9 | Install | 230-kV Tubular Steel Pole (Tangent) | 110 ft | No | Segment A (Map 8) |
| P10 | Install | 230-kV Tubular Steel Pole (Dead End) | 95 ft | No | Segment A (Map 9) |
| P11 | Install | 230-kV Tubular Steel Pole (Tangent) | 120 ft | No | Segment A (Map 9) |
| P12 | Install | 230-kV Tubular Steel Pole (Tangent) | 110 ft | No | Segment A (Map 10) |
| P13 | Install | 230-kV Tubular Steel Pole (Tangent) | 125 ft | No | Segment A (Map 10) |
| P14 | Install | 230-kV Tubular Steel Pole (Tangent) | 125 ft | No | Segment A (Map 10) |
| P15 | Install | 230-kV Tubular Steel Pole (Tangent) | 110 ft | No | Segment A (Map 11) |
| P16 | Install | 230-kV Tubular Steel Pole (Tangent) | 120 ft | No | Segment A (Map 11) |
| P17 | Install | 230-kV Tubular Steel Pole (Tangent) | 135 ft | No | Segment A (Map 11) |
| P18 | Install | 230-kV Tubular Steel Pole (Tangent) | 130 ft | No | Segment A (Maps 11 and 12) |
| P19 | Install | 230-kV Tubular Steel Pole (Tangent) | 130 ft | No | Segment A (Map 12) |
| P20 | Install | 230-kV Tubular Steel Pole (Tangent) | 120 ft | No | Segment A (Map 12) |

APPENDIX B: PROJECT STRUCTURE DETAILS

| Structure ID | Proposed Action | Structure Details | Height ¹ | Aviation Lighting | Project Area and Detail Map Number(s) ² |
|--------------|-----------------|--------------------------------------|---------------------|-------------------|--|
| P21 | Install | 230-kV Tubular Steel Pole (Dead End) | 125 ft | No | Segment A (Map 12) |
| P22 | Install | 230-kV Tubular Steel Pole (Tangent) | 125 ft | No | Segment A (Maps 12, 13, and 14) |
| P23 | Install | 230-kV Tubular Steel Pole (Tangent) | 110 ft | No | Segment A (Maps 13 and 14) |
| P24 | Install | 230-kV Tubular Steel Pole (Dead End) | 110 ft | No | Segment A (Map 14) |
| P25 | Install | 230-kV Tubular Steel Pole (Tangent) | 115 ft | No | Segment A (Map 15) |
| P26 | Install | 230-kV Tubular Steel Pole (Tangent) | 105 ft | No | Segment A (Map 15) |
| P27 | Install | 230-kV Tubular Steel Pole (Dead End) | 125 ft | No | Segment A (Map 16) |
| P28 | Install | 230-kV Tubular Steel Pole (Tangent) | 100 ft | No | Segment A (Map 16) |
| P29 | Install | 230-kV Tubular Steel Pole (Tangent) | 120 ft | No | Segment A (Map 16) |
| P30 | Install | 138-kV Tubular Steel Pole (Dead End) | 75 ft | No | Segment A (Map 16) |
| P31 | Install | 138-kV Tubular Steel Pole (Dead End) | 75 ft | No | Segment A (Map 16) |
| P32 | Install | 230-kV Tubular Steel Pole (Dead End) | 160 ft | No | Segment A (Map 17) |
| P33 | Install | 230-kV Tubular Steel Pole (Tangent) | 130 ft | No | Segment A (Map 17) |
| P34 | Install | 230-kV Tubular Steel Pole (Tangent) | 125 ft | No | Segment A (Map 18) |
| P35 | Install | 230-kV Tubular Steel Pole (Dead End) | 155 ft | Yes | Segment A (Map 18) |
| P36 | Install | 230-kV Tubular Steel Pole (Dead End) | 170 ft | Yes | Segment A (Map 19) |
| P37 | Install | 230-kV Tubular Steel Pole (Tangent) | 130 ft | Yes | Segment A (Map 19) |
| P38 | Install | 230-kV Tubular Steel Pole (Tangent) | 130 ft | No | Segment A (Map 19) |
| P39 | Install | 230-kV Tubular Steel Pole (Tangent) | 115 ft | No | Segment A (Map 20) |
| P40 | Install | 230-kV Tubular Steel Pole (Tangent) | 100 ft | No | Segment A (Maps 20 and 21) |
| P40A | Install | 230-kV Tubular Steel Pole (Tangent) | 120 ft | No | Segment A (Map 21) |

APPENDIX B: PROJECT STRUCTURE DETAILS

| Structure ID | Proposed Action | Structure Details | Height ¹ | Aviation Lighting | Project Area and Detail Map Number(s) ² |
|--------------|-----------------|--------------------------------------|---------------------|-------------------|--|
| P41 | Install | 230-kV Steel Cable Pole (Dead End) | 160.5 ft | No | Segment A (Map 21) |
| P41A | Install | 138-kV Steel H-Frame (Dead End) | 65 ft | No | Segment A (Map 22) |
| P42 | Install | 230-kV Steel Cable Pole (Dead End) | 165 ft | No | Segment C (Maps 26 and 27) |
| P43 | Install | 230-kV Tubular Steel Pole (Dead End) | 145 ft | No | Segment C (Map 31) |
| P44 | Install | 69-kV Tubular Steel Pole (Dead End) | 100 ft | No | Segment D (Map 31) |
| P45 | Install | 69-kV Tubular Steel Pole (Dead End) | 95 ft | No | Segment D (Map 31) |
| P46 | Install | 69-kV Tubular Steel Pole (Tangent) | 80 ft | No | Segment D (Map 32) |
| P47 | Install | 69-kV Tubular Steel Pole (Dead End) | 90 ft | No | Segment D (Map 32) |
| P48 | Install | 69-kV Tubular Steel Pole (Tangent) | 95 ft | No | Segment D (Map 32) |
| P49 | Install | 69-kV Tubular Steel Pole (Tangent) | 100 ft | No | Segment D (Map 33) |
| P50 | Install | 69-kV Tubular Steel Pole (Tangent) | 110 ft | No | Segment D (Map 33) |
| P51 | Install | 69-kV Tubular Steel Pole (Tangent) | 85 ft | No | Segment D (Map 33) |
| P52 | Install | 69-kV Tubular Steel Pole (Tangent) | 115 ft | No | Segment D (Maps 33 and 34) |
| P53 | Install | 69-kV Tubular Steel Pole (Tangent) | 105 ft | No | Segment D (Map 34) |
| P54 | Install | 69-kV Tubular Steel Pole (Tangent) | 100 ft | No | Segment D (Map 34) |
| P55 | Install | 69-kV Tubular Steel Pole (Dead End) | 100 ft | No | Segment D (Map 35) |
| P56 | Install | 69-kV Tubular Steel Pole (Tangent) | 105 ft | No | Segment D (Map 35) |
| P57 | Install | 69-kV Tubular Steel Pole (Tangent) | 120 ft | No | Segment D (Map 35) |
| P58 | Install | 69-kV Tubular Steel Pole (Tangent) | 105 ft | No | Segment D (Map 36) |
| P59 | Install | 69-kV Tubular Steel Pole (Dead End) | 75 ft | No | Segment D (Map 36) |
| P59A | Install | 69-kV Tubular Steel Pole (Dead End) | 65 ft | No | Segment D (Map 36) |

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| Structure ID | Proposed Action | Structure Details | Height ¹ | Aviation Lighting | Project Area and Detail Map Number(s) ² |
|--------------|------------------|---------------------------------------|---------------------|-------------------|--|
| P60 | Install | 69-kV Steel Cable Pole (Dead End) | 70 ft | No | Segment D (Map 36) |
| P61 | Install | 69-kV Steel Cable Pole (Dead End) | 70 ft | No | Segment D (Map 36) |
| E1A | Utilize In Place | 230-kV Steel Lattice Tower (Dead End) | 140 ft | No | Segment A (Maps 4 and 5) |
| E1 | Utilize In Place | 230-kV Tubular Steel Pole (Dead End) | 140 ft | No | Segment A (Map 4) |
| E2 | Utilize In Place | 230-kV Tubular Steel Pole (Dead End) | 140 ft | Yes | Segment A (Map 4) |
| E3 | Utilize In Place | 230-kV Tubular Steel Pole (Dead End) | 140 ft | Yes | Segment A (Map 4) |
| E4 | Utilize In Place | 230-kV Steel Lattice Tower (Dead End) | 132 ft | No | Segment C (Map 27) |
| E5 | Utilize In Place | 230-kV Steel Lattice Tower (Tangent) | 127 ft | No | Segment C (Map 27) |
| E6 | Utilize In Place | 230-kV Steel Lattice Tower (Tangent) | 137 ft | No | Segment C (Map 28) |
| E7 | Utilize In Place | 230-kV Steel Lattice Tower (Dead End) | 141 ft | No | Segment C (Map 28) |
| E8 | Utilize In Place | 230-kV Steel Lattice Tower (Tangent) | 132 ft | No | Segment C (Map 29) |
| E9 | Utilize In Place | 230-kV Steel Lattice Tower (Tangent) | 107 ft | No | Segment C (Map 29) |
| E10 | Utilize In Place | 230-kV Steel Lattice Tower (Tangent) | 107 ft | No | Segment C (Map 30) |
| E11 | Utilize In Place | 230-kV Steel Lattice Tower (Tangent) | 97 ft | No | Segment C (Map 30) |

APPENDIX B: PROJECT STRUCTURE DETAILS

| Structure ID | Proposed Action | Structure Details | Height ¹ | Aviation Lighting | Project Area and Detail Map Number(s) ² |
|--------------|------------------|---------------------------------------|---------------------|-------------------|--|
| E12 | Utilize In Place | 230-kV Steel Lattice Tower (Tangent) | 112 ft | No | Segment C (Map 30) |
| E13 | Utilize In Place | 230-kV Steel Lattice Tower (Tangent) | 142 ft | No | Segment C (Map 31) |
| E14 | Utilize In Place | 230-kV Steel Lattice Tower (Dead End) | 98 ft | No | Segment D (Map 31) |
| E15 | Utilize In Place | 230-kV Steel Lattice Tower (Tangent) | 102 ft | No | Segment D (Map 32) |
| E16 | Utilize In Place | 230-kV Steel Lattice Tower (Dead End) | 143 ft | No | Segment D (Map 32) |
| E17 | Utilize In Place | 230-kV Steel Lattice Tower (Tangent) | 107 ft | No | Segment D (Map 32) |
| E18 | Utilize In Place | 230-kV Steel Lattice Tower (Tangent) | 122 ft | No | Segment D (Map 33) |
| E19 | Utilize In Place | 230-kV Steel Lattice Tower (Tangent) | 122 ft | No | Segment D (Map 33) |
| E20 | Utilize In Place | 230-kV Steel Lattice Tower (Tangent) | 124 ft | No | Segment D (Map 33) |
| E21 | Utilize In Place | 230-kV Steel Lattice Tower (Tangent) | 112 ft | No | Segment D (Maps 33 and 34) |
| E22 | Utilize In Place | 230-kV Steel Lattice Tower (Tangent) | 111 ft | No | Segment D (Map 34) |
| E23 | Utilize In Place | 230-kV Steel Lattice Tower (Tangent) | 115 ft | No | Segment D (Map 34) |
| E24 | Utilize In Place | 230-kV Steel Lattice Tower (Dead End) | 143 ft | No | Segment D (Map 35) |

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| Structure ID | Proposed Action | Structure Details | Height ¹ | Aviation Lighting | Project Area and Detail Map Number(s) ² |
|--------------|------------------|---------------------------------------|---------------------|-------------------|---|
| E25 | Utilize In Place | 230-kV Steel Lattice Tower (Tangent) | 127 ft | No | Segment D (Map 35) |
| E26 | Utilize In Place | 230-kV Steel Lattice Tower (Tangent) | 122 ft | No | Segment D (Map 35) |
| E27 | Utilize In Place | 230-kV Steel Lattice Tower (Tangent) | 132 ft | No | Segment D (Map 36) |
| E28 | Utilize In Place | 230-kV Steel Lattice Tower (Dead End) | 111 ft | No | Segment D (Map 36) |
| E29 | Utilize In Place | 230-kV Tubular Steel Pole (Dead End) | 131 ft | No | Segment D (Map 36) |
| E30 | Utilize In Place | 230-kV Steel Lattice Tower (Dead End) | 110 ft | No | Mission-San Luis Rey Phase Transposition (North) (Map 39) |
| E31 | Utilize In Place | 230-kV Wood H-Frame (Dead End) | 55 ft | No | Mission-San Luis Rey Phase Transposition (North) (Map 39) |
| E32 | Utilize In Place | 230-kV Wood H-Frame (Dead End) | 52 ft | No | Mission-San Luis Rey Phase Transposition (South) (Map 40) |
| E33 | Utilize In Place | 230-kV Steel Lattice Tower (Tangent) | 137 ft | No | Mission-San Luis Rey Phase Transposition (South) (Map 40) |
| E34 | Utilize In Place | 230-kV Steel Lattice Tower (Dead End) | 132 ft | No | Encina Hub (Map 38) |
| E35 | Utilize In Place | 230-kV Steel Lattice Tower (Tangent) | 144 ft | No | Encina Hub (Map 37) |
| E36 | Utilize In Place | 230-kV Steel Lattice Tower (Dead End) | 106 ft | No | Encina Hub (Map 37) |
| E37 | Utilize In Place | 230-kV Steel Lattice Tower (Dead End) | 147 ft | No | Encina Hub (Map 37) |

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| Structure ID | Proposed Action | Structure Details | Height ¹ | Aviation Lighting | Project Area and Detail Map Number(s) ² |
|--------------|------------------|--------------------------------------|---------------------|-------------------|--|
| E38 | Utilize In Place | 230-kV Tubular Steel Pole (Dead End) | 155 ft | No | Encina Hub (Map 37) |
| T1 | Top | 69-kV Wood Monopole | 42 ft | No | Segment A (Maps 4 and 6) |
| T2 | Top | 138-kV Wood H-Frame | 33 ft | No | Segment A (Map 19) |
| T3 | Top | 138-kV Wood H-Frame | 38 ft | No | Segment A (Map 19) |
| T4 | Top | 138-kV Steel H-Frame | 54 ft | No | Segment A (Map 20) |
| T5 | Top | 138-kV Wood H-Frame | 35 ft | No | Segment A (Maps 20 and 21) |
| T6 | Top | 138-kV Wood H-Frame | 39 ft | No | Segment A (Map 21) |
| T7 | Top | 138-kV Wood H-Frame | 53 ft | No | Segment A (Map 21) |
| R1 | Remove | 138-kV Steel Cable Pole | 95 ft | N/A | Segment A (Map 4) |
| R2 | Remove | 138-kV Wood Monopole | 70 ft | N/A | Segment A (Maps 4 and 6) |
| R3 | Remove | 138-kV Wood Monopole | 75 ft | N/A | Segment A (Maps 3, 4, and 6) |
| R4 | Remove | 138-kV Wood H-Frame | 75 ft | N/A | Segment A (Map 6) |
| R5 | Remove | 138-kV Wood H-Frame | 55 ft | N/A | Segment A (Map 7) |
| R6 | Remove | 138-kV Wood H-Frame | 72 ft | N/A | Segment A (Map 7) |
| R7 | Remove | 138-kV Wood H-Frame | 60 ft | N/A | Segment A (Maps 7 and 8) |
| R8 | Remove | 138-kV Wood H-Frame | 55 ft | N/A | Segment A (Map 8) |
| R9 | Remove | 138-kV Wood H-Frame | 55 ft | N/A | Segment A (Map 8) |
| R10 | Remove | 138-kV Wood H-Frame | 55 ft | N/A | Segment A (Map 9) |
| R11 | Remove | 138-kV Wood H-Frame | 65 ft | N/A | Segment A (Map 9) |
| R12 | Remove | 138-kV Wood H-Frame | 57 ft | N/A | Segment A (Map 10) |
| R13 | Remove | 138-kV Wood H-Frame | 65 ft | N/A | Segment A (Map 10) |

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| Structure ID | Proposed Action | Structure Details | Height ¹ | Aviation Lighting | Project Area and Detail Map Number(s) ² |
|--------------|-----------------|---------------------------|---------------------|-------------------|--|
| R14 | Remove | 138-kV Wood H-Frame | 70 ft | N/A | Segment A (Map 10) |
| R15 | Remove | 138-kV Wood H-Frame | 58 ft | N/A | Segment A (Map 11) |
| R16 | Remove | 138-kV Wood H-Frame | 80 ft | N/A | Segment A (Map 11) |
| R17 | Remove | 138-kV Wood H-Frame | 82 ft | N/A | Segment A (Map 11) |
| R18 | Remove | 138-kV Wood H-Frame | 82 ft | N/A | Segment A (Map 11) |
| R19 | Remove | 138-kV Wood H-Frame | 60 ft | N/A | Segment A (Maps 11 and 12) |
| R20 | Remove | 138-kV Wood H-Frame | 55 ft | N/A | Segment A (Map 12) |
| R21 | Remove | 138-kV Wood H-Frame | 53 ft | N/A | Segment A (Map 12) |
| R22 | Remove | 138-kV Wood H-Frame | 47 ft | N/A | Segment A (Map 12) |
| R23 | Remove | 138-kV Wood H-Frame | 60 ft | N/A | Segment A (Map 12) |
| R24 | Remove | 138-kV Wood H-Frame | 50 ft | N/A | Segment A (Map 12) |
| R25 | Remove | 138-kV Wood H-Frame | 50 ft | N/A | Segment A (Maps 12, 13, and 14) |
| R26 | Remove | 138-kV Wood H-Frame | 105 ft | N/A | Segment A (Map 13) |
| R26 | Remove | 138-kV Wood H-Frame | 105 ft | N/A | Segment A (Map 14) |
| R27 | Remove | 138-kV Wood H-Frame | 70 ft | N/A | Segment A (Map 14) |
| R28 | Remove | 138-kV Wood H-Frame | 68 ft | N/A | Segment A (Map 15) |
| R29 | Remove | 138-kV Wood H-Frame | 80 ft | N/A | Segment A (Map 15) |
| R30 | Remove | 138-kV Wood H-Frame | 60 ft | N/A | Segment A (Map 16) |
| R31 | Remove | 138-kV Wood H-Frame | 50 ft | N/A | Segment A (Map 16) |
| R32 | Remove | 138-kV Tubular Steel Pole | 90 ft | N/A | Segment A (Map 16) |
| R33 | Remove | 138-kV Tubular Steel Pole | 90 ft | N/A | Segment A (Map 16) |
| R34 | Remove | 138-kV Wood H-Frame | 64 ft | N/A | Segment A (Map 16) |

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| Structure ID | Proposed Action | Structure Details | Height ¹ | Aviation Lighting | Project Area and Detail Map Number(s) ² |
|--------------|-----------------|----------------------------|---------------------|-------------------|--|
| R35 | Remove | 138-kV Wood H-Frame | 58 ft | N/A | Segment A (Map 17) |
| R36 | Remove | 138-kV Wood H-Frame | 58 ft | N/A | Segment A (Map 17) |
| R37 | Remove | 138-kV Wood H-Frame | 50 ft | N/A | Segment A (Map 17) |
| R38 | Remove | 138-kV Wood H-Frame | 63 ft | N/A | Segment A (Map 18) |
| R39 | Remove | 138-kV Wood H-Frame | 70 ft | N/A | Segment A (Map 18) |
| R40 | Remove | 138-kV Wood H-Frame | 70 ft | N/A | Segment A (Map 18) |
| R41 | Remove | 138-kV Wood H-Frame | 70 ft | N/A | Segment A (Map 19) |
| R42 | Remove | 138-kV Wood H-Frame | 70 ft | N/A | Segment A (Map 19) |
| R43 | Remove | 138-kV Wood H-Frame | 55 ft | N/A | Segment A (Map 19) |
| R44 | Remove | 138-kV Steel H-Frame | 83 ft | N/A | Segment A (Map 22) |
| R45 | Remove | 230-kV Steel Lattice Tower | 127 ft | N/A | Segment C (Maps 26 and 27) |
| R46 | Remove | 230-kV Steel Lattice Tower | 137 ft | N/A | Segment C (Map 31) |
| R47 | Remove | 69-kV Wood Monopole | 60 ft | N/A | Segment C (Map 31) |
| R48 | Remove | 69-kV Wood Monopole | 61 ft | N/A | Segment C (Map 31) |
| R49 | Remove | 69-kV Wood Monopole | 55 ft | N/A | Segment D (Map 31) |
| R49A | Remove | 138-kV Steel H-Frame | 55 ft | N/A | Segment D (Map 31) |
| R50 | Remove | 69-kV Wood Monopole | 70 ft | N/A | Segment D (Map 31) |
| R51 | Remove | 69-kV Wood Monopole | 61 ft | N/A | Segment D (Map 31) |
| R52 | Remove | 69-kV Wood H-Frame | 70 ft | N/A | Segment D (Map 32) |
| R53 | Remove | 69-kV Wood H-Frame | 74.5 ft | N/A | Segment D (Map 32) |
| R54 | Remove | 69-kV Wood H-Frame | 70 ft | N/A | Segment D (Map 32) |
| R55 | Remove | 69-kV Wood H-Frame | 74.5 ft | N/A | Segment D (Map 33) |

APPENDIX B: PROJECT STRUCTURE DETAILS

| Structure ID | Proposed Action | Structure Details | Height ¹ | Aviation Lighting | Project Area and Detail Map Number(s) ² |
|--------------|-----------------|-----------------------|---------------------|-------------------|--|
| R56 | Remove | 69-kV Wood H-Frame | 79 ft | N/A | Segment D (Map 33) |
| R57 | Remove | 69-kV Wood H-Frame | 70 ft | N/A | Segment D (Map 33) |
| R58 | Remove | 69-kV Wood H-Frame | 61 ft | N/A | Segment D (Maps 33 and 34) |
| R59 | Remove | 69-kV Wood H-Frame | 65.5 ft | N/A | Segment D (Map 34) |
| R60 | Remove | 69-kV Wood H-Frame | 74.5 ft | N/A | Segment D (Map 34) |
| R61 | Remove | 69-kV Wood H-Frame | 70 ft | N/A | Segment D (Map 34) |
| R62 | Remove | 69-kV Wood H-Frame | 70 ft | N/A | Segment D (Map 35) |
| R63 | Remove | 69-kV Wood H-Frame | 70 ft | N/A | Segment D (Map 35) |
| R64 | Remove | 69-kV Wood H-Frame | 70 ft | N/A | Segment D (Map 35) |
| R65 | Remove | 69-kV Wood H-Frame | 70 ft | N/A | Segment D (Map 35) |
| R66 | Remove | 69-kV Wood H-Frame | 65.5 ft | N/A | Segment D (Map 36) |
| R67 | Remove | 69-kV Wood Cable Pole | 65.5 ft | N/A | Segment D (Map 36) |
| R68 | Remove | 69-kV Wood Cable Pole | 60 ft | N/A | Segment D (Map 36) |
| R69 | Remove | 69-kV Wood Monopole | 55 ft | N/A | Segment D (Map 36) |

Notes:

¹ Exact pole heights and locations may vary depending on field conditions.

² Refer to Appendix A: Proposed Project Detail Maps for structure locations. Map numbers in this table correspond to the map book pages in Appendix A.