BEFORE THE PUBLIC UTILITIES COMMISSION OF THE

STATE OF CALIFORNIA

In the Matter of the Application of SOUTHERN CALIFORNIA EDISON COMPANY (U 338-E) for a Permit to Construct Electrical Facilities With Voltages Between 50kV and 200 kV: Ivanpah-Control Project.	Application No. 19-07-xxx

APPLICATION OF SOUTHERN CALIFORNIA EDISON COMPANY (U 338-E) FOR A PERMIT TO CONSTRUCT ELECTRICAL FACILITIES WITH VOLTAGES BETWEEN 50KV AND 200 KV: IVANPAH-CONTROL PROJECT

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I.

INTRODUCTION

Pursuant to California Public Utilities Commission ("Commission" or "CPUC"), General Order 131-D ("G.O. 131-D"), Southern California Edison Company ("SCE") respectfully submits this application (Application) for a permit to construct ("PTC") authorizing SCE to construct the proposed project known as the Ivanpah-Control Project ("IC Project"). The purpose of the IC Project is to remediate physical clearance discrepancies identified on some of SCE's existing 115 kilovolt (kV) subtransmission lines.[1]

[1] SCE identifies electrical lines operated at voltages between 50 kilovolts (kV) and 200 kV as subtransmission lines or subtransmission circuits. Electrical lines operated at voltages greater than 200 kV are identified as transmission lines.

CPUC General Order 95 ("G.O. 95") Rules 37 through 39 specify minimum vertical and horizontal clearances that must be maintained between an electrical conductor and other conductors, or between a conductor and the ground, buildings, and a variety of other objects.

In 2006, SCE identified discrepancies along many of its circuits where minimum clearances are not being met compared to what is required by GO 95. In response, SCE established its Transmission Line Rating Remediation ("TLRR") Program. The TLRR Program is focused on developing and implementing engineering solutions for each identified discrepancy, and thereby bringing the circuits into compliance with CPUC G.O. 95 by meeting the California Independent System Operator ("CAISO") 2008 ampere rating registry. SCE is planning to remediate all discrepancies on its bulk electric system facilities by 2025 and to fix all discrepancies on its 66 kV and 115 kV radial lines by 2030. Pursuant to the TLRR Program, SCE identified approximately 2,950 discrepancies along the following 115 kV subtransmission line circuits, among others:

- Control-Haiwee-Inyokern
- Control-Coso-Haiwee-Inyokern
- Kramer-Inyokern Randsburg No. 1
- Coolwater - Kramer
- Kramer-Tortilla
- Coolwater-SEGS2-Tortilla
- Ivanpah-Baker-Coolwater-Dunn Siding-Mountain Pass

These circuits are located in portions of unincorporated Inyo County, Kern County, and San Bernardino County, and within the City of Barstow, and the remediation of discrepancies along these specific circuits constitutes the scope of the IC Project. Because all of these circuits are 115 kV rated and also a part of the bulk transmission system, they are expected to be corrected by 2025.

As discussed in greater detail in the Proponent's Environmental Assessment ("PEA") submitted in conjunction with this Application, SCE has identified a variety of ways to accomplish the IC Project. For purposes of a conservative and complete analysis of all potential environmental impacts associated with the IC Project, the PEA filed with this Application describes and analyzes the

environmental impacts associated with a scope of work that would involve the complete rebuild of existing SCE facilities along five subtransmission line segments spanning 358 miles between Ivanpah Substation and SCE's Control Substation (which have been identified for purposes of the IC Project as Segment 1, Segment 2, Segment 3 North or "3N", Segment 3 South or "3S" and Segment 4). This complete rebuild scope is identified as the "Full Rebuild Concept" in the PEA.

In addition, during the PEA preparation process, SCE identified a number of potential alternatives to the Full Rebuild Concept and assessed them for feasibility and potential environmental impacts. As a result of that effort, and as discussed more fully in the PEA, SCE identified "Alternative E" as an alternative that would accomplish most of the IC Project objectives with fewer environmental impacts compared to the Full Rebuild Concept, and on that basis SCE respectfully requests approval of a PTC authorizing SCE to implement Alternative E. Alternative E consists of the following major components:

- Rebuild of Segment 1;
- Rebuild of Segment 2;
- Derating of Segment 3N, with remediation of any individual discrepancies that might remain even after derating;
- Rebuild of Segment 3S as a double-circuit pole line; and
- Derating of Segment 4, with remediation of any individual discrepancies that might remain even after derating.

Alternative E represents a reduction in physical work scope compared to the Full Rebuild Concept. The primary difference is that whereas the Full Rebuild Concept would involve full rebuilds of each and every segment of the IC Project, Alternative E would avoid some of that rebuild by "derating" (*i.e.*, reducing the amount of current that wires are allowed to carry) conductors in Segment 3N and Segment 4. Derating lines would reduce some conductor sag even without additional physical work, and would thereby alleviate many of the individual discrepancies in those segments. Some individual discrepancies would still have to be separately remediated, but those would be significantly fewer in number than under the Full Rebuild Concept.

II.

BACKGROUND AND SUMMARY OF REQUEST

As described further in PEA *Chapter 2 – Project Purpose and Need and Objectives*, the IC Project is being proposed to meet the following objectives:

- Ensure compliance with CPUC General Order 95 and North American Electric Reliability Corporation (NERC) Facility Ratings for the components associated with the IC Project by 2025.
- Continue to provide safe and reliable electrical service.
- Meet IC Project needs while minimizing environmental impacts.
- Design and construct the physical components of the IC Project in conformance with industry and/or SCE's approved engineering, design, and construction standards for substation and subtransmission system projects.

The IC Project contains five distinct Segments:

- Segment 1 includes the Control-Coso-Haiwee-Inyokern 115 kV circuit and the Control-Haiwee-Inyokern 115 kV circuit. Segment 1 spans approximately 126 miles from the existing Control Substation in the north to the existing Inyokern Substation in the south.
- Segment 2 includes the Kramer-Inyokern-Randsburg No.1 115 kV circuit. This is a 'box loop' circuit, whereby two sets of conductors (six wires) are operated as a single circuit. Segment 2 spans approximately 48 miles from the existing Inyokern Substation in the north to the existing Kramer Substation in the south and includes the existing Randsburg Substation between the two.
- Segment 3N includes the Kramer-Coolwater 115 kV circuit. Segment 3N spans approximately 44 miles from the existing Kramer Substation in the west to the existing Coolwater Substation in the east.
- Segment 3S includes the Kramer-Tortilla 115 kV circuit and a portion of the Coolwater-SEGS2-Tortilla 115 kV circuit. Segment 3S spans approximately 44 miles from the existing Kramer Substation in the west to the existing Coolwater Substation in the east and includes the existing Tortilla Substation between the two.
- Segment 4 includes the Ivanpah-Baker-Coolwater-Dunn Siding-Mountain Pass 115 kV circuit. Segment 4 spans approximately 96 miles from the existing Coolwater Substation in the west to the existing Ivanpah Substation in the east, and includes the existing Dunn Siding, Baker, and Mountain Pass substations between the two.

As presented in PEA Chapter 5, six types of specific corrective actions through which discrepancies may be remediated have been analyzed: 1) Rebuild; 2) Decommission and Remove; 3) Operating Voltage Increase; 4) Energy Storage; 5) Derate Only; and 6) Derate and Remediate Remaining G.O. 95 Discrepancies. Based on the results of the feasibility of each corrective action for each IC Project segment, six comprehensive Project Alternatives were developed. These six alternatives do not correspond directly to the six types of corrective actions, but rather, as described further in PEA Chapter 5, incorporate various components or some of the six corrective action types, sometimes in combinations. In addition, as described further in the PEA, SCE continues to develop and evaluate alternatives and corrective action strategies beyond those discussed in the PEA. SCE expects to supplement the PEA with an additional report regarding the potential feasibility and environmental impacts associated with such additional alternatives.

As part of its evaluation of potential alternatives, SCE engaged in discussions with the CAISO regarding the viability of some of the comprehensive Project Alternatives. In particular, SCE requested that the CAISO line rating for certain circuits be lowered (*i.e.,* derated) with certain upgrades; that is, SCE requested that these circuits operate at a reduced amperage. Operating these circuits at a lower amperage will reduce the maximum operating temperature at which the conductors that comprise these circuits operate. The reduction in the operating temperature will cause the conductors to sag less; that is, the distance between the ground and the conductor will be increased. The reduction in sag will, in and of itself, allow for a reduced scope of work.

SCE originally anticipated that CAISO would complete its review of SCE's derating request early in the second quarter of 2019, after SCE's planned submission of a PTC Application for the IC Project. In order to not delay the CPUC's analysis and permitting processes, SCE developed the PEA to describe the Full Rebuild Concept to capture and analyze the impacts most-comprehensive scope of work that could be employed to remediate discrepancies along the circuits included under the IC

Project.[2] Late in the first quarter of 2019, SCE received the results of the CAISO review: the CAISO review did not identify any concerns regarding the suitability of derating as a means to remediate discrepancies in Segment 3N, 3S, or 4. As a result, SCE incorporated derating as a corrective action into several comprehensive Alternatives described in Chapter 5 of the PEA, namely comprehensive Alternatives C, D, and E. Based on the analysis of those alternatives (and others) in the PEA, SCE has identified Alternative E as its proposed project. In particular, Alternative E includes the following components:

- **Subtransmission, Rebuild** – Rebuild 218 miles of existing 115 kilovolt (kV) subtransmission circuits in Segments 1, 2, and 3S by:

[2] The Full Rebuild Concept consists of the following major components:

- **Subtransmission, Rebuild** – Rebuild 358 miles of existing 115 kilovolt (kV) subtransmission circuits by:
  - Removing existing subtransmission towers and poles and replacing them with tubular steel poles (TSPs), lightweight steel (LWS) poles, LWS pole H-frames, and multi-pole TSP and LWS pole structures.
  - Removing existing conductor and installing new Aluminum Conductor Composite Core (ACCC) 'Dove' conductor on replacement structures.
  - Installing overhead groundwire (OHGW) in some locations for system protection.
- **Distribution**
  - Remove existing distribution conductor and appurtenances and install new distribution conductor and appurtenances on replacement structures.
- **Telecommunications/System Protection**
  - Install approximately 360 miles of optical groundwire (OPGW) and/or All-Dielectric Self-Supporting (ADSS) fiber optic cable overhead on replacement structures and new structures.
  - Install approximately 2,500 feet of fiber optic cable underground within existing substations, and approximately 5,000 feet underground outside of existing substations.
  - Install system protection and telecommunications-associated equipment at existing substations.
- **Substations**
  - Disconnect existing conductor from existing positions at substations and connect new conductor to those existing positions.
  - Install new OHGW and make minor modifications to the existing racks to accommodate the new OHGW.
  - Install cabling between existing breakers to the existing mechanical electrical equipment room (MEER)/communication room/telecommunications cabinet and install new relay and protection racks in the existing MEER/communication room/telecommunications cabinet.

- Removing existing subtransmission towers and poles and replacing them with tubular steel poles (TSPs), lightweight steel (LWS) poles, LWS pole H-frames, and multi-pole TSP and LWS pole structures.
- Removing existing conductor and installing new Aluminum Conductor Composite Core (ACCC) 'Dove' conductor on replacement structures.
- Installing overhead groundwire (OHGW) in some locations for system protection.
- Installing a double-circuit pole line in Segment 3S.

- **Subtransmission, Derating and Remediating, Segment 3N** – Derate the approximately 44 miles of existing 115 kV subtransmission circuits in Segment 3N by:
  - Remediating 163 discrepancies by replacing 108 existing structures with a combination of 108 new LWS poles, LWS H-frames, and TSPs.

- **Subtransmission, Derating and Remediating, Segment 4** – Derate the approximately 96 miles of existing 115 kV subtransmission circuits in Segment 4 by:
  - Remediating 74 discrepancies by installing 2 new LWS H-frames and replacing 61 existing structures with 59 LWS H-frames and 2 TSP H-frames

- **Distribution**
  - Remove existing distribution conductor and appurtenances and install new distribution conductor and appurtenances on replacement structures.

- **Telecommunications/System Protection**
  - Install approximately 218 miles of optical groundwire (OPGW) and/or All-Dielectric Self-Supporting (ADSS) fiber optic cable overhead on replacement structures and new structures in Segments 1, 2, and 3S.
  - Install approximately 1,590 feet of fiber optic cable underground within existing substations, and approximately 3,200 feet underground outside of existing substations.
  - Install system protection and telecommunications-associated equipment at existing substations.

- **Substations**
  - Install a new 115/33/12 kV Ring-Bus at Baker Substation
  - Provide new 115 kV line position at Kramer Substation for the new Coolwater-Kramer No.2 115 kV circuit
  - Provide new 115 kV line position at Coolwater Substation for the new Coolwater-Kramer No.2 115 kV circuit
  - Disconnect existing conductor from existing positions at substations and connect new conductor to those existing positions.
  - Install new OHGW and make minor modifications to the existing racks to accommodate the new OHGW.
  - Install cabling between existing breakers to the existing mechanical electrical equipment room (MEER)/communication room/telecommunications cabinet and install new relay and protection racks in the existing MEER/communication room/telecommunications cabinet.[3]

[3] PEA Figures 5.2-7 and 5.2-9 show the electrical system topology in the Alternative E scope for Segment 3S and Segment 4.

As described further in Chapter 5 of the PEA, Alternative E represents a reduction in the number facilities to be rebuilt compared to the Full Rebuild Concept.

The estimated cost of Alternative E is approximately $643 million in 2019 constant dollars.[4] The PEA prepared for the IC Project, including an analysis of the broadest scope of work necessary to accomplish the IC Project's objectives (*i.e.,* the Full Rebuild Concept), is attached to this Application. The PEA will be referenced in this Application, where appropriate, as the source of information required in an Application for a PTC[5] pursuant to G.O. 131-D, Section IX.B. A summary of the IC Project's purpose, need, and objectives is located in Chapter 2 of the PEA. A complete description of the Full Rebuild Concept, provided for bounding purposes, is located in Chapter 3 of the PEA.

Construction of the IC Project is scheduled to begin in 3rd quarter 2022 and scheduled to be completed by 2nd quarter 2025. A detailed schedule for the IC Project is included in this Application as APPENDIX C.

SCE requests that the Commission, upon completion of its review of this Application, issue and certify an appropriate environmental document and issue a PTC authorizing SCE to construct the IC Project (in particular, Alternative E) as set forth in this Application and the attached PEA within the timelines set forth in Section III.H of this Application.

III.

STATUTORY AND PROCEDURAL REQUIREMENTS

A. Applicant

The applicant is Southern California Edison Company (SCE), an electric public utility company organized and existing under the laws of the State of California. SCE's principal place of business is 2244 Walnut Grove Avenue, Post Office Box 800, Rosemead, California 91770. Please address correspondence or communications in regard to this Application to:

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[4] This is a conceptual estimate, prepared in advance of final engineering and prior to CPUC approval. Pension and benefits, administrative and general expenses, and allowance for funds during construction are not included in these estimates.

[5] Other required information for a PTC application (*e.g.* Balance Sheet, Articles of Incorporation, *etc.*) is contained in this Application or its appendices.

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B. Articles of Incorporation

A copy of SCE's Certificate of Restated Articles of Incorporation, effective on March 2, 2006, and presently in effect, certified by the California Secretary of State, was filed with the Commission on March 14, 2006, in connection with Application No. 06-03-020, and is incorporated herein by this reference pursuant to Rule 2.2 of the Commission's Rules of Practice and Procedure.

A copy of SCE's Certificate of Determination of Preferences of the Series D Preference Stock filed with the California Secretary of State on March 7, 2011, and presently in effect, certified by the California Secretary of State, was filed with the Commission on April 1, 2011, in connection with Application No. 11-04-001, as is incorporated herein by this reference.

A copy of SCE's Certificate of Determination of Preferences of the Series E Preference Stock filed with the California Secretary of State on January 12, 2012, and a copy of SCE's Certificate of Increase of Authorized Shares of the Series E Preference Stock filed with the California Secretary of State on January 31, 2012, and presently in effect, certified by the California Secretary of State, were filed with the Commission on March 5, 2012, in connection with application No. 12-03-004, and are incorporated herein by this reference.

A copy of SCE's Certificate of Determination of Preferences of the Series F Preference Stock filed with the California Secretary of State on May 5, 2012, and presently in effect, certified by the California Secretary of State, was filed with the Commission on June 29, 2012, in connection with Application 12-06-017, and is by reference made a part hereof.

A copy of SCE's Certificate of Determination of Preferences of the Series G Preference Stock filed with the Secretary of State on January 24, 2013, and presently in effect, certified by the California Secretary of State, was filed with the Commission on January 31, 2013, in connection with Application No. 13-01-016, and is by reference made a part hereof.

A copy of SCE's Certificate of Determination of Preferences of the Series H Preference Stock filed with the California Secretary of State on February 28, 2014, and presently in effect, certified by the California Secretary of State, was filed with the Commission on March 24, 2014, in connection with Application 14-03-013, and is by reference made a part hereof.

A copy of SCE's Certificate of Determination of Preferences of the Series J Preference Stock filed with the California Secretary of State on August 19, 2015, and presently in effect, certified by the California Secretary of State, was filed with the Commission on October 2, 2015, in connection with Application No. 15-10-001, and is by reference made a part hereof.

A copy of SCE's Certificate of Determination of Preferences of the Series K Preference Stock, filed with the California Secretary of State on March 2, 2016, and presently in effect, certified by the California Secretary of State, was filed with the Commission on April 1, 2016, in connection with Application No. 16-14-001, and is by reference made a part hereof.

A copy of SCE's Certificate of Determination of Preferences of the Series L Preference Stock filed with the California Secretary of State on June 20, 2017, and presently in effect, certified by the California Secretary of State, was filed with the Commission on June 30, 2017, in connection with Application No. 17-06-030, and is incorporated herein by this reference.

Certain classes and series of SCE's capital stock are listed on a "national securities exchange" as defined in the Securities Exchange Act of 1934, and copies of SCE's latest Annual Report to Shareholders and its latest proxy statement sent to its shareholders has been filed with the Commission

with a letter of transmittal dated March 18, 2019, pursuant to Commission General Order Nos. 65-A and 104-A.

C. Balance Sheet and Statement of Income

APPENDIX A to this Application contains copies of SCE's balance sheet and statement of income for the period ending March 31, 2019. The balance sheet reflects SCE's utility plant at original cost, less accumulated depreciation.

Since 1954, pursuant to Commission Decision No. 49665 dated February 16, 1954, in Application No. 33952, as modified by Decision No. 91799 in 1980, SCE has utilized straightline remaining life depreciation for computing depreciation expense for accounting and ratemaking purposes in connection with its operations.

Pursuant to Commission Decision No. 59926, dated April 12, 1960, SCE uses accelerated depreciation for income tax purposes and "flows through" reductions in income tax to customers within the Commission's jurisdiction for property placed in service prior to 1981. Consistent with Decision No. 93848 in OII-24, SCE uses the Accelerated Cost Recovery System (ACRS) and Modified Accelerated Cost Recovery System (MACRS) for federal income tax purposes and "normalizes" reductions in income tax to customers for property placed in service after 1980 in compliance with the Economic Recovery Tax Act of 1981, and also in compliance with the Tax Reform Act of 1986. Pursuant to Decision No. 88-01-061, dated January 28, 1988, SCE uses a gross of tax interest rate in calculating the AFUDC Rate, and income tax normalization to account for the increased income tax expense occasioned by the Tax Relief Act of 1986 provisions requiring capitalization of interest during construction for income tax purposes.

D. Description of Southern California Edison Company

SCE is a corporation organized and existing under the laws of the State of California, and is primarily engaged in the business of generating, purchasing, transmitting, distributing and selling electric energy for light, heat and power in portions of central and southern California as a public utility subject to the jurisdiction of the California Public Utilities Commission. SCE's properties, which are located primarily within the State of California, consist mainly of hydroelectric and thermal

electric generating plants, together with transmission and distribution lines and other property necessary in connection with its business.

E. Service Territory

SCE's service territory is located in 15 counties in central and southern California, consisting of Fresno, Imperial, Inyo, Kern, Kings, Los Angeles, Madera, Mono, Orange, Riverside, Santa Barbara, San Bernardino, Tulare, Tuolumne,[6] and Ventura Counties, and includes approximately 201 incorporated communities as well as outlying rural territories. A list of the counties and municipalities served by SCE is attached hereto as APPENDIX B. SCE also supplies electricity to certain customers for resale under tariffs filed with the Federal Energy Regulatory Commission.

F. Location of Items Required in Permit to Construct Pursuant to G.O. 131-D Section IX.B

Much of the information required to be included in a PTC application pursuant to G.O. 131-D, Section IX.B is found in the IC Project PEA filed with this Application.

Required PTC application information has been cross-referenced to the in the following text. The PTC application requirements of G.O. 131-D, Section IX.B are in ***bold italics***, and the PEA references follow in bulleted plain text.

1. ***A description of the proposed power line or substation facilities, including the proposed power line route; proposed power line equipment, such as tower design and appearance, heights, conductor sizes, voltages, capacities, substations, switchyards, etc., and a proposed schedule for authorization, construction, and commencement of operation of the facilities.***

- Descriptions of the IC Project, including the Full Rebuild Concept, are found throughout the PEA, including in Chapter 1, Chapter 2, Chapter 3, Chapter 4. Descriptions of potential individual alternative corrective actions and comprehensive Project Alternatives, including Alternative E, are discussed in PEA

[6] SCE provides electric service to a small number of customer accounts in Tuolumne County and is not subject to franchise requirements.

Chapter 5. Descriptions of the IC Project alignment, referring to the locations where work associated with the Full Rebuild Concept and Alternative E generally would be done, are described in the PEA in Section 3.1 ("Project Location") and all subsections contained therein, and illustrated in Figures/Figuresets 1.1-1 ("IC Project Location"), 1.1-2 ("Project Overview, Segment 1" and "Project Overview Segments 2, 3N, 3S, and 4") and 3.1-1 ("Project Segments"), as well as PEA Appendix E: Detailed Route Map.

- The physical characteristics of the equipment proposed to be included in the Full Rebuild Concept (provided for bounding purposes), are described in the PEA in Chapter 1, particularly in Section 1.1 ("Project Components") and Chapter 3, particularly in Sections 3.4 ("Full Rebuild Concept") and 3.5 ("Project Components"), and all subsections contained therein, and illustrated in Figures/Figuresets 3.5.1 ("Typical Structure Design"), 3.5-2 ("Independence Telecom Tap"), 3.5-3 ("Transmission Line Crossings"), 3.7-1 ("Staging Yards"), 3.7-2 ("Telecommunications Underground Routes"), and 3.7-3 ("SCE Telecommunications Conduit Install Details"). The physical characteristics of alternatives to the Full Rebuild Concept, including Alternative E identified by SCE as its preferred project in this Application, are described in PEA Chapter 5, particularly in Section 5.2 ("Description of Project Alternatives and Impact Analysis").

- The IC Project Schedule is discussed in Section 3.7.6 ("Construction Schedule") and attached to this Application as Appendix C.

2. ***A map of the proposed power line routing or substation location showing populated areas, parks, recreational areas, scenic areas, and existing electrical transmission or power lines within 300 feet of the proposed route or substation.***

- Locations of the IC Project alignment, which generally includes the locations where work associated with the Full Rebuild Concept and Alternative E would be done, are illustrated in Figures/Figuresets 1.1-1 ("IC Project Location"), 1.1-2 ("Project Overview, Segment 1" and "Project Overview Segments 2, 3N, 3S, and 4"), 3.1-1 ("Project Segments"), 3.5-2 ("Independence Telecom Tap"), 3.5-3 ("Transmission Line Crossings"), Figuresets 3.7-1 ("Staging Yards"), 3.7-2 ("Telecommunications Underground Routes"), and 4.7-1 ("Site Location Map"), as well as PEA Appendix E ("Detailed Route Map").

- Maps and aerial photographs showing populated areas, parks, recreational areas, scenic areas, and land uses in the vicinity of the IC Project alignment are provided in PEA Figures/Figuresets 1.1-1 ("IC Project Location"), 1.1-2 ("Project Overview, Segment 1" and "Project Overview Segments 2, 3N, 3S, and 4"), 3.1-1 ("Project Segments"), 3.5-2 ("Independence Telecom Tap"), 3.5-3 ("Transmission Line Crossings"), 3.7-1 ("Staging Yards"), 3.7-2 ("Telecommunications Underground Routes"), 4.1-1a ("Photograph Viewpoint Locations"), 4.1-1b ("Photograph Viewpoint Locations"), 4.1-1c ("BLM VRM Classifications"), 4.1-1d ("BLM VRM Classifications"), 4.2-1 ("Prime Farmland, Unique Farmland, Farmland Of Statewide Importance"), 4.4-1 ("Ivanpah-Control Habitat Designations"), 4.4-2 ("Ivanpah-Control Sensitive Plant Species"), 4.4-3 ("Ivanpah-Control CNDDB Special-Status Plant Occurrences"), 4.4-4 ("Ivanpah-Control Sensitive Wildlife Species"), 4.4-5 ("Ivanpah-Control CNDDB Special-Status Wildlife Occurrences"), 4.4-6 ("Desert Tortoise Designated Critical Habitat"), 4.4-7 ("Yellow-Billed Cuckoo Proposed Critical Habitat"), 4.4-8 ("Mohave Ground Squirrel Probability of Occurrence"), 4.9-2 ("Airports and Airstrips"), 4.11-1 ("Land Use Designations"), 4.11-2 ("Zoning Designations"), 4.11-3 ("DRECP Land Designations"), 4.14-1 ("Cities, Reservations, And Census-Designated Places"), 4.15-1 ("Public Services

Along The IC Project Alignment"), 4.16-1 ("Parks And Recreational Facilities"), 4.17-1 ("Truck Routes, Public Use Airports, And Railroads"), and 4.17-2 ("Potential Lane Closures And Road Crossings").

- Existing electrical system components along the IC Project alignment and within 300 feet thereof are described in PEA Section 3.1 ("Project Location") and all subsections contained therein, and Section 3.2 ("Existing System") and all subsections contained therein, and are mapped/illustrated in Figures/Figuresets 3.1-1 ("Project Components"), 3.2-1 ("Existing System") and 3.5-3 ("Transmission Line Crossings"), 3.7-2 ("Telecommunications Underground Routes"), and 4.7-1 ("Site Location Map"), as well as PEA Appendix E ("Detailed Route Map").

3. ***Reasons for adoption of the power line route or substation location selected, including comparison with alternative routes or locations, including the advantages and disadvantages of each.***

- Reasons for the construction of the IC Project, including the challenges and additional environmental impacts associated with alternative sites can be found in PEA Chapters 1 and 5. As discussed in the PEA, the IC Project involves remediation of clearance discrepancies on existing subtransmission infrastructure within an established IC Project alignment. Substantial deviation from that alignment would not be a reasonable approach to accomplishing the IC Project's objectives.

4. ***A listing of the governmental agencies with which proposed power line route or substation location reviews have been undertaken, including a written agency response to applicant's written request for a brief position statement by that agency. (Such listing shall include The Native American Heritage Commission, which shall constitute notice on California Indian Reservation Tribal governments.) In the***

absence of a written agency position statement, the utility may submit a statement of its understanding of the position of such agencies.

- PEA Section 1.4 ("Agency Coordination") describes the outreach that SCE has conducted to date with lead agencies and other agencies, including the Bureau of Land Management, the counties of Inyo, Kern and San Bernardino; the City of Barstow, China Lake Naval Air Warfare Station, Edwards Air Force Base, Marine Corps Logistics Base Barstow, California Department of Transportation, and Los Angeles Department of Water and Power. None of these agencies has expressed any objections with respect to the IC Project.

- PEA Section 4.5.1.2 describes SCE's efforts with respect to Native American Coordination. The Native American Heritage Commission (NAHC) maintains two databases to assist cultural resources specialists in identifying cultural resources of concern to California Native Americans. On December 7, 2018, SCE's consultant, SWCA Environmental Consultants, contacted the NAHC to obtain information about known cultural and tribal cultural resources and request a list of Native American tribal representatives who may have a cultural affiliation with the proposed project area. The NAHC responded on December 28, 2018, stating that the Sacred Lands File (SLF) database includes previously identified sacred sites in the vicinity of the proposed project. In consideration of these culturally significant sacred sites, the NAHC suggested contacting two Native American tribes for more information. The NAHC also forwarded a list of 12 Native American groups or individuals that are culturally affiliated with the project area. The results of the NAHC SLF search will be provided to the CPUC and BLM for use in their respective Native American consultation efforts.

5. ***A PEA or equivalent information on the environmental impact of the project in accordance with the provisions of CEQA and this Commission's Rules of Practice and Procedure Rule 2.4 [formerly 17.1 and 17.3]. If a PEA is filed, it may include the data described in Items a. through d. above.***

- The PEA is attached to this Application.

G. Compliance with G.O. 131-D, Section X

G.O. 131-D, Section X, requires applications for a PTC to describe measures taken to reduce potential exposure to electric and magnetic fields ("EMF") generated by the proposed facilities. A complete description of EMF-related issues is contained in SCE's EMF Field Management Plan for the IC Project, which is attached as APPENDIX F to this Application.

H. Compliance with Rule 2.1(c)

In compliance with Rule 2.1(c) of the Commission's Rules of Practice and Procedure (California Code of Regulations, Title 20), SCE is required to state in this Application "[t]he proposed category for the proceeding, the need for hearing, the issues to be considered including relevant safety considerations, and a proposed schedule." SCE proposes to categorize this Application as a rate-setting proceeding. SCE anticipates that a hearing will not be necessary. This proceeding involves the Commission's: (1) environmental review of the IC Project in compliance with G.O. 131-D and the California Environmental Quality Act ("CEQA") (Pub. Resources Code § 21000 *et seq*.); and (2) issuance of a PTC authorizing SCE to construct the IC Project.

SCE workers and contractors are required to implement and enforce the SCE Accident Prevention Manual, which is a companywide manual containing safety rules and policies. These rules and policies cover work performed in every organizational unit, from office and workplace safety to construction sites, and for operating and maintaining substations and steam generation stations.

SCE suggests the following proposed schedule for this Application:

Date	Event
July 2019	PTC Application Filed
November 2019	Initial Study Issued
February 2020	Application Deemed Complete
April 2020	Draft CEQA Document Issued
September 2020	Final CEQA Document Issued
January 2021	Proposed Decision Issued
May 2021	Final Decision

I. Statutory Authority

This Application is made pursuant to the provisions of CEQA, G.O. 131-D, the Commission's Rules of Practice and Procedure, and prior orders and resolutions of the Commission.

J. Public Notice

Pursuant to G.O. 131-D, Section XI.A, notice of this Application shall be given: (1) to certain public agencies and legislative bodies; (2) to owners of property located on or within 300 feet of the project area; (3) by advertisement in a newspaper or newspapers of general circulation; and (4) by posting a notice on-site and off-site at the project location. SCE has given, or will give, proper notice within the time limits prescribed in G.O. 131- D. A copy of the Notice of Application for a Permit to Construct and list of newspapers which will publish the notice are contained in APPENDIX D. A copy of the Certificate of Service of Notice of Application for a Permit to Construct and a service list are contained in APPENDIX E.

K. Supporting Appendices and Attachments

Appendices A through F and the PEA listed below are made a part of this Application:

APPENDIX A	Balance Sheet and Statement of Income as of March 31, 2019.
APPENDIX B	List of Counties and Municipalities Served by SCE
APPENDIX C	Ivanpah-Control Project Schedule
APPENDIX D	Notice of Application for a Permit to Construct
APPENDIX E	Certificate of Service of Notice of Application for a Permit to Construct
APPENDIX F	Field Management Plan
ATTACHMENT	Southern California Edison's Ivanpah-Control Project PEA

L. Compliance with Rule 2.5

Rule 2.5 of the Commission's Rules of Practice and Procedure provides that an applicant include a deposit to be applied to the costs the Commission incurs to prepare a negative declaration or an environmental impact report when the Commission is acting as the lead agency pursuant to CEQA. In accordance with Rule 2.5, SCE is enclosing a deposit to be applied to the costs the Commission incurs to prepare a negative declaration or an environmental impact report for the IC Project.

M. Request for Ex Parte Relief

SCE requests that the relief requested in this Application be provided *ex parte* as provided for in G.O. 131-D, Section IX.B.6.

N. Request for Timely Relief

SCE requests the Commission to issue a decision within the time limits prescribed by Government Code Section 65920 *et seq*. (the Permit Streamlining Act) as provided for in G.O. 131-D, Section IX.B.6.

Moreover, as addressed in the same subsection of G.O. 131-D, SCE requests that the Commission refrain from assigning an Administrative Law Judge to this proceeding, unless a valid

protest is received by the Commission, and in the absence of any valid protest allow the Energy Division to process this Application.[7]

IV.

CONCLUSION

SCE respectfully requests the Commission to issue a PTC authorizing SCE to construct the IC Project described in this Application and PEA. SCE further requests that the relief be provided *ex parte* and within the time limits prescribed by the Permit Streamlining Act.

Respectfully submitted,

SOUTHERN CALIFORNIA EDISON COMPANY

/s/ Erik Takayesu
By: Erik Takayesu
Vice President Transmission, Substations and Operations

/s/ Robert Pontelle
By: Robert Pontelle

Attorney for
SOUTHERN CALIFORNIA EDISON COMPANY

2244 Walnut Grove Avenue
Post Office Box 800
Rosemead, California 91770
Telephone: (626) 302-6025
E-mail: robert.pontelle@sce.com

July 17, 2019

[7] GO 131-D, Section IX.B.6.

VERIFICATION

I am an officer of the applicant corporation herein, and am authorized to make this verification on its behalf. I am informed and believe that the matters stated in the foregoing document are true.

I declare under penalty of perjury that the foregoing is true and correct.

Executed this **12th day of July, 2019**, at Rosemead, California.

/s/ Erik Takayesu

By: Erik Takayesu
Vice President Transmission, Substations and Operations
SOUTHERN CALIFORNIA EDISON COMPANY

Appendix A

Balance Sheet and Statement of Income as of

March 31, 2019

SOUTHERN CALIFORNIA EDISON COMPANY

(h) A balance sheet as of the latest available date, together with an income statement covering the period from close of last year for which an annual report has been filed with the Commission to the date of the balance sheet attached to the application.

STATEMENT OF INCOME
THREE MONTHS ENDED MARCH 31, 2019

(In millions)

OPERATING REVENUE	$ 2,816
OPERATING EXPENSES:	
Purchase power and fuel	1,005
Other operation and maintenance	869
Depreciation, decommissioning and amortization	480
Property and other taxes	109
Impairment and other charges	(4)
Other operating income	(1)
Total operating expenses	2,458
OPERATING INCOME	358
Interest expense	(178)
Other income and (expense)	38
INCOME BEFORE INCOME TAX	218
Income tax benefit	(105)
NET INCOME	323
Less: Preferred and preference stock dividend requirements	30
NET INCOME AVAILABLE FOR COMMON STOCK	$ 293

SOUTHERN CALIFORNIA EDISON COMPANY

BALANCE SHEET
MARCH 31, 2019
ASSETS
(in millions)

UTILITY PLANT:		
Utility plant, at original cost	$	47,343
Less- accumulated provision for depreciation and decommissioning		9,671
		37,672
Construction work in progress		3,875
Nuclear fuel, at amortized cost		131
		41,678
OTHER PROPERTY AND INVESTMENTS:		
Nonutility property - less accumulated depreciation of $76		81
Nuclear decommissioning trusts		4,291
Special Funds and Other investments		58
		4,430
CURRENT ASSETS:		
Cash and equivalents		297
Receivables, less allowances of $49 for uncollectible accounts		702
Accrued unbilled revenue		459
Inventory		312
Income tax receivables		311
Prepaid expenses		464
Derivative assets		101
Regulatory assets		1,286
Other current assets		130
		4,062
DEFERRED CHARGES:		
Regulatory assets		5,268
Operating lease right-of-use assets		928
Long-term insurance receivable due from affiliate		1,000
Other long-term assets		1,378
		8,574
	$	58,744

SOUTHERN CALIFORNIA EDISON COMPANY

BALANCE SHEET
MARCH 31, 2019
CAPITALIZATION AND LIABILITIES
(in millions)

CAPITALIZATION:		
Common stock	$	2,168
Additional paid-in capital		683
Accumulated other comprehensive loss		(27)
Retained earnings		8,801
Common shareholder's equity		11,625
Preferred and preference stock		2,245
Long-term debt		13,942
Total capitalization		27,812
CURRENT LIABILITIES:		
Short-term debt		779
Current portion of long-term debt		79
Accounts payable		1,381
Accrued taxes		105
Customer deposits		303
Regulatory liabilities		1,295
Current portion of operating lease liabilities		156
Other current liabilities		1,097
		5,195
DEFERRED CREDITS:		
Deferred income taxes and credits		6,011
Pensions and benefits		434
Asset retirement obligations		2,999
Regulatory liabilities		8,588
Operating lease liabilities		772
Wildfire-related claims		4,669
Other deferred credits and other long-term liabilities		2,264
		25,737
	$	58,744

Appendix B

List of Counties and Municipalities Served by SCE

SOUTHERN CALIFORNIA EDISON®
Energy for What's Ahead®

INCORPORATED CITIES AND COUNTIES SERVED BY SCE

COUNTIES

Fresno	Kern	Madera	Riverside	Tuolumne
Imperial	Kings	Mono	San Bernardino	Tulare
Inyo	Los Angeles	Orange	Santa Barbara	Ventura

CITIES

Adelanto	Commerce	Hesperia	Lynwood	Porterville	Tehachapi
Agoura Hills	Compton	Hidden Hills	Malibu	Rancho Cucamonga	Temecula
Alhambra	Corona	Highland	Mammoth Lakes	Rancho Mirage	Temple City
Aliso Viejo	Costa Mesa	Huntington Beach	Manhattan Beach	Rancho Palos Verdes	Thousand Oaks
Apple Valley	Covina	Huntington Park	Maywood	Rancho Santa Margarita	Torrance
Arcadia	Cudahy	Indian Wells	McFarland	Redlands	Tulare
Artesia	Culver City	Industry	Menifee	Redondo Beach	Tustin
Avalon	Cypress	Inglewood	Mission Viejo	Rialto	Twentynine Palms
Baldwin Park	Delano	Irvine	Monrovia	Ridgecrest	Upland
Barstow	Desert Hot Springs	Irwindale	Montclair	Rolling Hills	Ventura
Beaumont	Diamond Bar	Jurupa Valley	Montebello	Rolling Hills Estates	Victorville
Bell	Downey	La Canada Flintridge	Monterey Park	Rosemead	Villa Park
Bell Gardens	Duarte	La Habra	Moorpark	San Bernardino	Visalia
Bellflower	Eastvale	La Habra Heights	Moreno Valley	San Dimas	Walnut
Beverly Hills	El Monte	La Mirada	Murrieta	San Fernando	West Covina
Bishop	El Segundo	La Palma	Newport Beach	San Gabriel	West Hollywood
Blythe	Exeter	La Puente	Norco	San Jacinto	Westlake Village
Bradbury	Farmersville	La Verne	Norwalk	San Marino	Westminster
Brea	Fillmore	Laguna Beach	Ojai	Santa Ana	Whittier
Buena Park	Fontana	Laguna Hills	Ontario	Santa Barbara	Wildomar
Calabasas	Fountain Valley	Laguna Niguel	Orange	Santa Clarita	Woodlake (Three Rivers)
California City	Fullerton	Laguna Woods	Oxnard	Santa Fe Springs	Ventura
Calimesa	Garden Grove	Lake Elsinore	Palm Desert	Santa Monica	Yorba Linda
Camarillo	Gardena	Lake Forest	Palm Springs	Santa Paula	Yucaipa
Canyon Lake	Glendora	Lakewood	Palmdale	Seal Beach	Yucca Valley
Carpinteria	Goleta	Lancaster	Palos Verdes Estates	Sierra Madre	
Carson	Grand Terrace	Lawndale	Paramount	Signal Hill	
Cathedral City	Hanford	Lindsay	Perris	Simi Valley	
Cerritos	Hawaiian Gardens	Loma Linda	Pico Rivera	South El Monte	
Chino	Hawthorne	Lomita	Placentia	South Gate	
Chino Hills	Hemet	Long Beach	Pomona	South Pasadena	
Claremont	Hermosa Beach	Los Alamitos	Port Hueneme	Stanton	

Updated: 4/25/2019

Appendix C

Ivanpah-Control Project

Project Schedule

Proposed TLRR IC Project Schedule

Date	Event
July 2019	PTC Application Filed
November 2019	Initial Study Issued
February 2020	Application Deemed Complete
April 2020	Draft CEQA Document Issued
September 2020	Final CEQA Document Issued
January 2021	Proposed Decision Issued
May 2021	Final Decision
April 2022	Construction Start
June 2025	Commence Operation

Appendix D

Notice of Application for a Permit to Construct

NOTICE OF APPLICATION FOR A PERMIT TO CONSTRUCT

IVANPAH- CONTROL PROJECT
Filing Date: July 17, 2019

Proposed Project: Southern California Edison Company (SCE) has filed an application with the California Public Utilities Commission (CPUC) for a Permit to Construct (PTC) the Ivanpah-Control Project ("IC Project"). The primary purpose of the IC Project is to ensure compliance with CPUC General Order 95 (G.O. 95) and North American Electric Reliability Corporation (NERC) Facility Ratings through remediating physical clearance discrepancies identified on existing 115 kilovolt (kV) subtransmission lines. In particular, G.O. 95 Rules 37 through 39 specify minimum vertical and horizontal clearances that must be maintained between an electrical conductor and other conductors, or between a conductor and the ground, buildings, and a variety of other objects. In 2006, SCE identified discrepancies along many of its circuits where minimum clearances are not being met compared to what is required by G.O. 95. The IC Project will rectify approximately 2,950 such discrepancies along the following 115 kV line circuits:

- Control- Haiwee- Inyokern
- Control- Coso- Haiwee- Inyokern
- Kramer- Inyokern Randsburg No. 1
- Kramer- Coolwater
- Kramer- Tortilla
- Coolwater- SEGS2- Tortilla
- Ivanpah- Baker- Coolwater- Dunn Siding- Mountain Pass

Project Description: These five circuits traverse Inyo County, northeast Kern County, northern San Bernardino County, and the City of Barstow.

As discussed in greater detail in the Proponent's Environmental Assessment (PEA) submitted in conjunction with its application, SCE has identified a variety of ways to accomplish the IC Project. For purposes of a conservative and complete analysis of all potential environmental impacts associated with the IC Project, the PEA filed with the application describes and analyzes the environmental impacts associated with a scope of work that would involve the complete rebuild of the existing SCE facilities along five subtransmission line segments containing the 115 kV line circuits identified above, altogether spanning 358 miles between Ivanpah Substation and SCE's Control Substation. (These five segments have been identified for purposes of the IC Project as Segment 1, Segment 2, Segment 3 North or "3N", Segment 3 South or "3S", and Segment 4). This complete rebuild scope is identified as the "Full Rebuild Concept" in the PEA.

During the PEA preparation process SCE identified a number of potential alternatives to the Full Rebuild Concept and assessed them for feasibility and potential environmental impacts. As a result of that effort, and as discussed more fully in the PEA, SCE identified "Alternative E" as an alternative that would accomplish most of the IC Project objectives with fewer environmental impacts compared to the Full Rebuild Concept. On that basis, SCE's PTC application requests CPUC approval of a PTC authorizing SCE to implement Alternative E.

The IC Project Alternative E consists of the following major elements (please also refer to the enclosed map below):

Subtransmission Lines

Subtransmission, Rebuild – Rebuild 218 miles of existing 115 kilovolt (kV) subtransmission circuits in Segments 1, 2, and 3S by:

- Removing existing subtransmission towers and poles and replacing them with tubular steel poles (TSPs), lightweight steel (LWS) poles, LWS pole H-frames, and multi-pole TSP and LWS pole structures.
- Removing existing conductor and installing new Aluminum Conductor Composite Core (ACCC) 'Dove' conductor on replacement structures.
- Installing overhead groundwire (OHGW) in some locations for system protection.
- Installing a double-circuit pole line in Segment 3S.

Subtransmission, Derating and Remediating, Segment 3N

- Derate the approximately 44 miles of existing 115 kV subtransmission circuits in Segment 3N.
- Remediating 163 discrepancies by replacing 108 existing structures with a combination of 108 new LWS poles, LWS H-frames, and TSPs.

Subtransmission, Derating and Remediating, Segment 4

- Derate the approximately 96 miles of existing 115 kV subtransmission circuits in Segment 4.
- Remediating 74 discrepancies by installing 2 new LWS H-frames and replacing 61 existing structures with 59 LWS H-frames and 2 TSP H-frames

Distribution

- Remove existing distribution conductor and appurtenances and install new distribution conductor and appurtenances on replacement structures.

Telecommunications/ System Protection

- Install approximately 218 miles of optical groundwire (OPGW) and/or All-Dielectric Self- Supporting (ADSS) fiber optic cable overhead on replacement structures and new structures in Segments 1, 2, and 3S.
- Install approximately 1,590 feet of fiber optic cable underground within existing substations, and approximately 3,200 feet of underground fiber optic cable outside of existing substations.
- Install system protection and telecommunications-associated equipment at existing substations.

Substation

- Install a new 115/33/12 kV Ring-Bus at Baker Substation
- Provide new 115 kV line position at Kramer Substation for the new Coolwater-Kramer No.2 115 kV circuit
- Provide new 115 kV line position at Coolwater Substation for the new Coolwater-Kramer No.2 115 kV circuit
- Disconnect existing conductor from existing positions at substations and connect new conductor to those existing positions.
- Install new OHGW and make minor modifications to the existing racks to accommodate the new OHGW.
- Install cabling between existing breakers to the existing mechanical electrical equipment room (MEER)/communication room/telecommunications cabinet and install new relay and protection racks in the existing MEER/communication room/telecommunications cabinet

Construction is anticipated to begin 3rdQuarter of 2022, and the Proposed Project is planned to be operational by the 2nd Quarter of 2025.

Electric and Magnetic Fields (EMF) Compliance: The CPUC requires utilities to employ "no-cost" and "low-cost" measures to reduce public exposure to magnetic fields. In accordance with "EMF Design Guidelines" (Decisions 93-11-013 and 06-01-042.), the IC Project would implement a combination of the following recommended measures:

1. Full Rebuild Concept and Alternative E: Utilize double-circuit construction that reduces spacing between circuits as compared with single-circuit construction;
2. Full Rebuild Concept and Alternative E: Arrange conductors of the proposed subtransmission line for magnetic field reduction;
3. Full Rebuild Concept and Alternative E: Install taller structures in areas with potential overhead discrepancies, increasing ground clearance; and
4. Alternative E: Reduce power load flow in de-rated segments to reduce magnetic field

Environmental Review: SCE has prepared a Proponent's Environmental Assessment (PEA) of potential environmental impacts created by the construction and operation of the Proposed Project. The PEA concludes that with the implementation of Applicant-Proposed Measures, the majority of the potentially significant environmental effects associated with the Proposed Project would be reduced to less than significant levels. However, impacts to Air Quality would remain significant and unavoidable. In addition, cultural resources technical reports are still in process and the information to be described therein would be informative as to whether or not there are any potentially significant impacts related to cultural resources as a result of the Proposed Project.

Pursuant to the California Environmental Quality Act (CEQA), the CPUC's Energy Division will conduct an independent review of the Proposed Project's environmental impacts. Depending on the results of its review, the Energy Division is expected to issue an environmental impact report (EIR) identifying the significant environmental impacts and mitigation measures and alternatives to avoid or reduce them.

Public Participation:
The public may participate in the environmental review by submitting comments on the Notice of Intent to Approve a Negative Declaration, or on the Notice of Preparation of the EIR and draft EIR, and by participating in any scoping meetings or public meetings that may be conducted. For information on the environmental review, contact the CPUC's Energy division at enviroteam@cpuc.ca.gov or (415) 703-2126.

Persons wishing to present testimony in evidentiary hearings and/or legal briefing on all other issues, including EMF compliance, require party status. Persons may obtain party status by filing a protest to the application by **August 19, 2019**, in compliance with CPUC General Order 131-D and the CPUC's Rules of Practice and Procedure Rule 2.6, or by making a motion for party status at any time in compliance with Rule 1.4 (posted at www.cpuc.ca.gov).

The public may communicate their views regarding the application by writing to the CPUC at 505 Van Ness Avenue, San Francisco, CA 94102, or by emailing the Public Advisor at public.advisor@cpuc.ca.gov. In addition, the CPUC may, at its discretion, hold a public participation hearing in order to take oral public comment.

Document Subscription Service: The CPUC's free online subscription service sends subscribers an email notification when any document meeting their subscription criteria is published on the CPUC's

website, such as documents filed in a CPUC proceeding (e.g., notices of hearings, rulings, briefs and decisions). To sign up to receive notification of documents filed in this proceeding (or other CPUC matters), visit www.cpuc.ca.gov/subscription.

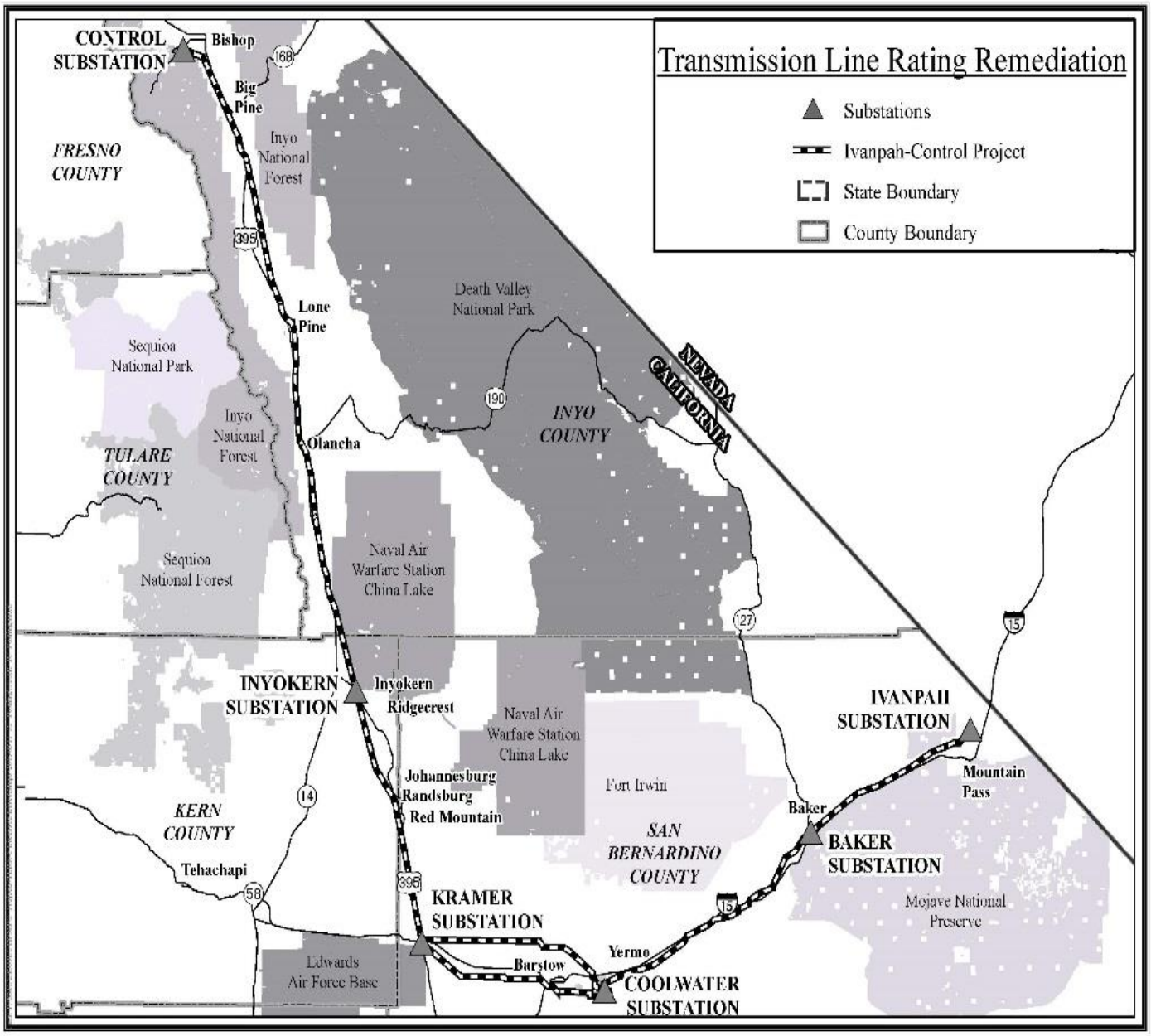
Contacts: For assistance from the CPUC, please contact the Public Advisor in San Francisco at (415) 703-2074 (public.advisor@cpuc.ca.gov) or toll free at (866) 849-8391.

To review a copy of SCE's application, or to request further information about the proposed project, please contact the SCE Government Affairs representatives listed below. You can also visit the Project website at www.sce.com/ICProject.

Cal Rossi
SCE Government Affairs
Inyo and Kern Counties
421 J Street
Tehachapi, CA 93561
Calvin.rossi@sce.com
(559) 331-4555

Jennifer Cusack
SCE Government Affairs
San Bernardino County
6999 OWS/ Hwy 247
Yucca Valley, CA 92284
Jennifer.cusack@sce.com
(760) 202-4211

Juan Lopez
SCE Government Affairs
City of Barstow
12353 Hesperia Road
Victorville, CA 92392
Juan.m.lopez@sce.com
(760) 951-3190


Transmission Line Rating Remediation
Substations
Ivanpah-Control Project
State Boundary
County Boundary
CONTROL SUBSTATION
Bishop
Big Pine
Lone Pine
Olancha
Inyo National Forest
FRESNO COUNTY
TULARE COUNTY
KERN COUNTY
INYO COUNTY
SAN BERNARDINO COUNTY
Sequoia National Park
Sequoia National Forest
Death Valley National Park
NEVADA
CALIFORNIA
Naval Air Warfare Station China Lake
INYOKERN SUBSTATION
Inyokern
Ridgecrest
Johannesburg
Randsburg
Red Mountain
Tehachapi
KRAMER SUBSTATION
Edwards Air Force Base
Barstow
Yermo
COOLWATER SUBSTATION
Fort Irwin
IVANPAH SUBSTATION
Mountain Pass
Baker
BAKER SUBSTATION
Mojave National Preserve
168
395
190
27
15
14
58
395
15

Appendix E

Certificate of Service of Notice of Application

for a Permit to Construct

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE

STATE OF CALIFORNIA

In the Matter of the Application of SOUTHERN CALIFORNIA EDISON COMPANY (U 338-E) for a Permit to Construct Electrical Facilities With Voltages Between 50kV and 200 kV: Ivanpah-Control Project.	A.19-07-xxx

CERTIFICATE OF SERVICE

I hereby certify that, pursuant to the Commission's Rules of Practice and Procedure, I have this day served a true copy of the **NOTICE OF APPLICATION OF SOUTHERN CALIFORNIA EDISON COMPANY (U 338-E) FOR A PERMIT TO CONSTRUCT ELECTRICAL FACILITIES WITH VOLTAGES BETWEEN 50KV AND 200 KV: IVANPAH-CONTROL PROJECT,** on all parties identified on the attached lists.

Service was effected by one or more means indicated below:

☒ Placing the copies in sealed envelopes and causing such envelopes to be delivered via USPS First Class Mail.

Lists: Ivanpah-Control Project Agency List
Ivanpah-Control Project 300 Foot List

Executed this **July 17, 2019,** at Rosemead, California.

/s/ Kelly Morikawa Kwong
Kelly Morikawa Kwong
Legal Administrative Assistant
SOUTHERN CALIFORNIA EDISON COMPANY
2244 Walnut Grove Avenue
Post Office Box 800
Rosemead, California 91770

Ivanpah-Control Project Agency Mailing List for Notice of Application		
City of Barstow		
Julie Hackbarth-McIntyre, Mayor City of Barstow 220 E. Mountain View St., Suite A Bartow, CA 92311	Nikki M. Salas, City Manager City of Barstow 220 E. Mountain View St., Suite A Bartow, CA 92311	Mike Massimini, City Planner City of Barstow 220 E. Mountain View St., Suite A Bartow, CA 92311
Andrew Ziemer, Chair Planning Commission City of Barstow 220 E. Mountain View St., Suite A Bartow, CA 92311		
City of Bishop		
Jim Ellis, Mayor City of Bishop P.O. Box 1236 Bishop, California 93515	David Kelly, City Administrator City of Bishop P.O. Box 1236 Bishop, California 93515	Elaine Kabala, Associate Planner Department of Public Works City of Bishop P.O. Box 1236 Bishop, California 93515
Hank Truxillo, Chairman Planning Commission City of Bishop P.O. Box 1236 Bishop, California 93515		
City of Ridgecrest		
Peggy Breeden, Mayor City of Ridgecrest 100 W California Ave Ridgecrest, CA 93555	Ron Strand, City Manager City of Ridgecrest 100 W California Ave Ridgecrest, CA 93555	Heather Spurlock, Analyst Planning Department City of Ridgecrest 100 W California Ave Ridgecrest, CA 93555
Warren Cox, Chairman Planning Commission City of Ridgecrest 100 W California Ave Ridgecrest, CA 93555		
San Bernardino County		
Curt Hagman, Chair Board of Supervisors San Bernardino County 385 N. Arrowhead Avenue, 5th Floor San Bernardino, CA 92415	Robert Lovingood First District Supervisor San Bernardino County 385 N. Arrowhead Avenue, 5th Floor San Bernardino, CA 92415	Dawn Rowe Third District Supervisor San Bernardino County 385 N. Arrowhead Avenue, 5th Floor San Bernardino, CA 92415
Kevin Blakeslee, Director Public Works Department San Bernardino County 385 N. Arrowhead Avenue San Bernardino, CA 92415	Terri Rahhal, Director Land Use Services Department San Bernardino County 385 N. Arrowhead Avenue, 1st Floor San Bernardino, CA 92415	Luther Snoke, Interim Director Special Districts Department San Bernardino County 157 W. Fifth Street, 2nd Floor San Bernardino, CA 92415
Gary McBride Chief Executive Officer San Bernardino County 385 N. Arrowhead Avenue San Bernardino, CA 92415	Jonathan Weldy, Chair Planning Commission San Bernardino County 385 N. Arrowhead Avenue, 1st Floor San Bernardino, CA 92415	
Inyo County		

Matt Kingsley Fifth District Supervisor Inyo County 210 Lasky Lane P. O. Box 110 Lone Pine, CA 93545	Mark Tillemans Fourth District Supervisor Inyo County 215 N. School Street P.O. Box 612 Big Pine, CA 93513	Cathreen Richards Planning Director Inyo County Planning Department P.O. Drawer L 168 N. Edwards Street Independence, CA 93526
Clint G. Quilter County Administrative Officer Inyo County P.O. Drawer N Independence, CA 93526	Frank Stewart, Chair Planning Commission Inyo County P.O. Drawer L Independence, CA 93526	
Kern County		
David Couch, Chair Board of Supervisors Kern County Administrative Office 1115 Truxtun Ave, Room 504 Bakersfield, CA 93301	Mike Gleason First District Supervisor Kern County Administrative Office 1115 Truxtun Avenue, 5th Floor Bakersfield, CA 93301	Lorelei H. Oviatt, Director Planning & Natural Resources Dept. Kern County Public Services Building 2700 "M" Street., Suite 100 Bakersfield, CA 93301-2370
Ryan J. Alsop County Administrative Officer Kern County Administrative Office 1115 Truxtun Avenue, 5th Floor Bakersfield, CA 93301	Joe Ashley, Chair Planning Commission Kern County Public Services Building 2700 "M" Street., Suite 100 Bakersfield, CA 93301-2370	
Bishop Paiute Tribe		
Allen Summer Sr., Chairman Bishop Paiute Tribe 50 Tu Su Lane Bishop, CA 93514	Gloriana Bailey, Tribal Administrator Bishop Paiute Tribe 50 Tu Su Lane Bishop, CA 93514	Peter Bernasconi, Director Department of Public Works Bishop Paiute Tribe 630 Brockman Lane Bishop, CA 93514
Interested Parties		
Paula Deel, Event Coordinator Newberry Springs Chamber of Commerce PO Box 116 Newberry Springs, CA 92365		
State and Federal Agencies		
Richard Corey, Executive Officer California Air Resources Board P.O. Box 2815 Sacramento, CA 95812		Dana Cole, P.G., Eng. Geologist 401 Certification Unit CalEPA - Water Board, LA Region 320 W. 4th St., 2nd Floor Los Angeles, CA 90013-2343
Edward Randolph, Energy Div Dir California Public Utilities Commission 505 Van Ness Avenue San Francisco, CA 94102	Allison Brown, CPUC Public Advisor California Public Utilities Comm. 505 Van Ness Avenue San Francisco, CA 94102	Drew Bohan, Executive Director California Energy Commission 1516 Ninth Street Sacramento, CA 95814
Bob Franzoia, Acting Director Department of Transportation P.O. Box 942873 Sacramento, CA 94273-0001	Gary Cathey, Director Dept of Transportation Div. of Aeronautics MS 40 P. 0. Box 942874 Sacramento, CA 94274-0001	John Laird, Secretary California Resources Agency 1416 Ninth St. - Suite 1311 Sacramento, CA 95814
Charlton H. Bonham, Director California Dept. of Fish and Wildlife 1416 9th Street, 12th Floor Sacramento, CA 95814	Jennifer Kent, Director Department of Health Services P.O. Box 997413, MS 0000 Sacramento, CA 95899-7413	Eileen Sobeck, Executive Director State Water Resources Control Board P.O. Box 100 Sacramento, CA 95812-0100

Julianne Polanco, SHPO Calif. Office of Historic Preservation 1725 23rd Street, Suite 100 Sacramento, CA 95816-7100	Victor Globa, Environmental Splst FAA-West-Pac Region Airports Div 15000 Aviation Blvd. - Rm 3024 Lawndale, California 90261	Antal Szijj, Section Chief U.S. Army Corps of Engineers - Regulatory Division 2151 Alessandro Dr. Ste. 110 Ventura, CA 93001
Jennifer Lucchesi, Executive Director California State Lands Commission 100 Howe Avenue, Suite 100 South Sacramento CA 95825	Patty Kouyoumdjian, Exec. Officer Water Regional Board 6 15095 Amargosa Rd. Bldg 2-Suite 210 Victorville, CA 92394	
Federal Aviation Administration FAA Western-Pacific Region 777 S. Aviation Blvd., Suite 150 El Segundo, CA 90245	Michael Beauchamp, District Director –Caltrans District 8 464 W. 4th Street San Bernardino, CA 92401	Brent Green District Director Caltrans District 9 500 South Main Street Bishop, CA 93514
Eastern Kern Air Pollution Control District 2700 M Street Suite 302 Bakersfield, CA 93301	Great Basin Unified Air Pollution Control District 157 Short St. Bishop, CA 93514	Brad Poiriez, Executive Director Mojave Desert Air Quality Management District 14306 Park Ave Victorville, CA 92392
Lahontan Regional Water Quality Control Board Victorville Branch Office 15095 Amargosa Rd., Bldg 2, Ste 210 Victorville, CA 92394	Regional Director-Region 8 Federal Bldg - Dept. Fish & Wildlife 2800 Cottage Way, Room W-2606 Sacramento, CA 95825-1846	CDFW Inland Deserts Region (Region 6) 3602 Inland Empire Blvd Suite C-220 Ontario, CA 91764
U.S. Bureau of Land Mgmt (CA) Ben Gruber, Acting District Manager California Desert District 22835 Calle San Juan de Los Lagos Moreno Valley, CA 92553	U.S. Bureau of Land Mgmt. Mark Mackiewicz, National PM 125 South 600 West Price, UT 84501	
Karen Stump, Realty Specialist Edwards AFB 305 E Popson Ave Edwards AFB, CA 93524	James Fejeran, Compliance Marine Corps Logistics Base Barstow Yermo Annex Branch Chief Box 110198 MCLB Barstow, CA 92311	Thomas Maloney, Realty Specialist Naval Air Warfare Center China Lake 1 Administrative Circle Ridgecrest, CA 93555

Ivanpah-Control Project 300 Foot List

APN	MAILING ADDRESS	MAILING CITY	MAILING STATE	MAILING ZIP CODE	PROPERTY ADDRESS	PROPERTY CITY, STATE, ZIP	PROPERTY COUNTY
18171205	22706 ASPAN ST STE 701	LAKE FOREST	CA	92630			San Bernardino
18171224	1640 CHURCH ST	BARSTOW	CA	92311			San Bernardino
18171226	22706 ASPAN ST. STE. 701	LAKE FOREST-EL TORO	CA				San Bernardino
18171227	791 PRICE ST #160	PISMO BEACH	CA	93449	0 BARSTOW RD	BARSTOW CA 92311	San Bernardino
18171228	791 PRICE ST #160	PISMO BEACH	CA	93449		BARSTOW CA 92311	San Bernardino
18171229	791 PRICE ST #160	PISMO BEACH	CA	93449	0 BARSTOW RD	BARSTOW CA 92311	San Bernardino
18226102	9019 SUNFLOWER ST	RANCHO CUCAMONGA	CA	91701			San Bernardino
18226108	4355 RIVERBEND LN	RIVERSIDE	CA	92509			San Bernardino
18226109	3595 INLAND EMPIRE BLVD BLDG 3	ONTARIO	CA				San Bernardino
18226110	658 REDONDO LN	CORONA	CA	92882			San Bernardino
18226112	2501 FAIVRE ST	CHULA VISTA	CA	92011			San Bernardino
18226113	2501 FAIVRE ST	CHULA VISTA	CA	92011			San Bernardino
18226114	9191 BOLSA AVE STE 120	WESTMINSTER	CA	92683			San Bernardino
18226115	13743 VENTURA BLVD #290	SHERMAN OAKS	CA				San Bernardino
18226116	203 PEPPERMINT TREE TER #3	SUNNYVALE	CA	94086			San Bernardino
18226121	13743 VENTURA BLVD #290	SHERMAN OAKS	CA	91423			San Bernardino
18226122	9539 KENNERLY ST	TEMPLE CITY	CA	91780			San Bernardino
18226123	INGENIEUR HAESAERTSLAAN 24 2650	EDEGEM	BELGIUM				San Bernardino
18226124	650 SIERRA MADRE VILLA AVE # 200	PASADENA	CA	91107			San Bernardino
18226125	6628 MOWER PL	SAN DIEGO	CA				San Bernardino
18226138	P O BOX 1180	BARSTOW	CA				San Bernardino
18226140	6129 OAKRIDGE CT	RANCHO CUCAMONGA	CA	91739			San Bernardino
18226141	PO BOX 1405	APPLE VALLEY	CA				San Bernardino
18226142	BOGAERDE 5 3440	ZOUTLEEUW	BELGIUM				San Bernardino
18226144	4355 RIVERBEND LN	RIVERSIDE	CA	92509			San Bernardino
18226145	12125 GOLDBLUFF LN	GOLD RIVER	CA	95670			San Bernardino
18226232	9191 BOLSA AVE STE 120	WESTMINSTER	CA	92683			San Bernardino
18226240	PO BOX 1962	BARSTOW	CA				San Bernardino
18226241	1621 SUNRISE RD	BARSTOW	CA	92311			San Bernardino
18226243	P O BOX 1172	SAN LUIS OBISPO	CA				San Bernardino
18226244	13743 VENTURA BLVD #290	SHERMAN OAKS	CA	91423			San Bernardino
18226251	3132 FRIEDA CT	WEST COVINA	CA	91792			San Bernardino
18226253	44910 YUCCA AVE	LANCASTER	CA	93534			San Bernardino
18226255	3650 MONON ST #206	LOS ANGELES	CA	90027			San Bernardino
18226256	19330 SATICOY ST #302	RESEDA	CA	91335			San Bernardino
18226257	401 MIDDLEBURY CT	CLAREMONT	CA	91711			San Bernardino
18226263	14221 HIGH NOON CT	MORENO VALLEY	CA	92553			San Bernardino
18226264	7701 GONZAGA PL	WESTMINSTER	CA	92683			San Bernardino
18226265	3431 MARANVILLE CT	WEST COVINA	CA	91792			San Bernardino
18228102	850 S BARSTOW RD	BARSTOW	CA	92415			San Bernardino
18228204	1396 RANCHO LANE	THOUSAND OAKS	CA				San Bernardino
18228205	2080 P ST	BARSTOW	CA	92311	2080 P ST	BARSTOW CA 92311	San Bernardino
18228206	850 S BARSTOW RD	BARSTOW	CA	92415			San Bernardino
18230111	850 S BARSTOW RD	BARSTOW	CA	92415			San Bernardino
41601109	ADDRESS UNKNOWN						San Bernardino
41601118	3410 LA SIERRA F449	RIVERSIDE	CA	92503			San Bernardino
41601127	PO BOX 175	DAGGETT	CA				San Bernardino
41601128	1022 AVENIDA	AMANTEA LA JOLLA	CA	92037			San Bernardino
41601144	ADDRESS UNKNOWN						San Bernardino
41604103	ADDRESS UNKNOWN						San Bernardino
41604123	ADDRESS UNKNOWN						San Bernardino
41701103	ADDRESS UNKNOWN						San Bernardino
41701104	ADDRESS UNKNOWN						San Bernardino
41702104	620 ORANGEWOOD AVE	NEWBURY PARK	CA	91320			San Bernardino

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41702105	610 CHESTER AVE	SAN MARINO	CA	91108			San Bernardino
41702106	1245 S VAN NESS AVE	LOS ANGELES	CA	90019			San Bernardino
41702107	3595-3 INLAND EMPIRE BLVD	ONTARIO	CA				San Bernardino
41702108	ADDRESS UNKNOWN						San Bernardino
41703101	ADDRESS UNKNOWN						San Bernardino
41703104	ADDRESS UNKNOWN						San Bernardino
42217402	34620 HIGHLAND AVE	BARSTOW	CA	92311	0 MAIN ST	LENWOOD CA 92311	San Bernardino
42217414	260 NEWPORT CENTER DR 3RD FL	NEWPORT BEACH	CA	92660			San Bernardino
42217415	ADDRESS UNKNOWN						San Bernardino
42311103	ADDRESS UNKNOWN						San Bernardino
42312202	464 W 4TH ST 6TH FL	SAN BERNARDINO	CA	92401-1400			San Bernardino
42312250	P O BOX 1786	TOPEKA	KS				San Bernardino
42312251	ADDRESS UNKNOWN						San Bernardino
42313103	ADDRESS UNKNOWN						San Bernardino
42317101	205 N BEN MADDOX WAY	VISALIA	CA	93292-6632			San Bernardino
42317101	ADDRESS UNKNOWN						San Bernardino
42317102	ADDRESS UNKNOWN						San Bernardino
42318104	1583 MONTEREY RD #21B	SEAL BEACH	CA	90740			San Bernardino
42402103	911 WILSHIRE BLVD	LOS ANGELES	CA	90017			San Bernardino
42402104	ADDRESS UNKNOWN						San Bernardino
42413206	115 HESTER DR	BLAIRSVILLE	GA	30512			San Bernardino
42413223	24817 CALLE CEDRO	CALABASAS	CA	91302			San Bernardino
42413254	4330 LLANO AVE	SANTA BARBARA	CA	93110			San Bernardino
42413259	PO BOX 2411	LA HABRA	CA				San Bernardino
42414115	ADDRESS UNKNOWN						San Bernardino
42705157	ADDRESS UNKNOWN						San Bernardino
42706229	ADDRESS UNKNOWN						San Bernardino
42706231	ADDRESS UNKNOWN						San Bernardino
42706239	220 E MOUNTAIN VIEW ST STE A	BARSTOW	CA	92311			San Bernardino
42706246	17150 SMOKE TREE ST	HESPERIA	CA	92345	0 MAIN ST	BARSTOW CA 92311	San Bernardino
42706401	PO BOX 1405	APPLE VALLEY	CA				San Bernardino
42706402	6129 OAKRIDGE CT	RANCHO CUCAMONGA	CA	91739			San Bernardino
42706403	2620 W MAIN ST	BARSTOW	CA	92311	2620 MAIN ST	BARSTOW CA 92311	San Bernardino
42729117	841 S FIRST ST	BARSTOW	CA	92311			San Bernardino
42729118	34379 M ST	BARSTOW	CA	92311	34379 M ST	BARSTOW CA 92311	San Bernardino
42729121	27475 AZURITE RD	BARSTOW	CA	92311	27475 AZURITE RD	BARSTOW CA 92311	San Bernardino
42729124	27343 AZURITE RD	BARSTOW	CA	92311	27343 AZURITE	BARSTOW CA 92311	San Bernardino
42729125	34335 P ST	BARSTOW	CA	92311	34335 P ST	BARSTOW CA 92311	San Bernardino
42729126	110 LONG BEACH BLVD	LONG BEACH	CA	90802			San Bernardino
42729129	27575 CRESTVIEW AVE	BARSTOW	CA	92311			San Bernardino
42729130	27577 BONANZA RD	BARSTOW	CA	92311	27577 BONANZA RD	BARSTOW CA 92311	San Bernardino
42729131	27624 CINNABAR RD	BARSTOW	CA	92311-6205	27624 CINNABAR RD	BARSTOW CA 92311	San Bernardino
42729132	15185 OSCEOLA ROAD	APPLE VALLEY	CA		27690 CINNABAR RD	BARSTOW CA 92311	San Bernardino
42729143	27460 CINNABAR RD	BARSTOW	CA	92311	27460 CINNABAR RD	BARSTOW CA 92311	San Bernardino
42729147	27447 AZURITE RD	BARSTOW	CA	92311	27447 AZURITE ST	BARSTOW CA 92311	San Bernardino
42729148	P O BOX 668	BARSTOW	CA		27407 AZURITE ST	BARSTOW CA 92311	San Bernardino
42729149	27480 CINNABAR	BARSTOW	CA	92311	27480 CINNABAR ST	BARSTOW CA 92311	San Bernardino
42729151	27490 CINNABAR RD	BARSTOW	CA	92311	27490 CINNABAR ST	BARSTOW CA 92311	San Bernardino
42729152	PSC 76 BOX 949	APO	AE		27495 BONANZA ST	BARSTOW CA 92311	San Bernardino
42729153	27363 AZURITE RD	BARSTOW	CA	92311	27363 AZURITE ST	BARSTOW HEIGHTS CA 92311	San Bernardino
42729154	27377 AZURITE RD	BARSTOW	CA	92311	27377 AZURITE	BARSTOW CA 92311	San Bernardino
42729155	27440 CINNABAR RD	BARSTOW	CA	92311	27440 CINNABAR ST	BARSTOW CA 92311	San Bernardino
42729156	PO BOX 518	BARSTOW	CA		27437 BONANZA RD	BARSTOW HEIGHTS CA 92311	San Bernardino
42729158	27450 CINNABAR RD	BARSTOW	CA	92311	27450 CINNABAR	BARSTOW CA 92311	San Bernardino
42729159	PO BOX 518	BARSTOW	CA		27451 BONANZA RD	BARSTOW HEIGHTS CA 92311	San Bernardino
42729160	27430 CINNABAR RD	BARSTOW	CA	92311	27430 CINNABAR RD	BARSTOW CA 92311	San Bernardino

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42729161	PO BOX 518	BARSTOW	CA		27417 BONANZA RD	BARSTOW HEIGHTS CA 92311	San Bernardino
42729162	PO BOX 518	BARSTOW	CA		27417 BONANZA RD	BARSTOW HEIGHTS CA 92311	San Bernardino
42729163	27553 AZURITE	BARSTOW	CA	92311	27553 AZURITE	BARSTOW CA 92311	San Bernardino
42729164	27572 BONANZA RD	BARSTOW	CA	92311	27572 BONANZA RD	BARSTOW CA 92311	San Bernardino
42729169	27525 AZURITE RD	BARSTOW	CA	92311	27525 AZURITE RD	BARSTOW CA 92311	San Bernardino
42729170	27539 AZURITE RD	BARSTOW	CA	92311	27539 AZURITE RD	BARSTOW CA 92311	San Bernardino
42730217	28082 BONANZA RD	BARSTOW	CA	92358	28082 BONANZA	BARSTOW CA 92311	San Bernardino
42730219	27989 AZURITE RD	BARSTOW	CA	92311	27989 AZURITE RD	BARSTOW HEIGHTS CA 92311	San Bernardino
42730220	5600 GRANITE PKWY	PLANO	TX	75024	27944 BONANZA RD	BARSTOW HEIGHTS CA 92311	San Bernardino
42730221	27945 AZURITE RD	BARSTOW	CA	92311	27945 AZURITE RD	BARSTOW CA 92311	San Bernardino
42730222	PO BOX 1463	YERMO	CA		27939 AZURITE RD	BARSTOW CA 92311	San Bernardino
42730223	27932 BONANZA RD	BARSTOW	CA	92311	27932 BONANZA RD	BARSTOW CA 92311	San Bernardino
42730224	27915 BONANZA	BARSTOW	CA	92311	27922 BONANZA RD	BARSTOW CA 92311	San Bernardino
42730225	27925 AZURITE	BARSTOW	CA	92311	27925 AZURITE RD	BARSTOW CA 92311	San Bernardino
42730226	27915 AZURITE RD	BARSTOW	CA	92311	27915 AZURITE RD	BARSTOW HEIGHTS CA 92311	San Bernardino
42730227	27912 BONANZA RD	BARSTOW	CA	92311	27912 BONANZA RD	BARSTOW CA 92311	San Bernardino
42730243	34388 K ST	BARSTOW	CA	92311	34388 K ST	BARSTOW HEIGHTS CA 92311	San Bernardino
42730244	6751 ROSTNATA AVE	BUENA PARK	CA	90621	27788 AZURITE	BARSTOW CA 92311	San Bernardino
42730250	34427 L ST	BARSTOW	CA	92311	34427 L ST	BARSTOW CA 92311	San Bernardino
42730251	34359 L ST	BARSTOW	CA	92311	34359 L ST	BARSTOW CA 92311	San Bernardino
42730252	27729 BONANZA RD	BARSTOW	CA		27729 BONANZA RD	BARSTOW CA 92311	San Bernardino
42730253	27720 CINNABAR RD	BARSTOW	CA	92311	27720 CINNABAR	BARSTOW CA 92311	San Bernardino
42730254	P O BOX 1575	BARSTOW	CA		34340 K ST	BARSTOW CA 92311	San Bernardino
42730257	27910 CINNABAR	BARSTOW	CA	92311	27910 CINNABAR ST	BARSTOW CA 92311	San Bernardino
42730258	PO BOX 1926	BARSTOW	CA		0 CINNABAR ST	BARSTOW CA 92311	San Bernardino
42730260	28080 BONANZA RD	BARSTOW	CA	92311	28080 BONANZA RD	BARSTOW CA 92311	San Bernardino
42730261	13220 CAMERON ST	VICTORVILLE	CA	92392	28085 BONANZA RD	BARSTOW CA 92311	San Bernardino
42730262	28050 CINNABAR RD	BARSTOW	CA	92311	28050 CINNABAR RD	BARSTOW CA 92311	San Bernardino
42730263	29021 RADIO RD	BARSTOW	CA	92311	34390 J ST	BARSTOW CA 92311	San Bernardino
42730264	34360 J ST	BARSTOW	CA	92311	34360 J ST	BARSTOW CA 92311	San Bernardino
42730265	1646 E PALO VERDE DR	PHOENIX	AZ	85016	34330 J ST	BARSTOW CA 92311	San Bernardino
42730266	34310 J ST	BARSTOW	CA	92311	34310 J ST	BARSTOW CA 92311	San Bernardino
42730272	34377 K ST	BARSTOW	CA	92311	34377 K ST	BARSTOW CA 92311	San Bernardino
42730273	P O BOX 670	HURON	CA		27875 AZURITE ST	BARSTOW CA 92311	San Bernardino
42730274	28035 BONANZA RD	BARSTOW	CA	92311	28035 BONANZA RD	BARSTOW CA 92311	San Bernardino
42730275	28028 CINNABAR RD	BARSTOW	CA	92311	28028 CINNABAR RD	BARSTOW CA 92311	San Bernardino
42730276	28029 AZURITE RD	BARSTOW	CA	92311	28029 AZURITE	BARSTOW CA 92311	San Bernardino
42730277	PO BOX 915	SALADO	TX		28038 BONANZA	BARSTOW CA 92311	San Bernardino
42730283	P O BOX 1230	BARSTOW	CA				San Bernardino
42730284	34339 K ST	BARSTOW	CA	92311	34339 K ST	BARSTOW CA 92311	San Bernardino
42802118	212 S PALM AVE STE 200	ALHAMBRA	CA	91801-3105			San Bernardino
42802119	212 S PALM AVE STE 200	ALHAMBRA	CA	91801-3105			San Bernardino
42802120	212 S PALM AVE STE 200	ALHAMBRA	CA	91801-3105			San Bernardino
42802121	212 S PALM AVE STE 200	ALHAMBRA	CA	91801-3105			San Bernardino
42818101	ADDRESS UNKNOWN						San Bernardino
48801103	ADDRESS UNKNOWN						San Bernardino
48801104	ADDRESS UNKNOWN						San Bernardino
48802105	PO BOX 12459	TAMUNING	GU	96913	0 2 MILES S ST.HWY 58	BARSTOW CA 92311	San Bernardino
48802109	3020 OLD RANCH PKWY STE 300	SEAL BEACH	CA	90740-2765			San Bernardino
48802110	4842 E CALLE VENTURA	PHOENIX	AZ	85018			San Bernardino
48802111	295 DEERLEAP CIR	HENDERSON	NV	89052			San Bernardino
48802112	6 LAKE SHORE DR	RANCHO MIRAGE	CA	92270			San Bernardino
48802139	350 K ST #418	SAN DIEGO	CA	92101			San Bernardino
48802140	11531 MORGAN LN	GARDEN GROVE	CA	92840			San Bernardino
48802141	35208 WILDWOOD CANYON RD	YUCAIPA	CA	92399			San Bernardino
48802142	2220 RICHELIEU AVE	LOS ANGELES	CA	90032			San Bernardino

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48802143	11222 MARIO LN	STANTON	CA	90680			San Bernardino
48802144	9892 ASHFORD AVE	WESTMINSTER	CA	92683			San Bernardino
48802145	15785 STANBROOK DR	LA MIRADA	CA	90638			San Bernardino
48802146	34020 HARROW HILL	WILDOMAR	CA	92595			San Bernardino
48802147	22032 FLATHEAD RD	APPLE VALLEY	CA	92307		HINKLEY CA 92347	San Bernardino
48802148	455 S ROSSMORE AVE	LOS ANGELES	CA	90020			San Bernardino
48802151	1520 KNOLL LAKE	SANTA ANA	CA	92705			San Bernardino
48802153	P O BOX 1084	HIGHLAND PARK	IL			HINKLEY CA 92347	San Bernardino
48802154	108 FRIA DR	FOLSOM	CA	95630			San Bernardino
48802155	321 E 22ND ST	COSTA MESA	CA	92627			San Bernardino
48802156	23201 MILL CREEK DR 3RD FLR	LAGUNA HILLS	CA	92653			San Bernardino
48802157	13970 SEMINOLE RD	APPLE VALLEY	CA	92307			San Bernardino
48803104	ADDRESS UNKNOWN						San Bernardino
48803105	ADDRESS UNKNOWN						San Bernardino
48804221	4777 LAUREL RIDGE DR	RIVERSIDE	CA	92509			San Bernardino
48804223	6036 DELAWARE PARK CT	CORONA	CA	92880		HINKLEY CA 92347	San Bernardino
48804224	1510 GARLAND CRESCENT PICKERING	ONTARIO	CANADA	L1V7B3			San Bernardino
48804228	3201 S FAIRFIELD DR	TEMPE	AZ	85282			San Bernardino
48804229	9710 LA ALBA DR	WHITTIER	CA	90603			San Bernardino
48804232	212 MEADOWLARK LN	DURANGO	CO	81303			San Bernardino
48804233	260 MORNINGSIDE DR	SAN FRANCISCO	CA	94132-1241			San Bernardino
48804234	15910 MEAGHER ST	FOUNTAIN VALLEY	CA	92708			San Bernardino
48804301	10329 JACKSON AVE	SOUTH GATE	CA	90280		HINKLEY CA 92347	San Bernardino
48804302	THE FLAXPOOL NR CROWCOMBE TAUNTON	SOMERSET	UK	TA4 4AW			San Bernardino
48804305	PO BOX 1501	HELENDALE	CA				San Bernardino
48804308	441 BROADMOOR AVE	LA PUENTE	CA	91744			San Bernardino
48804309	2884 JUNE PL	SAN BERNARDINO	CA	92407			San Bernardino
48804312	3131 STANTON DR	WEST VALLEY CITY	UT	84120			San Bernardino
48804313	1100 FRANKLIN ST 6TH FL	OAKLAND	CA	94607			San Bernardino
48804316	7800 E LINCOLN DR #2031	SCOTTSDALE	AZ	85250			San Bernardino
48804342	P O BOX 1510 LA	MIRADA	CA				San Bernardino
48804343	3595 INLAND EMPIRE BLVD BLDG 3	ONTARIO	CA				San Bernardino
48805101	ADDRESS UNKNOWN						San Bernardino
48806101	911 WILSHIRE BLVD	LOS ANGELES	CA	90017			San Bernardino
48806127	2005 PALO VERDE AVE	LONG BEACH	CA	90815			San Bernardino
48806130	7100 LOCH LOMOND DR	BETHESDA	MD	20817	35401 HILLVIEW RD	HINKLEY CA 92347	San Bernardino
48807425	10580 MUSCATEL ST	OAK HILLS	CA	92344			San Bernardino
48807426	P O BOX 1564	CHINO HILLS	CA				San Bernardino
48807436	777 E VALLEY BLVD # 147	ALHAMBRA	CA	91801			San Bernardino
48807437	14300 CLINTON ST NO 182	GARDEN GROVE	CA	92643			San Bernardino
48807438	18808 AGUIRO ST	ROWLAND HEIGHTS	CA	91748			San Bernardino
48807439	1401 SCARBAOUGH LN	ANAHEIM	CA	92804			San Bernardino
48807445	12632 KEEL AVE APT 4	GARDEN GROVE	CA	92843			San Bernardino
48807446	3120 AVENIDA MAGORIA	ESCONDIDO	CA	92029			San Bernardino
48807447	10853 LOCUST	BLOOMINGTON	CA	92316			San Bernardino
48807508	451 LINNIE CANAL	VENICE	CA	90291	0 HINKLEY RD	HINKLEY CA 92347	San Bernardino
48808101	6 COUNTRY LANE	ROLLING HILLS ESTATES	CA				San Bernardino
48808102	6 COUNTRY LANE	ROLLING HILLS ESTATES	CA				San Bernardino
48808103	6 COUNTRY LANE	ROLLING HILLS ESTATES	CA				San Bernardino
48808128	ADDRESS UNKNOWN						San Bernardino
48809106	PO BOX 770000	SAN FRANCISCO	CA		35426 TAMARACK ST	HINKLEY CA 92347	San Bernardino
48809107	15022 S JORDAN BLVD	HELENDALE	CA	92347	35374 TAMARACK RD	HINKLEY CA 92347	San Bernardino
48809108	P O BOX 306	HINKLEY	CA		22280 RIVERVIEW RD	HINKLEY CA 92347	San Bernardino
48809109	16306 ATLANTIC PL	PARAMOUNT	CA	90723	22122 RIVERVIEW RD	HINKLEY CA 92347	San Bernardino
48809111	14662 BURGUNDY LANE P O BOX 1501	HELENDALE	CA				San Bernardino
48809117	P O BOX 284	HINKLEY	CA				San Bernardino

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48809118	9065 SYDNEY CT #11013	SAN DIEGO	CA	92122			San Bernardino
48810106	7580 CARRIE RIDGE WAY	SAN DIEGO	CA	92139			San Bernardino
48810107	P O BOX 306	HINKLEY	CA		35350 MOUNTAIN VIEW RD	HINKLEY CA 92347	San Bernardino
48810108	P O BOX 302	HINKLEY	CA		35332 MOUNTAIN VIEW RD	HINKLEY CA 92347	San Bernardino
48810109	P O BOX 302	HINKLEY	CA		35331 TAMARACK RD	HINKLEY CA 92347	San Bernardino
48810110	P O BOX 306	HINKLEY	CA		35375 TAMARACK RD	HINKLEY CA 92347	San Bernardino
48810111	P O BOX 1386	REDLANDS	CA				San Bernardino
48811234	119 WINDEMERE ROAD	BOLTON BL4 OPV	ENGLAND				San Bernardino
48811235	37598 NEWCASTLE RD	MURRIETA	CA	92563-4704			San Bernardino
48811236	6851 EL SOL AVE 29	PALMS	CA	92277			San Bernardino
48811238	11085 E AVENUE	HESPERIA	CA		35481 FAIRVIEW RD	HINKLEY CA 92347	San Bernardino
48811239	1681 SANTA CRUZ AVE	SANTA CLARA	CA	95051			San Bernardino
48811244	P O BOX 7054 MC:B12G	SAN FRANCISCO	CA		35435 MOUNTAIN VIEW RD	HINKLEY CA 92347	San Bernardino
48811245	16209 CROWN VALLEY DR	APPLE VALLEY	CA	92307			San Bernardino
48811246	16209 CROWN VALLEY DR	APPLE VALLEY	CA	92307			San Bernardino
48811247	995 OAKHURST DR	SAN DIEGO	CA	92114			San Bernardino
48811248	6360 PLAZA CUERNAVACA	SAN DIEGO	CA	92114			San Bernardino
48811250	6360 PLAZA CUERNAVACA	SAN DIEGO	CA	92114			San Bernardino
48811251	16537 PINYON CIR	FOUNTAIN VALLEY	CA	92708			San Bernardino
48812102	24041 RIVER RD	HINKLEY	CA	92347	24041 RIVER RD	HINKLEY CA 92347	San Bernardino
48812104	25684 COMMUNITY BLVD	BARSTOW	CA	92311			San Bernardino
48812119	P O BOX 217	UPLAND	CA				San Bernardino
48812121	P O BOX 217	UPLAND	CA		35544 DIXIE RD	HINKLEY CA 92347	San Bernardino
48812130	24041 RIVER RD	HINKLEY	CA	92347			San Bernardino
48812131	24041 RIVER RD	HINKLEY	CA	92347			San Bernardino
48904105	911 WILSHIRE BLVD	LOS ANGELES	CA	90017			San Bernardino
48905101	ADDRESS UNKNOWN						San Bernardino
48905102	ADDRESS UNKNOWN						San Bernardino
48905103	ADDRESS UNKNOWN						San Bernardino
48905104	911 WILSHIRE BLVD	LOS ANGELES	CA	90017			San Bernardino
48906109	ADDRESS UNKNOWN						San Bernardino
48906116	ADDRESS UNKNOWN						San Bernardino
48906124	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
48906126	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
48906127	911 WILSHIRE BLVD	LOS ANGELES	CA	90017			San Bernardino
48907101	ADDRESS UNKNOWN						San Bernardino
48907106	ADDRESS UNKNOWN						San Bernardino
48907107	ADDRESS UNKNOWN						San Bernardino
48908233	ADDRESS UNKNOWN						San Bernardino
48908234	1374 CARMEN DR	BARSTOW	CA	92311			San Bernardino
48908238	ADDRESS UNKNOWN						San Bernardino
48908329	11365 CAMAROSA CIR	SAN DIEGO	CA	92126			San Bernardino
48908330	12 RICHARDS	LARWENCVILL	NJ	8648			San Bernardino
48908333	BOX 6403	BIG BEAR LAKE	CA				San Bernardino
48908334	14208 N DRIFTWOOD CT	SUN CITY	AZ	85351-2366			San Bernardino
48908344	P O BOX 44296	PANORAMA CITY	CA				San Bernardino
48908348	5824 MERIDIAN ST	LOS ANGELES	CA	90042			San Bernardino
48908374	602 HULSE RD	PORT ANGELES	WA	98362			San Bernardino
48908375	976 HOLLY AVE	IMPERIAL BEACH	CA	91932			San Bernardino
48919225	3142 PACIFIC COAST HWY STE 200	TORRANCE	CA	90505			San Bernardino
48919226	PO BOX 1405	APPLE VALLEY	CA				San Bernardino
48919228	ADDRESS UNKNOWN						San Bernardino
48919330	ADDRESS UNKNOWN						San Bernardino
48919331	20455 HALSTEAD RD	HINKLEY	CA	92347	20455 HALSTEAD RD	HINKLEY CA 92347	San Bernardino
48919332	4000 MACARTHUR BLVD STE 600	NEWPORT BEACH	CA	92660	20611 HALSTEAD RD	HINKLEY CA 92347	San Bernardino
48919333	22372 AMBER EVE DR	CORONA	CA	92883	0 HALSTEAD RD	HINKLEY CA 92347	San Bernardino

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48919334	223 ARMSLEY SQ	ONTARIO	CA	91762	20800 HALSTEAD RD	HINKLEY CA 92347	San Bernardino
48919335	6722 VANPORT AVE	WHITTIER	CA	90606	21102 HALSTEAD RD	HINKLEY CA 92347	San Bernardino
48919336	911 WILSHIRE BLVD	LOS ANGELES	CA	90017			San Bernardino
48919337	911 WILSHIRE BLVD	LOS ANGELES	CA	90017			San Bernardino
48919338	4705 LAUREL RIDGE	RIVERSIDE	CA	92509-5454			San Bernardino
49012116	1451 S WHITEGATE RD	ANAHEIM	CA	92804-6055	41374 HARPER LAKE RD	HINKLEY CA 92347	San Bernardino
49012117	13206 WIMBERLY SQUARE # 171	SAN DIEGO	CA	92128			San Bernardino
49012118	700 UNIVERSE BLVD	JUNO BEACH	FL				San Bernardino
49012122	2207 DEERPARK DR	FULLERTON	CA	92831			San Bernardino
49012123	15940 AURORA CREST DR	WHITTIER	CA	90605			San Bernardino
49012124	700 UNIVERSE BLVD	JUNO BEACH	FL				San Bernardino
49012125	3845 AMARGON RD	ATASCADERO	CA	93422			San Bernardino
49012126	711 W 17TH ST D-5	COSTA MESA	CA	92627			San Bernardino
49012137	6129 ANDALUSIA AVE	RIVERSIDE	CA	92509	41234 HARPER LAKE RD	HINKLEY CA 92347	San Bernardino
49012138	6129 ANDALUSIA AVE	RIVERSIDE	CA	92509	41246 HARPER LAKE RD	HINKLEY CA 92347	San Bernardino
49012149	1553 W TODD DR STE 204	TEMPE	AZ	85283			San Bernardino
49014204	PO BOX 694	OCCIDENTAL	CA				San Bernardino
49014205	ADDRESS UNKNOWN						San Bernardino
49014209	P O BOX 925	TEMECULA	CA				San Bernardino
49014215	15900 KENNEDY RD	LOS GATOS	CA	95032			San Bernardino
49014224	P O BOX 486	VISTA	CA				San Bernardino
49014254	1447 FRANKLIN ST #3	SANTA MONICA	CA	90404			San Bernardino
49015101	8670 SAN SERVERA DR W	JACKSONVILLE	FL				San Bernardino
49015107	PO BOX 1405	APPLE VALLEY	CA				San Bernardino
49016101	423 N IVY	MONROVIA	CA	91016			San Bernardino
49016102	17316 SIGNATURE DR	GRANADA HILLS	CA	91344	0 ROY ST	HINKLEY CA 92347	San Bernardino
49016103	6621 COLDWATER CYN AVE	NORTH HOLLYWOOD	CA	91606			San Bernardino
49016104	9817 BEARPAW AVE	LAS VEGAS	NV	89117			San Bernardino
49016132	2131 WALNUT GROVE AVE 2ND FL	ROSEMEAD	CA	91770	40999 LARSON AVE	HINKLEY CA 92347	San Bernardino
49017101	9002 PARAMOUNT BLVD	DOWNEY	CA	90240	315 ROX RD	HINKLEY CA 92347	San Bernardino
49017105	122 MARINE AVE	BALBOA ISLAND	CA	92662-1202			San Bernardino
49017106	3546 ROSE CANYON DR N	LAS VEGAS	NV	89032			San Bernardino
49017126	511 W HACIENDA	CORONA	CA	92882			San Bernardino
49017129	17202 LYNN ST	HUNTINGTON BEACH	CA	92649			San Bernardino
49017130	PO BOX 431	MIRA LOMA	CA				San Bernardino
49018333	PO BOX 1405	APPLE VALLEY	CA				San Bernardino
49018340	533 HILL ST	INGLEWOOD	CA				San Bernardino
49018341	17102 SAMGERRY DR	LA PUENTE	CA	91744			San Bernardino
49018342	28242 WHIPPOORWILL CIR	SHINGLETOWN	CA	96088			San Bernardino
49018343	2370 N VERMONT AVE	LOS ANGELES	CA	90027			San Bernardino
49018344	41007 W 22ND ST	PALMDALE	CA	93551			San Bernardino
49018345	41007 W 22ND ST	PALMDALE	CA	93551			San Bernardino
49018437	ADDRESS UNKNOWN						San Bernardino
49018438	ADDRESS UNKNOWN						San Bernardino
49019110	107 SERRES DR	SONOMA	CA	95476			San Bernardino
49019117	P O BOX 330	ESCONDIDO	CA				San Bernardino
49019118	22600 CLAREDON ST	WOODLAND HILLS	CA	91367			San Bernardino
49019121	PO BOX 17715	SAN DIEGO	CA				San Bernardino
49019124	P O BOX 1510 LA	MIRADA	CA				San Bernardino
49020106	ADDRESS UNKNOWN						San Bernardino
49020107	ADDRESS UNKNOWN						San Bernardino
49104116	12227 198 AVE NE	WOODINVILLE	WA				San Bernardino
49104120	300 SOUTH SPRING STREET SUITE 500	LOS ANGELES	CA				San Bernardino
49104121	300 SOUTH SPRING STREET SUITE 500	LOS ANGELES	CA				San Bernardino
49104126	300 SOUTH SPRING STREET SUITE 500	LOS ANGELES	CA				San Bernardino
49104127	300 SOUTH SPRING STREET SUITE 500	LOS ANGELES	CA				San Bernardino

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49104128	300 SOUTH SPRING STREET SUITE 500	LOS ANGELES	CA				San Bernardino
49104129	1807 13TH STREET SUITE 103	SACRAMENTO	CA				San Bernardino
49109101	ADDRESS UNKNOWN						San Bernardino
49109105	7009 ALAMOSA WAY	LAS VEGAS	NV	89128	42711 US HWY 395	BORON CA 93516	San Bernardino
49109107	3870 MURPHY CANYON RD STE 150	SAN DIEGO	CA	92123			San Bernardino
49109107	3870 MURPHY CANYON RD STE 150	SAN DIEGO	CA	92123			San Bernardino
49109116	1715 ROLLING HILLS DR	PRESCOTT	AZ	86303			San Bernardino
49109118	8142 CALPELLA AVE	HESPERIA	CA	92345			San Bernardino
49109144	5415 E DAGGETT ST	LONG BEACH	CA	90815			San Bernardino
49109148	UNKNOWN ADDRESS						San Bernardino
49110106	5701 CLEVELAND ST SUITE 350	VIRGINIA BEACH	VA				San Bernardino
49110115	5701 CLEVELAND ST STE 350	VIRGINIA BEACH	VA	23462			San Bernardino
49110116	700 UNIVERSE BLVD	JUNO BEACH	FL				San Bernardino
49110118	700 UNIVERSE BLVD	JUNO BEACH	FL				San Bernardino
49110118	700 UNIVERSE BLVD	JUNO BEACH	FL				San Bernardino
49110119	700 UNIVERSE BLVD	JUNO BEACH	FL				San Bernardino
49110120	ADDRESS UNKNOWN						San Bernardino
49113101	464 W 4TH ST 6TH FL	SAN BERNARDINO	CA	92401-1400	0 HIGHWAY 58	KRAMER JUNCTION CA 92347	San Bernardino
49113102	2601 BARSTOW RD	BARSTOW	CA	92311			San Bernardino
49114106	ADDRESS UNKNOWN						San Bernardino
49114109	PO BOX 1405	APPLE VALLEY	CA				San Bernardino
49114110	404 E 66TH ST 12-D	NEW YORK	NY	10021			San Bernardino
49114111	838 ARLEN CT	VISALIA	CA	93277			San Bernardino
49114119	PO BOX 66458	SCOTTS VALLEY	CA				San Bernardino
49114132	PO BOX 3694	VICTORVILLE	CA				San Bernardino
49114144	4449 LA RICA AVE	BALDWIN PARK	CA	91706			San Bernardino
49114171	P O BOX 1935	HAGATNA	GU				San Bernardino
49114172	21511 148TH ST E	BONNEY LAKE	WA				San Bernardino
49115105	1807 13TH STREET SUITE 103	SACRAMENTO	CA				San Bernardino
49115110	251 GINKO TER	SUNNYVALE	CA	94086			San Bernardino
49115111	PO BOX 6622	WOODLAND HILLS	CA		0 HWY 395	KRAMER JUNCTION CA 93516	San Bernardino
49115112	PO BOX 6622	WOODLAND HILLS	CA			KRAMER JUNCTION CA 93516	San Bernardino
49115114	ADDRESS UNKNOWN						San Bernardino
49115115	300 SOUTH SPRING STREET SUITE 500	LOS ANGELES	CA				San Bernardino
49115116	2526 BELLCHASE DR	MANTECA	CA	95336			San Bernardino
49115119	32724 COASTSITE DR UNIT 206	RANCHO PALOS VER	CA	90274			San Bernardino
49115127	PO BOX 2917	HELENDALE	CA				San Bernardino
49115128	P O BOX 2193	TAHACHAPI	CA				San Bernardino
49115129	P.O. BOX 2193	TEHACHAPI	CA				San Bernardino
49115138	700 UNIVERSE BLVD	JUNO BEACH	FL				San Bernardino
49115138	700 UNIVERSE BLVD	JUNO BEACH	FL				San Bernardino
49116410	15210 N SCOTTSDALE RD STE 230	SCOTTSDALE	AZ	85254			San Bernardino
49117103	P O BOX 54470 STORE 200	LEXINGTON	KY				San Bernardino
49117104	P O BOX 54470 STORE 200	LEXINGTON	KY				San Bernardino
49117105	40716 HIGHWAY 395 STORE # 200	BORON	CA				San Bernardino
49117106	15210 N SCOTTSDALE RD STE 230	SCOTTSDALE	AZ	85254			San Bernardino
49117107	15210 N SCOTTSDALE RD STE 230	SCOTTSDALE	AZ	85254			San Bernardino
49117108	170 S MAIN ST STE 750	SALT LAKE CITY	UT	84101			San Bernardino
49117135	607 COVINGTON AVE	SIMI VALLEY	CA	93065			San Bernardino
49121104	4603 HURFORD TER	ENCINO	CA	91436	0 FARMINGTON RD	KRAMER JUNCTION CA 93516	San Bernardino
49121106	17202 LYNN ST	HUNTINGTON BEACH	CA	92649	0 HWY 395	KRAMER JUNCTION CA 93516	San Bernardino
49121107	880 N MINSTREL RD	SEQUIM	WA	98382-3077			San Bernardino
49121202	976 N 2500 W	HURRICANE	UT				San Bernardino
49121207	17310 GRESHAM ST	NORTHRIDGE	CA	91325	0 HWY 395	KRAMER JUNCTION CA 93516	San Bernardino
49121208	PO BOX 431	MIRA LOMA	CA		0 FARMINGTON RD	KRAMER JUNCTION CA 93516	San Bernardino
49121210	6994 CROOKED FINGER RD NE	SCOTTS MILLS	OR				San Bernardino

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49121211	4428 JUTLAND DR	SAN DIEGO	CA	92117			San Bernardino
49201203	ADDRESS UNKNOWN						San Bernardino
49203230	PO BOX 41865	LONG BEACH	CA				San Bernardino
49203237	P O BOX 8063	TUMACACORI	AZ				San Bernardino
49203240	125 EAST 8TH ST	HAMILTON ONTARIO	CANADA	L9A 4Y7			San Bernardino
49203241	URSPRUNGSTRASSE 4	ANDELFINGEW		8450			San Bernardino
49203248	18928 KILFINAN ST	PORTER RANCH	CA	91326			San Bernardino
49204101	ADDRESS UNKNOWN						San Bernardino
49204102	ADDRESS UNKNOWN						San Bernardino
49205101	ADDRESS UNKNOWN						San Bernardino
49205125	ADDRESS UNKNOWN						San Bernardino
49205180	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49205181	8126 SILVER BRIDGE RD	PALO CEDRO	CA	96073			San Bernardino
49205182	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49205186	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49205190	700 UNIVERSE BLVD	JUNO BEACH	FL				San Bernardino
49205191	700 UNIVERSE BLVD	JUNO BEACH	FL	33408-2683			San Bernardino
49206101	ADDRESS UNKNOWN						San Bernardino
49206111	ADDRESS UNKNOWN						San Bernardino
49206113	ADDRESS UNKNOWN						San Bernardino
49206122	960 E ADA AVE	GLENDORA	CA	91741			San Bernardino
49206127	3595 INLAND EMPIRE BLVD BLDG 3	ONTARIO	CA				San Bernardino
49206128	21911 DOTAME	APPLE VALLEY	CA	92307			San Bernardino
49206129	402 DOVE LN	PETALUMA	CA	94954			San Bernardino
49206130	86 KNOLLVIEW CT	SIMI VALLEY	CA	93065			San Bernardino
49207107	6221 BOX SPRINGS BLVD	RIVERSIDE	CA	92507			San Bernardino
49212101	ADDRESS UNKNOWN						San Bernardino
49212102	ADDRESS UNKNOWN						San Bernardino
49212106	ADDRESS UNKNOWN						San Bernardino
49212107	ADDRESS UNKNOWN						San Bernardino
49212112	2062 P O BOX	PALM SPRINGS	CA				San Bernardino
49213101	ADDRESS UNKNOWN						San Bernardino
49213102	ADDRESS UNKNOWN						San Bernardino
49213105	ADDRESS UNKNOWN						San Bernardino
49213107	ADDRESS UNKNOWN						San Bernardino
49213116	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49213117	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49213118	P O BOX 2700	CALIFORNIA CITY	CA				San Bernardino
49213119	P O BOX 2700	CALIFORNIA CITY	CA				San Bernardino
49213124	ADDRESS UNKNOWN						San Bernardino
49213124	ADDRESS UNKNOWN						San Bernardino
49214101	ADDRESS UNKNOWN						San Bernardino
49215101	ADDRESS UNKNOWN						San Bernardino
49216101	ADDRESS UNKNOWN						San Bernardino
49217101	ADDRESS UNKNOWN						San Bernardino
49218101	ADDRESS UNKNOWN						San Bernardino
49219102	40716 HIGHWAY 395	BORON	CA	93516			San Bernardino
49219103	40716 HIGHWAY 395	BORON	CA	93516	40716 HWY 395	KRAMER JUNCTION CA 93516	San Bernardino
49219104	40716 HIGHWAY	BORON	CA	93516	40808 HIGHWAY 395	KRAMER JUNCTION CA 93516	San Bernardino
49219105	STAR RT KRAMER JUNCTION	BORON	CA				San Bernardino
49219106	40716 HIGHWAY 395	BORON	CA	93516			San Bernardino
49219107	ADDRESS UNKNOWN						San Bernardino
49219212	40716 HIGHWAY 395	BORON	CA	93516	40661 HWY 395	KRAMER JUNCTION CA 93516	San Bernardino
49219215	25831 CHERRY HILL DR	BORON	CA	93516	0 HWY 395	BORON CA 93516	San Bernardino
49219218	25831 CHERRY HILL DR	BORON	CA	93516	5955 SALTON RD	BORON CA 93516	San Bernardino
49219218	25831 CHERRY HILL DR	BORON	CA	93516	5955 SALTON RD	BORON CA 93516	San Bernardino

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49219222	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49219223	25831 CHERRY HILL DR	BORON	CA	93516			San Bernardino
49219225	25831 CHERRY HILL DR	BORON	CA	93516			San Bernardino
49219226	25831 CHERRY HILL DR	BORON	CA	93516			San Bernardino
49219230	25831 CHERRY HILL DR	BORON	CA	93516			San Bernardino
49219231	25831 CHERRY HILL DR	BORON	CA	93516	5852 HWY 58	KRAMER JUNCTION CA 93516	San Bernardino
49219233	4443 S HUACHUCA WAY	CHANDLER	AZ	85249	40669 US HWY 395	KRAMER JUNCTION CA 93516	San Bernardino
49219304	25831 CHERRY HILL DR	BORON	CA	93516			San Bernardino
49219305	ADDRESS UNKNOWN						San Bernardino
49219309	25831 CHERRY HILL DR	BORON	CA	93516	6158 HIGHWAY 58	KRAMER JUNCTION CA 93516	San Bernardino
49219310	25831 CHERRY HILL DR	BORON	CA	93516	6158 HIGHWAY 58	KRAMER JUNCTION CA 93516	San Bernardino
49219312	P O BOX 51111	LOS ANGELES	CA				San Bernardino
49219405	ADDRESS UNKNOWN						San Bernardino
49219410	1851 W VALENCIA DR	FULLERTON	CA	92833			San Bernardino
49219412	P O BOX 54470 STORE 200	LEXINGTON	KY		5725 HWY 58	KRAMER JUNCTION CA 93516	San Bernardino
49219413	40716 HIGHWAY 395	BORON	CA	93516			San Bernardino
49220101	ADDRESS UNKNOWN						San Bernardino
49220101	ADDRESS UNKNOWN						San Bernardino
49220102	ADDRESS UNKNOWN						San Bernardino
49220105	ADDRESS UNKNOWN						San Bernardino
49220107	315 CORREAS ST	HALF MOON BAY	CA	94019			San Bernardino
49229149	P O BOX 51111	LOS ANGELES	CA		0 LADWP		San Bernardino
49229150	5434 BAROQUE DR	HOLIDAY	FL	34690			San Bernardino
49229151	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49229153	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49229155	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49229156	43619 N 17TH ST W #103	LANCASTER	CA	93534			San Bernardino
49229157	P O BOX 51111	LOS ANGELES	CA		0 LADWP		San Bernardino
49229159	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49229161	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49229163	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49229164	700 UNIVERSE BLVD	JUNO BEACH	FL				San Bernardino
49229165	P O BOX 51111	LOS ANGELES	CA				San Bernardino
49229166	P O BOX 51111	LOS ANGELES	CA				San Bernardino
49229169	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49229170	3428 AUTUMN DRIVE	DORAVILLE	GA				San Bernardino
49229171	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49229172	414 ALTA VISTA AVE	FAIRMONT	WV	26554			San Bernardino
49229173	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49229174	19926 SEAGULL WAY	SARATOGA	CA	95070			San Bernardino
49229175	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49229176	3501 WILD BERRY WAY	VALRICO	FL	33594			San Bernardino
49229177	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49229178	3209 HUMBOLT AVE	SANTA CLARA	CA	95051			San Bernardino
49229179	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49229180	2056 MULLHOLLAND DR	BULLHEAD	AZ	86426			San Bernardino
49229181	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49229182	2056 MULHOLLAND DR	BULLHEAD	AZ	86426			San Bernardino
49229183	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49229184	1389 KENILWOOD LN	DEERFIELD	IL	60015			San Bernardino
49229185	P O BOX 51111	LOS ANGELES	CA				San Bernardino
49229187	10522 W PICO BLVD	LOS ANGELES	CA	90064			San Bernardino
49229188	P O BOX 51111 RM 1208	LOS ANGELES	CA				San Bernardino
49234104	351 VERANO DR	OJAI	CA	93023			San Bernardino
49234105	2507 WALNUT CREEK PKWY	WEST COVINA	CA	91791			San Bernardino
49234106	2507 WALNUT CREEK PKWY	WEST COVINA	CA	91791			San Bernardino

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49234107	8086 PEACH AVE	HESPERIA	CA	92345			San Bernardino
49234108	4261 LOCKHAVEN LN	RIVERSIDE	CA	92505			San Bernardino
49234205	18521 E QUEEN CREEK RD STE# 105-02	QUEEN CREEK	AZ				San Bernardino
49234206	8051 JASON AVE	WEST HILLS	CA	91304			San Bernardino
49234207	208 FARWAY DR	ACWORTH	GA	30101			San Bernardino
49234209	25221 HARTOG ST	LAGUNA HILLS	CA	92653			San Bernardino
49234210	31320 BRAE BURN AVE	HAYWARD	CA	94544			San Bernardino
49234211	21140 HIGHWAY 18	APPLE VALLEY	CA	92307			San Bernardino
49235106	3012 GREENLEAF STREET	WEST COVINA	CA	91792			San Bernardino
49235107	14467 RIMGATE CT	SAN DIEGO	CA	92129			San Bernardino
49235108	10787 JEANNE TERRACE ST NO C	SANTEE	CA	92071			San Bernardino
49235109	13701 ANNENDALE DR 14-B	SEAL BEACH	CA	90740			San Bernardino
49235110	24001 MUIRLANDS #145	LAKE FOREST	CA	92630			San Bernardino
49235208	14904 LINDHALL WAY	WHITTIER	CA	90604			San Bernardino
49235209	23201 MILL CREEK DR 3RD FL	LAGUNA HILLS	CA	92653			San Bernardino
49237103	13199 BEAR MOUNTAIN RD	REDDING	CA	96003			San Bernardino
49237104	PO BOX 1031	ATWOOD	CA				San Bernardino
49237105	13743 VENTURA BLVD #290	SHERMAN OAKS	CA	91423			San Bernardino
49237106	941 22ND ST	SANTA MONICA	CA	90403			San Bernardino
49237107	3466 DATA DR #916	RANCHO CORDOVA	CA	95670			San Bernardino
49237207	P O BOX 21012	BULLHEAD CITY	AZ				San Bernardino
49237208	1345 W 123RD ST	LOS ANGELES	CA	90044			San Bernardino
49237209	1112 E 520 RD	MORRISVILLE	MO	65710			San Bernardino
49237210	3595 INLAND EMPIRE BLVD BLDG 3	ONTARIO	CA				San Bernardino
49238110	4902 E CALLE DEL NORTE	PHOENIX	AZ	85018			San Bernardino
49301104	ADDRESS UNKNOWN						San Bernardino
49301105	ADDRESS UNKNOWN						San Bernardino
49301107	7780 NORCANYON WAY	SAN DIEGO	CA	92126			San Bernardino
49301116	PO BOX 2411	LA HABRA	CA				San Bernardino
49301121	1015 W 68TH TERRACE	KANSAS CITY	MO	64113			San Bernardino
49301122	2102 BLAIRMONT DR UPPER	ST CLAIR	PA	15241			San Bernardino
49301134	5635 DELANO AVE	SAN DIEGO	CA	92120			San Bernardino
49301135	P O BOX 491	LA VERNE	CA				San Bernardino
49301139	1504 BRYN MAWR AVE	LAS VEGAS	NV	89102			San Bernardino
49301140	1065 LOMITA BLVD SP 221	HARBOR CITY	CA	90710			San Bernardino
49301141	3595 INLAND EMPIRE BLVD BLDG 3	ONTARIO	CA				San Bernardino
49301142	2095 ST THOMAS	CAMBRIA	CA	93428			San Bernardino
49301143	2085 ROYAL WAY	SAN LUIS OBISPO	CA	93405			San Bernardino
49301146	23201 MILL CREEK DR 3RD FL	LAGUNA HILLS	CA	92653			San Bernardino
49301149	1140 S ALFRED ST	LOS ANGELES	CA	90035			San Bernardino
49301150	13250 E PHILADELPHIA ST #302	WHITTIER	CA	90601-5322			San Bernardino
49301158	11181 FAME AVE	GARDEN GROVE	CA	92840			San Bernardino
49301164	142 PARK SHADOWS	BALDWIN PARK	CA	91706			San Bernardino
49301165	13301 COUNTRY TRAILS LN	AUSTIN	TX	78732			San Bernardino
49301172	3530 BEAR DR	SAN DIEGO	CA	92103			San Bernardino
49301175	PO BOX 741	SIMI VALLEY	CA				San Bernardino
49309103	ADDRESS UNKNOWN						San Bernardino
49501108	ADDRESS UNKNOWN						San Bernardino
49501180	P O BOX 51111	LOS ANGELES	CA		0 LADWP		San Bernardino
49501182	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49501184	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49501186	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49501187	135 HIETT CT	FAYETTEVILLE	GA	30214			San Bernardino
49501188	P O BOX 111 ROOM 1203	LOS ANGELES	CA		0 SCPPA		San Bernardino
49501189	911 WILSHIRE BLVD	LOS ANGELES	CA	90017			San Bernardino
49501190	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino

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49501191	1510 MONET CT	OXNARD	CA	93033			San Bernardino
49511205	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49511219	ADDRESS UNKNOWN						San Bernardino
49511224	P O BOX 770000	SAN FRANCISCO	CA		40400 HINKLEY RD	HINKLEY CA 92347	San Bernardino
49511228	PO BOX 770000	SAN FRANCISCO	CA		40222 HINKLEY RD	HINKLEY CA 92347	San Bernardino
49511229	PO BOX 770000	SAN FRANCISCO	CA		0 HINKLEY RD	HINKLEY CA 92347	San Bernardino
49511232	P O BOX 770000	SAN FRANCISCO	CA		21801 BURNT TREE RD	HINKLEY CA 92347	San Bernardino
49511242	P O BOX 51111	LOS ANGELES	CA				San Bernardino
49511243	P O BOX 51111	LOS ANGELES	CA				San Bernardino
49511246	P O BOX 51111	LOS ANGELES	CA		0 LADWP		San Bernardino
49511247	11243 ARROWOOD ST	ARCADIA	CA	91006			San Bernardino
49511248	P O BOX 51111	LOS ANGELES	CA		0 LADWP		San Bernardino
49511250	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49511252	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49511254	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49511255	113 W MINARETS	PINEDALE	CA	93650		HINKLEY CA 92347	San Bernardino
49511256	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49511258	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49511259	21515 HALSTEAD RD	HINKLEY	CA	92347	21515 HOLSTEAD RD	HINKLEY CA 92347	San Bernardino
49511260	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49511262	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49511263	13043 CHOCO RD	APPLE VALLEY	CA	92308			San Bernardino
49511264	P O BOX 51111	LOS ANGELES	CA		0 LADWP		San Bernardino
49511266	P O BOX 51111	LOS ANGELES	CA		0 LADWP		San Bernardino
49511267	17100 BEAR VALLEY RD STE B #186	VICTORVILLE	CA				San Bernardino
49511268	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49511269	1123 E IDAHOME ST	WEST COVINA	CA	91722			San Bernardino
49511270	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49511271	1147 W STRUCK AVE	ORANGE	CA	92867			San Bernardino
49511272	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49511273	18837 MALDEN ST	NORTHRIDGE	CA	91324			San Bernardino
49511274	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49511275	P O BOX 7054 / MC B12G	SAN FRANCISCO	CA		0 HOLSTEAD RD	HINKLEY CA 92347	San Bernardino
49511276	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49511277	17260 BEAR VALLEY RD NO 110	VICTORVILLE	CA	92395			San Bernardino
49511278	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49511279	13243 WOODCOCK AVE	SYLMAR	CA	91342			San Bernardino
49514202	ADDRESS UNKNOWN						San Bernardino
49514224	P O BOX 51111	LOS ANGELES	CA		0 LADWP		San Bernardino
49514226	P O BOX 51111	LOS ANGELES	CA		0 LADWP		San Bernardino
49514228	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49514229	3496 BUDLEIGH DR	HACIENDA HEIGHTS	CA	91745			San Bernardino
49514230	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49514232	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49514233	1645 DWIGHT WAY	BERKELEY	CA	94703			San Bernardino
49514234	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49514235	1605 KIT LN W	BILLINGS	MT	59106		HINKLEY CA 92347	San Bernardino
49514236	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49514237	3308 ARDEN WAY	CHINO HILLS	CA	91709			San Bernardino
49514238	P O BOX 111 RM 1203	LOS ANGELES	CA				San Bernardino
49514239	11261 HEWITT AVE	SAN FERNANDO	CA	91340			San Bernardino
49515101	ADDRESS UNKNOWN						San Bernardino
49515118	P O BOX 51111	LOS ANGELES	CA		0 LADWP		San Bernardino
49515119	P O BOX 6548	BURBANK	CA				San Bernardino
49515120	P O BOX 51111	LOS ANGELES	CA				San Bernardino
49515122	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino

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49515123	BOX 1837	BARSTOW	CA				San Bernardino
49515124	P O BOX 51111	LOS ANGELES	CA		0 LADWP		San Bernardino
49515125	341 MEATS AVE	ORANGE	CA	92665			San Bernardino
49515126	P O BOX 51111	LOS ANGELES	CA				San Bernardino
49515127	2722 DOUBLETREE	ROWLAND HTS	CA	91748			San Bernardino
49515128	P O BOX 51111	LOS ANGELES	CA		0 LADWP		San Bernardino
49515129	1477 FLINTROCK RD	HENDERSON	NV	89014-3042			San Bernardino
49515130	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49515131	3173 VIA VISTA UNIT B	LAGUNA WOODS	CA	92637			San Bernardino
49515132	P O BOX 51111	LOS ANGELES	CA		0 LADWP		San Bernardino
49515133	37114 TORRES AVE	BARSTOW	CA	92311			San Bernardino
49515134	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49515135	P O BOX 39283	PHOENIX	AZ				San Bernardino
49601104	ADDRESS UNKNOWN						San Bernardino
49601165	P O BOX 51111	LOS ANGELES	CA				San Bernardino
49601167	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49601168	1540 S RUNYAN ST	LA HABRA	CA	90631			San Bernardino
49601169	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49601171	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49601172	P O BOX 1510 LA	MIRADA	CA				San Bernardino
49601173	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49601174	901 ANDERSON WAY	SAN GABRIEL	CA	91776-2354			San Bernardino
49601176	9777 WILSHIRE BLVD STE 517	BEVERLY HILLS	CA	90212			San Bernardino
49602201	ADDRESS UNKNOWN						San Bernardino
49602218	ADDRESS UNKNOWN						San Bernardino
49602223	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49602224	17865 AVE PUERTO VALLARTA	ENCINO	CA	91316			San Bernardino
49602225	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49602226	P O BOX 1510 LA	MIRADA	CA				San Bernardino
49602227	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49602229	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49602230	6320 CANOGA AVE STE 1500	WOODLAND HILLS	CA	91367			San Bernardino
49605117	ADDRESS UNKNOWN						San Bernardino
49605156	473 N LALUNA AVE	OJAI	CA	93023	0 SANTA FE AVE	HINKLEY CA 92347	San Bernardino
49605160	P O BOX 51111	LOS ANGELES	CA				San Bernardino
49605162	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49605164	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49605165	2006 OLD HIGHWAY 395	FALLBROOK	CA	92028			San Bernardino
49605166	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49605168	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49605170	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49605171	1861 BALSA WOOD DR	HEMET	CA	92545			San Bernardino
49605172	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49605173	41590 VIA ANITA	TEMECULA	CA	92592			San Bernardino
49605174	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49605175	6407 W 83RD STREET	WESTCHESTER	CA				San Bernardino
49605176	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
49605177	40892 HARPER LAKE RD	HINKLEY	CA	92347	40892 HARPER LAKE RD	HINKLEY CA 92347	San Bernardino
49709104	12823 MOORSHIRE DR	CERRITOS	CA	90703	35236 LENWOOD RD	BARSTOW CA 92311	San Bernardino
49709116	825 E 3RD ST	SAN BERNARDINO	CA	92415			San Bernardino
49709119	24704 AGATE RD	BARSTOW	CA	92311	24704 AGATE RD	BARSTOW CA 92311	San Bernardino
49709121	P O BOX 1032	CUDAHY	CA				San Bernardino
49709122	825 E THIRD ST	SAN BERNARDINO	CA	92415			San Bernardino
49709123	439 W 229TH ST	CARSON	CA	90745			San Bernardino
49709124	1729 FORANE	BARSTOW	CA	92311			San Bernardino
49709130	825 E THIRD ST	SAN BERNARDINO	CA	92415			San Bernardino

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49709131	P O BOX 1089	APPLE VALLEY	CA		24185 RIVERVIEW RD	HINKLEY CA 92347	San Bernardino
49709132	825 E THIRD ST	SAN BERNARDINO	CA	92415			San Bernardino
49711202	4695 ELLINGTON ST	VENTURA	CA	93003	35453 LENWOOD RD	GRANDVIEW CA 92311	San Bernardino
49711207	25184 AGATE RD	BARSTOW	CA	92311	25184 AGATE RD	GRANDVIEW CA 92311	San Bernardino
49711208	25208 AGATE RD	BARSTOW	CA	92311	25208 AGATE RD	BARSTOW CA 92311	San Bernardino
49711210	24241 BARK ST	LAKE FOREST	CA	92630	25284 AGATE RD	GRANDVIEW CA 92311	San Bernardino
49711211	108 PARKWAY	BARSTOW	CA	92311	25296 AGATE RD	GRANDVIEW CA 92311	San Bernardino
49711213	35461 CARMEL CT	BARSTOW	CA	92311	35461 CARMEL CT	BARSTOW CA 92311	San Bernardino
49711214	35423 CARMEL CT	BARSTOW	CA	92311			San Bernardino
49711215	1728 YOUNG ST	BARSTOW	CA	92311	35423 CARMEL CT	BARSTOW CA 92311	San Bernardino
49711226	25266 AGATE RD	BARSTOW	CA	92311	25252 AGATE RD	BARSTOW CA 92311	San Bernardino
49711228	25046 AGATE RD	BARSTOW	CA	92311	25046 AGATE RD	GRANDVIEW CA 92311	San Bernardino
49711229	25050 AGATE RD	BARSTOW	CA	92311	25050 AGATE RD	GRANDVIEW CA 92311	San Bernardino
49711230	18 COPPS HILL ST	LAGUNA NIGUEL	CA	92677-4705	25088 AGATE RD	GRANDVIEW CA 92311	San Bernardino
49711238	P O BOX 502	RIDGECREST	CA		35386 CARMEL CT	BARSTOW CA 92311	San Bernardino
49711239	35434 CARMEL CT	BARSTOW	CA	92311	35434 CARMEL CT	BARSTOW CA 92311	San Bernardino
49711241	P O BOX F I	BARSTOW	CA		35395 CARMEL CT	BARSTOW CA 92311	San Bernardino
49711302	300 E STATE ST STE 200	REDLANDS	CA	92373			San Bernardino
49711303	2494 W MAIN ST SP # 13	BARSTOW	CA	92311			San Bernardino
49711303	2494 W MAIN ST SP # 13	BARSTOW	CA	92311			San Bernardino
49711305	1605 W FLOWER AVE	FULLERTON	CA	92833	35421 CEDAR RD	LENWOOD CA 92311	San Bernardino
49711306	ADDRESS UNKNOWN						San Bernardino
49711307	25522 AGATE RD	GRANDVIEW	CA	92311	25522 AGATE RD	GRANDVIEW CA 92311	San Bernardino
49711309	601 MOCKINGBIRD LN # 4	CABOT	AR	72023-2496			San Bernardino
49711310	ADDRESS UNKNOWN						San Bernardino
49711311	25322 AGATE RD	BARSTOW	CA	92311	25288 AGATE RD	BARSTOW CA 92311	San Bernardino
49711312	28722 GLENHEATHER DR	HIGHLAND	CA	92346	25372 AGATE RD	GRANDVIEW CA 92311	San Bernardino
49711313	4232 ANNIE OAKLEY DR	LAS VEGAS	NV	89121			San Bernardino
49711321	25464 AGATE	BARSTOW	CA				San Bernardino
49711329	25548 AGATE RD	BARSTOW	CA	92311	35466 OAK ST	GRANDVIEW CA 92311	San Bernardino
49711338	RT 1 BOX 24745	BARSTOW	CA				San Bernardino
49711339	23201 MILL CREEK DR 3RD FLOOR	LAGUNA HILLS	CA		35441 CEDAR RD	GRANDVIEW CA 92311	San Bernardino
49711356	23201 MILL CREEK DR 3RD FL	LAGUNA HILLS	CA	92653	35461 CEDAR RD	GRANDVIEW CA 92311	San Bernardino
49711358	763 W 19TH ST	SAN BERNARDINO	CA	92405	25626 AGATE RD	GRANDVIEW CA 92311	San Bernardino
49711359	2921 1/2 E BARK ST	LOS ANGELES	CA	90023	25494 AGATE RD	GRANDVIEW CA 92311	San Bernardino
49711360	1220 PRAIRIE DR	BARSTOW	CA	92311	25012 AGATE RD	GRANDVIEW CA 92311	San Bernardino
49714302	PO BOX 292625	PHELAN	CA				San Bernardino
49714303	6060 LA GRANGE LN	CHINO	CA	91710	0 AGATE RD	GRANDVIEW CA 92311	San Bernardino
49714305	ADDRESS UNKNOWN						San Bernardino
49714323	121 E SIXTH ST	LOS ANGELES	CA	90014			San Bernardino
49714334	P O BOX 1738	TOPEKA	KS				San Bernardino
49714337	P O BOX 1738	TOPEKA	KS				San Bernardino
49724102	2 DANVILLE LN	COTO DE CAZA	CA	92679			San Bernardino
49724122	2339 MONTARA DRIVE	HACIENDA HEIGHTS	CA		26148 AGATE RD	GRANDVIEW CA 92311	San Bernardino
49724123	26130 AGATE RD	BARSTOW	CA	92311	26130 AGATE RD	GRANDVIEW CA 92311	San Bernardino
49724153	PO BOX 1049	JACKSONVILLE	OR			GRANDVIEW CA 92311	San Bernardino
49724154	ADDRESS UNKNOWN						San Bernardino
49724155	929 DOWNING AVE	CHICO	CA	95926			San Bernardino
49724156	2 DANVILLE LN	COTO DE CAZA	CA	92679			San Bernardino
49724168	P O BOX 1738	TOPEKA	KS				San Bernardino
49726101	35390 WESTERN DR	BARSTOW	CA	92311	35390 WESTERN DR	GRANDVIEW CA 92311	San Bernardino
49726102	35380 WESTERN DR	BARSTOW	CA	92311	35380 WESTERN DR	GRANDVIEW CA 92311	San Bernardino
49726103	35370 WESTERN DR	GRANDVIEW	CA	92311	35370 WESTERN DR	GRANDVIEW CA 92311	San Bernardino
49726104	35360 WESTERN DR	BARSTOW	CA	92311	35360 WESTERN DR	GRANDVIEW CA 92311	San Bernardino
49726206	35361 WESTERN AVE	BARSTOW	CA	92311	35361 WESTERN DR	GRANDVIEW CA 92311	San Bernardino
49726207	35371 WESTERN DR	BARSTOW	CA	92311	35371 WESTERN DR	GRANDVIEW CA 92311	San Bernardino

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49726208	1109 PINE LN	BIG BEAR CITY	CA	92314	35381 WESTERN DR	GRANDVIEW CA 92311	San Bernardino
49726209	35391 WESTERN DR	BARSTOW	CA	92311	35391 WESTERN DR	GRANDVIEW CA 92311	San Bernardino
49801224	PO BOX 2411	LA HABRA	CA				San Bernardino
49801224	PO BOX 2411	LA HABRA	CA				San Bernardino
49801225	3595-3 INLAND EMPIRE BLVD	ONTARIO	CA				San Bernardino
49801226	PO BOX 1405	APPLE VALLEY	CA				San Bernardino
49801226	PO BOX 1405	APPLE VALLEY	CA				San Bernardino
49804106	314 KENNETH RD	GLENDALE	CA	91202			San Bernardino
49804113	3595 INLAND EMPIRE BLVD BLDG 3	ONTARIO	CA				San Bernardino
49804118	2A KAISER ESTATE 41 MAN YUE ST HUNG HOM	HONG KONG					San Bernardino
49804118	2A KAISER ESTATE 41 MAN YUE ST HUNG HOM	HONG KONG					San Bernardino
49804125	300 SOUTH SPRING STREET SUITE 500	LOS ANGELES	CA				San Bernardino
49804126	300 SOUTH SPRING STREET SUITE 500	LOS ANGELES	CA				San Bernardino
49804127	300 SOUTH SPRING STREET SUITE 500	LOS ANGELES	CA				San Bernardino
49804128	300 SOUTH SPRING STREET SUITE 500	LOS ANGELES	CA				San Bernardino
49805102	ADDRESS UNKNOWN						San Bernardino
49827101	6054 SAN ROLANDO WAY	BUENA PARK	CA	90620			San Bernardino
49827102	3310 FIRST AVE APT 4B	SAN DIEGO	CA	92103			San Bernardino
49827202	269 RESERVATION RD APT 222	MARINA	CA	93933			San Bernardino
49827203	727 RIVERTREE DR	OCEANSIDE	CA	92058			San Bernardino
49827204	36215 GOLDEN GATE DR	YUCAIPA	CA	92399			San Bernardino
49827205	14439 BAILEY CT	VICTORVILLE	CA	92394			San Bernardino
49827601	901 E 19TH ST	GALENA	KS	66739			San Bernardino
49827602	27862 DOGWOOD GLEN	ESCONDIDO	CA	92026			San Bernardino
49827603	2725 HACKETT AVE	LONG BEACH	CA	90815			San Bernardino
49827604	2601 LARNE CT	WILMINGTON	NC	28411			San Bernardino
49827605	SIJLENSTRAAT 5	LICHTAART	BELGIUM	24601			San Bernardino
49827606	9 E MAIN ST UNIT 309	BAY CITY	MI				San Bernardino
49830401	2271 E EL PASO AVE	FRESNO	CA	93720			San Bernardino
49830402	7463 GRIGGS WAY	SACRAMENTO	CA	95831			San Bernardino
49830403	P O BOX 664	SAN JUAN BAUTISTA	CA				San Bernardino
49830404	6967 GLENVIEW DR	SAN JOSE	CA	95120			San Bernardino
49830406	9938 W WEDGEWOOD CT	CRYSTAL RIVER	FL	34428			San Bernardino
49830407	14526 BISON CT	EASTVALE	CA	92880-1099			San Bernardino
49830408	1014 N FIFTH ST	SAN JOSE	CA	95112			San Bernardino
49830703	5072 PACIFICA DR	SAN DIEGO	CA	92109			San Bernardino
49830704	13743 VENTURA BLVD # 290	SHERMAN OAKS	CA	91423			San Bernardino
49830705	25272 SWANWAY COURT	DANA POINT	CA	92629			San Bernardino
50217102	150 COOLWATER LN	BARSTOW	CA	92311			San Bernardino
50217103	ADDRESS UNKNOWN						San Bernardino
50217104	150 COOLWATER LN	BARSTOW	CA	92311			San Bernardino
50218103	3635 PARADISE DR	TIBURON	CA	94920			San Bernardino
50218104	4925 WILSHIRE BLVD #303	LOS ANGELES	CA	90010			San Bernardino
50220101	2529 N FALCONER WAY	ORANGE	CA	92867			San Bernardino
50220110	ADDRESS UNKNOWN						San Bernardino
50221103	ADDRESS UNKNOWN						San Bernardino
50302102	150 COOLWATER LN	BARSTOW	CA	92311			San Bernardino
50302104	150 COOLWATER LN	BARSTOW	CA	92311			San Bernardino
50302105	ADDRESS UNKNOWN						San Bernardino
50303101	ADDRESS UNKNOWN						San Bernardino
50303102	150 COOLWATER LN	BARSTOW	CA	92311			San Bernardino
50303104	ADDRESS UNKNOWN						San Bernardino
50307101	ADDRESS UNKNOWN						San Bernardino
50307105	ADDRESS UNKNOWN						San Bernardino
50307106	2601 BARSTOW RD	BARSTOW	CA	92311			San Bernardino
50308110	PO BOX 1405	APPLE VALLEY	CA				San Bernardino

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50308112	904 SILVER SPUR RD #479	ROLLING HILLS ESTATE	CA		0 HWY 395	RED MOUNTAIN CA 93558	San Bernardino
50308114	PO BOX 5740	SAN ANGELO	TX				San Bernardino
50308115	11236 PALA PL	MIRA LOMA	CA	91752-1732			San Bernardino
50308117	PO BOX 5740	SAN ANGELO	TX				San Bernardino
50308118	904 SILVER SPUR RD #479	ROLLING HILLS ESTATE	CA	90274			San Bernardino
50308119	26333 SCENIC RD	CARMEL	CA	93923-9111			San Bernardino
50308120	26333 SCENIC RD	CARMEL	CA	93923-9111			San Bernardino
50309101	ADDRESS UNKNOWN						San Bernardino
50321117	ADDRESS UNKNOWN						San Bernardino
50329101	ADDRESS UNKNOWN						San Bernardino
50332101	ADDRESS UNKNOWN						San Bernardino
50332103	PO BOX 1267	ANAHEIM	CA				San Bernardino
50332104	PO BOX 1267	ANAHEIM	CA				San Bernardino
50332105	PO BOX 1267	ANAHEIM	CA				San Bernardino
50332106	PO BOX 1267	ANAHEIM	CA				San Bernardino
50333101	3225 MC LEOD DR STE. 100	LAS VEGAS	NV	89121			San Bernardino
50333101	ADDRESS UNKNOWN						San Bernardino
50333103	PO BOX 1267	ANAHEIM	CA				San Bernardino
50333104	PO BOX 1267	ANAHEIM	CA				San Bernardino
50333105	PO BOX 1267	ANAHEIM	CA				San Bernardino
50333106	PO BOX 1267	ANAHEIM	CA				San Bernardino
50333107	3225 MCLEOD DR STE 100	LAS VEGAS	NV				San Bernardino
50336101	ADDRESS UNKNOWN						San Bernardino
50336102	PO BOX 1267	ANAHEIM	CA				San Bernardino
50339101	ADDRESS UNKNOWN						San Bernardino
50339102	ADDRESS UNKNOWN						San Bernardino
50339111	ADDRESS UNKNOWN						San Bernardino
50339112	ADDRESS UNKNOWN						San Bernardino
50339113	ADDRESS UNKNOWN						San Bernardino
50339114	ADDRESS UNKNOWN						San Bernardino
50339116	P O BOX 154	RANDSBURG	CA		697 RED MTN	RED MOUNTAIN CA 93558	San Bernardino
50339117	P O BOX 189	RANDSBURG	CA		701 RED MOUNTAIN	RED MOUNTAIN CA 93558	San Bernardino
50339119	ADDRESS UNKNOWN						San Bernardino
50339120	ADDRESS UNKNOWN						San Bernardino
50339121	6161 TAHOE WAY	SACRAMENTO	CA	95817	781 RED MTN	RED MOUNTAIN CA 93558	San Bernardino
50339122	703 HWY 395 RED	MOUNTAIN	CA	93558	703 HWY 395	RED MOUNTAIN CA 93558	San Bernardino
50339123	29 VERNA ST	BODFISH	CA	93205	783 RED MTN	RED MOUNTAIN CA 93558	San Bernardino
51601203	ADDRESS UNKNOWN						San Bernardino
51601204	ADDRESS UNKNOWN						San Bernardino
51602107	54 WALNUT HILL RD	BETHEL	CT	6801			San Bernardino
51602113	9010 KING RANCH RD	ALTA LOMA	CA	91701			San Bernardino
51602114	40200 107TH ST	WEST LEONA VALLEY	CA	93551			San Bernardino
51602115	6137 W TWAIN AVE	LAS VEGAS	NV	89103			San Bernardino
51602119	5745 AMARILLO AVE	LA MESA	CA	91942			San Bernardino
51602120	ADDRESS UNKNOWN						San Bernardino
51602123	ADDRESS UNKNOWN						San Bernardino
51602125	ADDRESS UNKNOWN						San Bernardino
51602126	ADDRESS UNKNOWN						San Bernardino
51602132	ADDRESS UNKNOWN						San Bernardino
51602133	ADDRESS UNKNOWN						San Bernardino
51602134	ADDRESS UNKNOWN						San Bernardino
51602135	1032 N BODEN DR	ANAHEIM	CA	92805			San Bernardino
51602136	ADDRESS UNKNOWN						San Bernardino
51602138	909 70TH WAY	LONG BEACH	CA	90805	32993 ORD MOUNTAIN RD	DAGGETT CA 92327	San Bernardino
51602164	1855 NE SUNSET ST	ROSEBURG	OR	97470			San Bernardino
51602164	1855 NE SUNSET ST	ROSEBURG	OR	97470			San Bernardino

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51603142	ADDRESS UNKNOWN						San Bernardino
51603143	ADDRESS UNKNOWN						San Bernardino
51607102	ADDRESS UNKNOWN						San Bernardino
51610101	P O BOX 1249	BARSTOW	CA		34550 OUTER HWY 15	YERMO CA 92398	San Bernardino
51610103	3900 SOMERSET DR	LOS ANGELES	CA	90008			San Bernardino
51610115	7222 MEADOWLARK PL	ALTA LOMA	CA	91701			San Bernardino
51610116	10750 BENNETT DR	FONTANA	CA	92337			San Bernardino
51610119	1236 WALNUT ST	SAN GABRIEL	CA	91776			San Bernardino
51610127	P O BOX 344	YERMO	CA		36033 MEADOW GROVE RD	YERMO CA 92398	San Bernardino
51610128	P O BOX 344	YERMO	CA		36023 MEADOW GROVE RD	YERMO CA 92398	San Bernardino
51610129	4035 N 1ST AVE	SAN BERNARDINO	CA	92407	35967 ELEPHANT MOUNTAIN RD	YERMO CA 92398	San Bernardino
51610132	ADDRESS UNKNOWN						San Bernardino
51610133	935 CACTUS CT	BARSTOW	CA				San Bernardino
51611102	3848 MARWICK AVE	LONG BEACH	CA	90808			San Bernardino
51611103	217 N AZUSA AVE	AZUSA	CA	91702-3525	0 YERMO RD	YERMO CA 92398	San Bernardino
51611104	2700 KADEMA DR	SACRAMENTO	CA	95864			San Bernardino
51611112	2075 LA CALA PL	SAN MARINO	CA	91108			San Bernardino
51611114	2075 LA CALA PL	SAN MARINO	CA	91108	0 YERMO RD	YERMO CA 92398	San Bernardino
51611116	2700 KADEMA DR	SACRAMENTO	CA	95864			San Bernardino
51611118	PO BOX 1564	CHINO HILLS	CA				San Bernardino
51611120	PO BOX 1564	CHINO HILLS	CA				San Bernardino
51611122	13785 BLUEGRASS PL	VICTORVILLE	CA	92392			San Bernardino
51611123	275 PANORAMA DR	BAKERSFIELD	CA	93305			San Bernardino
51612101	2227 CASCADE WAY	ROWLAND HEIGHTS	CA	91748	34864 YERMO-DAGGETT RD	YERMO CA 92398	San Bernardino
51612103	BOX 181	DAGGETT	CA		34982 DAGGETT RD	DAGGETT CA	San Bernardino
51612104	166 HORIZON LN	OCEANSIDE	CA	92056	35008 DAGGETT YERMO RD	DAGGETT CA 92327	San Bernardino
51612105	PO BOX 435	DAGGETT	CA		35080 YERMO DAGGETT RD	DAGGETT CA 92327	San Bernardino
51612109	P O BOX 315	BARSTOW	CA				San Bernardino
51612110	99 JEROME CT	WALNUT CREEK	CA	94596			San Bernardino
51612111	99 JEROME CT	WALNUT CREEK	CA	94596			San Bernardino
51612112	BOECKLINSTR.57 D-80638	MUENCHEN	GERMANY				San Bernardino
51612114	P O BOX 41	DAGGETT	CA		35122 DAGGETT YERMO RD	DAGGETT CA	San Bernardino
51612116	34124 M ST	BARSTOW	CA	92311			San Bernardino
51612117	P O BOX 1032	CUDAHY	CA		0 DAGGETT YERMO RD	DAGGETT CA 92327	San Bernardino
51612120	P O BOX 333	DAGGETT	CA		35140 DAGGETT YERMO RD	DAGGETT CA 92327	San Bernardino
51612122	P O BOX 417	YERMO	CA		35150 DAGGETT YERMO RD	DAGGETT CA 92327	San Bernardino
51612125	PO BOX 292	DAGGETT	CA		35168 DAGGETT YERMO RD	YERMO CA 92398	San Bernardino
51613103	1209 N SECOND ST #108	EL CAJON	CA	92021	34805 DAGGETT YERMO RD	DAGGETT CA 92327	San Bernardino
51613106	1209 N SECOND ST #108	EL CAJON	CA	92021			San Bernardino
51613107	P O BOX 2	DAGGETT	CA		34870 DAGGETT YERMO RD	DAGGETT CA 92327	San Bernardino
51613108	13040 ASTER RD	VICTORVILLE	CA		34688 DAGGETT YERMO RD	DAGGETT CA 92327	San Bernardino
51613110	1209 N SECOND ST #108	EL CAJON	CA	92021	34782 DAGGETT YERMO RD	DAGGETT CA 92327	San Bernardino
51613111	13040 ASTER RD	VICTORVILLE	CA	92392	34646 DAGGETT YERMO RD	DAGGETT CA 92327	San Bernardino
51613113	5326 SIDEHILL DR	SUN VALLEY	NV	89433			San Bernardino
51613115	BOX 504	DAGGETT	CA		34560 DAGGETT YERMO RD	DAGGETT CA 92327	San Bernardino
51613116	BOX 504	DAGGETT	CA				San Bernardino
51613119	1416 LACHMAN LN	PACIFIC PALISADES	CA	90272	34760 DAGGETT YERMO RD	DAGGETT CA 92327	San Bernardino
51613120	1416 LACHMAN LN	PACIFIC PALISADES	CA	90272	35460 WILSON WAY	DAGGETT CA 92327	San Bernardino
51613121	P O BOX 363	DAGGETT	CA		35452 WILSON WAY	DAGGETT CA 92327	San Bernardino
51614103	441 E VICTORIA AVE	SAN JACINTO	CA	92583			San Bernardino
51614105	PO BOX 19068	NEWBURY PARK	CA				San Bernardino
51614106	5665 MUSKIE RT 1	MORRIS	IL	60450			San Bernardino
51614107	2477 MORROW RIDGE PL	LAUGHLIN	NV	89029			San Bernardino
51614108	1436 PARK AVE	ANAHEIM	CA	92801			San Bernardino
51614109	1990 MCCULLOCH BLVD UNIT #D BOX #9	LAKE HAVASU	AZ				San Bernardino
51614111	1422 SCOTT AVE	POMONA	CA	91767			San Bernardino

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51614113	PO BOX 19068	NEWBURY PARK	CA				San Bernardino
51614114	P.O. BOX 660893	ARCADIA	CA				San Bernardino
51614115	5665 MUSKIE RT 1	MORRIS	IL	60450			San Bernardino
51614116	5665 MUSKIE RT 1	MORRIS	IL	60450			San Bernardino
51614117	5665 MUSKIE RT 1	MORRIS	IL	60450			San Bernardino
51614209	101 KINGS PL	NEWPORT BEACH	CA	92663			San Bernardino
51614210	825 E THIRD ST	SAN BERNARDINO	CA	92415			San Bernardino
51614226	32112 VIA SERON	TEMECULA	CA	92592-1000	0 DAGGETT YERMO RD	DAGGETT CA 92327	San Bernardino
51614227	32112 VIA SERON	TEMECULA	CA	92592-1000	0 DAGGETT YERMO RD	DAGGETT CA 92327	San Bernardino
51614229	32112 VIA SERON	TEMECULA	CA	92592-1000		DAGGETT CA 92327	San Bernardino
51614231	4231 N ST HWY 161 STE 101	IRVING	TX				San Bernardino
51614232	4231 N ST HWY 161 STE 101	IRVING	TX				San Bernardino
51614233	25544 JASPER RD	BARSTOW	CA	92311			San Bernardino
51614234	2129 WENTWORTH WAY	UPLAND	CA	91784			San Bernardino
51614235	P O BOX 800	ROSEMEAD	CA				San Bernardino
51614236	ADDRESS UNKNOWN				34277 DAGGETT YERMO RD	DAGGETT CA 92327	San Bernardino
51615104	15905 SUNSET BLVD	PACIFIC PALISADES	CA	90272			San Bernardino
51615105	620 ORANGEWOOD AVE	NEWBURY PARK	CA	91320			San Bernardino
51616101	6448 S W DAWN ST	LAKE OSWEGO	OR	97035			San Bernardino
51616102	6448 S W DAWN ST	LAKE OSWEGO	OR	97035			San Bernardino
51616104	620 ORANGEWOOD AVE	NEWBURY PARK	CA	91320			San Bernardino
51626107	1 ISLAND VIEW	IRVINE	CA	92604-3601			San Bernardino
51626111	1 ISLANDVIEW	IRVINE	CA	92604			San Bernardino
51627123	P O BOX 356	NEWBERRY SPRINGS	CA				San Bernardino
51627123	P O BOX 356	NEWBERRY SPRINGS	CA				San Bernardino
51627125	34115 O ST	BARSTOW	CA	92311			San Bernardino
51627127	9338 LOCUST AVE	FONTANA	CA	92335			San Bernardino
51627128	2847 VILLA ALTA PL	HACIENDA HEIGHTS	CA	91745			San Bernardino
51627135	23201 MILL CREEK DR 3RD FLR	LAGUNA HILLS	CA	92653			San Bernardino
51627136	63 KAZAN ST	IRVINE	CA	92604			San Bernardino
51627144	ADDRESS UNKNOWN						San Bernardino
51627145	ADDRESS UNKNOWN						San Bernardino
51627146	ADDRESS UNKNOWN						San Bernardino
51627147	ADDRESS UNKNOWN						San Bernardino
51627152	ADDRESS UNKNOWN						San Bernardino
51627157	PO BOX 58900	SALT LAKE CITY	UT				San Bernardino
51627158	PO BOX 58900	SALT LAKE CITY	UT		37101 NATIONAL TRAILS HWY	DAGGETT CA 92327	San Bernardino
51627204	41415 CORTE NELLA VITA	INDIO	CA	92203			San Bernardino
51627208	36886 NATIONAL TRAILS HWY	DAGGETT	CA	92327	36886 NATIONAL TRAILS HWY	DAGGETT CA 92327	San Bernardino
51627212	ONE WORLD TRADE CTR 285 FULTON ST STE 8500	NEW YORK CITY	NY		36810 NATIONAL TRAILS HWY	DAGGETT CA 92327	San Bernardino
51627216	ADDRESS UNKNOWN						San Bernardino
51627219	ADDRESS UNKNOWN				37000 SANTA FE RD	DAGGETT CA 92327	San Bernardino
51627221	1 LIME ORCHARD	LAGUNA NIGUEL	CA	92677			San Bernardino
51627225	PO BOX 58900	SALT LAKE CITY	UT				San Bernardino
51627226	PO BOX 58900	SALT LAKE CITY	UT				San Bernardino
51627227	PO BOX 58900	SALT LAKE CITY	UT				San Bernardino
51627232	P O BOX 800	ROSEMEAD	CA				San Bernardino
51627233	804 CARNEGIE CTR	PRINCETON	NJ	8540			San Bernardino
51627233	804 CARNEGIE CTR	PRINCETON	NJ	8540			San Bernardino
51628204	ADDRESS UNKNOWN						San Bernardino
51630102	1900 AVENUE OF THE STARS 21ST FLOOR	LOS ANGELES	CA		36424 SANTA FE ST	DAGGETT CA 92327	San Bernardino
51630105	ADDRESS UNKNOWN						San Bernardino
51630106	22749 HIGHWAY 18 #A-42	APPLE VALLEY	CA	92307			San Bernardino
51630107	ADDRESS UNKNOWN						San Bernardino
51630108	ADDRESS UNKNOWN						San Bernardino
51630108	ADDRESS UNKNOWN						San Bernardino

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51631101	ADDRESS UNKNOWN						San Bernardino
51631103	ADDRESS UNKNOWN						San Bernardino
51632121	P O BOX 565	SAN MARCOS	TX				San Bernardino
51632122	21095 WREN ST	APPLE VALLEY	CA	92308	0 S/O ATHLETIC FIELD RD	YERMO CA 92398	San Bernardino
51632124	21095 WREN ST	APPLE VALLEY	CA	92308	0 JELLICO ST	YERMO CA 92398	San Bernardino
51632126	21095 WREN ST	APPLE VALLEY	CA	92308	0 N/O ATHLETIC FIELD RD	YERMO CA 92398	San Bernardino
51632133	6467 HAZEL CIRC	SIMI VALLEY	CA	93063			San Bernardino
51633102	ADDRESS UNKNOWN						San Bernardino
51633103	ADDRESS UNKNOWN						San Bernardino
51633105	ADDRESS UNKNOWN						San Bernardino
51633106	ADDRESS UNKNOWN				37310 SANTA FE RD	DAGGETT CA 92327	San Bernardino
51633106	ADDRESS UNKNOWN				37310 SANTA FE RD	DAGGETT CA 92327	San Bernardino
51633106	ADDRESS UNKNOWN				37310 SANTA FE RD	DAGGETT CA 92327	San Bernardino
51701114	31325 CLAY RIVER RD	BARSTOW	CA	92311			San Bernardino
51701115	8834 GUESS ST	ROSEMEAD	CA	91770	36221 MEADOW GROVE	YERMO CA 92398	San Bernardino
51701127	ADDRESS UNKNOWN						San Bernardino
51701127	ADDRESS UNKNOWN						San Bernardino
51701128	ADDRESS UNKNOWN						San Bernardino
51701130	ADDRESS UNKNOWN						San Bernardino
51701131	ADDRESS UNKNOWN						San Bernardino
51702105	ADDRESS UNKNOWN						San Bernardino
51702106	ADDRESS UNKNOWN						San Bernardino
53721104	2660 DELIVERANCE DR	COLORADO SPRINGS	CO	80918			San Bernardino
53721107	2802 BAHAMA POINT AVE N	LAS VEGAS	NV	89031-0980			San Bernardino
53722101	P O BOX 302	YERMO	CA		37729 BEDFORD DR	YERMO CA 92398	San Bernardino
53722102	23201 MILL CREEK DR 3RD FL	LAGUNA HILLS	CA	92653			San Bernardino
53722103	2985 HILLSIDE DR	WEST COVINA	CA	91791			San Bernardino
53722105	2338 AVENIDA SEVILLA D	LAGUNA HILLS	CA	92653			San Bernardino
53722110	1950 OLD CANYON DR	HACIENDA HEIGHTS	CA	91745			San Bernardino
53722111	P O BOX 1381	APPLE VALLEY	CA				San Bernardino
53722116	6654 SAN HAROLD WAY	BUENA PARK	CA	90620			San Bernardino
53722121	1712 PIONEER AVE STE 2064	CHEYENNE	WY	82001			San Bernardino
53722128	P O BOX 215	YERMO	CA		38155 ATHLETIC FIELD RD	YERMO CA 92398	San Bernardino
53722130	1712 PIONEER AVE STE 2064	CHEYENNE	WY	82001			San Bernardino
53722132	29307 HIGHLAND BLVD	MORENO VALLEY	CA	92555			San Bernardino
53722133	P.O. BOX 403	YERMO	CA				San Bernardino
53722134	1141 COUNTRY CLUB LN	CORONA	CA	92880			San Bernardino
53722136	1712 PIONEER AVE STE 2064	CHEYENNE	WY	82001	0 ATHLETIC FIELD RD	YERMO CA 92398	San Bernardino
53722137	11235 E EL REY DR	WHITTIER	CA	90606			San Bernardino
53722139	9533 MICHELLE FALLS AVE	LAS VEGAS	NV	89149			San Bernardino
53722141	4319 MARL WAY	CARMICHAEL	CA	95608			San Bernardino
53722142	16511 CACTUS ST	HESPERIA	CA	92345			San Bernardino
53801102	575 N ALTA VISTA AVE	MONROVIA	CA	91016			San Bernardino
53801103	ADDRESS UNKNOWN						San Bernardino
53801104	4943 E 12TH WAY	THORNTON	CO	80241			San Bernardino
53801105	19203 DANDELION CT	RIVERSIDE	CA	92508			San Bernardino
53801106	4243 BANDINI AVE	RIVERSIDE	CA	92506			San Bernardino
53801107	4243 BANDINI AVE	RIVERSIDE	CA	92506	35455 7TH ST	YERMO CA 92398	San Bernardino
53801109	ADDRESS UNKNOWN						San Bernardino
53801112	8140 E ROSECRANS AVE	PARAMOUNT	CA	90723			San Bernardino
53801113	8140 E ROSECRANS AVE	PARAMOUNT	CA	90723			San Bernardino
53801115	8140 E ROSECRANS AVE	PARAMOUNT	CA	90723			San Bernardino
53815202	8527 HEDGES WAY	LOS ANGELES	CA	90069			San Bernardino
53815202	8527 HEDGES WAY	LOS ANGELES	CA	90069			San Bernardino
53817102	7439 CRANER AVE	SUN VALLEY	CA	91352			San Bernardino
53817108	7439 CRANER AVE	SUN VALLEY	CA	91352	39708 CALICO BLVD	YERMO CA 92398	San Bernardino

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53817108	7439 CRANER AVE	SUN VALLEY	CA	91352	39708 CALICO BLVD	YERMO CA 92398	San Bernardino
53818101	ADDRESS UNKNOWN						San Bernardino
53818120	P O BOX 51111	LOS ANGELES	CA				San Bernardino
53819115	PO BOX 1354	CHICAGO	IL				San Bernardino
53819116	PO BOX 1354	CHICAGO	IL				San Bernardino
53819120	ADDRESS UNKNOWN						San Bernardino
53819148	1248 SOUTH 490	WEST OREM	UT	84058-6740			San Bernardino
53819152	2448 GOLF LINKS CIR	SANTA CLARA	CA	95050			San Bernardino
53819153	P O BOX 244 41838 CALICO RD	YERMO	CA				San Bernardino
53819155	2734 HOLLYRIDGE DR	LOS ANGELES	CA	90068			San Bernardino
53819156	30224 AVENIDA SELECTA	RANCHO PALOS VERDES	CA	90275			San Bernardino
53819159	P O BOX 51111	LOS ANGELES	CA				San Bernardino
53819160	P O BOX 51111	LOS ANGELES	CA		0 LADWP		San Bernardino
53819161	1391 CODY CT	UPLAND	CA	91786-2123			San Bernardino
53819162	1056 CLARK WAY	GILROY	CA	95020			San Bernardino
53820101	13 BALSAM WAY	MARLTON	NJ	08053-4424			San Bernardino
53824113	14042 MISSION ST	HESPERIA	CA	92345	39533 MOUNTAIN VIEW RD	YERMO CA 92398	San Bernardino
53824156	490 S FAIR OAKS AVE	PASADENA	CA	91105			San Bernardino
53824157	490 S FAIR OAKS AVE	PASADENA	CA	91105			San Bernardino
53825112	BOX 68	YERMO	CA		39561 MOUNTAIN VIEW RD	YERMO CA 92398	San Bernardino
53825113	1218 MIRAMAR DR	FULLERTON	CA	92831	0 MOUNTAIN VIEW RD	YERMO CA 92398	San Bernardino
53825114	39553 MOUNTAIN VIEW RD	YERMO	CA	92398	39553 MOUNTAIN VIEW RD	YERMO CA 92398	San Bernardino
53825115	39549 MOUNTAIN VIEW	YERMO	CA	92398	39549 MOUNTAIN VIEW RD	YERMO CA 92398	San Bernardino
53825116	2269 LADERA VISTA DR	FULLERTON	CA	92831	39545 MOUNTAIN VIEW RD	YERMO CA 92398	San Bernardino
53825117	2400 CREEKSIDE RUN	CHINO HILLS	CA	91709	39541 MOUNTAIN VIEW RD	YERMO CA 92398	San Bernardino
53825118	1535 SANDIA ST	CORONA	CA	92882	39537 MOUNTAIN VIEW RD	YERMO CA 92398	San Bernardino
53825119	825 E THIRD ST	SAN BERNARDINO	CA	92415			San Bernardino
53825121	490 S FAIR OAKS AVE	PASADENA	CA	91105			San Bernardino
53901111	30464 BATTLE CREEK BOTTOM RD	MANTON	CA	96059			San Bernardino
53901112	ADDRESS UNKNOWN						San Bernardino
53901133	1362 CALLE GALANTE	SAN DIMAS	CA	91773			San Bernardino
53901134	1362 CALLE GALANTE	SAN DIMAS	CA	91773			San Bernardino
53902106	2006 OLD HIGHWAY 395	FALLBROOK	CA	92028	37350 BOBCAT LN	YERMO CA 92398	San Bernardino
53913104	2140 S DUPONT HWY	CAMDEN	DE	19934			San Bernardino
53913109	4192 BISCAYNE ST	CHINO	CA	91710			San Bernardino
53914101	ADDRESS UNKNOWN						San Bernardino
53916101	ADDRESS UNKNOWN						San Bernardino
53916102	4701 121ST PL #8	LUBBOCK	TX	79424			San Bernardino
53916110	46060 N BANK RD	NEWBERRY SPRINGS	CA	92365			San Bernardino
53917101	4192 BISCAYNE ST	CHINO	CA	91710-3196	38130 BUENA VISTA	NEWBERRY SPRINGS CA 92365	San Bernardino
53917103	807 SANDWEDGE CT	ANDOVER	KS	67002			San Bernardino
53917104	2339 MONTARA DR	HACIENDA HEIGHTS	CA	91745			San Bernardino
53917105	PO BOX 2411	LA HABRA	CA				San Bernardino
53917106	P O 400996	HESPERIA	CA				San Bernardino
53917107	4192 BISCAYNE ST	CHINO	CA	91710-3196			San Bernardino
53917111	4823 6TH AVE	LOS ANGELES	CA	90043			San Bernardino
53919101	4192 BISCAYNE ST	CHINO	CA	91710-3196			San Bernardino
53919122	4192 BISCAYNE ST	CHINO	CA	91710-3196			San Bernardino
53919125	4192 BISCAYNE ST	CHINO	CA	91710-3196			San Bernardino
53920104	4192 BISCAYNE ST	CHINO	CA	91710-3196			San Bernardino
53920105	4192 BISCAYNE ST	CHINO	CA	91710-3196			San Bernardino
53920112	3342 BONNIE HILL DR	LOS ANGELES	CA	90068	47200 CHEROKEE RD	NEWBERRY SPRINGS CA 92365	San Bernardino
53930112	43544 CAROL ANN DR	NEWBERRY SPRINGS	CA	92365	43544 CAROL ANN DRIVE	NEWBERRY SPRINGS CA 92365	San Bernardino
53930113	11672 MARIPOSA BAY LN	PORTER RANCH	CA	91326	43570 CAROL ANN DR	NEWBERRY SPRINGS CA 92365	San Bernardino
53930114	2170 PAPAYA RD LA	HABRA HEIGHTS	CA	90631	43592 CAROL ANN	NEWBERRY SPRINGS CA 92365	San Bernardino
53930115	16805 CALIFORNIA AVE	BELLFLOWER	CA	90706	43624 CAROL ANN DR	NEWBERRY SPRINGS CA 92365	San Bernardino

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53930116	36900 ROZANNE DR	NEWBERRY SPRINGS	CA	92365	36900 ROZANNE	NEWBERRY SPRINGS CA 92365	San Bernardino
53930117	42407 CHISOLM TRL	MURRIETA	CA	92562	36934 ROZANNE DR	NEWBERRY SPRINGS CA 92365	San Bernardino
54101101	3087 EAGLE POINTE DR	FULLERTON	CA	92833			San Bernardino
54102101	5310 JESSEN DR	LA CANADA	CA	91011			San Bernardino
54102102	7131 LEIGHTON DR	CORONA	CA	92880			San Bernardino
54102103	7279 CANOPY LN	CORONA	CA	92880	39110 MANIX RD	NEWBERRY SPRINGS CA 92365	San Bernardino
54102104	8801 MOODY ST	CYPRESS	CA	90630			San Bernardino
54102105	5412 W MANOR CREST	SPOKANE	WA	99205			San Bernardino
54102106	1640 BEDFORD RD	SAN MARINO	CA	91108	39095 FORT CADY RD	NEWBERRY SPRINGS CA 92365	San Bernardino
54102107	2865 NORTHAVEN	ALTADENA	CA	91001			San Bernardino
54107101	15358 AVENIDA RORRAS	SAN DIEGO	CA	92128			San Bernardino
54107102	15358 AVENIDA RORRAS	SAN DIEGO	CA	92128			San Bernardino
54107103	15358 AVENIDA RORRAS	SAN DIEGO	CA	92128			San Bernardino
54107106	29434 18TH AVE SOUTH	FEDERAL WAY	WA				San Bernardino
54107107	277 HAYDEN HEIGHTS RD	MOUNTAIN VIEW	AR	72560			San Bernardino
54108107	ADDRESS UNKNOWN						San Bernardino
54108110	510 W CITRUS EDGE	GLENDORA	CA	91740			San Bernardino
54108114	1305 CORDARY ST	TORRANCE	CA	90503			San Bernardino
54108115	3613 CAPETOWN ST	LAKEWOOD	CA	90712			San Bernardino
54108119	12372 BALI ST	VICTORVILLE	CA	92392			San Bernardino
54109109	249 MANTUA RD	PACIFIC PALISADES	CA	90272			San Bernardino
54117111	P O BOX 6548	BURBANK	CA				San Bernardino
54117112	P O BOX 6548	BURBANK	CA				San Bernardino
54118103	ADDRESS UNKNOWN						San Bernardino
54118104	ADDRESS UNKNOWN						San Bernardino
54120101	ADDRESS UNKNOWN						San Bernardino
54120101	ADDRESS UNKNOWN						San Bernardino
54120105	ADDRESS UNKNOWN						San Bernardino
54120201	ADDRESS UNKNOWN						San Bernardino
54121103	7960 RANCHITO AVE	PANORAMA CITY	CA	91402			San Bernardino
54121104	9304 REVERIE RD	TUJUNGA	CA	91042			San Bernardino
54121127	30072 WHITECAP	LAGUNA NIGUEL	CA	92677			San Bernardino
54121129	13785 BLUEGRASS PL	VICTORVILLE	CA	92392	0 HWY 66	NEWBERRY SPRINGS CA 92365	San Bernardino
54121131	14103 RAMONA DR	WHITTIER	CA	90605			San Bernardino
54121133	13919 MONTEVERDE DR	CHINO HILLS	CA	91709	0 HWY 66	NEWBERRY SPRINGS CA 92365	San Bernardino
54121135	13919 MONTEVERDE DR	CHINO HILLS	CA	91709			San Bernardino
54121137	3201 CAHUENGA BLVD WEST	LOS ANGELES	CA	90068			San Bernardino
54121142	6706 GLASGOW ST	SUFFOLK	VA	23435-3077			San Bernardino
54121153	9580 W RENO AVE #151	LAS VEGAS	NV	89148			San Bernardino
54121154	P.O. BOX 66373	LOS ANGELES	CA				San Bernardino
54122101	ADDRESS UNKNOWN						San Bernardino
54122105	30707 E SUNSET DR	SOUTH REDLANDS	CA	92373			San Bernardino
54122106	1399 W COLTON AVE STE 5	REDLANDS	CA	92374			San Bernardino
54123105	ADDRESS UNKNOWN						San Bernardino
54211103	P O BOX 1323	APPLE VALLEY	CA				San Bernardino
54211110	ADDRESS UNKNOWN						San Bernardino
54211118	8611 HATILLO AVE	CANOGA PARK	CA	91306-1422			San Bernardino
54211119	73 PEPPERMINT	IRVINE	CA	92620			San Bernardino
54211122	73 PEPPERMINT	IRVINE	CA	92620			San Bernardino
54211124	VIPSAL #4736 7801 NW 37TH ST	MIAMI	FL				San Bernardino
54211125	PO BOX 231	SAN BERNARDINO	CA				San Bernardino
54211126	805 KEENAN ST	MONTEBELLO	CA	90640			San Bernardino
54211128	15900 KENNEDY RD	LOS GATOS	CA	95032			San Bernardino
54211133	9801 AMESTOY AVE	NORTHRIDGE	CA	91325			San Bernardino
54211144	6625 OAKBROOK DR	FAIR OAKS	CA	95628			San Bernardino
54211149	24770 WENDELL DR	HEMET	CA	92544			San Bernardino

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54213106	50 RUBY AVE UNIT 122	EUGENE	OR	97404-1999			San Bernardino
54213109	ADDRESS UNKNOWN						San Bernardino
54213125	5046 CROSSWOOD DR	ST LOUIS	MO	63129			San Bernardino
54213129	5830 RESEDA BLVD #226	TARZANA	CA	91356			San Bernardino
54213146	2349 PINE ST	ROSEMEAD	CA	91770-3107			San Bernardino
54213152	2800 COTTAGE WAY ROOM E-2609	SACRAMENTO	CA				San Bernardino
54213153	1774 SAGEBRUSH DR	SHERIDAN	WY	82801	45215 AFTON CANYON RD	BAKER CA 92309	San Bernardino
54213154	1774 SAGEBRUSH DR	SHERIDAN	WY	82801	45101 AFTON CANYON RD	BAKER CA 92309	San Bernardino
54213154	1774 SAGEBRUSH DR	SHERIDAN	WY	82801	45101 AFTON CANYON RD	BAKER CA 92309	San Bernardino
54213155	P O BOX 51111	LOS ANGELES	CA		0 LADWP		San Bernardino
54213156	PO BOX 1167	SAN FERNANDO	CA				San Bernardino
54213158	P O BOX 51111	LOS ANGELES	CA		0 LADWP		San Bernardino
54213160	13919 MONTEVERDE DR	CHINO HILLS	CA	91709			San Bernardino
54213161	P O BOX 51111	LOS ANGELES	CA		0 LADWP		San Bernardino
54213163	P O BOX 51111	LOS ANGELES	CA				San Bernardino
54213164	980 N ORANGEWOOD AVE	CLOVIS	CA				San Bernardino
54213165	P O BOX 51111	LOS ANGELES	CA				San Bernardino
54213167	PO BOX 4120 PMB 57258	PORTLAND	OR				San Bernardino
54213168	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
54213170	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
54213175	5855 N SHERIDAN RD #19J	CHICAGO	IL	60660			San Bernardino
54213179	3A 4015 1ST SE	CALGARY AB	CANADA	T2G 4X7			San Bernardino
54213181	2006 OLD HIGHWAY 395	FALLBROOK	CA	92028			San Bernardino
54213182	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
54213184	2209 W 25TH ST UNIT 21	SAN PEDRO	CA				San Bernardino
54214114	ADDRESS UNKNOWN						San Bernardino
54214118	P O BOX 51111	LOS ANGELES	CA				San Bernardino
54214119	2470 ST ROSE PKWY	HENDERSON	NV	89074	55515 DUNN MILL RD	BAKER CA 92309	San Bernardino
54214120	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
54214122	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
54214123	9255 SUNSET BLVD #800	LOS ANGELES	CA	90069	43915 DUNN RD	NEWBERRY SPRINGS CA 92365	San Bernardino
54218103	ADDRESS UNKNOWN						San Bernardino
54218105	ADDRESS UNKNOWN						San Bernardino
54218106	150 COOLWATER LN	BARSTOW	CA	92311			San Bernardino
54218110	P O BOX 51111	LOS ANGELES	CA		0 LADWP		San Bernardino
54218113	2006 OLD HWY 395	FALLBROOK	CA	92028	44991 AFTON CANYON RD	BAKER CA 92309	San Bernardino
54316112	ADDRESS UNKNOWN						San Bernardino
54316123	ADDRESS UNKNOWN						San Bernardino
54316126	911 WILSHIRE BLVD	LOS ANGELES	CA	90017			San Bernardino
54316131	P O BOX 51111	LOS ANGELES	CA		0 LADWP		San Bernardino
54316133	P O BOX 51111	LOS ANGELES	CA		0 LADWP		San Bernardino
54316137	P O BOX 111 RM 1203	LOS ANGELES	CA				San Bernardino
54316138	911 WILSHIRE BLVD	LOS ANGELES	CA	90017			San Bernardino
54316138	911 WILSHIRE BLVD	LOS ANGELES	CA	90017			San Bernardino
54316141	911 WILSHIRE BLVD	LOS ANGELES	CA	90017			San Bernardino
54316143	911 WILSHIRE BLVD	LOS ANGELES	CA	90017			San Bernardino
54316144	P O BOX 808	SANTA PAULA	CA				San Bernardino
54316144	P O BOX 808	SANTA PAULA	CA				San Bernardino
54316145	P O BOX 51111	LOS ANGELES	CA				San Bernardino
54316146	P O BOX 808	SANTA PAULA	CA				San Bernardino
54316146	P O BOX 808	SANTA PAULA	CA				San Bernardino
54317103	ADDRESS UNKNOWN						San Bernardino
54317151	P O BOX 51111	LOS ANGELES	CA		0 LADWP		San Bernardino
54317152	716 SECOND AVE	BARSTOW	CA	92311			San Bernardino
54317152	716 SECOND AVE	BARSTOW	CA	92311			San Bernardino
54317153	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino

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54317154	P O BOX 808	SANTA PAULA	CA				San Bernardino
54318102	ADDRESS UNKNOWN						San Bernardino
54318125	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
54318127	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
54318128	PO BOX 64	FOX ISLAND	WA				San Bernardino
54318128	PO BOX 64	FOX ISLAND	WA				San Bernardino
54319101	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
54319102	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
54319103	P O BOX 5111 ROOM 1031	LOS ANGELES	CA				San Bernardino
54319106	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
54319107	308 WOODWARD AVE #B	ALHAMBRA	CA	91801			San Bernardino
54320105	ADDRESS UNKNOWN						San Bernardino
54320111	ADDRESS UNKNOWN						San Bernardino
54320112	ADDRESS UNKNOWN						San Bernardino
54320121	ADDRESS UNKNOWN						San Bernardino
54320148	P O BOX 51111	LOS ANGELES	CA		0 LADWP		San Bernardino
54320153	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
54320154	42 E 69TH ST	NEW YORK	NY	10021			San Bernardino
54320155	42 E 69TH ST	NEW YORK	NY	10021			San Bernardino
54320156	42 E 69TH ST	NEW YORK	NY	10021			San Bernardino
54320157	42 E 69TH ST	NEW YORK	NY	10021			San Bernardino
54321106	ADDRESS UNKNOWN						San Bernardino
54321107	ADDRESS UNKNOWN						San Bernardino
54321117	ADDRESS UNKNOWN						San Bernardino
54321118	ADDRESS UNKNOWN						San Bernardino
54323103	ADDRESS UNKNOWN						San Bernardino
54323104	ADDRESS UNKNOWN						San Bernardino
54323112	ADDRESS UNKNOWN						San Bernardino
54323113	ADDRESS UNKNOWN						San Bernardino
54323114	ADDRESS UNKNOWN						San Bernardino
54323116	ADDRESS UNKNOWN						San Bernardino
54323117	ADDRESS UNKNOWN						San Bernardino
54324101	ADDRESS UNKNOWN						San Bernardino
54324105	ADDRESS UNKNOWN						San Bernardino
54330102	ADDRESS UNKNOWN						San Bernardino
54330103	10145 NW LEE ST	PORTLAND	OR	97229	0 RASOR RD	BAKER CA 92309	San Bernardino
54330105	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
54330106	8510 DURANGO	LAS VEGAS	NV	89113			San Bernardino
54424119	ADDRESS UNKNOWN						San Bernardino
54425112	ADDRESS UNKNOWN						San Bernardino
54426101	ADDRESS UNKNOWN						San Bernardino
54426102	555 N D ST STE 110	SAN BERNARDINO	CA	92401	56500 BAKER BLVD	BAKER CA 92309	San Bernardino
54426110	555 N D ST STE 110	SAN BERNARDINO	CA	92401			San Bernardino
54427101	ADDRESS UNKNOWN						San Bernardino
54427102	555 N D ST STE 110	SAN BERNARDINO	CA	92401			San Bernardino
54427104	ADDRESS UNKNOWN						San Bernardino
54428101	ADDRESS UNKNOWN						San Bernardino
54428104	1600 E FOOTHILL BLVD	IRWINDALE	CA	91702	0 STATE HWY 127	BAKER CA 92309	San Bernardino
54428119	ADDRESS UNKNOWN						San Bernardino
54428139	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
54428140	1428 SWANBROOKE DR	LAS VEGAS	NV	89144			San Bernardino
54428141	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
54428142	P O BOX 406	EARP	CA				San Bernardino
54428143	P O BOX 51111	LOS ANGELES	CA		0 LADWP		San Bernardino
54428144	1428 SWANBROOKE DR	LAS VEGAS	NV	89144			San Bernardino
54428145	1428 SWANBROOKE DR	LAS VEGAS	NV	89144			San Bernardino

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54429101	ADDRESS UNKNOWN				72100 SCHOOL HOUSE LN	BAKER CA 92309	San Bernardino
54434202	ADDRESS UNKNOWN						San Bernardino
54435102	ADDRESS UNKNOWN						San Bernardino
54435106	ADDRESS UNKNOWN						San Bernardino
54435108	ADDRESS UNKNOWN				56911 HWY 127	BAKER CA 92309	San Bernardino
54435121	P O BOX 51111	LOS ANGELES	CA		0 LADWP		San Bernardino
54435123	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
54435124	732 N LAKE AVE # 202	PASADENA	CA	91104			San Bernardino
54435127	2708 WOODED ACRES DR	WACO	TX	76710			San Bernardino
54435127	2708 WOODED ACRES DR	WACO	TX	76710			San Bernardino
54435130	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
54435131	4882 PARK AVE	CYPRESS	CA	90630			San Bernardino
54435131	4882 PARK AVE	CYPRESS	CA	90630			San Bernardino
54435132	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
54435133	732 N LAKE AVE #202	PASADENA	CA	91104			San Bernardino
54435133	732 N LAKE AVE #202	PASADENA	CA	91104			San Bernardino
54435134	732 N LAKE AVE #202	PASADENA	CA	91104			San Bernardino
54435134	732 N LAKE AVE #202	PASADENA	CA	91104			San Bernardino
54435135	2708 WOODED ACRES DR	WACO	TX	76710			San Bernardino
54435135	2708 WOODED ACRES DR	WACO	TX	76710			San Bernardino
54435136	732 N LAKE AVE #202	PASADENA	CA	91104			San Bernardino
54437105	ADDRESS UNKNOWN						San Bernardino
54437106	ADDRESS UNKNOWN						San Bernardino
54437108	ADDRESS UNKNOWN						San Bernardino
54437109	ADDRESS UNKNOWN						San Bernardino
54437110	ADDRESS UNKNOWN						San Bernardino
54438119	P O BOX 111 RM 1203	LOS ANGELES	CA				San Bernardino
54438121	P O BOX 51111 ROOM 1208	LOS ANGELES	CA				San Bernardino
54438122	ADDRESS UNKNOWN						San Bernardino
54438122	ADDRESS UNKNOWN						San Bernardino
57003101	ADDRESS UNKNOWN						San Bernardino
57003102	ADDRESS UNKNOWN						San Bernardino
57004103	ADDRESS UNKNOWN						San Bernardino
57004104	ADDRESS UNKNOWN						San Bernardino
57004105	ADDRESS UNKNOWN						San Bernardino
57004111	ADDRESS UNKNOWN						San Bernardino
57004112	ADDRESS UNKNOWN						San Bernardino
57005116	2850 MESA ALTA LN	ARROYO GRANDE	CA	93420			San Bernardino
57005116	ADDRESS UNKNOWN						San Bernardino
57005118	ADDRESS UNKNOWN						San Bernardino
57005119	ADDRESS UNKNOWN						San Bernardino
57006104	ADDRESS UNKNOWN				64340 MALLORAN SUMMIT RD	BAKER CA 92309	San Bernardino
57006105	ADDRESS UNKNOWN						San Bernardino
57006106	ADDRESS UNKNOWN						San Bernardino
57006108	ADDRESS UNKNOWN						San Bernardino
57006109	16835 ALGONQUIN ST #262	HUNTINGTON BEACH	CA	92649			San Bernardino
57006111	ADDRESS UNKNOWN						San Bernardino
57006112	ADDRESS UNKNOWN						San Bernardino
57006113	ADDRESS UNKNOWN						San Bernardino
57006114	ADDRESS UNKNOWN						San Bernardino
57006115	ADDRESS UNKNOWN						San Bernardino
57006123	4021 MULBERRY LN	SACRAMENTO	CA	95822	64025 HALLORAN SUMMIT RD	BAKER CA 92309	San Bernardino
57006124	4021 MULBERRY LN	SACRAMENTO	CA	95822	0 HALLORAN SUMMIT RD	NIPTON CA 92364	San Bernardino
57006125	111 JACKSON ST STE 700	OAKLAND	CA	94607			San Bernardino
57006126	16835 ALGONQUIN ST #262	HUNTINGTON BEACH	CA	92649	63851 HALLORAN SUMMIT RD	NIPTON CA 92364	San Bernardino
57006130	ADDRESS UNKNOWN						San Bernardino

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57014101	ADDRESS UNKNOWN						San Bernardino
57028101	ADDRESS UNKNOWN						San Bernardino
57028103	PO BOX 938	BARSTOW	CA		80515 HALLORAN SPRINGS RD	BARSTOW CA 92311	San Bernardino
57122104	P O BOX 111 RM 1203	LOS ANGELES	CA				San Bernardino
57122106	P O BOX 51111 ROOM 1208	LOS ANGELES	CA				San Bernardino
57122107	ADDRESS UNKNOWN						San Bernardino
57202102	ADDRESS UNKNOWN						San Bernardino
57202103	PO BOX 303	BISHOP	CA				San Bernardino
57202104	ADDRESS UNKNOWN						San Bernardino
57202107	ADDRESS UNKNOWN						San Bernardino
57202108	ADDRESS UNKNOWN						San Bernardino
57203102	ADDRESS UNKNOWN						San Bernardino
57203117	P O BOX 51111	LOS ANGELES	CA		0 SCPPA		San Bernardino
57203118	PO BOX 303	BISHOP	CA				San Bernardino
57203119	PO BOX 303	BISHOP	CA				San Bernardino
57204119	ADDRESS UNKNOWN						San Bernardino
57204120	ADDRESS UNKNOWN						San Bernardino
57204121	ADDRESS UNKNOWN						San Bernardino
57204123	ADDRESS UNKNOWN						San Bernardino
57205102	ADDRESS UNKNOWN						San Bernardino
57205103	ADDRESS UNKNOWN						San Bernardino
57206107	ADDRESS UNKNOWN						San Bernardino
57206108	ADDRESS UNKNOWN						San Bernardino
57206113	ADDRESS UNKNOWN						San Bernardino
57210101	ADDRESS UNKNOWN						San Bernardino
57210102	ADDRESS UNKNOWN						San Bernardino
57210103	ADDRESS UNKNOWN						San Bernardino
57210104	ADDRESS UNKNOWN						San Bernardino
57210109	ADDRESS UNKNOWN						San Bernardino
57210110	ADDRESS UNKNOWN				94707 BURRO SPRINGS RD	MOUNTAIN PASS CA 92366	San Bernardino
57210117	67750 BAILEY RD	MOUNTAIN PASS	CA	92366			San Bernardino
57210120	67750 BAILEY RD	MOUNTAIN PASS	CA	92366			San Bernardino
57211119	P O BOX 111 RM 1203	LOS ANGELES	CA				San Bernardino
57211121	P O BOX 51111 ROOM 1208	LOS ANGELES	CA				San Bernardino
57211122	ADDRESS UNKNOWN						San Bernardino
57310103	ADDRESS UNKNOWN						San Bernardino
57310104	ADDRESS UNKNOWN				100302 YATES WELL RD	NIPTON CA 92364	San Bernardino
57310111	ADDRESS UNKNOWN						San Bernardino
57310112	ADDRESS UNKNOWN						San Bernardino
57310114	ADDRESS UNKNOWN						San Bernardino
57310115	ADDRESS UNKNOWN						San Bernardino
57316116	ADDRESS UNKNOWN				100302 YATES WELL RD	NIPTON CA 92366	San Bernardino
003-190-01-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
004-010-07-00	300 MANDICH ST	BISHOP	CA	93514		BIG PINE CA 93513	Inyo
004-010-07-00	300 MANDICH ST	BISHOP	CA	93514		BIG PINE CA 93513	Inyo
004-050-07-00	PO BOX 460	BIG PINE	CA	93513	781 NANCY LN	BIG PINE CA 93513	Inyo
004-050-08-00	300 MANDICH ST	BISHOP	CA	93514		BIG PINE CA 93513	Inyo
004-080-01-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
004-080-01-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
004-130-01-00	7313 PERRY RD	BELL GARDENS	CA	90201		BIG PINE CA 93513	Inyo
004-130-02-00	300 MANDICH ST	BISHOP	CA	93514		BIG PINE CA 93513	Inyo
004-140-02-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
012-090-04-00	300 MANDICH ST	BISHOP	CA	93514		BISHOP CA 93514	Inyo
012-090-05-00	300 MANDICH ST	BISHOP	CA	93514		BISHOP CA 93514	Inyo
012-090-06-00	PO BOX 800	ROSEMEAD	CA	91770	5000 BISHOP CREEK RD	BISHOP CA 93514	Inyo
012-090-14-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825		BISHOP CA	Inyo

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012-090-15-00	PO BOX 800	ROSEMEAD	CA	91770		BISHOP CA	Inyo
012-100-12-00	300 MANDICH ST	BISHOP	CA	93514		BISHOP CA 93514	Inyo
012-100-17-00	300 MANDICH ST	BISHOP	CA	93514		BISHOP CA 93514	Inyo
012-100-31-00	300 MANDICH ST	BISHOP	CA	93514		ROSSI HILL CA	Inyo
012-100-32-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825		ROSSI HILL CA	Inyo
012-110-01-00	445 ROSSI HILL RD	BISHOP	CA	93514	430 ROSSI HILL RD	ROSSI HILL CA	Inyo
012-110-02-00	219 WYE RD	BISHOP	CA	93514	301 ROSSI HILL RD	ROSSI HILL CA	Inyo
012-110-06-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825		ROSSI HILL CA	Inyo
012-110-07-00	219 WYE RD	BISHOP	CA	93514		ROSSI HILL CA	Inyo
013-020-07-00	300 MANDICH ST	BISHOP	CA	93514		BISHOP CA 93514	Inyo
013-050-02-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
013-050-06-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
013-050-06-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
013-050-08-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
013-050-14-00	219 WYE RD	BISHOP	CA	93514			Inyo
013-050-16-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
013-050-17-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
013-070-02-00	300 MANDICH ST	BISHOP	CA	93514	2629 GERKIN RD	WILKERSON CA	Inyo
013-070-02-00	300 MANDICH ST	BISHOP	CA	93514	2629 GERKIN RD	WILKERSON CA	Inyo
013-070-05-00	300 MANDICH ST	BISHOP	CA	93514		WILKERSON CA	Inyo
013-070-07-00	300 MANDICH ST	BISHOP	CA	93514		WILKERSON CA	Inyo
013-070-21-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825		WILKERSON CA	Inyo
013-070-22-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825		WILKERSON CA	Inyo
013-130-02-00	300 MANDICH ST	BISHOP	CA	93514		BISHOP CA 93514	Inyo
013-130-03-00	300 MANDICH ST	BISHOP	CA	93514		BISHOP CA 93514	Inyo
013-130-03-00	300 MANDICH ST	BISHOP	CA	93514		BISHOP CA 93514	Inyo
013-130-05-00	300 MANDICH ST	BISHOP	CA	93514		BISHOP CA 93514	Inyo
013-140-05-00	300 MANDICH ST	BISHOP	CA	93514		BISHOP CA	Inyo
013-140-05-00	300 MANDICH ST	BISHOP	CA	93514		BISHOP CA	Inyo
013-150-01-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
013-150-01-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
013-150-06-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
013-150-07-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
013-150-08-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
013-271-12-00	109 SIERRA GRANDE	BISHOP	CA	93514	109 SIERRA GRANDE	WILKERSON CA	Inyo
013-272-11-00	2246 GERKIN RD	BISHOP	CA	93514	2246 GERKIN RD	WILKERSON CA	Inyo
013-272-12-00	2226 GERKIN RD	BISHOP	CA	93514	2226 GERKIN RD	WILKERSON CA	Inyo
013-272-13-00	PO BOX 578	BISHOP	CA	93515	2221 GERKIN RD	WILKERSON CA	Inyo
018-010-05-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
018-010-08-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
018-010-12-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825			Inyo
018-010-13-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825			Inyo
018-010-16-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825			Inyo
018-040-02-00	300 MANDICH ST	BISHOP	CA	93514		BIG PINE CA 93513	Inyo
018-080-08-00	300 MANDICH ST	BISHOP	CA	93514		BIG PINE CA 93513	Inyo
018-090-01-00	PO BOX N	INDEPENDENCE	CA	93526	1001 COUNTY RD	BIG PINE CA 93513	Inyo
018-090-02-00	300 MANDICH ST	BISHOP	CA	93514		BIG PINE CA 93513	Inyo
018-090-07-00	300 MANDICH ST	BISHOP	CA	93514	726 SCHOOL ST	BIG PINE CA 93513	Inyo
018-090-11-00	300 MANDICH ST	BISHOP	CA	93514	150 STEWARD LN	BIG PINE CA 93513	Inyo
018-090-13-00	300 MANDICH ST	BISHOP	CA	93514		BIG PINE CA 93513	Inyo
018-090-16-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825		BIG PINE CA 93513	Inyo
018-090-17-00	300 MANDICH ST	BISHOP	CA	93514		BIG PINE CA 93513	Inyo
018-090-18-00	1800 TRIBUTE RD	SACRAMENTO	CA	95815		BIG PINE CA 93513	Inyo
018-120-02-00	300 MANDICH ST	BISHOP	CA	93514		BIG PINE CA 93513	Inyo
018-120-05-00	PO BOX N	INDEPENDENCE	CA	93526		BIG PINE CA 93513	Inyo
018-120-06-00	300 MANDICH ST	BISHOP	CA	93514		BIG PINE CA 93513	Inyo

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018-120-U-NP	Not Available						Inyo
018-200-03-00	300 MANDICH ST	BISHOP	CA	93514		BIG PINE CA 93513	Inyo
018-200-U-NP	Not Available						Inyo
018-210-02-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
018-210-02-00	300 MANDICH ST	BISHOP	CA	93514		CA 95916	Inyo
018-210-05-00	300 MANDICH ST	BISHOP	CA	93514		CA 95916	Inyo
018-220-01-00	300 MANDICH ST	BISHOP	CA	93514		BIG PINE CA 93513	Inyo
018-220-07-00	300 MANDICH ST	BISHOP	CA	93514		BIG PINE CA 93513	Inyo
018-220-07-00	300 MANDICH ST	BISHOP	CA	93514		BIG PINE CA 93513	Inyo
018-220-U-NP	Not Available						Inyo
018-220-U-NP	Not Available						Inyo
018-230-02-00	300 MANDICH ST	BISHOP	CA	93514		BIG PINE CA 93513	Inyo
018-230-07-00	300 MANDICH ST	BISHOP	CA	93514		BIG PINE CA 93513	Inyo
018-230-10-00	300 MANDICH ST	BISHOP	CA	93514		BIG PINE CA 93513	Inyo
018-230-12-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825		BIG PINE CA 93513	Inyo
018-230-12-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825		BIG PINE CA 93513	Inyo
018-230-13-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825		BIG PINE CA 93513	Inyo
018-230-15-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825		BIG PINE CA 93513	Inyo
021-030-02-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
021-030-03-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
021-030-06-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
021-030-06-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
021-030-07-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
021-030-08-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
021-030-08-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
021-060-02-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
021-060-08-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
021-060-09-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
021-060-11-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
021-060-11-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
021-060-12-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
021-060-13-00	1400 DOUGLAS STOP	OMAHA	NE	68179			Inyo
021-060-14-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
021-060-15-00	1400 DOUGLAS STOP	OMAHA	NE	68179			Inyo
021-060-17-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
021-060-19-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825			Inyo
021-060-22-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825			Inyo
021-070-04-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
021-070-08-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
021-110-01-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
021-110-03-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
021-140-07-00	300 MANDICH ST	BISHOP	CA	93514		INDEPENDENCE CA 93526	Inyo
021-140-08-00	300 MANDICH ST	BISHOP	CA	93514		INDEPENDENCE CA 93526	Inyo
021-200-01-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
021-200-07-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
021-200-08-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
021-210-01-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
021-210-02-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
021-210-05-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
021-210-08-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
021-210-09-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
021-210-10-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
021-210-11-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
021-220-03-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
021-220-11-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
022-120-01-00	300 MANDICH ST	BISHOP	CA	93514			Inyo

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022-120-02-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
022-120-03-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
022-120-04-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
022-120-05-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
022-120-06-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
022-140-07-00	300 MANDICH ST	BISHOP	CA	93514	250 DUMP RD	FORT INDEPENDENCE CA	Inyo
022-140-10-00	300 MANDICH ST	BISHOP	CA	93514	819 MAZOURKA CANYON RD	FORT INDEPENDENCE CA	Inyo
022-150-02-00	300 MANDICH ST	BISHOP	CA	93514		INDEPENDENCE CA 93526	Inyo
022-150-08-00	300 MANDICH ST	BISHOP	CA	93514		INDEPENDENCE CA 93526	Inyo
022-150-10-00	300 MANDICH ST	BISHOP	CA	93514		INDEPENDENCE CA 93526	Inyo
022-150-14-00	300 MANDICH ST	BISHOP	CA	93514		INDEPENDENCE CA 93526	Inyo
022-150-15-00	300 MANDICH ST	BISHOP	CA	93514		FORT INDEPENDENCE CA	Inyo
022-150-16-00	300 MANDICH ST	BISHOP	CA	93514		FORT INDEPENDENCE CA	Inyo
022-160-03-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
022-160-04-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
022-160-10-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
022-160-15-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
023-040-15-00	300 MANDICH ST	BISHOP	CA	93514		ALABAMA HILLS CA 93545	Inyo
023-040-20-00	300 MANDICH ST	BISHOP	CA	93514		ALABAMA HILLS CA 93545	Inyo
023-040-21-00	300 MANDICH ST	BISHOP	CA	93514		ALABAMA HILLS CA 93545	Inyo
023-040-23-00	300 MANDICH ST	BISHOP	CA	93514		ALABAMA HILLS CA 93545	Inyo
023-080-05-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
023-080-06-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
023-080-09-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
023-120-06-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
023-130-01-00	300 MANDICH ST	BISHOP	CA	93514		LONE PINE CA 93545	Inyo
023-130-02-00	300 MANDICH ST	BISHOP	CA	93514		LONE PINE CA 93545	Inyo
023-130-05-00	300 MANDICH ST	BISHOP	CA	93514		LONE PINE CA 93545	Inyo
023-130-06-00	300 MANDICH ST	BISHOP	CA	93514		LONE PINE CA 93545	Inyo
026-020-01-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
026-020-01-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
026-020-02-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
026-020-02-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
026-020-06-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
026-020-06-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
026-020-06-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
026-030-01-00	300 MANDICH ST	BISHOP	CA	93514		LONE PINE CA 93545	Inyo
026-030-02-00	300 MANDICH ST	BISHOP	CA	93514		LONE PINE CA 93545	Inyo
026-030-23-00	300 MANDICH ST	BISHOP	CA	93514		LONE PINE CA 93545	Inyo
026-050-03-00	300 MANDICH ST	BISHOP	CA	93514		LONE PINE CA 93545	Inyo
026-050-08-00	300 MANDICH ST	BISHOP	CA	93514		LONE PINE CA 93545	Inyo
026-050-14-00	300 MANDICH ST	BISHOP	CA	93514		LONE PINE CA 93545	Inyo
026-050-15-00	300 MANDICH ST	BISHOP	CA	93514		LONE PINE CA 93545	Inyo
026-060-04-00	PO BOX 800	ROSEMEAD	CA	91770		LONE PINE CA 93545	Inyo
026-060-04-00	PO BOX 800	ROSEMEAD	CA	91770		LONE PINE CA 93545	Inyo
026-060-05-00	300 MANDICH ST	BISHOP	CA	93514	450 SUB STATION RD	LONE PINE CA 93545	Inyo
026-060-12-00	300 MANDICH ST	BISHOP	CA	93514		LONE PINE CA 93545	Inyo
026-060-15-00	300 MANDICH ST	BISHOP	CA	93514		LONE PINE CA 93545	Inyo
026-060-15-00	300 MANDICH ST	BISHOP	CA	93514		LONE PINE CA 93545	Inyo
026-060-17-00	300 MANDICH ST	BISHOP	CA	93514		LONE PINE CA 93545	Inyo
026-060-26-00	1400 DOUGLAS STOP	OMAHA	NE	68179		LONE PINE CA 93545	Inyo
026-060-27-00	PO BOX 82	BIG PINE	CA	93513	1010 SUB STATION RD	LONE PINE CA 93545	Inyo
026-100-14-00	PO BOX C	LONE PINE	CA	93545		LONE PINE CA 93545	Inyo
026-140-02-00	1400 DOUGLAS STOP	OMAHA	NE	68179		LONE PINE CA 93545	Inyo
026-140-03-00	300 MANDICH ST	BISHOP	CA	93514		LONE PINE CA 93545	Inyo
026-140-08-00	300 MANDICH ST	BISHOP	CA	93514		LONE PINE CA 93545	Inyo

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026-140-15-00	300 MANDICH ST	BISHOP	CA	93514	5001 HWY 395	LONE PINE CA 93545	Inyo
026-170-06-00	300 MANDICH ST	BISHOP	CA	93514		LONE PINE CA 93545	Inyo
026-170-07-00	300 MANDICH ST	BISHOP	CA	93514		LONE PINE CA 93545	Inyo
026-170-11-00	300 MANDICH ST	BISHOP	CA	93514		LONE PINE CA 93545	Inyo
026-170-13-00	1807 13TH ST	SACRAMENTO	CA	95814		LONE PINE CA 93545	Inyo
026-170-22-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825		LONE PINE CA 93545	Inyo
026-170-25-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825		LONE PINE CA 93545	Inyo
026-180-02-00	1807 13TH ST	SACRAMENTO	CA	95814			Inyo
026-180-02-00	1807 13TH ST	SACRAMENTO	CA	95814			Inyo
026-180-02-00	1807 13TH ST	SACRAMENTO	CA	95814			Inyo
026-180-03-00	1400 DOUGLAS STOP	OMAHA	NE	68179			Inyo
026-180-08-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825			Inyo
029-100-17-00	300 MANDICH ST	BISHOP	CA	93514		CARTAGO CA 93549	Inyo
029-100-41-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825		CARTAGO CA 93549	Inyo
029-100-42-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825		CARTAGO CA 93549	Inyo
029-100-43-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825		CARTAGO CA 93549	Inyo
029-100-44-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825		CARTAGO CA 93549	Inyo
029-100-53-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825		CARTAGO CA 93549	Inyo
029-100-61-00	PO BOX 969	INYOKERN	CA	93527		CARTAGO CA 93549	Inyo
029-100-62-00	PO BOX 188647	SIOUX FALLS	SD	57186		CARTAGO CA 93549	Inyo
029-100-64-00	4700 DAYBREAK PKWY	SOUTH JORDAN	UT	84095		CARTAGO CA 93549	Inyo
029-100-65-00	4700 DAYBREAK PKWY	SOUTH JORDAN	UT	84095		CARTAGO CA 93549	Inyo
029-110-06-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825		CARTAGO CA 93549	Inyo
029-120-32-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
029-120-37-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825			Inyo
029-120-38-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825			Inyo
029-120-39-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825			Inyo
029-170-05-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
029-170-13-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825			Inyo
029-170-14-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825			Inyo
029-180-05-00	1807 13TH ST	SACRAMENTO	CA	95814		CARTAGO CA 93549	Inyo
029-180-08-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825		CARTAGO CA 93549	Inyo
029-180-15-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825		CARTAGO CA 93549	Inyo
029-180-17-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825		CARTAGO CA 93549	Inyo
029-180-26-00	4700 DAYBREAK PKWY	SOUTH JORDAN	UT	84095	16000 HWY 395	CARTAGO CA 93549	Inyo
029-180-26-00	4700 DAYBREAK PKWY	SOUTH JORDAN	UT	84095	16000 HWY 395	CARTAGO CA 93549	Inyo
029-180-RR-00	Not Available						Inyo
029-190-03-00	1807 13TH ST	SACRAMENTO	CA	95814			Inyo
029-190-04-00	PO BOX A	OLANCHA	CA	93549			Inyo
029-190-08-00	1807 13TH ST	SACRAMENTO	CA	95814			Inyo
029-190-09-00	PO BOX 188647	SIOUX FALLS	SD	57186			Inyo
029-190-11-00	1400 DOUGLAS STOP	OMAHA	NE	68179			Inyo
029-190-12-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825			Inyo
029-190-13-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825			Inyo
029-190-16-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825			Inyo
029-190-17-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825			Inyo
029-190-20-00	1807 13TH ST	SACRAMENTO	CA	95814			Inyo
029-190-21-00	1807 13TH ST	SACRAMENTO	CA	95814			Inyo
029-190-22-00	8830 KULKA RD	LAS VEGAS	NV	89161			Inyo
029-190-22-00	8830 KULKA RD	LAS VEGAS	NV	89161			Inyo
029-200-11-00	1807 13TH ST	SACRAMENTO	CA	95814		CARTAGO CA 93549	Inyo
033-020-26-00	PO BOX A	OLANCHA	CA	93549	200 HWY 395	OLANCHA CA 93549	Inyo
033-020-27-00	PO BOX A	OLANCHA	CA	93549	410 CABIN BAR RANCH RD	OLANCHA CA 93549	Inyo
033-050-01-00	PO BOX A	OLANCHA	CA	93549		OLANCHA CA 93549	Inyo
033-050-02-00	1807 13TH ST	SACRAMENTO	CA	95814		OLANCHA CA 93549	Inyo
033-050-04-00	PO BOX A	OLANCHA	CA	93549		OLANCHA CA 93549	Inyo

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033-050-08-00	300 MANDICH ST	BISHOP	CA	93514		OLANCHA CA 93549	Inyo
033-050-09-00	300 MANDICH ST	BISHOP	CA	93514		OLANCHA CA 93549	Inyo
033-050-15-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825		OLANCHA CA 93549	Inyo
033-110-04-00	PO BOX 8112	NEWPORT BEACH	CA	92658		OLANCHA CA 93549	Inyo
033-110-08-00	PO BOX 26	OLANCHA	CA	93549	650 CACTUS FLATS RD	OLANCHA CA 93549	Inyo
033-110-11-00	1241 LINDEN AVE	GLENDALE	CA	91201	751 CACTUS FLATS RD	OLANCHA CA 93549	Inyo
033-110-13-00	10713 MAPLE HILL CIR	SANDY	UT	84092		OLANCHA CA 93549	Inyo
033-110-25-00	74 HIBISCUS WAY	VENTURA	CA	93004	549 CACTUS FLATS RD	OLANCHA CA 93549	Inyo
033-110-31-00	10876 LOMA VISTA RD	VENTURA	CA	93004	735 CACTUS FLATS RD	OLANCHA CA 93549	Inyo
033-110-36-00	PO BOX 94	OLANCHA	CA	93549	741 CACTUS FLATS RD	OLANCHA CA 93549	Inyo
033-110-40-00	PO BOX 69	OLANCHA	CA	93549	2010 HWY 395	OLANCHA CA 93549	Inyo
033-110-50-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825		OLANCHA CA 93549	Inyo
033-210-16-00	300 MANDICH ST	BISHOP	CA	93514		HAIWEE CA	Inyo
033-210-17-00	1911 MANZANITA DR	OAKLAND	CA	94611		HAIWEE CA	Inyo
033-210-27-00	300 MANDICH ST	BISHOP	CA	93514		HAIWEE CA	Inyo
033-210-28-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825		HAIWEE CA	Inyo
033-210-29-00	300 MANDICH ST	BISHOP	CA	93514		HAIWEE CA	Inyo
033-240-05-00	300 MANDICH ST	BISHOP	CA	93514		HAIWEE CA	Inyo
033-240-12-00	PO BOX 35	OLANCHA	CA	93549	350 LAKEVIEW RD	HAIWEE CA	Inyo
033-240-22-00	300 MANDICH ST	BISHOP	CA	93514		HAIWEE CA	Inyo
033-240-23-00	300 MANDICH ST	BISHOP	CA	93514		HAIWEE CA	Inyo
033-240-30-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825		HAIWEE CA	Inyo
033-240-31-00	300 MANDICH ST	BISHOP	CA	93514		HAIWEE CA	Inyo
033-400-12-00	151 WALKER CRK RD	OLANCHA	CA	93549	151 WALKER CREEK RD	OLANCHA CA 93549	Inyo
033-400-13-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825		OLANCHA CA 93549	Inyo
033-460-07-00	10575 PINEHILL DR	SHADOW HILLS	CA	91040	593 FALL RD	OLANCHA CA 93549	Inyo
033-460-12-00	52 HONEYSUCKLE DR	MANAHAWKIN	NJ	8050		OLANCHA CA 93549	Inyo
033-460-13-00	2527 152ND ST	GARDENA	CA	90249		OLANCHA CA 93549	Inyo
033-460-23-00	222 9TH ST	MINNEAPOLIS	MN	55402	705 FALL RD	OLANCHA CA 93549	Inyo
033-460-24-00	222 9TH ST	MINNEAPOLIS	MN	55402	705 FALL RD	OLANCHA CA 93549	Inyo
033-470-08-00	PO BOX A	OLANCHA	CA	93549	1210 HWY 395	OLANCHA CA 93549	Inyo
033-500-02-00	2261 LONGVIEW DR	BISHOP	CA	93514		OLANCHA CA 93549	Inyo
033-500-04-00	12001 SHOEMAKER AVE	SANTA FE SPGS	CA	90670		OLANCHA CA 93549	Inyo
033-500-05-00	PO BOX 2611	APPLE VALLEY	CA	92307		OLANCHA CA 93549	Inyo
033-500-05-00	PO BOX 2611	APPLE VALLEY	CA	92307		OLANCHA CA 93549	Inyo
033-500-06-00	222 9TH ST	MINNEAPOLIS	MN	55402		OLANCHA CA 93549	Inyo
033-500-07-00	222 9TH ST	MINNEAPOLIS	MN	55402		OLANCHA CA 93549	Inyo
037-020-02-00	300 MANDICH ST	BISHOP	CA	93514		LITTLE LAKE CA 93542	Inyo
037-020-04-00	300 MANDICH ST	BISHOP	CA	93514		LITTLE LAKE CA 93542	Inyo
037-020-14-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825		LITTLE LAKE CA 93542	Inyo
037-020-16-00	300 MANDICH ST	BISHOP	CA	93514	1811 HAIWEE RD	LITTLE LAKE CA 93542	Inyo
037-020-17-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825		LITTLE LAKE CA 93542	Inyo
037-020-18-00	300 MANDICH ST	BISHOP	CA	93514	3401 HAIWEE RD	LITTLE LAKE CA 93542	Inyo
037-030-02-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825			Inyo
037-040-02-00	300 MANDICH ST	BISHOP	CA	93514		LITTLE LAKE CA 93542	Inyo
037-040-03-00	PO BOX 1690	INYOKERN	CA	93527			Inyo
037-040-23-00	PO BOX 1690	INYOKERN	CA	93527			Inyo
037-040-28-00	437 MADISON AVE	NEW YORK	NY	10022			Inyo
037-040-30-00	437 MADISON AVE	NEW YORK	NY	10022			Inyo
037-040-37-00	300 MANDICH ST	BISHOP	CA	93514			Inyo
037-040-39-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825			Inyo
037-040-41-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825			Inyo
037-070-09-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825			Inyo
037-080-BL-M0	Not Available						Inyo
037-090-08-00	Not Available						Inyo
037-090-08-00	Not Available						Inyo

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037-120-17-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825		LITTLE LAKE CA 93542	Inyo
037-120-19-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825		LITTLE LAKE CA 93542	Inyo
037-120-22-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825		LITTLE LAKE CA 93542	Inyo
037-120-26-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825		LITTLE LAKE CA 93542	Inyo
037-150-BL-M0	Not Available						Inyo
037-150-BL-M0	Not Available						Inyo
037-150-BL-M0	Not Available						Inyo
037-150-BL-M0	Not Available						Inyo
037-150-RR-00	Not Available						Inyo
037-160-07-00	7711 WINDING WAY	FAIR OAKS	CA	95628			Inyo
037-160-49-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825			Inyo
037-160-50-00	2800 COTTAGE WAY	SACRAMENTO	CA	95825			Inyo
037-160-51-00	1400 DOUGLAS STOP	OMAHA	NE	68179			Inyo
037-170-04-00	506 CRICKETFIELD CT	THOUSAND OAKS	CA	91361			Inyo
037-170-06-00	506 CRICKETFIELD CT	THOUSAND OAKS	CA	91361			Inyo
037-170-07-00	506 CRICKETFIELD CT	THOUSAND OAKS	CA	91361			Inyo
037-220-14-00	514 AMERICAS WAY	BOX ELDER	SD	57719		PEARSONVILLE CA 93527	Inyo
037-230-12-00	Not Available						Inyo
037-230-12-00	Not Available						Inyo
037-250-01-00	246 DRUMMOND AVE	RIDGECREST	CA	93555		PEARSONVILLE CA 93527	Inyo
037-250-02-00	246 DRUMMOND AVE	RIDGECREST	CA	93555		PEARSONVILLE CA 93527	Inyo
037-250-03-00	12913 BONANZA RD	VICTORVILLE	CA	92392	1051 STERLING RD	PEARSONVILLE CA 93527	Inyo
037-260-01-00	1807 13TH ST	SACRAMENTO	CA	95814			Inyo
037-260-01-00	1807 13TH ST	SACRAMENTO	CA	95814			Inyo
037-390-01-00	NAVAL WEAPONS CENTER	CHINA LAKE	CA	93555			Inyo
037-440-01-00	NAVAL WEAPONS CENTER	CHINA LAKE	CA	93555			Inyo
037-450-01-00	NAVAL WEAPONS CENTER	CHINA LAKE	CA	93555			Inyo
037-450-BL-M0	Not Available						Inyo
056-071-29	15900 KENNEDY RD	LOS GATOS	CA	93032-6531			Kern
056-071-37	15900 KENNEDY RD	LOS GATOS	CA	93032-6531			Kern
056-072-02	UNKNOWN						Kern
056-072-05	4831 CALLOWAY DR STE 102	BAKERSFIELD	CA	93312-9710			Kern
056-073-01	UNKNOWN						Kern
056-073-02	1436 CAROB WY	MONTEBELLO	CA	90640-6413			Kern
056-073-05	UNKNOWN						Kern
056-073-06	8706 HILL RD	INYOKERN	CA	93527	8706 HILL RD	INYOKERN CA	Kern
056-073-07	110 SW CEDAR ST	PULLMAN	WA	99163-2915			Kern
056-073-08	110 SW CEDAR ST	PULLMAN	WA	99163-2915			Kern
056-073-09	PO BOX 1627	INYOKERN	CA	93527-1627			Kern
056-073-10	8800 HILL RD	INYOKERN	CA	93527			Kern
056-093-02	UNKNOWN						Kern
056-095-17	UNKNOWN						Kern
056-095-18	PO BOX 1627	INYOKERN	CA	93527-1627			Kern
056-095-20	PO BOX 1627	INYOKERN	CA	93527-1627			Kern
056-170-01	ASTAD 19	TVAAKER	Sweden	432 77			Kern
056-170-02	UNKNOWN						Kern
056-180-02	UNKNOWN						Kern
056-180-05	P O BOX 11287	YAKIMA	WA	98909-2287			Kern
056-180-06	866 BERRYESSA ST	MILPITAS	CA	95035-4307	6360 BLACK MTN BL	INYOKERN CA	Kern
056-180-08	7221 OAKDALE AV	WINNETKA	CA	91306-3044			Kern
056-180-09	7221 OAKDALE AV	WINNETKA	CA	91306-3044			Kern
056-180-10	866 BERRYESSA ST	MILPITAS	CA	95035-4307		INYOKERN CA	Kern
056-180-11	866 BERRYESSA ST	MILPITAS	CA	95035-4307		INYOKERN CA	Kern
056-191-09	PO BOX 973	RIDGECREST	CA	93556			Kern
056-191-10	632 POINSETTIA PL	LOS ANGELES	CA	90036			Kern
056-191-13	UNKNOWN						Kern

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056-280-14	PO BOX 1627	INYOKERN	CA	93527-1627			Kern
056-280-15	PO BOX 1627	INYOKERN	CA	93527-1627			Kern
056-280-16	PO BOX 1627	INYOKERN	CA	93527-1627			Kern
056-280-17	PO BOX 1627	INYOKERN	CA	93527-1627			Kern
056-280-22	PO BOX 1627	INYOKERN	CA	93527-1627			Kern
056-280-23	PO BOX 1627	INYOKERN	CA	93527-1627			Kern
056-320-06	PO BOX 1627	INYOKERN	CA	93527-1627			Kern
056-330-14	PO BOX 1627	INYOKERN	CA	93527-1627			Kern
056-380-12	4831 CALLOWAY DR STE 102	BAKERSFIELD	CA	93312-9710			Kern
056-380-13	4831 CALLOWAY DR STE 102	BAKERSFIELD	CA	93312-9710			Kern
067-050-18	PO BOX 1627	RIDGECREST	CA	93556			Kern
080-020-45	1 MARKET PZ STE 400	SAN FRANCISCO	CA	94105-1004			Kern
080-020-67						RIDGECREST CA	Kern
080-020-68	2244 WALNUT GROVE AV 110M	ROSEMEAD	CA	91770-3714		RIDGECREST CA	Kern
080-020-69						RIDGECREST CA	Kern
080-182-07	424 LENORE ST	RIDGECREST	CA	93555-4132	424 LENORE ST	RIDGECREST CA	Kern
080-182-08	428 LENORE ST	RIDGECREST	CA	93555-4132	428 LENORE ST	RIDGECREST CA	Kern
080-182-09	PO BOX 54444	MILLINGTON	TN	38054-0444	432 LENORE ST	RIDGECREST CA	Kern
080-182-10	150 E UPJOHN AV	RIDGECREST	CA	93555-4160	150 UPJOHN AV	RIDGECREST CA	Kern
080-183-07	P O BOX 559	DEATH VALLEY	CA	92328-0559	425 LENORE ST	RIDGECREST CA	Kern
080-183-08	427 LENORE ST	RIDGECREST	CA	93555-4131	427 LENORE ST	RIDGECREST CA	Kern
080-183-09	429 LENORE ST	RIDGECREST	CA	93555	429 LENORE ST	RIDGECREST CA	Kern
080-183-10	525 S ERIN ST	RIDGECREST	CA	93555	144 E UPJOHN AV	RIDGECREST CA	Kern
080-192-04	426 S CHINA LAKE BL	RIDGECREST	CA	93555	426 S CHINA LAKE BL	RIDGECREST CA	Kern
080-192-10	27490 GLENWOOD DR	MISSION VIEJO	CA	92692-5005	430 S CHINA LAKE BL	RIDGECREST CA	Kern
080-192-11	2141 SKYE DR	RIVERSIDE	CA	92506-5554	440 S CHINA LAKE BL	RIDGECREST CA	Kern
080-221-06	14221 DALLAS PKWY STE 1000	DALLAS	TX	75254-2946	421 KARIN ST	RIDGECREST CA	Kern
080-221-07	425 KARIN ST	RIDGECREST	CA	93555-4127	425 KARIN ST	RIDGECREST CA	Kern
080-221-08	429 S KARIN ST	RIDGECREST	CA	93555	429 KARIN ST	RIDGECREST CA	Kern
080-222-01	PO BOX 841	VISALIA	CA	93279-0841	428 KARIN ST	RIDGECREST CA	Kern
080-222-02	424 KARIN ST	RIDGECREST	CA	93555-4128	424 KARIN ST	RIDGECREST CA	Kern
080-261-07	212 E HAYDEN	RIDGECREST	CA	93555	212 E HAYDEN ST	RIDGECREST CA	Kern
080-261-08	P O BOX 2332	RIDGECREST	CA	93556	208 E HAYDEN ST	RIDGECREST CA	Kern
080-261-09	204 E HAYDEN ST	RIDGECREST	CA	93555	204 E HAYDEN ST	RIDGECREST CA	Kern
080-261-10	200 E HAYDEN AV	RIDGECREST	CA	93555-5301	200 E HAYDEN ST	RIDGECREST CA	Kern
080-261-11	601 S GEMSTONE ST	RIDGECREST	CA	93555	601 GEMSTONE ST	RIDGECREST CA	Kern
080-261-12	605 GEMSTONE ST	RIDGECREST	CA	93555	605 GEMSTONE ST	RIDGECREST CA	Kern
080-261-13	609 S GEMSTONE ST	RIDGECREST	CA	93555	609 GEMSTONE ST	RIDGECREST CA	Kern
080-261-14	613 S GEMSTONE ST	RIDGECREST	CA	93555-5304	613 S GEMSTONE ST	RIDGECREST CA	Kern
080-262-07	604 S GEMSTONE ST	RIDGECREST	CA	93555	604 GEMSTONE ST	RIDGECREST CA	Kern
080-262-08	600 S GEMSTONE ST	RIDGECREST	CA	93555-5303	600 GEMSTONE ST	RIDGECREST CA	Kern
080-290-24	243-0 UPJOHN EAST	RIDGECREST	CA	93555			Kern
080-310-01	147 E UPJOHN AV	RIDGECREST	CA	93555-4178	147 E UPJOHN AV	RIDGECREST CA	Kern
080-310-02	127 N MADISON AV STE 208	PASADENA	CA	91101-1715	149 E UPJOHN AV	RIDGECREST CA	Kern
080-310-03	325 W INYOKERN RD	RIDGECREST	CA	93555	151 E UPJOHN AV	RIDGECREST CA	Kern
080-310-04	10411 GAINSBOROUGH CT	BAKERSFIELD	CA	93312-7040	153 E UPJOHN AV	RIDGECREST CA	Kern
080-310-05	PO BOX 583	RIDGECREST	CA	93556-0583	155 E UPJOHN AV	RIDGECREST CA	Kern
080-310-06	P O BOX 62	RIDGECREST	CA	93556	157 E UPJOHN AV	RIDGECREST CA	Kern
080-310-07	159 E UPJOHN AV	RIDGECREST	CA	93555-4178	159 E UPJOHN AV	RIDGECREST CA	Kern
080-310-08	301 CYCLE PLANT RD	BENTON	LA	71006-8654	161 E UPJOHN AV	RIDGECREST CA	Kern
080-310-09	163 E UPJOHN AV	RIDGECREST	CA	93555-4178	163 E UPJOHN AV	RIDGECREST CA	Kern
080-310-10	165 E UPJOHN AV	RIDGECREST	CA	93555-4178	165 E UPJOHN AV	RIDGECREST CA	Kern
080-310-11	1104 W VICKI AV	RIDGECREST	CA	93555-3055	201 E UPJOHN AV	RIDGECREST CA	Kern
080-310-12	937 BIRMINGHAM RD	BURBANK	CA	91504	203 E UPJOHN AV	RIDGECREST CA	Kern
080-310-17	5413 AMBERDALE WY	ANTIOCH	CA	94531-8058	181 E UPJOHN AV	RIDGECREST CA	Kern
080-310-18	231 S SUNLAND ST	RIDGECREST	CA	93555-4234	183 E UPJOHN AV	RIDGECREST CA	Kern

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080-310-19	185 E UPJOHN AV	RIDGECREST	CA	93555-4179	185 E UPJOHN AV	RIDGECREST CA	Kern
080-310-20	737 BRYANN CI	RIDGECREST	CA	93555	187 E UPJOHN AV	RIDGECREST CA	Kern
080-310-21	6523 MEADOWRIDGE DR	SANTA ROSA	CA	95409-5817	189 E UPJOHN AV	RIDGECREST CA	Kern
080-310-22	442 S HOLLY CANYON DR	RIDGECREST	CA	93555-4279	213 E UPJOHN AV	RIDGECREST CA	Kern
080-310-23	PO BOX 664	RIVERSIDE	CA	92502	215 E UPJOHN AV	RIDGECREST CA	Kern
080-310-24	217 E UPJOHN AV	RIDGECREST	CA	93555-4173	217 E UPJOHN AV	RIDGECREST CA	Kern
080-310-28	243-0 UPJOHN EAST	RIDGECREST	CA	93555			Kern
080-320-01	167 E UPJOHN AV	RIDGECREST	CA	93555	167 E UPJOHN AV	RIDGECREST CA	Kern
080-320-02	169 E UPJOHN AV	RIDGECREST	CA	93555-4178	169 E UPJOHN AV	RIDGECREST CA	Kern
080-320-03	171 E UPJOHN AV	RIDGECREST	CA	93555-4179	171 E UPJOHN AV	RIDGECREST CA	Kern
080-320-04	173 E UPJOHN AV	RIDGECREST	CA	93555	173 E UPJOHN AV	RIDGECREST CA	Kern
080-320-05	175 E UPJOHN AV	RIDGECREST	CA	93555-4179	175 E UPJOHN AV	RIDGECREST CA	Kern
080-320-06	177 E UPJOHN AV	RIDGECREST	CA	93555-4179	177 E UPJOHN AV	RIDGECREST CA	Kern
080-320-07	893 INDEPENDENCE AV	AKRON	OH	44310-2521	179 E UPJOHN AV	RIDGECREST CA	Kern
080-320-08	191 E UPJOHN AV	RIDGECREST	CA	93555-4179	191 E UPJOHN AV	RIDGECREST CA	Kern
080-320-09	193 E UPJOHN AV	RIDGECREST	CA	93555	193 E UPJOHN AV	RIDGECREST CA	Kern
080-320-10	195 E UPJOHN AV	RIDGECREST	CA	93555	195 E UPJOHN AV	RIDGECREST CA	Kern
080-320-11	197 E UPJOHN AV	RIDGECREST	CA	93555-4179	197 E UPJOHN AV	RIDGECREST CA	Kern
080-320-12	199 E UPJOHN AV	RIDGECREST	CA	93555-4179	199 E UPJOHN AV	RIDGECREST CA	Kern
080-320-13	534 KEVIN CT	RIDGECREST	CA	93555-3420	225 E UPJOHN AV	RIDGECREST CA	Kern
080-320-14	227 E UPJOHN AV	RIDGECREST	CA	93555	227 E UPJOHN AV	RIDGECREST CA	Kern
080-320-15	3609 ROCKCREST CT	BAKERSFIELD	CA	93311-2211	229 E UPJOHN AV	RIDGECREST CA	Kern
080-320-27	243-0 UPJOHN EAST	RIDGECREST	CA	93555			Kern
084-010-02	2244 WALNUT GROVE AV	ROSEMEAD	CA	91770-3714			Kern
084-010-11	2244 WALNUT GROVE AV	ROSEMEAD	CA	91770-3714			Kern
084-010-49	1009 W UPJOHN AV	RIDGECREST	CA	93555			Kern
084-010-50	1009 W UPJOHN AV	RIDGECREST	CA	93555			Kern
084-010-51	1009 W UPJOHN AV	RIDGECREST	CA	93555			Kern
084-010-52	1009 W UPJOHN AV	RIDGECREST	CA	93555			Kern
084-022-17	2072 SWIFT AV	CLOVIS	CA	93611			Kern
097-070-02	UNKNOWN						Kern
097-070-05	UNKNOWN						Kern
097-090-02	UNKNOWN						Kern
097-090-03	UNKNOWN						Kern
097-090-04	UNKNOWN						Kern
097-110-04	UNKNOWN						Kern
097-110-05	PO BOX 671	FERRON	UT	84523-0671			Kern
097-110-05	2001 22ND ST STE 100	BAKERSFIELD	CA	93301			Kern
097-110-05	11570 SW TERRACE TRAILS DR	TIGARD	OR	97223			Kern
097-110-05	18140 INDEX ST	NORTHRIDGE	CA	91326			Kern
097-110-05	P O BOX 927	THOUSAND PALMS	CA	92276			Kern
097-110-05	6627 RIVER GROVE ST	BAKERSFIELD	CA	93308-9765			Kern
097-110-05	6627 RIVER GROVE ST	BAKERSFIELD	CA	93308-9765			Kern
097-200-06	UNKNOWN						Kern
097-210-02						RIDGECREST CA	Kern
154-170-02	UNKNOWN						Kern
154-170-03	UNKNOWN						Kern
154-170-04	UNKNOWN						Kern
154-170-05	135 S STATE COLLEGE BL # 400	BREA	CA	92821	GARLOCK RD	JOHANNESBURG CA	Kern
154-170-06	UNKNOWN						Kern
154-180-01	UNKNOWN						Kern
154-180-06	UNKNOWN						Kern
154-180-13	UNKNOWN						Kern
154-180-16	1085 BLACK MOUNTAIN RD	HILLSBOROUGH	CA	94010-7058	39601 GOLER RD	RANDSBURG CA	Kern
154-190-08	10201 VANALDEN AV	NORTHRIDGE	CA	91324			Kern
154-190-09	2244 WALNUT GROVE AV	ROSEMEAD	CA	91770-3714			Kern

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154-190-10	P O BOX 6732	INCLINE VLG	NV	89450			Kern
154-200-02	UNKNOWN						Kern
154-200-03	UNKNOWN				38155 GOLER RD	RANDSBURG CA	Kern
155-010-02	P O BOX 770	LOTUS	CA	95651			Kern
155-010-03	800 PAIGE DR	POMONA	CA	91768-1644			Kern
155-010-04	800 PAIGE DR	POMONA	CA	91768-1644			Kern
155-010-05	853 W WASHINGTON BL	LOS ANGELES	CA	90015			Kern
155-010-20	UNKNOWN						Kern
155-020-07	800 PAIGE DR	POMONA	CA	91768-1644			Kern
155-020-21	UNKNOWN						Kern
155-040-03	48 ROCKAWAY RD	OAK VIEW	CA	93022-9305			Kern
155-040-04	48 ROCKAWAY RD	OAK VIEW	CA	93022-9305	16 LEXINGTON AV	RANDSBURG CA	Kern
155-040-05	2371 TORRANCE BL	TORRANCE	CA	90501-2579	14 LEXINGTON AV	RANDSBURG CA	Kern
155-040-07	1341 BIRCHIM LN	BISHOP	CA	93514-7629			Kern
155-040-14	812 WILLOW ST	MYRTLE PT	OR	97458			Kern
155-040-15	812 WILLOW ST	MYRTLE PT	OR	97458			Kern
155-040-16	P O BOX 16052	S LAKE TAHOE	CA	96151			Kern
155-040-17	414 GLENULLEN DR	PASADENA	CA	91105-2175	26909 BUTTE AV	RANDSBURG CA	Kern
155-050-06	81944 US HIGHWAY 111 STE E	INDIO	CA	92201-5443			Kern
155-050-19	2877 HELIX ST	SPRING VALLEY	CA	91977-3332	HIGHLAND AV	RANDSBURG CA	Kern
155-050-20	2455 BLUEBIRD LN	BULLHEAD CITY	AZ	86442	HIGHLAND AV	RANDSBURG CA	Kern
155-050-21	2877 HELIX ST	SPRING VALLEY	CA	91977	HIGHLAND AV	RANDSBURG CA	Kern
155-170-03	800 PAIGE DR	POMONA	CA	91768-1644			Kern
155-170-04							Kern
155-170-05	UNKNOWN						Kern
155-170-10	244 DEL MESA CARMEL	CARMEL	CA	93923-7959			Kern
182-070-02	23744 MAHOGANY CT	SANTA CLARITA	CA	91354	35657 BUTTE AV	RANDSBURG CA	Kern
182-070-04	23744 MAHOGANY CT	SANTA CLARITA	CA	91354			Kern
182-070-05	800 PAIGE DR	POMONA	CA	91768-1644			Kern
182-070-10	800 PAIGE DR	POMONA	CA	91768-1644			Kern
182-070-12	UNKNOWN						Kern
182-080-01	PO BOX 70	ANAHEIM	CA	92815			Kern
182-080-02	12501 SOLARIS DR U 43	RANCHO CUCAMONG	CA	91739-1206			Kern
182-080-04	12501 SOLARIS DR U 43	RANCHO CUCAMONG	CA	91739-1206			Kern
182-080-05	SUITE 3400 666 BURRARD STREET	VANCOUVER	BC	V6C 2X8			Kern
182-080-06	UNKNOWN						Kern
182-080-08	UNKNOWN						Kern
182-090-03	SUITE 3400 666 BURRARD STREET	VANCOUVER	BC		100 BALTIC MINE	RANDSBURG CA	Kern
182-090-04	SUITE 3400 666 BURRARD ST	VANCOUVER	BC				Kern
182-090-04	P O BOX 2111	MONTEREY	CA	93940			Kern
182-090-07	UNKNOWN						Kern
182-130-04	UNKNOWN						Kern
182-130-05	UNKNOWN						Kern
341-072-01	PO BOX 21441 ... 215	BAKERSFIELD	CA	93390-1441			Kern
341-082-23	35141 TEDESCA DR	PALM DESERT	CA	92211-3090			Kern
341-082-24	PO BOX 2	LANCASTER	CA	93584-0002			Kern
341-082-25	PO BOX 2	LANCASTER	CA	93584-0002			Kern
341-082-26	PO BOX 2	LANCASTER	CA	93584-0002			Kern
341-082-27	PO BOX 2	LANCASTER	CA	93584-0002			Kern
341-082-29	P O BOX 9	GEORGETOWN	CA	95634			Kern
341-085-11	2544 CROSSGATE ST	ORANGE	CA	92867			Kern
341-085-12	110 E EVERGREEN DR # 12	KALISPELL	MT	59901			Kern
341-085-13	PO BOX 274	INYOKERN	CA	93527-0274			Kern
341-085-25	2261 MONACO DR	OXNARD	CA	93035-2915			Kern
341-085-27	2261 MONACO DR	OXNARD	CA	93035-2915			Kern
341-085-29	217 W INYOKERN RD	RIDGECREST	CA	93555-2611	118 PLUTO ST	RIDGECREST CA	Kern

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341-091-01	7882 LAKE DR	ALGONAC	MI	48001			Kern
341-091-02	PO BOX 21441 ... 215	BAKERSFIELD	CA	93390-1441			Kern
341-091-04	UNKNOWN						Kern
341-091-05	765 CENTERWOOD RD	WILLISTON	SC	29853			Kern
341-091-06	3425 TULALIP AV	EVERETT	WA	98201-4157			Kern
341-110-01	UNKNOWN						Kern
341-110-02	UNKNOWN						Kern
341-110-05	UNKNOWN						Kern
341-110-06	UNKNOWN						Kern
341-130-23	UNKNOWN						Kern
341-140-10	2345 ROCK VIEW GLEN	ESCONDIDO	CA	92026			Kern
341-140-11	UNKNOWN						Kern
341-140-15	8000 BARTON RD	GRANITE BAY	CA	95746-9354			Kern
341-140-16	1150 BEVERLY WY	ESCONDIDO	CA	92026-3206			Kern
341-140-17	P O BOX 21426	CARSON CITY	NV	89721			Kern
341-140-20	49930 ELISE ST	LANCASTER	CA	93536-9140			Kern
341-140-21	PO BOX 730787	SAN JOSE	CA	95173-0787			Kern
341-140-24	1975 HILLDALE DR	LA CANADA FLINT	CA	91011-3004			Kern
341-140-28	UNKNOWN						Kern
341-300-01	953 DOGWOOD	COSTA MESA	CA	92627			Kern
341-300-02	636 JOYNER	RIDGECREST	CA	93555			Kern
341-300-06	5604 NORWALK CT	RIVERSIDE	CA	92505-2322			Kern
341-300-07	801 W WARD AV SP 76	RIDGECREST	CA	93555-2446			Kern
341-300-12	1290 WILLET CI	ANAHEIM	CA	92807			Kern
341-300-13	2292 WEKIVA VILLAGE LN	APOPKA	FL	32703			Kern
341-300-14	6009 AMES LAKE RD	CARNATION	WA	98014			Kern
341-300-15	P O BOX 50	YUBA CITY	CA	95992			Kern
341-300-16	20508 TINNIN RD	MANTECA	CA	95337-8523			Kern
341-300-17	3818 ALSACE AV	LOS ANGELES	CA	90008			Kern
341-300-18	1721 N BROADWAY	LOS ANGELES	CA	90031-1763			Kern
341-300-21	5556 BILL CODY RD	HIDDEN HILLS	CA	91302-1101			Kern
341-300-22	7252 VINE ST	HIGHLAND	CA	92346-2936			Kern
341-300-23	PO BOX 430	FIDDLETOWN	CA	95629-0430			Kern
341-300-24	464 SULLIVAN WY	MOUNTAIN HOUSE	CA	95391			Kern
341-300-25	108 FARGO WY	FOLSOM	CA	95630-2906			Kern
341-300-26	2425 MAHAN WY	SAN PABLO	CA	94806-1632			Kern
352-021-01	UNKNOWN						Kern
352-021-02	UNKNOWN						Kern
352-021-05	UNKNOWN						Kern
352-083-02	UNKNOWN						Kern
352-086-01	UNKNOWN						Kern
352-086-02	UNKNOWN						Kern
352-086-06	16345 NE SIMONDS RD	KENMORE	WA	98028-4437			Kern
352-086-07	P O BOX 245	INYOKERN	CA	93527	6109 BOW AV	INYOKERN CA	Kern
352-202-18	P O BOX 1510	LA MIRADA	CA	90637			Kern
352-202-19	5220 RIDGECREST BL	INYOKERN	CA	93527	5220 RIDGECREST BL	INYOKERN CA	Kern
352-202-23	500 W RIDGECREST BL	RIDGECREST	CA	93555-4017			Kern
352-202-24	PO BOX 81841	BAKERSFIELD	CA	93380-1841			Kern
352-291-03	P O BOX 453	INYOKERN	CA	93527			Kern
352-291-26	4554 N AVENIDA DEL SOL	INYOKERN	CA	93527-2018			Kern
352-291-27	4554 N AAVENIDA DEL SOL	INYOKERN	CA	93527-2018			Kern
352-291-28	620 W UPJOHN AV SP C92	RIDGECREST	CA	93555-4532			Kern
352-291-29	P O BOX 1694	INYOKERN	CA	93527	6218 THREE PINES CANYON AV	RIDGECREST CA	Kern
352-292-17	PO BOX 1044	INYOKERN	CA	93527	6147 THREE PINES CANYON RD	INYOKERN CA	Kern
352-292-18	P O BOX 1385	INYOKERN	CA	93527	6100 HICKS AV	INYOKERN CA	Kern
352-292-20	P O BOX 999	INYOKERN	CA	93527			Kern

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352-292-21	P O BOX 999	INYOKERN	CA	93527			Kern
352-310-11	PO BOX 339	RIDGECREST	CA	93556-0339	5631 INYOKERN RD	RIDGECREST CA	Kern
352-310-15	1540 N MERCURY ST	RIDGECREST	CA	93555-8456	1540 N MERCURY ST	RIDGECREST CA	Kern
352-310-16	52440 ELDER CREEK RD	AGUANGA	CA	92536-9674			Kern
352-310-41	3908 SENAN ST	CAMARILLO	CA	93010			Kern
352-310-42	3908 SENAN ST	CAMARILLO	CA	93010			Kern
352-310-43	1441 EAGLESFIELD LN	LINCOLN	CA	95648-3266			Kern
352-310-44	4445 N 102ND DR	PHOENIX	AZ	85037-5645			Kern
352-310-45	3908 SENAN ST	CAMARILLO	CA	93010			Kern
352-320-03	30962 SILVER PALM DR	HOMELAND	CA	92548-9679			Kern
352-320-15	1685 S BELLE AV	CORONA	CA	92882			Kern
352-320-16	620 LUCAS PL	MERRITT ISLAND	FL	32953-6002			Kern
352-320-17	3510 STRAWBERRY CREEK PL	ONTARIO	CA	91761-0260			Kern
352-320-18	914 N ORCHARD DR	BURBANK	CA	91506			Kern
352-320-19	18228 CARA LN	JAMESTOWN	CA	95327			Kern
352-320-37	2072 SWIFT AV	CLOVIS	CA	93611			Kern
352-320-38	2072 SWIFT AV	CLOVIS	CA	93611			Kern
352-320-43	5509 SYDNOR AV	RIDGECREST	CA	93555-8543	5509 SYDNOR AV	RIDGECREST CA	Kern
352-320-51	PO BOX 1661	RIDGECREST	CA	93556	5622 AUTUMN AV	RIDGECREST CA	Kern
352-320-52	P O BOX 851	INYOKERN	CA	93527-0851	5625 SYDNOR AV	RIDGECREST CA	Kern
352-360-08	PO BOX 35	INYOKERN	CA	93527-0035	4800 N MESQUITE ST	INYOKERN CA	Kern
352-360-22	6720 SEIBENTHAL RD	INYOKERN	CA	93527	6720 SEIBENTHAL RD	INYOKERN CA	Kern
352-360-23	PO BOX 2057	RIDGECREST	CA	93556-2057	6648 SEIBENTHAL RD	INYOKERN CA	Kern
352-360-25	PO BOX 233	MORRO BAY	CA	93443-0233	6709 LORENE AV	INYOKERN CA	Kern
352-360-27	408 VEADA AV	RIDGECREST	CA	93555	6708 PATRICE AV	INYOKERN CA	Kern
352-360-28	6666 PATRICE AV	INYOKERN	CA	93527	6666 PATRICE AV	INYOKERN CA	Kern
352-360-30	P O BOX 756	INYOKERN	CA	93527	6711 PATRICE AV	INYOKERN CA	Kern
352-360-31	6693 PATRICE AV	INYOKERN	CA	93527	6693 PATRICE AV	INYOKERN CA	Kern
352-372-06	315 N PALM DR	BEVERLY HILLS	CA	90210	6533 SOLO RD	INYOKERN CA	Kern
352-372-07	1615 N DOWNS ST APT D	RIDGECREST	CA	93555-2465			Kern
352-372-08	813 MORTON LN # 3	LAS CRUCES	NM	88007-4847	4009 NO OWENS PEAK ST	INYOKERN CA	Kern
352-372-14	3020 OCEANSIDE BL	OCEANSIDE	CA	92054-4825	3957 N OWENS PEAK ST	INYOKERN CA	Kern
352-372-15	6650 WADE DR	STAGECOACH	NV	89429-8443			Kern
352-372-16	4884 S BRIGHT ANGEL TL	FLAGSTAFF	AZ	86005-8369	3909 N OWENS PEAK ST	INYOKERN CA	Kern
352-440-09	6847 SOLO RD	INYOKERN	CA	93527-2420			Kern
352-440-10	3644 W GRAAF AV	RIDGECREST	CA	93555-7931	4444 N THIRD ST	INYOKERN CA	Kern
352-440-11	3644 W GRAAF AV	RIDGECREST	CA	93555-7931			Kern
352-440-12	4368 THIRD ST	INYOKERN	CA	93527-2423	4368 N THIRD ST	INYOKERN CA	Kern
352-440-13	UNKNOWN						Kern
352-502-14	5921 POOLE AV	INYOKERN	CA	93527	5921 POOLE ST	INYOKERN CA	Kern
352-502-15	2025 MOONWIND ST	INYOKERN	CA	93527	2025 MOONWIND ST	RIDGECREST CA	Kern
352-502-17	PO BOX 6	RIDGECREST	CA	93556-0006	1952 N BLACKBIRD ST	INYOKERN CA	Kern
352-502-20	2897 MATTHEWS MILL RD	GLASGOW	KY	42141-8476			Kern
352-502-22	UNKNOWN						Kern
352-502-23	2244 WALNUT GROVE AV	ROSEMEAD	CA	91770-3714			Kern
352-502-24	2244 WALNUT GROVE AV	ROSEMEAD	CA	91770-3714			Kern
352-530-01	PO BOX 1220	PALO CEDRO	CA	96073-1220			Kern
352-530-02	1910 3RD AV	SUTTER	CA	95982			Kern
352-530-03	1910 3RD AV	SUTTER	CA	95982			Kern
352-530-04	1910 3RD AV	SUTTER	CA	95982			Kern
352-530-05	1910 3RD AV	SUTTER	CA	95982			Kern
352-530-06	PO BOX 1133	INYOKERN	CA	93527-1133			Kern
352-530-07	P O BOX 1133	INYOKERN	CA	93527	3740 N OWENS PEAK ST	INYOKERN CA	Kern
352-530-08	P O BOX 808	INYOKERN	CA	93527	3600 OWENS PEAK ST	INYOKERN CA	Kern
352-530-09	P O BOX 808	INYOKERN	CA	93527			Kern
352-530-10	PO BOX 244	INYOKERN	CA	93527-0244	6356 FREEDOM CT	INYOKERN CA	Kern

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352-530-14	4407 BARTEL DR	RIVERSIDE	CA	92503	3300 OWENS PEAK ST	INYOKERN CA	Kern
352-530-17	3442 THIRD ST	INYOKERN	CA	93527-2605	6355 FREEDOM CT	INYOKERN CA	Kern
352-530-18	3442 THIRD ST	INYOKERN	CA	93527-2605	FREEDOM CT	INYOKERN CA	Kern
456-081-12	1730 BAY RD APT 322	EAST PALO ALTO	CA	94303-5305	1026 RIDGECREST BL	RIDGECREST CA	Kern
456-082-10	36 PINE LN	LOS ALTOS	CA	94022-1639			Kern
456-090-07	18740 MAPLEWOOD LN	NORTHRIDGE	CA	91326			Kern
456-090-09	720 N NORMA ST STE D	RIDGECREST	CA	93555-3553			Kern
456-090-12	720 N NORMA ST STE D	RIDGECREST	CA	93555-3553			Kern
477-010-07	310 MESQUITE AV	RIDGECREST	CA	93555	825 W RIDGECREST BL	RIDGECREST CA	Kern
477-010-11	328 E DANA AV	RIDGECREST	CA	93555-7711			Kern
477-010-15	P O BOX 1358	RIDGECREST	CA	93556			Kern
477-010-16	P O BOX 1358	RIDGECREST	CA	93556			Kern
477-010-17	P O BOX 1358	RIDGECREST	CA	93556	132 S DOWNS AV	RIDGECREST CA	Kern
477-010-18	P O BOX 1358	RIDGECREST	CA	93556			Kern
478-083-09	401 INYOKERN RD	RIDGECREST	CA	93555	425 S CHINA LAKE BL	RIDGECREST CA	Kern
478-083-15	1047 N INYO ST	RIDGECREST	CA	93555	459 S CHINA LAKE BL	RIDGECREST CA	Kern
478-083-18	1220 E BELLE VISTA AV	RIDGECREST	CA	93555-8176	109 HALOID AV	RIDGECREST CA	Kern
480-010-03	128 N HOBART BL	LOS ANGELES	CA	90004	501 S CHINA LAKE BL	RIDGECREST CA	Kern
480-010-04	12608 PARK ST	CERRITOS	CA	90703	535 S CHINA LAKE BL	RIDGECREST CA	Kern
480-010-05	306 W JAVIS AV	RIDGECREST	CA	93555	150 MIGUEL CT	RIDGECREST CA	Kern
480-010-06	155 N EUCALYPTUS DR	ANAHEIM	CA	92808-1050	553 S CHINA LAKE BL	RIDGECREST CA	Kern
480-010-07	1281 N NORMA ST	RIDGECREST	CA	93555	555 S CHINA LAKE BL	RIDGECREST CA	Kern
480-010-08	6624 LEAFWOOD DR	ANAHEIM HILLS	CA	92807-5206			Kern
508-020-04	2544 N CROSSGATE ST	ORANGE	CA	92867			Kern
508-020-05	2544 N CROSSGATE ST	ORANGE	CA	92867			Kern
508-020-06	2244 WALNUT GROVE AV	ROSEMEAD	CA	91770			Kern
508-020-07	2244 WALNUT GROVE AV	ROSEMEAD	CA	91770-3714			Kern
508-020-08	139 BALSAM ST	RIDGECREST	CA	93555-3858			Kern
508-020-10	100 W CALIFORNIA AV	RIDGECREST	CA	93555-4054			Kern
511-020-03	UNKNOWN						Kern

Appendix F

Field Management Plan

ARCADIS Design & Consultancy for natural and built assets

Mesa Associates, Inc.
Engineers and Consultants

Southern California Edison

EMF FIELD MANAGEMENT PLAN FOR THE SCE TLRR IVANPAH-CONTROL PROJECT

March 8, 2019

Issue 6 – 7/10/2019

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July 10, 2019 – Rev. 5

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[Title]

VERSION CONTROL

Issue	Revision No.	Date Issued	Page No.	Description	Reviewed by
1	0	3/8/2019	All pages.	Initial release. Combined all IC segments into one report.	B. Wanex
2	1	3/21/2019	All graphs.	Updates per SCE requests. Changed from 4-hour emergency line rating amperages to 10-year projected line amperages.	B. Wanex
3	2	4/3/2019	15, 20, 40, 107, all graphs.	Changed color and line types on graphs, removed blank pages.	B. Wanex
4	3	4/11/2019	2, 3, 8	Fixed typos.	B. Wanex
5	4	4/29/2019	9, 10	Table 2 header edit. Structure number typos.	B. Wanex
6	5	7/10/2019	All pages.	Modified terminology to reflect that utilized in PEA document and PTC Application.	C. Mulligan

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ACRONYMS AND ABBREVIATIONS

AAC	All aluminum conductor, a type of overhead power line conductor
ACCC	Aluminum conductor composite core, a type of "high-temperature low-sag" overhead power line conductor
ACSR	Aluminum constructor steel reinforced, a type of overhead power line conductor
CPUC	California Public Utilities Commission
EMF	Electromagnetic field
EPRI	Electric Power Research Institute
FMP	Field Management Pla3
HTLS	High-temperature low-sag, a type of overhear conductor.
IEEE	Institute of Electrical and Electronics Engineers
IEC	International Electrotechnical Commission
IC	Ivanpah – Control transmission line
kcmil	Kilo (thousand) circular mils, a unit of conductor size and measurement
kV	Kilovolt
LWS	Light weight steel, a type of transmission structure
mG	milliGauss, a unit of measure for magnetic fields
OHGW	Overhead ground wire
OPGW	Optical ground wire
PEA	Proponent's Environmental Assessment
PLS-CADD	A software program for transmission line design
SCE	Southern California Edison
TLRR	Transmission Line Rating Remediation
TSP	Tubular steel pole, a type of transmission structure

EXECUTIVE SUMMARY

The Field Management Plan (FMP) presented in this report describes the magnetic field reduction design options incorporated into the design of the Full-Rebuild Concept of the Southern California Edison Company (SCE) Ivanpah – Control (IC) Project, which consists of modifications to the following existing 115 kilovolt (kV) subtransmission circuits:

- Control-Haiwee-Inyokern 115 kV subtransmission circuit
- Control-Haiwee- Coso-Inyokern 115 kV subtransmission circuit
- Kramer-Randsburg-Inyokern 115 kV subtransmission circuit
- Kramer-Coolwater 115 kV subtransmission circuit
- Kramer-Tortilla 115 kV subtransmission circuit
- Coolwater-Tortilla 115 kV subtransmission circuit
- Ivanpah-Mountain Pass-Baker-Dunn Siding-Coolwater 115 kV subtransmission circuit

Segments and Sections

These circuits are divided into separate segments and are further sub-categorized into multiple sections. The purpose of the IC Project is to ensure compliance with CPUC General Order 95 (GO 95) and North American Electric Reliability Corporation (NERC) Facility Ratings through remediating physical clearance discrepancies identified on existing 115 kilovolt (kV) subtransmission lines.

As discussed in greater detail in the Proponent's Environmental Assessment (PEA), SCE has identified a variety of ways to accomplish the IC Project. For purposes of a conservative and complete analysis of all potential environmental impacts associated with the IC Project, the Full Rebuild Concept incorporates a scope of work that would involve the complete rebuild of existing SCE facilities (including replacing existing structures and utilizing a new conductor) along the five subtransmission line segments spanning 358 miles between Ivanpah Substation and SCE's Control Substation. These five segments are denoted for purposes of the IC Project as Segment 1, Segment 2, Segment 3 North or "3N", Segment 3 South or "3S", and Segment 4. Additionally, the Full-Rebuild Concept scope would include the installation of approximately 359 miles of optical ground wire (OPGW). Details pertaining to the 115 kV subtransmission line infrastructure are provided in the PEA.

In addition, during the PEA preparation process, SCE identified a number of potential alternatives to the Full Rebuild Concept and assessed them for feasibility and potential environmental impacts. As a result of that effort, and as discussed more fully in the PEA and SCE's Application for a Permit to Construct the IC Project, SCE identified "Alternative E" as an alternative that would accomplish most of the IC Project objectives with fewer environmental impacts compared to the Full Rebuild Concept. On that basis, and after receiving input from the California Independent System Operator, SCE adopted Alternative E as its preferred option for completion of the IC Project. Alternative E consists of the following major components:

- Rebuild of Segment 1;
- Rebuild of Segment 2;
- Derating of Segment 3N, with remediation of any individual discrepancies that might remain even after derating;
- Rebuild of Segment 3S as a double-circuit pole line; and
- Derating of Segment 4, with remediation of any individual discrepancies that might remain even after derating.

Alternative E represents a reduction in physical work scope compared to the Full Rebuild Concept. The primary difference is that whereas the Full Rebuild Concept would involve full rebuilds of each and every segment of the IC Project, Alternative E would avoid some of that rebuild by "derating" (i.e., reducing the amount of current that wires are allowed to carry) conductors in Segment 3N and Segment 4. Derating lines would reduce some conductor sag even without additional physical work and would thereby alleviate

many of the individual discrepancies in those segments. Some individual discrepancies would still have to be separately remediated, but those would be significantly fewer in number than under the Full Rebuild Concept.

Just as the PEA incorporates an analysis of the environmental impacts of the Full Rebuild Concept, this FMP similarly analyzes the electric and magnetic field (EMF) impacts of the Full Rebuild Concept. Nevertheless, SCE expects to supplement this FMP with additional information specifically related to Alternative E in the near future.

Codes and Standards

The FMP for the Full-Rebuild Concept of the IC Project has been prepared in accordance with the California Public Utilities Commission (CPUC) Interim EMF Decision No. 06-01-042 ("2006 CPUC Decision") and general recommendations supported by the U.S. National Institute of Environmental Health Sciences and also satisfies the CPUC approved EMF Design Guidelines as well as all national and state safety standards for reconductoring and new electric facilities.

Magnetic Field Reduction Measures

SCE provides this FMP to inform all interested parties of the evaluation of "no-cost and low-cost" magnetic field reduction design options being considered and the proposed application of these design options in the Full-Rebuild Concept. The FMP also provides a summary of background information regarding current scientific research related to possible health effects of EMF and the CPUC EMF Policy.

"No-Cost" Magnetic Field Reduction Design Options

The "no-cost" magnetic field reduction design options that are incorporated into the design of the Full-Rebuild Concept include the following utilization of structure types and characteristics which reduce and minimize EMF: Vertical and delta conductor configurations are used to reduce EMF in locations outside the Right of Way; double-circuit monopole structure configurations are used to minimize EMF; and taller structure heights are used in areas with potential overhead discrepancies, thus increasing ground clearance and minimizing EMF.

"Low-Cost" Magnetic Field Reduction Design Options

The only "low-cost" magnetic field reduction measure incorporated into the design of the Full-Rebuild Concept is the utilization of post-construction phasing arrangement to minimize EMF.

The "no-cost and low-cost" magnetic field reduction design options implemented in the Full-Rebuild Concept are described in Table 1. Several portions of the IC Project alignment which are of specific interest for the EMF study are noted in the table and further addressed in the EMF study for safety concerns. The most significant EMF conditions in each residential area will be modeled and graphed to address previous science studies.

Table 1 – "Low Cost and No Cost" Options Considered & Adopted for Project

Segment & Section	Start Structure	End Structure	EMF Reduction Design Options	Estimated Cost	Structures in Residential Area
IC Segment 1 Section 1	Control Substation	Structure 214	Conductor Arrangement Double Circuit Construction Structure Heights Phasing Circuits	No cost No cost No cost Low cost	35-37, 53-56, 137-138
IC Segment 1 Section 2 - 3	Structure 214	Structure 683	Conductor Arrangement Double Circuit Construction Structure Heights Phasing Circuits	No cost No cost No cost Low cost	N/A
IC Segment 1 Section 4	Structure 683	Structure 912	Conductor Arrangement Double Circuit Construction Structure Heights Phasing Circuits	No cost No cost No cost Low cost	706-708
IC Segment 1 Section 5	Structure 912	Inyokern	Conductor Arrangement Double Circuit Construction Structure Heights Phasing Circuits	No cost No cost No cost Low cost	1042-1050
IC Segment 2 Section 1 - 2	Kramer Substation	Randsburg Substation	Conductor Arrangement Structure Heights	No cost No cost	121165- 121166
IC Segment 2 Section 3 - 4	Randsburg Substation	Inyokern Substation	Conductor Arrangement Structure Heights	No cost No cost	N/A
IC Segment 3N Section 1	Kramer Substation	Coolwater Substation	Conductor Arrangement Structure Heights	No cost No cost	1546399E_ 1546400E - W1546395E_ E1546396E
IC Segment 3S Section 1	Kramer Substation	Tortilla Substation	Conductor Arrangement Structure Heights	No cost No cost	NA560118AE_ SA560118BE - NA560117AE_ SA560117BE, NA560194AE_ SA560194BE - NA560193AE_ SA560193BE
IC Segment 3S Section 2	Tortilla Substation	Coolwater Substation	Conductor Arrangement Structure Heights	No cost No cost	N/A
IC Segment 4 Sections 1 - 7	Coolwater Substation	Dunn Siding Substation	Conductor Arrangement Structure Heights	No cost No cost	128571- 128572 & 128608- 128609

Segment & Section	Start Structure	End Structure	EMF Reduction Design Options	Estimated Cost	Structures in Residential Area
IC Segment 1 Section 1	Control Substation	Structure 214	Conductor Arrangement Double Circuit Construction Structure Heights Phasing Circuits	No cost No cost No cost Low cost	35-37, 53-56, 137-138
IC Segment 1 Section 2 - 3	Structure 214	Structure 683	Conductor Arrangement Double Circuit Construction Structure Heights Phasing Circuits	No cost No cost No cost Low cost	N/A
IC Segment 4 Section 8 - 14	Dunn Siding Substation	Baker Substation	Conductor Arrangement Structure Heights	No cost No cost	N/A
IC Segment 4 Section 15 - 26	Baker Substation	Structure Ivanpah	Conductor Arrangement Structure Heights	No cost No cost	N/A

EMF BACKGROUND AND PUBLIC RESEARCH

There are many sources of power frequency[1] electric and magnetic fields, including internal household and building wiring, electrical appliances, and electric power transmission and distribution lines. There have been numerous scientific studies about the potential health effects of EMF. After many years of research, the scientific community has been unable to determine if exposures to EMF cause health hazards. State and federal public health regulatory agencies have determined that setting numeric exposure limits is not appropriate.[2]

Many of the questions about possible connections between EMF exposures and specific diseases have been successfully resolved due to an aggressive international research program. However, potentially important public health questions remain about whether there is a link between EMF exposures and certain diseases, including childhood leukemia and a variety of adult diseases (e.g., adult cancers and miscarriages). As a result, some health authorities have identified magnetic field exposures as a possible human carcinogen. As summarized in greater detail below, these conclusions are consistent with the following published reports: the National Institute of Environmental Health Sciences (NIEHS) 1999[3], the National Radiation Protection Board (NRPB) 2001[4], the International Commission on non-Ionizing Radiation Protection (ICNIRP) 2001, the California Department of Health Services (CDHS) 2002[5], the International Agency for Research on Cancer (IARC) 2002[6] and the World Health Organization (WHO)

[1] In U.S., it is 60 Hertz (Hz).
[2] CPUC Decision 06-01-042, p. 6, footnote 10.
[3] National Institute of Environmental Health Sciences' Report on Health Effects from Exposures to Power-Line frequency Electric and Magnetic Fields, NIH Publication No. 99-4493, June 1999.
[4] National Radiological Protection Board, Electromagnetic Fields and the Risk of Cancer, Report of an Advisory Group on Non-ionizing Radiation, Chilton, U.K. 2001.
[5] California Department of Health Services, An Evaluation of the Possible Risks from Electric and Magnetic Fields from Power Lines, Internal Wiring, Electrical Occupations, and Appliances, June 2002.
[6] World Health Organization / International Agency for Research on Cancer, IARC Monographs on the evaluation of carcinogenic risks to humans (2002), Non-ionizing radiation, Part 1: Static and extremely low frequency (ELF) electric

2007[7]. The federal government conducted EMF research as a part of a $45-million research program managed by the NIEHS. This program, known as the EMF RAPID (Research and Public Information Dissemination), submitted its final report to the U.S. Congress on June 15, 1999.

The report concluded that:

- "The scientific evidence suggesting that ELF-EMF exposures pose any health risk is weak."[8]
- "The NIEHS concludes that ELF-EMF exposure cannot be recognized as entirely safe because of weak scientific evidence that exposure may pose a leukemia hazard."[9]
- "The NIEHS suggests that the level and strength of evidence supporting ELF-EMF exposure as a human health hazard are insufficient to warrant aggressive regulatory actions; thus, we do not recommend actions such as stringent standards on electric appliances and a national program to bury all transmission and distribution lines. Instead, the evidence suggests passive measures such as a continued emphasis on educating both the public and the regulated community on means aimed at reducing exposures. NIEHS suggests that the power industry continue its current practice of siting power lines to reduce exposures and continue to explore ways to reduce the creation of magnetic fields around transmission and distribution lines without creating new hazards."[10]

In 2001, Britain's NRPB arrived at a similar conclusion:

> "After a wide-ranging and thorough review of scientific research, an independent Advisory Group to the Board of NRPB has concluded that the power frequency electromagnetic fields that exist in the vast majority of homes are not a cause of cancer in general. However, some epidemiological studies do indicate a possible small risk of childhood leukemia associated with exposures to unusually high levels of power frequency magnetic fields."[11]

In 2002, three scientists for CDHS concluded:

> "To one degree or another, all three of the [CDHS] scientists are inclined to believe that EMFs can cause some degree of increased risk of childhood leukemia, adult brain cancer, Lou Gehrig's disease, and miscarriage. They [CDHS] strongly believe that EMFs do not increase the risk of birth defects, or low birth weight.
>
> They [CDHS] strongly believe that EMFs are not universal carcinogens, since there are a number of cancer types that are not associated with EMF exposure. To one degree or another they [CDHS] are inclined to believe that EMFs do not cause an increased risk of breast cancer, heart disease, Alzheimer's disease, depression, or symptoms attributed by some to a sensitivity to EMFs. However, all three scientists had judgments that were "close to the dividing line between believing and not believing" that EMFs cause some degree of increased risk of suicide. For adult leukemia, two of the scientists are 'close to the dividing line between believing or not believing' and one was 'prone to believe' that EMFs cause some degree of increased risk."[12]

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and magnetic fields, IARC Press, Lyon, France: International Agency for Research on Cancer, Monograph, vol. 80, p. 338, 2002.

[7] WHO, Environmental Health Criteria 238, EXTREMELY LOW FREQUENCY FIELDS, 2007.

[8] National Institute of Environmental Health Sciences, NIEHS Report on Health Effects from Exposures to Power-Frequency Electric and Magnetic Fields, p. ii, NIH Publication No. 99-4493, 1999.

[9] *Ibid.*, p. iii.

[10] *Ibid.*, p. 37 – 38

[11] NRPB, NRPB Advisory Group on Non-ionizing Radiation Power Frequency Electromagnetic Fields and the Risk of Cancer, NRPB Press Release May 2001.

[12] CDHS, An Evaluation of the Possible Risks From Electric and Magnetic Fields (EMFs) From Power Lines, Internal Wiring, Electrical Occupations and Appliances, p. 3, 2002.

Also, in 2002, the World Health Organization's (WHO) IARC concluded:

> "EMF magnetic fields are possibly carcinogenic to humans"[13], based on consistent statistical associations of high-level residential magnetic fields with a doubling of risk of childhood leukemia...Children who are exposed to residential EMF magnetic fields less than 0.4 microTesla (4.0 milliGauss) have no increased risk for leukemia…. In contrast, "no consistent relationship has been seen in studies of childhood brain tumors or cancers at other sites and residential EMF electric and magnetic fields."[14]

In June of 2007, the WHO issued a report on their multi-year investigation of EMF and the possible health effects. After reviewing scientific data from numerous EMF and human health studies, they concluded:

- "Scientific evidence suggesting that everyday, chronic low-intensity (above 0.3- 0.4 μT [3-4 mG]) power-frequency magnetic field exposure poses a health risk is based on epidemiological studies demonstrating a consistent pattern of increased risk for childhood leukemia."[15] "In addition, virtually all of the laboratory evidence and the mechanistic evidence fail to support a relationship between low-level ELF magnetic fields and changes in biological function or disease status. Thus, on balance, the evidence is not strong enough to be considered causal, but sufficiently strong to remain a concern."[16]
- "A number of other diseases have been investigated for possible association with ELF magnetic field exposure. These include cancers in both children and adults, depression, suicide, reproductive dysfunction, developmental disorders, immunological modifications and neurological disease. The scientific evidence supporting a linkage between ELF magnetic fields and any of these diseases is much weaker than for childhood leukemia and in some cases (for example, for cardiovascular disease or breast cancer) the evidence is sufficient to give confidence that magnetic fields do not cause the disease"[17]
- "Furthermore, given both the weakness of the evidence for a link between exposure to ELF magnetic fields and childhood leukemia, and the limited impact on public health if there is a link, the benefits of exposure reduction on health are unclear. Thus, the costs of precautionary measures should be very low."[18]

APPLICATION OF CPUC EMF POLICY

Recognizing the scientific uncertainty over the connection between EMF exposures and health effects, the CPUC adopted a policy that addresses public concern over EMF with a combination of education, information, and precaution-based approaches. Specifically, Decision 93-11-013 established a precautionary based "no-cost and low-cost" EMF policy for California's regulated electric utilities based on recognition that scientific research had not demonstrated that exposures to EMF cause health hazards and that it was inappropriate to set numeric standards that would limit exposure.

In 2006, the CPUC completed its review and update of its EMF Policy in Decision 06-01-042. This decision reaffirmed the finding that state and federal public health regulatory agencies have not established a direct link between exposure to EMF and human health effects,[19] and the policy direction that (1) use of numeric exposure limits was not appropriate in setting utility design guidelines to address

[13] IARC, Monographs, Part I, Vol. 80, p. 338.
[14] *Ibid*., p. 332 – 334.
[15] WHO, Environmental Health Criteria 238, EXTREMELY LOW FREQUENCY FIELDS, p. 11 - 13, 2007.
[16] *Ibid*., p. 12.
[17] *Ibid*., p. 12.
[18] *Ibid*., p. 13.
[19] CPUC Decision 06-01-042, Conclusion of Law No. 5, mimeo. p. 19 ("As discussed in the rulemaking, a direct link between exposure to EMF and human health effects has yet to be proven despite numerous studies including a study ordered by this Commission and conducted by DHS.")

EMF,[20] and (2) existing "no-cost and low-cost" precautionary-based EMF policy should be continued for proposed electrical facilities. The decision also reaffirmed that EMF concerns brought up during Certificate of Public Convenience and Necessity (CPCN) and Permit to Construct (PTC) proceedings for electric and transmission and substation facilities should be limited to the utility's compliance with the CPUC's "no-cost and low-cost" policies.[21]

The decision directed regulated utilities to hold a workshop to develop standard approaches for EMF Design Guidelines and such a workshop was held on February 21, 2006. Consistent design guidelines have been developed that describe the routine magnetic field reduction measures that regulated California electric utilities consider for new and upgraded transmission line and transmission substation projects. SCE filed its revised EMF Design Guidelines with the CPUC on July 26, 2006.

"No-cost and low-cost" measures to reduce magnetic fields would be implemented for the IC Project in accordance with SCE's EMF Design Guidelines. In summary, the process of evaluating "no-cost and low-cost" magnetic field reduction measures and prioritizing within and between land usage classes considers the following:

1. SCE's priority in the design of any electrical facility is public and employee safety. Without exception, design and construction of an electric power system must comply with all applicable federal, state, and local regulations, applicable safety codes, and each electric utility's construction standards. Furthermore, transmission and Subtransmission lines and substations must be constructed so that they can operate reliably at their design capacity. Their design must be compatible with other facilities in the area and the cost to operate and maintain the facilities must be reasonable.
2. As a supplement to Step 1, SCE follows the CPUC's direction to undertake "no-cost and low-cost" magnetic field reduction measures for new and upgraded electrical facilities. Any proposed "no-cost and low-cost" magnetic field measures, must, however, meet the requirements described in Step 1 above. The CPUC defines "no-cost and low-cost" measures as follows:

    - Low-cost measures, in aggregate, should:
        - Cost in the range of 4 percent of the total project cost.
        - Result in magnetic field reductions of "15% or greater at the utility R-O-W [right-of-way]…"[22]

    The CPUC Decision stated:

    "We direct the utilities to use 4 percent as a benchmark in developing their EMF mitigation guidelines. We will not establish 4 percent as an absolute cap at this time because we do not want to arbitrarily eliminate a potential measure that might be available but costs more than the 4 percent figure. Conversely, the utilities are encouraged to use effective measures that cost less than 4 percent."[23]

3. The CPUC provided further policy direction in Decision 06-01-042, stating that, "although equal mitigation for an entire class is a desirable goal, we will not limit the spending of EMF mitigation to zero on the basis that not all class members can benefit."[24] While Decision 06-01-042 directs the

[20] CPUC Decision 06-01-042, mimeo. p. 17 - 18 ("Furthermore, we do not request that utilities include nonroutine mitigation measures, or other mitigation measures that are based on numeric values of EMF exposure, in revised design guidelines or apply mitigation measures to reconfigurations or relocations of less than 2,000 feet, the distance under which exemptions apply under GO 131-D. Non-routine mitigation measures should only be considered under unique circumstances.").
[21] CPUC Decision 06-01-042, Conclusion of Law No. 2, ("EMF concerns in future CPCN and PTC proceedings for electric and transmission and substation facilities should be limited to the utility's compliance with the Commission's low-cost/no-cost policies.").
[22] CPUC Decision 06-01-042, p. 10.
[23] CPUC Decision 93-11-013, § 3.3.2, p.10.
[24] CPUC Decision 06-01-042, p. 10.

> utilities to favor schools, day-care facilities and hospitals over residential areas when applying low-cost magnetic field reduction measures, prioritization within a class can be difficult on a project case-by-case basis because schools, day-care facilities, and hospitals are often integrated into residential areas, and many licensed day-care facilities are housed in private homes, and can be easily moved from one location to another. Therefore, it may be practical for public schools, licensed day-care centers, hospitals, and residential land uses to be grouped together to receive highest prioritization for low-cost magnetic field reduction measures. Commercial and industrial areas may be grouped as a second priority group, followed by recreational and agricultural areas as the third group. Low-cost magnetic field reduction measures will not be considered for undeveloped land, such as open space, state and national parks, and Bureau of Land Management and U.S. Forest Service lands. When spending for low-cost measures would otherwise disallow equitable magnetic field reduction for all areas within a single land-use class, prioritization can be achieved by considering location and/or density of permanently occupied structures on lands adjacent to the projects, as appropriate.

This FMP contains descriptions of various magnetic field models and the calculated results of magnetic field levels based on those models. These calculated results are provided only for purposes of identifying the relative differences in magnetic field levels among various subtransmission line design alternatives under a specific set of modeling assumptions and determining whether particular design alternatives can achieve magnetic field level reductions of 15 percent or more. The calculated results are not intended to be predictors of the actual magnetic field levels at any given time or at any specific location if and when the Full-Rebuild Concept is constructed. This is because magnetic field levels depend upon a variety of variables, including load growth, customer electricity usage, and other factors beyond SCE's control. The CPUC affirmed this in D. 06-01-042 stating:

> "Our [CPUC] review of the modeling methodology provided in the utility [EMF] design guidelines indicates that it accomplishes its purpose, which is to measure the relative differences between alternative mitigation measures. Thus, the modeling indicates relative differences in magnetic field reductions between different transmission line construction methods but does not measure actual environmental magnetic fields."[25]

PROJECT DESCRIPTION

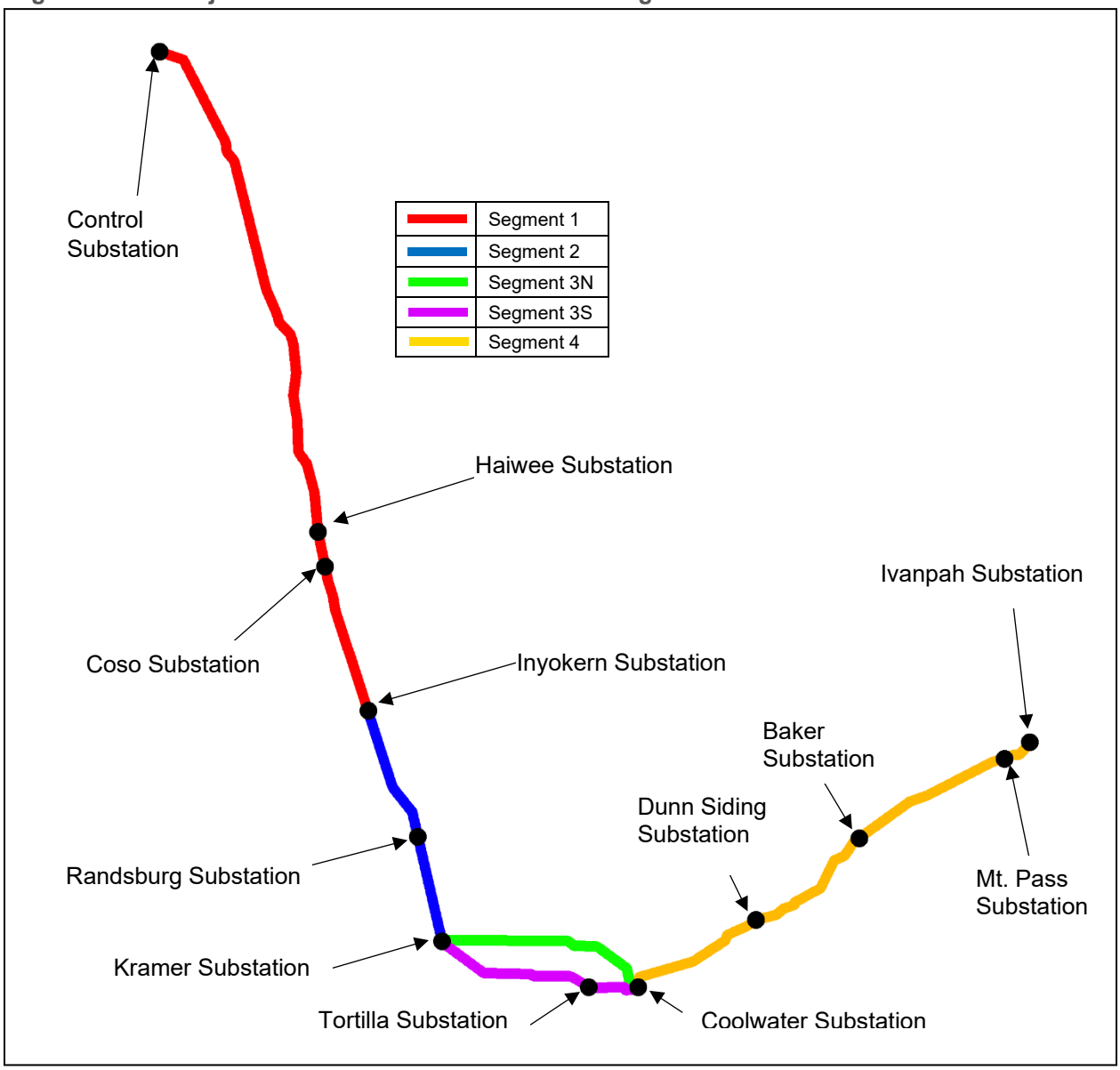
The Full-Rebuild Concept design seeks to resolve all clearance discrepancies present in the existing subtransmission lines and incorporate an overhead fiber optic static wire to improve the reliability of the line. The IC Project alignment starts at SCE's Ivanpah Substation and ends at SCE's Control Substation. The IC Project alignment is 359 miles long, and the subtransmission lines associated with the IC Project are predominantly comprised of lattice towers, lattice H-frames, wood H-frames, and some single delta wood pole structures. The structures located between Control Substation and Inyokern Substation are configured with vertical double circuits with one shield wire above the conductors for lightning protection. The structures located between Inyokern Substation and Ivanpah Substation are configured with the three phases horizontally spaced with dual overhead shield wires above the conductors for lightning protection in limited areas. The existing subtransmission lines are comprised of 4/0 "Penguin" Aluminum Conductor Steel Reinforced (ACSR), 795 kcmil All Aluminum Conductor (AAC) "Arbutus", and 336 kcmil "Oriole" ACSR sections with select spans of 954 kcmil 37/0 AAC and 653.9 kcmil 18/3 ACSR in the section between Kramer Substation and Inyokern Substation. The original subtransmission lines were constructed between 1912 and 1969, with some modifications implemented in the last decade.

[25] CPUC Decision 06-01-042, p. 11.

GEOGRAPHIC SEGMENTS

The construction activities proposed under the Full-Rebuild Concept are described in detail for each geographic segment, including the planned structure and conductor removals and installations and approximate line length values. For visual reference, Figure 1 depicts the location of each segment along the IC Project alignment.

Figure 1 – IC Project Subtransmission Line Route Segments



The IC Project has been divided into the following phase arrangement segments in the PEA. The sections are further subdivisions of the lines based on the line design and phasing.

Table 2 – IC Project Segment 1, 126.2 miles, Approximate Section Lengths

Segment & Section	Start Structure	End Structure	Approx. Length
IC Segment 1 Section 1	Control Substation	Structure 214	25.6 miles
IC Segment 1 Section 2	Structure 214	Structure 442	27.6 miles
IC Segment 1 Section 3	Structure 442	Structure 683	25.6 miles
IC Segment 1 Section 4	Structure 683	Structure 912	27.1 miles
IC Segment 1 Section 5	Structure 912	Inyokern Substation	20.3 miles

Table 3 – IC Project Segment 2, 48.3 miles, Approximate Section Lengths

Segment & Section	Start Structure	End Structure	Approx. Length
IC Segment 2 Section 1	Kramer Substation	Structure 121255	15.5 miles
IC Segment 2 Section 2	Structure 121255	Randsburg Substation	11.0 miles
IC Segment 2 Section 3	Randsburg Substation	Structure 121042	15.6 miles
IC Segment 2 Section 4	Structure 121042	Inyokern Substation	6.2 miles

Table 4 – IC Project Segments 3N & 3S, 44.4 & 43.5 miles, Approximate Section Lengths

Segment & Section	Start Structure	End Structure	Approx. Length
IC Segment 3N Section 1	Kramer Substation	Coolwater Substation	44.4 miles
IC Segment 3S Section 1	Kramer Substation	Tortilla Substation	32.1 miles
IC Segment 3S Section 2	Tortilla Substation	Coolwater Substation	11.4 miles

Table 5 – IC Project Segment 4, 95.3 miles, Approximate Section Lengths

Segment & Section	Start Structure	End Structure	Approx. Length
IC Segment 4 Section 1	Coolwater Substation	Structure 128574	5.6 miles
IC Segment 4 Section 2	Structure 128574	Structure 128595	3.0 miles
IC Segment 4 Section 3	Structure 128595	Structure 128638	6.0 miles
IC Segment 4 Section 4	Structure 128638	Structure 128660	3.1 miles
IC Segment 4 Section 5	Structure 128660	Structure 128699	5.6 miles
IC Segment 4 Section 6	Structure 128699	Structure 128716	2.4 miles

Segment & Section	Start Structure	End Structure	Approx. Length
IC Segment 4 Section 7	Structure 128716	Dunn Siding Substation	2.7 miles
IC Segment 4 Section 8	Dunn Siding Substation	Structure 128753	2.6 miles
IC Segment 4 Section 9	Structure 128753	Structure 128774	2.9 miles
IC Segment 4 Section 10	Structure 128774	Structure 128817	5.9 miles
IC Segment 4 Section 11	Structure 128817	Structure 128840	3.0 miles
IC Segment 4 Section 12	Structure 128840	Structure 128882	5.9 miles
IC Segment 4 Section 13	Structure 128882	Structure 128904	3.0 miles
IC Segment 4 Section 14	Structure 128904	Baker Substation	4.3 miles
IC Segment 4 Section 15	Baker Substation	Structure 128949	2.0 miles
IC Segment 4 Section 16	Structure 128949	Structure 128971	3.1 miles
IC Segment 4 Section 17	Structure 128971	Structure 1281015	6.3 miles
IC Segment 4 Section 18	Structure 1281015	Structure 1281039	3.4 miles
IC Segment 4 Section 19	Structure 1281039	Structure 1281082	6.2 miles
IC Segment 4 Section 20	Structure 1281082	Structure 1281104	3.1 miles
IC Segment 4 Section 21	Structure 1281104	Structure 1281146	5.8 miles
IC Segment 4 Section 22	Structure 1281146	Structure 1281167	2.6 miles
IC Segment 4 Section 23	Structure 1281167	Mt. Pass Substation	0.9 miles
IC Segment 4 Section 24	Mt. Pass Substation	Structure 1281210	4.8 miles
IC Segment 4 Section 25	Structure 1281210	Ivanpah Substation	1.1 miles

SUMMARY OF FULL-REBUILD CONCEPT COMPONENTS BY SEGMENT

IC Project Segment 1 Section 1, Control Substation – Str. 214

- Remove all existing structures.
- Install approximately 120 TSP and 62 LWS Structures.
- Reconductor the subtransmission lines by removing all existing conductor and installing 714 kcmil Dove Aluminum Conductor Composite Core (ACCC) conductor along the 25.6 mile segment.

IC Project Segment 1 Section 2, Str. 214 – Str. 442

- Remove all existing structures.
- Install approximately 88 TSP and 95 LWS Structures.
- Reconductor the subtransmission lines by removing all existing conductor and installing 714 kcmil Dove Aluminum Conductor Composite Core (ACCC) conductor along the 27.7 mile segment.

IC Project Segment 1 Section 3, Str. 442 – Str. 683

- Remove all existing structures.
- Install approximately 91 TSP and 96 LWS Structures.
- Reconductor the subtransmission lines by removing all existing conductor and installing 714 kcmil Dove Aluminum Conductor Composite Core (ACCC) conductor along the 25.4 mile segment.

IC Project Segment 1 Section 4, Str. 683 – Str. 912

- Remove all existing structures.
- Install approximately 64 TSP and 134 LWS Structures.
- Reconductor the subtransmission lines by removing all existing conductor and installing 714 kcmil Dove Aluminum Conductor Composite Core (ACCC) conductor along the 27.2 mile segment.

IC Project Segment 1 Section 5, Str. 912 – Inyokern Substation

- Remove all existing structures.
- Install approximately 150 TSP and 10 LWS Structures.
- Reconductor the subtransmission lines by removing all existing conductor and installing 714 kcmil Dove Aluminum Conductor Composite Core (ACCC) conductor along the 20.3 mile segment.

IC Project Segment 2 Section 1, Kramer Substation – Str. 121255

- Remove all existing structures except Str 121134A.
- Install approximately 118 TSP and no LWS Structures.
- Reconductor the subtransmission line by removing all existing conductor and installing 714 kcmil Dove Aluminum Conductor Composite Core (ACCC) conductor along the 15.5 mile segment.

IC Project Segment 2 Section 2, Str. 121255 – Randsburg Substation

- Remove all existing structures.
- Install approximately 87 TSP and no LWS Structures.
- Reconductor the subtransmission line by removing all existing conductor and installing 714 kcmil Dove Aluminum Conductor Composite Core (ACCC) conductor along the 11.0 mile segment.

IC Project Segment 2 Section 3, Randsburg Substation – Str. 121042

- Remove all existing structures.
- Install approximately 108 TSP and no LWS Structures.
- Reconductor the subtransmission line by removing all existing conductor and installing 714 kcmil Dove Aluminum Conductor Composite Core (ACCC) conductor along the 15.6 mile segment.

IC Project Segment 2 Section 4, Str. 121042 – Inyokern Substation

- Remove all existing structures.
- Install approximately 30 TSP and no LWS Structures.
- Reconductor the subtransmission line by removing all existing conductor and installing 714 kcmil Dove Aluminum Conductor Composite Core (ACCC) conductor along the 6.2 mile segment.

IC Project Segment 3N Section 1, Kramer Substation – Coolwater Substation

- Remove all existing structures.
- Install approximately 30 TSP and 268 LWS Structures.
- Reconductor the subtransmission line by removing all existing conductor and installing 714 kcmil Dove Aluminum Conductor Composite Core (ACCC) conductor along the 44.4 mile segment.

IC Project Segment 3S Section 1, Kramer Substation – Tortilla Substation

- Remove all existing structures.
- Install approximately 19 TSP and 212 LWS Structures.
- Reconductor the subtransmission line by removing all existing conductor and installing 714 kcmil Dove Aluminum Conductor Composite Core (ACCC) conductor along the 32.1 mile segment.

IC Project Segment 3S Section 2, Tortilla Substation – Coolwater Substation

- Remove all existing structures.
- Install approximately 14 TSP and 69 LWS Structures.
- Reconductor the subtransmission line by removing all existing conductor and installing 714 kcmil Dove Aluminum Conductor Composite Core (ACCC) conductor along the 11.4 mile segment.

IC Project Segment 4 Section 1, Coolwater Substation – Str. 128574

- Remove all existing structures.
- Install approximately 9 TSP and 32 LWS Structures.
- Reconductor the subtransmission line by removing all existing conductor and installing 714 kcmil Dove Aluminum Conductor Composite Core (ACCC) conductor along the 5.6 mile segment.

IC Project Segment 4 Section 2, Str. 128574 – Str. 128595

- Remove all existing structures.
- Install approximately 2 TSP and 20 LWS Structures.
- Reconductor the subtransmission line by removing all existing conductor and installing 714 kcmil Dove Aluminum Conductor Composite Core (ACCC) conductor along the 3.0 mile segment

IC Project Segment 4 Section 3, Str. 128595 – Str. 128638

- Remove all existing structures.
- Install approximately 4 TSP and 40 LWS Structures.
- Reconductor the subtransmission line by removing all existing conductor and installing 714 kcmil Dove Aluminum Conductor Composite Core (ACCC) conductor along the 6.0 mile segment.

IC Project Segment 4 Section 4, Str. 128638– Str. 128660

- Remove all existing structures.
- Install approximately 2 TSP and 21 LWS Structures.
- Reconductor the subtransmission line by removing all existing conductor and installing 714 kcmil Dove Aluminum Conductor Composite Core (ACCC) conductor along the 3.1 mile segment.

IC Project Segment 4 IC Project Segment 4 Section 5, Str. 128660 – Str. 128699

- Remove all existing structures.
- Install approximately 8 TSP and 31 LWS Structures.
- Reconductor the subtransmission line by removing all existing conductor and installing 714 kcmil Dove Aluminum Conductor Composite Core (ACCC) conductor along the 5.6 mile segment.

IC Project Segment 4 Section 6, Str. 128699 – Str. 128716

- Remove all existing structures.
- Install approximately 2 TSP and 16 LWS Structures.
- Reconductor the subtransmission line by removing all existing conductor and installing 714 kcmil Dove Aluminum Conductor Composite Core (ACCC) conductor along the 2.4 mile segment.

IC Project Segment 4 Section 7, Str. 128716 – Dunn Siding Substation

- Remove all existing structures.
- Install approximately 4 TSP and 16 LWS Structures.
- Reconductor the subtransmission line by removing all existing conductor and installing 714 kcmil Dove Aluminum Conductor Composite Core (ACCC) conductor along the 2.7 mile segment.

IC Project Segment 4 Section 8, Dunn Siding Substation – Str. 128753

- Remove all existing structures.
- Install approximately 3 TSP and 16 LWS Structures.
- Reconductor the subtransmission line by removing all existing conductor and installing 714 kcmil Dove Aluminum Conductor Composite Core (ACCC) conductor along the 2.6 mile segment.

IC Project Segment 4 Section 9, Str. 128753 – Str. 128774

- Remove all existing structures.
- Install approximately 4 TSP and 18 LWS Structures.
- Reconductor the subtransmission line by removing all existing conductor and installing 714 kcmil Dove Aluminum Conductor Composite Core (ACCC) conductor along the 2.9 mile segment.

IC Project Segment 4 Section 10, Str. 128774 – Str. 128817

- Remove all existing structures.
- Install approximately 6 TSP and 38 LWS Structures.
- Reconductor the subtransmission line by removing all existing conductor and installing 714 kcmil Dove Aluminum Conductor Composite Core (ACCC) conductor along the 5.9 mile segment.

IC Project Segment 4 Section 11, Str. 128817– Str. 128840

- Remove all existing structures.
- Install approximately 4 TSP and 20 LWS Structures.
- Reconductor the subtransmission line by removing all existing conductor and installing 714 kcmil Dove Aluminum Conductor Composite Core (ACCC) conductor along the 3.0 mile segment.

IC Project Segment 4 Section 12, Str. 128840 – Str. 128882

- Remove all existing structures.
- Install approximately 5 TSP and 38 LWS Structures.
- Reconductor the subtransmission line by removing all existing conductor and installing 714 kcmil Dove Aluminum Conductor Composite Core (ACCC) conductor along the 5.9 mile segment.

IC Project Segment 4 Section 13, Str. 128882 – Str. 128904

- Remove all existing structures.
- Install approximately 6 TSP and 17 LWS Structures.
- Reconductor the subtransmission line by removing all existing conductor and installing 714 kcmil Dove Aluminum Conductor Composite Core (ACCC) conductor along the 3.0 mile segment.

IC Project Segment 4 Section 14, Str. 128904 – Baker Substation

- Remove all existing structures.
- Install approximately 4 TSP and 28 LWS Structures.
- Reconductor the subtransmission line by removing all existing conductor and installing 714 kcmil Dove Aluminum Conductor Composite Core (ACCC) conductor along the 4.3 mile segment.

IC Project Segment 4 Section 15, Baker Substation – Str. 128949

- Remove all existing structures.
- Install approximately 2 TSP and 13 LWS Structures.
- Reconductor the subtransmission line by removing all existing conductor and installing 714 kcmil Dove Aluminum Conductor Composite Core (ACCC) conductor along the 2.0 mile segment.

IC Project Segment 4 Section 16, Str. 128949 – Str. 128971

- Remove all existing structures.
- Install approximately 2 TSP and 21 LWS Structures.
- Reconductor the subtransmission line by removing all existing conductor and installing 714 kcmil Dove Aluminum Conductor Composite Core (ACCC) conductor along the 3.1 mile segment.

IC Project Segment 4 Section 17, Str. 128971 – Str. 1281015

- Remove all existing structures.
- Install approximately 2 TSP and 43 LWS Structures.
- Reconductor the subtransmission line by removing all existing conductor and installing 714 kcmil Dove Aluminum Conductor Composite Core (ACCC) conductor along the 6.3 mile segment.

IC Project Segment 4 Section 18, Str. 1281015 – Str. 1281039

- Remove all existing structures.
- Install approximately 5 TSP and 20 LWS Structures.
- Reconductor the subtransmission line by removing all existing conductor and installing 714 kcmil Dove Aluminum Conductor Composite Core (ACCC) conductor along the 3.4 mile segment.

IC Project Segment 4 Section 19, Str. 1281039 – Str. 1281082

- Remove all existing structures.
- Install approximately 4 TSP and 40 LWS Structures.
- Reconductor the subtransmission line by removing all existing conductor and installing 714 kcmil Dove Aluminum Conductor Composite Core (ACCC) conductor along the 6.2 mile segment.

IC Project Segment 4 Section 20, Str. 1281082 – Str. 1281104

- Remove all existing structures.
- Install approximately 2 TSP and 21 LWS Structures.
- Reconductor the subtransmission line by removing all existing conductor and installing 714 kcmil Dove Aluminum Conductor Composite Core (ACCC) conductor along the 3.1 mile segment.

IC Project Segment 4 Section 21, Str. 1281104 – Str. 1281146

- Remove all existing structures.
- Install approximately 5 TSP and 38 LWS Structures.
- Reconductor the subtransmission line by removing all existing conductor and installing 714 kcmil Dove Aluminum Conductor Composite Core (ACCC) conductor along the 5.8 mile segment.

IC Project Segment 4 Section 22, Str. 1281146 – Str. 1281167

- Remove all existing structures.
- Install approximately 3 TSP and 19 LWS Structures.
- Reconductor the subtransmission line by removing all existing conductor and installing 714 kcmil Dove Aluminum Conductor Composite Core (ACCC) conductor along the 2.6 mile segment.

IC Project Segment 4 Section 23, Str. 1281167 – Mt. Pass Substation

- Remove all existing structures.
- Install approximately 2 TSP and 7 LWS Structures.
- Reconductor the subtransmission line by removing all existing conductor and installing 714 kcmil Dove Aluminum Conductor Composite Core (ACCC) conductor along the 0.9 mile segment.

IC Project Segment 4 Section 24, Mt. Pass Substation – Str. 1281210

- Remove all existing structures.
- Install approximately 9 TSP and 26 LWS Structures.
- Reconductor the subtransmission line by removing all existing conductor and installing 714 kcmil Dove Aluminum Conductor Composite Core (ACCC) conductor along the 4.8 mile segment.

IC Project Segment 4 Section 25, Str. 1281210 – Ivanpah Substation

- Remove all existing structures except 4696078E, 4696077E, and 4696076E.
- Install approximately 2 TSP, 3 TSP are reused and 6 LWS Structures.
- Reconductor the subtransmission line by removing all existing conductor and installing 714 kcmil Dove Aluminum Conductor Composite Core (ACCC) conductor along the 1.1 mile segment.

EVALUATION OF MAGNETIC FIELD REDUCTION DESIGN OPTIONS

Ivanpah – Control Segment 1, Control - Inyokern

A series of EMF analyses was completed for the subtransmission lines included in the Full-Rebuild Concept located in Segment 1, and a calculated typical EMF profile is shown for each segment as well as an existing conditions calculation. The calculated magnetic fields can be found in Figure 2 – Figure 11 and Table 2 – Table 6. The magnetic field calculations were obtained using a PLS-CADD model at the designed line amperage. For the Control – Haiwee – Inyokern line graphs and data, the designed amperage is 195 Amps for Line #1 and 200 Amps for Line #2. Values shown in this report are not meant to be predictive of any date or any time but are to be used for a comparison of structure arrangements.

Ivanpah – Control Segment 2, Kramer - Randsburg - Inyokern

A series of EMF analyses was completed on the subtransmission line included in the Full-Rebuild Concept located in Segment 2, and a calculated typical EMF profile is shown for each segment as well as an existing conditions calculation. The calculated magnetic fields can be found in Figure 12 – Figure 19 and Table 7 – Table 10. The magnetic field calculations were obtained using a PLS-CADD model at the designed line amperage. For the Kramer - Randsburg - Inyokern line graphs and data, the designed amperage is 840 Amps. Values shown in this report are not meant to be predictive of any date or any time but are to be used for a comparison of structure arrangements.

Ivanpah – Control Segment 3N, Kramer - Coolwater

A series of EMF analyses was completed on the subtransmission line included in the Full-Rebuild Concept located in Segment 3N, and a calculated typical EMF profile is shown for each segment as well as an existing conditions calculation. The calculated magnetic fields can be found in Figure 20 – Figure 21 and Table11. The magnetic field calculations were obtained using a PLS-CADD model at the designed line amperage. For the Kramer - Coolwater line graphs and data, the designed amperage is 860 Amps. Values shown in this report are not meant to be predictive of any date or any time but are to be used for a comparison of structure arrangements.

Ivanpah – Control Segment 3S, Kramer - Tortilla - Coolwater

A series of EMF analyses was completed on the subtransmission line included in the Full-Rebuild Concept located in Segment 3N, and a calculated typical EMF profile is shown for each segment as well as an existing conditions calculation. The calculated magnetic fields can be found in Figure 22 – Figure 25 and Table 12 – Table 13. The magnetic field calculations were obtained using a PLS-CADD model at the designed line amperage. For the Kramer - Tortilla - Coolwater line graphs and data, the designed amperage is 725 Amps and 600 Amps. Values shown in this report are not meant to be predictive of any date or any time but are to be used for a comparison of structure arrangements.

Ivanpah – Control Segment 4, Ivanpah - Mt. Pass - Baker - Dunn Siding - Coolwater

A series of EMF analyses was completed on the subtransmission line included in the Full-Rebuild Concept located in Segment 4 and a calculated typical EMF profile is shown for each segment as well as an existing conditions calculation. The calculated magnetic fields can be found in Figure 26 – Figure 75 and Table 14 – Table 38. The magnetic field calculations were obtained using a PLS-CADD model at the designed line amperage. For the Ivanpah - Mt. Pass - Baker - Dunn Siding - Coolwater line graphs and data, the designed amperage is 330 Amps, 315 Amps, 270 Amps and 260 Amps. Values shown in this report are not meant to be predictive of any date or any time but are to be used for a comparison of structure arrangements.

MAGNETIC FIELD ASSUMPTIONS

- Magnetic field characteristics were modeled using PLS-CADD software.
- Magnetic field models and the calculated results of magnetic field levels present in this document are intended only for the purposes of identifying relative differences in the magnetic field levels for the purpose of comparison and discussion of design alternatives to determine if a 15% or more reduction of magnetic field levels can be achieved. These calculated results are not intended to be applied as actual predictions of magnetic fields at any specific time or location during or following project construction.
- All lines were modeled with balanced line currents and standard phases. Variation of phasing did not matter as long as the opposite circuit was modeled appropriately.
- Amperages and phasing were supplied by Southern California Edison. The same amperage was used to calculate the EMF for the Full-Rebuild Concept model and the existing model. The previous 12/2018 report was based on the conductor's 4 hour emergency rating amperages. This report is based on the 10 year projected line amperages as furnished by SCE.
- Where data did not exist for the non-SCE parallel lines, reasonable assumptions were made for phase arrangement, conductor sizes, and load amperages.
- Existing conductor heights were based on preliminary subtransmission line models.
- Wire height used is the height of the wire where the target point is projected upon it.
- Wire position is determined by the currently displayed weather case.
- The current conductor type, ACSR, sags much more than the proposed conductor type, ACCC, resulting in lower EMF values. This leads to lower EMF results for the ACCC conductors.
- Magnetic field strength was calculated at a height of 3 feet above the terrain surface.
- Calculations were made at mid span.
- All calculations based on the EPRI Red Book methods (2nd Edition, 1982 - infinite straight wire with flat earth approximation), assuming flat terrain.
- These approximations are only valid for low frequency (50-60 Hz) AC transmission lines.
- The effects of earth return currents (earth resistivity) are ignored when calculating the magnetic field.

FINAL RECOMMENDATIONS FOR MAGNETIC FIELD REDUCTION DESIGN

The Full-Rebuild Concept design in Segment 1 can benefit from double circuit construction, and vertical and delta conductor arrangement. Implementing both low cost and no cost measures significantly reduces the magnetic field and potential exposure risk well below CPUC approved EMF Design Guidelines as well as all national and state safety standards for reconductoring or new electric facilities.

Reduction Measures:

1. Arrange conductors in a vertical or delta configuration for magnetic field reduction. This is considered a no cost measure as the entire line maintains the recommended phase arrangement.

2. Utilize double-circuit construction that reduces spacing between circuits as compared with single-circuit construction.

3. Utilize structure heights that meet or exceed EMF preferred design criteria of SCE.

4. After construction, change the phase arrangement as the circuit enters the substation thereby changing the final phasing to further reduce the magnetic field.

SEGMENT GRAPHS

These graphs are based on calculations that occur on spans that are the lowest within each section.[26]

Segment 1 Section 1

Figure 2 - Typical Magnetic Field Levels for Segment 1 Section 1 Control – Structure 214, Str. 169 - 170 at 200 Amps

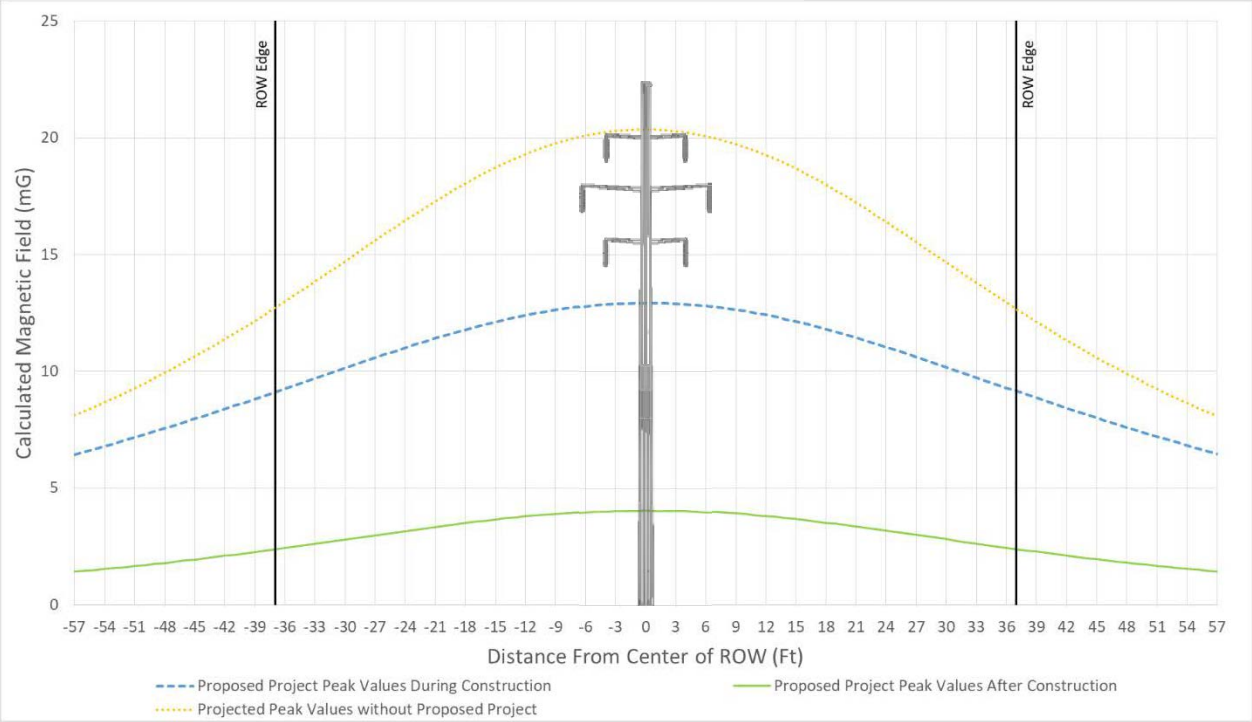


Table 6 – Comparison of Magnetic Fields at Edge of ROW for Segment 1 Section 1 Str. 169 - 170

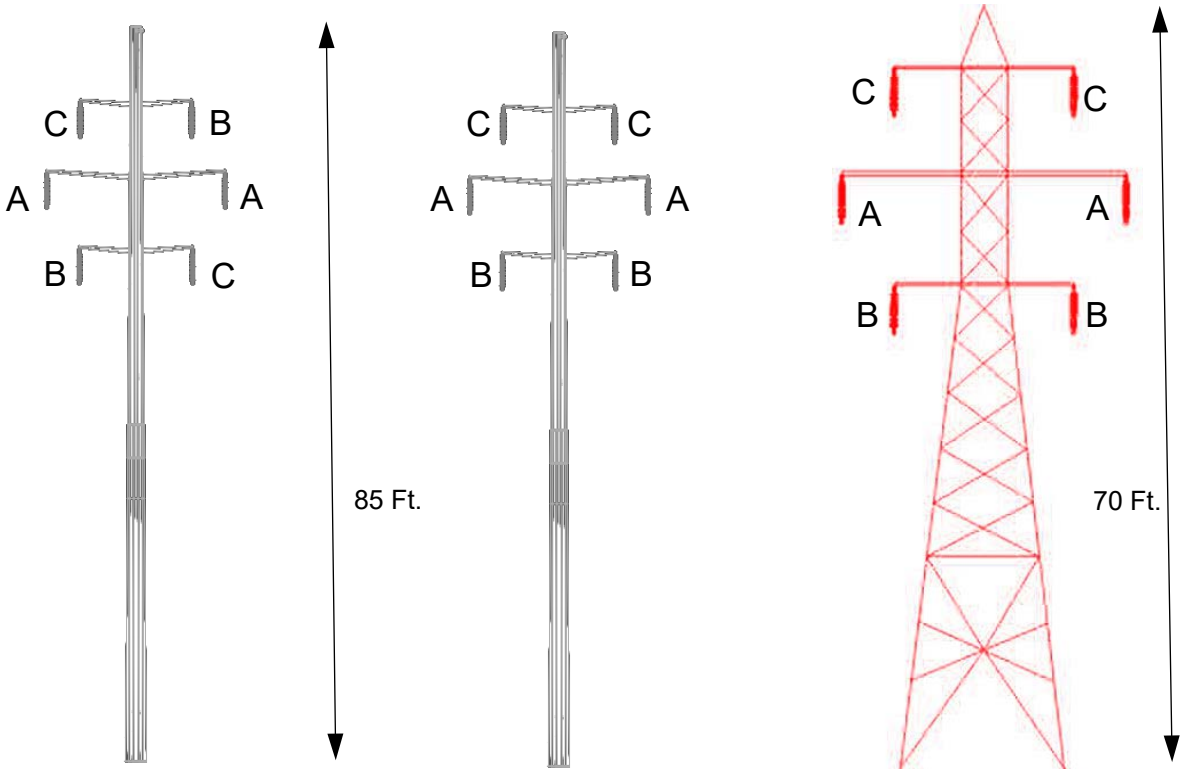
Design Options	Left Edge (mG)	% Change[26]	Right Edge (mG)	% Change[27]
Projected Peak Values without Full-Rebuild Concept 115 kV T/L	12.716	N/A	12.671	N/A
Full-Rebuild Concept Peak Values 115 kV T/L During Construction	9.107	28%	9.145	28%
Full-Rebuild Concept Peak Values 115 kV T/L After Construction	2.369	81%	2.384	81%

All calculations were made at a height of 3 feet all across the ROW.

Tower Height and Insulator Length: Height – 70 Ft. Length – 4.5 Ft.
Proposed Construction and Insulator Length: Height – 85 Ft. Length – 4 Ft.

[26] Note: In each of the *Typical Magnetic Field Levels* graphs presented in this document, the term "Proposed Project" is synonymous with the "Full-Rebuild Concept" as described in Chapter 3 of the IC Project PEA document.
[27] All data in Percent Change column is compared to the Projected Peak Values without the Full-Rebuild Concept

Figure 3 – Tower and Insulator Dimensions and Phasing



Full-Rebuild Concept After Construction:
Double Circuit – Monopole
Figure not to Scale

Full-Rebuild Concept During Construction:
Double Circuit – Monopole
Figure not to Scale

Existing:
Double circuit - Lattice Tower
Figure not to Scale

Segment 1 Section 2

Figure 4 - Typical Magnetic Field Levels for Segment 1 Section 2 Structure 214 – Structure 442, Str. 251 - 252 at 200 Amps

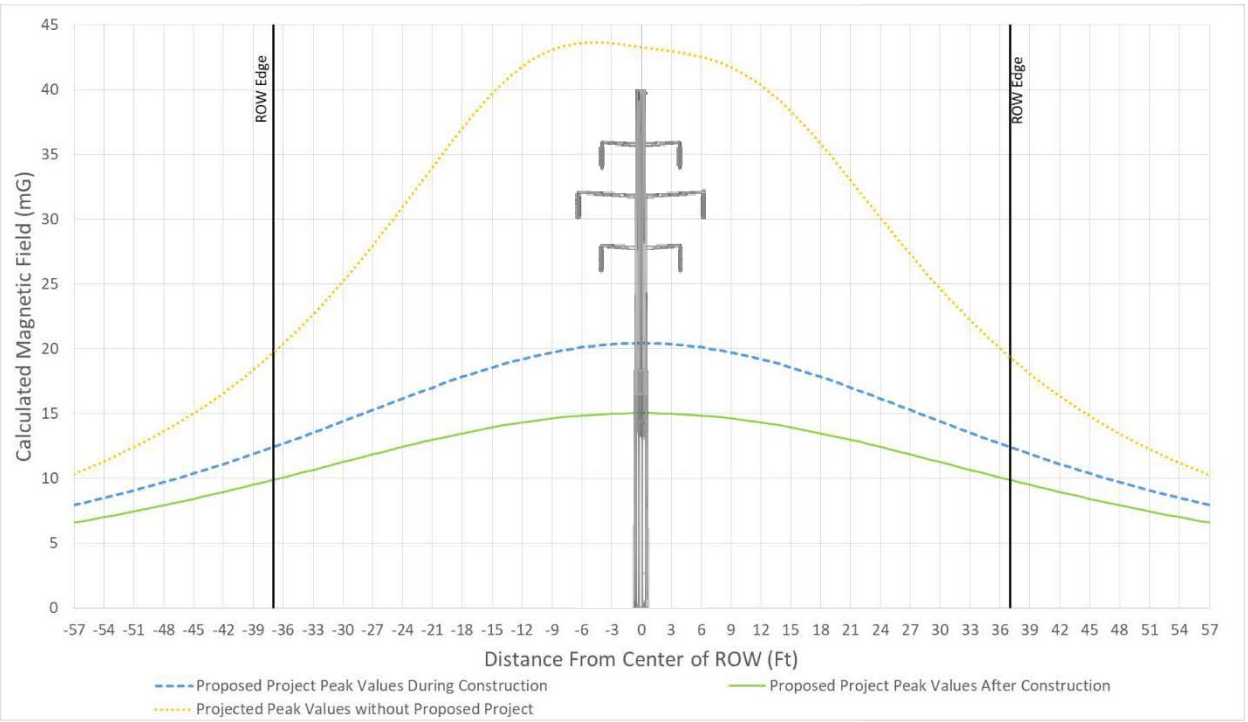


Table 7 – Comparison of Magnetic Fields at Edge of ROW for Segment 1 Section 2 Str. 251 - 252

Design Options	Left Edge (mG)	% Change[27]	Right Edge (mG)	% Change[28]
Projected Peak Values without Full-Rebuild Concept 115 kV T/L	19.678	N/A	19.343	N/A
Full-Rebuild Concept Peak Values 115 kV T/L During Construction	12.397	37%	12.397	36%
Full-Rebuild Concept Peak Values 115 kV T/L After Construction	9.869	50%	9.869	49%

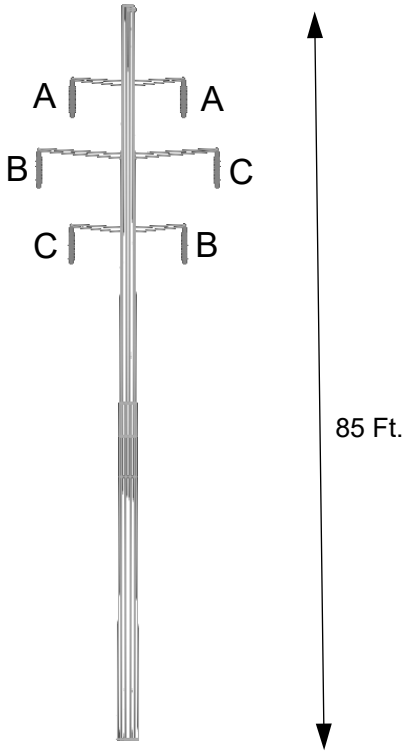
All calculations were made at a height of 3 feet all across the ROW.

Tower Height and Insulator Length
Height – 70 Ft. Length – 4.5 Ft.

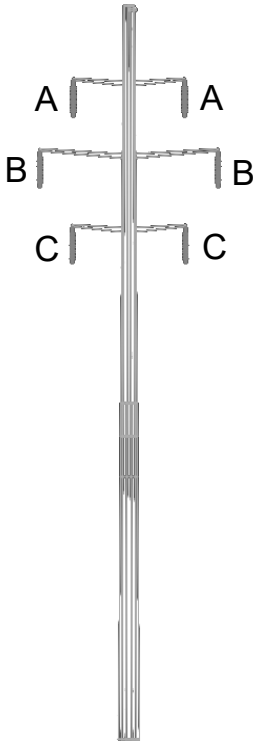
Proposed Construction and Insulator Length
Height – 85 Ft. Length – 4 Ft.

[28] All data in Percent Change column is compared to the Projected Peak Values without the Full-Rebuild Concept

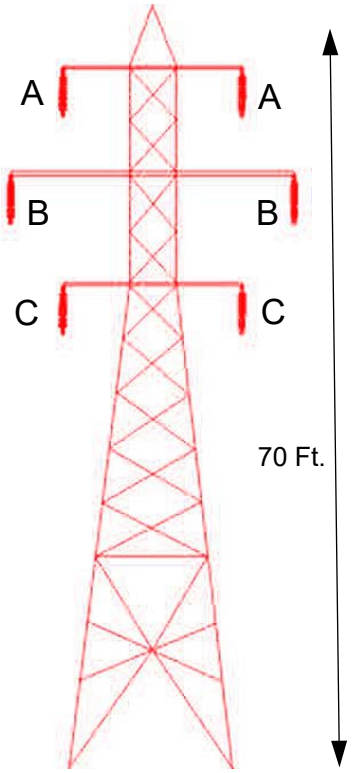
Figure 5 – Tower and Insulator Dimensions and Phasing



Full-Rebuild Concept After Construction:
Double Circuit – Monopole
Figure not to Scale



Full-Rebuild Concept During Construction:
Double Circuit – Monopole
Figure not to Scale



Existing:
Double circuit - Lattice Tower
Figure not to Scale

Segment 1 Section 3

Figure 6 - Typical Magnetic Field Levels for Segment 1 Section 3 Structure 442 – Structure 683, Str. 544 - 545 at 200 Amps

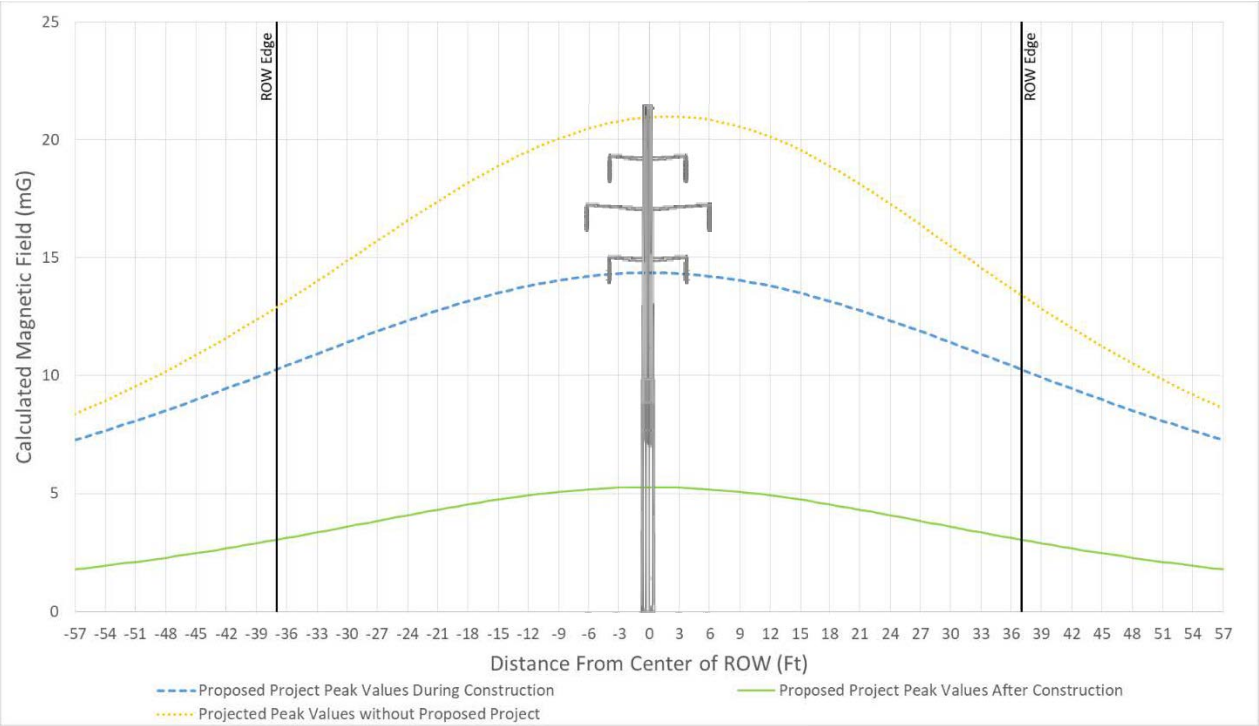


Table 8 – Comparison of Magnetic Fields at Edge of ROW for Segment 1 Section 3 Str. 544 - 545

Design Options	Left Edge (mG)	% Change[28]	Right Edge (mG)	% Change[29]
Projected Peak Values without Full-Rebuild Concept 115 kV T/L	12.905	N/A	13.411	N/A
Full-Rebuild Concept Peak Values 115 kV T/L During Construction	10.263	20%	10.263	23%
Full-Rebuild Concept Peak Values 115 kV T/L After Construction	3.04	76%	3.04	77%

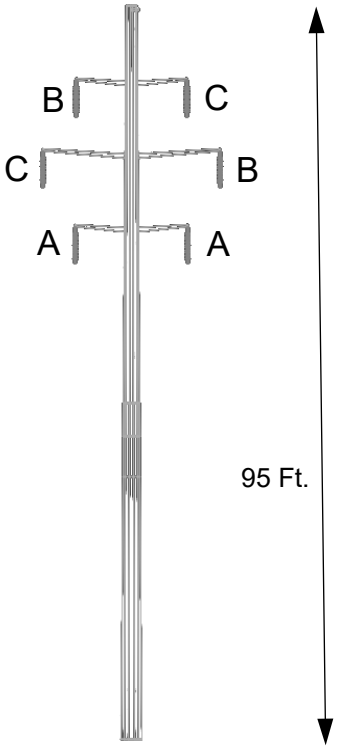
All calculations were made at a height of 3 feet all across the ROW.

Tower Height and Insulator Length
Height – 70 Ft. Length – 4.5 Ft.

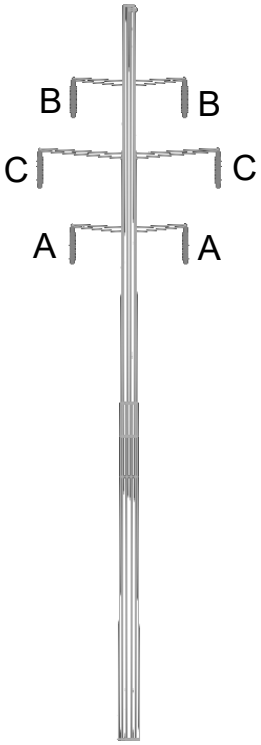
Proposed Construction and Insulator Length
Height – 95 Ft. Length – 4 Ft.

[29] All data in Percent Change column is compared to the Projected Peak Values without the Full-Rebuild Concept

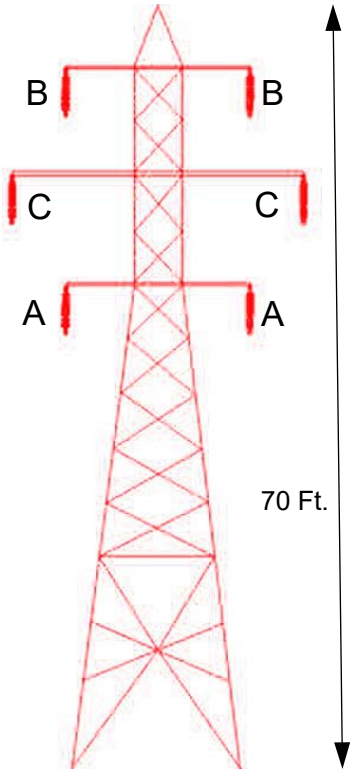
Figure 7 – Tower and Insulator Dimensions and Phasing



Full-Rebuild Concept After Construction:
Double Circuit – Monopole
Figure not to Scale



Full-Rebuild Concept During Construction:
Double Circuit – Monopole
Figure not to Scale



Existing:
Double circuit - Lattice Tower
Figure not to Scale

Segment 1 Section 4

Figure 8 - Typical Magnetic Field Levels for Segment 1 Section 4 Structure 683 – Structure 912, Str. 768 - 769 at 200 Amps

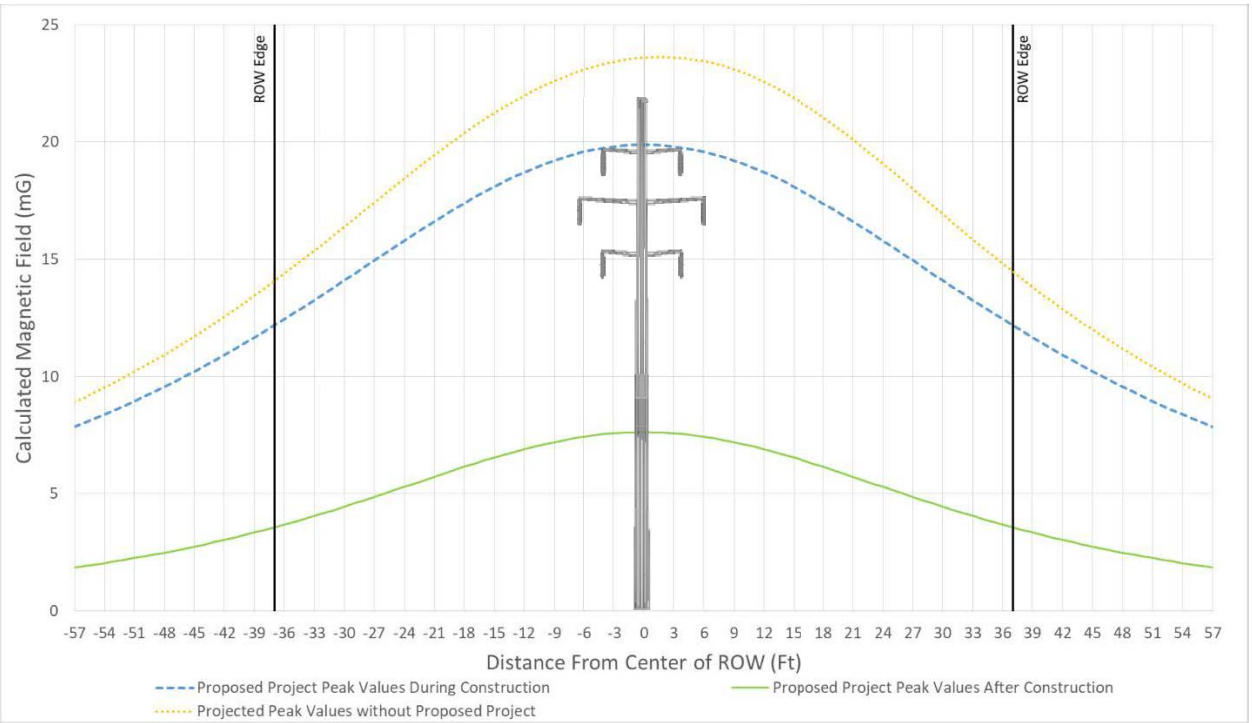


Table 9 – Comparison of Magnetic Fields at Edge of ROW for Segment 1 Section 4 Str. 768 - 769

Design Options	Left Edge (mG)	% Change[29]	Right Edge (mG)	% Change[30]
Projected Peak Values without Full-Rebuild Concept 115 kV T/L	14.068	N/A	14.474	N/A
Full-Rebuild Concept Peak Values 115 kV T/L During Construction	12.18	13%	12.18	16%
Full-Rebuild Concept Peak Values 115 kV T/L After Construction	3.568	75%	3.568	75%

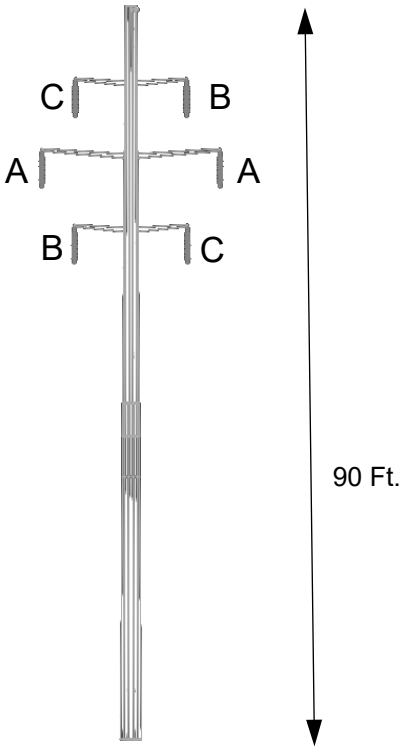
All calculations were made at a height of 3 feet all across the ROW.

Tower Height and Insulator Length
Height – 70 Ft. Length – 4.5 Ft.

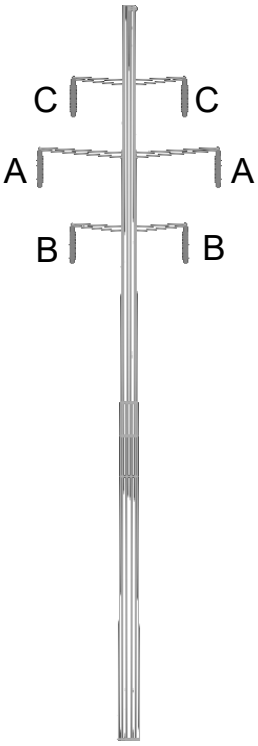
Proposed Construction and Insulator Length
Height – 90 Ft. Length – 4 Ft.

[30] All data in Percent Change column is compared to the Projected Peak Values without the Full-Rebuild Concept

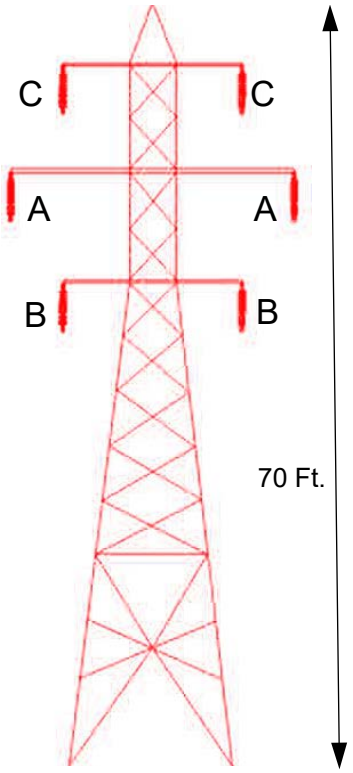
Figure 9 – Tower and Insulator Dimensions and Phasing



Full-Rebuild Concept After Construction:
Double Circuit – Monopole
Figure not to Scale



Full-Rebuild Concept During Construction:
Double Circuit – Monopole
Figure not to Scale



Existing:
Double circuit - Lattice Tower
Figure not to Scale

Segment 1 Section 5

Figure 10 - Typical Magnetic Field Levels for Segment 1 Section 5 Structure 912 – Inyokern Substion, Str. 957 - 958 at 200 Amps

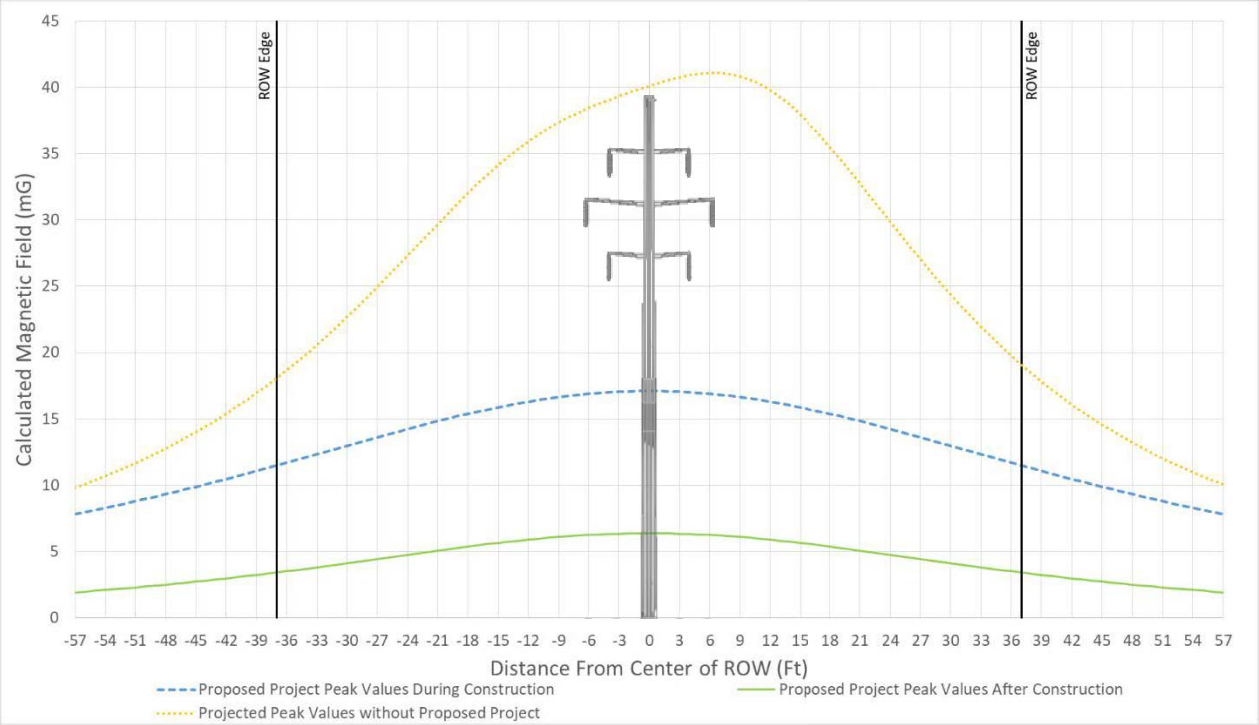


Table 10 – Comparison of Magnetic Fields at Edge of ROW for Segment 1 Section 5 Str. 957 - 959

Design Options	Left Edge (mG)	% Change[30]	Right Edge (mG)	% Change[31]
Projected Peak Values without Full-Rebuild Concept 115 kV T/L	18.071	N/A	19.084	N/A
Full-Rebuild Concept Peak Values 115 kV T/L During Construction	11.485	36%	11.485	40%
Full-Rebuild Concept Peak Values 115 kV T/L After Construction	3.416	81%	3.416	82%

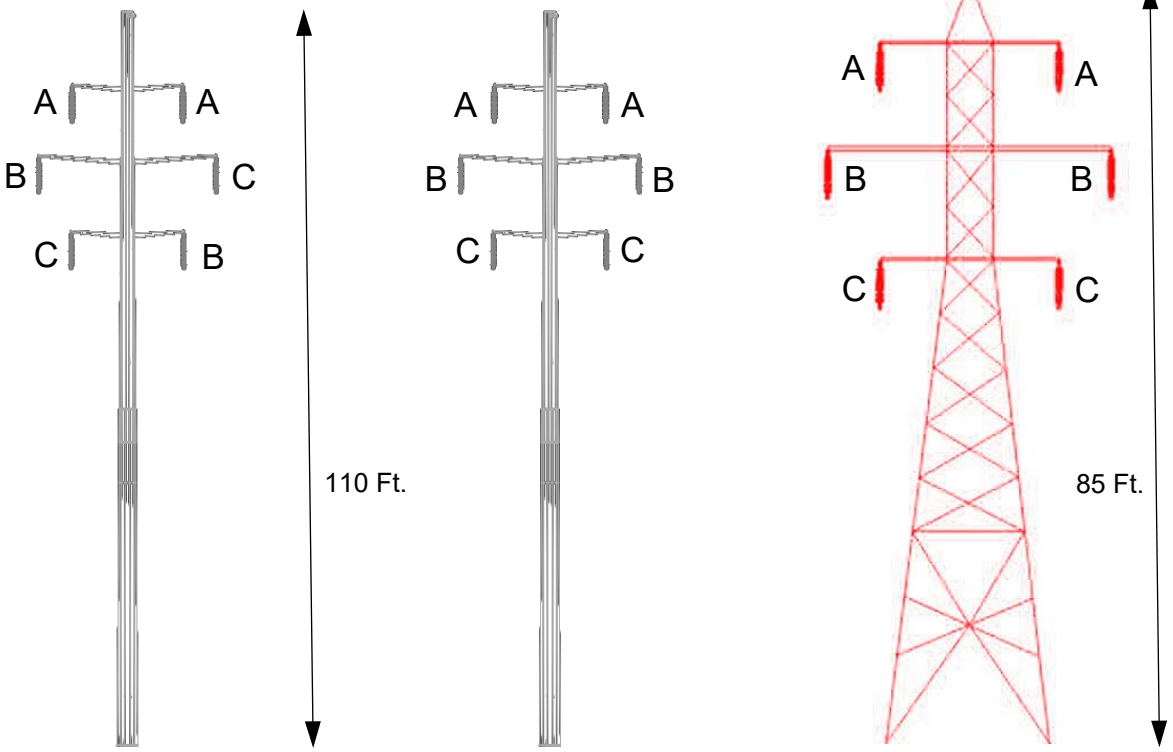
All calculations were made at a height of 3 feet all across the ROW.

Tower Height and Insulator Length
Height – 85 Ft. Length – 4.5 Ft.

Proposed Construction and Insulator Length
Height – 110 Ft. Length – 4 Ft.

[31] All data in Percent Change column is compared to the Projected Peak Values without the Full-Rebuild Concept

Figure 11 – Tower and Insulator Dimensions and Phasing



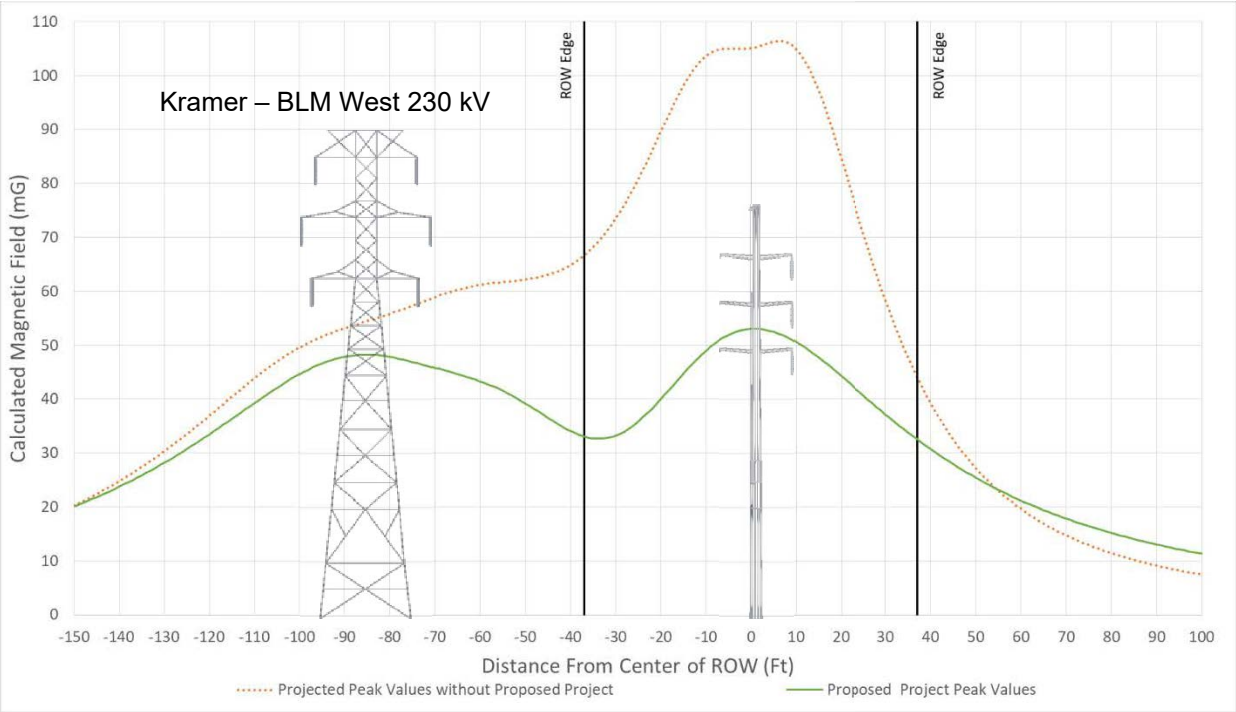
Full-Rebuild Concept After Construction:
Double Circuit – Monopole
Figure not to Scale

Full-Rebuild Concept During Construction:
Double Circuit – Monopole
Figure not to Scale

Existing:
Double Circuit - Lattice Tower
Figure not to Scale

Segment 2 Section 1

Figure 12 - Typical Magnetic Field Levels for Segment 2 Section 1 Kramer Substation – Structure 121255, Str. 121257 - 121256 at 840 Amps



Assuming Curlew ACSR conductor, Top-Bottom phasing 0°,120°,240°-0°,120°,240°, and 400 Amps for parallel line.
Graph is extended to show the influence of the parallel line.

Table 11 – Comparison of Magnetic Fields at Edge of ROW for Segment 2 Section 1 Str. 121257 - 121256

Design Options	Left Edge (mG)	% Change[31]	Right Edge (mG)	% Change[32]
Projected Peak Values without Full-Rebuild Concept 115 kV T/L	66.677	N/A	44.115	N/A
Full-Rebuild Concept Peak Values 115 kV T/L	33.073	50%	32.545	26%

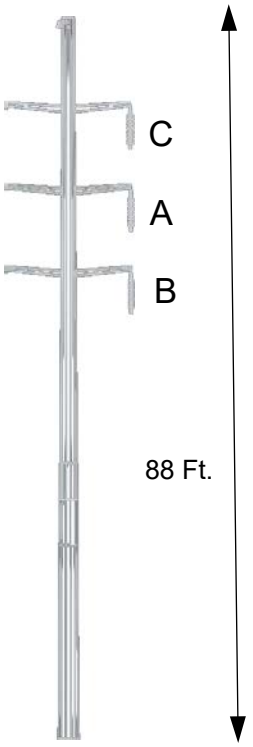
All calculations were made at a height of 3 feet all across the ROW.

Tower Height and Insulator Length
Height – 70 Ft. Length – 4.5 Ft.

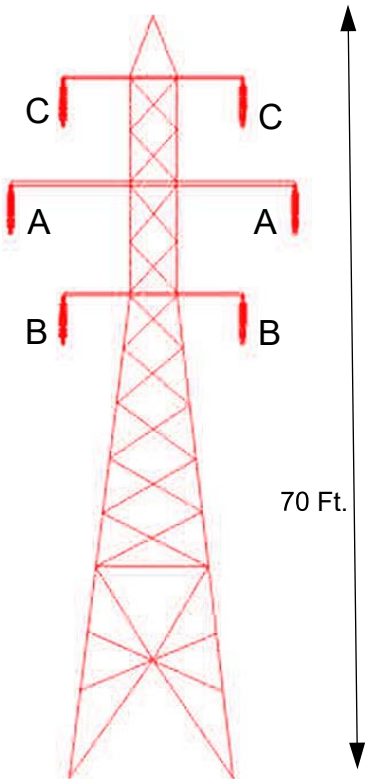
Proposed Construction and Insulator Length
Height – 88 Ft. Length – 4 Ft.

[32] All data in Percent Change column is compared to the Projected Peak Values without the Full-Rebuild Concept

Figure 13 – Tower and Insulator Dimensions and Phasing



Full-Rebuild Concept:
Single Circuit – Monopole
Figure not to Scale



Existing:
Double Circuit - Lattice Tower
Figure not to Scale

Segment 2 Section 2

Figure 14 - Typical Magnetic Field Levels for Segment 2 Section 2 Structure 121255 – Randsburg Substation, Str. 121170 - 121169 at 840 Amps

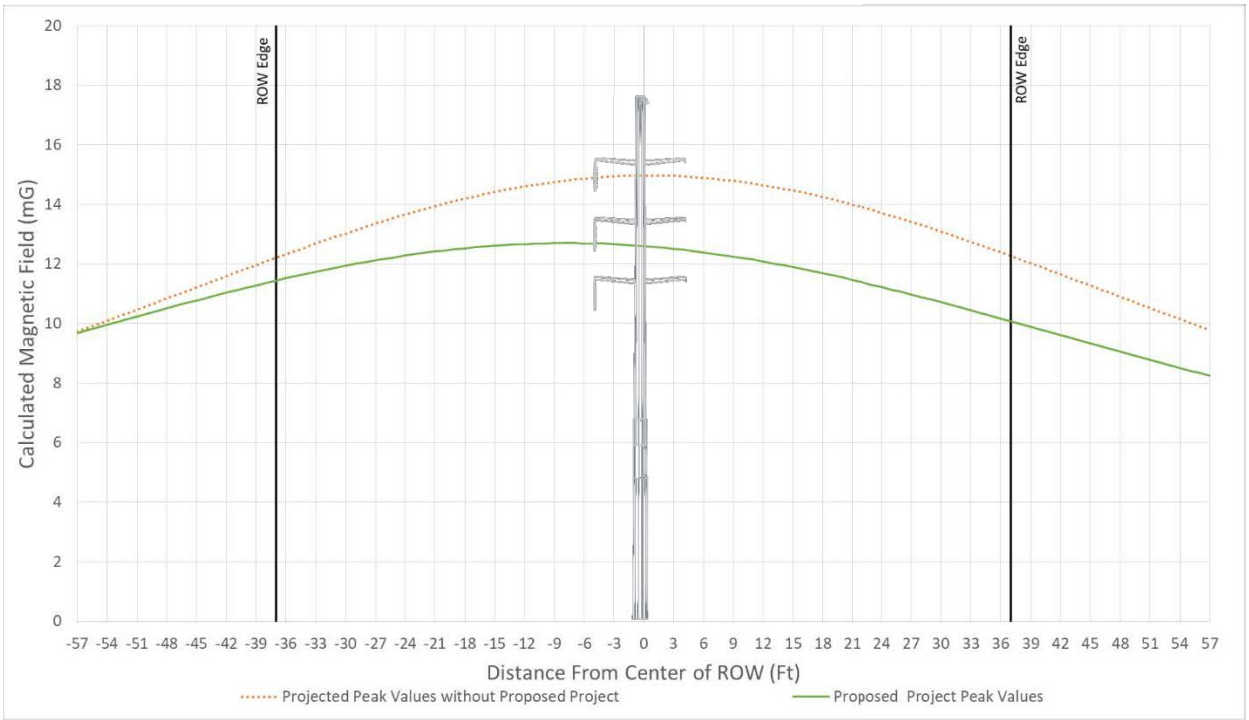


Table 12 – Comparison of Magnetic Fields at Edge of ROW for Segment 2 Section 2 Str. 121170 - 121169

Design Options	Left Edge (mG)	% Change[32]	Right Edge (mG)	% Change[33]
Projected Peak Values without Full-Rebuild Concept 115 kV T/L	12.206	N/A	12.272	N/A
Full-Rebuild Concept Peak Values 115 kV T/L	11.44	6%	10.085	18%

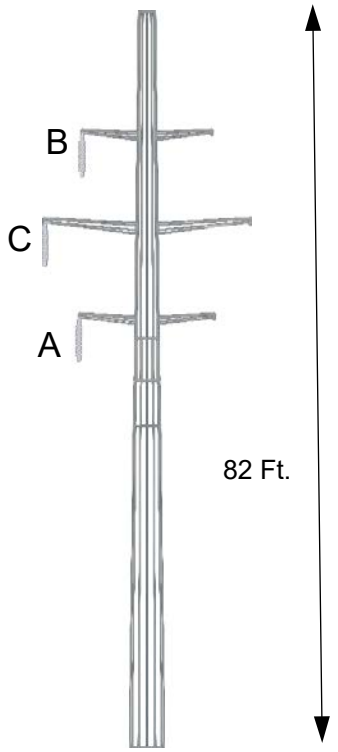
All calculations were made at a height of 3 feet all across the ROW.

Tower Height and Insulator Length
Height – 71 Ft. Length – 4.5 Ft.

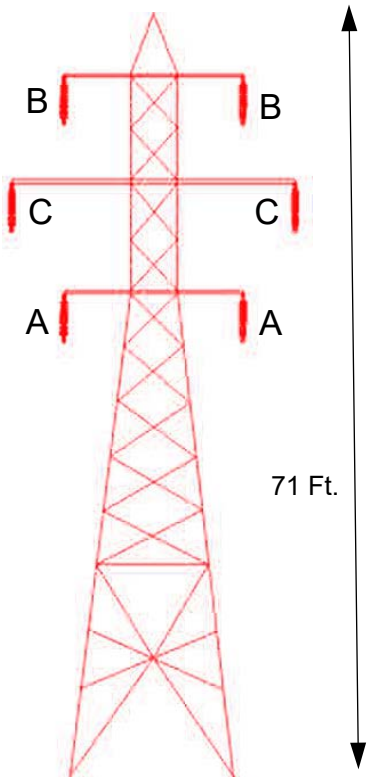
Proposed Construction and Insulator Length
Height – 82 Ft. Length – 4 Ft.

[33] All data in Percent Change column is compared to the Projected Peak Values without the Full-Rebuild Concept

Figure 15 – Tower and Insulator Dimensions and Phasing



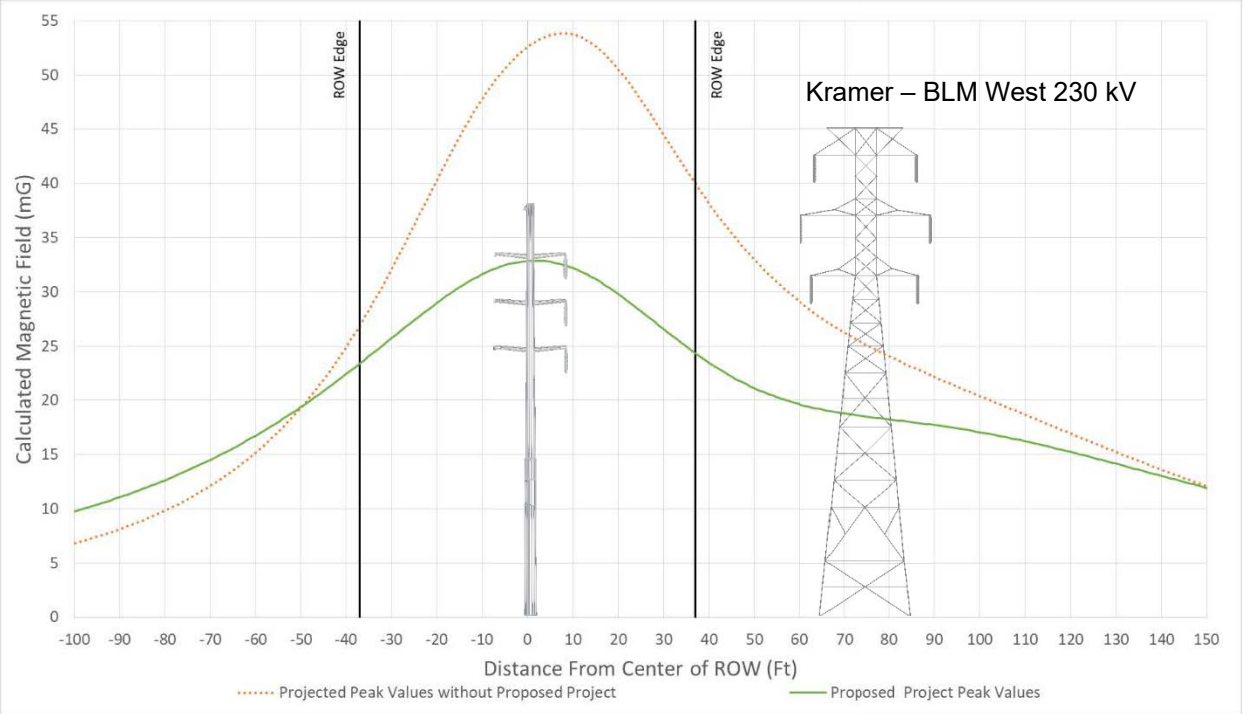
Full-Rebuild Concept:
Single Circuit – Monopole
Figure not to Scale



Existing:
Double Circuit - Lattice Tower
Figure not to Scale

Segment 2 Section 3

Figure 16 - Typical Magnetic Field Levels for Segment 2 Section 3 Randsburg Substation – Structure 121042, Str. 121124 - 121123 at 840 Amps



Assuming Curlew ACSR conductor, Top-Bottom phasing 0°,120°,240°-0°,120°,240°, and 400 Amps for parallel line.
Graph is extended to show the influence of the parallel line.

Table 13 – Comparison of Magnetic Fields at Edge of ROW for Segment 2 Section 3 Str. 121124 - 121123

Design Options	Left Edge (mG)	% Change[33]	Right Edge (mG)	% Change[34]
Projected Peak Values without Full-Rebuild Concept 115 kV T/L	26.9	N/A	39.981	N/A
Full-Rebuild Concept Peak Values 115 kV T/L	23.396	13%	24.335	39%

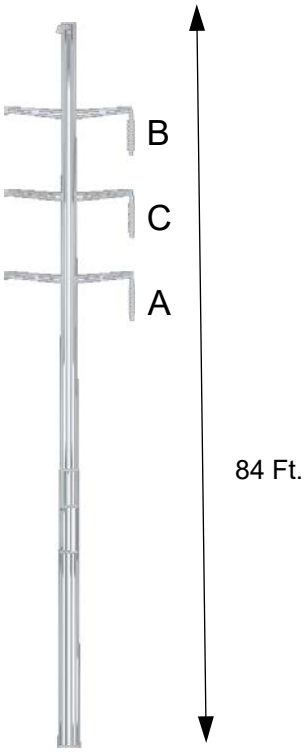
All calculations were made at a height of 3 feet all across the ROW.

Tower Height and Insulator Length
Height – 69 Ft. Length – 4.5 Ft.

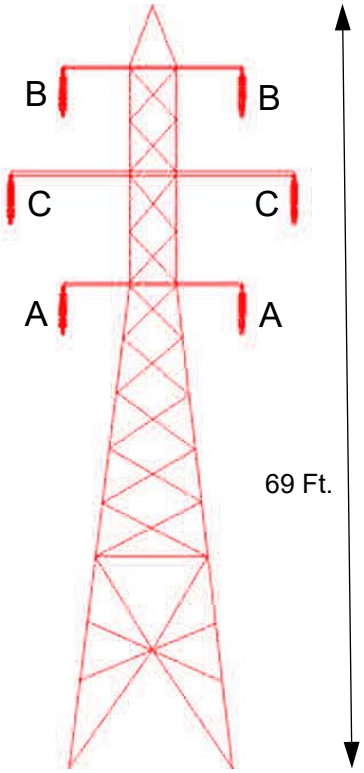
Proposed Construction and Insulator Length
Height – 84 Ft. Length – 4 Ft.

[34] All data in Percent Change column is compared to the Projected Peak Values without the Full-Rebuild Concept

Figure 17 – Tower and Insulator Dimensions and Phasing



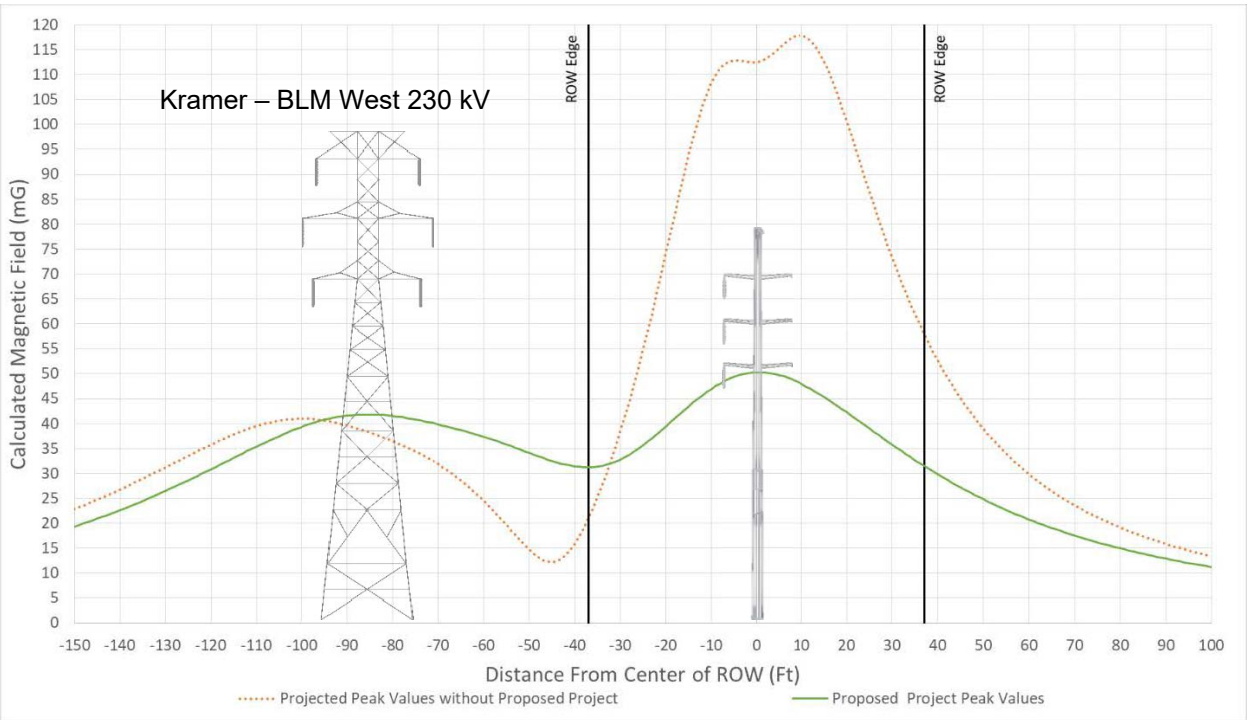
Full-Rebuild Concept:
Single Circuit – Monopole
Figure not to Scale



Existing:
Double Circuit - Lattice Tower
Figure not to Scale

Segment 2 Section 4

Figure 18 - Typical Magnetic Field Levels for Segment 2 Section 4 Structure 121042 – Inyokern Substation, Str. 120997 - 120996 at 840 Amps



Assuming Curlew ACSR conductor, Top-Bottom phasing 0°,120°,240°-0°,120°,240°, and 400 Amps for parallel line.
Graph is extended to show the influence of the parallel line.

Table 14 – Comparison of Magnetic Fields at Edge of ROW for Segment 2 Section 4 Str. 120997 - 120996

Design Options	Left Edge (mG)	% Change[34]	Right Edge (mG)	% Change[35]
Projected Peak Values without Full-Rebuild Concept 115 kV T/L	21.014	N/A	54.747	N/A
Full-Rebuild Concept Peak Values 115 kV T/L	31.256	-49%	35.625	35%

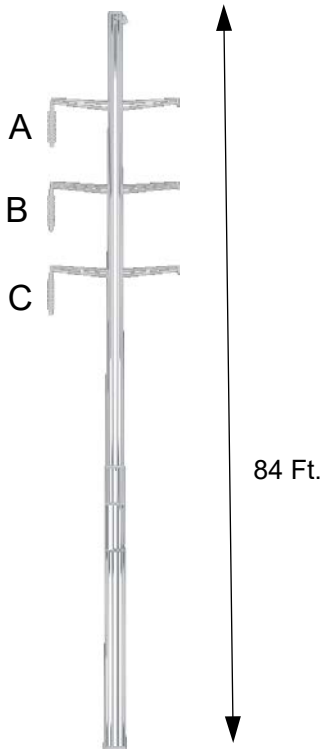
All calculations were made at a height of 3 feet all across the ROW.

Tower Height and Insulator Length
Height – 70 Ft. Length – 4.5 Ft.

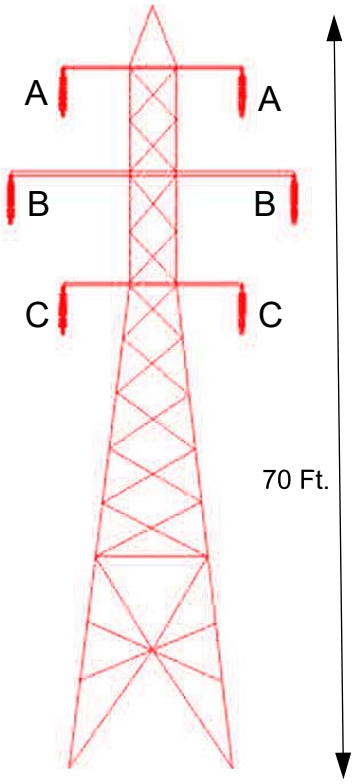
Proposed Construction and Insulator Length
Height – 84 Ft. Length – 4 Ft.

[35] All data in Percent Change column is compared to the Projected Peak Values without the Full-Rebuild Concept

Figure 19 – Tower and Insulator Dimensions and Phasing



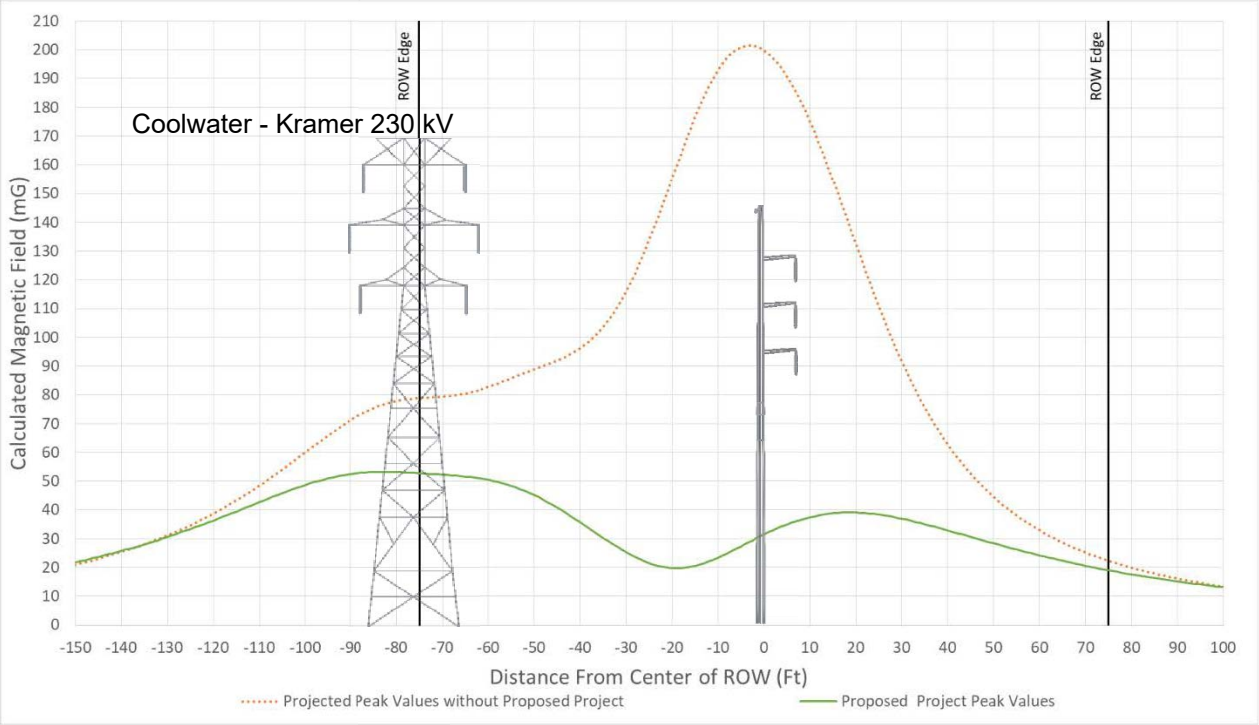
Full-Rebuild Concept:
Single Circuit – Monopole
Figure not to Scale



Existing:
Double Circuit - Lattice Tower
Figure not to Scale

Segment 3N

Figure 20 - Typical Magnetic Field Levels for Segment 3N Kramer Substation – Coolwater Substation, Str. N1561186E_S1561185E- N4457229E_S4457230E at 860 Amps



Assuming Drake ACSR conductor, Top-Bottom phasing 0°,120°,240°-0°,120°,240°, and 400 Amps for the parallel line.
Graph is extended to show the influence of the parallel line.

Table 15 – Comparison of Magnetic Fields at Edge of ROW for Segment 3N Str. N1561186E_S1561185E- N4457229E_S4457230E

Design Options	Left Edge (mG)	% Change[35]	Right Edge (mG)	% Change[36]
Projected Peak Values without Full-Rebuild Concept 115 kV T/L	78.891	N/A	22.336	N/A
Full-Rebuild Concept Peak Values 115 kV T/L	52.803	33%	19.028	15%

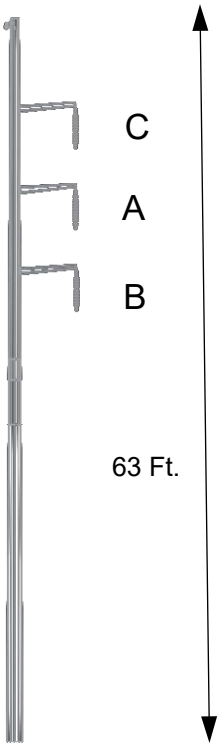
All calculations were made at a height of 3 feet all across the ROW.

Tower Height and Insulator Length
Height – 57 Ft. Length – 4.5 Ft.

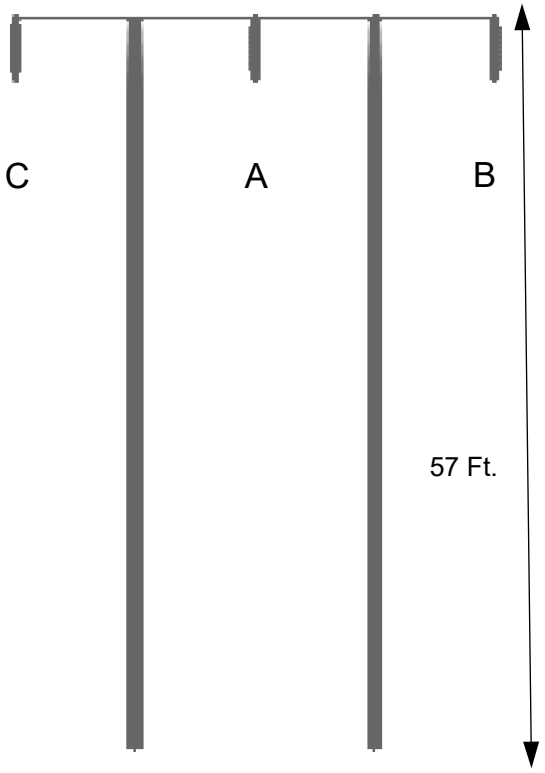
Proposed Construction and Insulator Length
Height – 63 Ft. Length – 4 Ft.

[36] All data in Percent Change column is compared to the Projected Peak Values without the Full-Rebuild Concept

Figure 21 – Tower and Insulator Dimensions and Phasing



Full-Rebuild Concept:
Single Circuit – Monopole
Figure not to Scale



Existing:
Single Circuit – H-Frame
Figure not to Scale

Segment 3S Section 1

Figure 22 - Typical Magnetic Field Levels for Segment 3S Section 1 Kramer Substation – Tortilla Substation, Str. NA560144AE_SA560144BE - NA560143AE_SA560143BE at 725 Amps

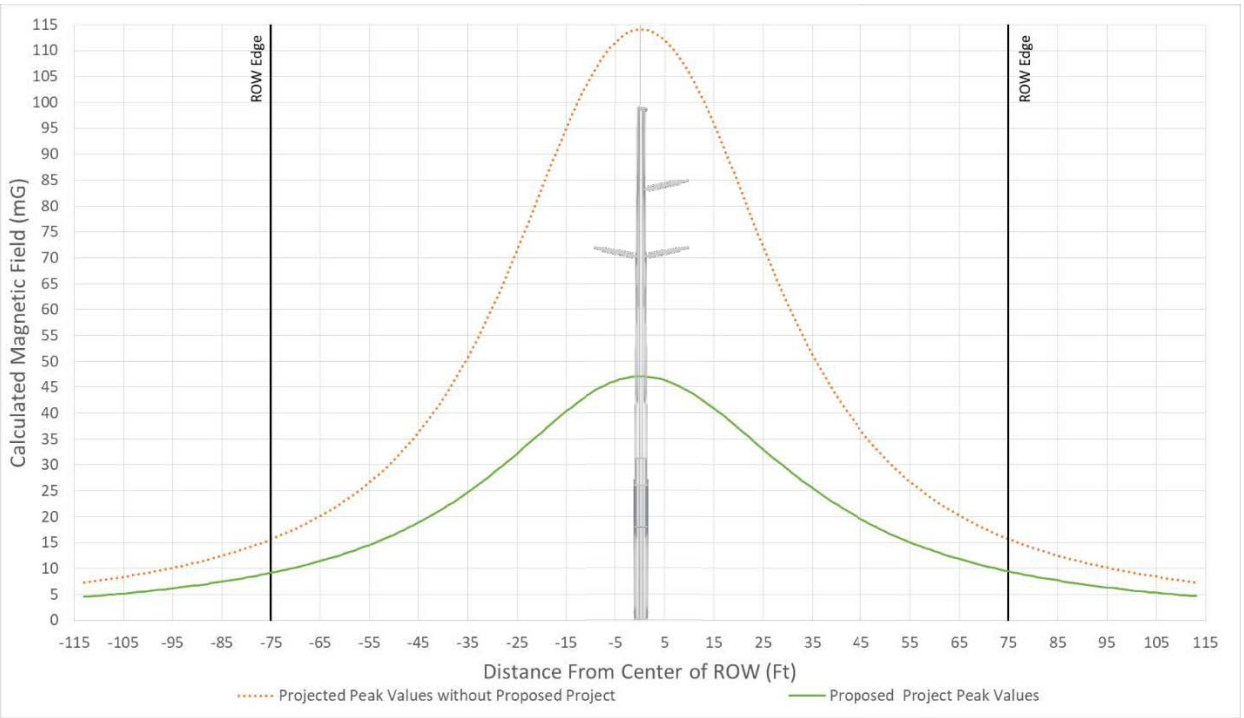


Table 16 – Comparison of Magnetic Fields at Edge of ROW for Segment 3S Section 1 Str. NA560144AE_SA560144BE - NA560143AE_SA560143BE

Design Options	Left Edge (mG)	% Change[36]	Right Edge (mG)	% Change[37]
Projected Peak Values without Full-Rebuild Concept 115 kV T/L	15.641	N/A	15.733	N/A
Full-Rebuild Concept Peak Values 115 kV T/L	9.166	41%	9.479	40%

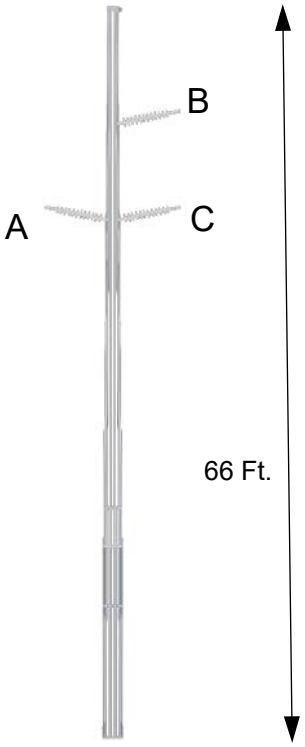
All calculations were made at a height of 3 feet all across the ROW.

Tower Height and Insulator Length
Height – 58 Ft. Length – 4.5 Ft.

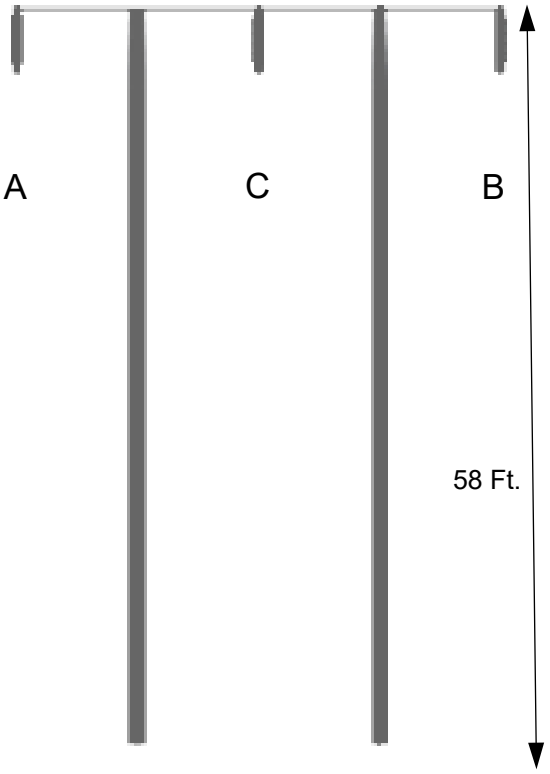
Proposed Construction and Insulator Length
Height – 66 Ft. Length – 4 Ft.

[37] All data in Percent Change column is compared to the Projected Peak Values without the Full-Rebuild Concept

Figure 23 – Tower and Insulator Dimensions and Phasing



Full-Rebuild Concept:
Single Circuit – Monopole
Figure not to Scale



Existing:
Single Circuit – H-Frame
Figure not to Scale

Segment 3S Section 2

Figure 24 - Typical Magnetic Field Levels for Segment 3S Section 2 Tortilla Substation – Coolwater Substation, Str. 1811388E - 1811383E at 600 Amps

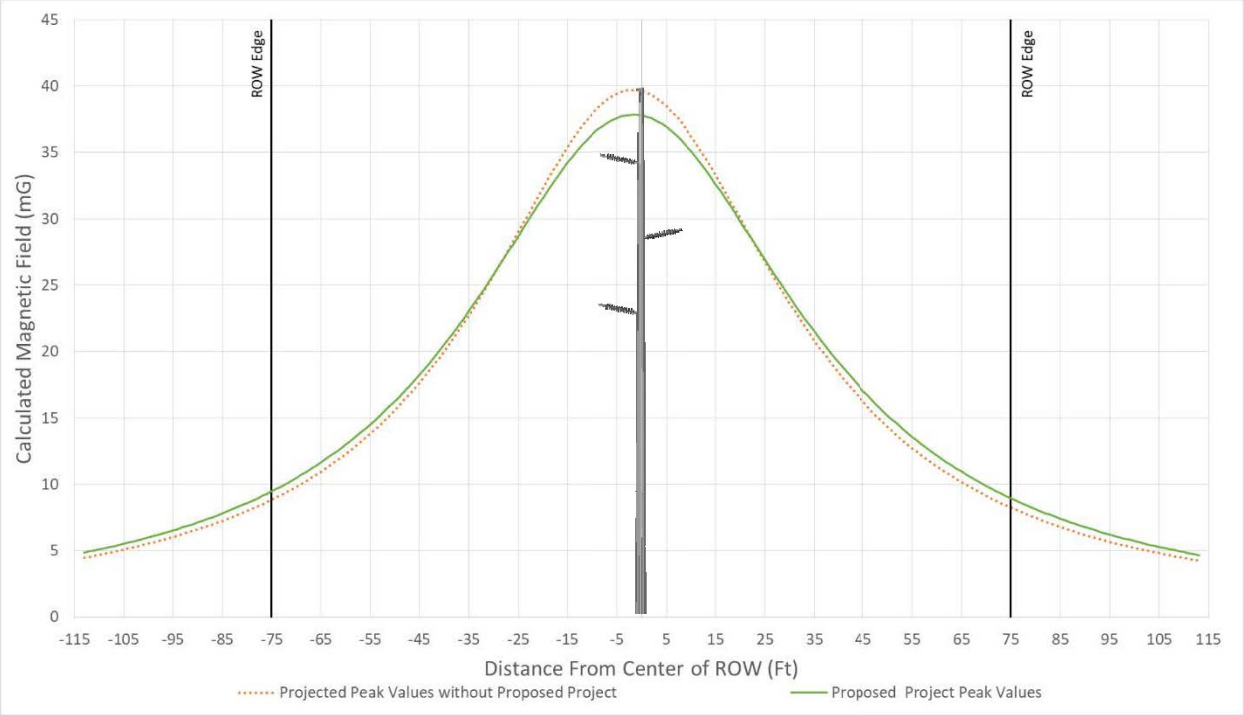


Table 17 – Comparison of Magnetic Fields at Edge of ROW for Segment 3S Section 2 Str. 3235 - 3236

Design Options	Left Edge (mG)	% Change[37]	Right Edge (mG)	% Change[38]
Projected Peak Values without Full-Rebuild Concept 115 kV T/L	9.478	N/A	8.957	N/A
Full-Rebuild Concept Peak Values 115 kV T/L	8.833	7%	8.249	8%

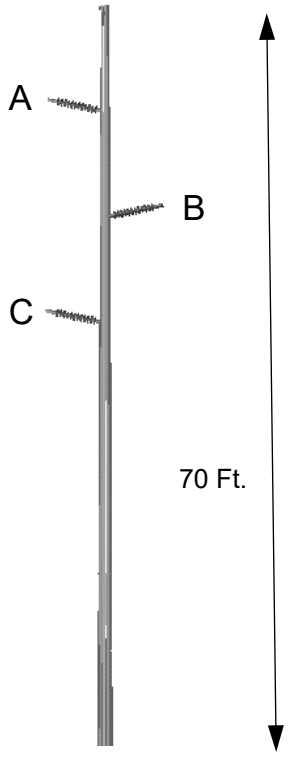
All calculations were made at a height of 3 feet all across the ROW.

Tower Height and Insulator Length
Height – 67 Ft. Length – 4.5 Ft.

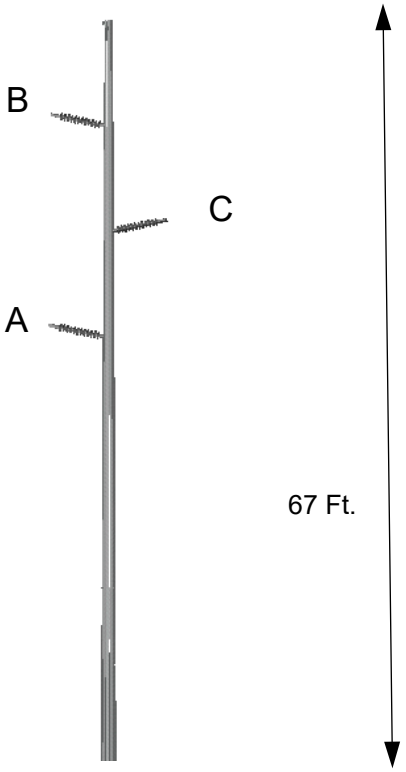
Proposed Construction and Insulator Length
Height – 70 Ft. Length – 4 Ft.

[38] All data in Percent Change column is compared to the Projected Peak Values without the Full-Rebuild Concept

Figure 25 – Tower and Insulator Dimensions and Phasing



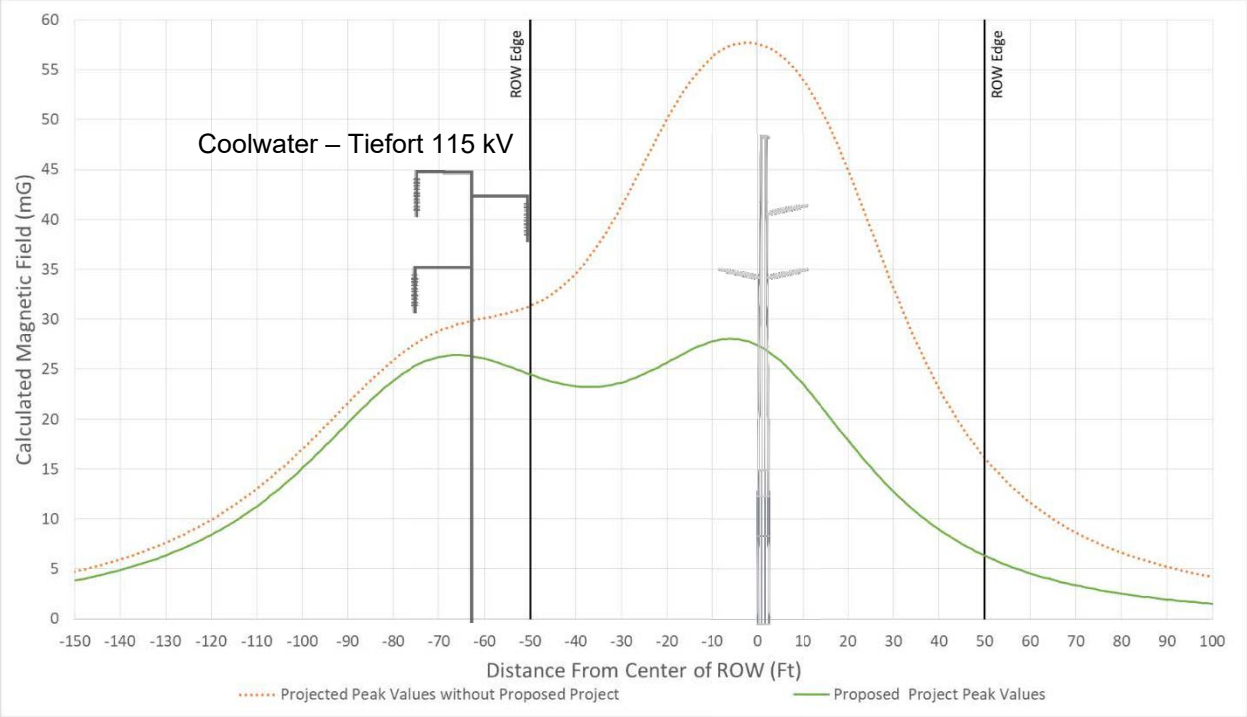
Full-Rebuild Concept:
Single Circuit – Monopole
Figure not to Scale



Existing:
Single Circuit – Monopole
Figure not to Scale

Segment 4 Section 1

Figure 26 - Typical Magnetic Field Levels for Segment 4 Section 1 Coolwater Substation – Structure 128574, Str. 128568 - 128569 at 260 Amps



Assuming Partridge ACSR conductor, Top-Bottom phasing 0°,120°,240° and 400 Amps for parallel line. Graph is extended to show the influence of the parallel line.

Table 18 – Comparison of Magnetic Fields at Edge of ROW for Segment 4 Section 1 Str. 128568 - 128569

Design Options	Left Edge (mG)	% Change[38]	Right Edge (mG)	% Change[39]
Projected Peak Values without Full-Rebuild Concept 115 kV T/L	31.345	N/A	16.149	N/A
Full-Rebuild Concept Peak Values 115 kV T/L	24.474	22%	6.32	61%

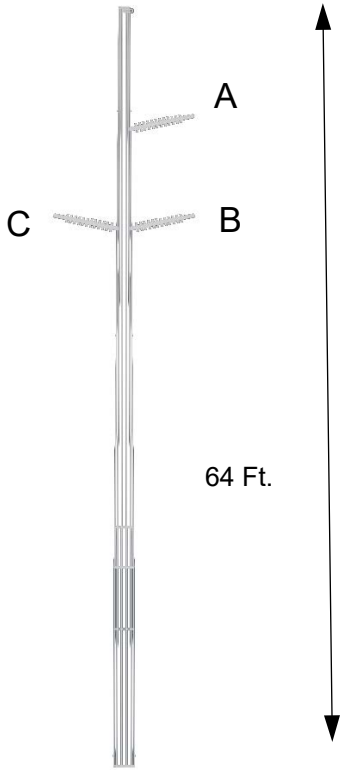
All calculations were made at a height of 3 feet all across the ROW.

Tower Height and Insulator Length
Height – 52 Ft. Length – 4.5 Ft.

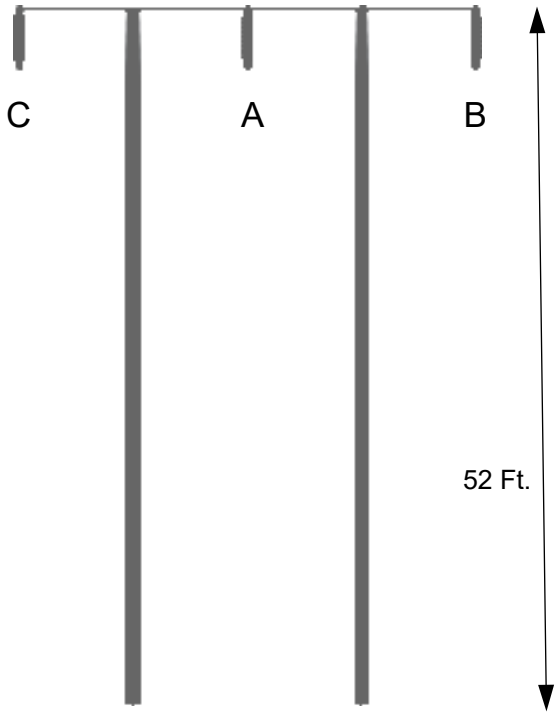
Proposed Construction and Insulator Length
Height – 64 Ft. Length – 4 Ft.

[39] All data in Percent Change column is compared to the Projected Peak Values without the Full-Rebuild Concept

Figure 27 – Tower and Insulator Dimensions and Phasing



Full-Rebuild Concept:
Single Circuit – Monopole
Figure not to Scale



Existing:
Single Circuit – H-Frame
Figure not to Scale

Segment 4 Section 2

Figure 28 - Typical Magnetic Field Levels for Segment 4 Section 2 Structure 128574 – Structure 128595, Str. 128585 - 128586 at 260 Amps

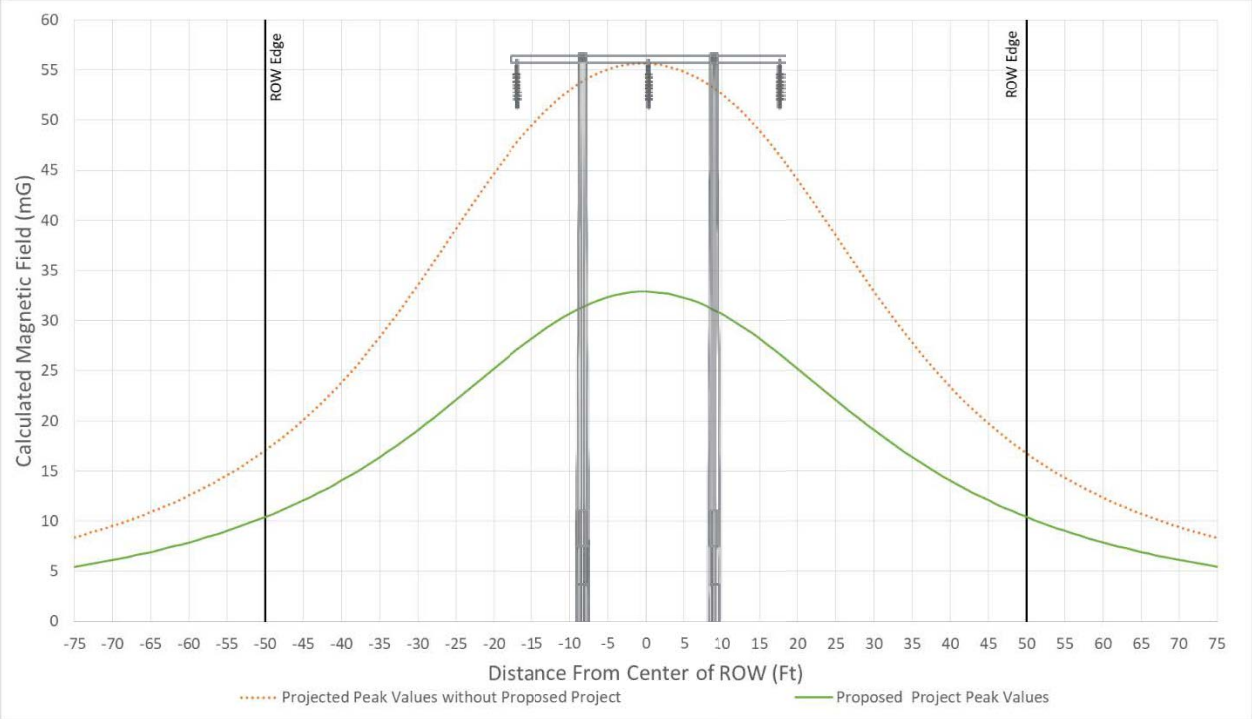


Table 19 – Comparison of Magnetic Fields at Edge of ROW for Segment 4 Section 2 Str. 128585 - 128586

Design Options	Left Edge (mG)	% Change[39]	Right Edge (mG)	% Change[40]
Projected Peak Values without Full-Rebuild Concept 115 kV T/L	17.088	N/A	16.749	N/A
Full-Rebuild Concept Peak Values 115 kV T/L	10.422	39%	10.4	38%

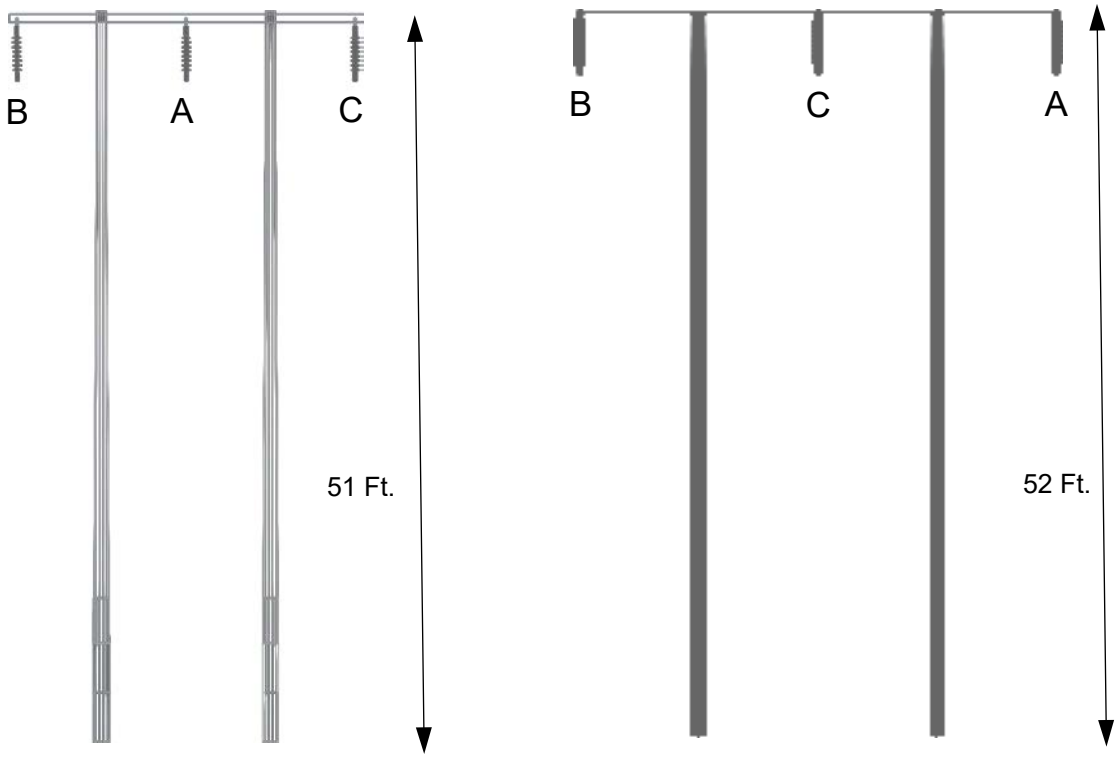
All calculations were made at a height of 3 feet all across the ROW.

Tower Height and Insulator Length
Height – 52 Ft. Length – 4.5 Ft.

Proposed Construction and Insulator Length
Height – 51 Ft. Length – 4 Ft.

[40] All data in Percent Change column is compared to the Projected Peak Values without the Full-Rebuild Concept

Figure 29 – Tower and Insulator Dimensions and Phasing



Full-Rebuild Concept:
Single Circuit – H-Frame
Figure not to Scale

Existing:
Single Circuit – H-Frame
Figure not to Scale

Segment 4 Section 3

Figure 30 - Typical Magnetic Field Levels for Segment 4 Section 3 Structure 128595 – Structure 128638, Str. 128614-128615 at 260 Amps

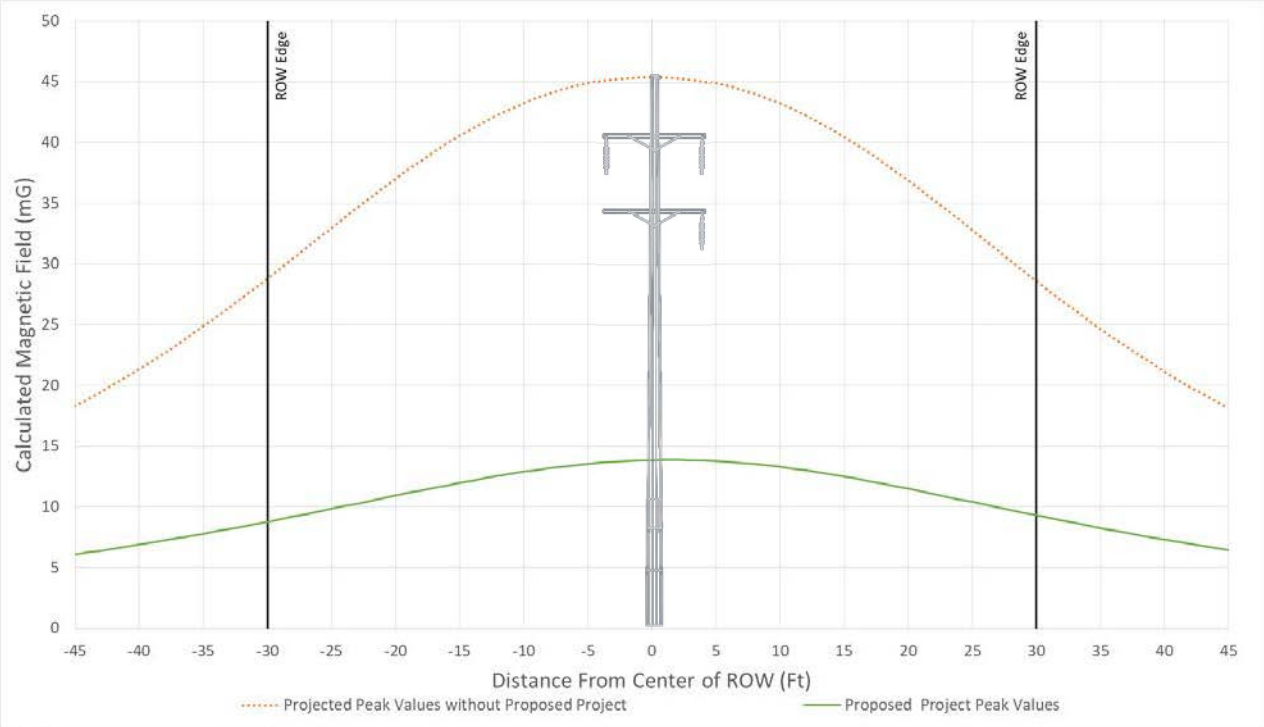


Table 20 – Comparison of Magnetic Fields at Edge of ROW for Segment 4 Section 3 Str. 128614-128615

Design Options	Left Edge (mG)	% Change[40]	Right Edge (mG)	% Change[41]
Projected Peak Values without Full-Rebuild Concept 115 kV T/L	28.799	N/A	28.583	N/A
Full-Rebuild Concept Peak Values 115 kV T/L	8.767	70%	9.294	67%

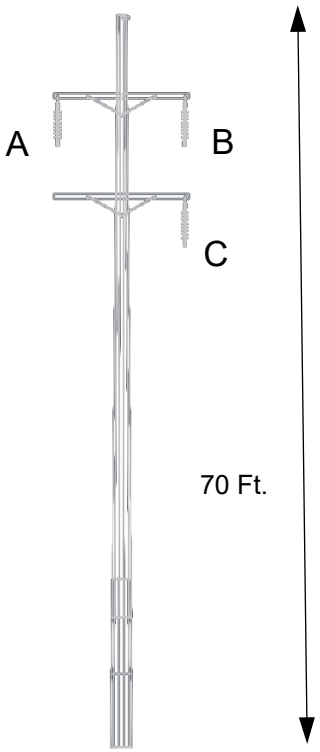
All calculations were made at a height of 3 feet all across the ROW.

Tower Height and Insulator Length
Height – 53 Ft. Length – 4.5 Ft.

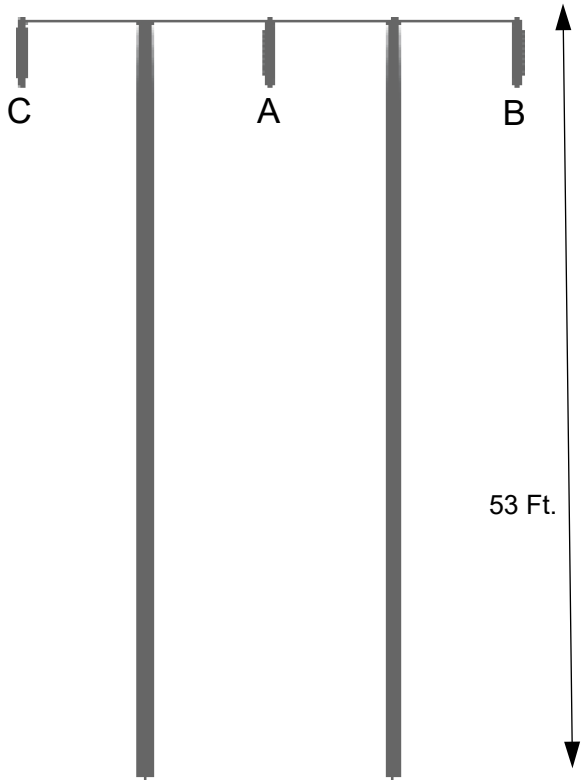
Proposed Construction and Insulator Length
Height – 70 Ft. Length – 4 Ft.

[41] All data in Percent Change column is compared to the Projected Peak Values without the Full-Rebuild Concept

Figure 31 – Tower and Insulator Dimensions and Phasing



Full-Rebuild Concept:
Single Circuit – Monopole
Figure not to Scale



Existing:
Single Circuit – H-Frame
Figure not to Scale

Segment 4 Section 4

Figure 32 - Typical Magnetic Field Levels for Segment 4 Section 4 Structure 128638 – Structure 128660, Str. 128645 - 128646 at 260 Amps

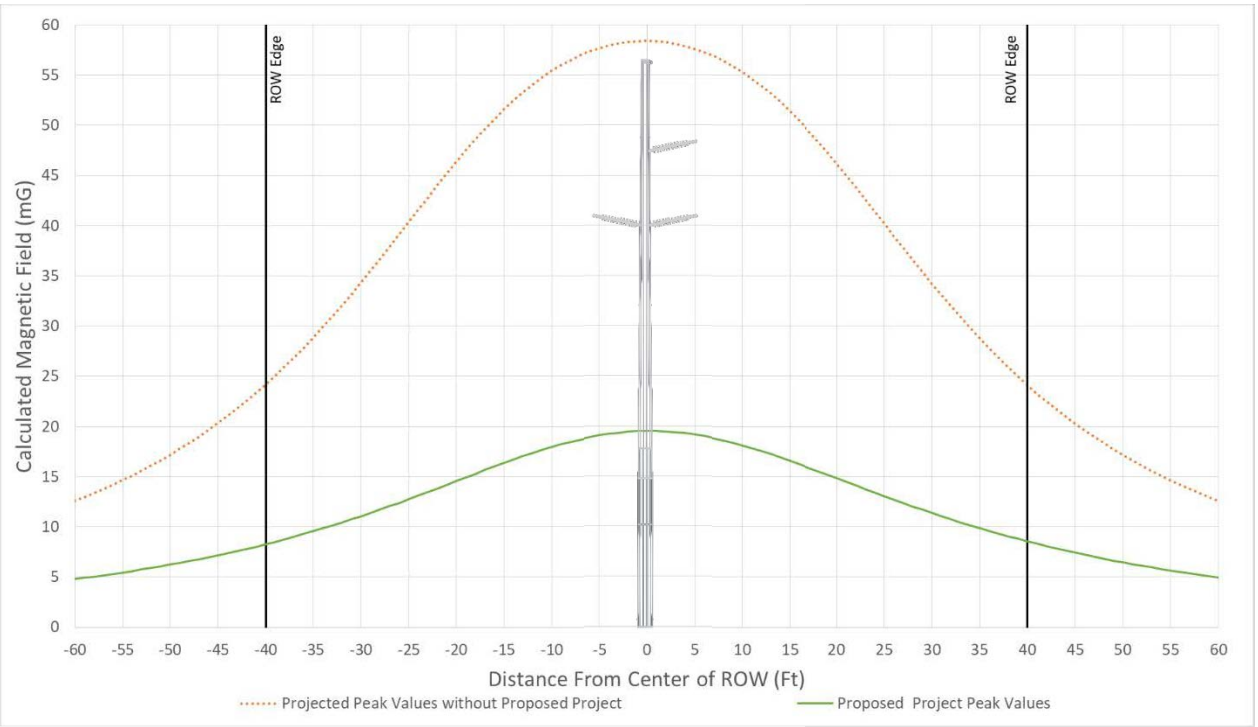


Table 21 – Comparison of Magnetic Fields at Edge of ROW for Segment 4 Section 4 Str. 128684 - 128685

Design Options	Left Edge (mG)	% Change[41]	Right Edge (mG)	% Change[42]
Projected Peak Values without Full-Rebuild Concept 115 kV T/L	24.187	N/A	24.126	N/A
Full-Rebuild Concept Peak Values 115 kV T/L	8.265	66%	8.556	65%

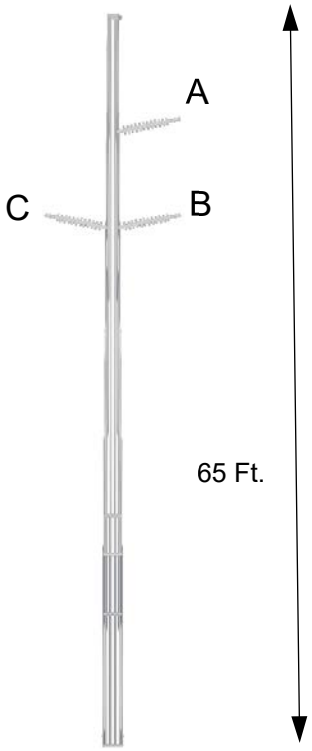
All calculations were made at a height of 3 feet all across the ROW.

Tower Height and Insulator Length
Height – 52 Ft. Length – 4.5 Ft.

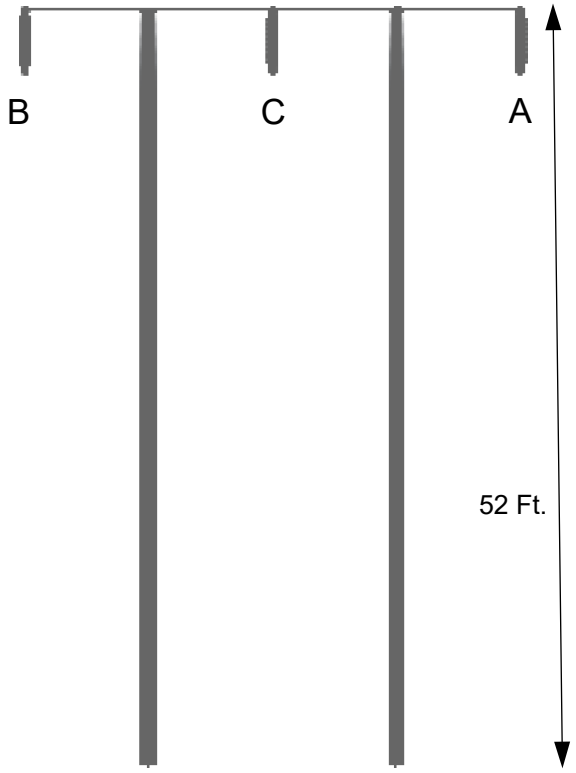
Proposed Construction and Insulator Length
Height – 65 Ft. Length – 4 Ft.

[42] All data in Percent Change column is compared to the Projected Peak Values without the Full-Rebuild Concept

Figure 33 – Tower and Insulator Dimensions and Phasing



Full-Rebuild Concept:
Single Circuit – Monopole
Figure not to Scale



Existing:
Single Circuit – H-Frame
Figure not to Scale

Segment 4 Section 5

Figure 34 - Typical Magnetic Field Levels for Segment 4 Section 5 Structure 128660 – Structure 128699, Str. 128684 - 128685 at 260 Amps

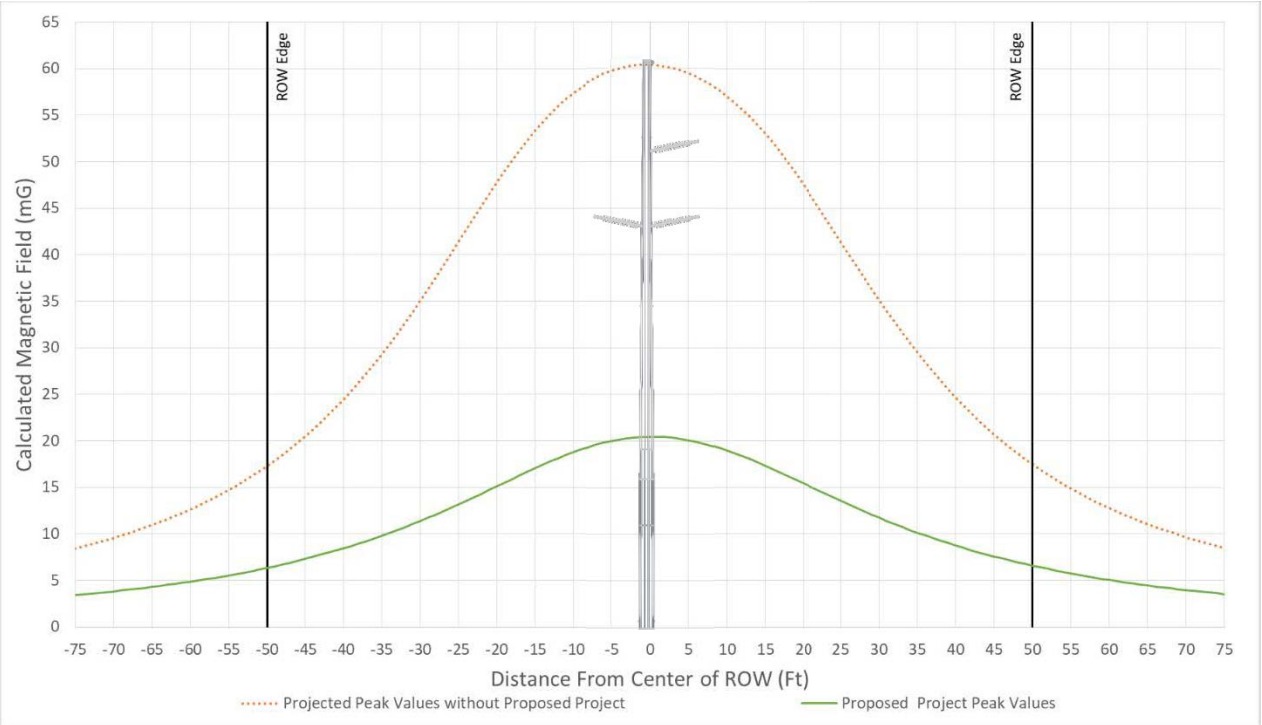


Table 22 – Comparison of Magnetic Fields at Edge of ROW for Segment 4 Section 5 Str. 128684 - 128685

Design Options	Left Edge (mG)	% Change[42]	Right Edge (mG)	% Change[43]
Projected Peak Values without Full-Rebuild Concept 115 kV T/L	17.291	N/A	17.444	N/A
Full-Rebuild Concept Peak Values 115 kV T/L	6.342	63%	6.583	62%

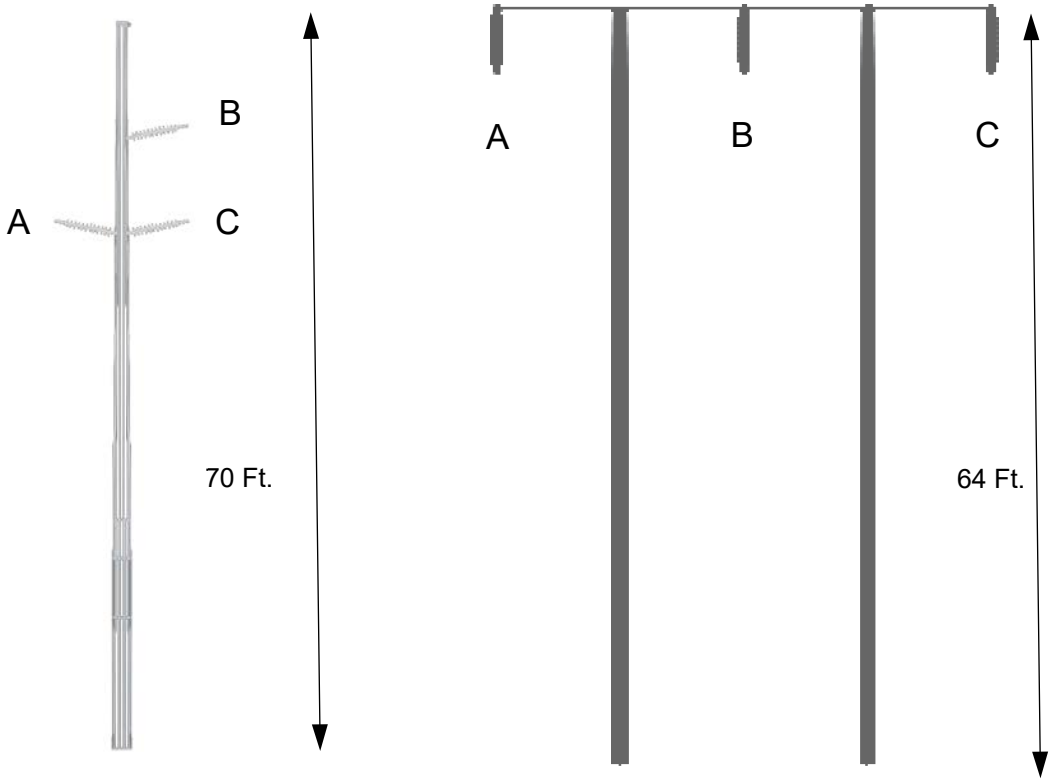
All calculations were made at a height of 3 feet all across the ROW.

Tower Height and Insulator Length
Height – 64 Ft. Length – 4.5 Ft.

Proposed Construction and Insulator Length
Height – 70 Ft. Length – 4 Ft.

[43] All data in Percent Change column is compared to the Projected Peak Values without the Full-Rebuild Concept

Figure 35 – Tower and Insulator Dimensions and Phasing



Full-Rebuild Concept:
Single Circuit – Monopole
Figure not to Scale

Existing:
Single Circuit – H-Frame
Figure not to Scale

Segment 4 Section 6

Figure 36 - Typical Magnetic Field Levels for Segment 4 Section 6 Structure 128699 – Structure 128716, Str. 128712 -128713 at 260 Amps

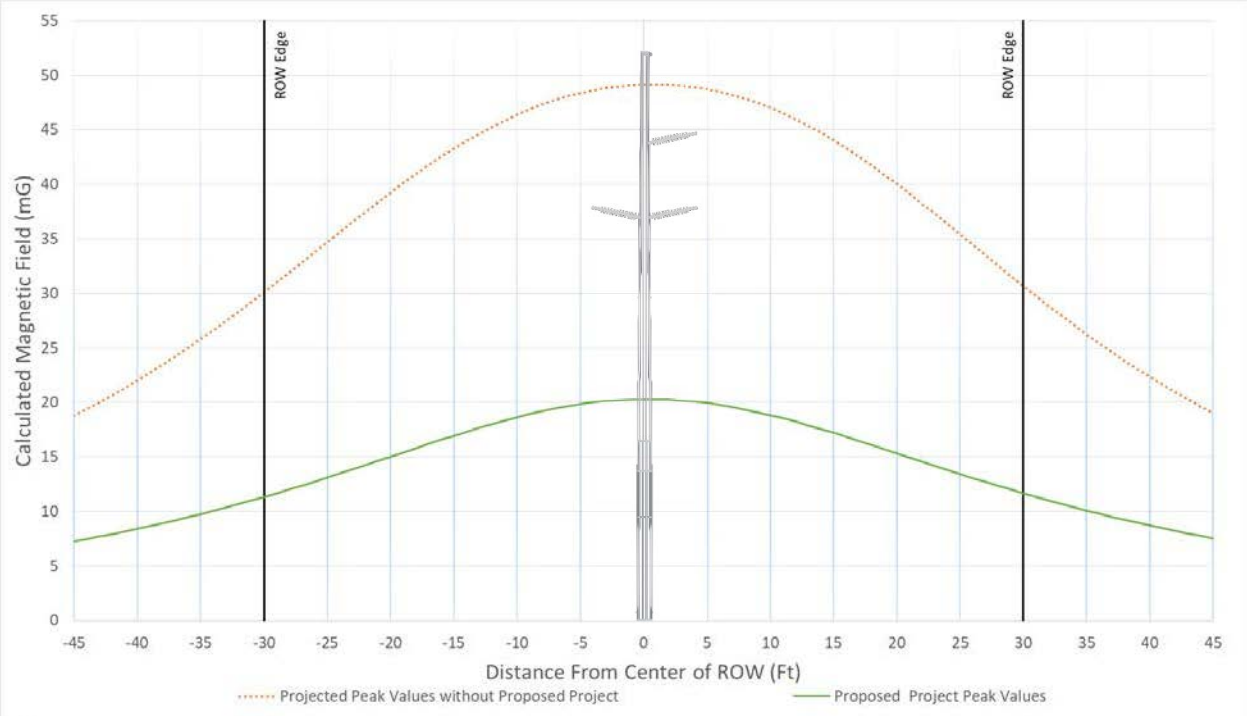


Table 23 – Comparison of Magnetic Fields at Edge of ROW for Segment 4 Section 6 Str. 128712 -128713

Design Options	Left Edge (mG)	% Change[43]	Right Edge (mG)	% Change[44]
Projected Peak Values without Full-Rebuild Concept 115 kV T/L	30.091	N/A	30.673	N/A
Full-Rebuild Concept Peak Values 115 kV T/L	11.32	62%	11.664	62%

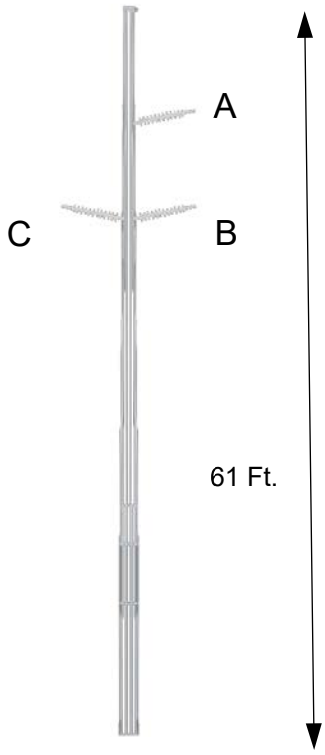
All calculations were made at a height of 3 feet all across the ROW.

Tower Height and Insulator Length
Height –53 Ft. Length – 4.5 Ft.

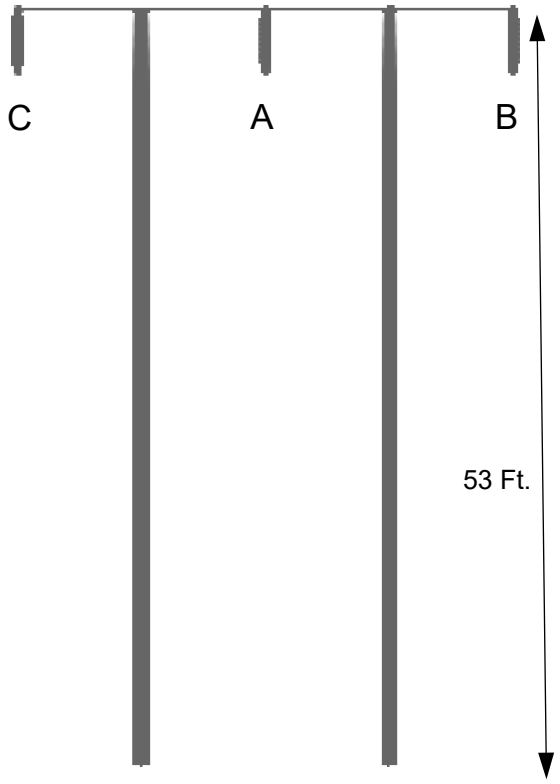
Proposed Construction and Insulator Length
Height – 61 Ft. Length – 4 Ft.

[44] All data in Percent Change column is compared to the Projected Peak Values without the Full-Rebuild Concept

Figure 37 – Tower and Insulator Dimensions and Phasing



Full-Rebuild Concept:
Single Circuit – Monopole
Figure not to Scale



Existing:
Single Circuit – H-Frame
Figure not to Scale

Segment 4 Section 7

Figure 38 - Typical Magnetic Field Levels for Segment 4 Section 7 Structure 128716 – Dunn Siding Substation, Str. 128730 - 128731 at 260 Amps

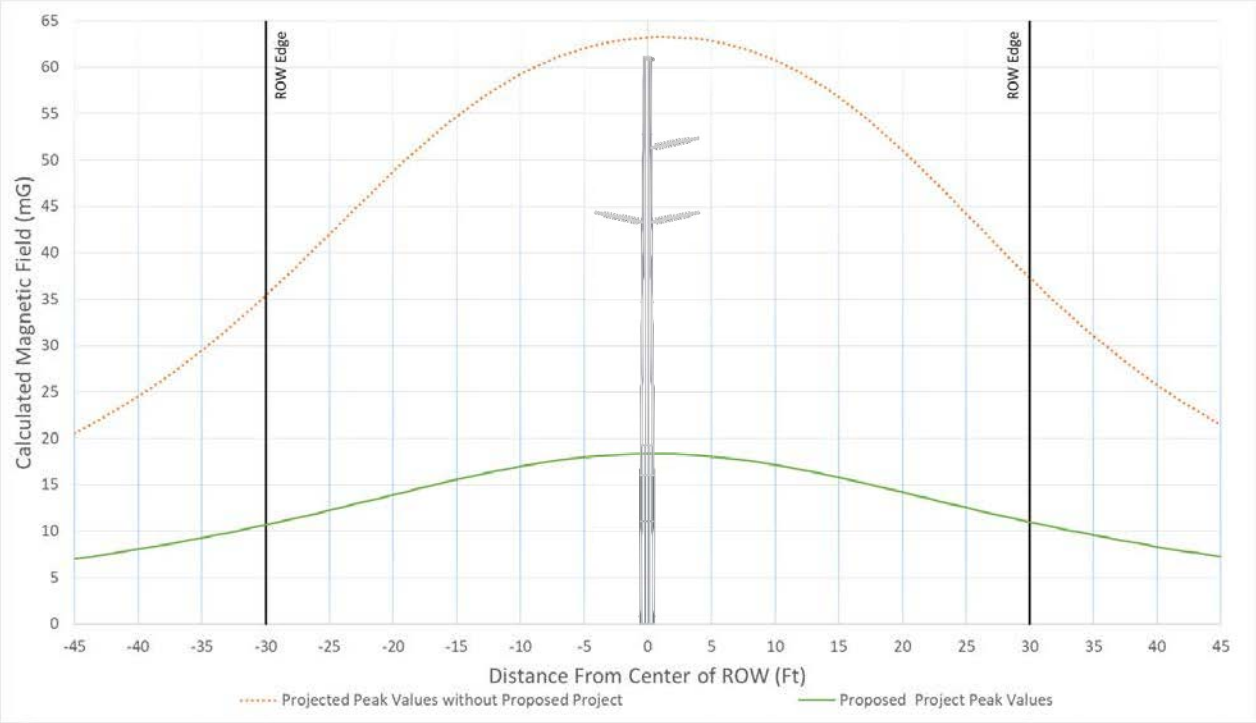


Table 24 – Comparison of Magnetic Fields at Edge of ROW for Segment 4 Section 7 Str. 128730 - 128731

Design Options	Left Edge (mG)	% Change[44]	Right Edge (mG)	% Change[45]
Projected Peak Values without Full-Rebuild Concept 115 kV T/L	35.377	N/A	37.289	N/A
Full-Rebuild Concept Peak Values 115 kV T/L	10.681	70%	10.988	71%

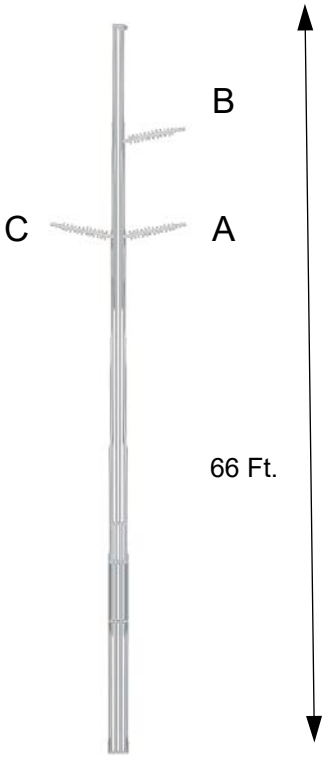
All calculations were made at a height of 3 feet all across the ROW.

Tower Height and Insulator Length
Height – 52 Ft. Length – 4.5 Ft.

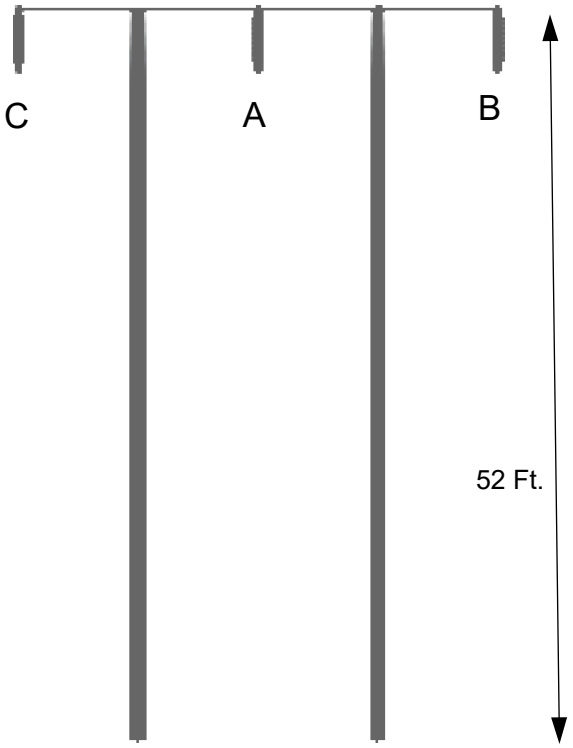
Proposed Construction and Insulator Length
Height – 66 Ft. Length – 4 Ft.

[45] All data in Percent Change column is compared to the Projected Peak Values without the Full-Rebuild Concept

Figure 39 – Tower and Insulator Dimensions and Phasing



Full-Rebuild Concept:
Single Circuit – Monopole
Figure not to Scale



Existing:
Single Circuit – H-Frame
Figure not to Scale

Segment 4 Section 8

Figure 40 - Typical Magnetic Field Levels for Segment 4 Section 8 Dunn Siding Substation – Structure 128753, Str. 128745 - 128746 at 270 Amps

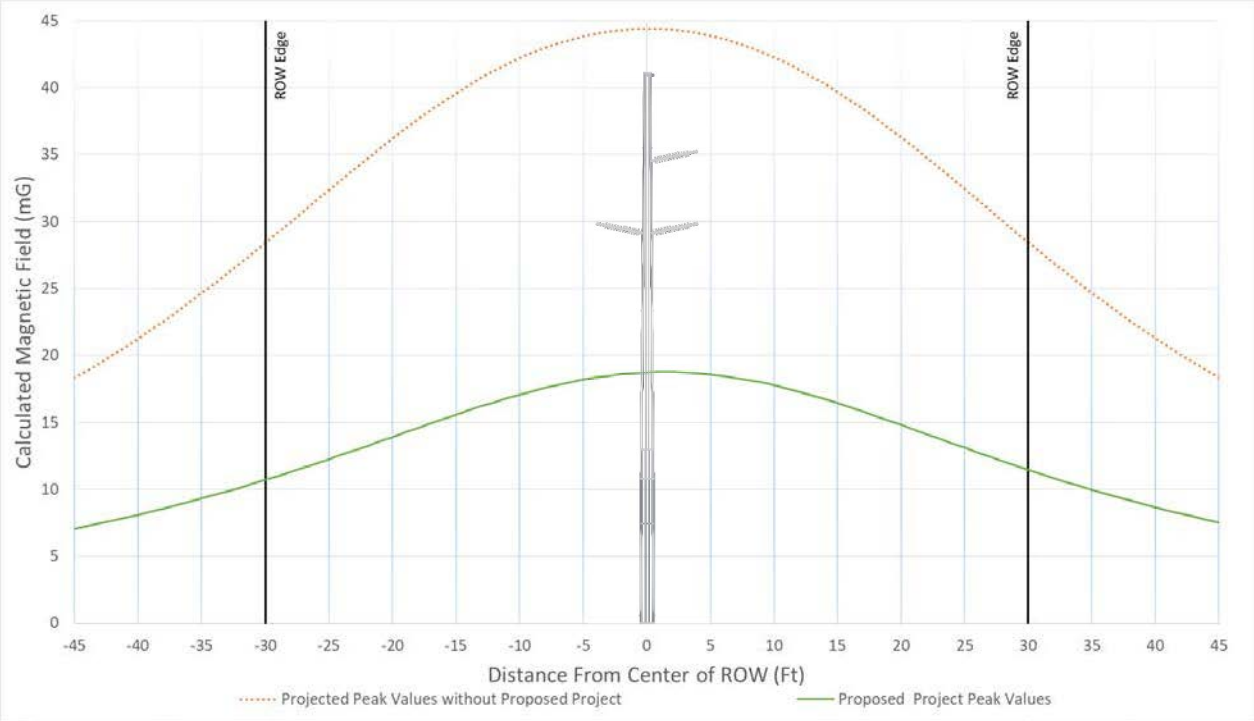


Table 25 – Comparison of Magnetic Fields at Edge of ROW for Segment 4 Section 8 Str. 128745 - 128746

Design Options	Left Edge (mG)	% Change[45]	Right Edge (mG)	% Change[46]
Projected Peak Values without Full-Rebuild Concept 115 kV T/L	28.398	N/A	28.46	N/A
Full-Rebuild Concept Peak Values 115 kV T/L	10.701	62%	11.452	60%

All calculations were made at a height of 3 feet all across the ROW.

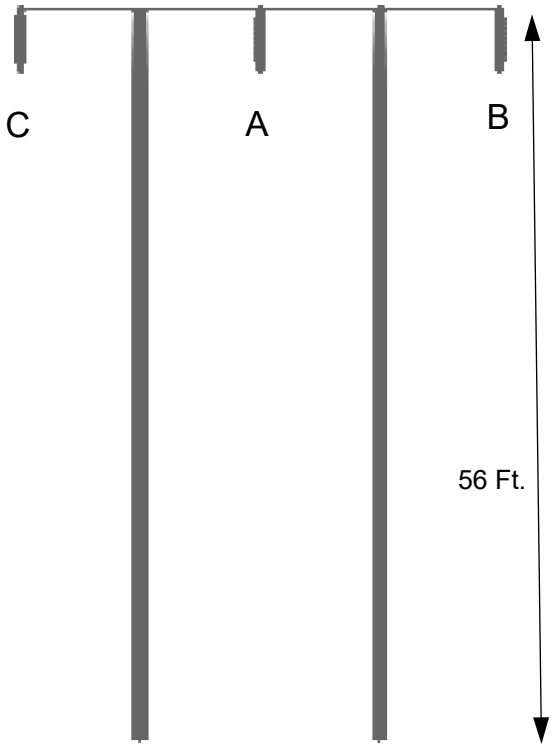
Tower Height and Insulator Length
Height – 56 Ft. Length – 4.5 Ft.

Proposed Construction and Insulator Length
Height – 65 Ft. Length – 4 Ft.

[46] All data in Percent Change column is compared to the Projected Peak Values without the Full-Rebuild Concept

Figure 41 – Tower and Insulator Dimensions and Phasing

Full-Rebuild Concept:
Single Circuit – Monopole
Figure not to Scale



Existing:
Single Circuit – H-Frame
Figure not to Scale

Segment 4 Section 9

Figure 42 - Typical Magnetic Field Levels for Segment 4 Section 9 Structure 128753 – Structure 128774, Str. 128770 - 128771 at 270 Amps

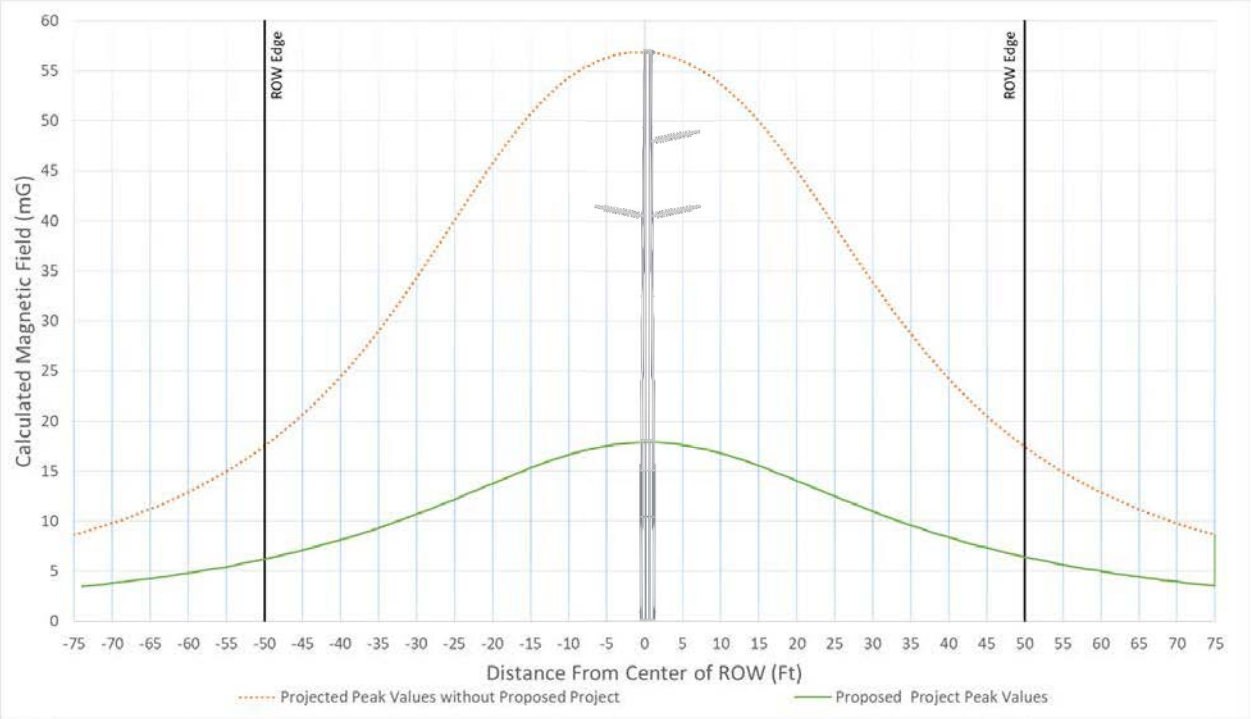


Table 26 – Comparison of Magnetic Fields at Edge of ROW for Segment 4 Section 9 Str. 128770 - 128771

Design Options	Left Edge (mG)	% Change[46]	Right Edge (mG)	% Change[47]
Projected Peak Values without Full-Rebuild Concept 115 kV T/L	17.518	N/A	17.426	N/A
Full-Rebuild Concept Peak Values 115 kV T/L	6.384	64%	6.275	64%

All calculations were made at a height of 3 feet all across the ROW.

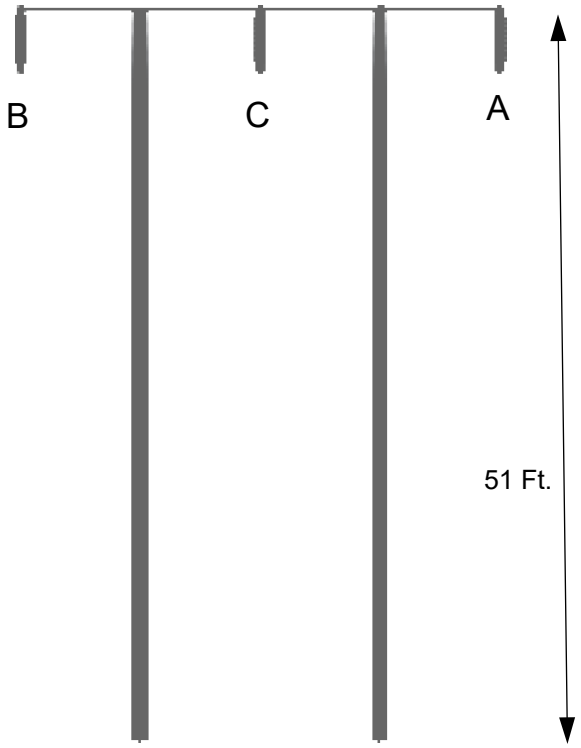
Tower Height and Insulator Length
Height – 51 Ft. Length – 4.5 Ft.

Proposed Construction and Insulator Length
Height – 61 Ft. Length – 4 Ft.

[47] All data in Percent Change column is compared to the Projected Peak Values without the Full-Rebuild Concept

Figure 43 – Tower and Insulator Dimensions and Phasing

Full-Rebuild Concept:
Single Circuit – Monopole
Figure not to Scale



Existing:
Single – H-Frame
Figure not to Scale

Segment 4 Section 10

Figure 44 - Typical Magnetic Field Levels for Segment 4 Section 10 Structure 128774 – Structure 128817, Str. 128804 - 128805 at 270 Amps

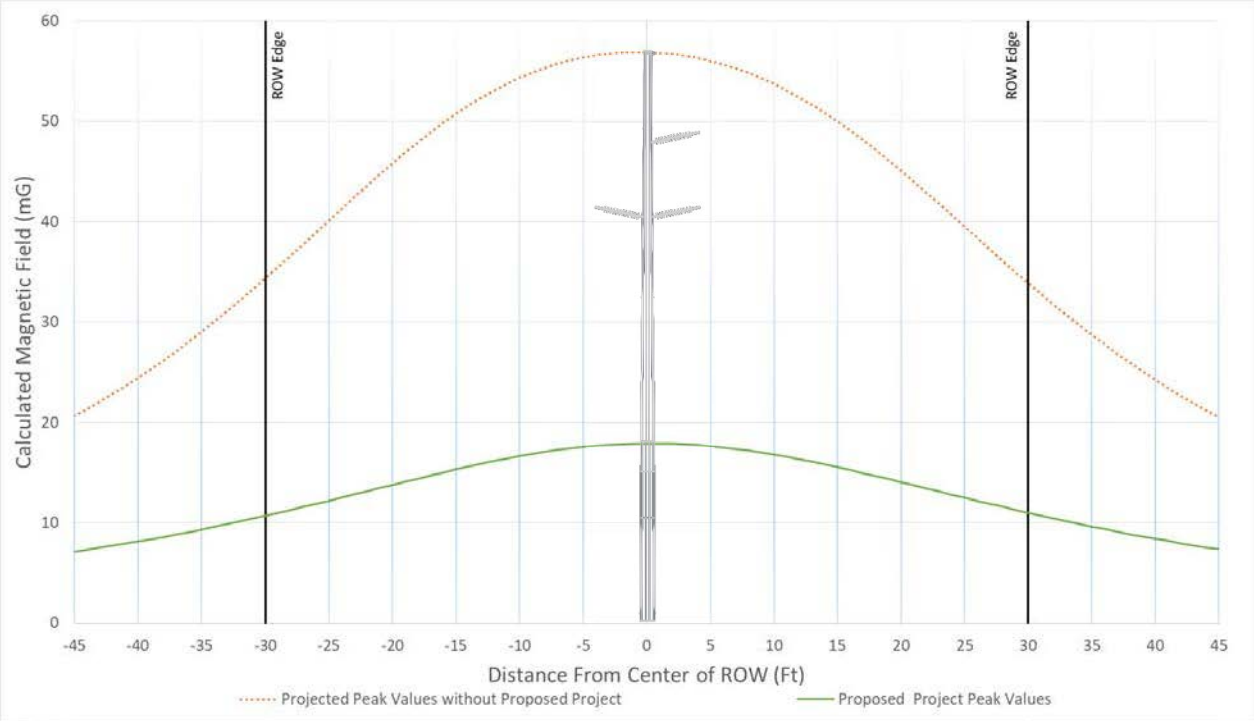


Table 27 – Comparison of Magnetic Fields at Edge of ROW for Segment 4 Section 10 Str. 128804 - 128805

Design Options	Left Edge (mG)	% Change[47]	Right Edge (mG)	% Change[48]
Projected Peak Values without Full-Rebuild Concept 115 kV T/L	34.329	N/A	33.864	N/A
Full-Rebuild Concept Peak Values 115 kV T/L	10.685	69%	10.982	68%

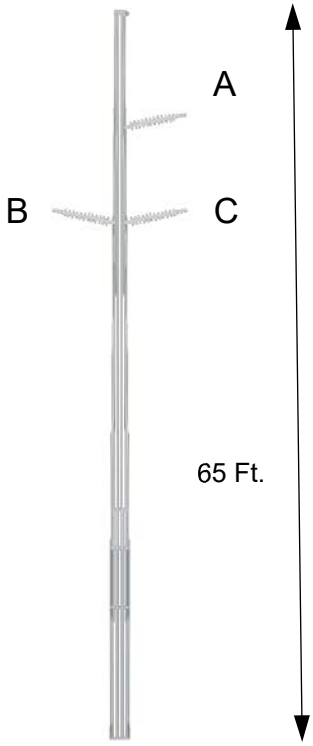
All calculations were made at a height of 3 feet all across the ROW.

Tower Height and Insulator Length
Height – 49 Ft. Length – 4.5 Ft.

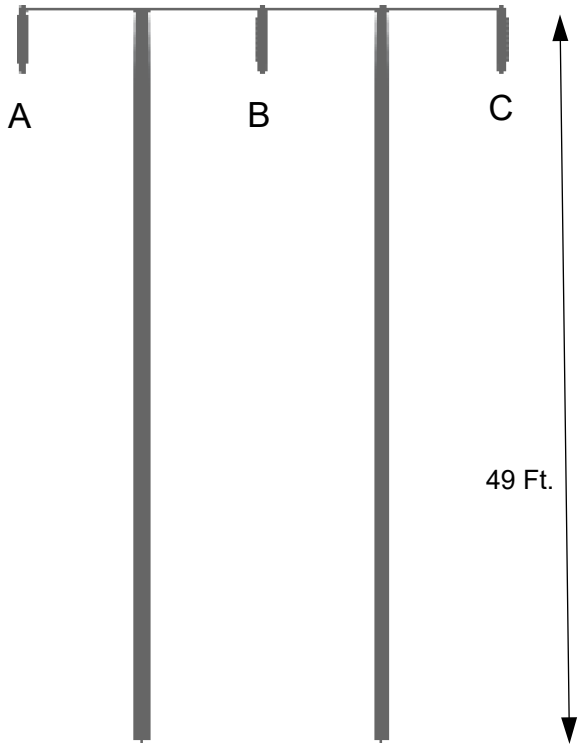
Proposed Construction and Insulator Length
Height – 65 Ft. Length – 4 Ft.

[48] All data in Percent Change column is compared to the Projected Peak Values without the Full-Rebuild Concept

Figure 45 – Tower and Insulator Dimensions and Phasing



Full-Rebuild Concept:
Single Circuit – Monopole
Figure not to Scale



Existing:
Single Circuit – H-Frame
Figure not to Scale

Segment 4 Section 11

Figure 46 - Typical Magnetic Field Levels for Segment 4 Section 11 Structure 128817 – Structure 128840, Str. 128825 - 128826 at 270 Amps

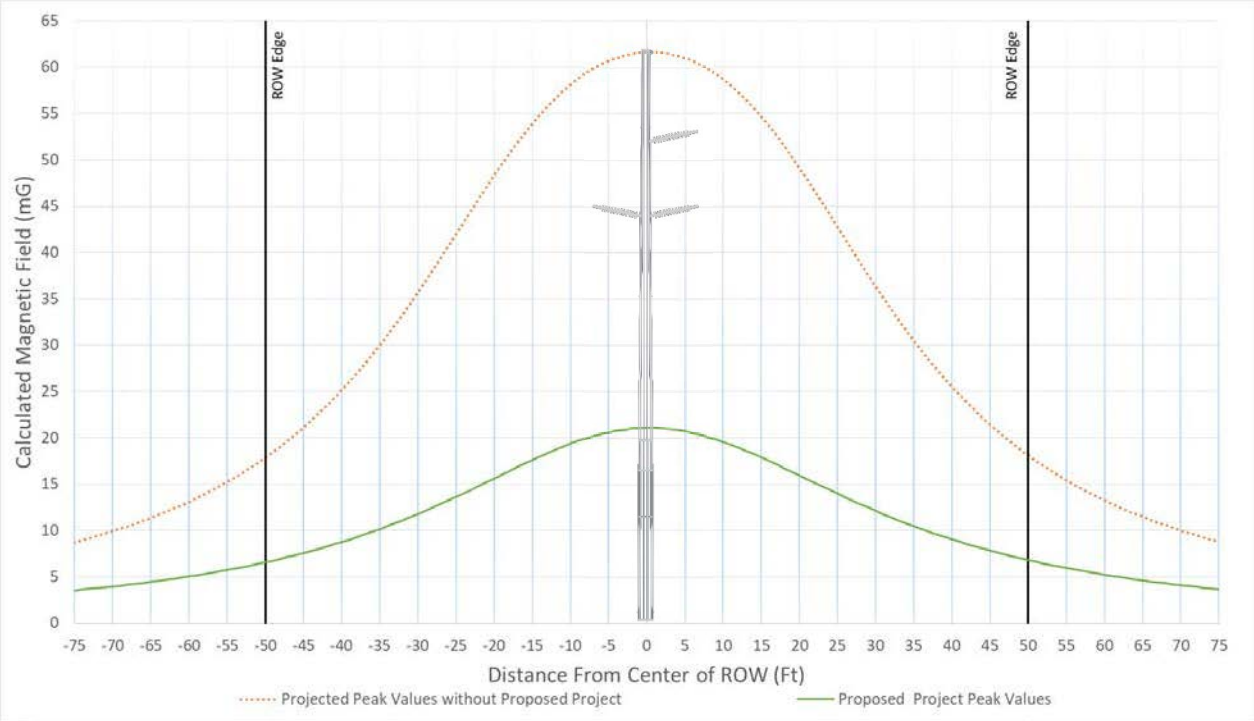


Table 28 – Comparison of Magnetic Fields at Edge of ROW for Segment 4 Section 11 Str. 128825 - 128826

Design Options	Left Edge (mG)	% Change[48]	Right Edge (mG)	% Change[49]
Projected Peak Values without Full-Rebuild Concept 115 kV T/L	17.859	N/A	18.074	N/A
Full-Rebuild Concept Peak Values 115 kV T/L	6.564	63%	6.813	62%

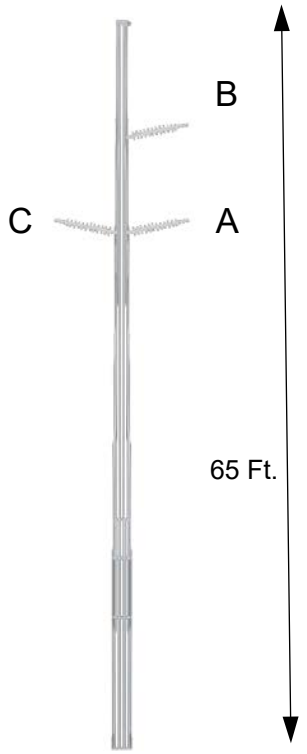
All calculations were made at a height of 3 feet all across the ROW.

Tower Height and Insulator Length
Height – 52 Ft. Length – 4.5 Ft.

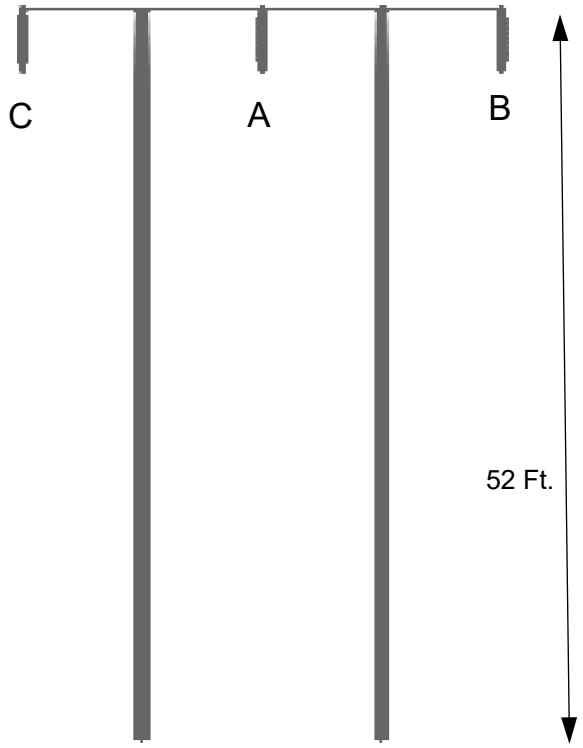
Proposed Construction and Insulator Length
Height – 65 Ft. Length – 4 Ft.

[49] All data in Percent Change column is compared to the Projected Peak Values without the Full-Rebuild Concept

Figure 47 – Tower and Insulator Dimensions and Phasing



Full-Rebuild Concept:
Single Circuit – Monopole
Figure not to Scale



Existing:
Single Circuit – H-Frame
Figure not to Scale

Segment 4 Section 12

Figure 48 - Typical Magnetic Field Levels for Segment 4 Section 12 Structure 128840 – Structure 128882, Str. 128867 - 128868 at 270 Amps

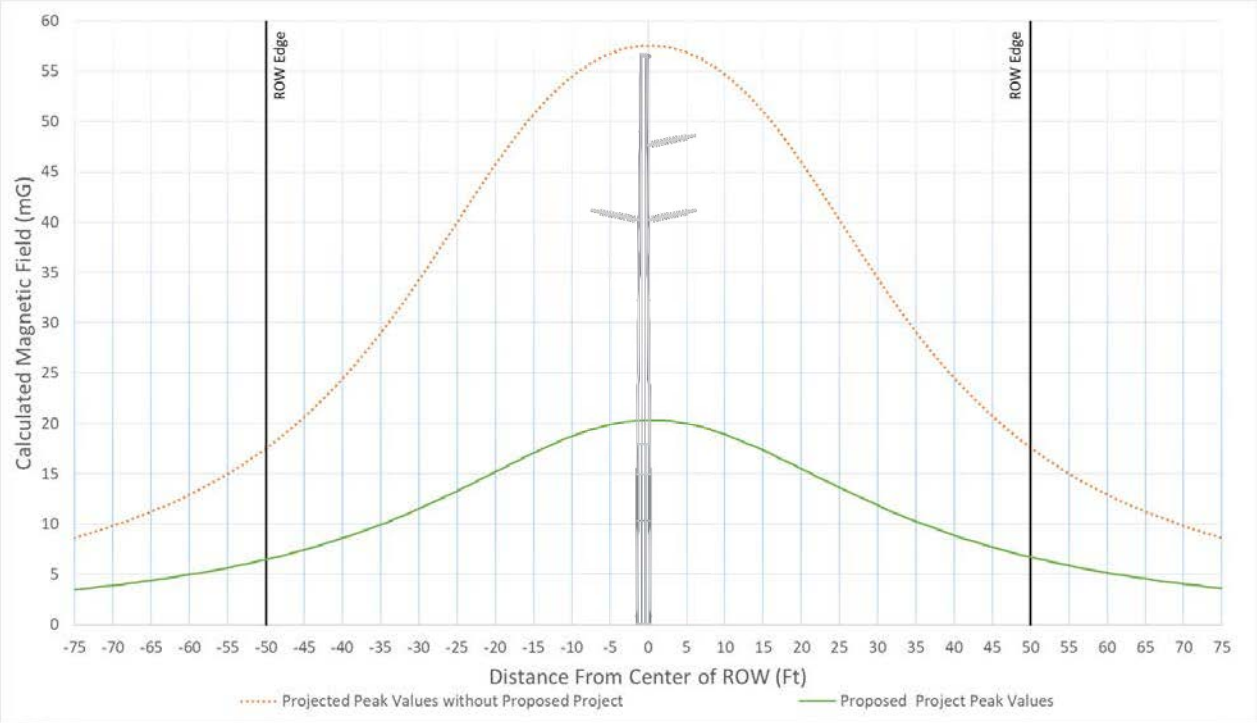


Table 29 – Comparison of Magnetic Fields at Edge of ROW for Segment 4 Section 12 Str. 128867 - 128868

Design Options	Left Edge (mG)	% Change[49]	Right Edge (mG)	% Change[50]
Projected Peak Values without Full-Rebuild Concept 115 kV T/L	17.528	N/A	17.556	N/A
Full-Rebuild Concept Peak Values 115 kV T/L	6.489	63%	6.732	62%

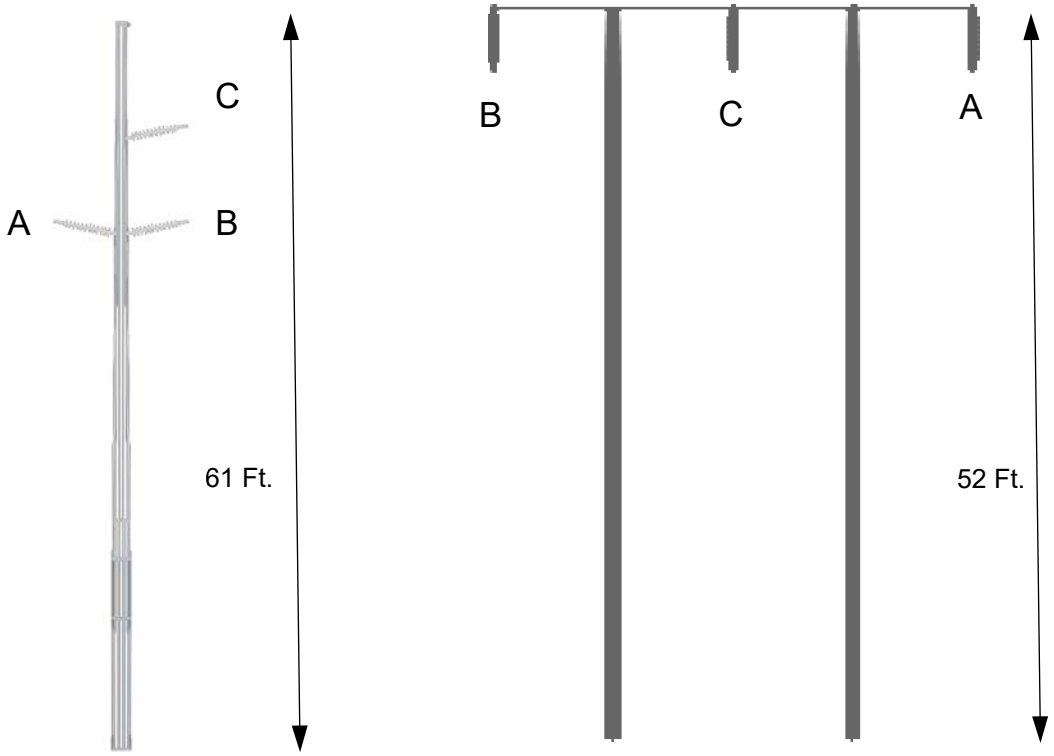
All calculations were made at a height of 3 feet all across the ROW.

Tower Height and Insulator Length
Height – 52 Ft. Length – 4.5 Ft.

Proposed Construction and Insulator Length
Height – 61 Ft. Length – 4 Ft.

[50] All data in Percent Change column is compared to the Projected Peak Values without the Full-Rebuild Concept

Figure 49 – Tower and Insulator Dimensions and Phasing



Full-Rebuild Concept:
Single Circuit – Monopole
Figure not to Scale

Existing:
Single Circuit – H-Frame
Figure not to Scale

Segment 4 Section 13

Figure 50 - Typical Magnetic Field Levels for Segment 4 Section 13 Structure 128882 – Structure 128904, Str. 128885 - 128886 at 270 Amps

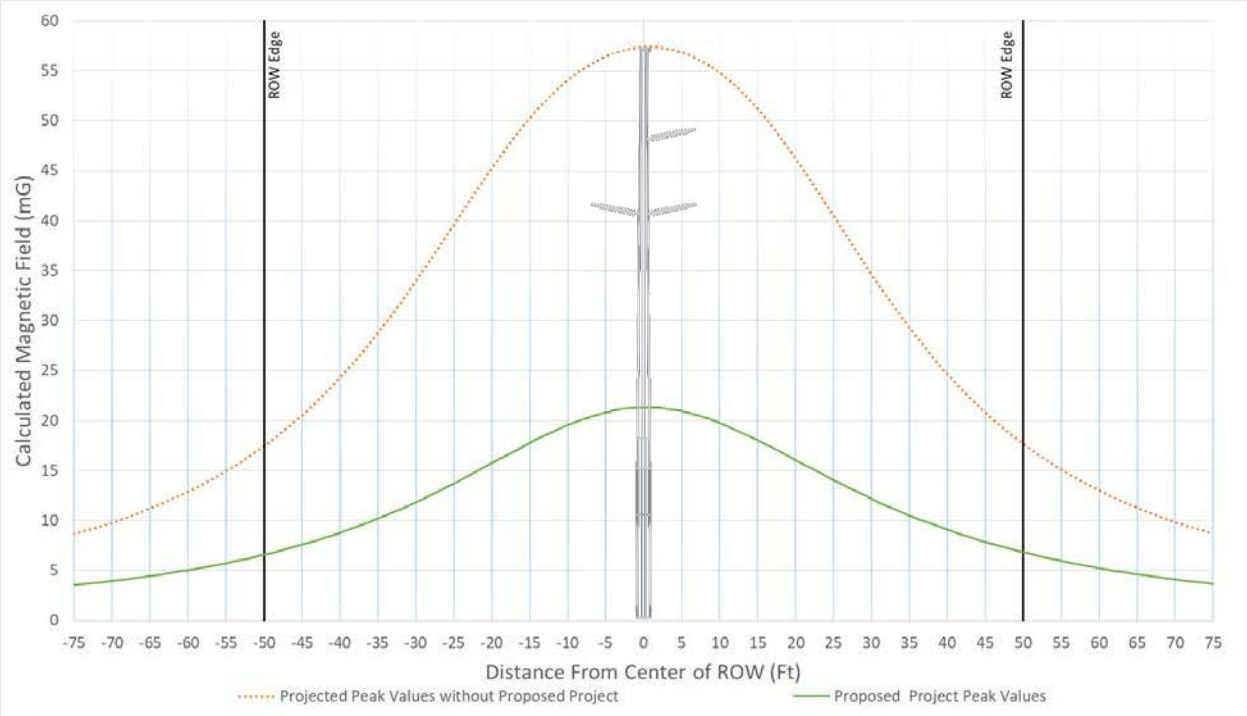


Table 30 – Comparison of Magnetic Fields at Edge of ROW for Segment 4 Section 13 Str. 128885 - 128886

Design Options	Left Edge (mG)	% Change[50]	Right Edge (mG)	% Change[51]
Projected Peak Values without Full-Rebuild Concept 115 kV T/L	17.446	N/A	17.641	N/A
Full-Rebuild Concept Peak Values 115 kV T/L	6.587	62%	6.838	61%

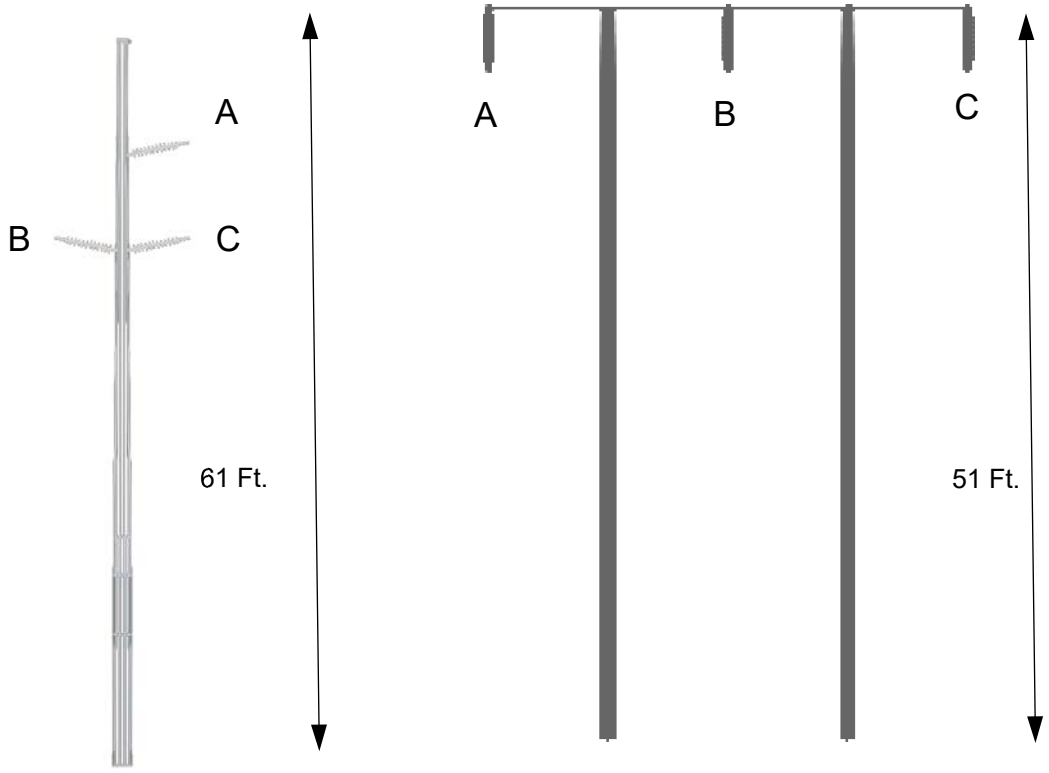
All calculations were made at a height of 3 feet all across the ROW.

Tower Height and Insulator Length
Height – 51 Ft. Length – 4.5 Ft.

Proposed Construction and Insulator Length
Height – 61 Ft. Length – 4 Ft.

[51] All data in Percent Change column is compared to the Projected Peak Values without the Full-Rebuild Concept

Figure 51 – Tower and Insulator Dimensions and Phasing



Full-Rebuild Concept:
Single Circuit – Monopole
Figure not to Scale

Existing:
Single Circuit – H-Frame
Figure not to Scale

Segment 4 Section 14

Figure 52 - Typical Magnetic Field Levels for Segment 4 Section 14 Structure 128904 – Baker Substation, Str. 128917 - 128918 at 270 Amps

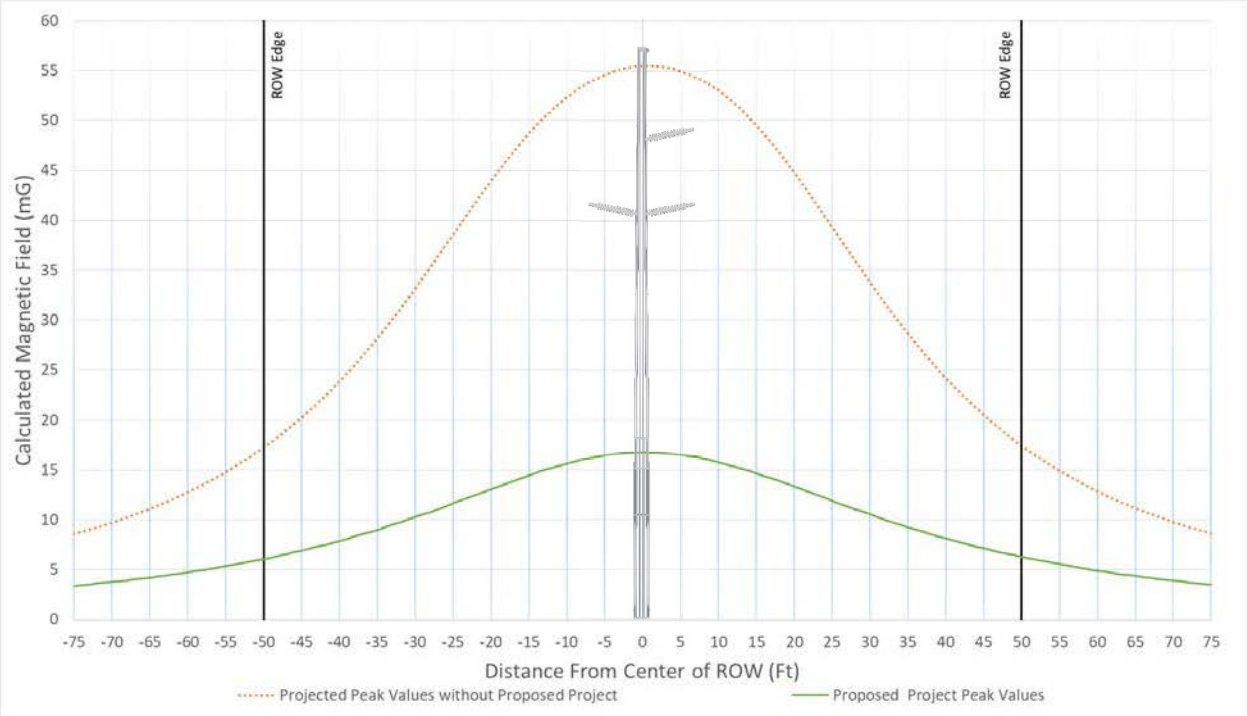


Table 31 – Comparison of Magnetic Fields at Edge of ROW for Segment 4 Section 14 Str. 128966 - 128967

Design Options	Left Edge (mG)	% Change[51]	Right Edge (mG)	% Change[52]
Projected Peak Values without Full-Rebuild Concept 115 kV T/L	17.224	N/A	17.403	N/A
Full-Rebuild Concept Peak Values 115 kV T/L	6.074	65%	6.284	64%

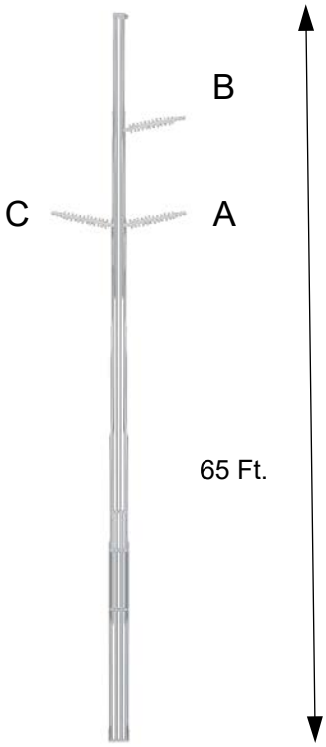
All calculations were made at a height of 3 feet all across the ROW.

Tower Height and Insulator Length
Height – 52 Ft. Length – 4.5 Ft.

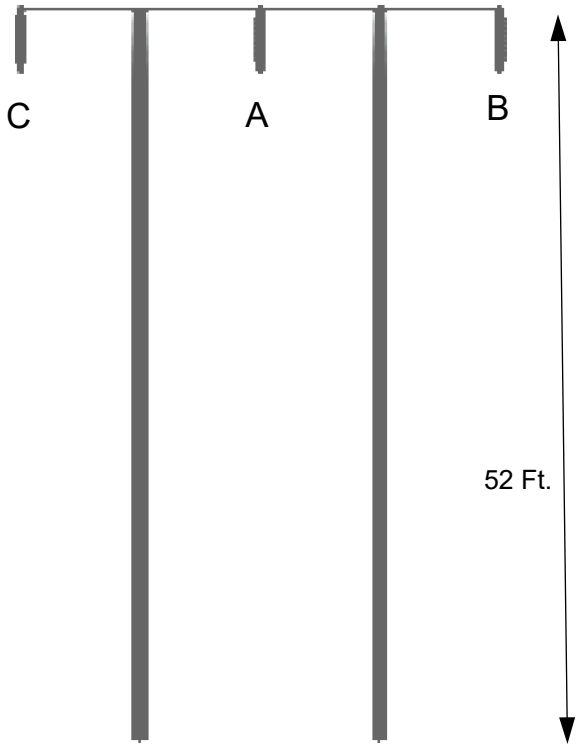
Proposed Construction and Insulator Length
Height – 65 Ft. Length – 4 Ft.

[52] All data in Percent Change column is compared to the Projected Peak Values without the Full-Rebuild Concept

Figure 53 – Tower and Insulator Dimensions and Phasing



Full-Rebuild Concept:
Single Circuit – Monopole
Figure not to Scale



Existing:
Single Circuit – H-Frame
Figure not to Scale

Segment 4 Section 15

Figure 54 - Typical Magnetic Field Levels for Segment 4 Section 15 Baker Substation – Structure 128949, Str. 128939 - 128940 at 315 Amps

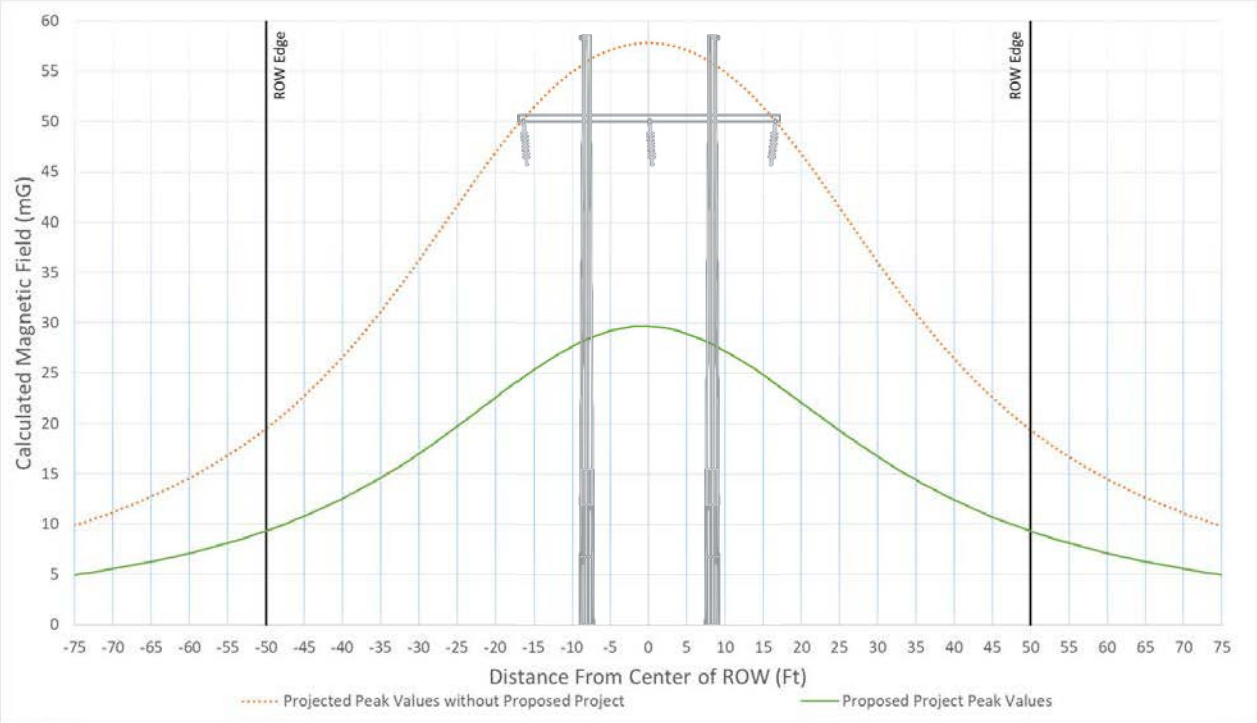


Table 32 – Comparison of Magnetic Fields at Edge of ROW for Segment 4 Section 15 Str. 128966 - 128967

Design Options	Left Edge (mG)	% Change[52]	Right Edge (mG)	% Change[53]
Projected Peak Values without Full-Rebuild Concept 115 kV T/L	19.764	N/A	19.624	N/A
Full-Rebuild Concept Peak Values 115 kV T/L	9.339	53%	9.311	53%

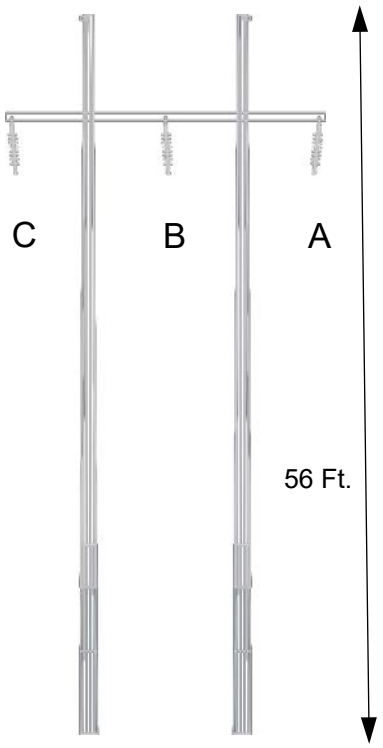
All calculations were made at a height of 3 feet all across the ROW.

Tower Height and Insulator Length
Height – 52 Ft. Length – 4.5 Ft.

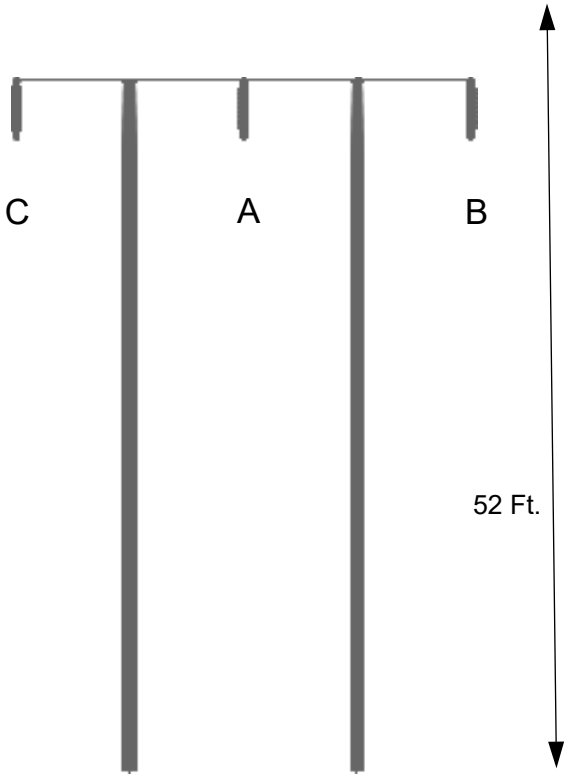
Proposed Construction and Insulator Length
Height – 56 Ft. Length – 4 Ft.

[53] All data in Percent Change column is compared to the Projected Peak Values without the Full-Rebuild Concept

Figure 55 – Tower and Insulator Dimensions and Phasing



Full-Rebuild Concept:
Single Circuit – H-Frame
Figure not to Scale



Existing:
Single Circuit – H-Frame
Figure not to Scale

Segment 4 Section 16

Figure 56 - Typical Magnetic Field Levels for Segment 4 Section 16 Structure 128949 – Structure 128971, Str. 128966 - 128967 at 315 Amps

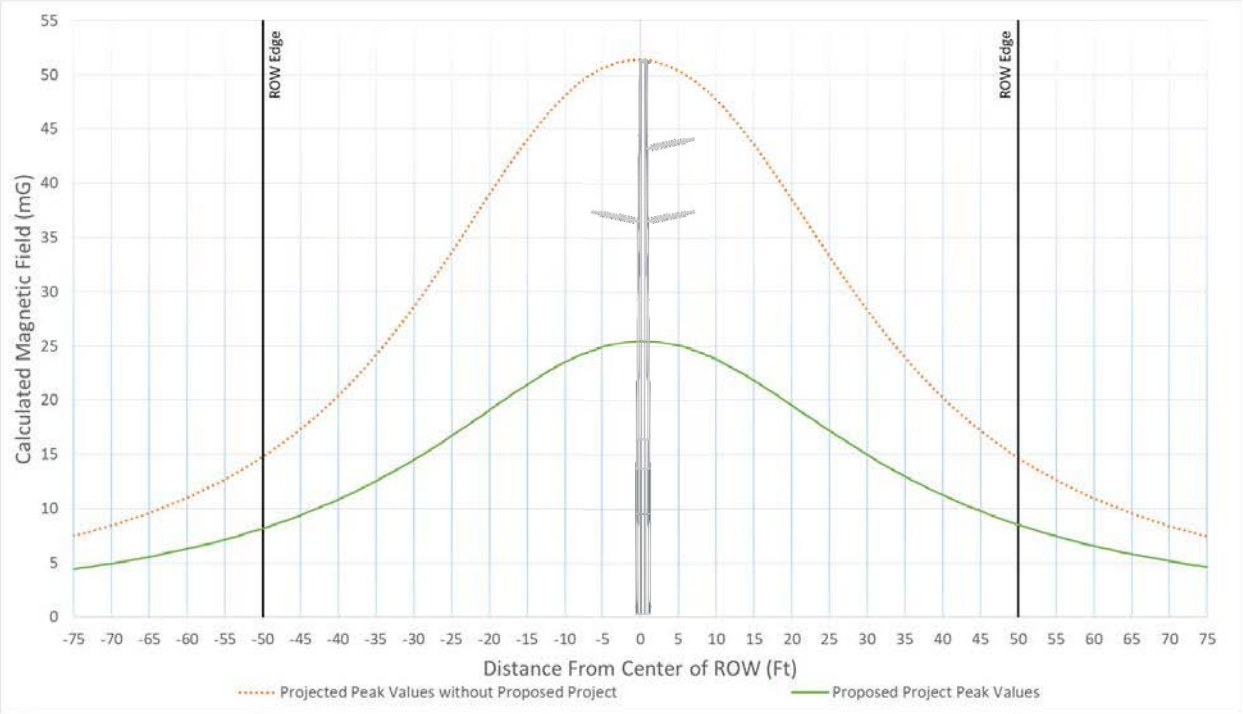


Table 33 – Comparison of Magnetic Fields at Edge of ROW for Segment 4 Section 16 Str. 128966 - 128967

Design Options	Left Edge (mG)	% Change[53]	Right Edge (mG)	% Change[54]
Projected Peak Values without Full-Rebuild Concept 115 kV T/L	14.781	N/A	14.668	N/A
Full-Rebuild Concept Peak Values 115 kV T/L	8.177	45%	8.524	42%

All calculations were made at a height of 3 feet all across the ROW.

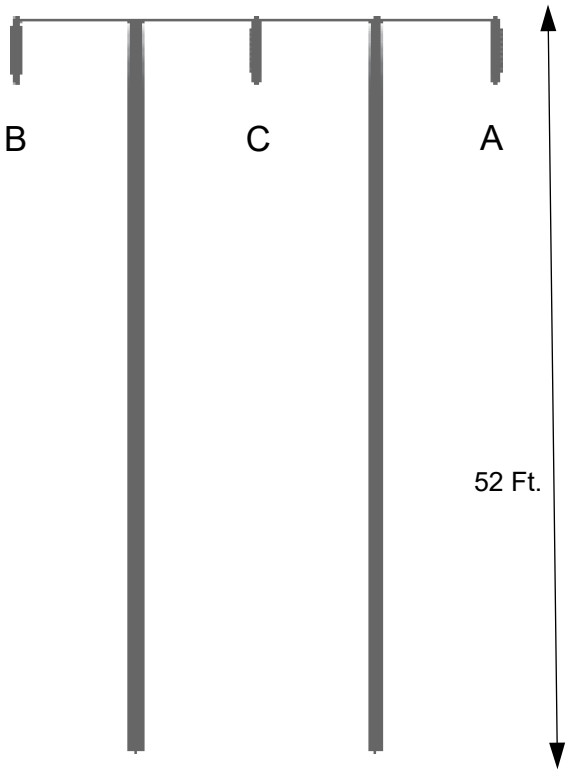
Tower Height and Insulator Length
Height – 52 Ft. Length – 4.5 Ft.

Proposed Construction and Insulator Length
Height – 61 Ft. Length – 4 Ft.

[54] All data in Percent Change column is compared to the Projected Peak Values without the Full-Rebuild Concept

Figure 57 – Tower and Insulator Dimensions and Phasing

Full-Rebuild Concept:
Single Circuit – Monopole
Figure not to Scale



Existing:
Single Circuit – H-Frame
Figure not to Scale

Segment 4 Section 17

Figure 58 - Typical Magnetic Field Levels for Segment 4 Section 17 Structure 128971 – Structure 1281015, Str. 128990 - 128991 at 315 Amps

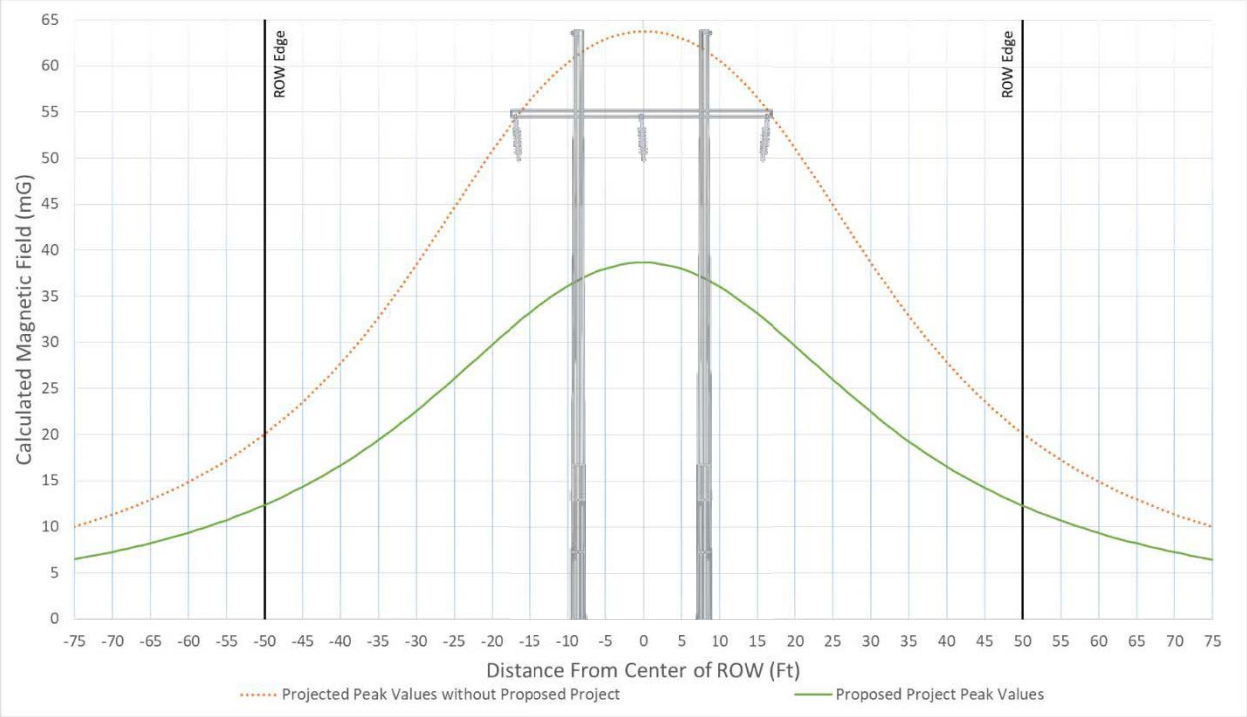


Table 34 – Comparison of Magnetic Fields at Edge of ROW for Segment 4 Section 17 Str. 128990 - 128991

Design Options	Left Edge (mG)	% Change[54]	Right Edge (mG)	% Change[55]
Projected Peak Values without Full-Rebuild Concept 115 kV T/L	20.036	N/A	20.097	N/A
Full-Rebuild Concept Peak Values 115 kV T/L	12.359	38%	12.292	39%

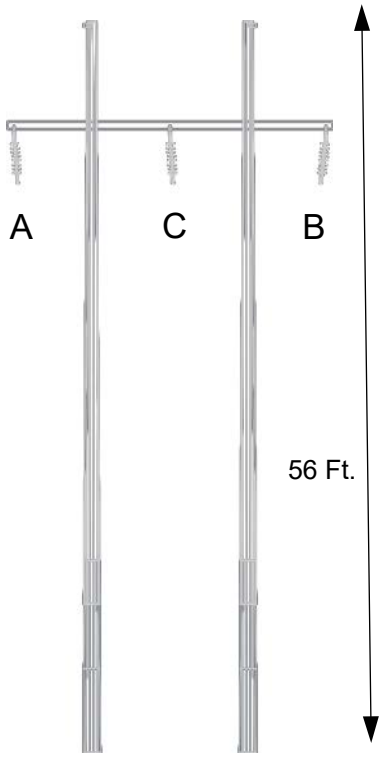
All calculations were made at a height of 3 feet all across the ROW.

Tower Height and Insulator Length
Height – 55 Ft. Length – 4.5 Ft.

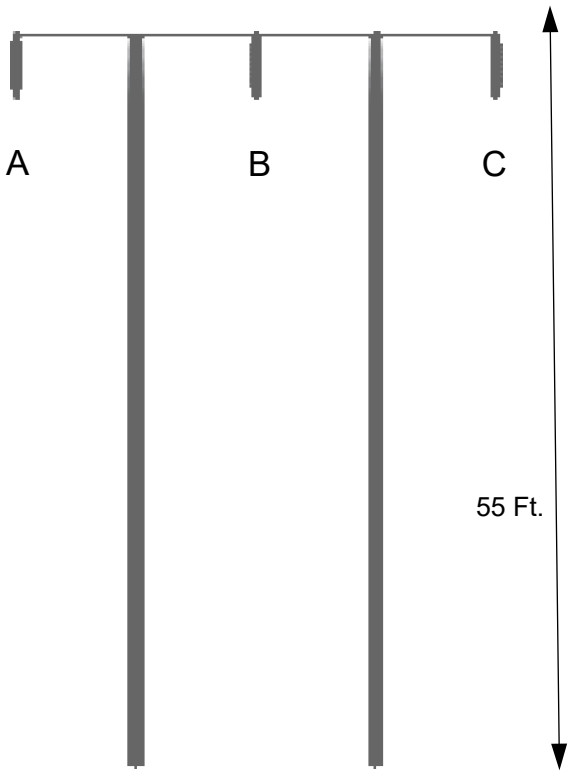
Proposed Construction and Insulator Length
Height – 56 Ft. Length – 4 Ft.

[55] All data in Percent Change column is compared to the Projected Peak Values without the Full-Rebuild Concept

Figure 59 – Tower and Insulator Dimensions and Phasing



Full-Rebuild Concept:
Single Circuit – H-Frame
Figure not to Scale



Existing:
Single Circuit – H-Frame
Figure not to Scale

Segment 4 Section 18

Figure 60 - Typical Magnetic Field Levels for Segment 4 Section 18 Structure 1281015 – Structure 1281039, Str. 1281018 - 1281019 at 315 Amps

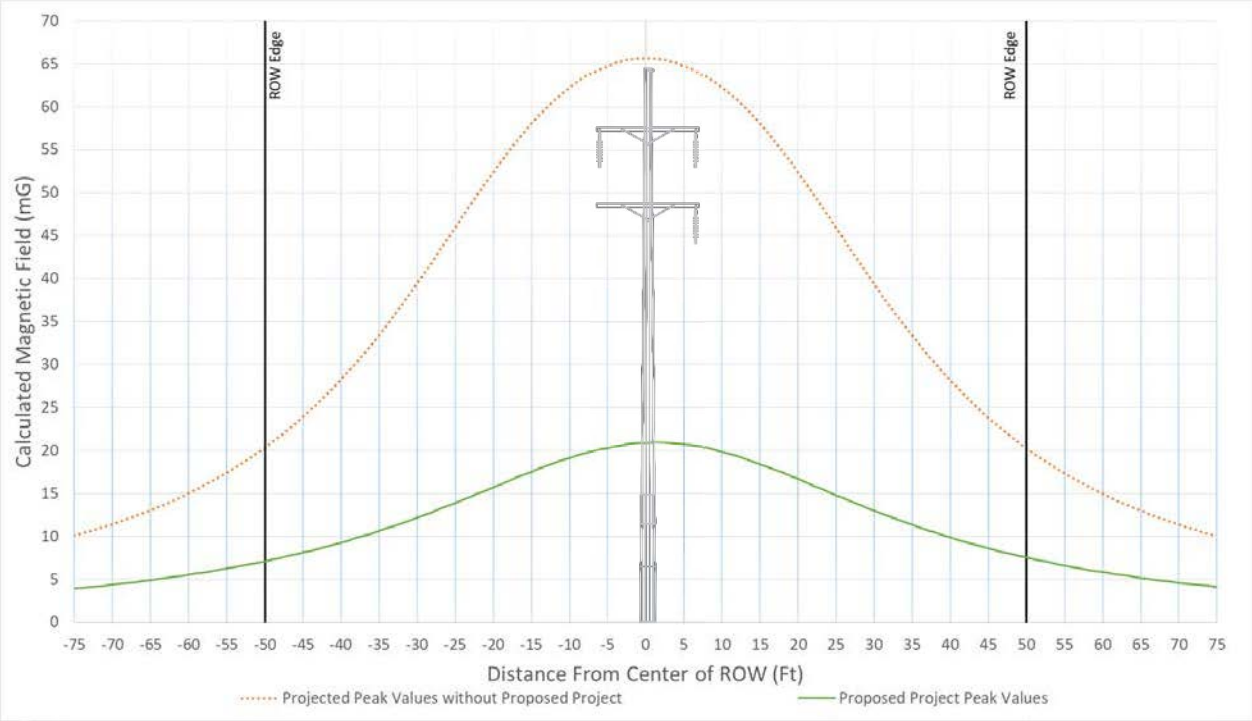


Table 35 – Comparison of Magnetic Fields at Edge of ROW for Segment 4 Section 18 Str. 1281018 - 1281019

Design Options	Left Edge (mG)	% Change[55]	Right Edge (mG)	% Change[56]
Projected Peak Values without Full-Rebuild Concept 115 kV T/L	20.31	N/A	20.211	N/A
Full-Rebuild Concept Peak Values 115 kV T/L	7.1	65%	7.53	63%

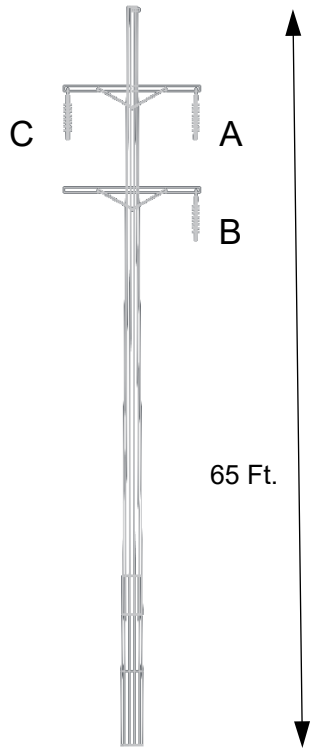
All calculations were made at a height of 3 feet all across the ROW.

Tower Height and Insulator Length
Height – 51 Ft. Length – 4.5 Ft.

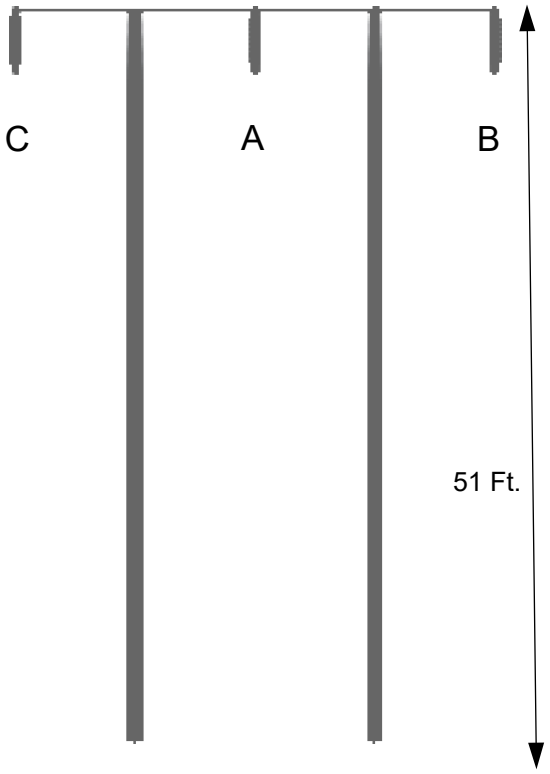
Proposed Construction and Insulator Length
Height – 65 Ft. Length – 4 Ft.

[56] All data in Percent Change column is compared to the Projected Peak Values without the Full-Rebuild Concept

Figure 61 – Tower and Insulator Dimensions and Phasing



Full-Rebuild Concept:
Single Circuit – Monopole
Figure not to Scale



Existing:
Single Circuit – H-Frame
Figure not to Scale

Segment 4 Section 19

Figure 62 - Typical Magnetic Field Levels for Segment 4 Section 19 Structure 1281039 – Structure 1281082, Str. 1281067 - 1281068 at 315 Amps

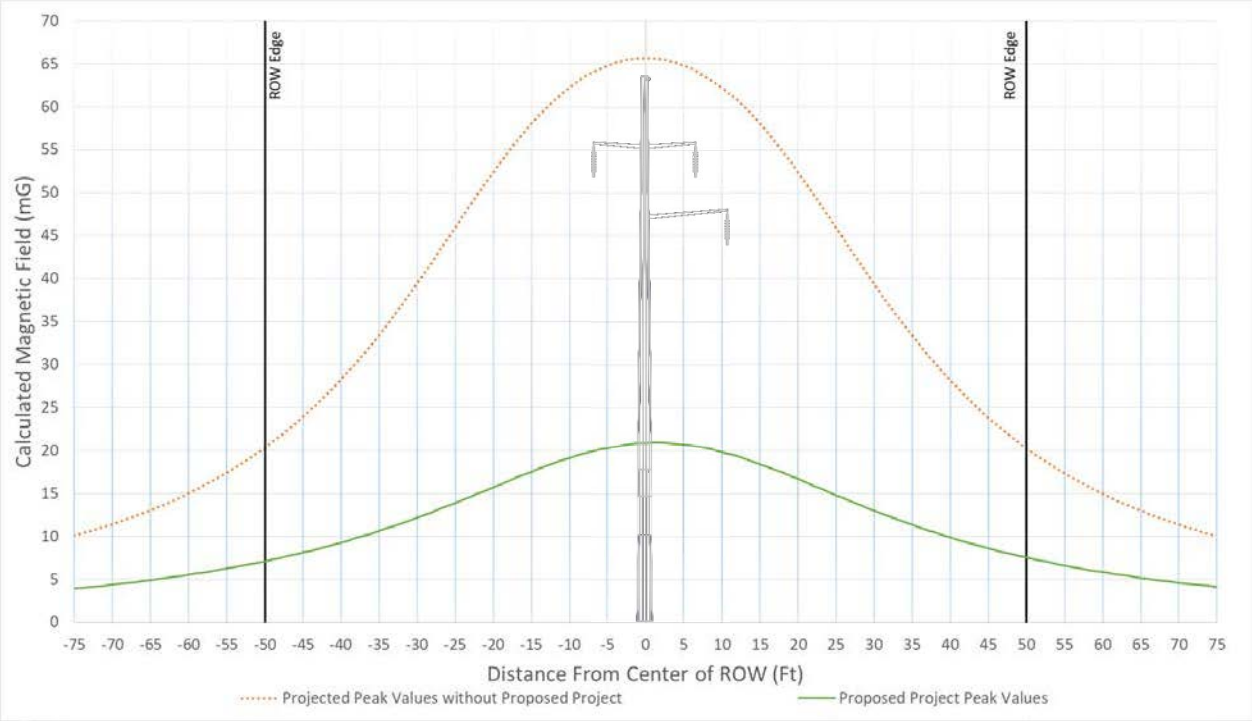


Table 36 – Comparison of Magnetic Fields at Edge of ROW for Segment 4 Section 19 Str. 1281067 - 1281068

Design Options	Left Edge (mG)	% Change[56]	Right Edge (mG)	% Change[57]
Projected Peak Values without Full-Rebuild Concept 115 kV T/L	20.41	N/A	20.333	N/A
Full-Rebuild Concept Peak Values 115 kV T/L	8.378	59%	9.742	52%

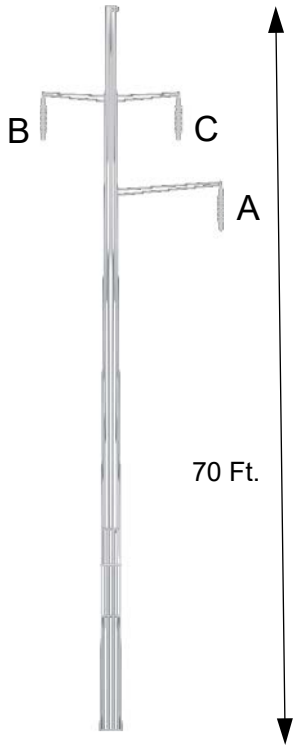
All calculations were made at a height of 3 feet all across the ROW.

Tower Height and Insulator Length
Height – 52 Ft. Length – 4.5 Ft.

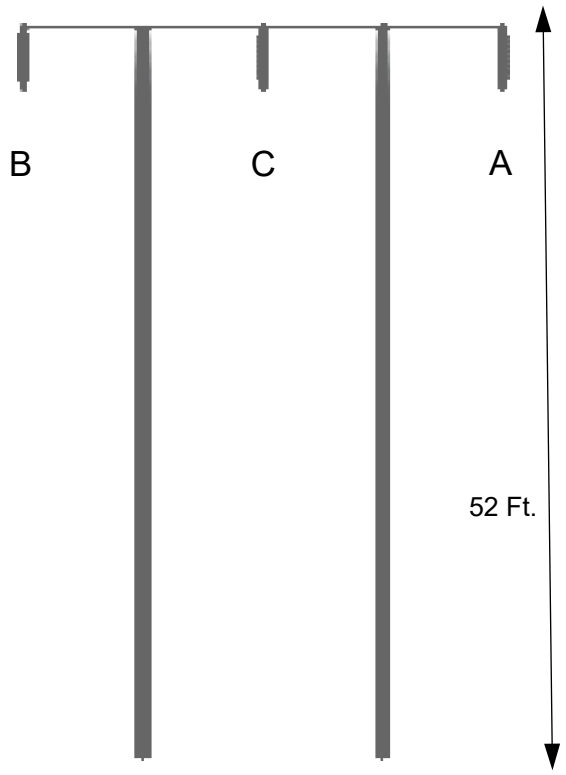
Proposed Construction and Insulator Length
Height – 70 Ft. Length – 4 Ft.

[57] All data in Percent Change column is compared to the Projected Peak Values without the Full-Rebuild Concept

Figure 63 – Tower and Insulator Dimensions and Phasing



Full-Rebuild Concept:
Single Circuit – Monopole
Figure not to Scale



Existing:
Single Circuit – H-Frame
Figure not to Scale

Segment 4 Section 20

Figure 64 - Typical Magnetic Field Levels for Segment 4 Section 20 Structure 1281082 – Structure 1281104, Str. 1281098 - 1281099 at 315 Amps

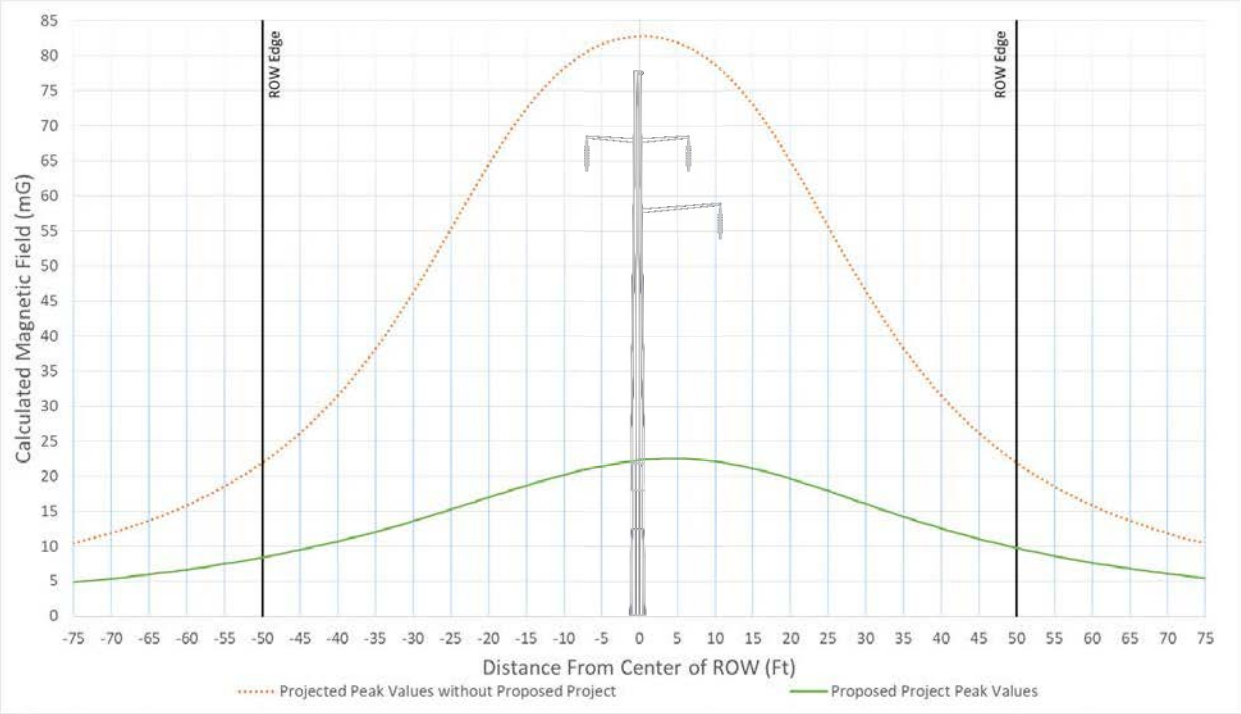


Table 37 – Comparison of Magnetic Fields at Edge of ROW for Segment 4 Section 20 Str. 1281098 - 1281099

Design Options	Left Edge (mG)	% Change[57]	Right Edge (mG)	% Change[58]
Projected Peak Values without Full-Rebuild Concept 115 kV T/L	21.89	N/A	21.848	N/A
Full-Rebuild Concept Peak Values 115 kV T/L	8.391	62%	9.753	55%

All calculations were made at a height of 3 feet all across the ROW.

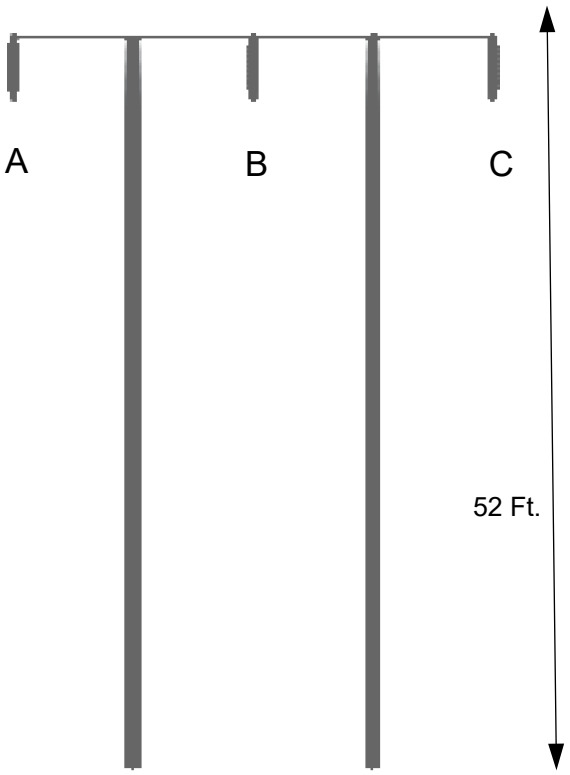
Tower Height and Insulator Length
Height – 52 Ft. Length – 4.5 Ft.

Proposed Construction and Insulator Length
Height – 70 Ft. Length – 4 Ft.

[58] All data in Percent Change column is compared to the Projected Peak Values without the Full-Rebuild Concept

Figure 65 – Tower and Insulator Dimensions and Phasing

Full-Rebuild Concept:
Single Circuit – Monopole
Figure not to Scale



Existing:
Single Circuit – H-Frame
Figure not to Scale

Segment 4 Section 21

Figure 66 - Typical Magnetic Field Levels for Segment 4 Section 21 Structure 1281104 – Structure 1281146, Str. 1281145 - 1281146 at 315 Amps

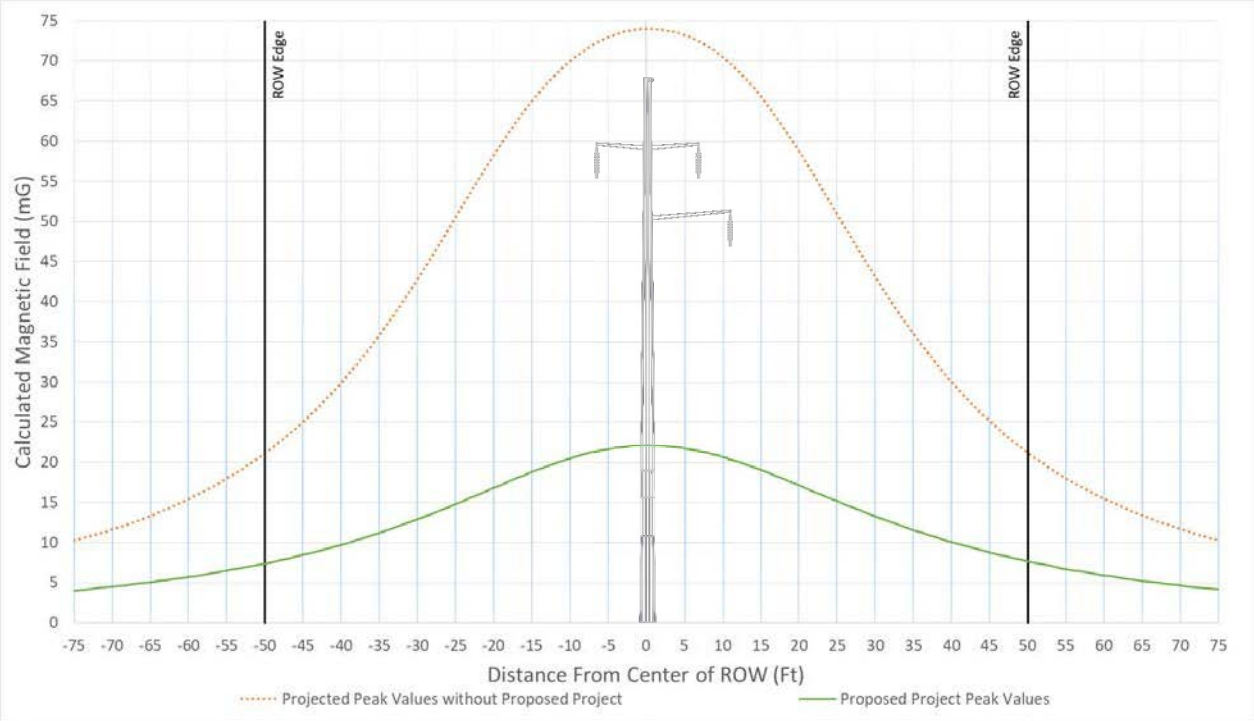


Table 38 – Comparison of Magnetic Fields at Edge of ROW for Segment 4 Section 21 Str. 1281145 - 1281146

Design Options	Left Edge (mG)	% Change[58]	Right Edge (mG)	% Change[59]
Projected Peak Values without Full-Rebuild Concept 115 kV T/L	21.114	N/A	21.203	N/A
Full-Rebuild Concept Peak Values 115 kV T/L	7.401	65%	7.671	64%

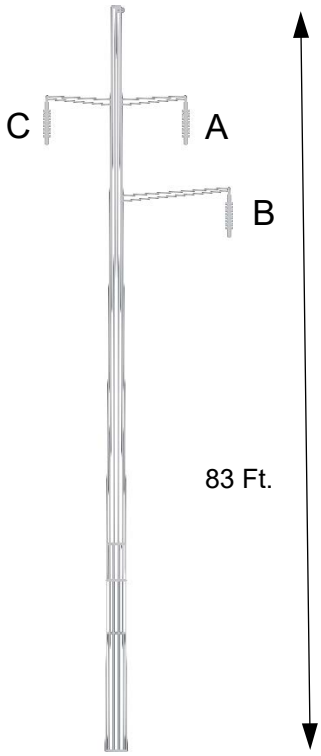
All calculations were made at a height of 3 feet all across the ROW.

Tower Height and Insulator Length
Height – 51 Ft. Length – 4.5 Ft.

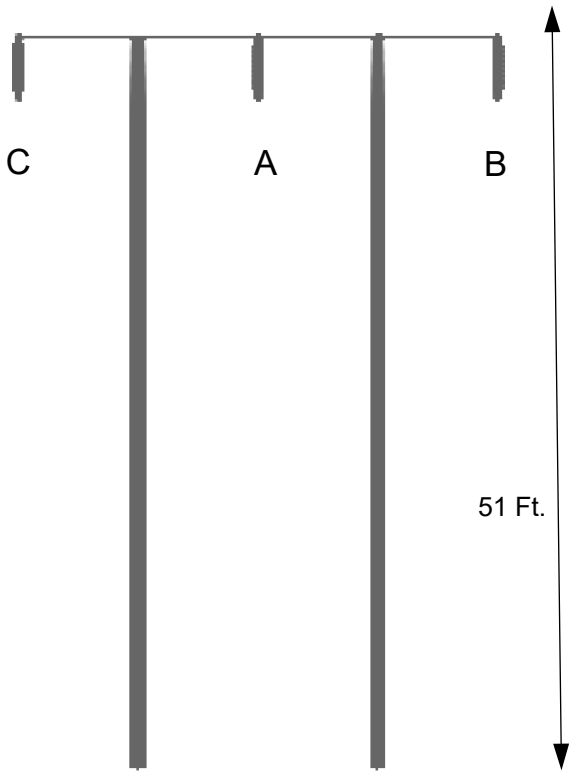
Proposed Construction and Insulator Length
Height – 83 Ft. Length – 4 Ft.

[59] All data in Percent Change column is compared to the Projected Peak Values without the Full-Rebuild Concept

Figure 67 – Tower and Insulator Dimensions and Phasing



Full-Rebuild Concept:
Single Circuit – Monopole
Figure not to Scale



Existing:
Single Circuit – H-Frame
Figure not to Scale

Segment 4 Section 22

Figure 68 - Typical Magnetic Field Levels for Segment 4 Section 22 Structure 1281146 – Structure 1281167, Str. 1281154 – 1281155 at 315 Amps

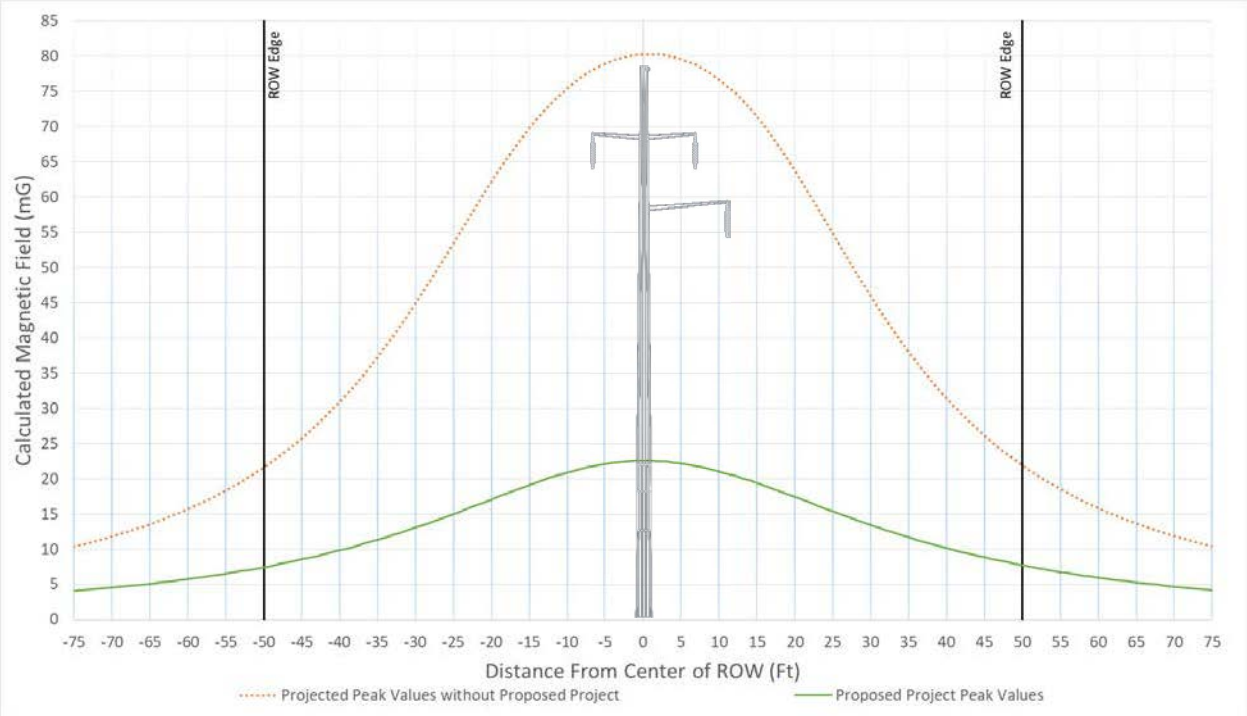


Table 39 – Comparison of Magnetic Fields at Edge of ROW for Segment 4 Section 22 Str. 1281154 – 1281155

Design Options	Left Edge (mG)	% Change[59]	Right Edge (mG)	% Change[60]
Projected Peak Values without Full-Rebuild Concept 115 kV T/L	21.624	N/A	21.855	N/A
Full-Rebuild Concept Peak Values 115 kV T/L	7.451	66%	7.725	65%

All calculations were made at a height of 3 feet all across the ROW.

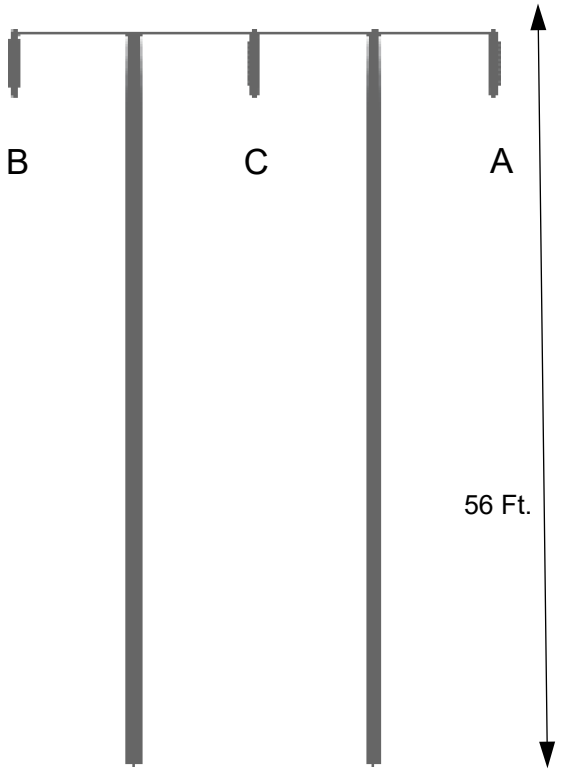
Tower Height and Insulator Length
Height – 56 Ft. Length – 4.5 Ft.

Proposed Construction and Insulator Length
Height – 70 Ft. Length – 4 Ft.

[60] All data in Percent Change column is compared to the Projected Peak Values without the Full-Rebuild Concept

Figure 69 – Tower and Insulator Dimensions and Phasing

Full-Rebuild Concept:
Single Circuit – Monopole
Figure not to Scale



Existing:
Single Circuit – H-Frame
Figure not to Scale

Segment 4 Section 23

Figure 70 - Typical Magnetic Field Levels for Segment 4 Section 23 Structure 1281167 – Mountain Pass Substation, Str. 1281175 - 1281176 at 315 Amps

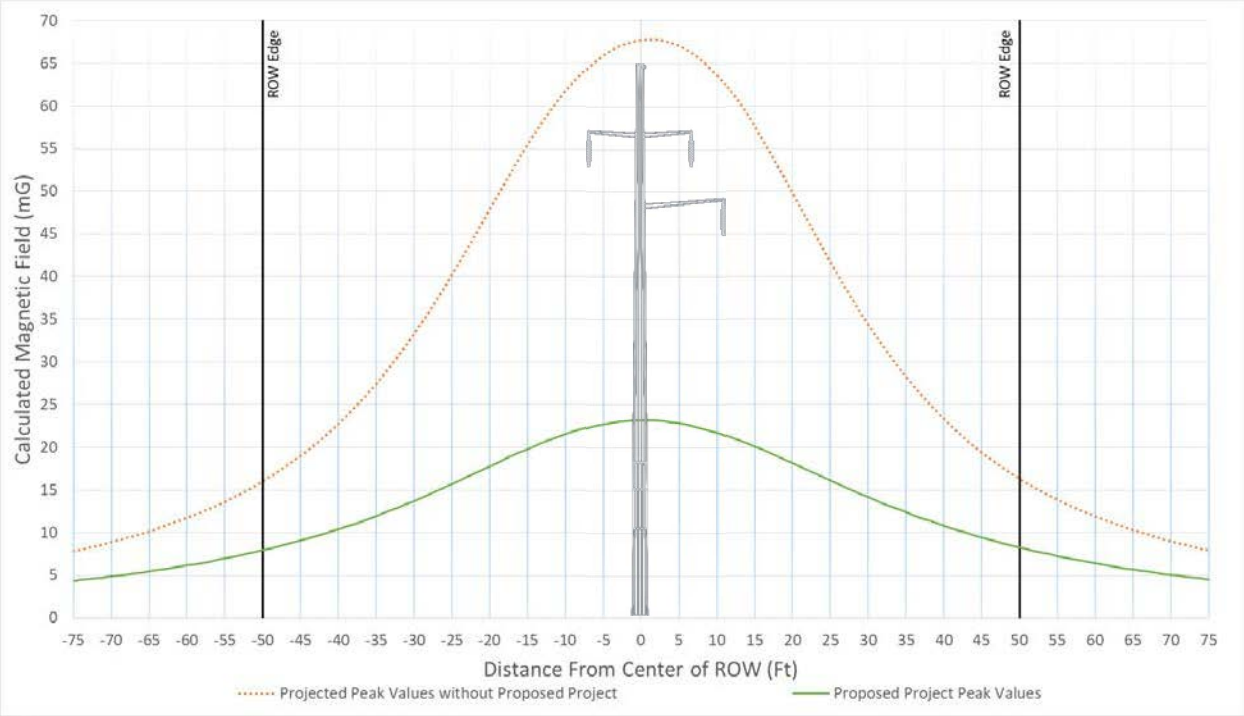


Table 40 – Comparison of Magnetic Fields at Edge of ROW for Segment 4 Section 23 Str. 1281175 - 1281176

Design Options	Left Edge (mG)	% Change[60]	Right Edge (mG)	% Change[61]
Projected Peak Values without Full-Rebuild Concept 115 kV T/L	15.977	N/A	16.315	N/A
Full-Rebuild Concept Peak Values 115 kV T/L	7.923	50%	8.246	49%

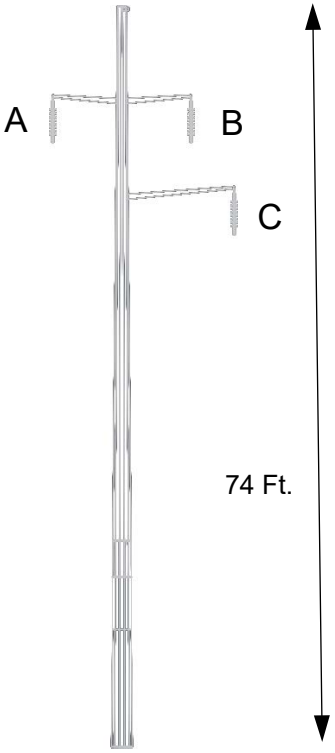
All calculations were made at a height of 3 feet all across the ROW.

Tower Height and Insulator Length
Height – 53 Ft. Length – 4.5 Ft.

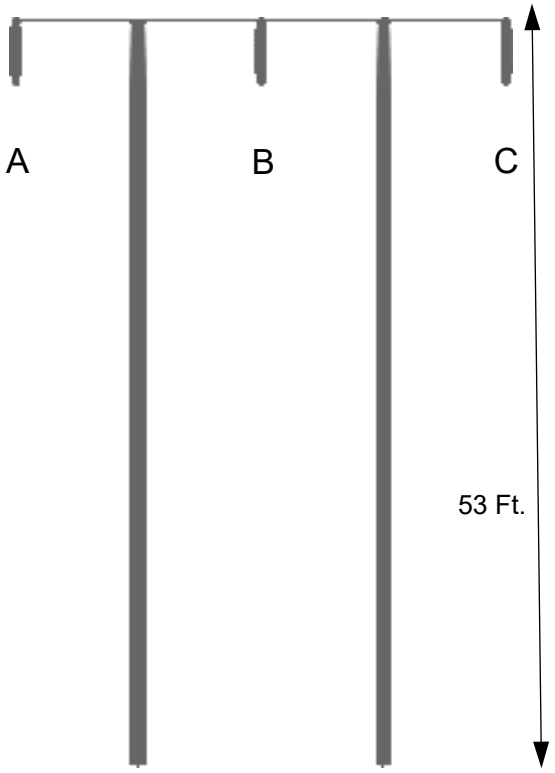
Proposed Construction and Insulator Length
Height – 74 Ft. Length – 4 Ft.

[61] All data in Percent Change column is compared to the Projected Peak Values without the Full-Rebuild Concept

Figure 71 – Tower and Insulator Dimensions and Phasing



Full-Rebuild Concept:
Single Circuit – Monopole
Figure not to Scale



Existing:
Single Circuit – H-Frame
Figure not to Scale

Segment 4 Section 24

Figure 72 - Typical Magnetic Field Levels for Segment 4 Section 24 Mountain Pass Substation – Structure 1281210, Str. 1281198 - 1281199 at 330 Amps

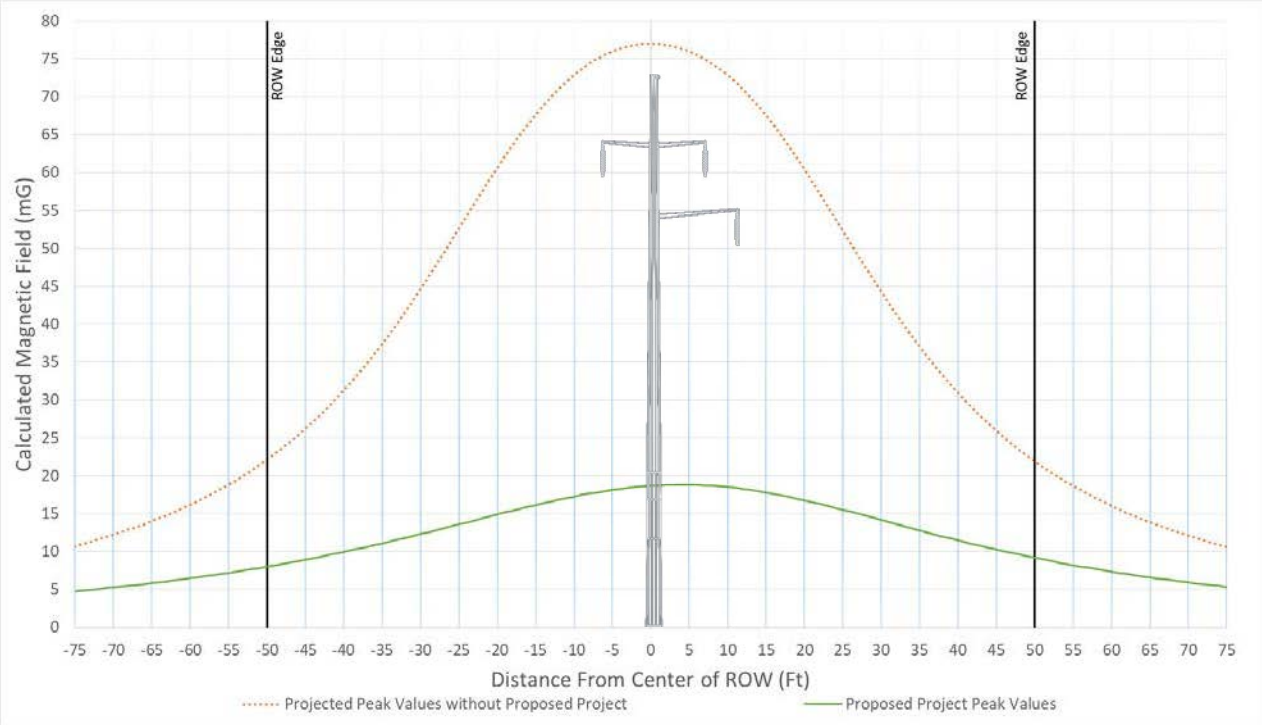


Table 41 – Comparison of Magnetic Fields at Edge of ROW for Segment 4 Section 24 Str. 1281198 - 1281199

Design Options	Left Edge (mG)	% Change[61]	Right Edge (mG)	% Change[62]
Projected Peak Values without Full-Rebuild Concept 115 kV T/L	22.121	N/A	21.888	N/A
Full-Rebuild Concept Peak Values 115 kV T/L	8.012	64%	9.187	58%

All calculations were made at a height of 3 feet all across the ROW.

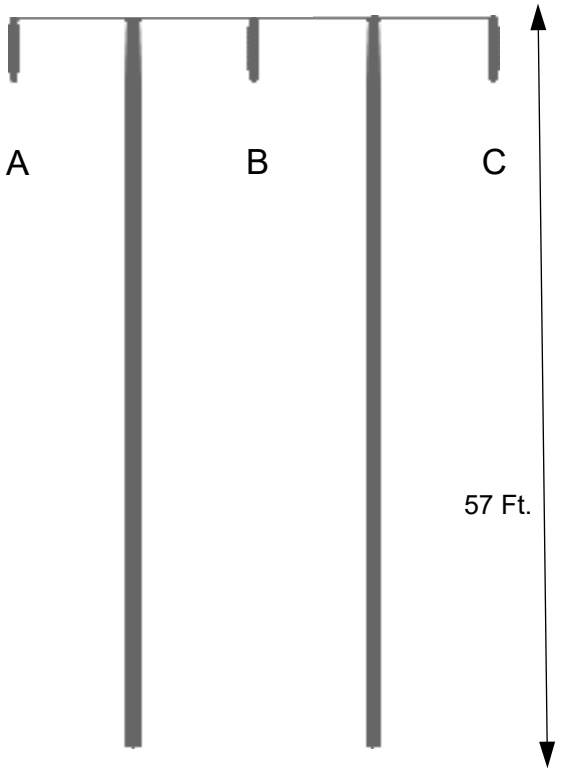
Tower Height and Insulator Length
Height – 57 Ft. Length – 4.5 Ft.

Proposed Construction and Insulator Length
Height – 75 Ft. Length – 4 Ft.

[62] All data in Percent Change column is compared to the Projected Peak Values without the Full-Rebuild Concept

Figure 73 – Tower and Insulator Dimensions and Phasing

Full-Rebuild Concept:
Single Circuit – Monopole
Figure not to Scale



Existing:
Single Circuit – H-Frame
Figure not to Scale

Segment 4 Section 25

Figure 74 - Typical Magnetic Field Levels for Segment 4 Section 25 Structure 1281210 - Ivanpah Substation, Str. 1281210 - 1281211 at 330 Amps

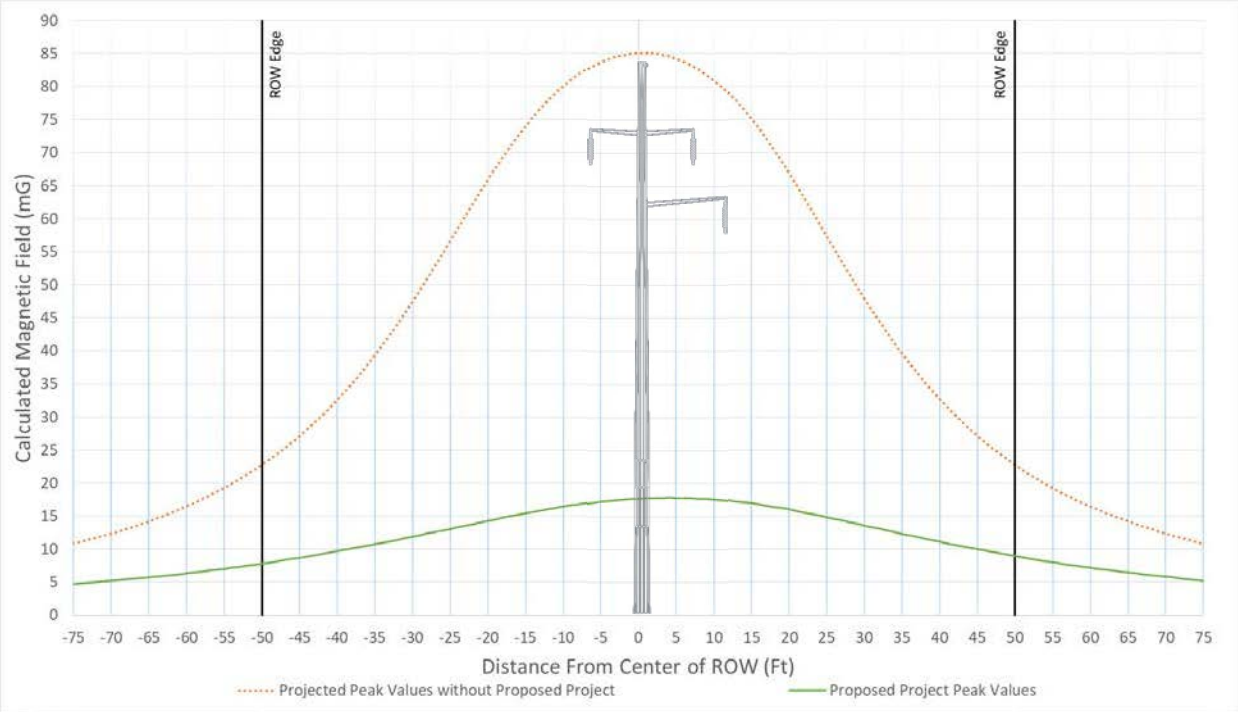


Table 42 – Comparison of Magnetic Fields at Edge of ROW for Segment 4 Section 25 Str. 1281210 - 1281211

Design Options	Left Edge (mG)	% Change[62]	Right Edge (mG)	% Change[63]
Projected Peak Values without Full-Rebuild Concept 115 kV T/L	22.737	N/A	22.73	N/A
Full-Rebuild Concept Peak Values 115 kV T/L	7.834	66%	8.956	61%

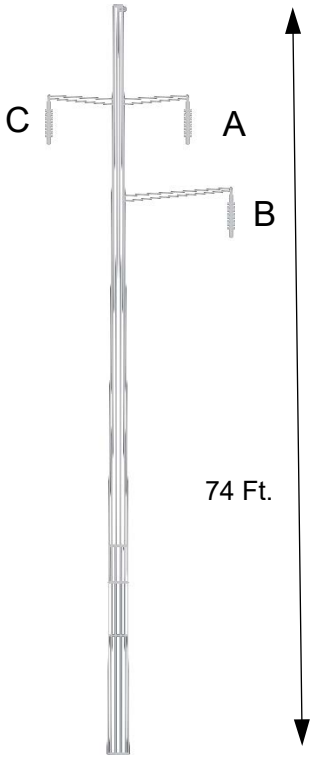
All calculations were made at a height of 3 feet all across the ROW.

Tower Height and Insulator Length
Height – 53 Ft. Length – 4.5 Ft.

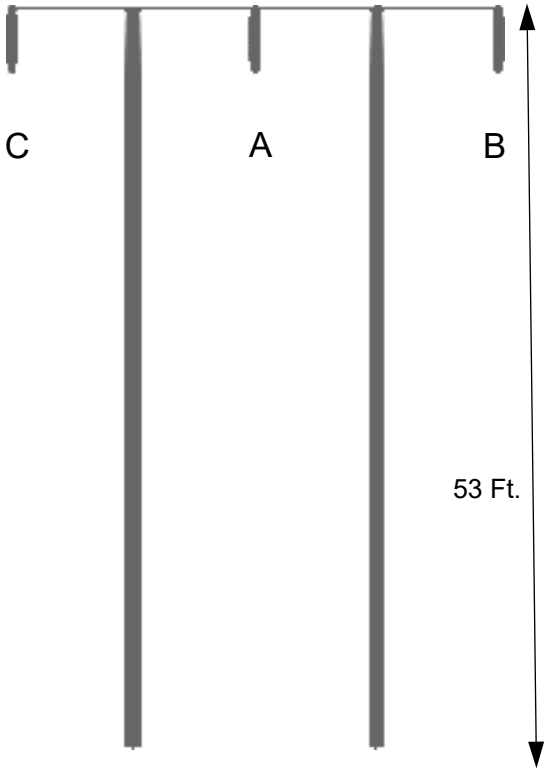
Proposed Construction and Insulator Length
Height – 74 Ft. Length – 4 Ft.

[63] All data in Percent Change column is compared to the Projected Peak Values without the Full-Rebuild Concept

Figure 75 – Tower and Insulator Dimensions and Phasing



Full-Rebuild Concept:
Single Circuit – Monopole
Figure not to Scale



Existing:
Single Circuit – H-Frame
Figure not to Scale

RESIDENTIAL GRAPHS

These graphs are based on calculations that occur on spans that are the lowest near residential areas that are of concern. The magnetic field created by these spans are less in magnitude than the worst span in each segment, but these are more of a concern for the residents that live near the ROW.[64]

Segment 1 Section 1, Str. 36-37

Figure 76 - Typical Magnetic Field Levels for Segment 1 Section 1 Control – Structure 214, Str. 36-37 at 200 Amps

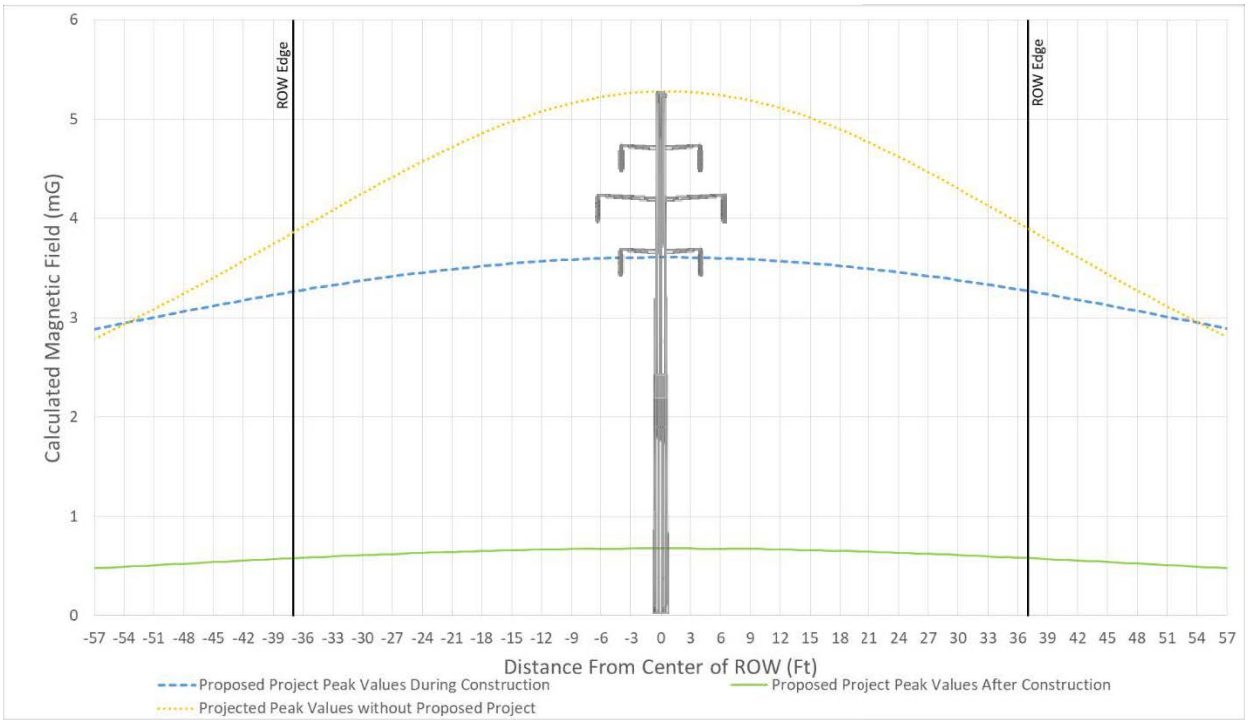


Table 43 – Comparison of Magnetic Fields at Edge of ROW for Segment 1 Section 1 Str. 36-37

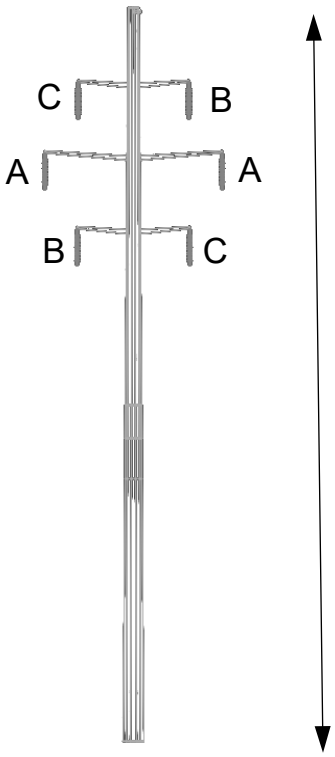
Design Options	Left Edge (mG)	% Change[63]	Right Edge (mG)	% Change[65]
Projected Peak Values without Full-Rebuild Concept 115 kV T/L	3.858	N/A	3.901	N/A
Full-Rebuild Concept 115 kV T/L During Construction	3.264	15%	3.27	16%
Full-Rebuild Concept 115 kV T/L After Construction	0.578	85%	0.58	85%

All calculations were made at a height of 3 feet all across the ROW.

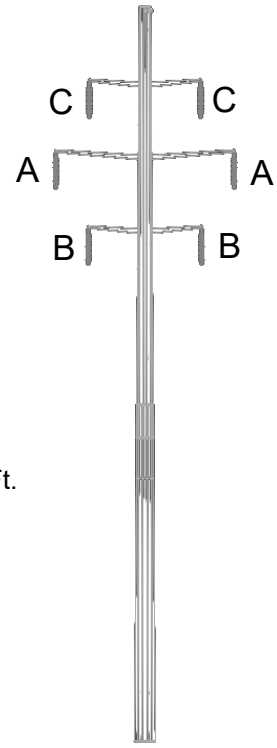
Tower Height and Insulator Length: Height – 70 Ft. Length – 4.5 Ft.
Proposed Construction and Insulator Length: Height – 115 Ft. Length – 4 Ft.

[64] Note: In Figures 76 through 96, the term Proposed Project is defined to mean Full-Rebuild Concept as described in Chapter 3 of the IC Project PEA document.
[65] All data in Percent Change column is compared to the Projected Peak Values without the Full-Rebuild Concept

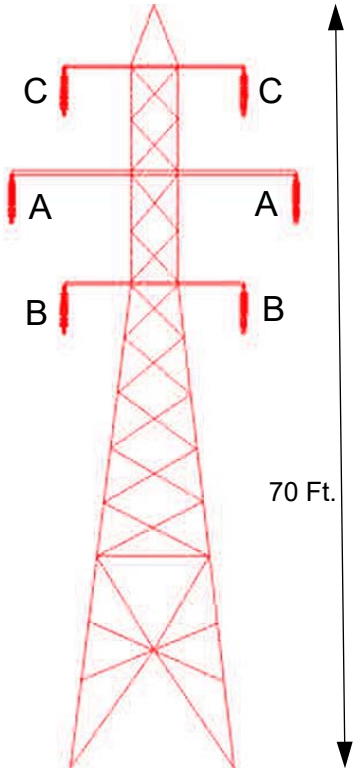
Figure 77 – Tower and Insulator Dimensions and Phasing



Full-Rebuild Concept After Construction:
Double Circuit – Monopole
Figure not to Scale



Full-Rebuild Concept During Construction:
Double Circuit – Monopole
Figure not to Scale



Existing:
Double circuit - Lattice Tower
Figure not to Scale

Segment 1 Section 1, Str. 55-56

Figure 78 – Typical Magnetic Field Levels for Segment 1 Section 1 Control – Structure 214, Str. 55-56 at 200 Amps

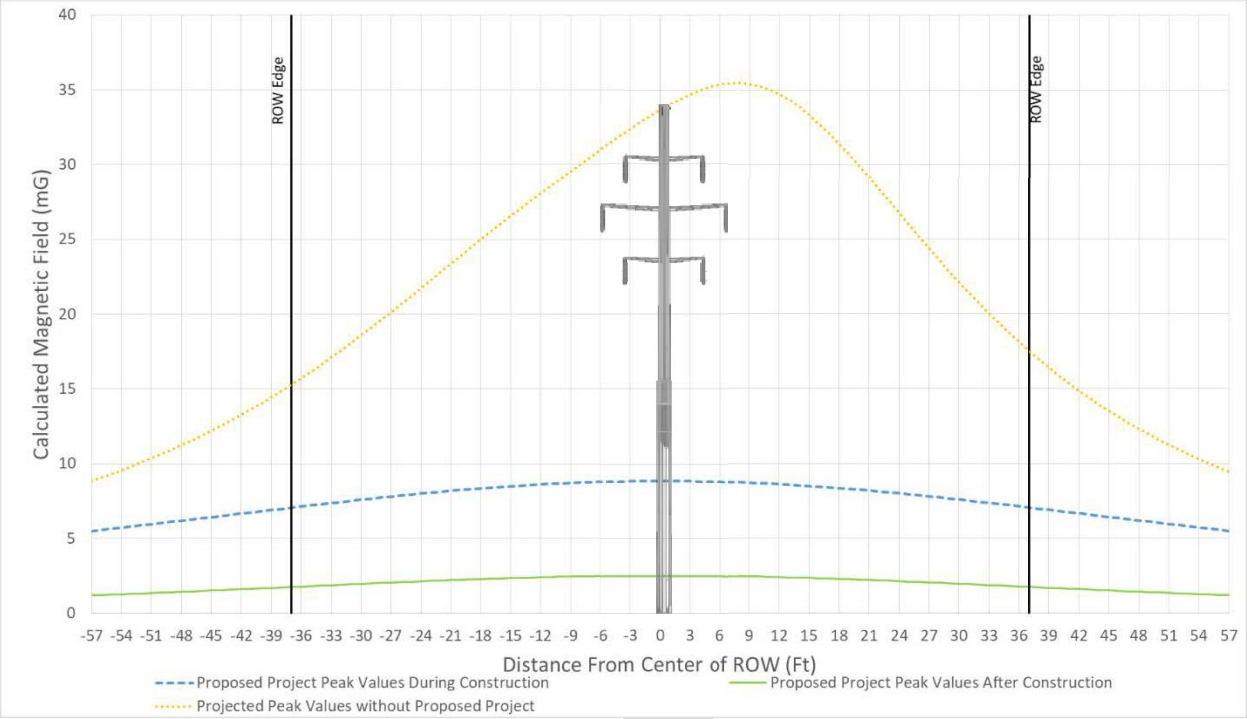


Table 44 – Comparison of Magnetic Fields at Edge of ROW for Segment 1 Section 1 Str. 55-56

Design Options	Left Edge (mG)	% Change[64]	Right Edge (mG)	% Change[66]
Projected Peak Values without Full-Rebuild Concept 115 kV T/L	15.279	N/A	17.518	N/A
Full-Rebuild Concept 115 kV T/L During Construction	7.058	54%	7.058	60%
Full-Rebuild Concept 115 kV T/L After Construction	1.753	89%	1.753	90%

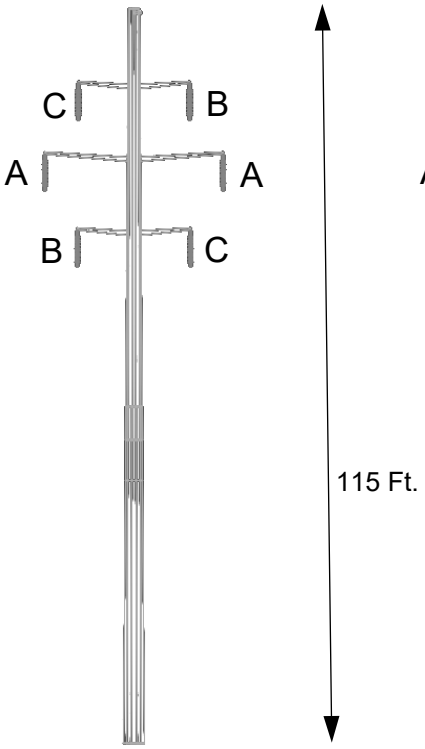
All calculations were made at a height of 3 feet all across the ROW.

Tower Height and Insulator Length
Height – 75 Ft. Length – 4.5 Ft.

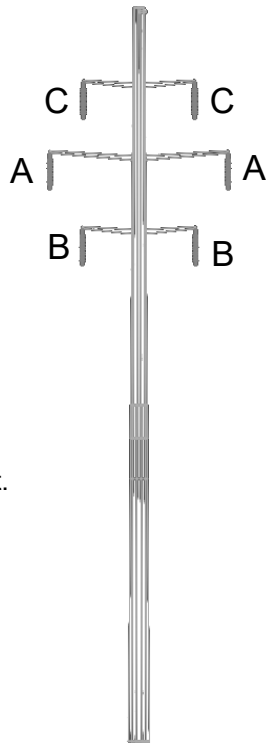
Proposed Construction and Insulator Length
Height – 115 Ft. Length – 4 Ft.

[66] All data in Percent Change column is compared to the Projected Peak Values without the Full-Rebuild Concept

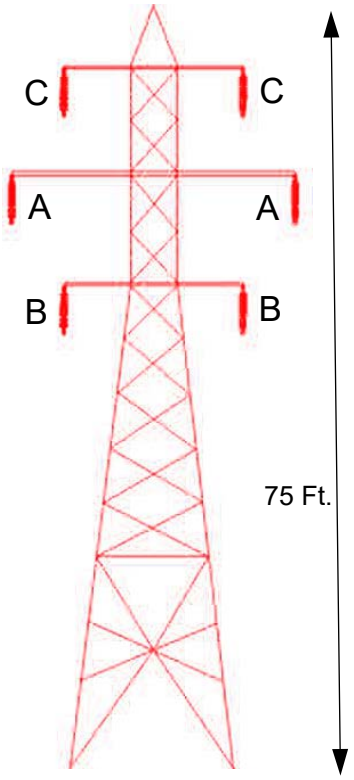
Figure 79 – Tower and Insulator Dimensions and Phasing



Full-Rebuild Concept After Construction:
Double Circuit – Monopole
Figure not to Scale



Full-Rebuild Concept During Construction:
Double Circuit – Monopole
Figure not to Scale



Existing:
Double circuit - Lattice Tower
Figure not to Scale

Segment 1 Section 1, Str. 137-138

Figure 80 - Typical Magnetic Field Levels for Segment 1 Section 1 Control – Structure 214, Str. 137-138 at 200 Amps

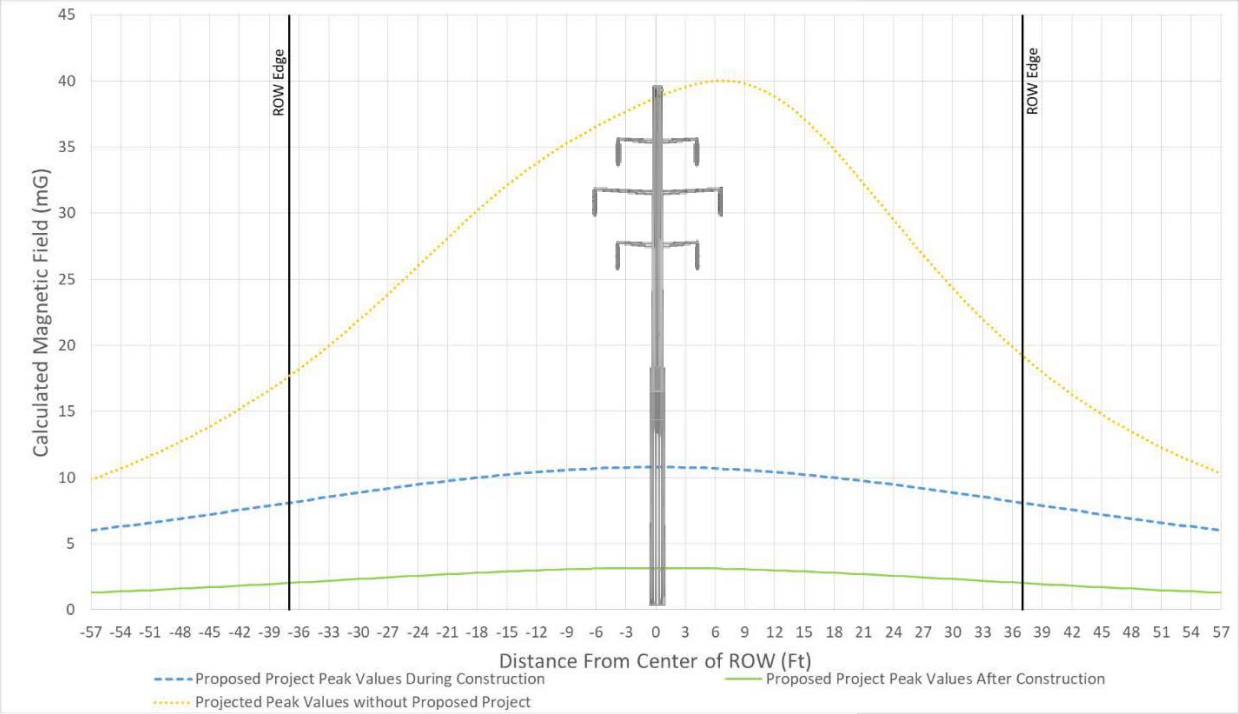


Table 45 – Comparison of Magnetic Fields at Edge of ROW for Segment 1 Str. 137-138

Design Options	Left Edge (mG)	% Change[65]	Right Edge (mG)	% Change[67]
Projected Peak Values without Full-Rebuild Concept 115 kV T/L	17.676	N/A	19.224	N/A
Full-Rebuild Concept 115 kV T/L During Construction	8.099	54%	8.099	58%
Full-Rebuild Concept 115 kV T/L After Construction	2.029	89%	2.029	89%

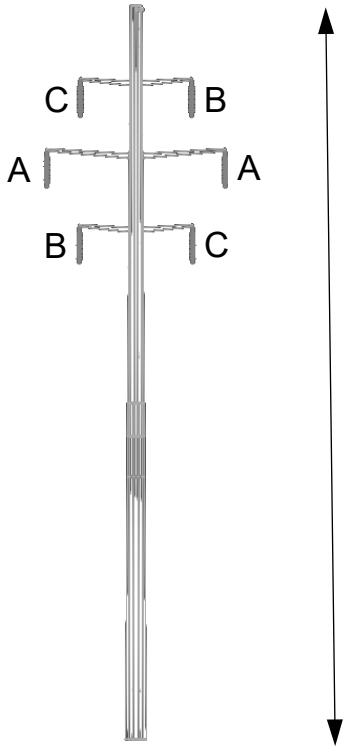
All calculations were made at a height of 3 feet all across the ROW.

Tower Height and Insulator Length
Height – 70 Ft. Length – 4.5 Ft.

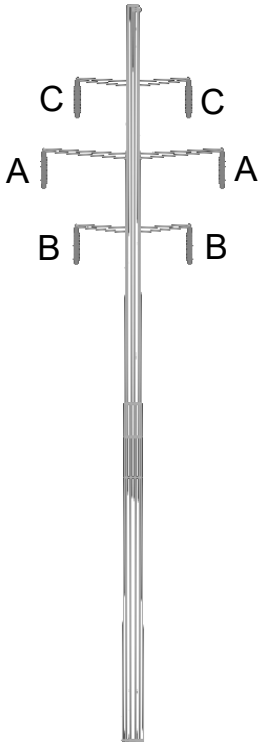
Proposed Construction and Insulator Length
Height – 90 Ft. Length – 4 Ft.

[67] All data in Percent Change column is compared to the Projected Peak Values without the Full-Rebuild Concept

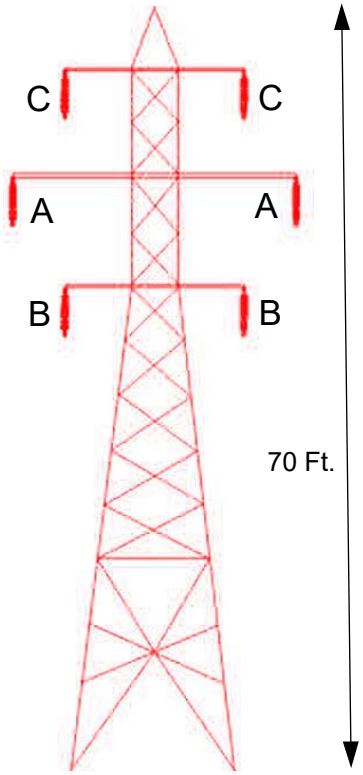
Figure 81 – Tower and Insulator Dimensions and Phasing



Full-Rebuild Concept After Construction:
Double Circuit – Monopole
Figure not to Scale



Full-Rebuild Concept During Construction:
Double Circuit – Monopole
Figure not to Scale



Existing:
Double circuit - Lattice Tower
Figure not to Scale

Segment 1 Section 4, Str. 707-708

Figure 82 – Typical Magnetic Field Levels for Segment 1 Section 4 Structure 683 – Structure 912, Str. 707-708 at 200 Amps

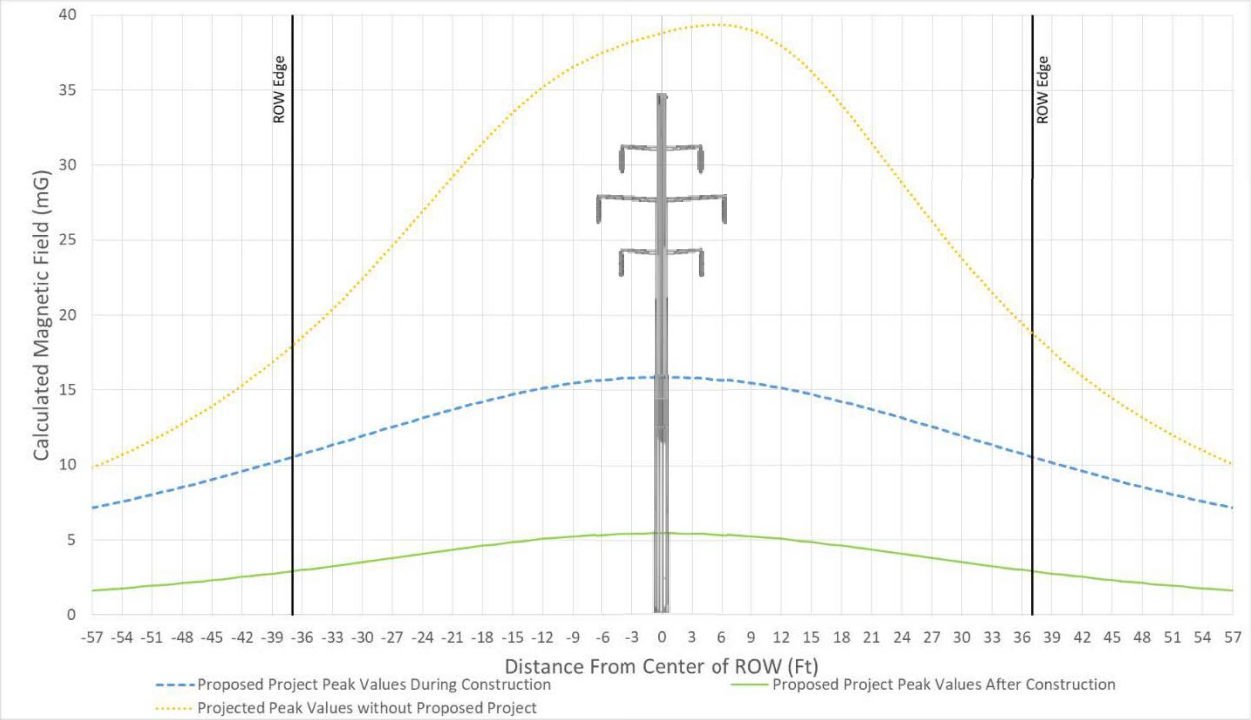


Table 46 – Comparison of Magnetic Fields at Edge of ROW for Segment 3 Str. 707-708

Design Options	Left Edge (mG)	% Change[66]	Right Edge (mG)	% Change[68]
Projected Peak Values without Full-Rebuild Concept 115 kV T/L	17.94	N/A	18.767	N/A
Full-Rebuild Concept 115 kV T/L During Construction	10.528	41%	10.528	44%
Full-Rebuild Concept 115 kV T/L After Construction	2.914	84%	2.914	84%

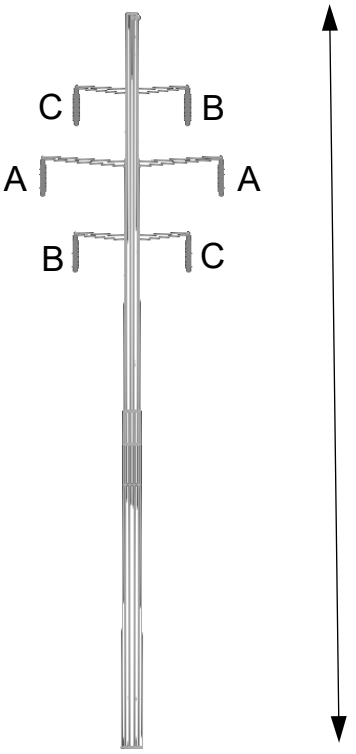
All calculations were made at a height of 3 feet all across the ROW.

Tower Height and Insulator Length
Height – 70 Ft. Length – 4.5 Ft.

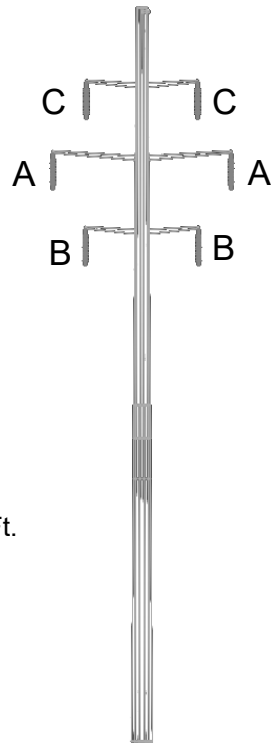
Proposed Construction and Insulator Length
Height – 100 Ft. Length – 4 Ft.

[68] All data in Percent Change column is compared to the Projected Peak Values without the Full-Rebuild Concept

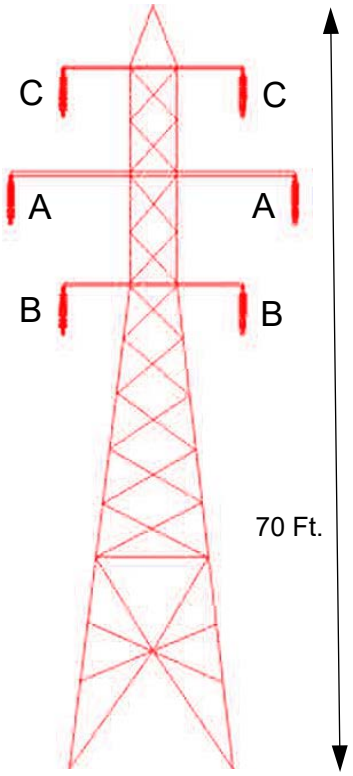
Figure 83 – Tower and Insulator Dimensions and Phasing



Full-Rebuild Concept After Construction:
Double Circuit – Monopole
Figure not to Scale



Full-Rebuild Concept During Construction:
Double Circuit – Monopole
Figure not to Scale



Existing:
Double circuit - Lattice Tower
Figure not to Scale

Segment 1 Section 5, Str. 1045-1046

Figure 84 – Typical Magnetic Field Levels for Segment 1 Section 5 Structure 912 – Inyokern Substation, Str. 1045-1046 at 200 Amps

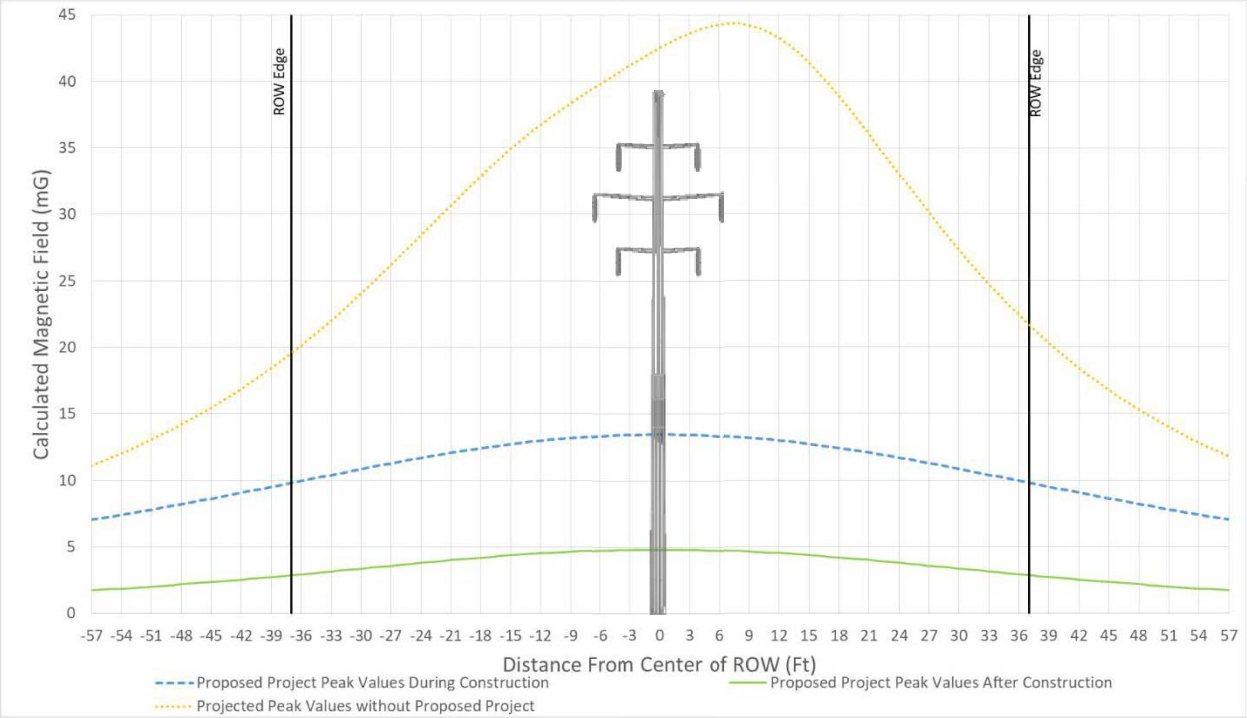


Table 47 – Comparison of Magnetic Fields at Edge of ROW for Segment 5 Str. 1045-1046

Design Options	Left Edge (mG)	% Change[67]	Right Edge (mG)	% Change[69]
Projected Peak Values without Full-Rebuild Concept 115 kV T/L	19.561	N/A	21.671	N/A
Full-Rebuild Concept 115 kV T/L During Construction	9.798	50%	9.798	55%
Full-Rebuild Concept 115 kV T/L After Construction	2.856	85%	2.856	87%

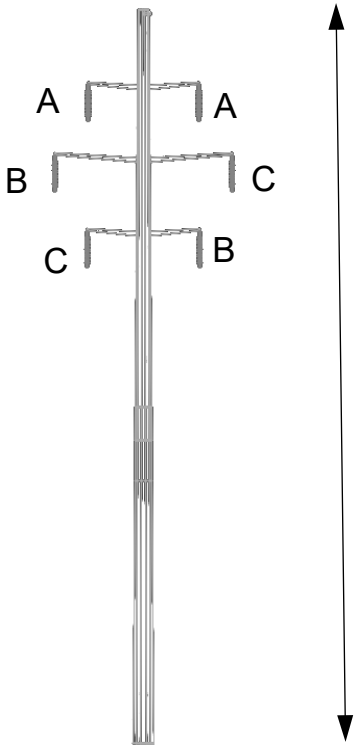
All calculations were made at a height of 3 feet all across the ROW.

Tower Height and Insulator Length
Height – 70 Ft. Length – 4.5 Ft.

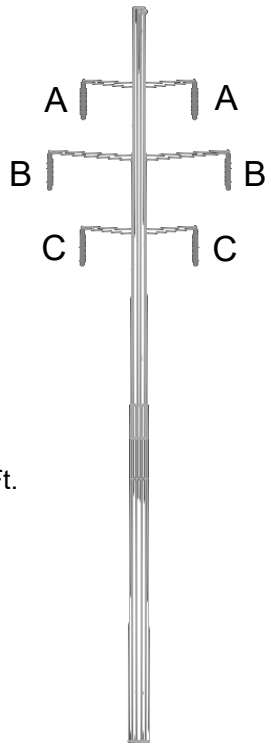
Proposed Construction and Insulator Length
Height – 85 Ft. Length – 4 Ft.

[69] All data in Percent Change column is compared to the Projected Peak Values without the Full-Rebuild Concept

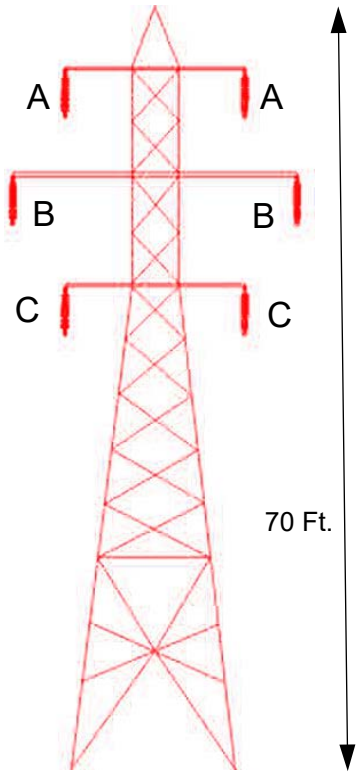
Figure 85 – Tower and Insulator Dimensions and Phasing



Full-Rebuild Concept After Construction:
Double Circuit – Monopole
Figure not to Scale



Full-Rebuild Concept During Construction:
Double Circuit – Monopole
Figure not to Scale



Existing:
Double circuit - Lattice Tower
Figure not to Scale

Segment 2 Section 1, Str. 121165 – 121166

Figure 86 – Typical Magnetic Field Levels for Segment 2 Section 1 Kramer Substion – Structure 121255, Str. 121165 – 121166 at 840 Amps

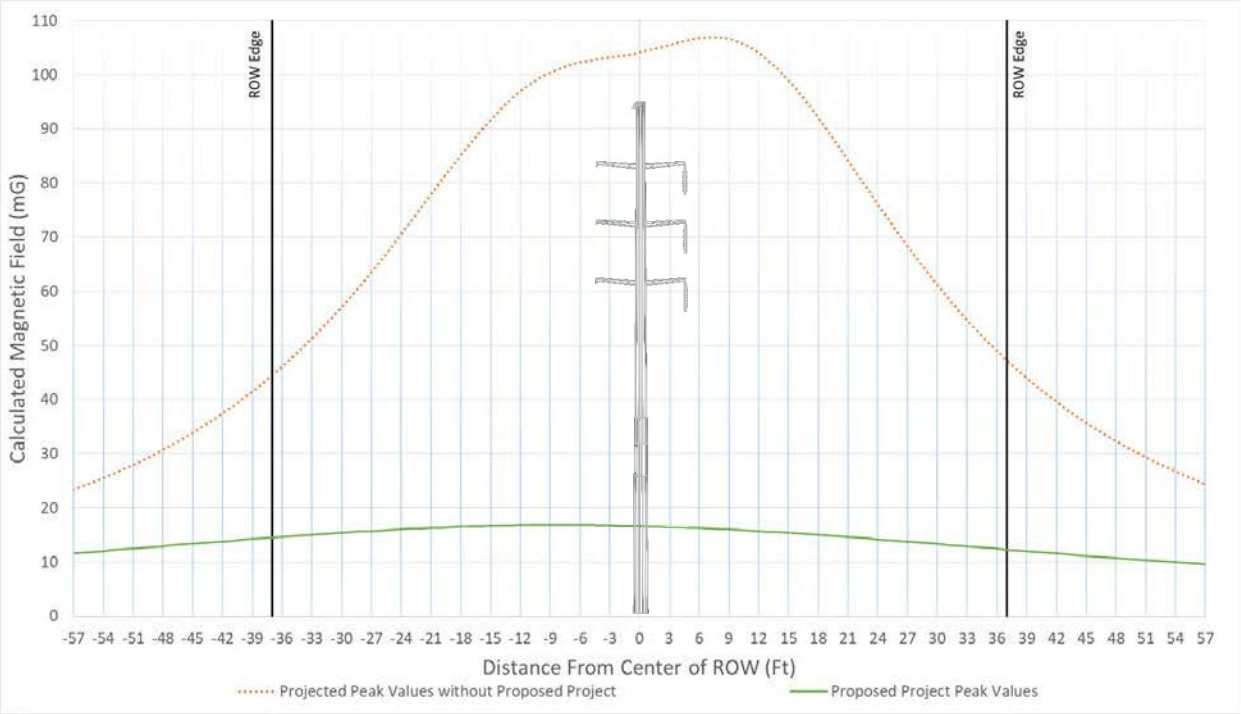


Table 48 – Comparison of Magnetic Fields at Edge of ROW for Segment 2 Section 1 Str. 121165 – 121166

Design Options	Left Edge (mG)	% Change[68]	Right Edge (mG)	% Change[70]
Projected Peak Values without Full-Rebuild Concept 115 kV T/L	44.483	N/A	47.257	N/A
Full-Rebuild Concept Peak Values 115 kV T/L	14.524	67%	12.318	74%

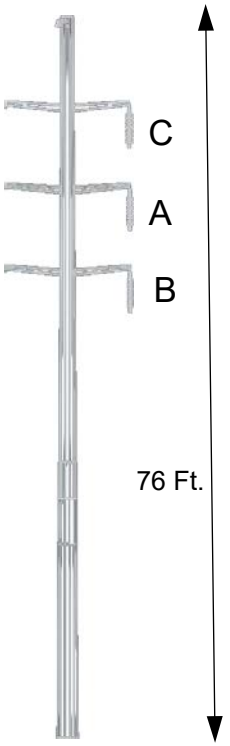
All calculations were made at a height of 3 feet all across the ROW.

Tower Height and Insulator Length
Height – 68 Ft. Length – 4.5 Ft.

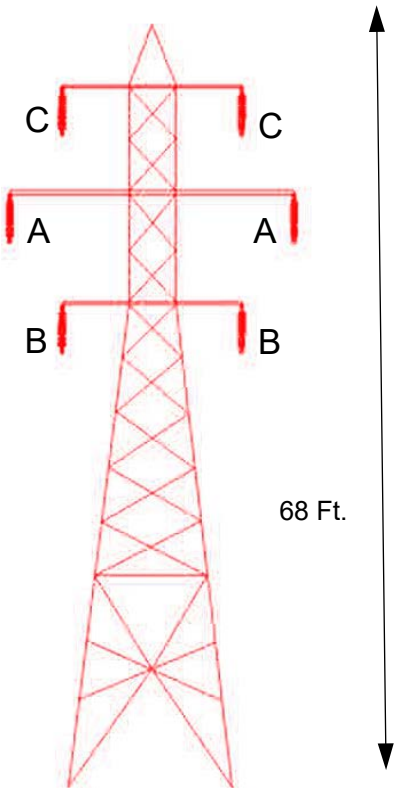
Proposed Construction and Insulator Length
Height – 76 Ft. Length – 4 Ft.

[70] All data in Percent Change column is compared to the Projected Peak Values without the Full-Rebuild Concept

Figure 87 – Tower and Insulator Dimensions and Phasing



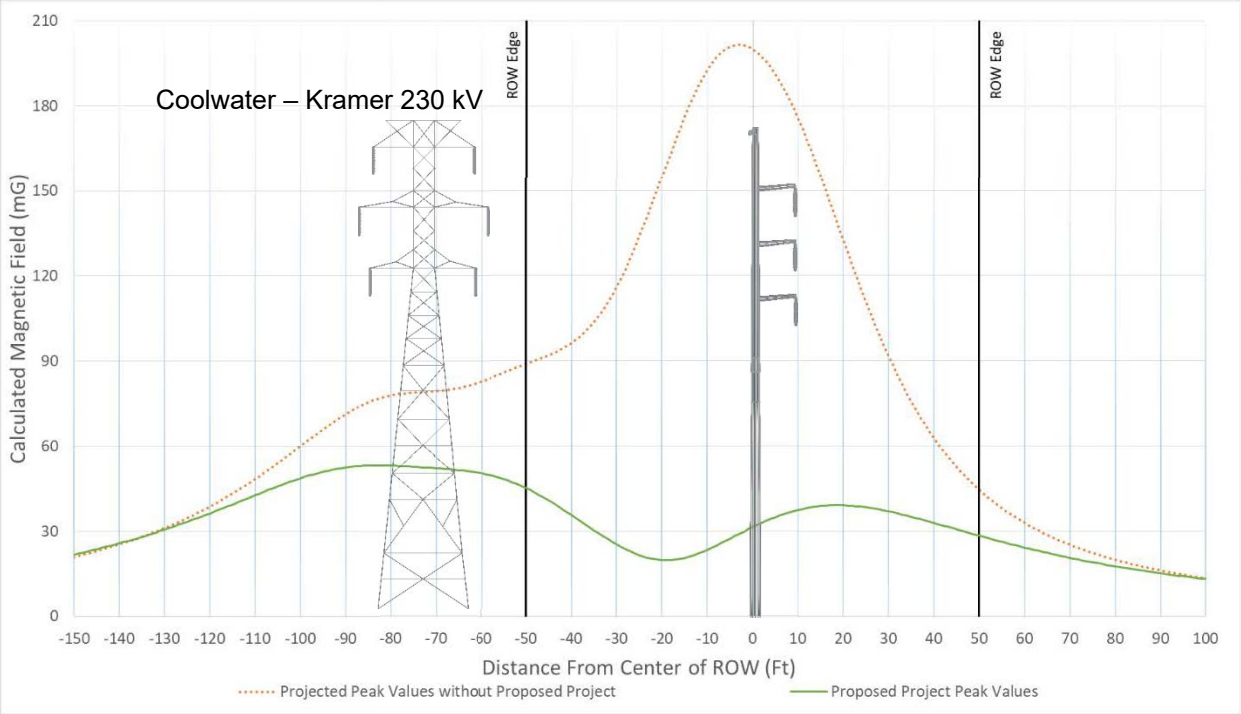
Full-Rebuild Concept:
Single Circuit – Monopole
Figure not to Scale



Existing:
Single Circuit – Lattice Tower
Figure not to Scale

Segment 3N, Str. 1546399E_1546400E – W1546397E_E1546398E

Figure 88 – Typical Magnetic Field Levels for Segment 3N Section 1 Kramer Substation – Coolwater Substation, Str. 1546399E_1546400E – W1546397E_E1546398E at 860 Amps



Assuming Drake ACSR conductor, Top-Bottom phasing 0°,120°,240°-0°,120°,240°, and 400 Amps for parallel line.
Graph is extended to show the influence of the parallel line.

Table 49 – Comparison of Magnetic Fields at Edge of ROW for Segment 3N Section 1, Str. 1546399E_1546400E – W1546397E_E1546398E

Design Options	Left Edge (mG)	% Change[69]	Right Edge (mG)	% Change[71]
Projected Peak Values without Full-Rebuild Concept 115 kV T/L	88.869	N/A	44.535	N/A
Full-Rebuild Concept Peak Values 115 kV T/L	45.17	49%	28.387	36%

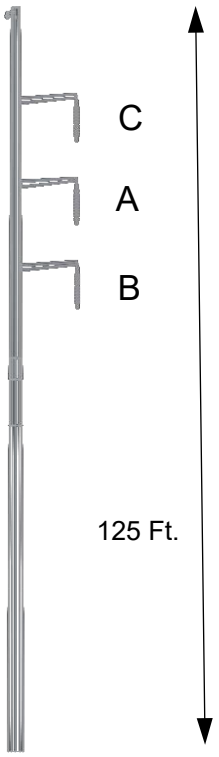
All calculations were made at a height of 3 feet all across the ROW.

Tower Height and Insulator Length
Height – 56 Ft. Length – 4.5 Ft.

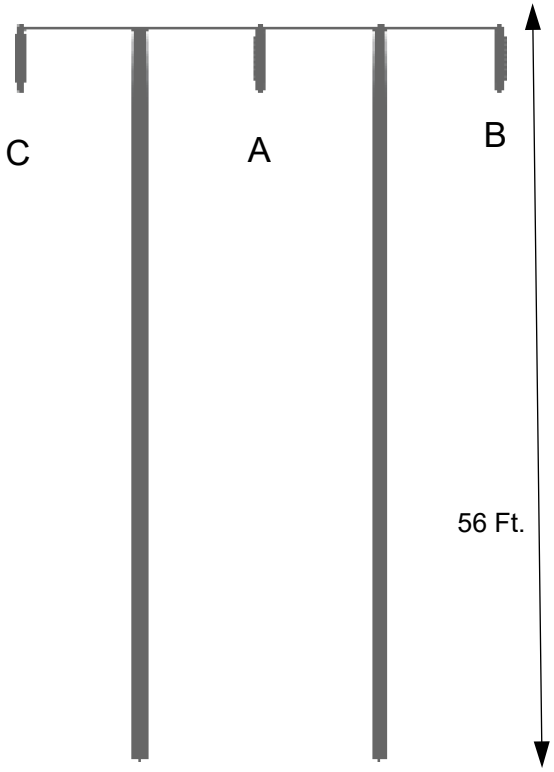
Proposed Construction and Insulator Length
Height – 125 Ft. Length – 4 Ft.

[71] All data in Percent Change column is compared to the Projected Peak Values without the Full-Rebuild Concept

Figure 89 – Tower and Insulator Dimensions and Phasing



Full-Rebuild Concept:
Single Circuit – Monopole
Figure not to Scale



Existing:
Single Circuit – H-Frame
Figure not to Scale

Segment 3S Section 1, Str. NA560091SE_SA560091BE – NA560090AE_SA560090BE

Figure 90 – Typical Magnetic Field Levels for Segment 3S Section 1 Kramer Substation – Tortilla Substation, Str. NA560091SE_SA560091BE – NA560090AE_SA560090BE at 725 Amps

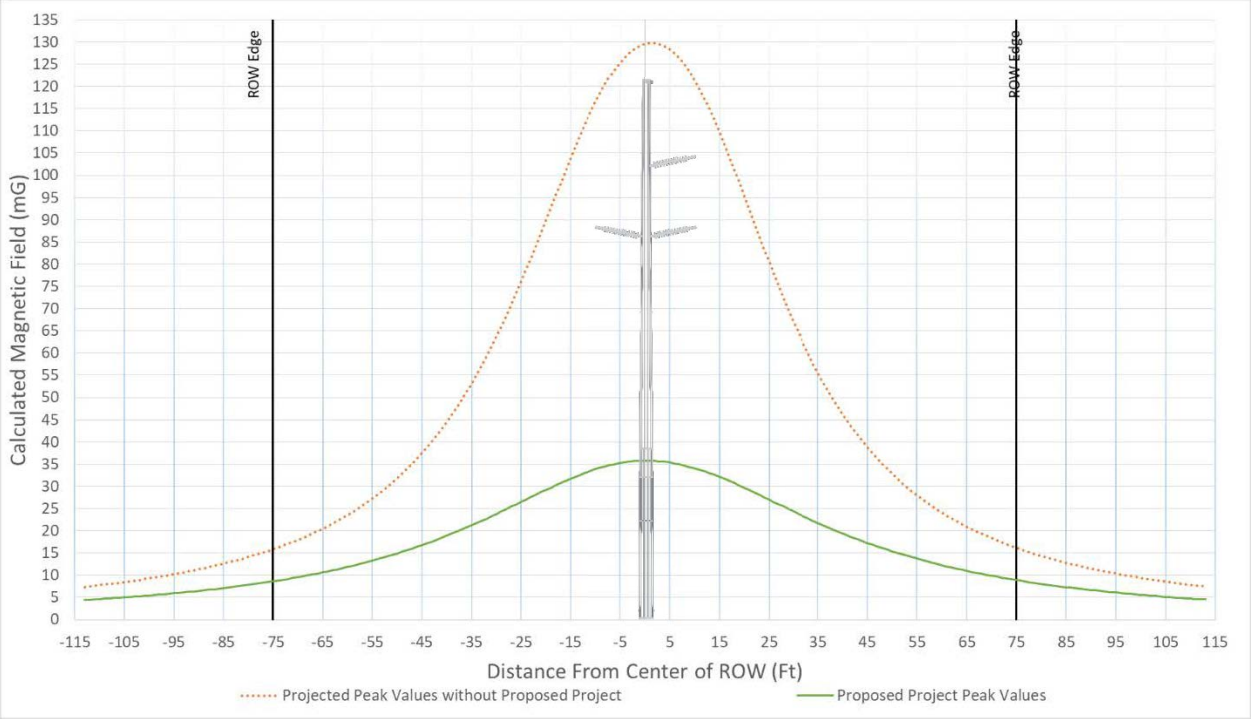


Table 50 – Comparison of Magnetic Fields at Edge of ROW for Segment 3S Section 1 Str. NA560091SE_SA560091BE – NA560090AE_SA560090BE

Design Options	Left Edge (mG)	% Change[70]	Right Edge (mG)	% Change[72]
Projected Peak Values without Full-Rebuild Concept 115 kV T/L	15.873	N/A	16.163	N/A
Full-Rebuild Concept Peak Values 115 kV T/L	8.645	46%	8.917	45%

All calculations were made at a height of 3 feet all across the ROW.

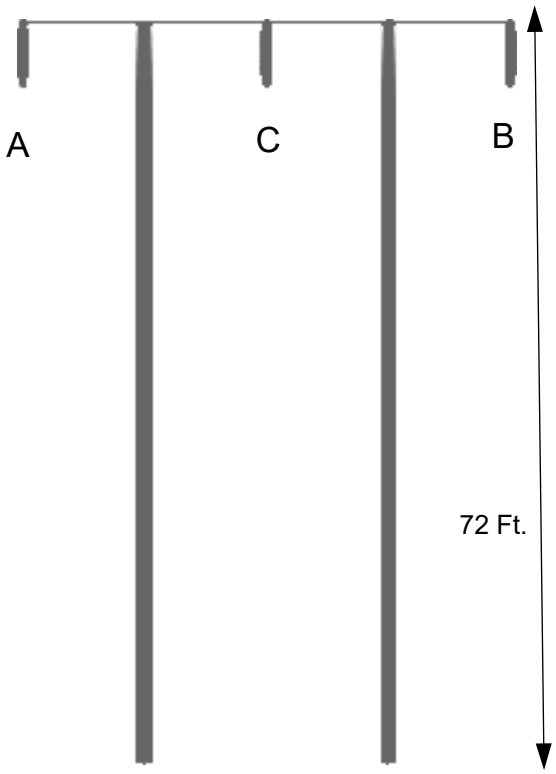
Tower Height and Insulator Length
Height – 72 Ft. Length – 4.5 Ft.

Proposed Construction and Insulator Length
Height – 79 Ft. Length – 4 Ft.

[72] All data in Percent Change column is compared to the Projected Peak Values without the Full-Rebuild Concept

Figure 91 – Tower and Insulator Dimensions and Phasing

Full-Rebuild Concept:
Single Circuit – Monopole
Figure not to Scale



Existing:
Single Circuit – H-Frame
Figure not to Scale

Segment 3S Section 1, Str. NA560113AE_SA560113BE – NA560112AE_SA560112BE

Figure 92 – Typical Magnetic Field Levels for Segment 3S Section 1 Kramer Substation – Tortilla Substation, Str. NA560113AE_SA560113BE – NA560112AE_SA560112BE at 725 Amps

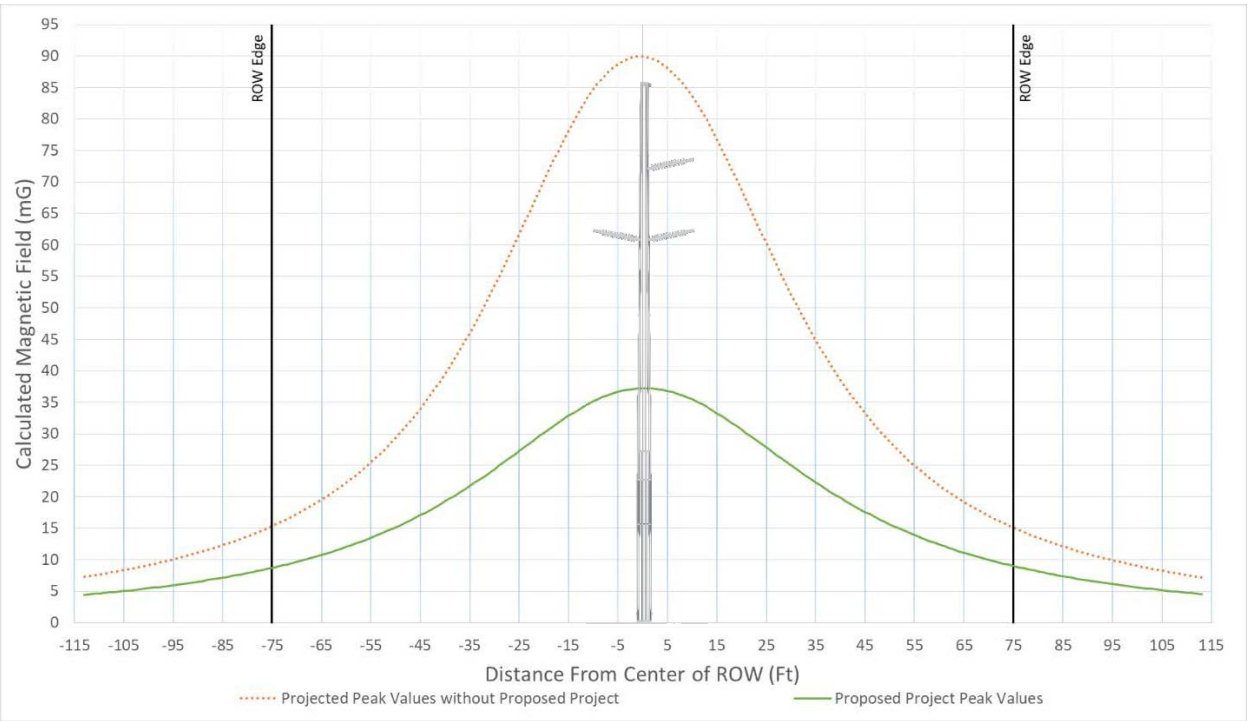


Table 51 – Comparison of Magnetic Fields at Edge of ROW for Segment 3S Section 1 Str. NA560113AE_SA560113BE – NA560112AE_SA560112BE

Design Options	Left Edge (mG)	% Change[71]	Right Edge (mG)	% Change[73]
Projected Peak Values without Full-Rebuild Concept 115 kV T/L	15.338	N/A	15.095	N/A
Full-Rebuild Concept Peak Values 115 kV T/L	8.716	43%	8.997	40%

All calculations were made at a height of 3 feet all across the ROW.

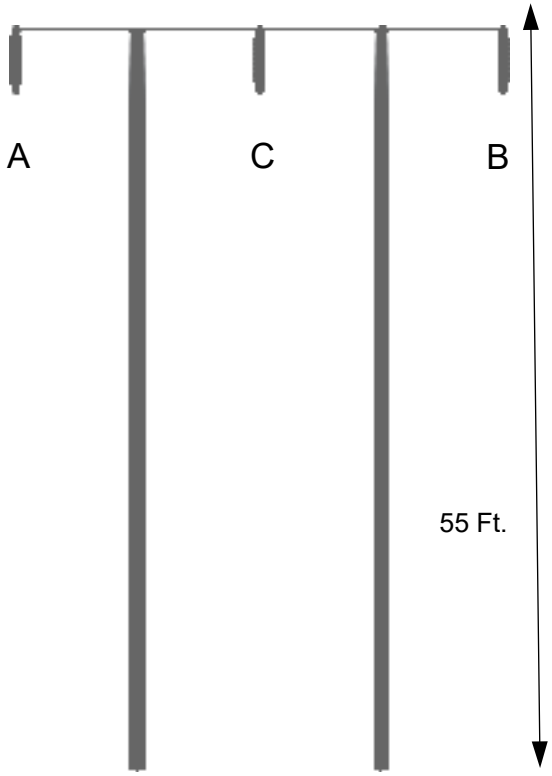
Tower Height and Insulator Length
Height – 55 Ft. Length – 4.5 Ft.

Proposed Construction and Insulator Length
Height – 61 Ft. Length – 4 Ft.

[73] All data in Percent Change column is compared to the Projected Peak Values without the Full-Rebuild Concept

Figure 93 – Tower and Insulator Dimensions and Phasing

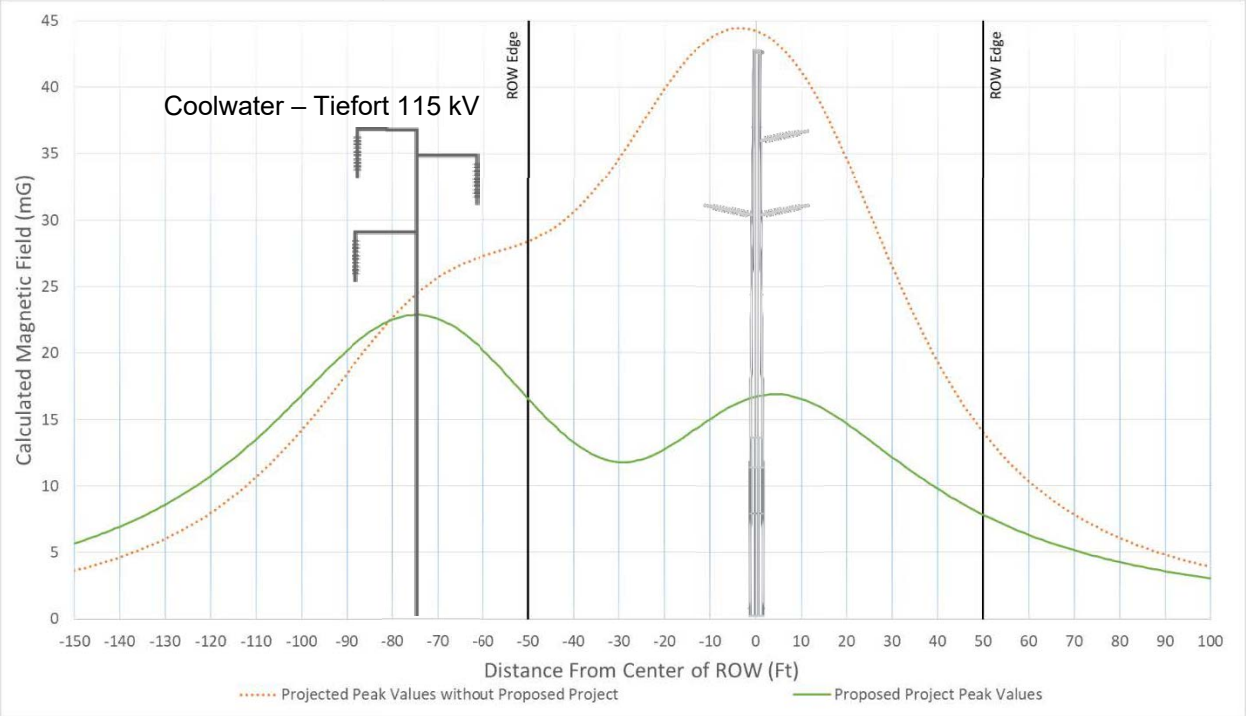
Full-Rebuild Concept:
Single Circuit – Monopole
Figure not to Scale



Existing:
Single Circuit – H-Frame
Figure not to Scale

Segment 4 Section 1, Str. 128571 – 128572

Figure 94 – Typical Magnetic Field Levels for Segment 4 Section 1 Coolwater Substation – Structure 128574, Str. 128571 – 128572 at 260 Amps



Assuming Partridge ACSR conductor, Top-Bottom phasing 0°,120°,240° and 400 Amps for parallel line. Graph is extended to show the influence of the parallel line.

Table 52 – Comparison of Magnetic Fields at Edge of ROW for Segment 4 Section 1, Str. 128571 – 128572

Design Options	Left Edge (mG)	% Change[72]	Right Edge (mG)	% Change[74]
Projected Peak Values without Full-Rebuild Concept 115 kV T/L	28.375	N/A	14.019	N/A
Full-Rebuild Concept Peak Values 115 kV T/L	16.557	42%	7.825	44%

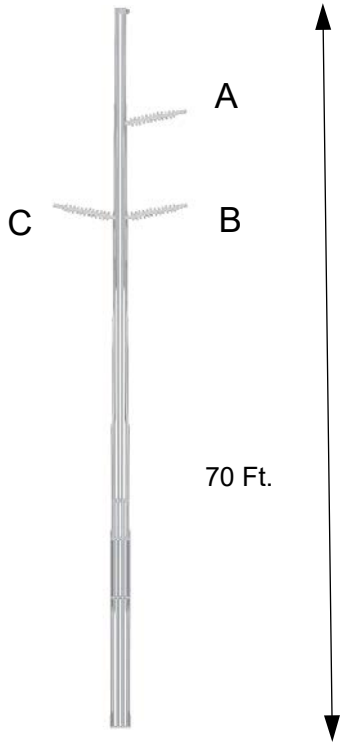
All calculations were made at a height of 3 feet all across the ROW.

Tower Height and Insulator Length
Height – 52 Ft. Length – 4.5 Ft.

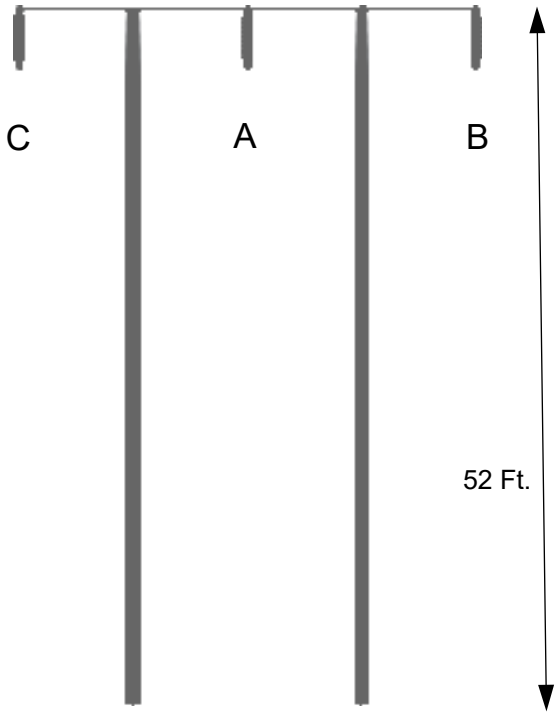
Proposed Construction and Insulator Length
Height – 70 Ft. Length – 4 Ft.

[74] All data in Percent Change column is compared to the Projected Peak Values without the Full-Rebuild Concept

Figure 95 – Tower and Insulator Dimensions and Phasing



Full-Rebuild Concept:
Single Circuit – Monopole
Figure not to Scale



Existing:
Single Circuit – H-Frame
Figure not to Scale

Segment 4 Section 2, Str. 128608 – 128609

Figure 96 – Typical Magnetic Field Levels for Segment 4 Section 2 Structure 128595 – Structure 128638, Str. 128608 – 128609 at 260 Amps

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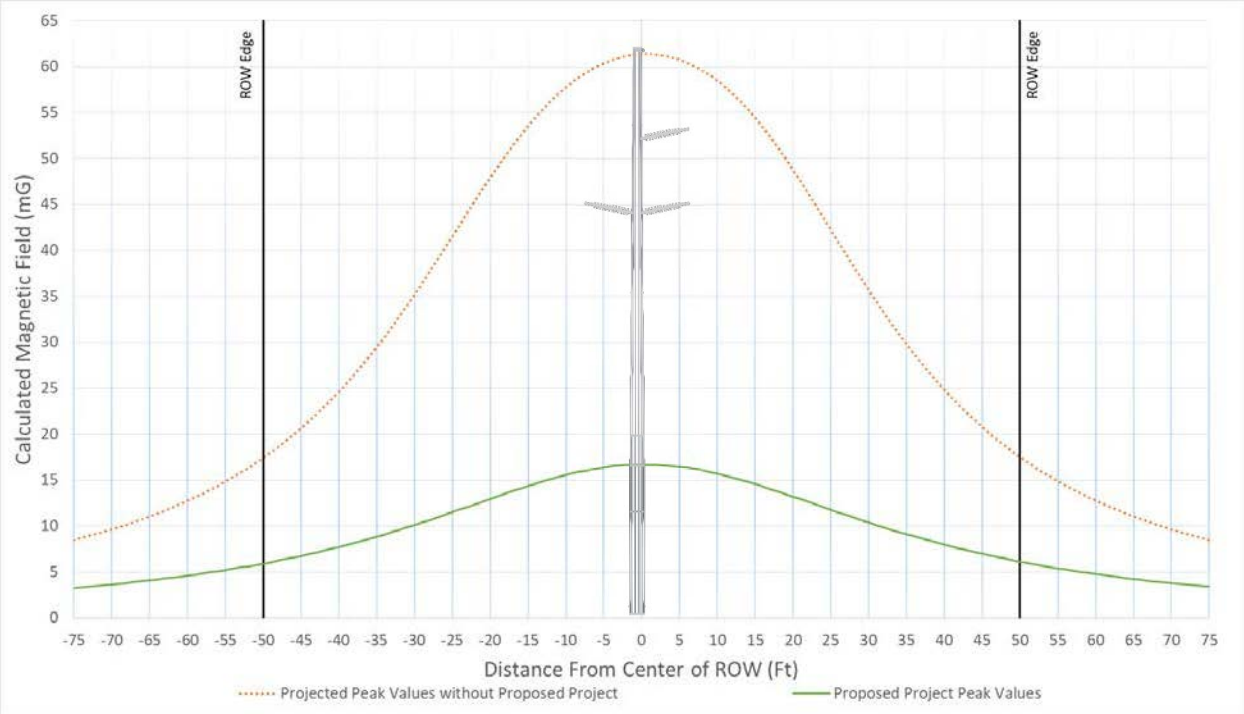


Table 53 – Comparison of Magnetic Fields at Edge of ROW for Segment 4 Section 2, Str. 128608 – 128609

Design Options	Left Edge (mG)	% Change[73]	Right Edge (mG)	% Change[75]
Projected Peak Values without Full-Rebuild Concept 115 kV T/L	17.415	N/A	17.496	N/A
Full-Rebuild Concept Peak Values 115 kV T/L	5.925	66%	6.133	65%

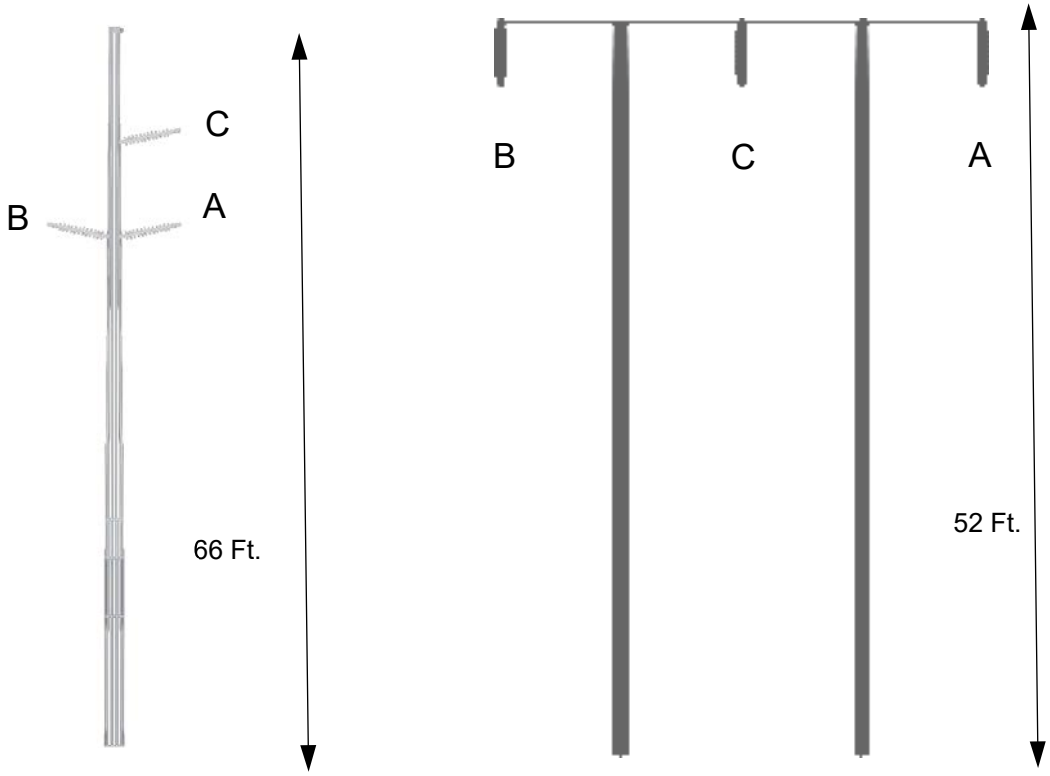
All calculations were made at a height of 3 feet all across the ROW.

Tower Height and Insulator Length
Height – 52 Ft. Length – 4.5 Ft.

Proposed Construction and Insulator Length
Height – 66 Ft. Length – 4 Ft.

[75] All data in Percent Change column is compared to the Projected Peak Values without the Full-Rebuild Concept

Figure 97 – Tower and Insulator Dimensions and Phasing



Full-Rebuild Concept:
Single Circuit – Monopole
Figure not to Scale

Existing:
Single Circuit – H-Frame
Figure not to Scale

ATTACHMENT

PROPONENT'S ENVIRONMENTAL ASSESSMENT
Archival Grade DVD

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE

STATE OF CALIFORNIA

In the Matter of the Application of SOUTHERN CALIFORNIA EDISON COMPANY (U 338-E) for a Permit to Construct Electrical Facilities With Voltages Between 50kV and 200 kV: Ivanpah-Control Project.	A.19-07-xxx

CERTIFICATE OF SERVICE

I hereby certify that, pursuant to the Commission's Rules of Practice and Procedure, I have this day served a true copy of the **APPLICATION OF SOUTHERN CALIFORNIA EDISON COMPANY (U 338-E) FOR A PERMIT TO CONSTRUCT ELECTRICAL FACILITIES WITH VOLTAGES BETWEEN 50KV AND 200 KV: IVANPAH-CONTROL PROJECT**, on all parties identified below.

By placing the copies in sealed envelopes and causing such envelopes to be delivered by U.S. Mail to the offices of the Chief Administrative Law Judge:

Chief ALJ Anne Simon
CPUC – Division of ALJs
505 Van Ness Avenue, Room 5115
San Francisco, CA 94102

Executed this **July 17, 2019,** at Rosemead, California.

/s/ Kelly Morikawa Kwong
Kelly Morikawa Kwong
Legal Administrative Assistant
SOUTHERN CALIFORNIA EDISON COMPANY
2244 Walnut Grove Avenue
Post Office Box 800
Rosemead, California 91770